

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127199.D
 Acq On : 04 Mar 2022 14:25
 Operator : CG\JU
 Sample : N1790-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-17MSD

Quant Time: Mar 05 02:19:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/07/2022
 Supervised By : Jagrut Upadhyay 03/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	90647	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	385855	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	197276	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	372402	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	231810	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	169169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	532883	90.859	ng	0.01
7) Phenol-d6	6.516	99	705663	89.168	ng	0.00
23) Nitrobenzene-d5	7.445	82	507874	59.411	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	238982	105.215	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	861622	64.298	ng	0.00
79) Terphenyl-d14	12.998	244	980249	62.163	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	120922	45.057	ng	98
3) Pyridine	3.504	79	320224	45.491	ng	96
4) n-Nitrosodimethylamine	3.481	42	169621	49.190	ng	# 74
6) Aniline	6.545	93	184171	19.641	ng	93
8) 2-Chlorophenol	6.669	128	307978	48.941	ng	93
9) Benzaldehyde	6.434	77	203833	42.313	ng	99
10) Phenol	6.528	94	390954m	48.891	ng	
11) bis(2-Chloroethyl)ether	6.616	93	288875	46.059	ng	98
12) 1,3-Dichlorobenzene	6.822	146	335985	49.495	ng	97
13) 1,4-Dichlorobenzene	6.898	146	326376	47.425	ng	98
14) 1,2-Dichlorobenzene	7.045	146	315678	48.102	ng	99
15) Benzyl Alcohol	7.022	79	292963	43.942	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.151	45	379272	38.403	ng	88
17) 2-Methylphenol	7.134	107	269993	49.591	ng	# 91
18) Hexachloroethane	7.386	117	127870	48.474	ng	# 91
19) n-Nitroso-di-n-propyla...	7.292	70	239908	47.046	ng	# 97
20) 3+4-Methylphenols	7.286	107	339052	47.957	ng	90
22) Acetophenone	7.292	105	457273	45.010	ng	98
24) Nitrobenzene	7.469	77	358497	44.393	ng	96
25) Isophorone	7.704	82	669217	47.310	ng	# 96
26) 2-Nitrophenol	7.781	139	171632	49.918	ng	# 83
27) 2,4-Dimethylphenol	7.816	122	295577	52.329	ng	89
28) bis(2-Chloroethoxy)met...	7.910	93	380895	44.416	ng	98
29) 2,4-Dichlorophenol	8.022	162	258129	48.608	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	271093	45.661	ng	97
31) Naphthalene	8.186	128	923209	45.834	ng	99
32) Benzoic acid	7.957	122	201352	50.265	ng	93
33) 4-Chloroaniline	8.233	127	66641	8.406	ng	96
34) Hexachlorobutadiene	8.292	225	162461	46.871	ng	99
35) Caprolactam	8.622	113	75633m	40.785	ng	
36) 4-Chloro-3-methylphenol	8.728	107	326053	48.042	ng	97
37) 2-Methylnaphthalene	8.875	142	624128	47.753	ng	95
38) 1-Methylnaphthalene	8.975	142	592320	47.326	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	260777	50.217	ng	99
41) Hexachlorocyclopentadiene	9.028	237	309482	109.882	ng	95
43) 2,4,6-Trichlorophenol	9.157	196	181687	47.702	ng	98

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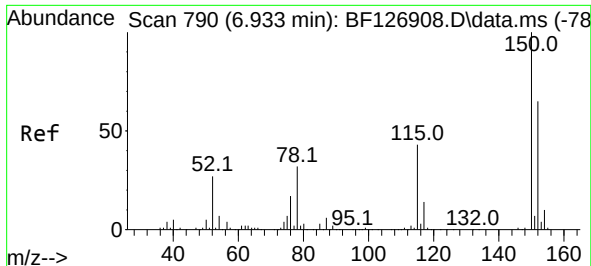
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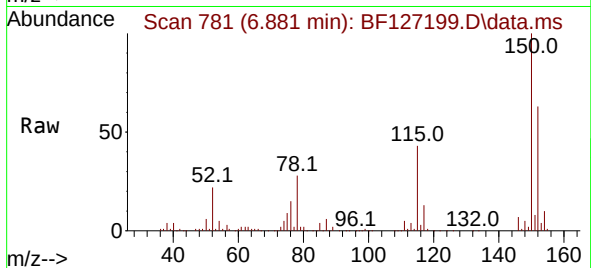
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.204	196	192499	48.029	ng	91	03/07/2022
46) 1,1'-Biphenyl	9.345	154	742149	47.483	ng	96	Supervised By : Jagrut Upadhyay
47) 2-Chloronaphthalene	9.369	162	550967	47.536	ng	95	
48) 2-Nitroaniline	9.469	65	201528	44.062	ng	97	
49) Acenaphthylene	9.786	152	913984	48.546	ng	98	
50) Dimethylphthalate	9.651	163	665313	47.182	ng	# 99	
51) 2,6-Dinitrotoluene	9.716	165	141289	49.248	ng	94	03/07/2022
52) Acenaphthene	9.957	154	653977m	53.411	ng		
53) 3-Nitroaniline	9.880	138	71285	20.327	ng	# 99	
54) 2,4-Dinitrophenol	9.998	184	160062	105.408	ng	83	
55) Dibenzofuran	10.133	168	796326	47.297	ng	91	
56) 4-Nitrophenol	10.057	139	230791	89.104	ng	# 77	
57) 2,4-Dinitrotoluene	10.122	165	199805	51.509	ng	# 96	
58) Fluorene	10.474	166	628494	47.923	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.251	232	155185	48.839	ng	92	
60) Diethylphthalate	10.345	149	709881	48.179	ng	99	
61) 4-Chlorophenyl-phenyle...	10.463	204	297752	48.148	ng	94	
62) 4-Nitroaniline	10.510	138	151587	43.773	ng	# 79	
63) Azobenzene	10.627	77	705256	42.985	ng	93	
65) 4,6-Dinitro-2-methylph...	10.533	198	100839	46.085	ng	91	
66) n-Nitrosodiphenylamine	10.586	169	547295	44.819	ng	99	
67) 4-Bromophenyl-phenylether	10.957	248	190458	45.774	ng	95	
68) Hexachlorobenzene	11.022	284	208631	46.576	ng	96	
69) Atrazine	11.116	200	183686	48.500	ng	97	
70) Pentachlorophenol	11.222	266	212253	86.805	ng	98	
71) Phenanthrene	11.445	178	945706	45.371	ng	99	
72) Anthracene	11.498	178	960368	46.281	ng	99	
73) Carbazole	11.651	167	788026	41.411	ng	98	
74) Di-n-butylphthalate	11.969	149	1107266	45.262	ng	98	
75) Fluoranthene	12.633	202	868978	43.907	ng	95	
77) Benzidine	12.757	184	281437	44.675	ng	98	
78) Pyrene	12.863	202	883578	43.873	ng	100	
80) Butylbenzylphthalate	13.474	149	417101	43.748	ng	90	
81) Benzo(a)anthracene	14.051	228	744186	47.620	ng	99	
82) 3,3'-Dichlorobenzidine	14.015	252	145902	29.624	ng	# 96	
83) Chrysene	14.092	228	680983	46.338	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.027	149	607756	48.553	ng	# 98	
85) Di-n-octyl phthalate	14.645	149	822282	45.625	ng	95	
87) Indeno(1,2,3-cd)pyrene	17.068	276	549975	49.580	ng	# 84	
88) Benzo(b)fluoranthene	15.115	252	564619	49.694	ng	# 92	
89) Benzo(k)fluoranthene	15.145	252	533990	48.726	ng	# 94	
90) Benzo(a)pyrene	15.492	252	504833	56.883	ng	# 93	
91) Dibenzo(a,h)anthracene	17.086	278	473536	51.616	ng	# 90	
92) Benzo(g,h,i)perylene	17.533	276	464851	51.396	ng	# 85	

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

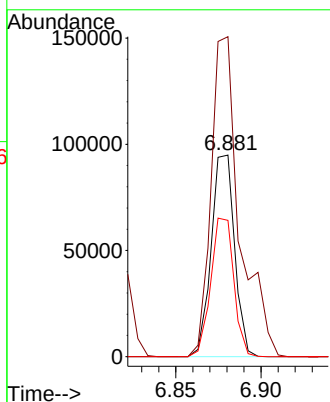
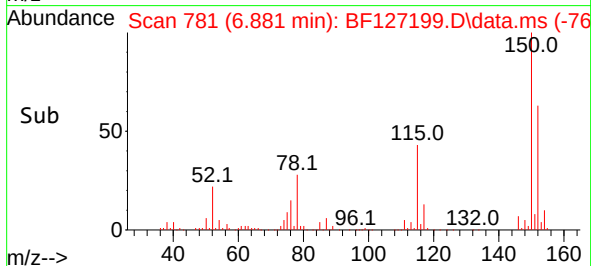
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion:152 Resp: 9064
Ion Ratio Lower Upper
152 100
150 158.7 128.1 192.1
115 67.6 56.7 85.1

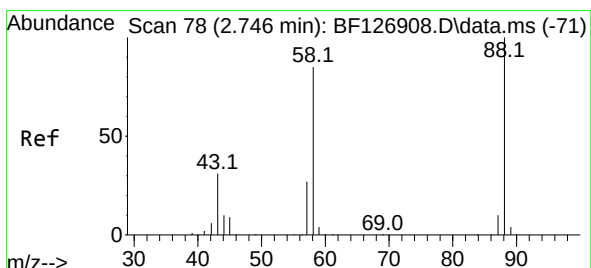
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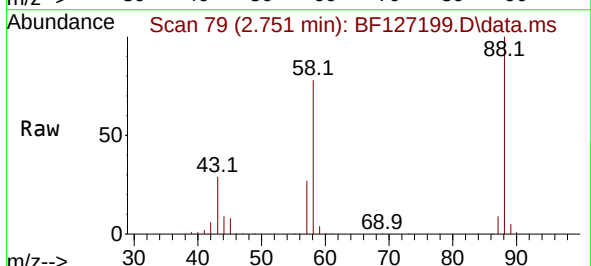


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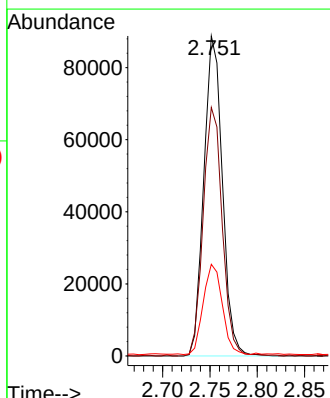
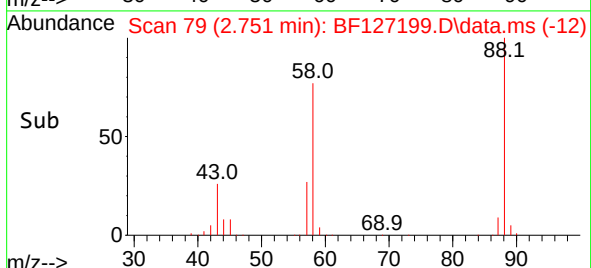
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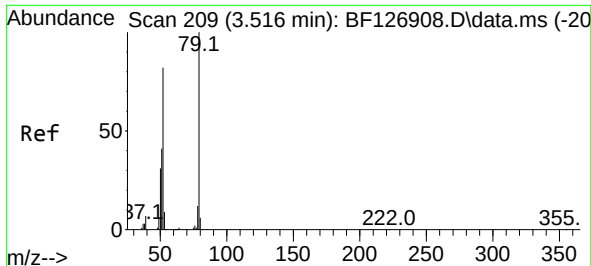


#2
1,4-Dioxane
Concen: 45.057 ng
RT: 2.751 min Scan# 79
Delta R.T. 0.094 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



Tgt Ion: 88 Resp: 120922
Ion Ratio Lower Upper
88 100
58 79.8 62.8 94.2
43 28.8 22.3 33.5





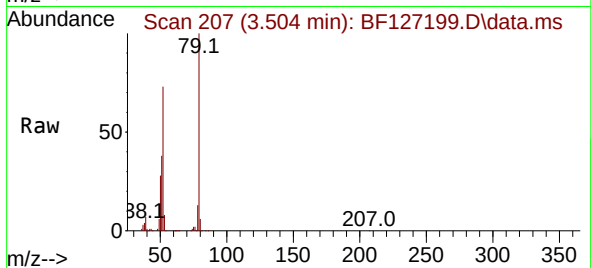
#3
Pyridine
Concen: 45.491 ng
RT: 3.504 min Scan# 209
Delta R.T. 0.076 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

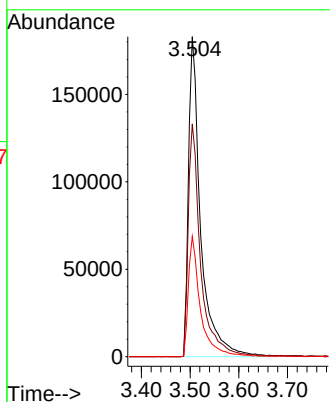
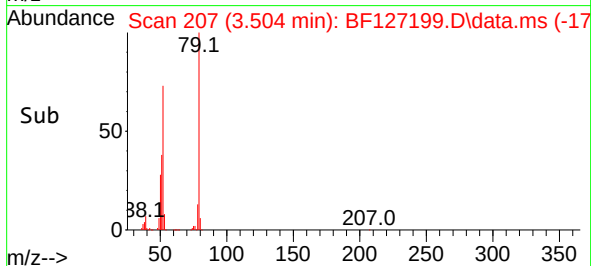
DUM-17MSD



Tgt Ion: 79 Resp: 320224
Ion Ratio Lower Upper
79 100
52 72.7 56.2 84.4
51 37.6 26.7 40.1

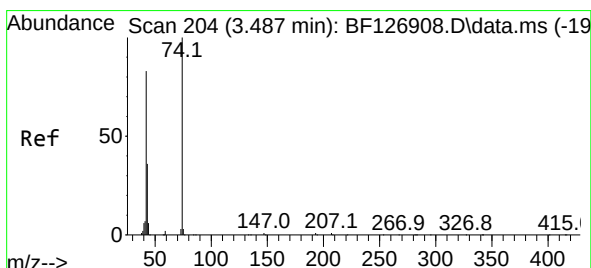
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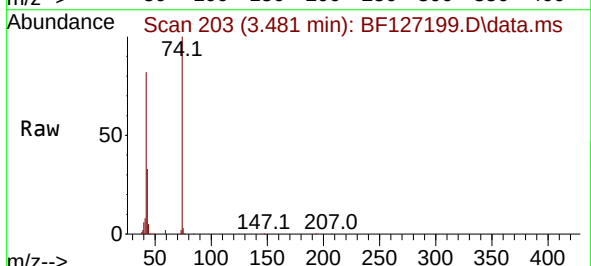


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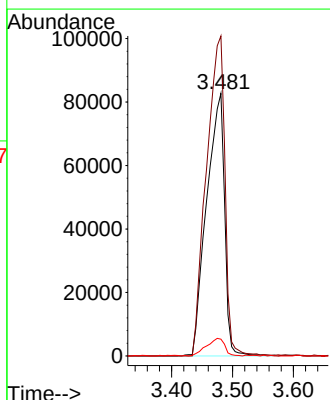
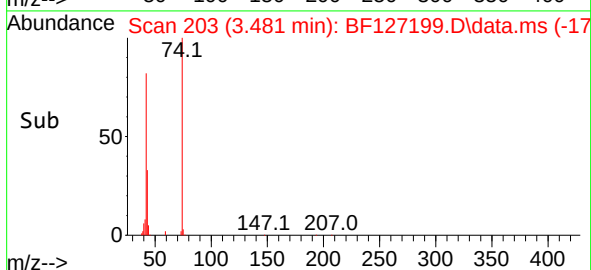
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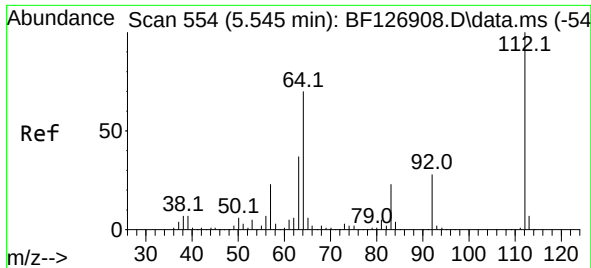


#4
n-Nitrosodimethylamine
Concen: 49.190 ng
RT: 3.481 min Scan# 203
Delta R.T. 0.082 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



Tgt Ion: 42 Resp: 169621
Ion Ratio Lower Upper
42 100
74 121.9 125.6 188.4#
44 6.4 5.7 8.5





#5
2-Fluorophenol
Concen: 90.859 ng
RT: 5.510 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

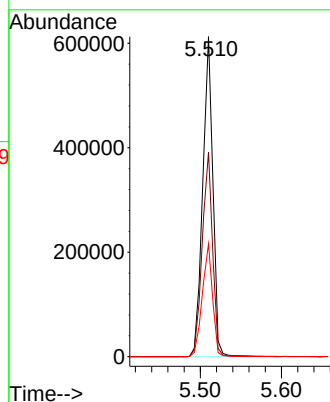
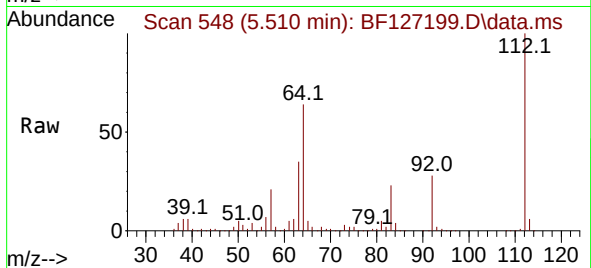
ClientSampleId :

DUM-17MSD

Tgt Ion:112 Resp: 53288
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 35.3 23.9 35.9

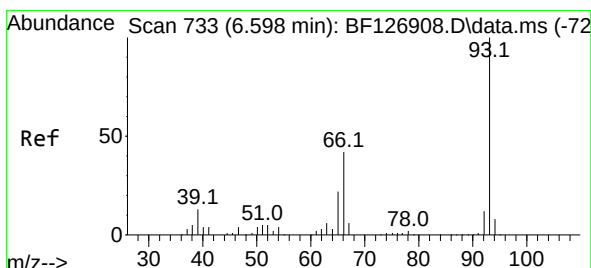
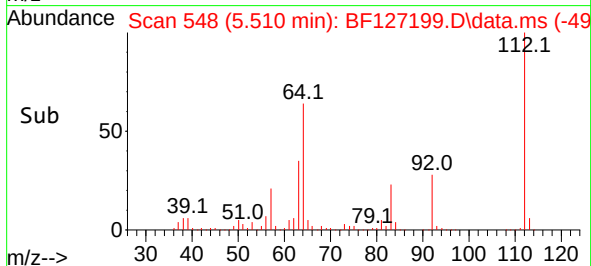
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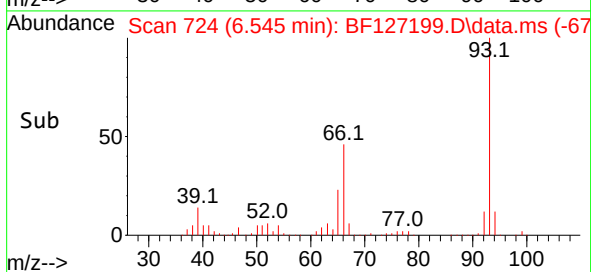
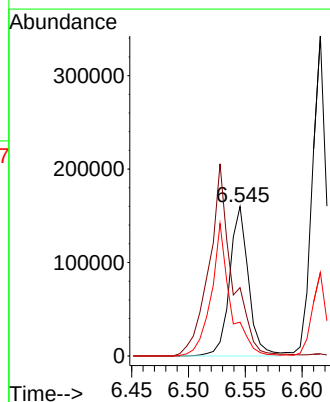
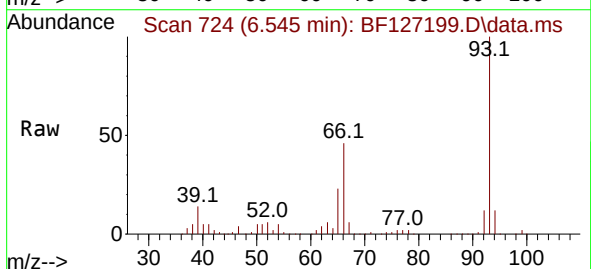
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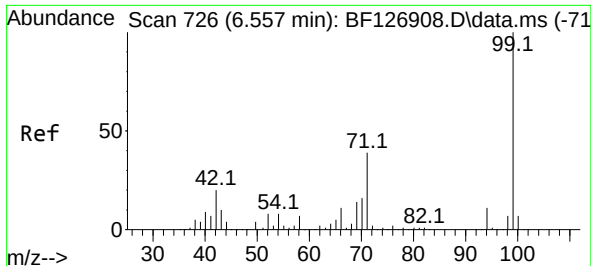
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#6
Aniline
Concen: 19.641 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF127199.D
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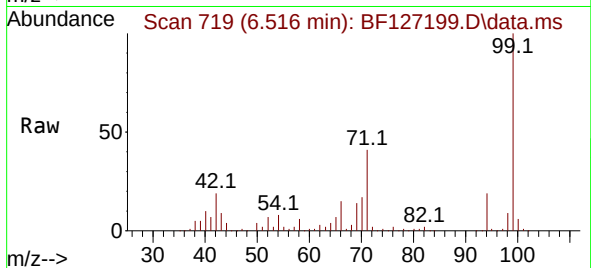
Tgt Ion: 93 Resp: 184171
Ion Ratio Lower Upper
93 100
66 45.8 32.2 48.4
65 22.6 16.3 24.5





#7
Phenol-d6
Concen: 89.168 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF127199.D
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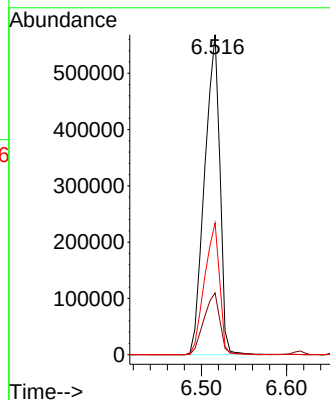
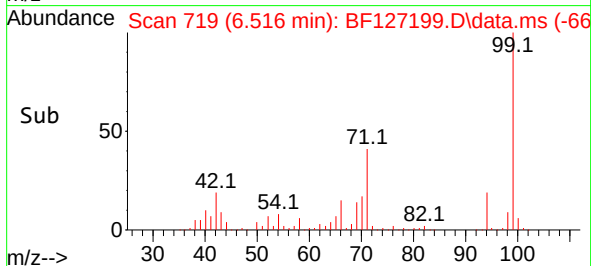
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 70566
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 41.2 24.3 36.5

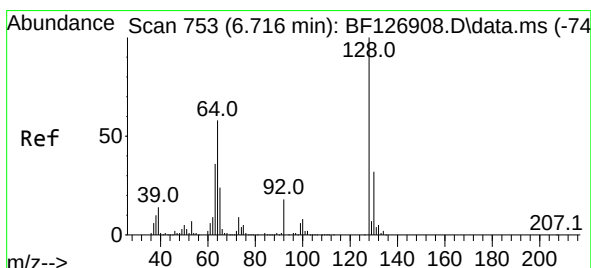
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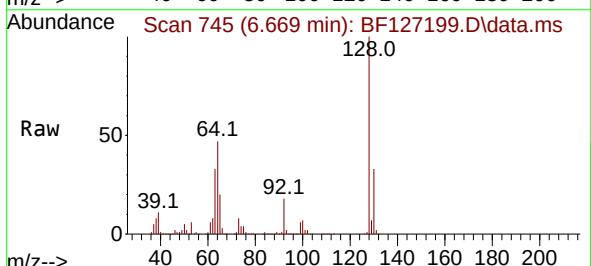


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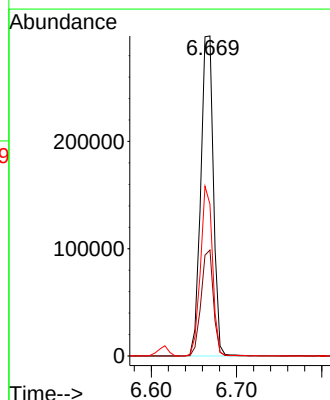
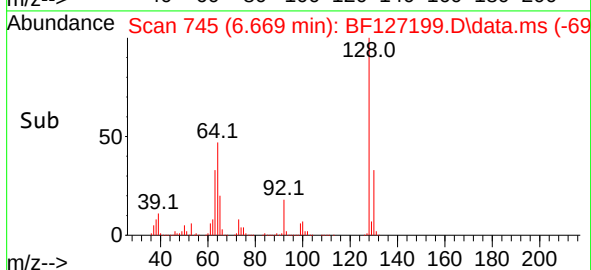
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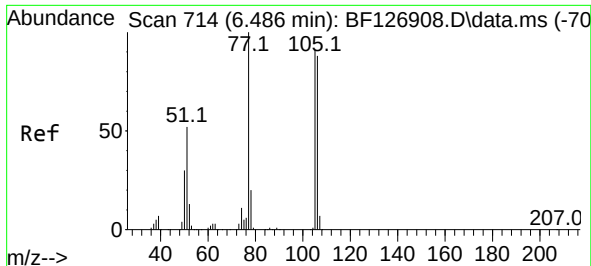


#8
2-Chlorophenol
Concen: 48.941 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF127199.D
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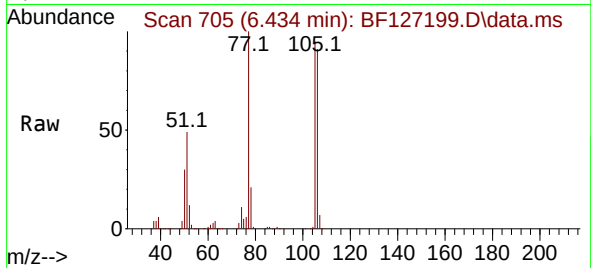
Tgt Ion:128 Resp: 307978
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 47.4 35.6 75.6





#9
Benzaldehyde
Concen: 42.313 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

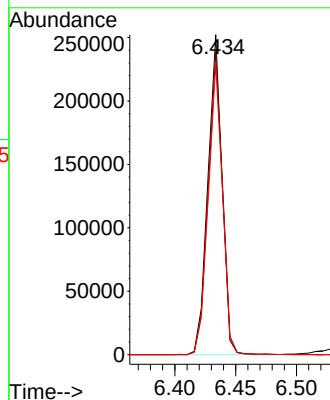
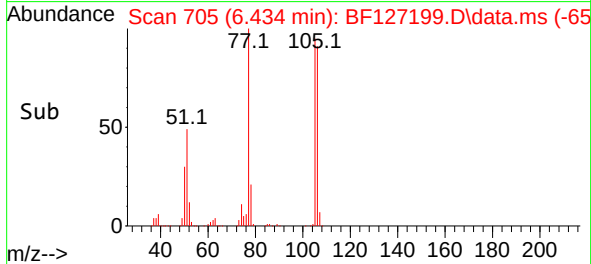
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion: 77 Resp: 20383
Ion Ratio Lower Upper
77 100
105 94.8 74.9 114.9
106 90.9 72.4 112.4

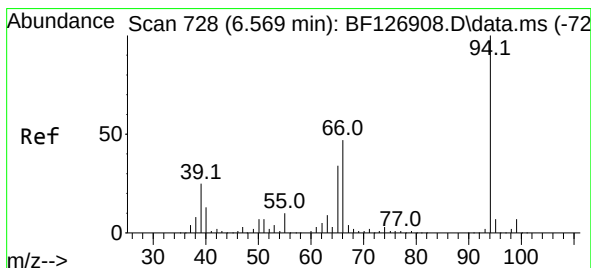
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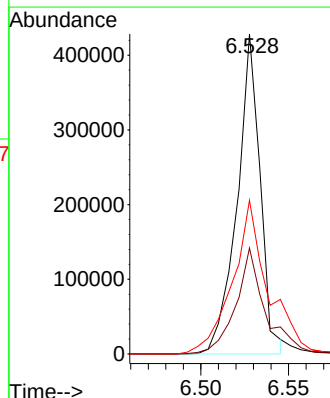
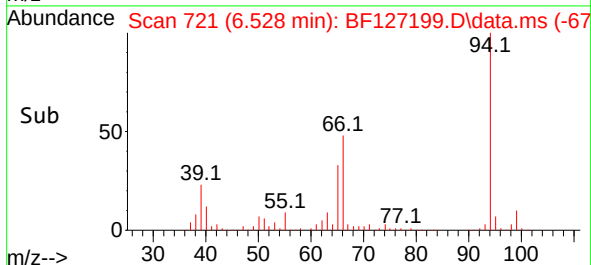
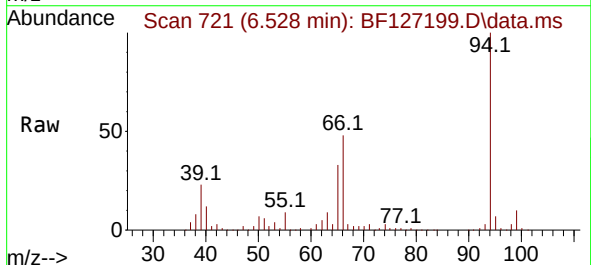
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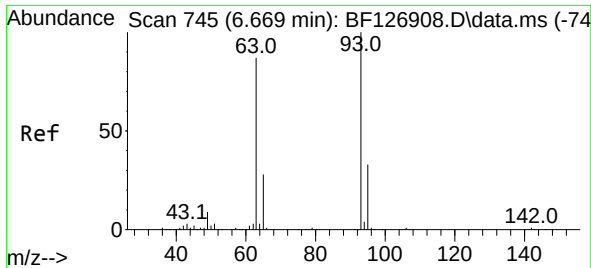
03/07/2022



#10
Phenol
Concen: 48.891 ng m
RT: 6.528 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Tgt Ion: 94 Resp: 390954
Ion Ratio Lower Upper
94 100
65 33.1 7.2 47.2
66 48.0 14.5 54.5





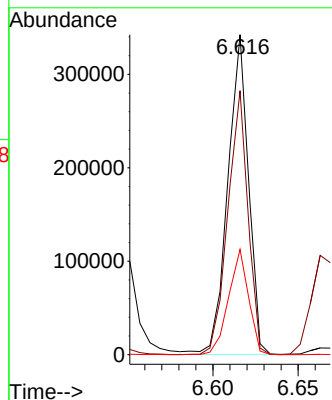
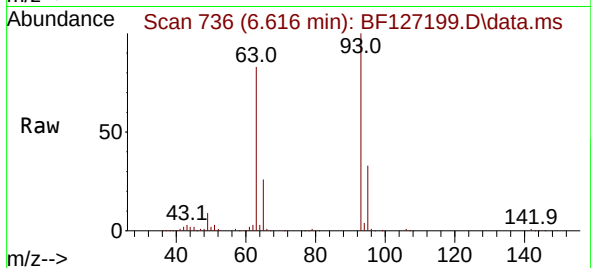
#11
bis(2-Chloroethyl)ether
Concen: 46.059 ng
RT: 6.616 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :
BNA_F
ClientSampleId :
DUM-17MSD

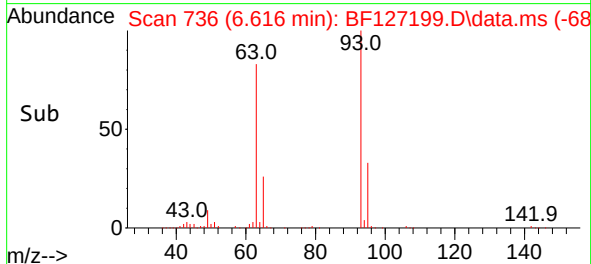
Tgt Ion: 93 Resp: 288875
Ion Ratio Lower Upper
93 100
63 82.5 60.5 100.5
95 32.9 12.9 52.9

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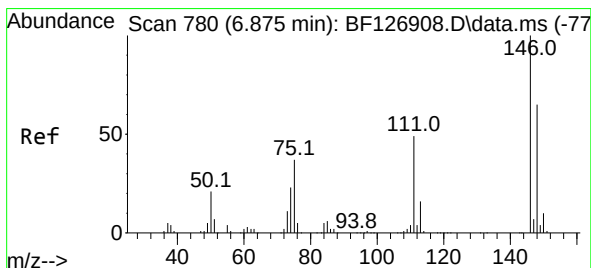
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



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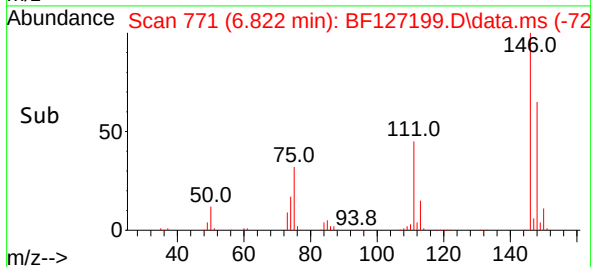
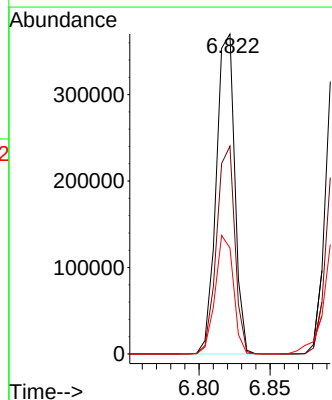
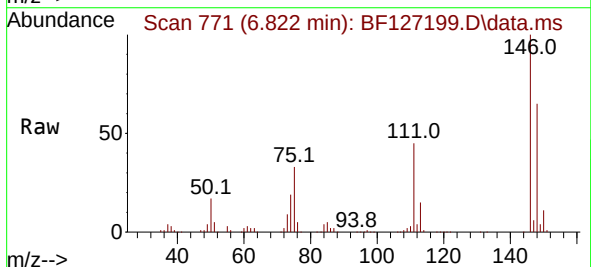


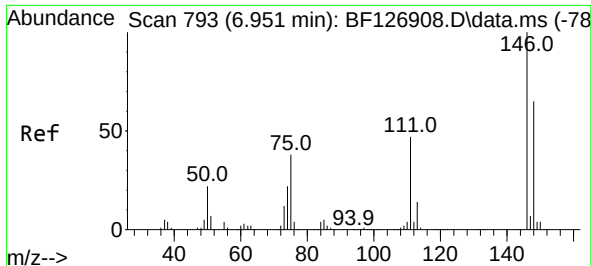
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#12
1,3-Dichlorobenzene
Concen: 49.495 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Tgt Ion:146 Resp: 335985
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
75 33.1 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 47.425 ng

RT: 6.898 min Scan# 793

Delta R.T. -0.000 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

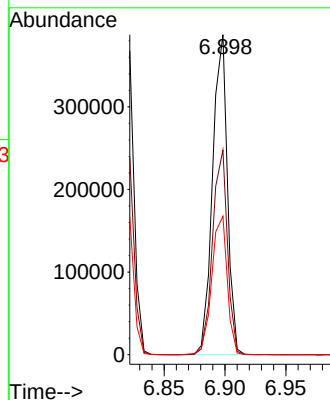
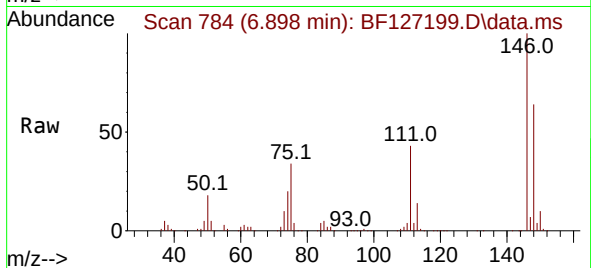
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Tgt Ion:146 Resp: 326370
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.8 74.6
 111 43.3 36.1 54.1

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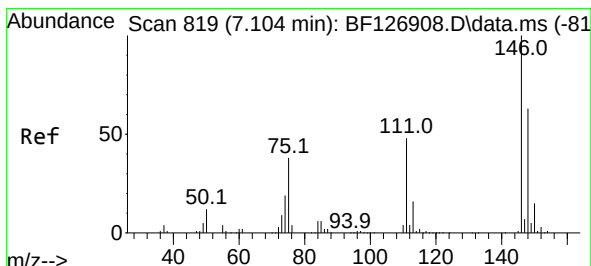
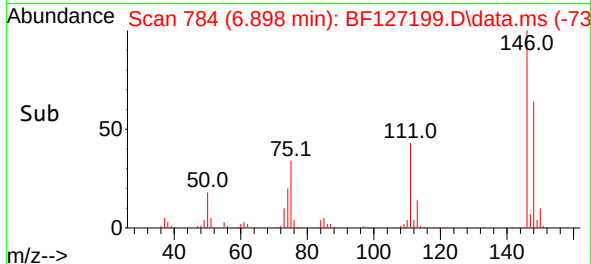
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 Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 48.102 ng

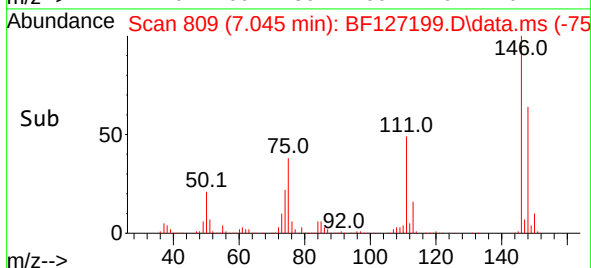
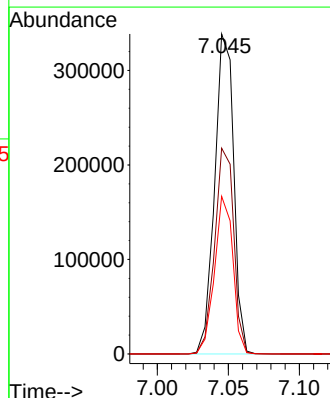
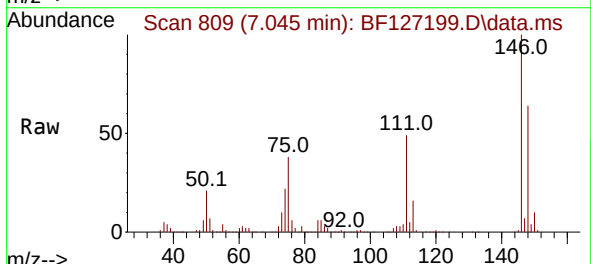
RT: 7.045 min Scan# 809

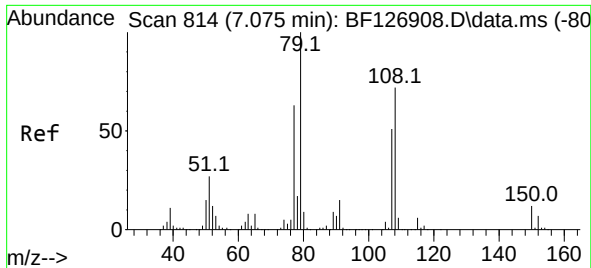
Delta R.T. -0.006 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

Tgt Ion:146 Resp: 315678
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.6 77.4
 111 49.3 40.2 60.2





#15
Benzyl Alcohol
Concen: 43.942 ng
RT: 7.022 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

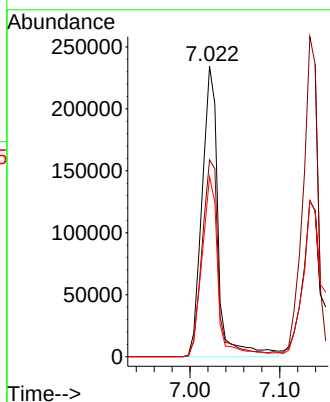
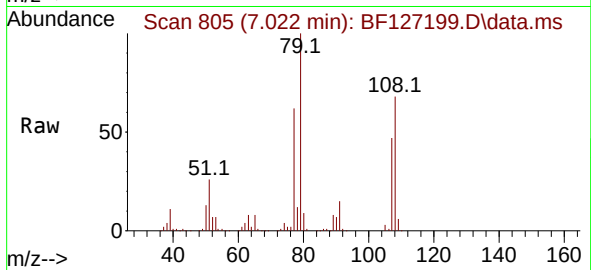
ClientSampleId :

DUM-17MSD

Tgt Ion: 79 Resp: 292963
Ion Ratio Lower Upper
79 100
108 67.8 63.2 94.8
77 61.9 49.4 74.2

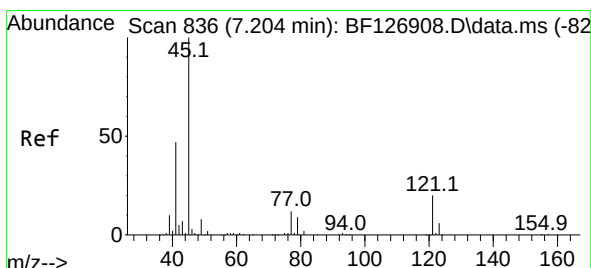
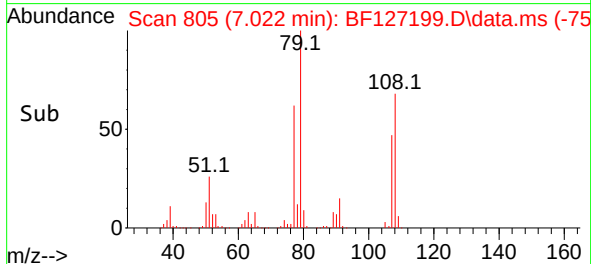
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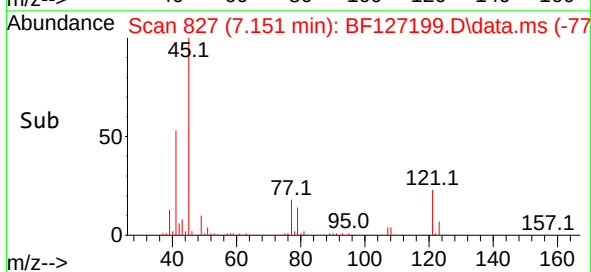
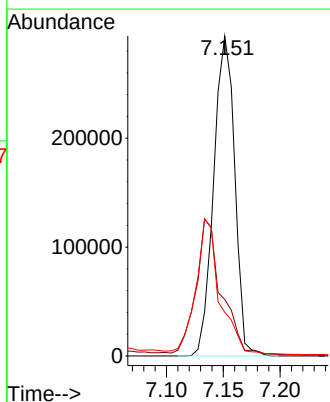
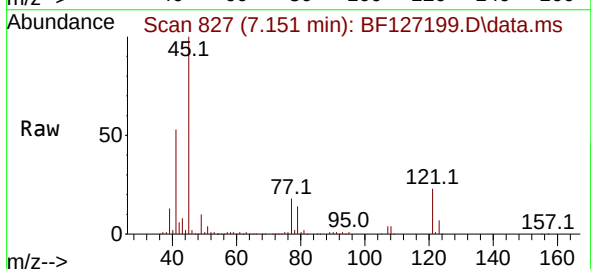
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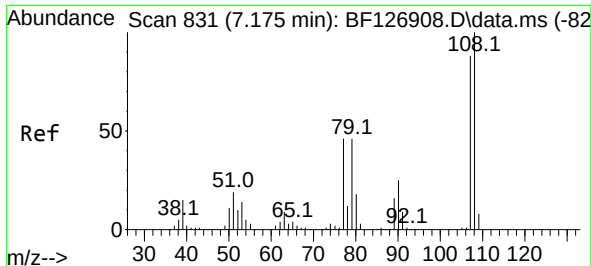
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.403 ng
RT: 7.151 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

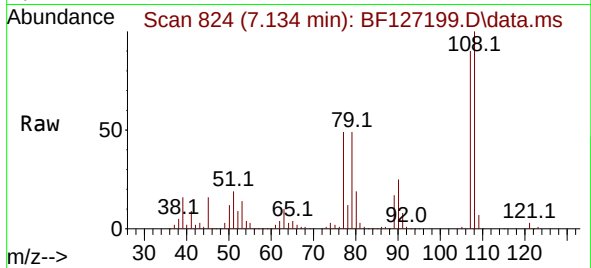
Tgt Ion: 45 Resp: 379272
Ion Ratio Lower Upper
45 100
77 17.6 0.0 32.4
79 13.6 0.0 29.8





#17
2-Methylphenol
Concen: 49.591 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

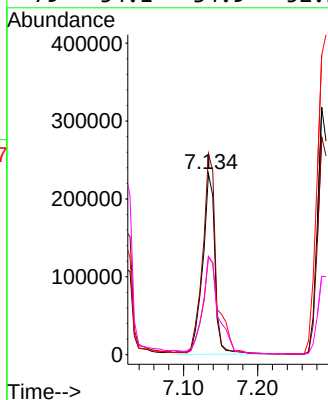
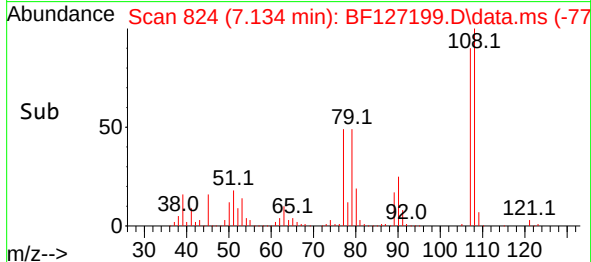
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion:107 Resp: 26999
Ion Ratio Lower Upper
107 100
108 111.1 93.4 140.0
77 54.2 36.1 54.1
79 54.1 34.9 52.3#

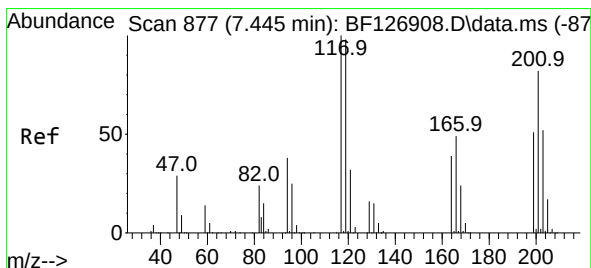
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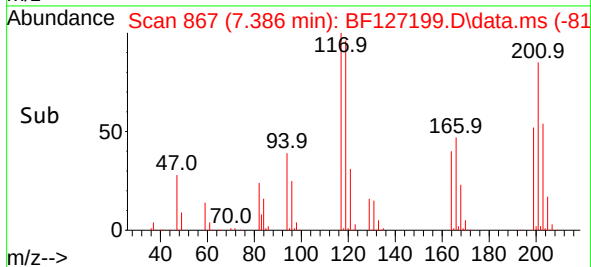
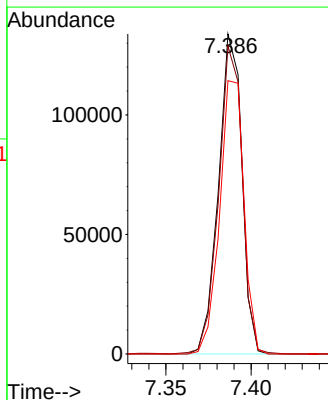
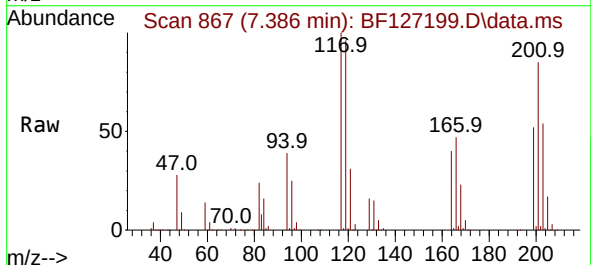
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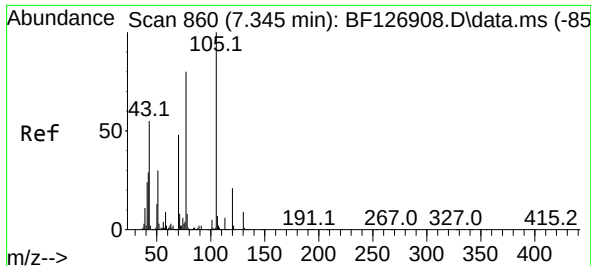
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#18
Hexachloroethane
Concen: 48.474 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Tgt Ion:117 Resp: 127870
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.0
201 85.4 56.8 85.2#





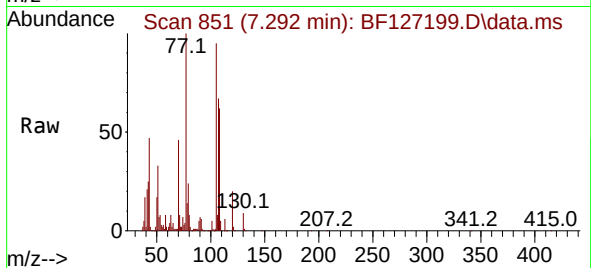
#19
n-Nitroso-di-n-propylamine
Concen: 47.046 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

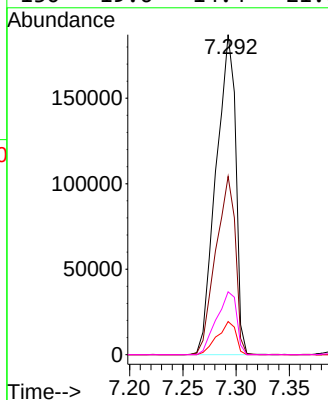
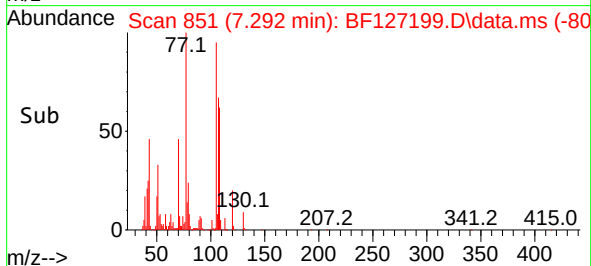
DUM-17MSD



Tgt Ion: 70 Resp: 239908
Ion Ratio Lower Upper
70 100
42 55.7 45.8 68.8
101 10.3 6.9 10.3
130 19.6 14.4 21.6

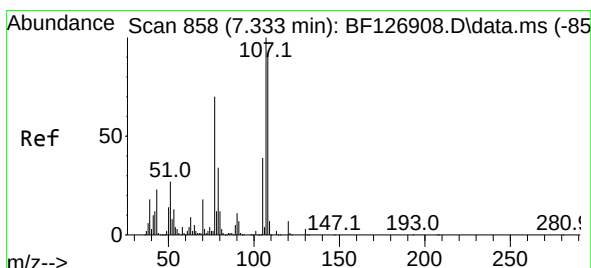
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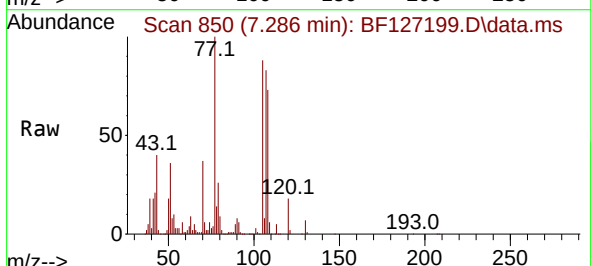


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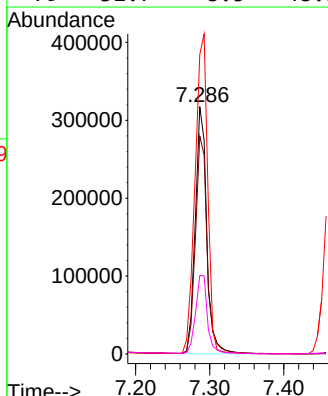
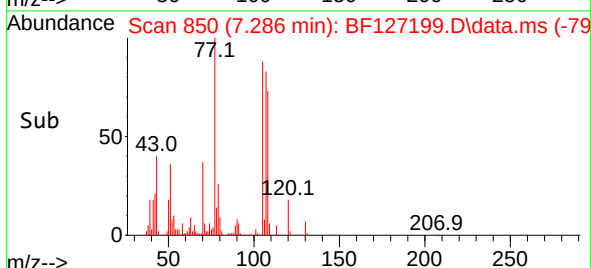
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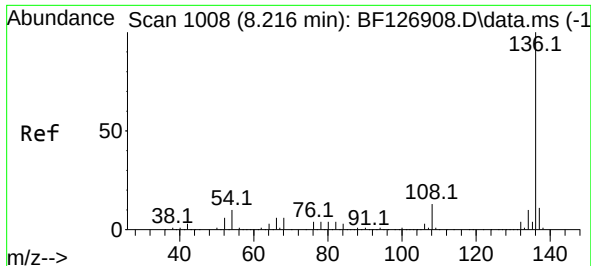


#20
3+4-Methylphenols
Concen: 47.957 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



Tgt Ion:107 Resp: 339052
Ion Ratio Lower Upper
107 100
108 88.1 72.4 112.4
77 121.2 83.8 123.8
79 31.7 8.5 48.5





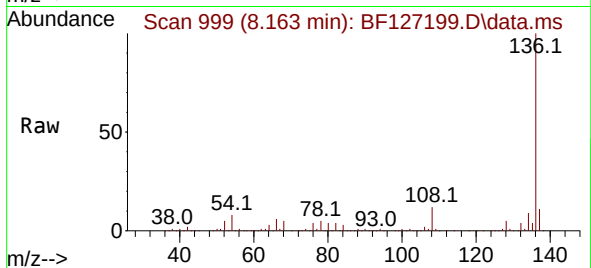
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

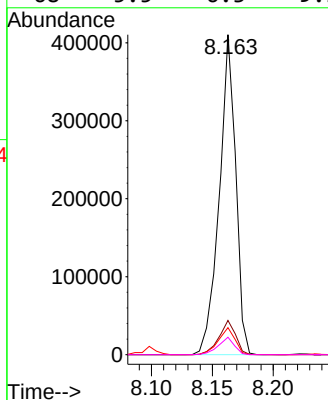
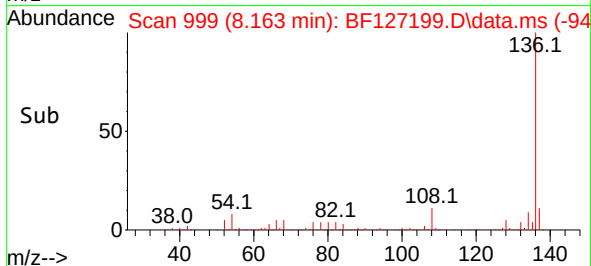
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Tgt Ion:136 Resp: 38585
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.5 7.8 11.6
68 5.5 6.3 9.5#

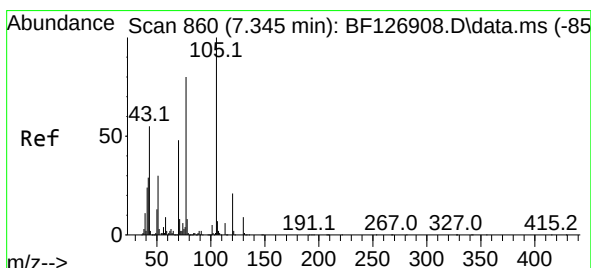
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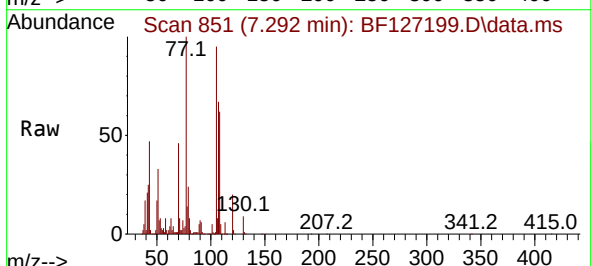


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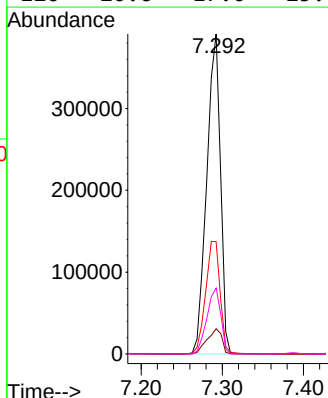
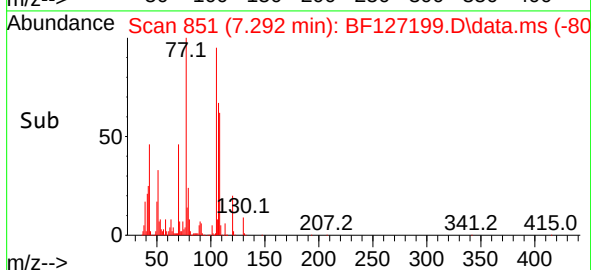
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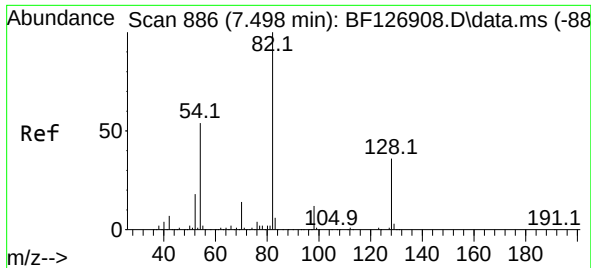


#22
Acetophenone
Concen: 45.010 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



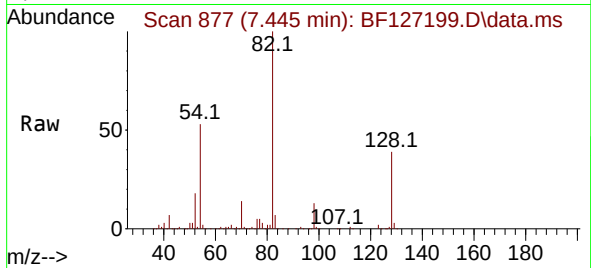
Tgt Ion:105 Resp: 457273
Ion Ratio Lower Upper
105 100
71 7.9 5.4 8.0
51 35.1 27.4 41.0
120 20.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 59.411 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

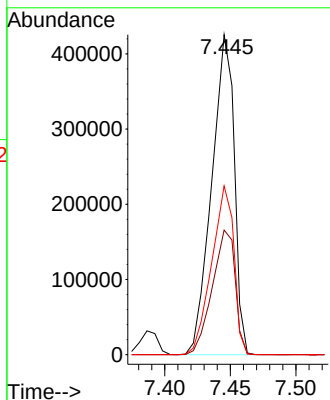
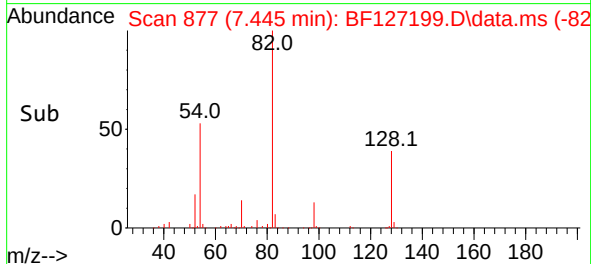
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion: 82 Resp: 507874
Ion Ratio Lower Upper
82 100
128 39.0 32.7 49.1
54 52.7 41.7 62.5

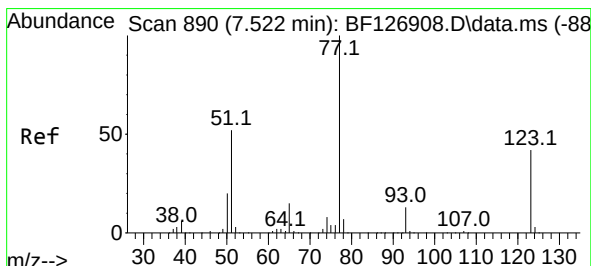
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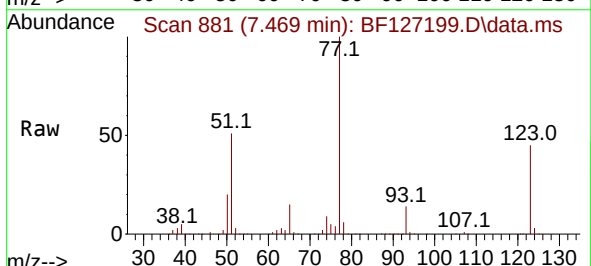


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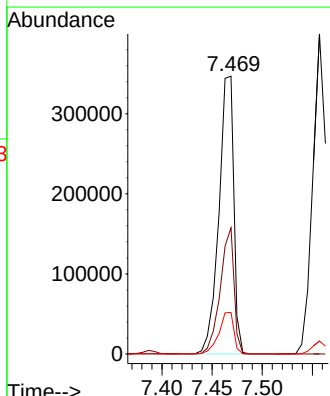
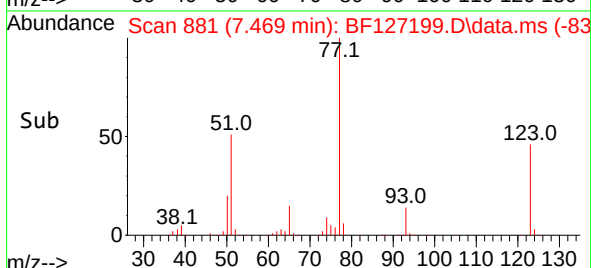
03/07/2022

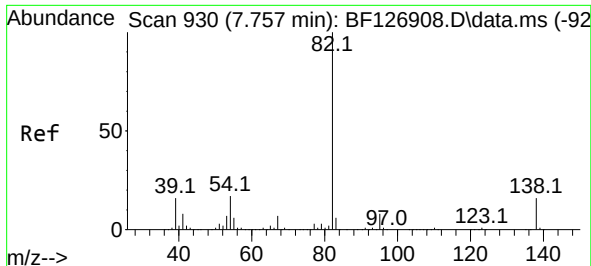


#24
Nitrobenzene
Concen: 44.393 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



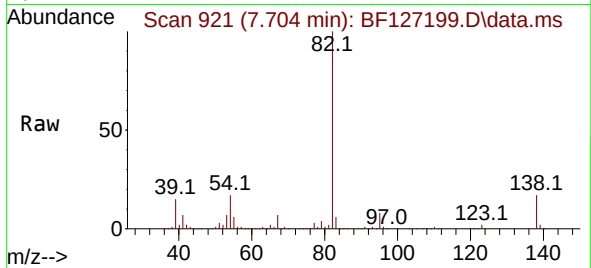
Tgt Ion: 77 Resp: 358497
Ion Ratio Lower Upper
77 100
123 45.4 34.6 52.0
65 15.0 10.6 15.8





#25
Isophorone
Concen: 47.310 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

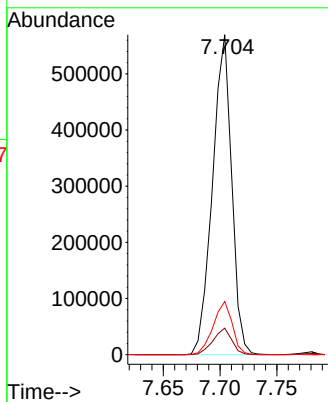
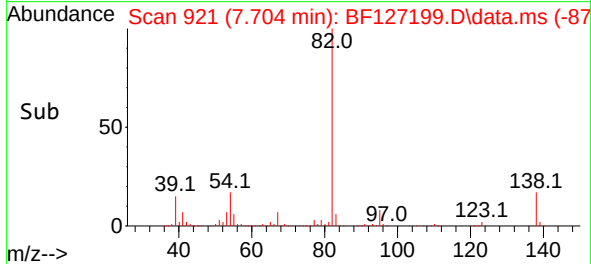
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion: 82 Resp: 66921
Ion Ratio Lower Upper
82 100
95 8.3 5.0 7.4
138 16.6 12.3 18.5

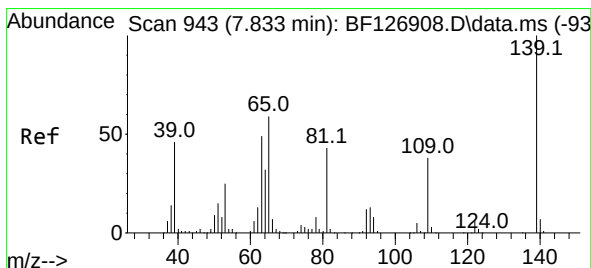
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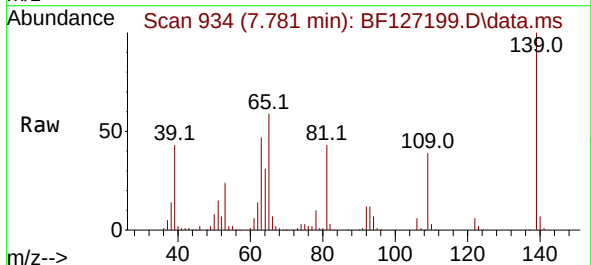


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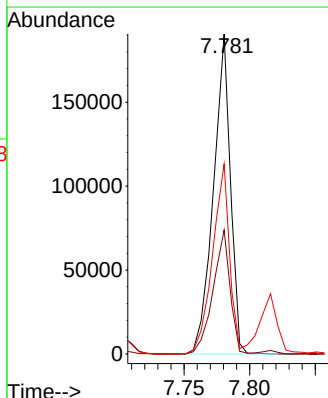
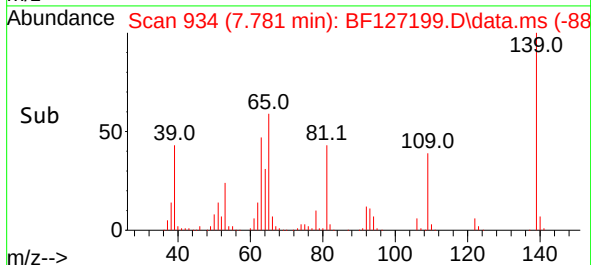
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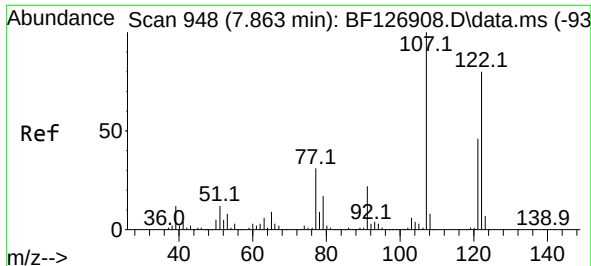


#26
2-Nitrophenol
Concen: 49.918 ng
RT: 7.781 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



Tgt Ion:139 Resp: 171632
Ion Ratio Lower Upper
139 100
109 38.7 20.0 30.0
65 59.3 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 52.329 ng

RT: 7.816 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF127199.D

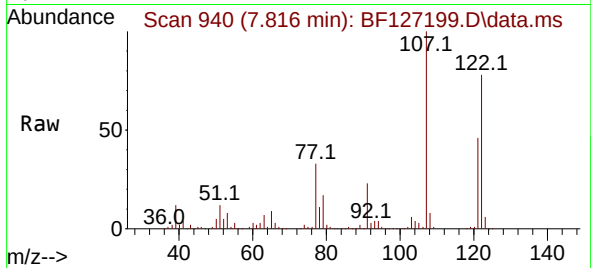
Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

DUM-17MSD



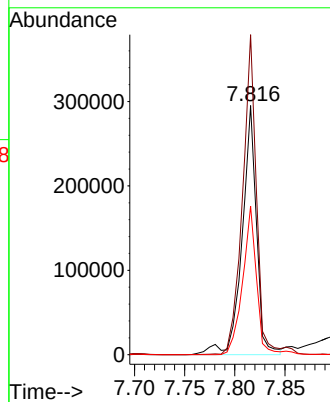
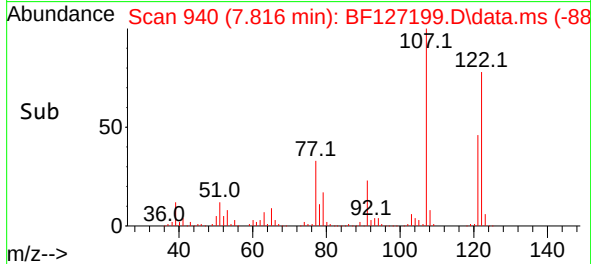
Tgt Ion:	122	Resp:	29557
Ion Ratio	Lower	Upper	
122	100		
107	128.4	91.2	136.8
121	59.6	44.4	66.6

Manual Integrations

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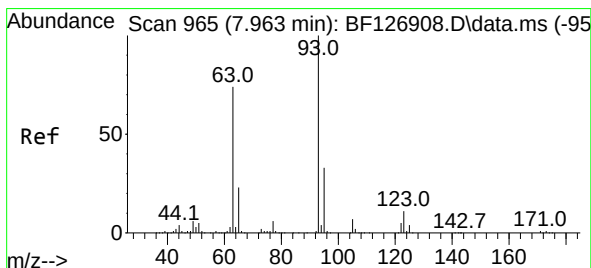
Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



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Upadhyay

03/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.416 ng

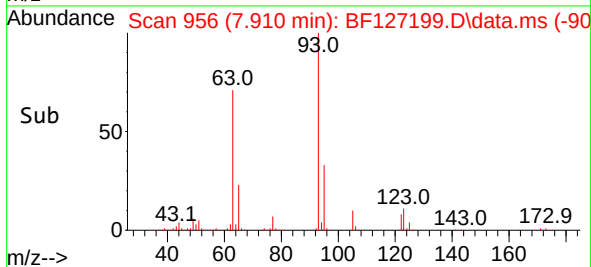
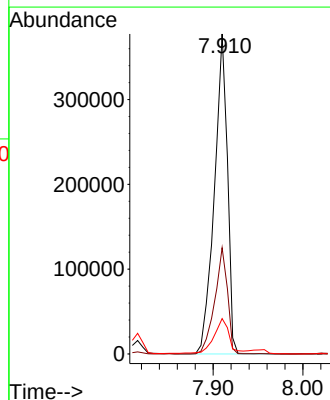
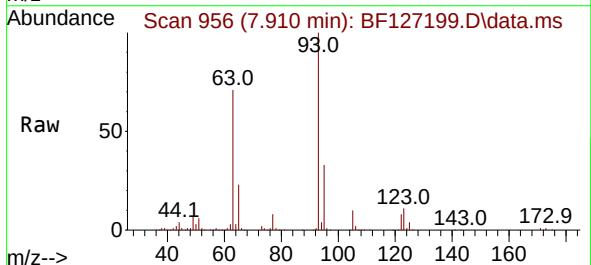
RT: 7.910 min Scan# 956

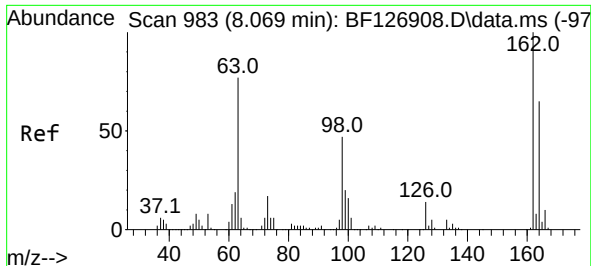
Delta R.T. -0.000 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

Tgt Ion:	93	Resp:	380895
Ion Ratio	Lower	Upper	
93	100		
95	33.2	25.4	38.2
123	11.0	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 48.608 ng

RT: 8.022 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

DUM-17MSD

Tgt Ion:162 Resp: 258129

Ion Ratio Lower Upper

162 100

164 63.7 43.8 83.8

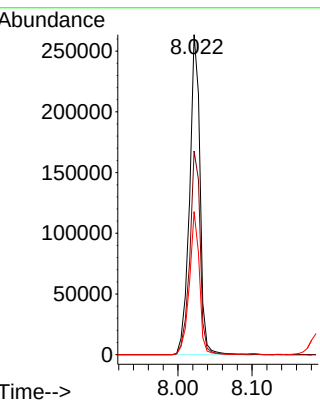
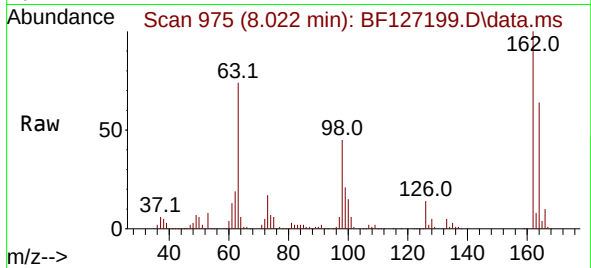
98 44.7 23.6 63.6

Manual Integrations

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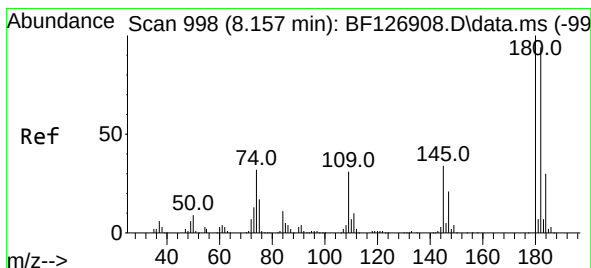
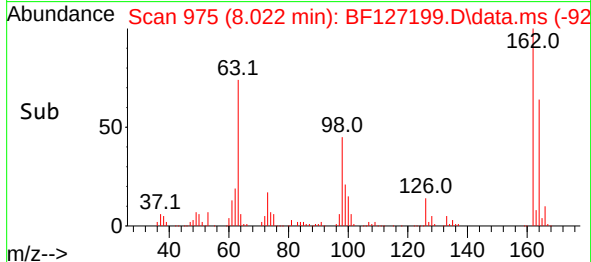
Supervised By :Jagrut Upadhyay 03/07/2022



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Supervised By :Jagrut Upadhyay

03/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.661 ng

RT: 8.104 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

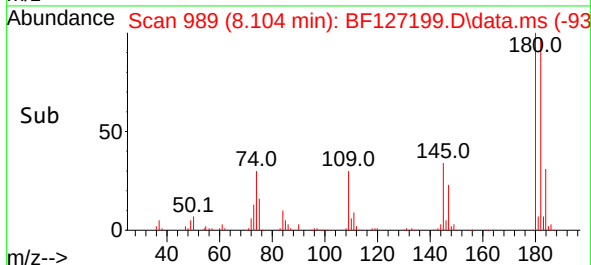
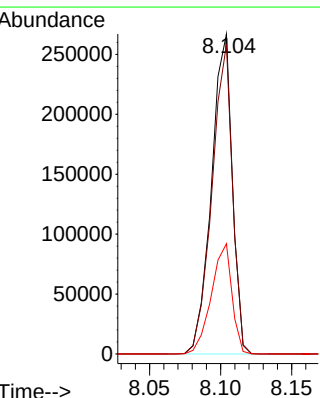
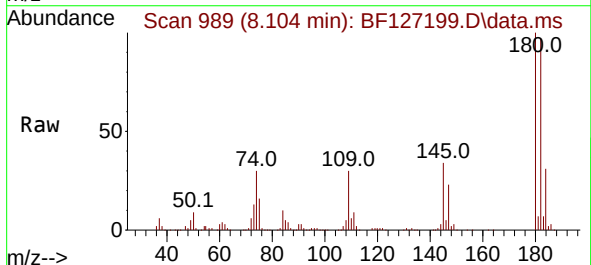
Tgt Ion:180 Resp: 271093

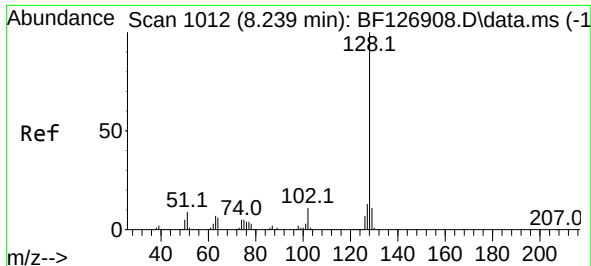
Ion Ratio Lower Upper

180 100

182 96.8 75.5 113.3

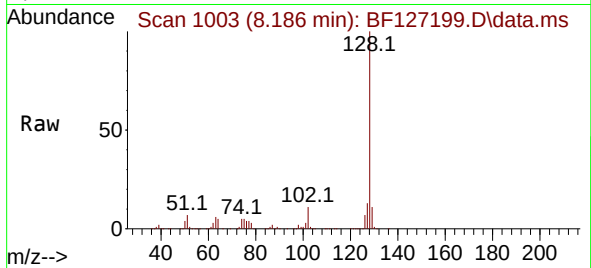
145 34.5 26.2 39.2





#31
Naphthalene
Concen: 45.834 ng
RT: 8.186 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

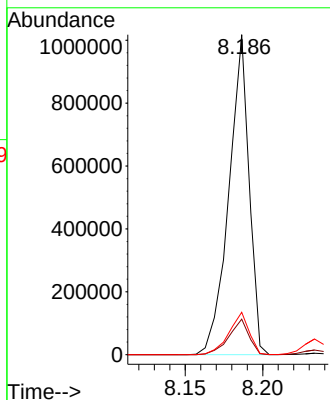
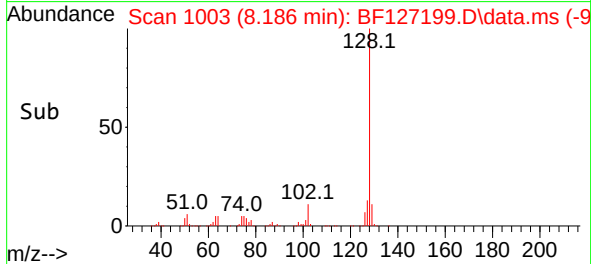
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion:128 Resp: 923209
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.3 15.5

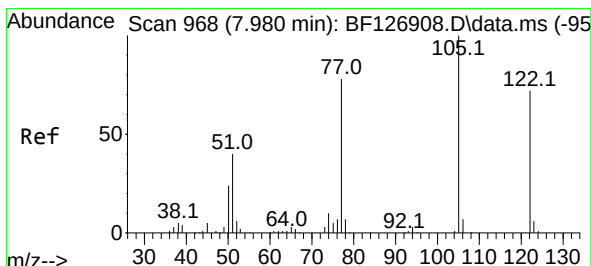
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Supervised By :Jagrut Upadhyay 03/07/2022



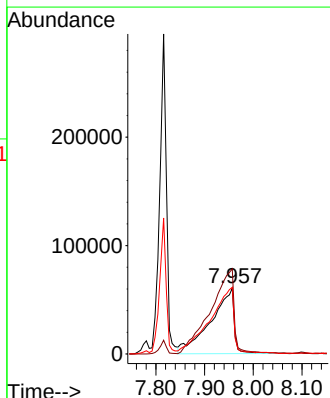
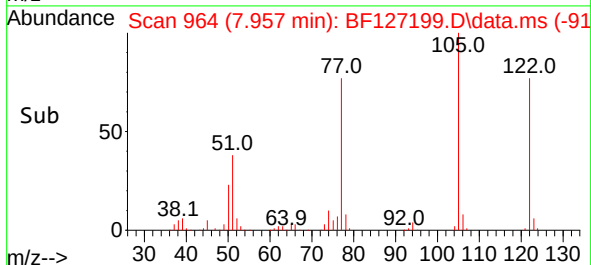
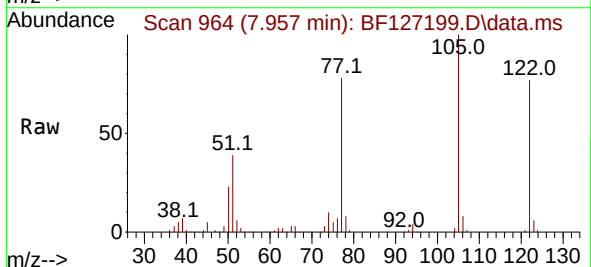
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Upadhyay

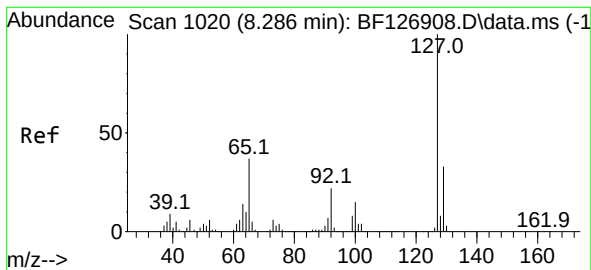
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#32
Benzoic acid
Concen: 50.265 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.018 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Tgt Ion:122 Resp: 201352
Ion Ratio Lower Upper
122 100
105 129.7 101.0 141.0
77 101.4 74.5 114.5





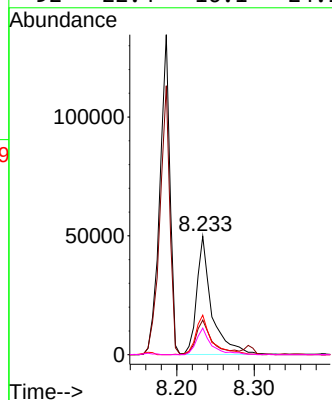
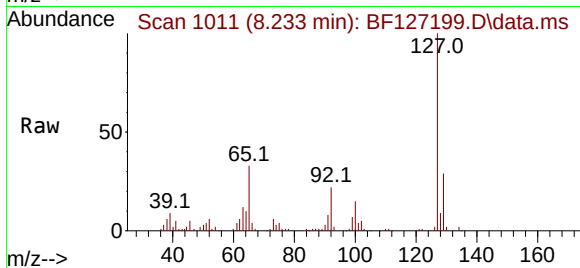
#33
4-Chloroaniline
Concen: 8.406 ng
RT: 8.233 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :
BNA_F
ClientSampleId :
DUM-17MSD

Tgt Ion:127	Resp: 6664
Ion Ratio	Lower Upper
127 100	
129 29.2	26.5 39.7
65 33.4	26.6 39.8
92 22.4	16.1 24.1

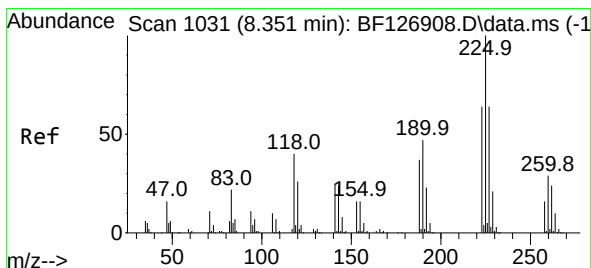
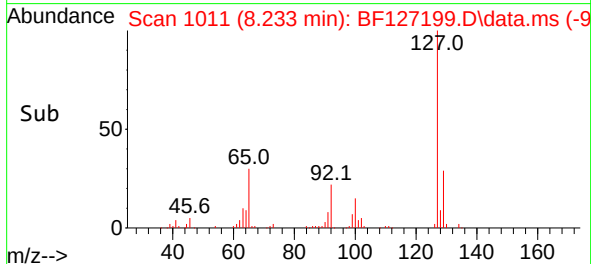
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Supervised By :Jagrut Upadhyay 03/07/2022



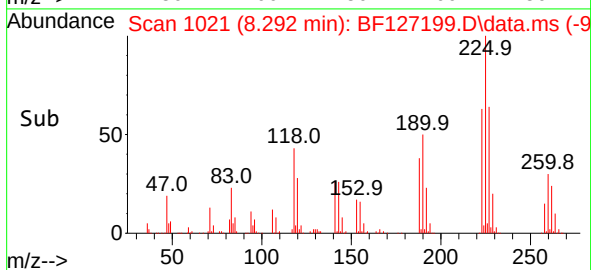
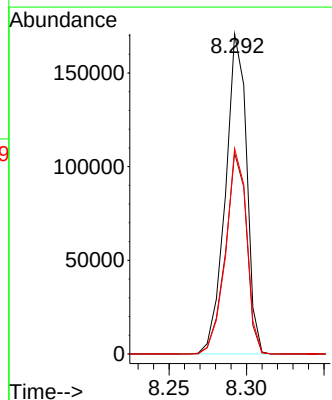
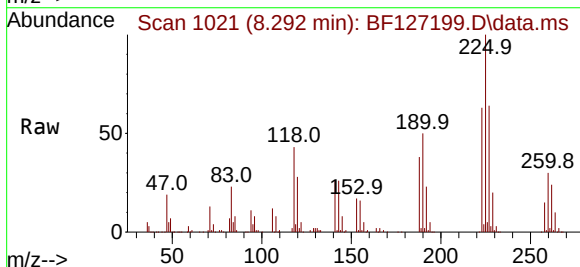
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Upadhyay

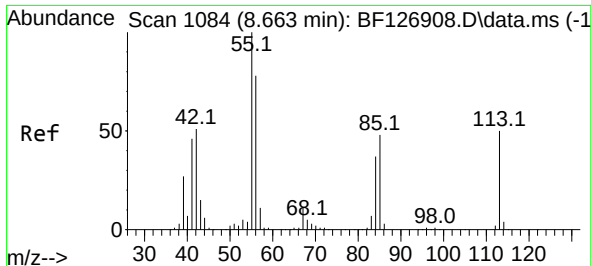
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#34
Hexachlorobutadiene
Concen: 46.871 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

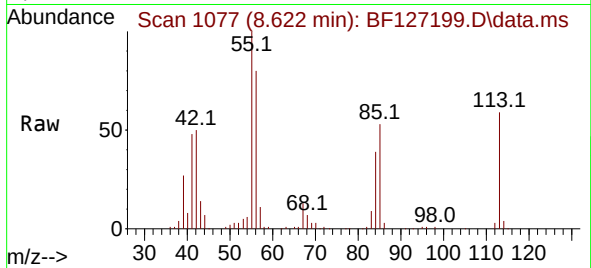
Tgt Ion:225	Resp: 162461
Ion Ratio	Lower Upper
225 100	
223 62.8	48.6 73.0
227 64.2	51.4 77.0





#35
Caprolactam
Concen: 40.785 ng m
RT: 8.622 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

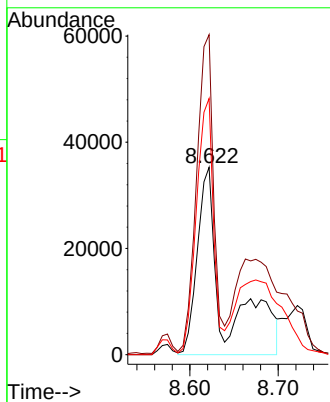
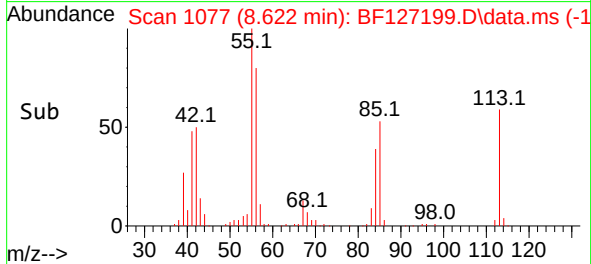
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion:113 Resp: 7563
Ion Ratio Lower Upper
113 100
55 170.8 183.9 223.9
56 136.7 129.9 169.9

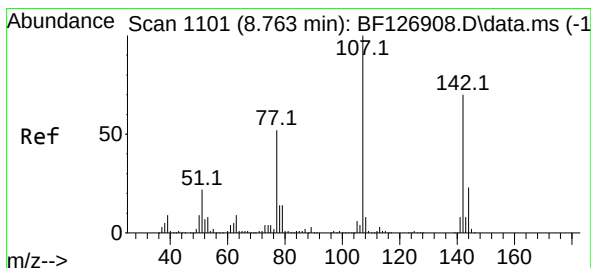
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Reviewed By :Christian Giraldo 03/07/2022
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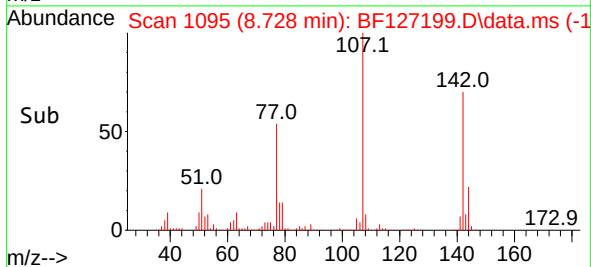
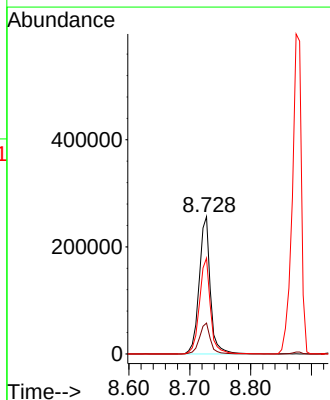
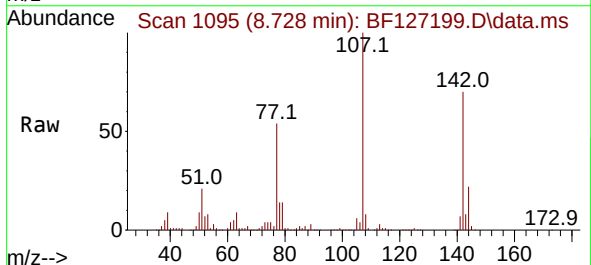
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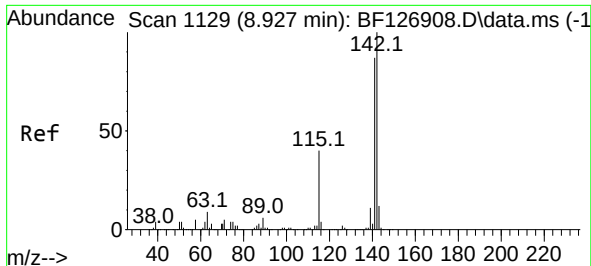
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#36
4-Chloro-3-methylphenol
Concen: 48.042 ng
RT: 8.728 min Scan# 1095
Delta R.T. 0.012 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Tgt Ion:107 Resp: 326053
Ion Ratio Lower Upper
107 100
144 22.5 18.5 27.7
142 69.7 58.1 87.1





#37

2-Methylnaphthalene

Concen: 47.753 ng

RT: 8.875 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

DUM-17MSD

Tgt Ion:142 Resp: 624128

Ion Ratio Lower Upper

142 100

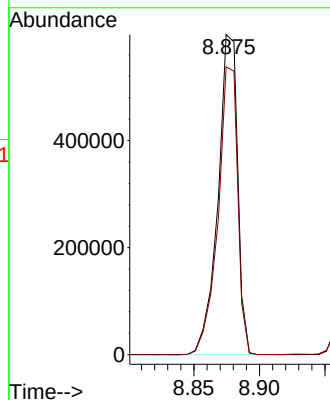
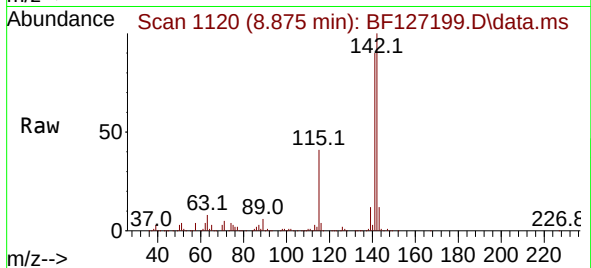
141 90.0 68.6 102.8

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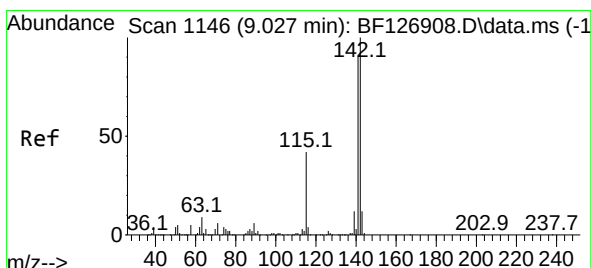
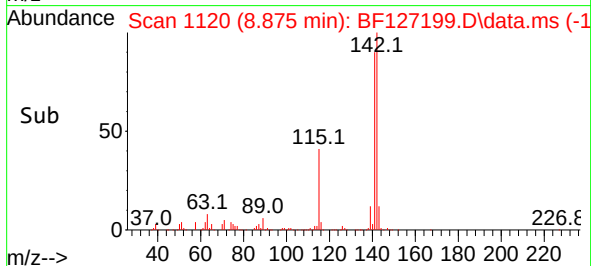


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#38

1-Methylnaphthalene

Concen: 47.326 ng

RT: 8.975 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF127199.D

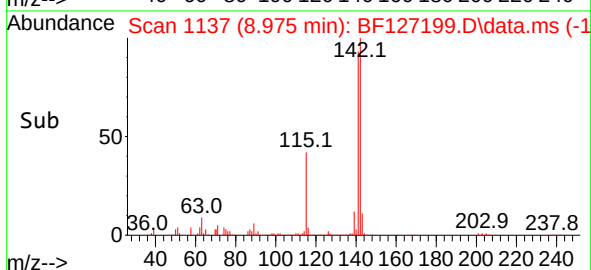
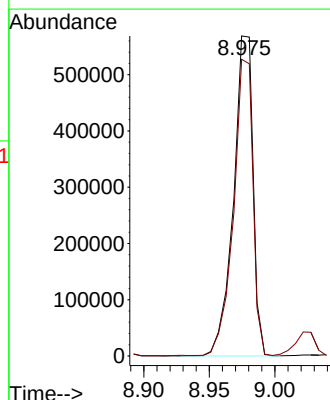
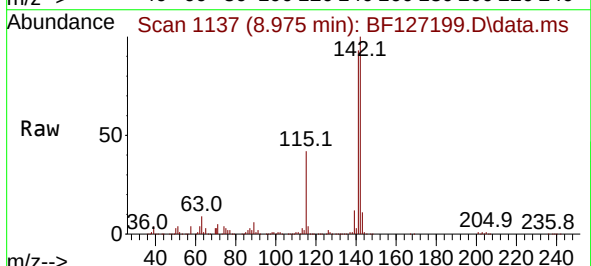
Acq: 04 Mar 2022 14:25

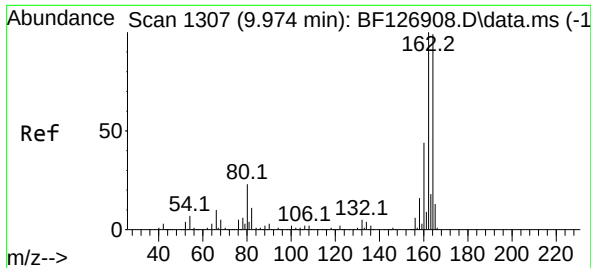
Tgt Ion:142 Resp: 592320

Ion Ratio Lower Upper

142 100

141 92.7 72.1 108.1





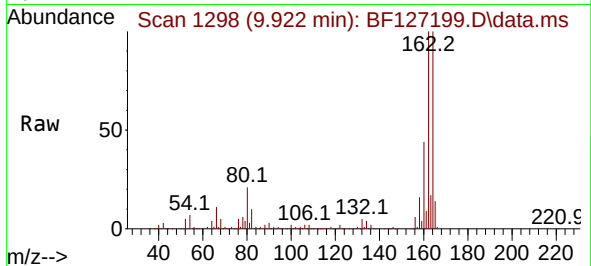
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

DUM-17MSD

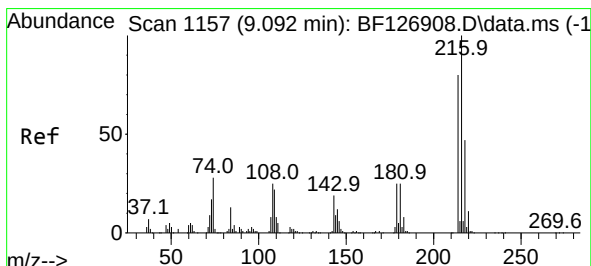
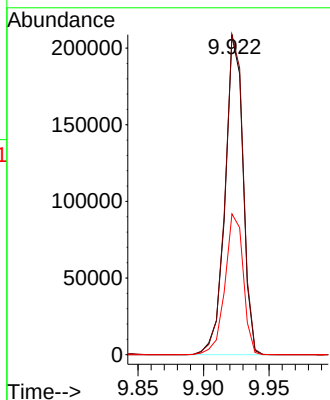
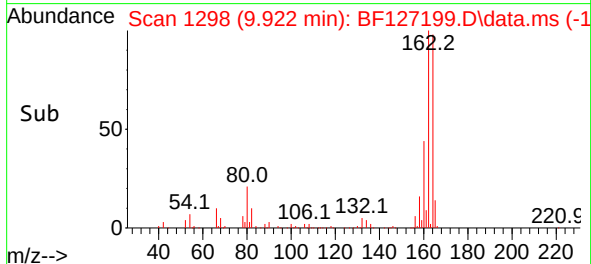


Tgt Ion:164 Resp: 197270
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.1 36.6 54.8

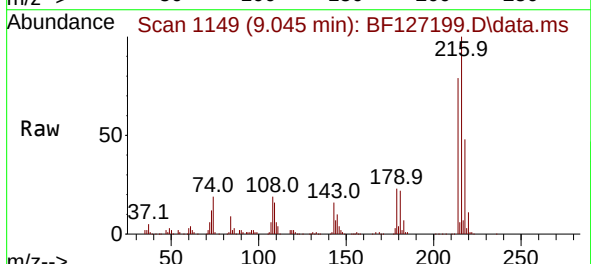
Manual Integrations

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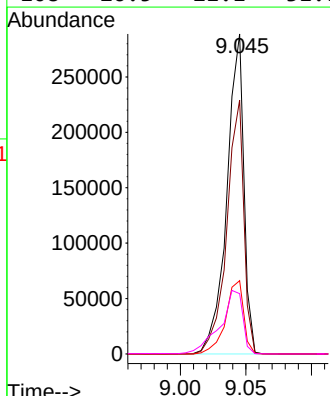
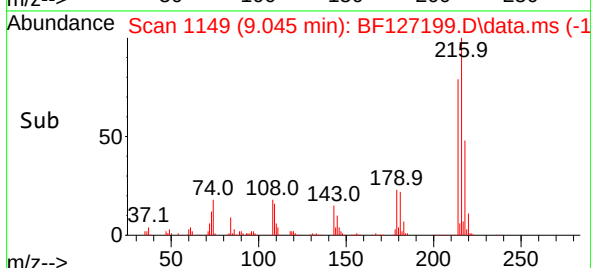
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

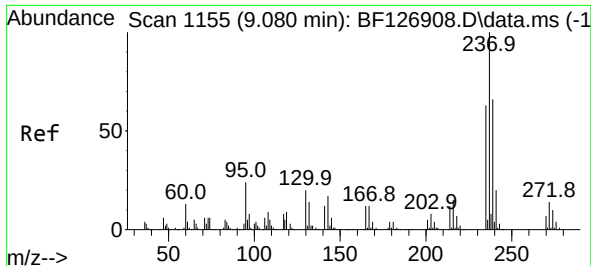


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.217 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



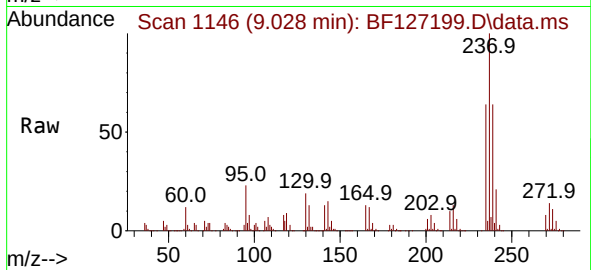
Tgt Ion:216 Resp: 260777
Ion Ratio Lower Upper
216 100
214 79.2 64.6 96.8
179 24.2 19.5 29.3
108 26.5 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 109.882 ng
RT: 9.028 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

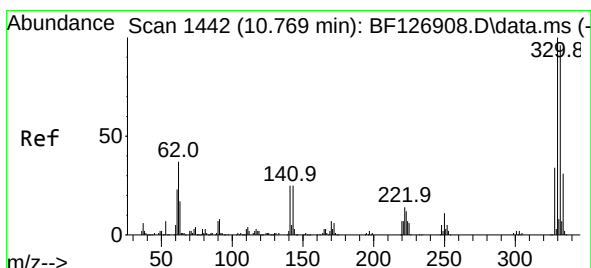
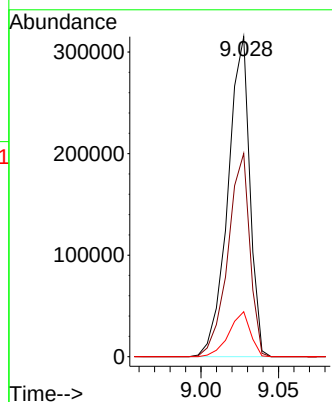
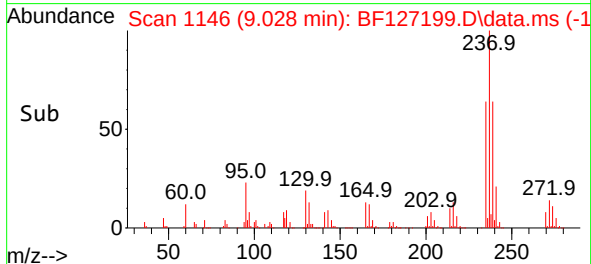
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



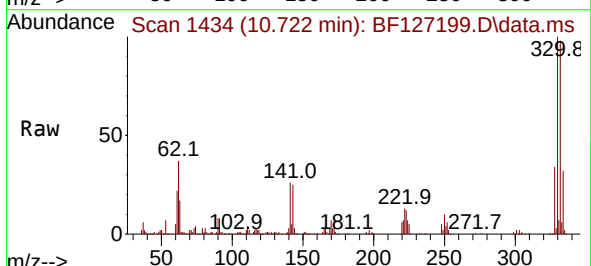
Tgt Ion: 237 Resp: 309482
Ion Ratio Lower Upper
237 100
235 63.5 38.9 78.9
272 14.1 0.0 33.5

Manual Integrations
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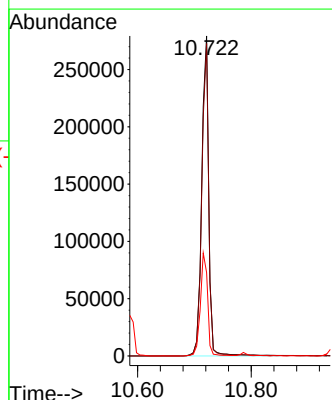
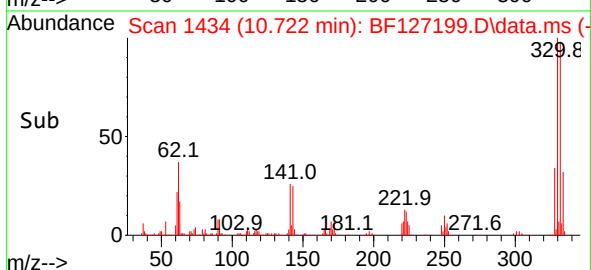
Reviewed By : Christian Giraldo 03/07/2022
Supervised By : Jagrut Upadhyay 03/07/2022

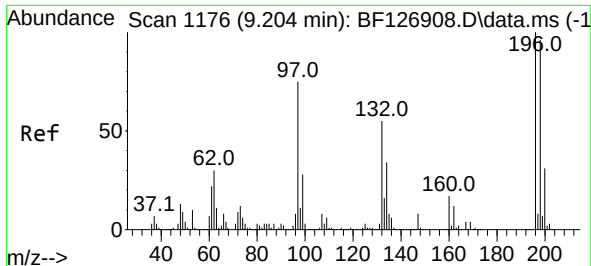


#42
2,4,6-Tribromophenol
Concen: 105.215 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



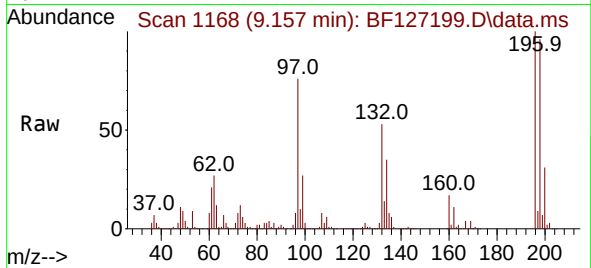
Tgt Ion: 330 Resp: 238982
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 33.5 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 47.702 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

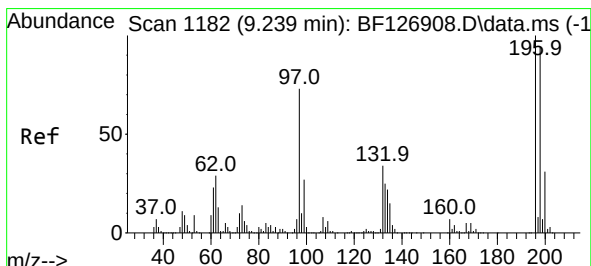
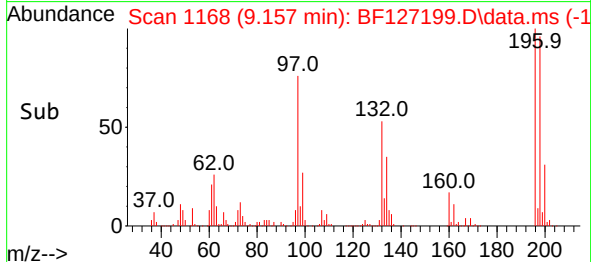
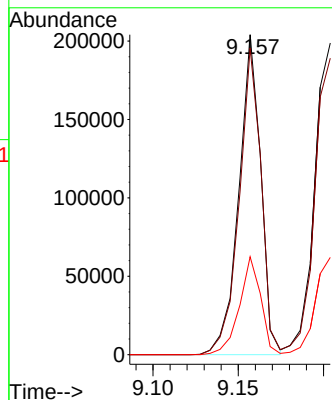
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion:196 Resp: 18168
Ion Ratio Lower Upper
196 100
198 95.8 78.5 117.7
200 30.6 24.9 37.3

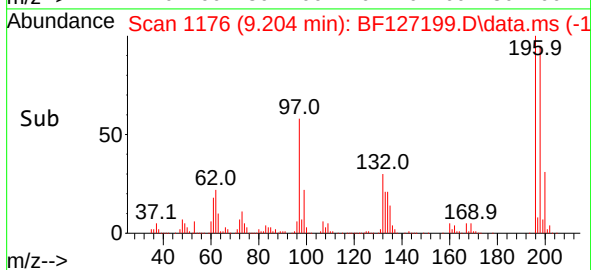
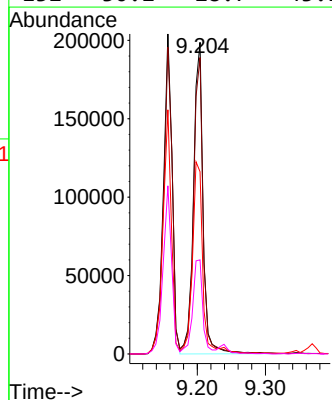
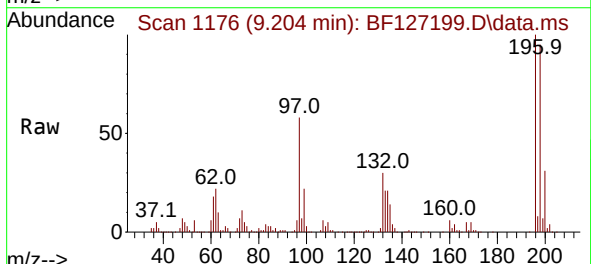
Manual Integrations
APPROVED

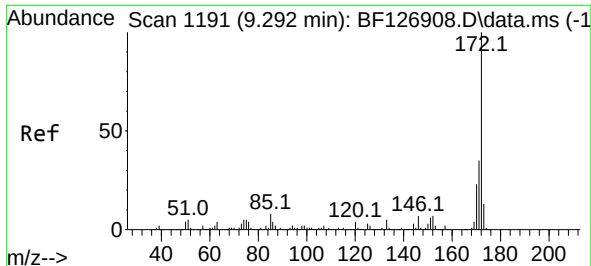
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#44
2,4,5-Trichlorophenol
Concen: 48.029 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

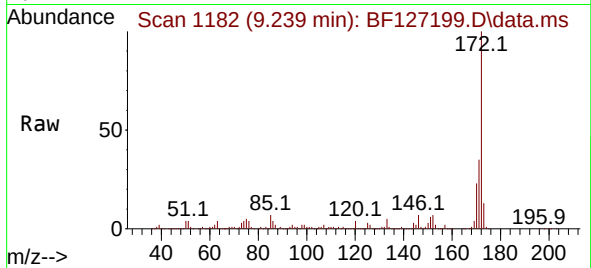
Tgt Ion:196 Resp: 192499
Ion Ratio Lower Upper
196 100
198 95.1 82.0 123.0
97 58.5 53.5 80.3
132 30.2 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 64.298 ng
RT: 9.239 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

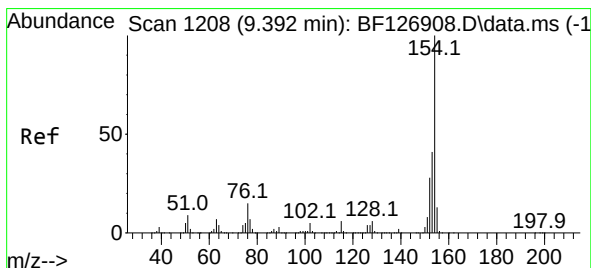
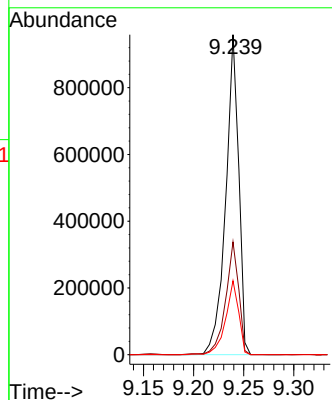
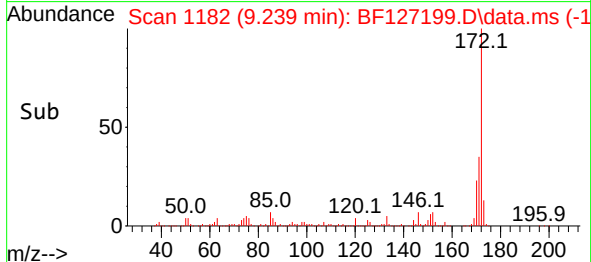
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



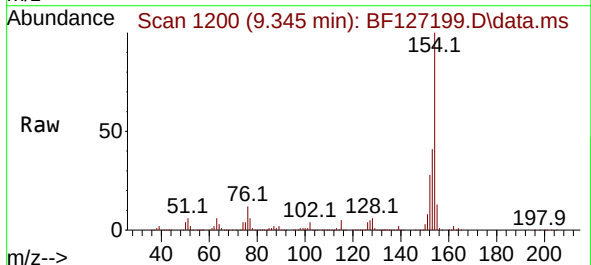
Tgt Ion:172 Resp: 861622
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 19.0 28.6

Manual Integrations
APPROVED

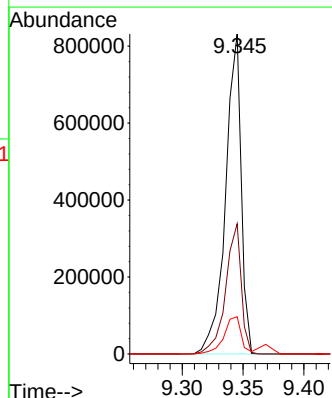
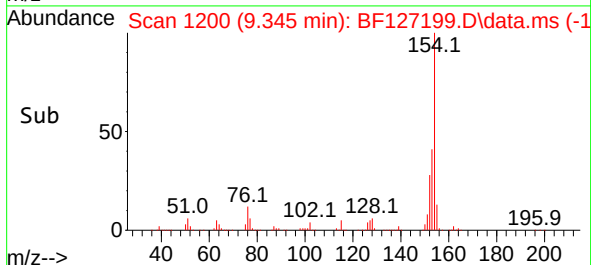
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

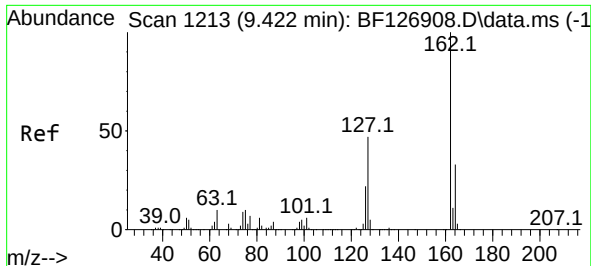


#46
1,1'-Biphenyl
Concen: 47.483 ng
RT: 9.345 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



Tgt Ion:154 Resp: 742149
Ion Ratio Lower Upper
154 100
153 40.7 19.0 59.0
76 11.6 0.0 34.5





#47

2-Chloronaphthalene

Concen: 47.536 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

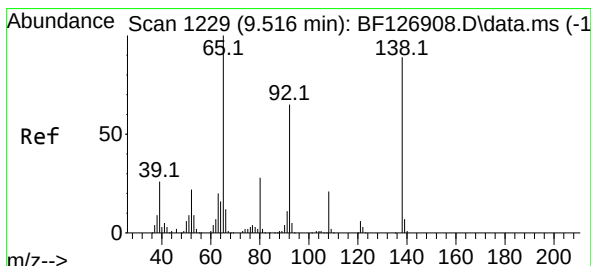
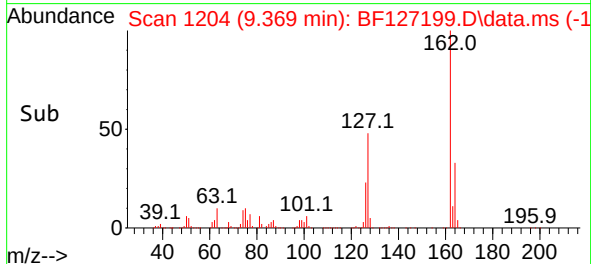
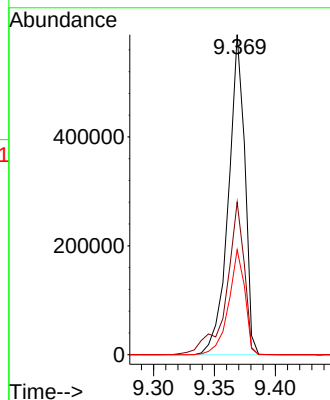
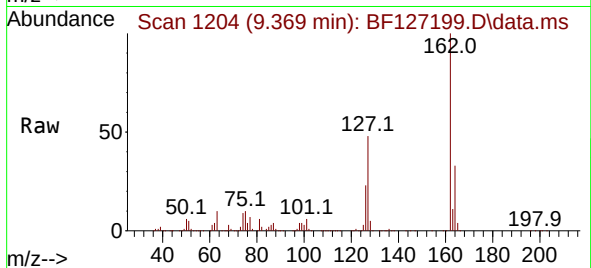
DUM-17MSD

Tgt Ion:	162	Resp:	55096
Ion Ratio	Lower	Upper	
162	100		
127	47.7	33.5	50.3
164	32.8	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#48

2-Nitroaniline

Concen: 44.062 ng

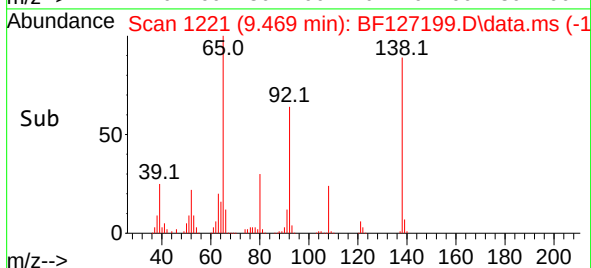
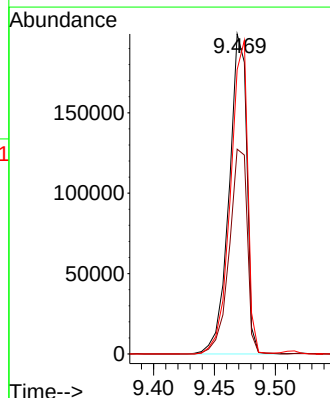
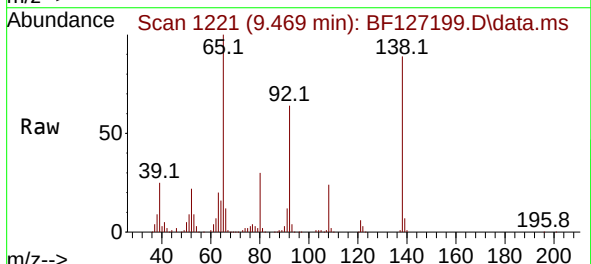
RT: 9.469 min Scan# 1221

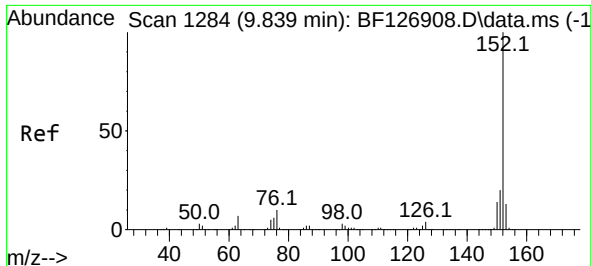
Delta R.T. -0.000 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

Tgt Ion:	65	Resp:	201528
Ion Ratio	Lower	Upper	
65	100		
92	64.0	54.4	81.6
138	88.9	72.5	108.7





#49

Acenaphthylene

Concen: 48.546 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

DUM-17MSD

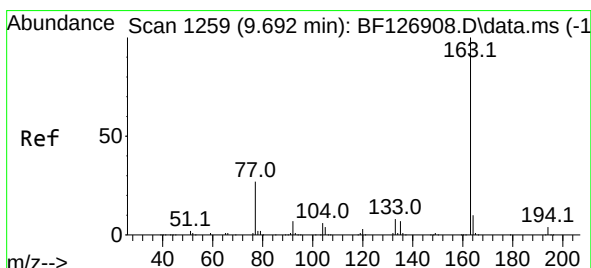
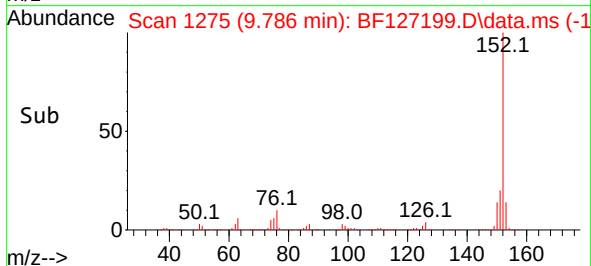
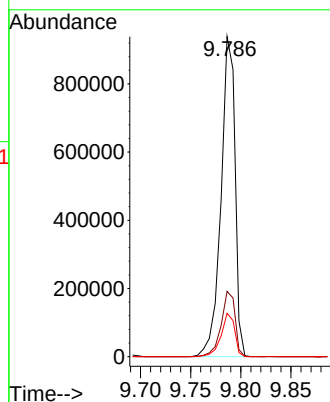
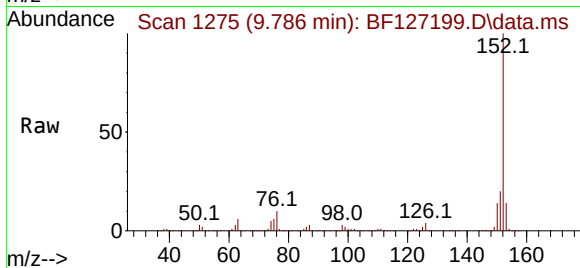
Tgt Ion:	152	Resp:	913984
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.7	23.5
153	13.6	11.4	17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#50

Dimethylphthalate

Concen: 47.182 ng

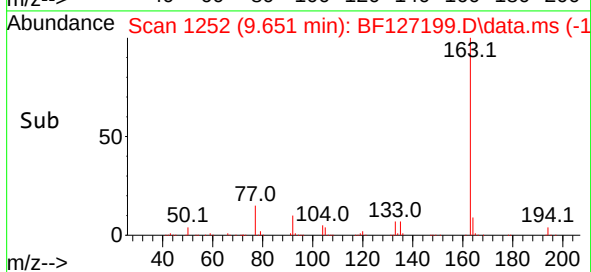
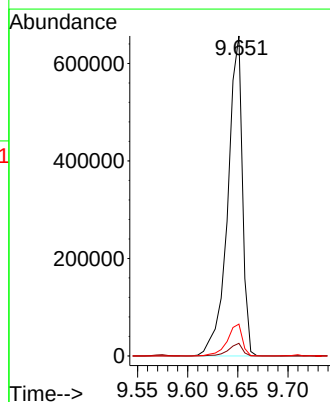
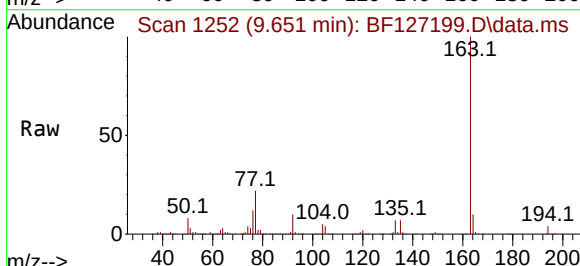
RT: 9.651 min Scan# 1252

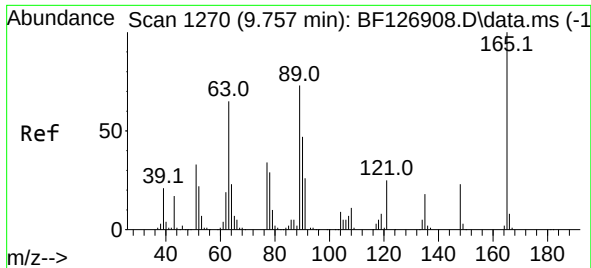
Delta R.T. 0.006 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

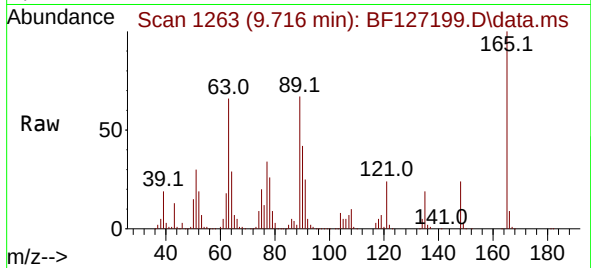
Tgt Ion:	163	Resp:	665313
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.6	3.8#
164	9.9	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 49.248 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

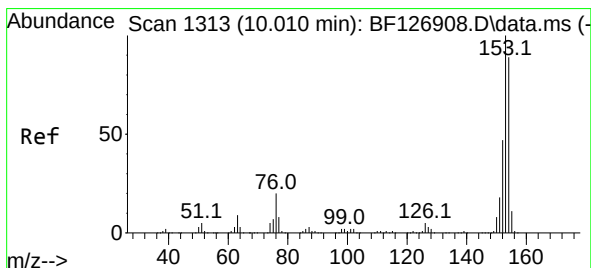
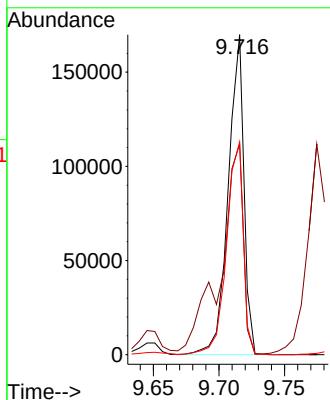
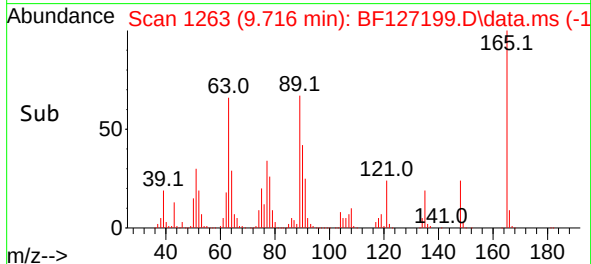
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



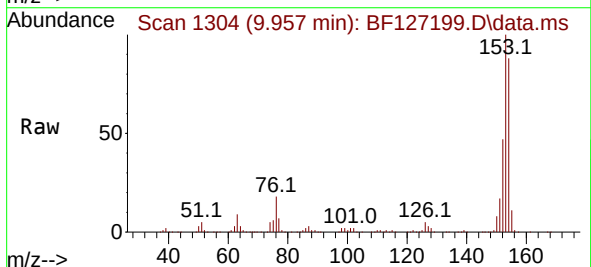
Tgt Ion:165 Resp: 141289
Ion Ratio Lower Upper
165 100
63 65.8 48.4 72.6
89 66.5 50.5 75.7

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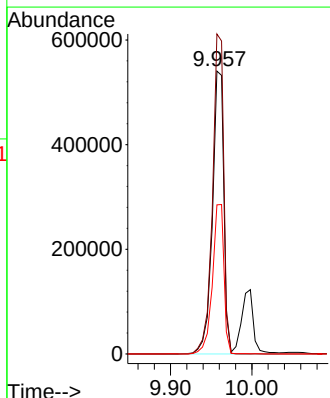
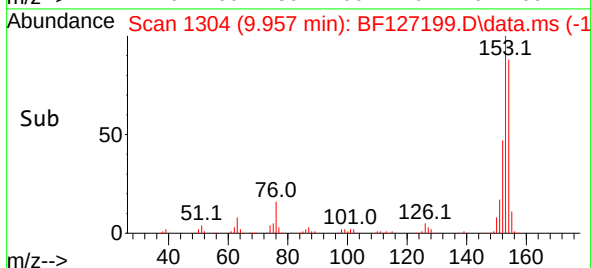
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

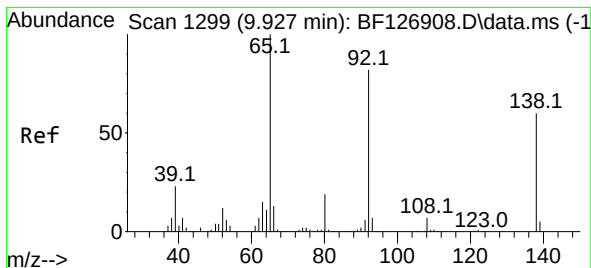


#52
Acenaphthene
Concen: 53.411 ng m
RT: 9.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



Tgt Ion:154 Resp: 653977
Ion Ratio Lower Upper
154 100
153 113.1 87.8 131.6
152 52.7 39.4 59.2





#53
3-Nitroaniline
Concen: 20.327 ng
RT: 9.880 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

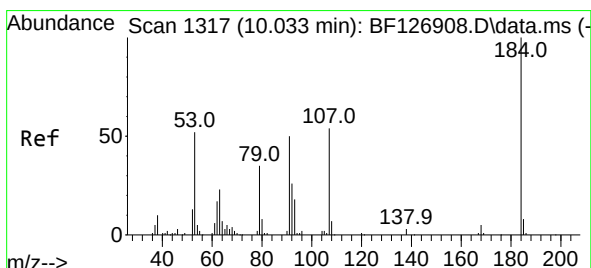
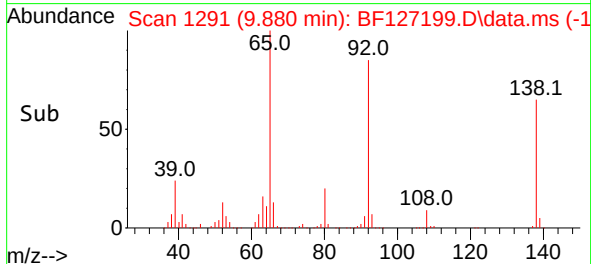
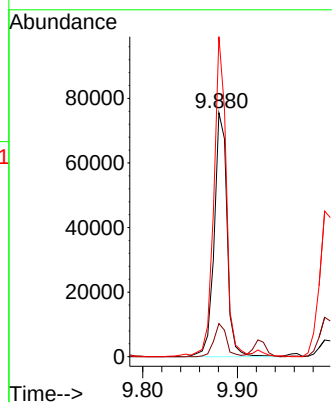
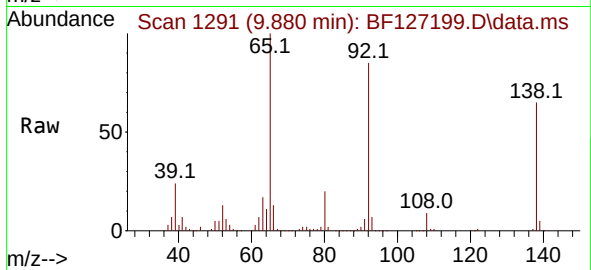
DUM-17MSD

Tgt Ion:138 Resp: 71285
Ion Ratio Lower Upper
138 100
108 13.6 8.6 13.0
92 131.3 105.0 157.6

Manual Integrations

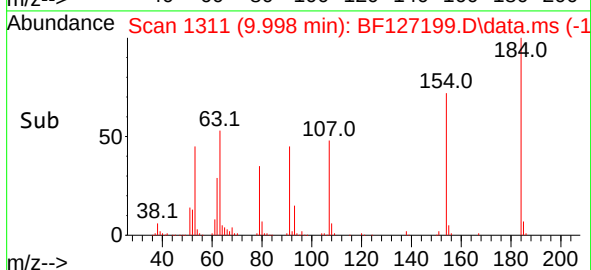
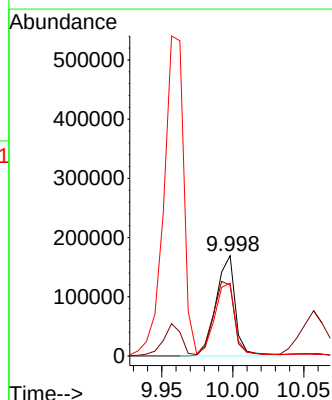
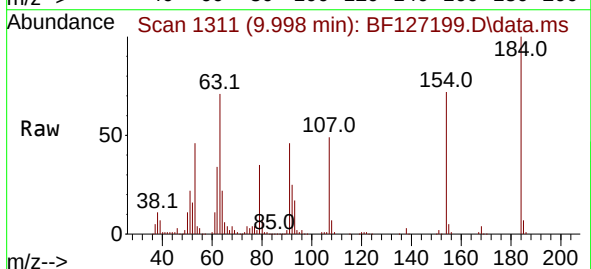
APPROVED

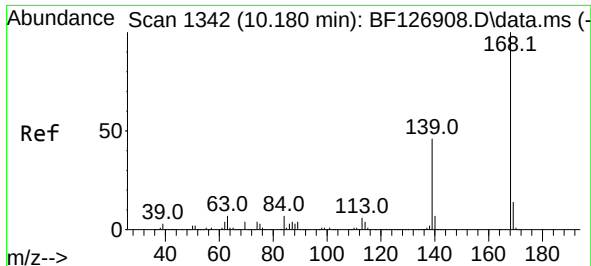
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#54
2,4-Dinitrophenol
Concen: 105.408 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Tgt Ion:184 Resp: 160062
Ion Ratio Lower Upper
184 100
63 70.6 70.4 105.6
154 72.5 49.7 74.5





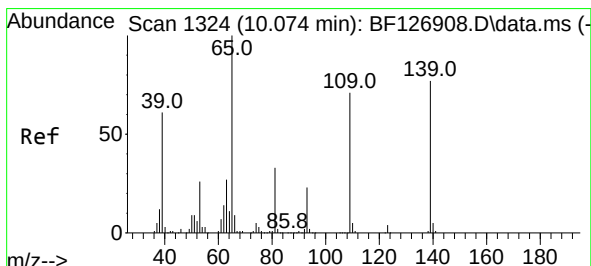
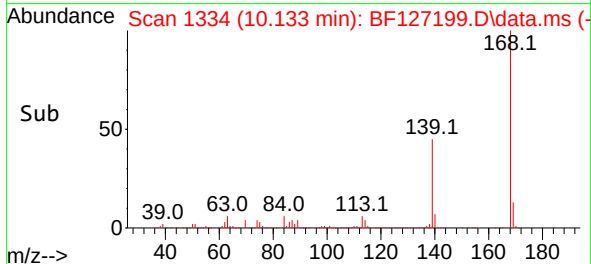
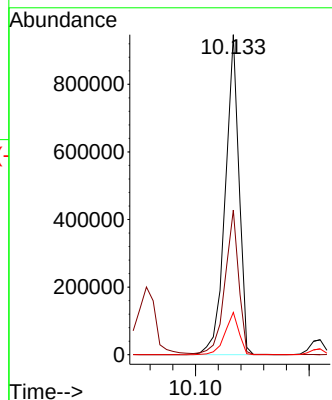
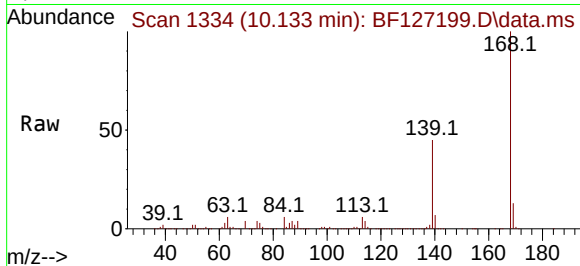
#55
Dibenzenofuran
Concen: 47.297 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :
BNA_F
ClientSampleId :
DUM-17MSD

Tgt Ion:168 Resp: 796320
Ion Ratio Lower Upper
168 100
139 45.2 30.6 46.0
169 13.2 10.0 15.0

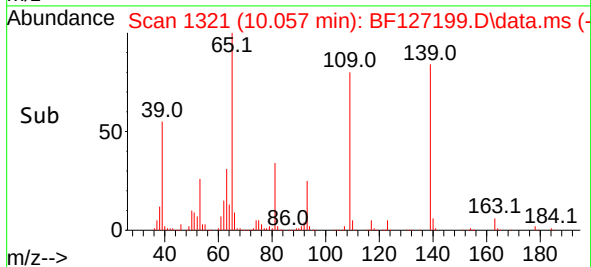
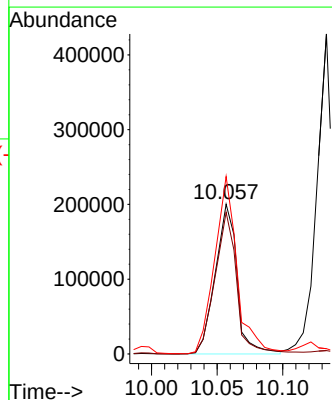
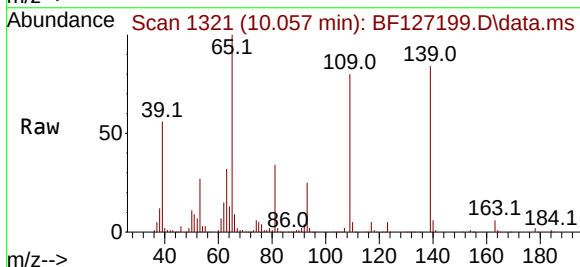
Manual Integrations
APPROVED

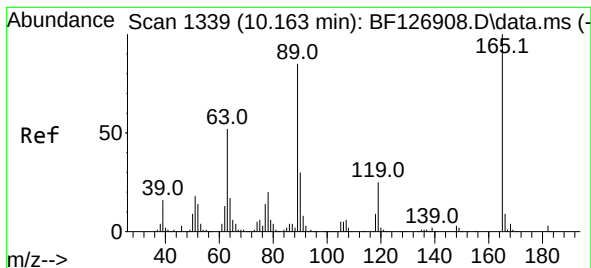
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#56
4-Nitrophenol
Concen: 89.104 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Tgt Ion:139 Resp: 230791
Ion Ratio Lower Upper
139 100
109 94.6 44.1 84.1#
65 118.5 85.5 125.5





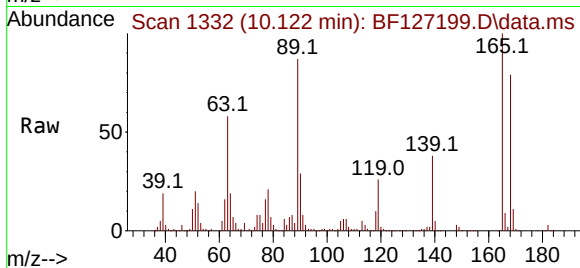
#57
2,4-Dinitrotoluene
Concen: 51.509 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

DUM-17MSD

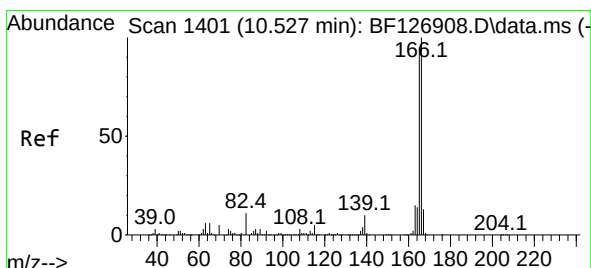
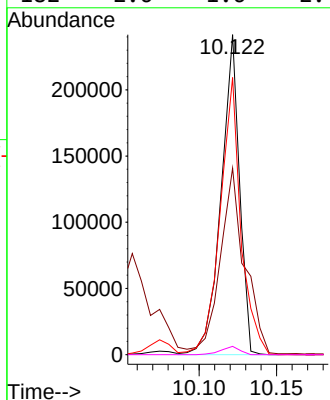
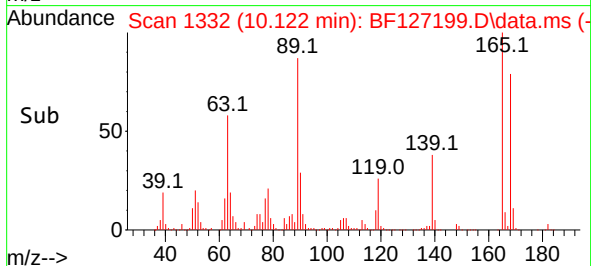


Tgt Ion:165 Resp: 199809
Ion Ratio Lower Upper
165 100
63 58.3 43.0 64.6
89 86.6 71.0 106.4
182 2.6 1.6 2.4#

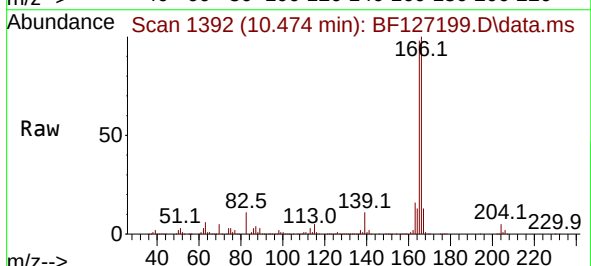
Manual Integrations

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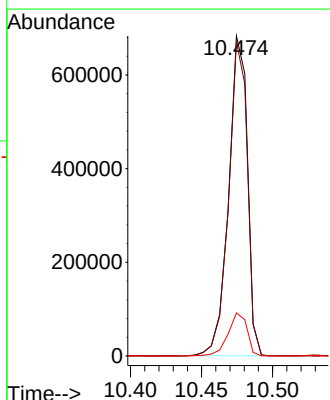
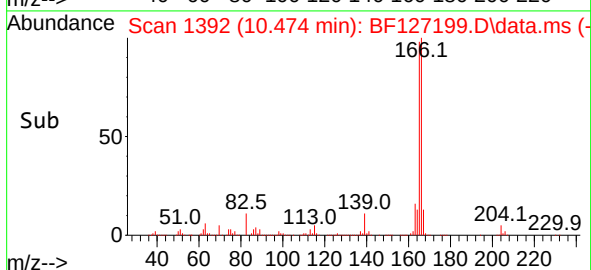
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

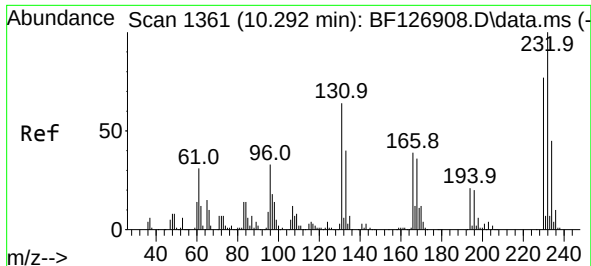


#58
Fluorene
Concen: 47.923 ng
RT: 10.474 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



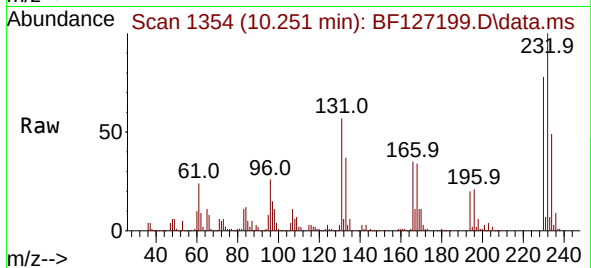
Tgt Ion:166 Resp: 628494
Ion Ratio Lower Upper
166 100
165 98.2 77.7 116.5
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.839 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

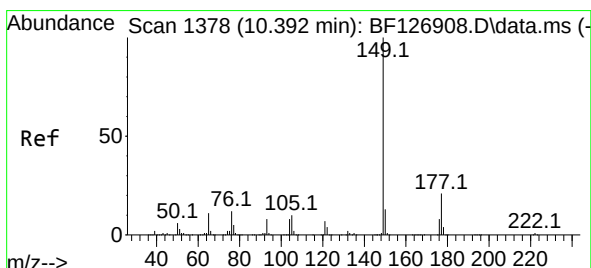
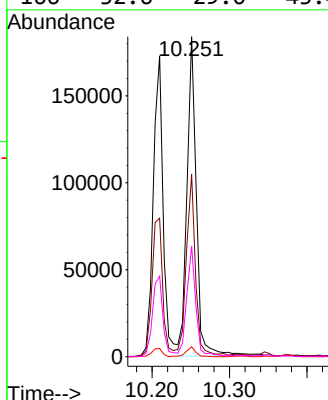
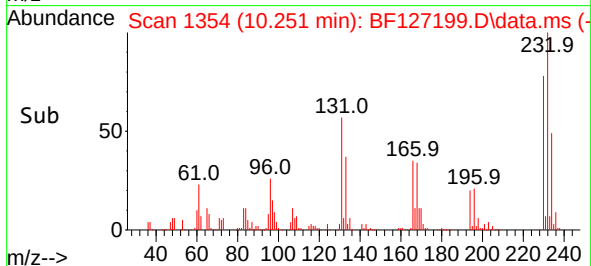
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



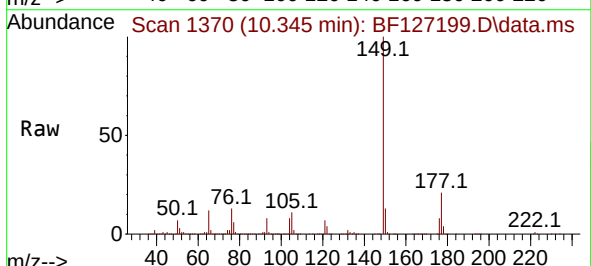
Tgt Ion:232 Resp: 15518
Ion Ratio Lower Upper
232 100
131 55.3 50.0 75.0
130 3.0 2.2 3.2
166 32.6 29.0 43.4

Manual Integrations
APPROVED

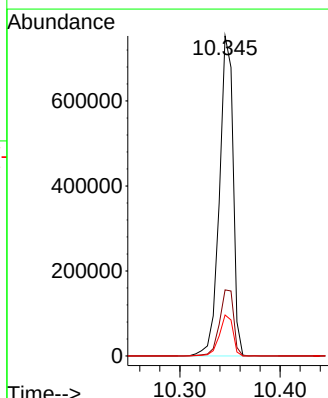
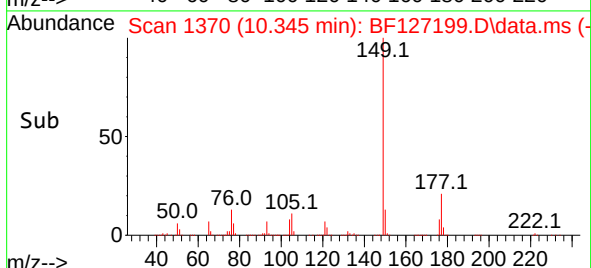
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

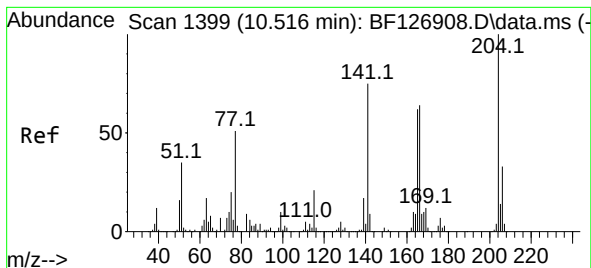


#60
Diethylphthalate
Concen: 48.179 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



Tgt Ion:149 Resp: 709881
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.8 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 48.148 ng
RT: 10.463 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

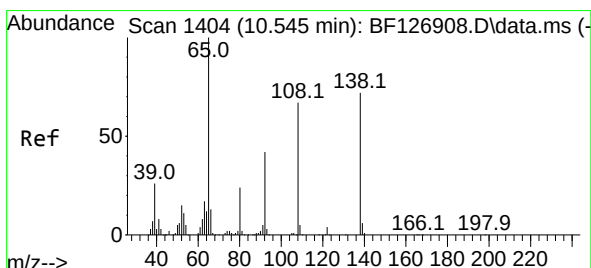
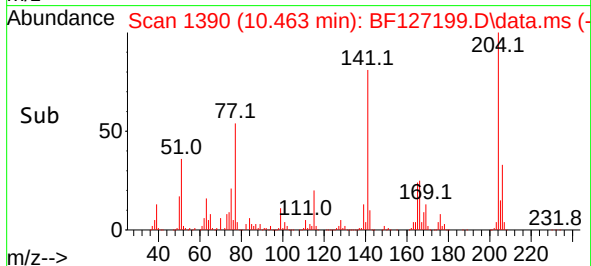
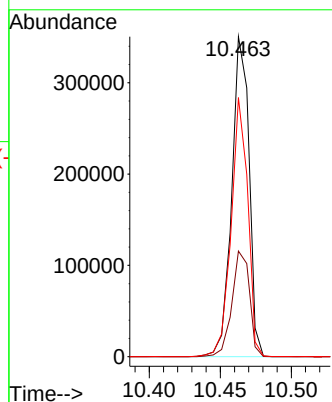
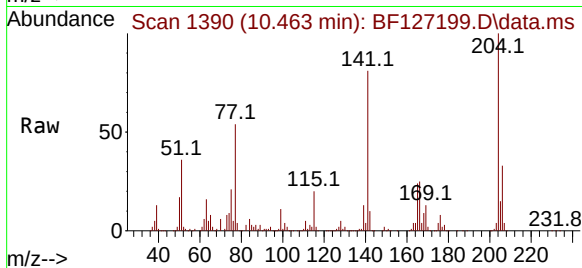
DUM-17MSD

Tgt Ion:204 Resp: 297752
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 81.0 59.0 88.6

Manual Integrations

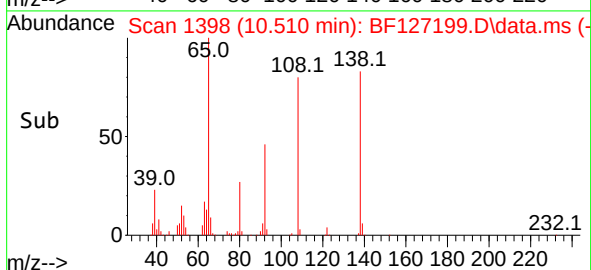
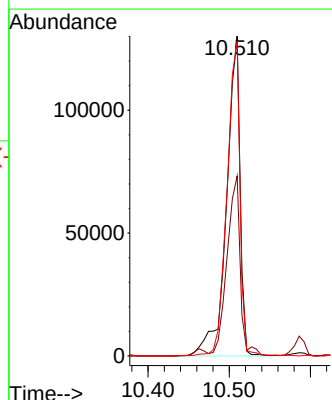
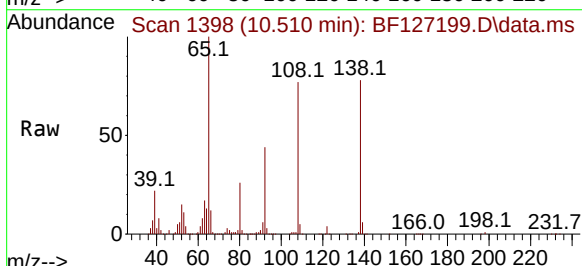
APPROVED

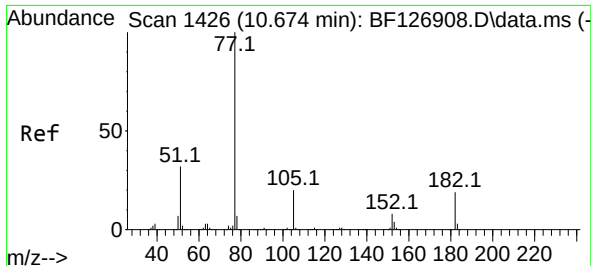
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#62
4-Nitroaniline
Concen: 43.773 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.012 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

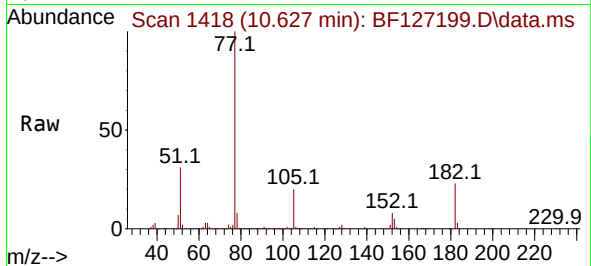
Tgt Ion:138 Resp: 151587
Ion Ratio Lower Upper
138 100
92 56.3 36.2 76.2
108 98.3 46.7 86.7#





#63
Azobenzene
Concen: 42.985 ng
RT: 10.627 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

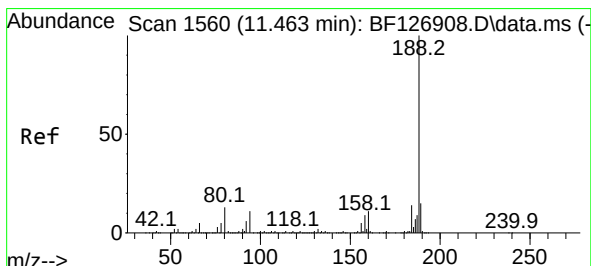
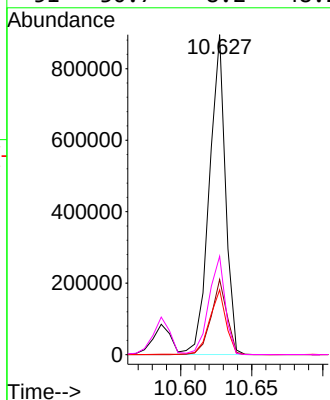
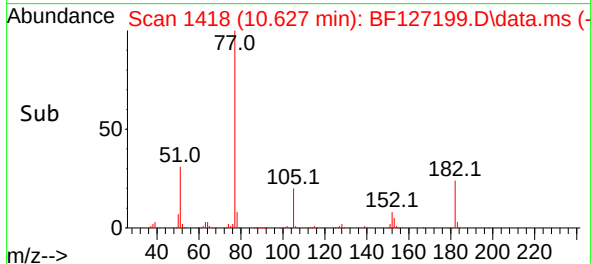
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion: 77 Resp: 705250
Ion Ratio Lower Upper
77 100
182 23.5 0.0 39.0
105 20.3 3.2 43.2
51 30.7 8.2 48.2

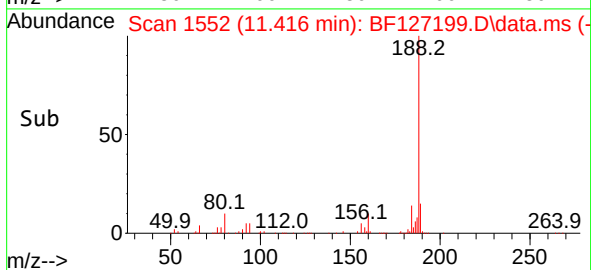
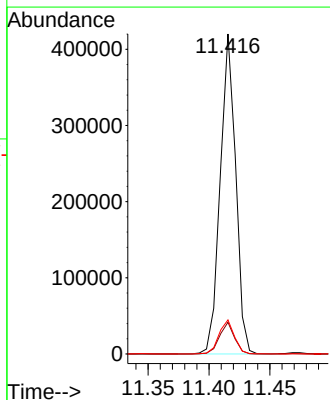
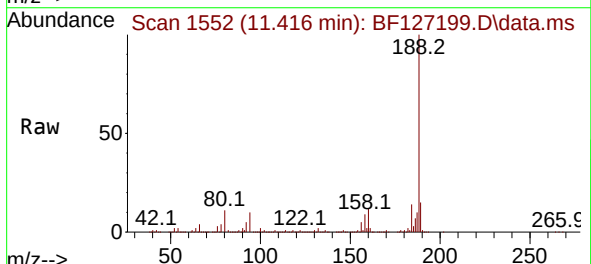
Manual Integrations
APPROVED

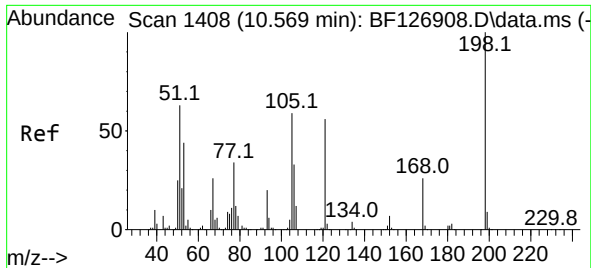
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

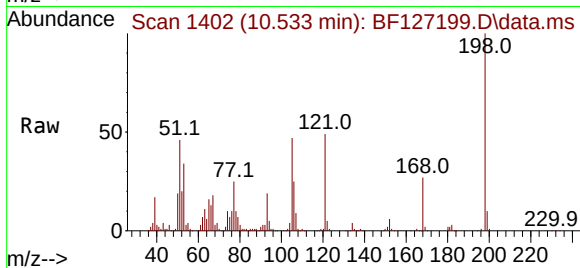
Tgt Ion:188 Resp: 372402
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 10.7 11.8 17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 46.085 ng
RT: 10.533 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

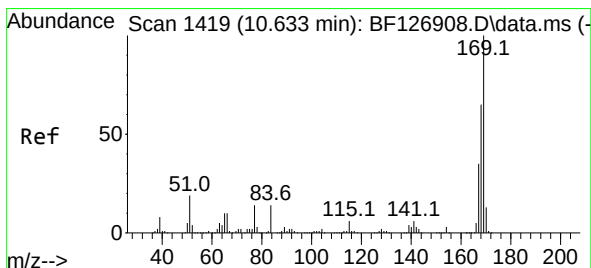
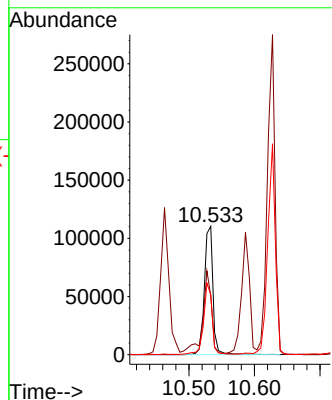
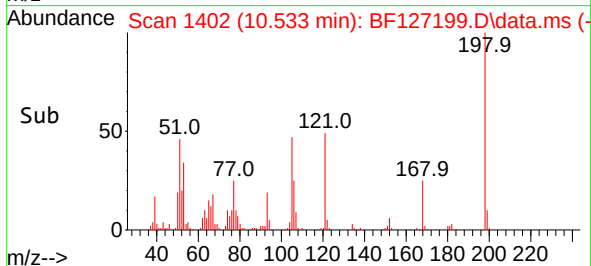
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion:198 Resp: 100839
Ion Ratio Lower Upper
198 100
51 45.8 32.0 72.0
105 46.8 32.7 72.7

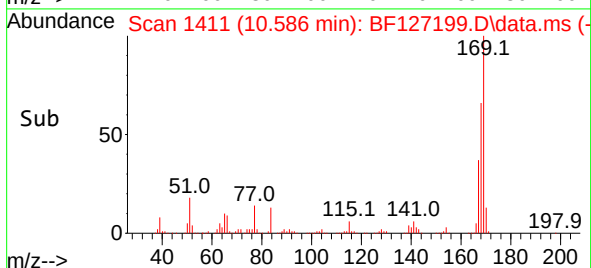
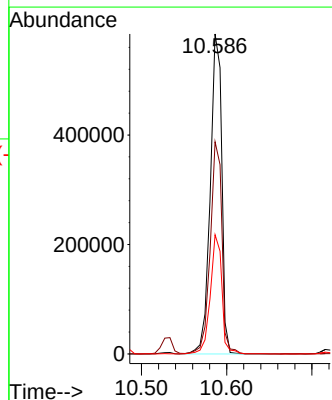
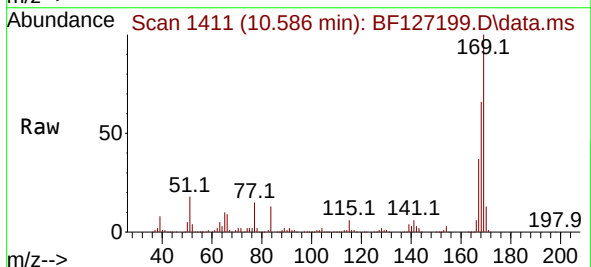
Manual Integrations
APPROVED

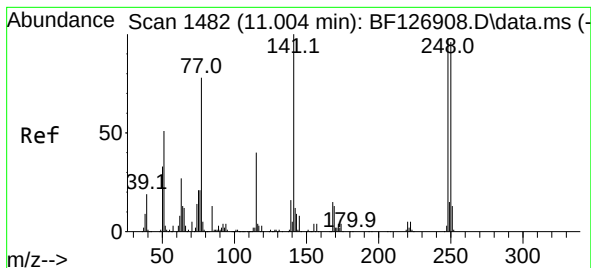
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#66
n-Nitrosodiphenylamine
Concen: 44.819 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

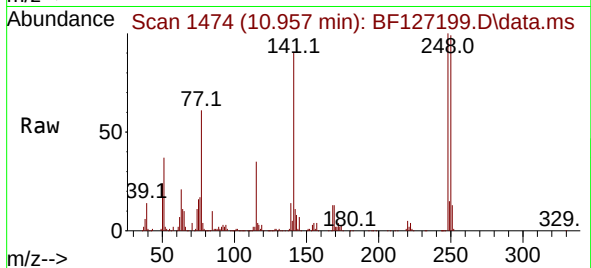
Tgt Ion:169 Resp: 547295
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 37.2 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 45.774 ng
RT: 10.957 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

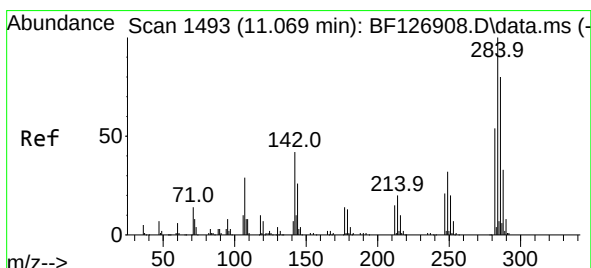
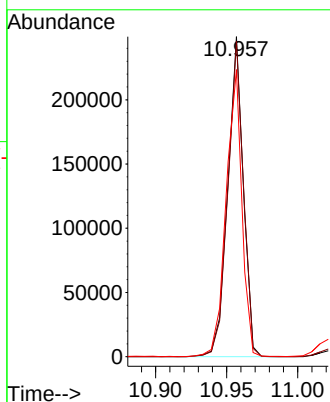
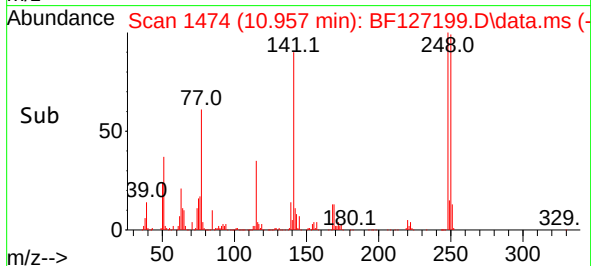
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion:248 Resp: 190458
Ion Ratio Lower Upper
248 100
250 98.6 76.2 114.4
141 89.7 66.2 99.4

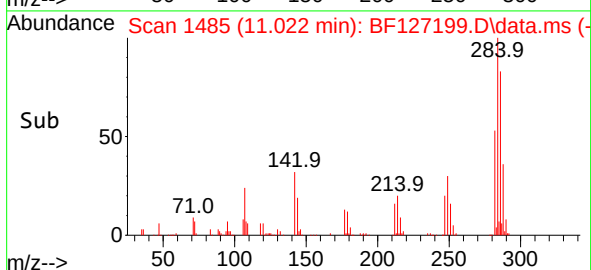
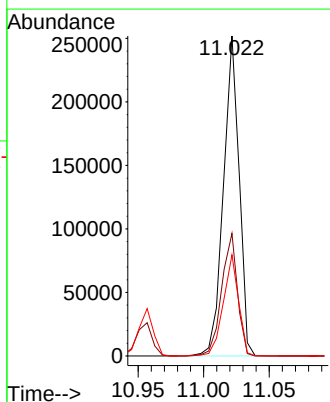
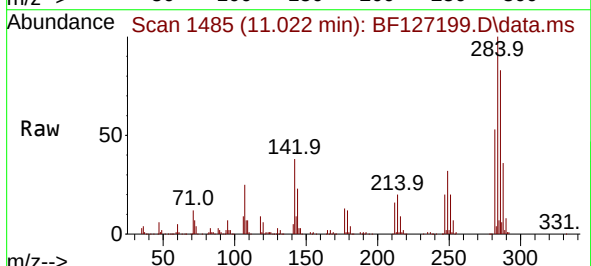
Manual Integrations
APPROVED

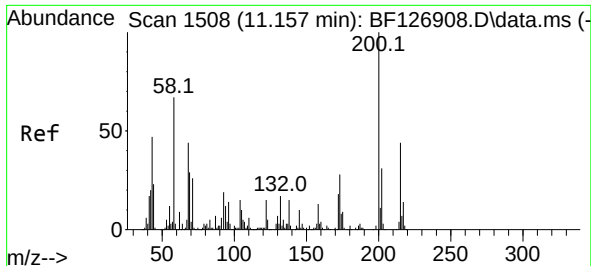
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#68
Hexachlorobenzene
Concen: 46.576 ng
RT: 11.022 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Tgt Ion:284 Resp: 208631
Ion Ratio Lower Upper
284 100
142 38.3 30.7 46.1
249 31.6 21.1 31.7





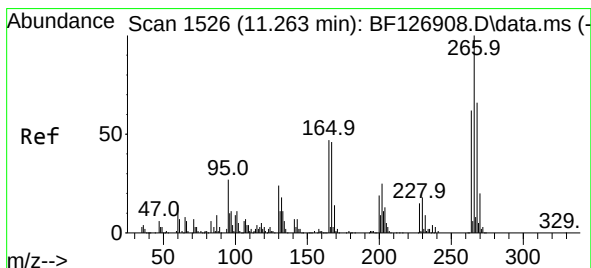
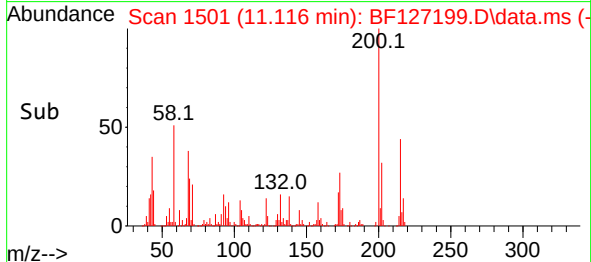
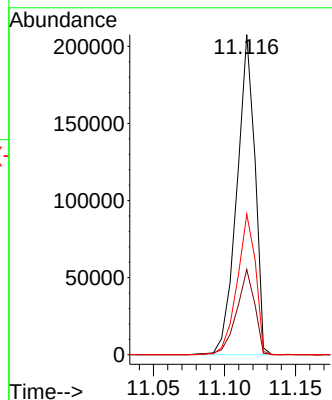
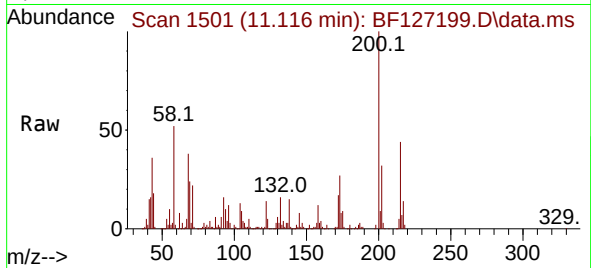
#69
Atrazine
Concen: 48.500 ng
RT: 11.116 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :
BNA_F
ClientSampleId :
DUM-17MSD

Tgt Ion:200 Resp: 183680
Ion Ratio Lower Upper
200 100
173 26.6 9.2 49.2
215 43.9 23.2 63.2

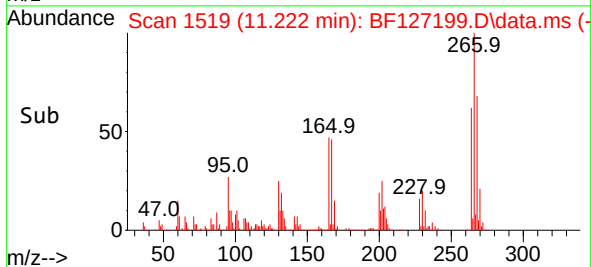
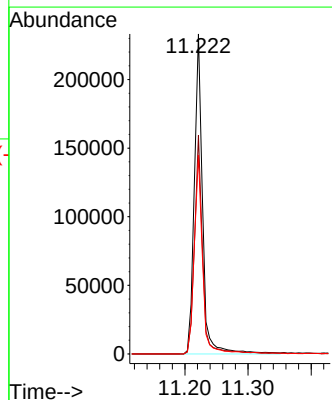
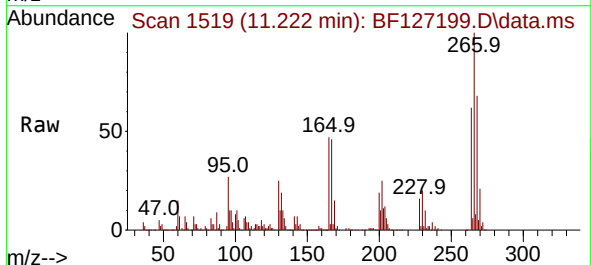
Manual Integrations
APPROVED

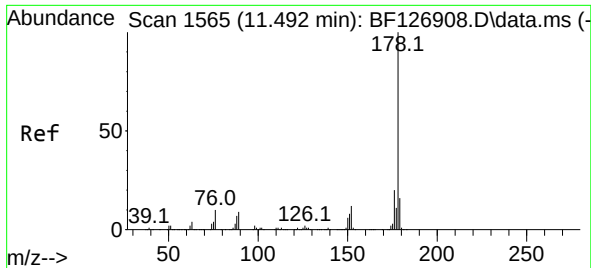
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#70
Pentachlorophenol
Concen: 86.805 ng
RT: 11.222 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Tgt Ion:266 Resp: 212253
Ion Ratio Lower Upper
266 100
268 68.4 52.3 78.5
264 62.1 50.4 75.6





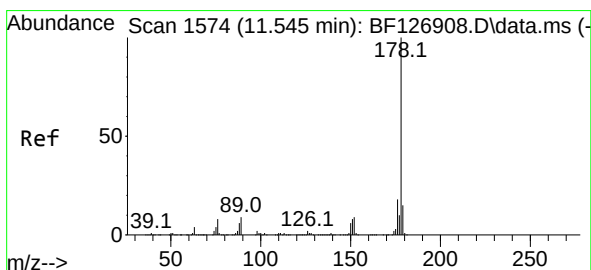
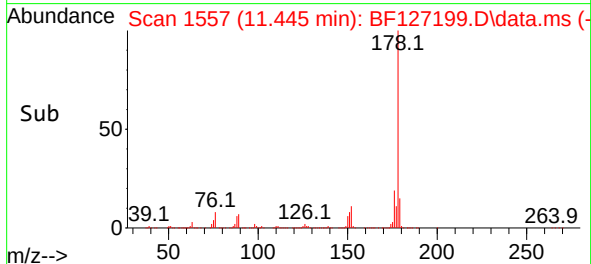
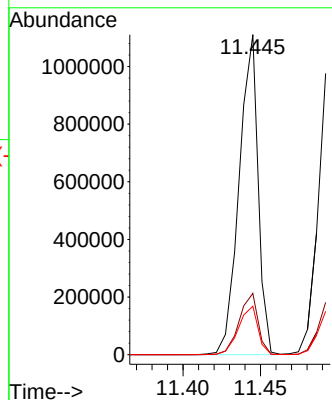
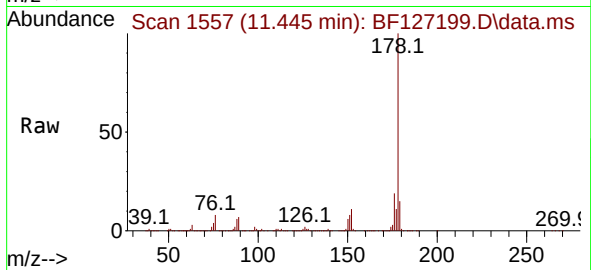
#71
Phenanthrene
Concen: 45.371 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

Instrument :
BNA_F
ClientSampleId :
DUM-17MSD

Tgt Ion:178 Resp: 945700
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.2 12.3 18.5

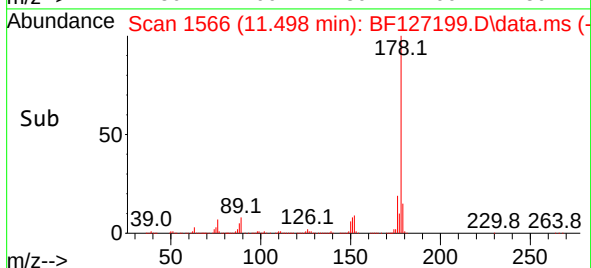
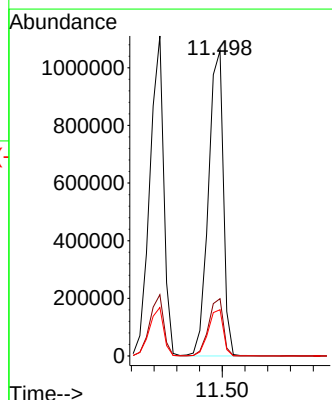
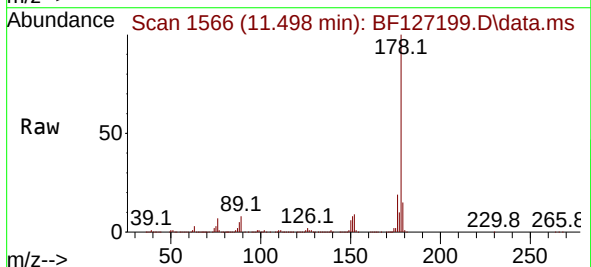
Manual Integrations
APPROVED

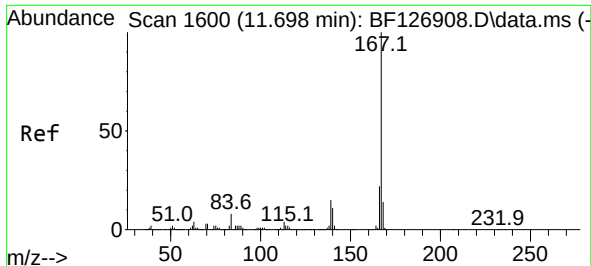
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#72
Anthracene
Concen: 46.281 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

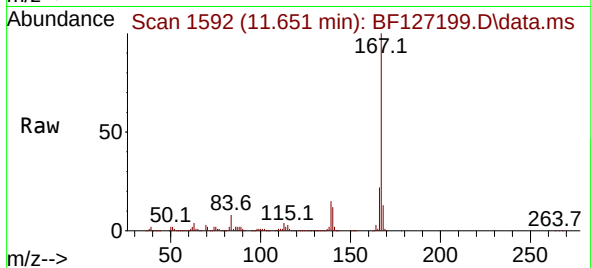
Tgt Ion:178 Resp: 960368
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.2 12.5 18.7





#73
 Carbazole
 Concen: 41.411 ng
 RT: 11.651 min Scan# 11651
 Delta R.T. -0.000 min
 Lab File: BF127199.D
 Acq: 04 Mar 2022 14:25

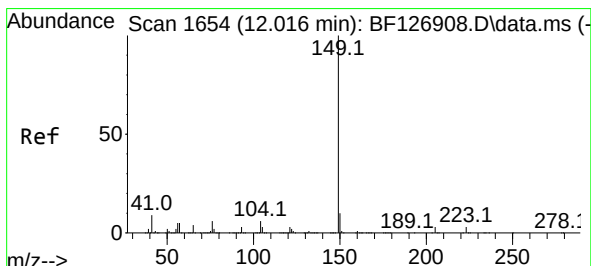
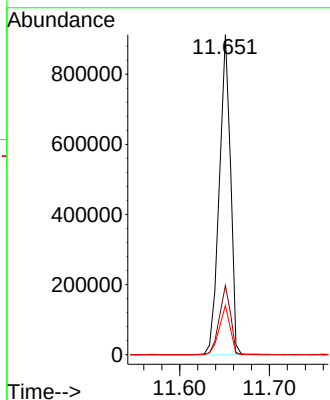
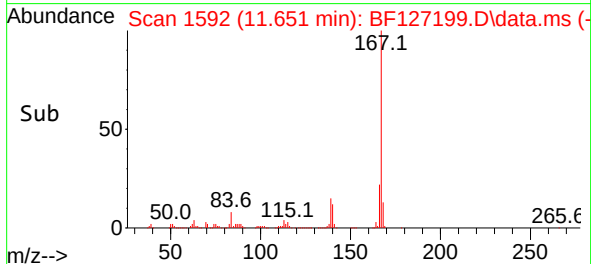
Instrument :
 BNA_F
 ClientSampleId :
 DUM-17MSD



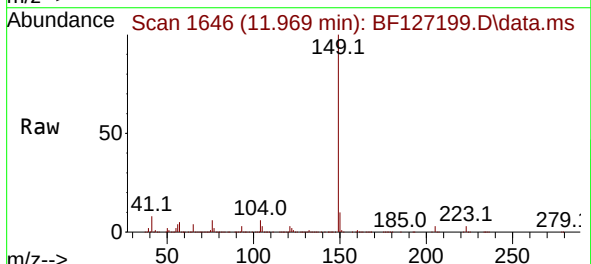
Tgt Ion:167 Resp: 788020
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 15.4 11.3 16.9

Manual Integrations
 APPROVED

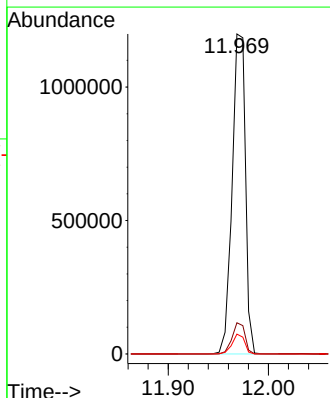
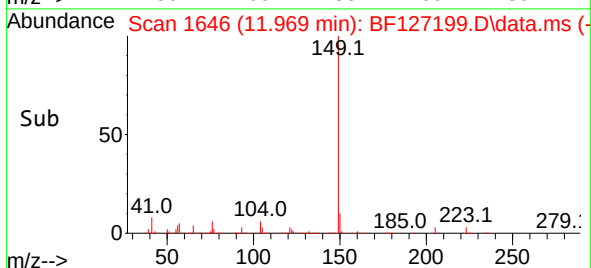
Reviewed By :Christian Giraldo 03/07/2022
 Supervised By :Jagrut Upadhyay 03/07/2022

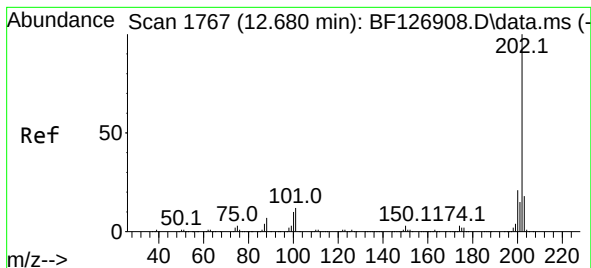


#74
 Di-n-butylphthalate
 Concen: 45.262 ng
 RT: 11.969 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: BF127199.D
 Acq: 04 Mar 2022 14:25



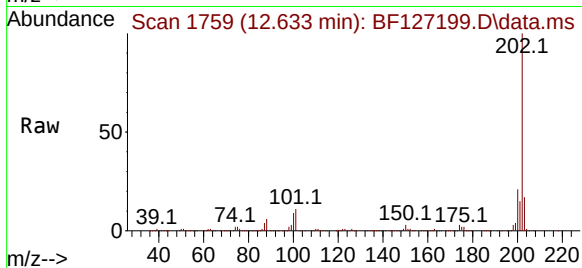
Tgt Ion:149 Resp: 1107266
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.2 10.8
 104 6.2 4.2 6.2





#75
Fluoranthene
Concen: 43.907 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

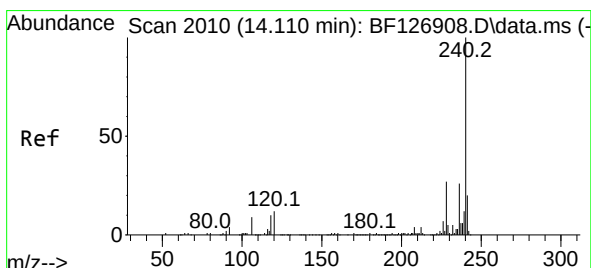
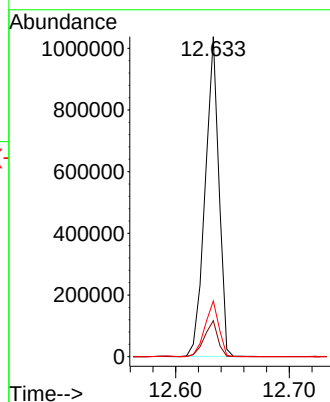
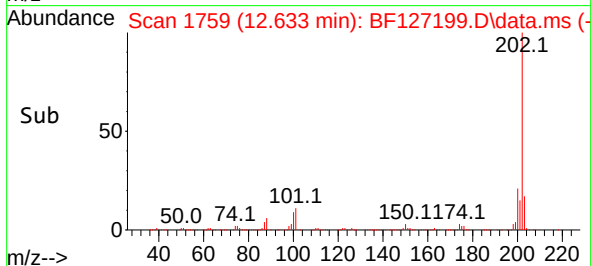
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion:202 Resp: 868978
Ion Ratio Lower Upper
202 100
101 11.3 0.0 35.7
203 17.4 0.0 37.1

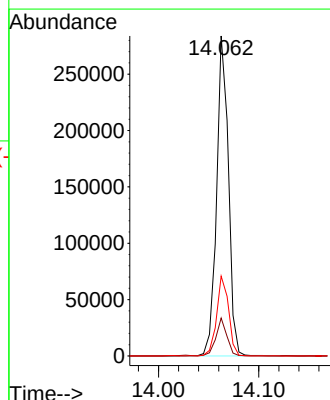
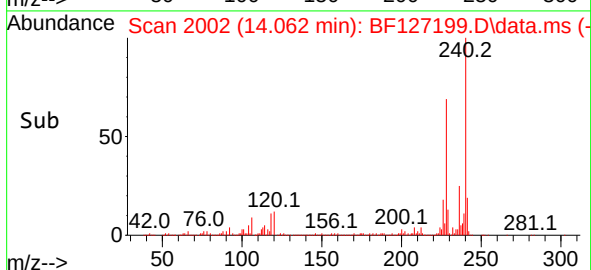
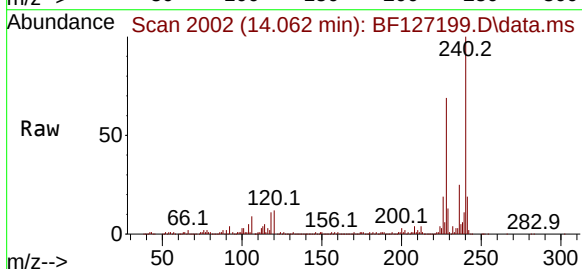
Manual Integrations
APPROVED

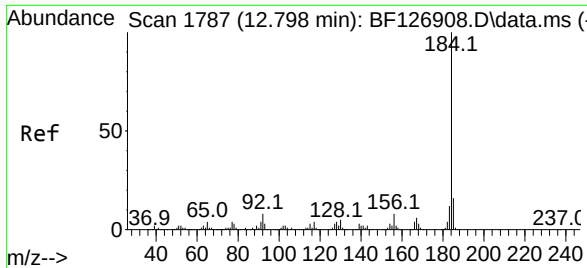
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

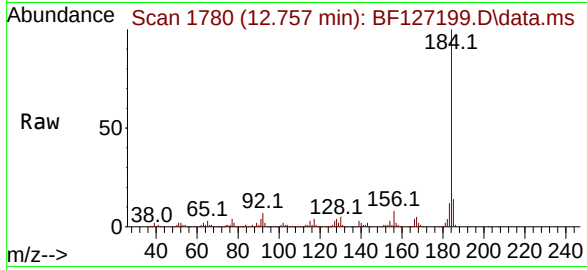
Tgt Ion:240 Resp: 231810
Ion Ratio Lower Upper
240 100
120 11.8 14.4 21.6#
236 25.0 20.5 30.7





#77
Benzidine
Concen: 44.675 ng
RT: 12.757 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

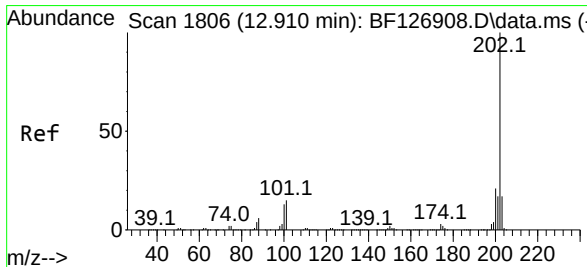
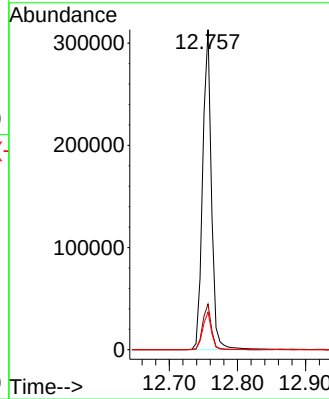
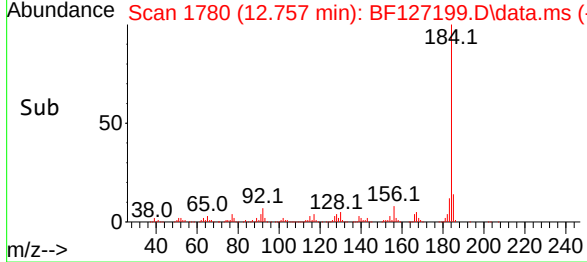
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



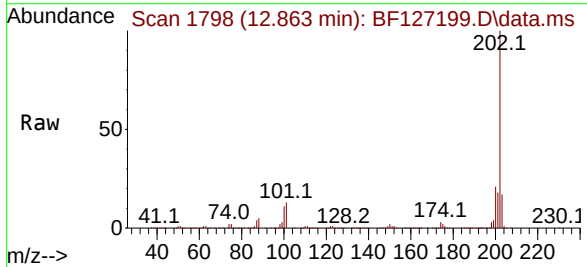
Tgt Ion:184 Resp: 28143
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.8
183 11.7 8.2 12.2

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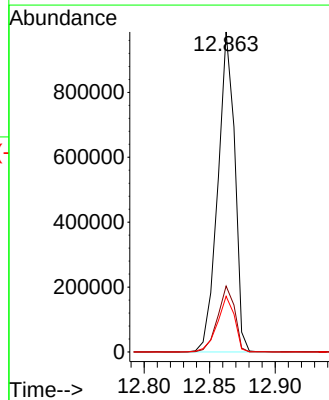
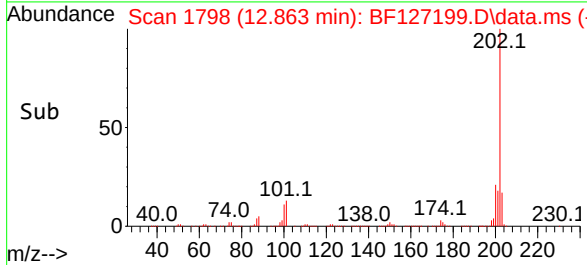
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

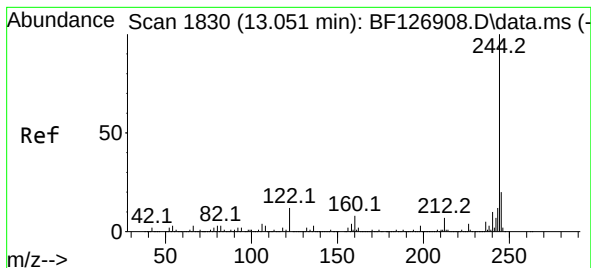


#78
Pyrene
Concen: 43.873 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



Tgt Ion:202 Resp: 883578
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 62.163 ng

RT: 12.998 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

Instrument :

BNA_F

ClientSampleId :

DUM-17MSD

Tgt Ion:244 Resp: 980249

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

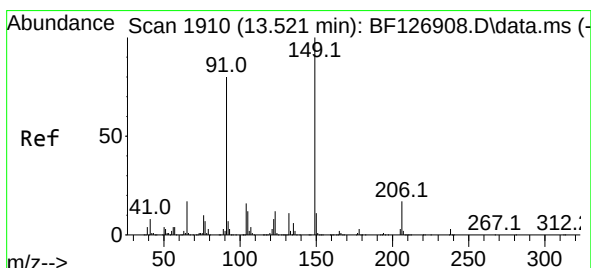
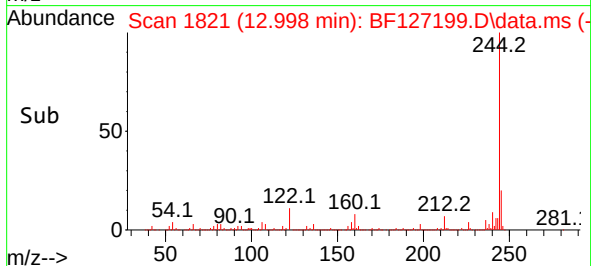
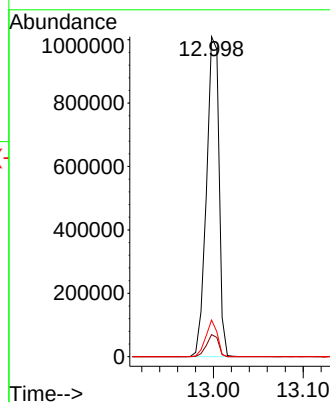
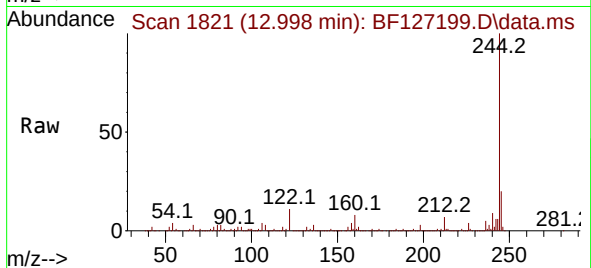
122 11.4 13.3 19.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/07/2022

Supervised By :Jagrut Upadhyay 03/07/2022



#80

Butylbenzylphthalate

Concen: 43.748 ng

RT: 13.474 min Scan# 1902

Delta R.T. -0.000 min

Lab File: BF127199.D

Acq: 04 Mar 2022 14:25

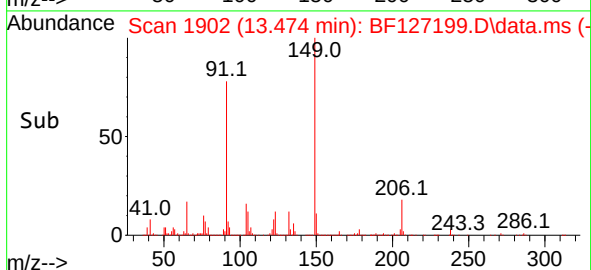
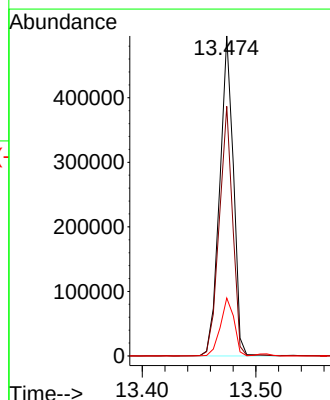
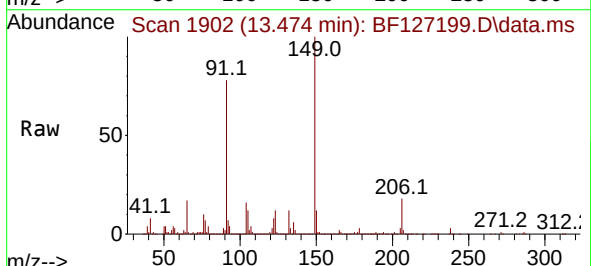
Tgt Ion:149 Resp: 417101

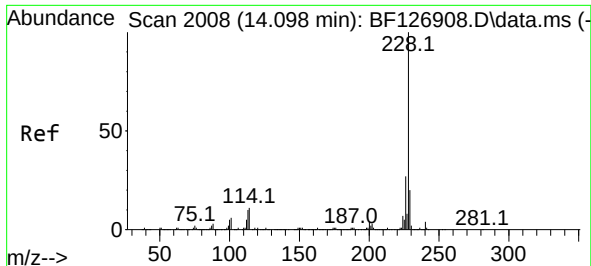
Ion Ratio Lower Upper

149 100

91 78.0 70.5 105.7

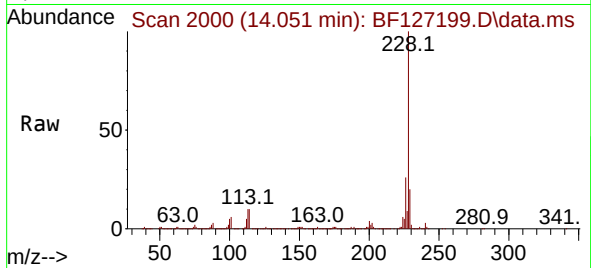
206 18.1 12.6 19.0





#81
Benzo(a)anthracene
Concen: 47.620 ng
RT: 14.051 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

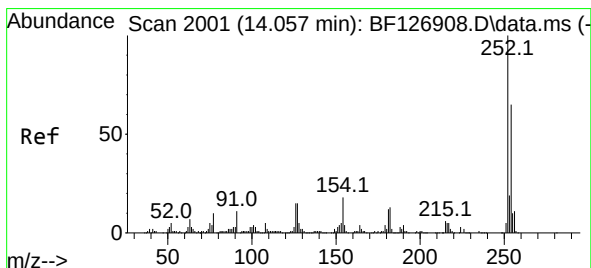
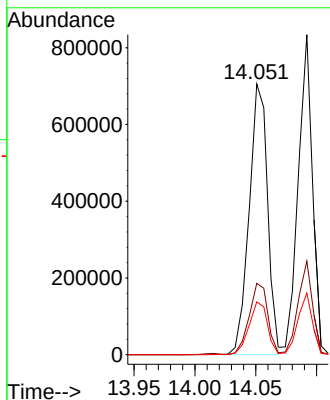
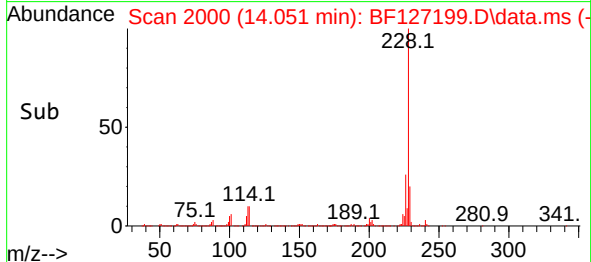
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



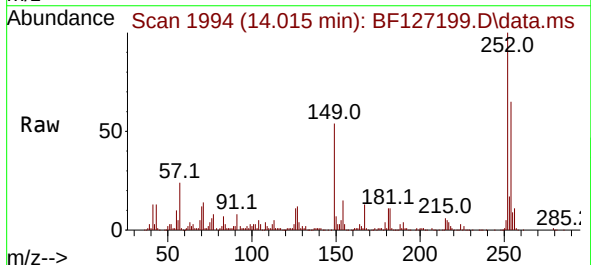
Tgt Ion:228 Resp: 744180
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 19.5 15.4 23.2

Manual Integrations
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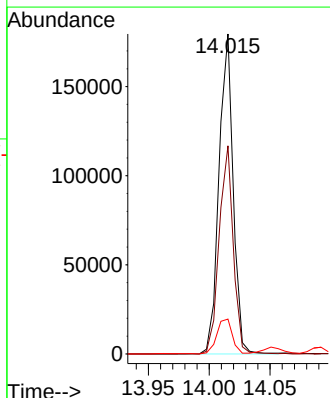
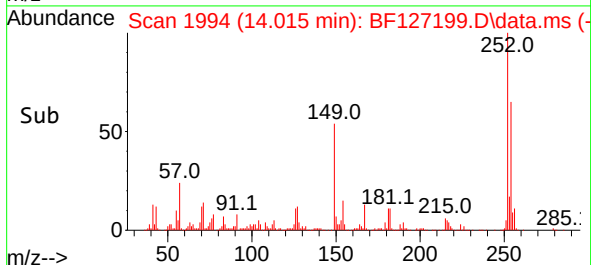
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

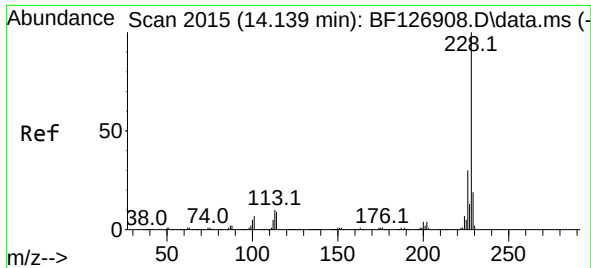


#82
3,3'-Dichlorobenzidine
Concen: 29.624 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



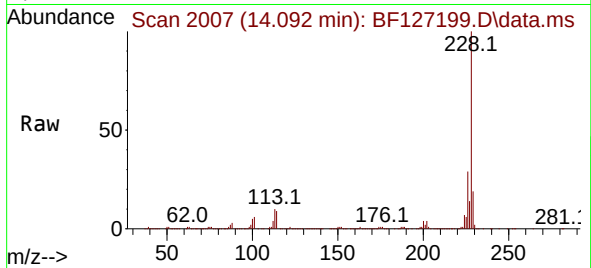
Tgt Ion:252 Resp: 145902
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.4
126 10.9 13.4 20.0#





#83
Chrysene
Concen: 46.338 ng
RT: 14.092 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

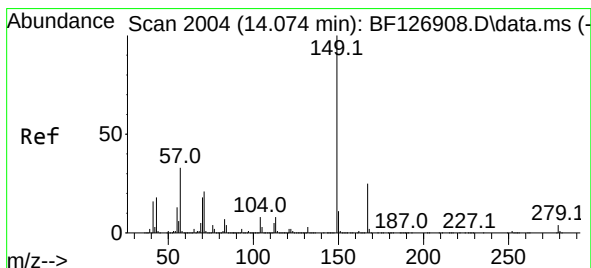
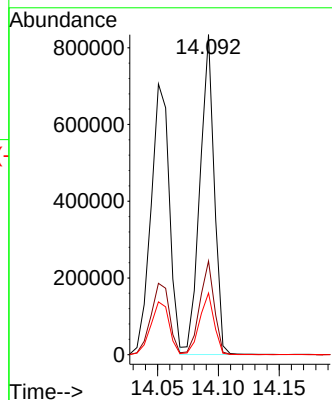
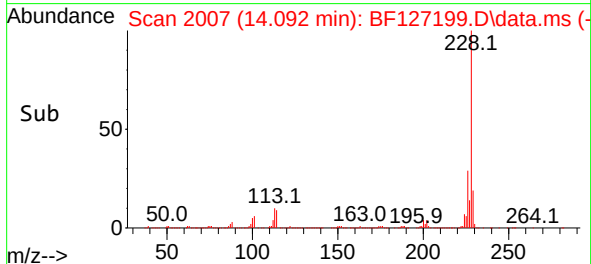
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



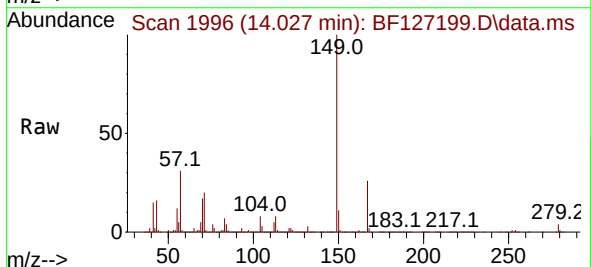
Tgt Ion:228 Resp: 680983
Ion Ratio Lower Upper
228 100
226 29.3 23.7 35.5
229 19.3 15.5 23.3

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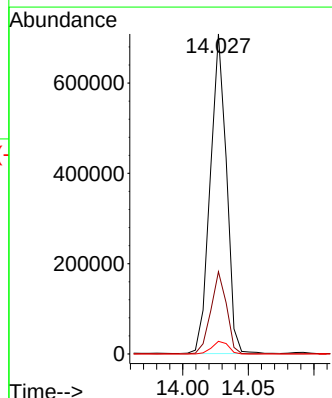
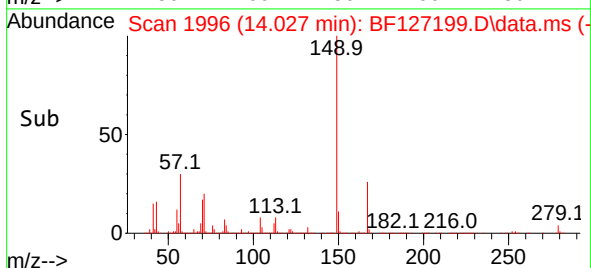
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

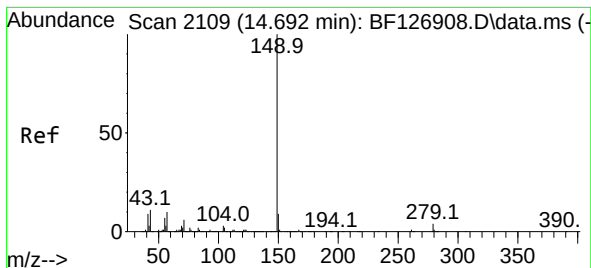


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.553 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



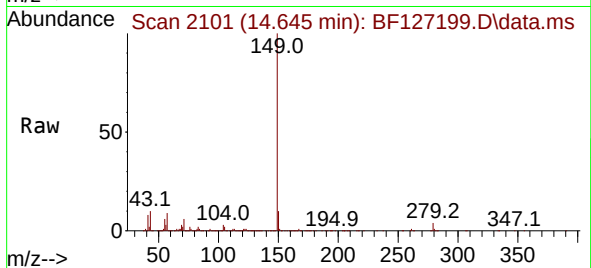
Tgt Ion:149 Resp: 607756
Ion Ratio Lower Upper
149 100
167 25.7 21.4 32.2
279 4.0 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 45.625 ng
RT: 14.645 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

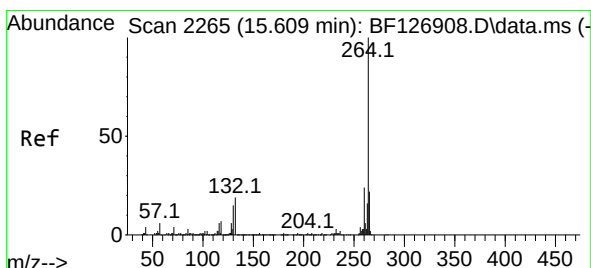
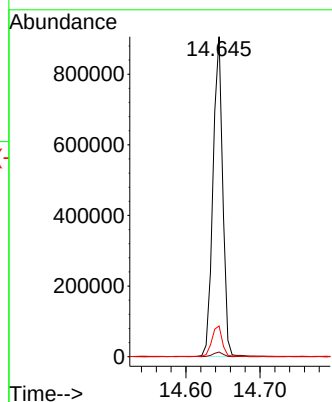
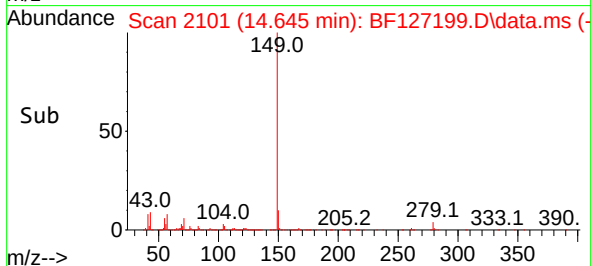
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion:149 Resp: 82228
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.1 9.9 14.9

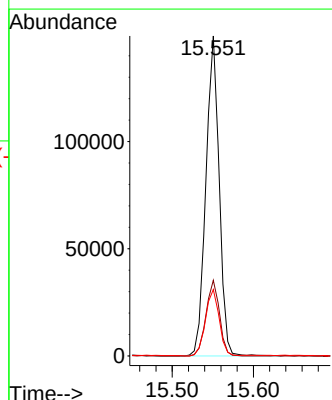
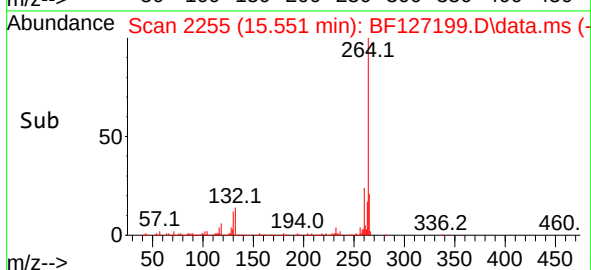
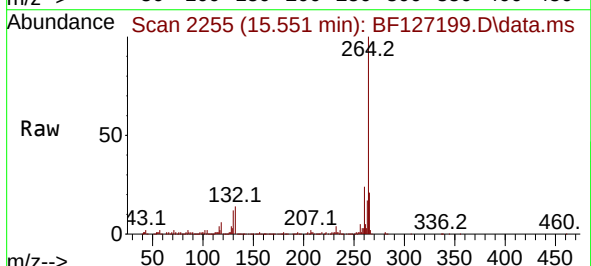
Manual Integrations
APPROVED

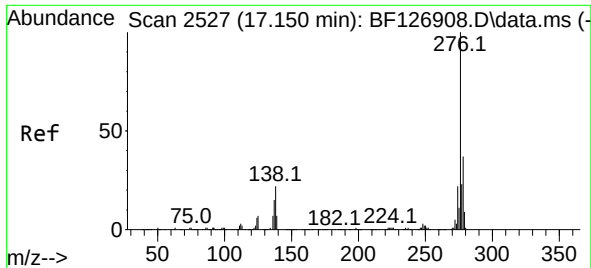
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

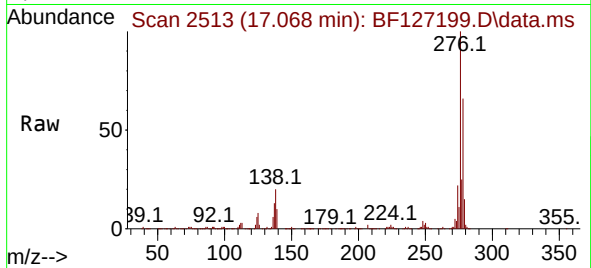
Tgt Ion:264 Resp: 169169
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 20.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.580 ng
RT: 17.068 min Scan# 2181
Delta R.T. 0.012 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

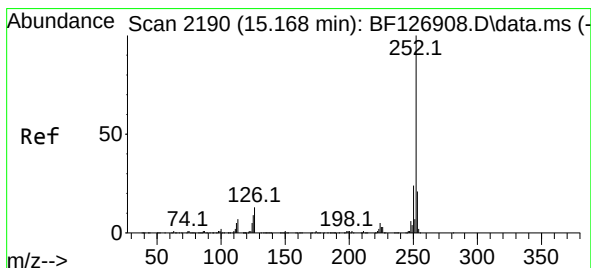
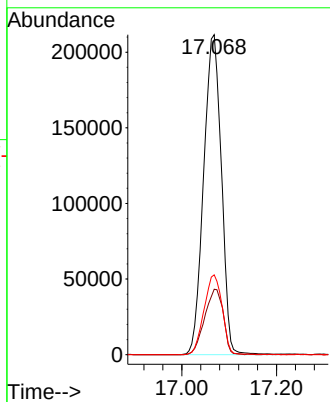
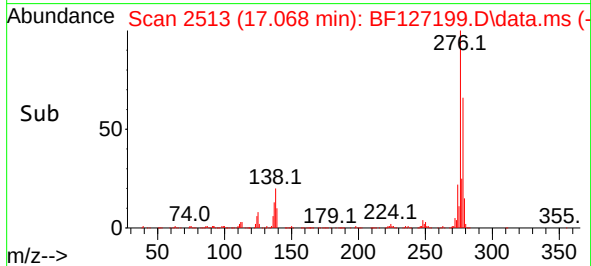
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



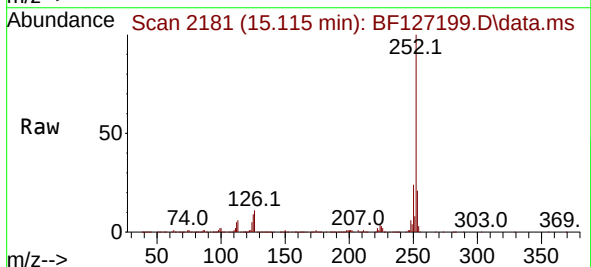
Tgt Ion:276 Resp: 54997
Ion Ratio Lower Upper
276 100
138 21.4 29.2 43.8
277 25.6 19.8 29.8

Manual Integrations
APPROVED

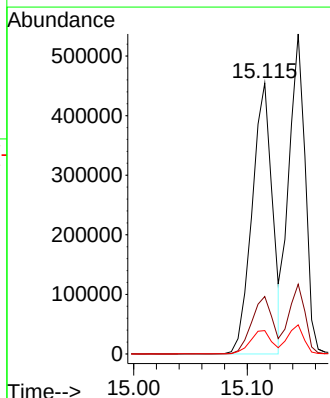
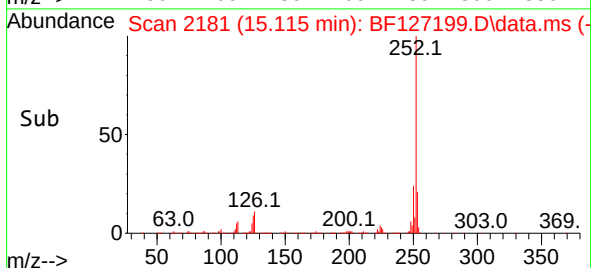
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

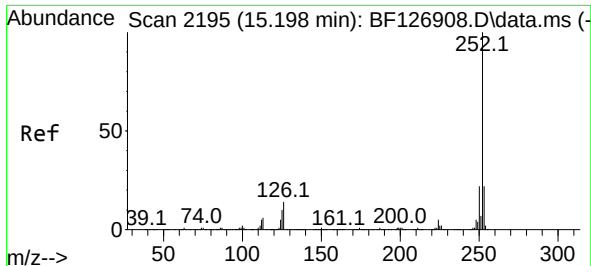


#88
Benzo(b)fluoranthene
Concen: 49.694 ng
RT: 15.115 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



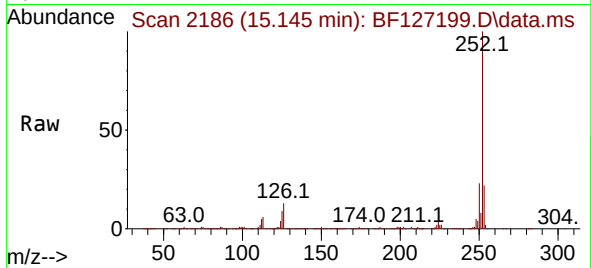
Tgt Ion:252 Resp: 564619
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 8.6 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 48.726 ng
RT: 15.145 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

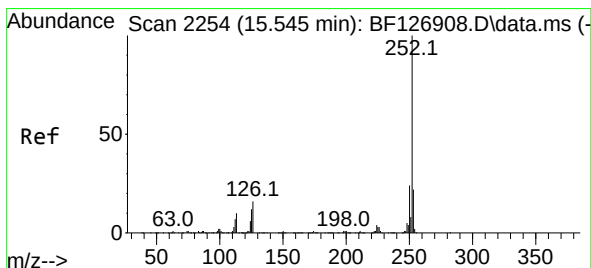
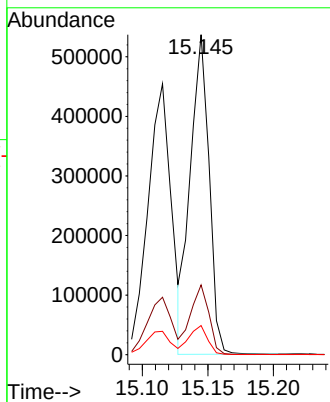
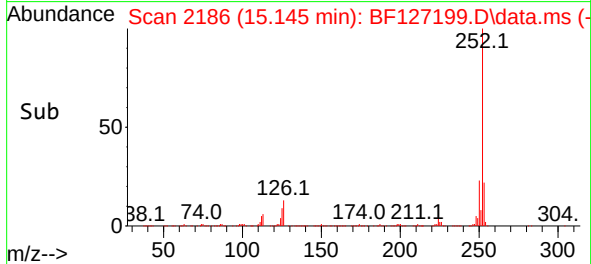
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



Tgt Ion:252 Resp: 533990
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.1 11.8 17.6

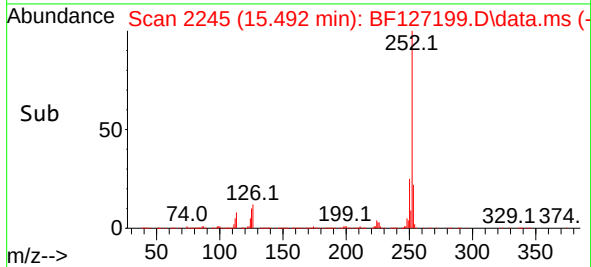
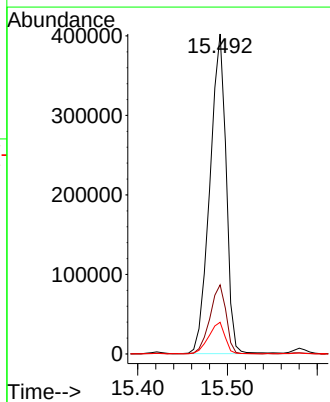
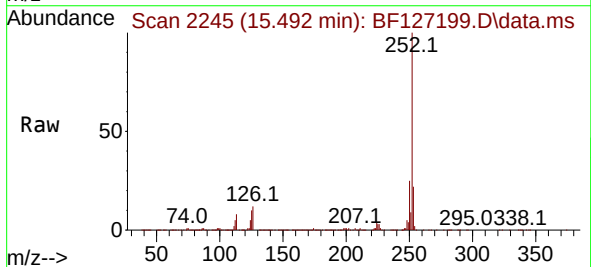
Manual Integrations
APPROVED

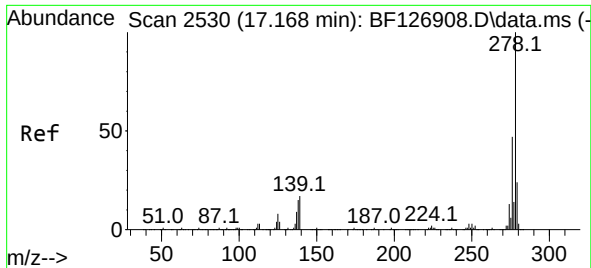
Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022



#90
Benzo(a)pyrene
Concen: 56.883 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.006 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

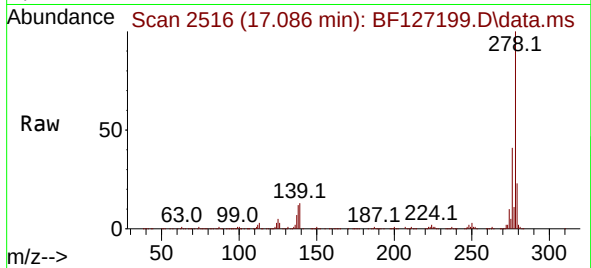
Tgt Ion:252 Resp: 504833
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.9 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 51.616 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.012 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25

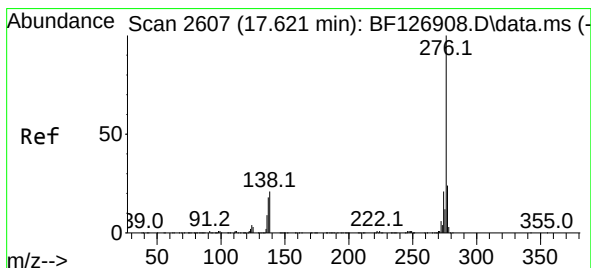
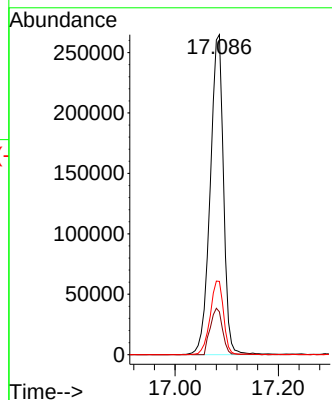
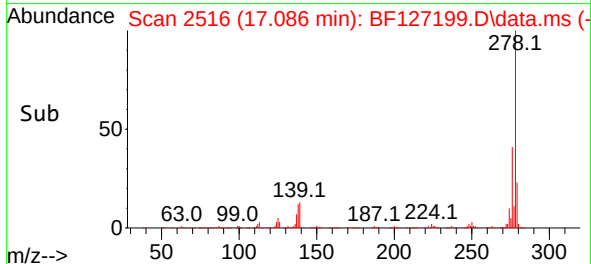
Instrument :
BNA_F
ClientSampleId :
DUM-17MSD



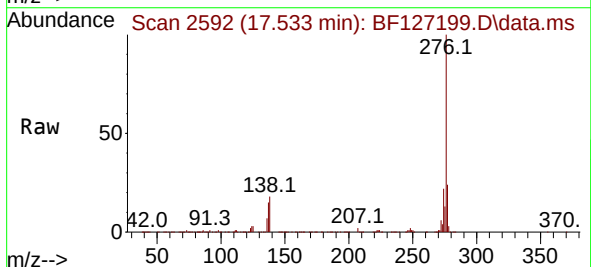
Tgt Ion: 278 Resp: 473530
Ion Ratio Lower Upper
278 100
139 13.4 18.0 27.0
279 22.9 18.6 27.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/07/2022
Supervised By : Jagrut Upadhyay 03/07/2022



#92
Benzo(g,h,i)perylene
Concen: 51.396 ng
RT: 17.533 min Scan# 2592
Delta R.T. 0.012 min
Lab File: BF127199.D
Acq: 04 Mar 2022 14:25



Tgt Ion: 276 Resp: 464851
Ion Ratio Lower Upper
276 100
277 23.7 18.5 27.7
138 18.0 25.9 38.9

