

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129567.D
 Acq On : 04 Aug 2022 12:26
 Operator : CG\JU
 Sample : PB146631BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146631BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/05/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 05 02:08:05 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 02:05:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	202278	20.000	ng	0.00
21) Naphthalene-d8	8.146	136	820511	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	437376	20.000	ng	0.00
64) Phenanthrene-d10	11.393	188	725679	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	448721	20.000	ng	0.00
86) Perylene-d12	15.516	264	373471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1401168	112.840	ng	0.01
7) Phenol-d6	6.516	99	1739176	111.430	ng	0.00
23) Nitrobenzene-d5	7.434	82	1130474	75.210	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	503438	119.722	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2038662	72.105	ng	0.00
79) Terphenyl-d14	12.981	244	2134912	89.759	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	153279	27.359	ng	89
3) Pyridine	3.493	79	424942	27.313	ng	92
4) n-Nitrosodimethylamine	3.434	42	258570	37.847	ng	# 93
6) Aniline	6.528	93	665434	34.295	ng	# 16
8) 2-Chlorophenol	6.658	128	578047	42.609	ng	95
9) Benzaldehyde	6.416	77	298602	28.172	ng	98
10) Phenol	6.528	94	673499m	40.521	ng	
11) bis(2-Chloroethyl)ether	6.599	93	539726	40.946	ng	93
12) 1,3-Dichlorobenzene	6.805	146	575160	39.531	ng	98
13) 1,4-Dichlorobenzene	6.881	146	581630	39.307	ng	98
14) 1,2-Dichlorobenzene	7.034	146	560597	41.217	ng	99
15) Benzyl Alcohol	7.016	79	497675	43.965	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	745477	37.624	ng	76
17) 2-Methylphenol	7.128	107	452260	40.185	ng	# 92
18) Hexachloroethane	7.369	117	229074	41.114	ng	# 87
19) n-Nitroso-di-n-propyla...	7.281	70	387876	41.050	ng	93
20) 3+4-Methylphenols	7.281	107	562891	39.337	ng	# 90
22) Acetophenone	7.275	105	775081	40.574	ng	96
24) Nitrobenzene	7.452	77	595972	38.504	ng	96
25) Isophorone	7.687	82	1102311	40.913	ng	99
26) 2-Nitrophenol	7.763	139	310067	40.607	ng	97
27) 2,4-Dimethylphenol	7.805	122	515805m	45.034	ng	
28) bis(2-Chloroethoxy)met...	7.893	93	677005	43.316	ng	98
29) 2,4-Dichlorophenol	8.010	162	469517	39.716	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	471096	38.499	ng	95
31) Naphthalene	8.169	128	1599963	38.380	ng	100
32) Benzoic acid	7.946	122	246227	29.736	ng	98
33) 4-Chloroaniline	8.222	127	582958	34.062	ng	97
34) Hexachlorobutadiene	8.281	225	281162	40.422	ng	99
35) Caprolactam	8.604	113	156294m	40.665	ng	
36) 4-Chloro-3-methylphenol	8.716	107	520414	41.505	ng	95
37) 2-Methylnaphthalene	8.863	142	1056232	38.989	ng	99
38) 1-Methylnaphthalene	8.957	142	1007610	38.529	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	462312	40.255	ng	97
41) Hexachlorocyclopentadiene	9.010	237	461709	90.284	ng	99
43) 2,4,6-Trichlorophenol	9.146	196	319696	38.327	ng	97

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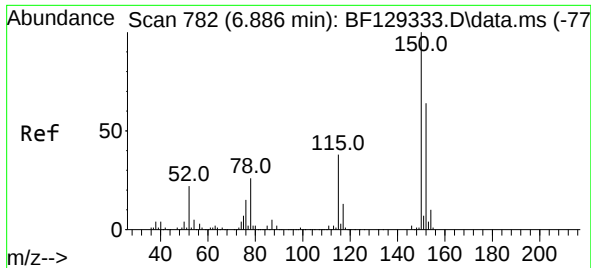
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.193	196	342727	37.783	ng	94
46) 1,1'-Biphenyl	9.328	154	1277466	40.021	ng	99
47) 2-Chloronaphthalene	9.351	162	1007865	39.059	ng	100
48) 2-Nitroaniline	9.451	65	332499	38.751	ng	95
49) Acenaphthylene	9.769	152	1521199	38.797	ng	100
50) Dimethylphthalate	9.628	163	1224100	40.542	ng	100
51) 2,6-Dinitrotoluene	9.693	165	272797	40.367	ng	92
52) Acenaphthene	9.940	154	1104619m	43.134	ng	
53) 3-Nitroaniline	9.869	138	237042	29.705	ng	92
54) 2,4-Dinitrophenol	9.981	184	276978	80.286	ng	# 87
55) Dibenzofuran	10.110	168	1390145	39.378	ng	96
56) 4-Nitrophenol	10.051	139	375496	63.781	ng	99
57) 2,4-Dinitrotoluene	10.104	165	358422	40.600	ng	98
58) Fluorene	10.457	166	1124087	39.796	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	258569m	36.886	ng	
60) Diethylphthalate	10.328	149	1188793	40.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.446	204	512554	41.160	ng	95
62) 4-Nitroaniline	10.487	138	289852	36.615	ng	98
63) Azobenzene	10.604	77	1148291	38.572	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	182224	39.784	ng	85
66) n-Nitrosodiphenylamine	10.569	169	983667	40.703	ng	97
67) 4-Bromophenyl-phenylether	10.934	248	332974	41.902	ng	94
68) Hexachlorobenzene	11.004	284	369497	42.914	ng	97
69) Atrazine	11.098	200	331460	45.155	ng	98
70) Pentachlorophenol	11.204	266	306761	65.537	ng	98
71) Phenanthrene	11.422	178	1557739	39.324	ng	99
72) Anthracene	11.475	178	1587447	40.779	ng	99
73) Carbazole	11.628	167	1470813	40.137	ng	99
74) Di-n-butylphthalate	11.945	149	1851756	42.433	ng	99
75) Fluoranthene	12.610	202	1570951	39.140	ng	99
77) Benzidine	12.728	184	695035	43.845	ng	98
78) Pyrene	12.840	202	1565921	41.732	ng	99
80) Butylbenzylphthalate	13.445	149	701804	43.120	ng	97
81) Benzo(a)anthracene	14.028	228	1209975	39.475	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	357708	35.345	ng	# 98
83) Chrysene	14.069	228	1116941	38.664	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	935884	43.677	ng	100
85) Di-n-octyl phthalate	14.610	149	1377000	44.658	ng	97
87) Indeno(1,2,3-cd)pyrene	17.016	276	1040196	41.360	ng	99
88) Benzo(b)fluoranthene	15.081	252	1103300	44.536	ng	99
89) Benzo(k)fluoranthene	15.116	252	985811	40.606	ng	99
90) Benzo(a)pyrene	15.457	252	904249	44.964	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	906979	44.308	ng	100
92) Benzo(g,h,i)perylene	17.474	276	906049	43.317	ng	100

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

Manual Integrations APPROVED

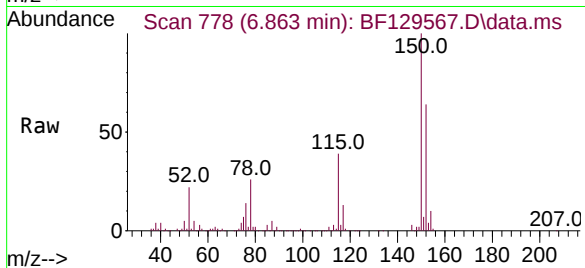
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129567.D
 Acq: 04 Aug 2022 12:26

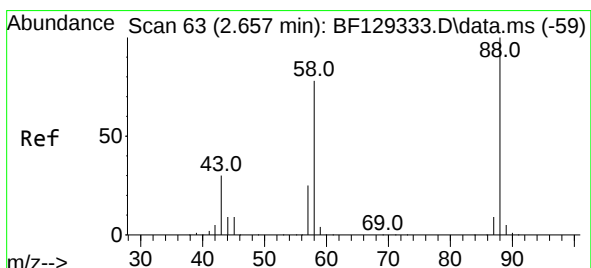
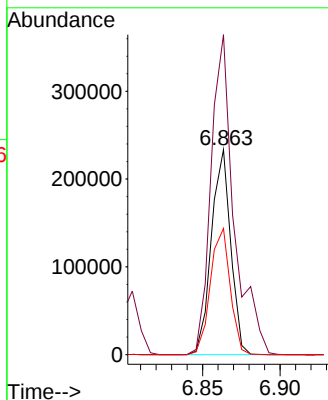
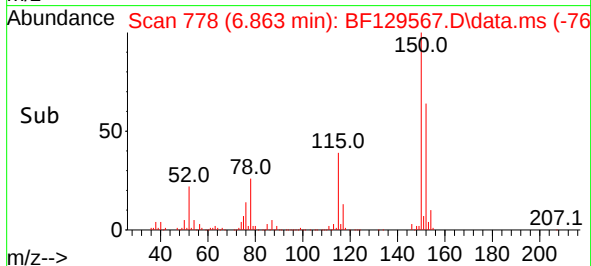
Instrument :
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 PB146631BS



Tgt Ion: 152 Resp: 202278
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.7 185.5
 115 61.5 49.9 74.9

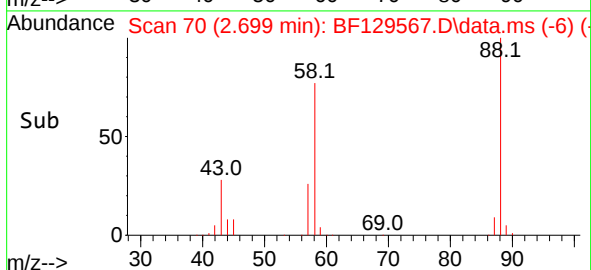
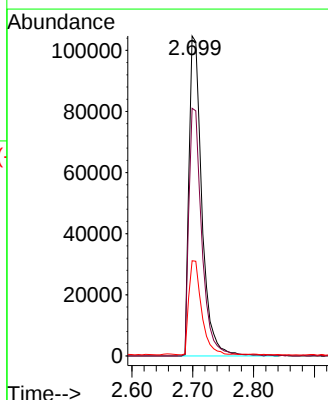
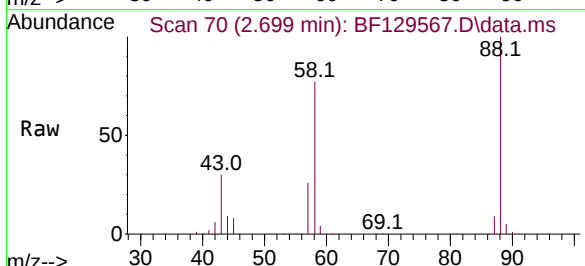
Manual Integrations
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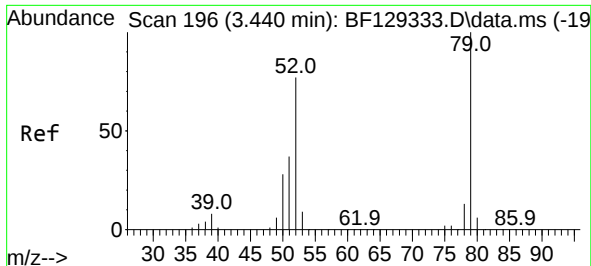
Reviewed By : Christian Giraldo 08/05/2022
 Supervised By : Jagrut Upadhyay 08/05/2022



#2
 1,4-Dioxane
 Concen: 27.359 ng
 RT: 2.699 min Scan# 70
 Delta R.T. 0.077 min
 Lab File: BF129567.D
 Acq: 04 Aug 2022 12:26

Tgt Ion: 88 Resp: 153279
 Ion Ratio Lower Upper
 88 100
 58 78.2 71.8 107.8
 43 29.2 26.6 39.8





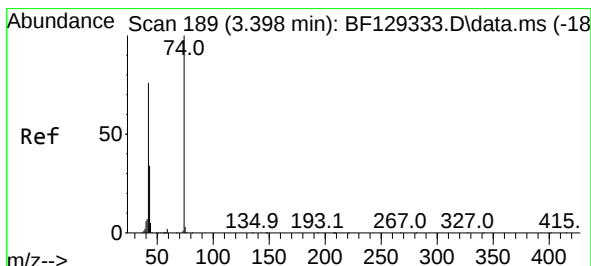
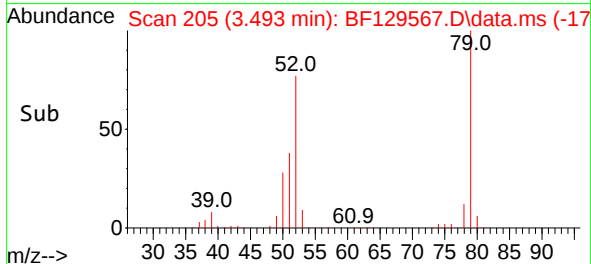
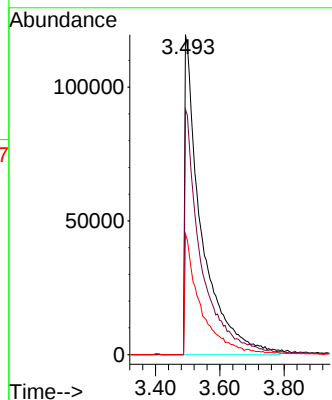
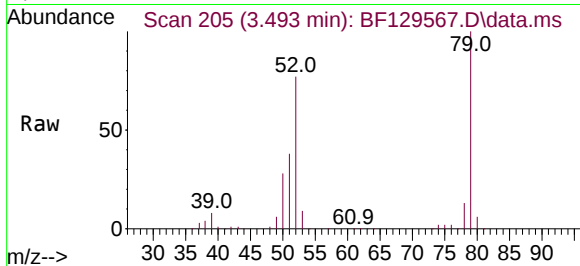
#3
Pyridine
Concen: 27.313 ng
RT: 3.493 min Scan# 205
Delta R.T. 0.083 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :
BNA_F
ClientSampleId :
PB146631BS

Tgt Ion: 79 Resp: 424942
Ion Ratio Lower Upper
79 100
52 76.6 68.6 102.8
51 37.7 32.9 49.3

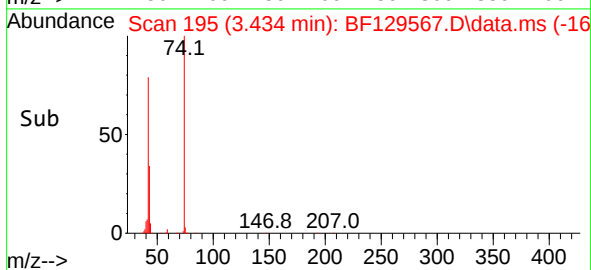
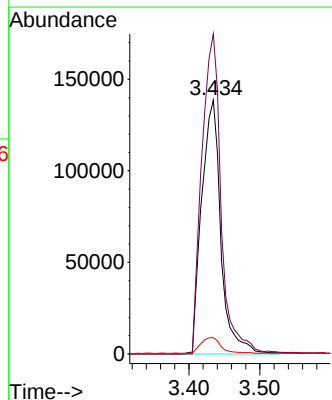
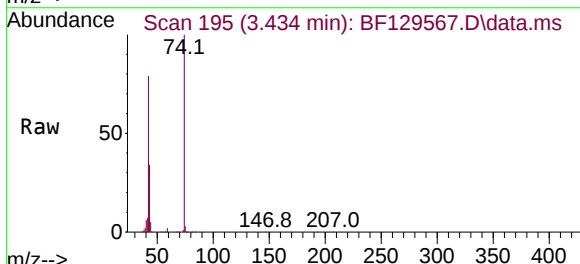
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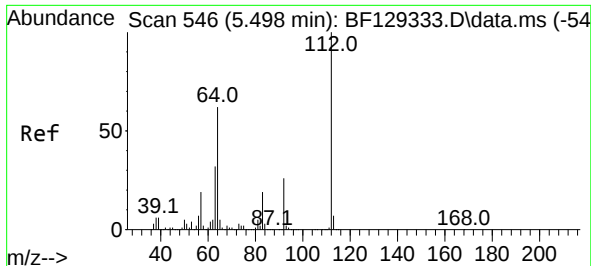
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#4
n-Nitrosodimethylamine
Concen: 37.847 ng
RT: 3.434 min Scan# 195
Delta R.T. 0.071 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

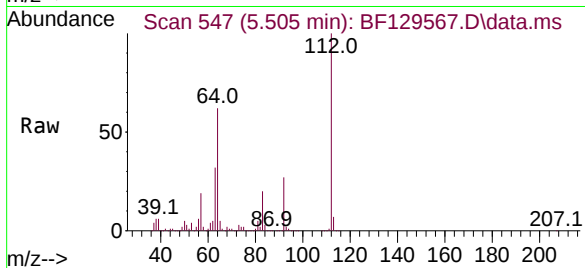
Tgt Ion: 42 Resp: 258570
Ion Ratio Lower Upper
42 100
74 126.0 94.8 142.2
44 6.4 6.6 10.0





#5
2-Fluorophenol
Concen: 112.840 ng
RT: 5.505 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

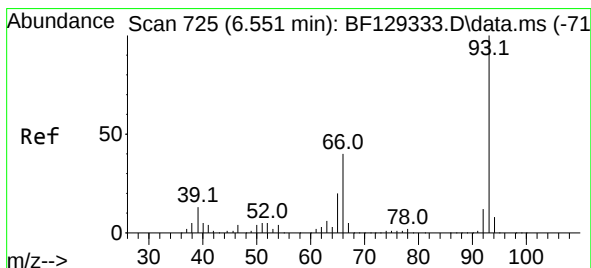
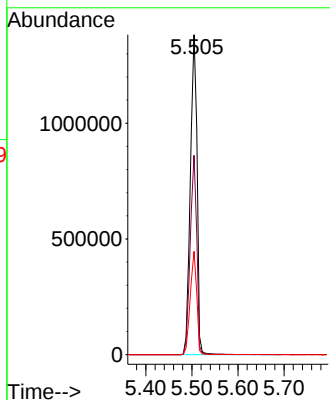
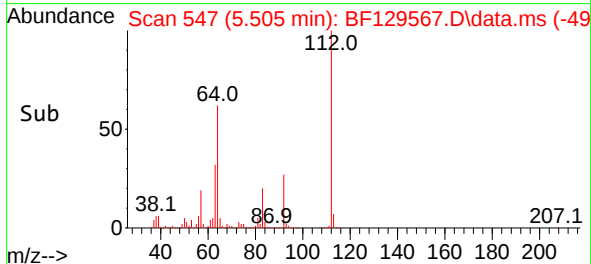
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Tgt Ion: 112 Resp: 1401168
Ion Ratio Lower Upper
112 100
64 62.3 53.3 79.9
63 32.3 28.0 42.0

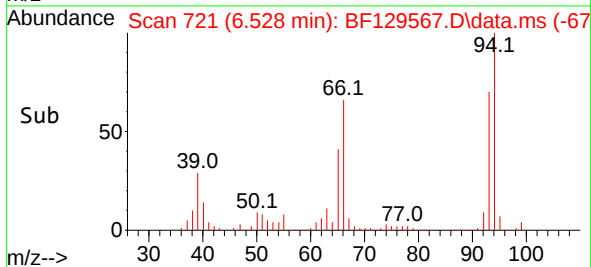
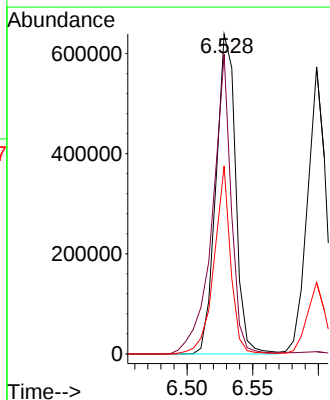
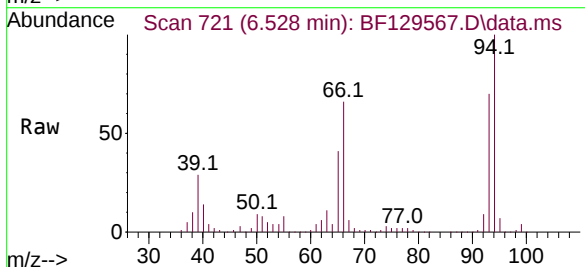
Manual Integrations
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#6
Aniline
Concen: 34.295 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

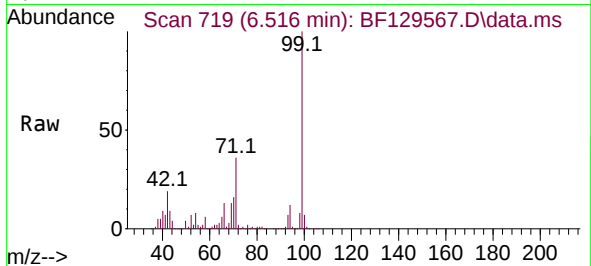
Tgt Ion: 93 Resp: 665434
Ion Ratio Lower Upper
93 100
66 93.6 32.5 48.7#
65 58.7 16.4 24.6#





#7
Phenol-d6
Concen: 111.430 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

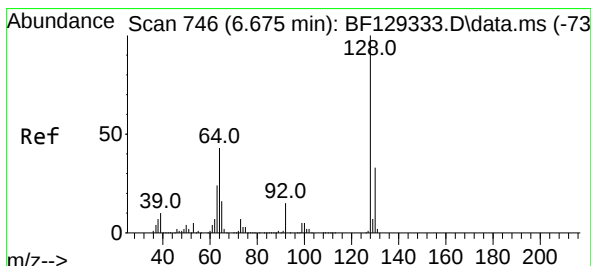
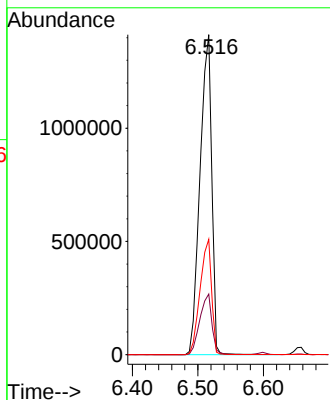
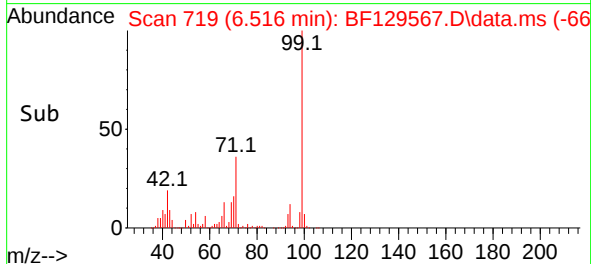
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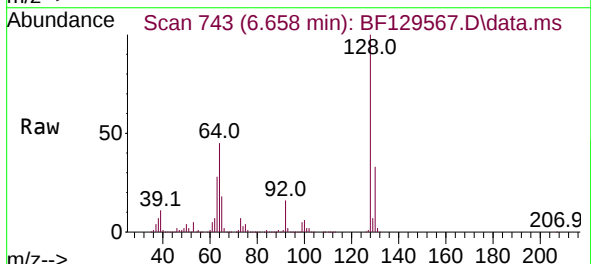
Tgt Ion: 99 Resp: 1739176
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 36.0 28.9 43.3

Manual Integrations
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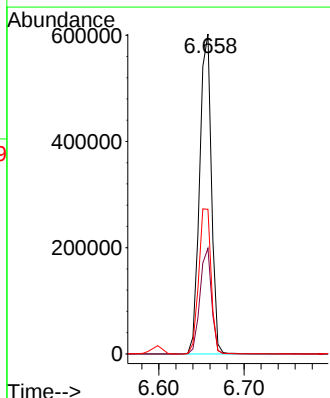
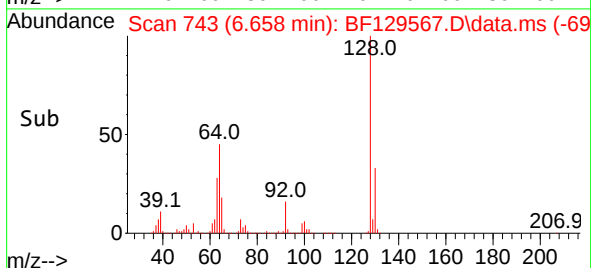
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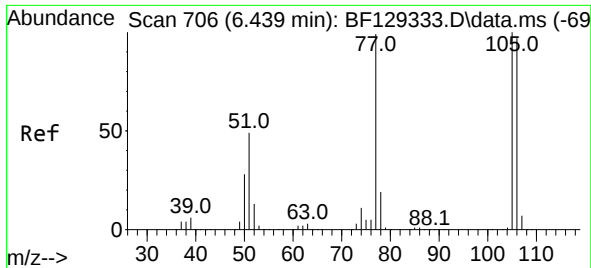


#8
2-Chlorophenol
Concen: 42.609 ng
RT: 6.658 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



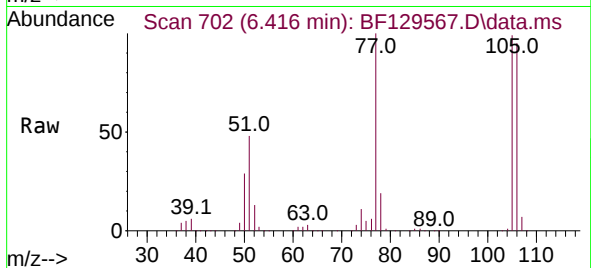
Tgt Ion:128 Resp: 578047
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 45.2 30.9 70.9





#9
Benzaldehyde
Concen: 28.172 ng
RT: 6.416 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

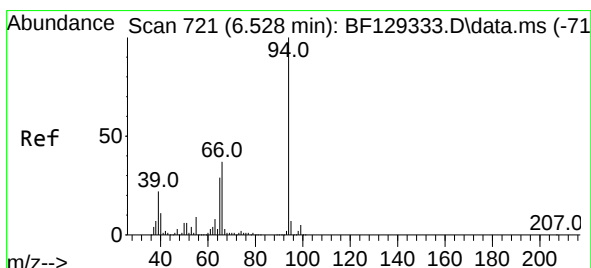
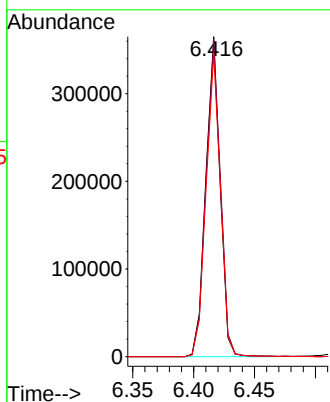
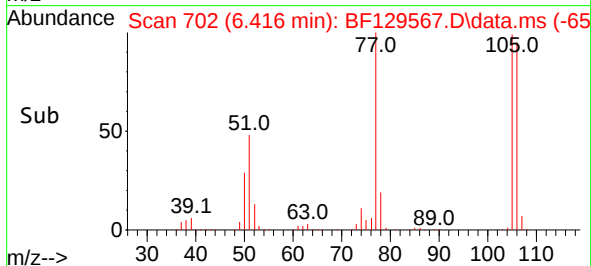
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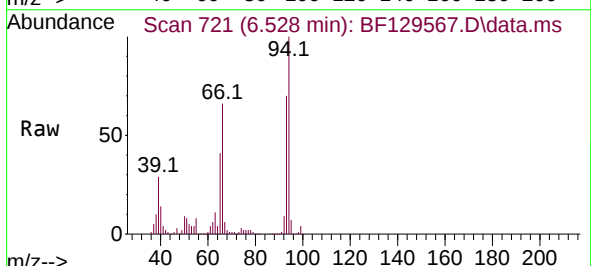
Tgt Ion: 77 Resp: 298602
Ion Ratio Lower Upper
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105 99.2 81.6 121.6
106 94.5 76.1 116.1

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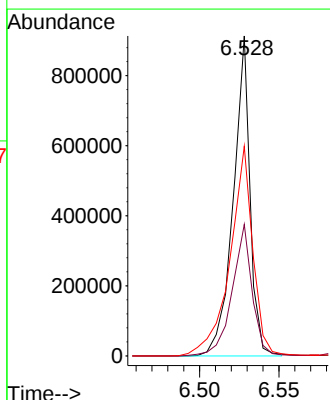
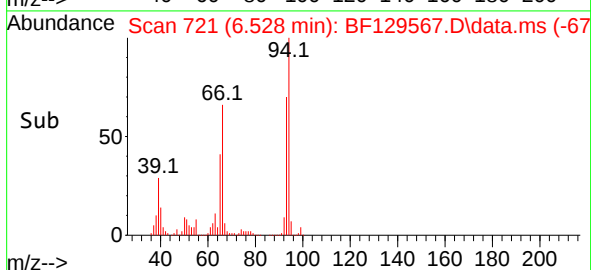
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Supervised By :Jagrut Upadhyay 08/05/2022

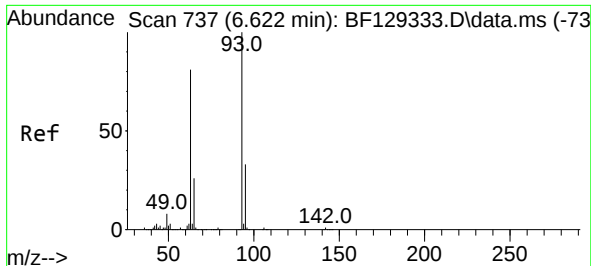


#10
Phenol
Concen: 40.521 ng m
RT: 6.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



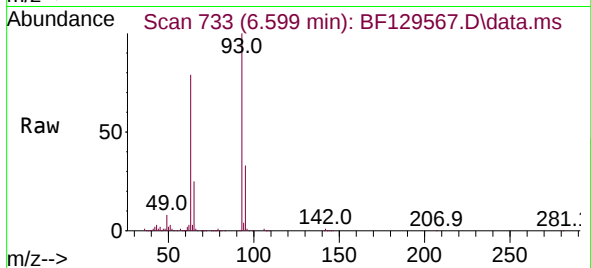
Tgt Ion: 94 Resp: 673499
Ion Ratio Lower Upper
94 100
65 41.1 11.4 51.4
66 65.5 21.4 61.4#





#11
bis(2-Chloroethyl)ether
Concen: 40.946 ng
RT: 6.599 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

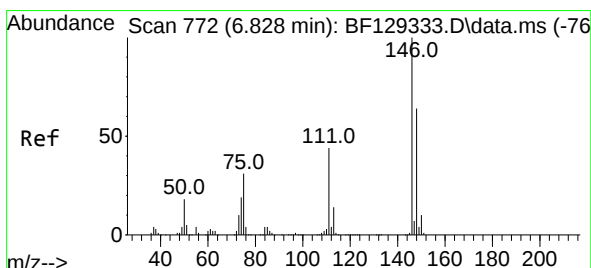
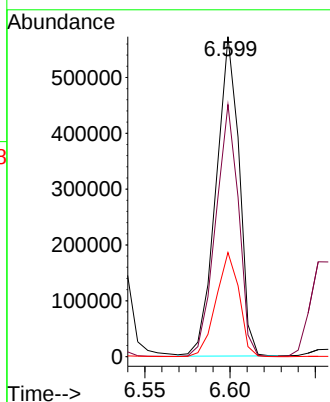
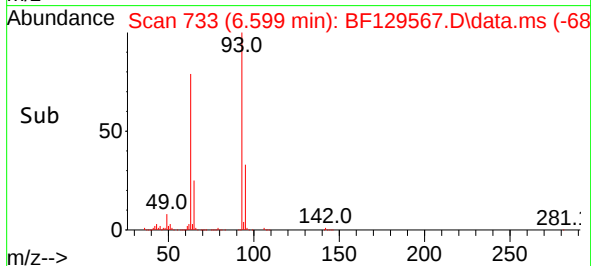
Instrument :
BNA_F
ClientSampleId :
PB146631BS



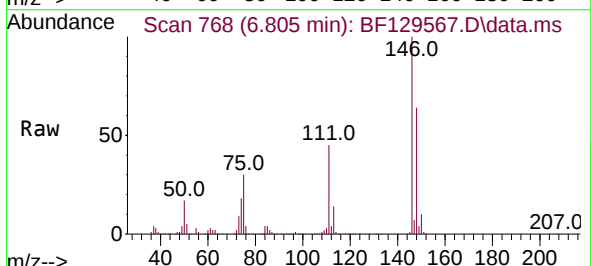
Tgt Ion: 93 Resp: 539726
Ion Ratio Lower Upper
93 100
63 78.8 67.4 107.4
95 32.5 12.7 52.7

Manual Integrations
APPROVED

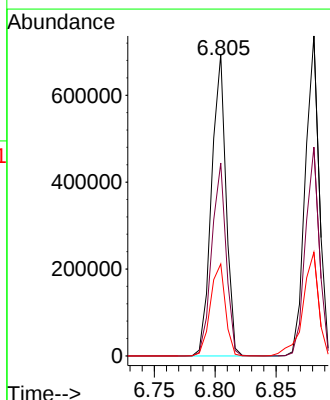
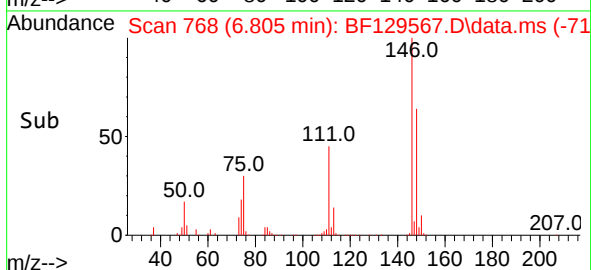
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

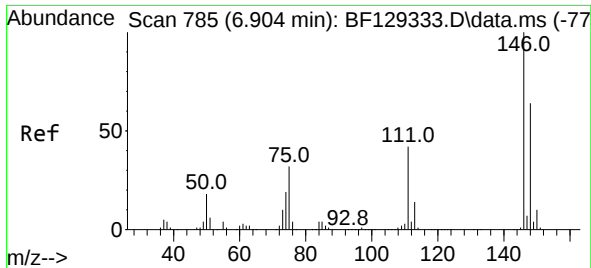


#12
1,3-Dichlorobenzene
Concen: 39.531 ng
RT: 6.805 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



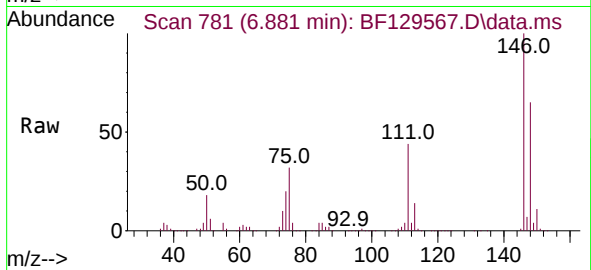
Tgt Ion:146 Resp: 575160
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 30.5 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 39.307 ng
RT: 6.881 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

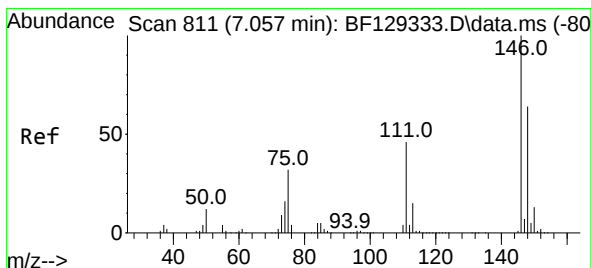
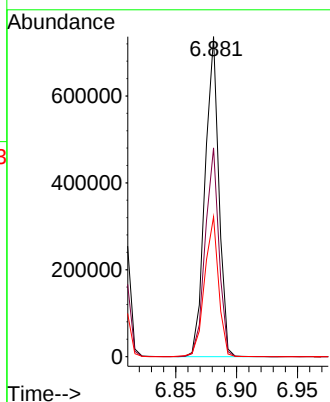
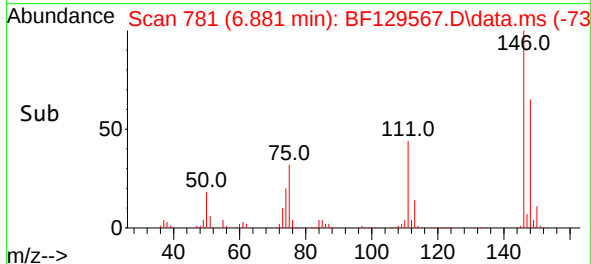
Instrument :
BNA_F
ClientSampleId :
PB146631BS



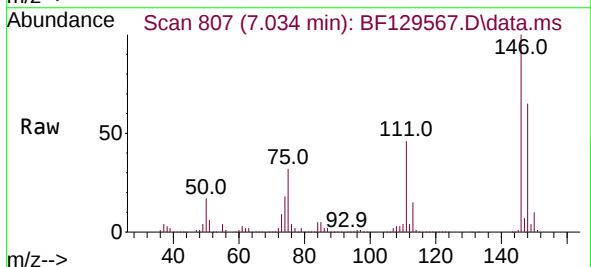
Tgt Ion:146 Resp: 581636
Ion Ratio Lower Upper
146 100
148 65.2 51.1 76.7
111 43.7 34.2 51.4

Manual Integrations
APPROVED

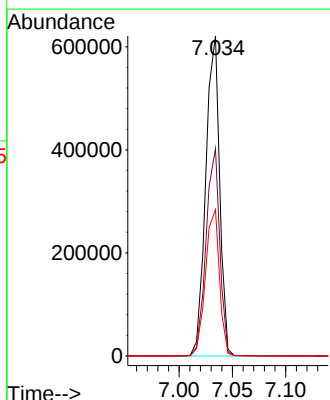
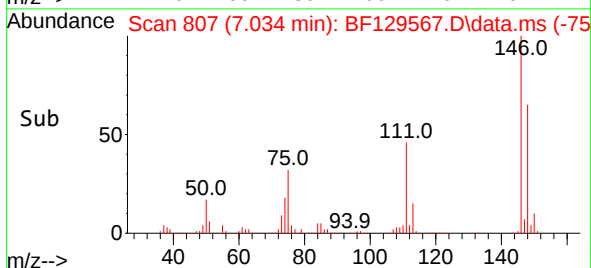
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

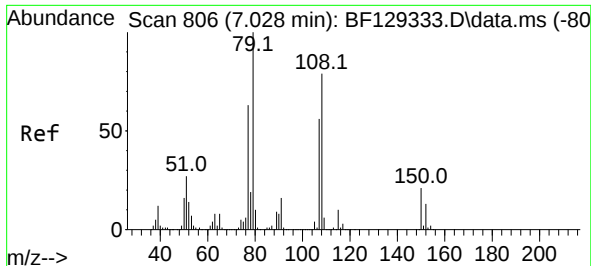


#14
1,2-Dichlorobenzene
Concen: 41.217 ng
RT: 7.034 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



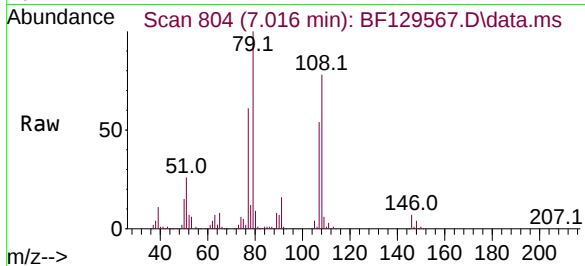
Tgt Ion:146 Resp: 560597
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
111 45.7 35.1 52.7





#15
Benzyl Alcohol
Concen: 43.965 ng
RT: 7.016 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

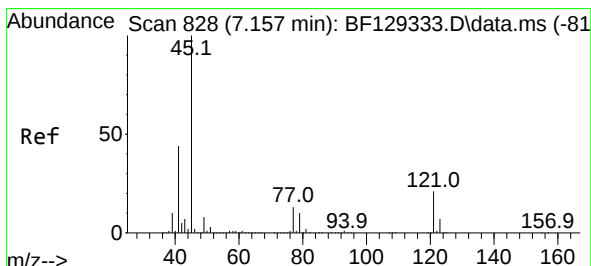
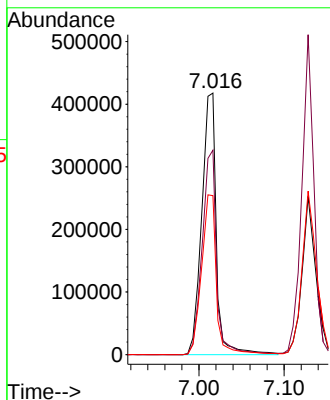
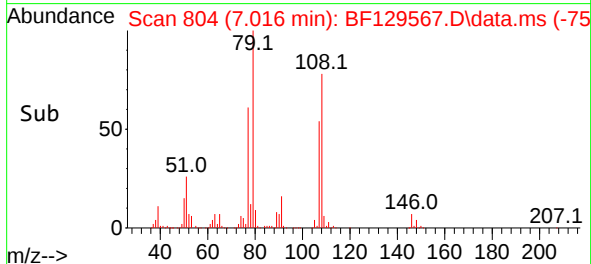
Instrument :
BNA_F
Client Sample Id :
PB146631BS



Tgt Ion: 79 Resp: 497675
Ion Ratio Lower Upper
79 100
108 78.2 61.8 92.6
77 60.8 50.2 75.4

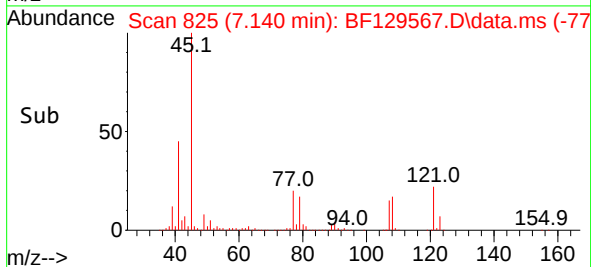
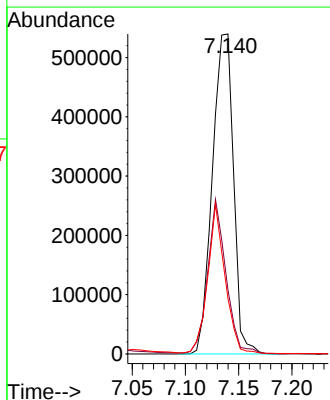
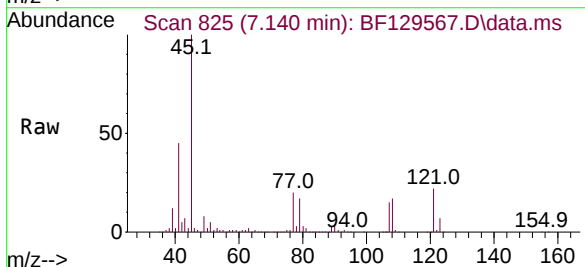
Manual Integrations
APPROVED

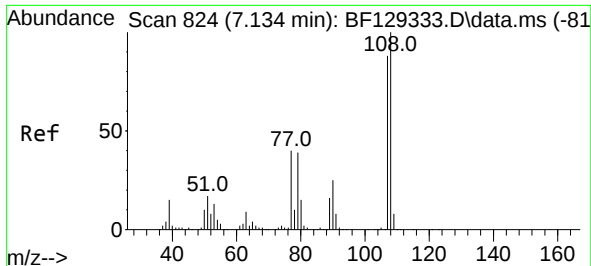
Reviewed By : Christian Giraldo 08/05/2022
Supervised By : Jagrut Upadhyay 08/05/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.624 ng
RT: 7.140 min Scan# 825
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

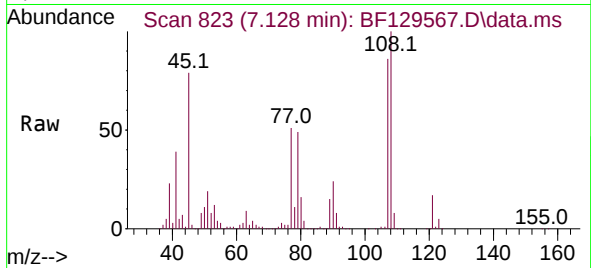
Tgt Ion: 45 Resp: 745477
Ion Ratio Lower Upper
45 100
77 20.0 0.0 31.3
79 17.4 0.0 28.3





#17
2-Methylphenol
Concen: 40.185 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

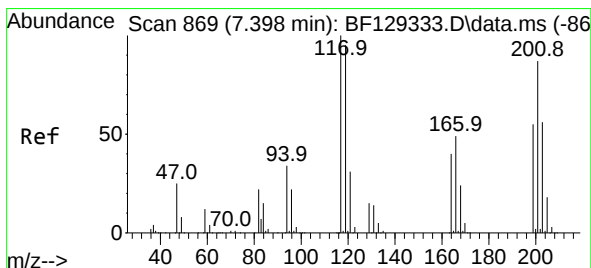
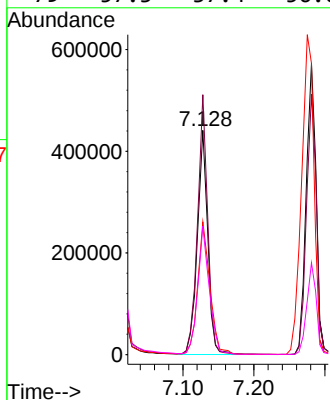
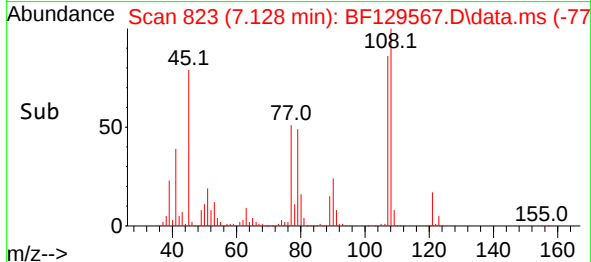
Instrument :
BNA_F
ClientSampleId :
PB146631BS



Tgt Ion:107 Resp: 452260
Ion Ratio Lower Upper
107 100
108 115.9 91.9 137.9
77 59.2 37.8 56.8
79 57.3 37.4 56.0#

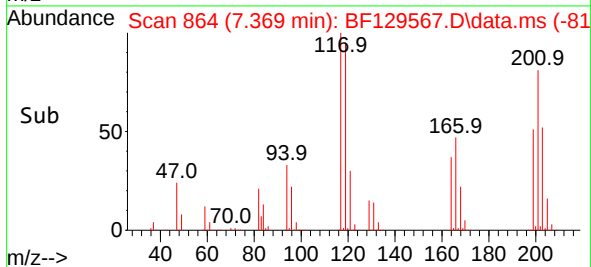
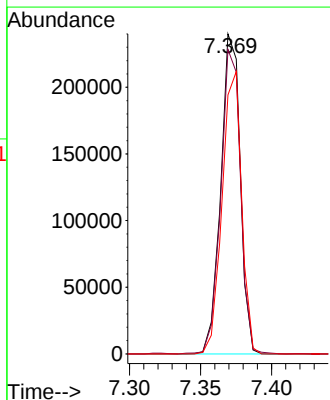
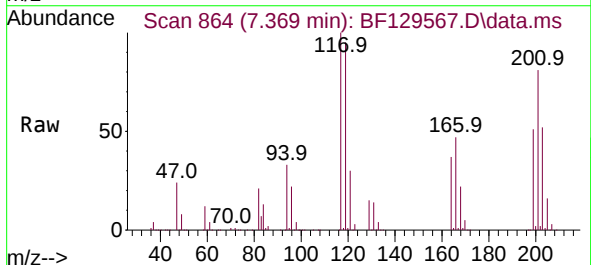
Manual Integrations
APPROVED

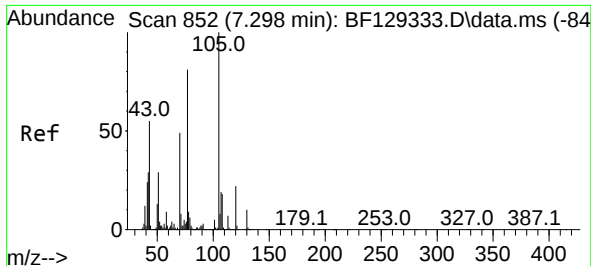
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#18
Hexachloroethane
Concen: 41.114 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

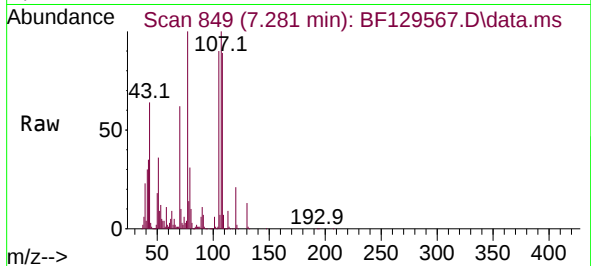
Tgt Ion:117 Resp: 229074
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.2
201 80.9 84.6 127.0#





#19
n-Nitroso-di-n-propylamine
Concen: 41.050 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

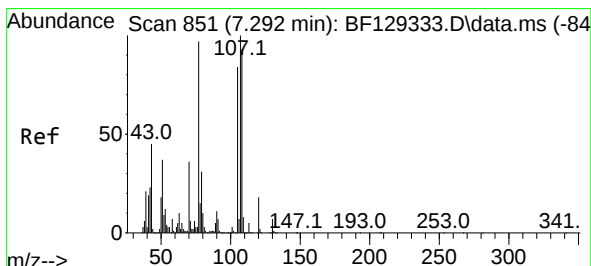
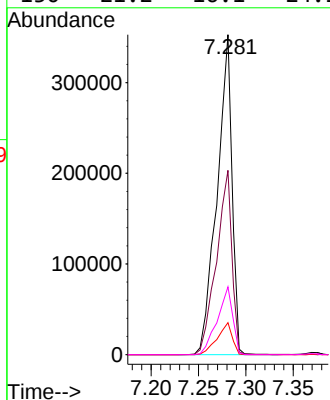
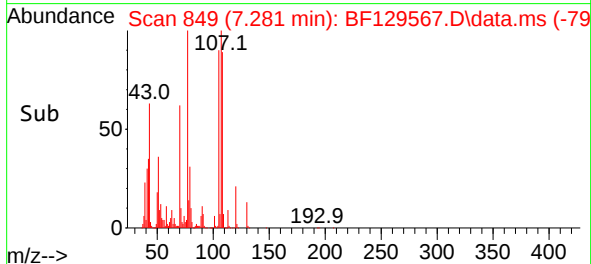
Instrument :
BNA_F
ClientSampleId :
PB146631BS



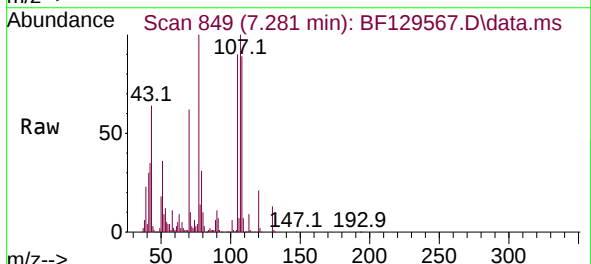
Tgt Ion: 70 Resp: 387876
Ion Ratio Lower Upper
70 100
42 57.6 52.3 78.5
101 10.0 7.5 11.3
130 21.2 16.1 24.1

Manual Integrations
APPROVED

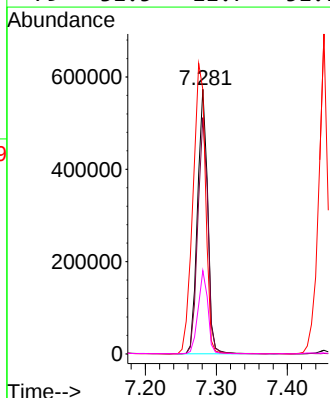
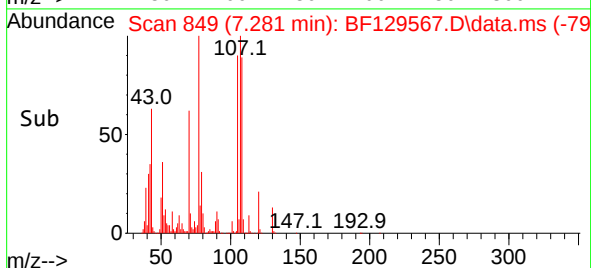
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#20
3+4-Methylphenols
Concen: 39.337 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



Tgt Ion:107 Resp: 562891
Ion Ratio Lower Upper
107 100
108 89.3 71.8 111.8
77 99.9 59.3 99.3#
79 31.5 11.7 51.7





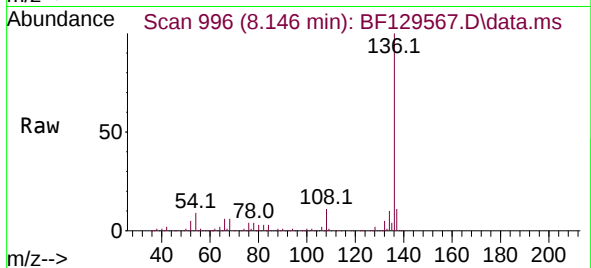
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.146 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB146631BS

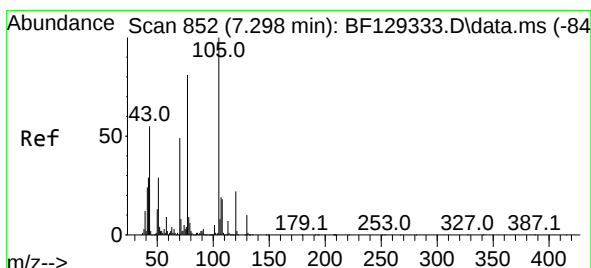
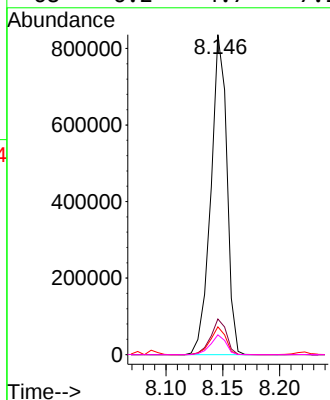
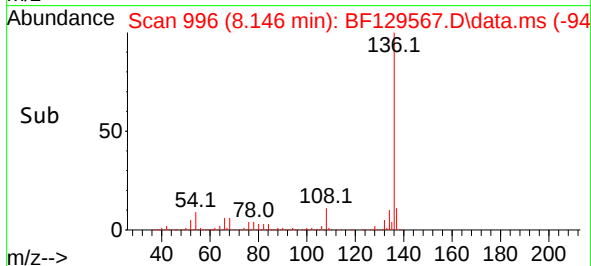


Tgt Ion:136 Resp: 820511
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 7.5 11.3
68 6.2 4.7 7.1

Manual Integrations

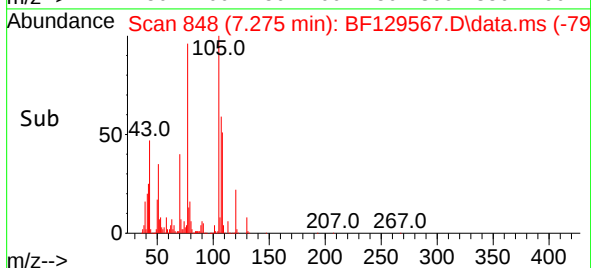
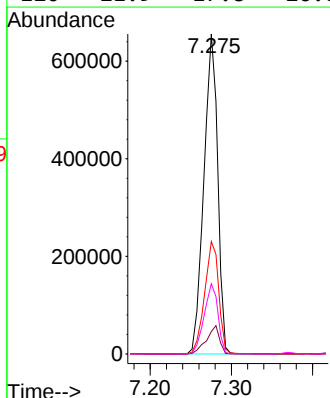
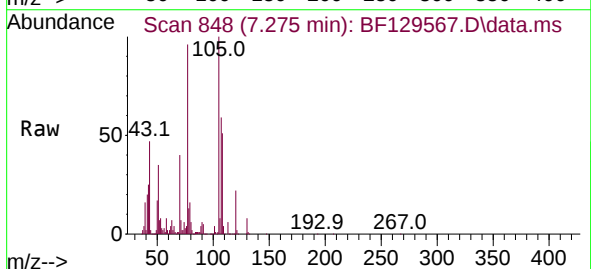
APPROVED

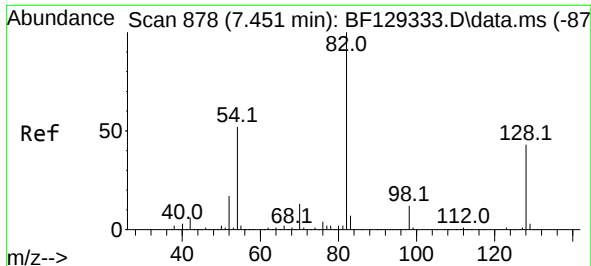
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#22
Acetophenone
Concen: 40.574 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Tgt Ion:105 Resp: 775081
Ion Ratio Lower Upper
105 100
71 7.0 5.0 7.4
51 35.1 25.0 37.4
120 21.9 17.8 26.8





#23

Nitrobenzene-d5

Concen: 75.210 ng

RT: 7.434 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB146631BS

Tgt Ion: 82 Resp: 1130474

Ion Ratio Lower Upper

82 100

128 44.8 34.0 51.0

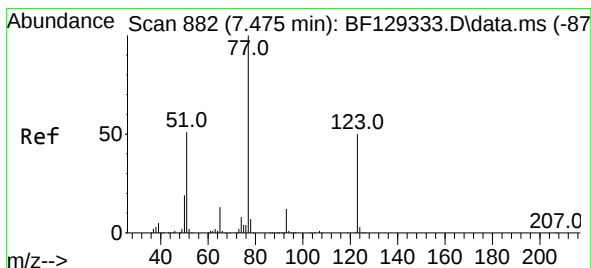
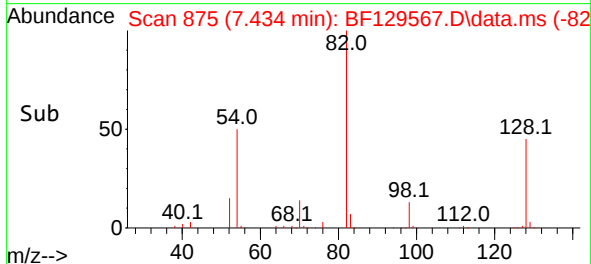
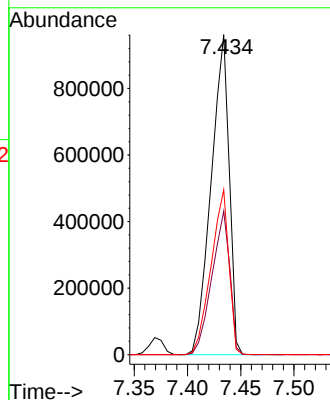
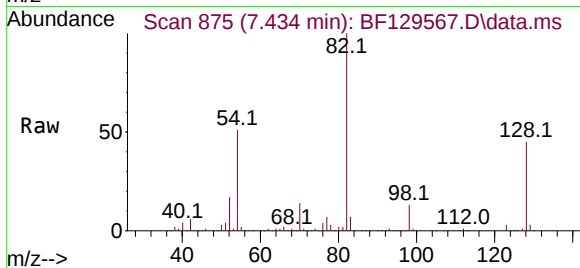
54 51.5 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#24

Nitrobenzene

Concen: 38.504 ng

RT: 7.452 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

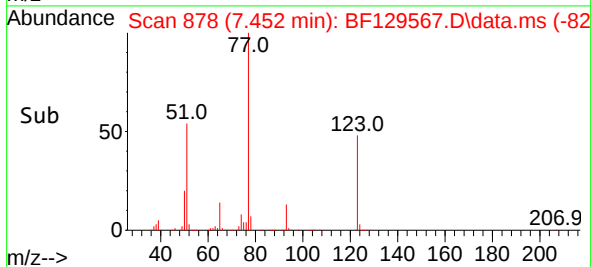
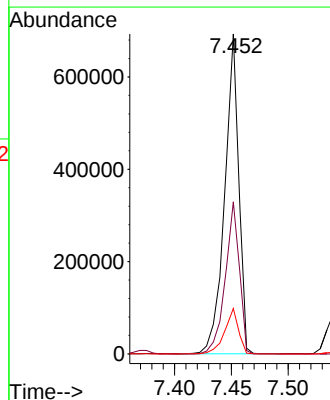
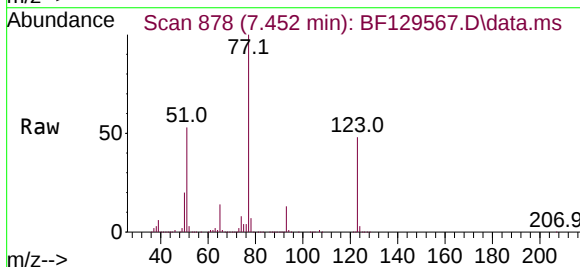
Tgt Ion: 77 Resp: 595972

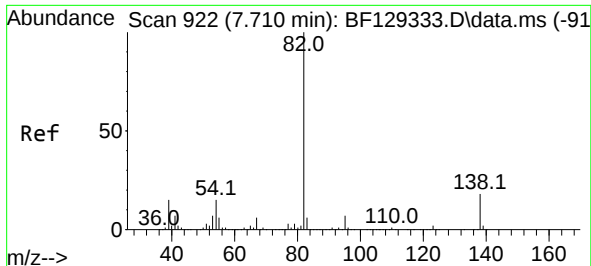
Ion Ratio Lower Upper

77 100

123 47.5 35.4 53.2

65 14.2 11.8 17.8





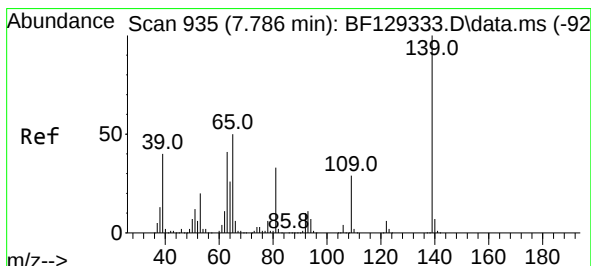
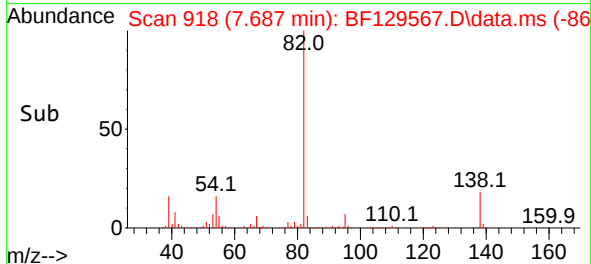
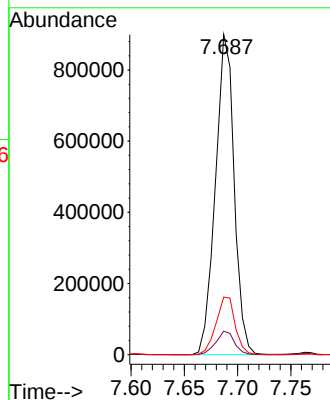
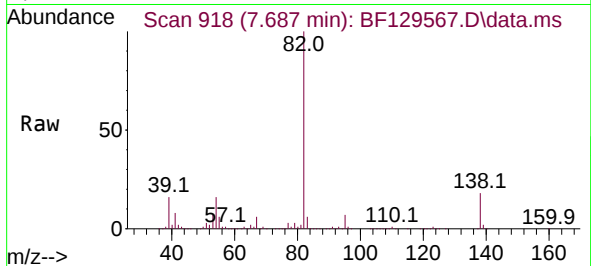
#25
Isophorone
Concen: 40.913 ng
RT: 7.687 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :
BNA_F
ClientSampleId :
PB146631BS

Tgt Ion: 82 Resp: 1102311
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.0 14.2 21.2

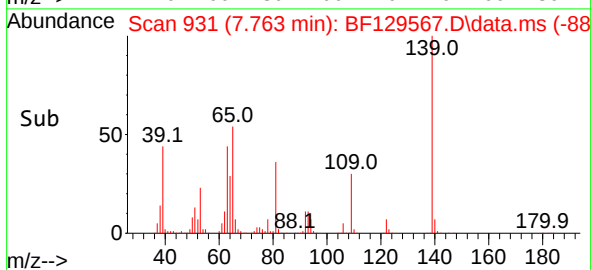
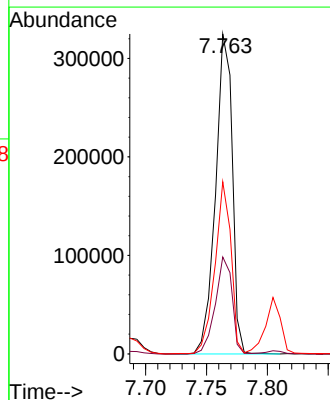
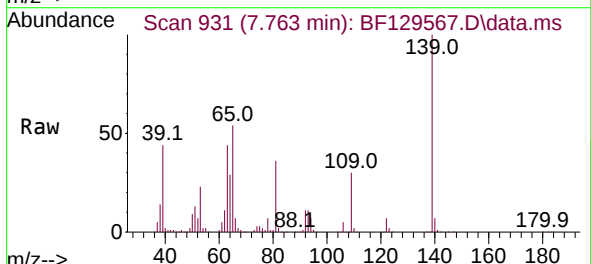
Manual Integrations
APPROVED

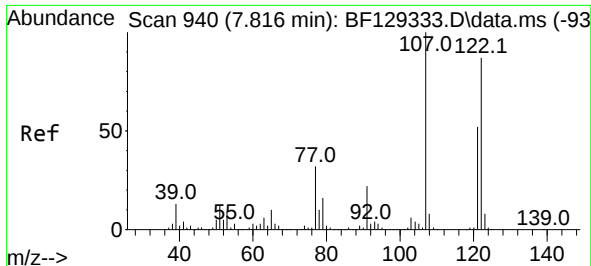
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#26
2-Nitrophenol
Concen: 40.607 ng
RT: 7.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Tgt Ion:139 Resp: 310067
Ion Ratio Lower Upper
139 100
109 30.3 25.0 37.4
65 53.8 45.1 67.7





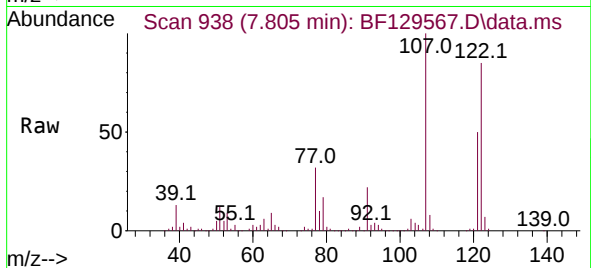
#27
2,4-Dimethylphenol
Concen: 45.034 ng m
RT: 7.805 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB146631BS

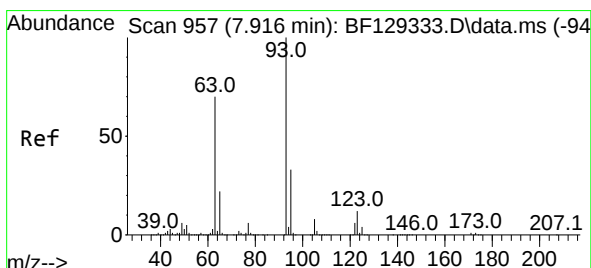
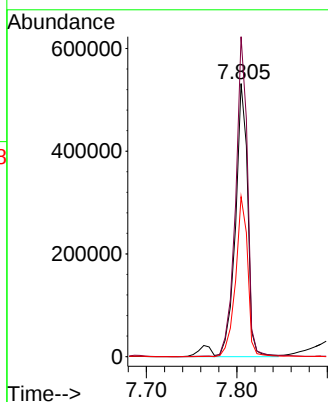
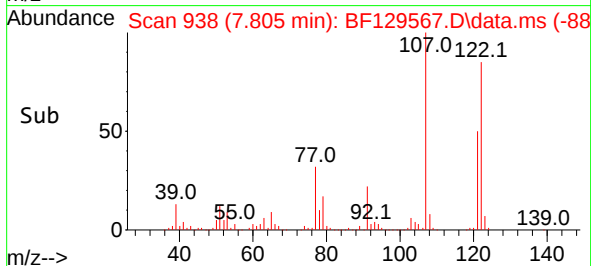


Tgt Ion:122 Resp: 515805
Ion Ratio Lower Upper
122 100
107 117.2 93.0 139.6
121 58.6 46.6 70.0

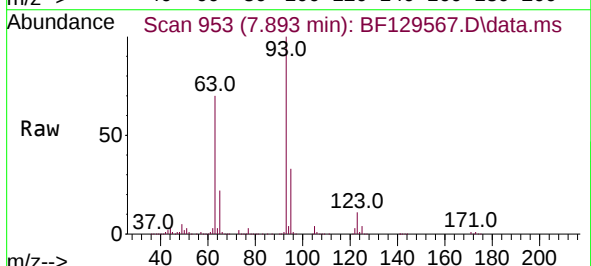
Manual Integrations

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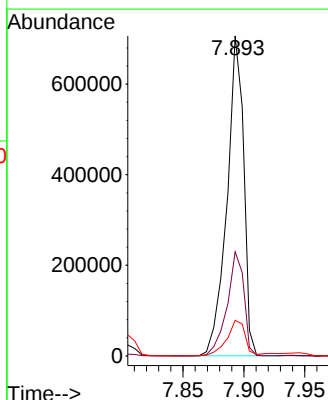
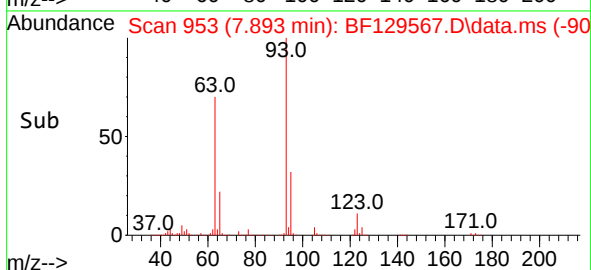
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

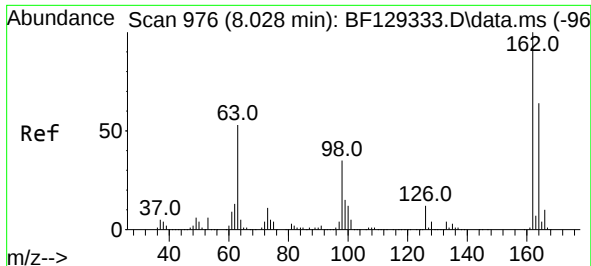


#28
bis(2-Chloroethoxy)methane
Concen: 43.316 ng
RT: 7.893 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



Tgt Ion: 93 Resp: 677005
Ion Ratio Lower Upper
93 100
95 32.5 26.8 40.2
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.716 ng

RT: 8.010 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129567.D

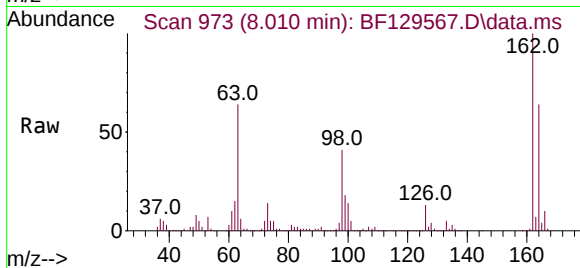
Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB146631BS

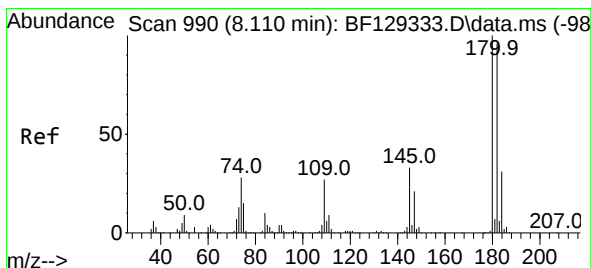
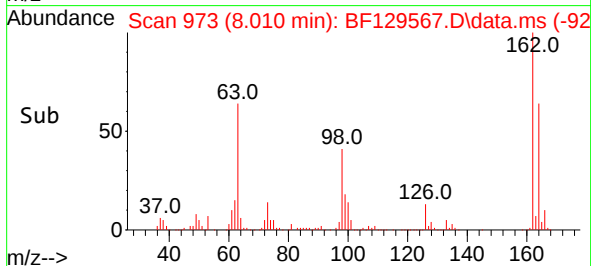
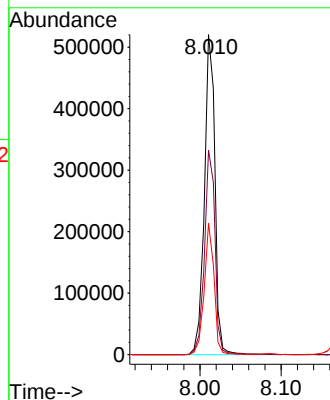


Tgt Ion:	162	Resp:	46951
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.2	84.2
98	41.1	19.6	59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.499 ng

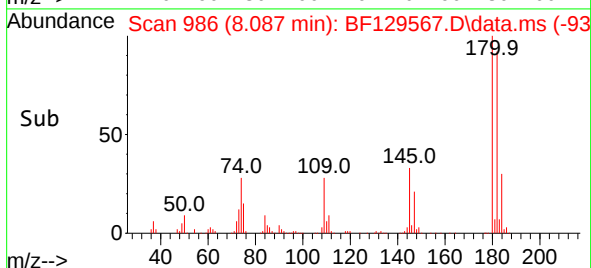
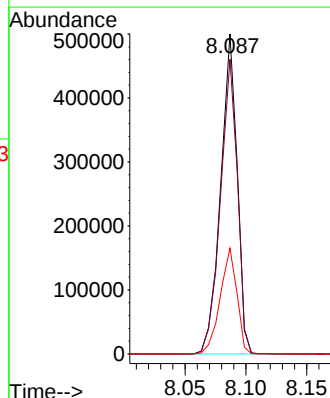
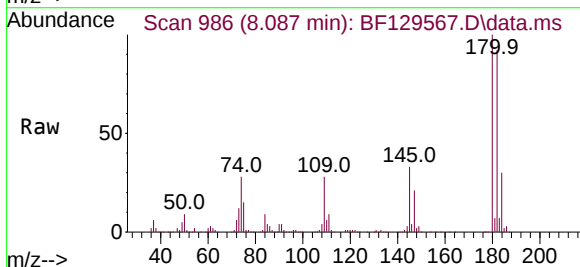
RT: 8.087 min Scan# 986

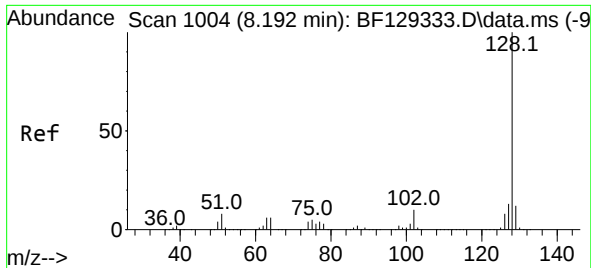
Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

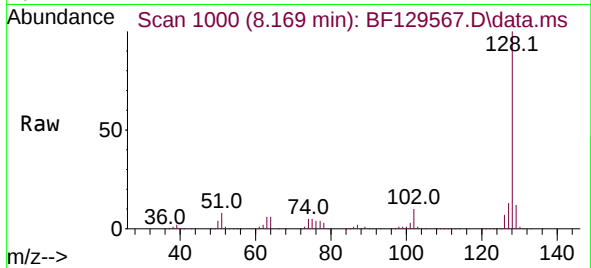
Tgt Ion:	180	Resp:	471096
Ion Ratio	Lower	Upper	
180	100		
182	92.1	79.2	118.8
145	33.0	26.2	39.2





#31
Naphthalene
Concen: 38.380 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

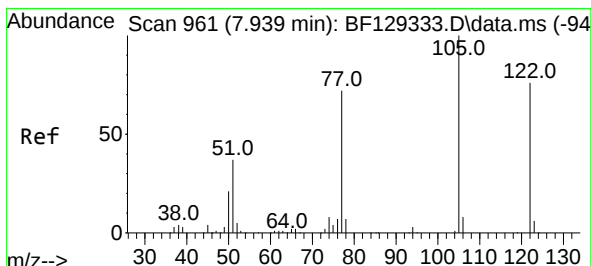
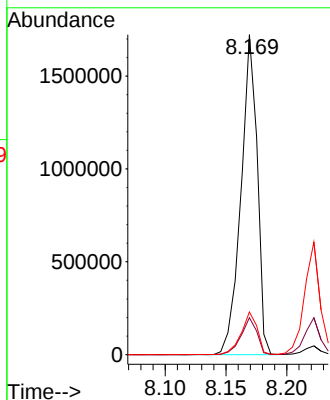
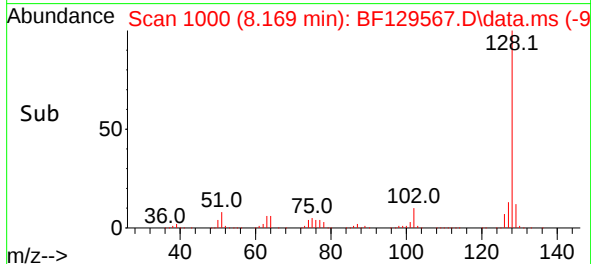
Instrument :
BNA_F
ClientSampleId :
PB146631BS



Tgt Ion:128 Resp: 1599963
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.5 15.7

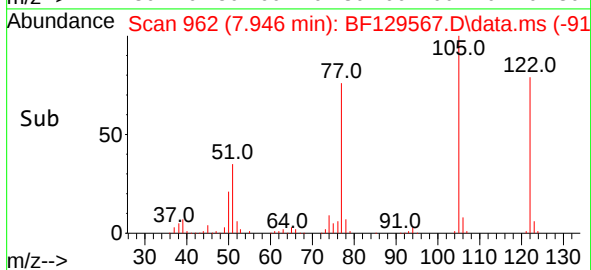
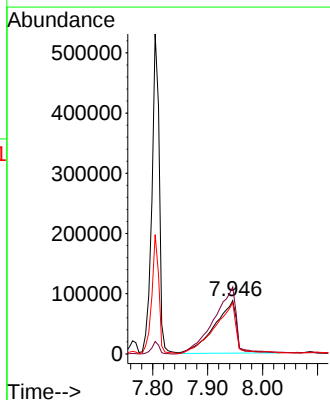
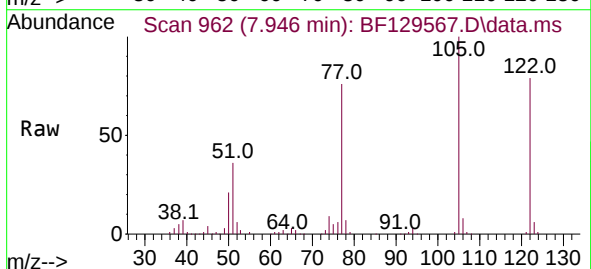
Manual Integrations
APPROVED

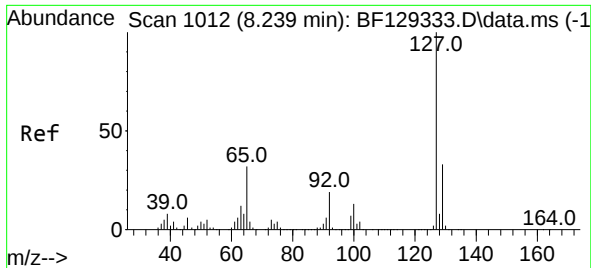
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#32
Benzoic acid
Concen: 29.736 ng
RT: 7.946 min Scan# 962
Delta R.T. 0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Tgt Ion:122 Resp: 246227
Ion Ratio Lower Upper
122 100
105 125.9 107.1 147.1
77 96.3 74.2 114.2





#33
4-Chloroaniline
Concen: 34.062 ng
RT: 8.222 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

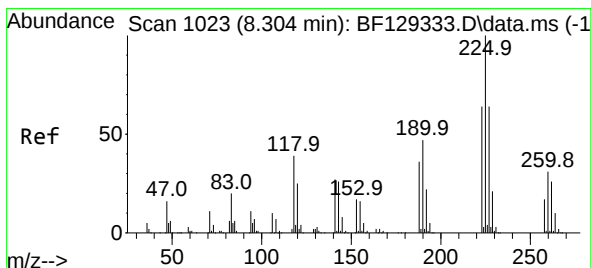
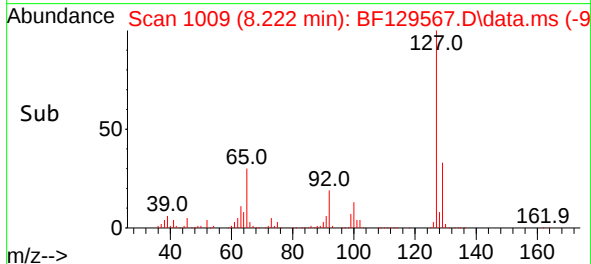
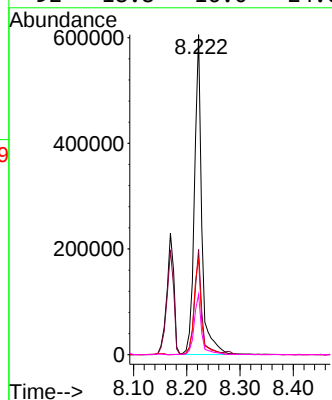
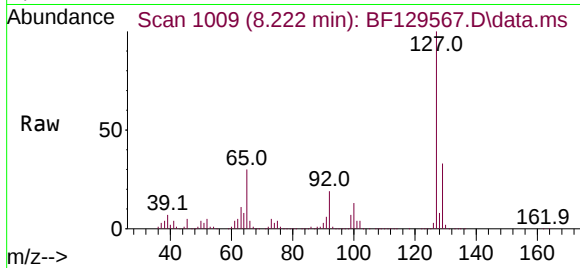
ClientSampleId :

PB146631BS

Tgt Ion:127 Resp: 582958
Ion Ratio Lower Upper
127 100
129 32.8 26.4 39.6
65 30.2 26.4 39.6
92 18.8 16.0 24.0

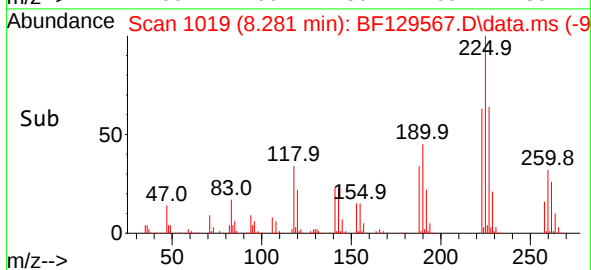
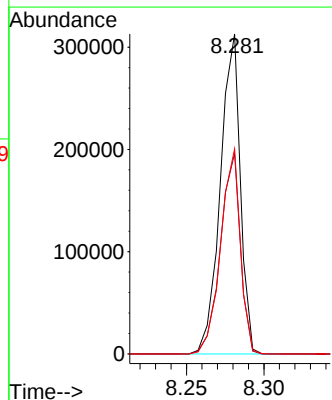
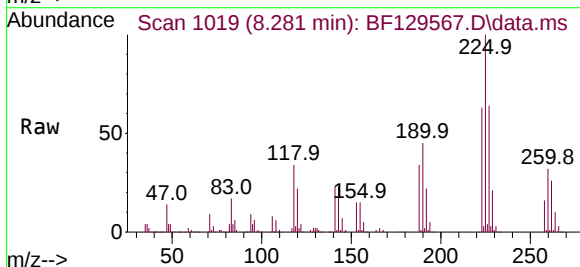
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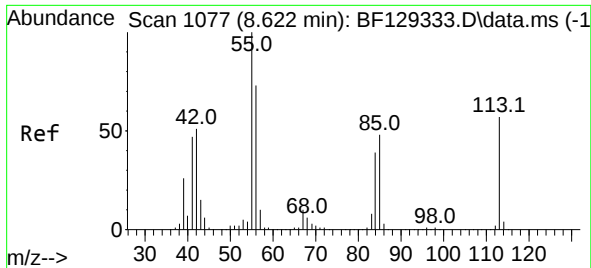
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#34
Hexachlorobutadiene
Concen: 40.422 ng
RT: 8.281 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Tgt Ion:225 Resp: 281162
Ion Ratio Lower Upper
225 100
223 62.6 51.0 76.6
227 64.1 51.1 76.7





#35
 Caprolactam
 Concen: 40.665 ng m
 RT: 8.604 min Scan# 1074
 Delta R.T. -0.006 min
 Lab File: BF129567.D
 Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

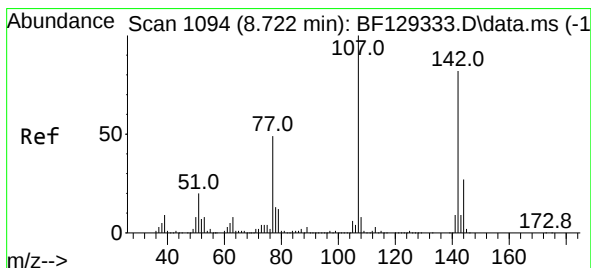
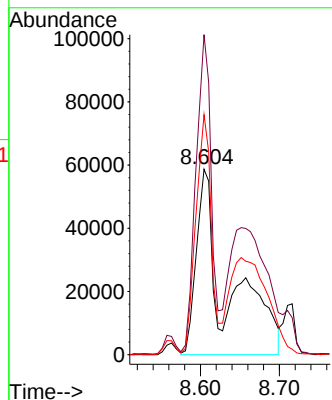
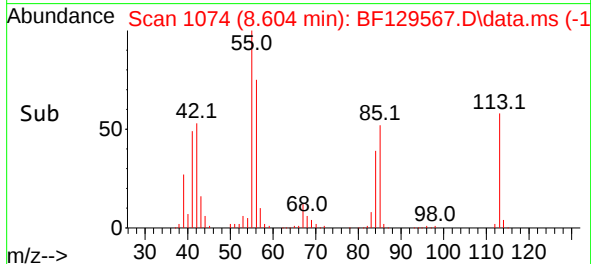
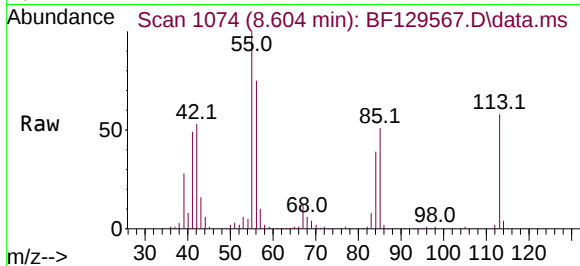
ClientSampleId :

PB146631BS

Tgt Ion:113 Resp: 156294
 Ion Ratio Lower Upper
 113 100
 55 172.6 188.5 228.5
 56 129.4 130.6 170.6

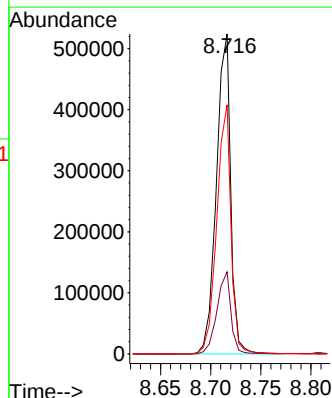
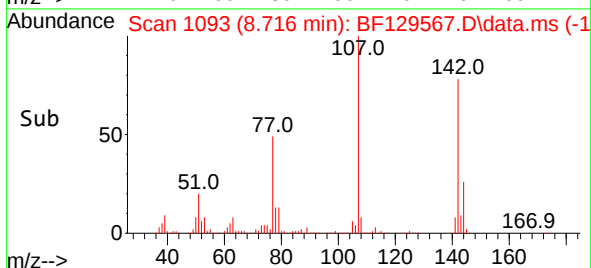
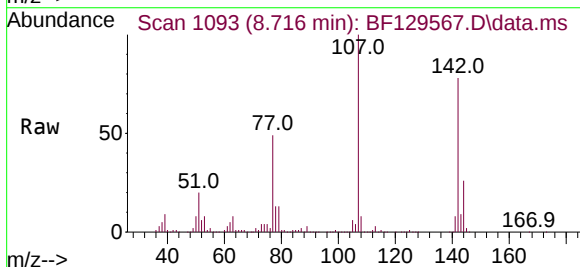
Manual Integrations
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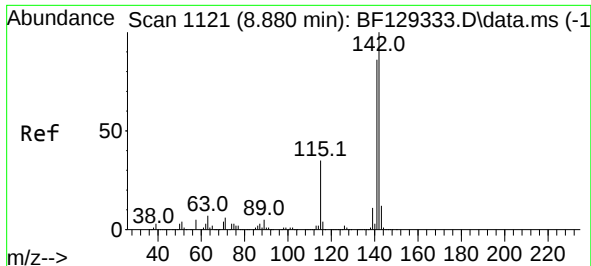
Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022



#36
 4-Chloro-3-methylphenol
 Concen: 41.505 ng
 RT: 8.716 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: BF129567.D
 Acq: 04 Aug 2022 12:26

Tgt Ion:107 Resp: 520414
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.5 29.3
 142 77.9 58.2 87.4





#37

2-Methylnaphthalene

Concen: 38.989 ng

RT: 8.863 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB146631BS

Tgt Ion:142 Resp: 105623

Ion Ratio Lower Upper

142 100

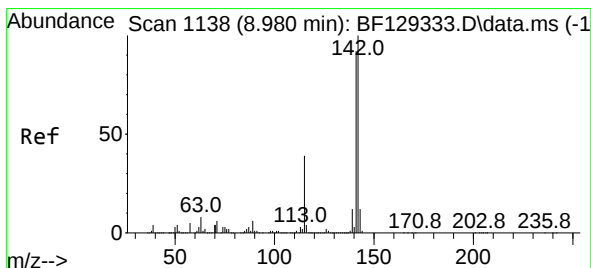
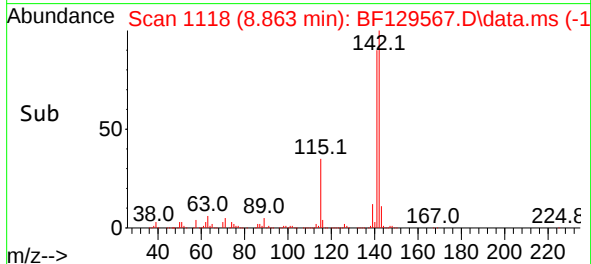
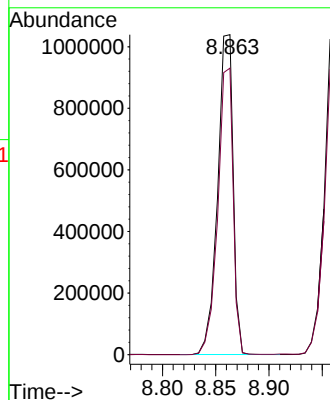
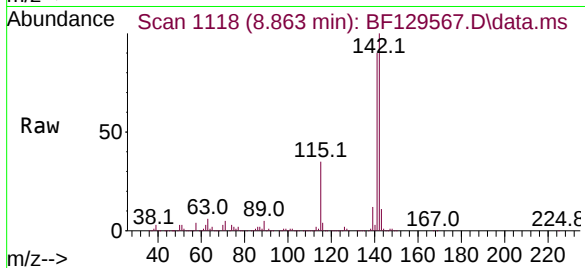
141 89.5 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#38

1-Methylnaphthalene

Concen: 38.529 ng

RT: 8.957 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF129567.D

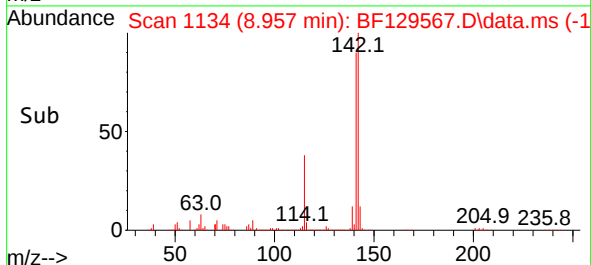
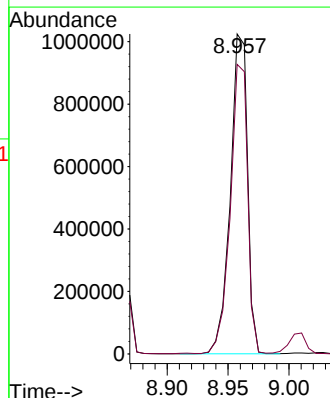
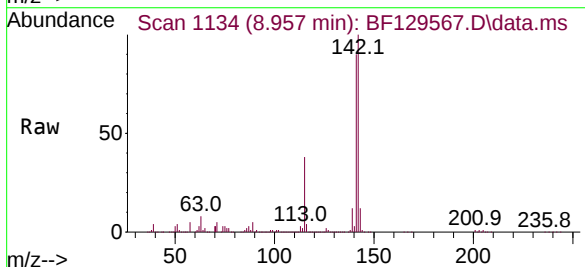
Acq: 04 Aug 2022 12:26

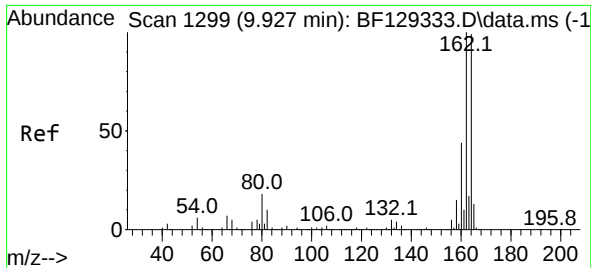
Tgt Ion:142 Resp: 1007610

Ion Ratio Lower Upper

142 100

141 90.5 74.2 111.4





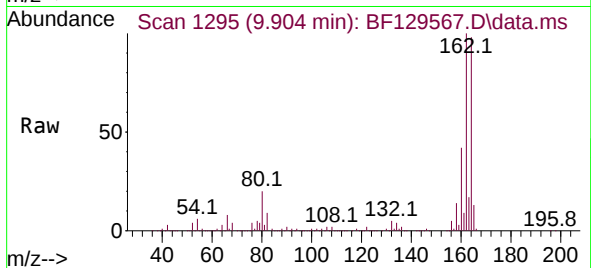
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB146631BS

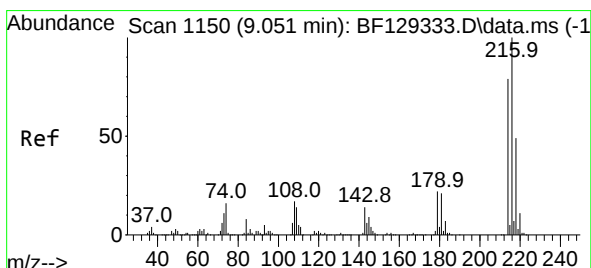
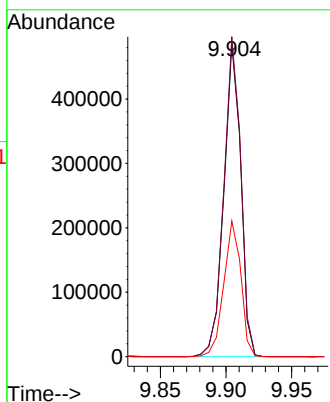
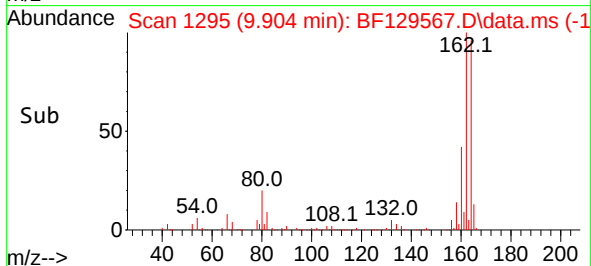


Tgt Ion:164 Resp: 437376
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 43.4 34.2 51.4

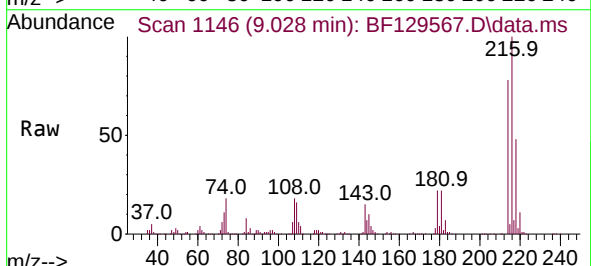
Manual Integrations

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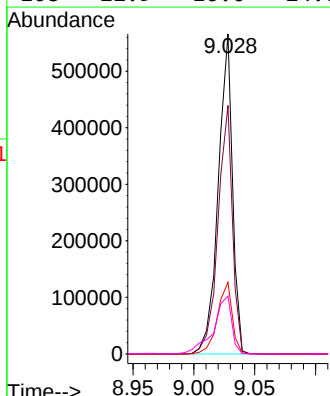
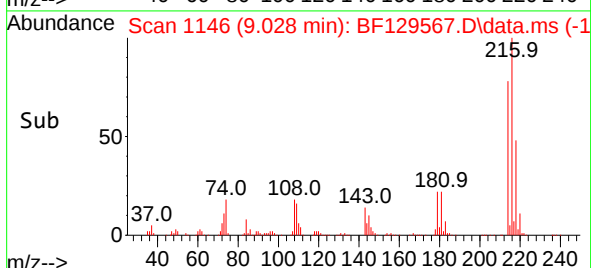
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.255 ng
RT: 9.028 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



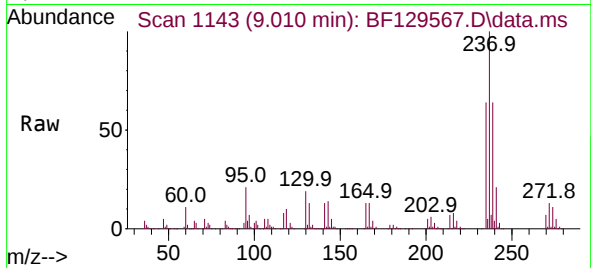
Tgt Ion:216 Resp: 462312
Ion Ratio Lower Upper
216 100
214 78.3 63.6 95.4
179 23.0 17.0 25.6
108 22.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 90.284 ng
RT: 9.010 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

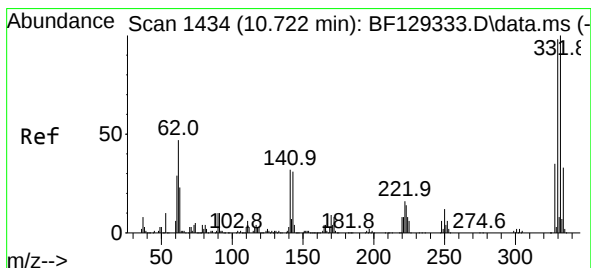
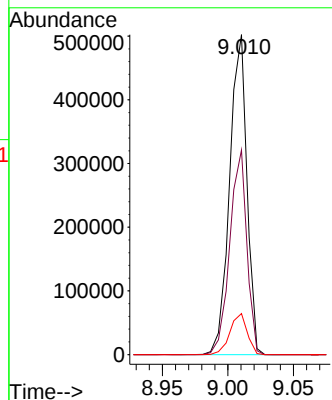
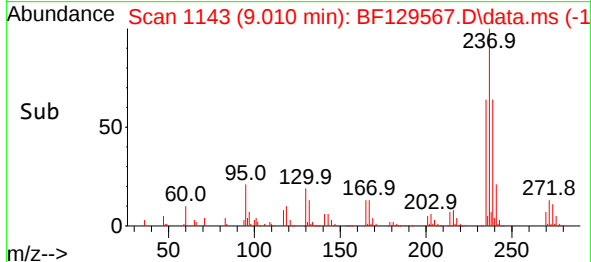
Instrument :
BNA_F
ClientSampleId :
PB146631BS



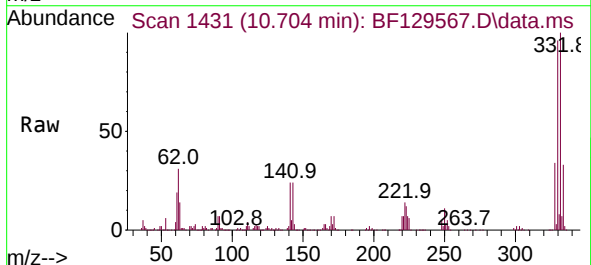
Tgt Ion:237 Resp: 461709
Ion Ratio Lower Upper
237 100
235 63.9 43.2 83.2
272 12.8 0.0 31.9

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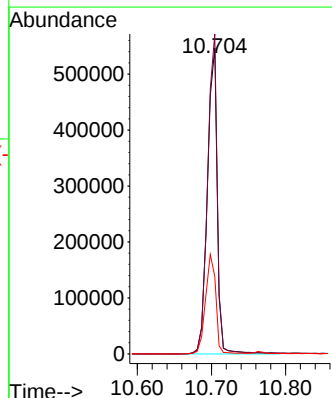
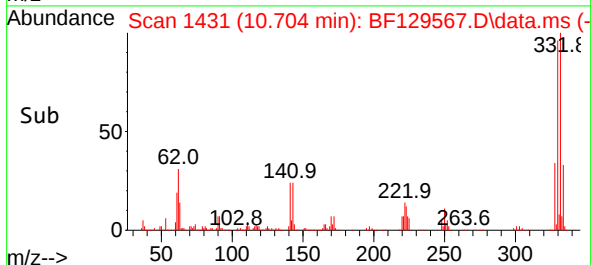
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

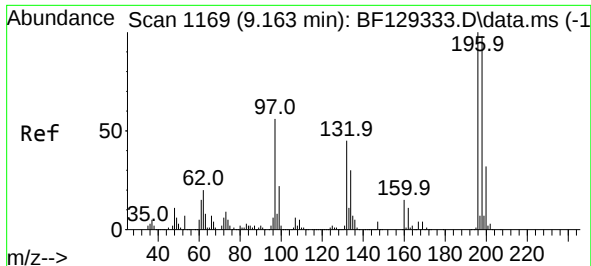


#42
2,4,6-Tribromophenol
Concen: 119.722 ng
RT: 10.704 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



Tgt Ion:330 Resp: 503438
Ion Ratio Lower Upper
330 100
332 102.7 76.8 115.2
141 34.0 28.0 42.0





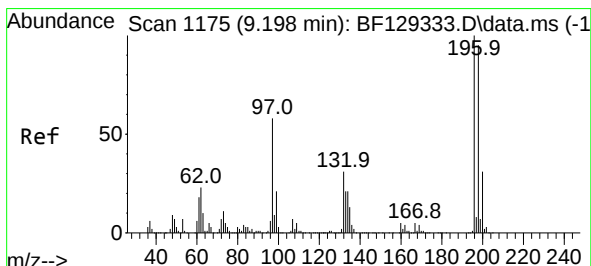
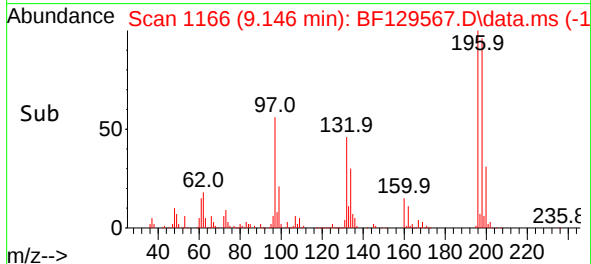
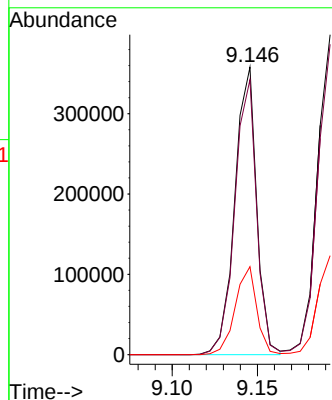
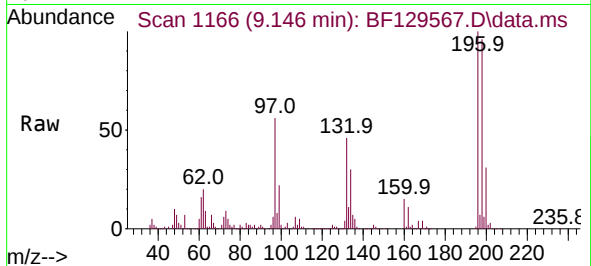
#43
2,4,6-Trichlorophenol
Concen: 38.327 ng
RT: 9.146 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :
BNA_F
ClientSampleId :
PB146631BS

Tgt Ion:196 Resp: 319696
Ion Ratio Lower Upper
196 100
198 95.7 74.0 111.0
200 30.6 24.1 36.1

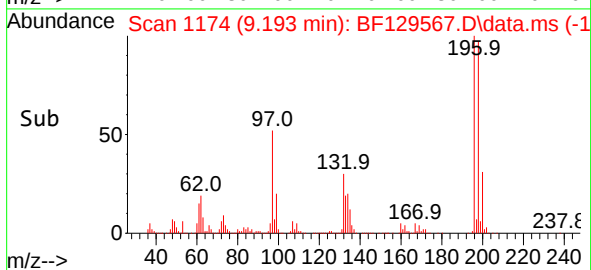
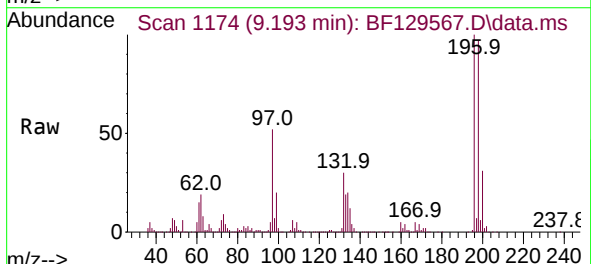
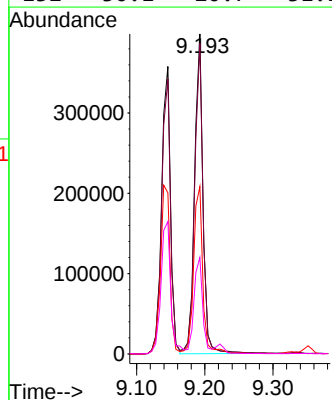
Manual Integrations
APPROVED

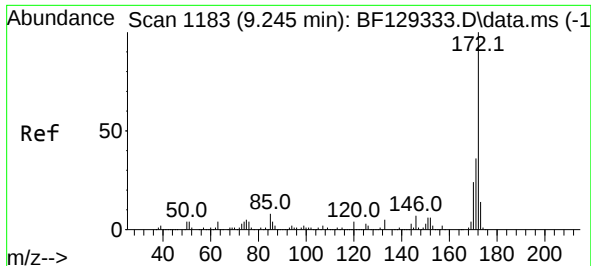
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#44
2,4,5-Trichlorophenol
Concen: 37.783 ng
RT: 9.193 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Tgt Ion:196 Resp: 342727
Ion Ratio Lower Upper
196 100
198 97.0 75.7 113.5
97 52.3 36.4 54.6
132 30.1 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 72.105 ng

RT: 9.222 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB146631BS

Tgt Ion:172 Resp: 2038662

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

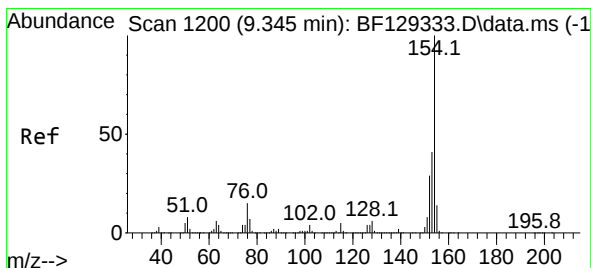
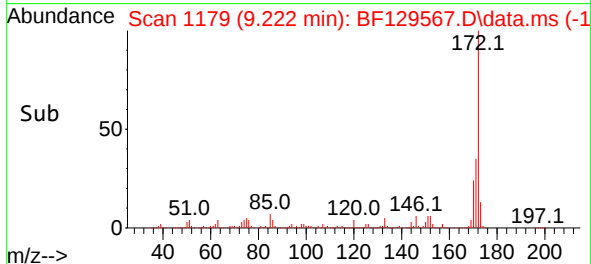
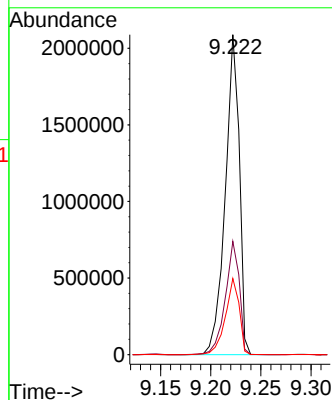
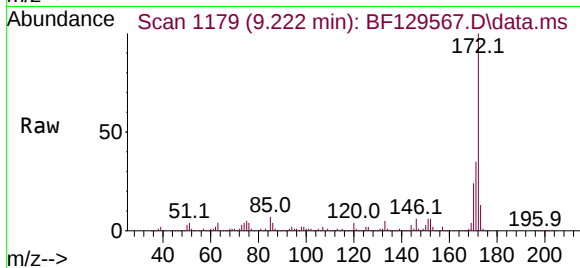
170 23.8 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#46

1,1'-Biphenyl

Concen: 40.021 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

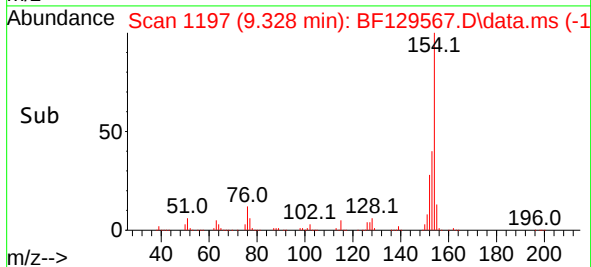
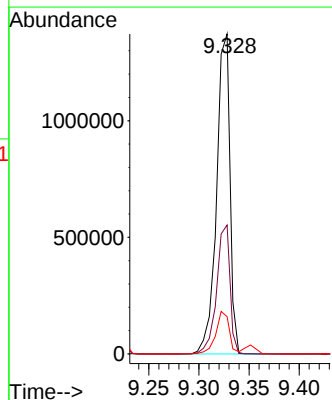
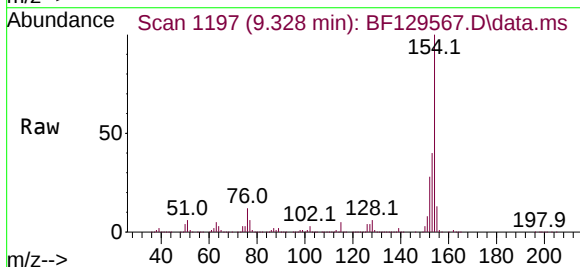
Tgt Ion:154 Resp: 1277466

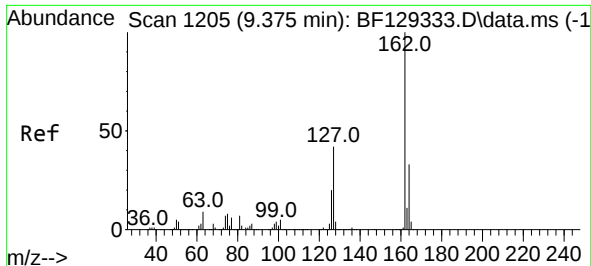
Ion Ratio Lower Upper

154 100

153 40.3 20.6 60.6

76 11.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.059 ng

RT: 9.351 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB146631BS

Tgt Ion:162 Resp: 100786

Ion Ratio Lower Upper

162 100

127 43.2 34.5 51.7

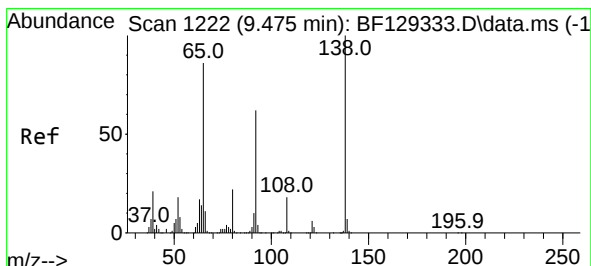
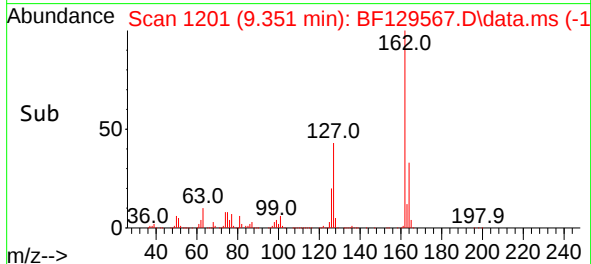
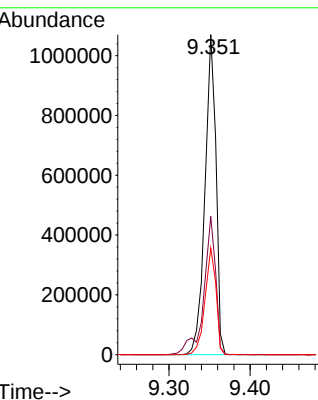
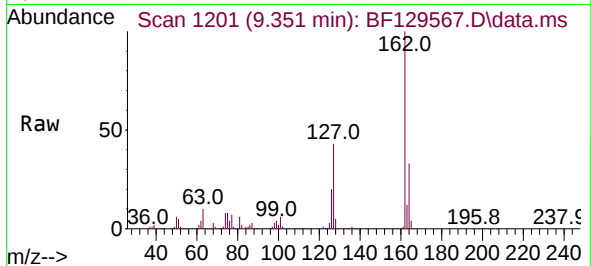
164 33.3 26.5 39.7

Manual Integrations

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Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#48

2-Nitroaniline

Concen: 38.751 ng

RT: 9.451 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

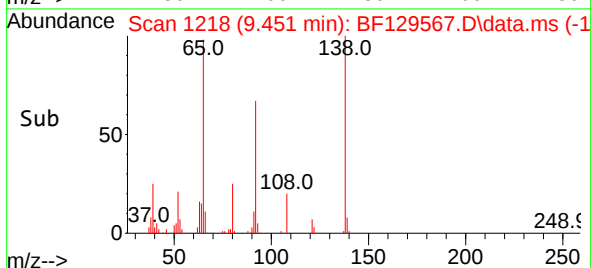
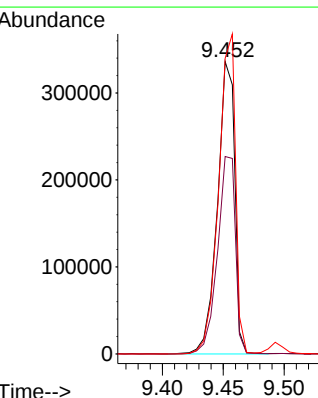
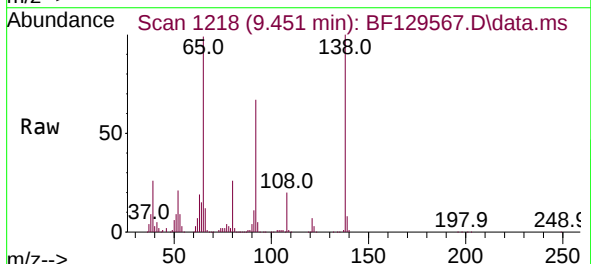
Tgt Ion: 65 Resp: 332499

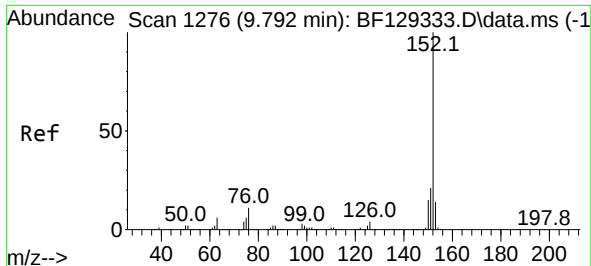
Ion Ratio Lower Upper

65 100

92 67.5 51.9 77.9

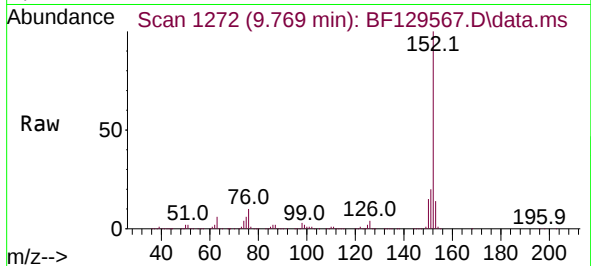
138 101.1 76.4 114.6





#49
Acenaphthylene
Concen: 38.797 ng
RT: 9.769 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

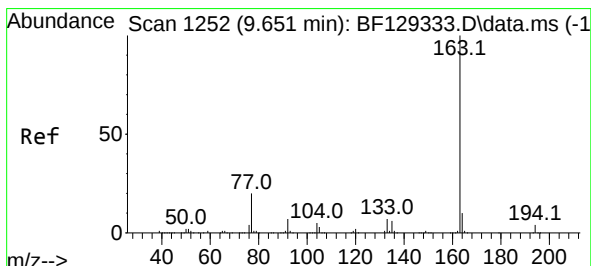
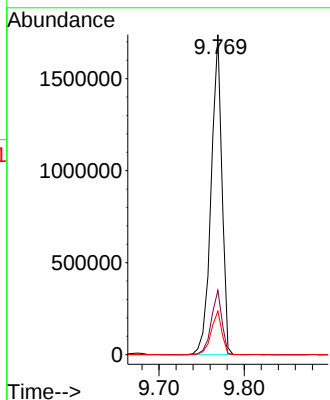
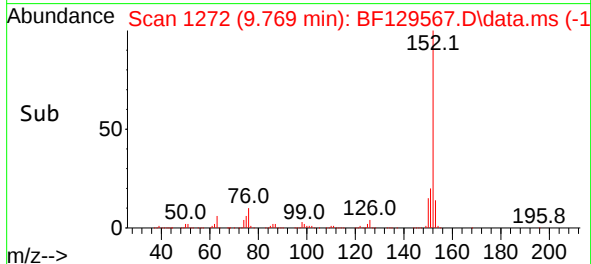
Instrument :
BNA_F
ClientSampleId :
PB146631BS



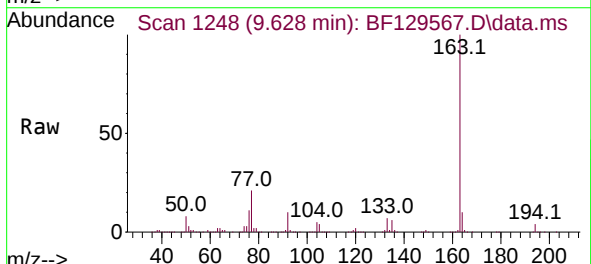
Tgt Ion:152 Resp: 1521199
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.6 10.7 16.1

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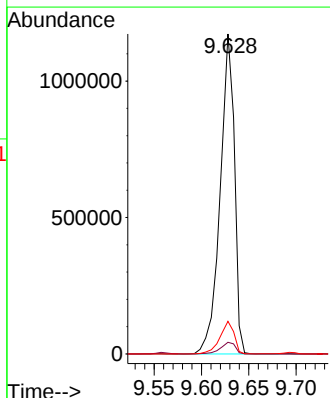
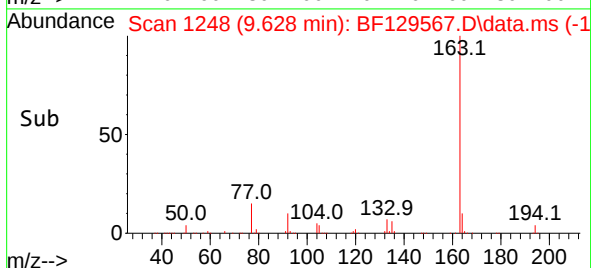
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

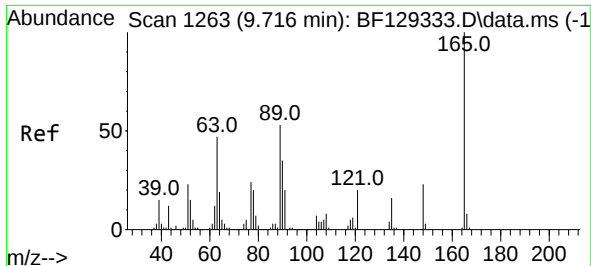


#50
Dimethylphthalate
Concen: 40.542 ng
RT: 9.628 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



Tgt Ion:163 Resp: 1224100
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.367 ng
RT: 9.693 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

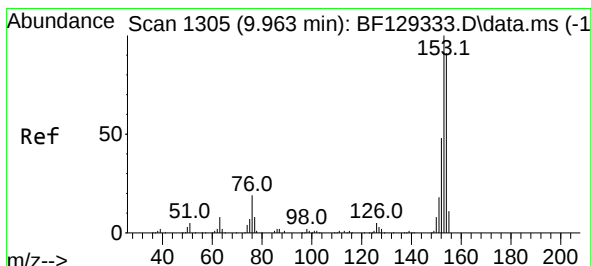
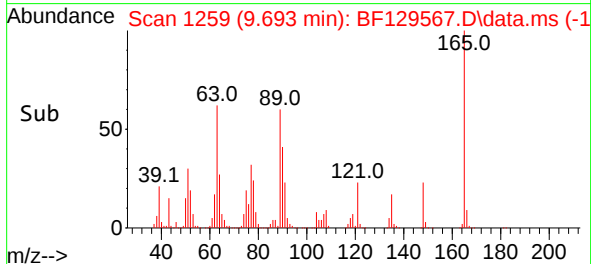
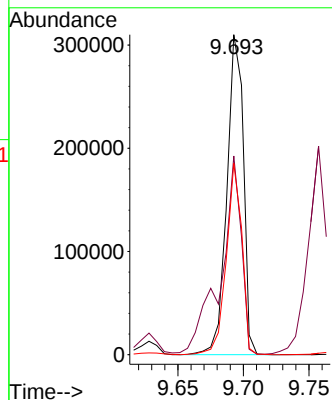
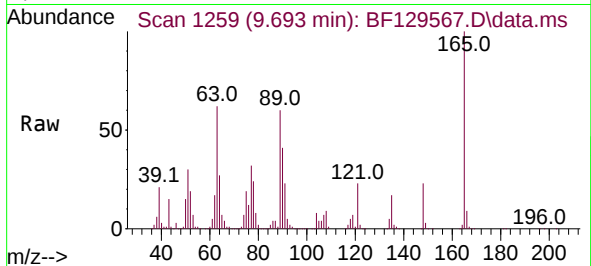
ClientSampleId :

PB146631BS

Tgt Ion:165 Resp: 272797
Ion Ratio Lower Upper
165 100
63 62.1 44.9 67.3
89 59.8 43.6 65.4

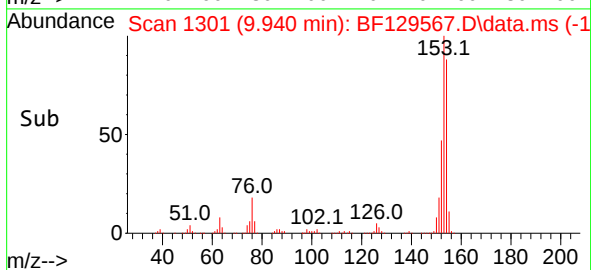
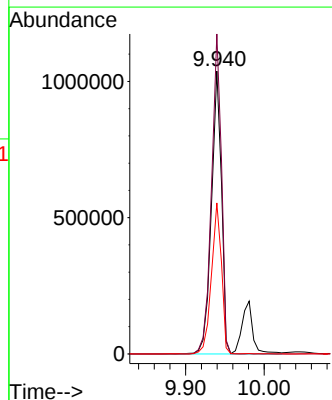
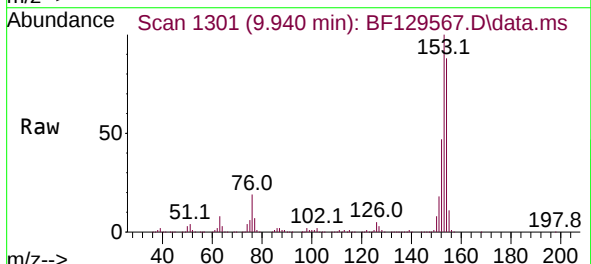
Manual Integrations
APPROVED

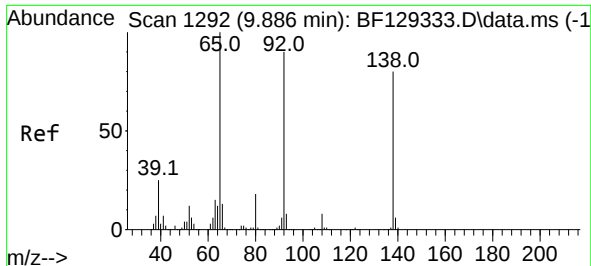
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#52
Acenaphthene
Concen: 43.134 ng m
RT: 9.940 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

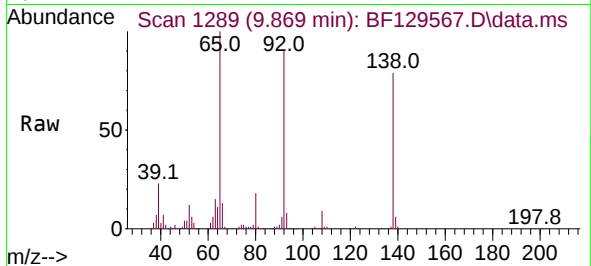
Tgt Ion:154 Resp: 1104619
Ion Ratio Lower Upper
154 100
153 113.2 89.6 134.4
152 53.4 42.4 63.6





#53
3-Nitroaniline
Concen: 29.705 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

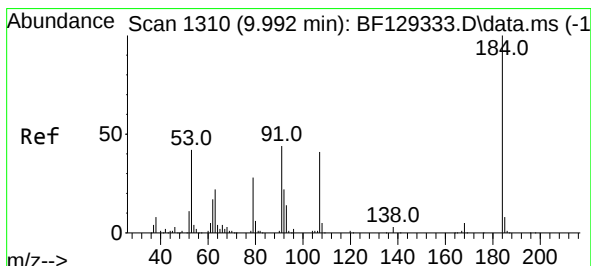
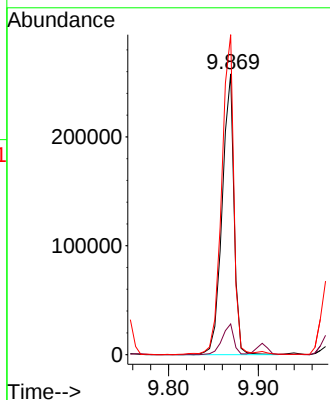
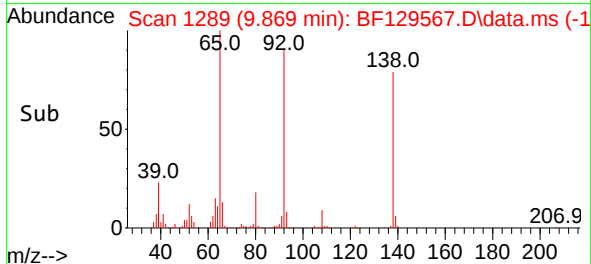
Instrument :
BNA_F
ClientSampleId :
PB146631BS



Tgt Ion:138 Resp: 237042
Ion Ratio Lower Upper
138 100
108 10.9 10.9 16.3
92 114.0 98.2 147.2

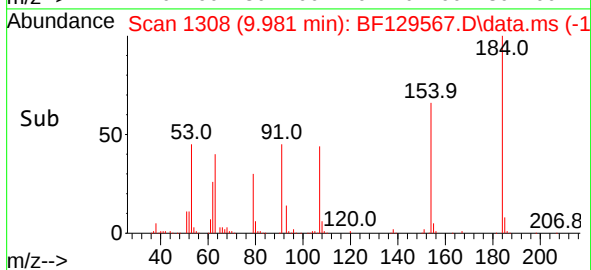
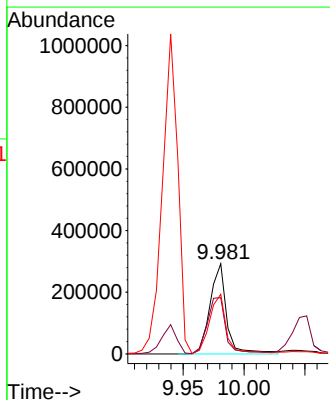
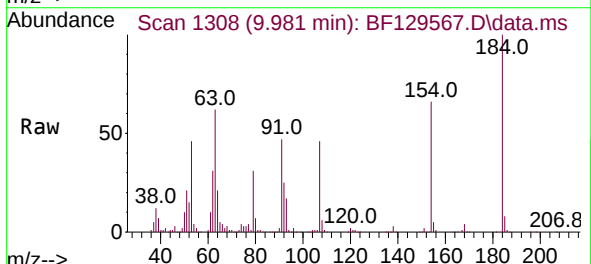
Manual Integrations
APPROVED

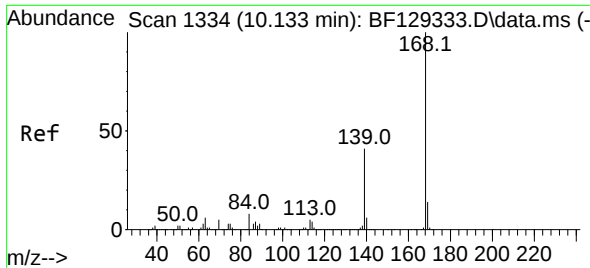
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#54
2,4-Dinitrophenol
Concen: 80.286 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

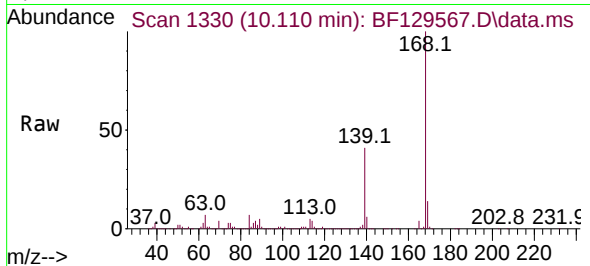
Tgt Ion:184 Resp: 276978
Ion Ratio Lower Upper
184 100
63 62.4 64.5 96.7#
154 66.1 50.6 75.8





#55
Dibenzenofuran
Concen: 39.378 ng
RT: 10.110 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

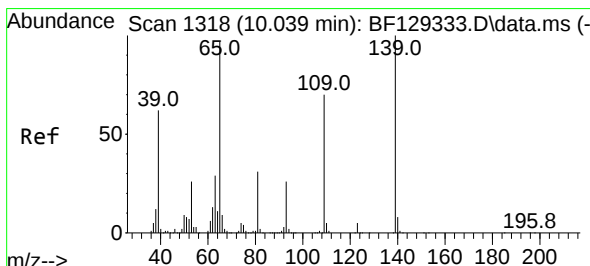
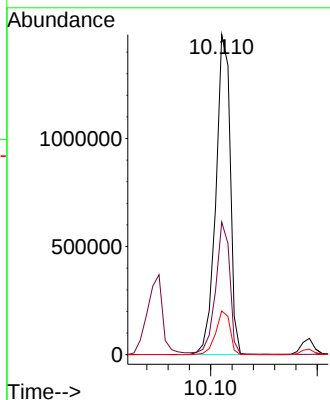
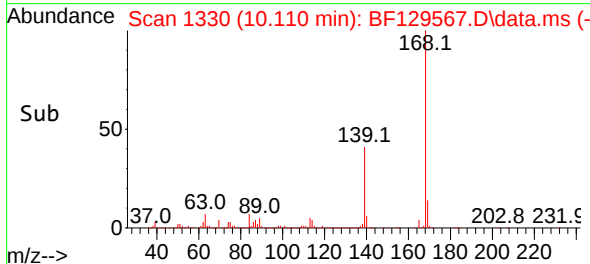
Instrument :
BNA_F
ClientSampleId :
PB146631BS



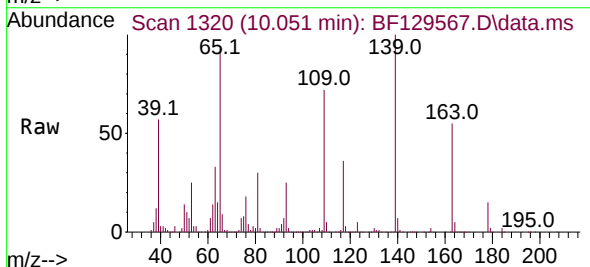
Tgt Ion:168 Resp: 1390145
Ion Ratio Lower Upper
168 100
139 41.4 30.6 46.0
169 13.6 11.0 16.6

Manual Integrations
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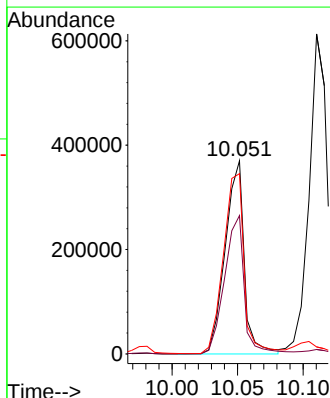
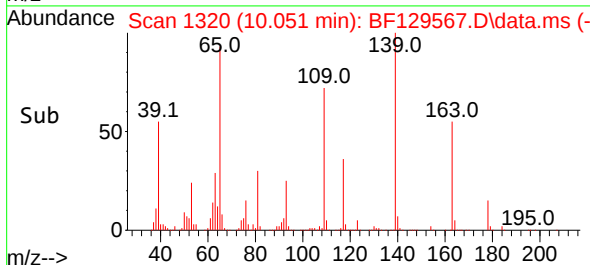
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

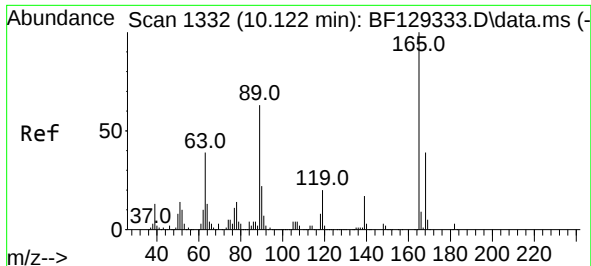


#56
4-Nitrophenol
Concen: 63.781 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.012 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



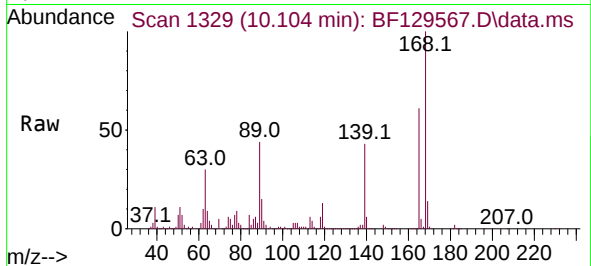
Tgt Ion:139 Resp: 375496
Ion Ratio Lower Upper
139 100
109 71.7 50.7 90.7
65 93.4 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 40.600 ng
RT: 10.104 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

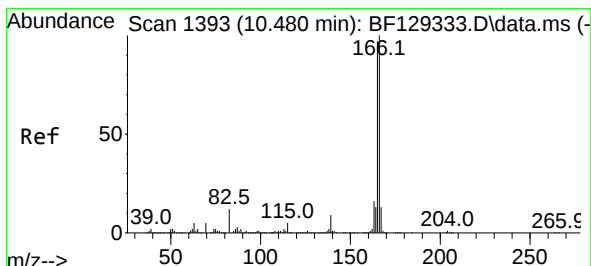
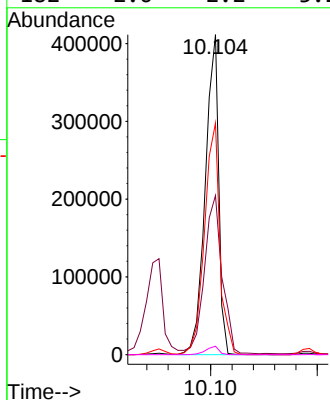
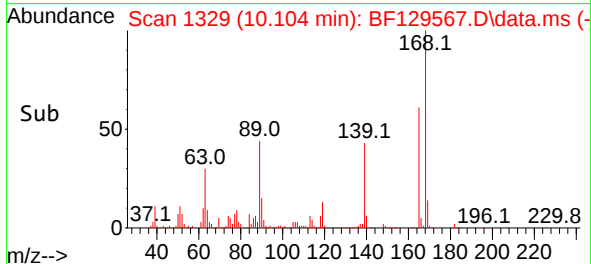
Instrument :
BNA_F
ClientSampleId :
PB146631BS



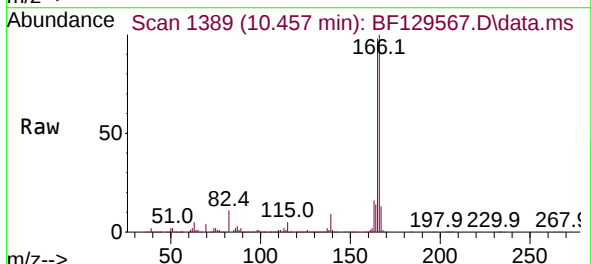
Tgt Ion:165 Resp: 358422
Ion Ratio Lower Upper
165 100
63 49.7 39.8 59.6
89 72.4 60.2 90.2
182 2.6 2.2 3.2

Manual Integrations
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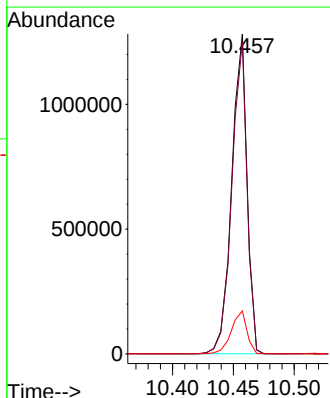
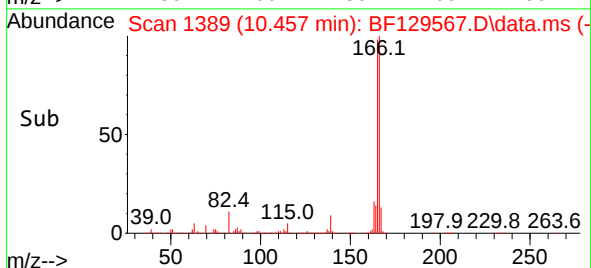
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

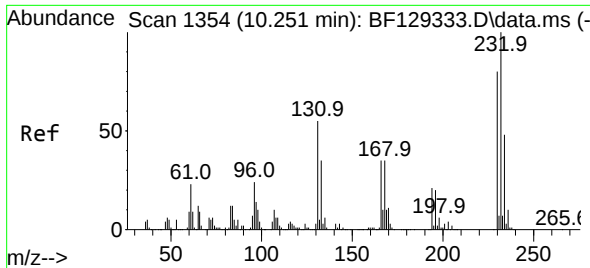


#58
Fluorene
Concen: 39.796 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



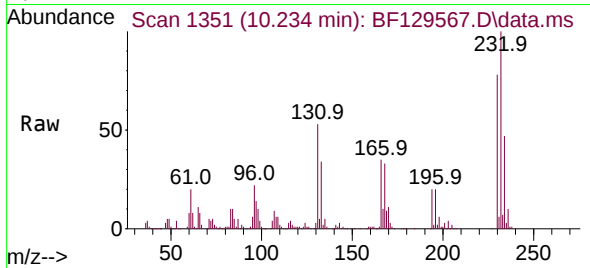
Tgt Ion:166 Resp: 1124087
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.886 ng m
RT: 10.234 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

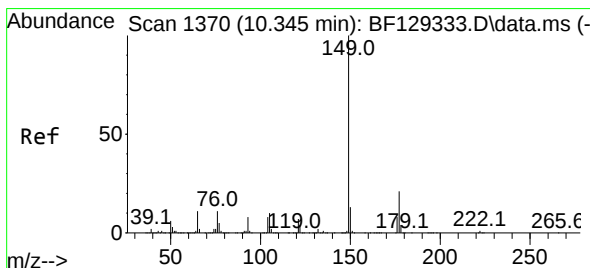
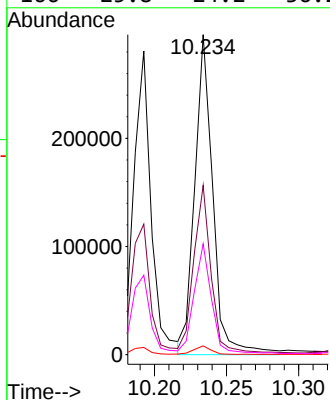
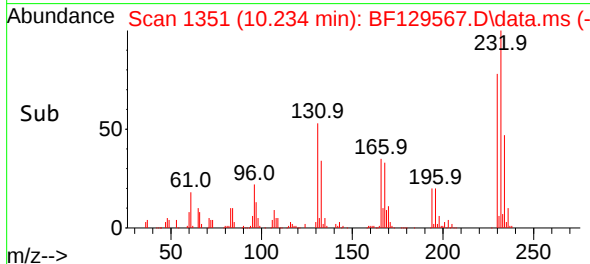
Instrument :
BNA_F
ClientSampleId :
PB146631BS



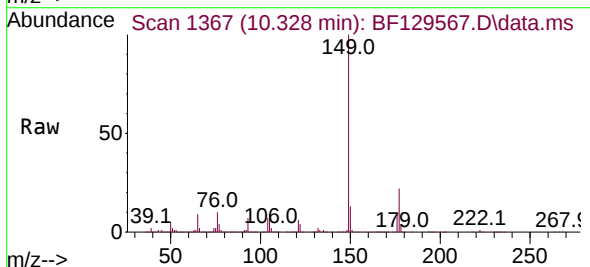
Tgt Ion:232 Resp: 258569
Ion Ratio Lower Upper
232 100
131 42.3 36.1 54.1
130 2.3 1.8 2.8
166 25.8 24.2 36.2

Manual Integrations
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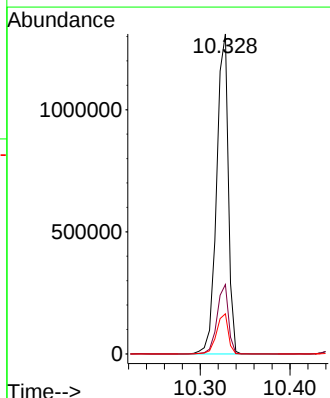
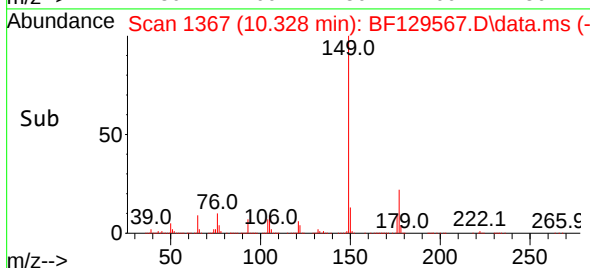
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

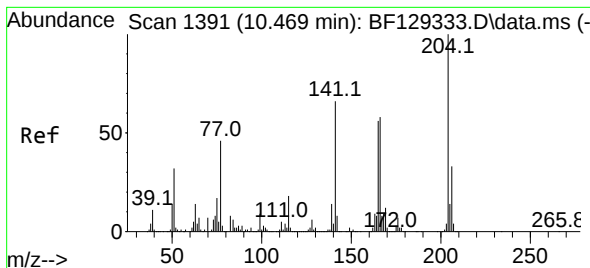


#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.328 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



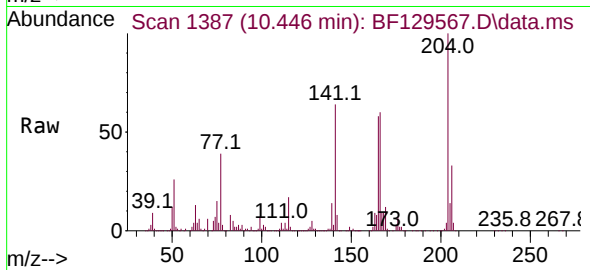
Tgt Ion:149 Resp: 1188793
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.160 ng
RT: 10.446 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

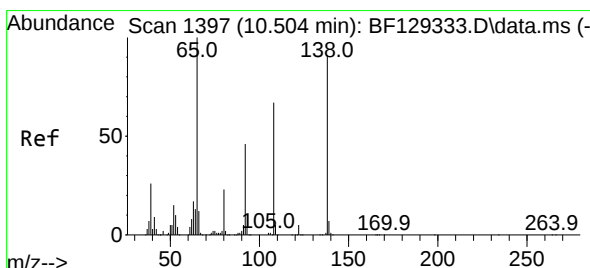
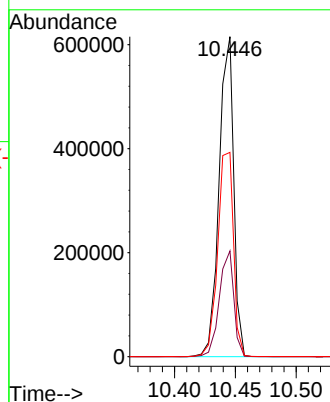
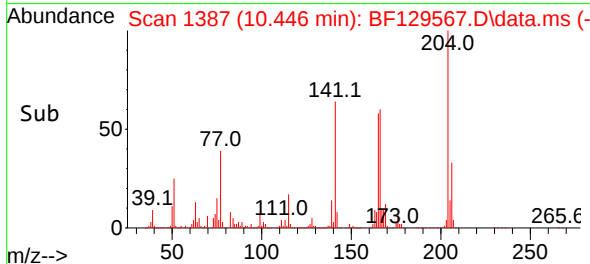
Instrument :
BNA_F
ClientSampleId :
PB146631BS



Tgt Ion:204 Resp: 512554
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 63.8 47.0 70.4

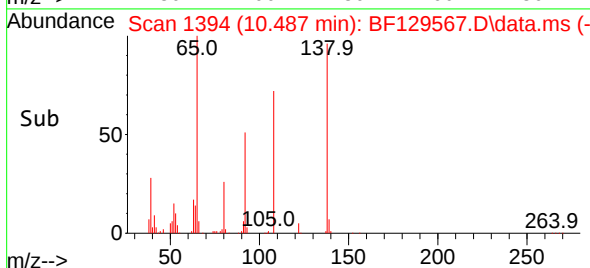
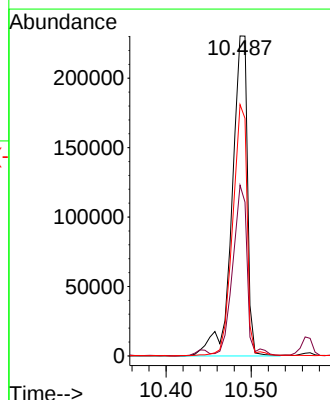
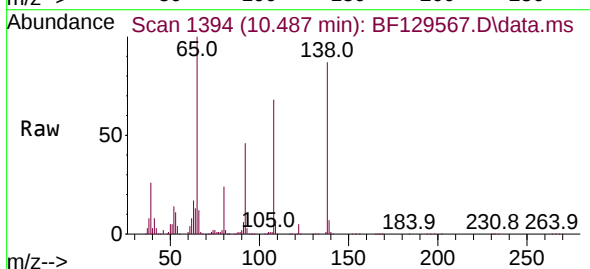
Manual Integrations
APPROVED

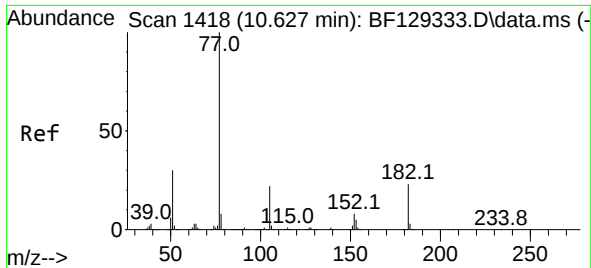
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#62
4-Nitroaniline
Concen: 36.615 ng
RT: 10.487 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Tgt Ion:138 Resp: 289852
Ion Ratio Lower Upper
138 100
92 53.3 33.5 73.5
108 78.5 61.0 101.0





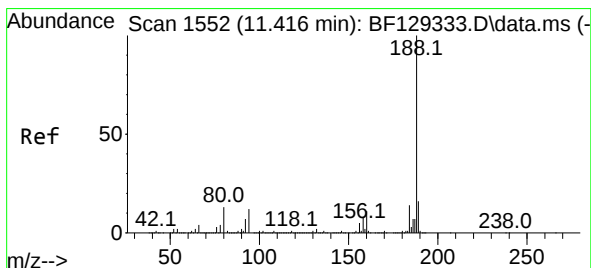
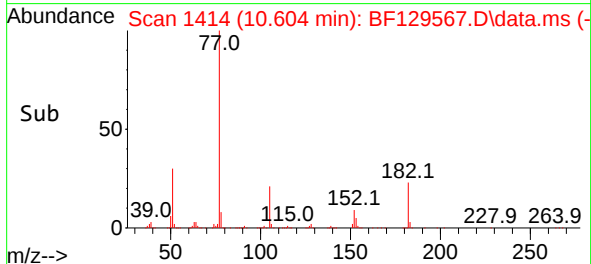
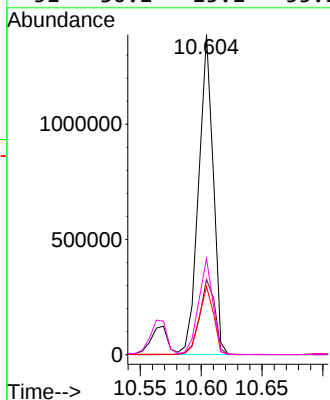
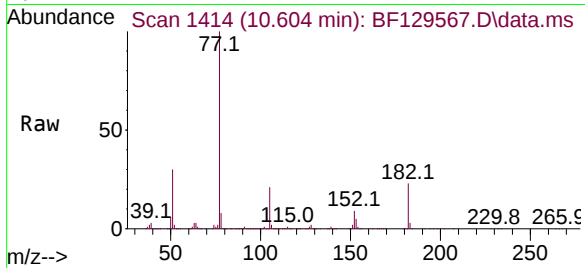
#63
Azobenzene
Concen: 38.572 ng
RT: 10.604 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :
BNA_F
ClientSampleId :
PB146631BS

Tgt Ion: 77 Resp: 1148291
Ion Ratio Lower Upper
77 100
182 23.5 5.6 45.6
105 21.3 1.6 41.6
51 30.1 15.1 55.1

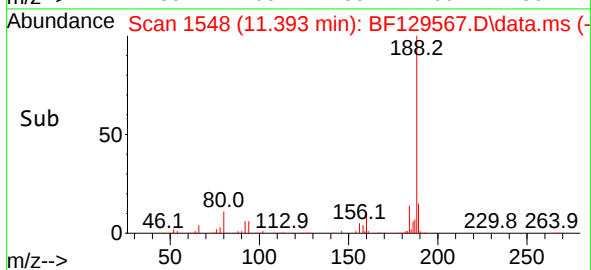
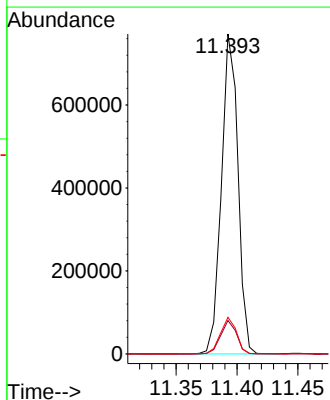
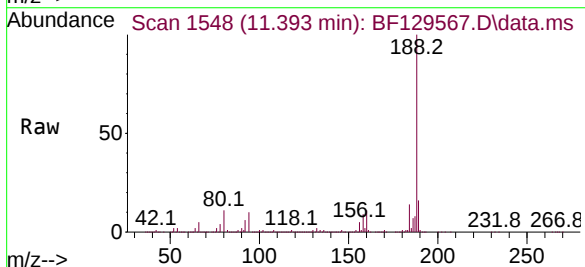
Manual Integrations
APPROVED

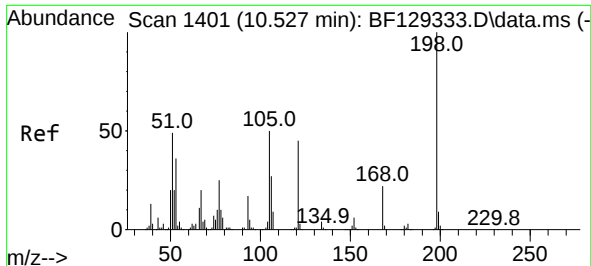
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.393 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

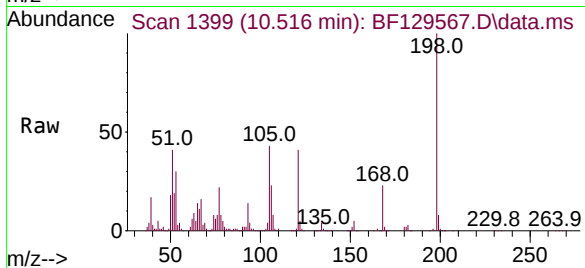
Tgt Ion:188 Resp: 725679
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.4 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 39.784 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

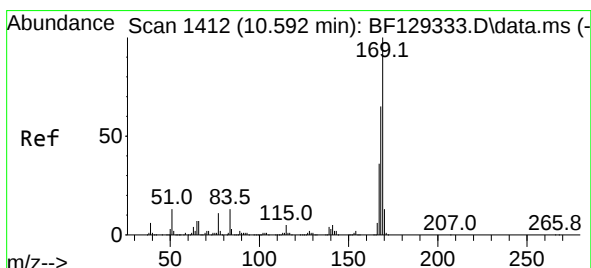
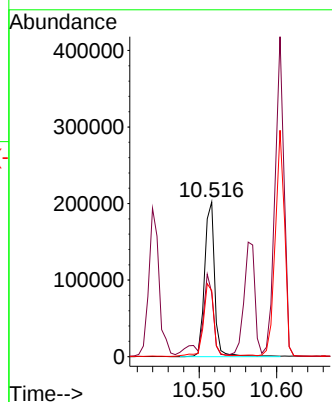
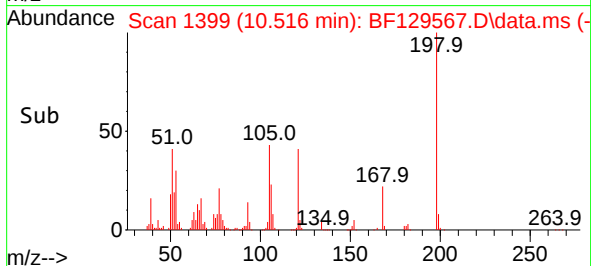
Instrument :
BNA_F
ClientSampleId :
PB146631BS



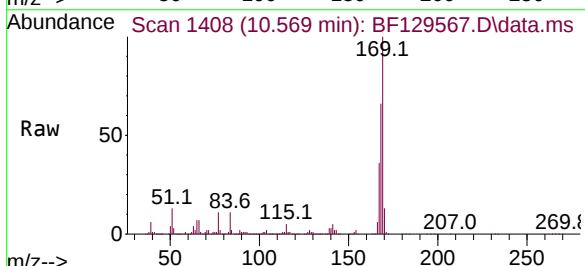
Tgt Ion:198 Resp: 182224
Ion Ratio Lower Upper
198 100
51 41.2 37.6 77.6
105 42.7 27.0 67.0

Manual Integrations
APPROVED

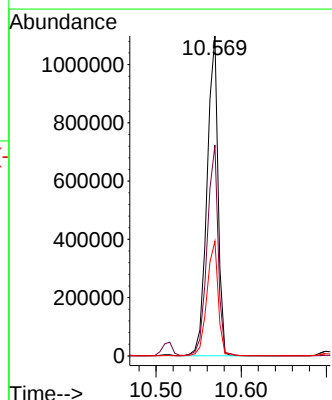
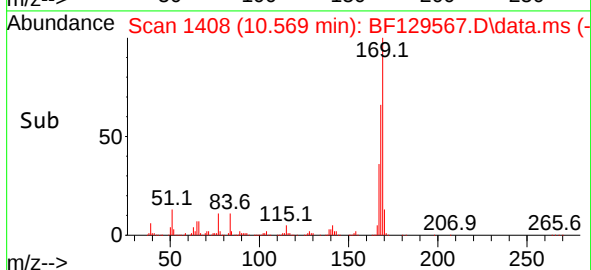
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

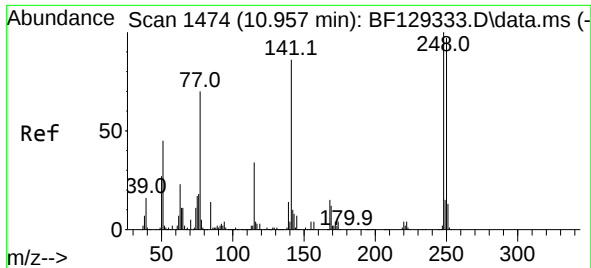


#66
n-Nitrosodiphenylamine
Concen: 40.703 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



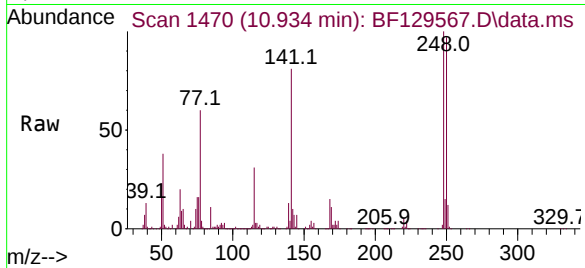
Tgt Ion:169 Resp: 983667
Ion Ratio Lower Upper
169 100
168 65.9 50.1 75.1
167 35.9 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 41.902 ng
RT: 10.934 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

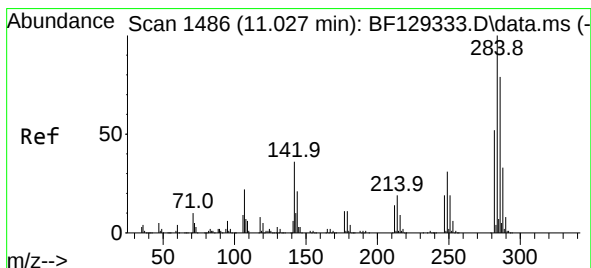
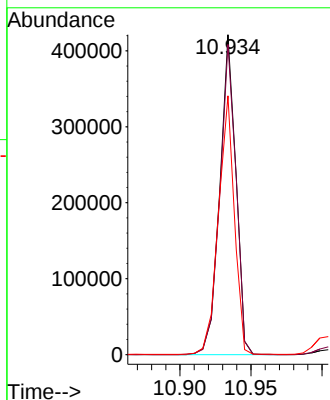
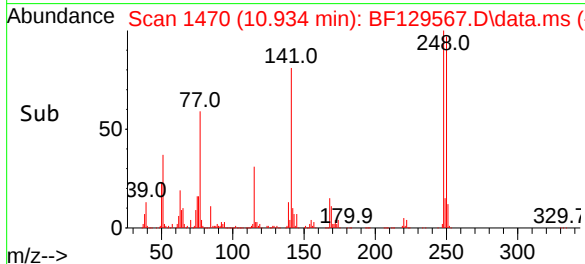
Instrument :
BNA_F
ClientSampleId :
PB146631BS



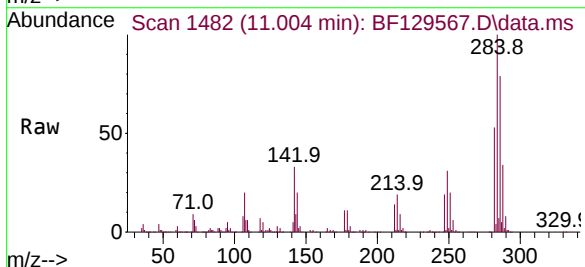
Tgt Ion:248 Resp: 332974
Ion Ratio Lower Upper
248 100
250 96.9 80.6 120.8
141 80.9 58.9 88.3

Manual Integrations
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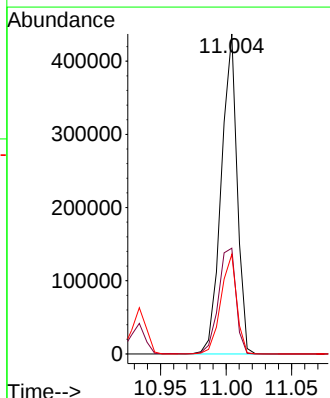
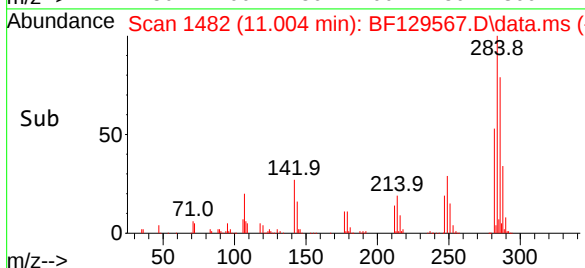
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

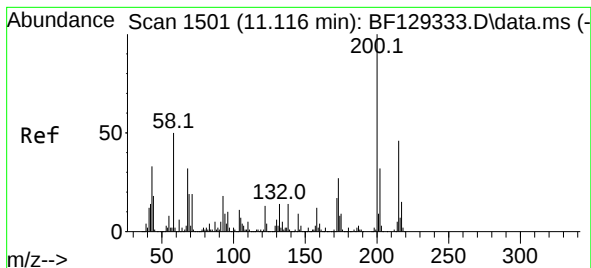


#68
Hexachlorobenzene
Concen: 42.914 ng
RT: 11.004 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



Tgt Ion:284 Resp: 369497
Ion Ratio Lower Upper
284 100
142 33.0 29.0 43.4
249 31.1 25.0 37.6





#69

Atrazine

Concen: 45.155 ng

RT: 11.098 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB146631BS

Tgt Ion:200 Resp: 331460

Ion Ratio Lower Upper

200 100

173 26.6 6.3 46.3

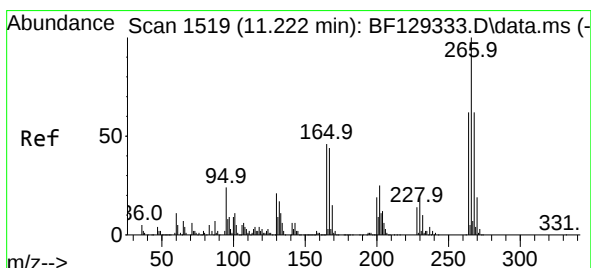
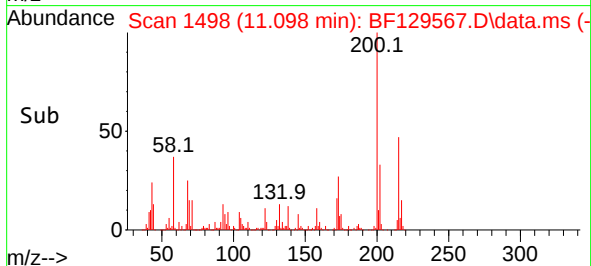
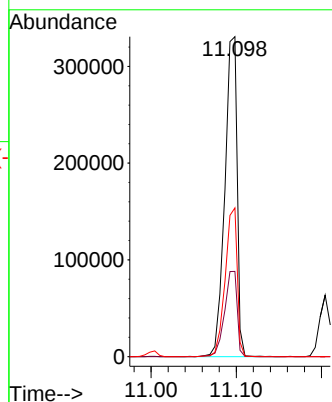
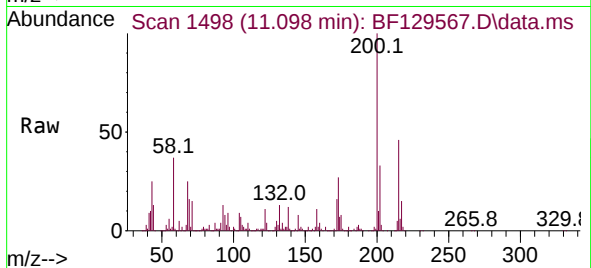
215 46.5 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#70

Pentachlorophenol

Concen: 65.537 ng

RT: 11.204 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

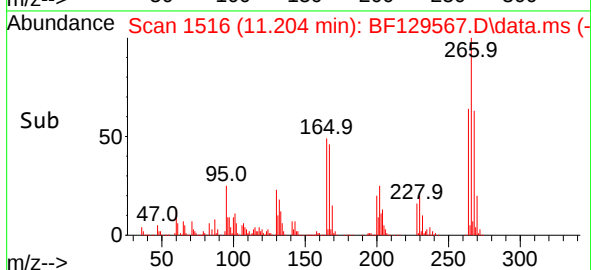
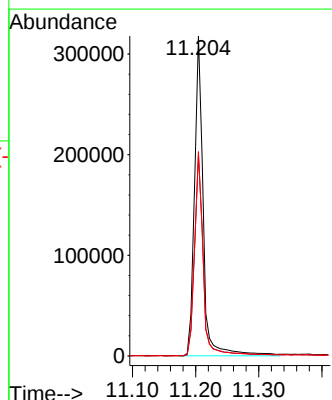
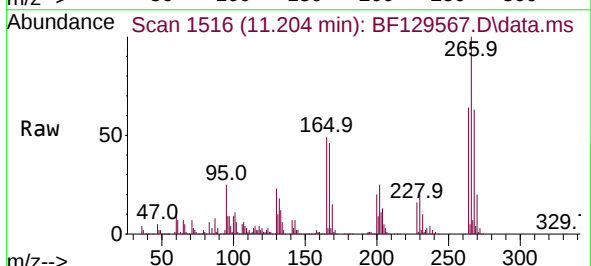
Tgt Ion:266 Resp: 306761

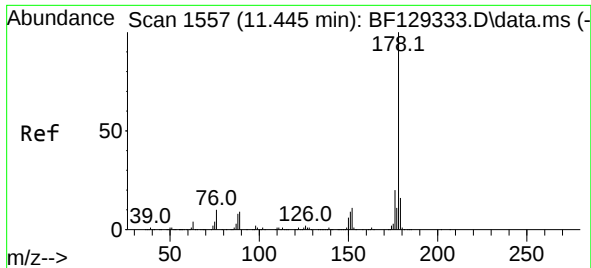
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.4

264 63.8 49.4 74.2





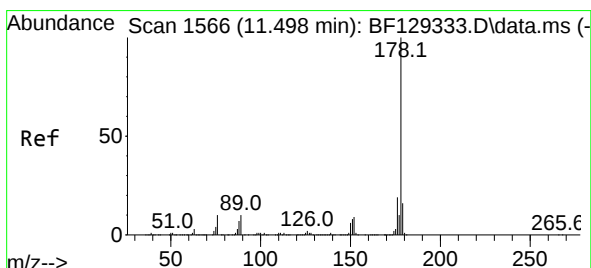
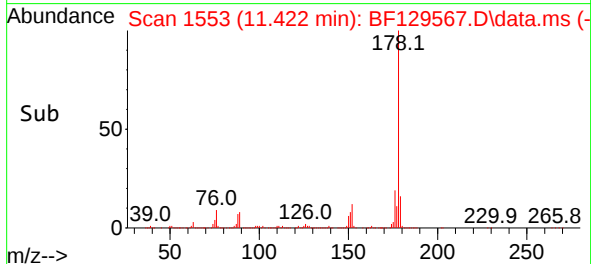
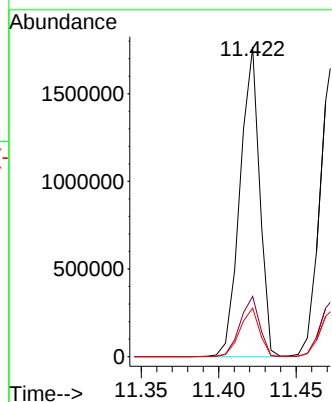
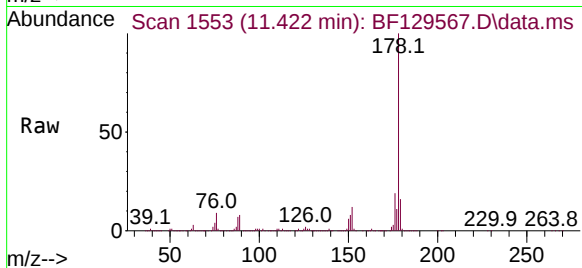
#71
Phenanthrene
Concen: 39.324 ng
RT: 11.422 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :
BNA_F
ClientSampleId :
PB146631BS

Tgt Ion:178 Resp: 1557739
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.7 12.6 19.0

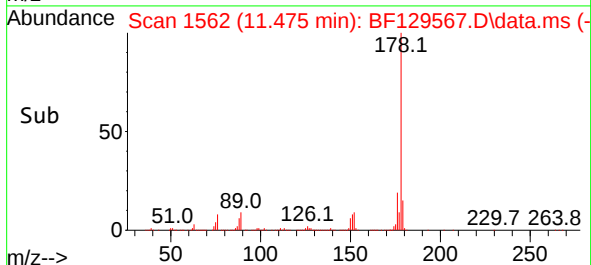
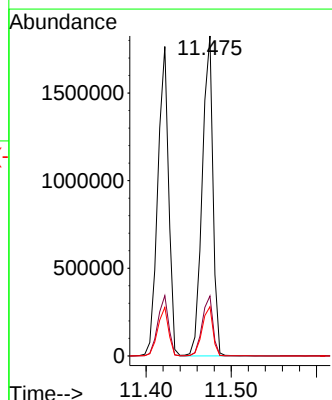
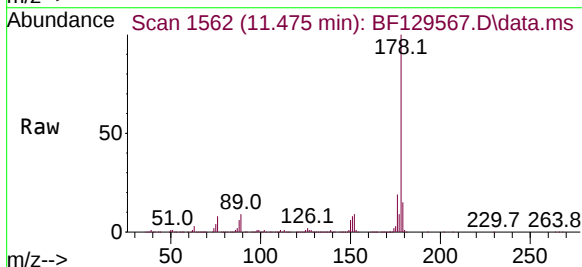
Manual Integrations
APPROVED

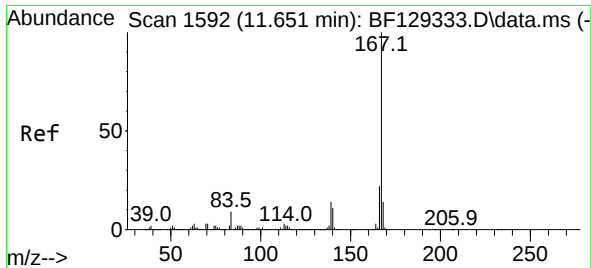
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#72
Anthracene
Concen: 40.779 ng
RT: 11.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

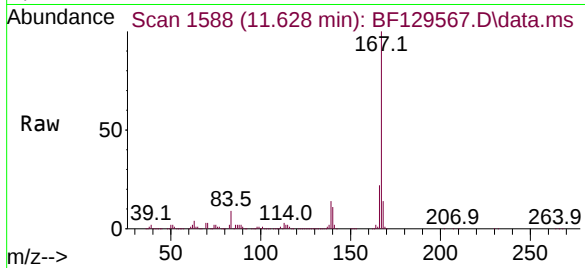
Tgt Ion:178 Resp: 1587447
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.4 12.6 19.0





#73
 Carbazole
 Concen: 40.137 ng
 RT: 11.628 min Scan# 1588
 Delta R.T. 0.000 min
 Lab File: BF129567.D
 Acq: 04 Aug 2022 12:26

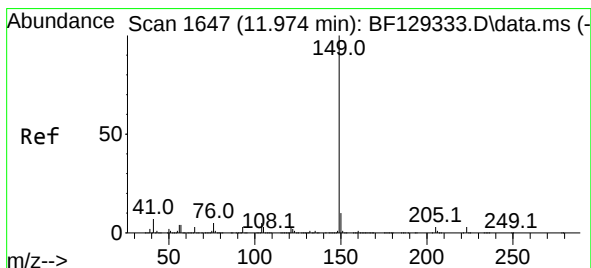
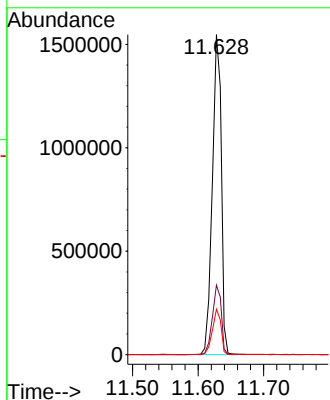
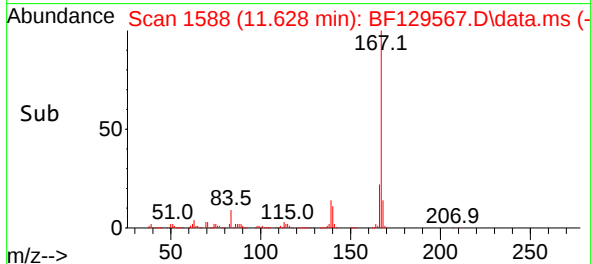
Instrument :
 BNA_F
 ClientSampleId :
 PB146631BS



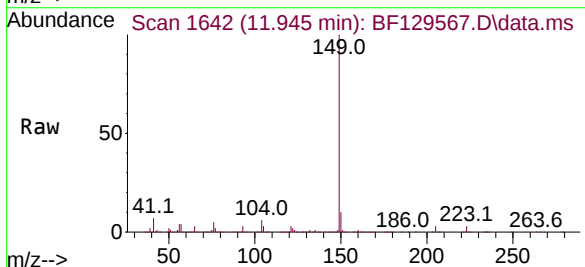
Tgt Ion:167 Resp: 1470813
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 14.2 11.2 16.8

Manual Integrations
 APPROVED

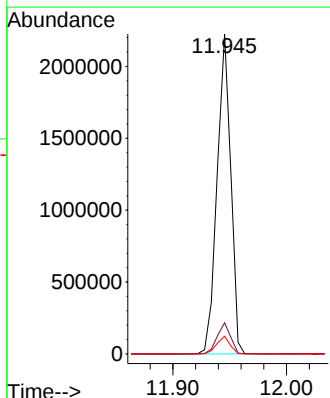
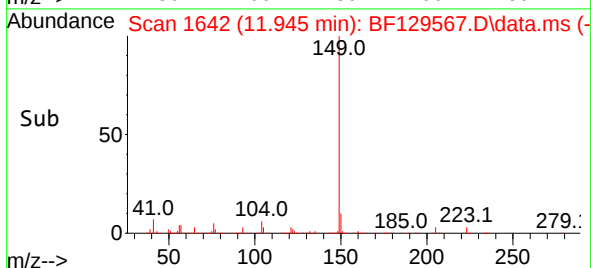
Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022

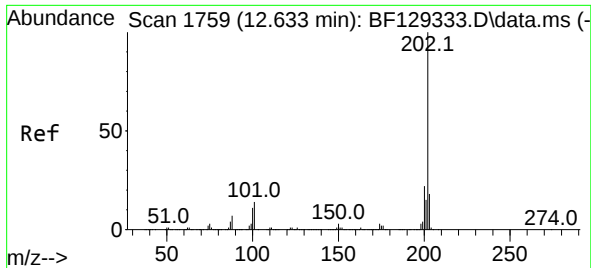


#74
 Di-n-butylphthalate
 Concen: 42.433 ng
 RT: 11.945 min Scan# 1642
 Delta R.T. 0.000 min
 Lab File: BF129567.D
 Acq: 04 Aug 2022 12:26



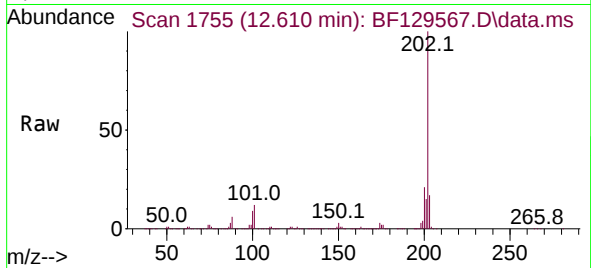
Tgt Ion:149 Resp: 1851756
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 39.140 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

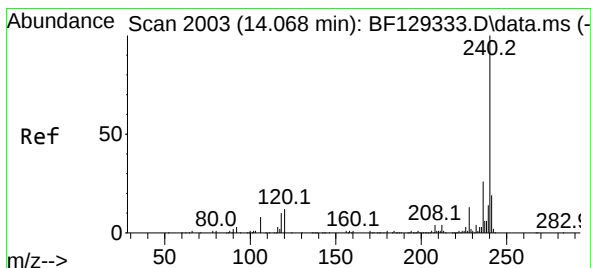
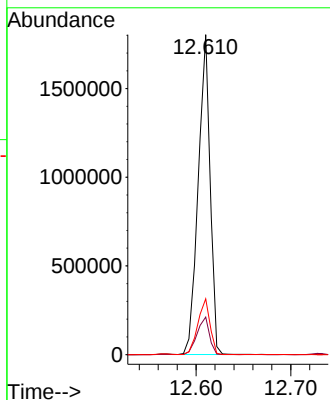
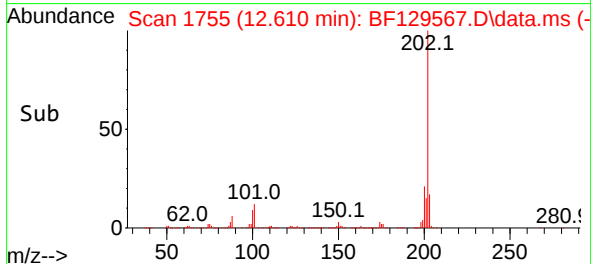
Instrument :
BNA_F
ClientSampleId :
PB146631BS



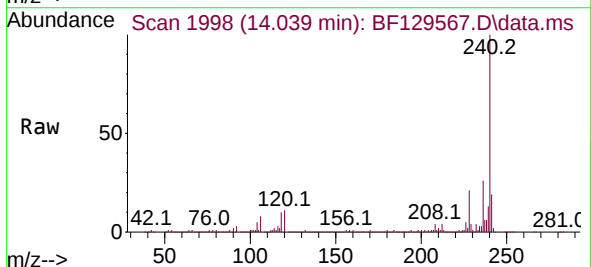
Tgt Ion:202 Resp: 157095
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.4 0.0 38.0

Manual Integrations
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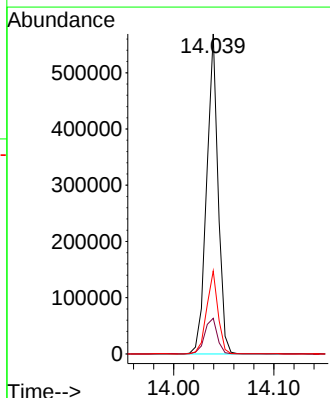
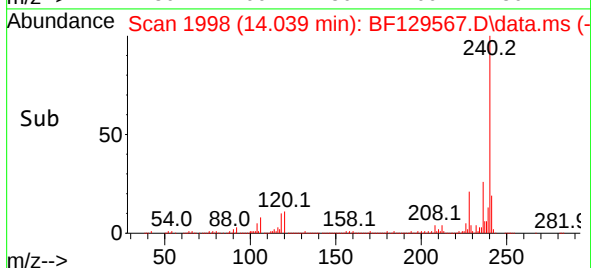
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

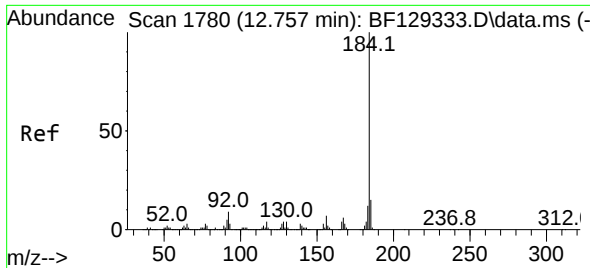


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



Tgt Ion:240 Resp: 448721
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.0 20.8 31.2





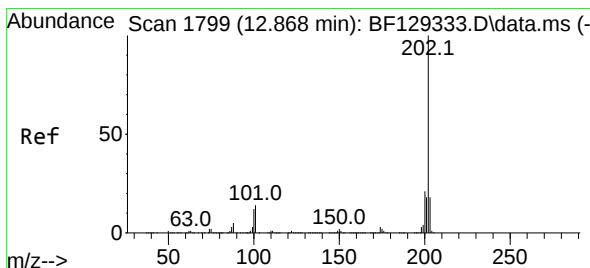
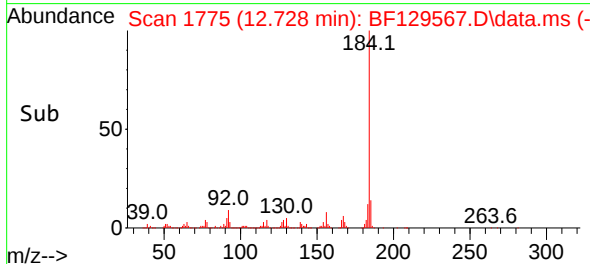
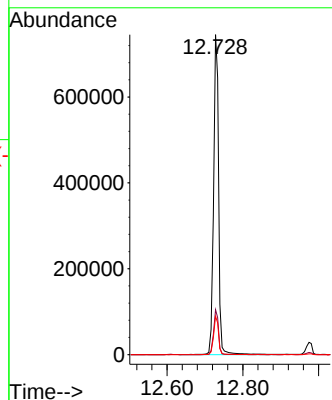
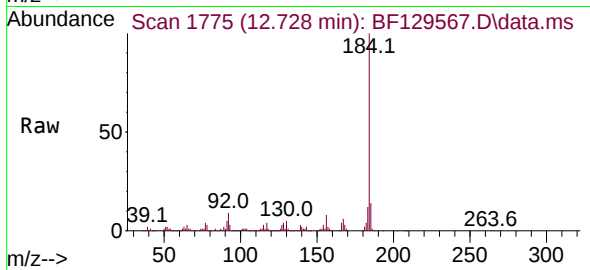
#77
Benzidine
Concen: 43.845 ng
RT: 12.728 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :
BNA_F
ClientSampleId :
PB146631BS

Tgt Ion:184 Resp: 695035
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 12.0 9.3 13.9

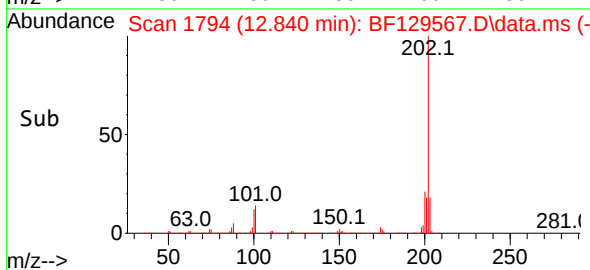
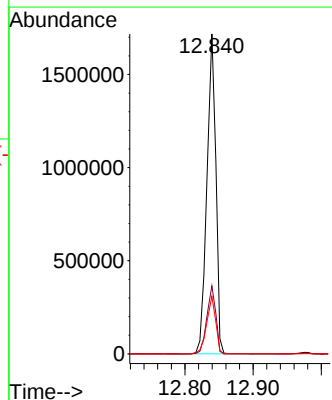
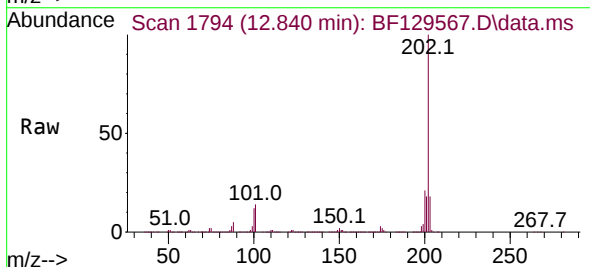
Manual Integrations
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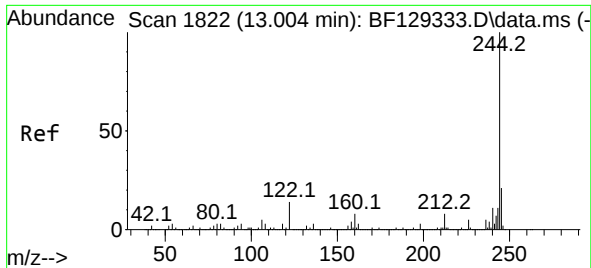
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#78
Pyrene
Concen: 41.732 ng
RT: 12.840 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

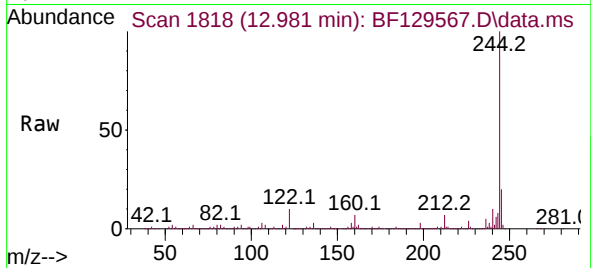
Tgt Ion:202 Resp: 1565921
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 18.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 89.759 ng
 RT: 12.981 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF129567.D
 Acq: 04 Aug 2022 12:26

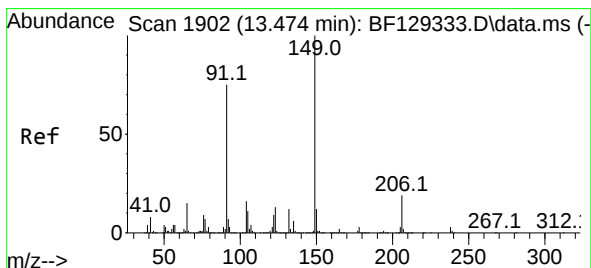
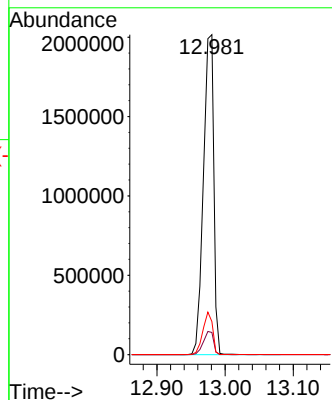
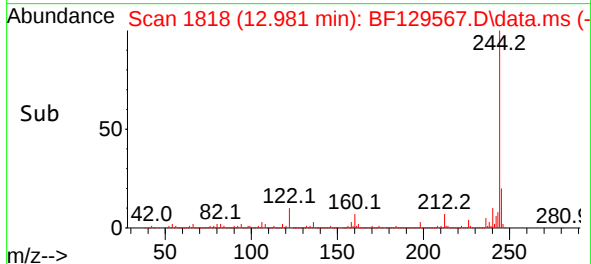
Instrument :
 BNA_F
 ClientSampleId :
 PB146631BS



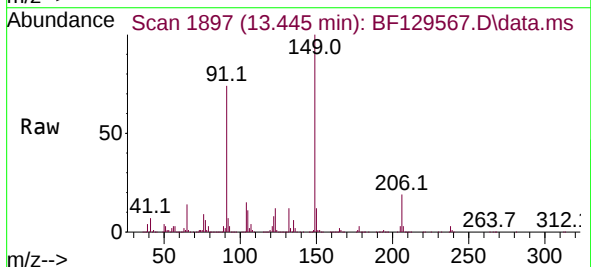
Tgt Ion:244 Resp: 2134912
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.3 8.8 13.2

Manual Integrations
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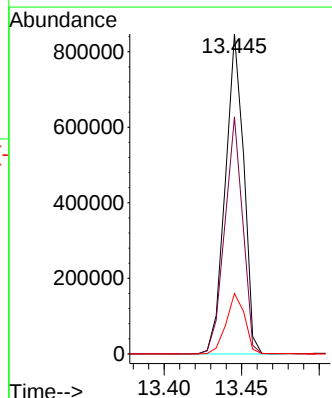
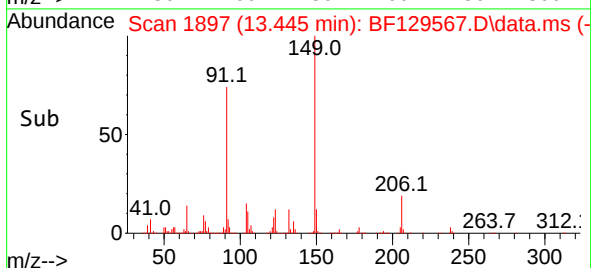
Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022

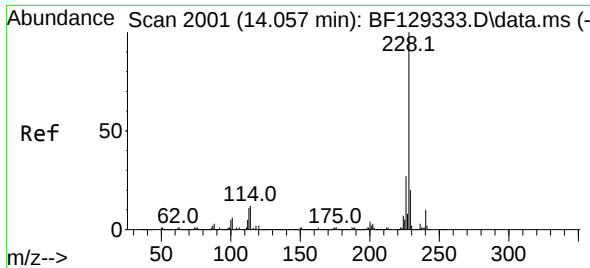


#80
 Butylbenzylphthalate
 Concen: 43.120 ng
 RT: 13.445 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: BF129567.D
 Acq: 04 Aug 2022 12:26



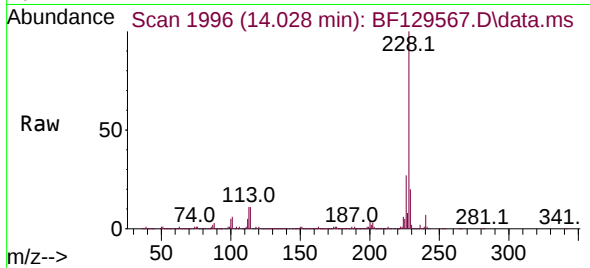
Tgt Ion:149 Resp: 701804
 Ion Ratio Lower Upper
 149 100
 91 74.1 61.2 91.8
 206 18.9 15.7 23.5





#81
Benzo(a)anthracene
Concen: 39.475 ng
RT: 14.028 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

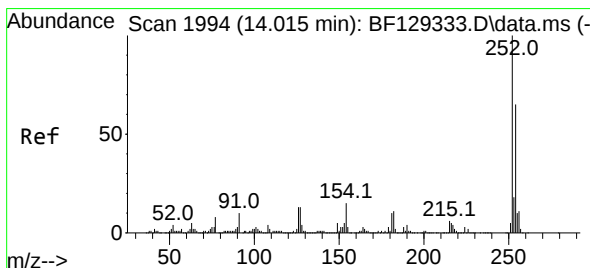
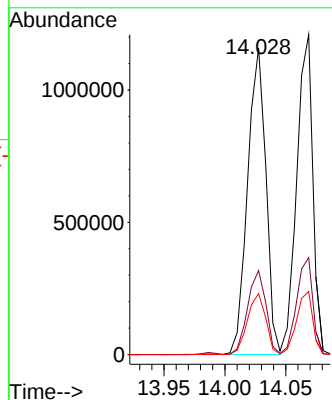
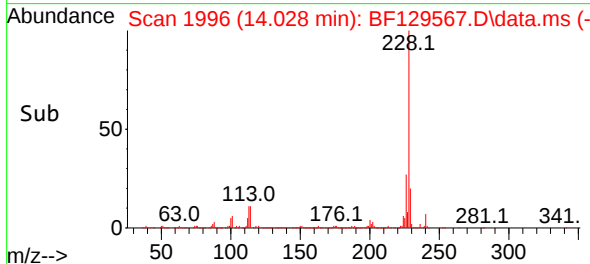
Instrument :
BNA_F
ClientSampleId :
PB146631BS



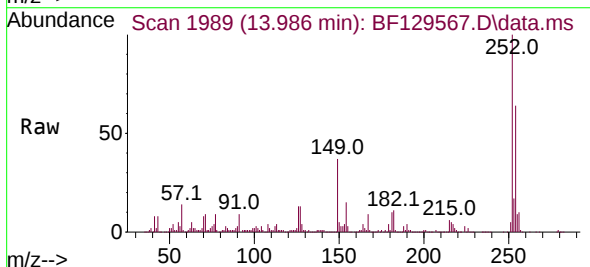
Tgt Ion:228 Resp: 1209975
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 15.8 23.8

Manual Integrations
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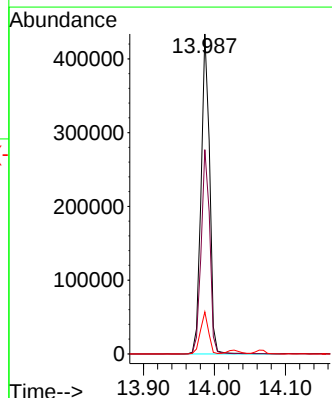
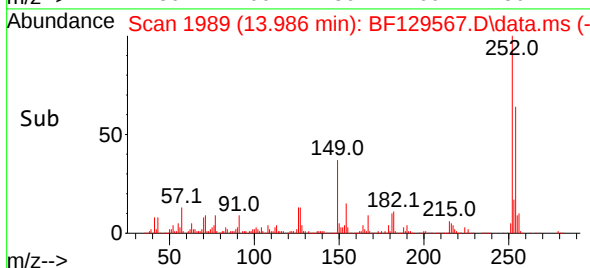
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

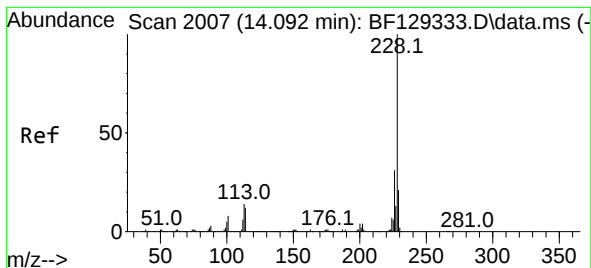


#82
3,3'-Dichlorobenzidine
Concen: 35.345 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



Tgt Ion:252 Resp: 357708
Ion Ratio Lower Upper
252 100
254 63.8 50.2 75.4
126 13.1 8.2 12.4





#83

Chrysene

Concen: 38.664 ng

RT: 14.069 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

ClientSampleId :

PB146631BS

Tgt Ion:228 Resp: 111694

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

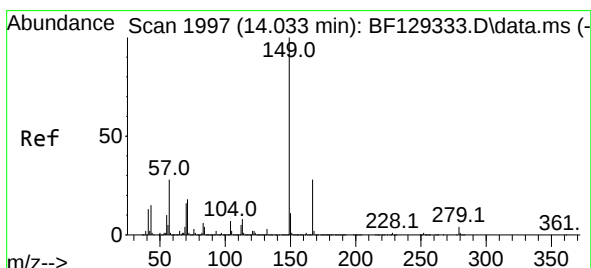
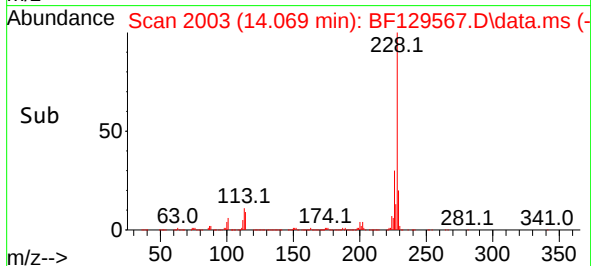
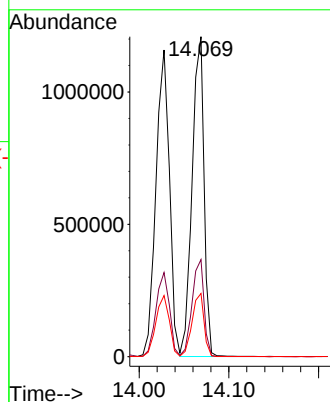
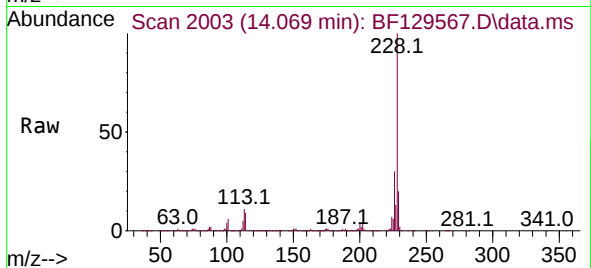
229 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/05/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.677 ng

RT: 13.998 min Scan# 1991

Delta R.T. 0.000 min

Lab File: BF129567.D

Acq: 04 Aug 2022 12:26

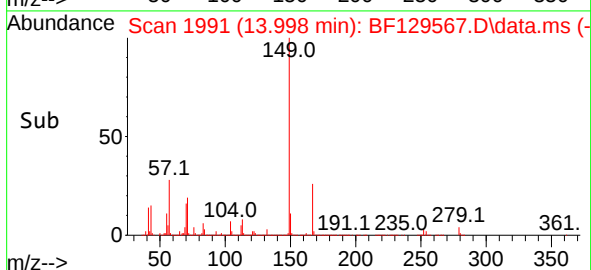
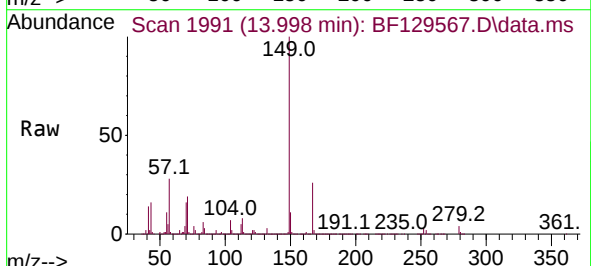
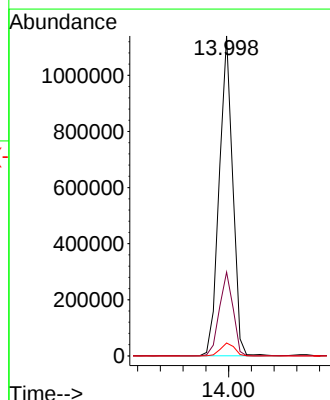
Tgt Ion:149 Resp: 935884

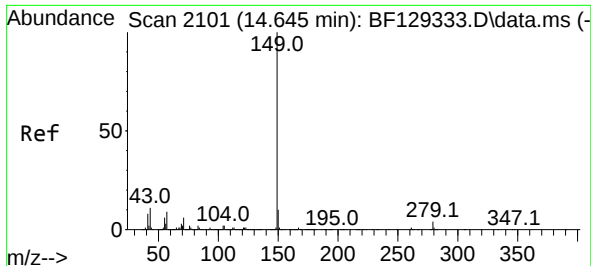
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

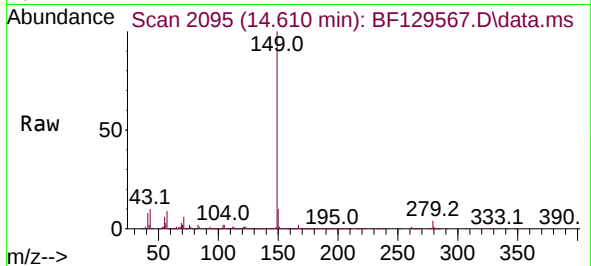
279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.658 ng
RT: 14.610 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

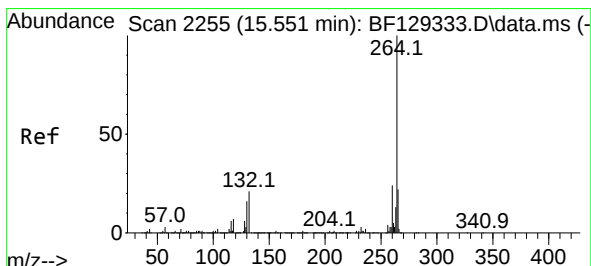
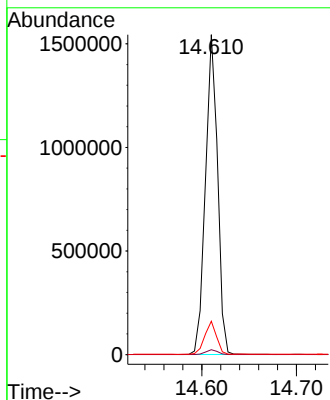
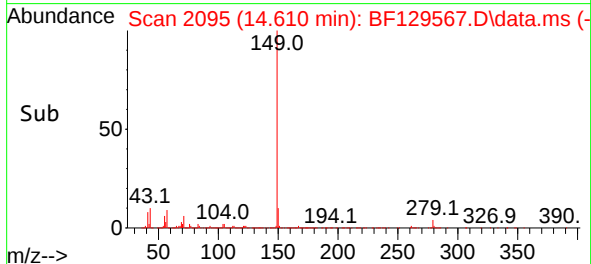
Instrument :
BNA_F
ClientSampleId :
PB146631BS



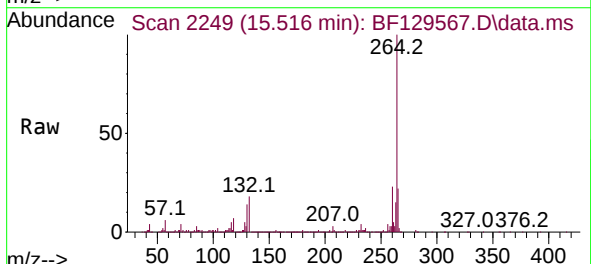
Tgt Ion:149 Resp: 1377000
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.0 9.2 13.8

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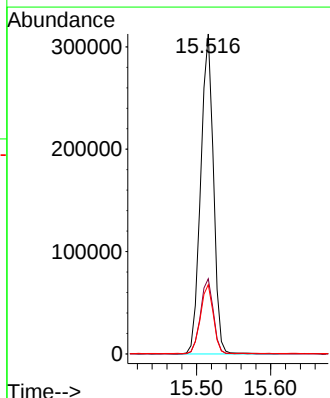
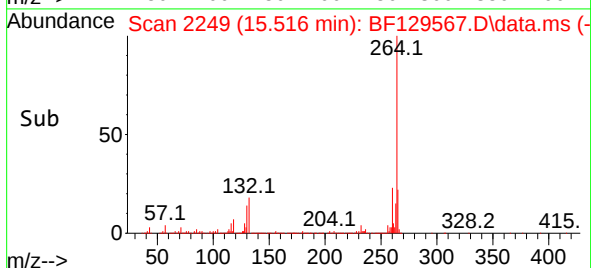
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

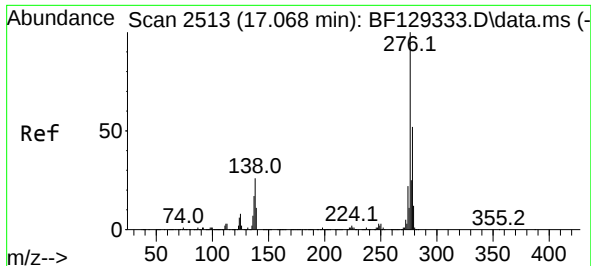


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26



Tgt Ion:264 Resp: 373471
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.6 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.360 ng
RT: 17.016 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

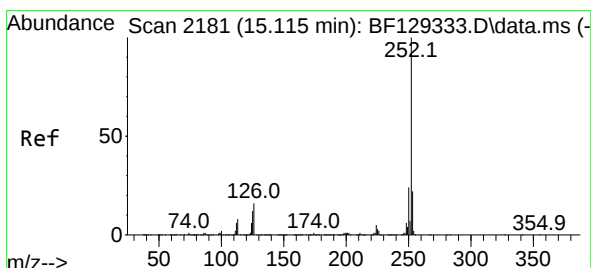
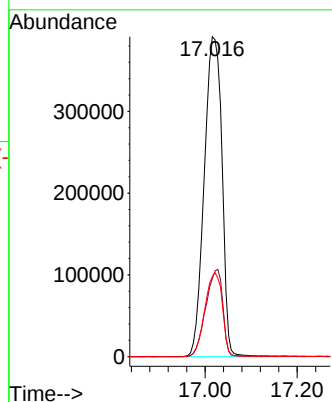
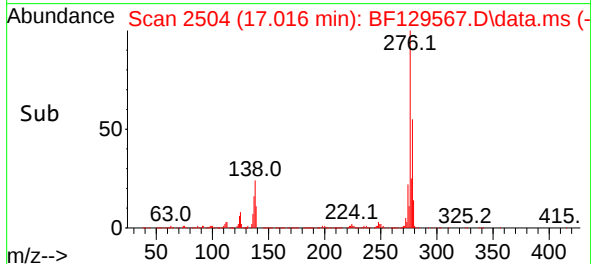
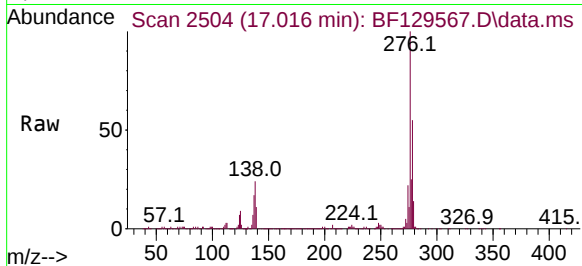
ClientSampleId :

PB146631BS

Tgt Ion:276 Resp: 1040196
Ion Ratio Lower Upper
276 100
138 26.1 21.1 31.7
277 25.8 20.3 30.5

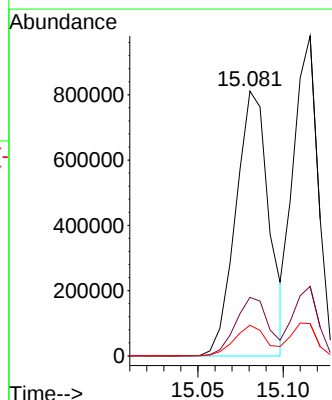
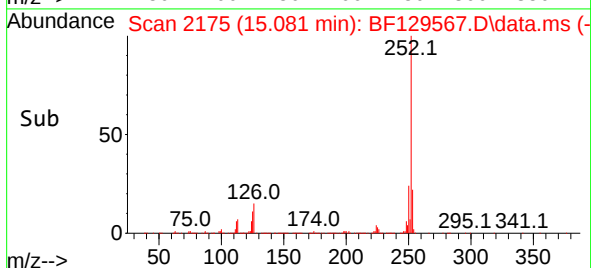
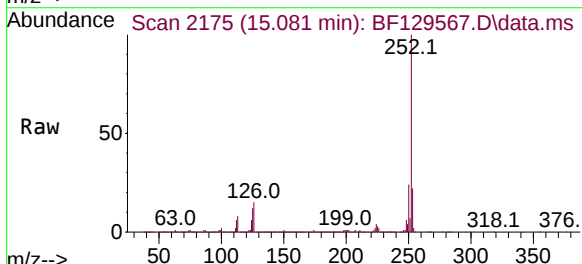
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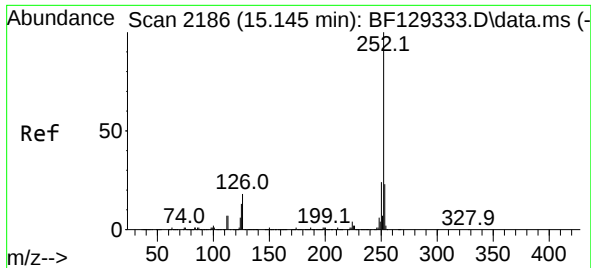
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#88
Benzo(b)fluoranthene
Concen: 44.536 ng
RT: 15.081 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Tgt Ion:252 Resp: 1103300
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.6 8.0 12.0





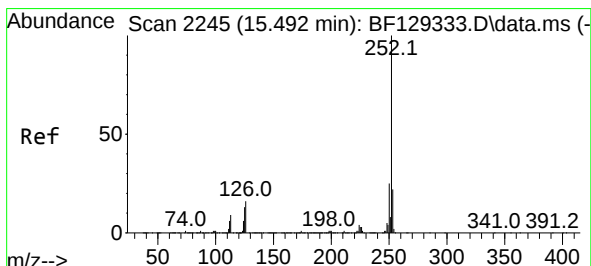
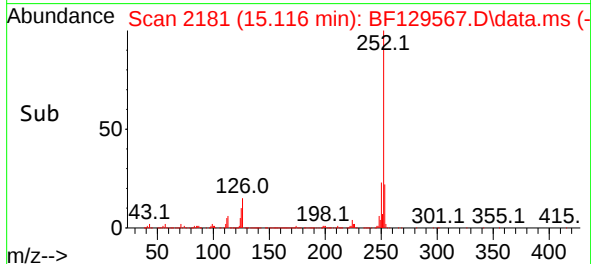
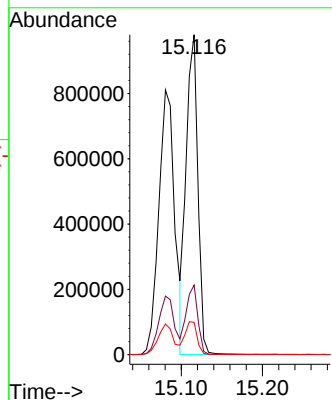
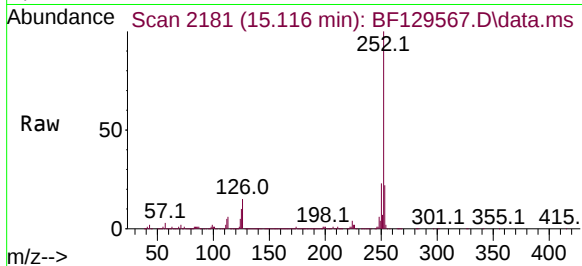
#89
Benzo(k)fluoranthene
Concen: 40.606 ng
RT: 15.116 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :
BNA_F
ClientSampleId :
PB146631BS

Tgt Ion:252 Resp: 98581
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.1 8.3 12.5

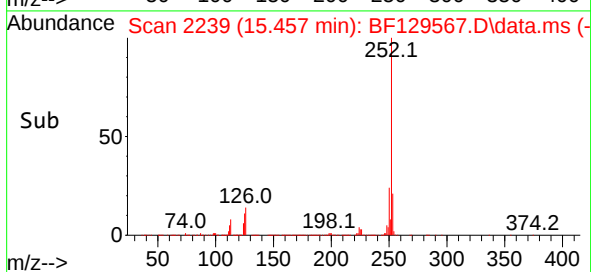
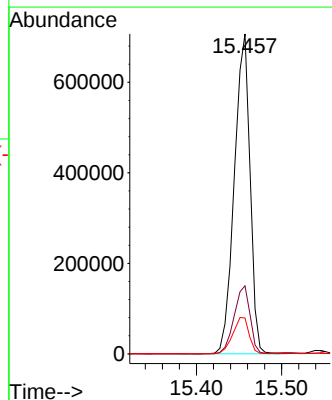
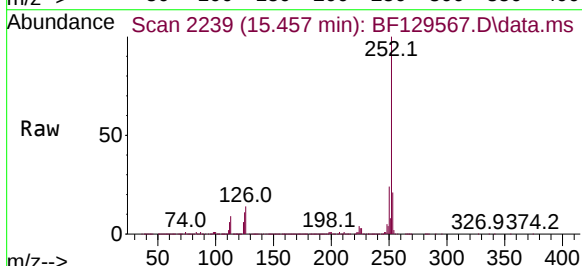
Manual Integrations
APPROVED

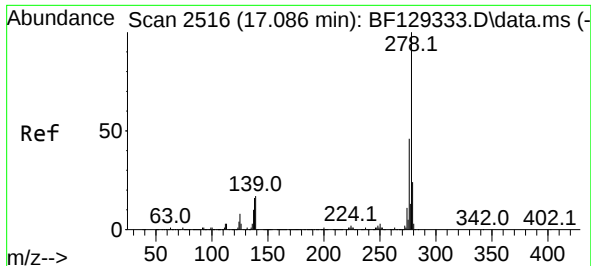
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#90
Benzo(a)pyrene
Concen: 44.964 ng
RT: 15.457 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Tgt Ion:252 Resp: 904249
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 11.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 44.308 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Instrument :

BNA_F

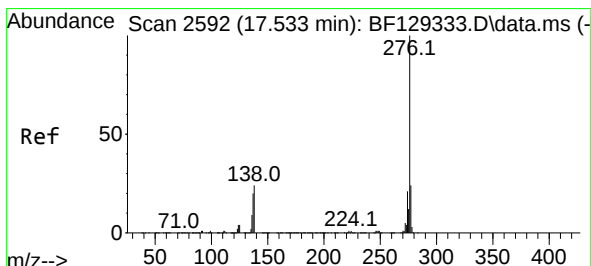
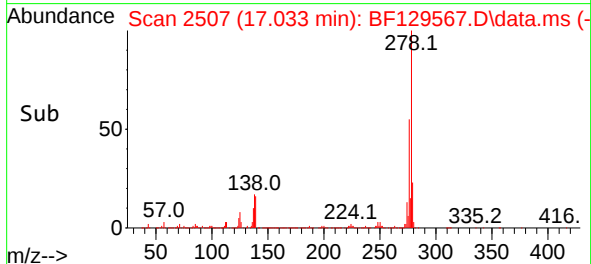
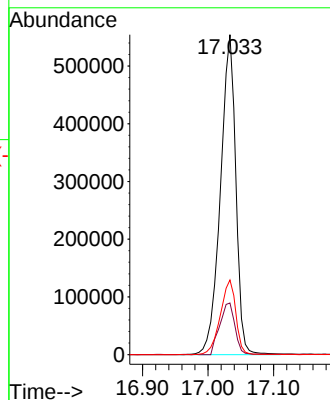
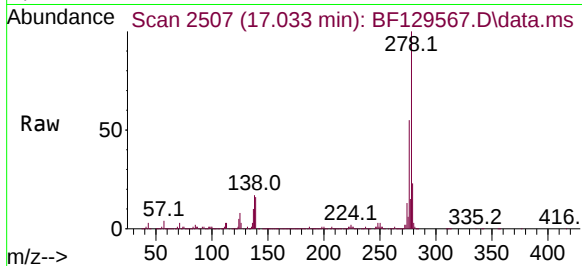
ClientSampleId :

PB146631BS

Tgt Ion:278 Resp: 906979
Ion Ratio Lower Upper
278 100
139 16.1 12.8 19.2
279 23.3 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#92
Benzo(g,h,i)perylene
Concen: 43.317 ng
RT: 17.474 min Scan# 2582
Delta R.T. -0.006 min
Lab File: BF129567.D
Acq: 04 Aug 2022 12:26

Tgt Ion:276 Resp: 906049
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 22.9 18.0 27.0

