

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135590.D
 Acq On : 05 Oct 2023 02:02
 Operator : CG\JU
 Sample : 04657-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MS

Quant Time: Oct 05 06:49:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	142229	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	521873	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	142646	20.000	ng	0.01
64) Phenanthrene-d10	11.310	188	116017	20.000	ng	# 0.04
76) Chrysene-d12	13.951	240	168032	20.000	ng	0.02
86) Perylene-d12	15.398	264	253695	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	895501	102.404	ng	0.00
7) Phenol-d6	6.392	99	1095320	98.505	ng	0.00
23) Nitrobenzene-d5	7.310	82	683668	71.173	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	115823	81.706	ng	0.02
45) 2-Fluorobiphenyl	9.098	172	825862	87.349	ng	0.00
79) Terphenyl-d14	12.898	244	418253	38.586	ng	0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	173595	45.283	ng	97
3) Pyridine	3.228	79	427793	41.463	ng	97
4) n-Nitrosodimethylamine	3.193	42	267501	48.858	ng	97
6) Aniline	6.410	93	426805	29.271	ng	# 23
8) 2-Chlorophenol	6.528	128	451534	48.370	ng	100
9) Benzaldehyde	6.298	77	96281	15.199	ng	98
10) Phenol	6.404	94	546968	44.859	ng	93
11) bis(2-Chloroethyl)ether	6.481	93	467359	51.100	ng	99
12) 1,3-Dichlorobenzene	6.681	146	446165	47.028	ng	98
13) 1,4-Dichlorobenzene	6.757	146	454394	47.077	ng	99
14) 1,2-Dichlorobenzene	6.904	146	424446	47.352	ng	100
15) Benzyl Alcohol	6.892	79	367202	46.020	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	808349	46.889	ng	67
17) 2-Methylphenol	7.010	107	351233	42.637	ng	# 90
18) Hexachloroethane	7.239	117	170892	47.917	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	293579	42.626	ng	95
20) 3+4-Methylphenols	7.163	107	435242	43.938	ng	# 72
22) Acetophenone	7.151	105	580360	48.642	ng	# 91
24) Nitrobenzene	7.328	77	473438	49.866	ng	99
25) Isophorone	7.563	82	862781	48.914	ng	98
26) 2-Nitrophenol	7.639	139	240107	52.693	ng	99
27) 2,4-Dimethylphenol	7.686	122	325290	42.470	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	538062	50.966	ng	99
29) 2,4-Dichlorophenol	7.886	162	358386	50.496	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	354237	47.752	ng	99
31) Naphthalene	8.039	128	1198245	47.256	ng	99
32) Benzoic acid	7.845	122	279815	48.516	ng	99
33) 4-Chloroaniline	8.104	127	173542	15.599	ng	98
34) Hexachlorobutadiene	8.151	225	204953	45.819	ng	99
35) Caprolactam	8.481	113	99379	41.722	ng	# 72
36) 4-Chloro-3-methylphenol	8.598	107	303330	38.454	ng	99
37) 2-Methylnaphthalene	8.733	142	577573	33.886	ng	99
38) 1-Methylnaphthalene	8.833	142	536781	33.638	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	266721	64.541	ng	99
41) Hexachlorocyclopentadiene	8.881	237	152427	83.366	ng	96
43) 2,4,6-Trichlorophenol	9.022	196	167971	62.079	ng	100

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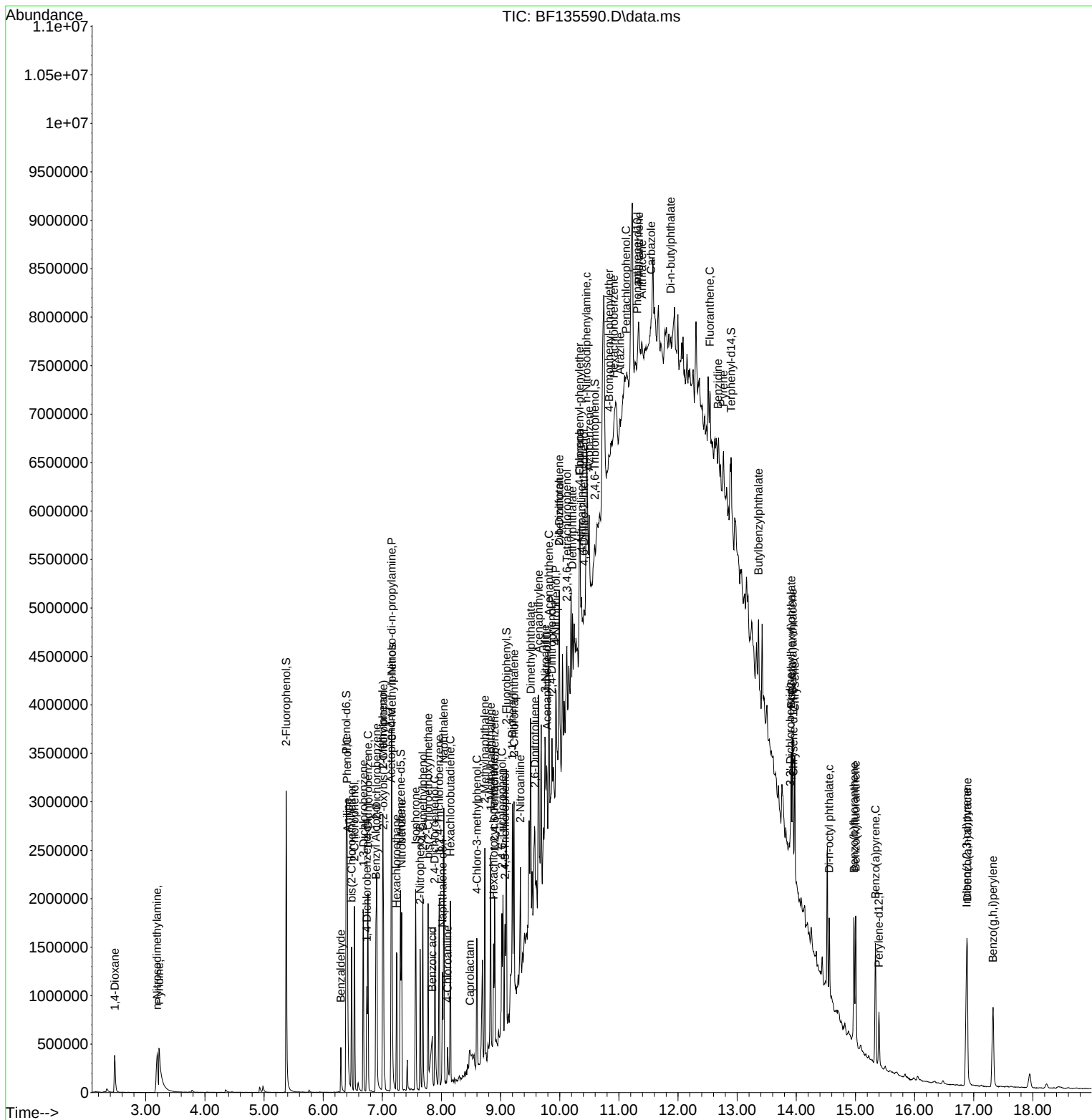
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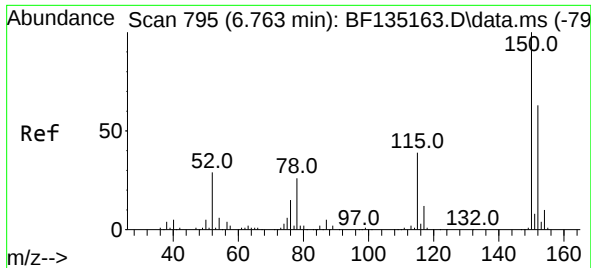
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	177685	57.023	ng	# 92
46) 1,1'-Biphenyl	9.198	154	669162	61.043	ng	98
47) 2-Chloronaphthalene	9.228	162	472379	59.391	ng	98
48) 2-Nitroaniline	9.333	65	208149	67.363	ng	94
49) Acenaphthylene	9.645	152	678857	51.357	ng	97
50) Dimethylphthalate	9.510	163	523595	54.291	ng	98
51) 2,6-Dinitrotoluene	9.580	165	120776	57.165	ng	83
52) Acenaphthene	9.816	154	368423	47.181	ng	98
53) 3-Nitroaniline	9.751	138	101343	40.864	ng	# 83
54) 2,4-Dinitrophenol	9.869	184	98946	82.301	ng	# 84
55) Dibenzofuran	9.992	168	517754	43.450	ng	94
56) 4-Nitrophenol	9.933	139	131057	83.149	ng	# 51
57) 2,4-Dinitrotoluene	9.992	165	129247	48.865	ng	# 93
58) Fluorene	10.339	166	356940	38.965	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.122	232	93047	38.819	ng	# 87
60) Diethylphthalate	10.216	149	436173	45.064	ng	97
61) 4-Chlorophenyl-phenyle...	10.333	204	171871	39.058	ng	96
62) 4-Nitroaniline	10.369	138	69982	29.356	ng	85
63) Azobenzene	10.498	77	355539	37.533	ng	94
65) 4,6-Dinitro-2-methylph...	10.410	198	47062	76.374	ng	# 42
66) n-Nitrosodiphenylamine	10.451	169	323562	92.121	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	98522	85.384	ng	# 69
68) Hexachlorobenzene	10.916	284	88042	74.895	ng	# 53
69) Atrazine	11.022	200	72605	76.824	ng	# 46
70) Pentachlorophenol	11.122	266	58131	82.652	ng	93
71) Phenanthrene	11.339	178	288298	52.541	ng	# 74
72) Anthracene	11.392	178	282498	50.087	ng	# 81
73) Carbazole	11.545	167	248352	48.371	ng	# 78
74) Di-n-butylphthalate	11.874	149	336516	55.622	ng	# 89
75) Fluoranthene	12.539	202	335489	58.677	ng	95
77) Benzidine	12.674	184	16756	4.867	ng	# 1
78) Pyrene	12.769	202	380050	23.756	ng	97
80) Butylbenzylphthalate	13.363	149	209616	37.215	ng	90
81) Benzo(a)anthracene	13.939	228	542852	50.031	ng	98
82) 3,3'-Dichlorobenzidine	13.898	252	75866	22.385	ng	# 96
83) Chrysene	13.974	228	523037	48.485	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	386473	66.863	ng	98
85) Di-n-octyl phthalate	14.557	149	67109	7.306	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.880	276	825654	49.637	ng	100
88) Benzo(b)fluoranthene	14.974	252	675396	49.179	ng	# 96
89) Benzo(k)fluoranthene	15.004	252	575250	42.403	ng	# 97
90) Benzo(a)pyrene	15.339	252	587293	44.843	ng	100
91) Dibenzo(a,h)anthracene	16.892	278	672096	49.382	ng	99
92) Benzo(g,h,i)perylene	17.327	276	681034	47.913	ng	99

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

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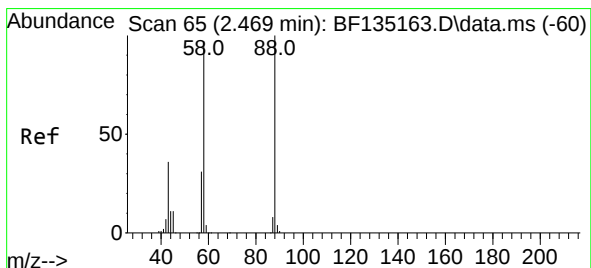
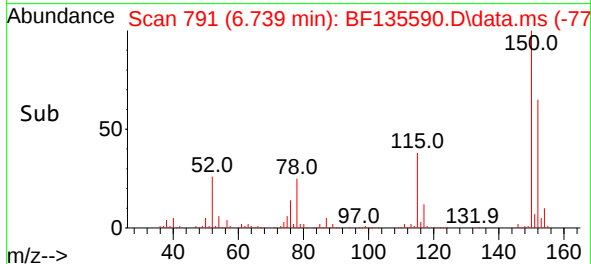
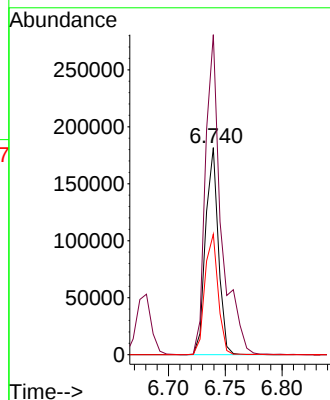
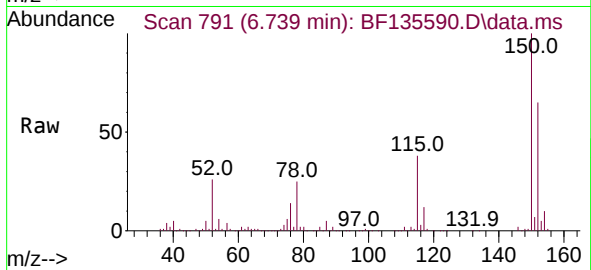




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135590.D
 Acq: 05 Oct 2023 02:02

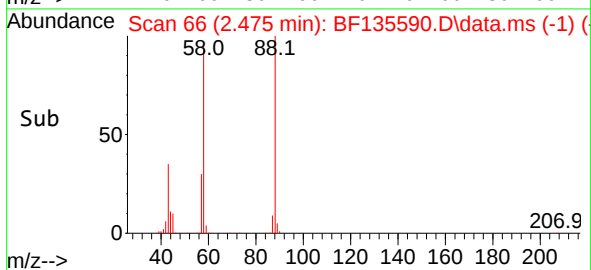
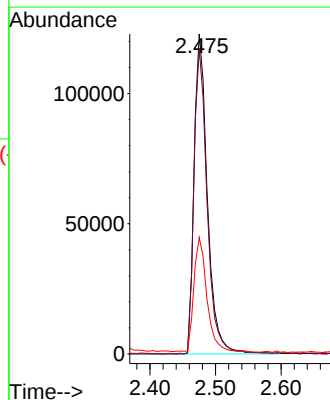
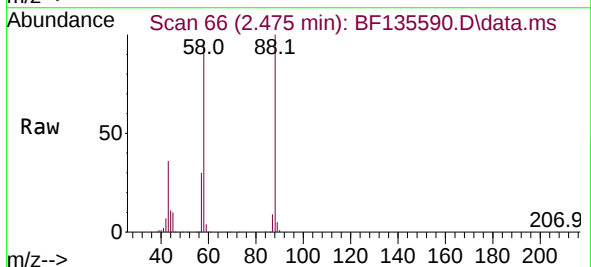
Instrument :
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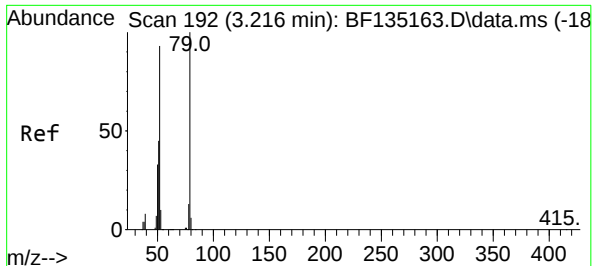
Tgt Ion:152 Resp: 142229
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.8 191.6
 115 58.2 49.8 74.8



#2
 1,4-Dioxane
 Concen: 45.283 ng
 RT: 2.475 min Scan# 66
 Delta R.T. 0.053 min
 Lab File: BF135590.D
 Acq: 05 Oct 2023 02:02

Tgt Ion: 88 Resp: 173595
 Ion Ratio Lower Upper
 88 100
 58 94.8 78.3 117.5
 43 35.5 29.4 44.0

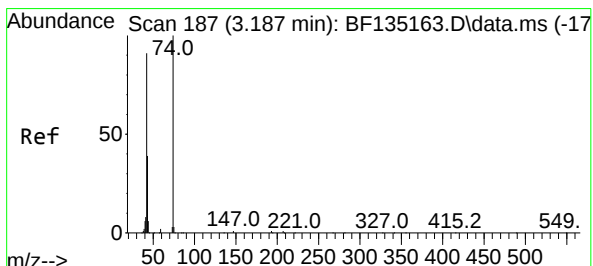
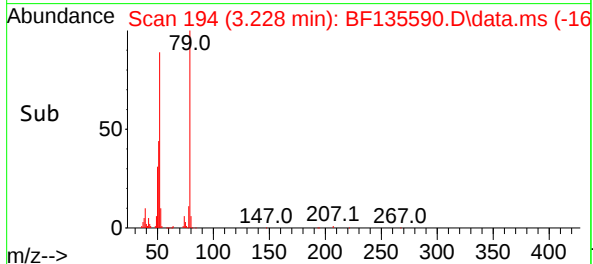
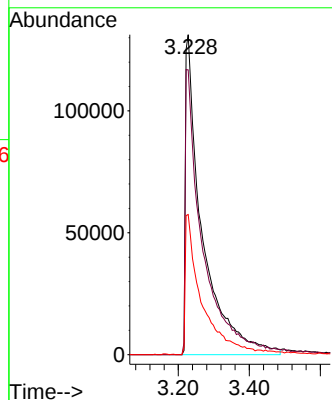
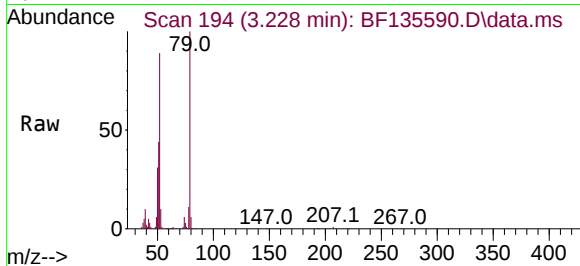




#3
Pyridine
Concen: 41.463 ng
RT: 3.228 min Scan# 192
Delta R.T. 0.065 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

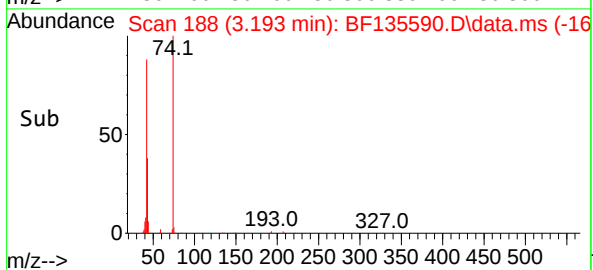
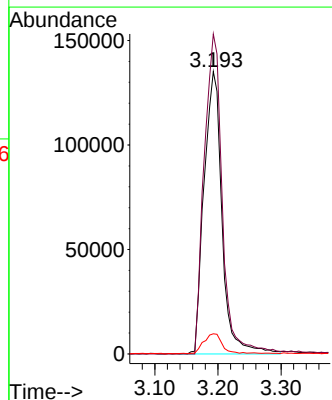
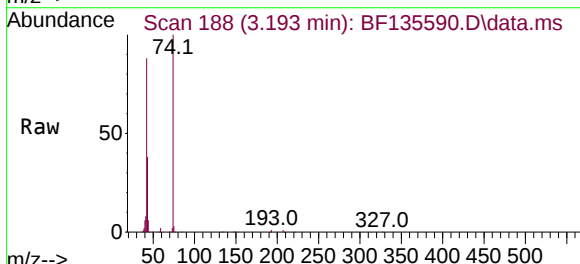
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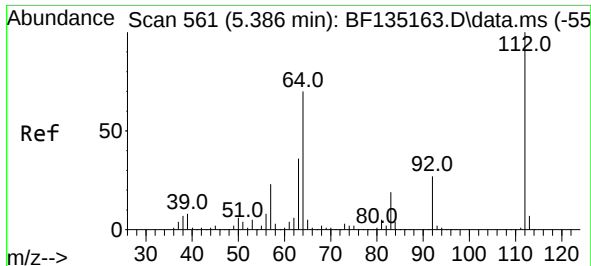
Tgt Ion: 79 Resp: 427793
Ion Ratio Lower Upper
79 100
52 89.0 74.1 111.1
51 43.8 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 48.858 ng
RT: 3.193 min Scan# 188
Delta R.T. 0.059 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion: 42 Resp: 267501
Ion Ratio Lower Upper
42 100
74 113.3 87.7 131.5
44 7.1 5.6 8.4

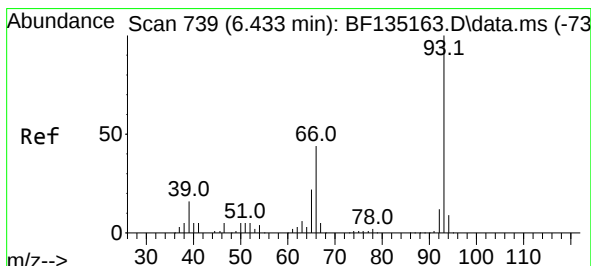
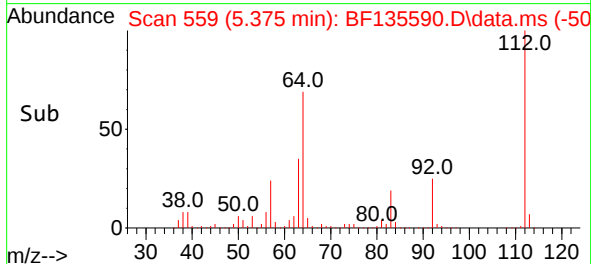
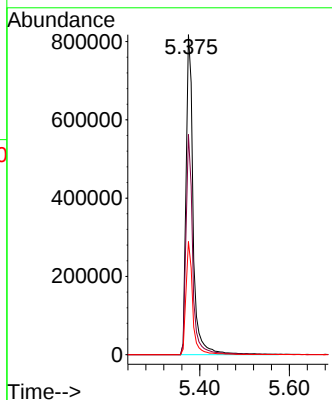
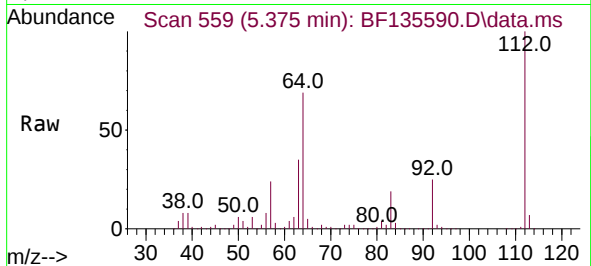




#5
2-Fluorophenol
Concen: 102.404 ng
RT: 5.375 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

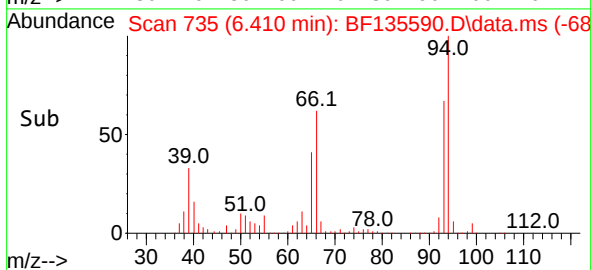
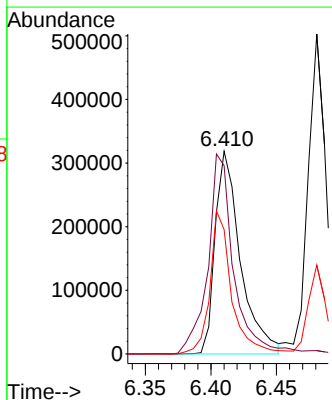
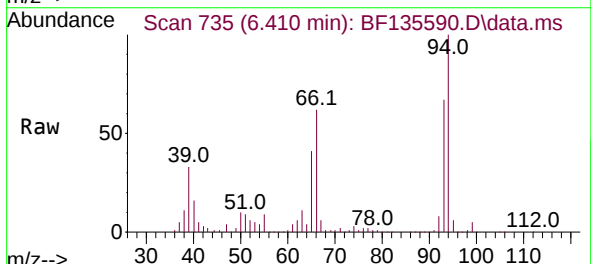
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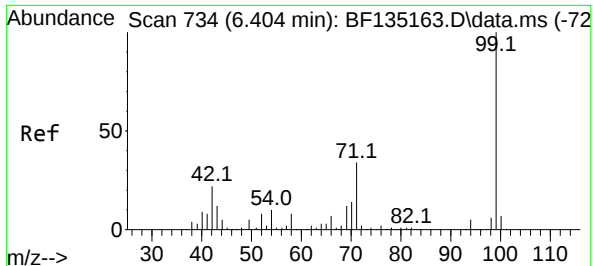
Tgt Ion:112 Resp: 895501
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.4 29.0 43.6



#6
Aniline
Concen: 29.271 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion: 93 Resp: 426805
Ion Ratio Lower Upper
93 100
66 93.0 35.4 53.0#
65 61.4 17.8 26.8#

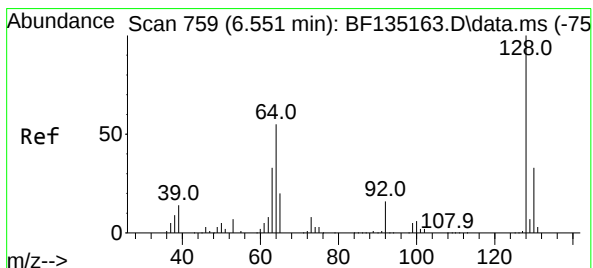
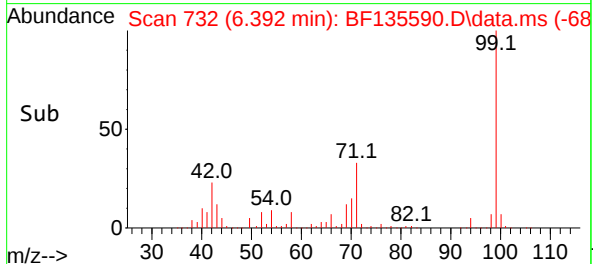
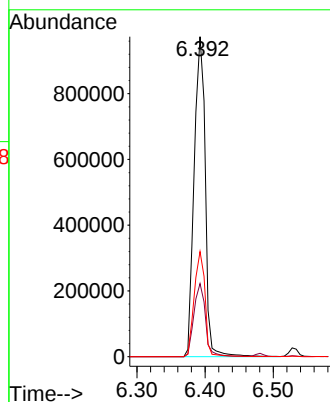
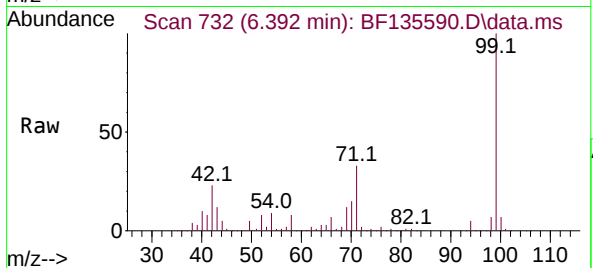




#7
Phenol-d6
Concen: 98.505 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

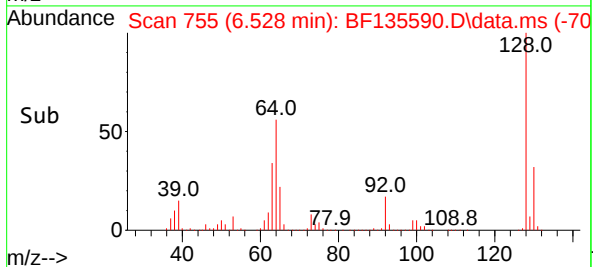
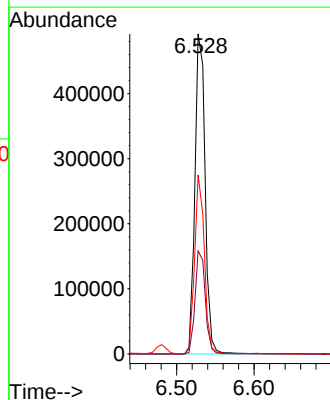
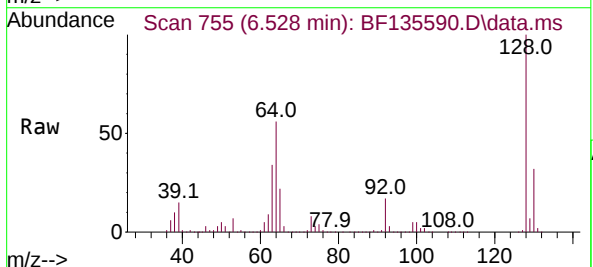
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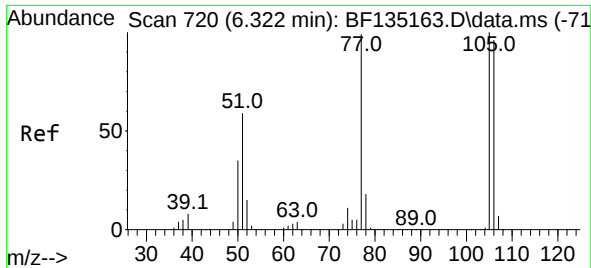
Tgt Ion: 99 Resp: 1095320
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.9 27.0 40.6



#8
2-Chlorophenol
Concen: 48.370 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion: 128 Resp: 451534
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 56.0 35.9 75.9





#9

Benzaldehyde

Concen: 15.199 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

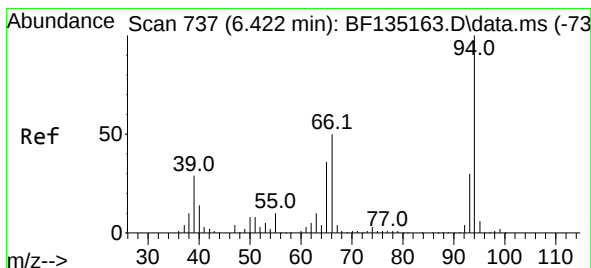
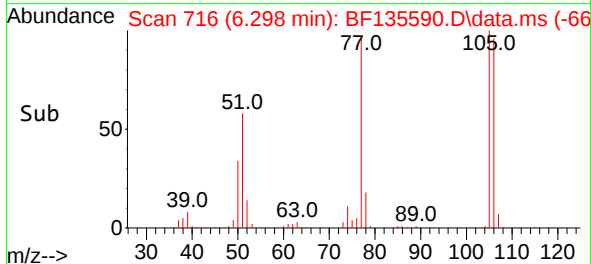
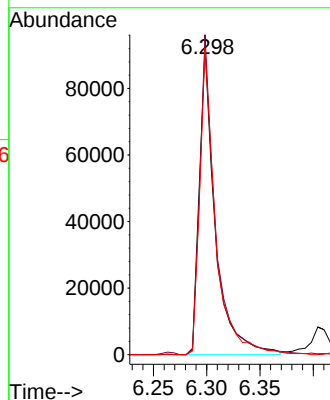
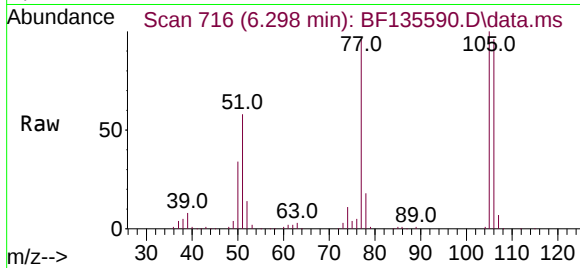
Tgt Ion: 77 Resp: 96281

Ion Ratio Lower Upper

77 100

105 103.7 81.4 121.4

106 99.3 76.9 116.9



#10

Phenol

Concen: 44.859 ng

RT: 6.404 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

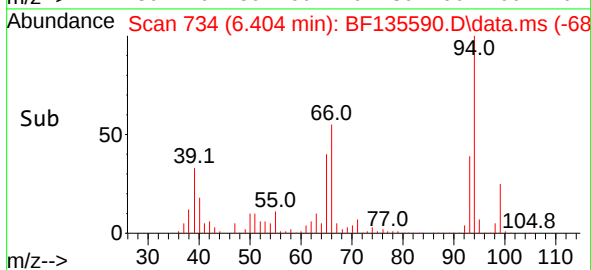
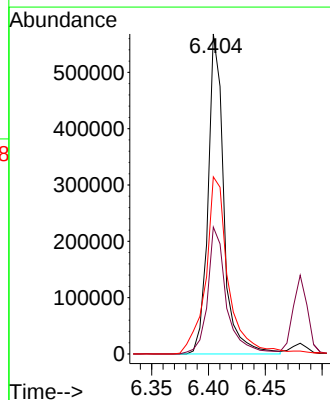
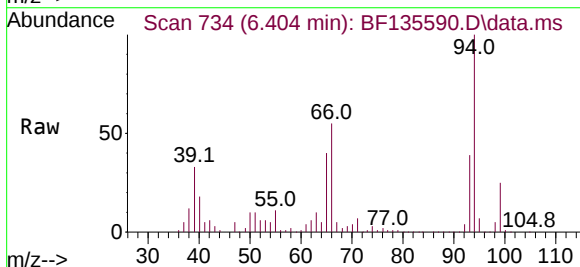
Tgt Ion: 94 Resp: 546968

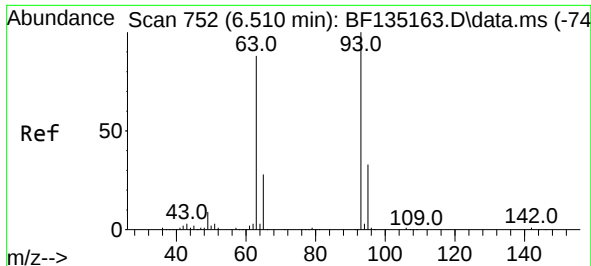
Ion Ratio Lower Upper

94 100

65 39.6 15.9 55.9

66 55.3 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 51.100 ng

RT: 6.481 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

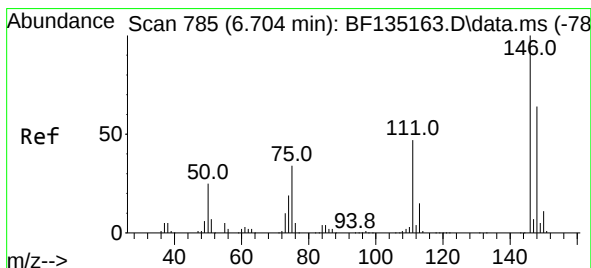
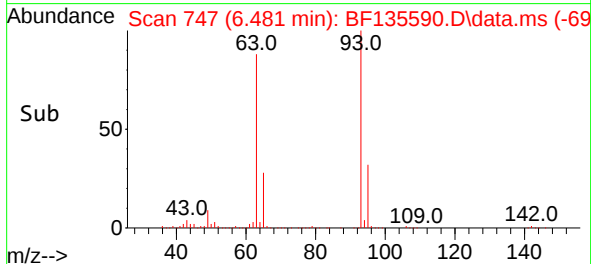
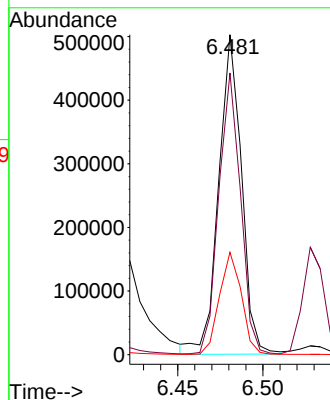
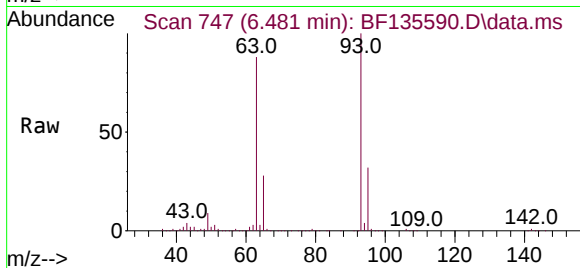
Tgt Ion: 93 Resp: 467359

Ion Ratio Lower Upper

93 100

63 88.1 67.3 107.3

95 32.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 47.028 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

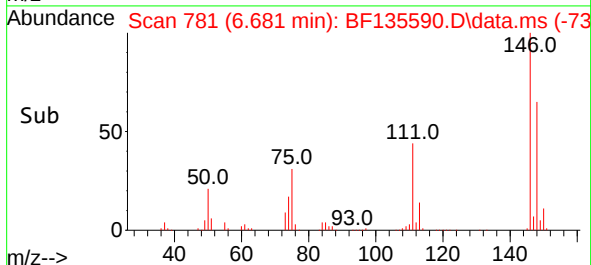
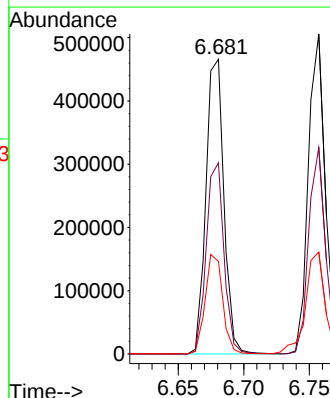
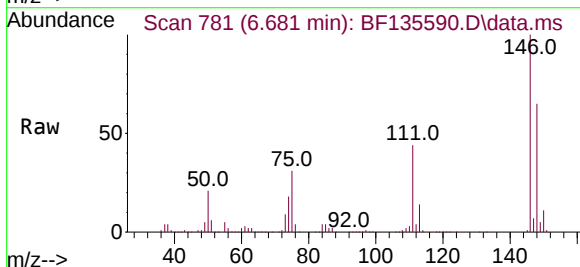
Tgt Ion:146 Resp: 446165

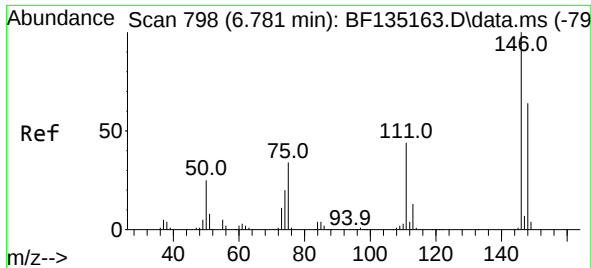
Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

75 31.4 27.4 41.2

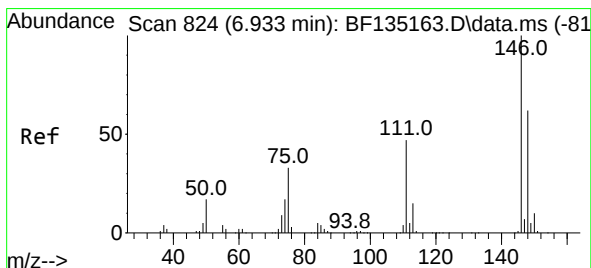
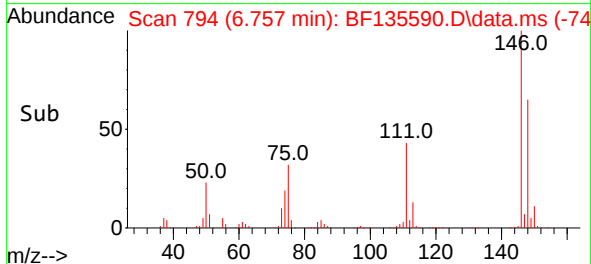
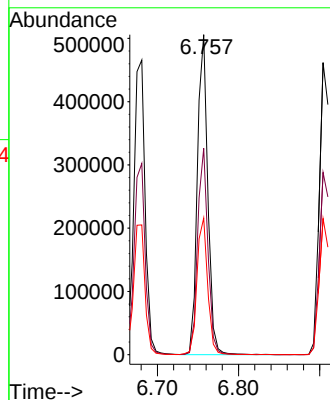
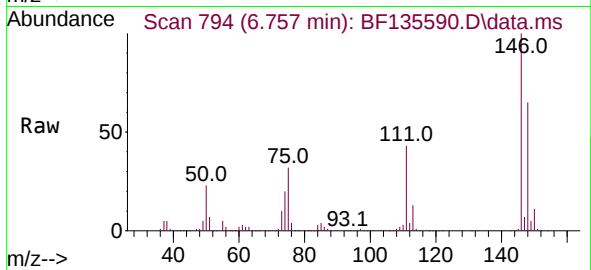




#13
1,4-Dichlorobenzene
Concen: 47.077 ng
RT: 6.757 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

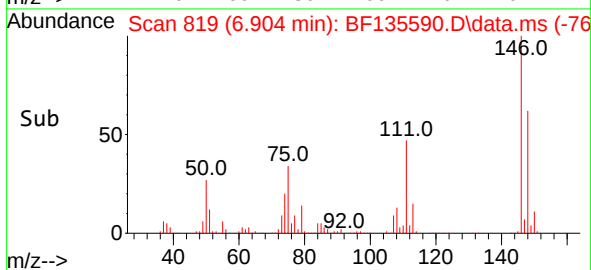
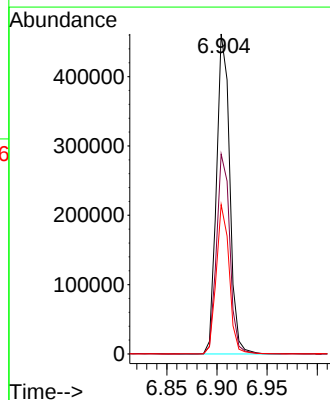
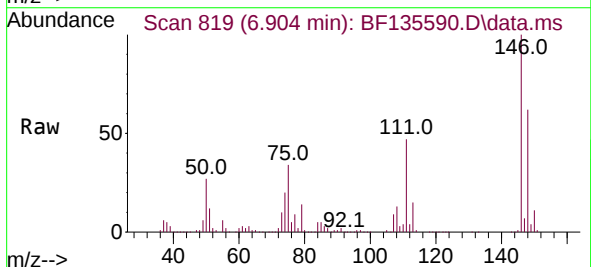
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

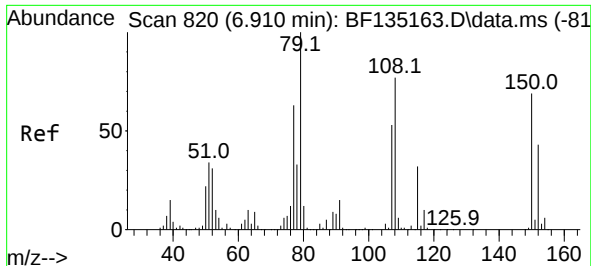
Tgt Ion:146 Resp: 454394
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
111 42.7 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 47.352 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:146 Resp: 424446
Ion Ratio Lower Upper
146 100
148 62.5 49.7 74.5
111 46.7 37.4 56.2





#15

Benzyl Alcohol

Concen: 46.020 ng

RT: 6.892 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

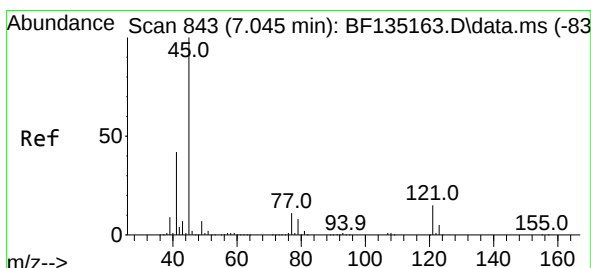
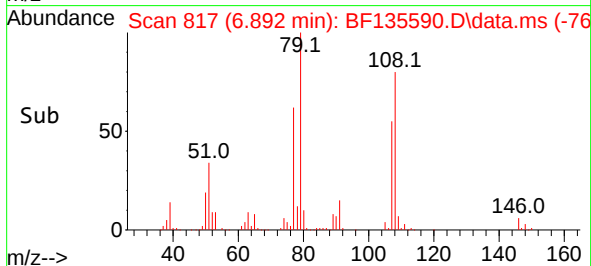
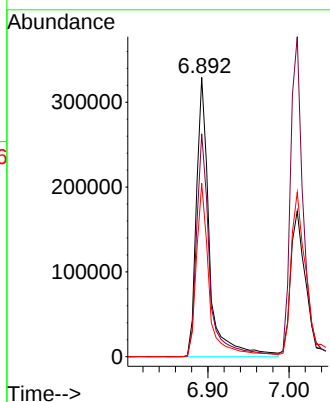
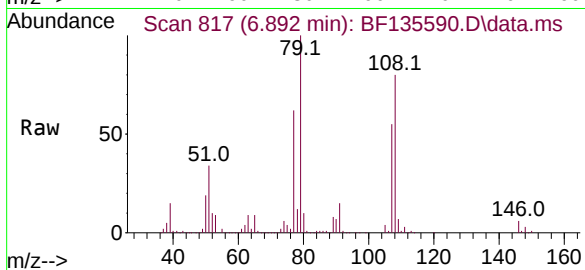
Tgt Ion: 79 Resp: 367202

Ion Ratio Lower Upper

79 100

108 79.9 61.2 91.8

77 62.1 50.5 75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.889 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

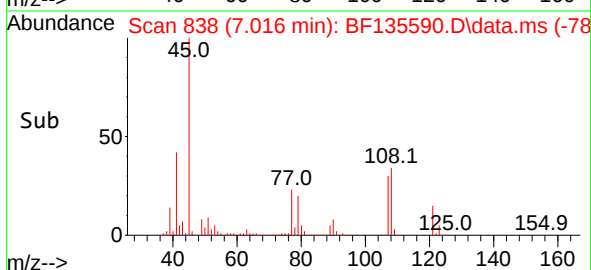
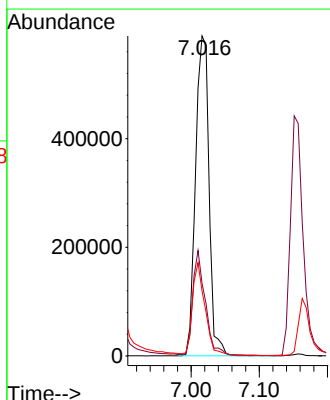
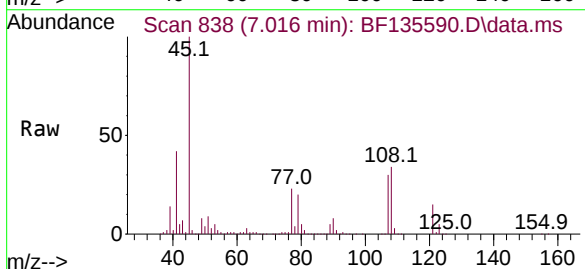
Tgt Ion: 45 Resp: 808349

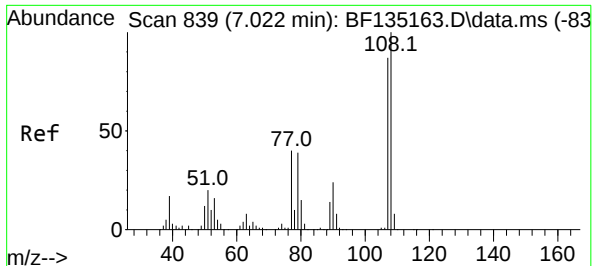
Ion Ratio Lower Upper

45 100

77 22.7 0.0 30.6

79 20.3 0.0 28.3

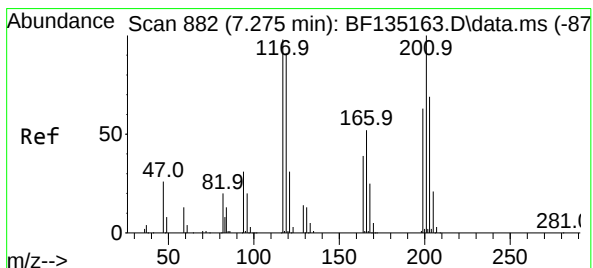
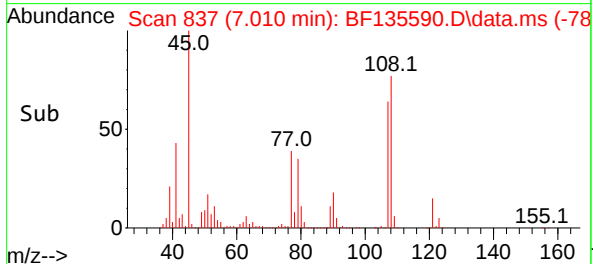
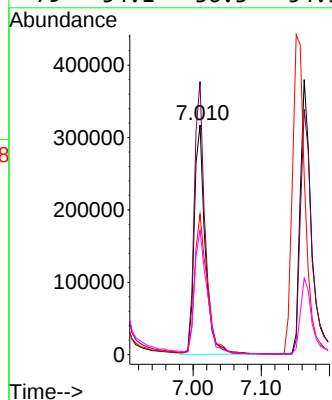
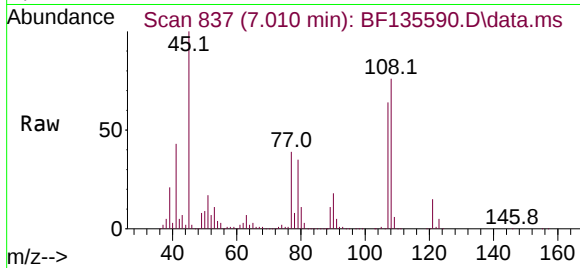




#17
2-Methylphenol
Concen: 42.637 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

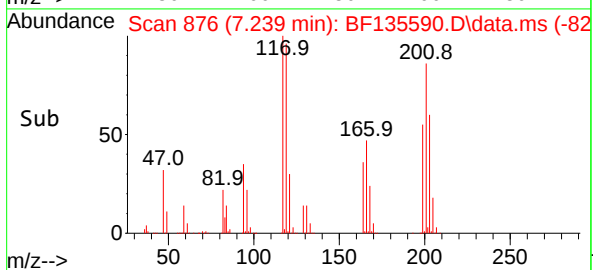
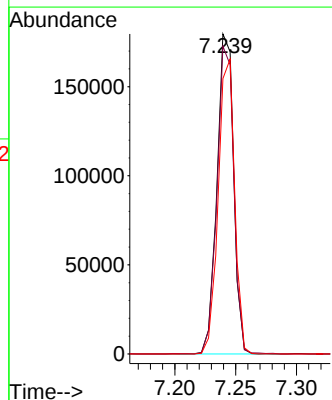
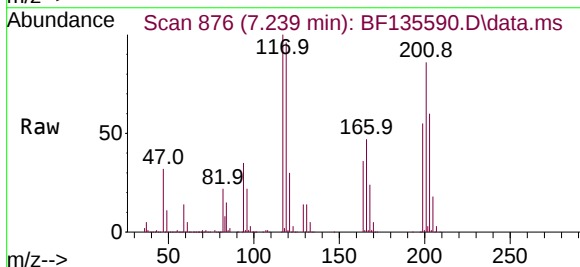
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

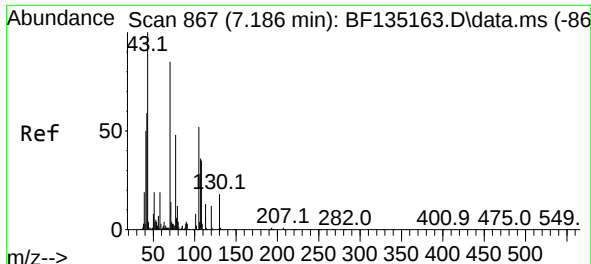
Tgt Ion:107 Resp: 351233
Ion Ratio Lower Upper
107 100
108 118.9 92.0 138.0
77 61.1 36.7 55.1#
79 54.1 36.3 54.5



#18
Hexachloroethane
Concen: 47.917 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:117 Resp: 170892
Ion Ratio Lower Upper
117 100
119 96.2 74.7 112.1
201 86.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.626 ng

RT: 7.157 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

Tgt Ion: 70 Resp: 293579

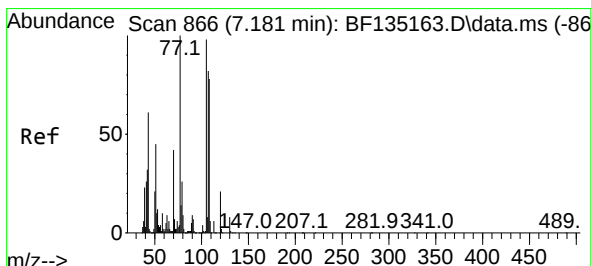
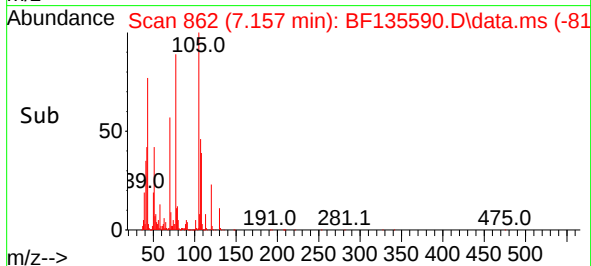
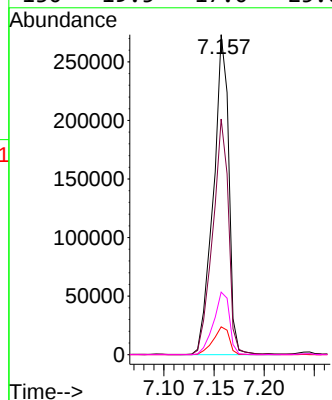
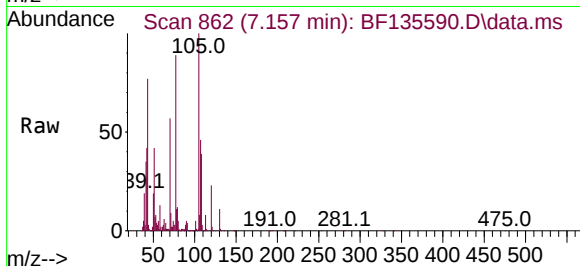
Ion Ratio Lower Upper

70 100

42 73.6 55.4 83.0

101 8.7 7.7 11.5

130 19.5 17.0 25.6



#20

3+4-Methylphenols

Concen: 43.938 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Tgt Ion: 107 Resp: 435242

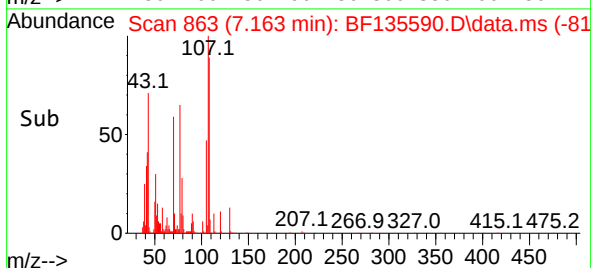
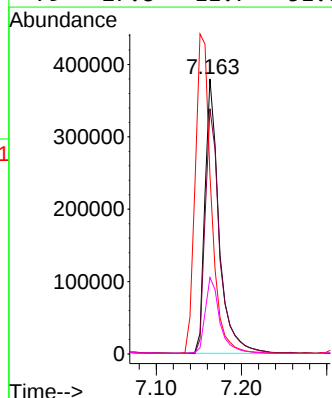
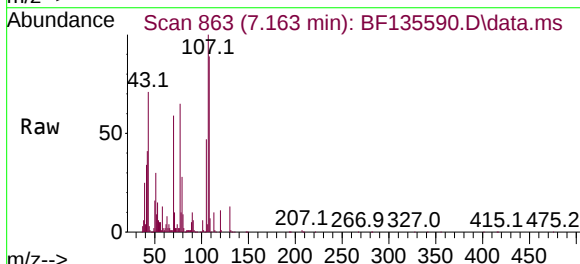
Ion Ratio Lower Upper

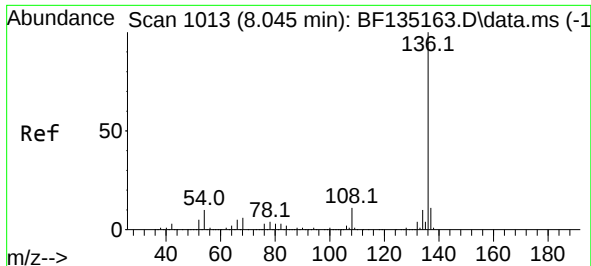
107 100

108 89.2 74.7 114.7

77 65.0 102.0 142.0#

79 27.8 11.7 51.7

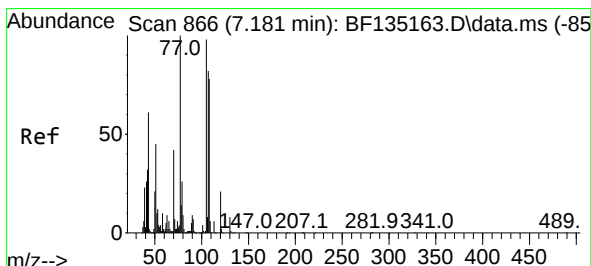
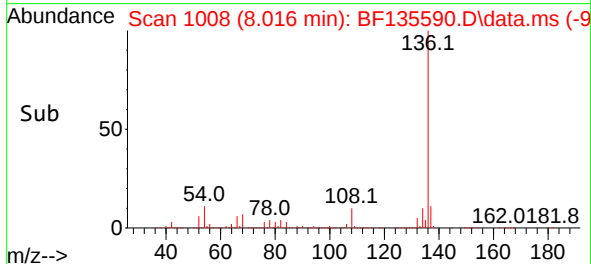
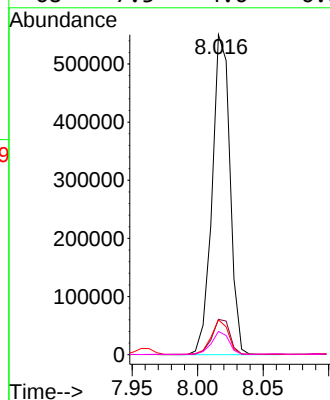
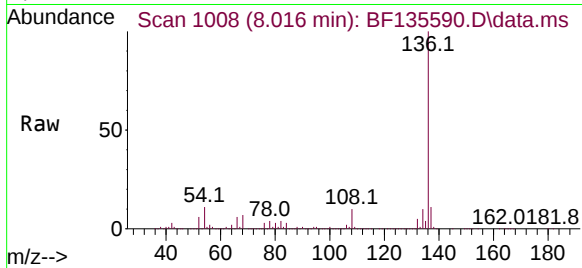




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

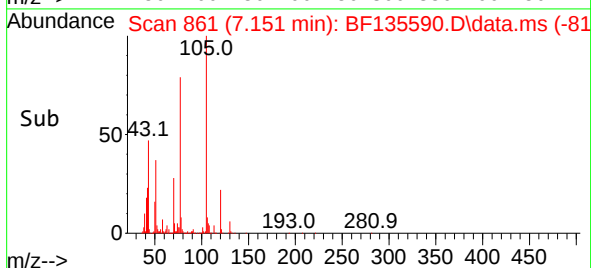
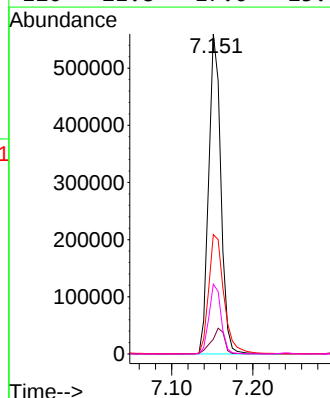
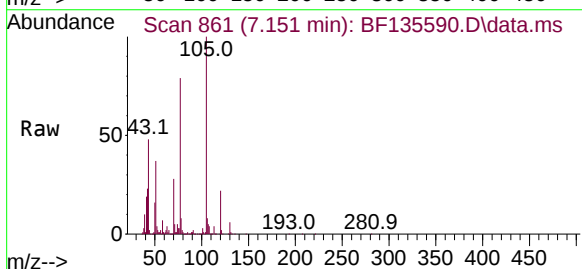
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

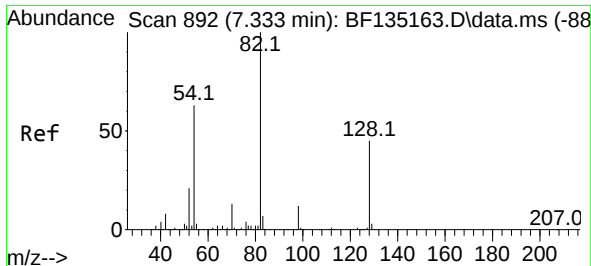
Tgt Ion:136 Resp: 521873
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.9 7.7 11.5
68 7.3 4.6 6.8#



#22
Acetophenone
Concen: 48.642 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:105 Resp: 580360
Ion Ratio Lower Upper
105 100
71 4.6 5.8 8.6#
51 37.3 37.0 55.4
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 71.173 ng

RT: 7.310 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

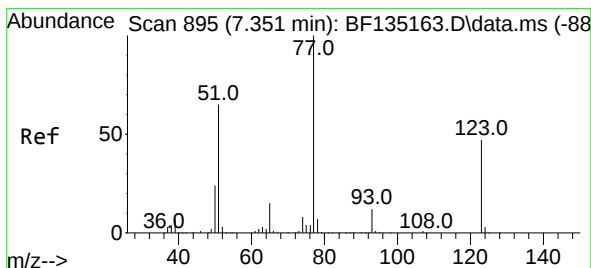
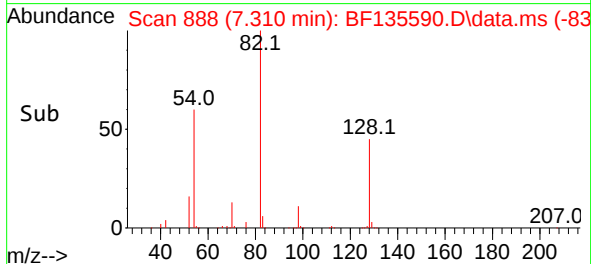
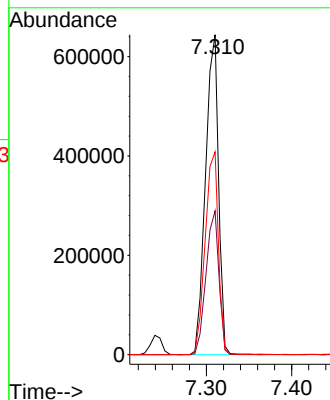
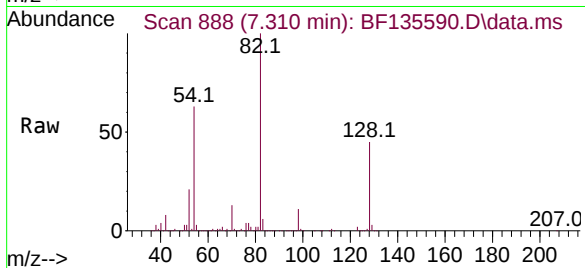
Tgt Ion: 82 Resp: 683668

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

54 63.4 50.6 76.0



#24

Nitrobenzene

Concen: 49.866 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

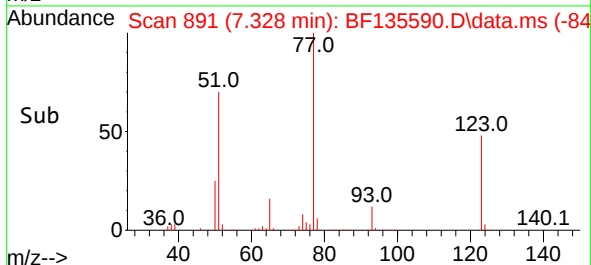
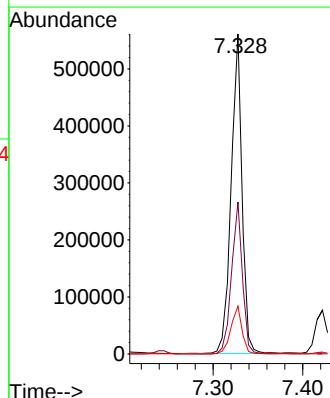
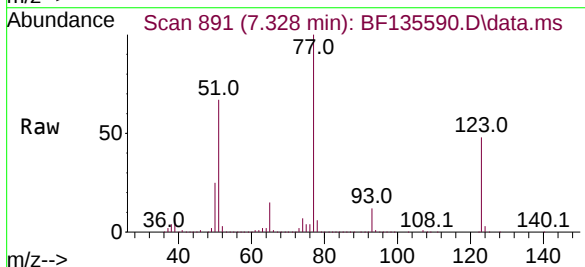
Tgt Ion: 77 Resp: 473438

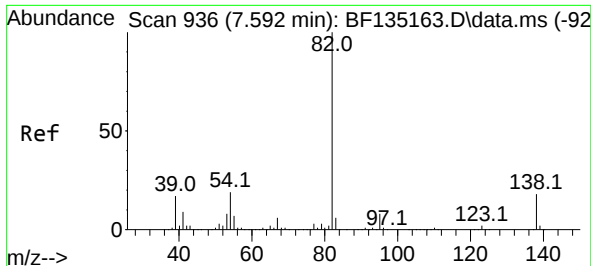
Ion Ratio Lower Upper

77 100

123 47.5 37.6 56.4

65 14.9 12.2 18.4

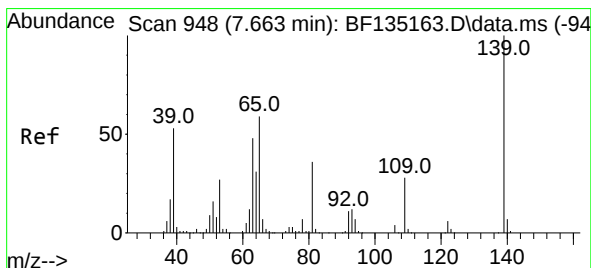
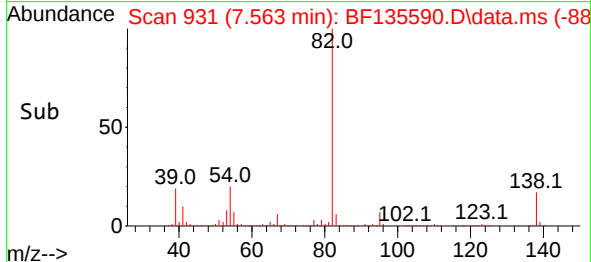
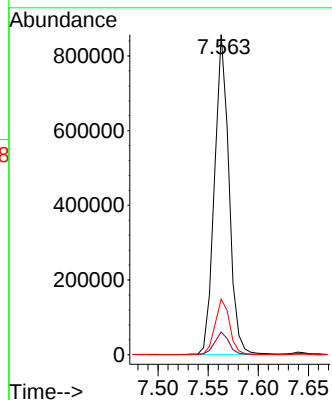
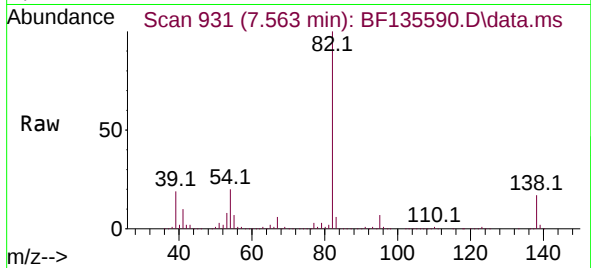




#25
Isophorone
Concen: 48.914 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

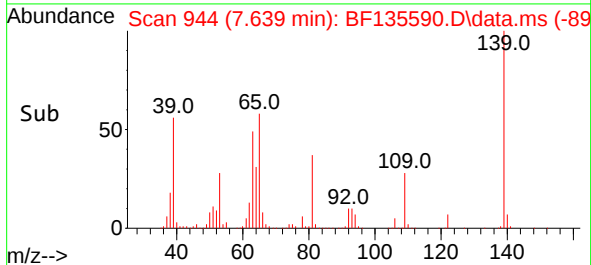
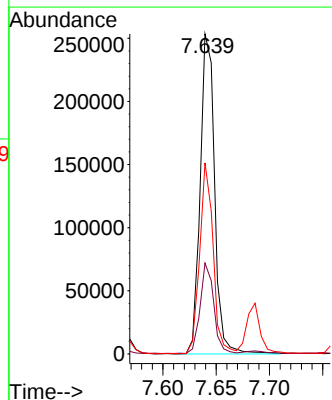
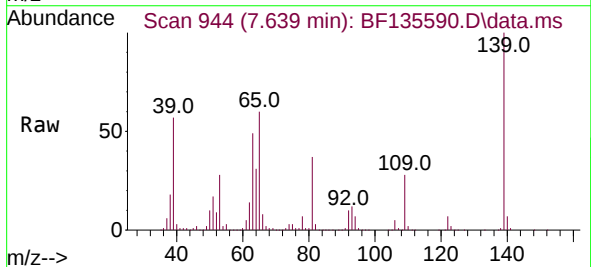
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

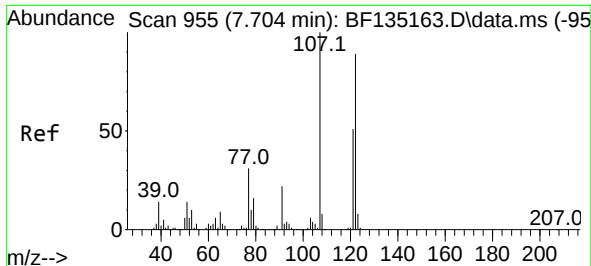
Tgt Ion: 82 Resp: 862781
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.3 14.5 21.7



#26
2-Nitrophenol
Concen: 52.693 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:139 Resp: 240107
Ion Ratio Lower Upper
139 100
109 28.4 22.6 33.8
65 59.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.470 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135590.D

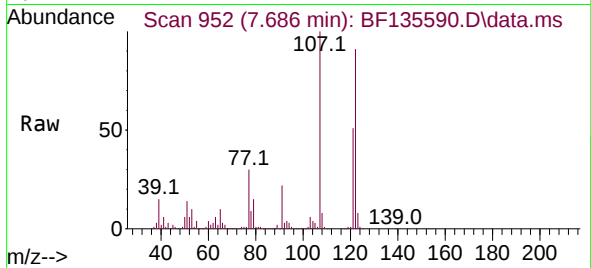
Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS



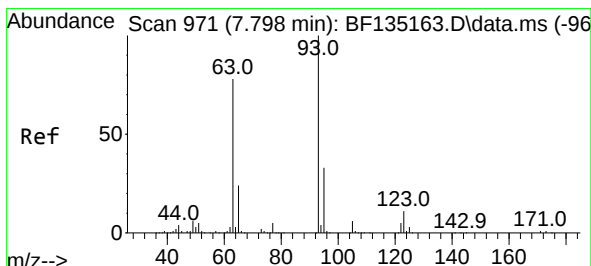
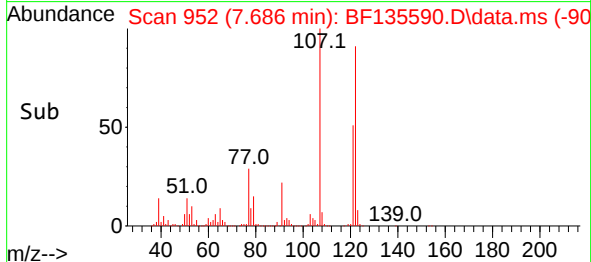
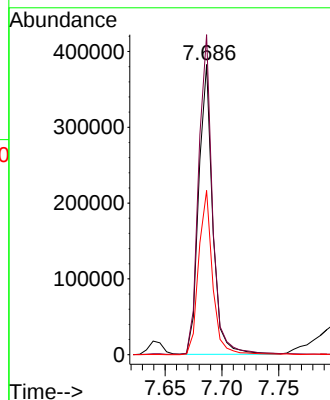
Tgt Ion:122 Resp: 325290

Ion Ratio Lower Upper

122 100

107 110.3 90.2 135.4

121 56.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 50.966 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

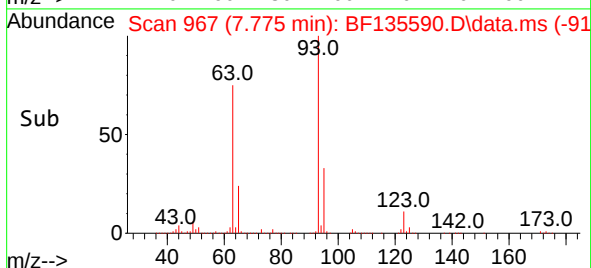
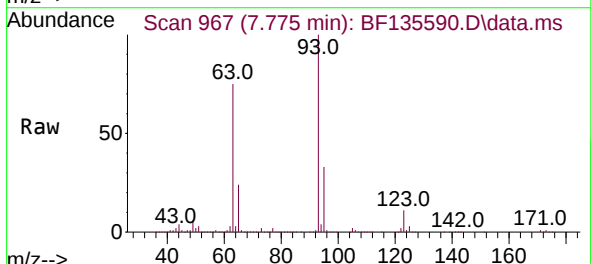
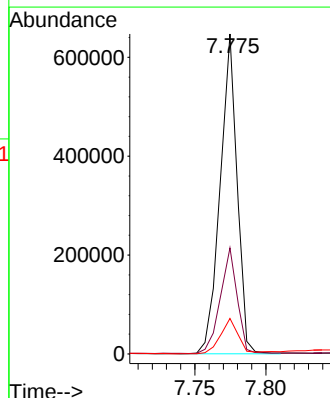
Tgt Ion: 93 Resp: 538062

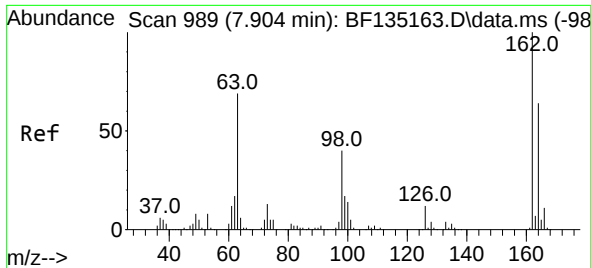
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 11.1 8.8 13.2

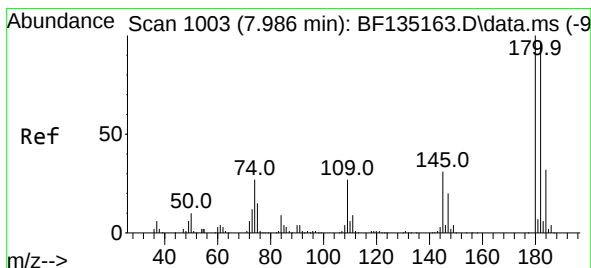
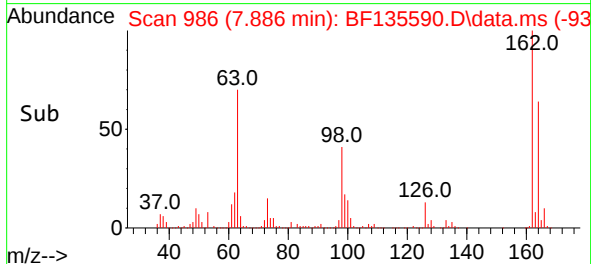
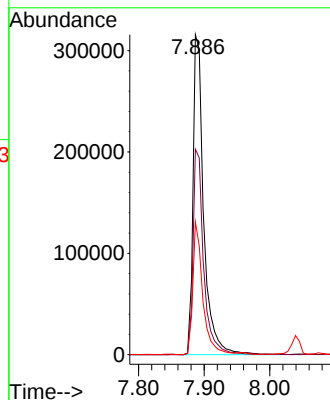
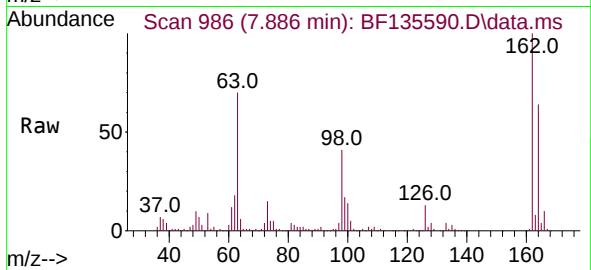




#29
2,4-Dichlorophenol
Concen: 50.496 ng
RT: 7.886 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

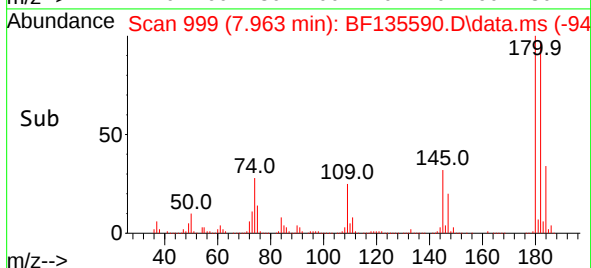
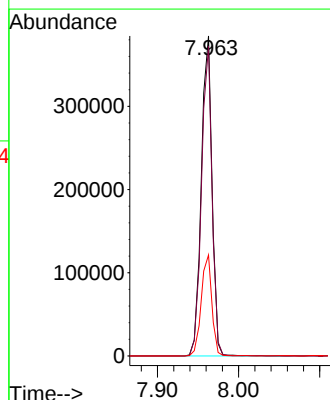
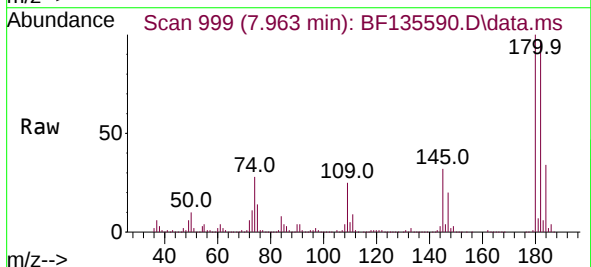
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

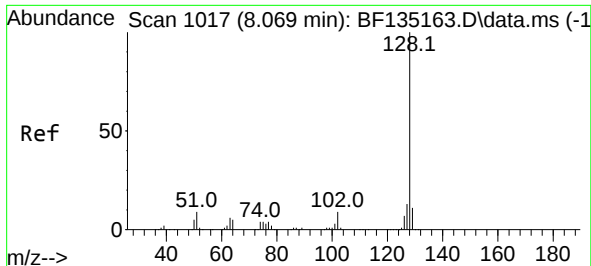
Tgt Ion:162	Resp:	358386
Ion	Ratio	Lower Upper
162	100	
164	64.2	44.1 84.1
98	41.4	20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 47.752 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:180	Resp:	354237
Ion	Ratio	Lower Upper
180	100	
182	96.7	76.9 115.3
145	31.6	24.5 36.7

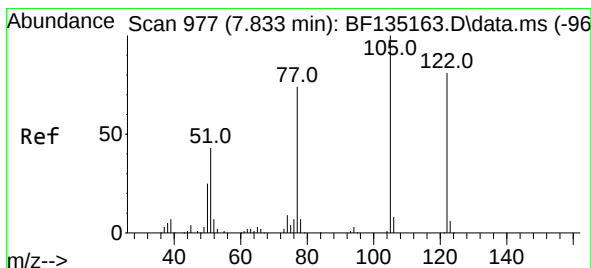
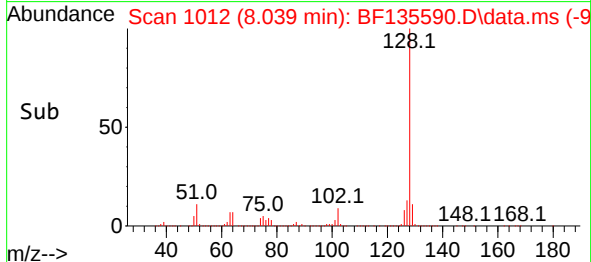
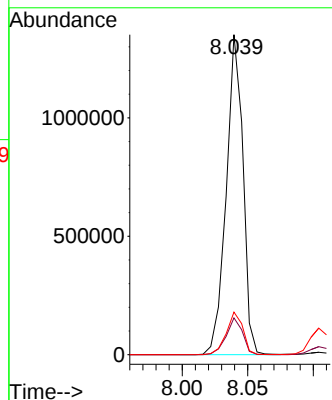
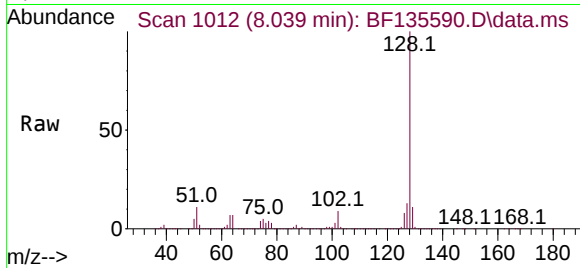




#31
Naphthalene
Concen: 47.256 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

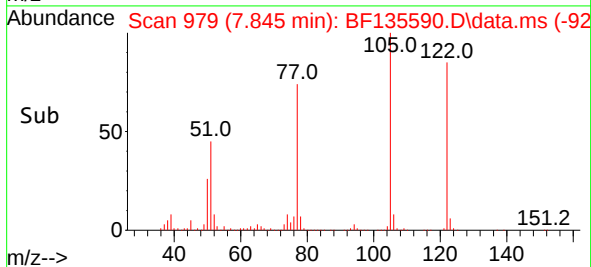
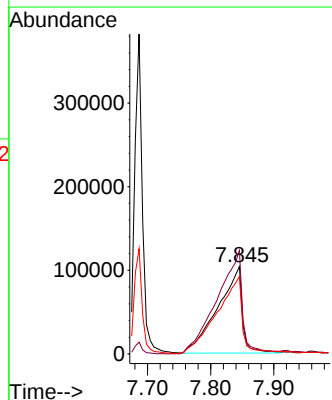
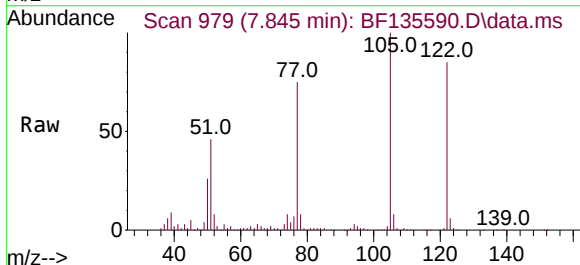
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

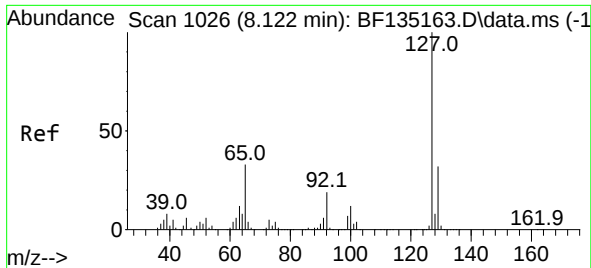
Tgt Ion:128 Resp: 1198245
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 48.516 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.024 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:122 Resp: 279815
Ion Ratio Lower Upper
122 100
105 118.3 99.9 139.9
77 88.6 70.0 110.0

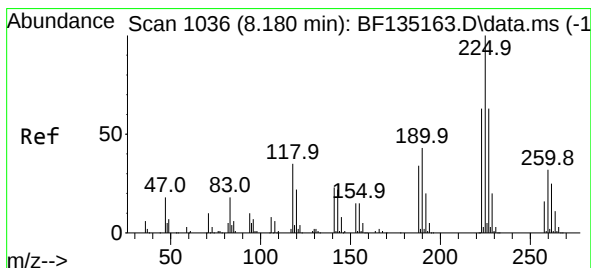
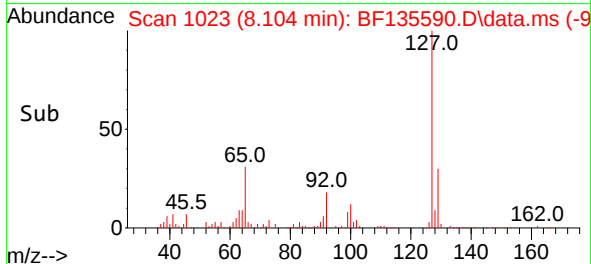
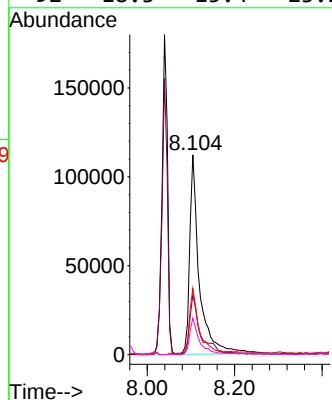
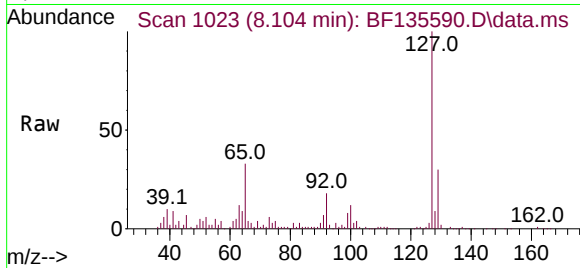




#33
4-Chloroaniline
Concen: 15.599 ng
RT: 8.104 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

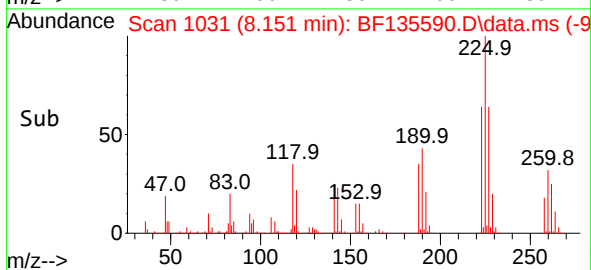
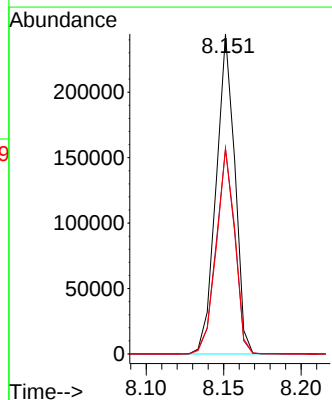
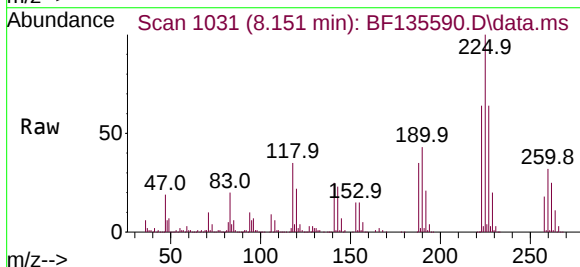
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

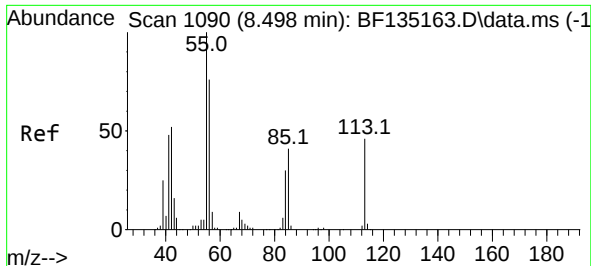
Tgt Ion:	127	Resp:	173542
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.8	38.8
65	33.3	26.6	39.8
92	18.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 45.819 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:	225	Resp:	204953
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	75.8
227	64.2	50.8	76.2

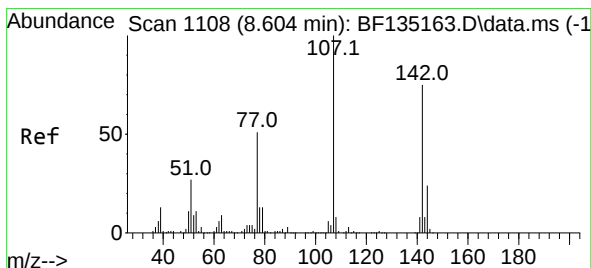
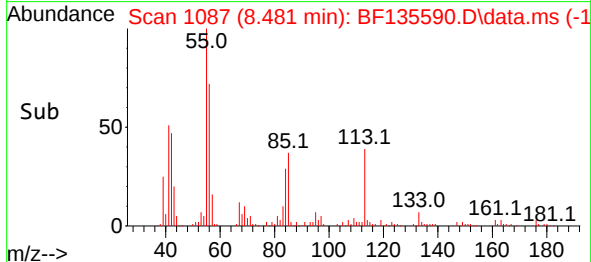
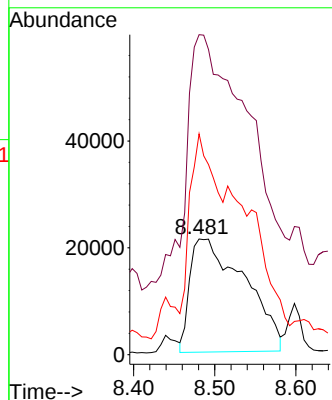
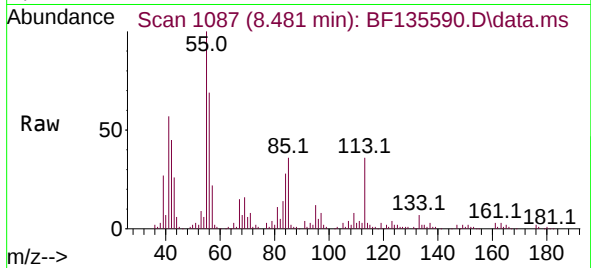




#35
 Caprolactam
 Concen: 41.722 ng
 RT: 8.481 min Scan# 1090
 Delta R.T. 0.012 min
 Lab File: BF135590.D
 Acq: 05 Oct 2023 02:02

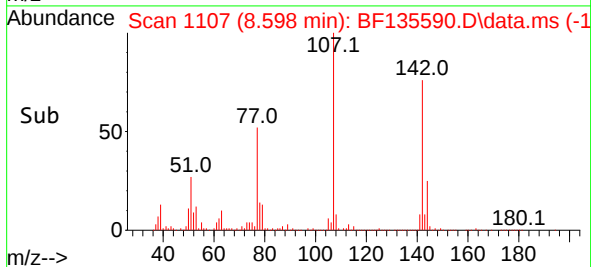
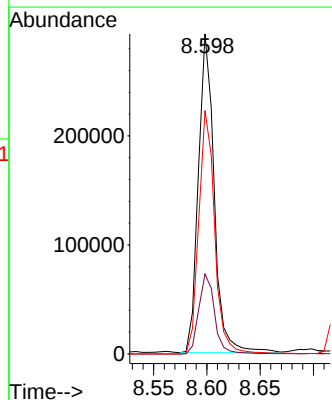
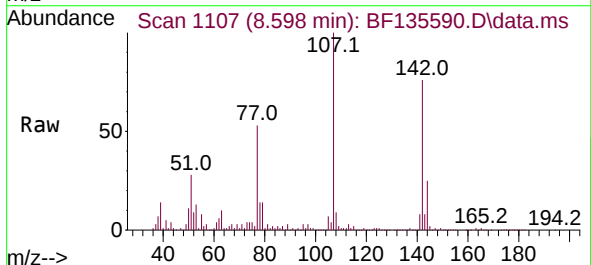
Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MS

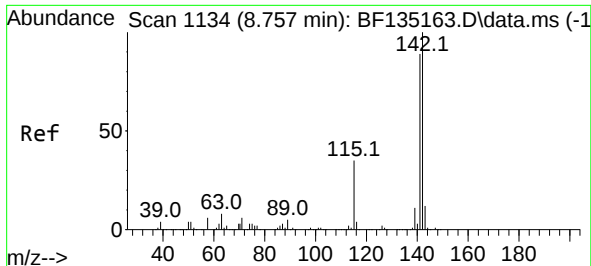
Tgt Ion:113 Resp: 99379
 Ion Ratio Lower Upper
 113 100
 55 276.6 199.3 239.3#
 56 190.9 146.3 186.3#



#36
 4-Chloro-3-methylphenol
 Concen: 38.454 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.012 min
 Lab File: BF135590.D
 Acq: 05 Oct 2023 02:02

Tgt Ion:107 Resp: 303330
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.0 28.4
 142 76.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 33.886 ng

RT: 8.733 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

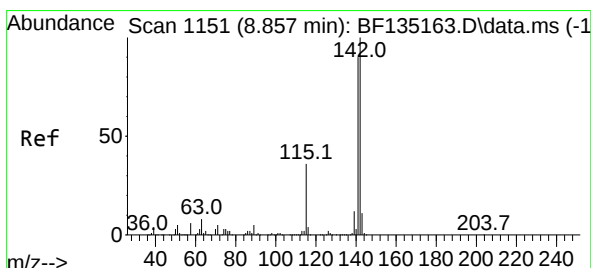
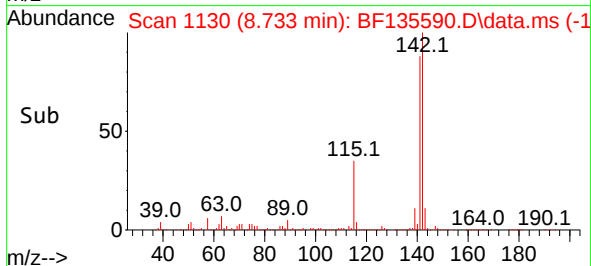
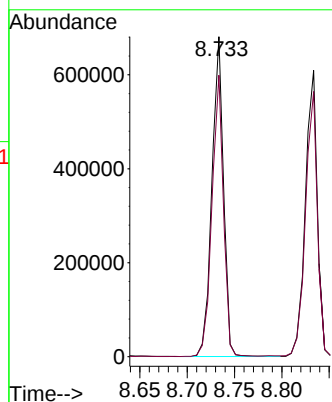
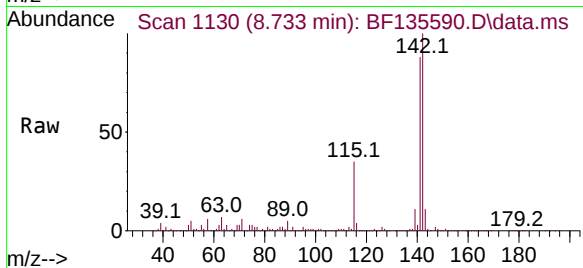
RBR200027MS

Tgt Ion:142 Resp: 577573

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 33.638 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135590.D

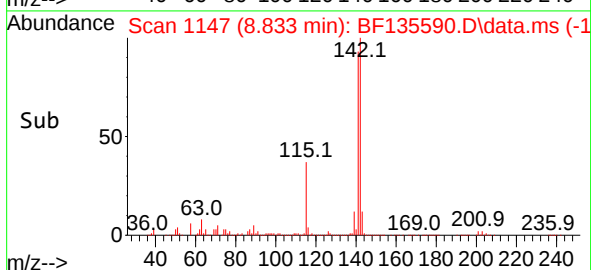
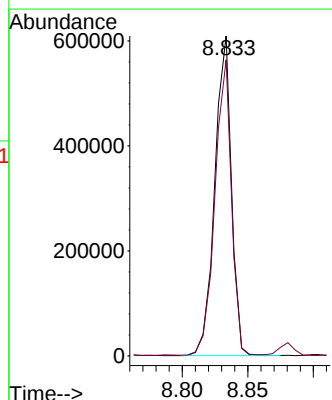
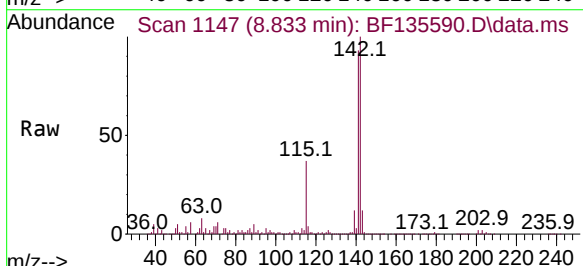
Acq: 05 Oct 2023 02:02

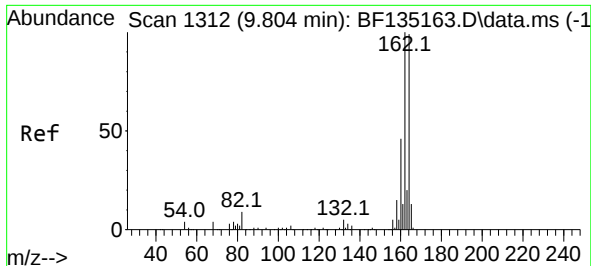
Tgt Ion:142 Resp: 536781

Ion Ratio Lower Upper

142 100

141 92.6 72.4 108.6

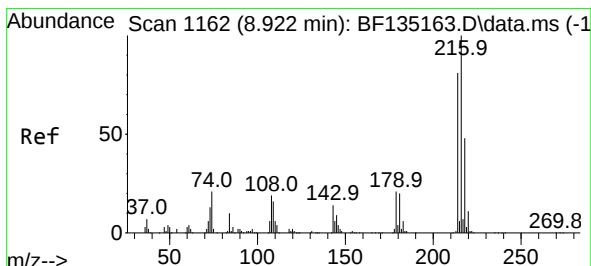
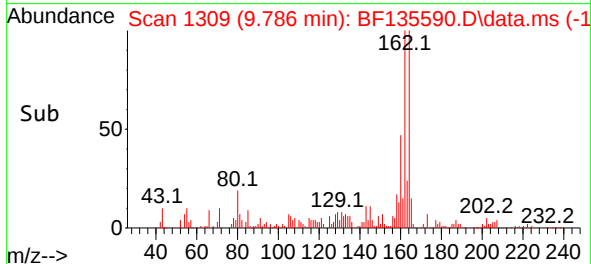
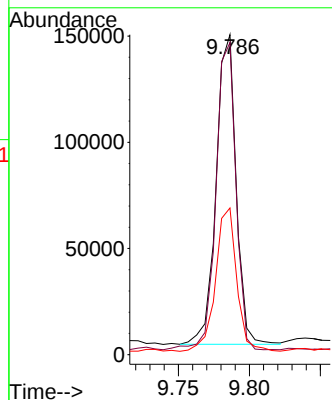
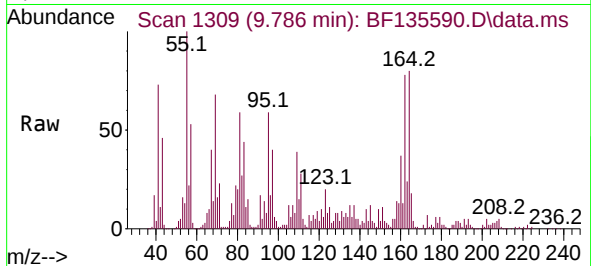




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1158
Delta R.T. 0.012 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

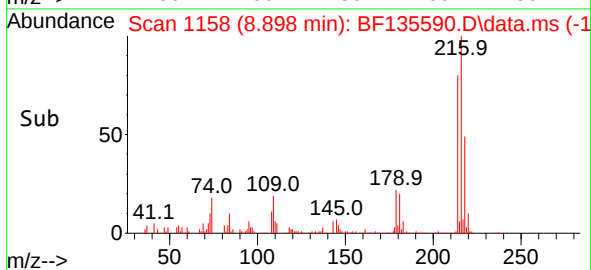
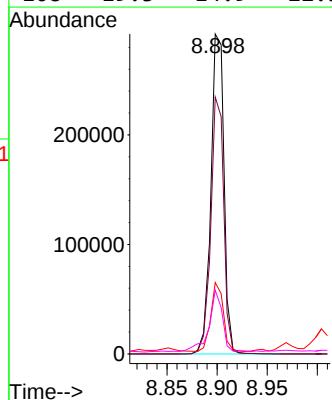
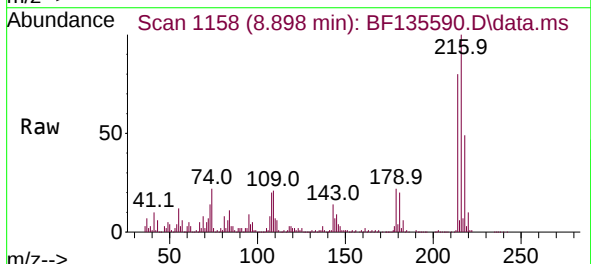
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

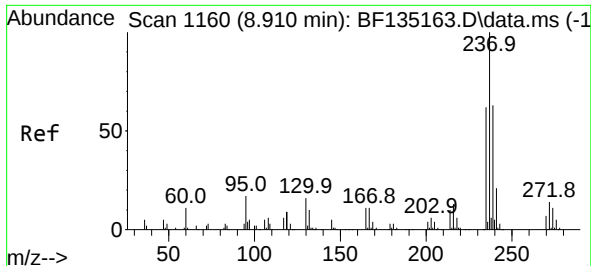
Tgt Ion:164 Resp: 142646
Ion Ratio Lower Upper
164 100
162 97.5 81.0 121.4
160 45.9 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.541 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:216 Resp: 266721
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.5 16.7 25.1
108 19.3 14.9 22.3

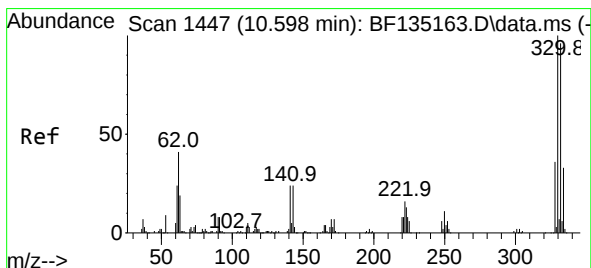
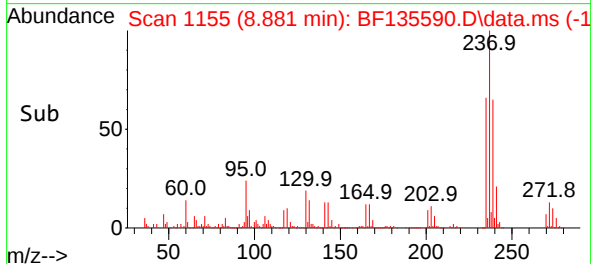
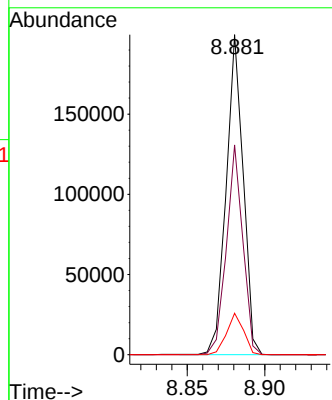
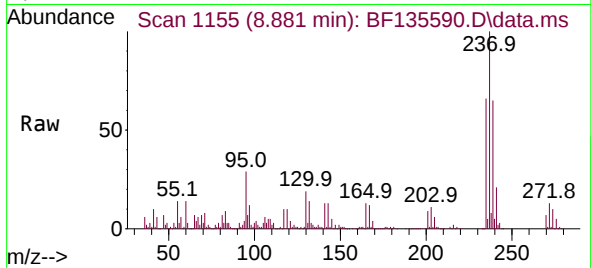




#41
Hexachlorocyclopentadiene
Concen: 83.366 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

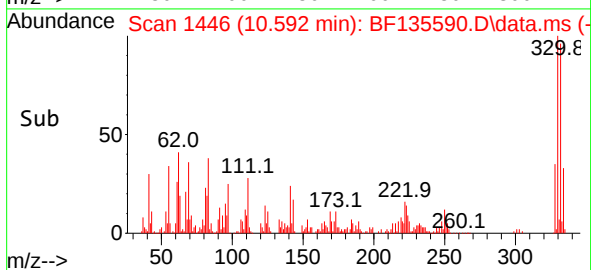
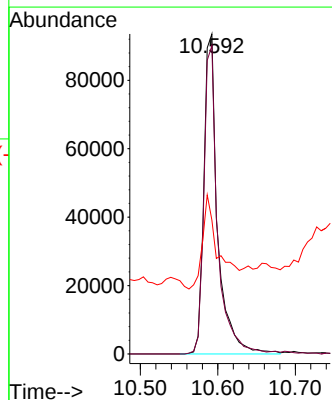
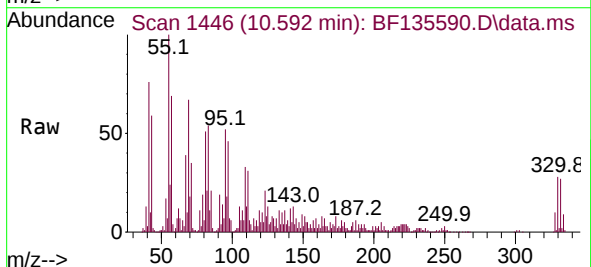
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BNA_F
ClientSampleId :
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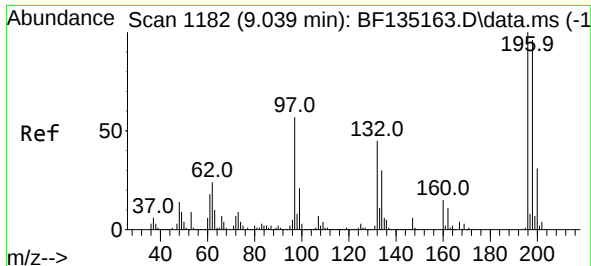
Tgt Ion:237 Resp: 152427
Ion Ratio Lower Upper
237 100
235 65.5 41.8 81.8
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 81.706 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.024 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:330 Resp: 115823
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 34.6 25.8 38.8

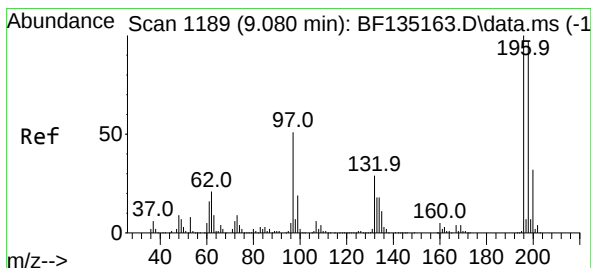
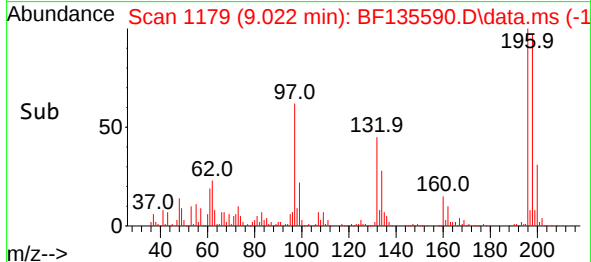
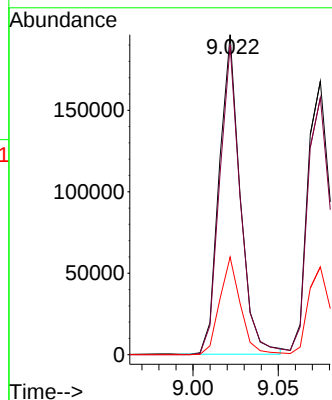
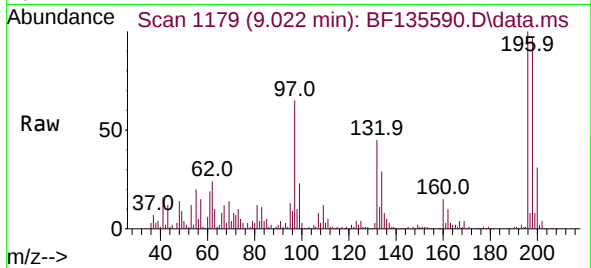




#43
2,4,6-Trichlorophenol
Concen: 62.079 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

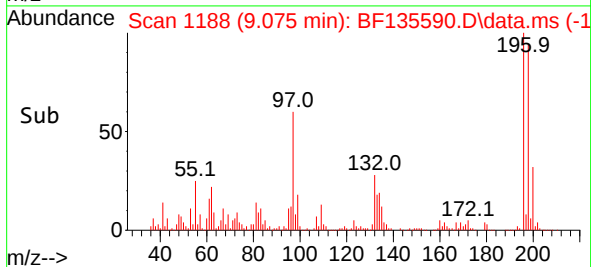
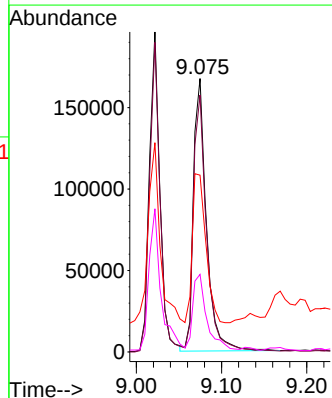
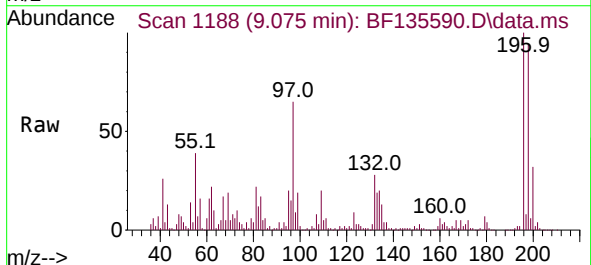
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

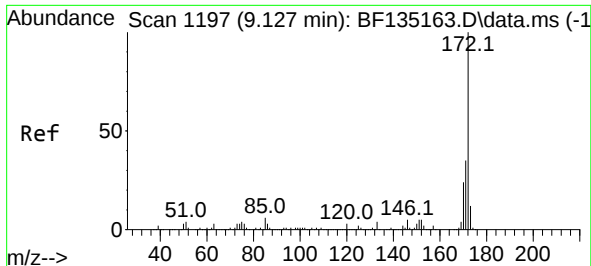
Tgt Ion:196 Resp: 167971
Ion Ratio Lower Upper
196 100
198 96.8 77.0 115.6
200 30.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 57.023 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:196 Resp: 177685
Ion Ratio Lower Upper
196 100
198 93.9 77.5 116.3
97 64.6 40.5 60.7#
132 28.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 87.349 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

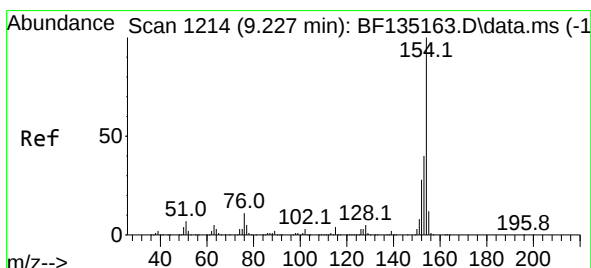
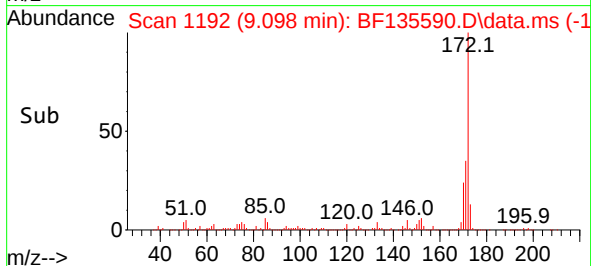
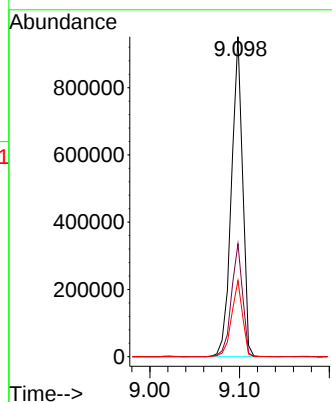
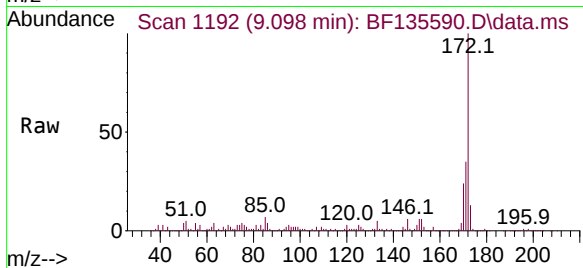
Tgt Ion:172 Resp: 825862

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 61.043 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

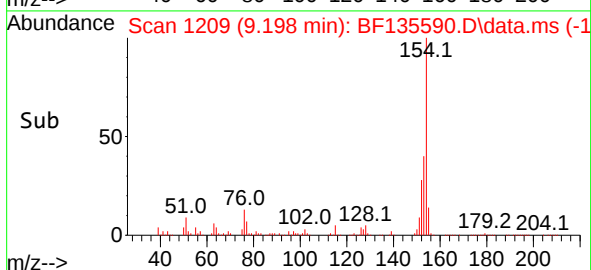
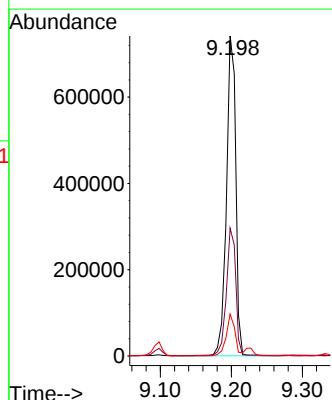
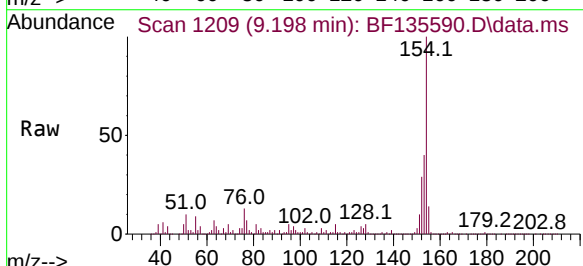
Tgt Ion:154 Resp: 669162

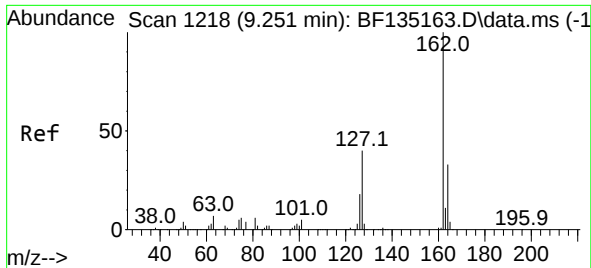
Ion Ratio Lower Upper

154 100

153 39.9 19.6 59.6

76 13.1 0.0 31.0





#47

2-Chloronaphthalene

Concen: 59.391 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

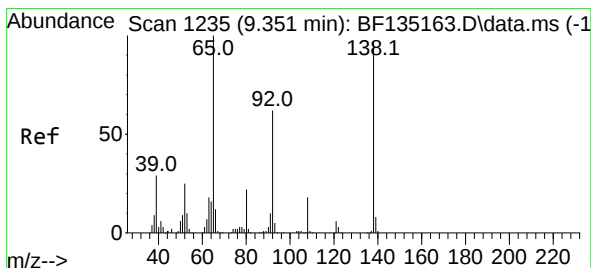
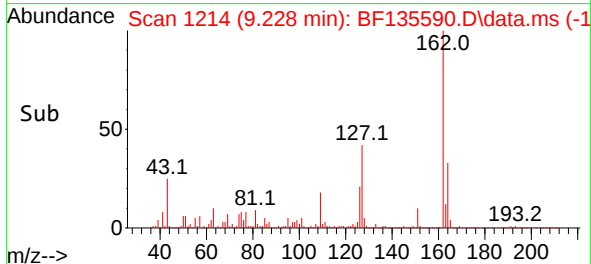
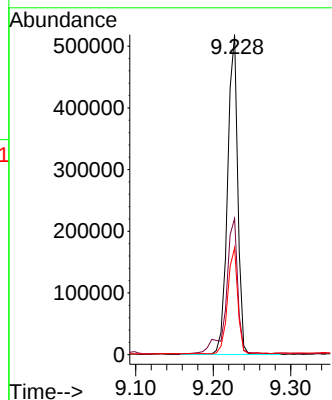
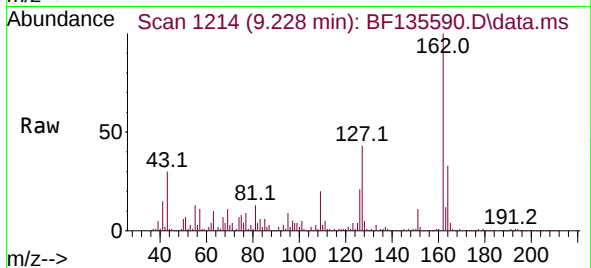
Tgt Ion:162 Resp: 472379

Ion Ratio Lower Upper

162 100

127 42.6 32.6 48.8

164 33.4 26.2 39.2



#48

2-Nitroaniline

Concen: 67.363 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

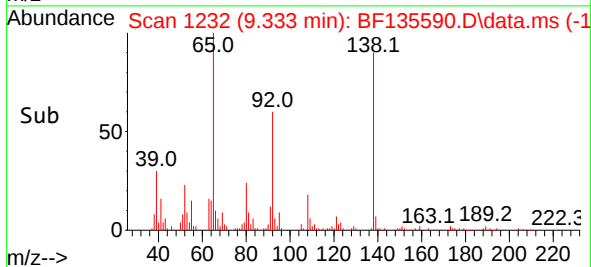
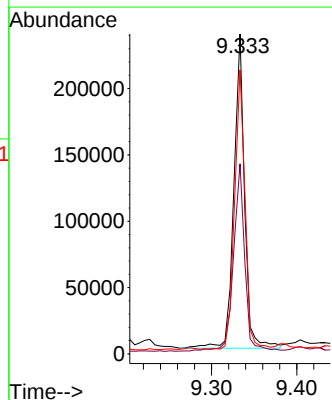
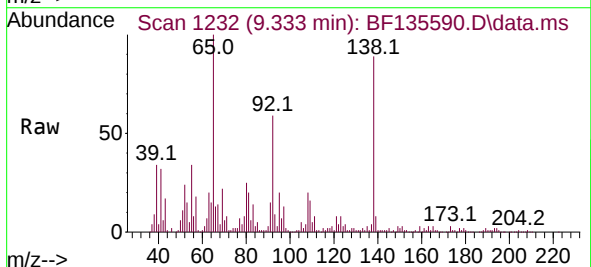
Tgt Ion: 65 Resp: 208149

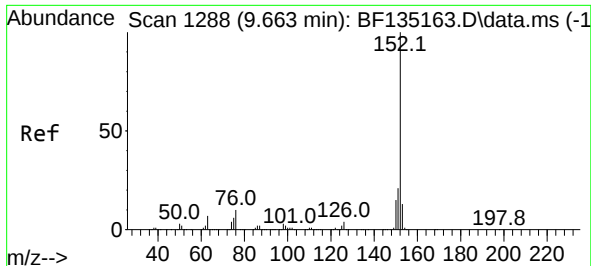
Ion Ratio Lower Upper

65 100

92 59.4 49.4 74.0

138 88.8 77.4 116.0





#49

Acenaphthylene

Concen: 51.357 ng

RT: 9.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

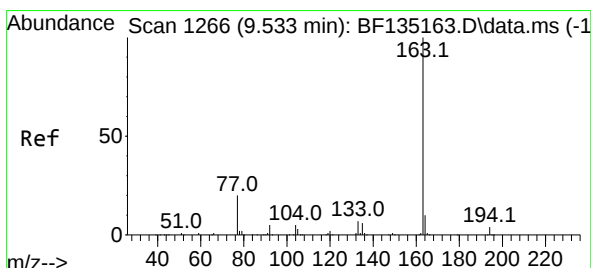
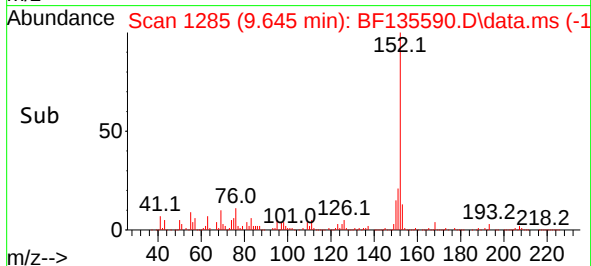
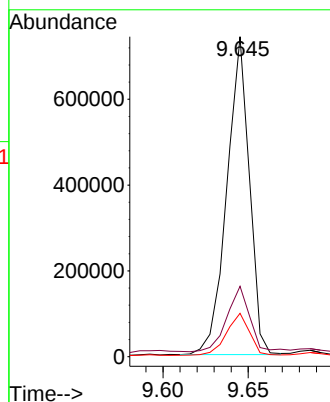
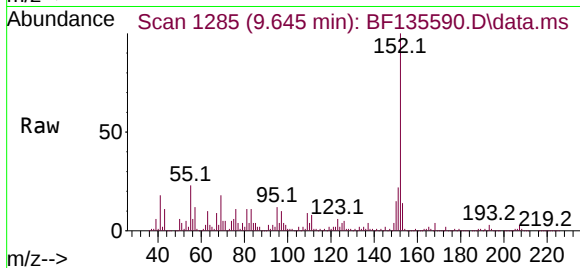
Tgt Ion:152 Resp: 678857

Ion Ratio Lower Upper

152 100

151 22.0 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 54.291 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

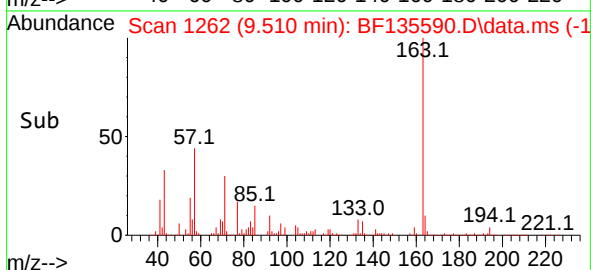
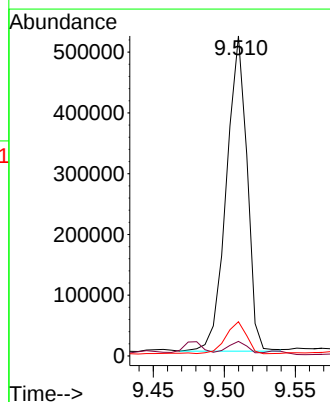
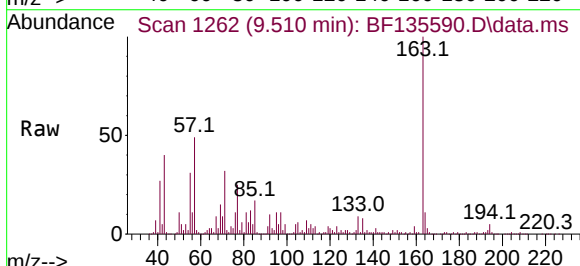
Tgt Ion:163 Resp: 523595

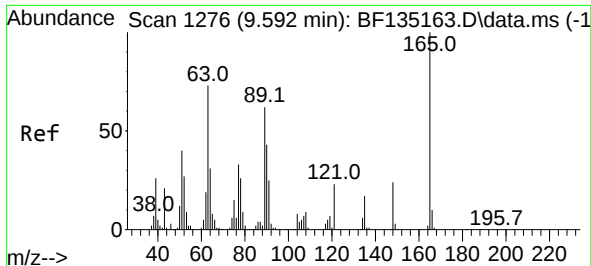
Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

164 10.7 8.1 12.1

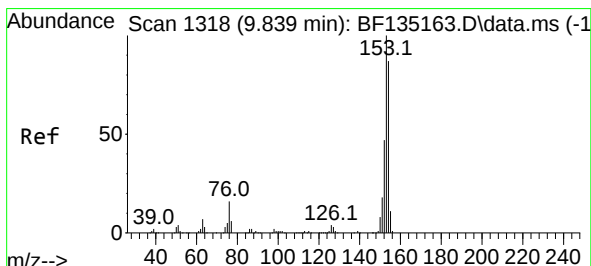
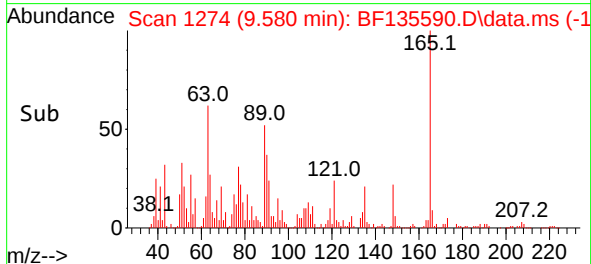
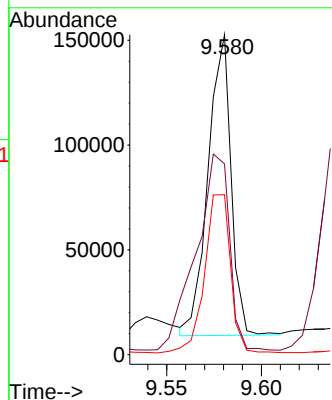
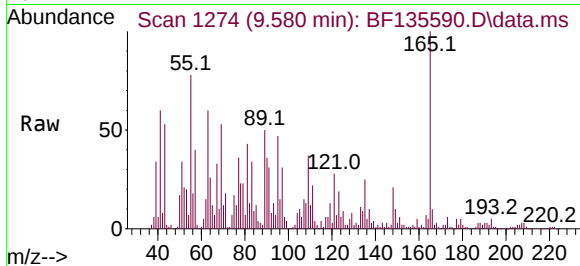




#51
2,6-Dinitrotoluene
Concen: 57.165 ng
RT: 9.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

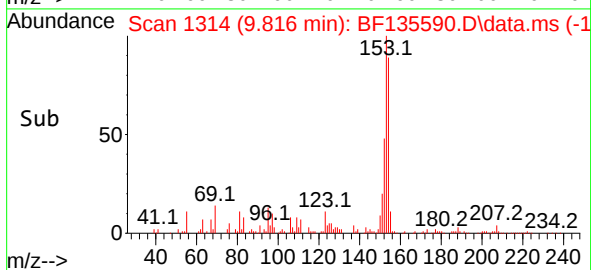
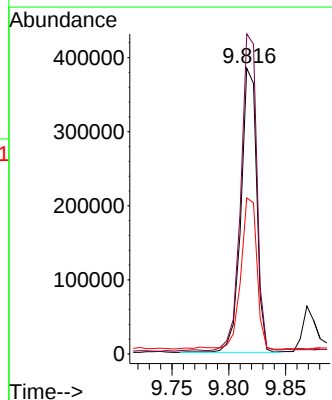
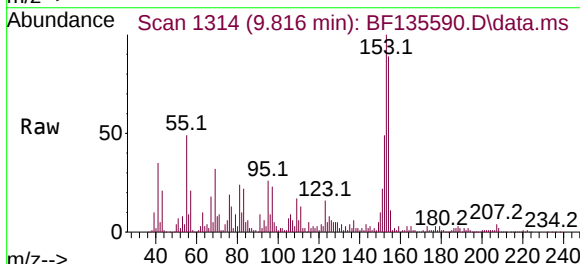
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

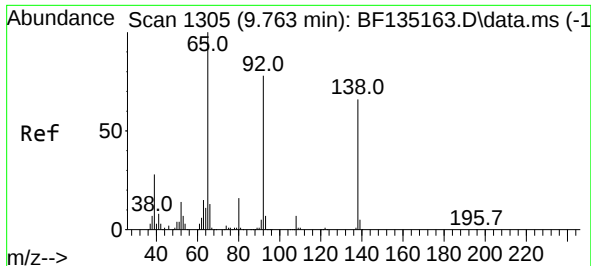
Tgt Ion:165 Resp: 120776
Ion Ratio Lower Upper
165 100
63 59.6 59.4 89.2
89 50.0 49.8 74.8



#52
Acenaphthene
Concen: 47.181 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:154 Resp: 368423
Ion Ratio Lower Upper
154 100
153 112.0 92.1 138.1
152 54.6 43.1 64.7

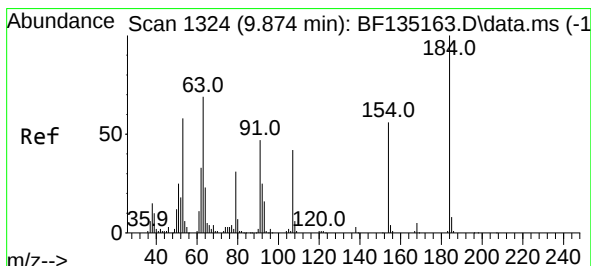
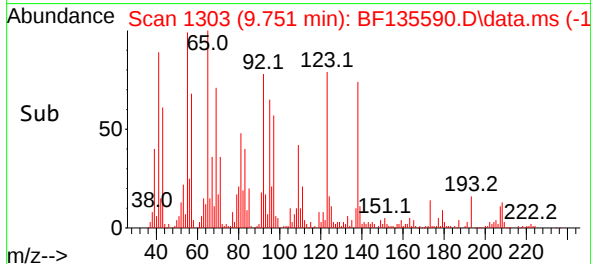
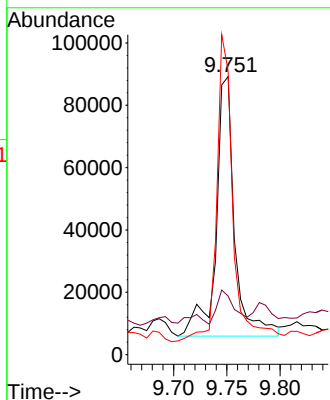
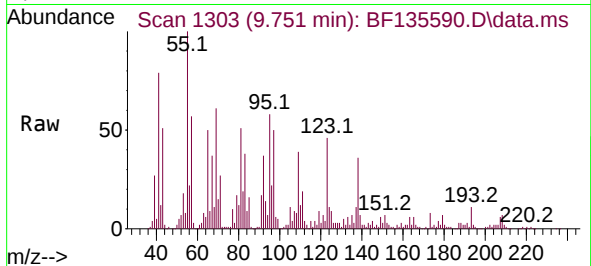




#53
3-Nitroaniline
Concen: 40.864 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

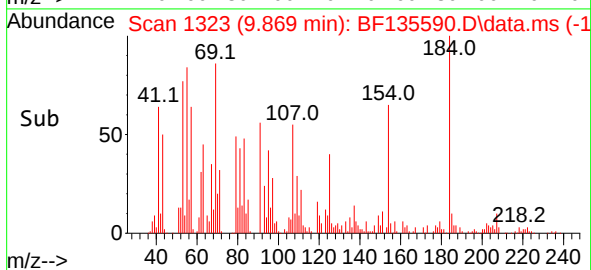
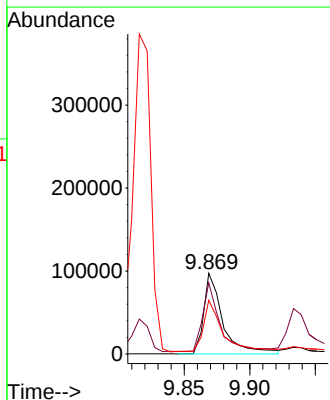
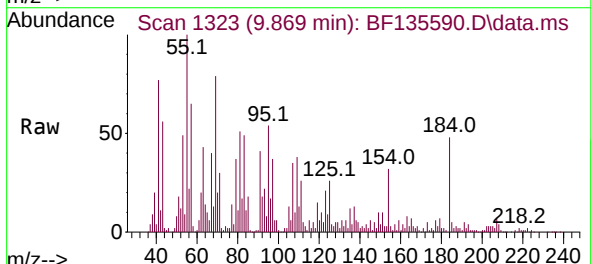
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

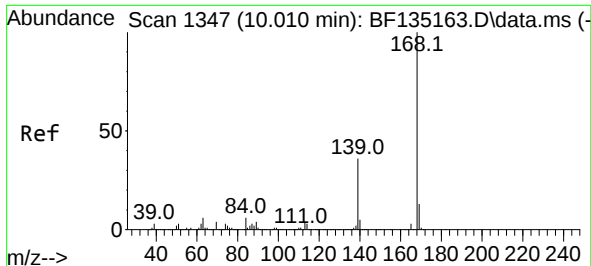
Tgt Ion:138 Resp: 101343
Ion Ratio Lower Upper
138 100
108 21.1 8.5 12.7#
92 102.0 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 82.301 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:184 Resp: 98946
Ion Ratio Lower Upper
184 100
63 88.3 55.1 82.7#
154 66.5 48.4 72.6

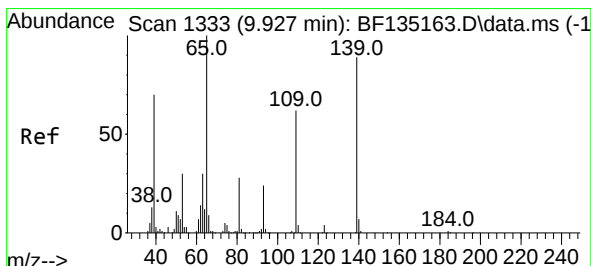
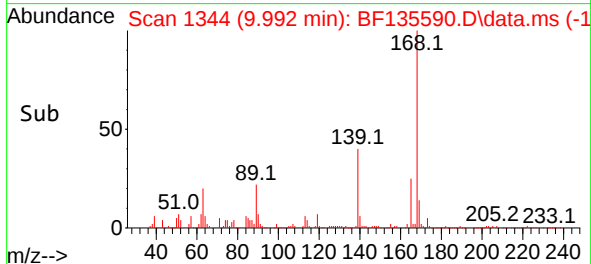
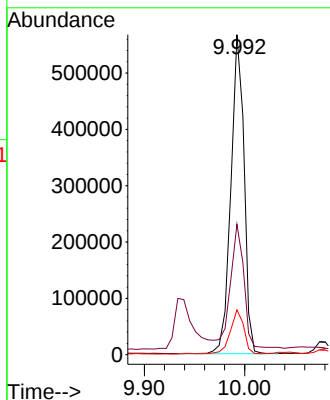
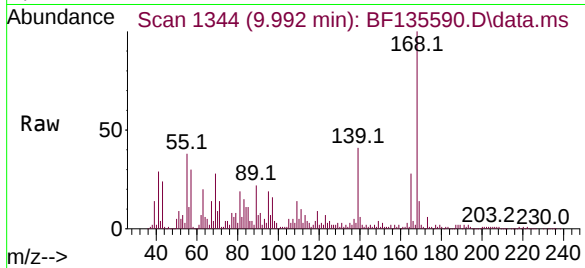




#55
Dibenzenofuran
Concen: 43.450 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

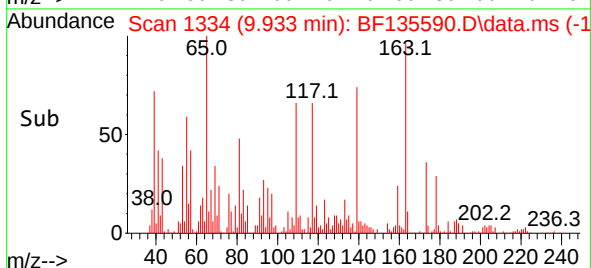
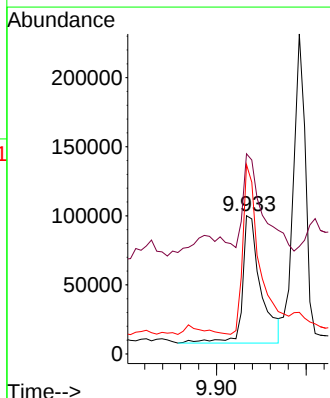
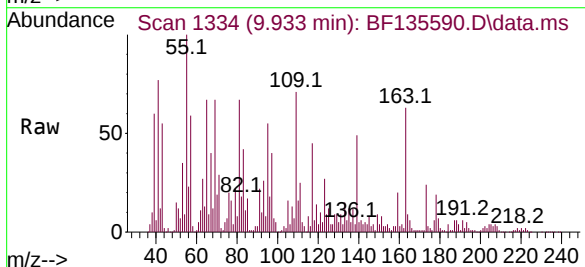
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

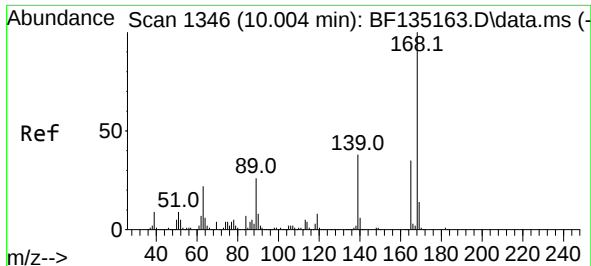
Tgt Ion:168 Resp: 517754
Ion Ratio Lower Upper
168 100
139 40.8 29.0 43.6
169 14.0 10.4 15.6



#56
4-Nitrophenol
Concen: 83.149 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:139 Resp: 131057
Ion Ratio Lower Upper
139 100
109 144.7 49.8 89.8#
65 136.9 92.7 132.7#

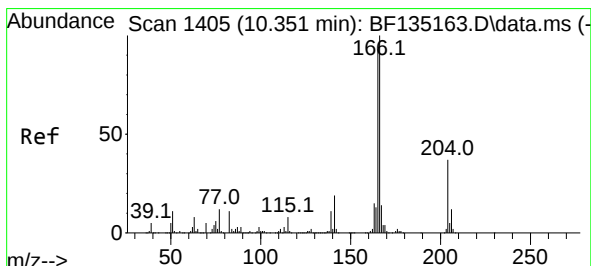
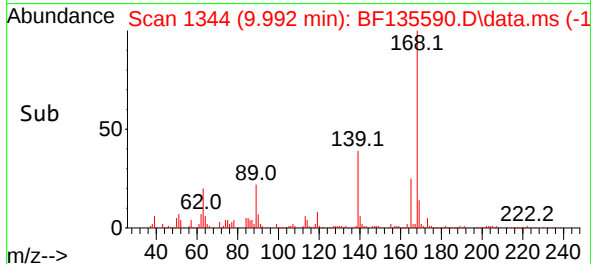
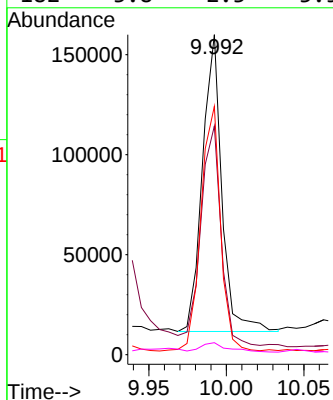
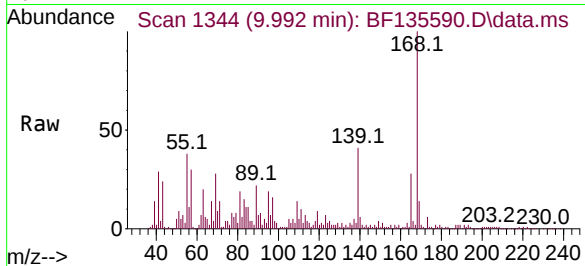




#57
2,4-Dinitrotoluene
Concen: 48.865 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

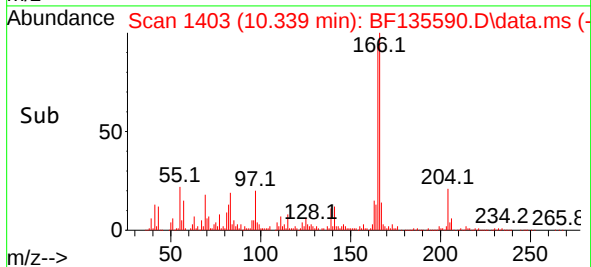
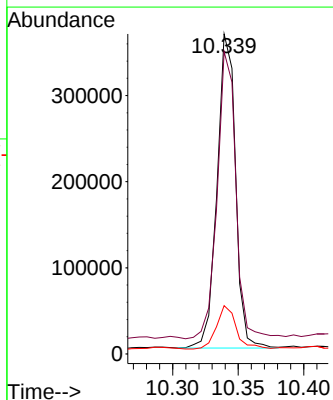
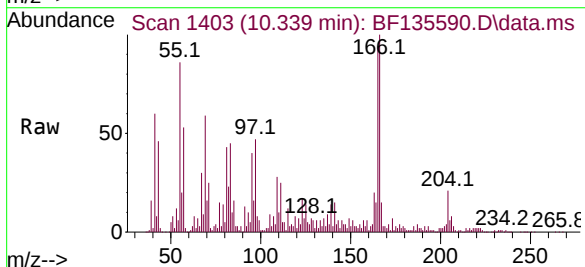
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

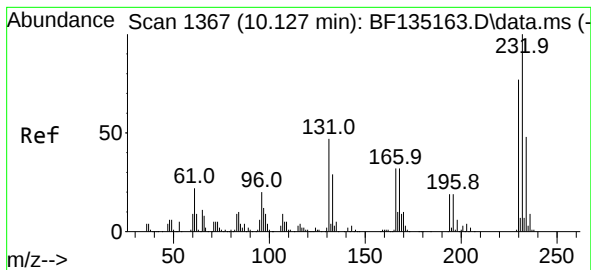
Tgt Ion:165 Resp: 129247
Ion Ratio Lower Upper
165 100
63 71.5 50.1 75.1
89 77.6 59.3 88.9
182 3.8 2.3 3.5#



#58
Fluorene
Concen: 38.965 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:166 Resp: 356940
Ion Ratio Lower Upper
166 100
165 94.4 74.3 111.5
167 15.1 10.9 16.3

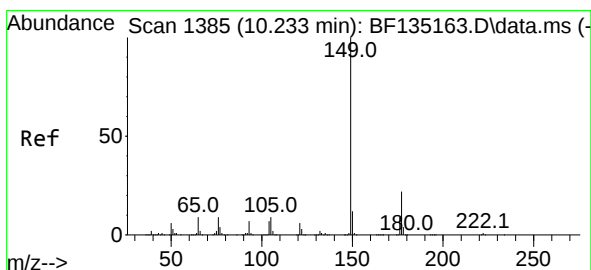
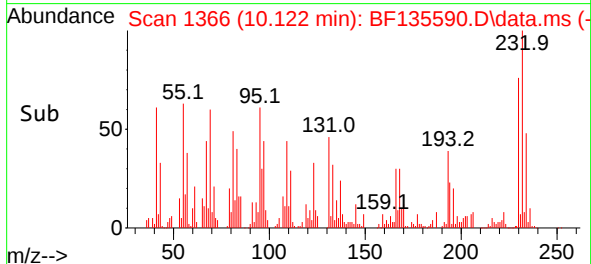
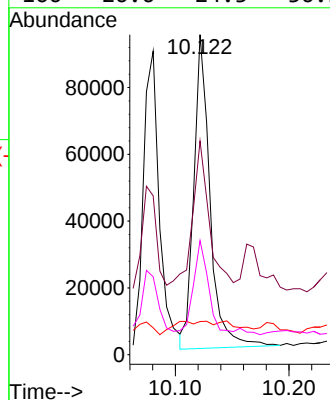
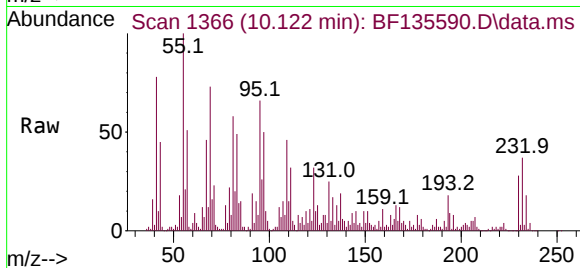




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.819 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.012 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

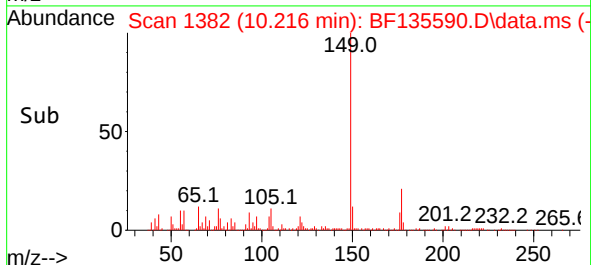
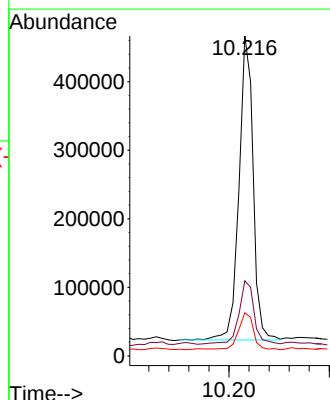
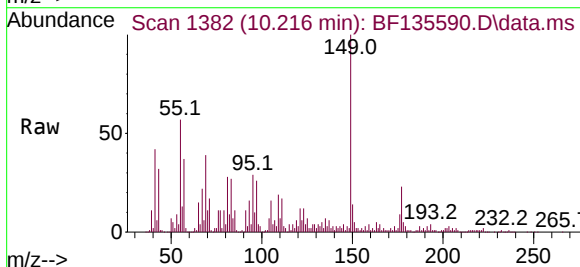
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

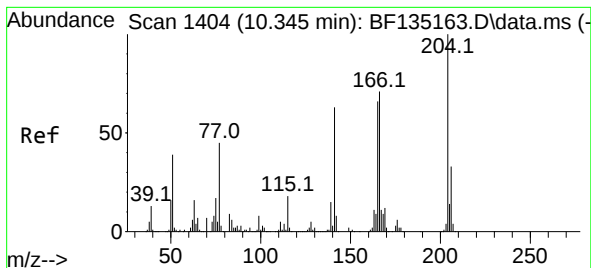
Tgt Ion:232 Resp: 93047
Ion Ratio Lower Upper
232 100
131 55.5 35.4 53.2#
130 5.8 1.8 2.8#
166 26.6 24.3 36.5



#60
Diethylphthalate
Concen: 45.064 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:149 Resp: 436173
Ion Ratio Lower Upper
149 100
177 23.5 17.8 26.6
150 13.5 10.0 15.0

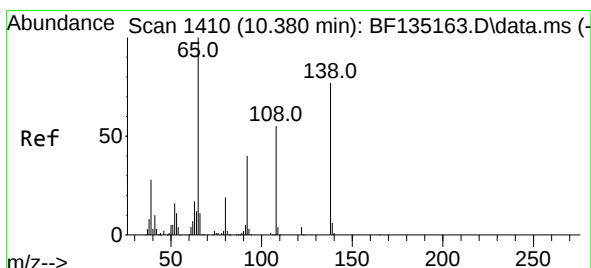
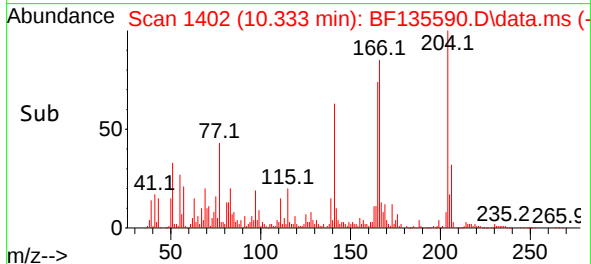
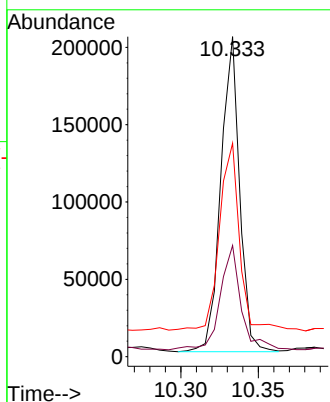
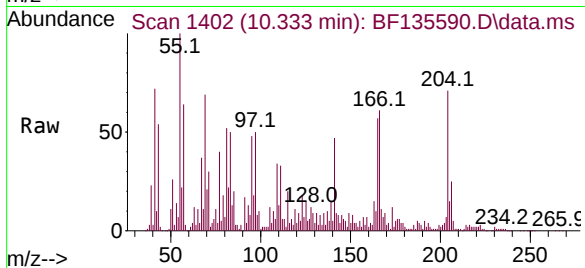




#61
4-Chlorophenyl-phenylether
Concen: 39.058 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.018 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

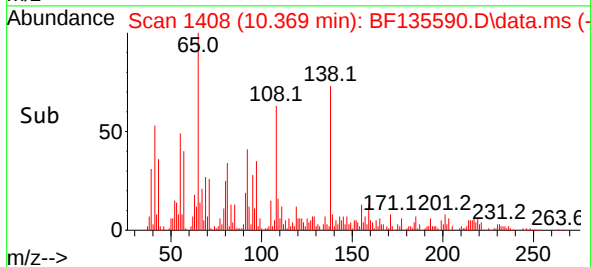
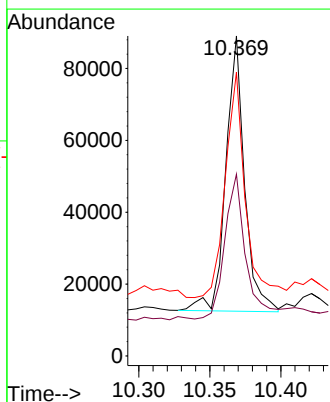
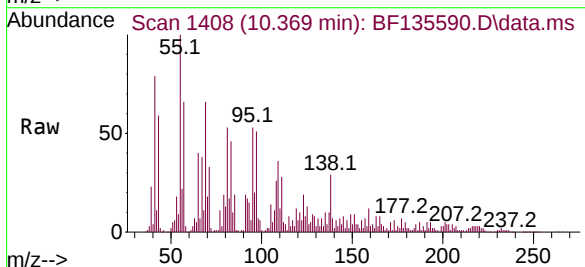
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

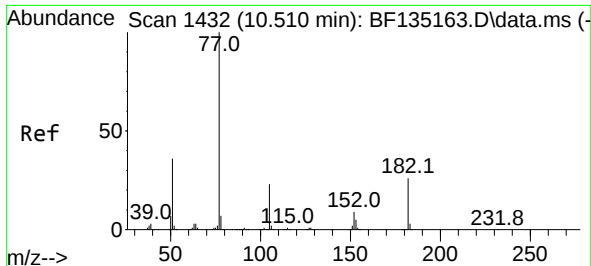
Tgt Ion:204 Resp: 171871
Ion Ratio Lower Upper
204 100
206 34.7 26.7 40.1
141 66.7 50.6 75.8



#62
4-Nitroaniline
Concen: 29.356 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:138 Resp: 69982
Ion Ratio Lower Upper
138 100
92 56.8 31.8 71.8
108 88.7 52.0 92.0

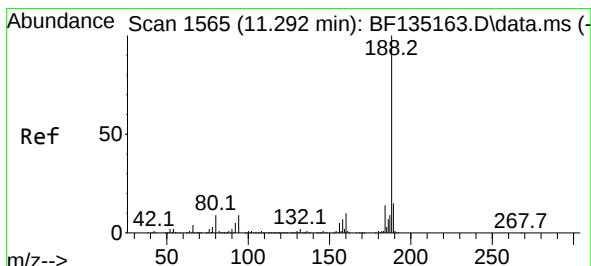
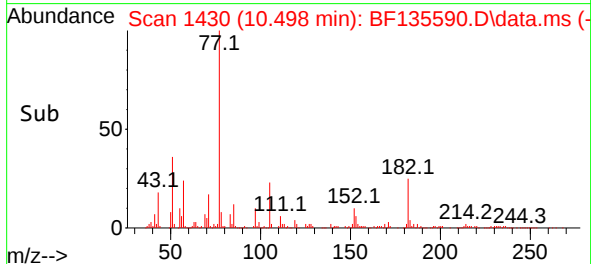
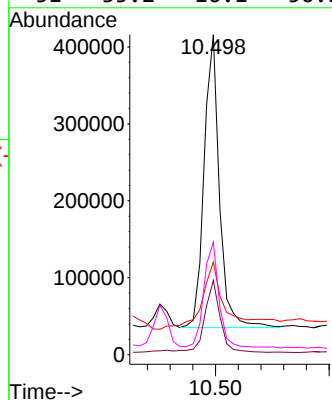
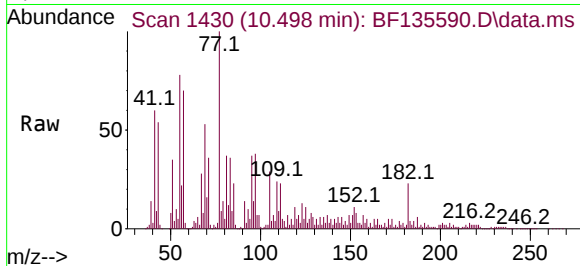




#63
Azobenzene
Concen: 37.533 ng
RT: 10.498 min Scan# 1432
Delta R.T. 0.018 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

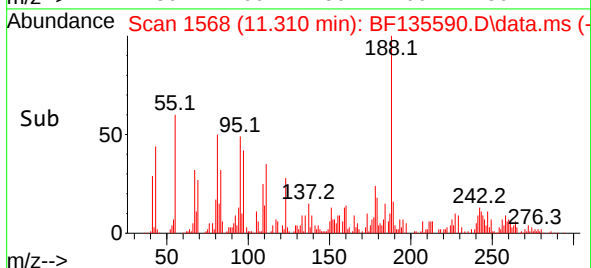
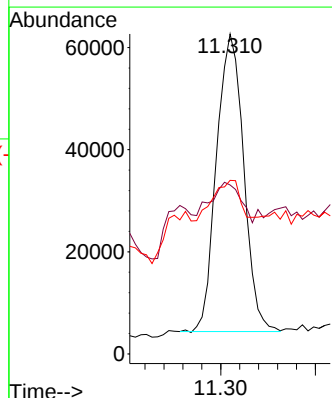
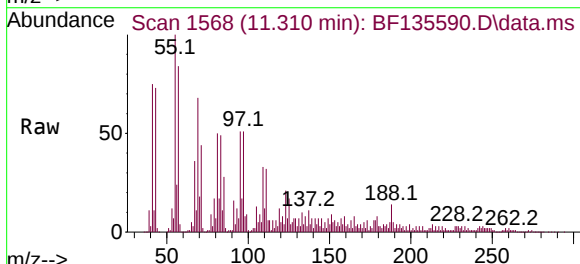
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

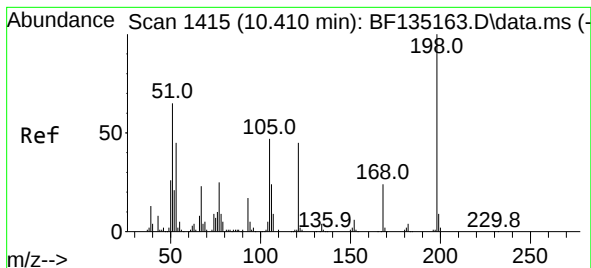
Tgt Ion: 77	Resp: 355539
Ion Ratio	Lower Upper
77 100	
182 23.2	6.4 46.4
105 29.0	3.1 43.1
51 35.2	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.041 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:188	Resp: 116017		
Ion Ratio	Lower	Upper	
188 100			
94 52.8	7.0	10.6#	
80 54.2	7.5	11.3#	

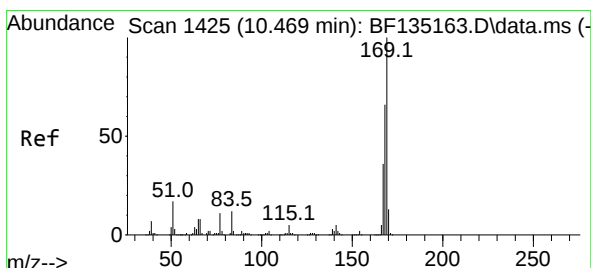
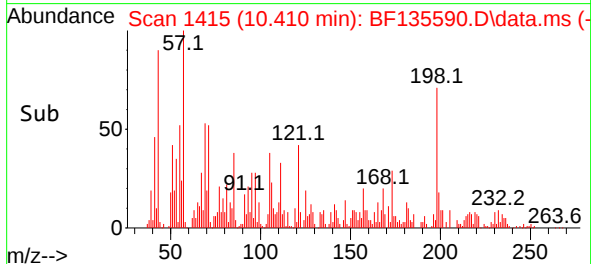
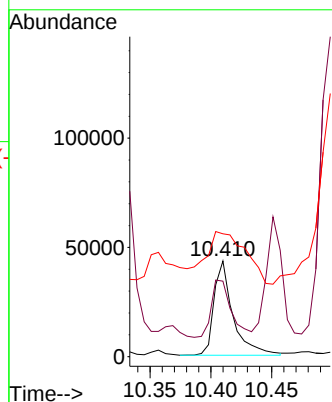
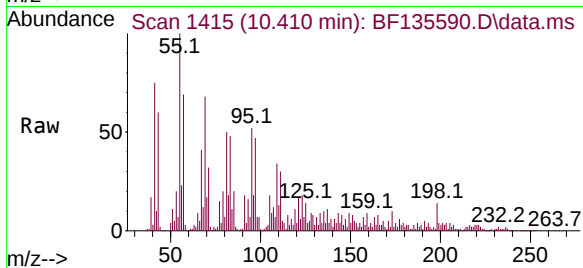




#65
4,6-Dinitro-2-methylphenol
Concen: 76.374 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

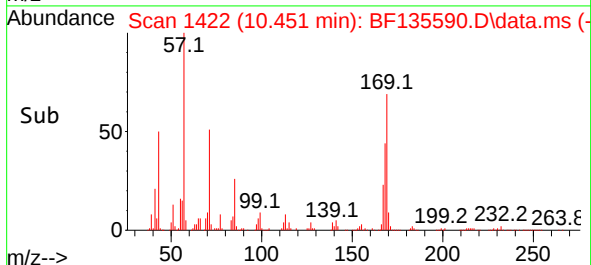
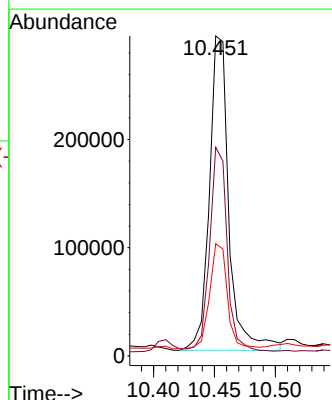
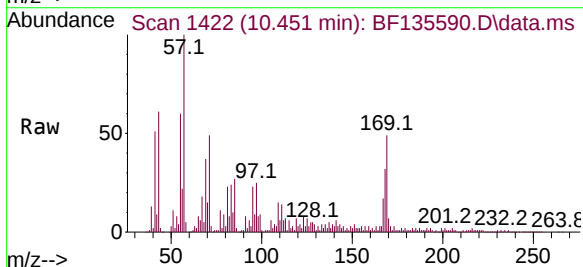
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

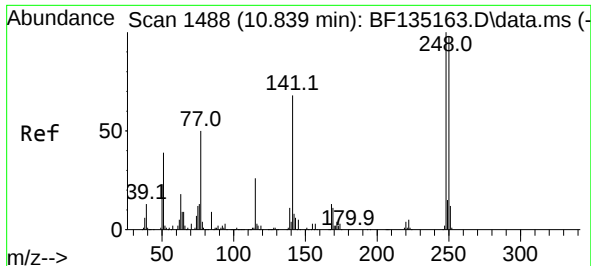
Tgt Ion:198 Resp: 47062
Ion Ratio Lower Upper
198 100
51 79.0 47.7 87.7
105 128.5 27.4 67.4#



#66
n-Nitrosodiphenylamine
Concen: 92.121 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:169 Resp: 323562
Ion Ratio Lower Upper
169 100
168 65.2 52.8 79.2
167 35.1 29.0 43.6

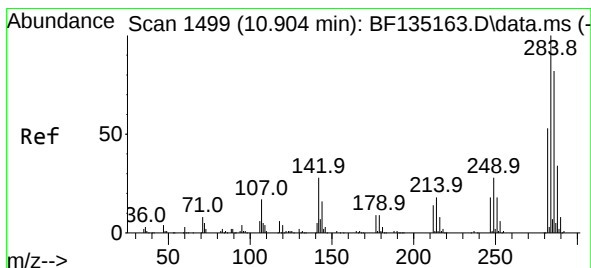
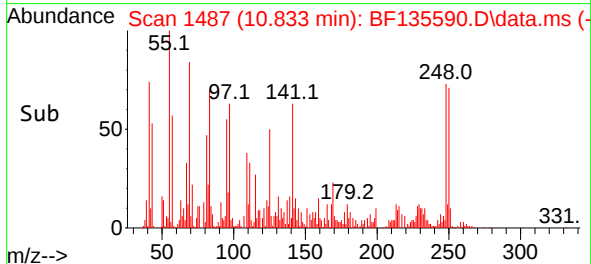
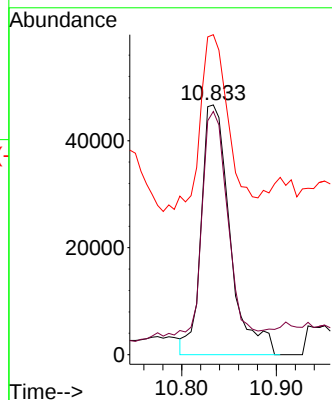
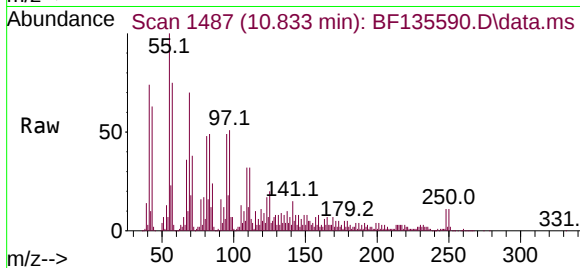




#67
4-Bromophenyl-phenylether
Concen: 85.384 ng
RT: 10.833 min Scan# 1488
Delta R.T. 0.024 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

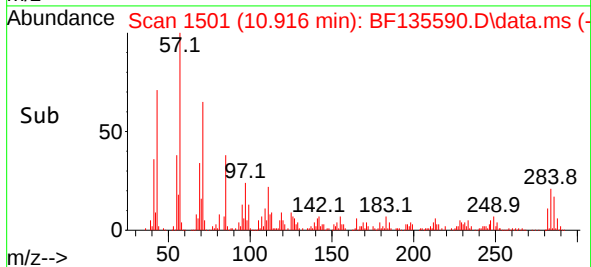
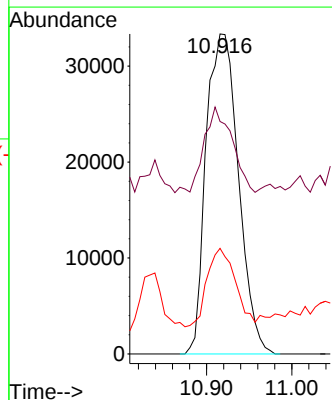
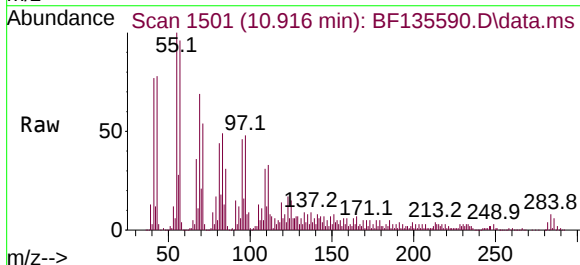
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

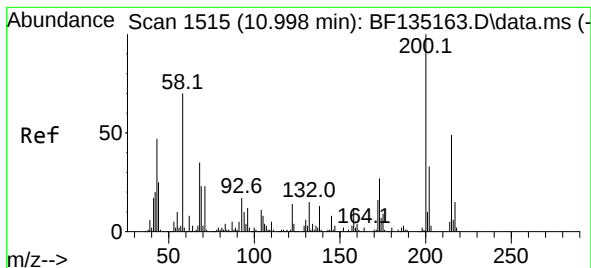
Tgt Ion:248 Resp: 98522
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 128.1 54.2 81.2#



#68
Hexachlorobenzene
Concen: 74.895 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.041 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:284 Resp: 88042
Ion Ratio Lower Upper
284 100
142 72.7 22.2 33.4#
249 33.0 22.5 33.7





#69

Atrazine

Concen: 76.824 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.047 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

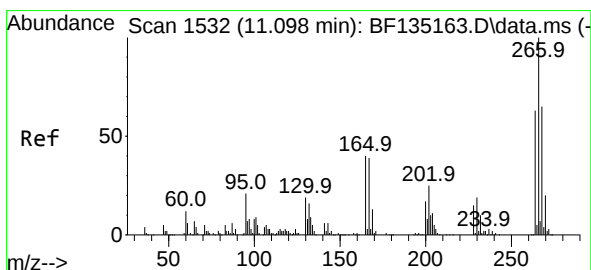
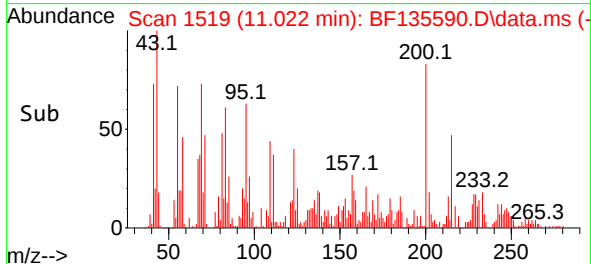
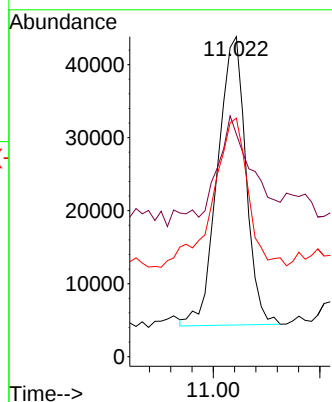
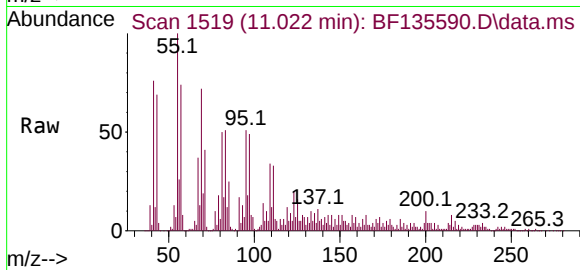
Tgt Ion:200 Resp: 72605

Ion Ratio Lower Upper

200 100

173 69.6 7.4 47.4#

215 74.6 28.6 68.6#



#70

Pentachlorophenol

Concen: 82.652 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.041 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

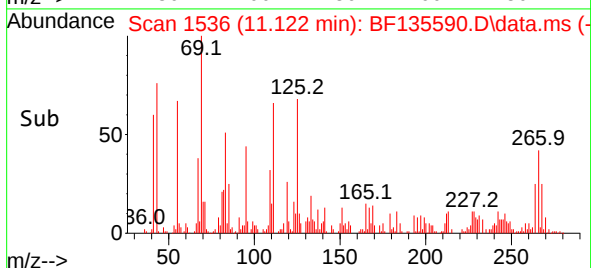
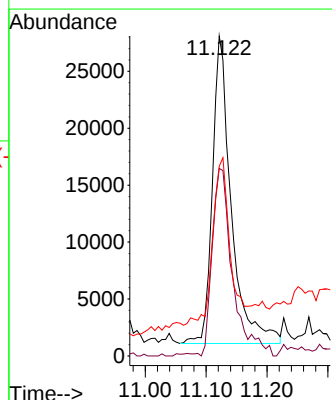
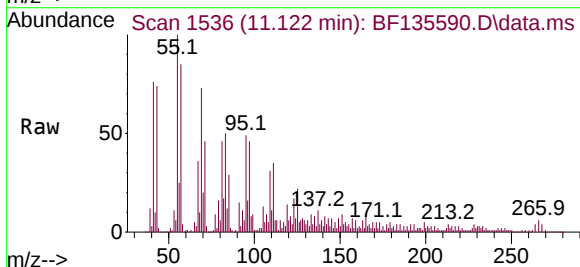
Tgt Ion:266 Resp: 58131

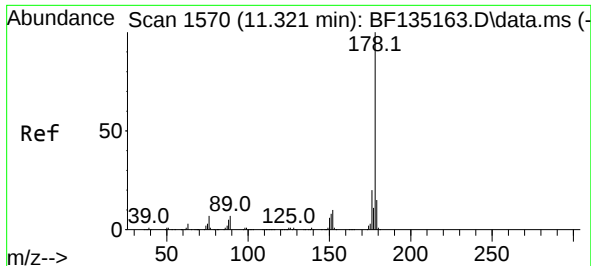
Ion Ratio Lower Upper

266 100

268 58.6 52.1 78.1

264 59.3 50.8 76.2

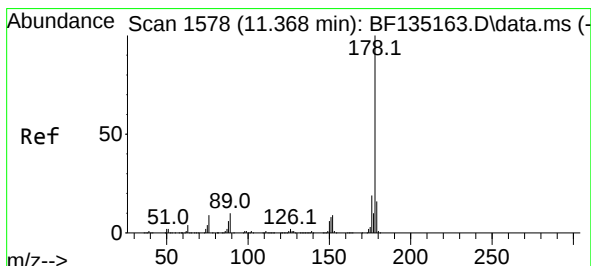
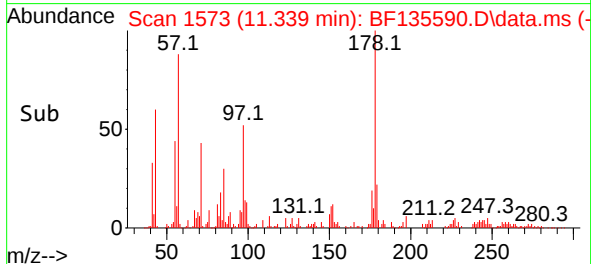
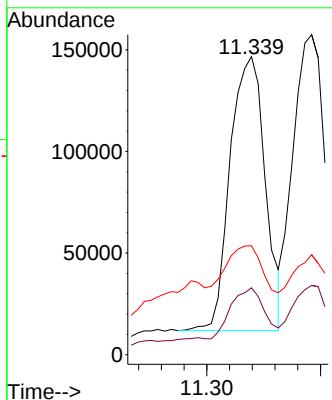
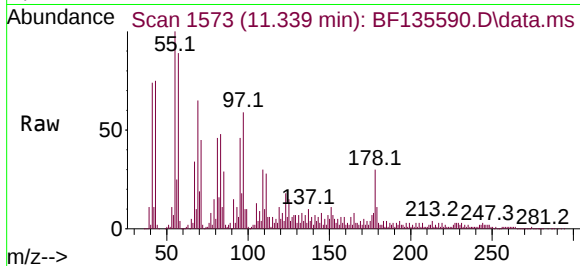




#71
Phenanthrene
Concen: 52.541 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.047 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

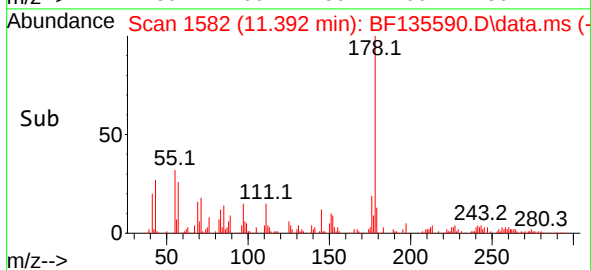
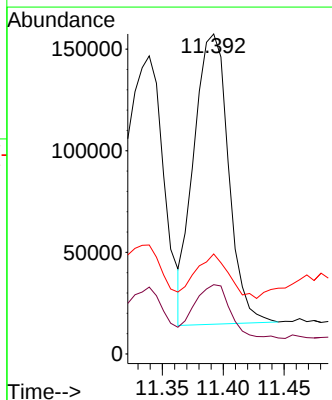
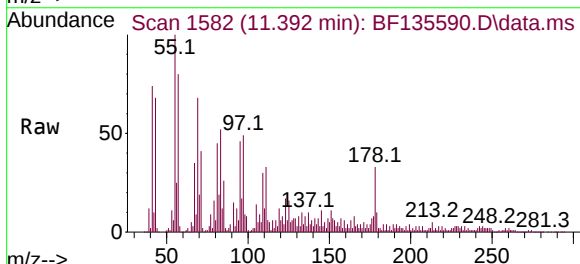
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

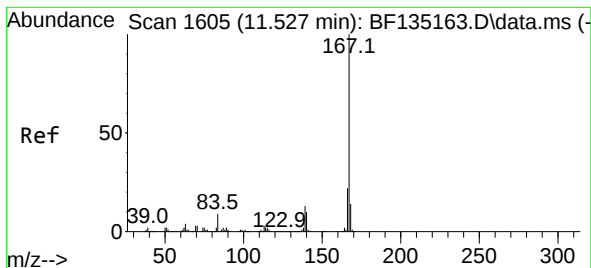
Tgt Ion:178 Resp: 288298
Ion Ratio Lower Upper
178 100
176 22.4 15.6 23.4
179 36.6 12.0 18.0#



#72
Anthracene
Concen: 50.087 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.047 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:178 Resp: 282498
Ion Ratio Lower Upper
178 100
176 21.6 15.4 23.2
179 31.3 12.6 19.0#





#73

Carbazole

Concen: 48.371 ng

RT: 11.545 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

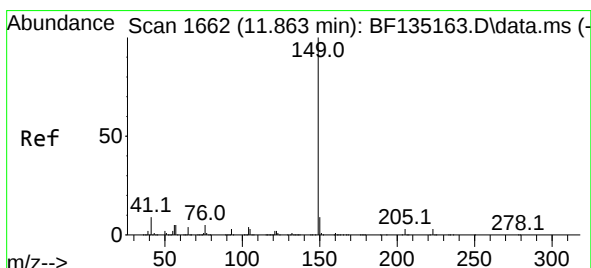
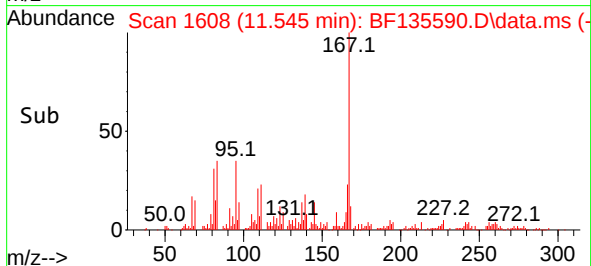
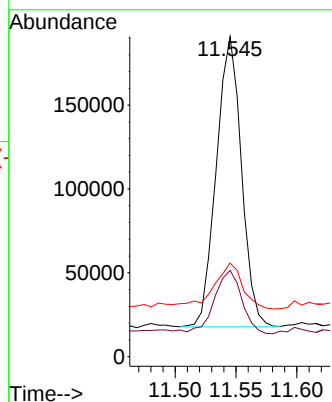
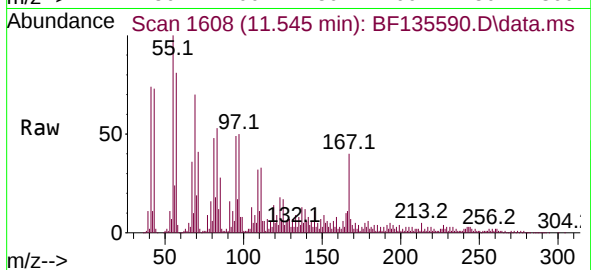
Tgt Ion:167 Resp: 248352

Ion Ratio Lower Upper

167 100

166 27.0 17.4 26.0#

139 29.3 10.6 15.8#



#74

Di-n-butylphthalate

Concen: 55.622 ng

RT: 11.874 min Scan# 1664

Delta R.T. 0.041 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

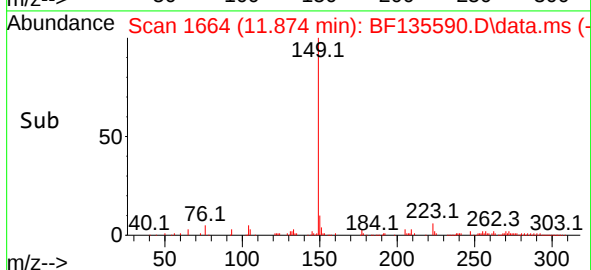
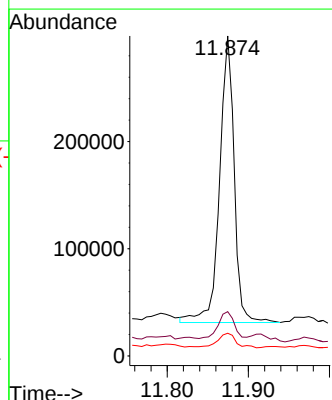
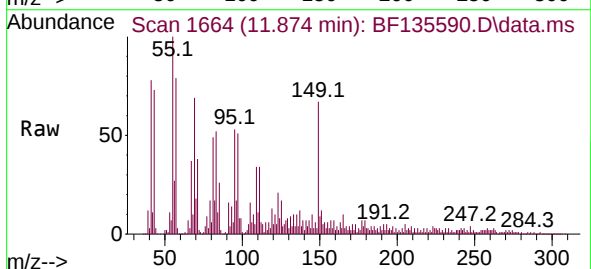
Tgt Ion:149 Resp: 336516

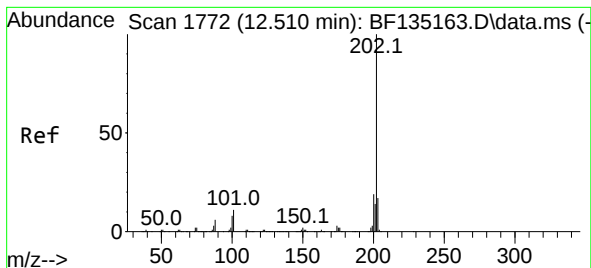
Ion Ratio Lower Upper

149 100

150 13.9 7.4 11.0#

104 7.1 3.6 5.4#





#75

Fluoranthene

Concen: 58.677 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.053 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

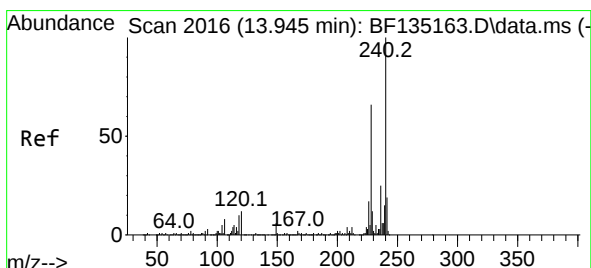
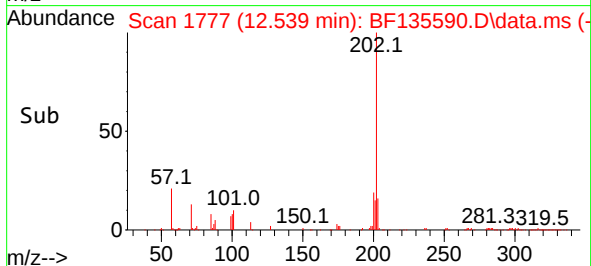
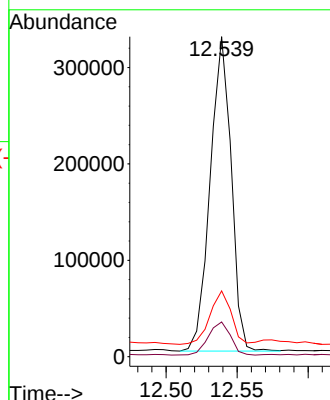
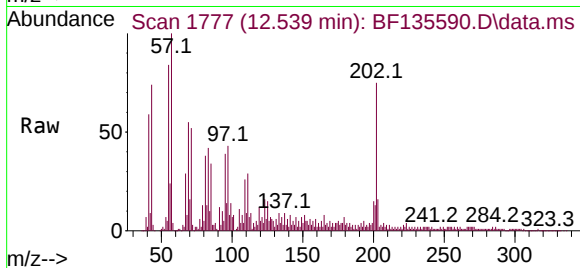
Tgt Ion:202 Resp: 335489

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.3

203 20.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.024 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

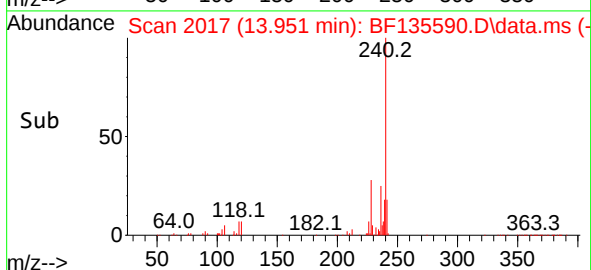
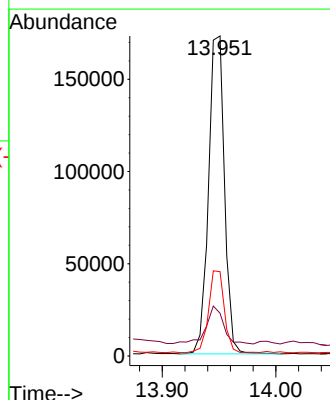
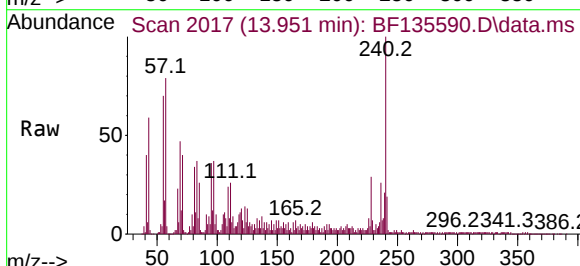
Tgt Ion:240 Resp: 168032

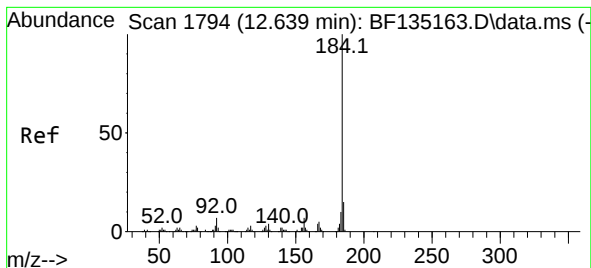
Ion Ratio Lower Upper

240 100

120 13.4 9.4 14.2

236 26.3 19.8 29.8





#77

Benzidine

Concen: 4.867 ng

RT: 12.674 min Scan# 1800

Delta R.T. 0.059 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

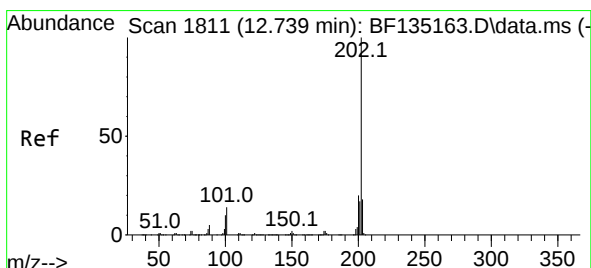
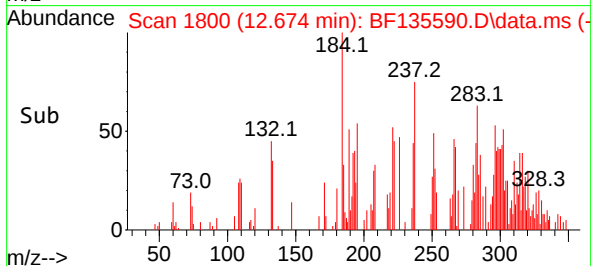
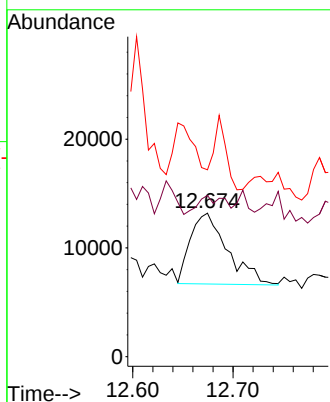
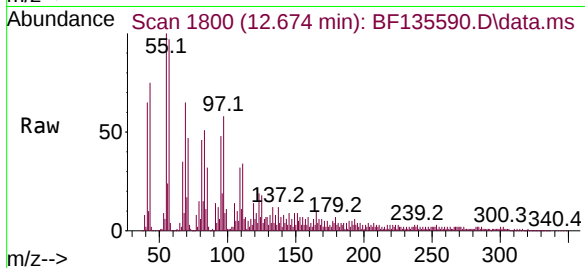
Tgt Ion:184 Resp: 16756

Ion Ratio Lower Upper

184 100

185 112.3 11.7 17.5#

183 130.2 8.2 12.4#



#78

Pyrene

Concen: 23.756 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.053 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

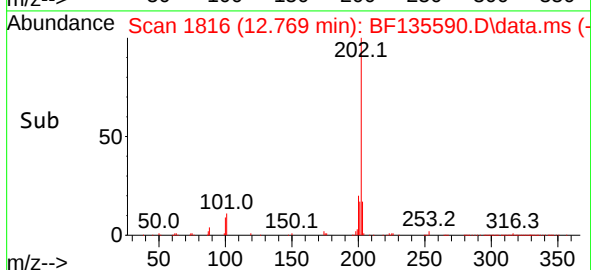
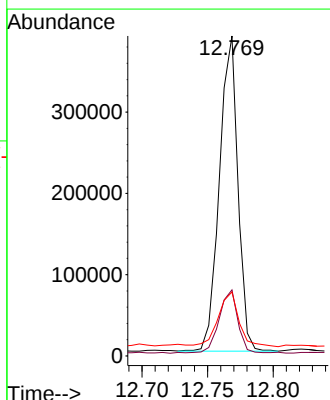
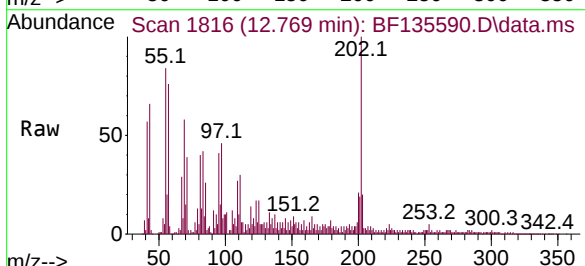
Tgt Ion:202 Resp: 380050

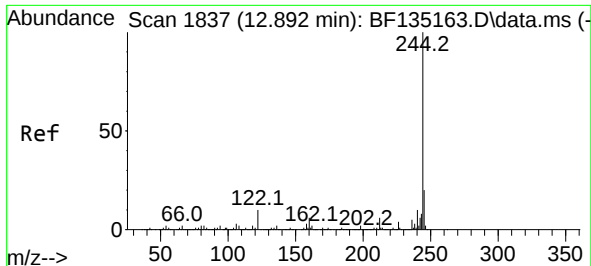
Ion Ratio Lower Upper

202 100

200 20.7 16.2 24.2

203 20.0 14.2 21.4

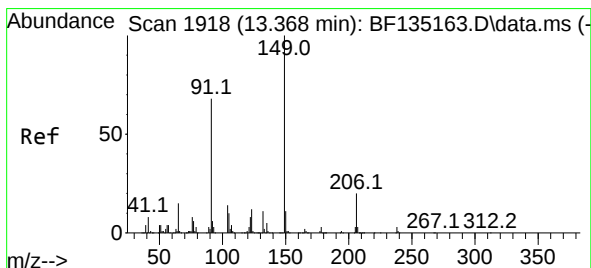
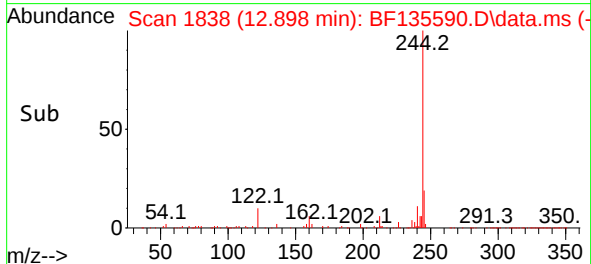
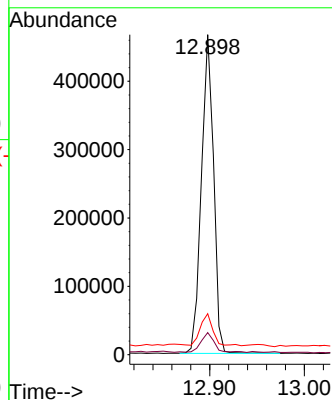
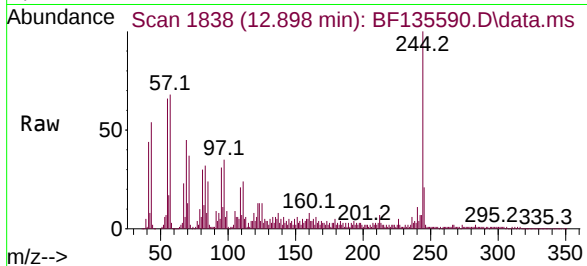




#79
 Terphenyl-d14
 Concen: 38.586 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. 0.035 min
 Lab File: BF135590.D
 Acq: 05 Oct 2023 02:02

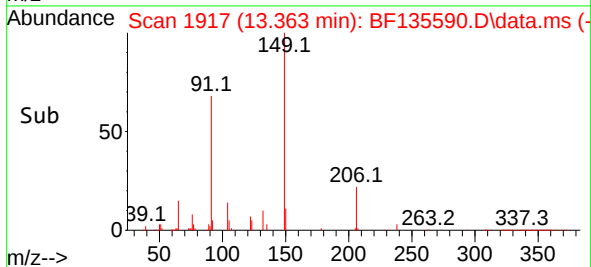
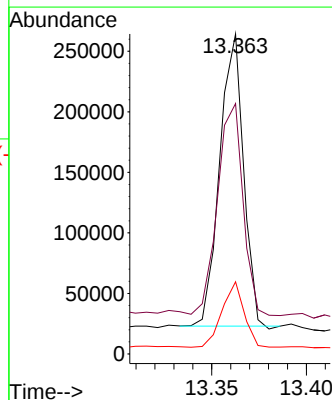
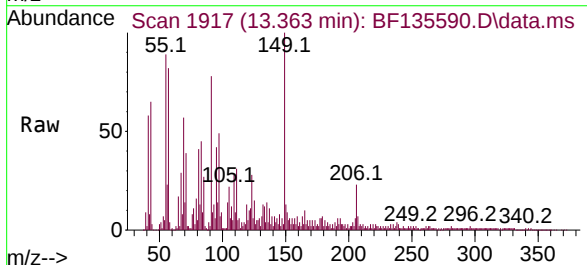
Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MS

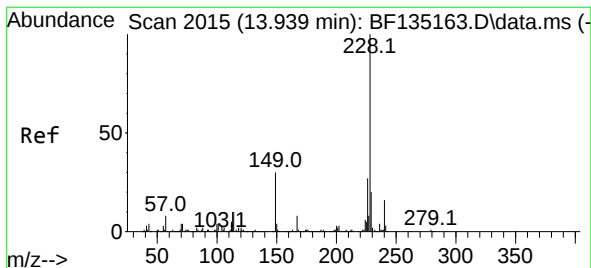
Tgt Ion:244 Resp: 418253
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.8 7.9 11.9#



#80
 Butylbenzylphthalate
 Concen: 37.215 ng
 RT: 13.363 min Scan# 1917
 Delta R.T. 0.024 min
 Lab File: BF135590.D
 Acq: 05 Oct 2023 02:02

Tgt Ion:149 Resp: 209616
 Ion Ratio Lower Upper
 149 100
 91 78.3 54.7 82.1
 206 22.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 50.031 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.024 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

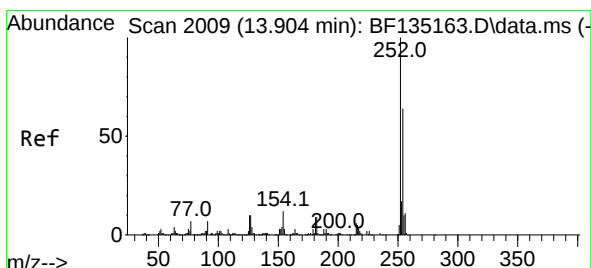
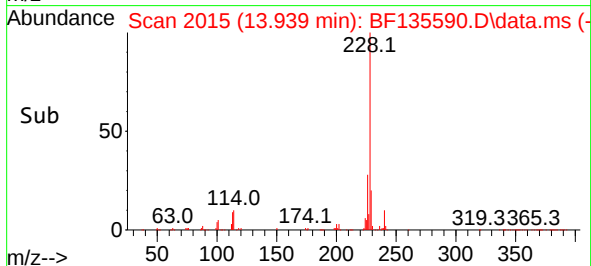
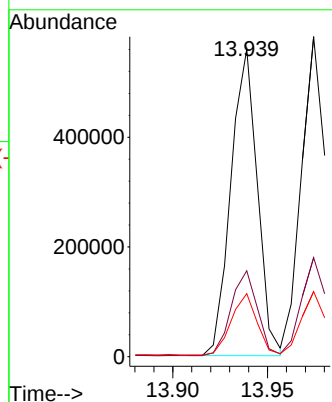
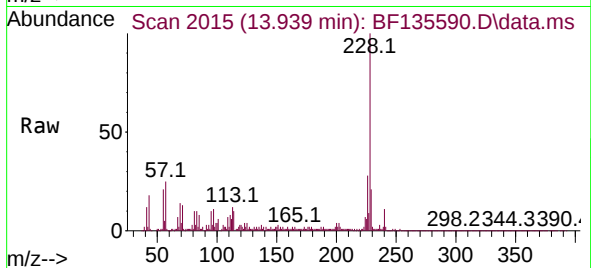
Tgt Ion:228 Resp: 542852

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

229 20.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 22.385 ng

RT: 13.898 min Scan# 2008

Delta R.T. 0.018 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

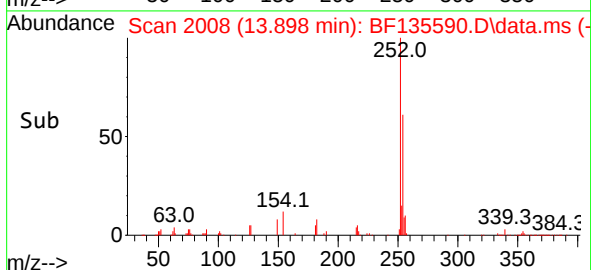
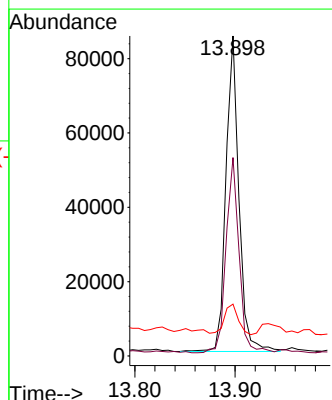
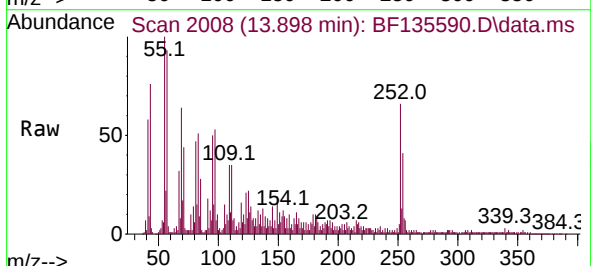
Tgt Ion:252 Resp: 75866

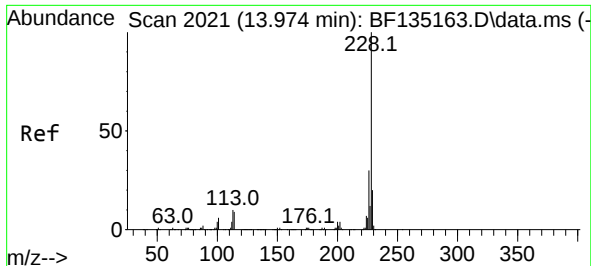
Ion Ratio Lower Upper

252 100

254 62.0 51.0 76.4

126 16.2 7.8 11.8#

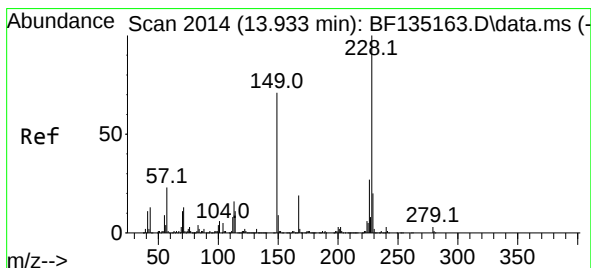
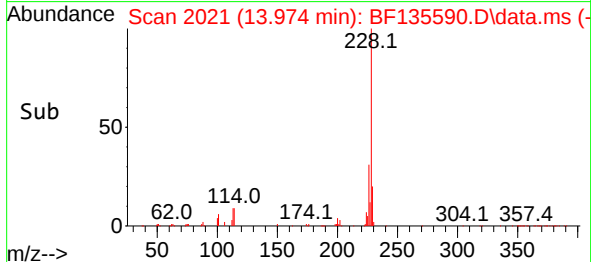
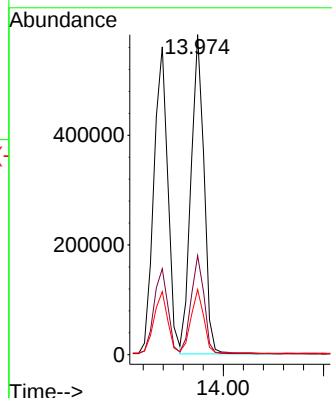
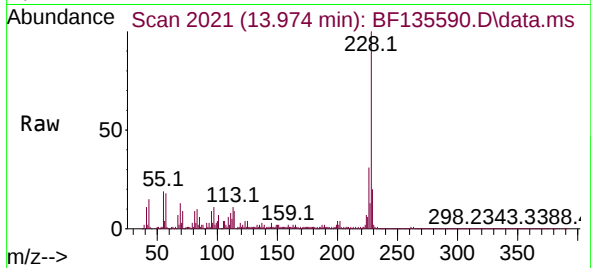




#83
Chrysene
Concen: 48.485 ng
RT: 13.974 min Scan# 2011
Delta R.T. 0.024 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

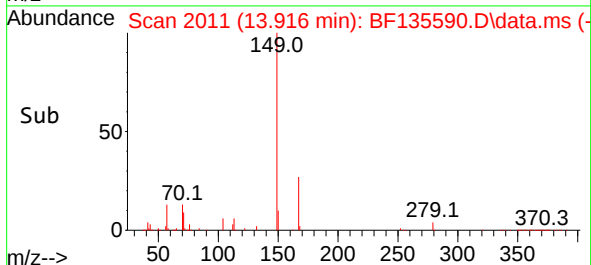
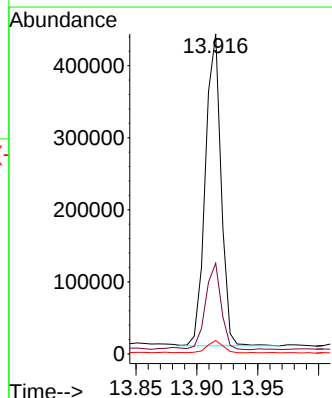
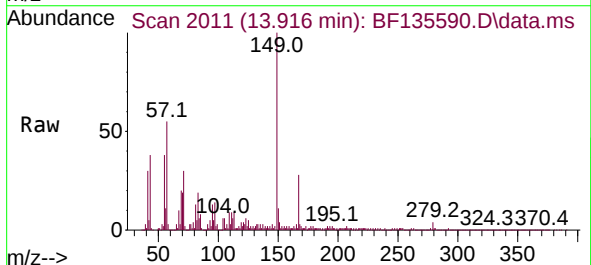
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

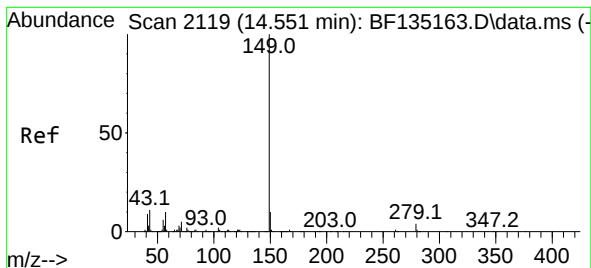
Tgt Ion:228 Resp: 523037
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 20.4 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 66.863 ng
RT: 13.916 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:149 Resp: 386473
Ion Ratio Lower Upper
149 100
167 28.4 21.9 32.9
279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 7.306 ng

RT: 14.557 min Scan# 2119

Delta R.T. 0.035 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

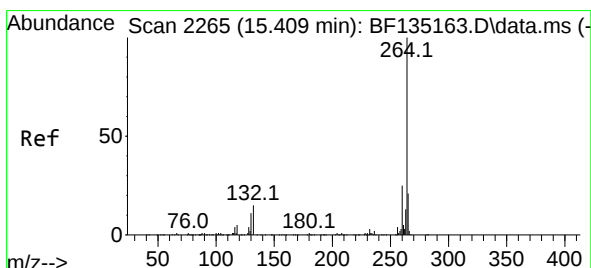
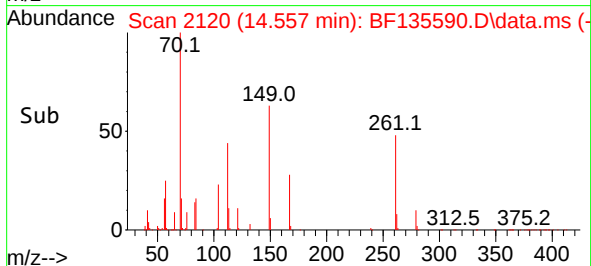
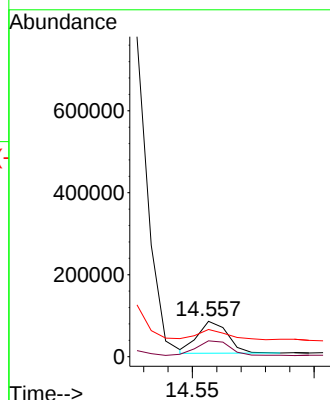
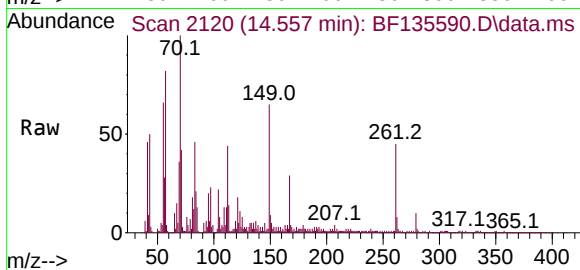
Tgt Ion:149 Resp: 67109

Ion Ratio Lower Upper

149 100

167 53.1 1.1 1.7#

43 97.9 9.8 14.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

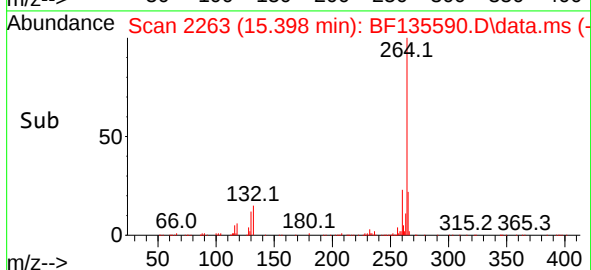
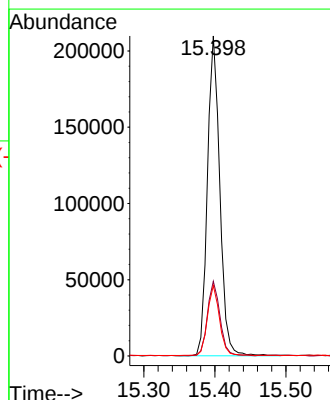
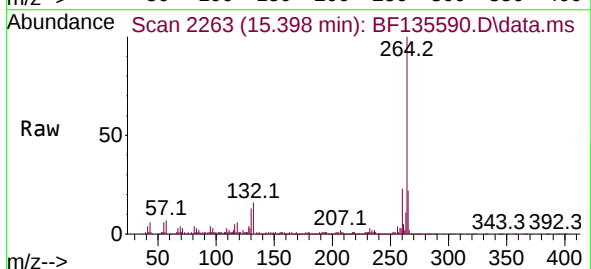
Tgt Ion:264 Resp: 253695

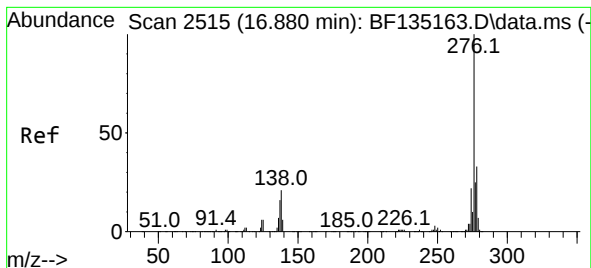
Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.637 ng

RT: 16.880 min Scan# 2191

Delta R.T. 0.012 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

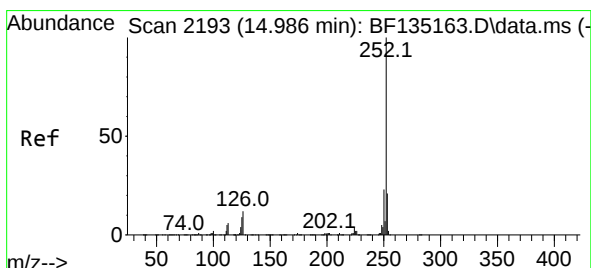
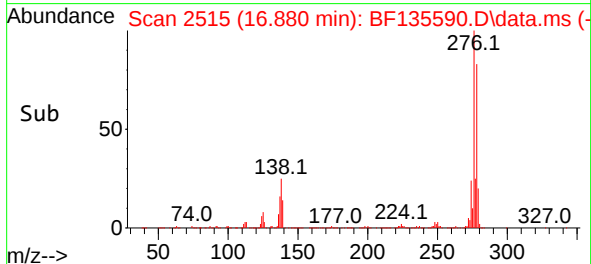
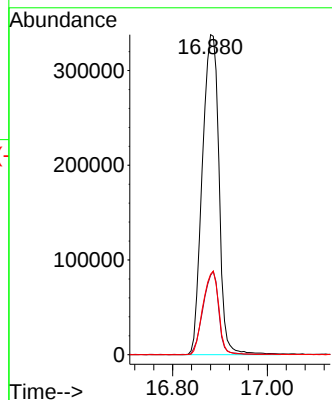
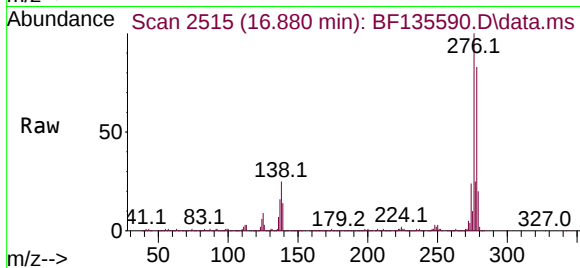
Tgt Ion:276 Resp: 825654

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

277 24.8 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 49.179 ng

RT: 14.974 min Scan# 2191

Delta R.T. 0.012 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

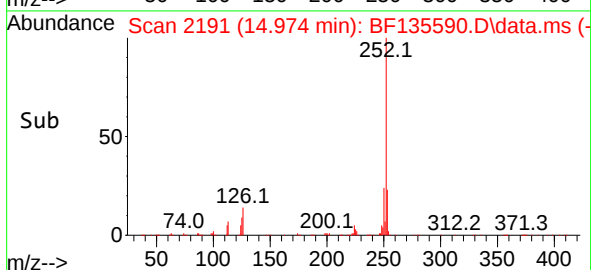
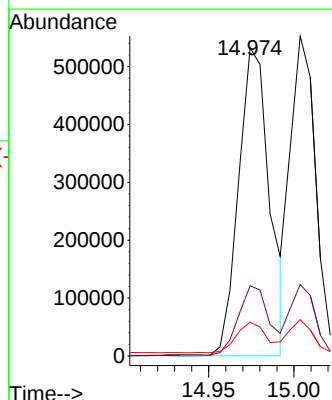
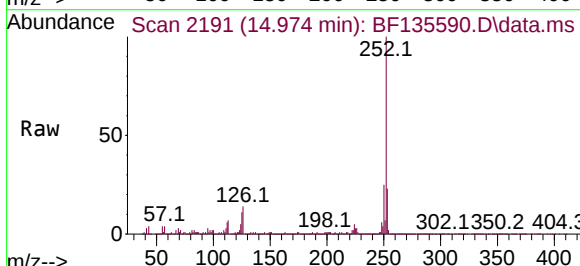
Tgt Ion:252 Resp: 675396

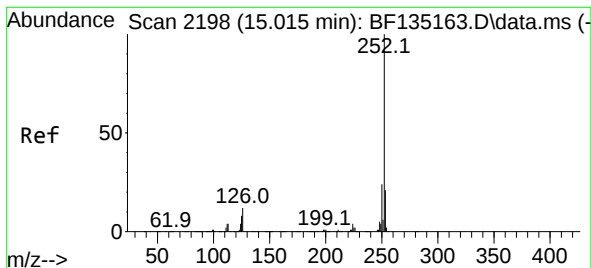
Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

125 10.9 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 42.403 ng

RT: 15.004 min Scan# 2198

Delta R.T. 0.012 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

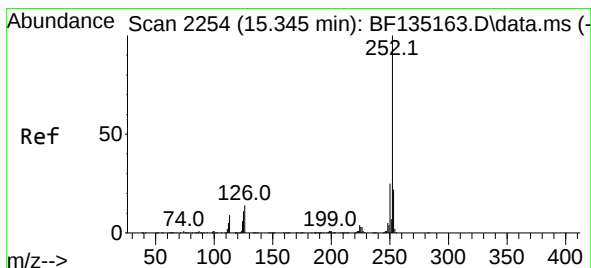
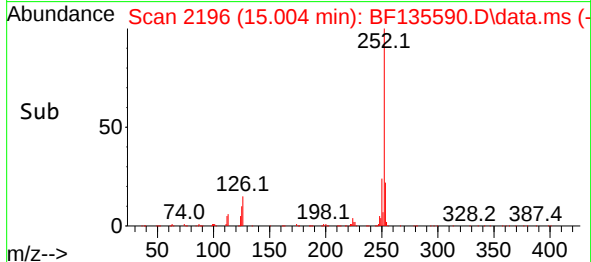
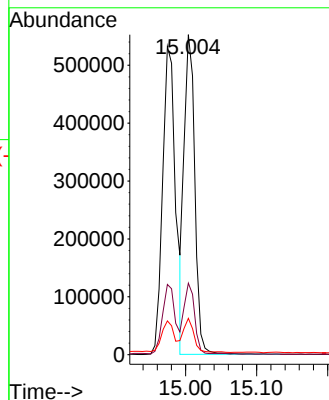
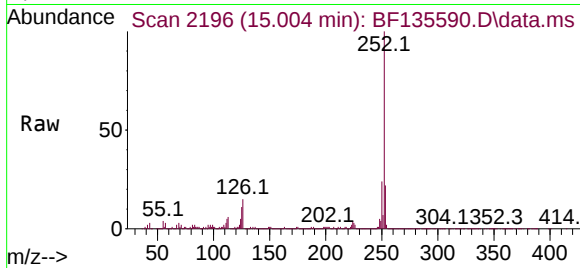
Tgt Ion:252 Resp: 575250

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 11.3 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 44.843 ng

RT: 15.339 min Scan# 2253

Delta R.T. 0.012 min

Lab File: BF135590.D

Acq: 05 Oct 2023 02:02

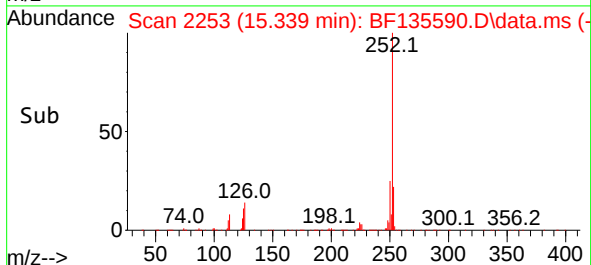
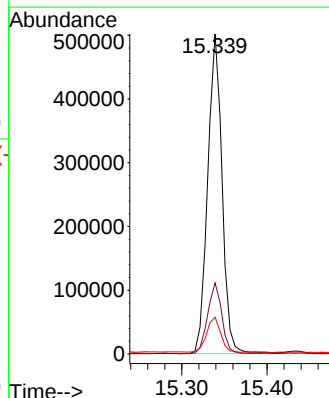
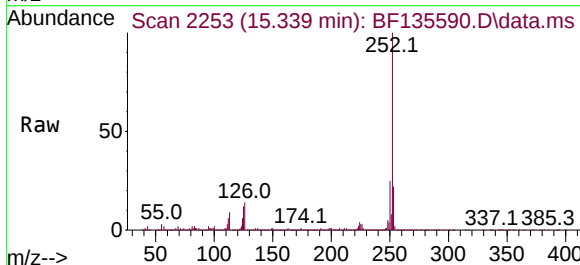
Tgt Ion:252 Resp: 587293

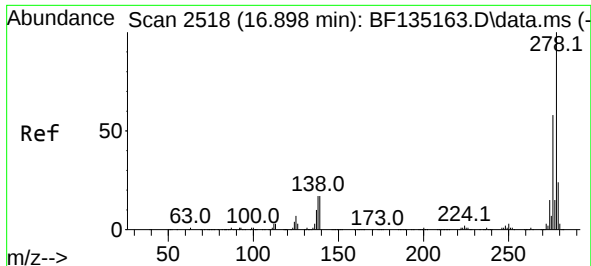
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 11.5 9.2 13.8

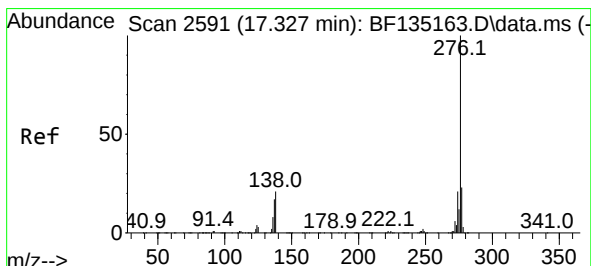
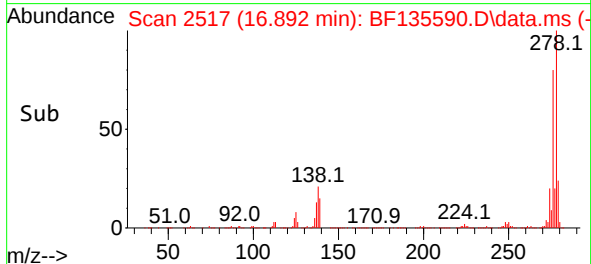
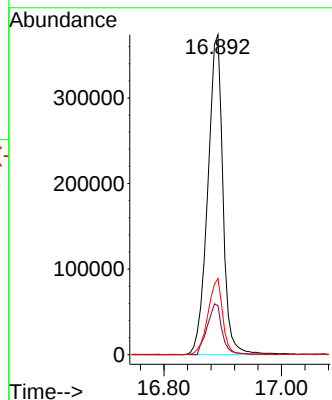
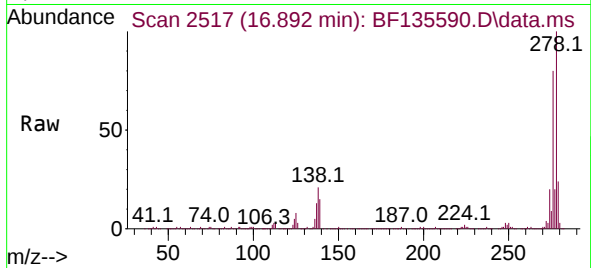




#91
Dibenzo(a,h)anthracene
Concen: 49.382 ng
RT: 16.892 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Instrument :
BNA_F
ClientSampleId :
RBR200027MS

Tgt Ion:278 Resp: 672096
Ion Ratio Lower Upper
278 100
139 15.3 13.4 20.0
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 47.913 ng
RT: 17.327 min Scan# 2591
Delta R.T. 0.012 min
Lab File: BF135590.D
Acq: 05 Oct 2023 02:02

Tgt Ion:276 Resp: 681034
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 20.7 16.9 25.3

