

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129598.D
 Acq On : 05 Aug 2022 13:08
 Operator : CG\JU
 Sample : PB146537BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146537BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/08/2022
 Supervised By : Jagrut Upadhyay 08/08/2022

Quant Time: Aug 05 16:31:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/08/2022
1) 1,4-Dichlorobenzene-d4	6.851	152	206986	20.000	ng	0.00	Supervised By : Jagrut Upadhyay
21) Naphthalene-d8	8.134	136	850892	20.000	ng	0.00	
39) Acenaphthene-d10	9.892	164	448373	20.000	ng	0.00	
64) Phenanthrene-d10	11.386	188	754874	20.000	ng	0.00	
76) Chrysene-d12	14.027	240	513963	20.000	ng	# 0.00	
86) Perylene-d12	15.504	264	374369	20.000	ng	0.00	08/08/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1419738	111.735	ng	0.02	
7) Phenol-d6	6.504	99	1781721	111.559	ng	0.00	
23) Nitrobenzene-d5	7.422	82	1153794	74.021	ng	0.00	
42) 2,4,6-Tribromophenol	10.692	330	514783	119.418	ng	0.00	
45) 2-Fluorobiphenyl	9.210	172	2112706	72.891	ng	0.00	
79) Terphenyl-d14	12.969	244	2258826	82.914	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	154837	27.008	ng		89
3) Pyridine	3.481	79	407791	25.614	ng		91
4) n-Nitrosodimethylamine	3.416	42	262352	37.527	ng		93
6) Aniline	6.516	93	644646	32.468	ng	#	15
8) 2-Chlorophenol	6.645	128	592128	42.655	ng		95
9) Benzaldehyde	6.404	77	311827	28.750	ng		99
10) Phenol	6.516	94	680599m	40.017	ng		
11) bis(2-Chloroethyl)ether	6.587	93	555802	41.207	ng		93
12) 1,3-Dichlorobenzene	6.793	146	586047	39.363	ng		98
13) 1,4-Dichlorobenzene	6.869	146	593967	39.228	ng		99
14) 1,2-Dichlorobenzene	7.022	146	570771	41.011	ng		99
15) Benzyl Alcohol	7.004	79	504223	43.531	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	743510	36.671	ng		62
17) 2-Methylphenol	7.116	107	465711	40.439	ng	#	90
18) Hexachloroethane	7.357	117	227893	39.971	ng		89
19) n-Nitroso-di-n-propyla...	7.269	70	399937	41.364	ng		92
20) 3+4-Methylphenols	7.275	107	572980	39.131	ng		90
22) Acetophenone	7.263	105	795228	40.142	ng		98
24) Nitrobenzene	7.440	77	607025	37.818	ng		97
25) Isophorone	7.681	82	1126253	40.309	ng		98
26) 2-Nitrophenol	7.751	139	321245	40.569	ng		98
27) 2,4-Dimethylphenol	7.798	122	527863m	44.441	ng		
28) bis(2-Chloroethoxy)met...	7.881	93	690570	42.606	ng		98
29) 2,4-Dichlorophenol	8.004	162	478953	39.067	ng		96
30) 1,2,4-Trichlorobenzene	8.075	180	481504	37.944	ng		97
31) Naphthalene	8.157	128	1642739	38.000	ng		100
32) Benzoic acid	7.940	122	260226	30.305	ng		98
33) 4-Chloroaniline	8.210	127	558394	31.461	ng		98
34) Hexachlorobutadiene	8.269	225	285890	39.634	ng		99
35) Caprolactam	8.598	113	164382m	41.242	ng		
36) 4-Chloro-3-methylphenol	8.704	107	537395	41.329	ng		97
37) 2-Methylnaphthalene	8.851	142	1095891	39.008	ng		100
38) 1-Methylnaphthalene	8.951	142	1031524	38.035	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	473828	40.246	ng		98
41) Hexachlorocyclopentadiene	8.998	237	454137	86.625	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	327262	38.271	ng		95

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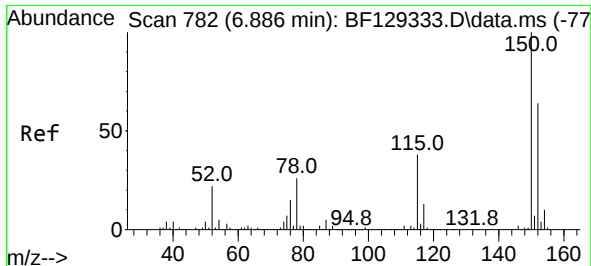
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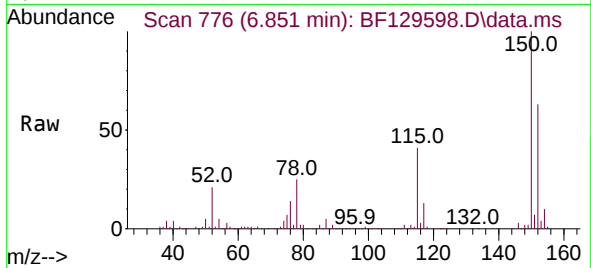
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.181	196	352712	37.930	ng	#	95
46) 1,1'-Biphenyl	9.316	154	1314429	40.169	ng		99
47) 2-Chloronaphthalene	9.339	162	1033590	39.073	ng		100
48) 2-Nitroaniline	9.445	65	341439	38.817	ng		87
49) Acenaphthylene	9.757	152	1550148	38.566	ng		100
50) Dimethylphthalate	9.616	163	1243457	40.173	ng		99
51) 2,6-Dinitrotoluene	9.686	165	282234	40.739	ng		95
52) Acenaphthene	9.928	154	1133312m	43.169	ng		08/08/2022
53) 3-Nitroaniline	9.857	138	242522	29.646	ng	#	94
54) 2,4-Dinitrophenol	9.969	184	285189	80.639	ng		93
55) Dibenzofuran	10.104	168	1408115	38.909	ng		98
56) 4-Nitrophenol	10.039	139	377336	62.522	ng		91
57) 2,4-Dinitrotoluene	10.092	165	362444	40.048	ng		99
58) Fluorene	10.445	166	1147426	39.626	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	259271	36.079	ng		92
60) Diethylphthalate	10.316	149	1213846	40.568	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	522625	40.939	ng		91
62) 4-Nitroaniline	10.481	138	299820	36.945	ng		96
63) Azobenzene	10.592	77	1160000	38.009	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	189085	39.686	ng		93
66) n-Nitrosodiphenylamine	10.557	169	1002456	39.876	ng		96
67) 4-Bromophenyl-phenylether	10.922	248	341535	41.317	ng		92
68) Hexachlorobenzene	10.992	284	383365	42.803	ng		99
69) Atrazine	11.086	200	333595	43.688	ng		96
70) Pentachlorophenol	11.192	266	307460	63.146	ng		99
71) Phenanthrene	11.410	178	1606759	38.993	ng		99
72) Anthracene	11.463	178	1618910	39.979	ng		100
73) Carbazole	11.622	167	1533613	40.232	ng		99
74) Di-n-butylphthalate	11.933	149	1874587	41.295	ng		99
75) Fluoranthene	12.598	202	1681300	40.269	ng		98
77) Benzidine	12.722	184	704853	38.820	ng		99
78) Pyrene	12.833	202	1670815	38.875	ng		99
80) Butylbenzylphthalate	13.439	149	782388	41.969	ng		94
81) Benzo(a)anthracene	14.021	228	1382734	39.384	ng		100
82) 3,3'-Dichlorobenzidine	13.980	252	392852	33.891	ng		97
83) Chrysene	14.057	228	1247437	37.700	ng		100
84) Bis(2-ethylhexyl)phtha...	13.992	149	1066071	43.437	ng	#	98
85) Di-n-octyl phthalate	14.604	149	1555794	44.051	ng		96
87) Indeno(1,2,3-cd)pyrene	16.998	276	1029119	40.821	ng		99
88) Benzo(b)fluoranthene	15.074	252	1134074	45.668	ng		100
89) Benzo(k)fluoranthene	15.104	252	1040343	42.750	ng		99
90) Benzo(a)pyrene	15.445	252	913811	45.331	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	893908	43.565	ng		100
92) Benzo(g,h,i)perylene	17.457	276	898019	42.830	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129598.D
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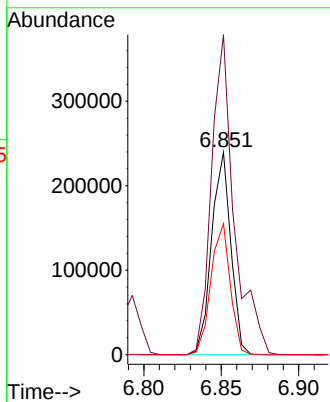
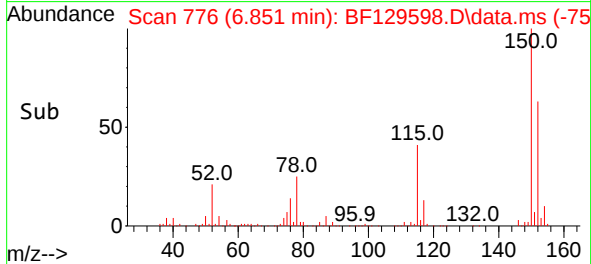
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 206986
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 64.6 49.9 74.9

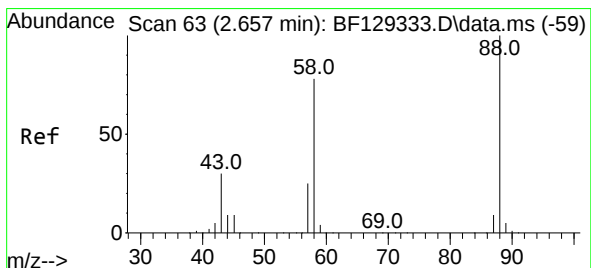
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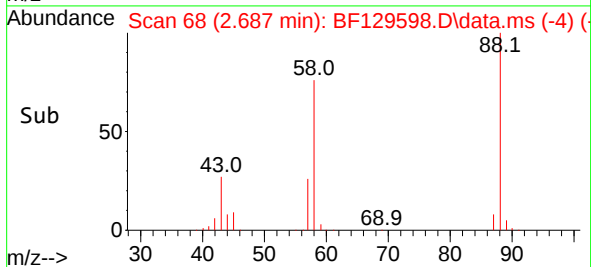
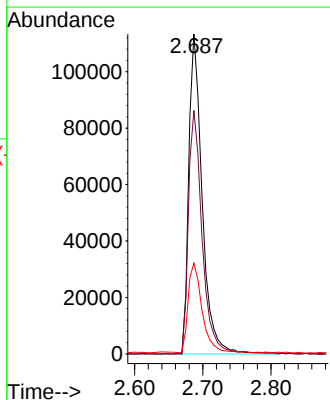
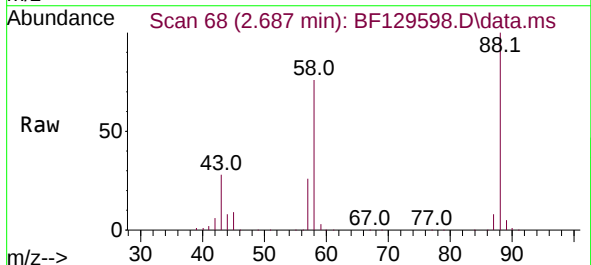
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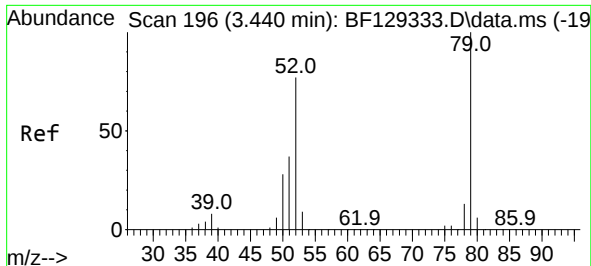
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#2
1,4-Dioxane
Concen: 27.008 ng
RT: 2.687 min Scan# 68
Delta R.T. 0.077 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

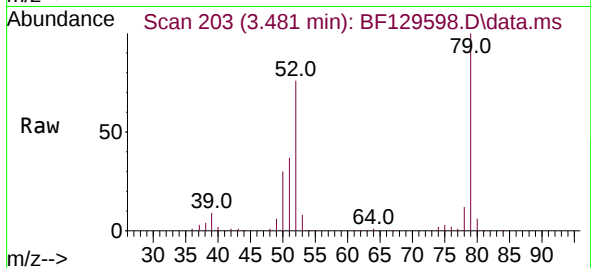
Tgt Ion: 88 Resp: 154837
Ion Ratio Lower Upper
88 100
58 78.1 71.8 107.8
43 29.1 26.6 39.8





#3
Pyridine
Concen: 25.614 ng
RT: 3.481 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

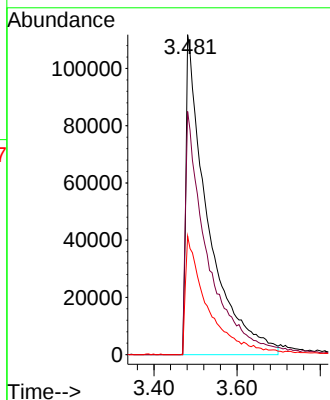
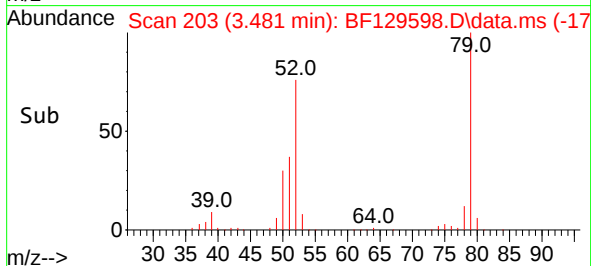
Instrument :
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Tgt Ion: 79 Resp: 407791
Ion Ratio Lower Upper
79 100
52 76.0 68.6 102.8
51 37.0 32.9 49.3

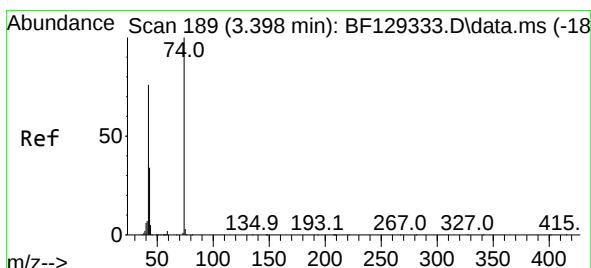
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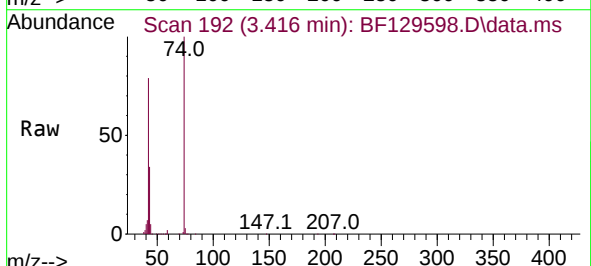


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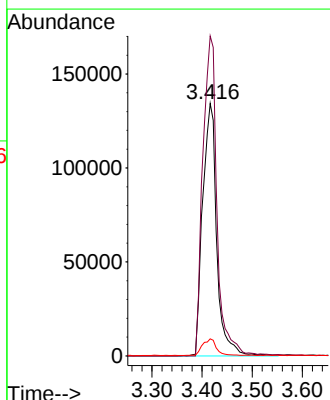
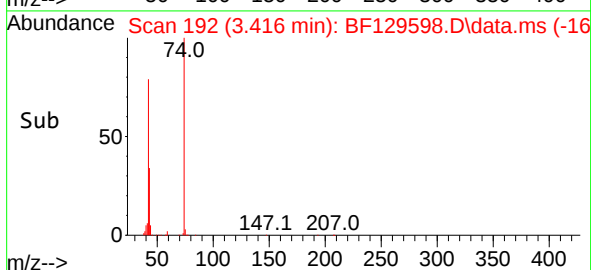
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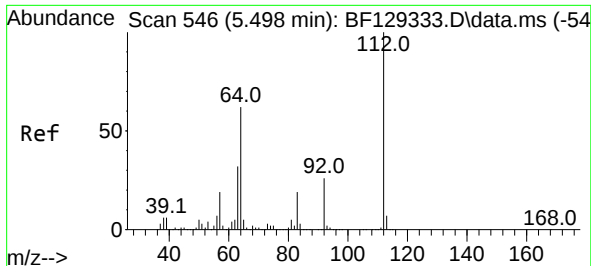


#4
n-Nitrosodimethylamine
Concen: 37.527 ng
RT: 3.416 min Scan# 192
Delta R.T. 0.065 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



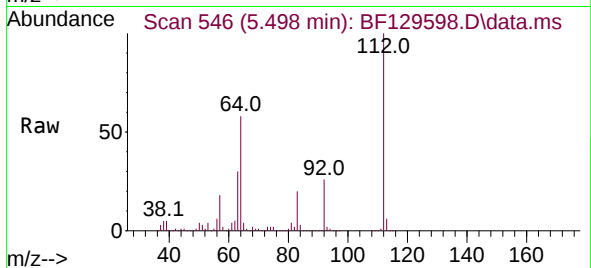
Tgt Ion: 42 Resp: 262352
Ion Ratio Lower Upper
42 100
74 126.8 94.8 142.2
44 6.7 6.6 10.0





#5
2-Fluorophenol
Concen: 111.735 ng
RT: 5.498 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

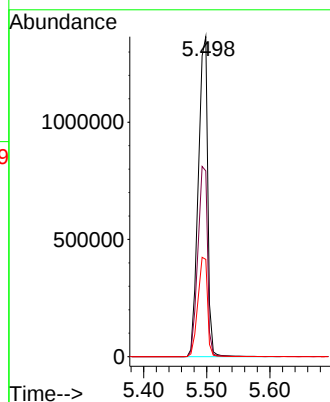
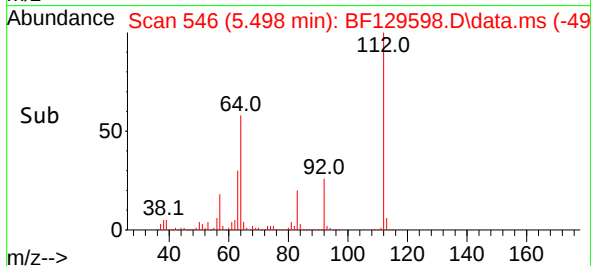
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Tgt Ion: 112 Resp: 1419738
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 30.4 28.0 42.0

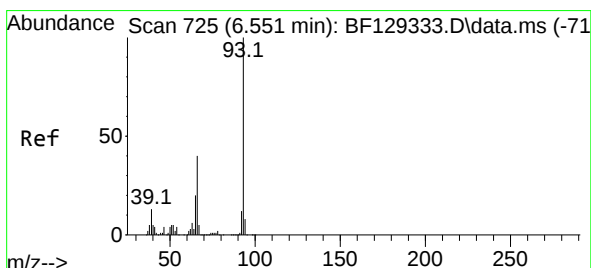
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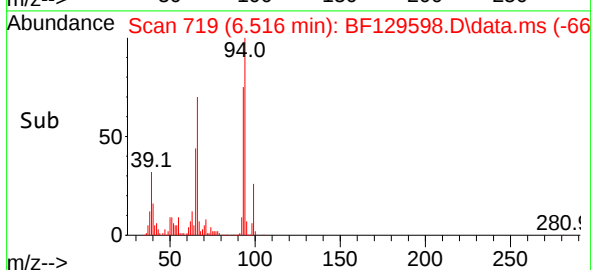
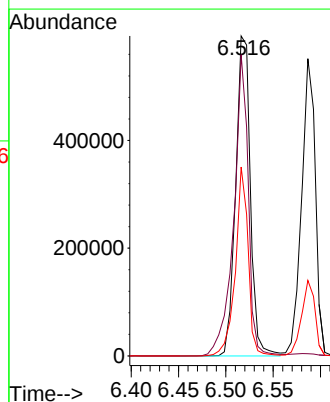
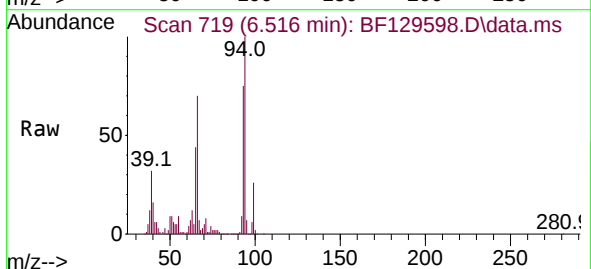
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#6
Aniline
Concen: 32.468 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129598.D
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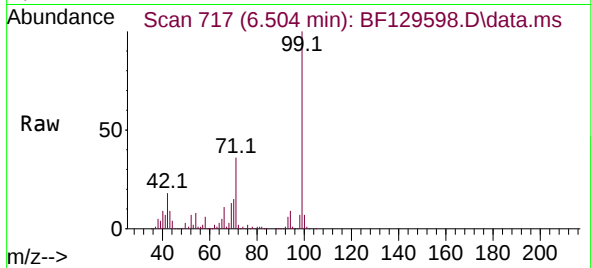
Tgt Ion: 93 Resp: 644646
Ion Ratio Lower Upper
93 100
66 94.1 32.5 48.7#
65 59.0 16.4 24.6#





#7
Phenol-d6
Concen: 111.559 ng
RT: 6.504 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

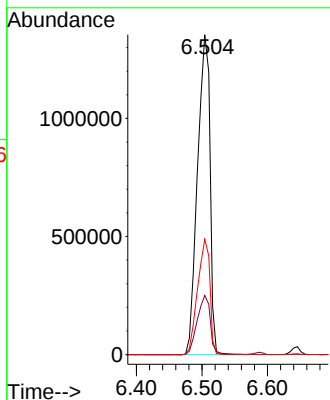
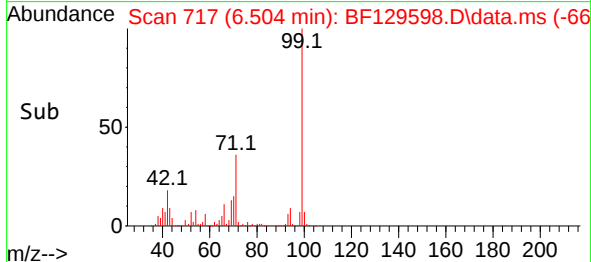
Instrument :
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Tgt Ion: 99 Resp: 1781721
Ion Ratio Lower Upper
99 100
42 18.5 17.3 25.9
71 36.0 28.9 43.3

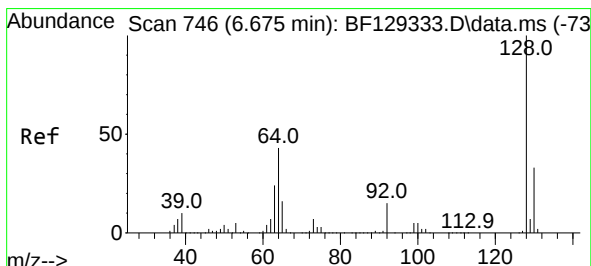
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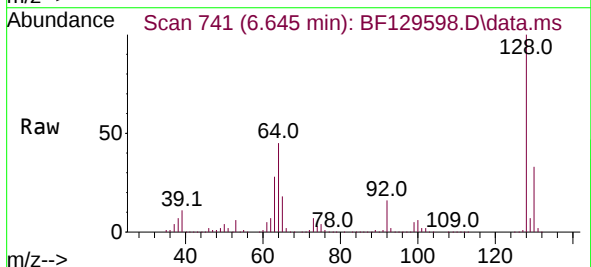


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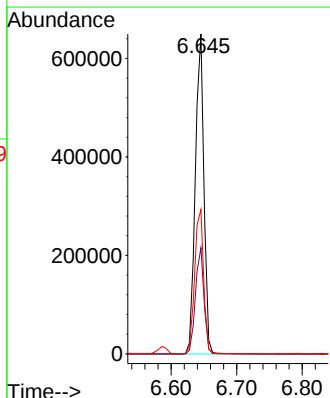
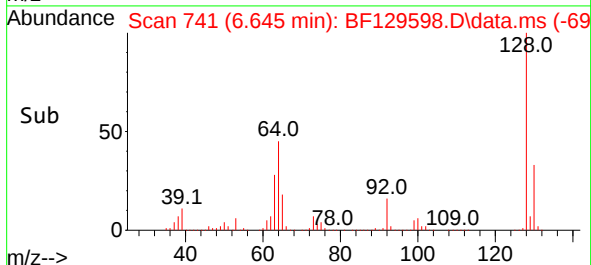
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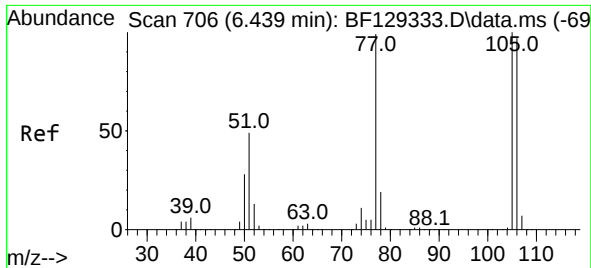


#8
2-Chlorophenol
Concen: 42.655 ng
RT: 6.645 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF129598.D
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Tgt Ion:128 Resp: 592128
Ion Ratio Lower Upper
128 100
130 33.2 13.1 53.1
64 45.1 30.9 70.9





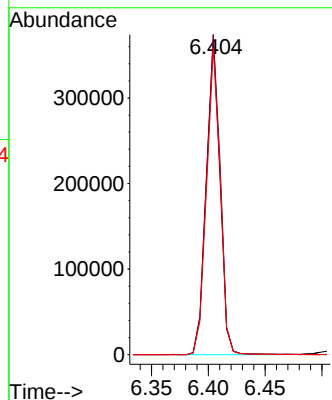
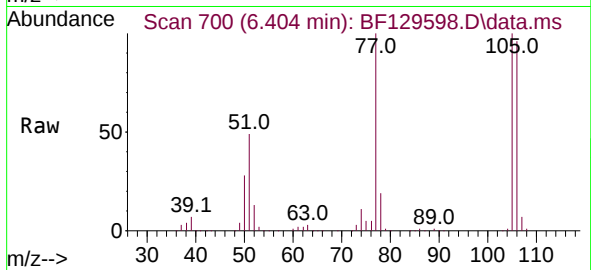
#9
Benzaldehyde
Concen: 28.750 ng
RT: 6.404 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF129598.D
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Instrument :
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ClientSampleId :
PB146537BS

Tgt Ion: 77 Resp: 311827
Ion Ratio Lower Upper
77 100
105 100.1 81.6 121.6
106 95.7 76.1 116.1

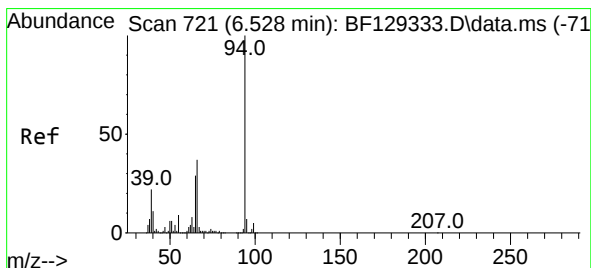
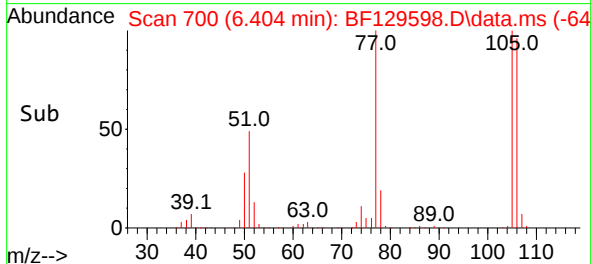
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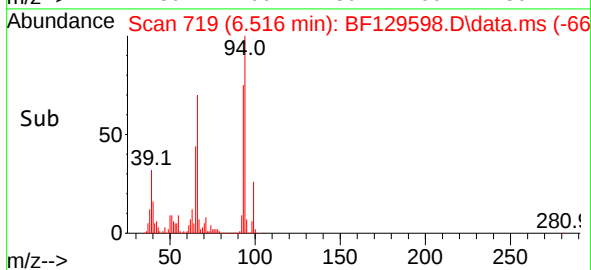
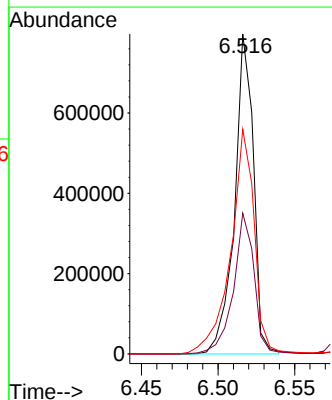
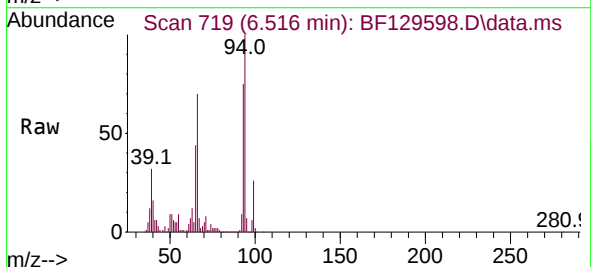
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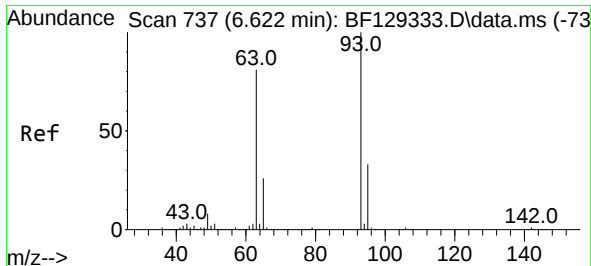
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#10
Phenol
Concen: 40.017 ng m
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 94 Resp: 680599
Ion Ratio Lower Upper
94 100
65 44.0 11.4 51.4
66 70.2 21.4 61.4#





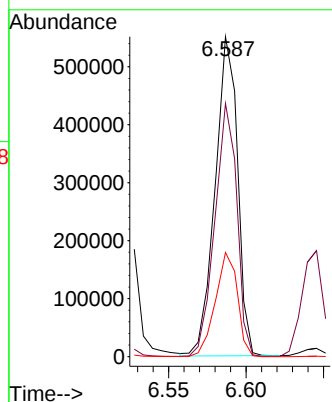
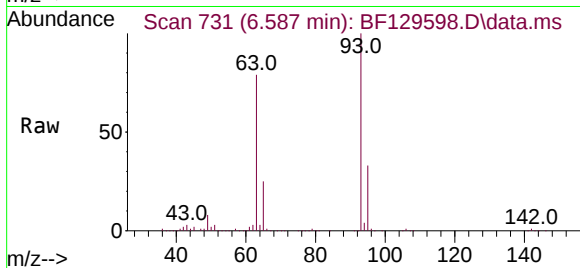
#11
bis(2-Chloroethyl)ether
Concen: 41.207 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion: 93 Resp: 555802
Ion Ratio Lower Upper
93 100
63 79.1 67.4 107.4
95 32.5 12.7 52.7

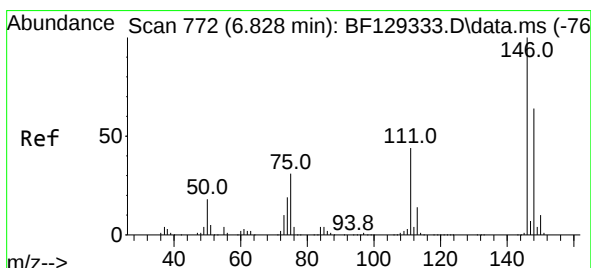
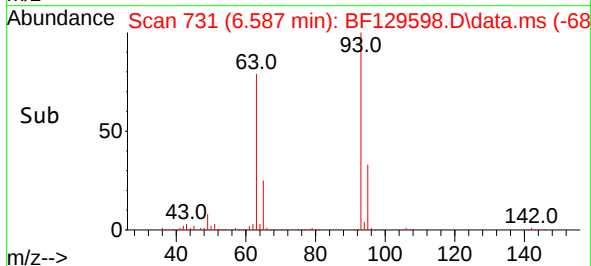
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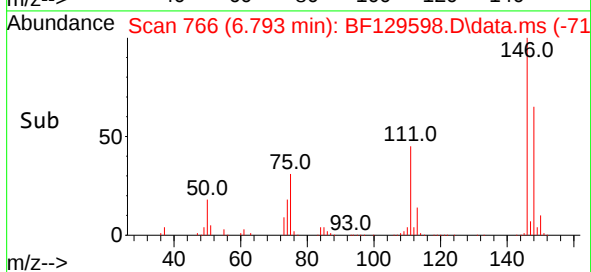
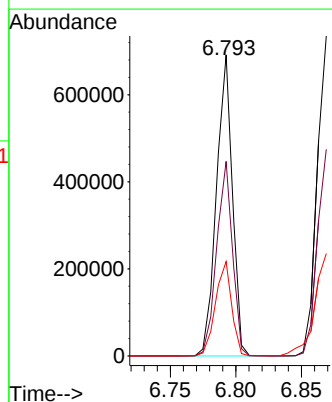
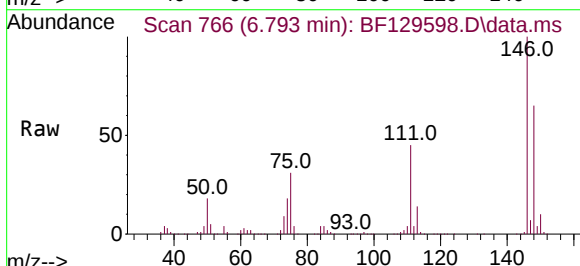
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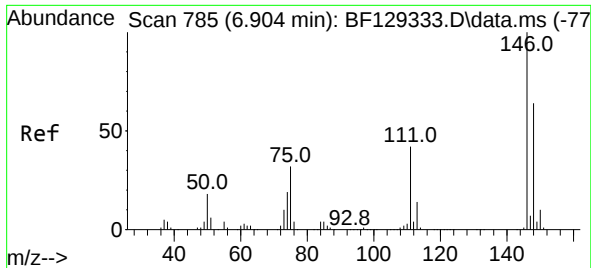
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#12
1,3-Dichlorobenzene
Concen: 39.363 ng
RT: 6.793 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

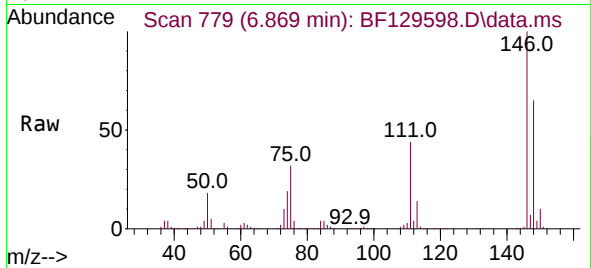
Tgt Ion:146 Resp: 586047
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 31.3 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 39.228 ng
RT: 6.869 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

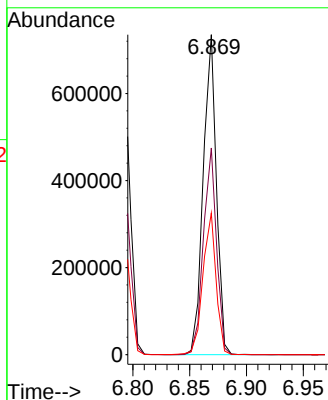
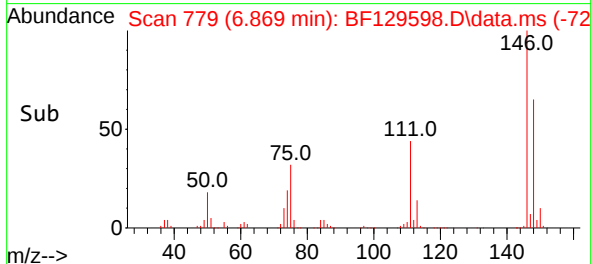
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:146 Resp: 593962
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 44.2 34.2 51.4

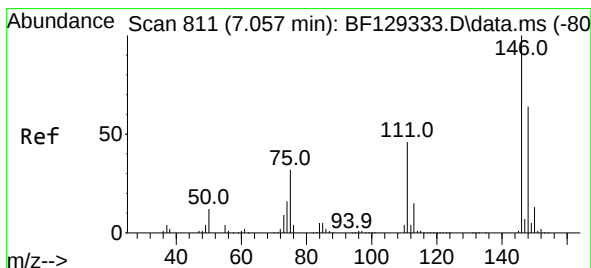
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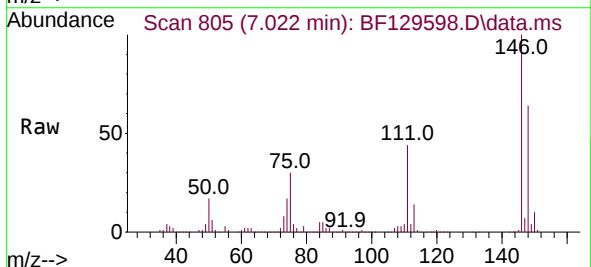


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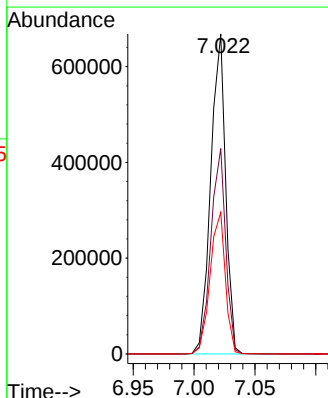
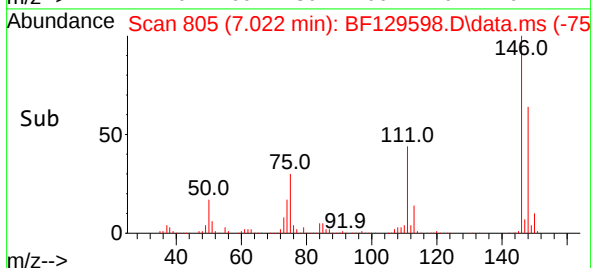
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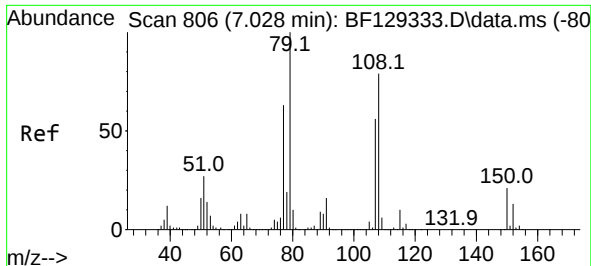


#14
1,2-Dichlorobenzene
Concen: 41.011 ng
RT: 7.022 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



Tgt Ion:146 Resp: 570771
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 44.2 35.1 52.7





#15
Benzyl Alcohol
Concen: 43.531 ng
RT: 7.004 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

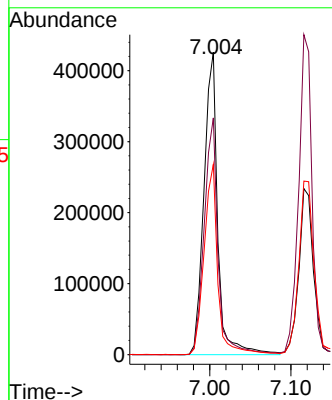
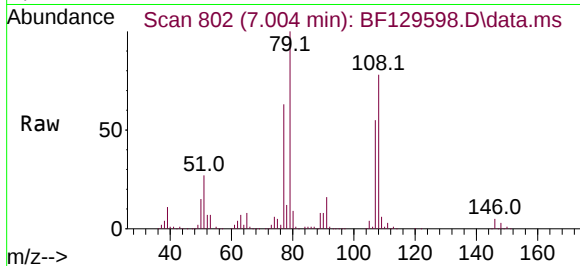
ClientSampleId :

PB146537BS

Tgt Ion: 79 Resp: 504223
Ion Ratio Lower Upper
79 100
108 78.3 61.8 92.6
77 62.9 50.2 75.4

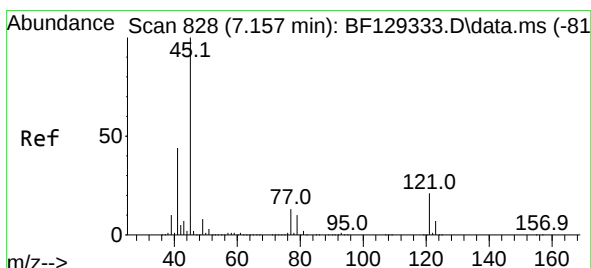
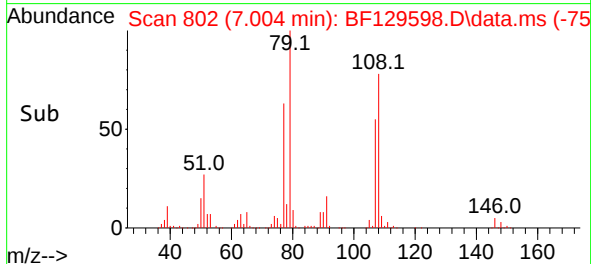
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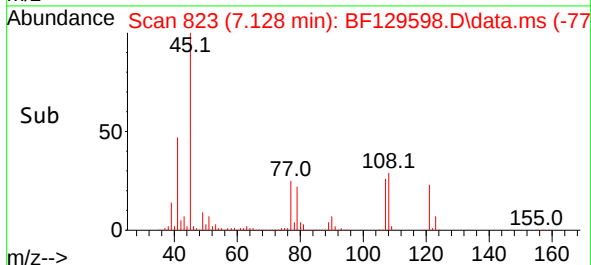
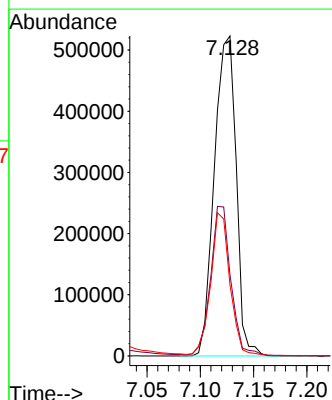
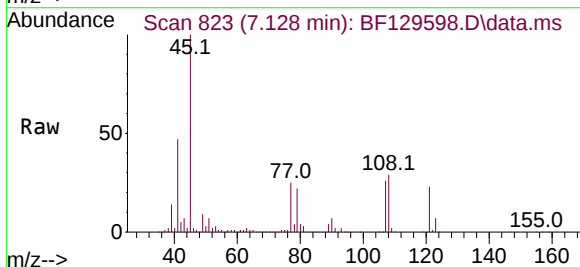
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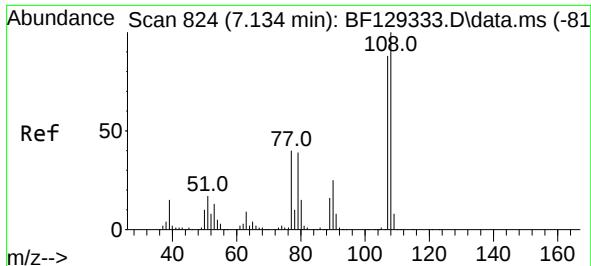
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.671 ng
RT: 7.128 min Scan# 823
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

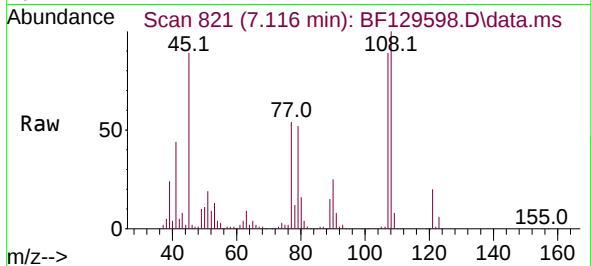
Tgt Ion: 45 Resp: 743510
Ion Ratio Lower Upper
45 100
77 25.4 0.0 31.3
79 22.2 0.0 28.3





#17
2-Methylphenol
Concen: 40.439 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

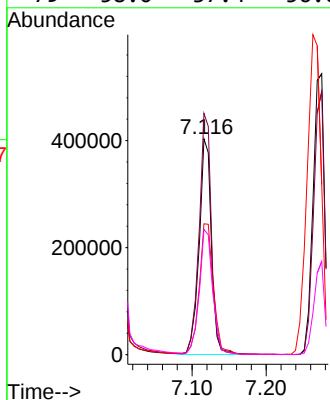
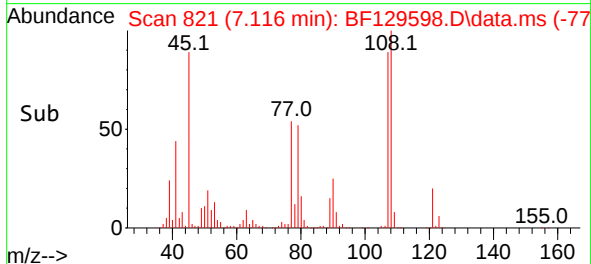
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:	107	Resp:	46571
Ion Ratio	Lower	Upper	
107	100		
108	111.8	91.9	137.9
77	60.6	37.8	56.8
79	58.0	37.4	56.0

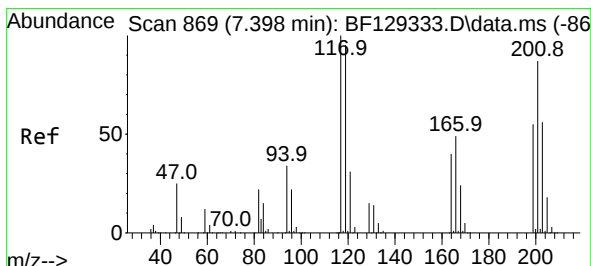
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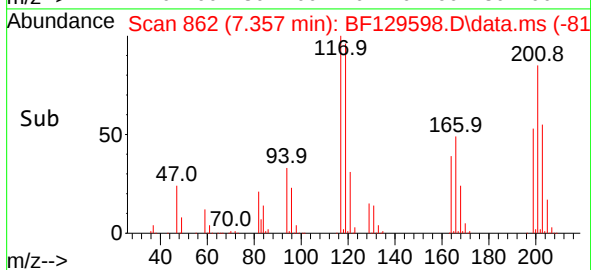
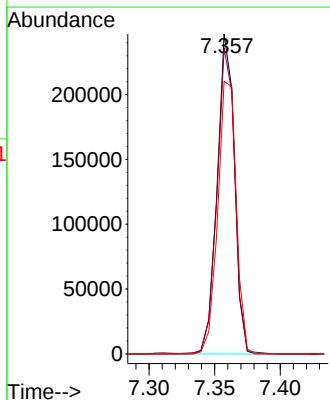
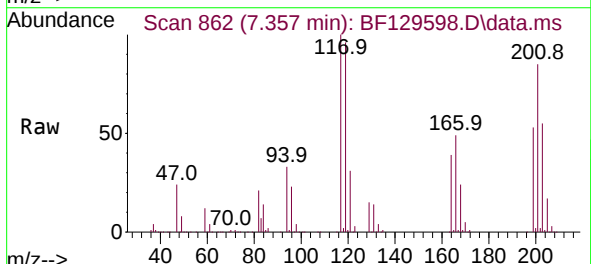
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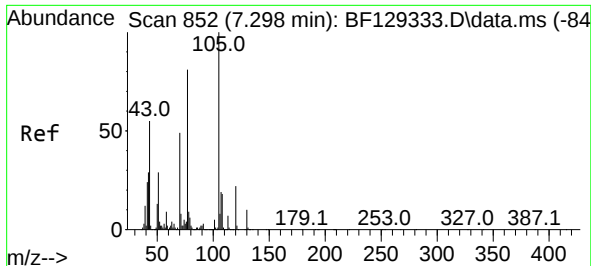
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#18
Hexachloroethane
Concen: 39.971 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

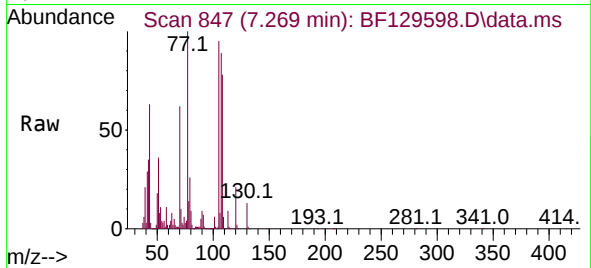
Tgt Ion:	117	Resp:	227893
Ion Ratio	Lower	Upper	
117	100		
119	95.5	77.4	116.2
201	85.2	84.6	127.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.364 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

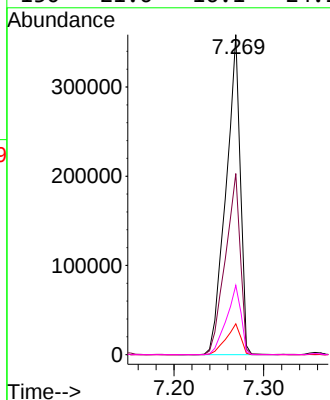
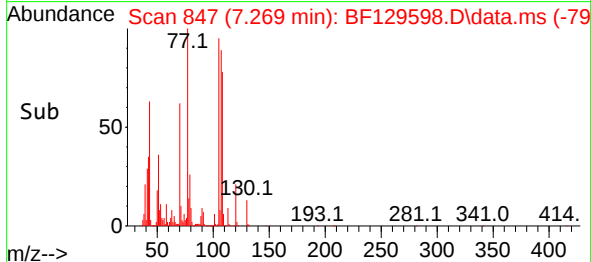
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion: 70 Resp: 399937
Ion Ratio Lower Upper
70 100
42 56.6 52.3 78.5
101 9.6 7.5 11.3
130 21.6 16.1 24.1

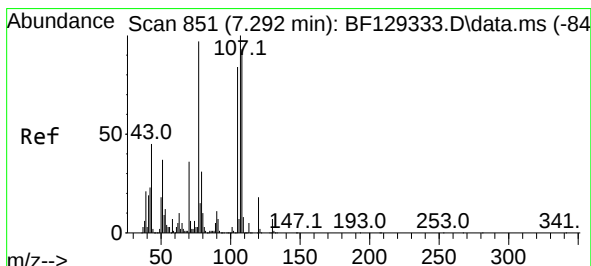
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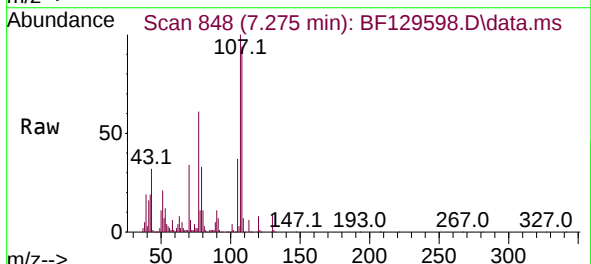


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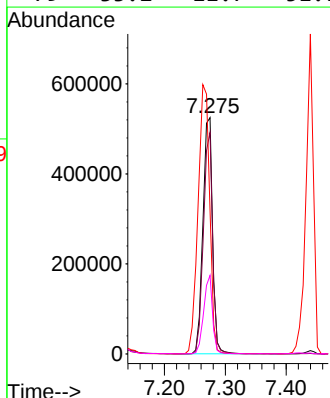
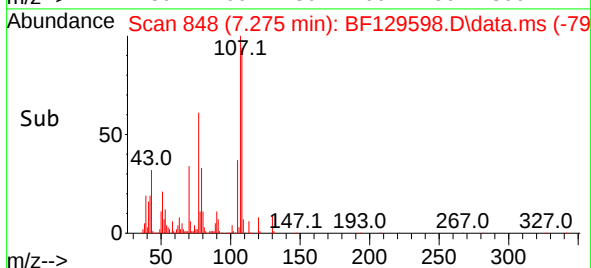
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#20
3+4-Methylphenols
Concen: 39.131 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



Tgt Ion:107 Resp: 572980
Ion Ratio Lower Upper
107 100
108 93.7 71.8 111.8
77 60.6 59.3 99.3
79 33.2 11.7 51.7





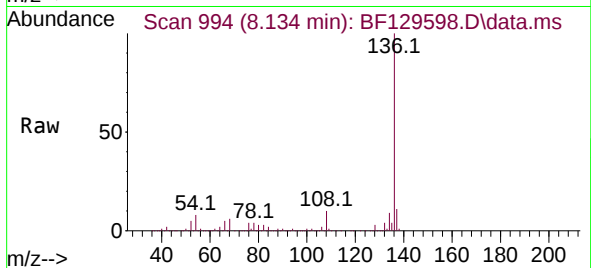
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

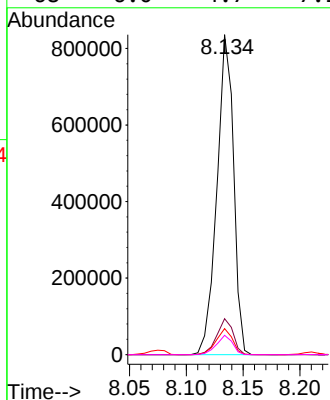
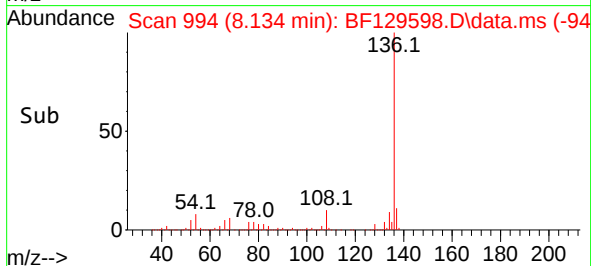
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Tgt Ion:136 Resp: 850892
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 7.5 11.3
68 6.0 4.7 7.1

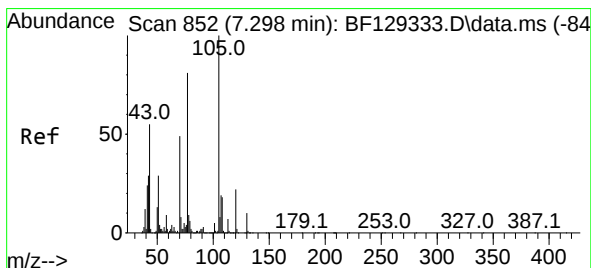
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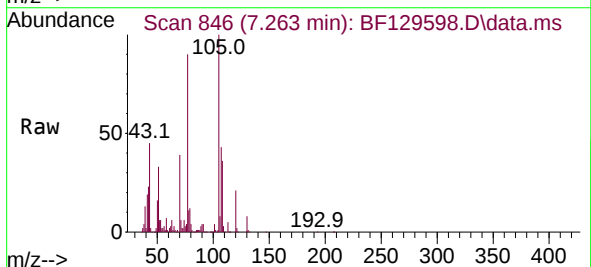


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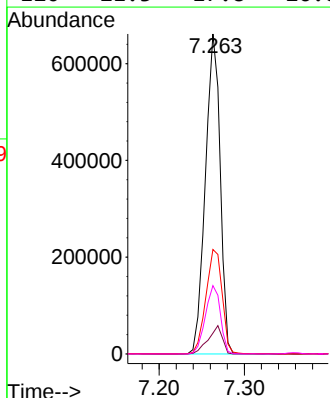
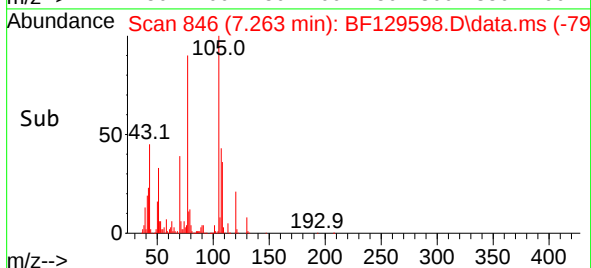
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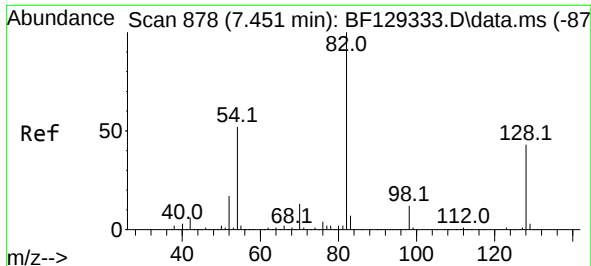


#22
Acetophenone
Concen: 40.142 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



Tgt Ion:105 Resp: 795228
Ion Ratio Lower Upper
105 100
71 6.5 5.0 7.4
51 32.6 25.0 37.4
120 21.3 17.8 26.8





#23

Nitrobenzene-d5

Concen: 74.021 ng

RT: 7.422 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 82 Resp: 1153794

Ion Ratio Lower Upper

82 100

128 44.3 34.0 51.0

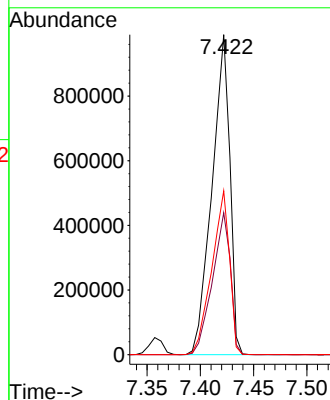
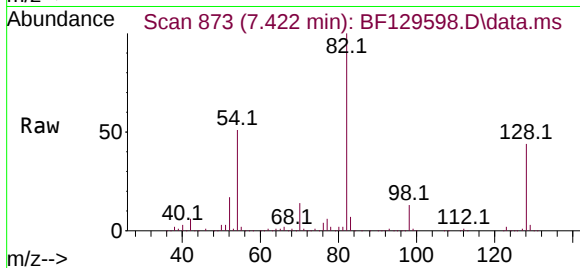
54 51.2 46.9 70.3

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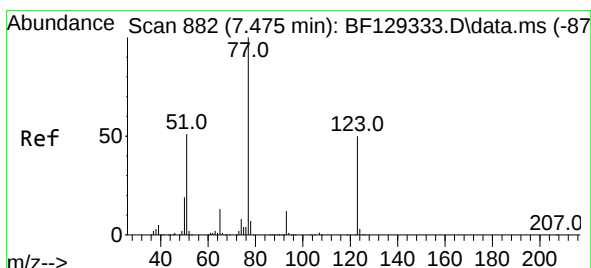
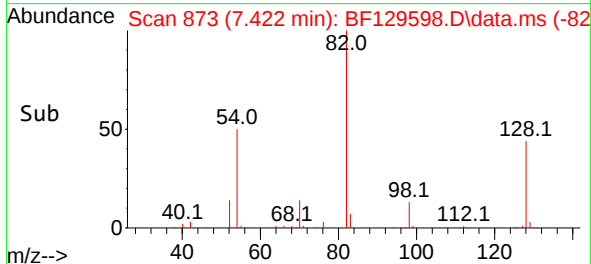
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Upadhyay

08/08/2022



#24

Nitrobenzene

Concen: 37.818 ng

RT: 7.440 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

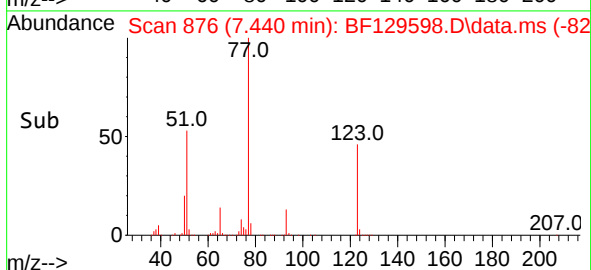
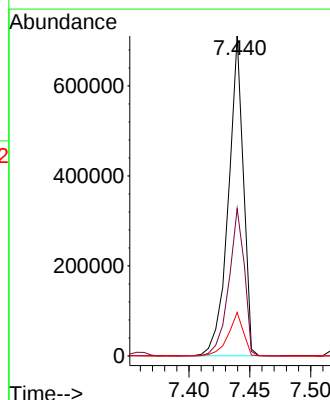
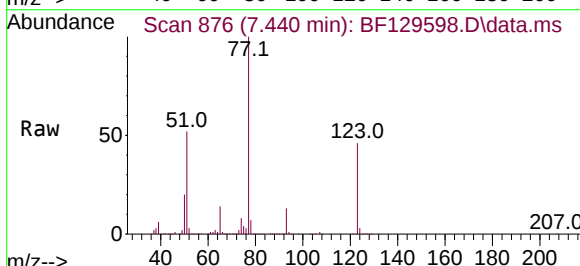
Tgt Ion: 77 Resp: 607025

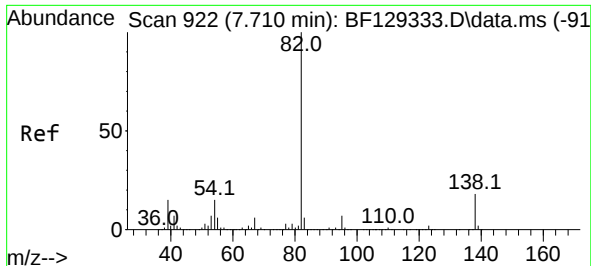
Ion Ratio Lower Upper

77 100

123 46.0 35.4 53.2

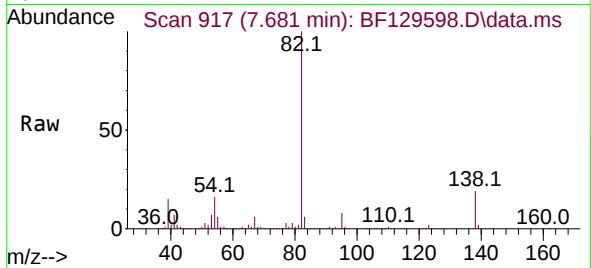
65 13.6 11.8 17.8





#25
Isophorone
Concen: 40.309 ng
RT: 7.681 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

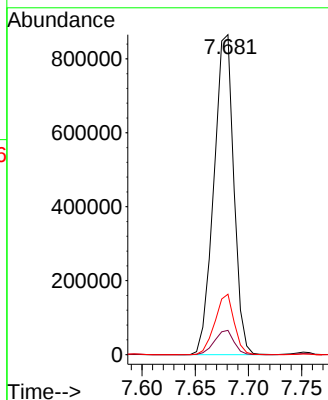
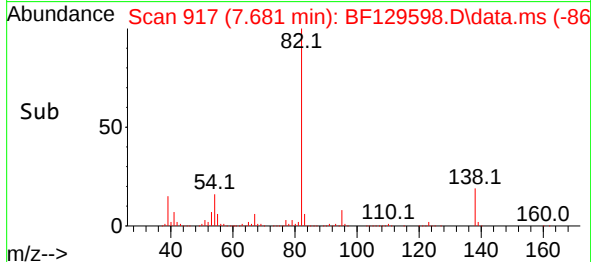
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion: 82 Resp: 1126253
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 18.9 14.2 21.2

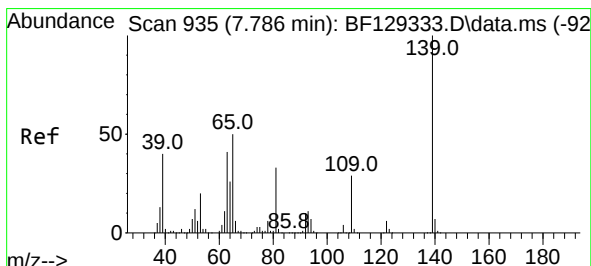
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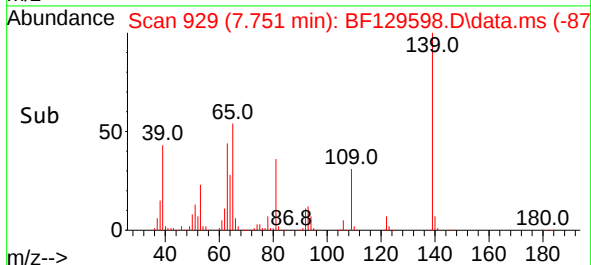
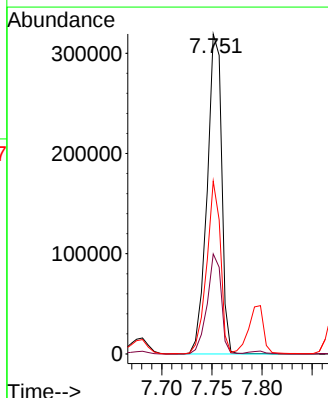
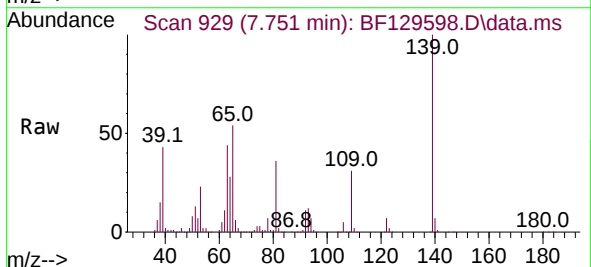
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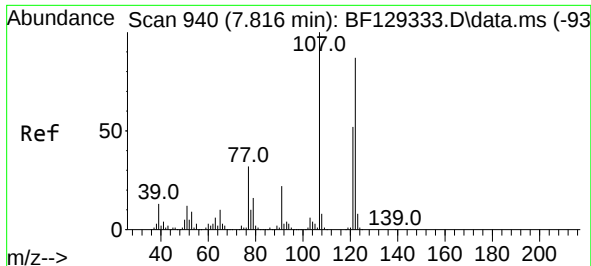
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#26
2-Nitrophenol
Concen: 40.569 ng
RT: 7.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

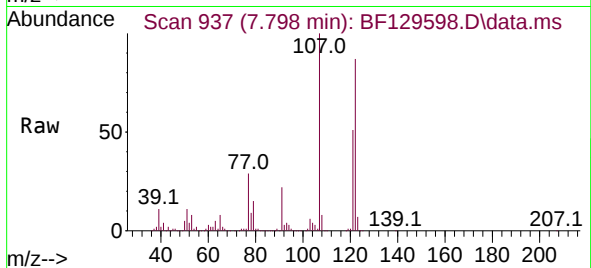
Tgt Ion:139 Resp: 321245
Ion Ratio Lower Upper
139 100
109 31.2 25.0 37.4
65 54.0 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 44.441 ng m
RT: 7.798 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

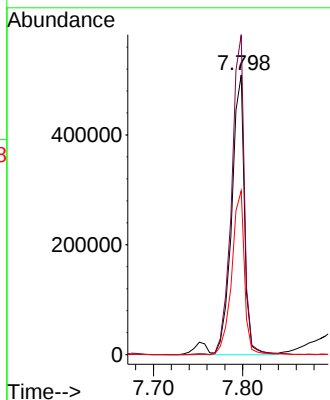
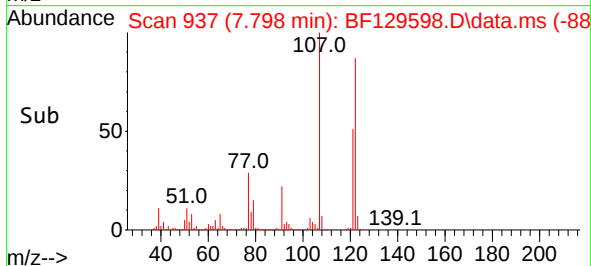
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:122 Resp: 527863
Ion Ratio Lower Upper
122 100
107 114.4 93.0 139.6
121 58.6 46.6 70.0

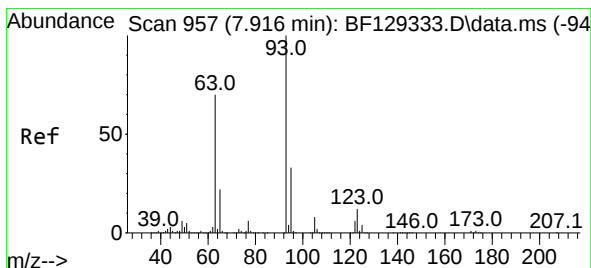
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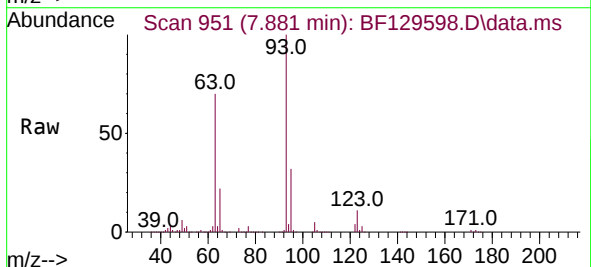


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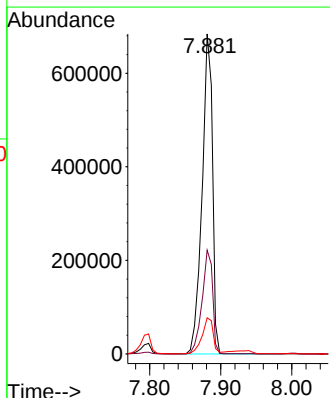
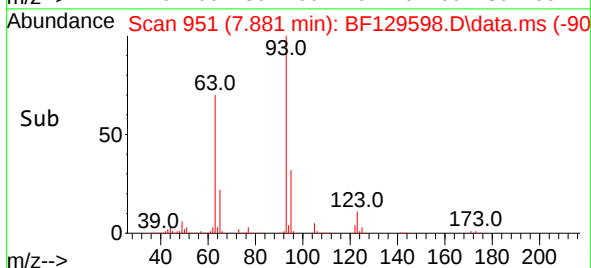
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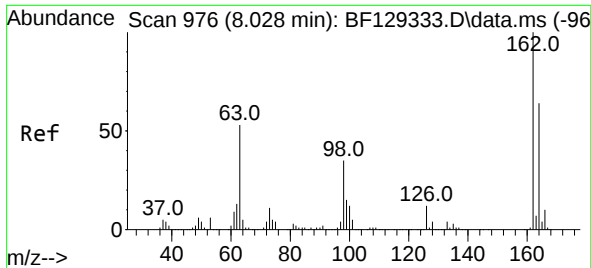


#28
bis(2-Chloroethoxy)methane
Concen: 42.606 ng
RT: 7.881 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



Tgt Ion: 93 Resp: 690570
Ion Ratio Lower Upper
93 100
95 32.4 26.8 40.2
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.067 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

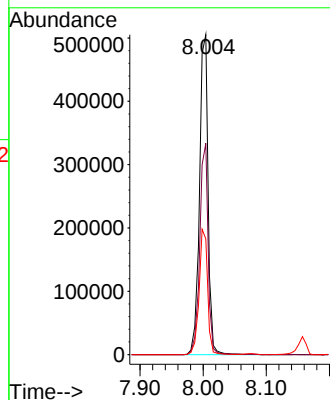
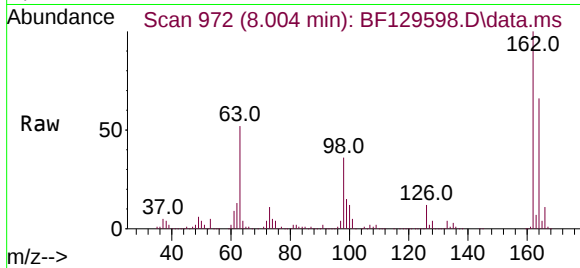
ClientSampleId :

PB146537BS

Tgt Ion:162 Resp: 478953
 Ion Ratio Lower Upper
 162 100
 164 66.0 44.2 84.2
 98 36.2 19.6 59.6

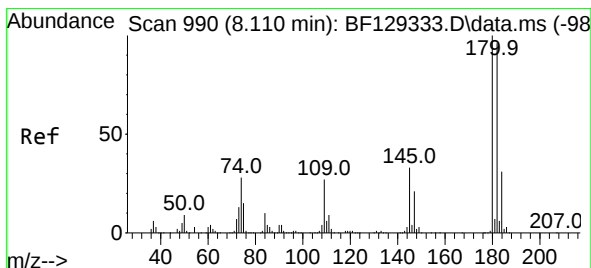
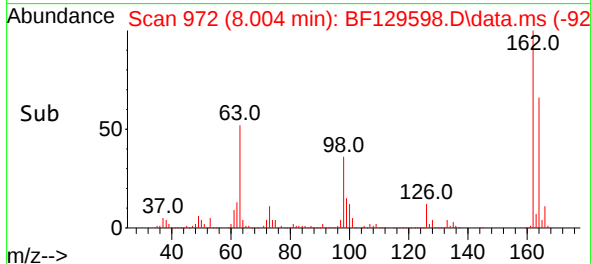
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#30

1,2,4-Trichlorobenzene

Concen: 37.944 ng

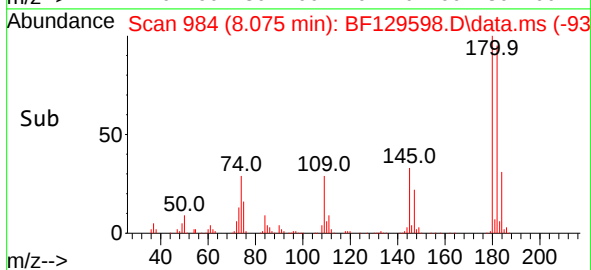
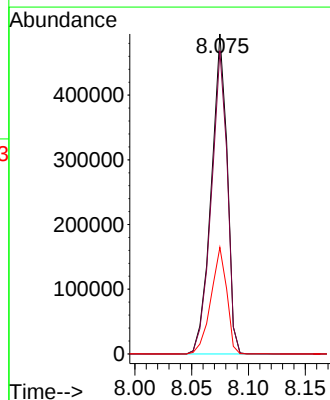
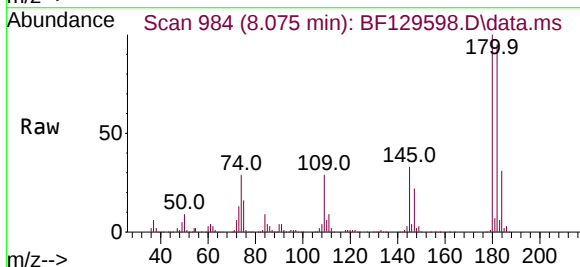
RT: 8.075 min Scan# 984

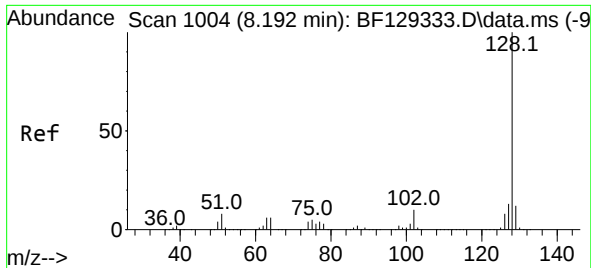
Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

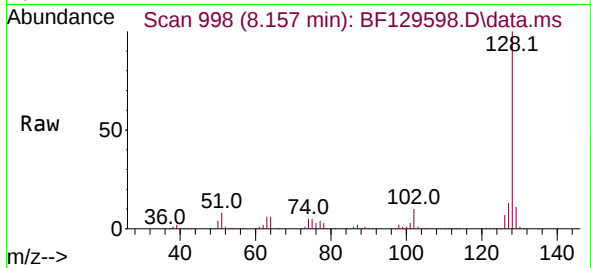
Tgt Ion:180 Resp: 481504
 Ion Ratio Lower Upper
 180 100
 182 94.8 79.2 118.8
 145 33.3 26.2 39.2





#31
Naphthalene
Concen: 38.000 ng
RT: 8.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

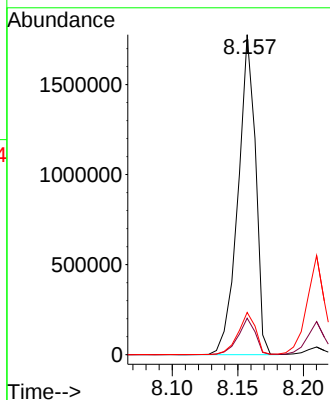
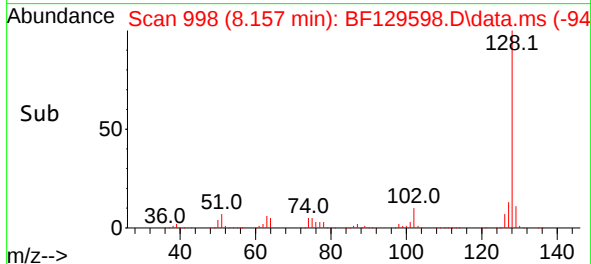
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:128 Resp: 1642739
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.5 15.7

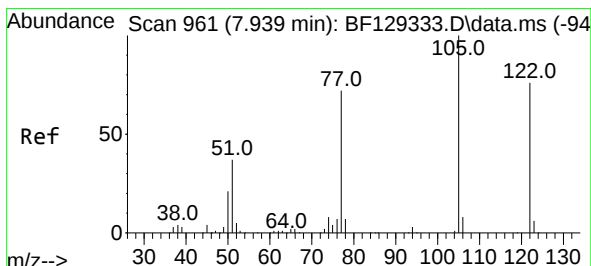
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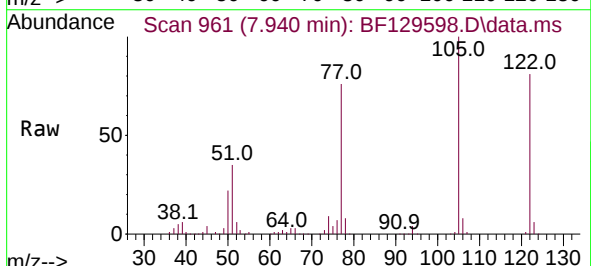


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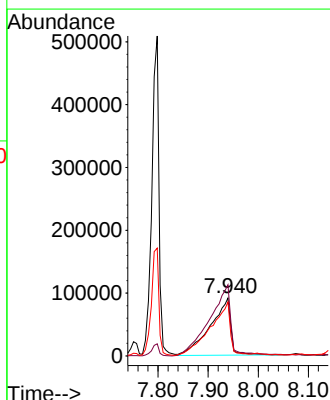
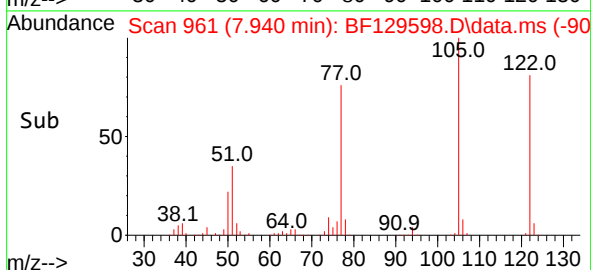
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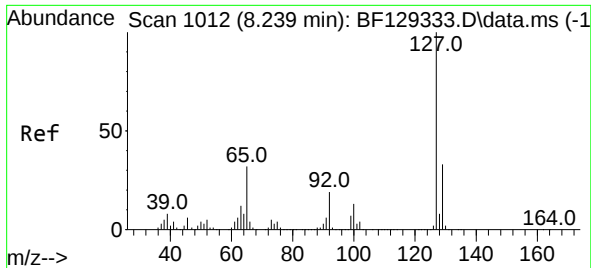


#32
Benzoic acid
Concen: 30.305 ng
RT: 7.940 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



Tgt Ion:122 Resp: 260226
Ion Ratio Lower Upper
122 100
105 122.9 107.1 147.1
77 93.4 74.2 114.2





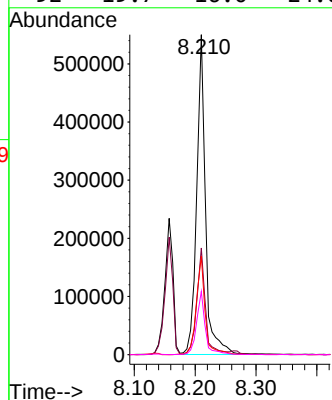
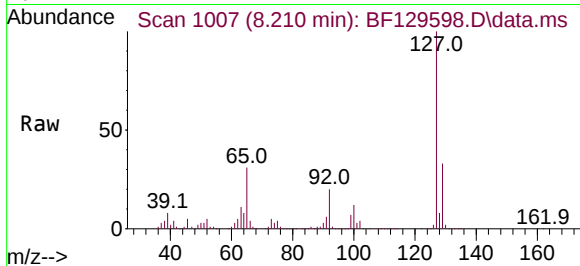
#33
4-Chloroaniline
Concen: 31.461 ng
RT: 8.210 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion:	127	Resp:	558394
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.4	39.6
65	30.7	26.4	39.6
92	19.7	16.0	24.0

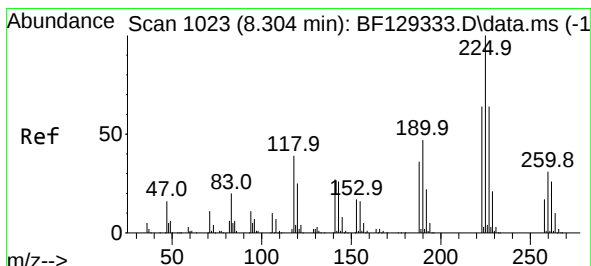
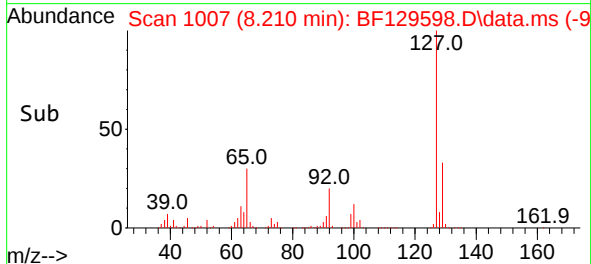
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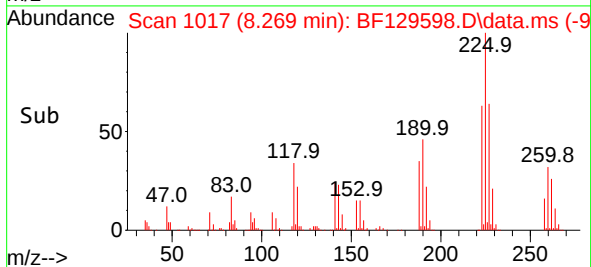
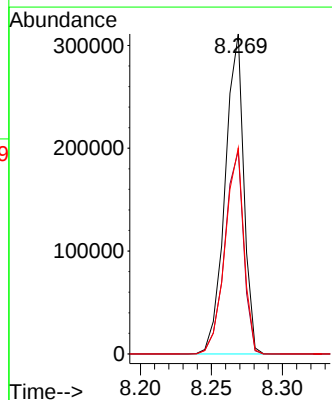
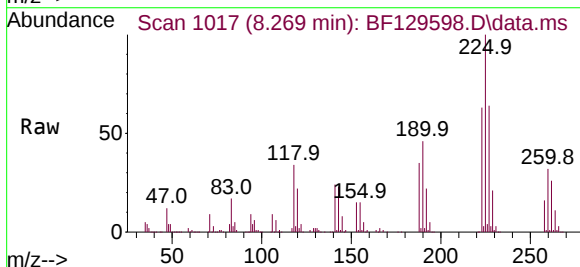
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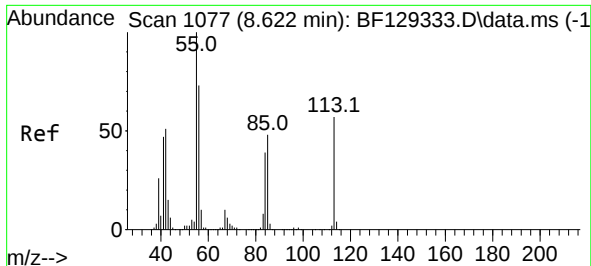
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#34
Hexachlorobutadiene
Concen: 39.634 ng
RT: 8.269 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

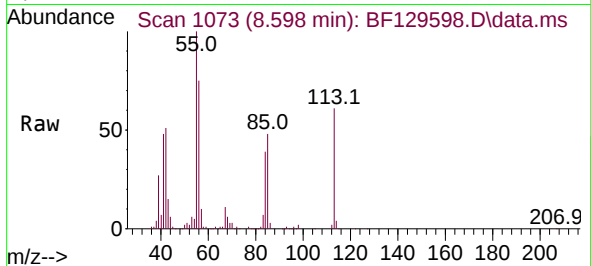
Tgt Ion:	225	Resp:	285890
Ion Ratio	Lower	Upper	
225	100		
223	63.4	51.0	76.6
227	64.4	51.1	76.7





#35
Caprolactam
Concen: 41.242 ng m
RT: 8.598 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

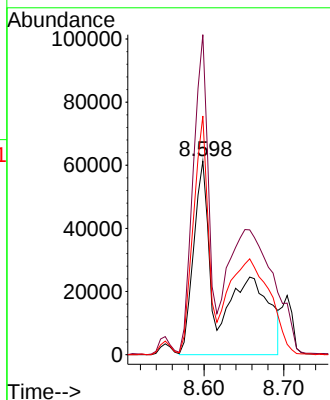
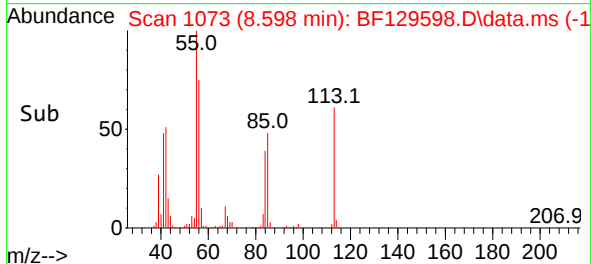
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:113 Resp: 164382
Ion Ratio Lower Upper
113 100
55 165.3 188.5 228.5
56 123.2 130.6 170.6

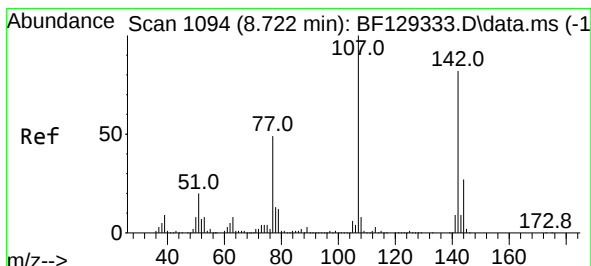
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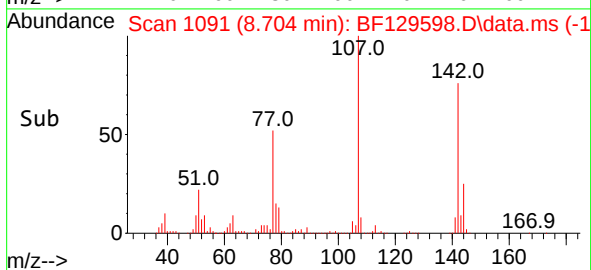
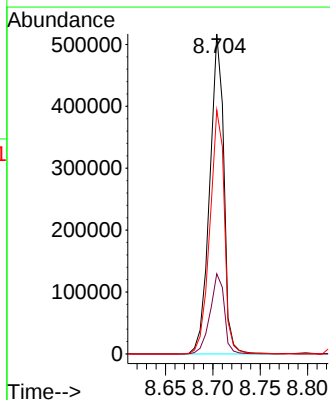
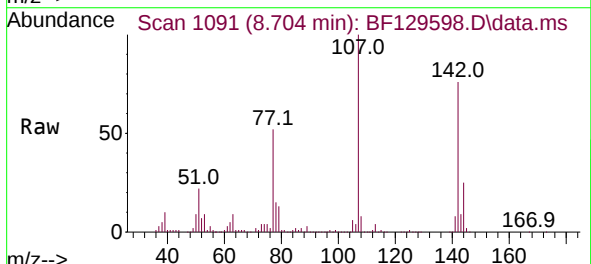
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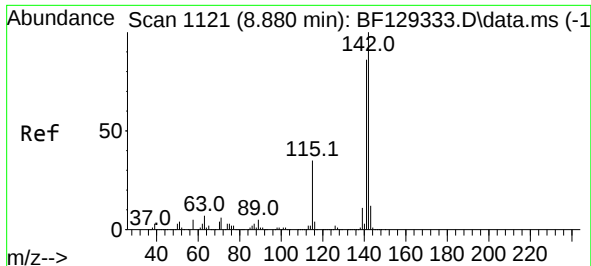
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#36
4-Chloro-3-methylphenol
Concen: 41.329 ng
RT: 8.704 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:107 Resp: 537395
Ion Ratio Lower Upper
107 100
144 25.0 19.5 29.3
142 76.2 58.2 87.4





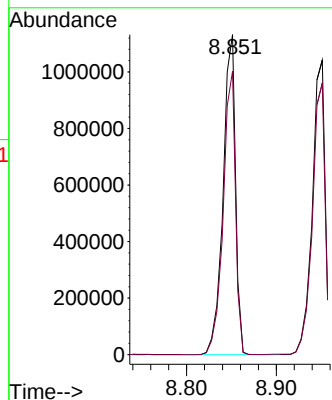
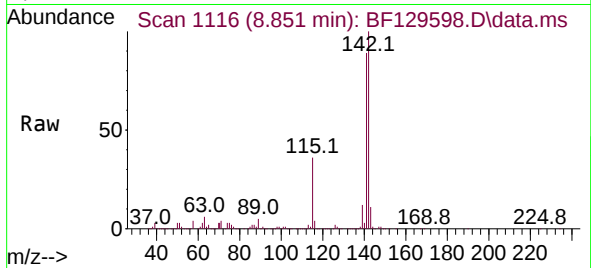
#37
2-Methylnaphthalene
Concen: 39.008 ng
RT: 8.851 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion:142 Resp: 109589
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4

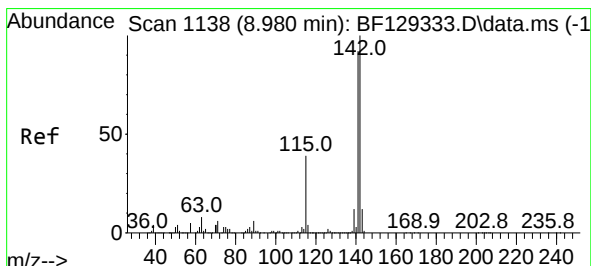
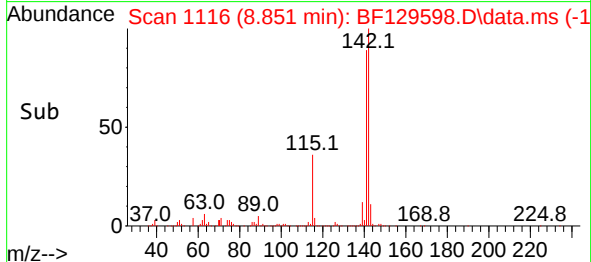
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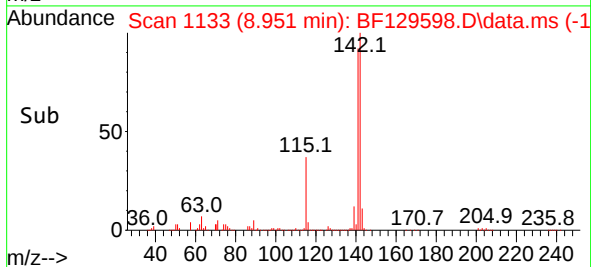
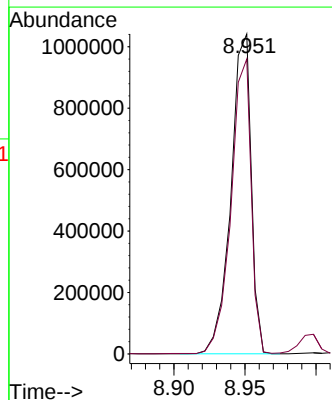
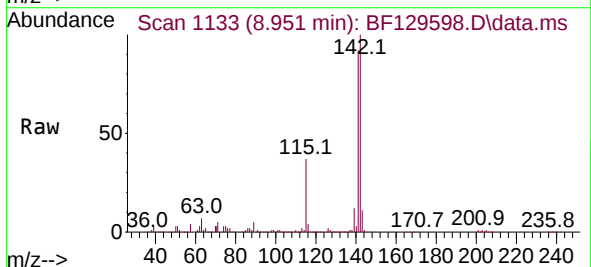
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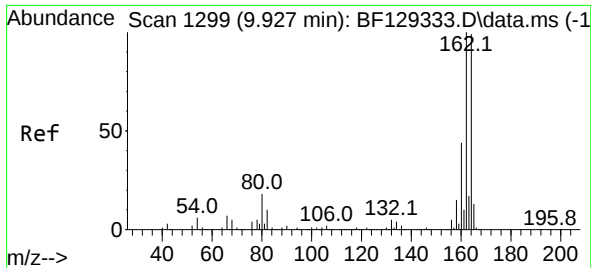
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#38
1-Methylnaphthalene
Concen: 38.035 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

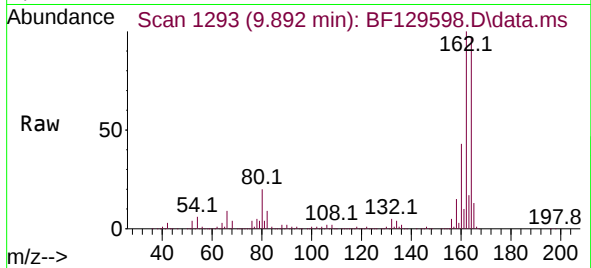
Tgt Ion:142 Resp: 1031524
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

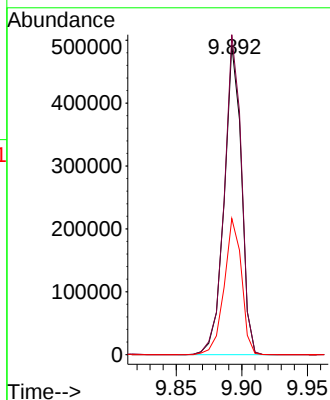
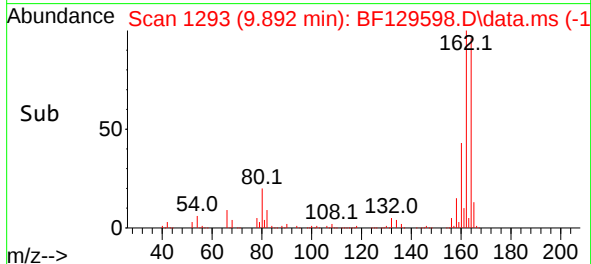
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:164 Resp: 448373
Ion Ratio Lower Upper
164 100
162 103.3 79.5 119.3
160 43.9 34.2 51.4

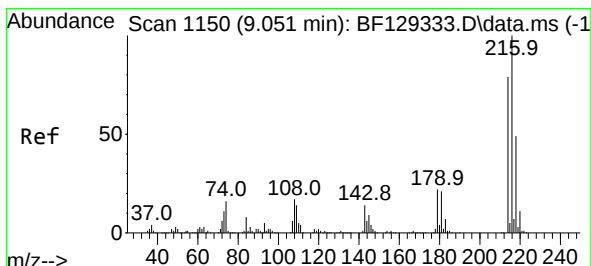
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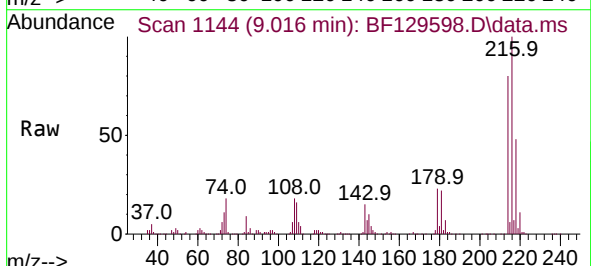


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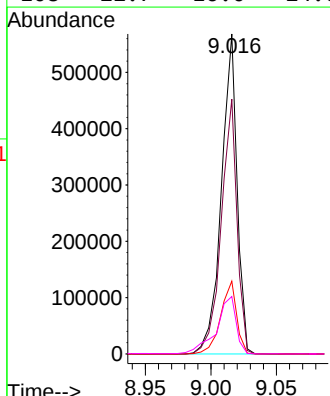
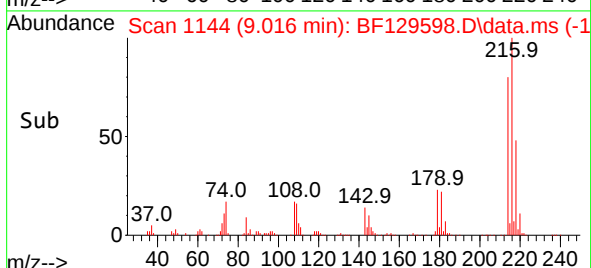
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.246 ng
RT: 9.016 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



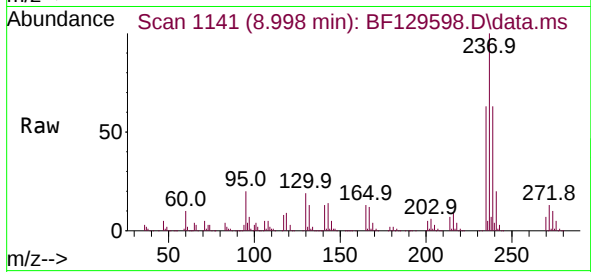
Tgt Ion:216 Resp: 473828
Ion Ratio Lower Upper
216 100
214 79.9 63.6 95.4
179 23.1 17.0 25.6
108 22.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 86.625 ng
RT: 8.998 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

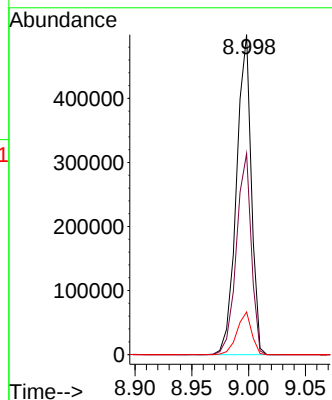
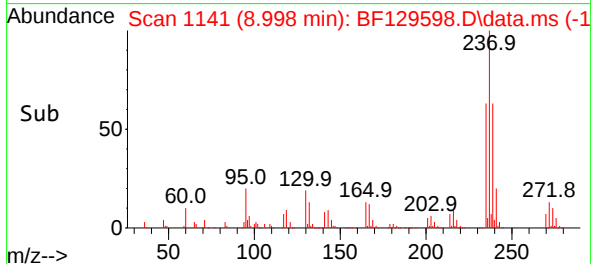
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion: 237 Resp: 454137
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 13.3 0.0 31.9

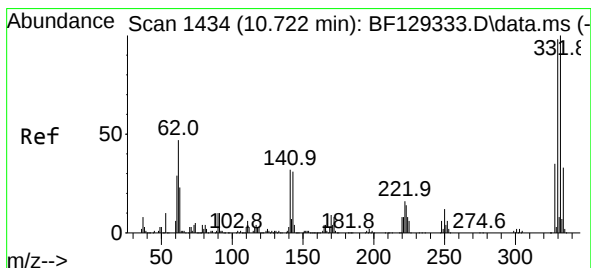
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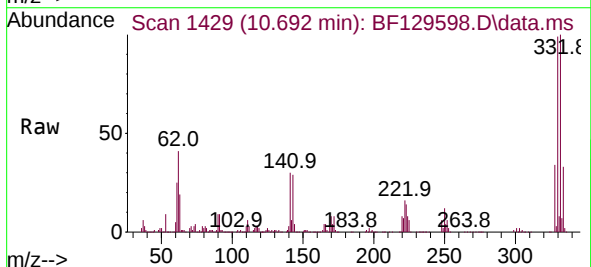


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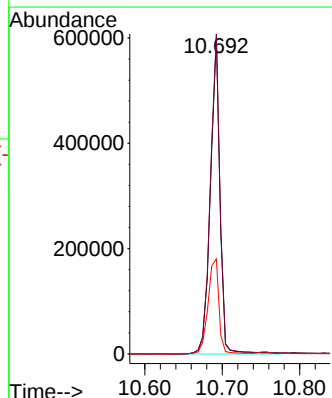
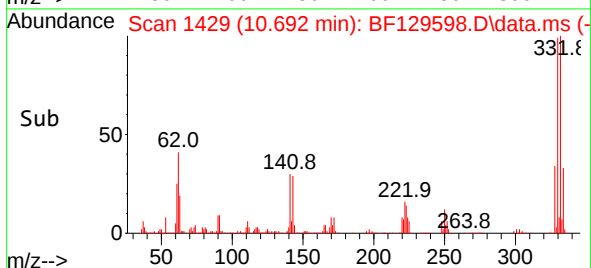
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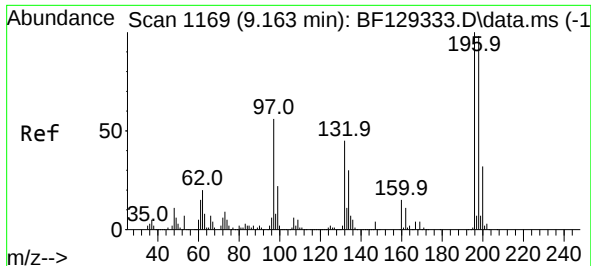


#42
2,4,6-Tribromophenol
Concen: 119.418 ng
RT: 10.692 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



Tgt Ion: 330 Resp: 514783
Ion Ratio Lower Upper
330 100
332 103.3 76.8 115.2
141 34.4 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 38.271 ng
RT: 9.134 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

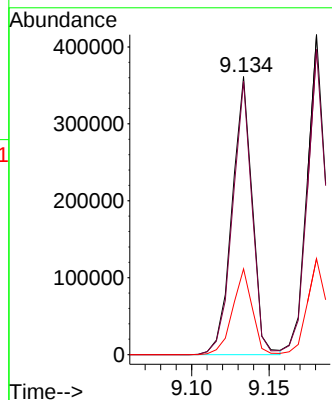
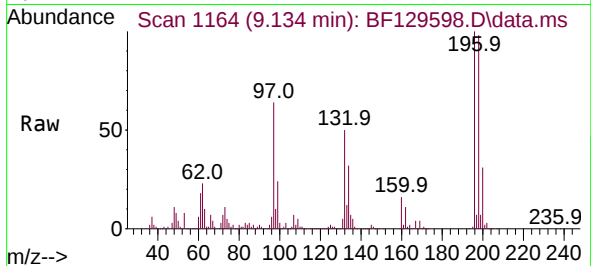
ClientSampleId :

PB146537BS

Tgt Ion:196 Resp: 327262
Ion Ratio Lower Upper
196 100
198 98.4 74.0 111.0
200 30.8 24.1 36.1

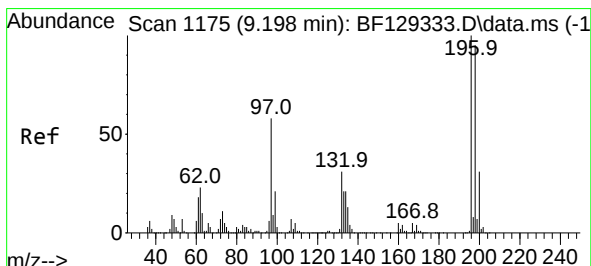
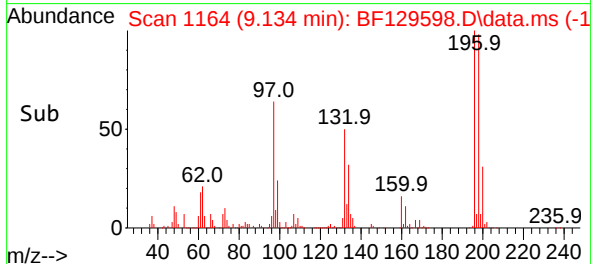
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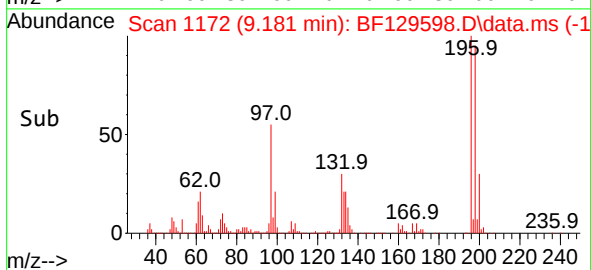
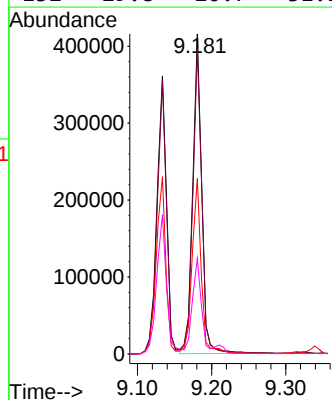
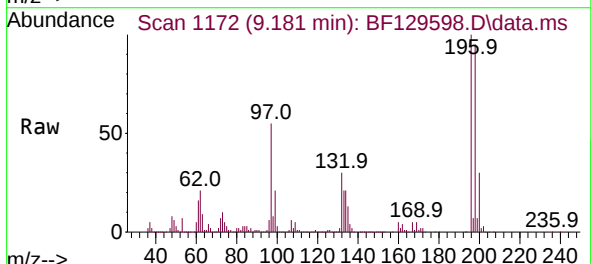
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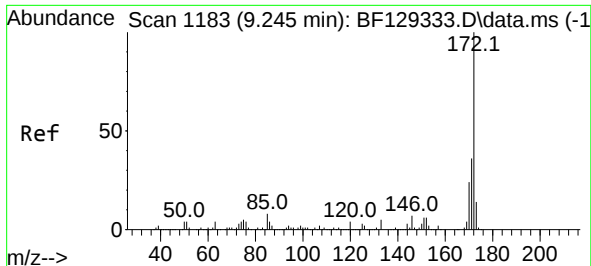
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#44
2,4,5-Trichlorophenol
Concen: 37.930 ng
RT: 9.181 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:196 Resp: 352712
Ion Ratio Lower Upper
196 100
198 95.3 75.7 113.5
97 54.8 36.4 54.6#
132 29.8 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 72.891 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

Tgt Ion:172 Resp: 2112706

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

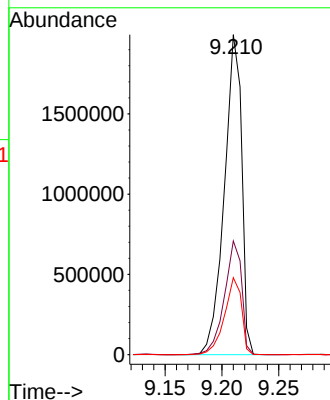
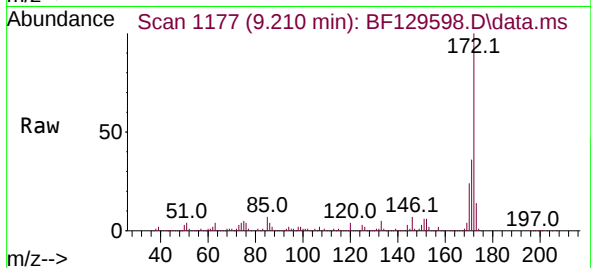
170 24.0 19.8 29.8

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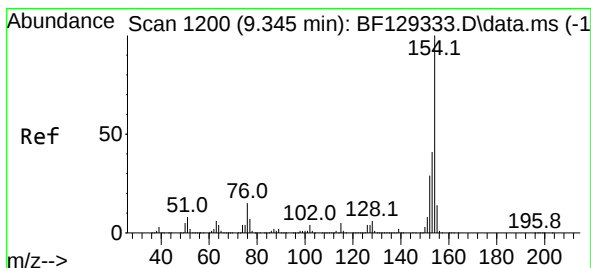
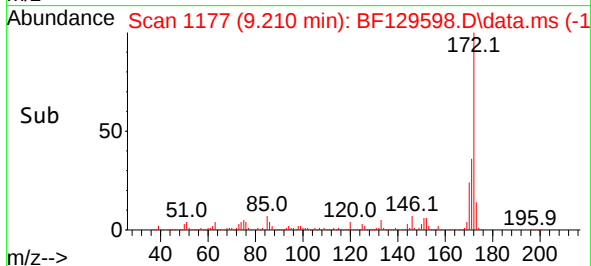
Reviewed By :Christian Giraldo 08/08/2022

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Upadhyay

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#46

1,1'-Biphenyl

Concen: 40.169 ng

RT: 9.316 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

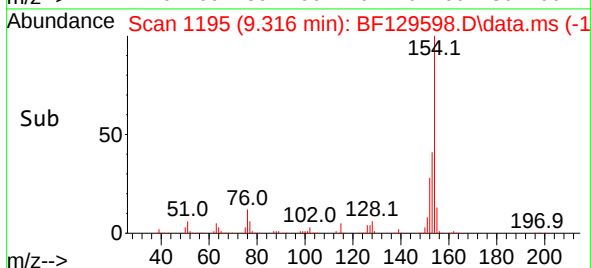
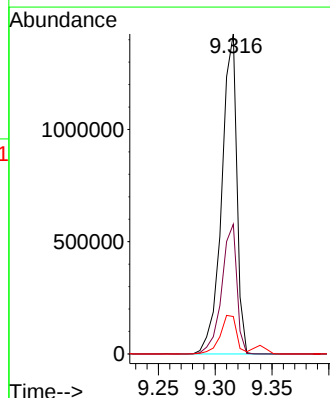
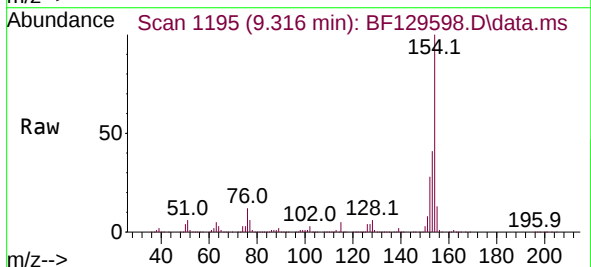
Tgt Ion:154 Resp: 1314429

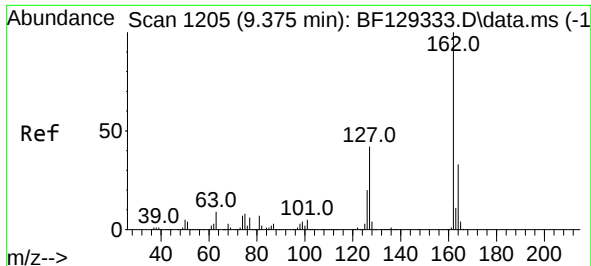
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

76 11.7 0.0 33.3





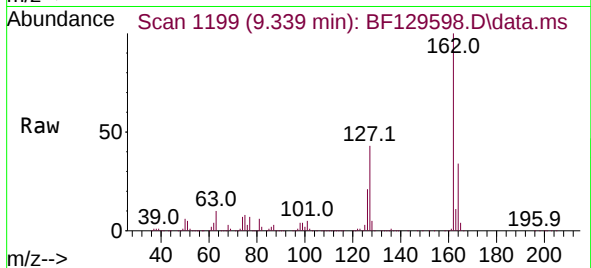
#47
2-Chloronaphthalene
Concen: 39.073 ng
RT: 9.339 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

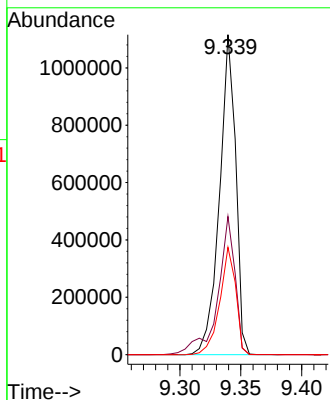
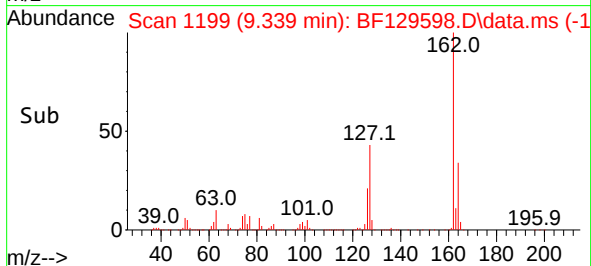
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Tgt Ion:162 Resp: 1033590
Ion Ratio Lower Upper
162 100
127 43.2 34.5 51.7
164 33.5 26.5 39.7

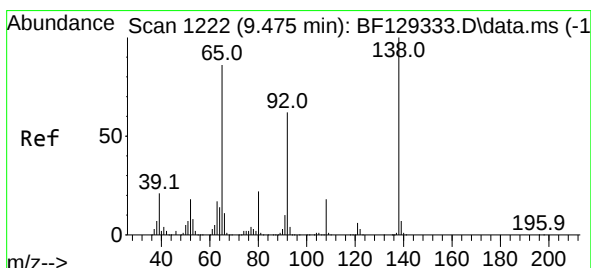
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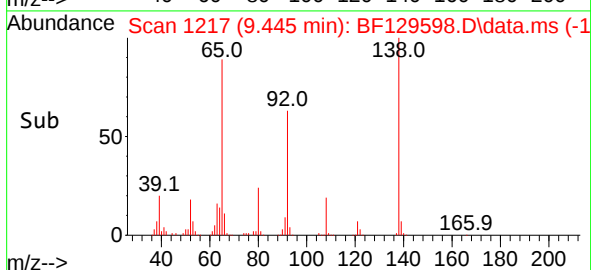
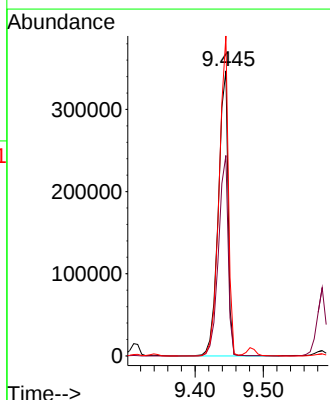
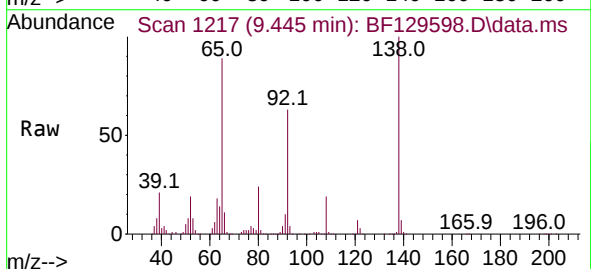
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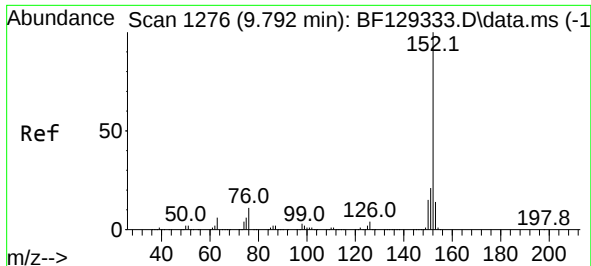
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#48
2-Nitroaniline
Concen: 38.817 ng
RT: 9.445 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

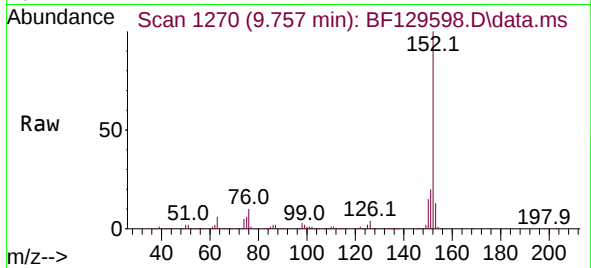
Tgt Ion: 65 Resp: 341439
Ion Ratio Lower Upper
65 100
92 70.3 51.9 77.9
138 112.3 76.4 114.6





#49
Acenaphthylene
Concen: 38.566 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

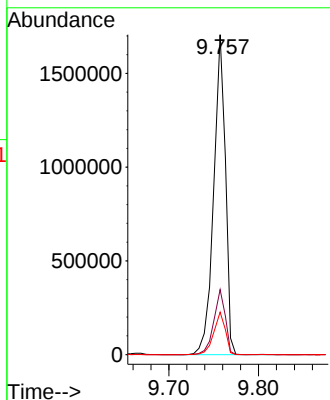
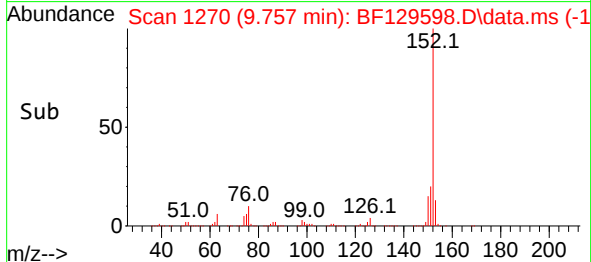
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:152 Resp: 1550148
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 10.7 16.1

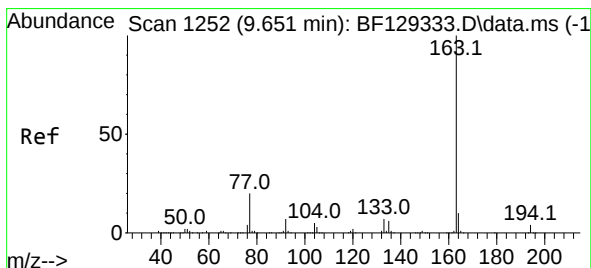
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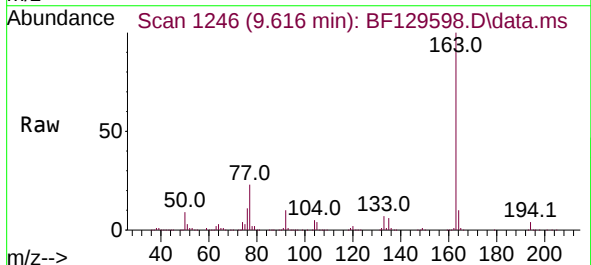


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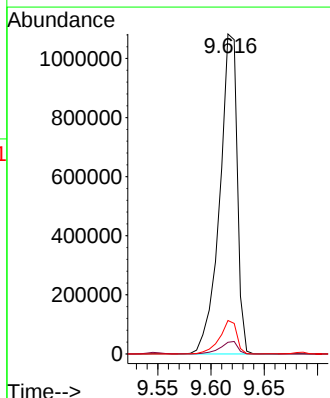
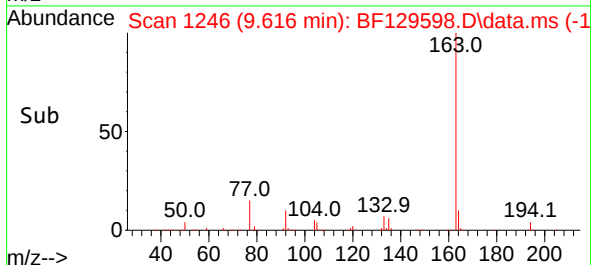
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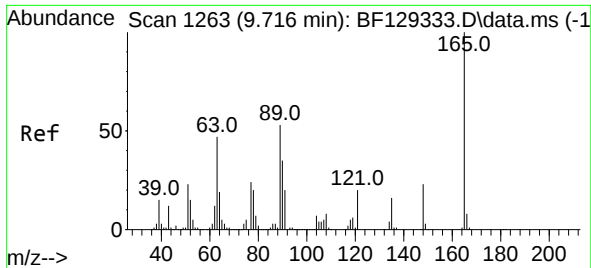


#50
Dimethylphthalate
Concen: 40.173 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



Tgt Ion:163 Resp: 1243457
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.4 8.2 12.2





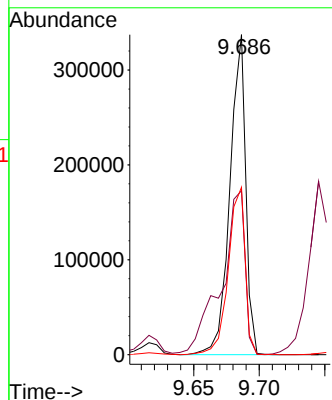
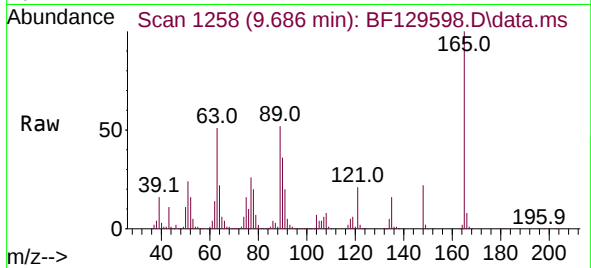
#51
2,6-Dinitrotoluene
Concen: 40.739 ng
RT: 9.686 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion:165 Resp: 282234
Ion Ratio Lower Upper
165 100
63 51.2 44.9 67.3
89 52.3 43.6 65.4

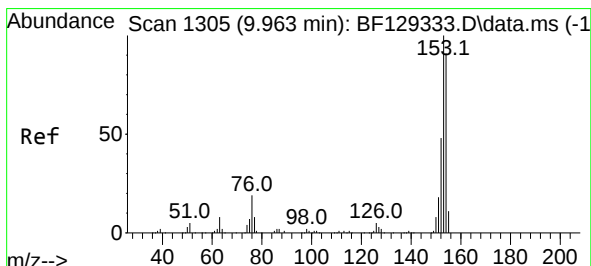
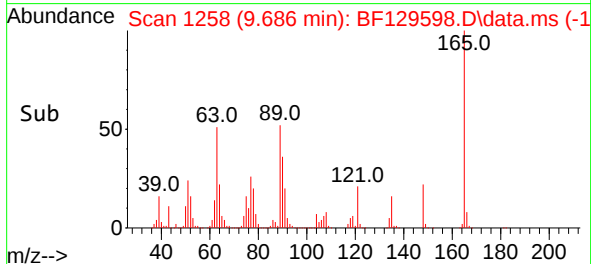
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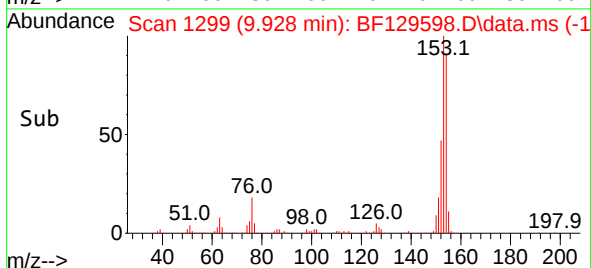
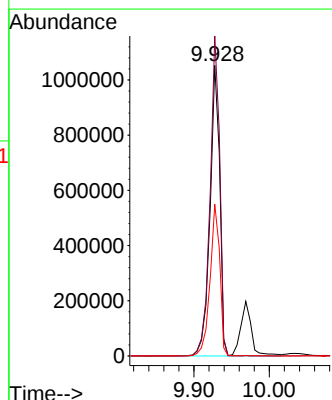
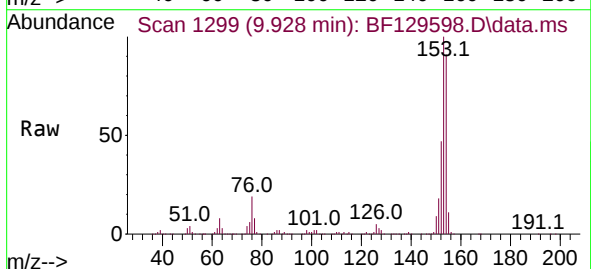
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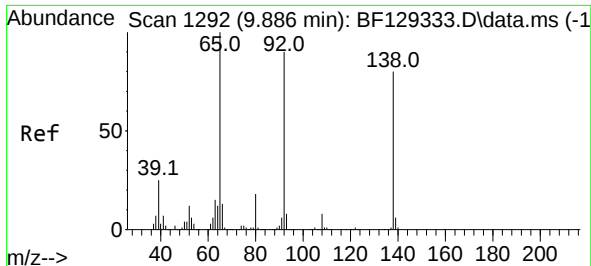
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#52
Acenaphthene
Concen: 43.169 ng m
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:154 Resp: 1133312
Ion Ratio Lower Upper
154 100
153 110.2 89.6 134.4
152 52.2 42.4 63.6





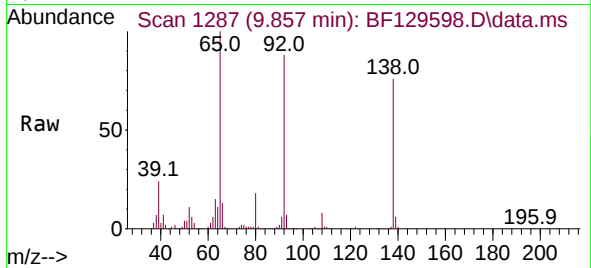
#53
3-Nitroaniline
Concen: 29.646 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

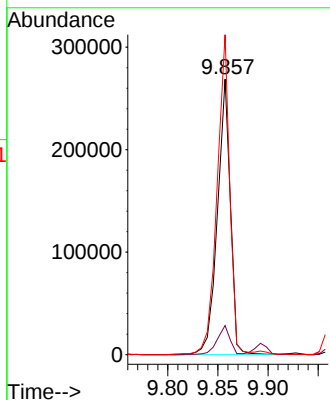
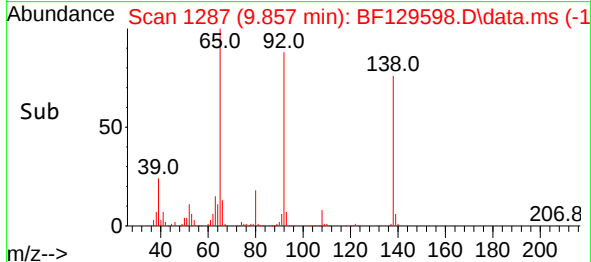
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Tgt Ion:138 Resp: 24252
Ion Ratio Lower Upper
138 100
108 10.6 10.9 16.3
92 116.2 98.2 147.2

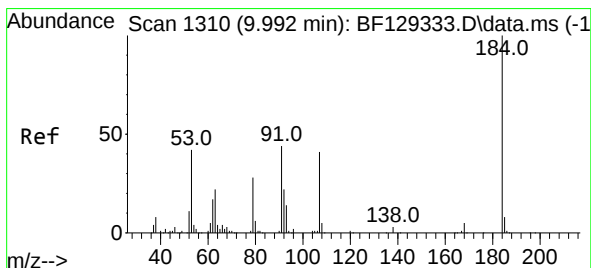
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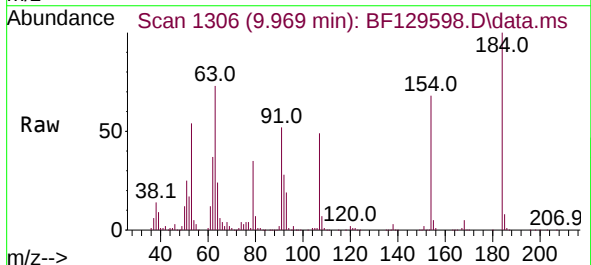


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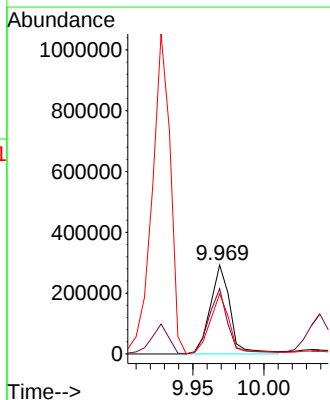
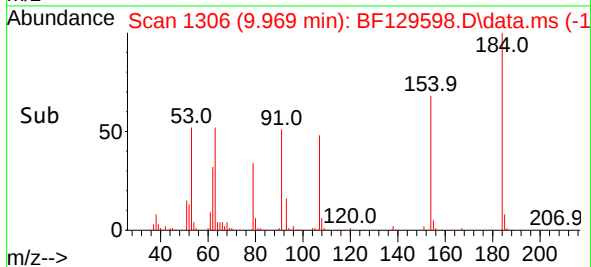
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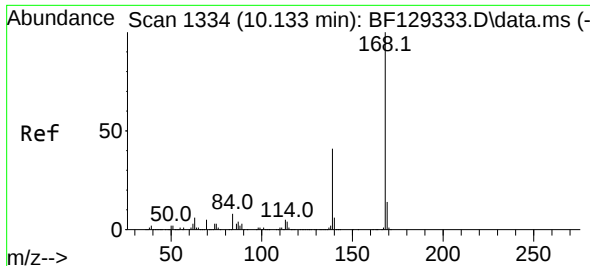


#54
2,4-Dinitrophenol
Concen: 80.639 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



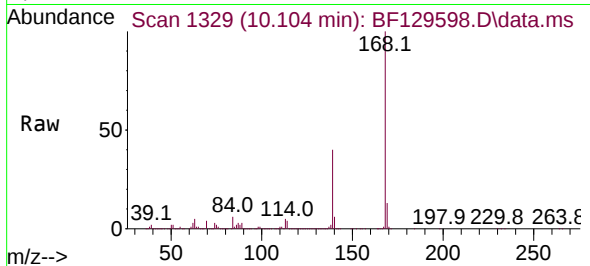
Tgt Ion:184 Resp: 285189
Ion Ratio Lower Upper
184 100
63 73.3 64.5 96.7
154 67.6 50.6 75.8





#55
Dibenzofuran
Concen: 38.909 ng
RT: 10.104 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

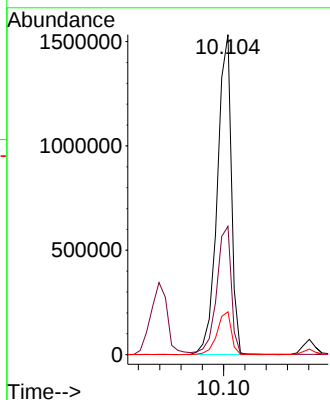
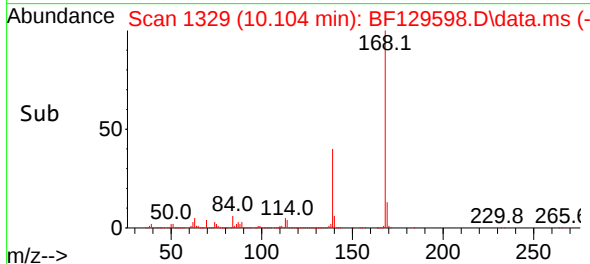
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:168 Resp: 1408115
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 13.4 11.0 16.6

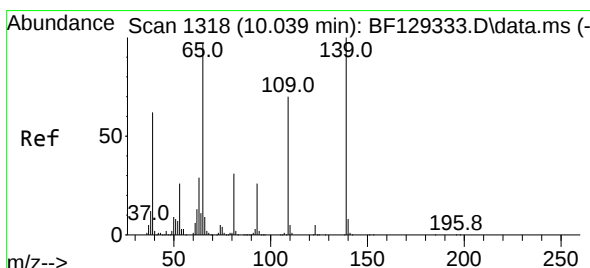
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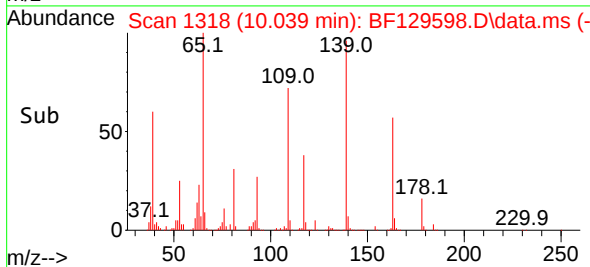
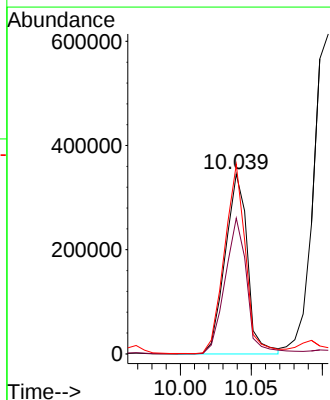
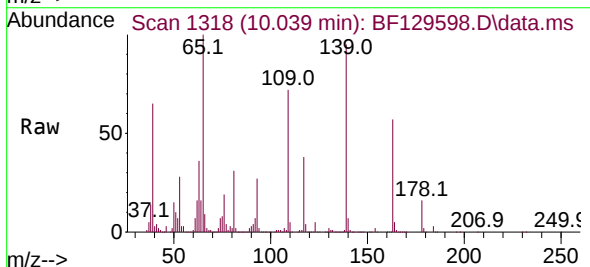
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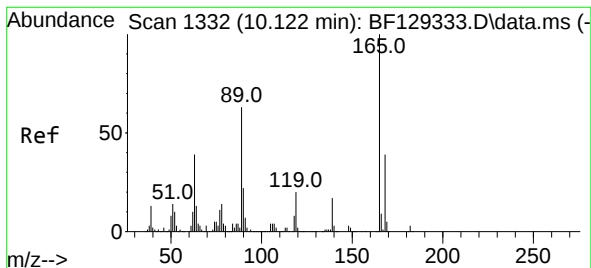
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#56
4-Nitrophenol
Concen: 62.522 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

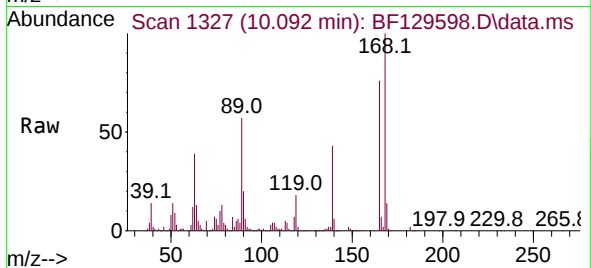
Tgt Ion:139 Resp: 377336
Ion Ratio Lower Upper
139 100
109 75.4 50.7 90.7
65 105.3 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 40.048 ng
RT: 10.092 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

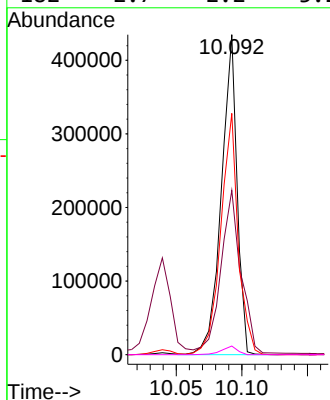
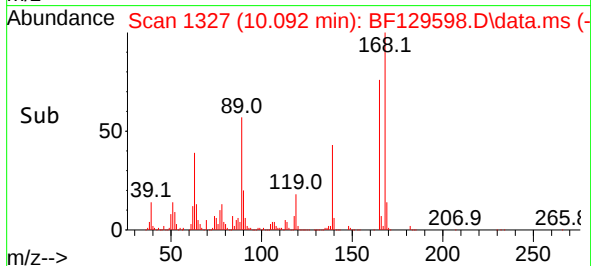
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:165 Resp: 362444
Ion Ratio Lower Upper
165 100
63 51.3 39.8 59.6
89 75.4 60.2 90.2
182 2.7 2.2 3.2

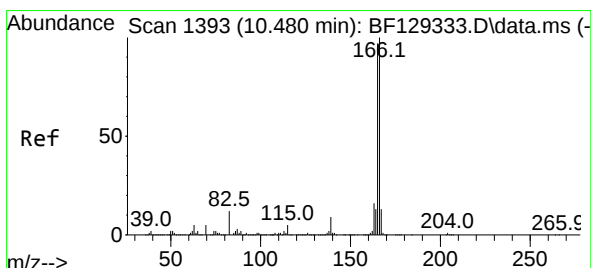
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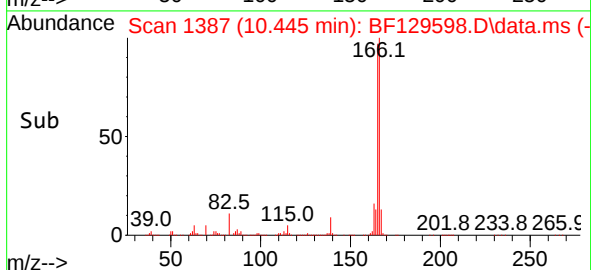
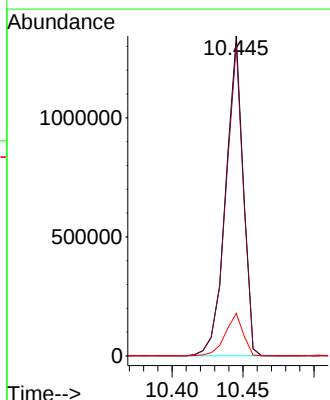
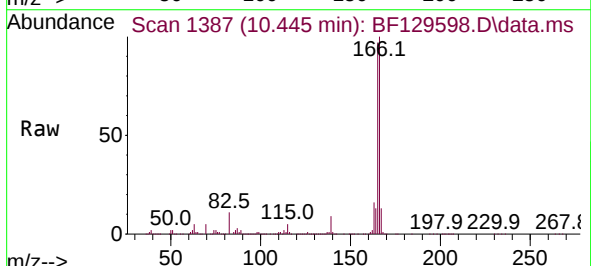
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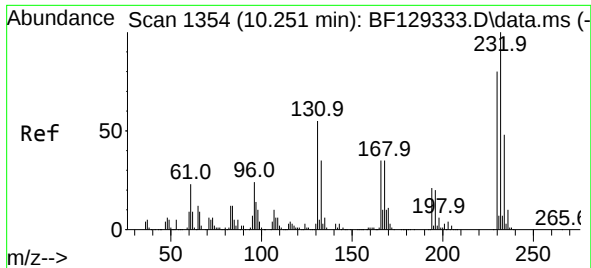
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#58
Fluorene
Concen: 39.626 ng
RT: 10.445 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

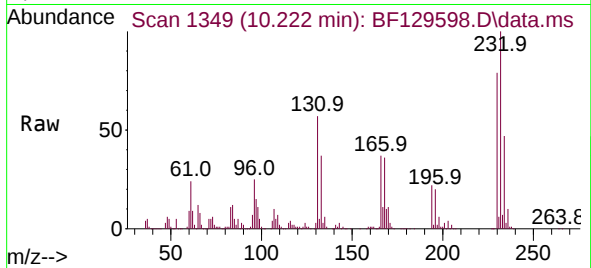
Tgt Ion:166 Resp: 1147426
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.079 ng
RT: 10.222 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

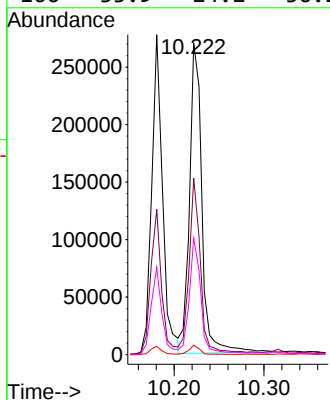
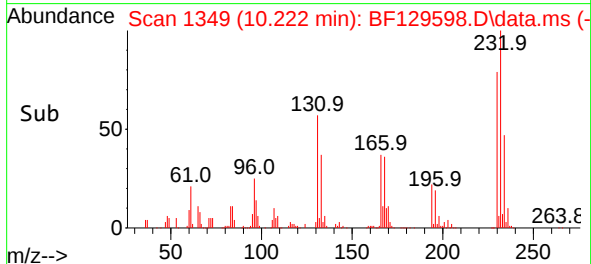
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:232 Resp: 25927
Ion Ratio Lower Upper
232 100
131 50.7 36.1 54.1
130 2.6 1.8 2.8
166 33.9 24.2 36.2

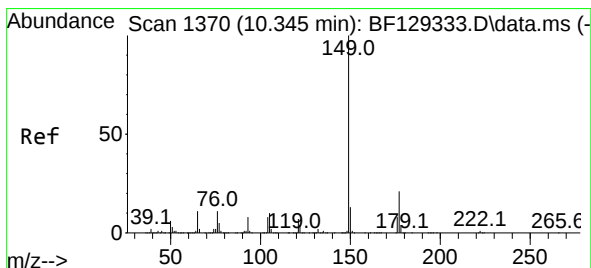
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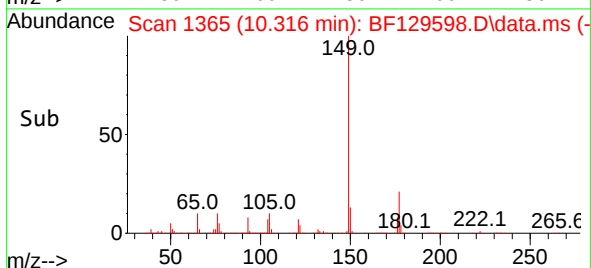
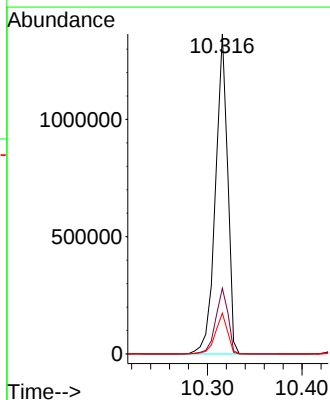
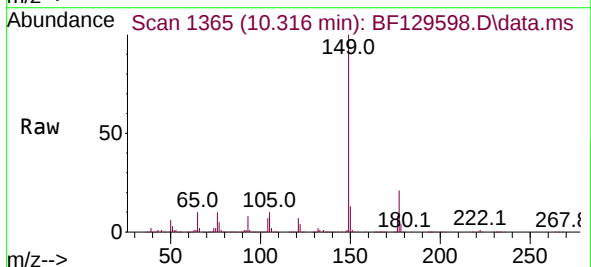
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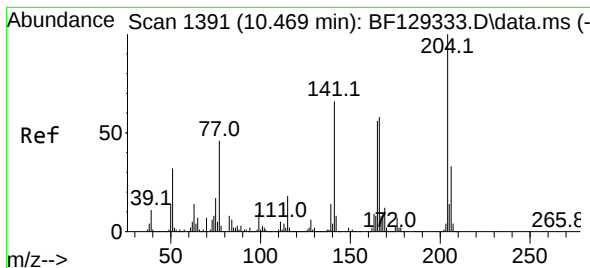
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#60
Diethylphthalate
Concen: 40.568 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

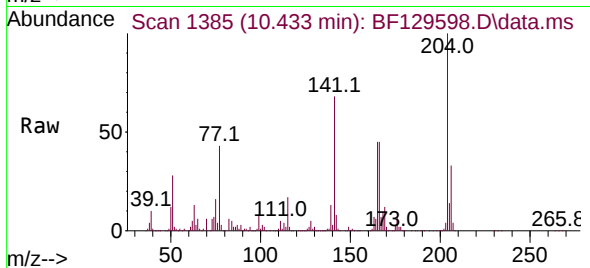
Tgt Ion:149 Resp: 1213846
Ion Ratio Lower Upper
149 100
177 20.5 17.3 25.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.939 ng
RT: 10.433 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

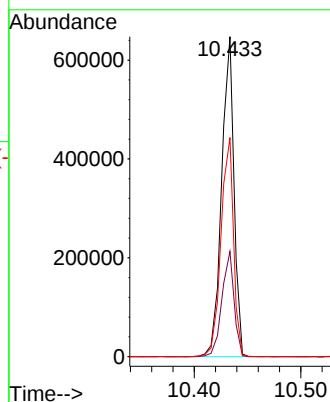
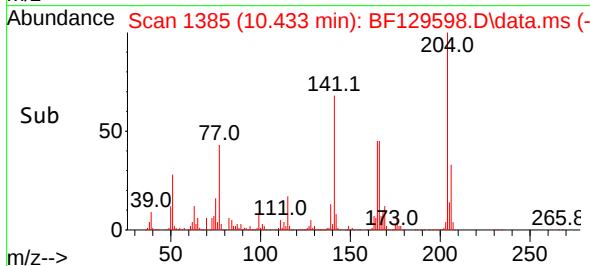
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:204 Resp: 522625
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 68.4 47.0 70.4

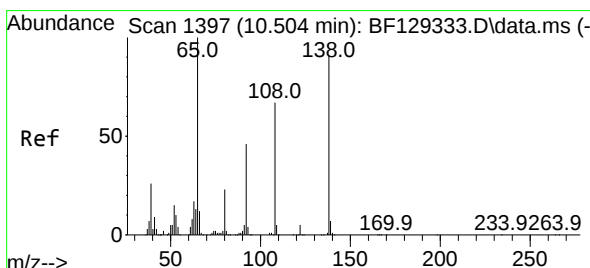
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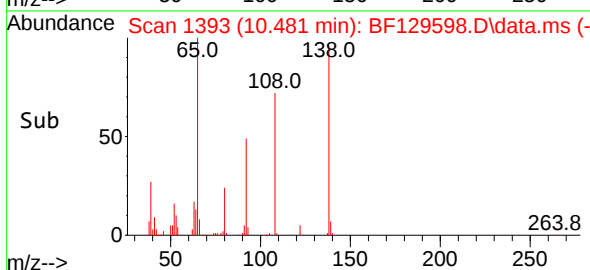
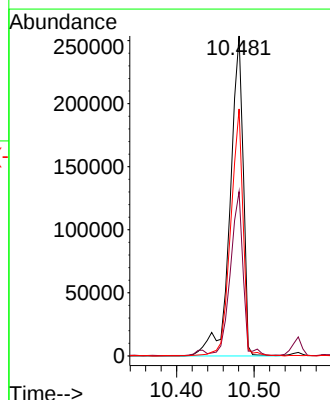
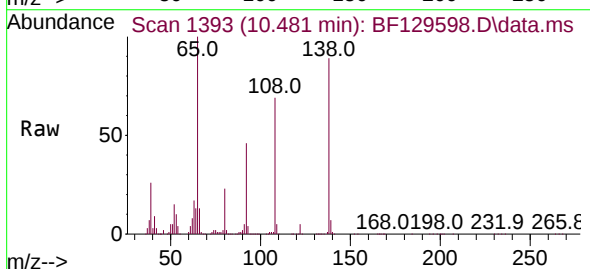
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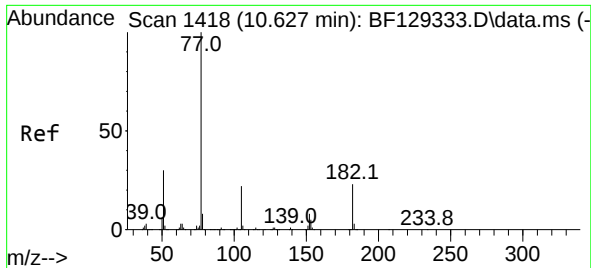
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#62
4-Nitroaniline
Concen: 36.945 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:138 Resp: 299820
Ion Ratio Lower Upper
138 100
92 51.3 33.5 73.5
108 77.2 61.0 101.0





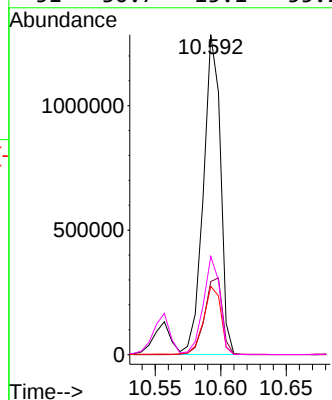
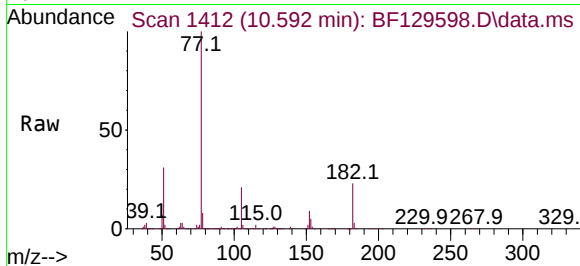
#63
Azobenzene
Concen: 38.009 ng
RT: 10.592 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion: 77 Resp: 1160000
Ion Ratio Lower Upper
77 100
182 22.8 5.6 45.6
105 21.3 1.6 41.6
51 30.7 15.1 55.1

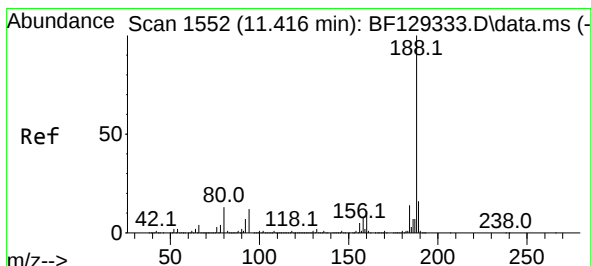
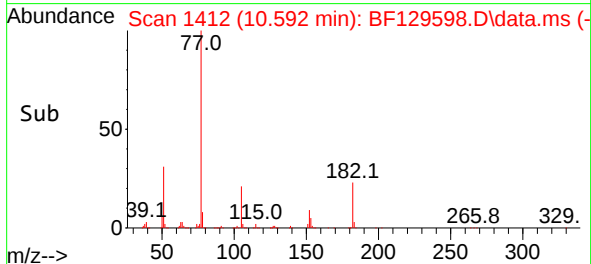
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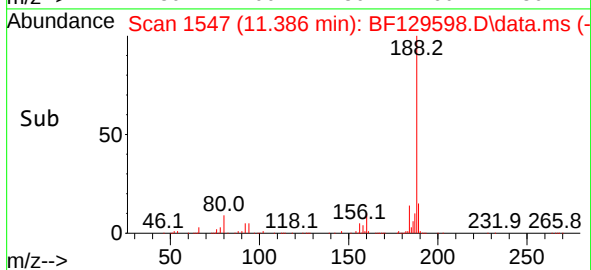
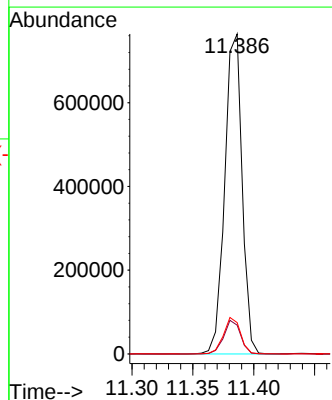
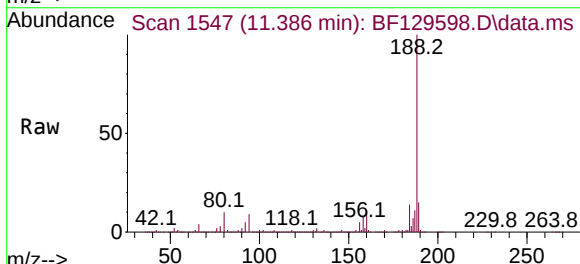
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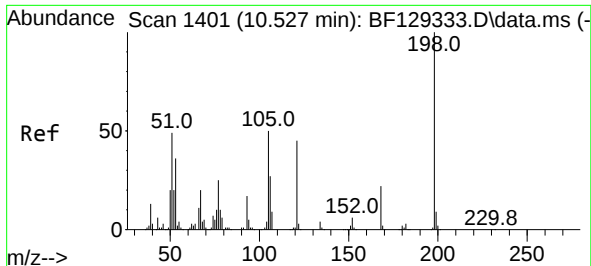
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:188 Resp: 754874
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.8 7.6 11.4





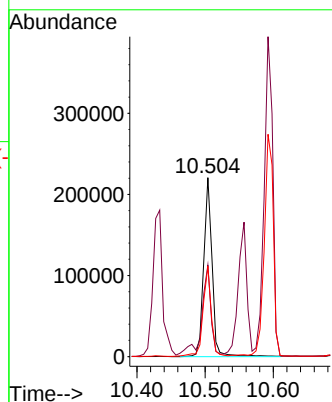
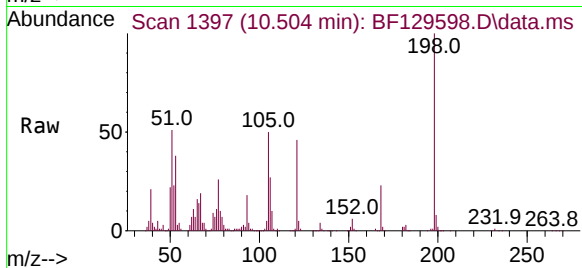
#65
4,6-Dinitro-2-methylphenol
Concen: 39.686 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion:198 Resp: 189085
Ion Ratio Lower Upper
198 100
51 51.2 37.6 77.6
105 50.4 27.0 67.0

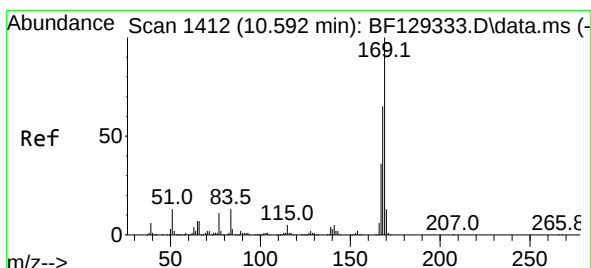
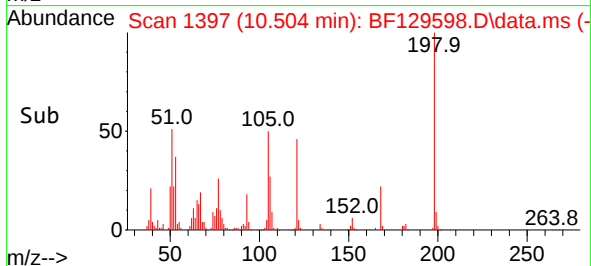
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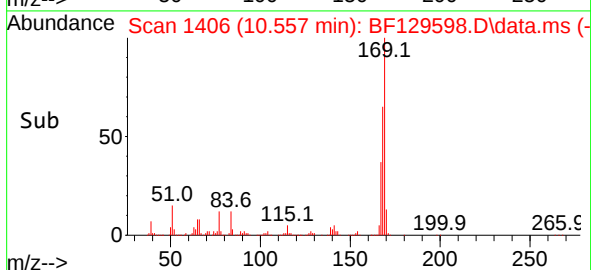
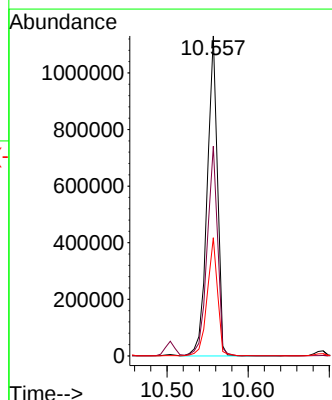
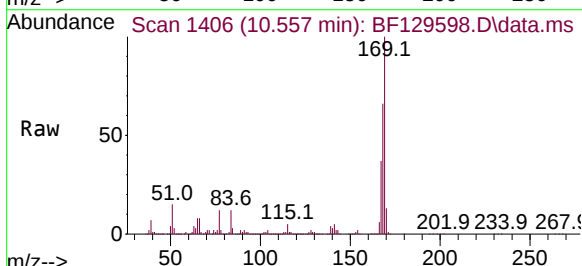
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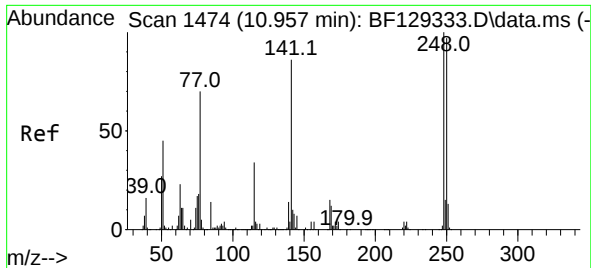
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#66
n-Nitrosodiphenylamine
Concen: 39.876 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

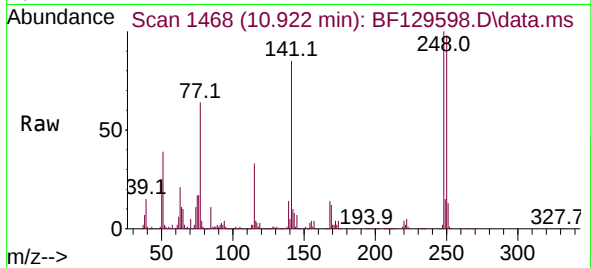
Tgt Ion:169 Resp: 1002456
Ion Ratio Lower Upper
169 100
168 65.5 50.1 75.1
167 36.9 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 41.317 ng
RT: 10.922 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

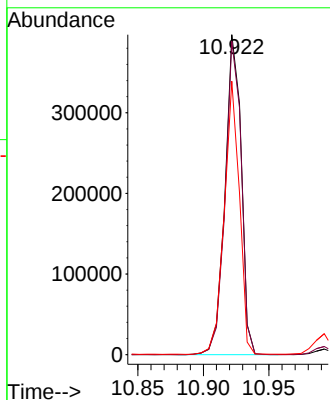
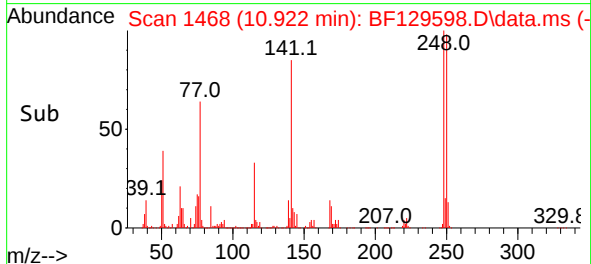
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:248 Resp: 341535
Ion Ratio Lower Upper
248 100
250 97.9 80.6 120.8
141 85.4 58.9 88.3

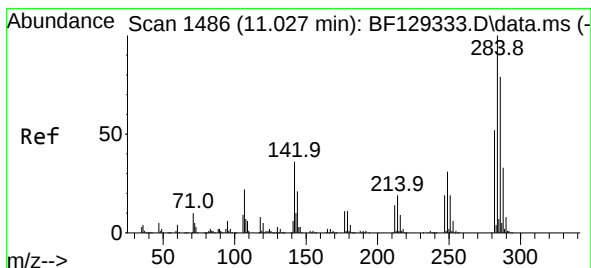
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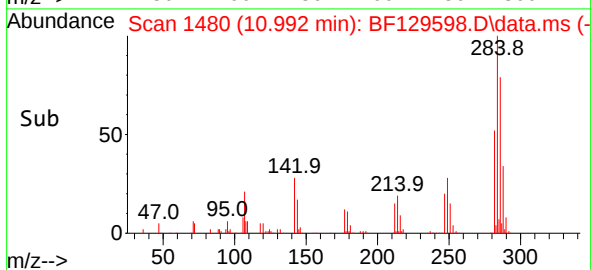
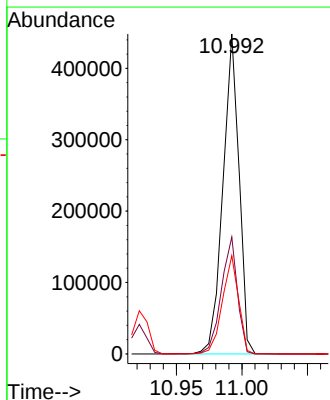
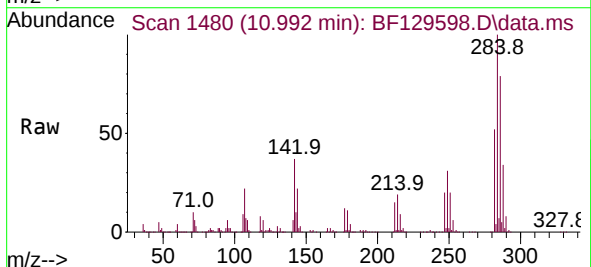
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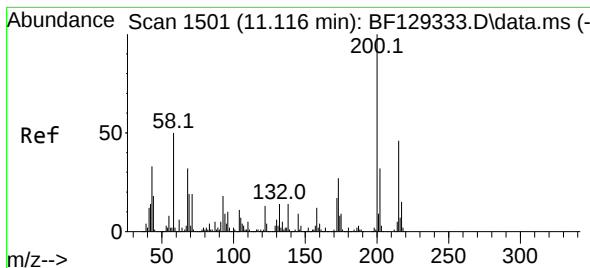
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#68
Hexachlorobenzene
Concen: 42.803 ng
RT: 10.992 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:284 Resp: 383365
Ion Ratio Lower Upper
284 100
142 36.5 29.0 43.4
249 30.7 25.0 37.6





#69

Atrazine

Concen: 43.688 ng

RT: 11.086 min Scan# 1496

Delta R.T. 0.006 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

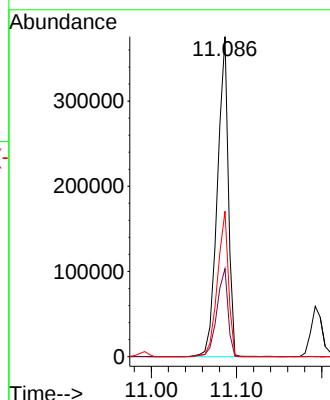
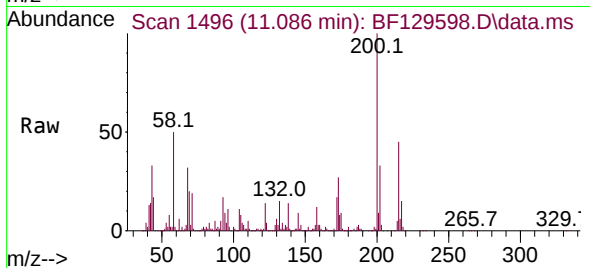
PB146537BS

Tgt Ion:	200	Resp:	33359
Ion Ratio	Lower	Upper	
200	100		
173	27.5	6.3	46.3
215	45.4	28.3	68.3

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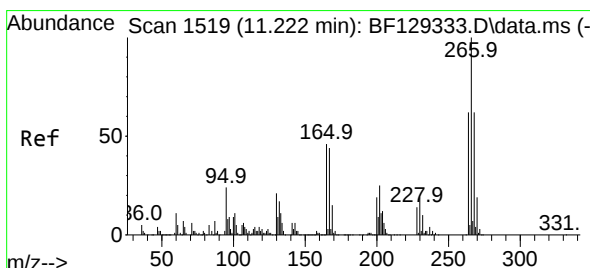
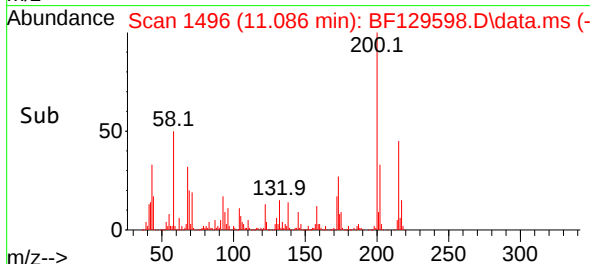
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#70

Pentachlorophenol

Concen: 63.146 ng

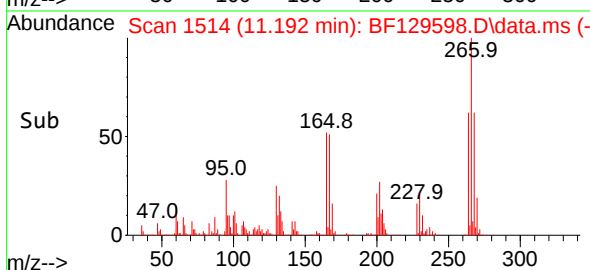
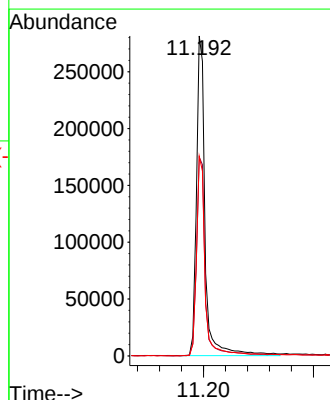
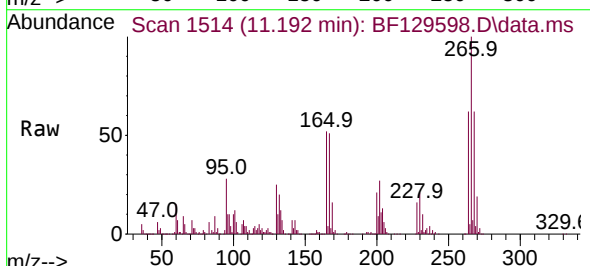
RT: 11.192 min Scan# 1514

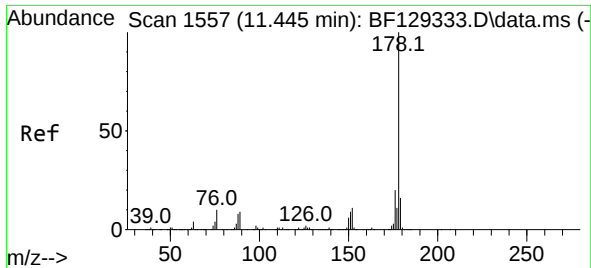
Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Tgt Ion:	266	Resp:	307460
Ion Ratio	Lower	Upper	
266	100		
268	62.1	51.0	76.4
264	62.4	49.4	74.2





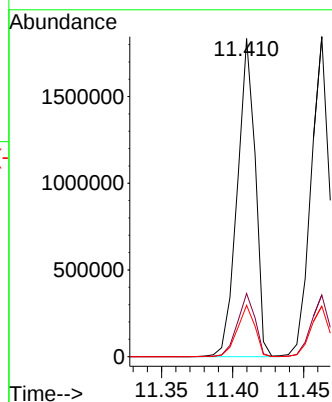
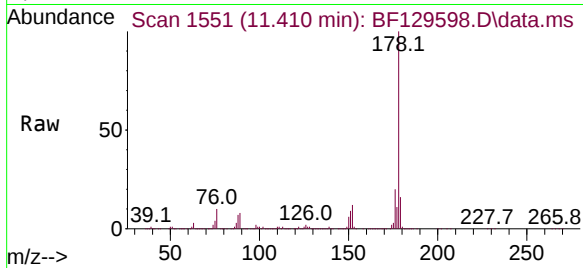
#71
Phenanthrene
Concen: 38.993 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion:178 Resp: 1606759
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.1 12.6 19.0

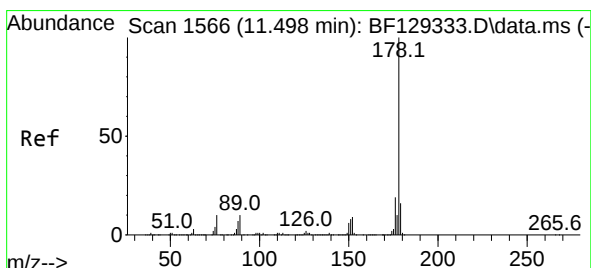
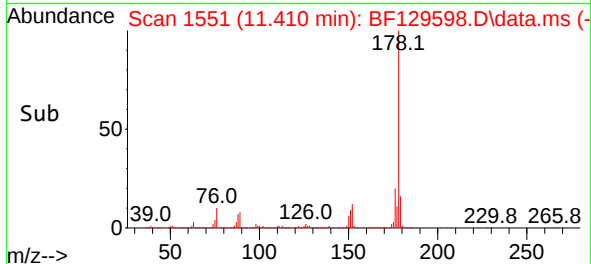
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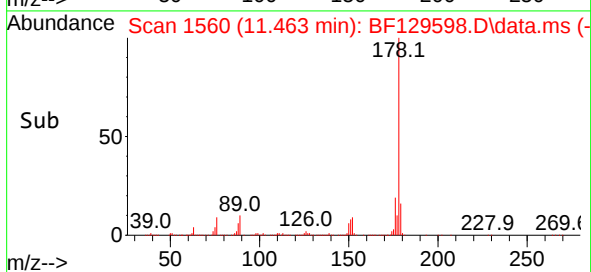
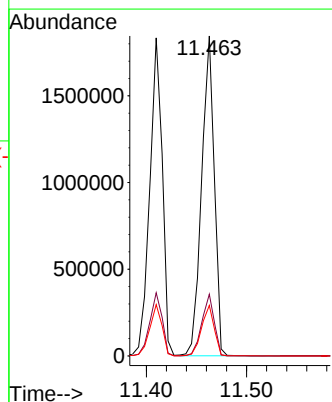
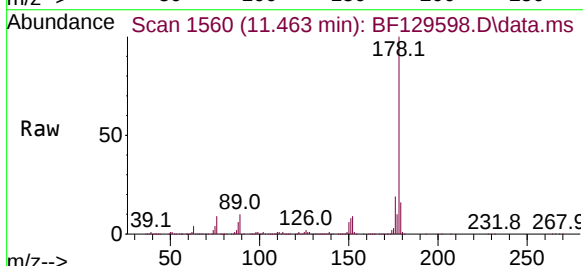
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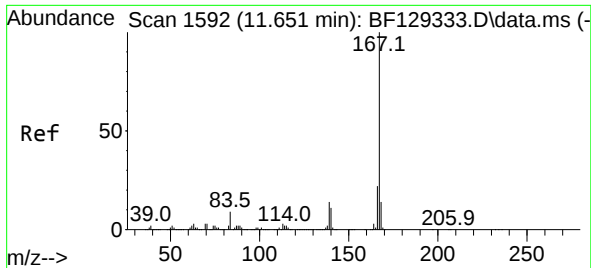
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#72
Anthracene
Concen: 39.979 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

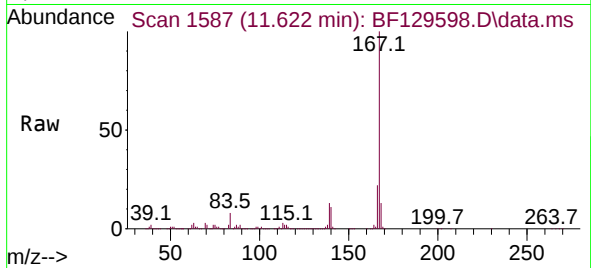
Tgt Ion:178 Resp: 1618910
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 40.232 ng
 RT: 11.622 min Scan# 1587
 Delta R.T. 0.006 min
 Lab File: BF129598.D
 Acq: 05 Aug 2022 13:08

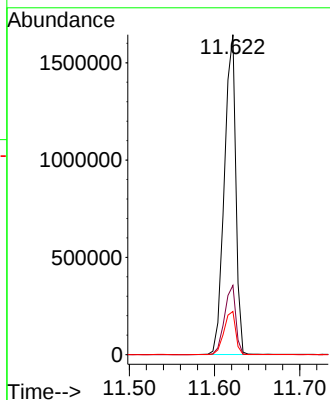
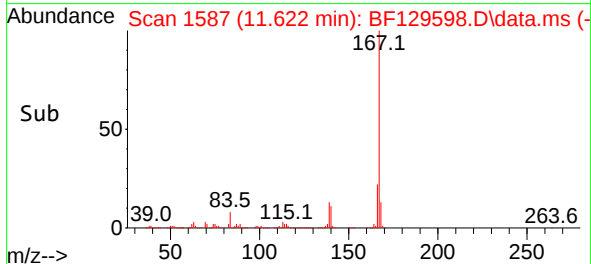
Instrument :
 BNA_F
 ClientSampleId :
 PB146537BS



Tgt Ion:167 Resp: 1533613
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 13.5 11.2 16.8

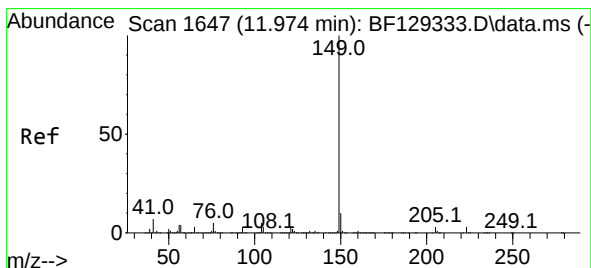
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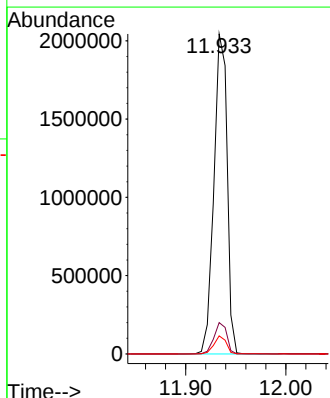
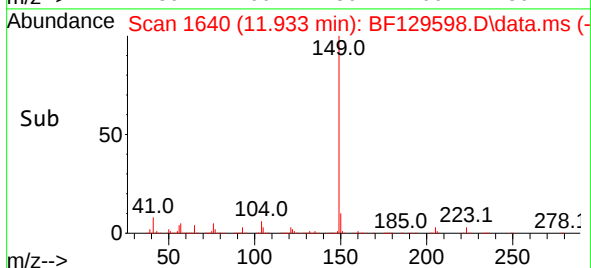
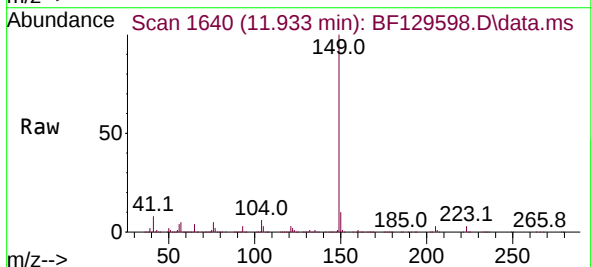
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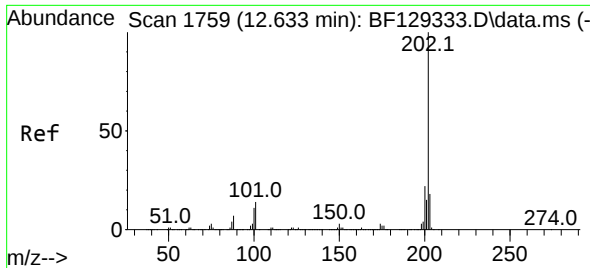
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#74
 Di-n-butylphthalate
 Concen: 41.295 ng
 RT: 11.933 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: BF129598.D
 Acq: 05 Aug 2022 13:08

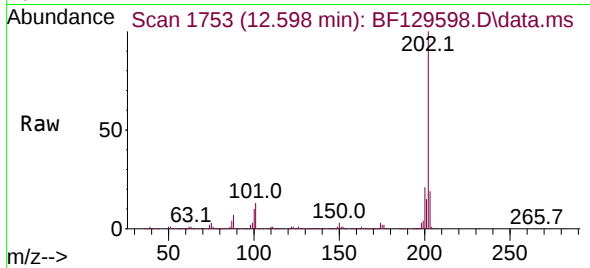
Tgt Ion:149 Resp: 1874587
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.5 11.3
 104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 40.269 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

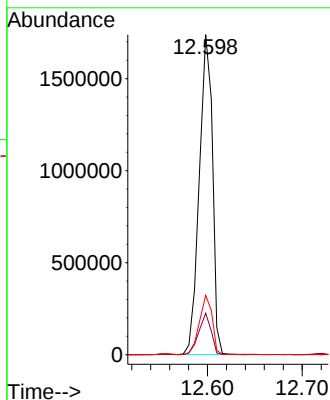
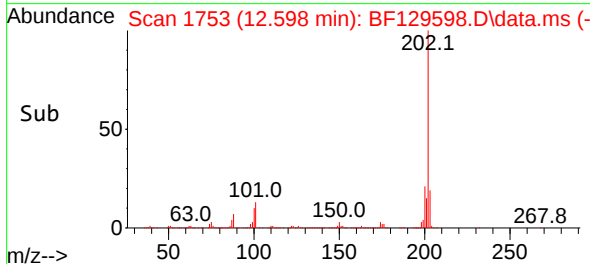
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:202 Resp: 1681300
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.4
203 18.5 0.0 38.0

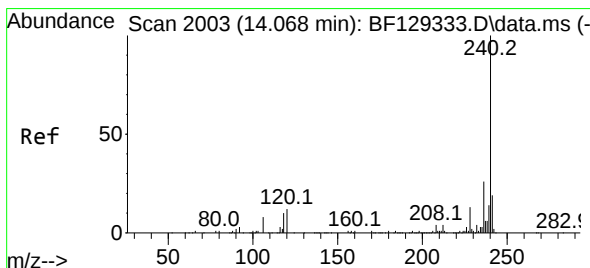
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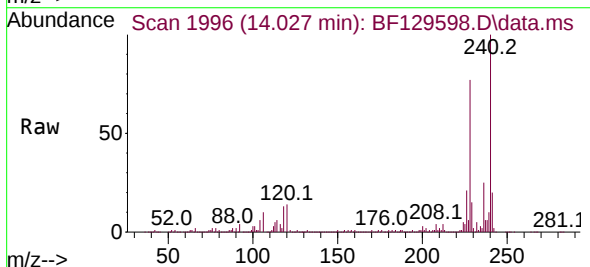


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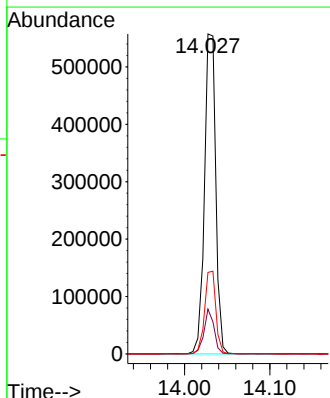
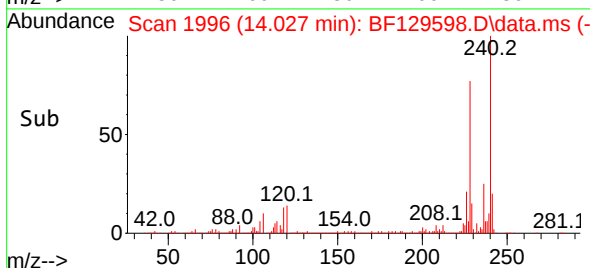
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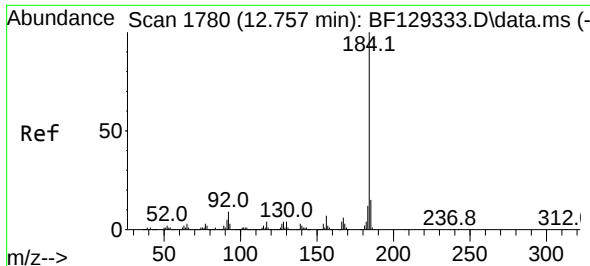


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



Tgt Ion:240 Resp: 513963
Ion Ratio Lower Upper
240 100
120 14.0 8.9 13.3#
236 25.5 20.8 31.2





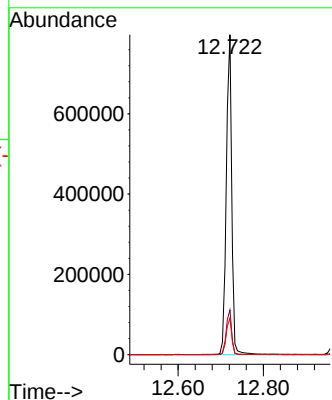
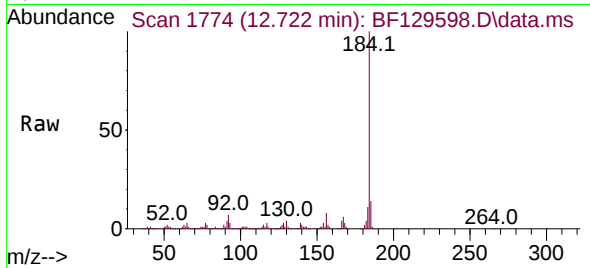
#77
Benzidine
Concen: 38.820 ng
RT: 12.722 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion:184 Resp: 704853
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.4 9.3 13.9

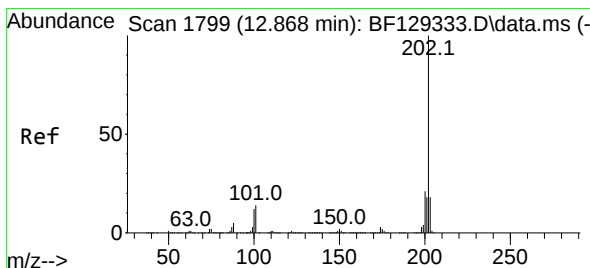
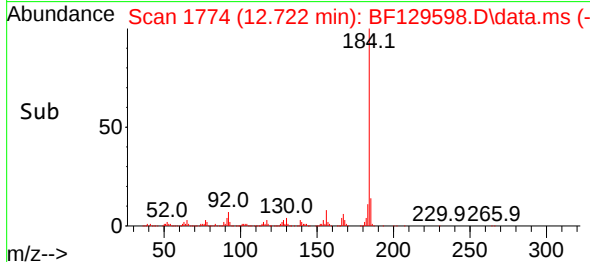
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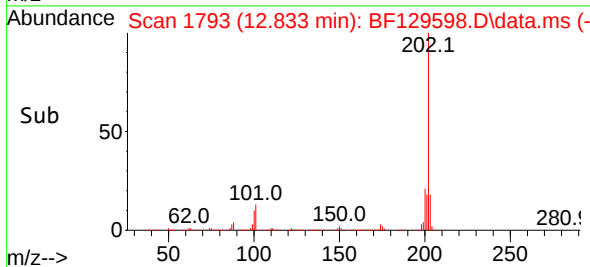
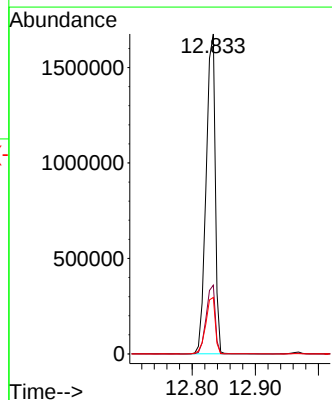
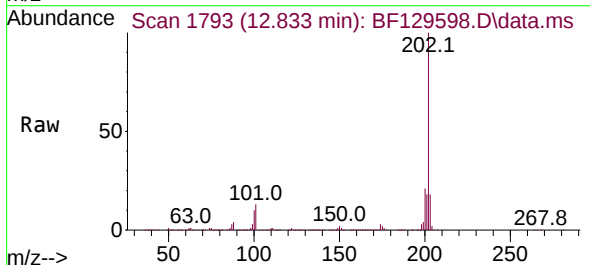
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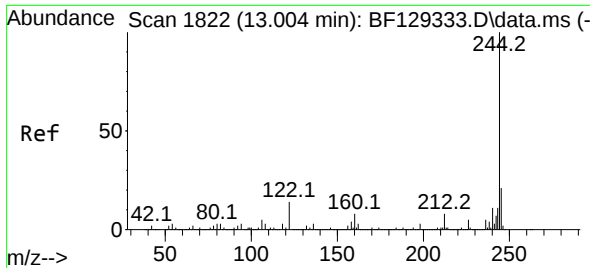
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#78
Pyrene
Concen: 38.875 ng
RT: 12.833 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

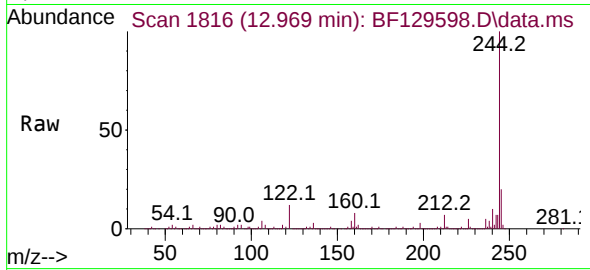
Tgt Ion:202 Resp: 1670815
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.6 14.6 21.8





#79
Terphenyl-d14
Concen: 82.914 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

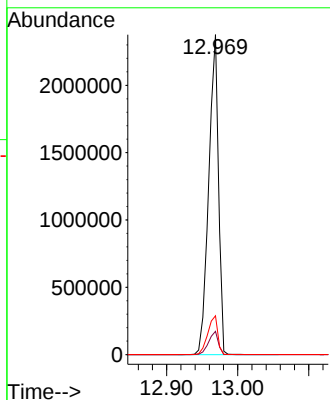
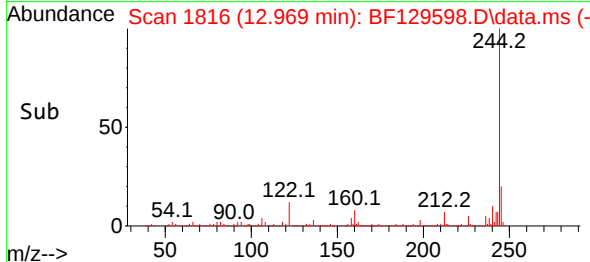
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:244 Resp: 2258826
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.1 8.8 13.2

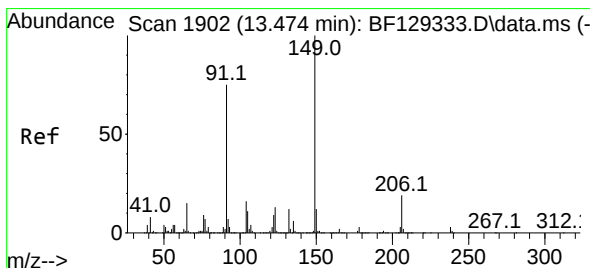
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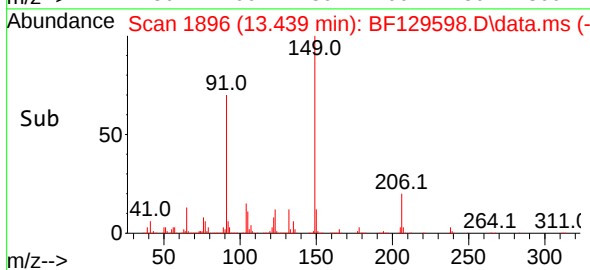
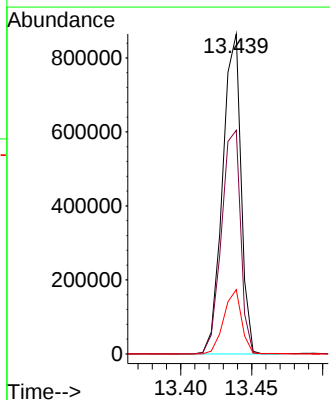
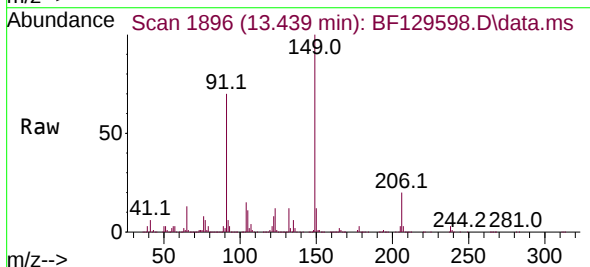
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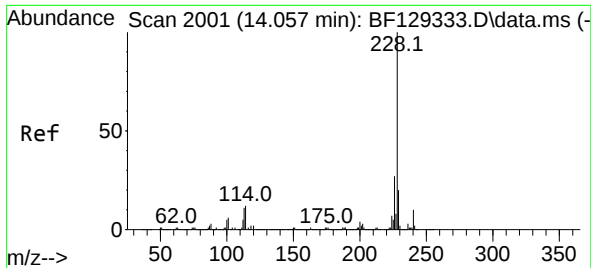
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#80
Butylbenzylphthalate
Concen: 41.969 ng
RT: 13.439 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

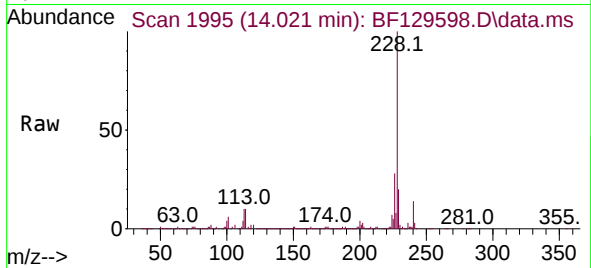
Tgt Ion:149 Resp: 782388
Ion Ratio Lower Upper
149 100
91 69.9 61.2 91.8
206 20.1 15.7 23.5





#81
Benzo(a)anthracene
Concen: 39.384 ng
RT: 14.021 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

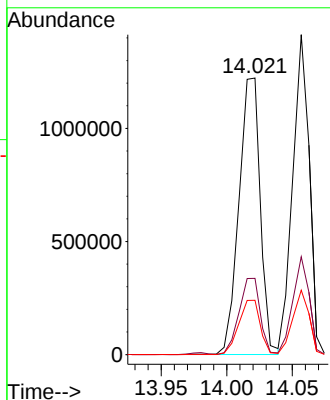
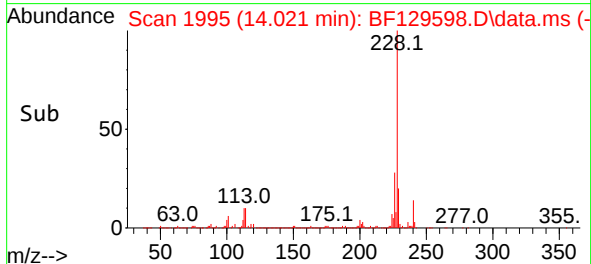
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:228 Resp: 1382734
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.6 15.8 23.8

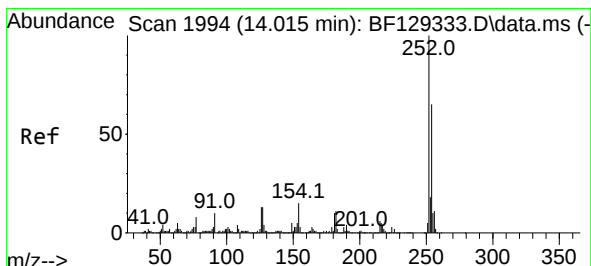
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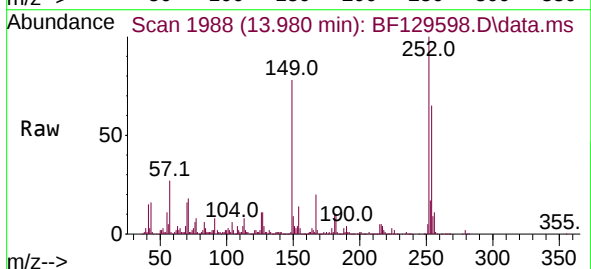


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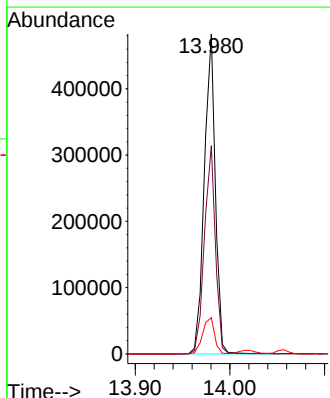
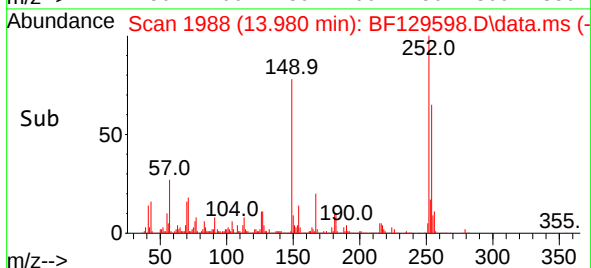
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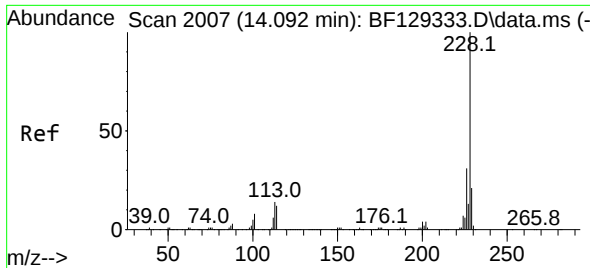


#82
3,3'-Dichlorobenzidine
Concen: 33.891 ng
RT: 13.980 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



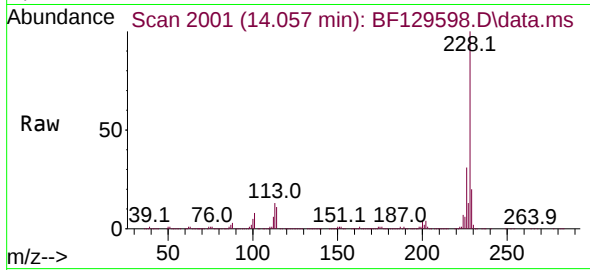
Tgt Ion:252 Resp: 392852
Ion Ratio Lower Upper
252 100
254 65.1 50.2 75.4
126 11.3 8.2 12.4





#83
Chrysene
Concen: 37.700 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

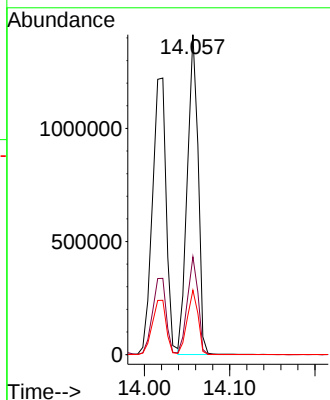
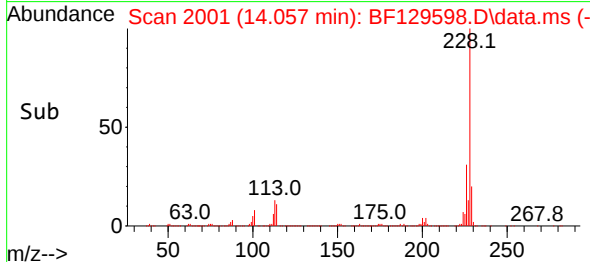
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:228 Resp: 1247437
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 20.1 15.9 23.9

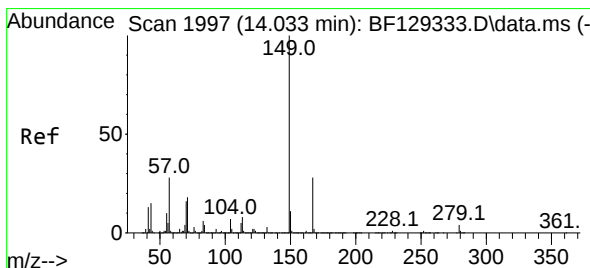
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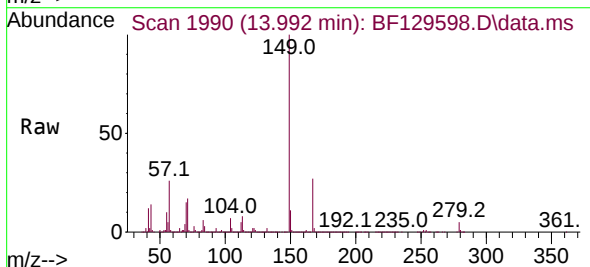


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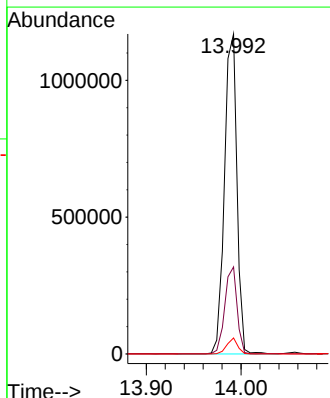
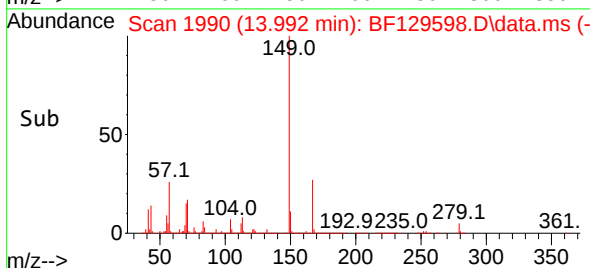
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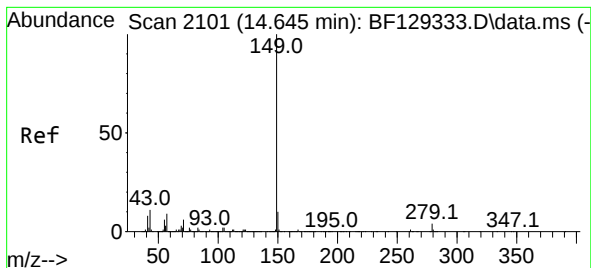


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.437 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



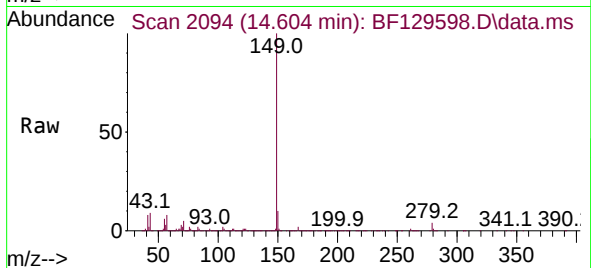
Tgt Ion:149 Resp: 1066071
Ion Ratio Lower Upper
149 100
167 27.2 21.0 31.4
279 5.0 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 44.051 ng
RT: 14.604 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

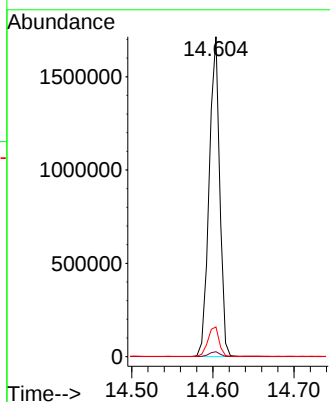
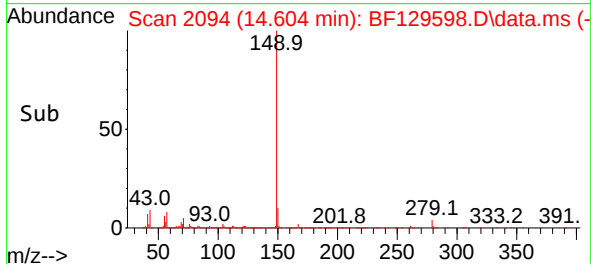
Instrument :
BNA_F
ClientSampleId :
PB146537BS



Tgt Ion:149 Resp: 1555794
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.8 9.2 13.8

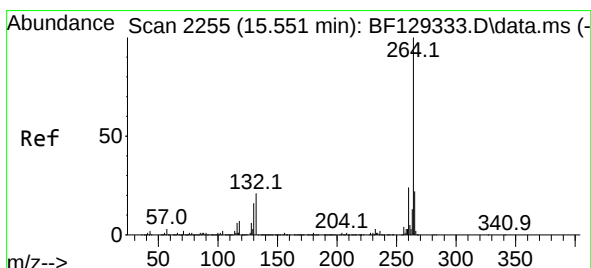
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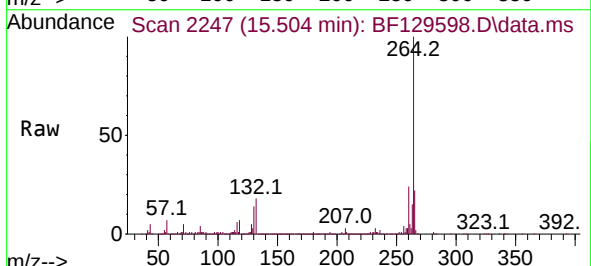


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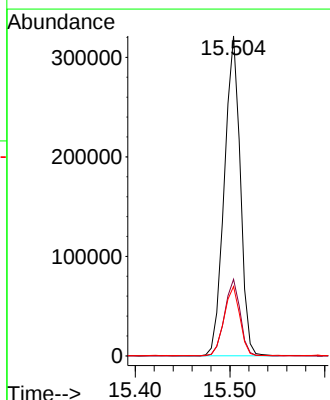
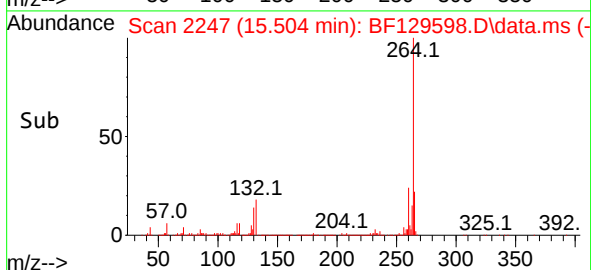
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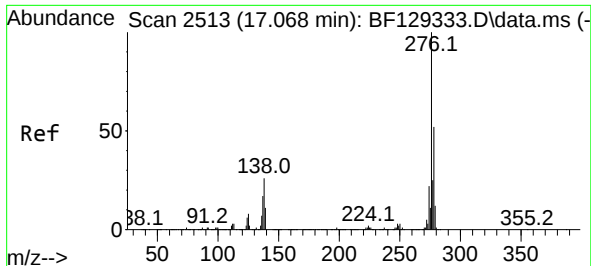


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08



Tgt Ion:264 Resp: 374369
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.821 ng
RT: 16.998 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

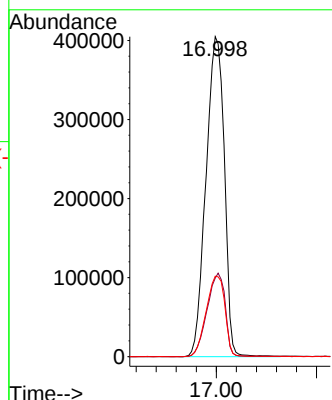
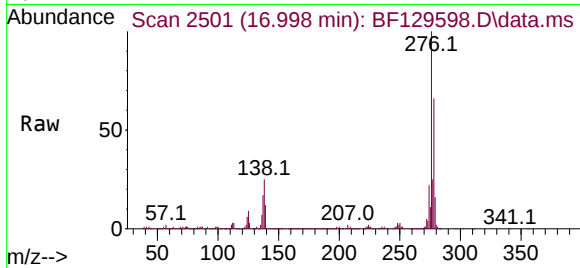
ClientSampleId :

PB146537BS

Tgt Ion:276 Resp: 1029119
Ion Ratio Lower Upper
276 100
138 25.8 21.1 31.7
277 25.7 20.3 30.5

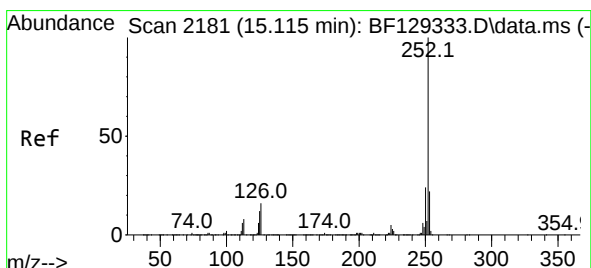
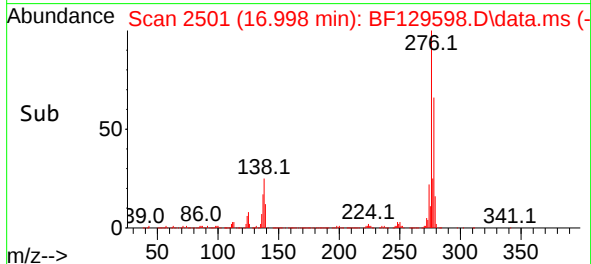
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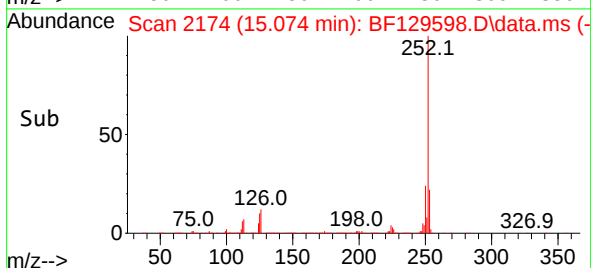
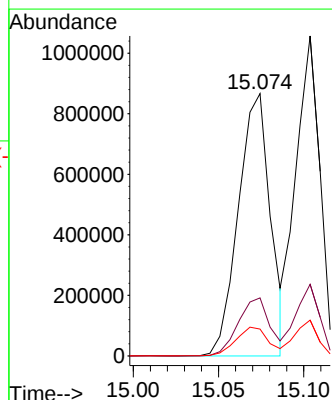
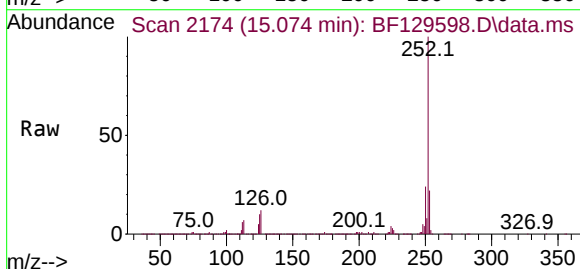
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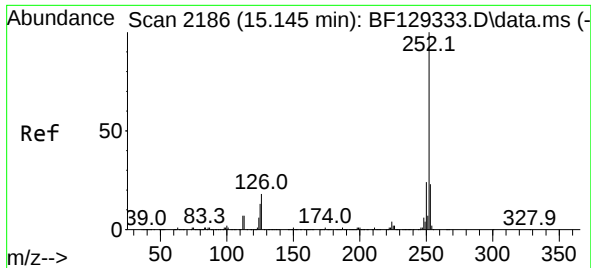
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#88
Benzo(b)fluoranthene
Concen: 45.668 ng
RT: 15.074 min Scan# 2174
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:252 Resp: 1134074
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.750 ng

RT: 15.104 min Scan# 2186

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

Tgt Ion:252 Resp: 104034

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

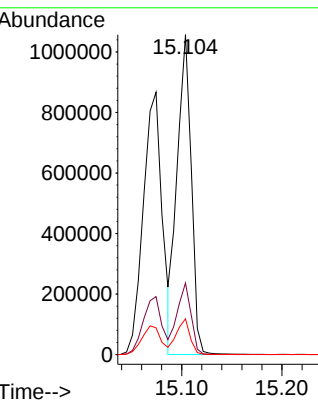
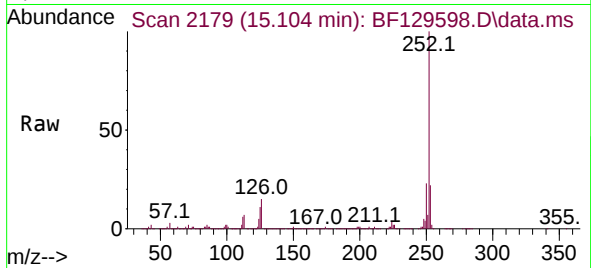
125 11.2 8.3 12.5

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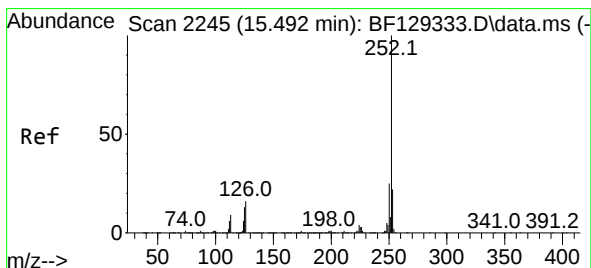
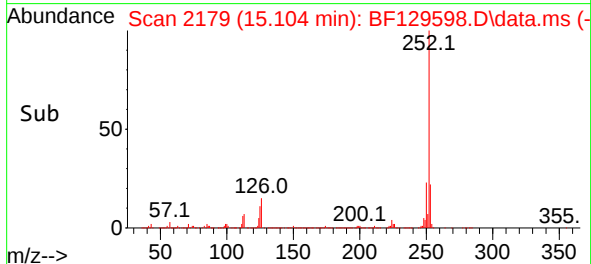


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Upadhyay

08/08/2022



#90

Benzo(a)pyrene

Concen: 45.331 ng

RT: 15.445 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

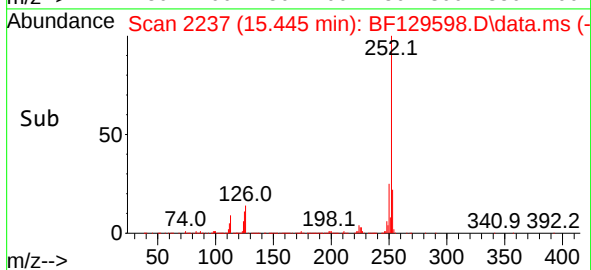
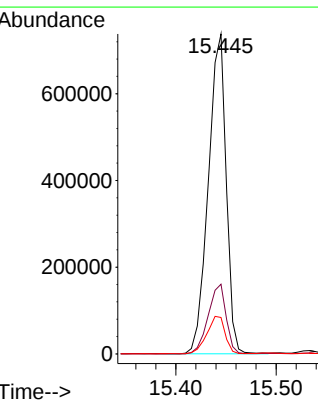
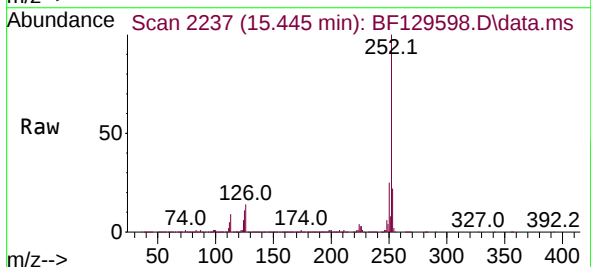
Tgt Ion:252 Resp: 913811

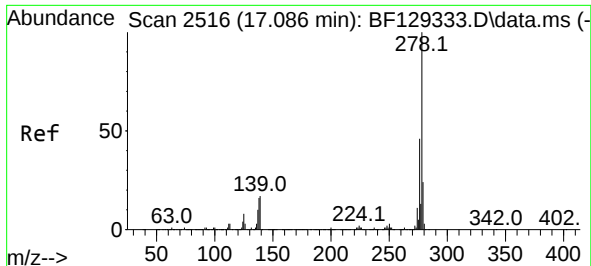
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 11.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 43.565 ng

RT: 17.015 min Scan# 2504

Delta R.T. 0.006 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

Tgt Ion:278 Resp: 893908

Ion Ratio Lower Upper

278 100

139 16.0 12.8 19.2

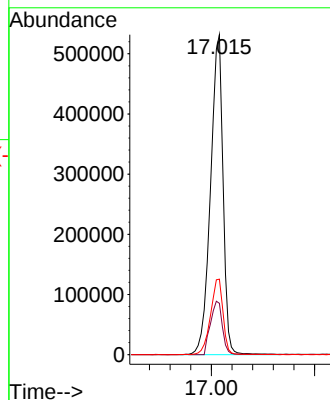
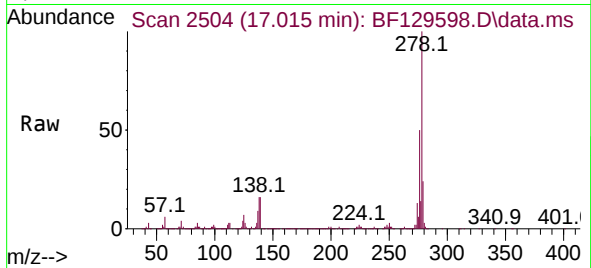
279 23.6 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

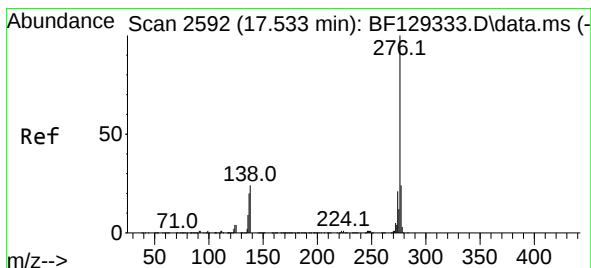
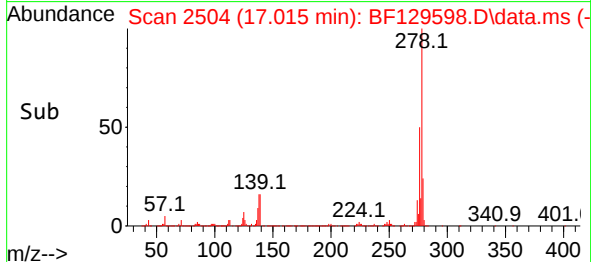
Supervised By :Jagrut Upadhyay 08/08/2022



08/08/2022

Supervised By :Jagrut Upadhyay

08/08/2022



#92

Benzo(g,h,i)perylene

Concen: 42.830 ng

RT: 17.457 min Scan# 2579

Delta R.T. 0.006 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Tgt Ion:276 Resp: 898019

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 22.0 18.0 27.0

