

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135274.D
 Acq On : 15 Sep 2023 01:55
 Operator : CG\JU
 Sample : 04249-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-083023MSD

Quant Time: Sep 15 02:26:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	99005	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	335815	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	130551	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	240358	20.000	ng	0.00
76) Chrysene-d12	13.963	240	137129	20.000	ng	0.02
86) Perylene-d12	15.433	264	121655	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	635558	104.409	ng	0.02
7) Phenol-d6	6.416	99	772923	99.858	ng	0.01
23) Nitrobenzene-d5	7.334	82	476909	77.156	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	139800	107.757	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	705865	81.574	ng	0.00
79) Terphenyl-d14	12.892	244	673390	76.124	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	124106	46.508	ng	98
3) Pyridine	3.299	79	299666	41.725	ng	94
4) n-Nitrosodimethylamine	3.263	42	204297	53.605	ng	97
6) Aniline	6.440	93	256520	25.273	ng	# 84
8) 2-Chlorophenol	6.557	128	334083	51.412	ng	96
9) Benzaldehyde	6.316	77	129314	29.327	ng	95
10) Phenol	6.428	94	392808	46.281	ng	99
11) bis(2-Chloroethyl)ether	6.504	93	334760	52.581	ng	98
12) 1,3-Dichlorobenzene	6.704	146	335158	50.751	ng	99
13) 1,4-Dichlorobenzene	6.781	146	340517	50.681	ng	98
14) 1,2-Dichlorobenzene	6.934	146	319974	51.282	ng	98
15) Benzyl Alcohol	6.916	79	283111	50.972	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	583430	48.618	ng	94
17) 2-Methylphenol	7.028	107	252671	44.063	ng	97
18) Hexachloroethane	7.269	117	107754	43.404	ng	90
19) n-Nitroso-di-n-propyla...	7.187	70	217522	45.371	ng	97
20) 3+4-Methylphenols	7.181	107	291250	42.239	ng	93
22) Acetophenone	7.175	105	424583	55.302	ng	# 95
24) Nitrobenzene	7.351	77	333104	54.523	ng	100
25) Isophorone	7.587	82	593245	52.268	ng	98
26) 2-Nitrophenol	7.663	139	134273	45.793	ng	97
27) 2,4-Dimethylphenol	7.710	122	253969	51.529	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	374373	55.108	ng	99
29) 2,4-Dichlorophenol	7.910	162	230497	50.471	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	255069	53.434	ng	99
31) Naphthalene	8.069	128	902629	55.321	ng	100
32) Benzoic acid	7.840	122	155436	41.882	ng	93
33) 4-Chloroaniline	8.128	127	205194	28.664	ng	98
34) Hexachlorobutadiene	8.181	225	155092	53.883	ng	100
35) Caprolactam	8.492	113	57340	37.410	ng	96
36) 4-Chloro-3-methylphenol	8.610	107	217253	42.802	ng	98
37) 2-Methylnaphthalene	8.757	142	513653	46.833	ng	99
38) 1-Methylnaphthalene	8.857	142	473388	46.101	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	215158	56.887	ng	99
41) Hexachlorocyclopentadiene	8.904	237	3736	9.419	ng	88
43) 2,4,6-Trichlorophenol	9.039	196	137437	55.500	ng	98

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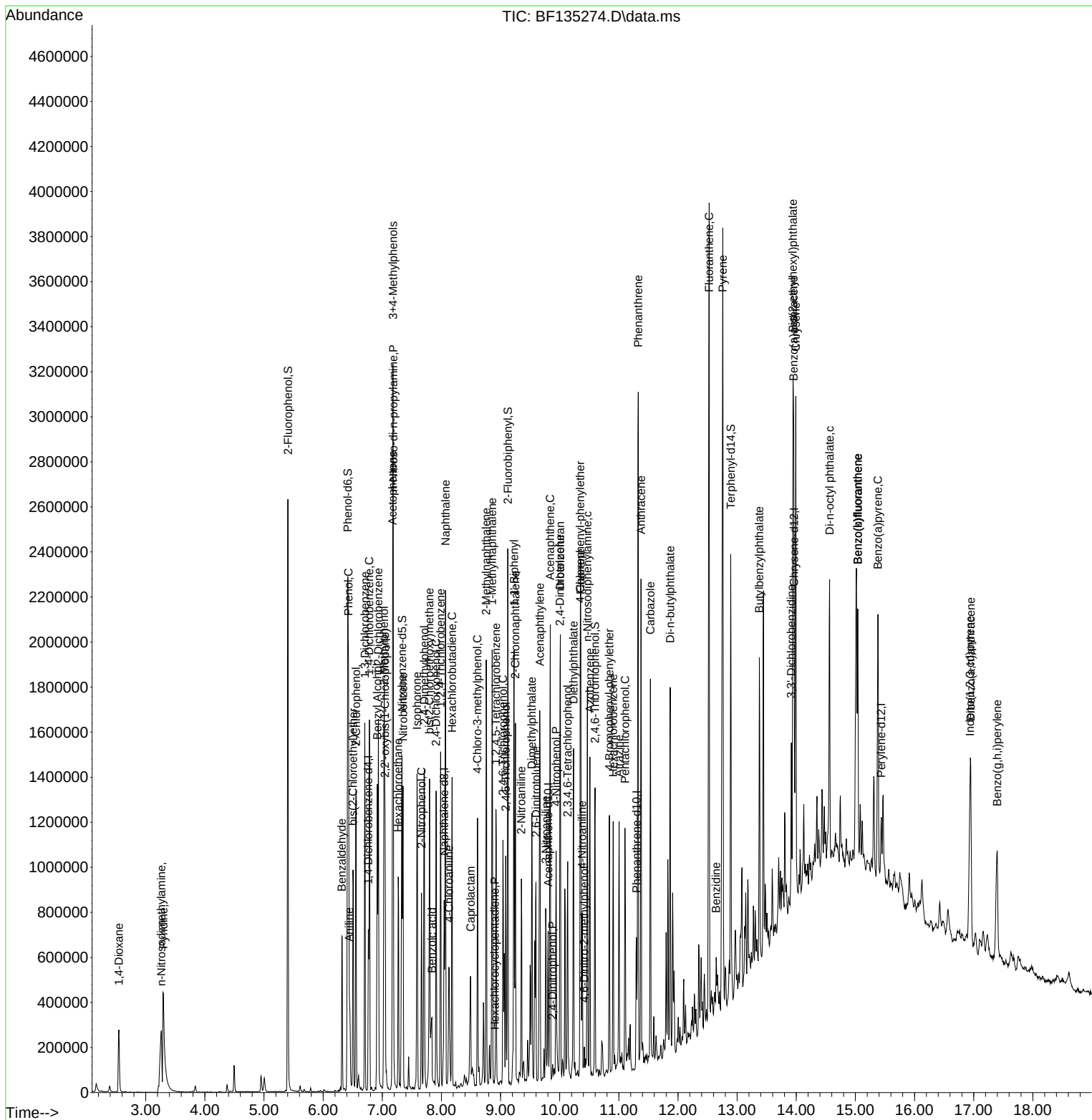
Instrument :
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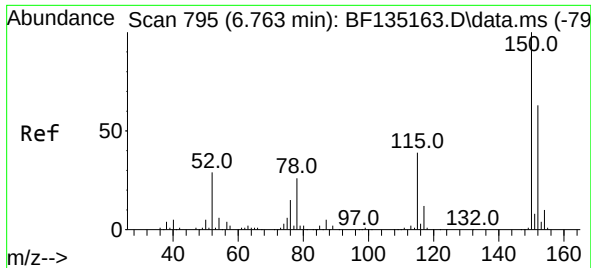
Quant Time: Sep 15 02:26:39 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	137679	48.278	ng	96
46) 1,1'-Biphenyl	9.228	154	583157	58.126	ng	100
47) 2-Chloronaphthalene	9.251	162	405367	55.688	ng	99
48) 2-Nitroaniline	9.351	65	159035	56.236	ng	95
49) Acenaphthylene	9.663	152	688734	56.931	ng	99
50) Dimethylphthalate	9.528	163	498954	56.529	ng	100
51) 2,6-Dinitrotoluene	9.598	165	96724	50.022	ng	# 83
52) Acenaphthene	9.839	154	422068	59.059	ng	98
53) 3-Nitroaniline	9.763	138	110906	48.863	ng	99
54) 2,4-Dinitrophenol	9.881	184	7947	12.922	ng	# 82
55) Dibenzofuran	10.010	168	603896	55.375	ng	98
56) 4-Nitrophenol	9.939	139	148343	102.835	ng	98
57) 2,4-Dinitrotoluene	10.004	165	110225	45.534	ng	89
58) Fluorene	10.357	166	517399	61.714	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.134	232	107862	49.169	ng	99
60) Diethylphthalate	10.234	149	480769	54.274	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	206821	51.355	ng	100
62) 4-Nitroaniline	10.381	138	113549	52.044	ng	96
63) Azobenzene	10.510	77	425764	49.110	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	8149	6.383	ng	93
66) n-Nitrosodiphenylamine	10.469	169	386053	53.053	ng	98
67) 4-Bromophenyl-phenylether	10.839	248	125164	52.358	ng	98
68) Hexachlorobenzene	10.904	284	129745	53.274	ng	93
69) Atrazine	11.004	200	113344	57.889	ng	99
70) Pentachlorophenol	11.104	266	124565	85.488	ng	98
71) Phenanthrene	11.328	178	1218134	107.156	ng	99
72) Anthracene	11.375	178	797272	68.231	ng	100
73) Carbazole	11.533	167	637039	59.888	ng	100
74) Di-n-butylphthalate	11.869	149	744028	59.360	ng	99
75) Fluoranthene	12.527	202	1717008	144.953	ng	99
77) Benzidine	12.645	184	102924	36.636	ng	98
78) Pyrene	12.757	202	1649119	126.314	ng	98
80) Butylbenzylphthalate	13.374	149	302291	65.763	ng	94
81) Benzo(a)anthracene	13.957	228	977800	110.426	ng	97
82) 3,3'-Dichlorobenzidine	13.916	252	153632	55.547	ng	# 98
83) Chrysene	13.992	228	892226	101.347	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	367280	77.863	ng	99
85) Di-n-octyl phthalate	14.563	149	576550	76.912	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.939	276	554272	69.488	ng	96
88) Benzo(b)fluoranthene	15.039	252	480748	73.000	ng	95
89) Benzo(k)fluoranthene	15.039	252	480748	73.900	ng	95
90) Benzo(a)pyrene	15.380	252	629480	100.231	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	339870	52.075	ng	97
92) Benzo(g,h,i)perylene	17.398	276	469467	68.876	ng	96

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

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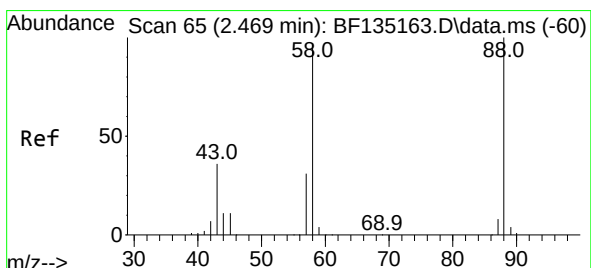
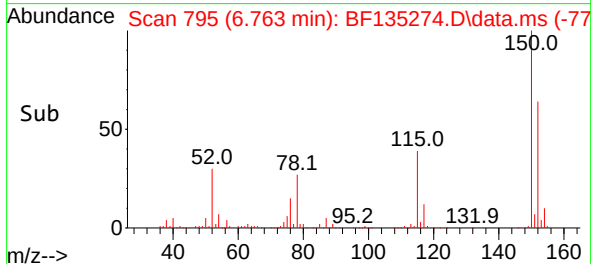
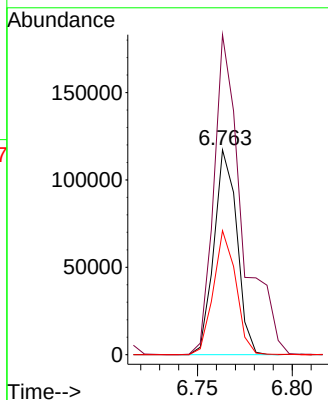
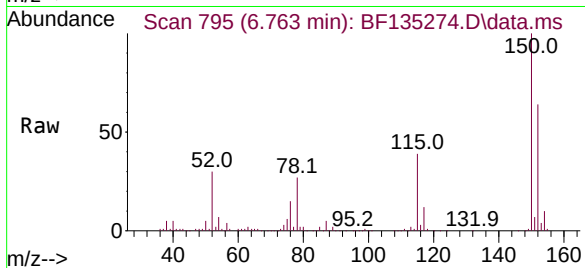




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135274.D
 Acq: 15 Sep 2023 01:55

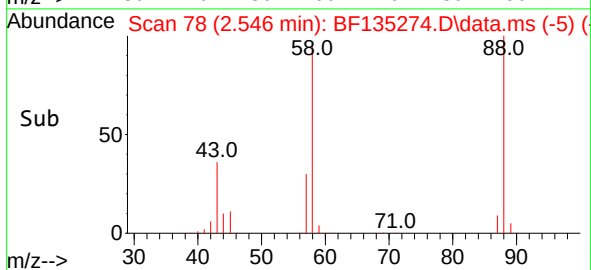
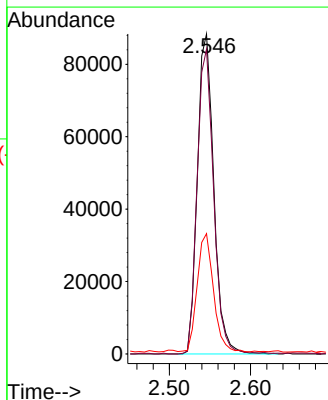
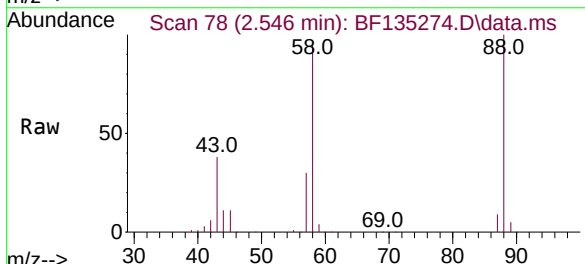
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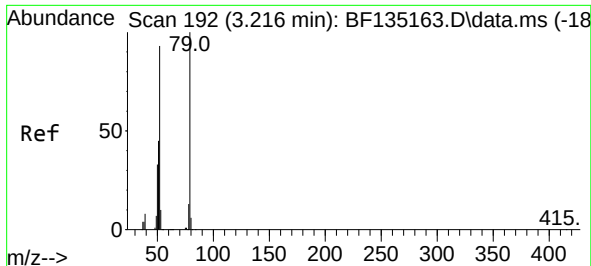
Tgt Ion:152 Resp: 99005
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.8 191.6
 115 60.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 46.508 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.077 min
 Lab File: BF135274.D
 Acq: 15 Sep 2023 01:55

Tgt Ion: 88 Resp: 124106
 Ion Ratio Lower Upper
 88 100
 58 95.8 78.3 117.5
 43 36.8 29.4 44.0

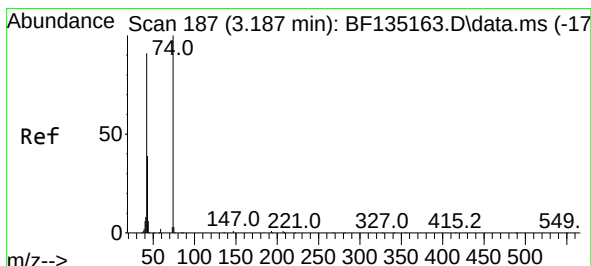
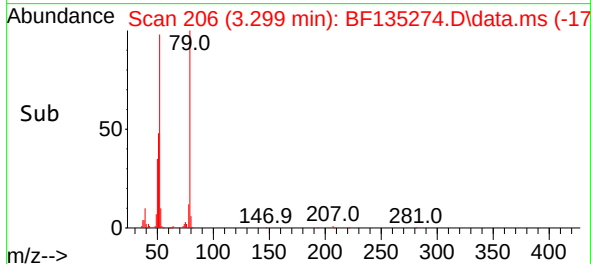
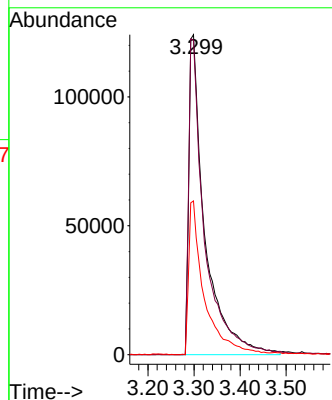
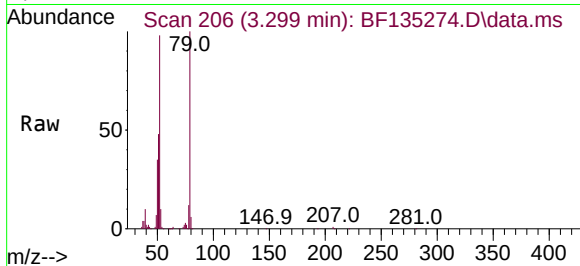




#3
Pyridine
Concen: 41.725 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.083 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

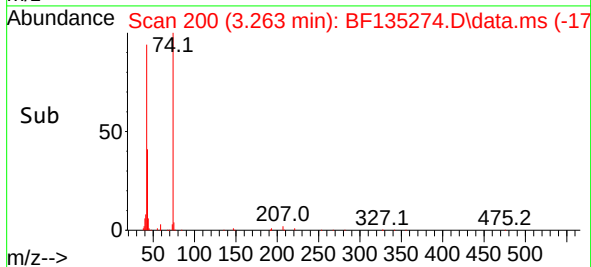
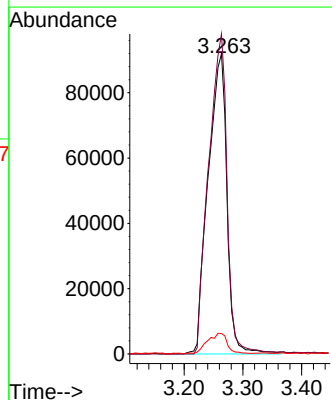
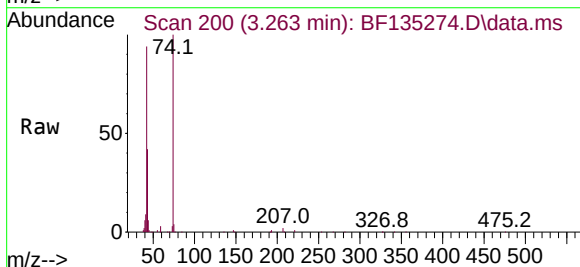
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

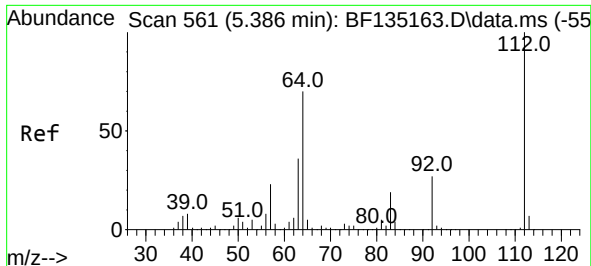
Tgt Ion: 79 Resp: 299666
Ion Ratio Lower Upper
79 100
52 98.3 74.1 111.1
51 48.0 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 53.605 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.077 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion: 42 Resp: 204297
Ion Ratio Lower Upper
42 100
74 106.6 87.7 131.5
44 6.8 5.6 8.4

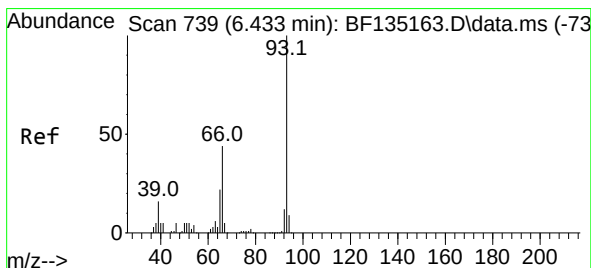
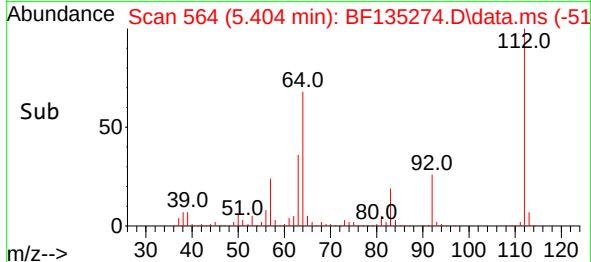
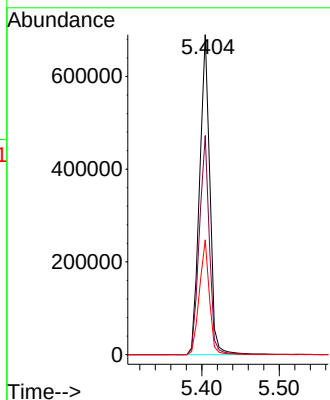
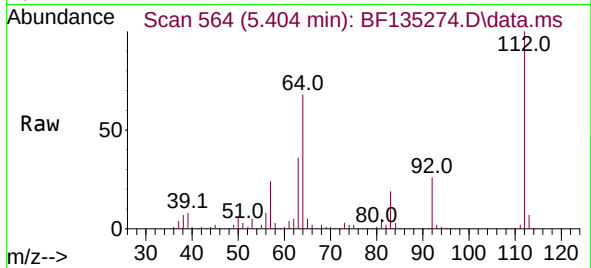




#5
2-Fluorophenol
Concen: 104.409 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

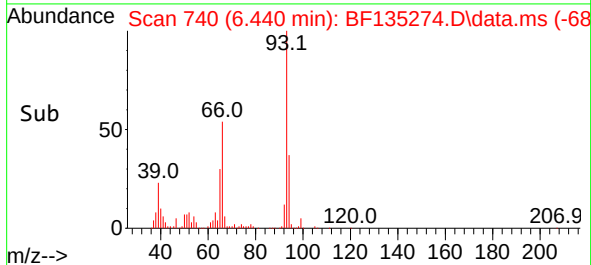
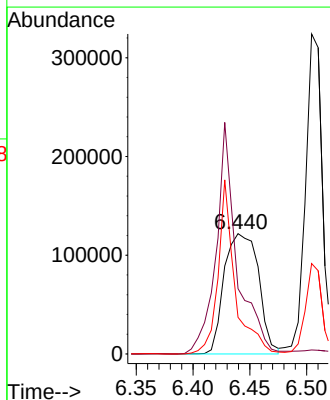
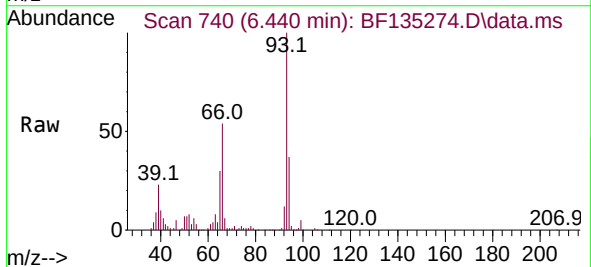
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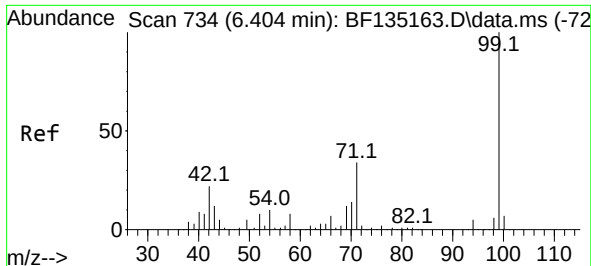
Tgt Ion:112 Resp: 635558
Ion Ratio Lower Upper
112 100
64 68.5 55.9 83.9
63 35.9 29.0 43.6



#6
Aniline
Concen: 25.273 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion: 93 Resp: 256520
Ion Ratio Lower Upper
93 100
66 54.3 35.4 53.0#
65 30.5 17.8 26.8#





#7

Phenol-d6

Concen: 99.858 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

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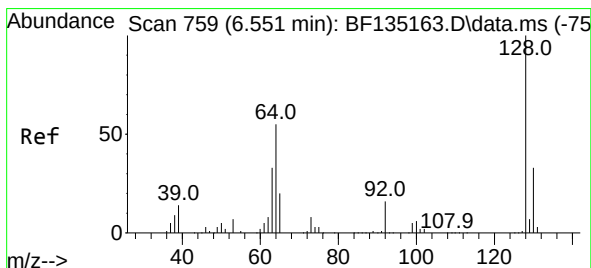
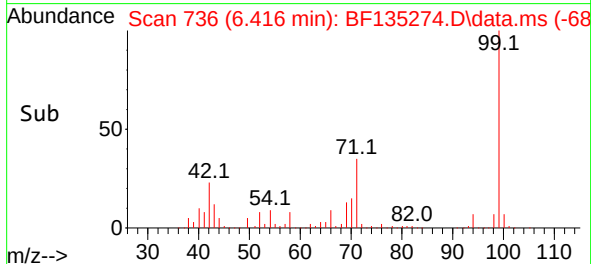
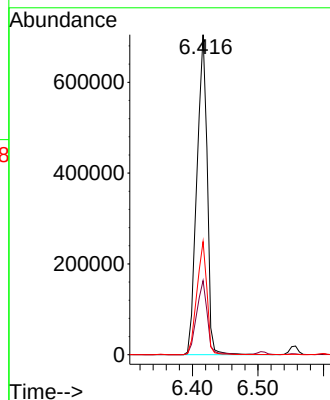
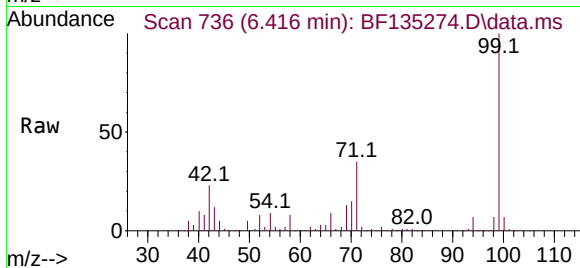
Tgt Ion: 99 Resp: 772923

Ion Ratio Lower Upper

99 100

42 23.2 17.9 26.9

71 35.3 27.0 40.6



#8

2-Chlorophenol

Concen: 51.412 ng

RT: 6.557 min Scan# 760

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

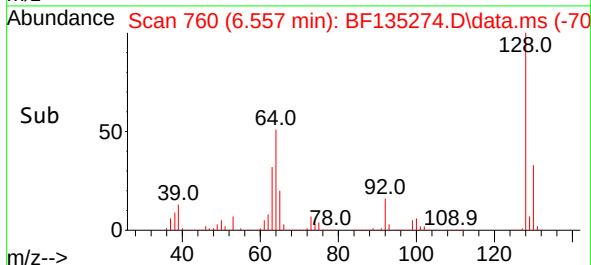
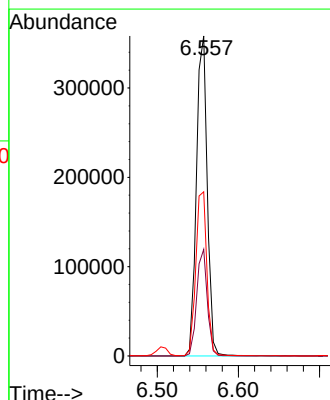
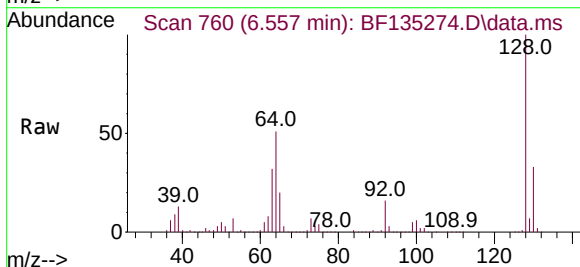
Tgt Ion:128 Resp: 334083

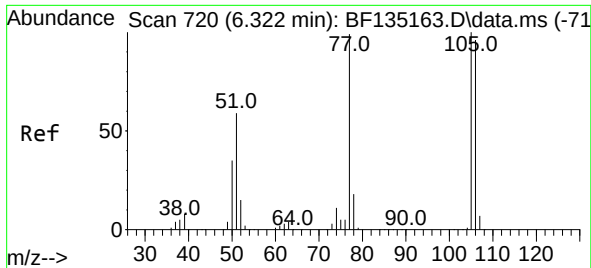
Ion Ratio Lower Upper

128 100

130 33.3 12.7 52.7

64 51.3 35.9 75.9





#9

Benzaldehyde

Concen: 29.327 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

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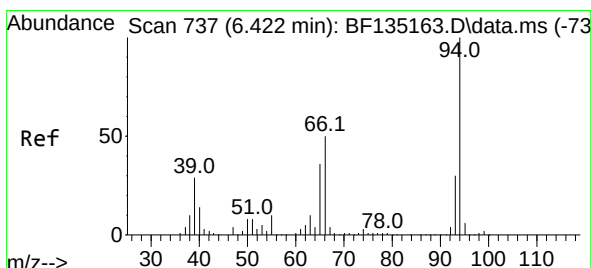
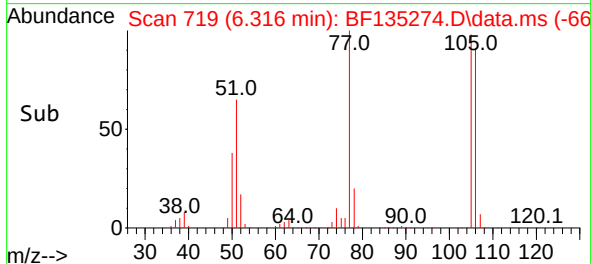
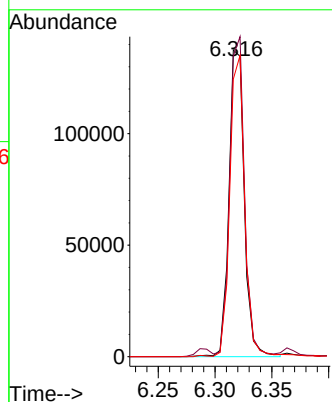
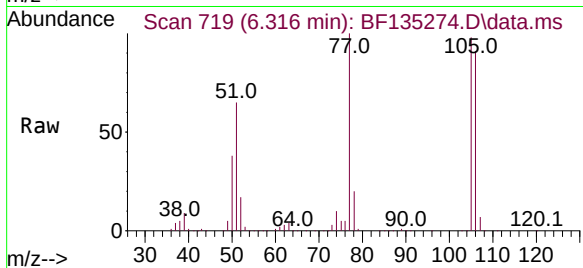
Tgt Ion: 77 Resp: 129314

Ion Ratio Lower Upper

77 100

105 98.0 81.4 121.4

106 90.5 76.9 116.9



#10

Phenol

Concen: 46.281 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

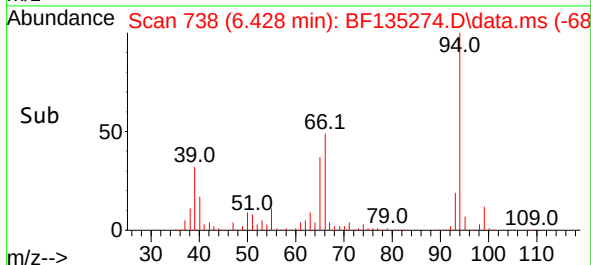
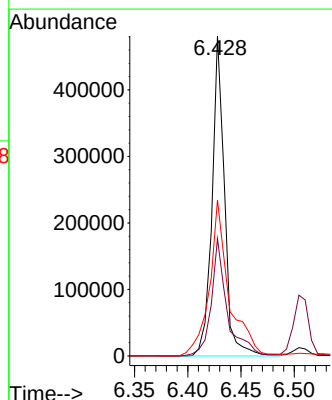
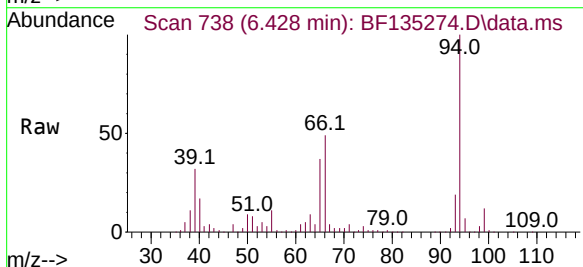
Tgt Ion: 94 Resp: 392808

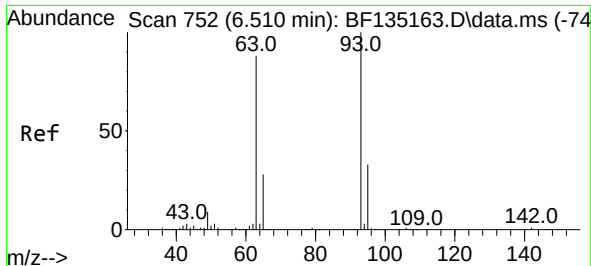
Ion Ratio Lower Upper

94 100

65 36.7 15.9 55.9

66 48.7 29.8 69.8

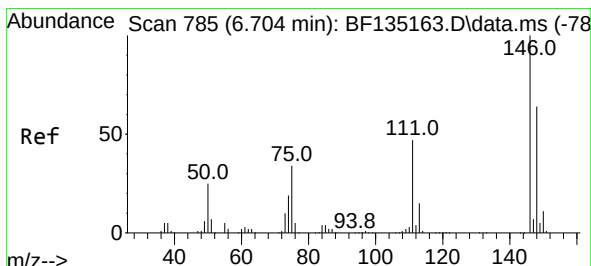
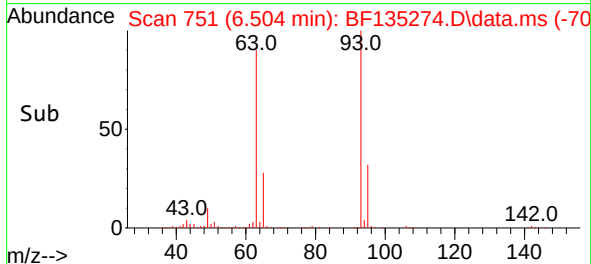
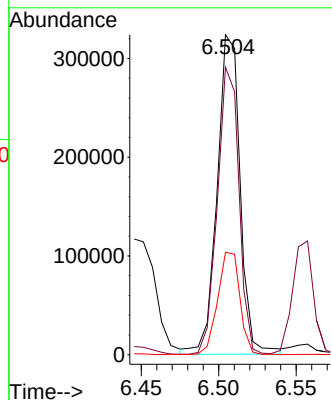
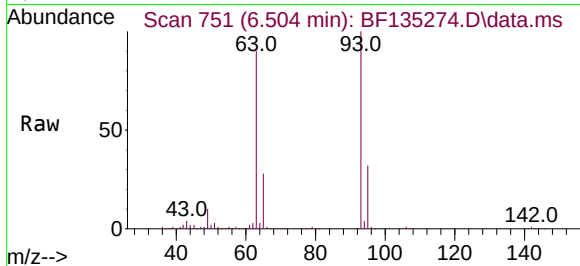




#11
bis(2-Chloroethyl)ether
Concen: 52.581 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

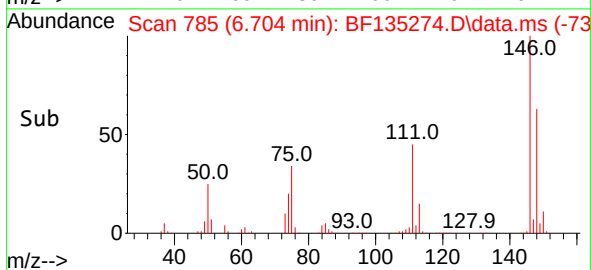
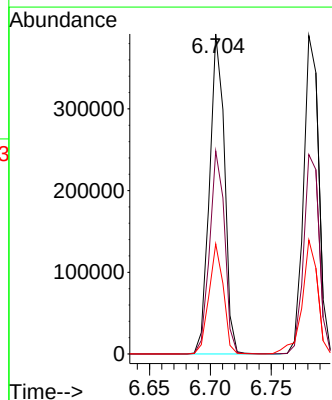
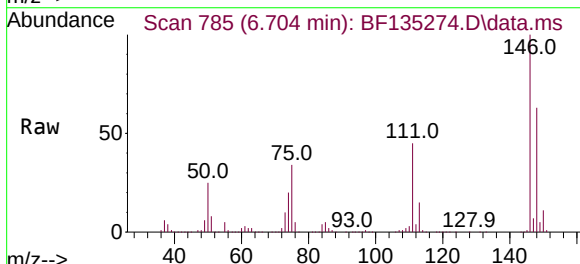
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

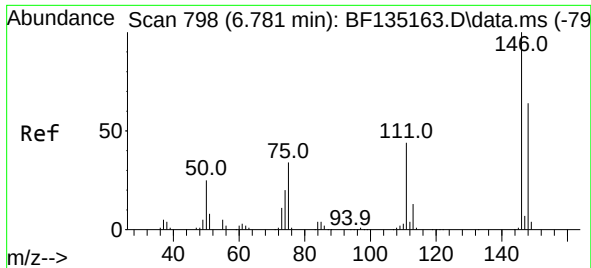
Tgt Ion: 93 Resp: 334760
Ion Ratio Lower Upper
93 100
63 89.8 67.3 107.3
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.751 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:146 Resp: 335158
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 34.4 27.4 41.2

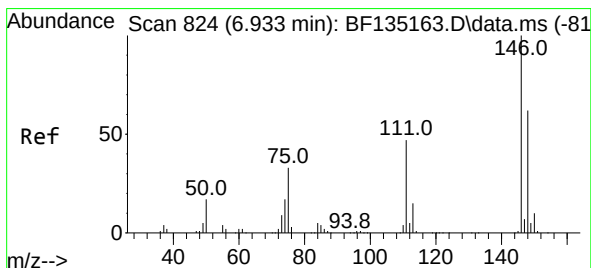
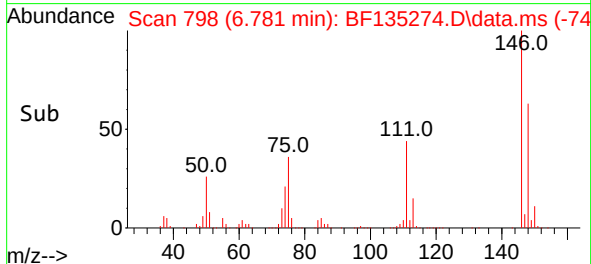
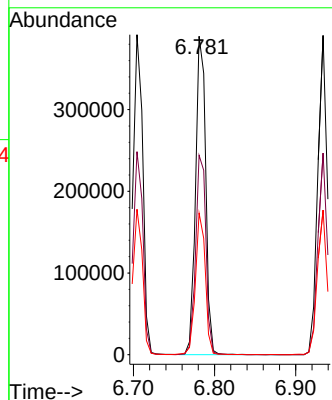
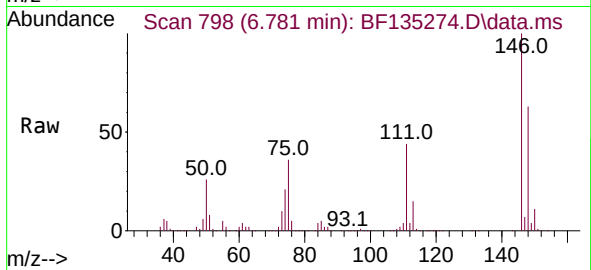




#13
1,4-Dichlorobenzene
Concen: 50.681 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

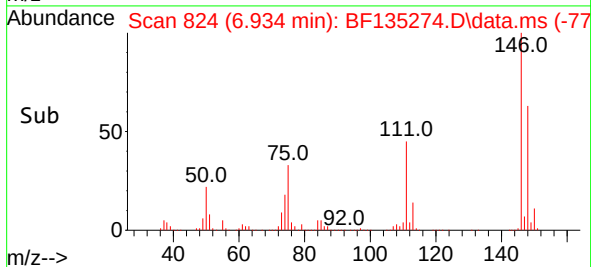
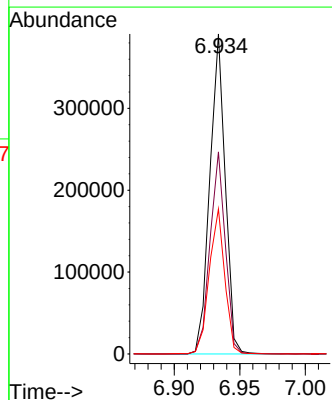
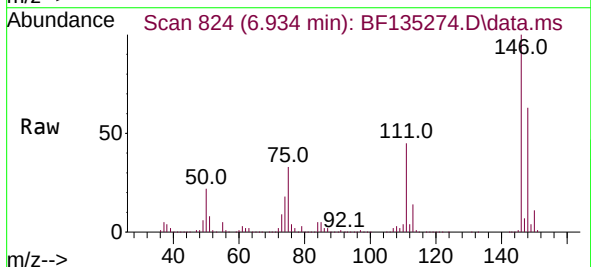
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

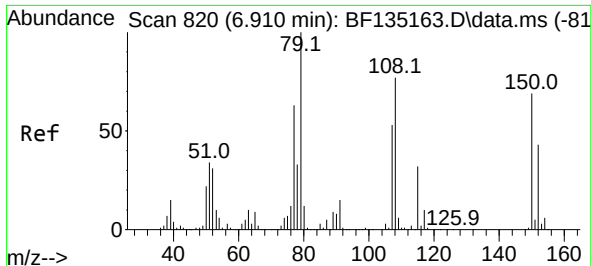
Tgt Ion:146 Resp: 340517
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
111 44.5 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 51.282 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:146 Resp: 319974
Ion Ratio Lower Upper
146 100
148 63.1 49.7 74.5
111 45.3 37.4 56.2

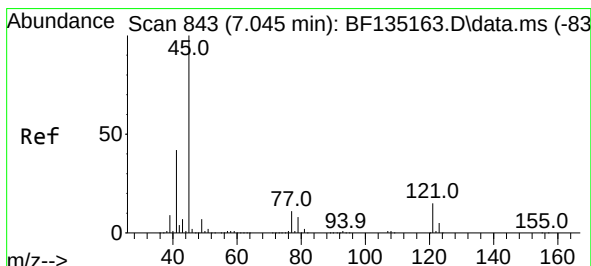
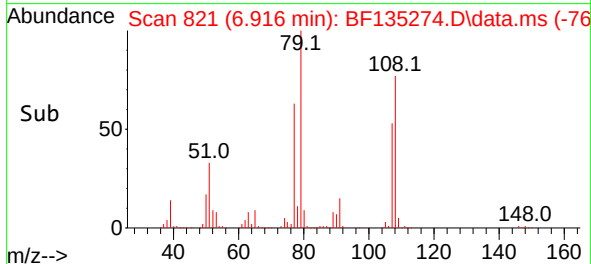
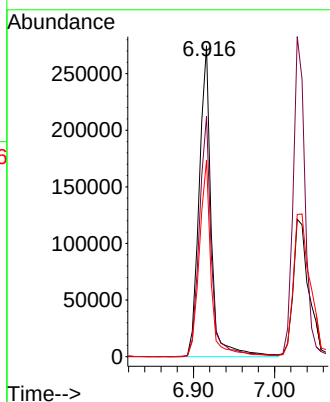
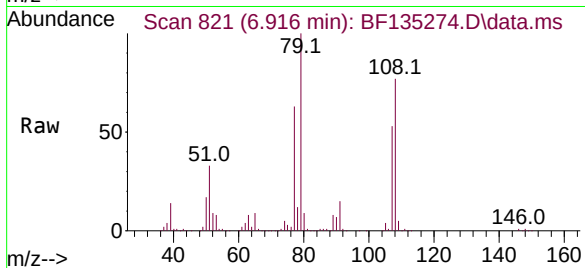




#15
Benzyl Alcohol
Concen: 50.972 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

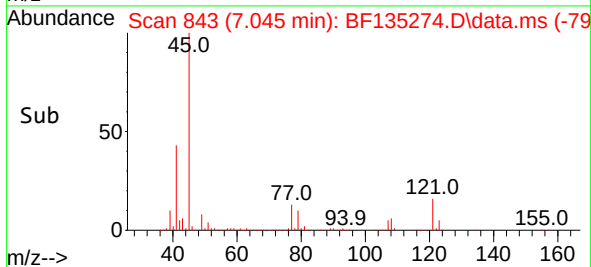
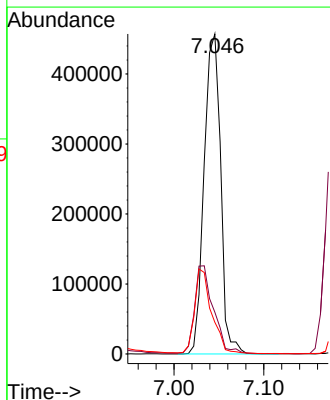
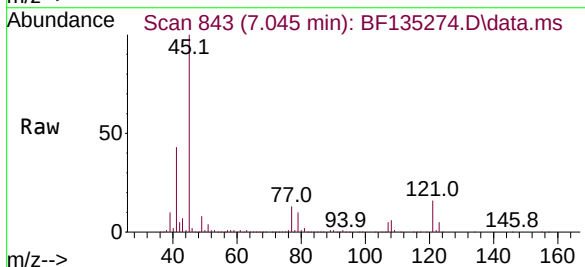
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

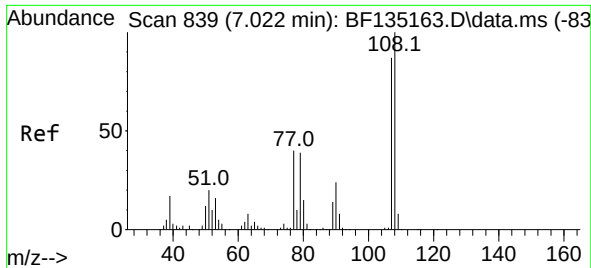
Tgt Ion: 79 Resp: 283111
Ion Ratio Lower Upper
79 100
108 77.3 61.2 91.8
77 63.2 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.618 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion: 45 Resp: 583430
Ion Ratio Lower Upper
45 100
77 13.1 0.0 30.6
79 9.9 0.0 28.3

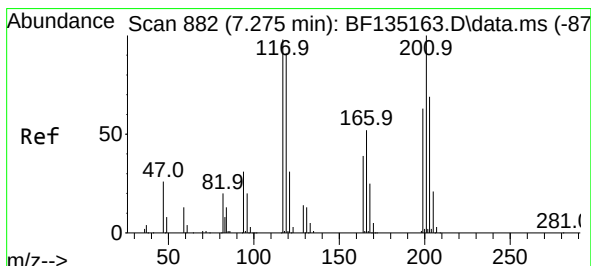
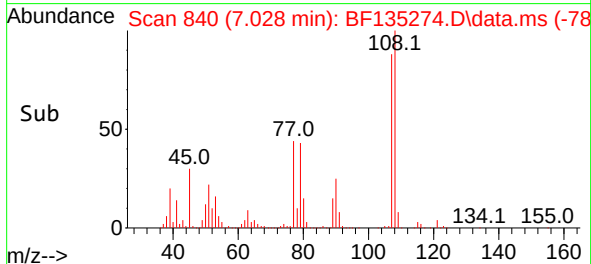
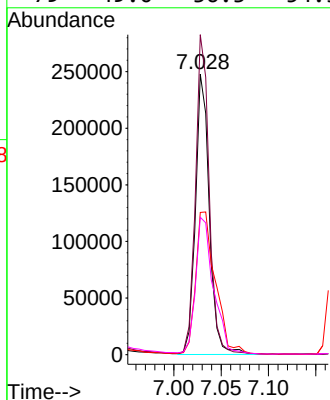
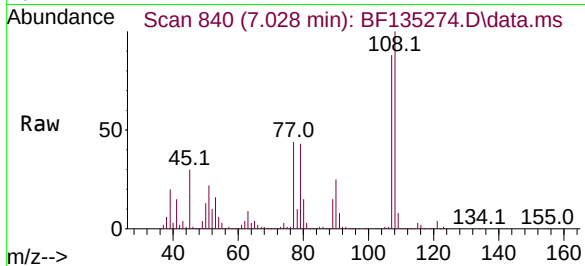




#17
2-Methylphenol
Concen: 44.063 ng
RT: 7.028 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

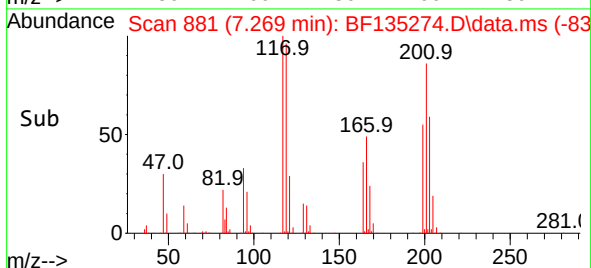
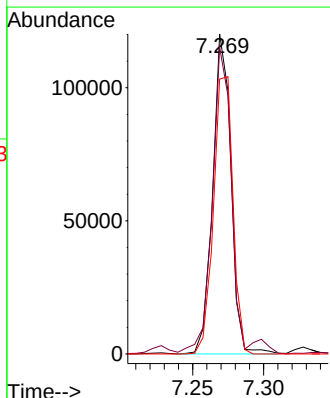
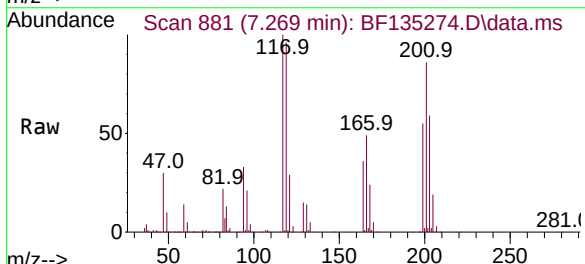
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

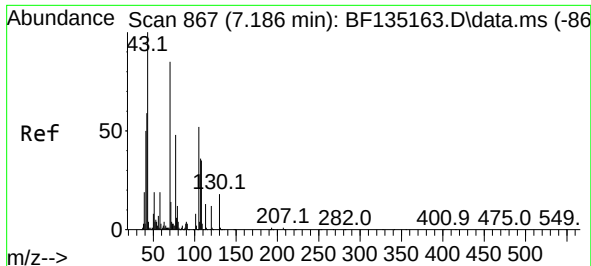
Tgt Ion:107 Resp: 252671
Ion Ratio Lower Upper
107 100
108 114.1 92.0 138.0
77 50.7 36.7 55.1
79 49.0 36.3 54.5



#18
Hexachloroethane
Concen: 43.404 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:117 Resp: 107754
Ion Ratio Lower Upper
117 100
119 95.8 74.7 112.1
201 85.9 81.8 122.8

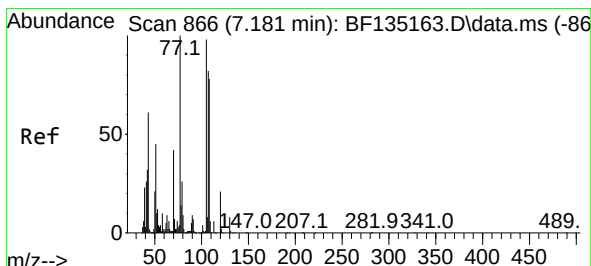
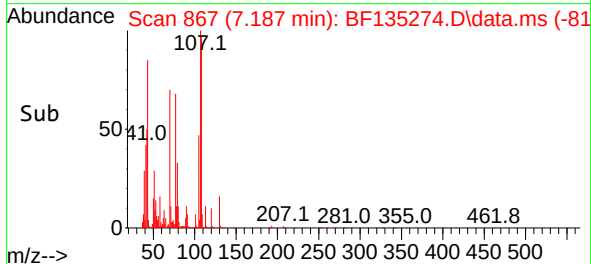
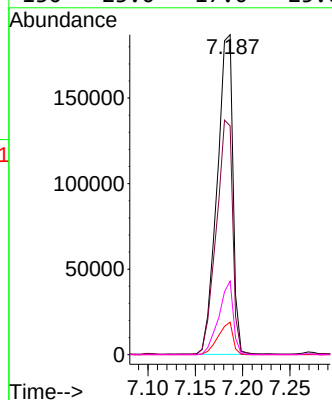
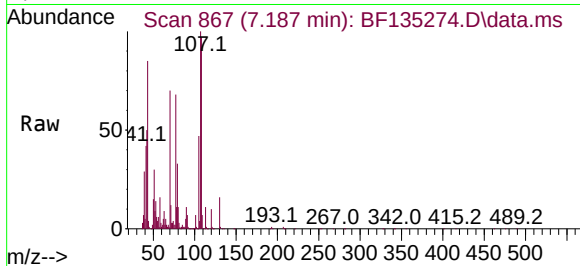




#19
n-Nitroso-di-n-propylamine
Concen: 45.371 ng
RT: 7.187 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

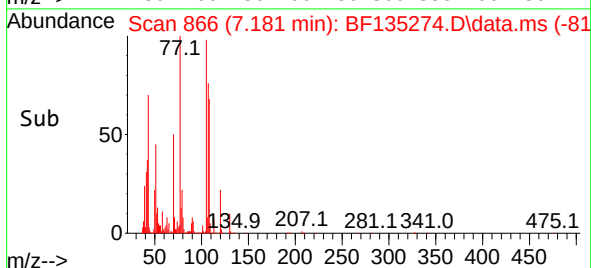
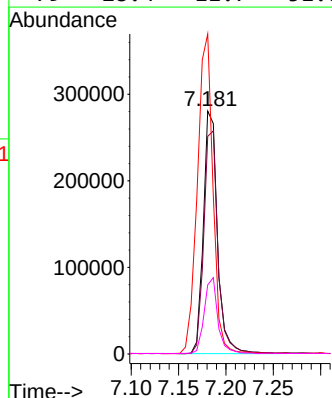
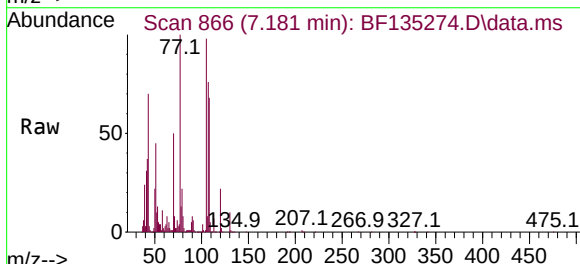
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

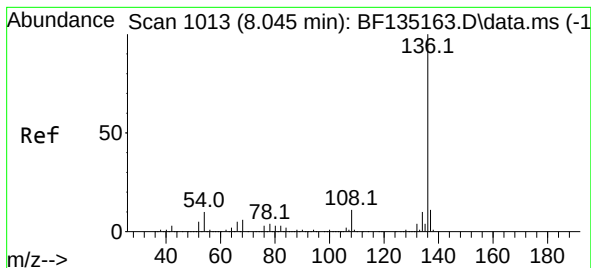
Tgt Ion: 70 Resp: 217522
Ion Ratio Lower Upper
70 100
42 71.5 55.4 83.0
101 10.1 7.7 11.5
130 23.0 17.0 25.6



#20
3+4-Methylphenols
Concen: 42.239 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion: 107 Resp: 291250
Ion Ratio Lower Upper
107 100
108 89.6 74.7 114.7
77 131.7 102.0 142.0
79 28.4 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.045 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF135274.D

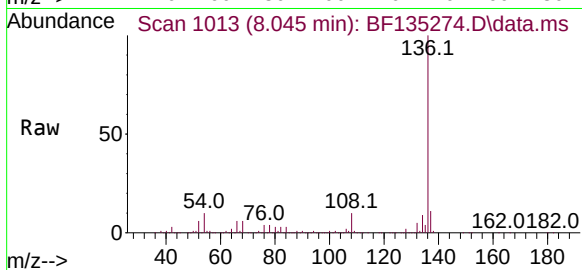
Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD



Tgt Ion:136 Resp: 335815

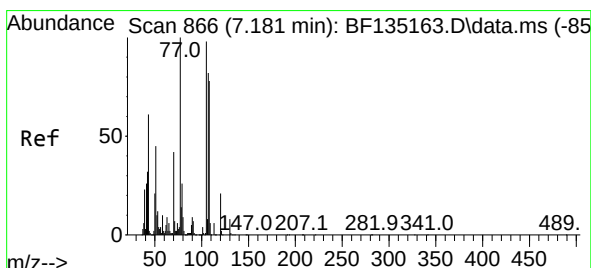
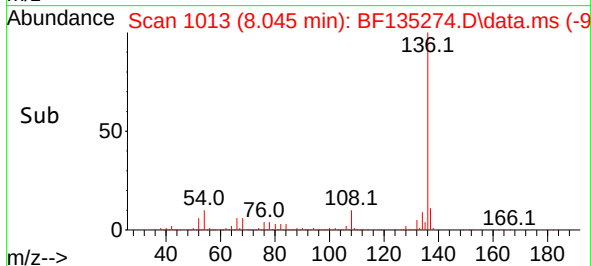
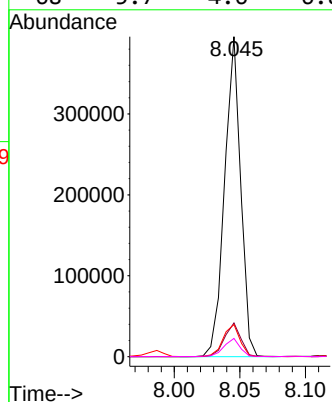
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.0 7.7 11.5

68 5.7 4.6 6.8



#22

Acetophenone

Concen: 55.302 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Tgt Ion:105 Resp: 424583

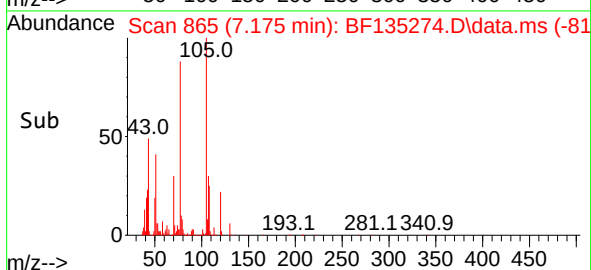
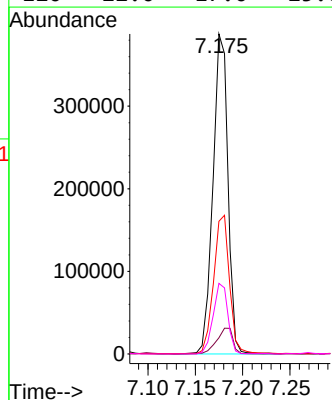
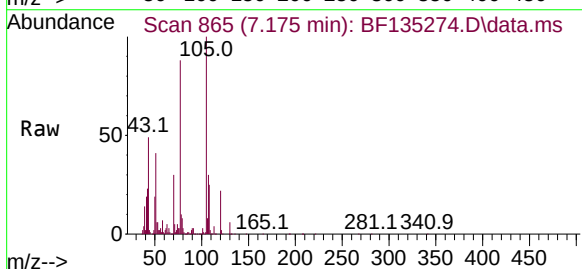
Ion Ratio Lower Upper

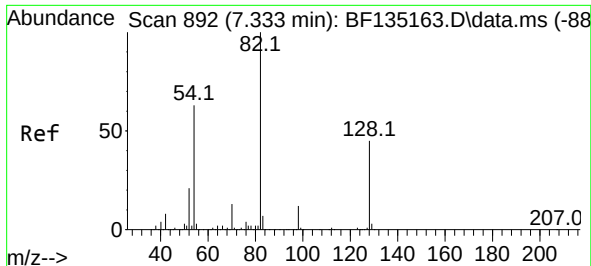
105 100

71 5.0 5.8 8.6

51 41.4 37.0 55.4

120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.156 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

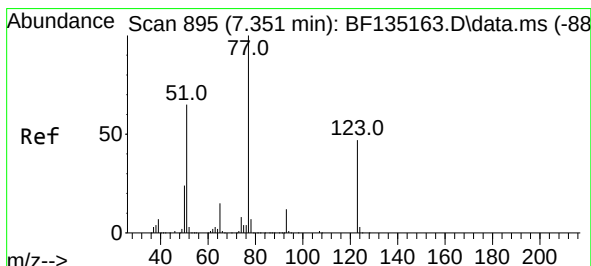
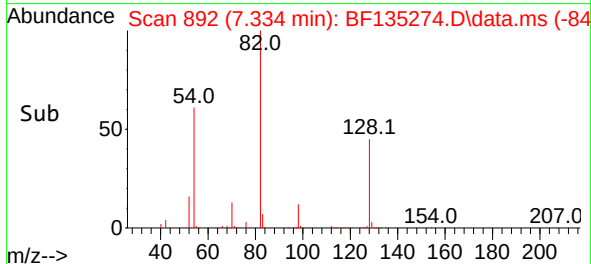
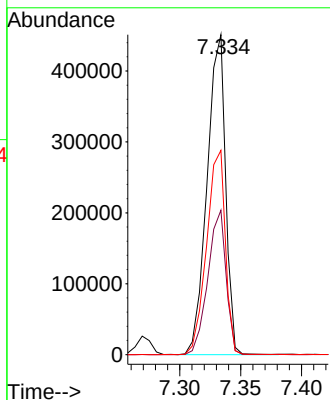
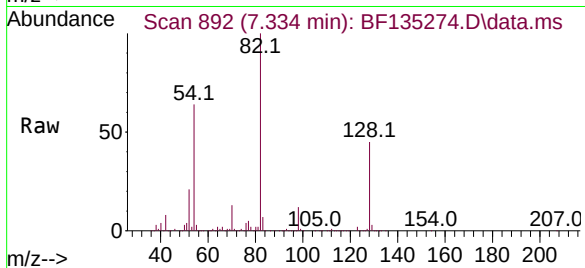
Tgt Ion: 82 Resp: 476909

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.6

54 63.8 50.6 76.0



#24

Nitrobenzene

Concen: 54.523 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

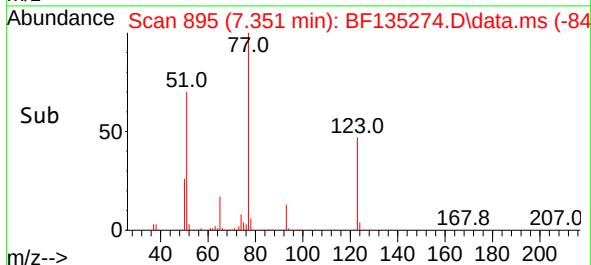
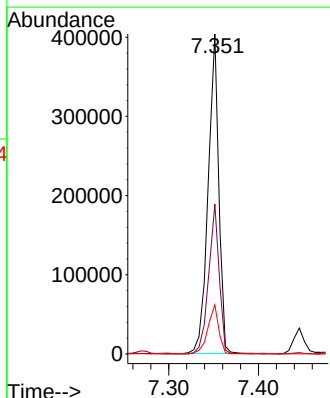
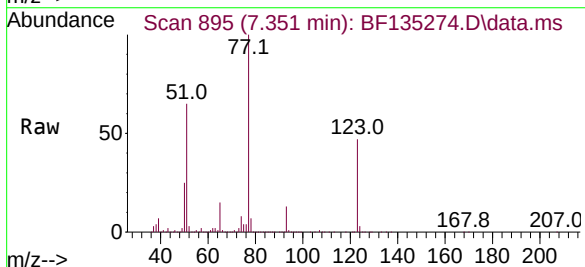
Tgt Ion: 77 Resp: 333104

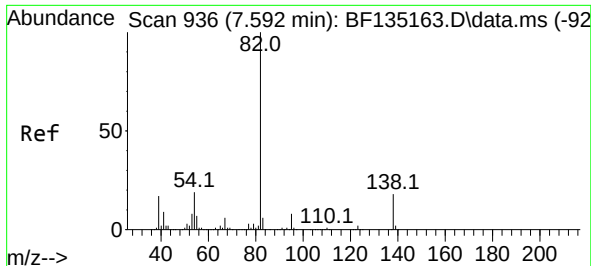
Ion Ratio Lower Upper

77 100

123 46.8 37.6 56.4

65 15.3 12.2 18.4

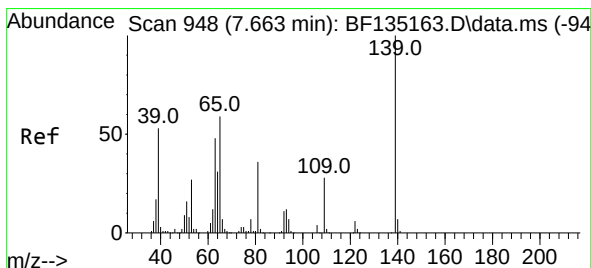
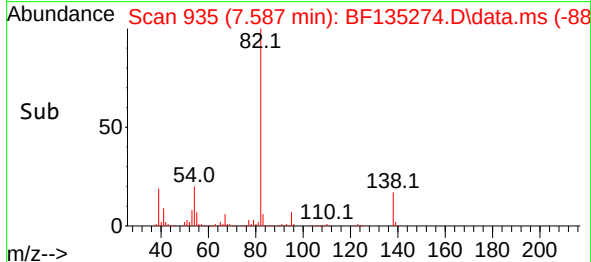
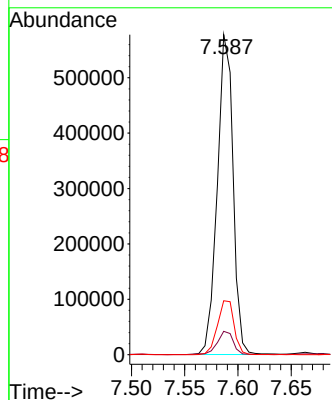
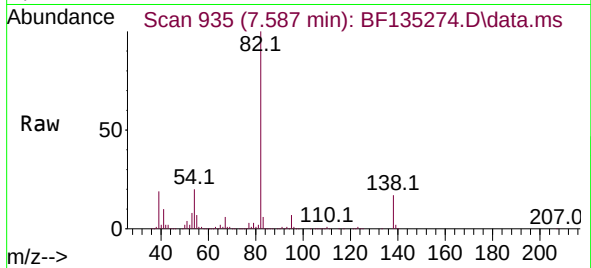




#25
Isophorone
Concen: 52.268 ng
RT: 7.587 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

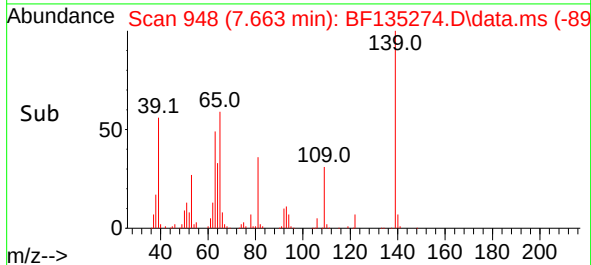
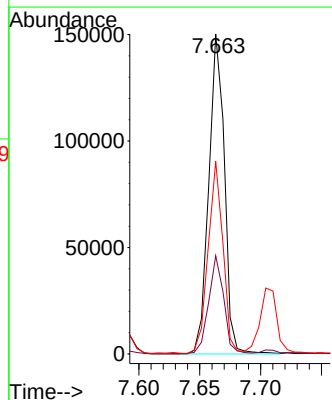
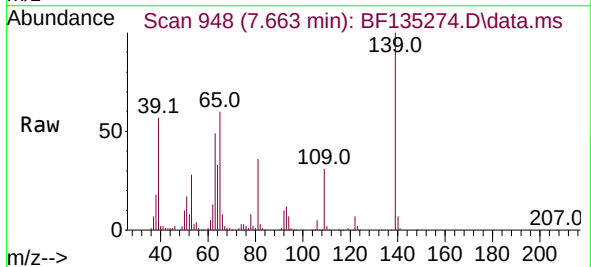
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

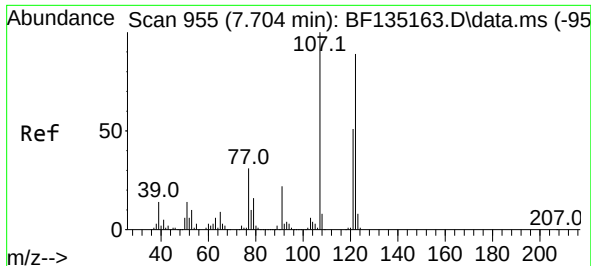
Tgt Ion: 82 Resp: 593245
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.9 14.5 21.7



#26
2-Nitrophenol
Concen: 45.793 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:139 Resp: 134273
Ion Ratio Lower Upper
139 100
109 30.7 22.6 33.8
65 60.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 51.529 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135274.D

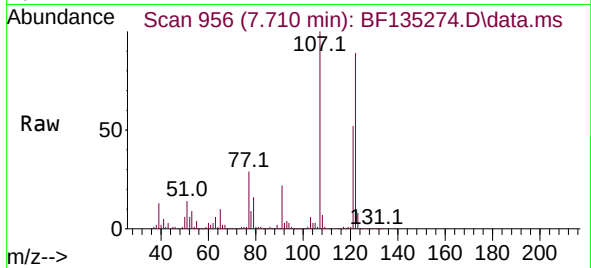
Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD



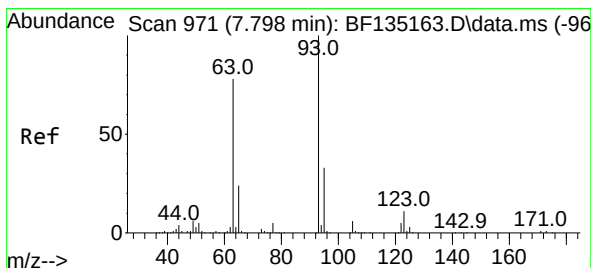
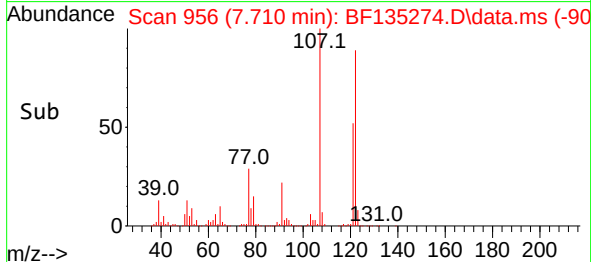
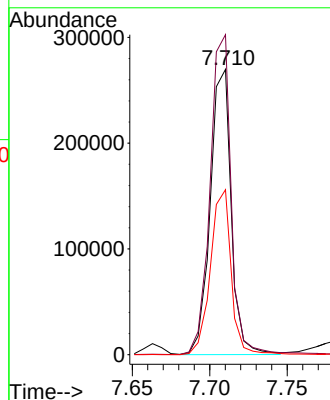
Tgt Ion:122 Resp: 253969

Ion Ratio Lower Upper

122 100

107 112.2 90.2 135.4

121 57.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 55.108 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

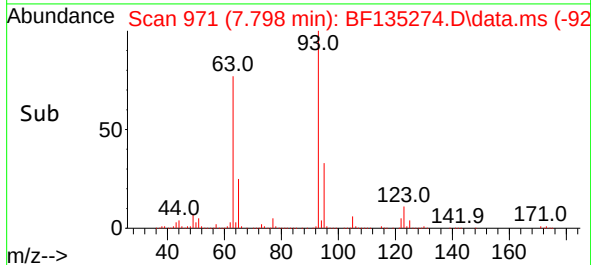
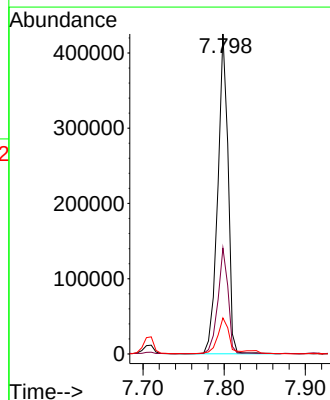
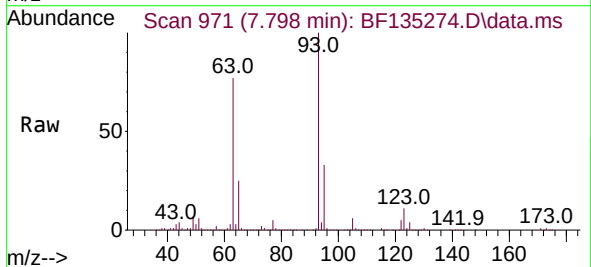
Tgt Ion: 93 Resp: 374373

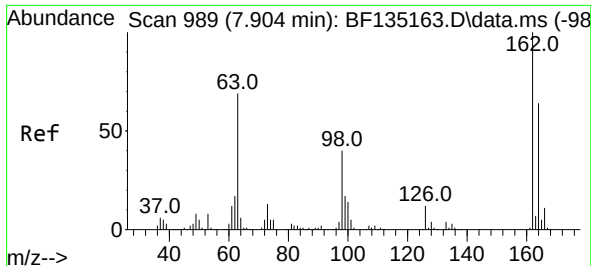
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 11.2 8.8 13.2

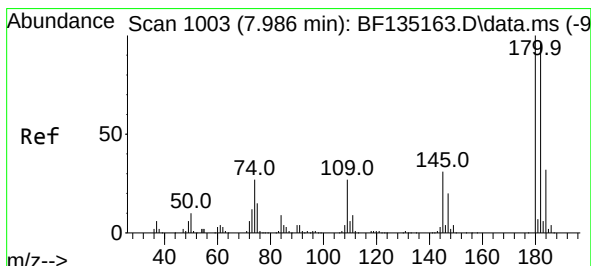
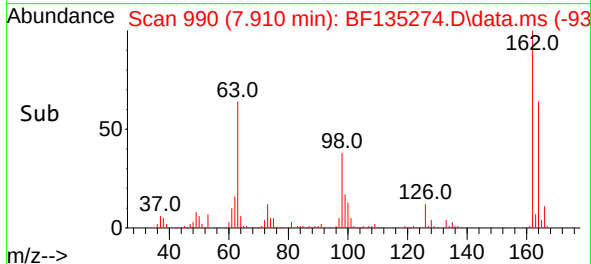
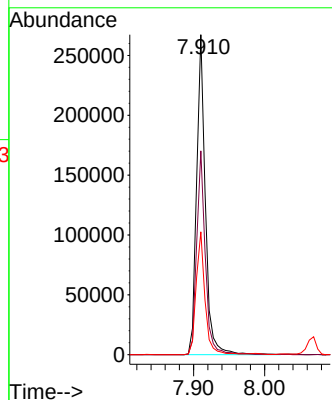
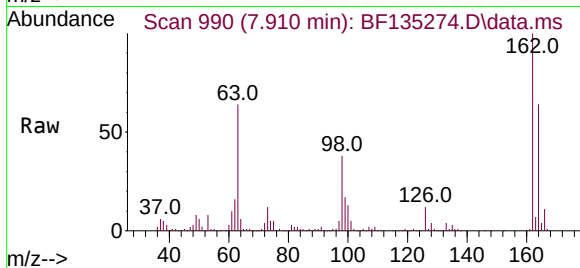




#29
2,4-Dichlorophenol
Concen: 50.471 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

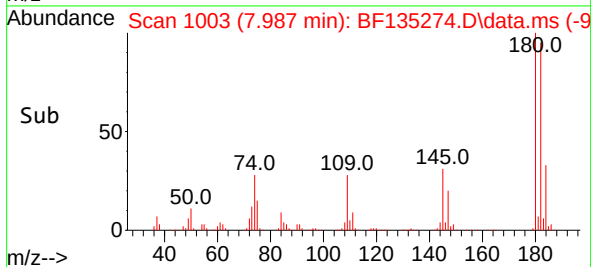
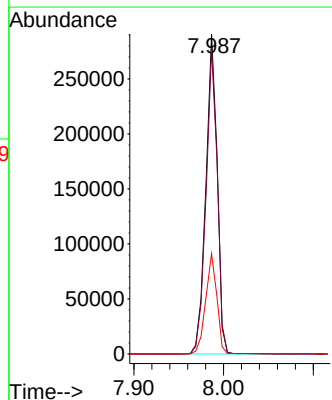
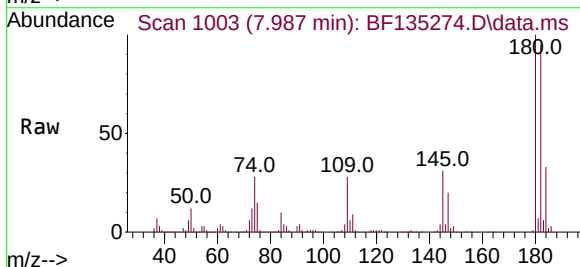
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

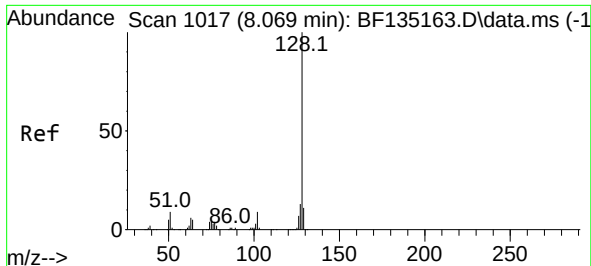
Tgt Ion:162 Resp: 230497
Ion Ratio Lower Upper
162 100
164 63.7 44.1 84.1
98 38.4 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 53.434 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:180 Resp: 255069
Ion Ratio Lower Upper
180 100
182 95.3 76.9 115.3
145 31.4 24.5 36.7

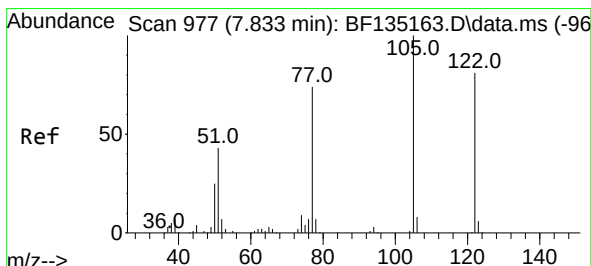
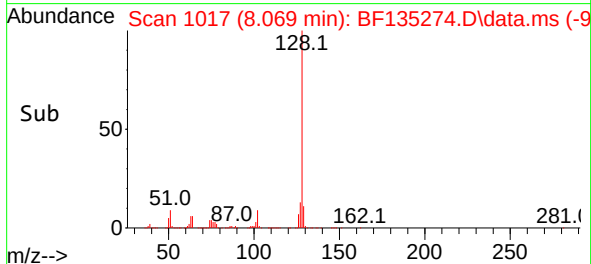
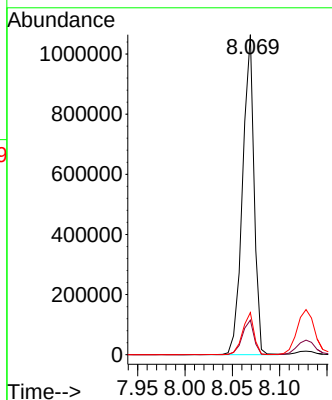
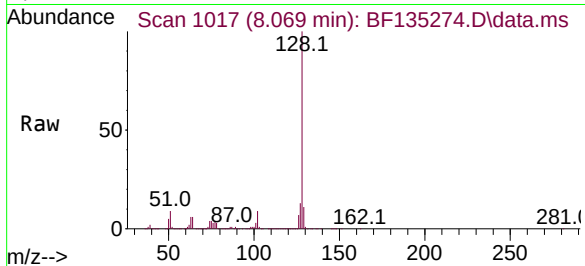




#31
Naphthalene
Concen: 55.321 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

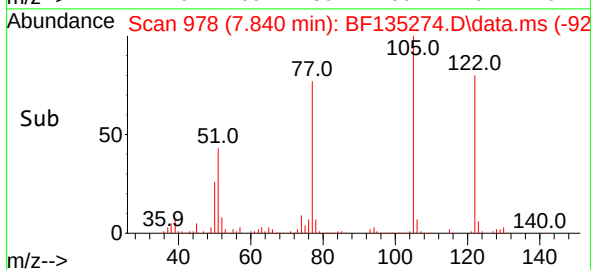
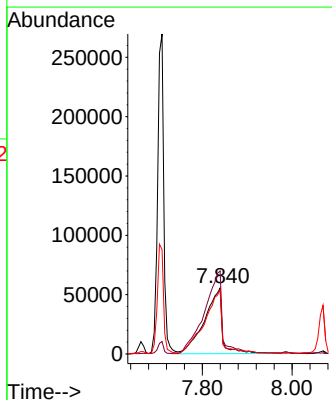
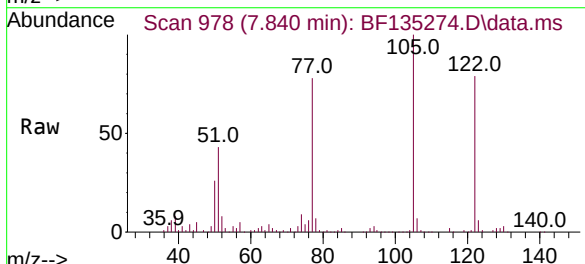
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

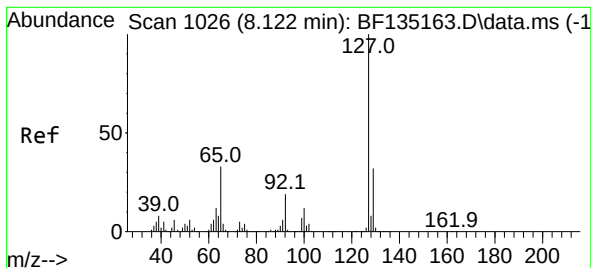
Tgt Ion:128 Resp: 902629
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 41.882 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:122 Resp: 155436
Ion Ratio Lower Upper
122 100
105 126.0 99.9 139.9
77 97.8 70.0 110.0





#33

4-Chloroaniline

Concen: 28.664 ng

RT: 8.128 min Scan# 1026

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

Tgt Ion:127 Resp: 205194

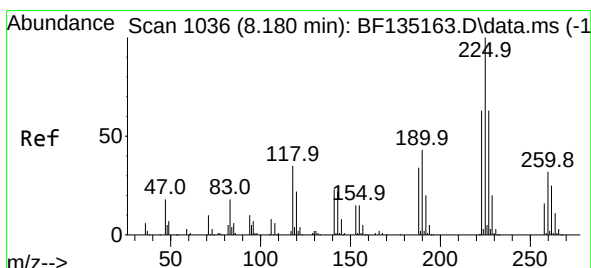
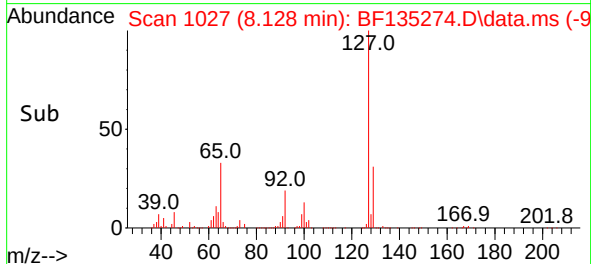
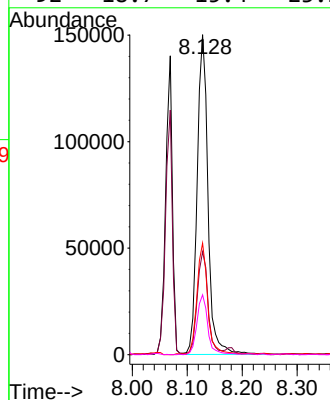
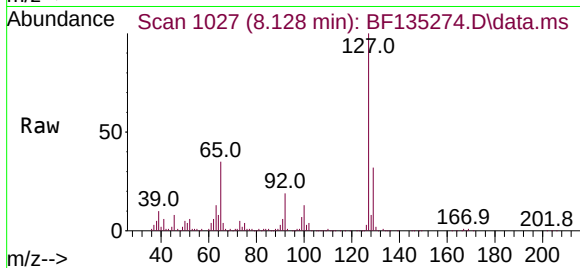
Ion Ratio Lower Upper

127 100

129 32.1 25.8 38.8

65 34.9 26.6 39.8

92 18.7 15.4 23.2



#34

Hexachlorobutadiene

Concen: 53.883 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

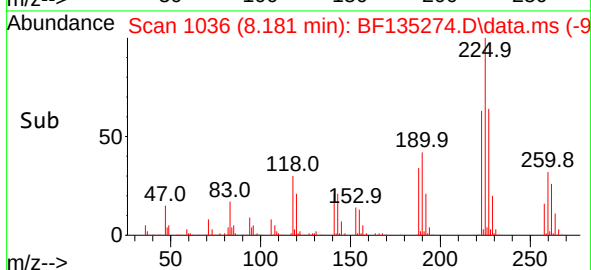
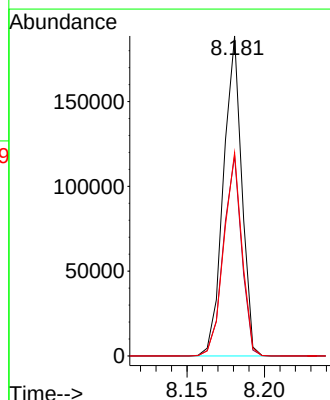
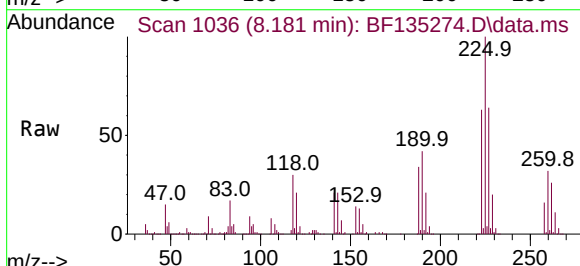
Tgt Ion:225 Resp: 155092

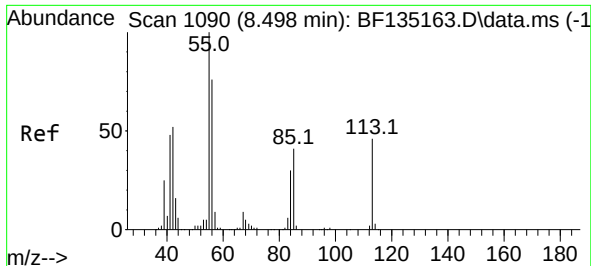
Ion Ratio Lower Upper

225 100

223 62.5 50.6 75.8

227 63.5 50.8 76.2

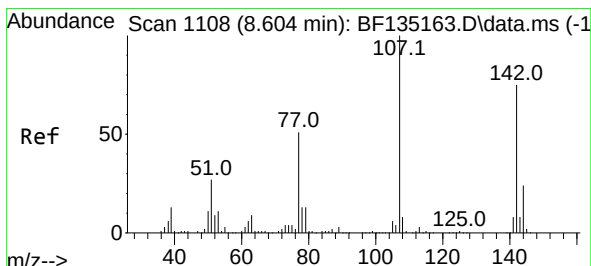
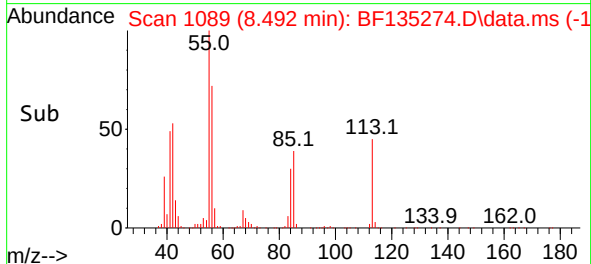
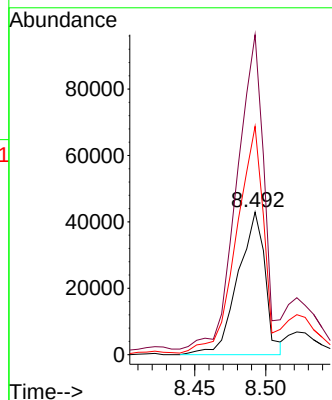
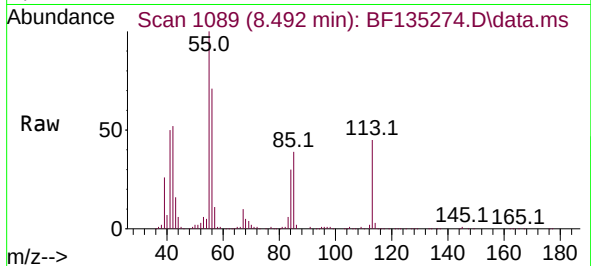




#35
Caprolactam
Concen: 37.410 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

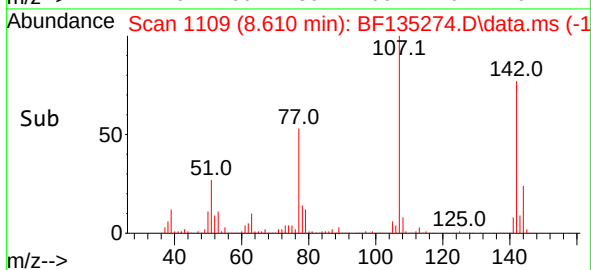
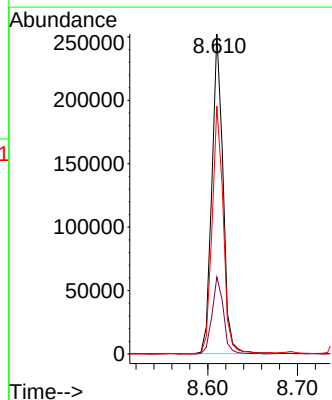
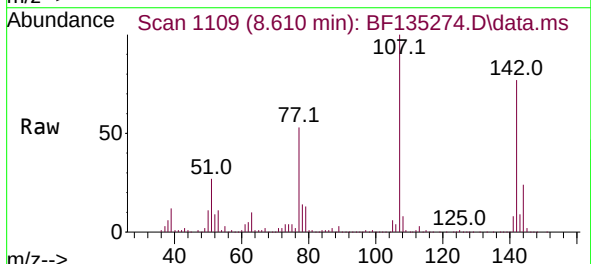
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

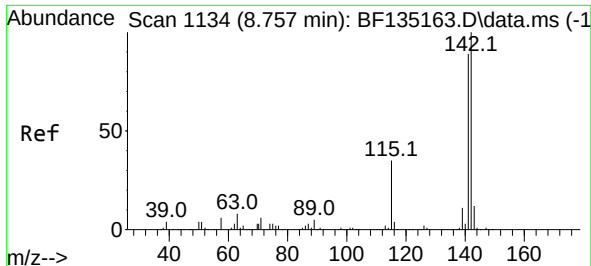
Tgt Ion:113 Resp: 57340
Ion Ratio Lower Upper
113 100
55 224.5 199.3 239.3
56 160.2 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 42.802 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:107 Resp: 217253
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.4
142 77.4 60.2 90.2

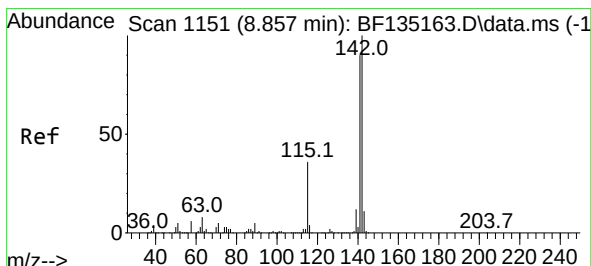
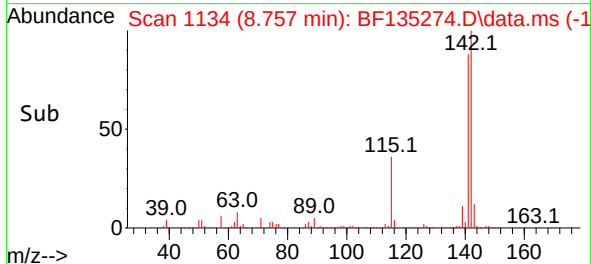
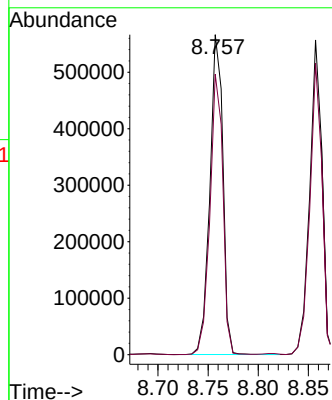
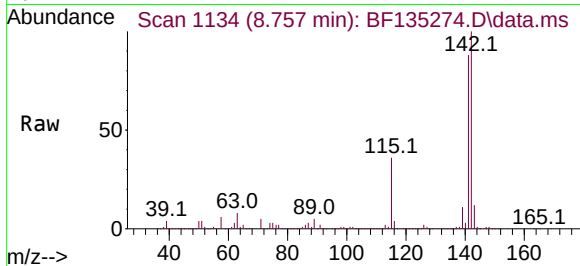




#37
2-Methylnaphthalene
Concen: 46.833 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

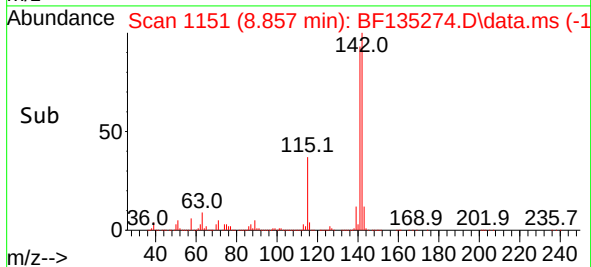
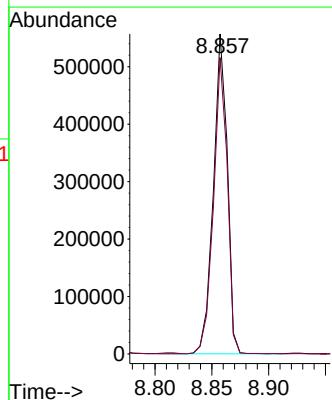
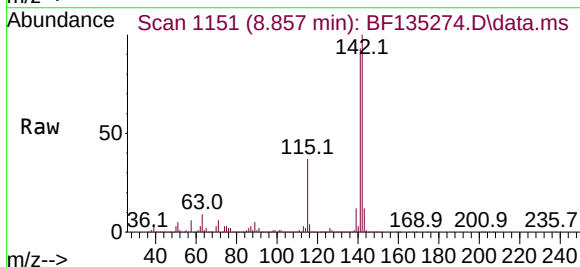
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

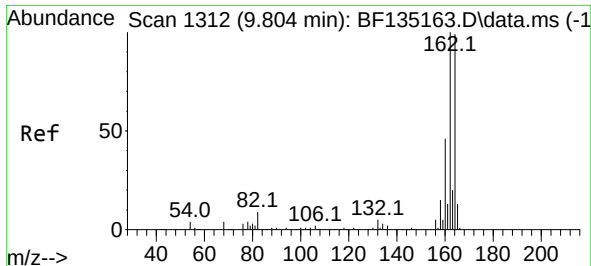
Tgt Ion:142 Resp: 513653
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6



#38
1-Methylnaphthalene
Concen: 46.101 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:142 Resp: 473388
Ion Ratio Lower Upper
142 100
141 92.6 72.4 108.6

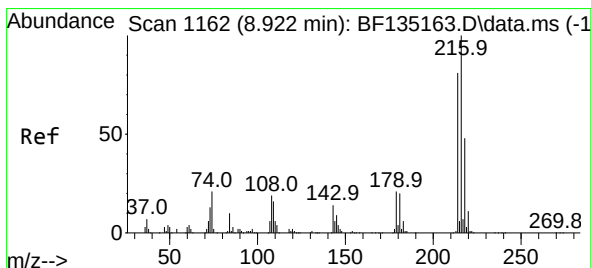
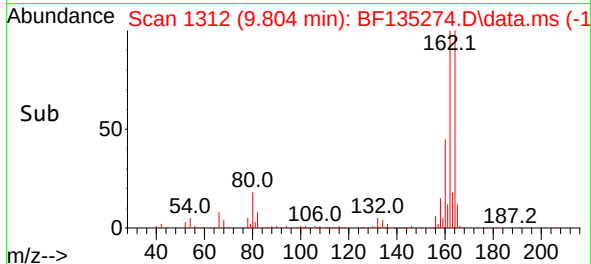
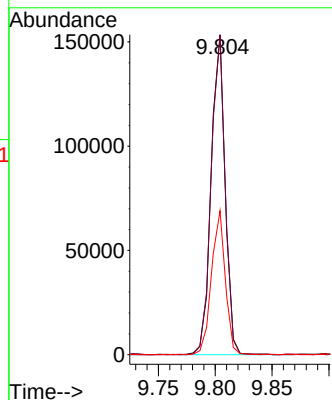
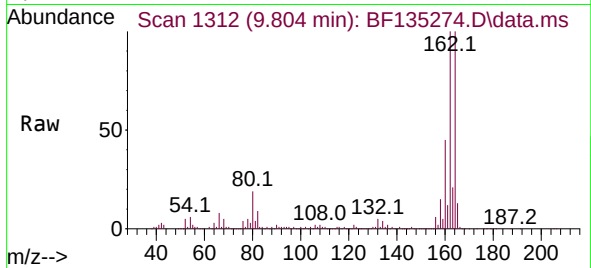




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

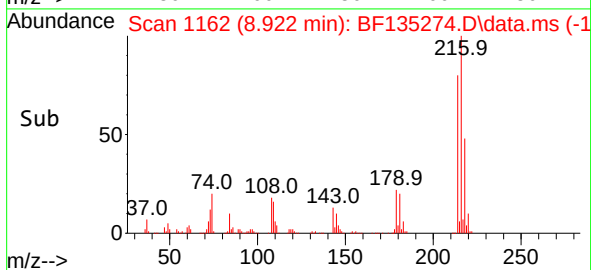
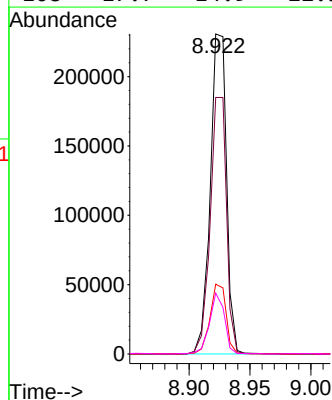
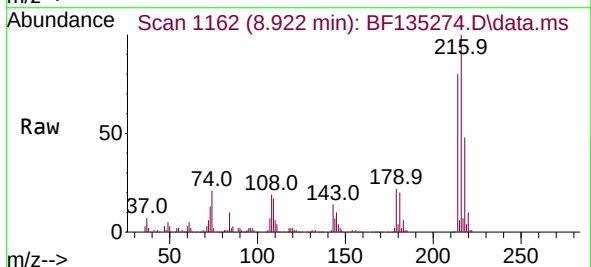
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

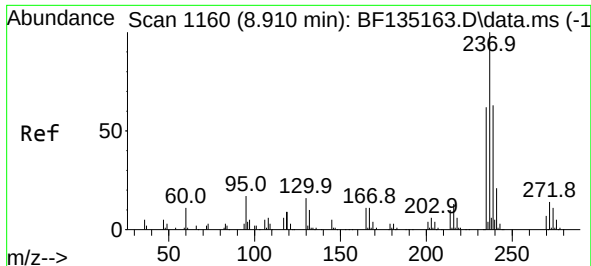
Tgt Ion:164 Resp: 130551
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 45.0 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.887 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:216 Resp: 215158
Ion Ratio Lower Upper
216 100
214 80.4 63.7 95.5
179 21.6 16.7 25.1
108 17.7 14.9 22.3

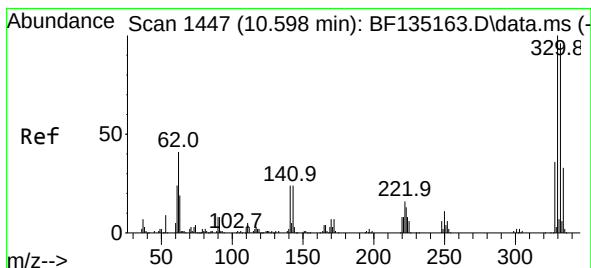
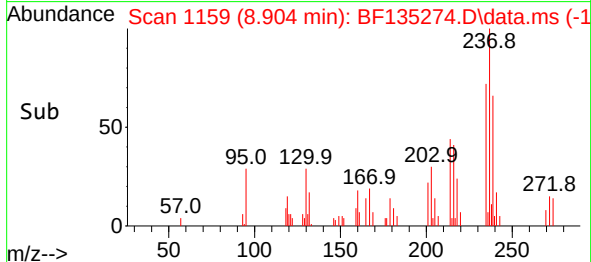
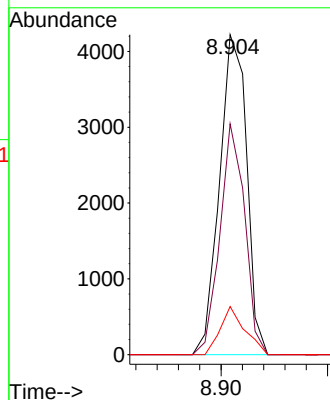
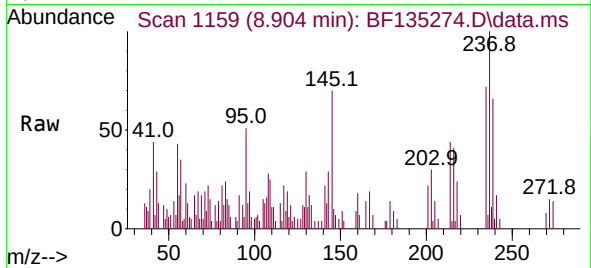




#41
Hexachlorocyclopentadiene
Concen: 9.419 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

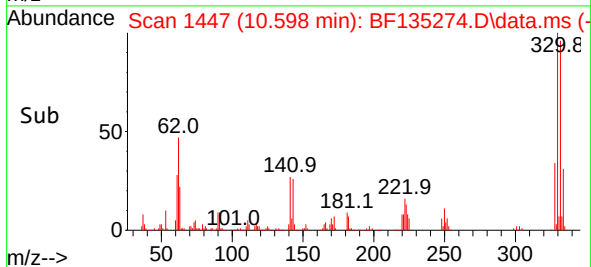
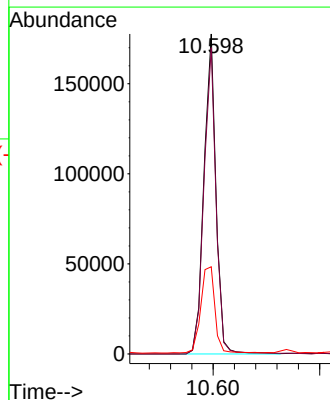
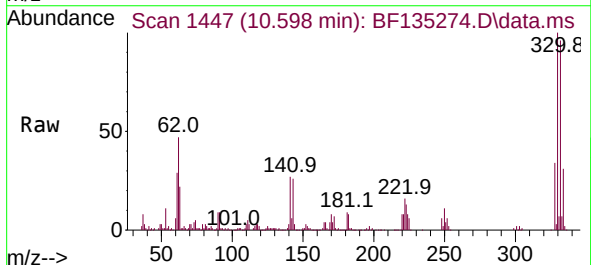
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

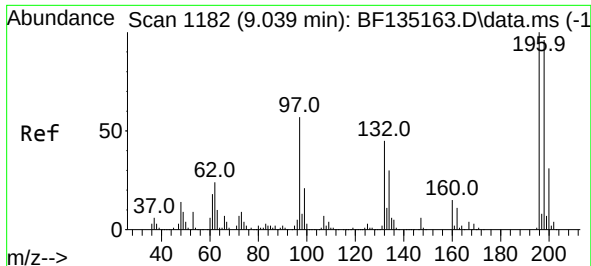
Tgt Ion:237	Resp:	3736
Ion Ratio	Lower	Upper
237	100	
235	72.1	41.8 81.8
272	15.1	0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 107.757 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:330	Resp:	139800
Ion Ratio	Lower	Upper
330	100	
332	96.0	77.3 115.9
141	31.6	25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 55.500 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

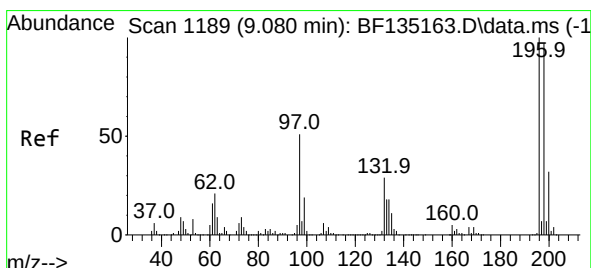
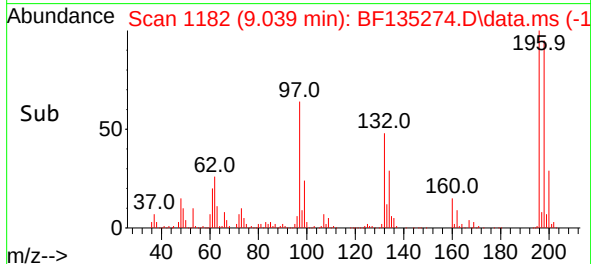
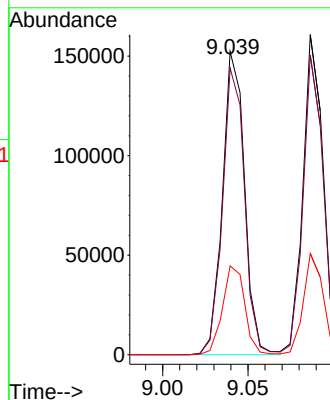
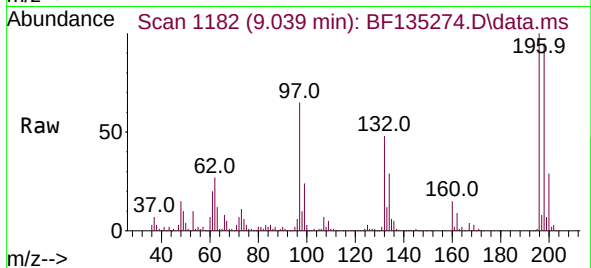
Tgt Ion:196 Resp: 137437

Ion Ratio Lower Upper

196 100

198 94.5 77.0 115.6

200 29.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 48.278 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Tgt Ion:196 Resp: 137679

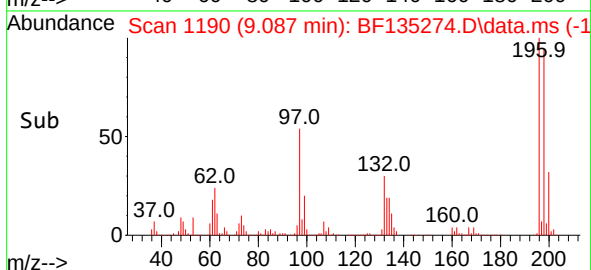
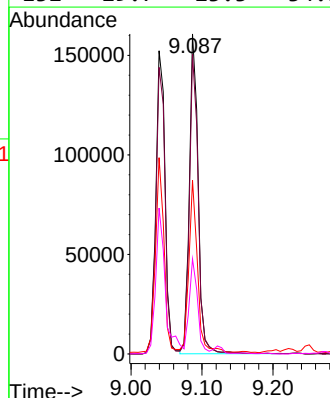
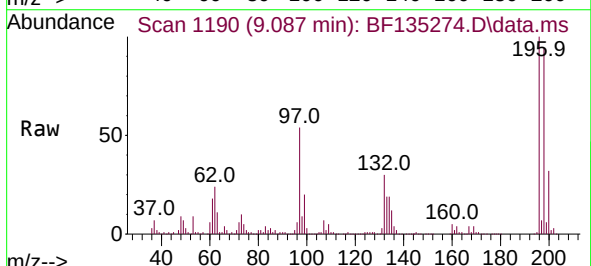
Ion Ratio Lower Upper

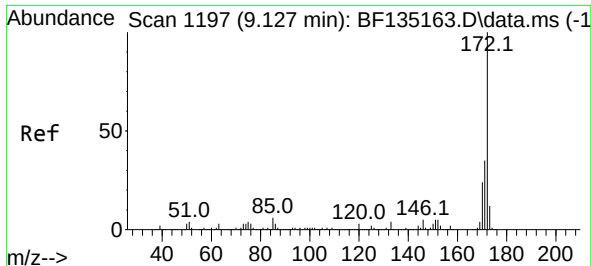
196 100

198 93.6 77.5 116.3

97 54.3 40.5 60.7

132 29.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 81.574 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

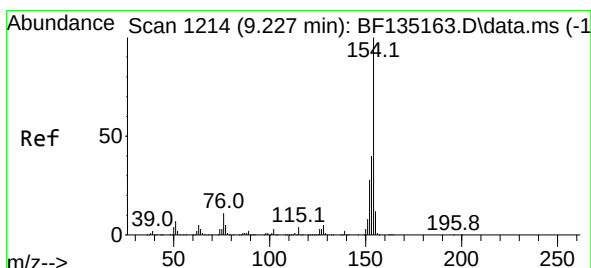
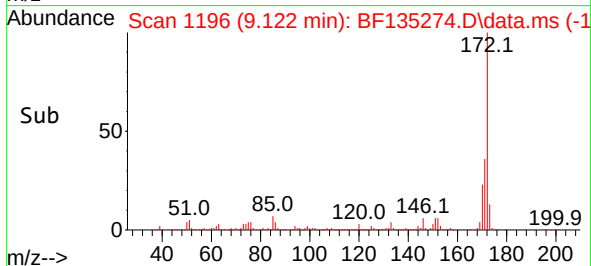
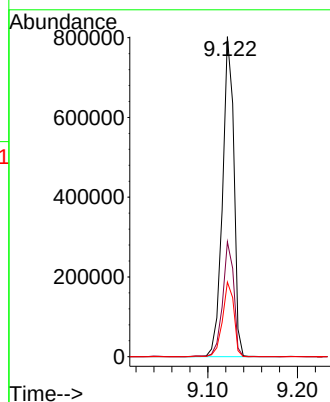
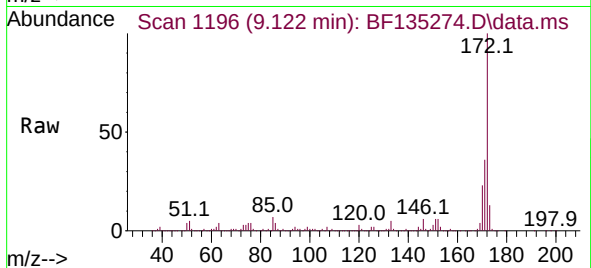
Tgt Ion:172 Resp: 705865

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 58.126 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

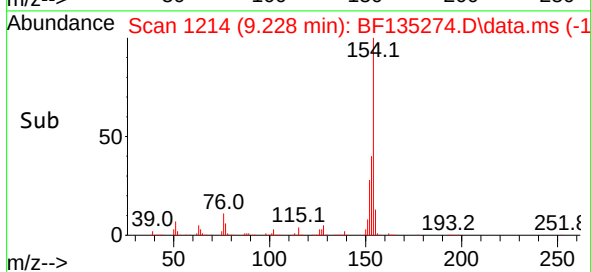
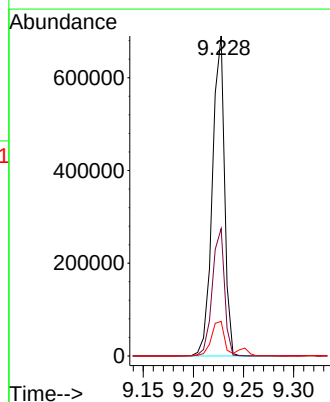
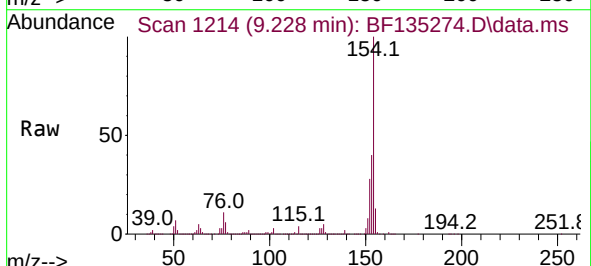
Tgt Ion:154 Resp: 583157

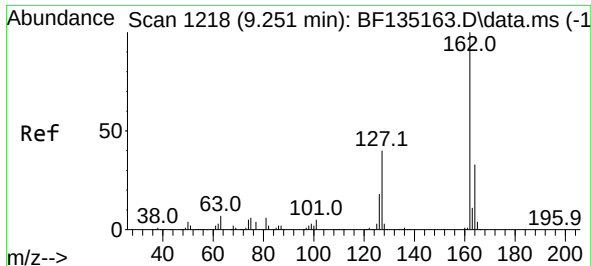
Ion Ratio Lower Upper

154 100

153 39.8 19.6 59.6

76 10.8 0.0 31.0

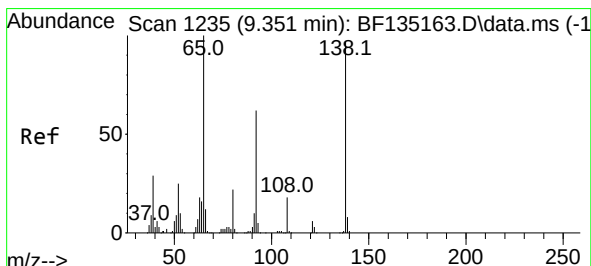
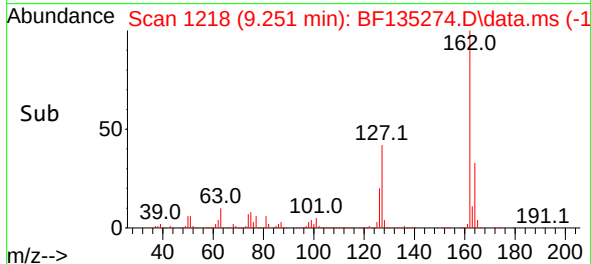
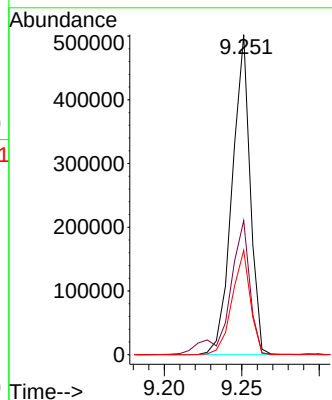
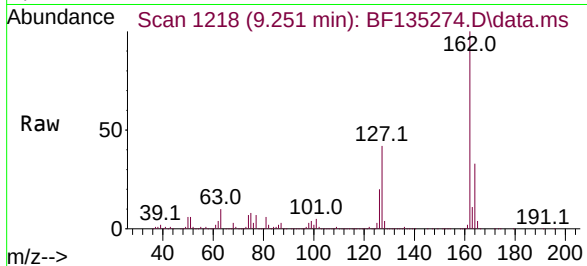




#47
2-Chloronaphthalene
Concen: 55.688 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

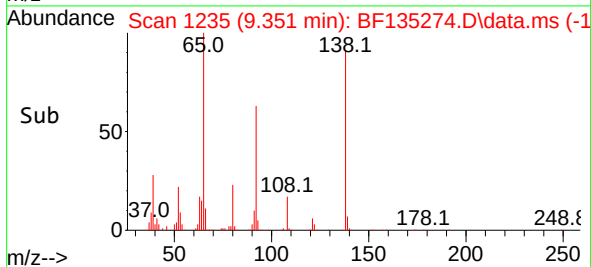
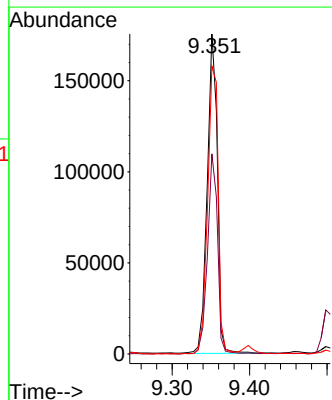
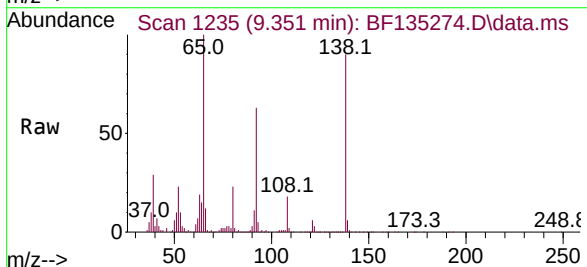
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

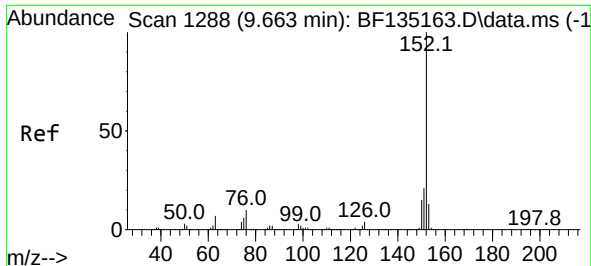
Tgt Ion:162 Resp: 405367
Ion Ratio Lower Upper
162 100
127 41.9 32.6 48.8
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 56.236 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion: 65 Resp: 159035
Ion Ratio Lower Upper
65 100
92 62.6 49.4 74.0
138 89.9 77.4 116.0





#49

Acenaphthylene

Concen: 56.931 ng

RT: 9.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

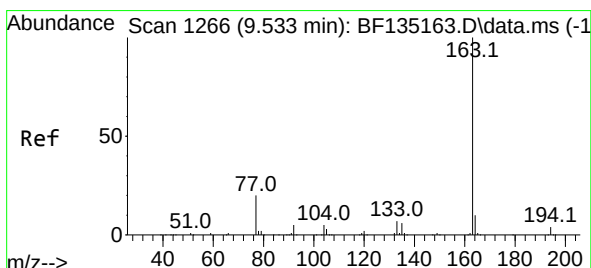
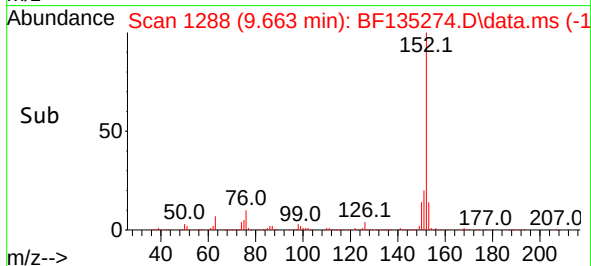
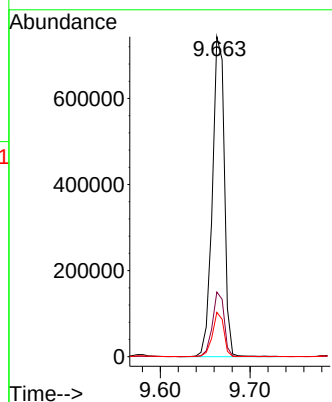
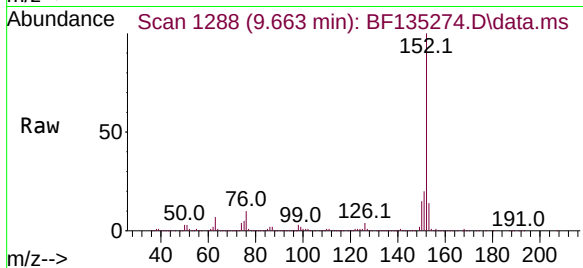
Tgt Ion:152 Resp: 688734

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.8 10.4 15.6



#50

Dimethylphthalate

Concen: 56.529 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

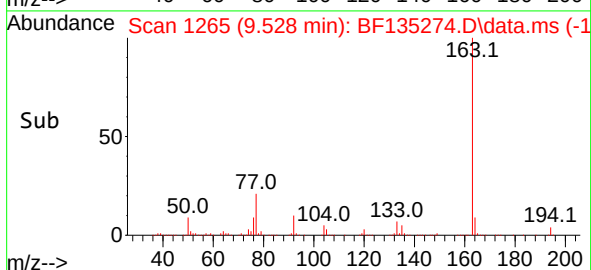
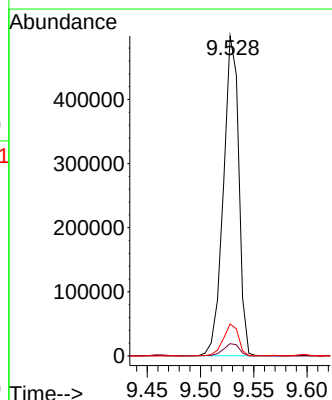
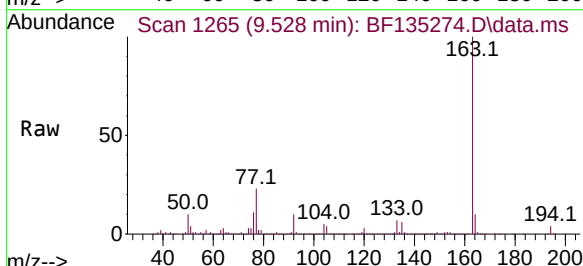
Tgt Ion:163 Resp: 498954

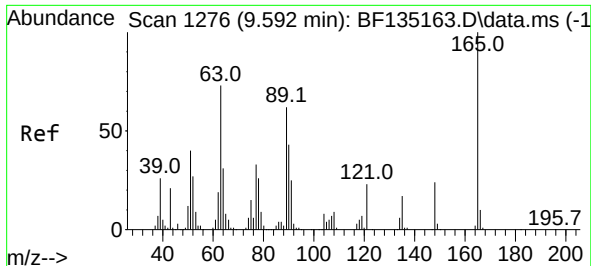
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 50.022 ng

RT: 9.598 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

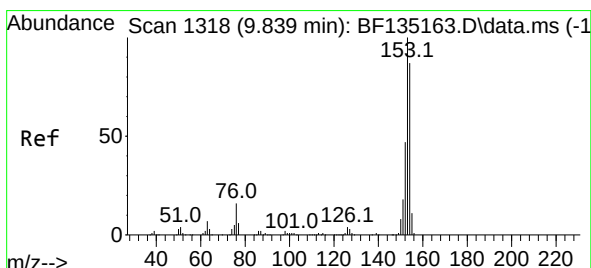
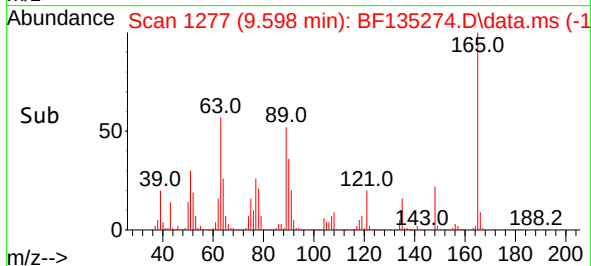
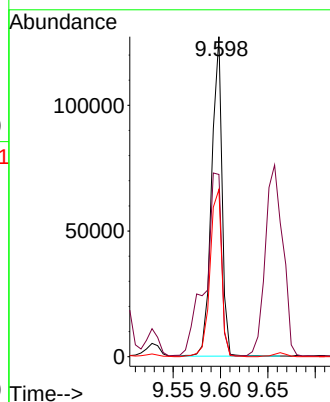
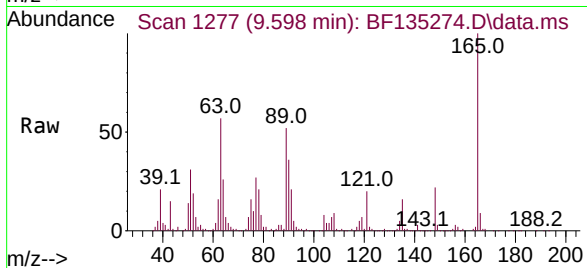
Tgt Ion:165 Resp: 96724

Ion Ratio Lower Upper

165 100

63 57.0 59.4 89.2#

89 52.2 49.8 74.8



#52

Acenaphthene

Concen: 59.059 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

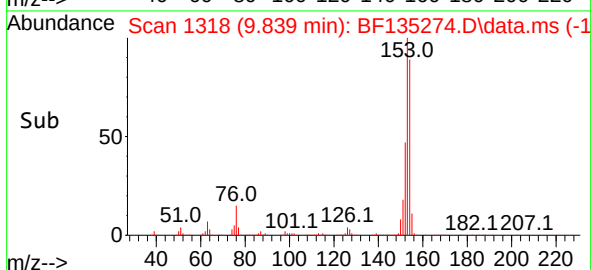
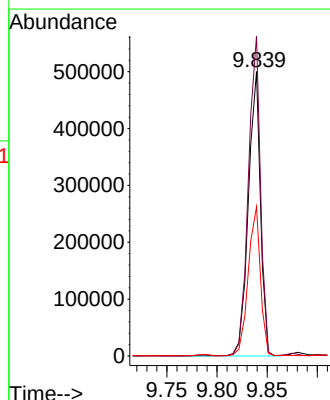
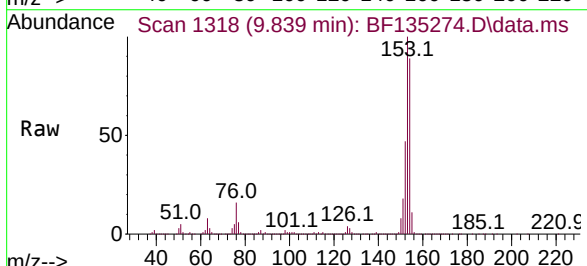
Tgt Ion:154 Resp: 422068

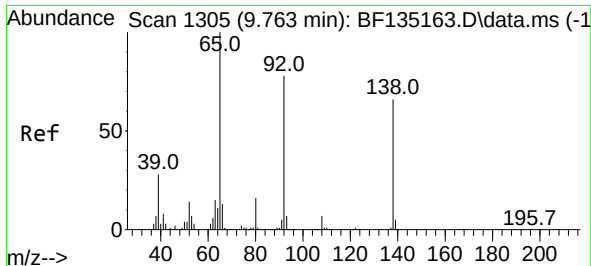
Ion Ratio Lower Upper

154 100

153 112.6 92.1 138.1

152 52.5 43.1 64.7

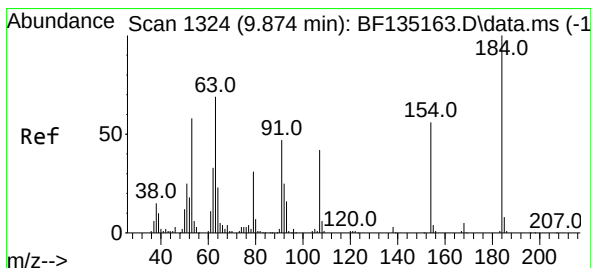
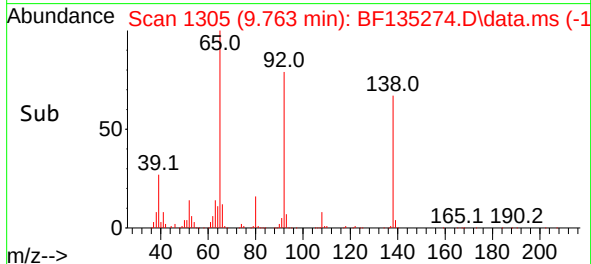
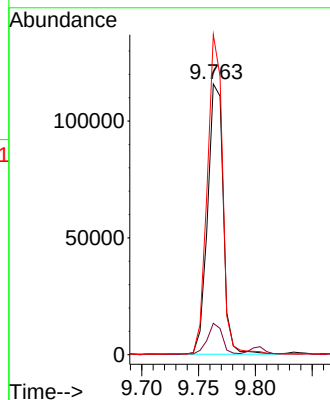
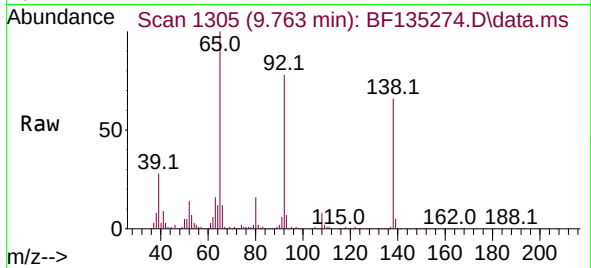




#53
3-Nitroaniline
Concen: 48.863 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

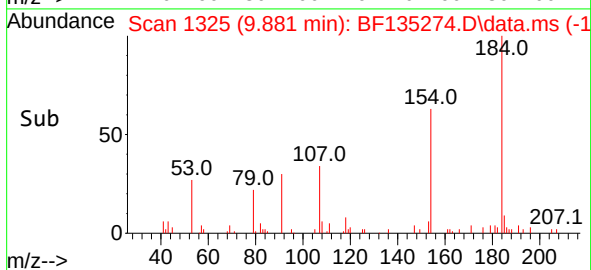
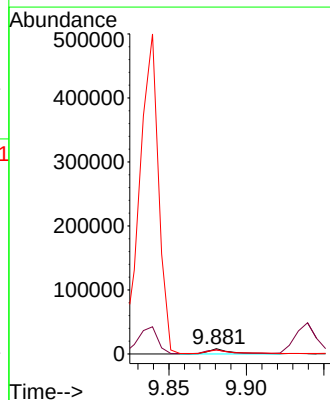
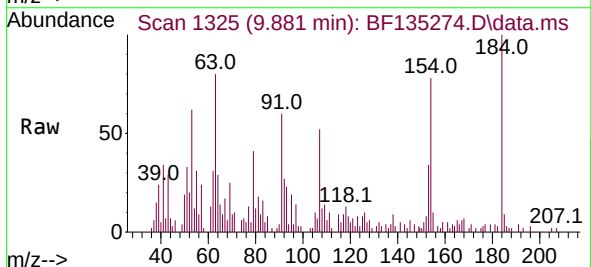
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

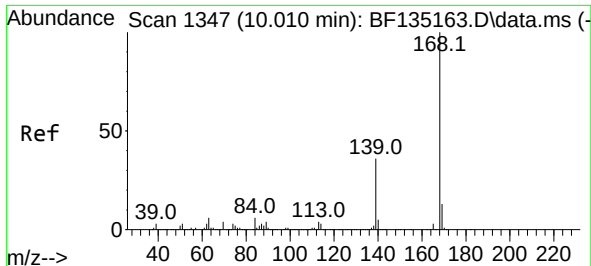
Tgt Ion:138 Resp: 110906
Ion Ratio Lower Upper
138 100
108 11.6 8.5 12.7
92 118.2 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 12.922 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:184 Resp: 7947
Ion Ratio Lower Upper
184 100
63 79.8 55.1 82.7
154 77.5 48.4 72.6#

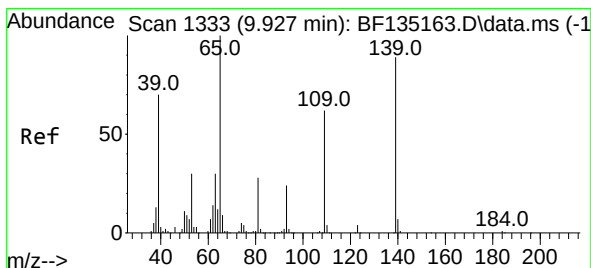
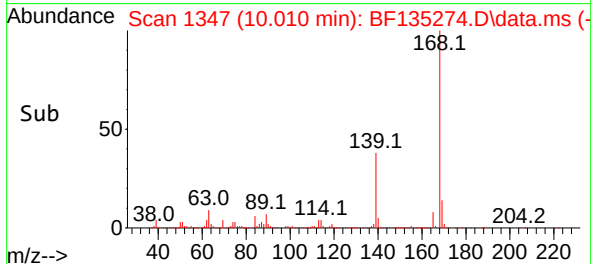
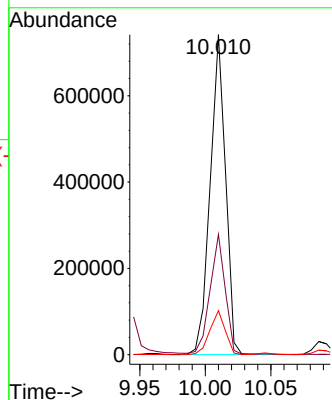
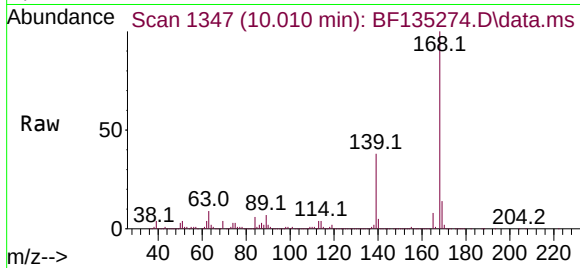




#55
Dibenzofuran
Concen: 55.375 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

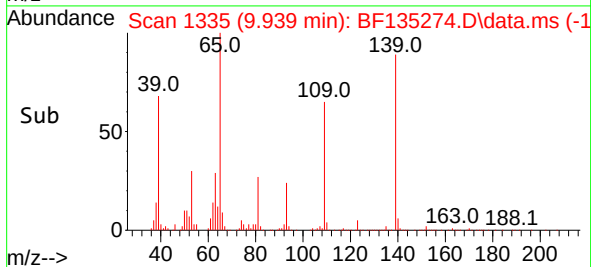
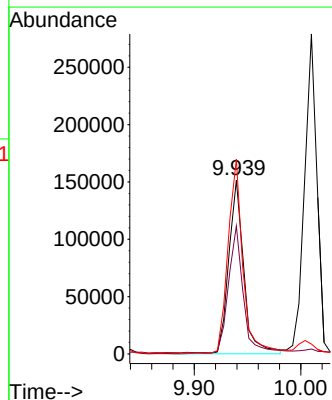
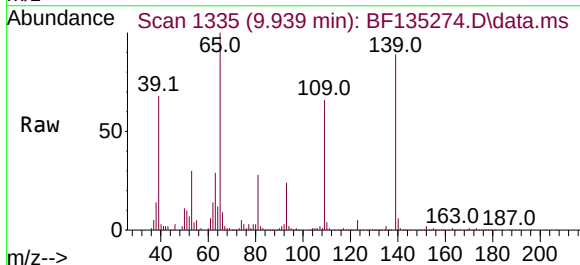
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

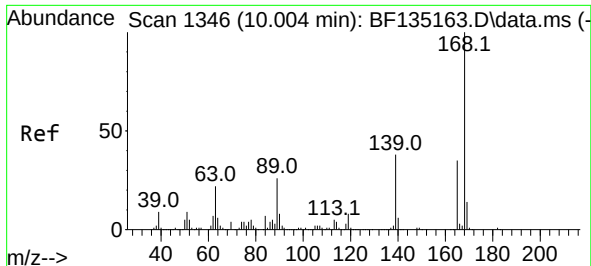
Tgt Ion:168 Resp: 603896
Ion Ratio Lower Upper
168 100
139 37.6 29.0 43.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 102.835 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:139 Resp: 148343
Ion Ratio Lower Upper
139 100
109 73.7 49.8 89.8
65 112.2 92.7 132.7

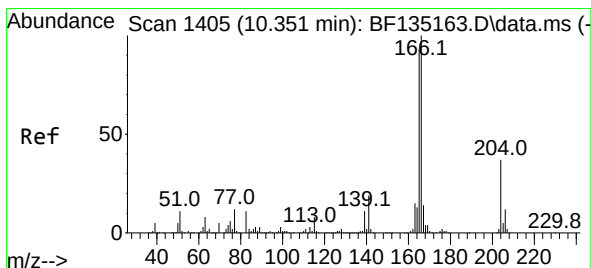
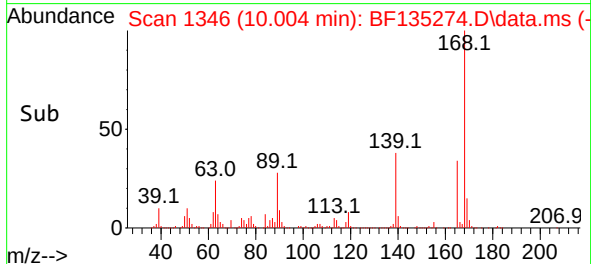
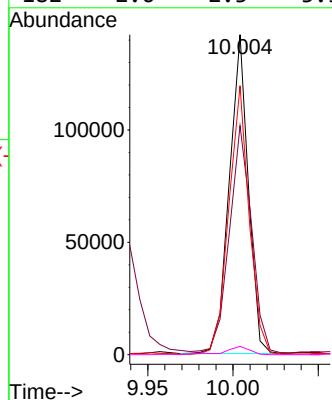
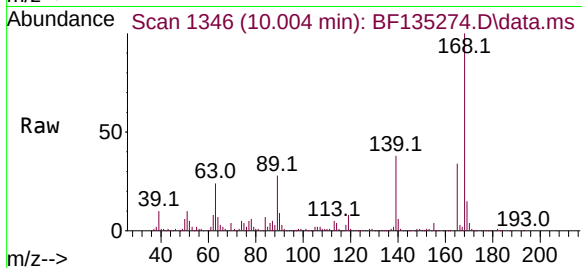




#57
2,4-Dinitrotoluene
Concen: 45.534 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

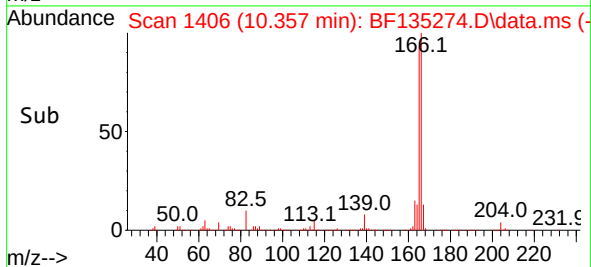
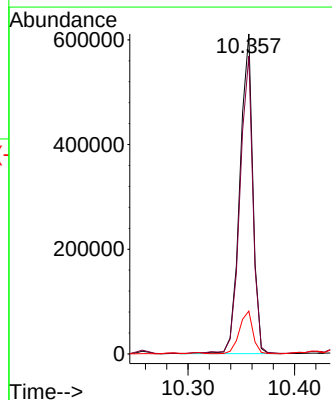
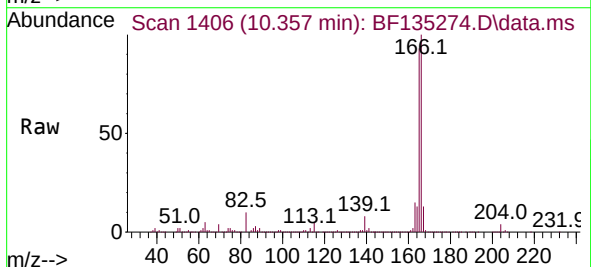
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

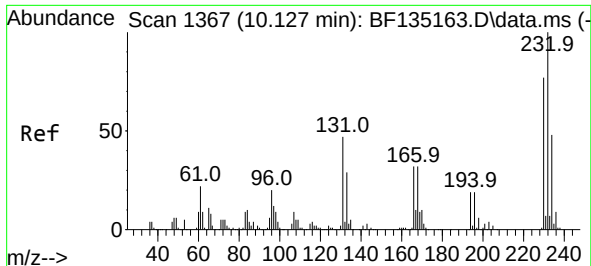
Tgt Ion:165 Resp: 110225
Ion Ratio Lower Upper
165 100
63 71.6 50.1 75.1
89 84.0 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 61.714 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:166 Resp: 517399
Ion Ratio Lower Upper
166 100
165 93.1 74.3 111.5
167 13.4 10.9 16.3

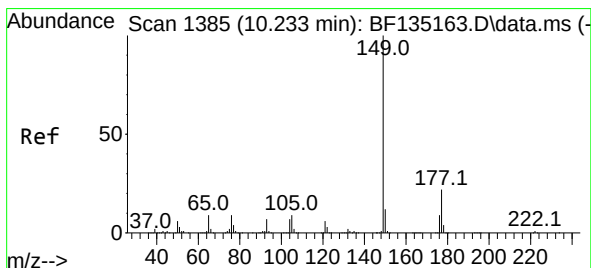
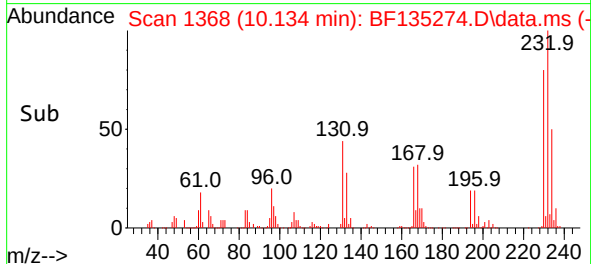
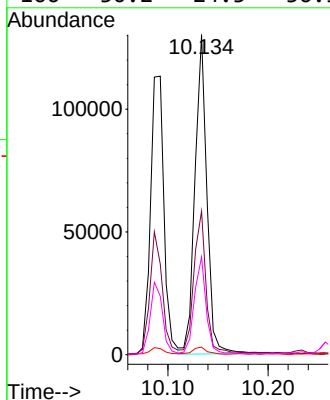
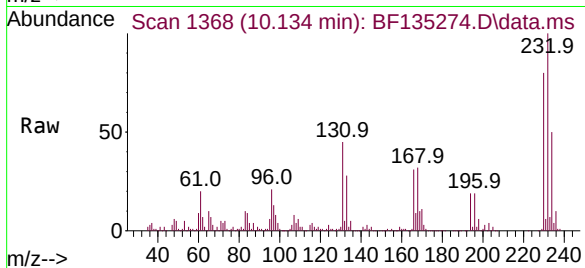




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.169 ng
RT: 10.134 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

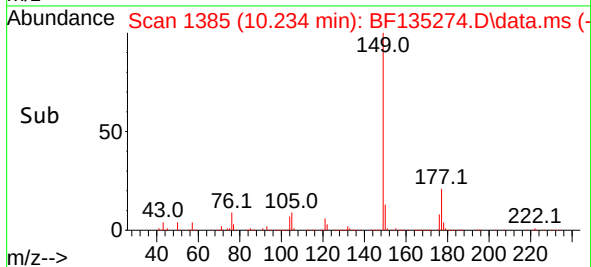
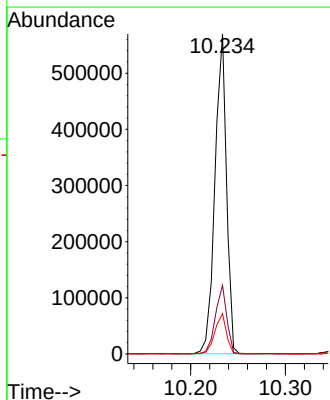
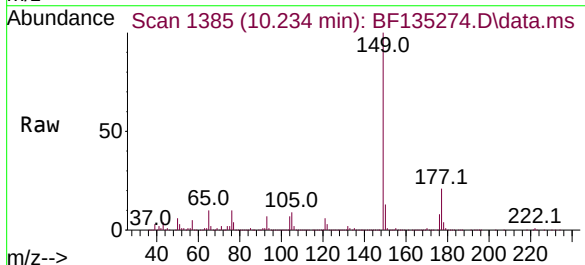
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

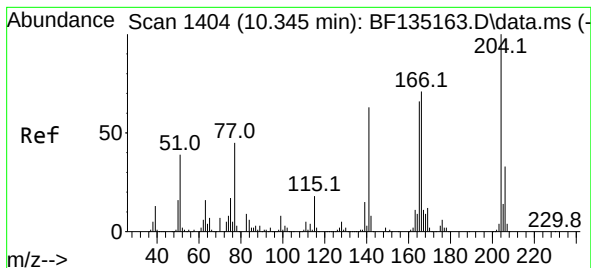
Tgt Ion:232 Resp: 107862
Ion Ratio Lower Upper
232 100
131 45.0 35.4 53.2
130 2.6 1.8 2.8
166 30.2 24.3 36.5



#60
Diethylphthalate
Concen: 54.274 ng
RT: 10.234 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:149 Resp: 480769
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.6 10.0 15.0

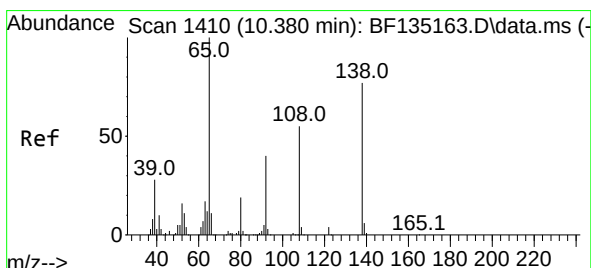
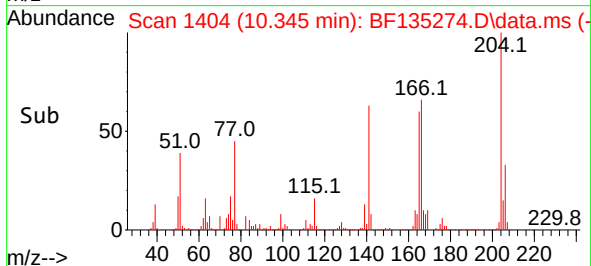
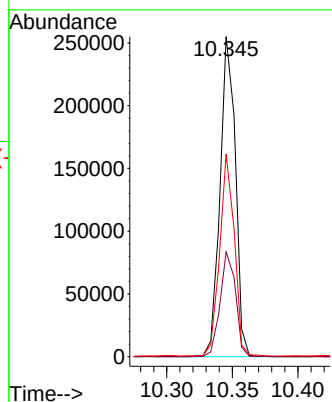
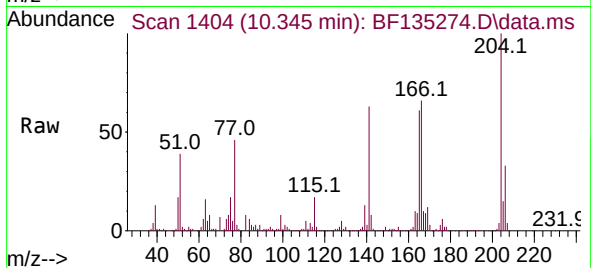




#61
4-Chlorophenyl-phenylether
Concen: 51.355 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

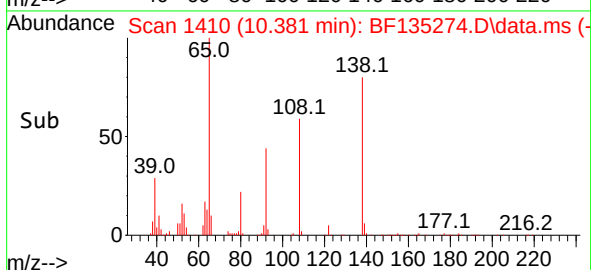
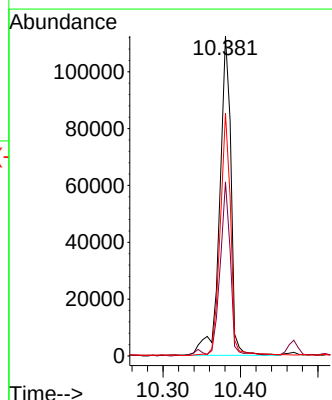
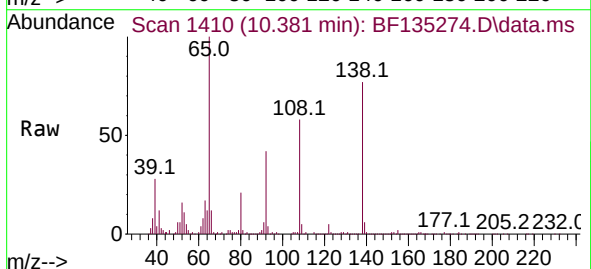
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

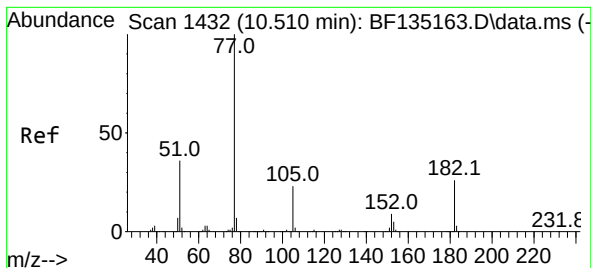
Tgt Ion:204 Resp: 206821
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 63.3 50.6 75.8



#62
4-Nitroaniline
Concen: 52.044 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:138 Resp: 113549
Ion Ratio Lower Upper
138 100
92 54.4 31.8 71.8
108 75.9 52.0 92.0





#63

Azobenzene

Concen: 49.110 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

Tgt Ion: 77 Resp: 425764

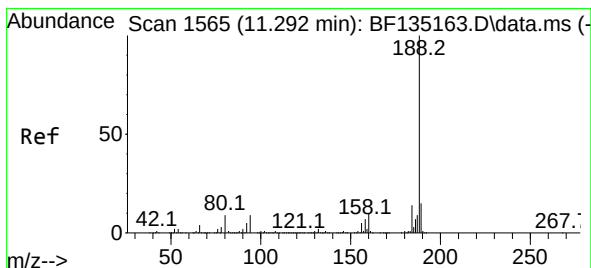
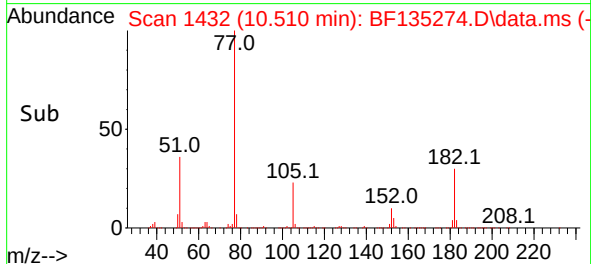
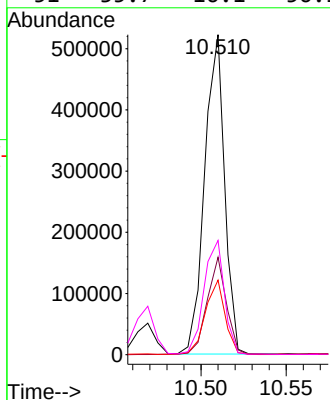
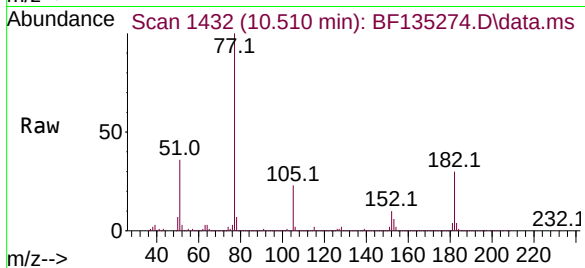
Ion Ratio Lower Upper

77 100

182 30.4 6.4 46.4

105 23.3 3.1 43.1

51 35.7 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

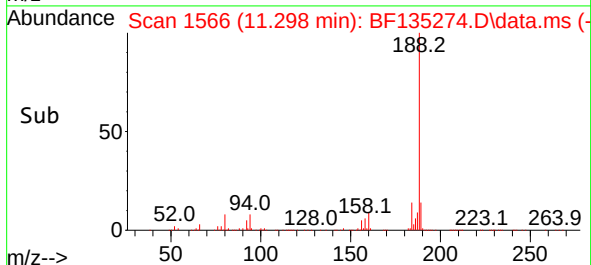
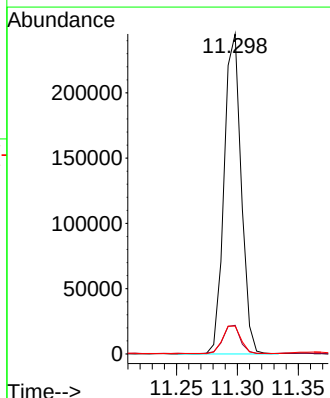
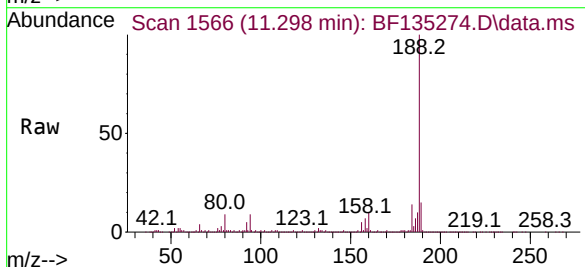
Tgt Ion: 188 Resp: 240358

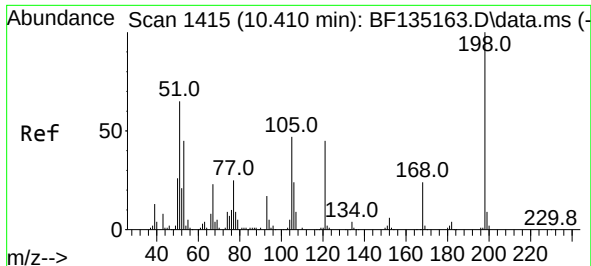
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 8.7 7.5 11.3

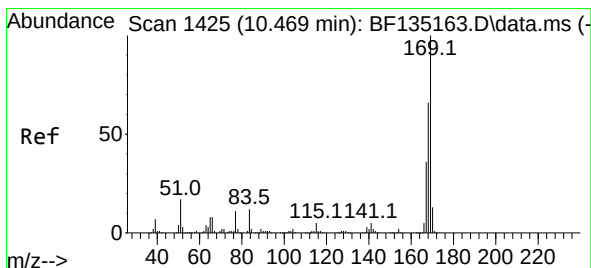
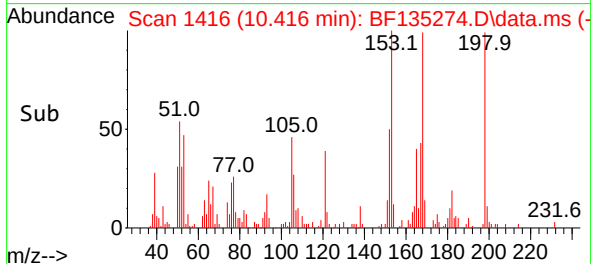
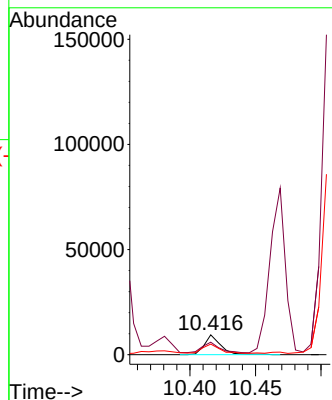
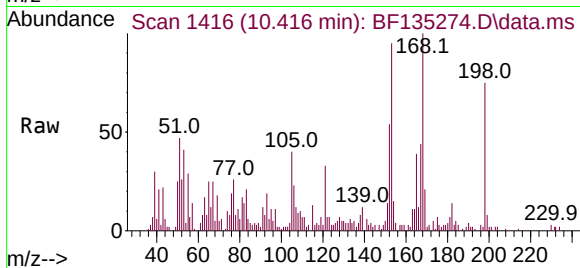




#65
4,6-Dinitro-2-methylphenol
Concen: 6.383 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

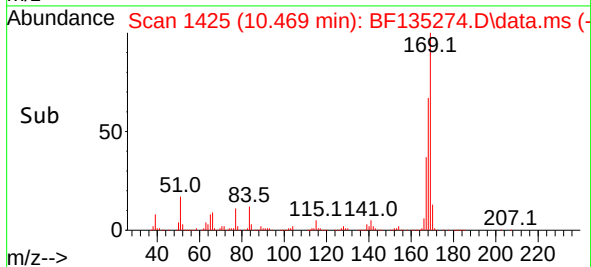
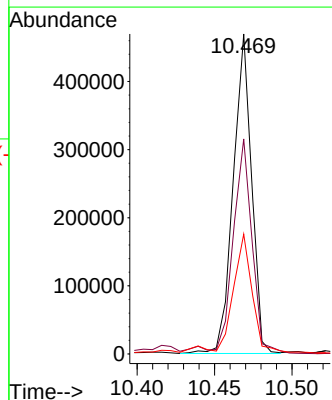
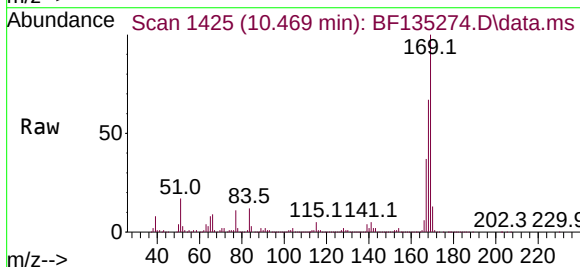
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

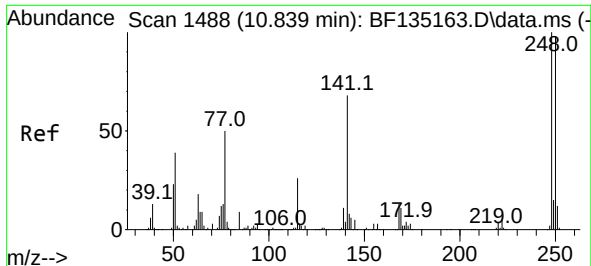
Tgt Ion:198 Resp: 8149
Ion Ratio Lower Upper
198 100
51 62.8 47.7 87.7
105 53.6 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 53.053 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:169 Resp: 386053
Ion Ratio Lower Upper
169 100
168 67.2 52.8 79.2
167 37.4 29.0 43.6

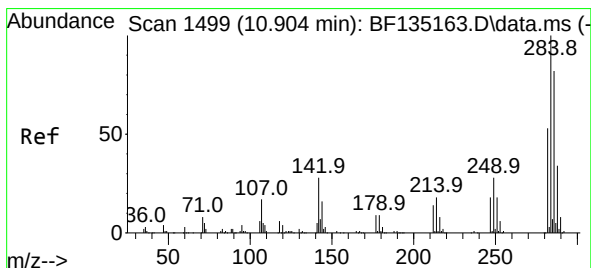
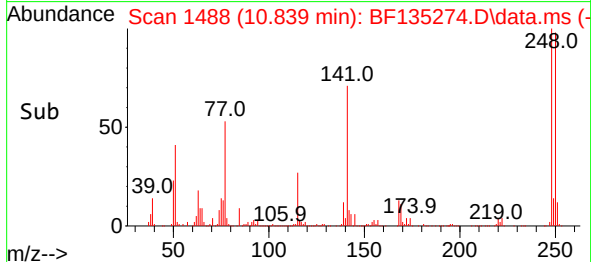
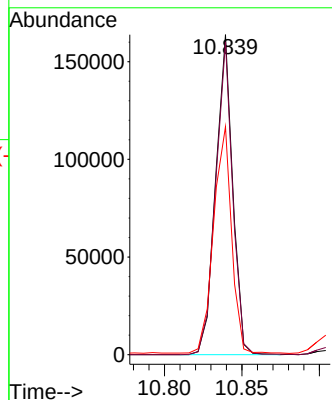
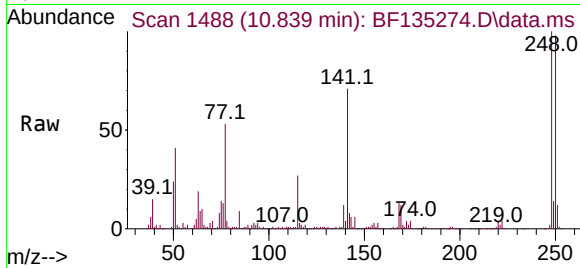




#67
4-Bromophenyl-phenylether
Concen: 52.358 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

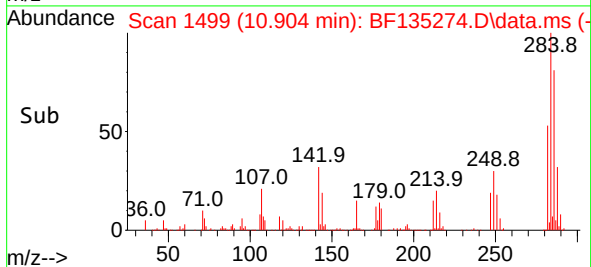
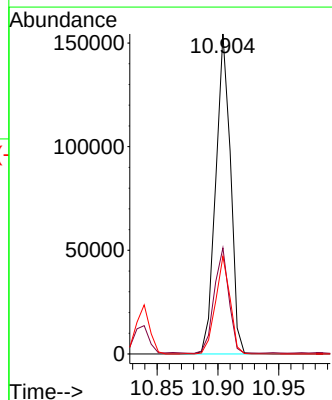
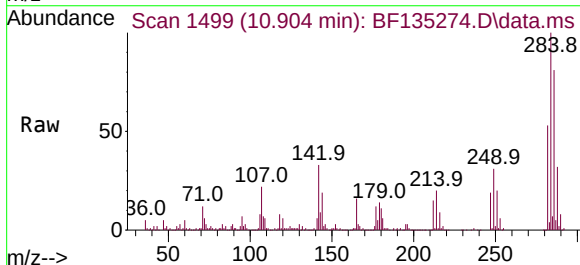
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

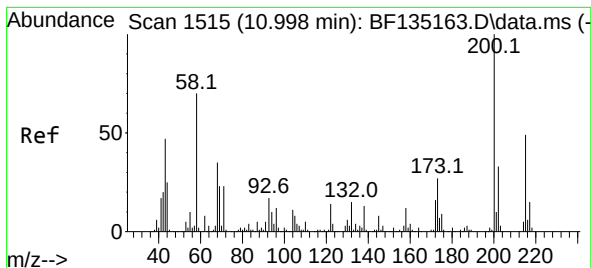
Tgt Ion:248 Resp: 125164
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 71.2 54.2 81.2



#68
Hexachlorobenzene
Concen: 53.274 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:284 Resp: 129745
Ion Ratio Lower Upper
284 100
142 33.2 22.2 33.4
249 30.5 22.5 33.7





#69

Atrazine

Concen: 57.889 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

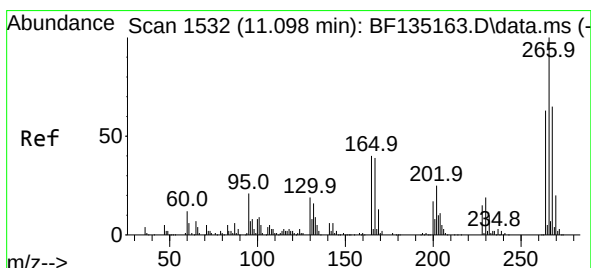
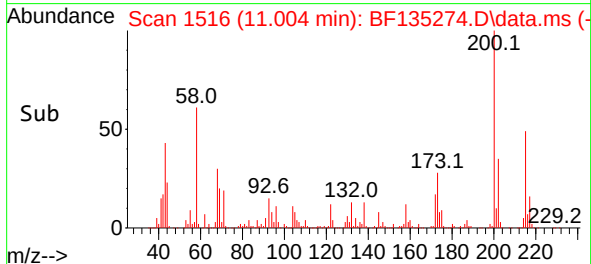
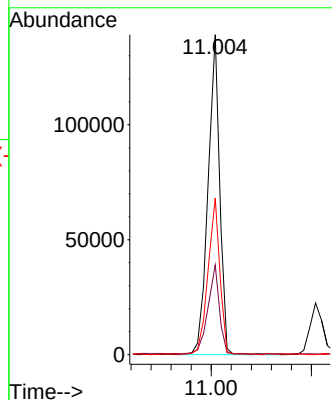
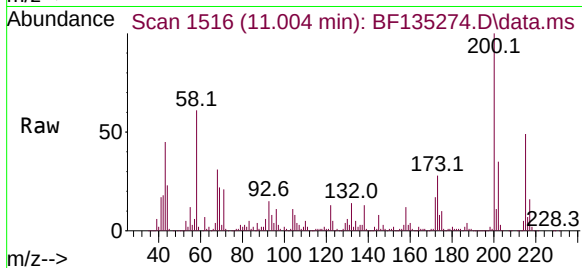
Tgt Ion:200 Resp: 113344

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 49.0 28.6 68.6



#70

Pentachlorophenol

Concen: 85.488 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

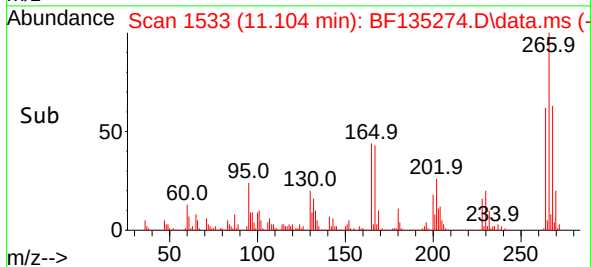
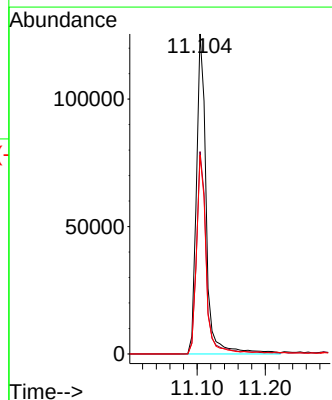
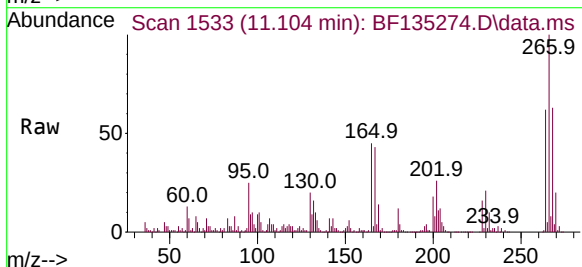
Tgt Ion:266 Resp: 124565

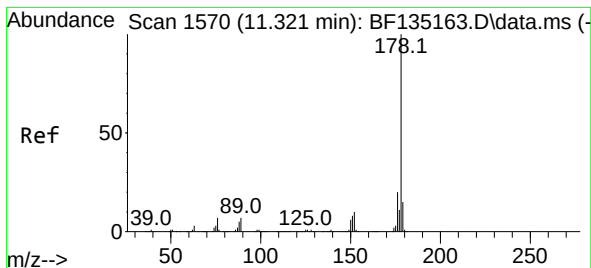
Ion Ratio Lower Upper

266 100

268 63.3 52.1 78.1

264 62.2 50.8 76.2





#71

Phenanthrene

Concen: 107.156 ng

RT: 11.328 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

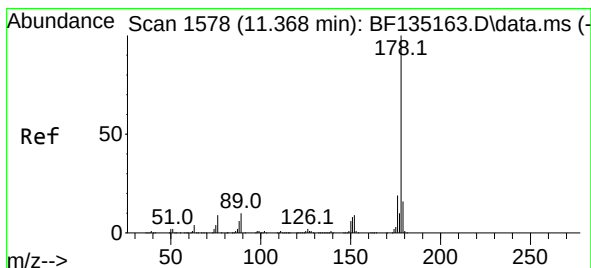
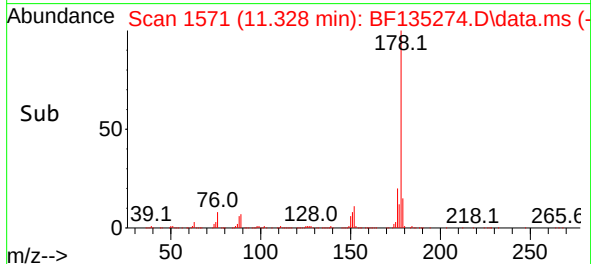
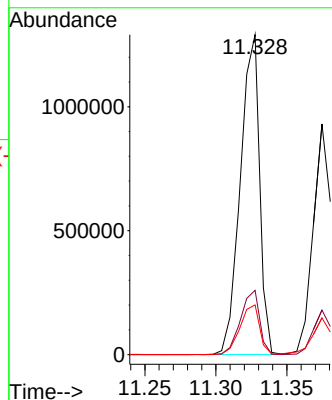
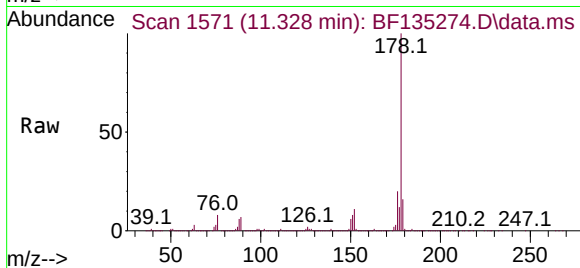
Tgt Ion:178 Resp: 1218134

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

179 15.5 12.0 18.0



#72

Anthracene

Concen: 68.231 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

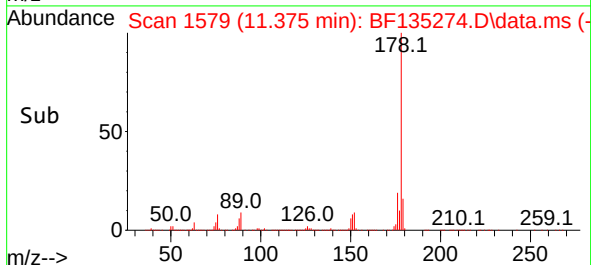
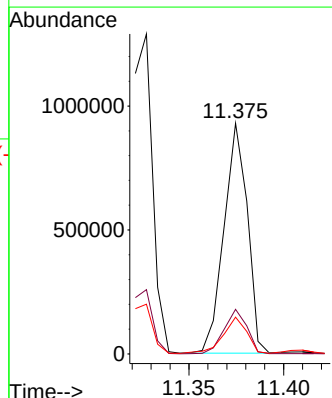
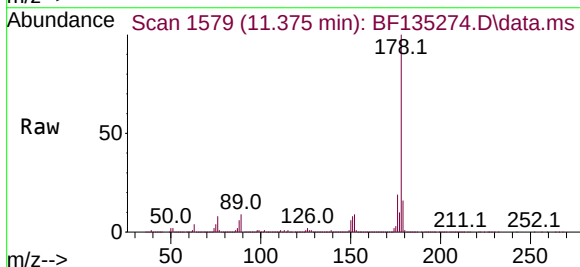
Tgt Ion:178 Resp: 797272

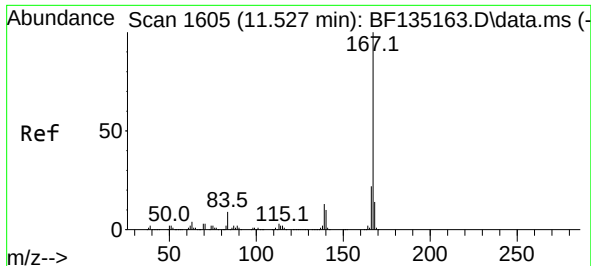
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 16.0 12.6 19.0

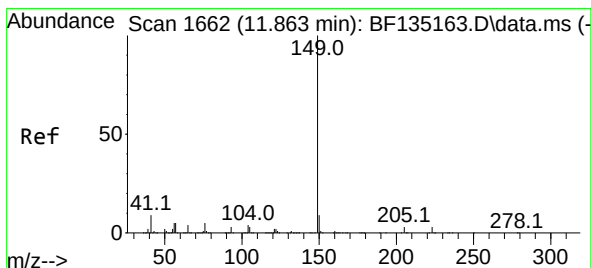
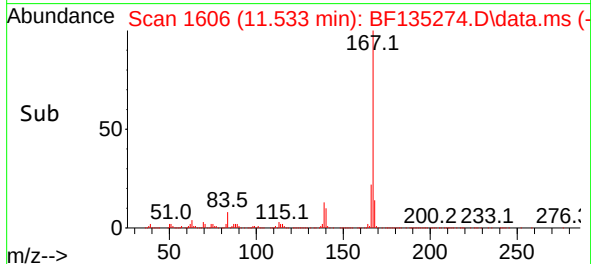
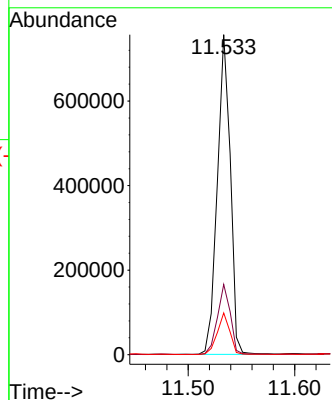
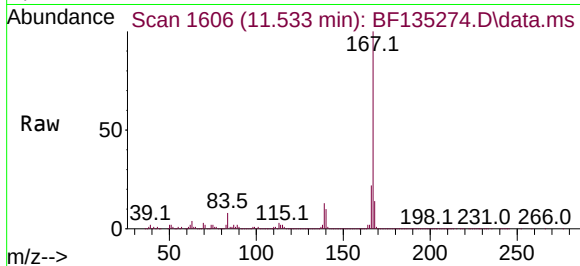




#73
 Carbazole
 Concen: 59.888 ng
 RT: 11.533 min Scan# 1606
 Delta R.T. 0.006 min
 Lab File: BF135274.D
 Acq: 15 Sep 2023 01:55

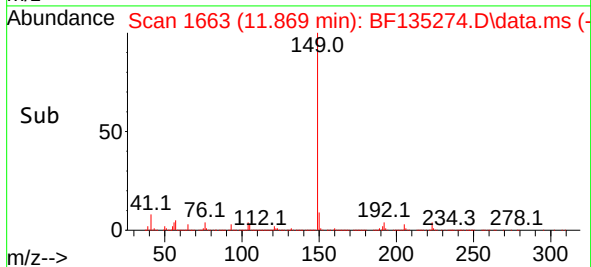
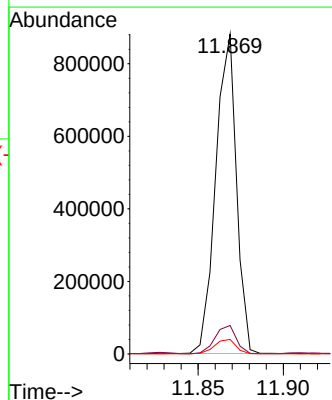
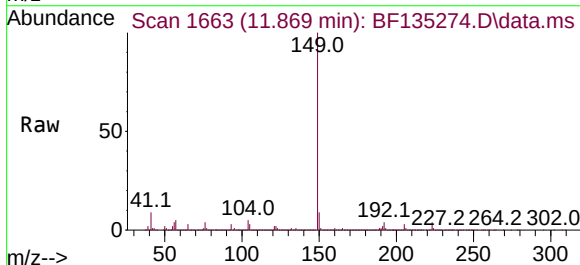
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-083023MSD

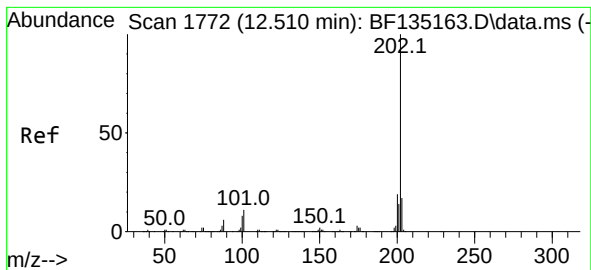
Tgt Ion:167 Resp: 637039
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.1 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 59.360 ng
 RT: 11.869 min Scan# 1663
 Delta R.T. 0.006 min
 Lab File: BF135274.D
 Acq: 15 Sep 2023 01:55

Tgt Ion:149 Resp: 744028
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 144.953 ng

RT: 12.527 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

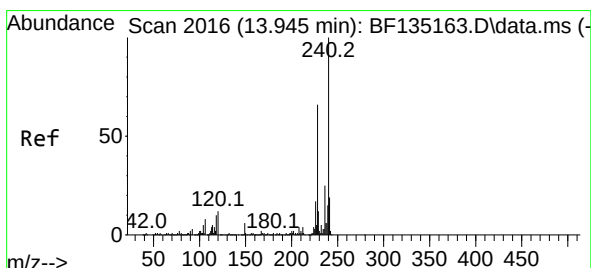
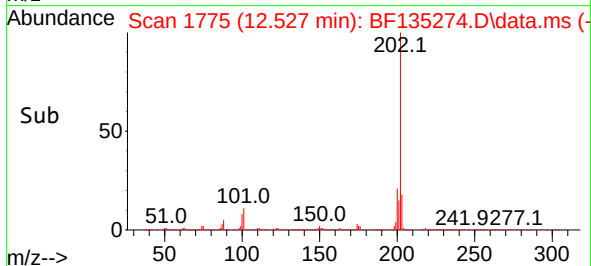
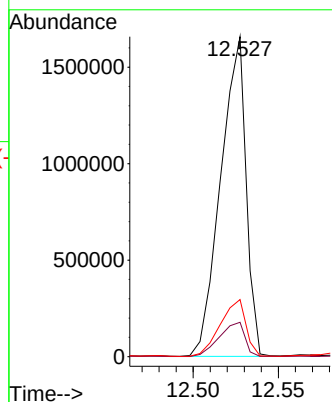
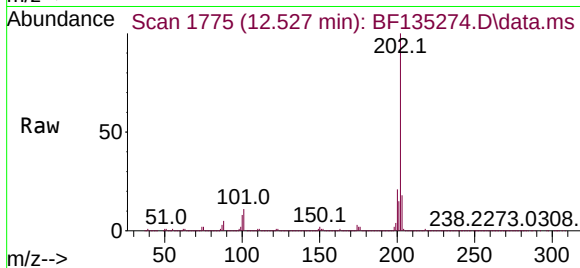
Tgt Ion:202 Resp: 1717008

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.3

203 17.9 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.018 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

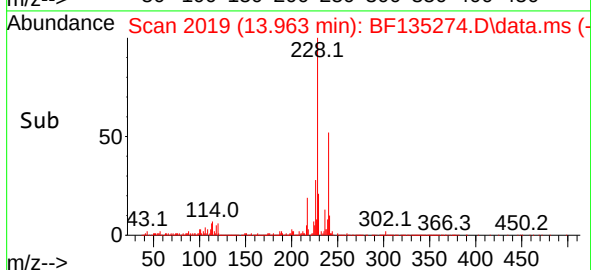
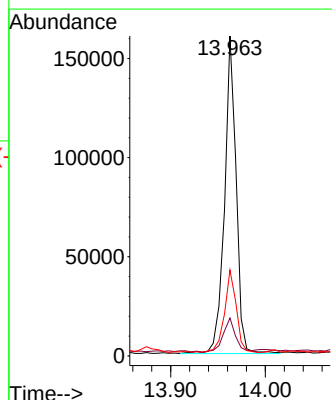
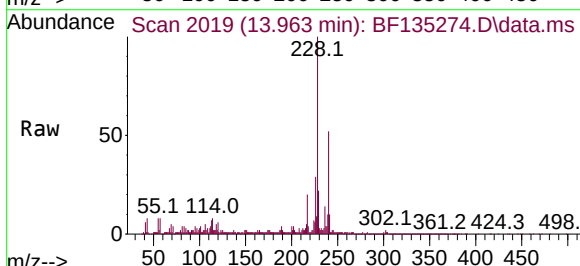
Tgt Ion:240 Resp: 137129

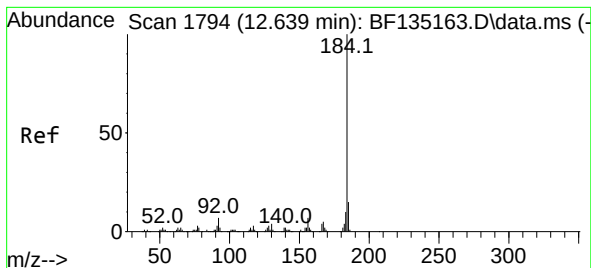
Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 26.8 19.8 29.8





#77

Benzidine

Concen: 36.636 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

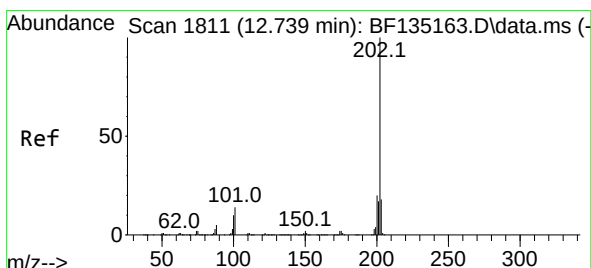
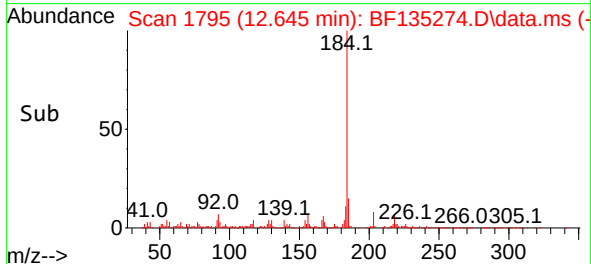
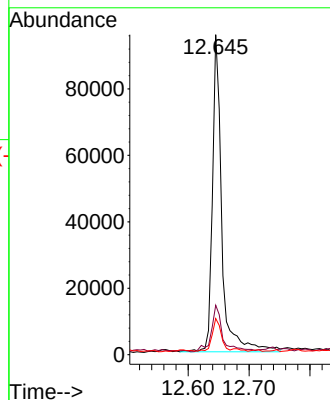
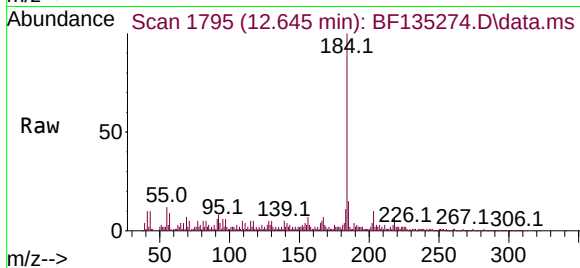
Tgt Ion:184 Resp: 102924

Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

183 11.3 8.2 12.4



#78

Pyrene

Concen: 126.314 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.018 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

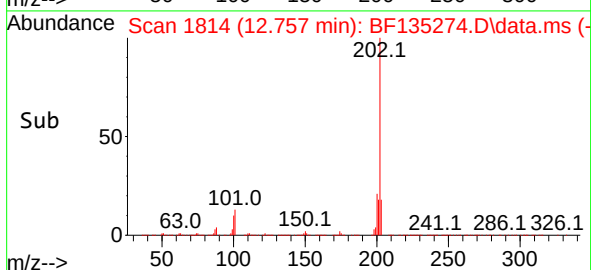
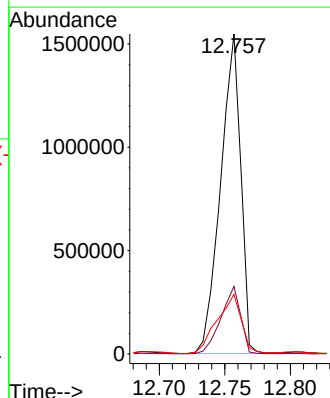
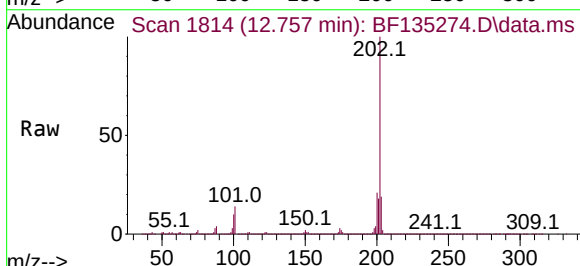
Tgt Ion:202 Resp: 1649119

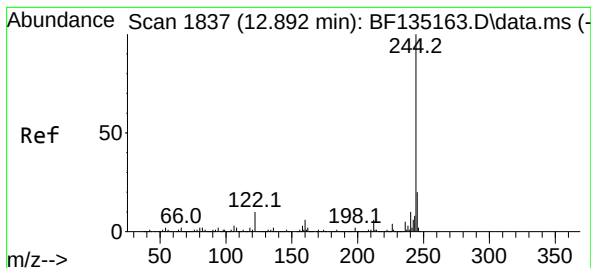
Ion Ratio Lower Upper

202 100

200 21.1 16.2 24.2

203 18.6 14.2 21.4





#79

Terphenyl-d14

Concen: 76.124 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

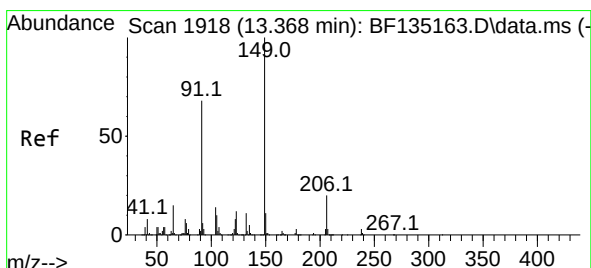
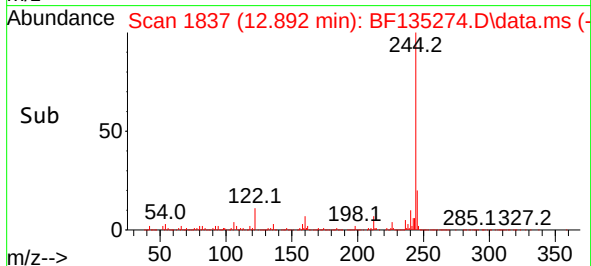
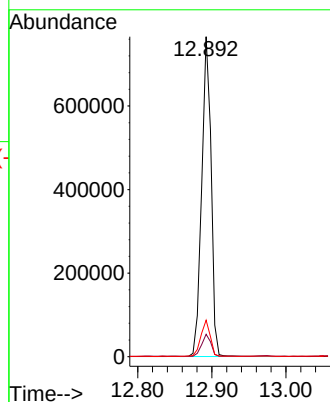
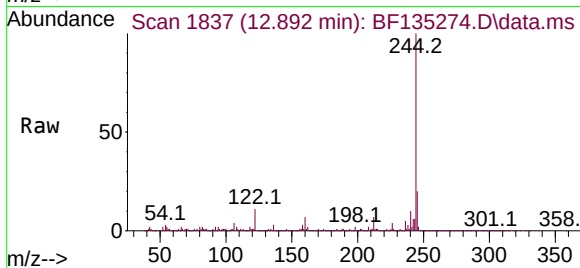
Tgt Ion:244 Resp: 673390

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 11.4 7.9 11.9



#80

Butylbenzylphthalate

Concen: 65.763 ng

RT: 13.374 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

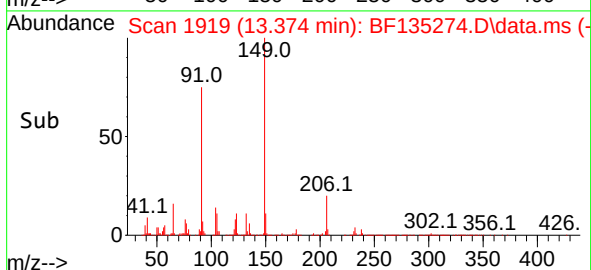
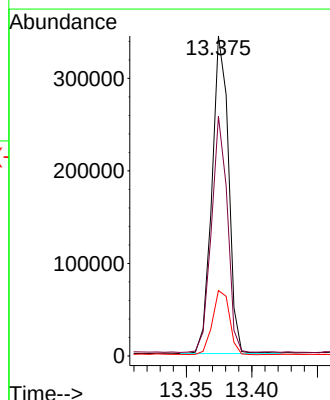
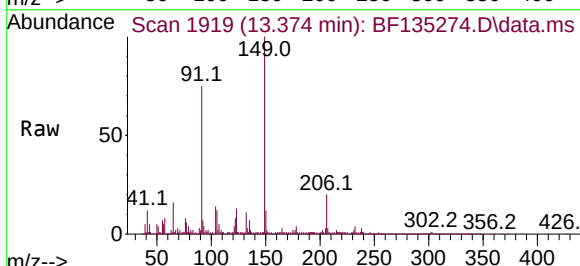
Tgt Ion:149 Resp: 302291

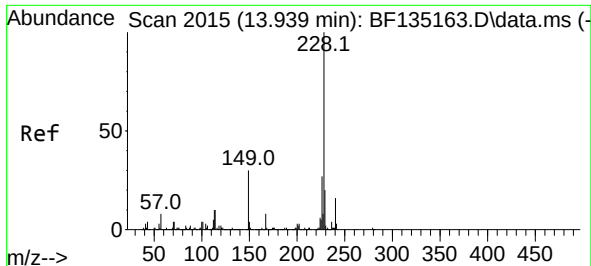
Ion Ratio Lower Upper

149 100

91 74.9 54.7 82.1

206 20.4 16.3 24.5

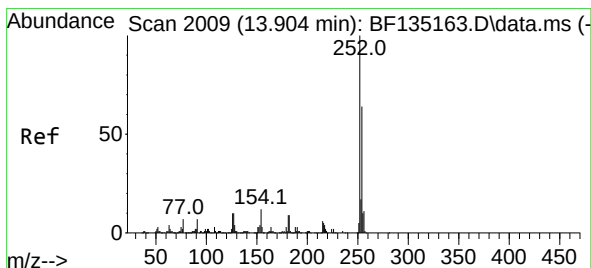
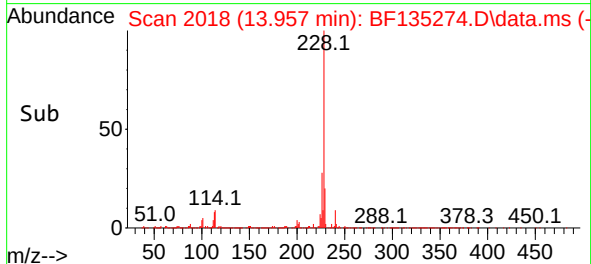
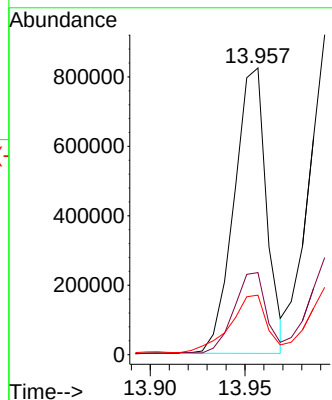
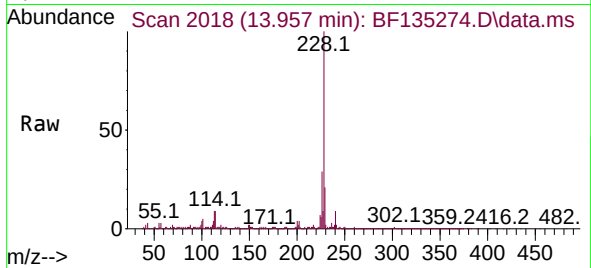




#81
Benzo(a)anthracene
Concen: 110.426 ng
RT: 13.957 min Scan# 2011
Delta R.T. 0.018 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

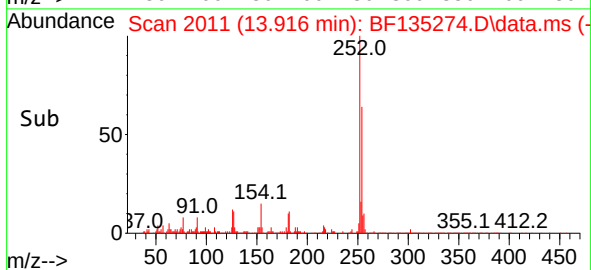
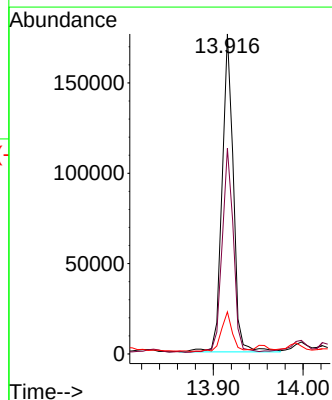
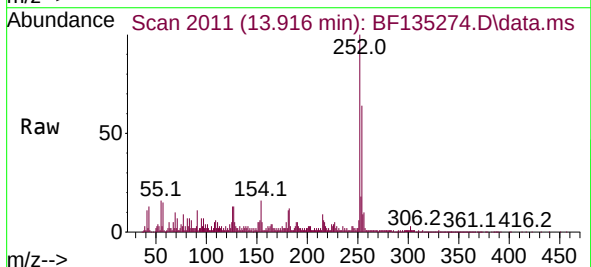
Instrument :
BNA_F
ClientSampleId :
SU-02-083023MSD

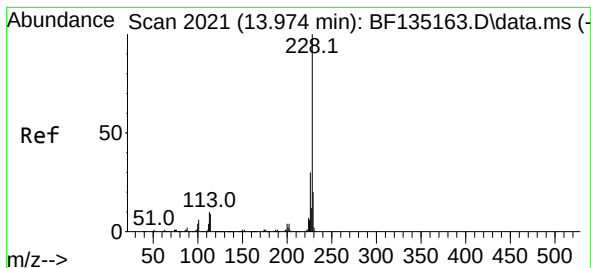
Tgt Ion:228 Resp: 977800
Ion Ratio Lower Upper
228 100
226 28.6 21.7 32.5
229 20.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 55.547 ng
RT: 13.916 min Scan# 2011
Delta R.T. 0.012 min
Lab File: BF135274.D
Acq: 15 Sep 2023 01:55

Tgt Ion:252 Resp: 153632
Ion Ratio Lower Upper
252 100
254 64.3 51.0 76.4
126 13.1 7.8 11.8#





#83

Chrysene

Concen: 101.347 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

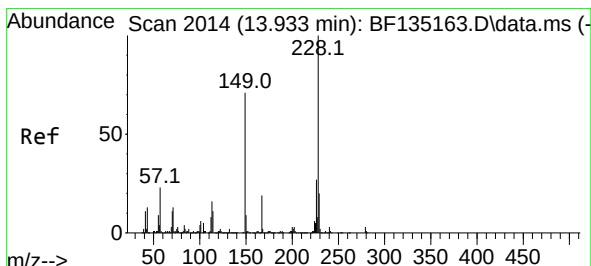
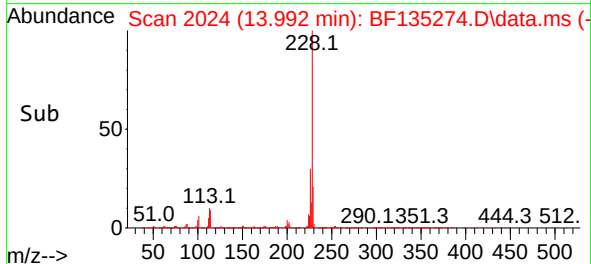
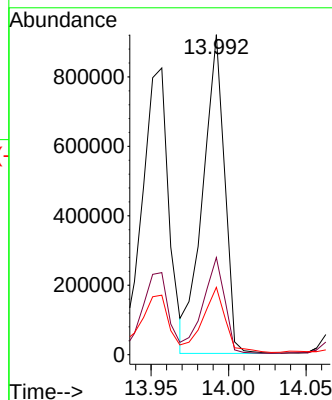
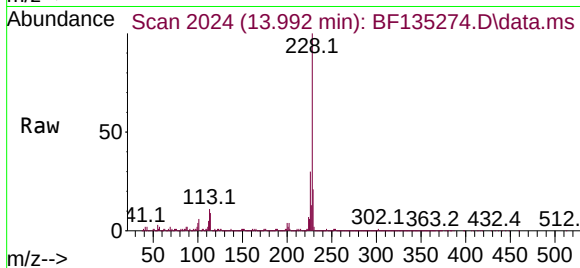
Tgt Ion:228 Resp: 892226

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 21.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.863 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.012 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

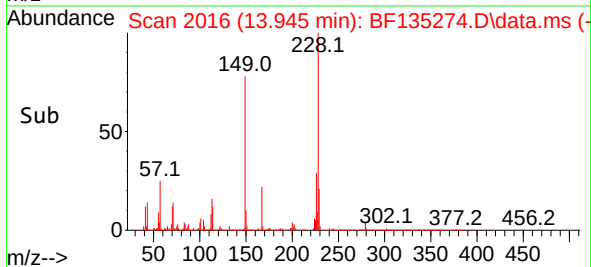
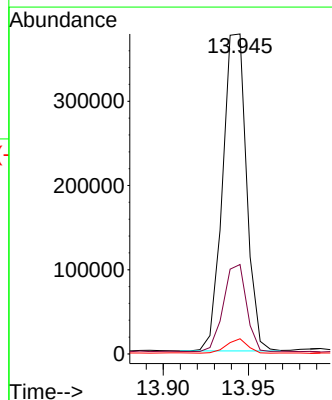
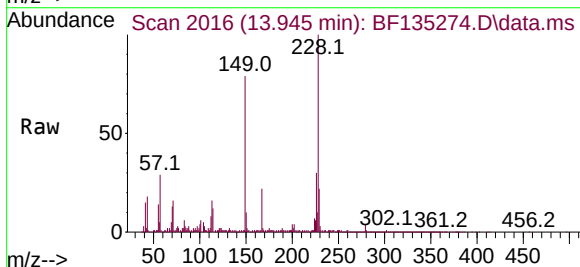
Tgt Ion:149 Resp: 367280

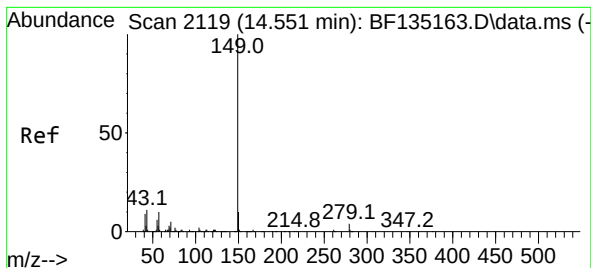
Ion Ratio Lower Upper

149 100

167 28.0 21.9 32.9

279 4.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 76.912 ng

RT: 14.563 min Scan# 2119

Delta R.T. 0.012 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

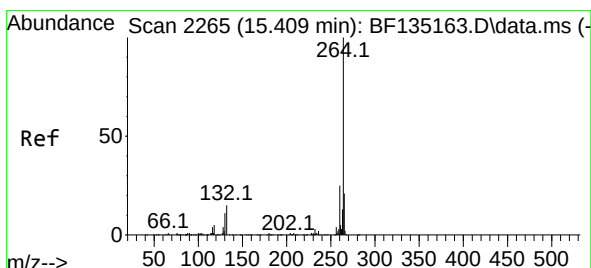
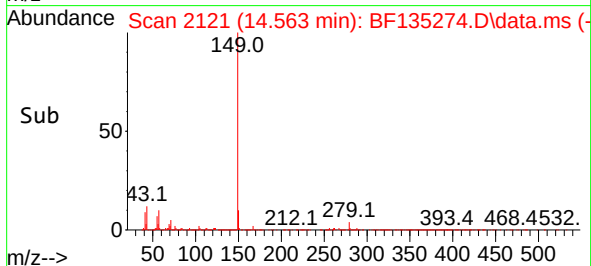
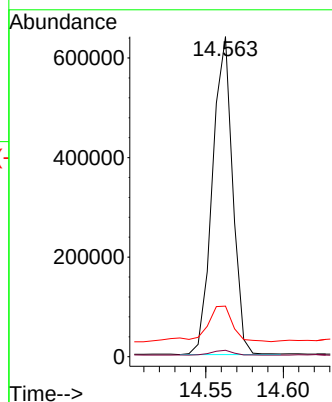
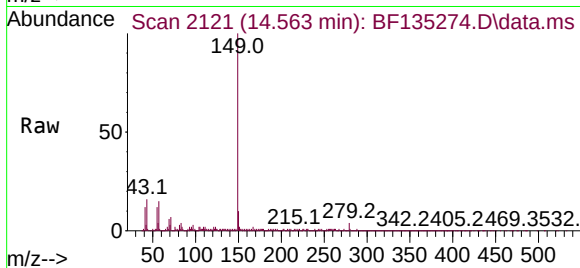
Tgt Ion:149 Resp: 576550

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 15.9 9.8 14.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.024 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

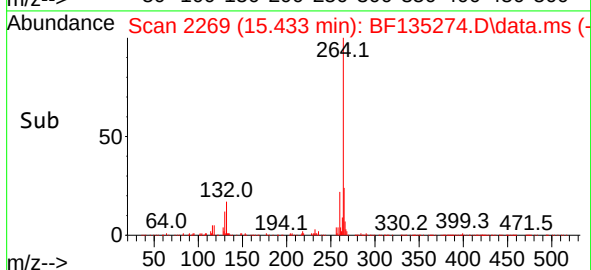
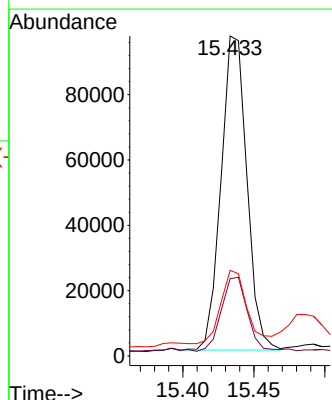
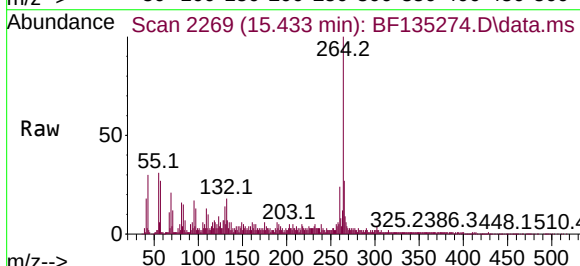
Tgt Ion:264 Resp: 121655

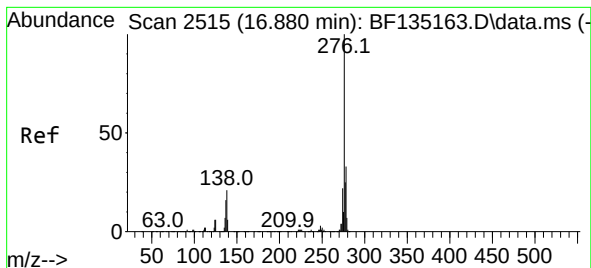
Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 26.7 17.0 25.4#





#87

Indeno(1,2,3-cd)pyrene

Concen: 69.488 ng

RT: 16.939 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

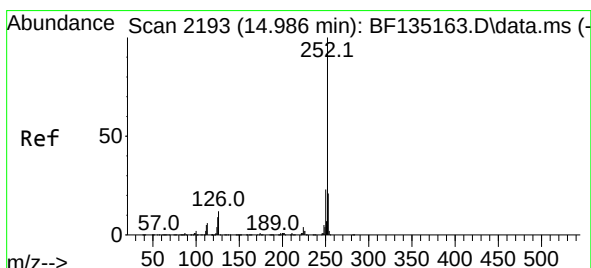
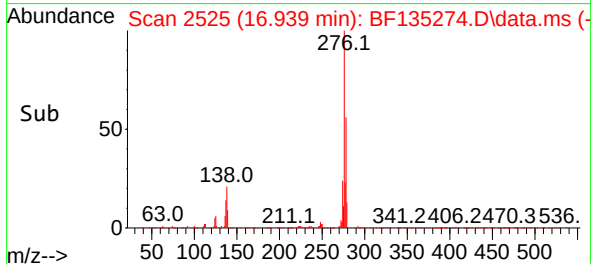
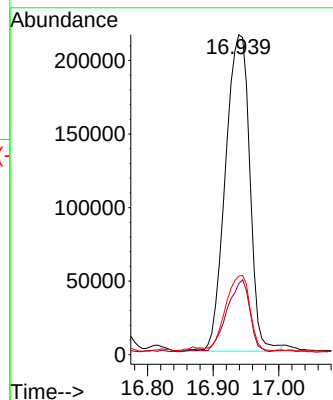
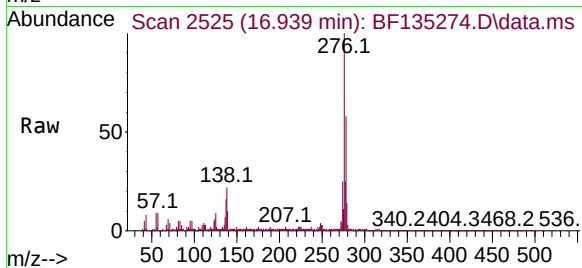
Tgt Ion:276 Resp: 554272

Ion Ratio Lower Upper

276 100

138 21.0 19.2 28.8

277 23.5 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 73.000 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.053 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

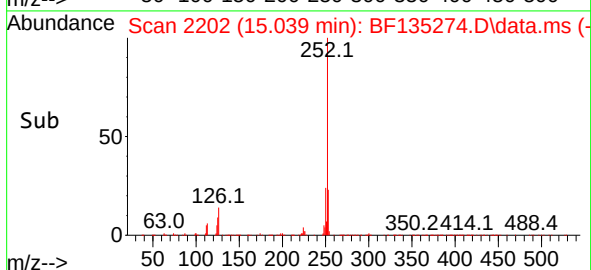
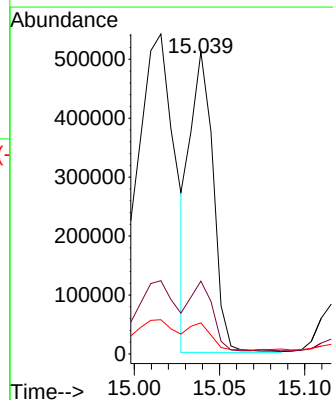
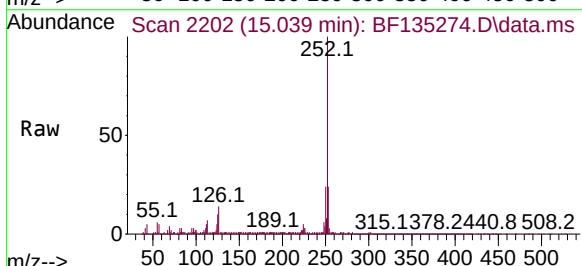
Tgt Ion:252 Resp: 480748

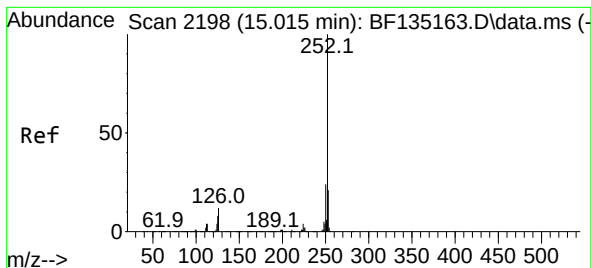
Ion Ratio Lower Upper

252 100

253 24.1 17.2 25.8

125 10.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 73.900 ng

RT: 15.039 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

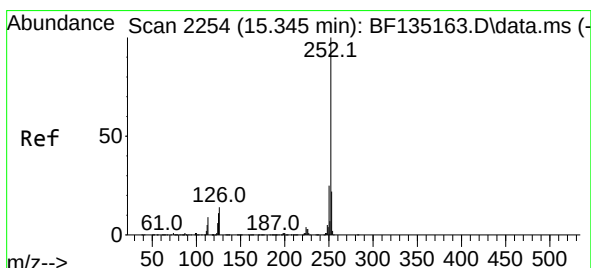
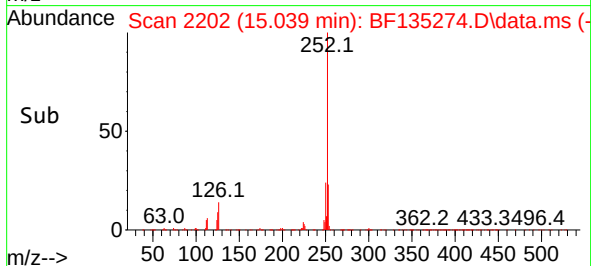
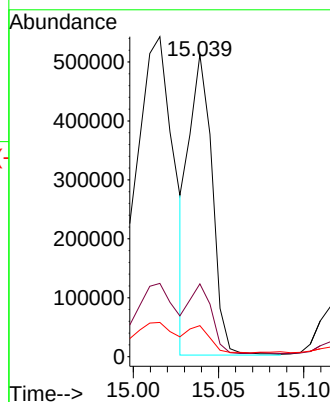
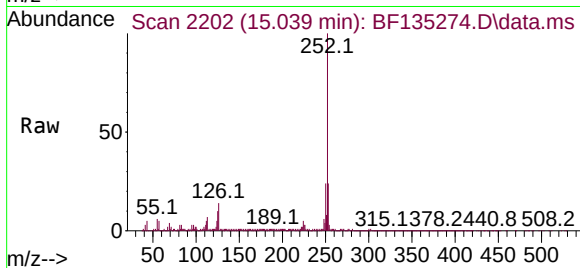
Tgt Ion:252 Resp: 480748

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

125 10.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 100.231 ng

RT: 15.380 min Scan# 2260

Delta R.T. 0.036 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

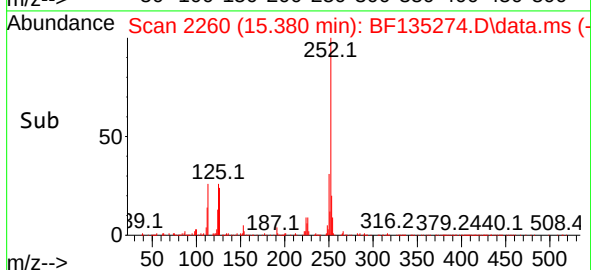
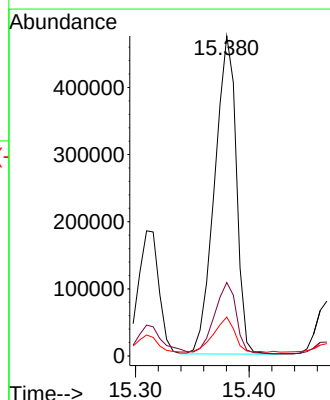
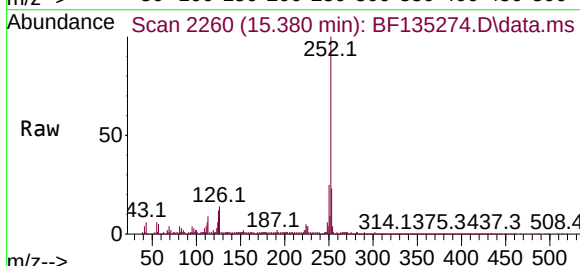
Tgt Ion:252 Resp: 629480

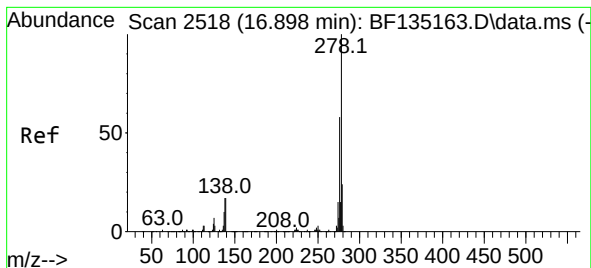
Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 12.1 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 52.075 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Instrument :

BNA_F

ClientSampleId :

SU-02-083023MSD

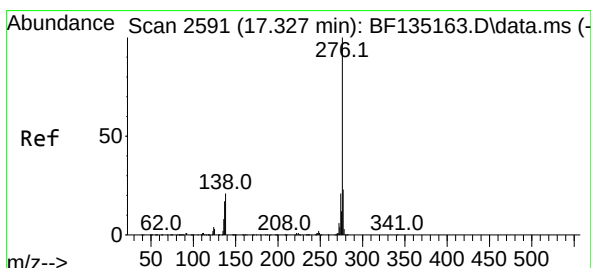
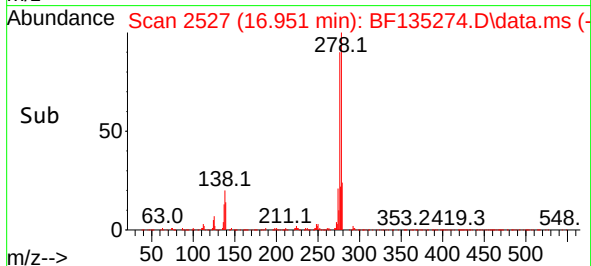
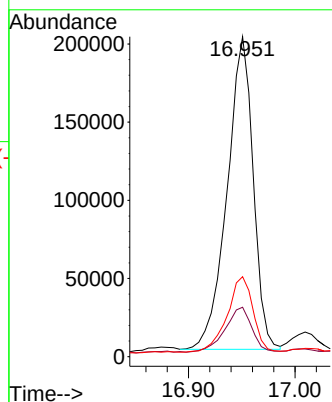
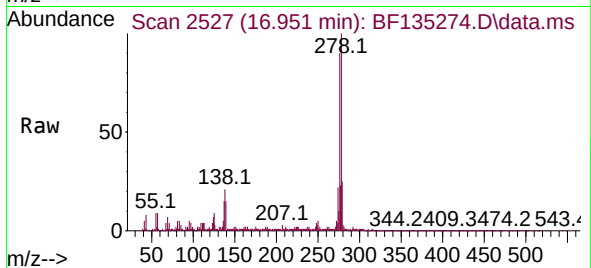
Tgt Ion:278 Resp: 339870

Ion Ratio Lower Upper

278 100

139 15.4 13.4 20.0

279 25.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 68.876 ng

RT: 17.398 min Scan# 2603

Delta R.T. 0.071 min

Lab File: BF135274.D

Acq: 15 Sep 2023 01:55

Tgt Ion:276 Resp: 469467

Ion Ratio Lower Upper

276 100

277 24.8 18.8 28.2

138 18.8 16.9 25.3

