

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130009.D
 Acq On : 25 Aug 2022 20:34
 Operator : CG\JU
 Sample : N4326-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD

Quant Time: Aug 26 01:03:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	135240	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	493499	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	207065	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	313368	20.000	ng	0.00
76) Chrysene-d12	13.927	240	281205	20.000	ng	0.00
86) Perylene-d12	15.374	264	202910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	155901	19.086	ng	0.00
7) Phenol-d6	6.422	99	189062	18.483	ng	0.00
23) Nitrobenzene-d5	7.322	82	117193	12.712	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	30323	14.591	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	191634	14.056	ng	0.00
79) Terphenyl-d14	12.857	244	172570	10.211	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.440	88	22639	6.718	ng	97
3) Pyridine	3.275	79	40303	4.570	ng	93
4) n-Nitrosodimethylamine	3.157	42	29254	7.198	ng	# 90
6) Aniline	6.428	93	66385	5.694	ng	# 80
8) 2-Chlorophenol	6.557	128	67097	7.379	ng	96
10) Phenol	6.434	94	83196	7.415	ng	92
11) bis(2-Chloroethyl)ether	6.492	93	66563	7.812	ng	100
12) 1,3-Dichlorobenzene	6.692	146	73355	7.473	ng	98
13) 1,4-Dichlorobenzene	6.775	146	75072	7.484	ng	95
14) 1,2-Dichlorobenzene	6.928	146	70638	7.583	ng	97
15) Benzyl Alcohol	6.916	79	51921	6.724	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	94107	8.243	ng	# 70
17) 2-Methylphenol	7.034	107	55097	7.546	ng	97
18) Hexachloroethane	7.257	117	21911	5.817	ng	95
19) n-Nitroso-di-n-propyla...	7.163	70	50018	7.736	ng	98
20) 3+4-Methylphenols	7.192	107	69286	7.069	ng	91
22) Acetophenone	7.169	105	103662	8.620	ng	# 96
24) Nitrobenzene	7.345	77	73231	7.878	ng	95
25) Isophorone	7.581	82	122961	7.750	ng	99
26) 2-Nitrophenol	7.663	139	30993	6.778	ng	98
27) 2,4-Dimethylphenol	7.710	122	54746	8.349	ng	96
28) bis(2-Chloroethoxy)met...	7.786	93	79672	8.600	ng	98
29) 2,4-Dichlorophenol	7.928	162	48193	6.721	ng	96
30) 1,2,4-Trichlorobenzene	7.981	180	54157	7.159	ng	97
31) Naphthalene	8.057	128	212310	8.228	ng	99
32) Benzoic acid	7.839	122	7920	5.618	ng	# 83
33) 4-Chloroaniline	8.122	127	49983	4.926	ng	96
34) Hexachlorobutadiene	8.169	225	34020	7.386	ng	99
35) Caprolactam	8.469	113	13685	6.137	ng	96
36) 4-Chloro-3-methylphenol	8.622	107	49243	6.366	ng	99
37) 2-Methylnaphthalene	8.751	142	126649	7.478	ng	100
38) 1-Methylnaphthalene	8.845	142	119603	7.267	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	47767	8.294	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	28262	7.553	ng	93
44) 2,4,5-Trichlorophenol	9.098	196	25899	6.433	ng	97
46) 1,1'-Biphenyl	9.210	154	136295	8.664	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130009.D
 Acq On : 25 Aug 2022 20:34
 Operator : CG\JU
 Sample : N4326-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

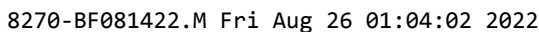
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD

Quant Time: Aug 26 01:03:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.239	162	97688	7.849	ng	99
48) 2-Nitroaniline	9.351	65	30887	7.853	ng	95
49) Acenaphthylene	9.651	152	169447	8.978	ng	99
50) Dimethylphthalate	9.510	163	118878	8.009	ng	98
51) 2,6-Dinitrotoluene	9.586	165	21097	6.552	ng	97
52) Acenaphthene	9.822	154	95805	8.367	ng	100
53) 3-Nitroaniline	9.763	138	22996	6.458	ng	97
54) 2,4-Dinitrophenol	9.922	184	60	5.510	ng	# 51
55) Dibenzofuran	9.998	168	136143	7.914	ng	96
56) 4-Nitrophenol	9.998	139	79085	49.922	ng	# 15
57) 2,4-Dinitrotoluene	9.998	165	25905	6.197	ng	# 79
58) Fluorene	10.339	166	122385	8.520	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.128	232	18514	6.267	ng	# 79
60) Diethylphthalate	10.204	149	112009	7.568	ng	96
61) 4-Chlorophenyl-phenyle...	10.328	204	45480	7.055	ng	97
62) 4-Nitroaniline	10.375	138	22508	6.265	ng	93
63) Azobenzene	10.486	77	94252	6.662	ng	98
66) n-Nitrosodiphenylamine	10.451	169	84582	7.997	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	25975	7.077	ng	93
68) Hexachlorobenzene	10.886	284	27285	6.863	ng	94
69) Atrazine	10.975	200	26340	8.114	ng	97
70) Pentachlorophenol	11.104	266	11900	14.520	ng	99
71) Phenanthrene	11.304	178	369081	21.089	ng	98
72) Anthracene	11.357	178	197395	11.342	ng	99
73) Carbazole	11.522	167	133503	8.450	ng	98
74) Di-n-butylphthalate	11.833	149	155142	7.630	ng	98
75) Fluoranthene	12.498	202	532867	29.754	ng	99
77) Benzidine	12.627	184	21205	Below Cal		# 95
78) Pyrene	12.727	202	521921	21.358	ng	100
80) Butylbenzylphthalate	13.333	149	72249	6.987	ng	100
81) Benzo(a)anthracene	13.916	228	326140	16.860	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	40774	6.806	ng	98
83) Chrysene	13.957	228	291790	16.114	ng	98
84) Bis(2-ethylhexyl)phtha...	13.886	149	106957	8.719	ng	98
85) Di-n-octyl phthalate	14.498	149	167165	9.871	ng	# 100
87) Indeno(1,2,3-cd)pyrene	16.821	276	153171	10.996	ng	94
88) Benzo(b)fluoranthene	14.962	252	270969	19.502	ng	99
89) Benzo(k)fluoranthene	14.986	252	151805	11.393	ng	98
90) Benzo(a)pyrene	15.315	252	194644	17.789	ng	98
91) Dibenzo(a,h)anthracene	16.821	278	91895	7.995	ng	# 94
92) Benzo(g,h,i)perylene	17.262	276	129172	11.265	ng	95

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

Quant Time: Aug 26 01:03:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 14:45:09 2022
Response via : Initial Calibration

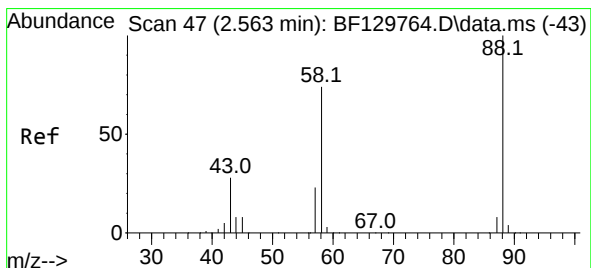
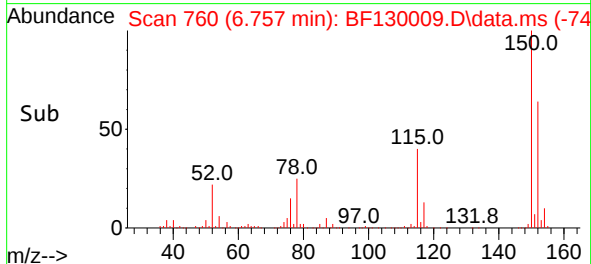
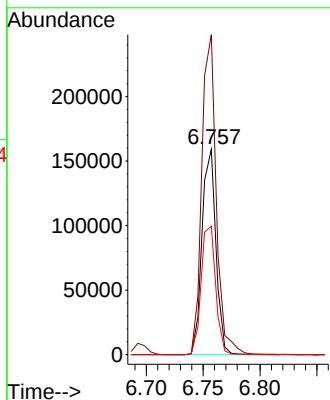
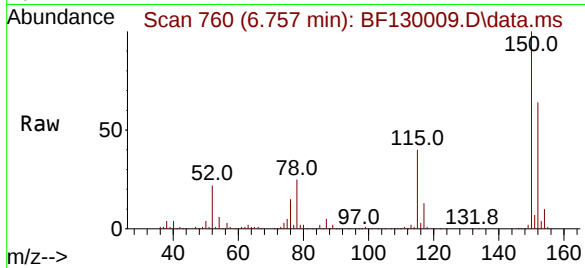




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 7
 Delta R.T. 0.000 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

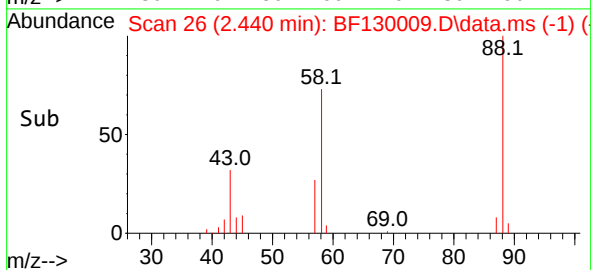
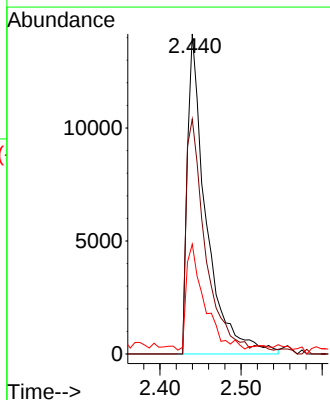
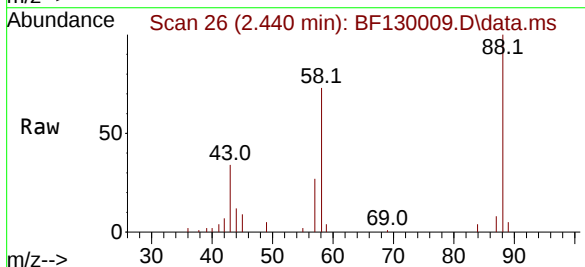
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD

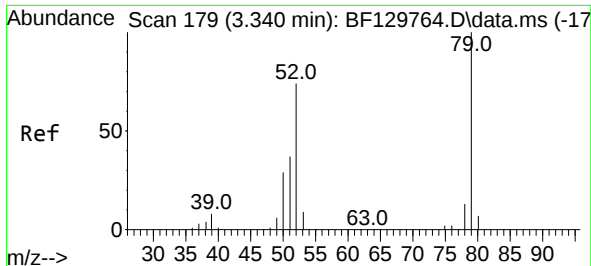
Tgt Ion:152 Resp: 135240
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.9 190.3
 115 62.5 53.4 80.0



#2
 1,4-Dioxane
 Concen: 6.718 ng
 RT: 2.440 min Scan# 26
 Delta R.T. -0.006 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

Tgt Ion: 88 Resp: 22639
 Ion Ratio Lower Upper
 88 100
 58 78.4 60.9 91.3
 43 32.2 23.6 35.4

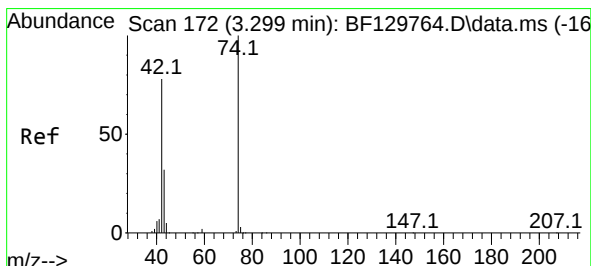
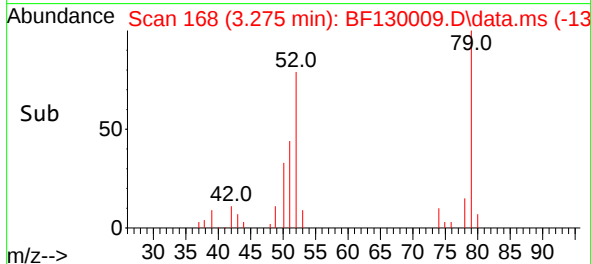
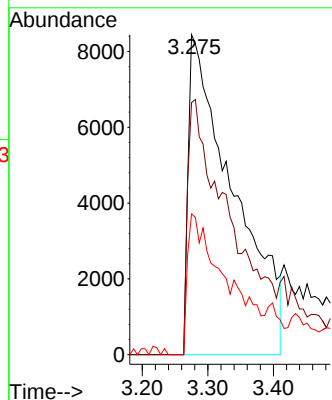
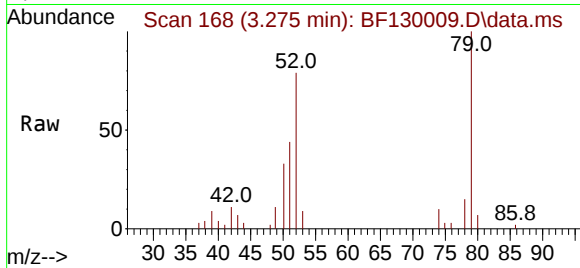




#3
 Pyridine
 Concen: 4.570 ng
 RT: 3.275 min Scan# 11
 Delta R.T. 0.071 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

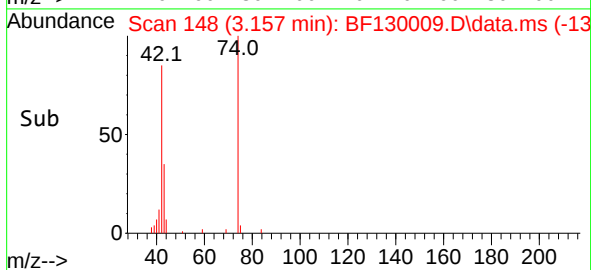
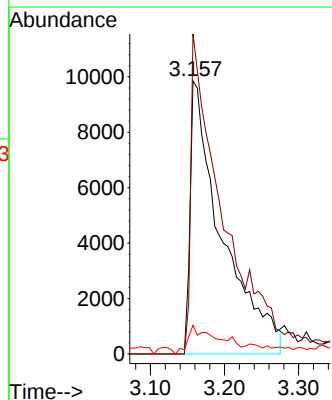
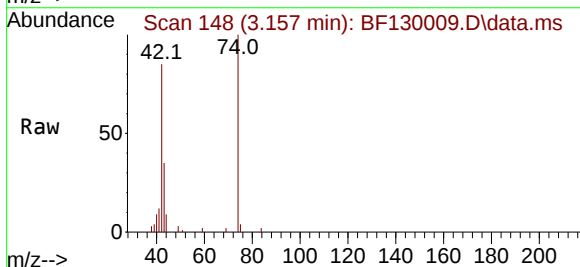
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD

Tgt Ion:	79	Resp:	40303
Ion	Ratio	Lower	Upper
79	100		
52	78.8	59.4	89.2
51	44.0	29.5	44.3



#4
 n-Nitrosodimethylamine
 Concen: 7.198 ng
 RT: 3.157 min Scan# 148
 Delta R.T. -0.012 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

Tgt Ion:	42	Resp:	29254
Ion	Ratio	Lower	Upper
42	100		
74	117.2	103.1	154.7
44	10.5	5.4	8.2

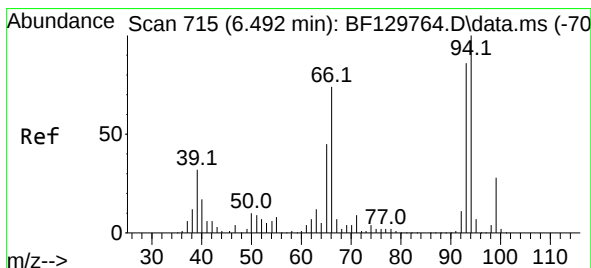
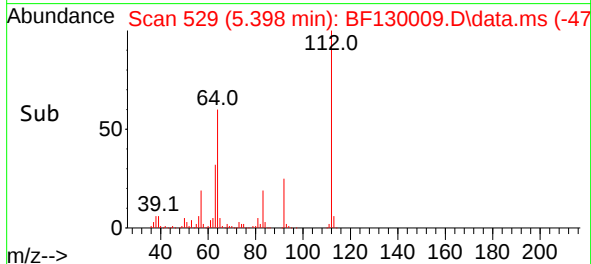
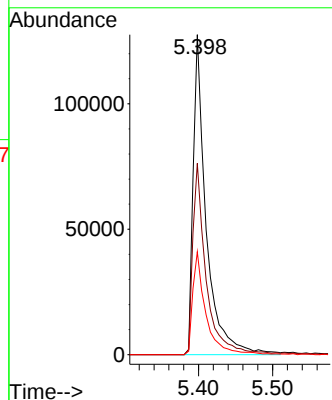
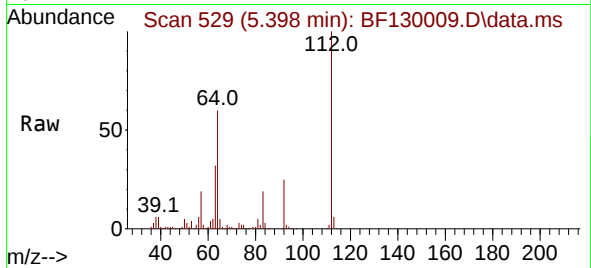




#5
2-Fluorophenol
Concen: 19.086 ng
RT: 5.398 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

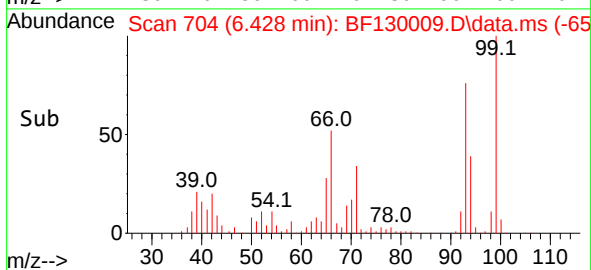
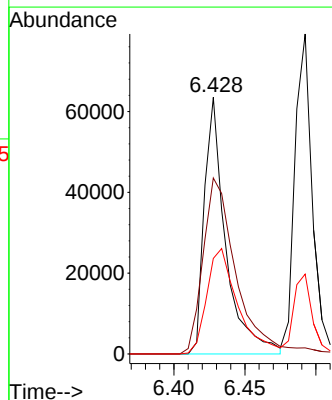
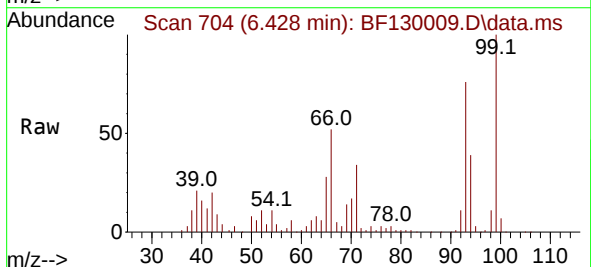
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

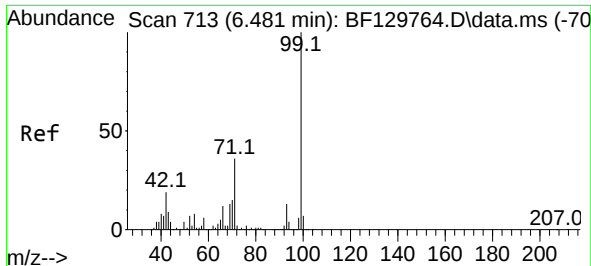
Tgt Ion:112 Resp: 155901
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 32.1 24.6 37.0



#6
Aniline
Concen: 5.694 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion: 93 Resp: 66385
Ion Ratio Lower Upper
93 100
66 68.6 68.7 103.1#
65 37.2 41.6 62.4#

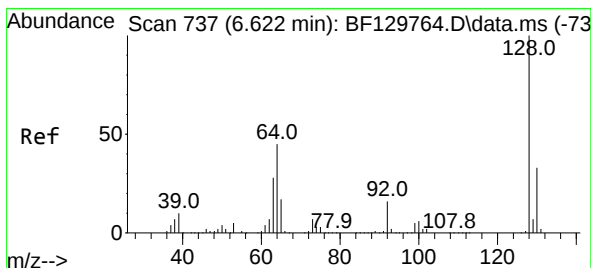
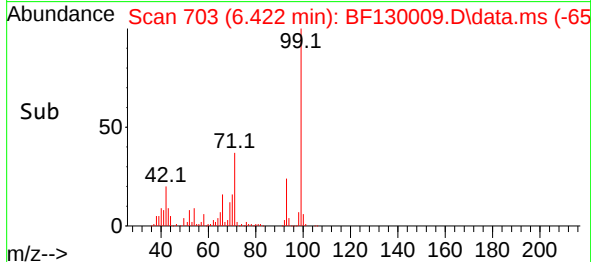
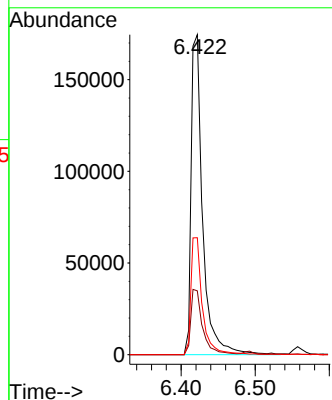
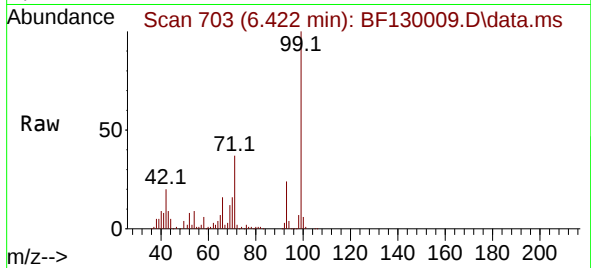




#7
Phenol-d6
Concen: 18.483 ng
RT: 6.422 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

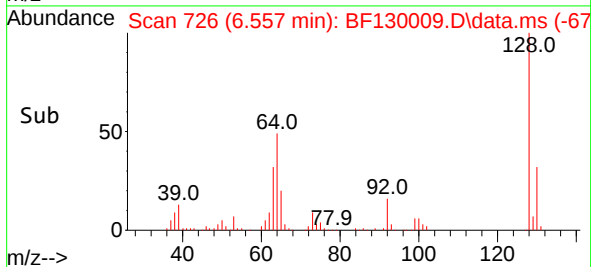
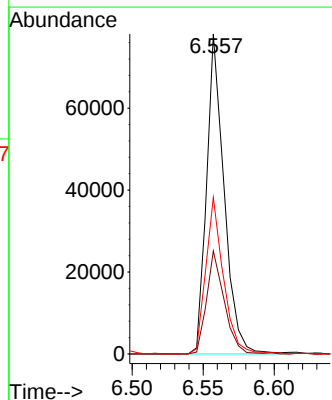
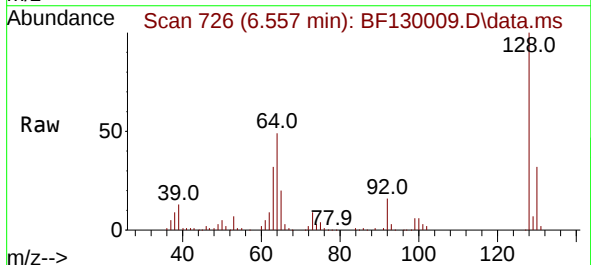
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

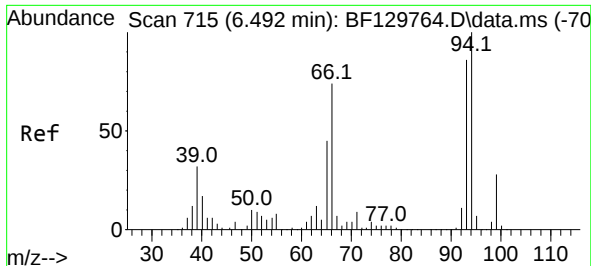
Tgt Ion: 99 Resp: 189062
Ion Ratio Lower Upper
99 100
42 19.9 15.0 22.4
71 36.6 28.8 43.2



#8
2-Chlorophenol
Concen: 7.379 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion: 128 Resp: 67097
Ion Ratio Lower Upper
128 100
130 32.2 12.5 52.5
64 48.9 24.9 64.9

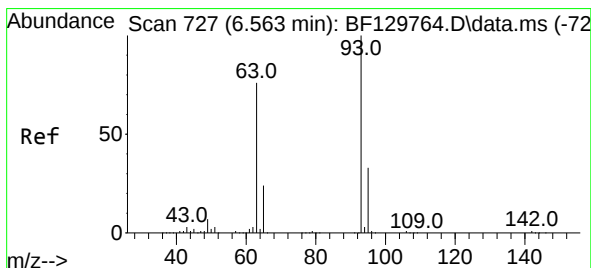
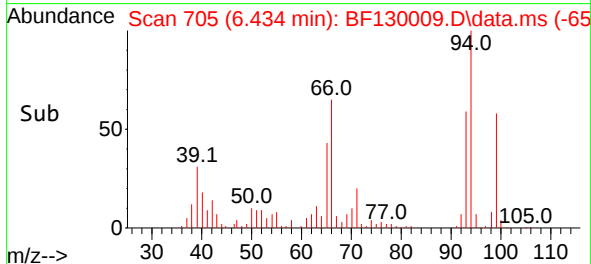
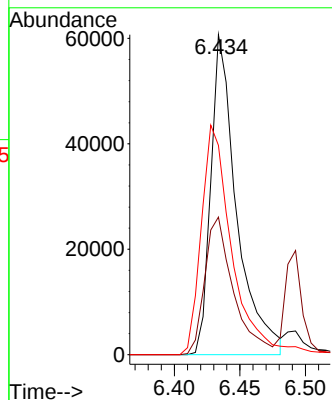
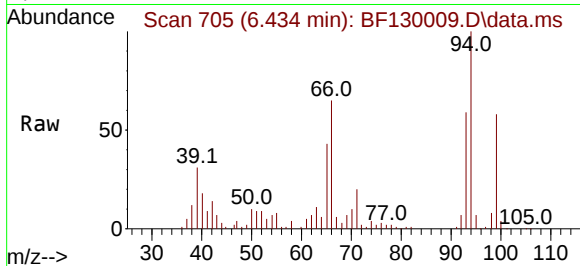




#10
Phenol
Concen: 7.415 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

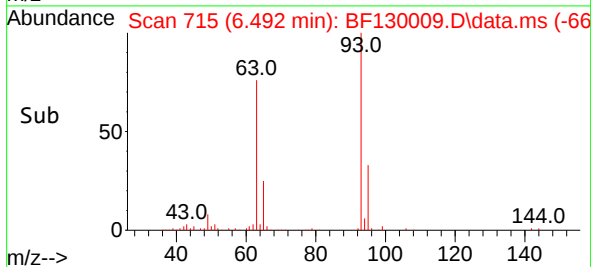
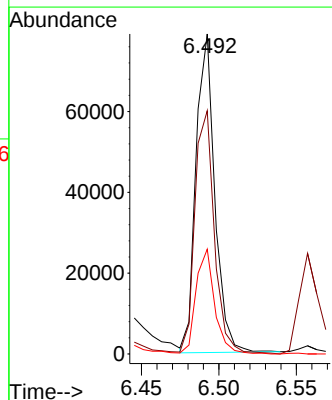
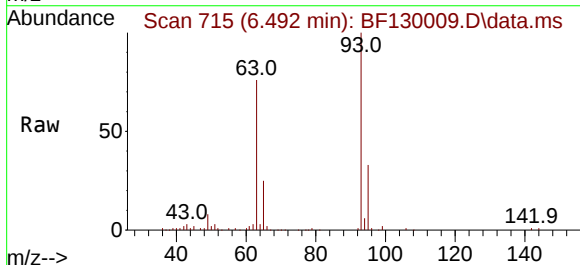
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

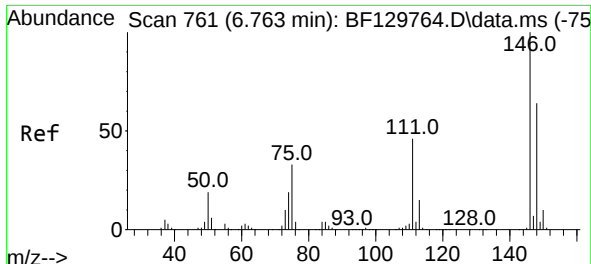
Tgt Ion: 94 Resp: 83196
Ion Ratio Lower Upper
94 100
65 43.0 24.9 64.9
66 65.4 54.2 94.2



#11
bis(2-Chloroethyl)ether
Concen: 7.812 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion: 93 Resp: 66563
Ion Ratio Lower Upper
93 100
63 76.0 55.9 95.9
95 32.8 12.3 52.3

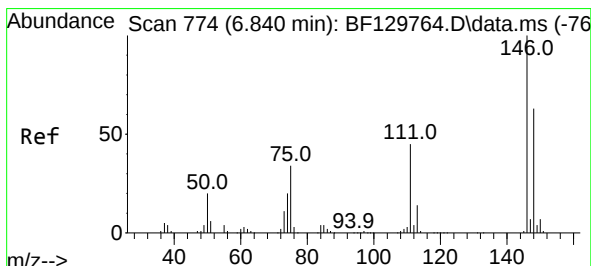
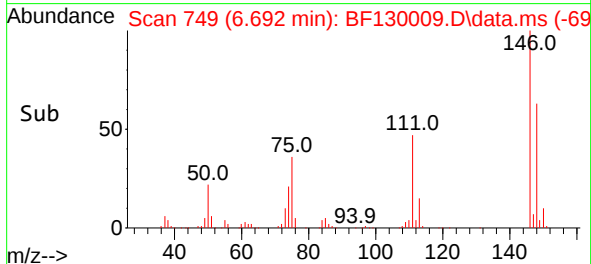
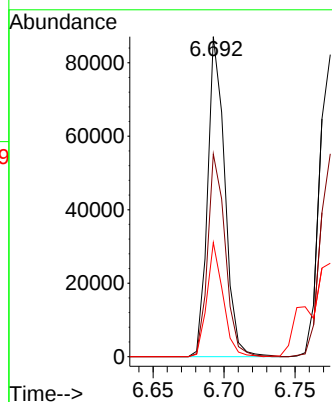
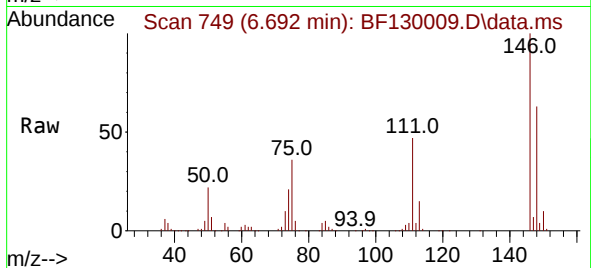




#12
1,3-Dichlorobenzene
Concen: 7.473 ng
RT: 6.692 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

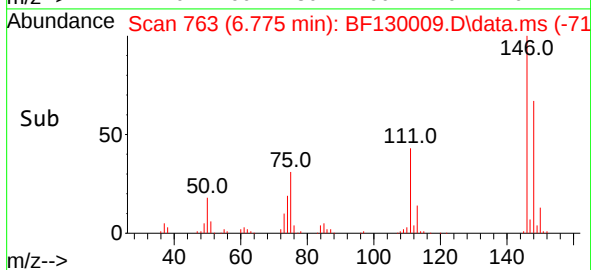
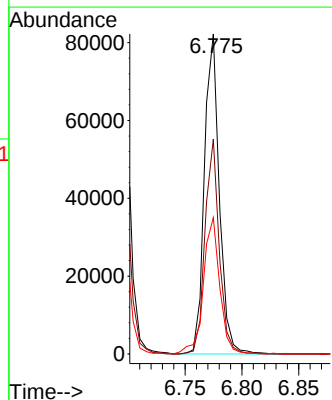
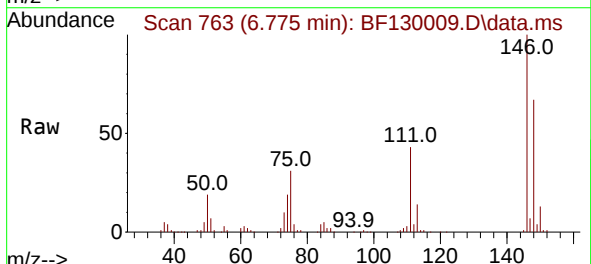
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

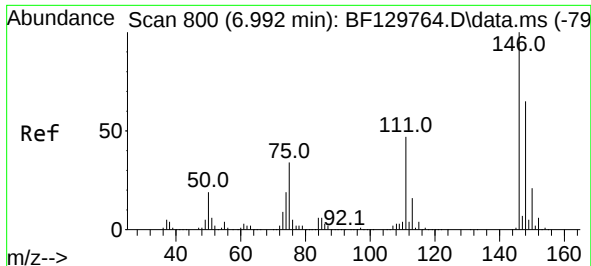
Tgt Ion:146 Resp: 73355
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
75 35.7 26.5 39.7



#13
1,4-Dichlorobenzene
Concen: 7.484 ng
RT: 6.775 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:146 Resp: 75072
Ion Ratio Lower Upper
146 100
148 67.1 50.6 75.8
111 42.6 36.2 54.4





#14

1,2-Dichlorobenzene

Concen: 7.583 ng

RT: 6.928 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

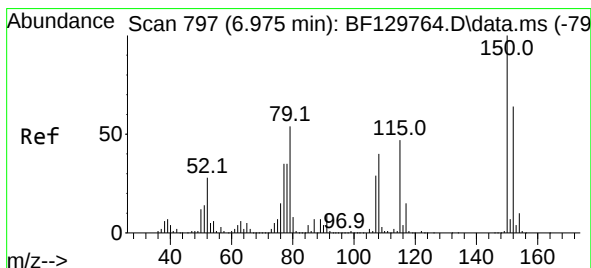
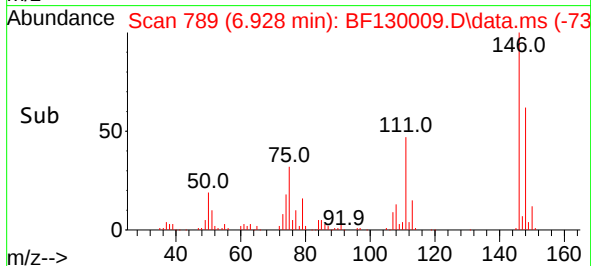
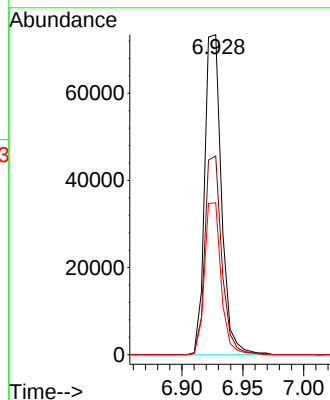
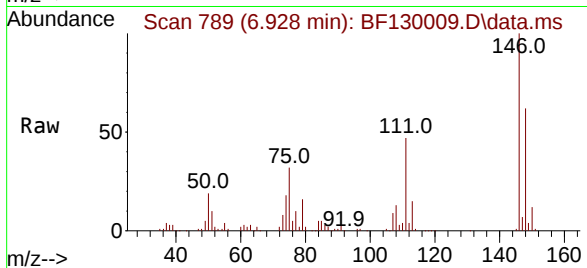
Tgt Ion:146 Resp: 70638

Ion Ratio Lower Upper

146 100

148 62.1 51.8 77.6

111 47.5 37.2 55.8



#15

Benzyl Alcohol

Concen: 6.724 ng

RT: 6.916 min Scan# 787

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

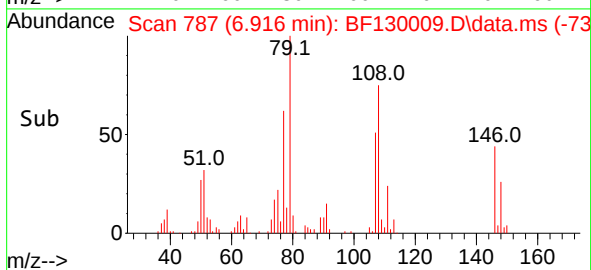
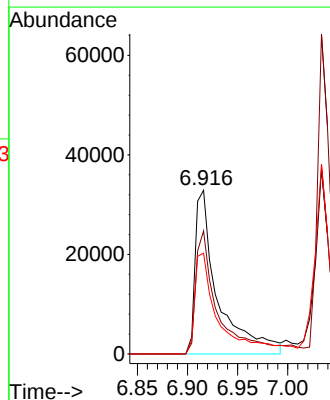
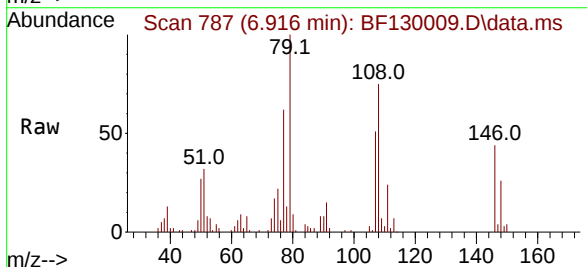
Tgt Ion: 79 Resp: 51921

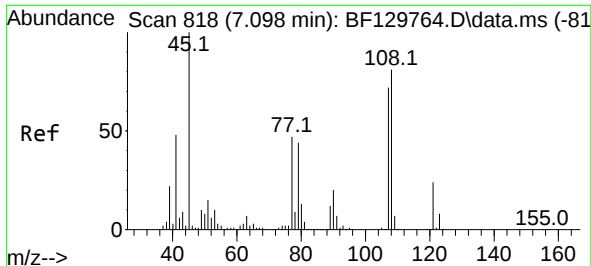
Ion Ratio Lower Upper

79 100

108 75.2 59.2 88.8

77 61.6 51.9 77.9

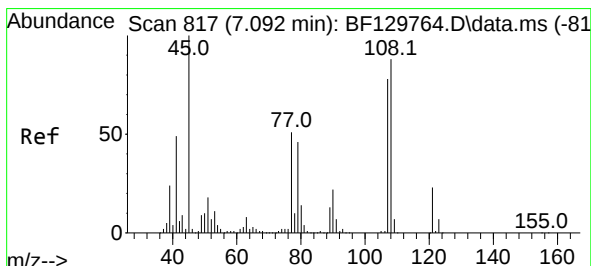
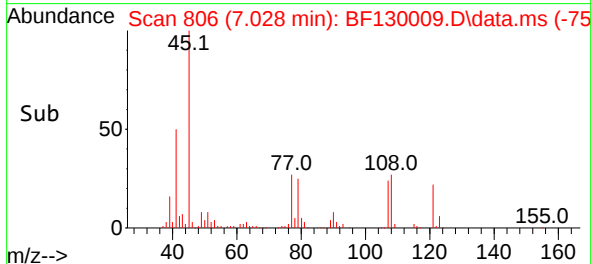
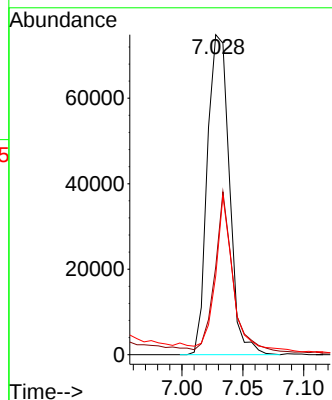
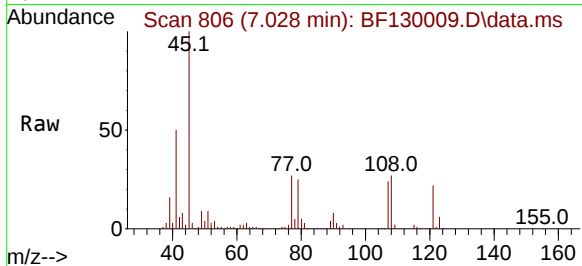




#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.243 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

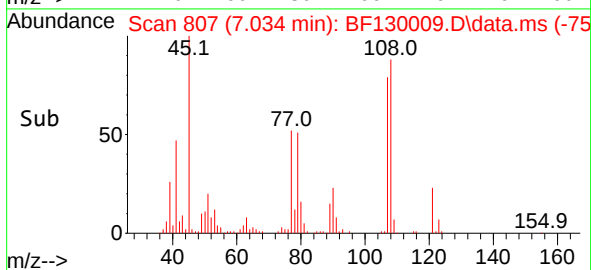
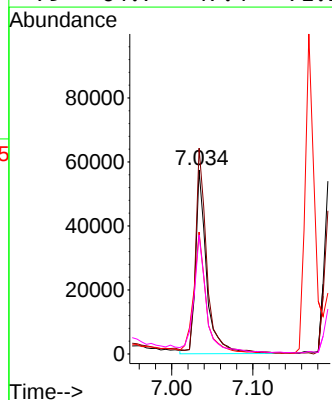
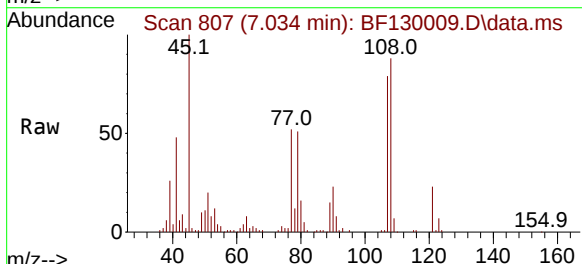
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

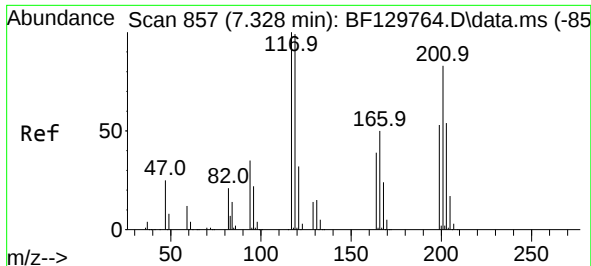
Tgt Ion: 45 Resp: 94107
Ion Ratio Lower Upper
45 100
77 27.4 27.4 67.4#
79 24.6 24.4 64.4



#17
2-Methylphenol
Concen: 7.546 ng
RT: 7.034 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

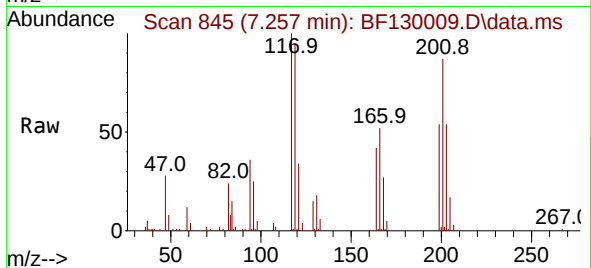
Tgt Ion: 107 Resp: 55097
Ion Ratio Lower Upper
107 100
108 111.9 90.2 135.2
77 66.3 51.8 77.8
79 64.7 47.4 71.2



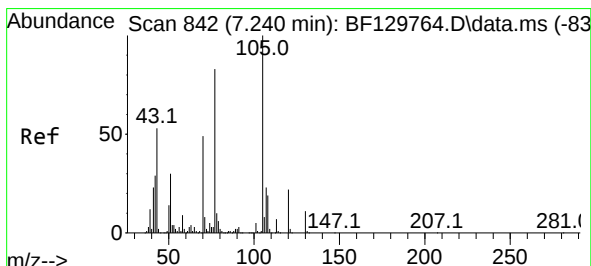
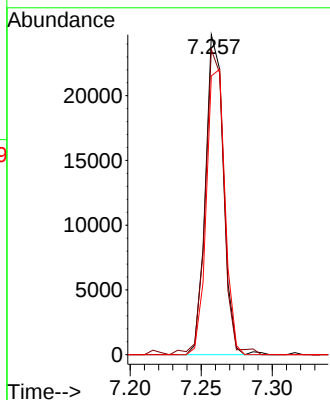
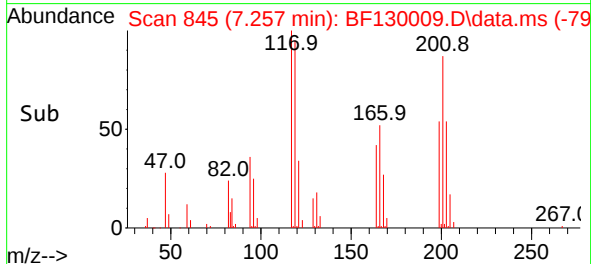


#18
Hexachloroethane
Concen: 5.817 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

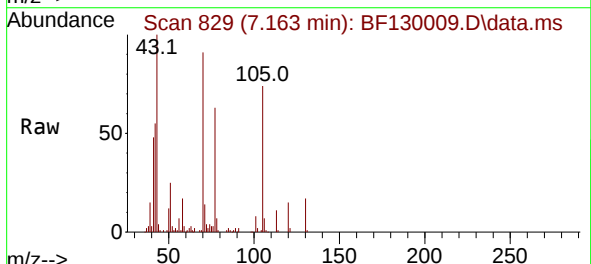
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD



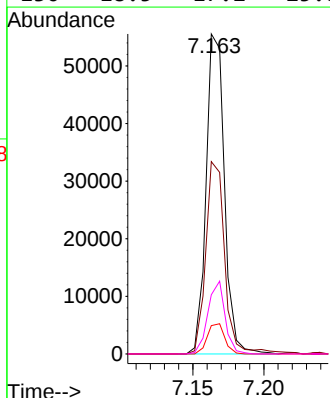
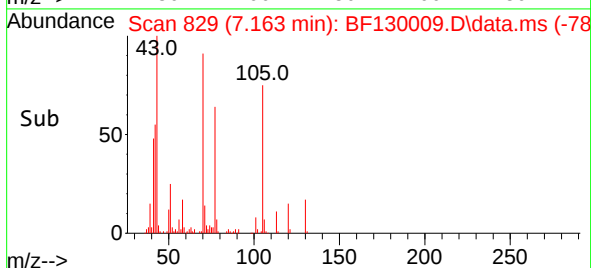
Tgt Ion:117 Resp: 21911
Ion Ratio Lower Upper
117 100
119 95.3 79.1 118.7
201 88.7 66.6 100.0

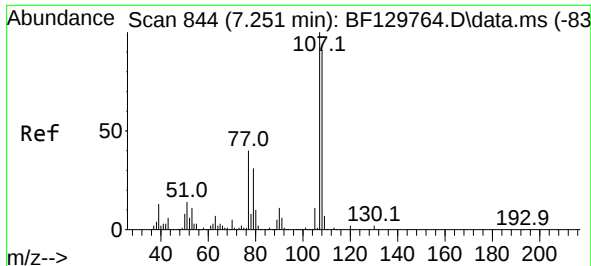


#19
n-Nitroso-di-n-propylamine
Concen: 7.736 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.018 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34



Tgt Ion: 70 Resp: 50018
Ion Ratio Lower Upper
70 100
42 60.1 47.6 71.4
101 8.8 8.1 12.1
130 18.5 17.2 25.8

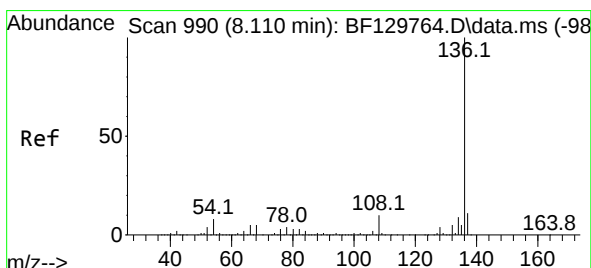
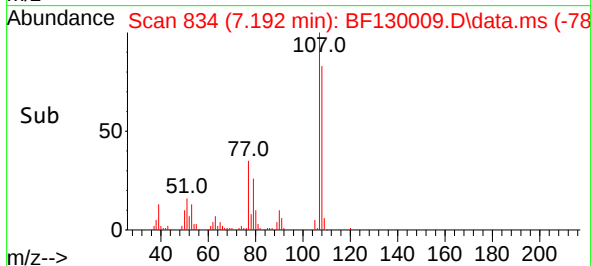
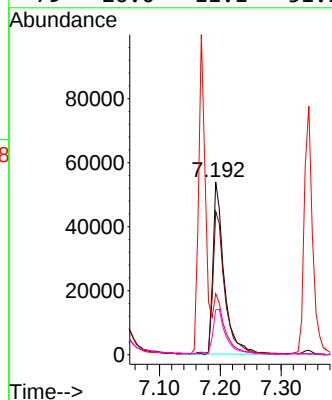
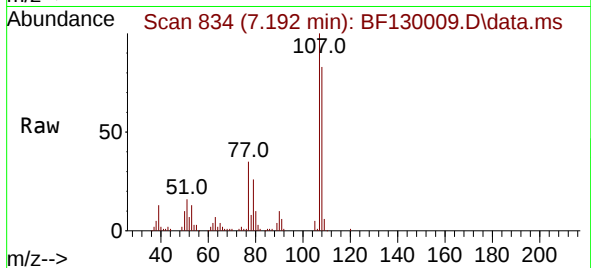




#20
3+4-Methylphenols
Concen: 7.069 ng
RT: 7.192 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

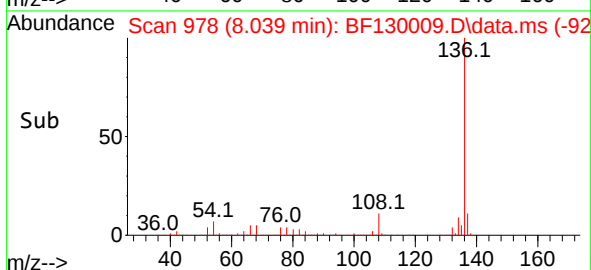
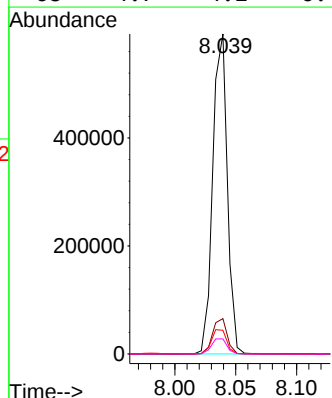
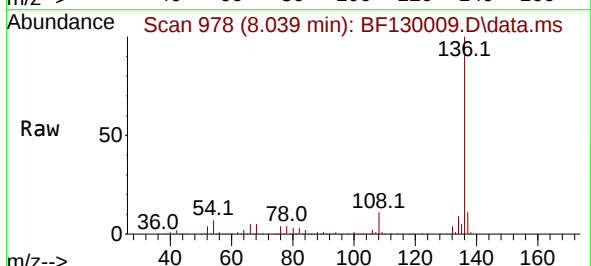
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

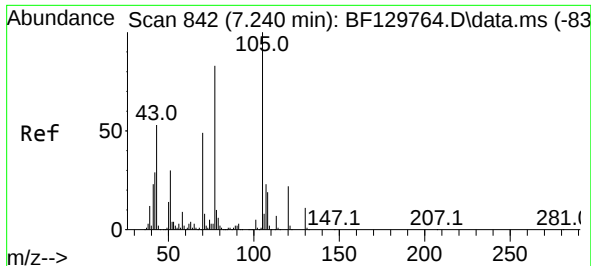
Tgt Ion:107	Resp:	69286
Ion	Ratio	Lower Upper
107	100	
108	82.9	71.3 111.3
77	35.2	20.4 60.4
79	26.0	11.1 51.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:136	Resp:	493499
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.4 12.6
54	7.4	6.2 9.2
68	4.7	4.2 6.4

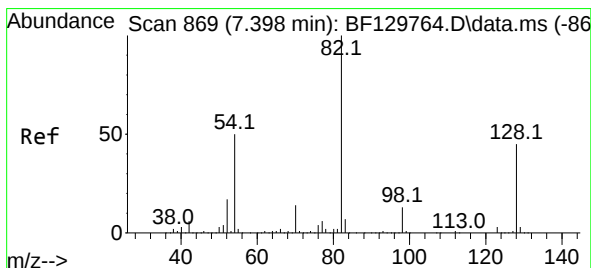
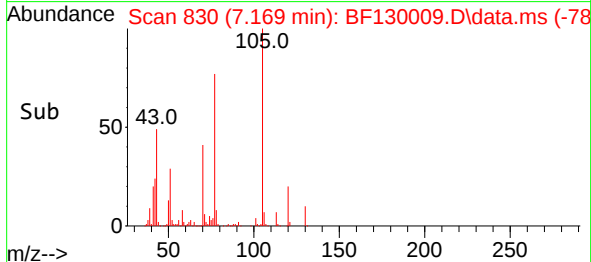
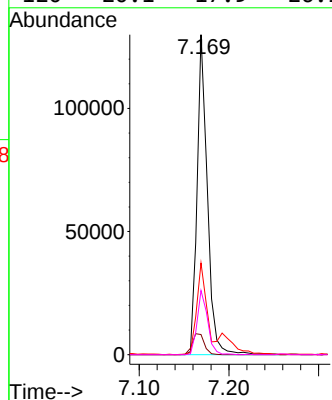
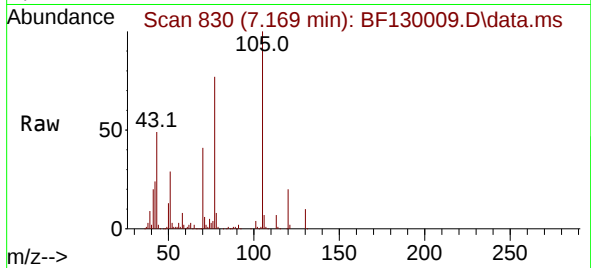




#22
Acetophenone
Concen: 8.620 ng
RT: 7.169 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

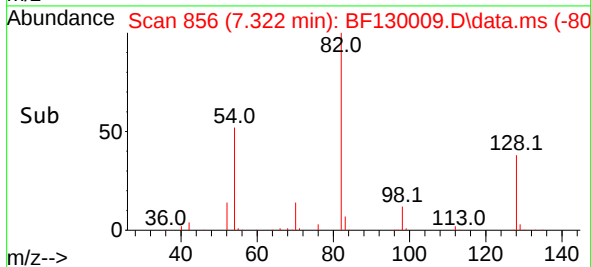
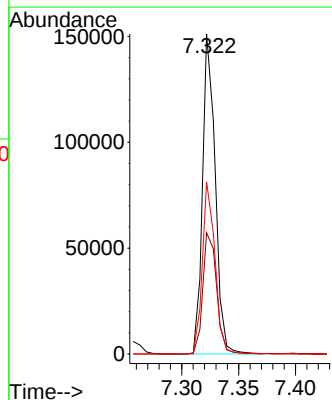
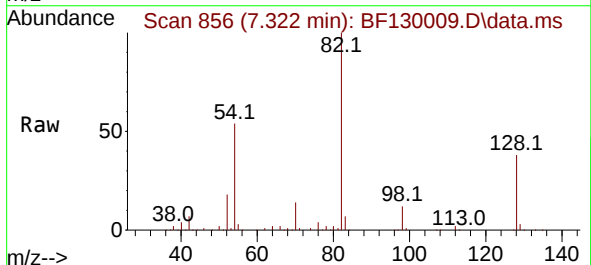
Instrument :
BNA_F
ClientSampleId :
SU-03-08232MSD

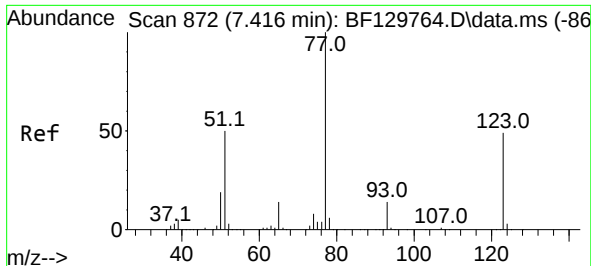
Tgt Ion:105 Resp: 103662
Ion Ratio Lower Upper
105 100
71 6.3 6.6 9.8#
51 28.6 23.8 35.8
120 20.1 17.9 26.9



#23
Nitrobenzene-d5
Concen: 12.712 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion: 82 Resp: 117193
Ion Ratio Lower Upper
82 100
128 37.9 36.1 54.1
54 53.8 40.0 60.0

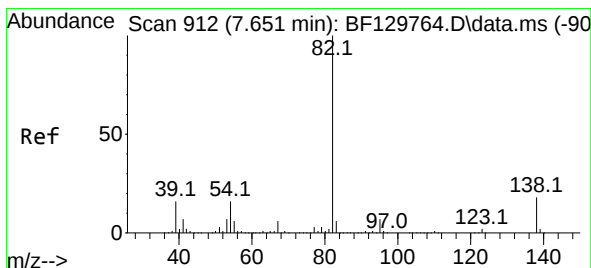
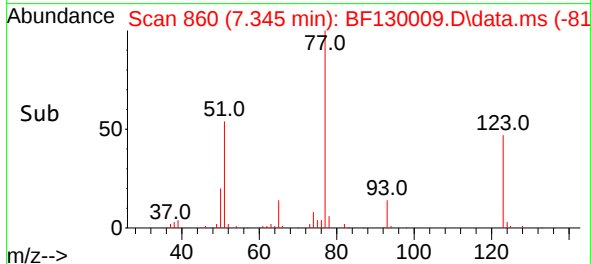
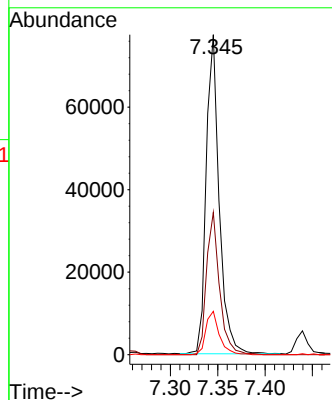
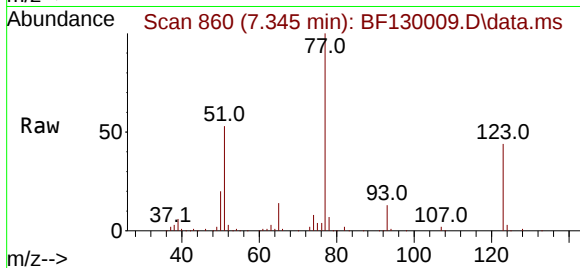




#24
Nitrobenzene
Concen: 7.878 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

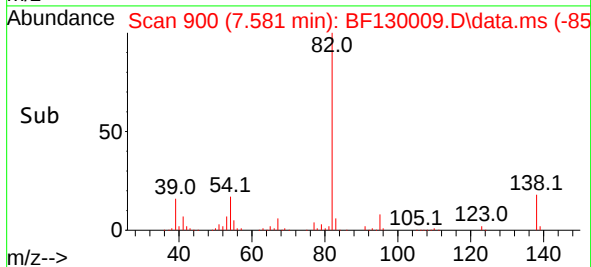
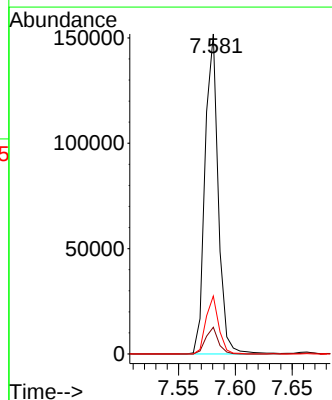
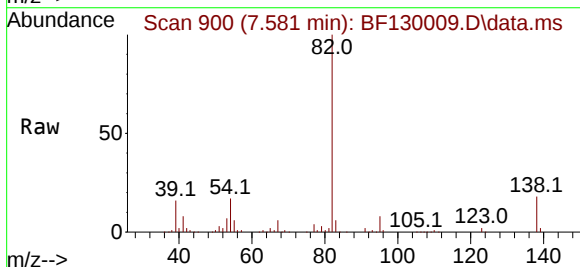
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

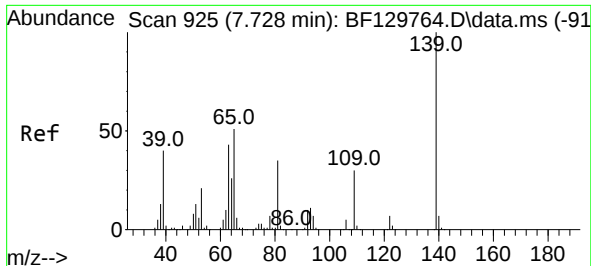
Tgt Ion: 77 Resp: 73231
Ion Ratio Lower Upper
77 100
123 44.5 39.2 58.8
65 13.5 11.1 16.7



#25
Isophorone
Concen: 7.750 ng
RT: 7.581 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion: 82 Resp: 122961
Ion Ratio Lower Upper
82 100
95 8.4 5.9 8.9
138 18.1 14.6 21.8

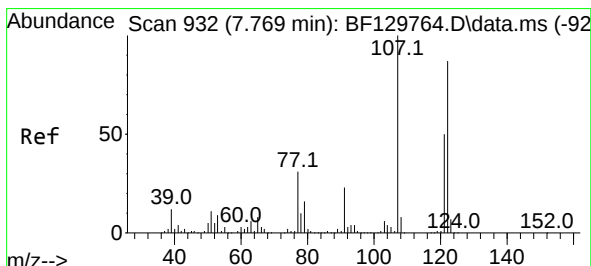
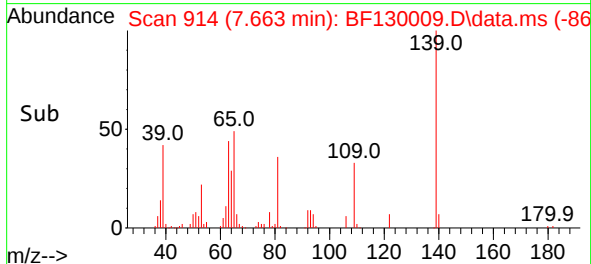
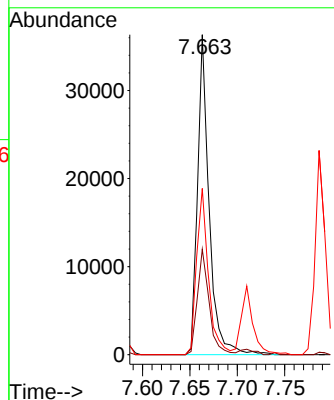
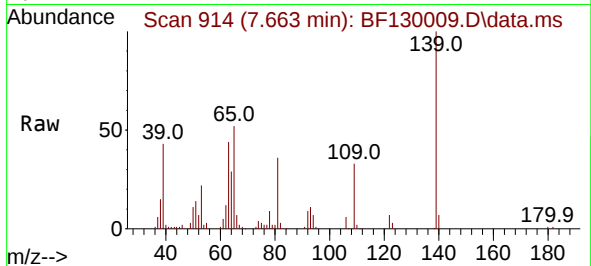




#26
2-Nitrophenol
Concen: 6.778 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

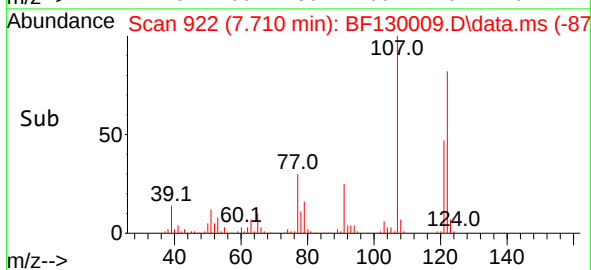
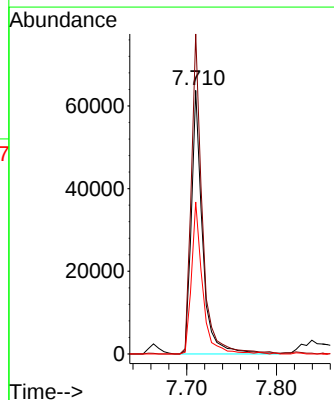
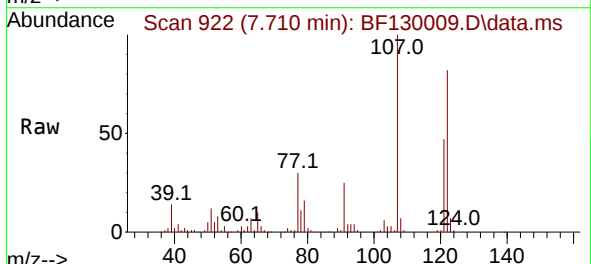
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

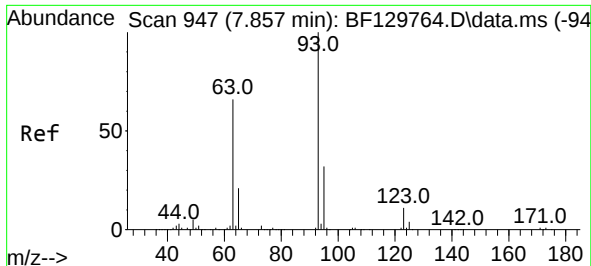
Tgt Ion:139 Resp: 30993
Ion Ratio Lower Upper
139 100
109 32.9 24.4 36.6
65 52.0 40.9 61.3



#27
2,4-Dimethylphenol
Concen: 8.349 ng
RT: 7.710 min Scan# 922
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:122 Resp: 54746
Ion Ratio Lower Upper
122 100
107 121.4 92.2 138.4
121 57.7 46.1 69.1





#28

bis(2-Chloroethoxy)methane

Concen: 8.600 ng

RT: 7.786 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

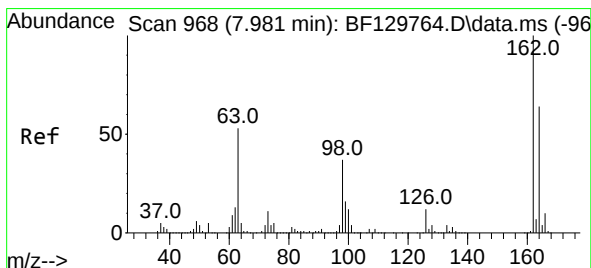
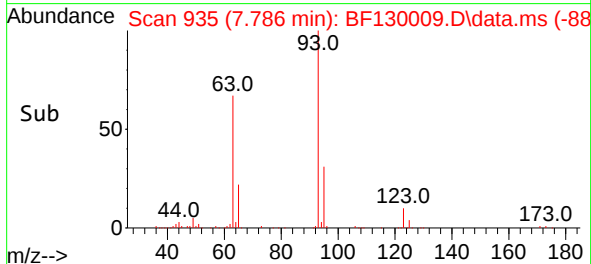
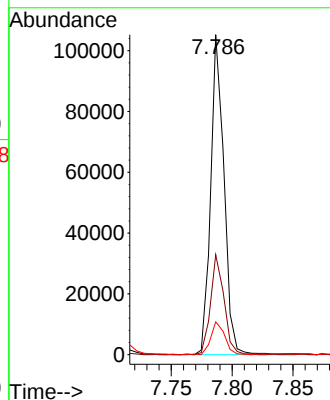
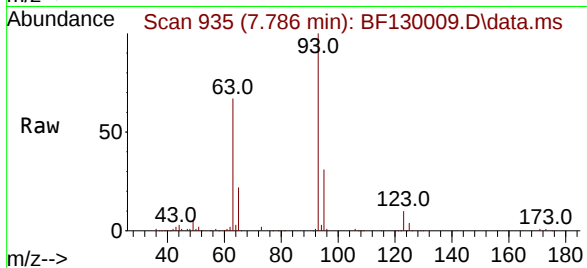
Tgt Ion: 93 Resp: 79672

Ion Ratio Lower Upper

93 100

95 31.2 25.6 38.4

123 10.3 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 6.721 ng

RT: 7.928 min Scan# 959

Delta R.T. 0.012 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

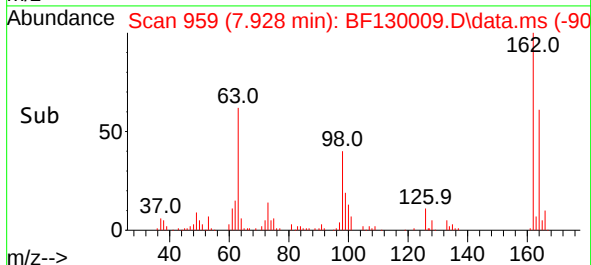
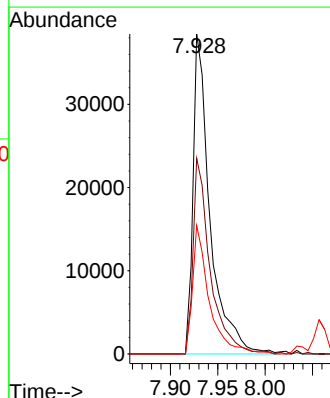
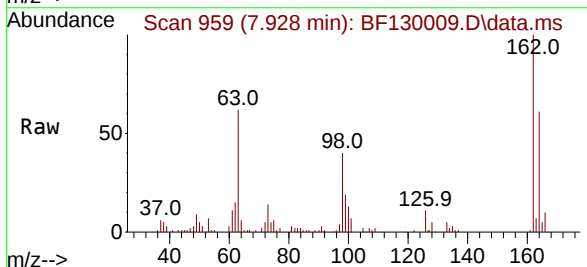
Tgt Ion:162 Resp: 48193

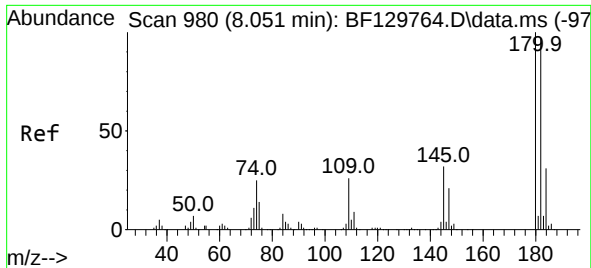
Ion Ratio Lower Upper

162 100

164 61.2 43.7 83.7

98 40.1 16.5 56.5

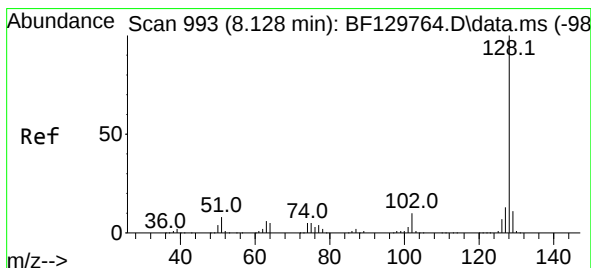
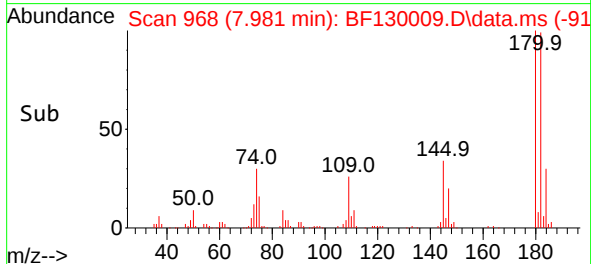
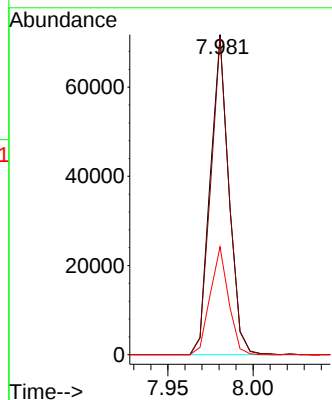
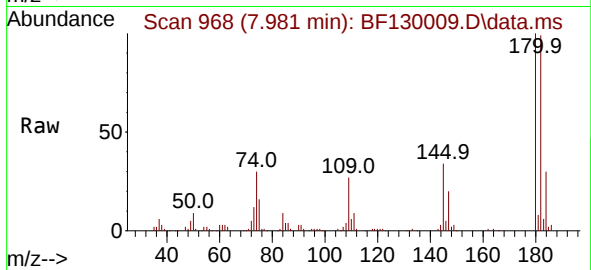




#30
1,2,4-Trichlorobenzene
Concen: 7.159 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

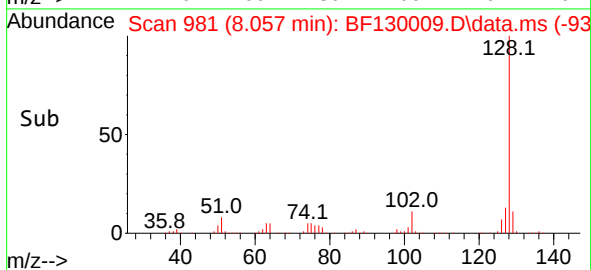
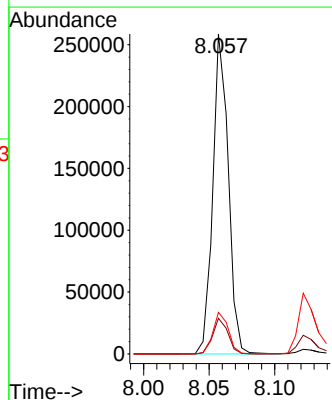
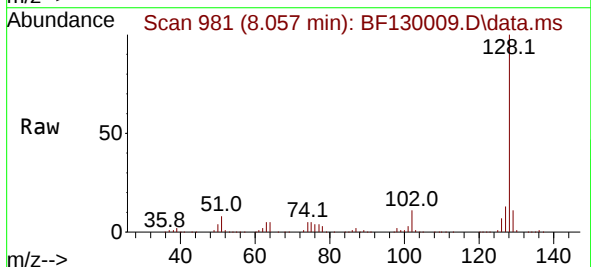
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

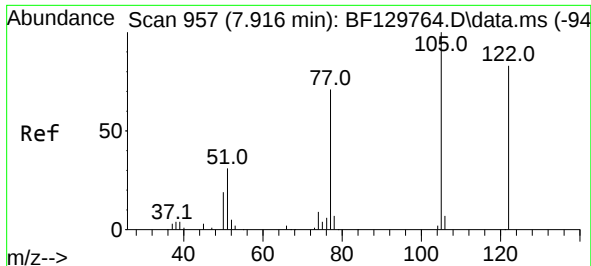
Tgt Ion:180 Resp: 54157
Ion Ratio Lower Upper
180 100
182 99.3 77.6 116.4
145 33.7 25.6 38.4



#31
Naphthalene
Concen: 8.228 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:128 Resp: 212310
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.7 16.1

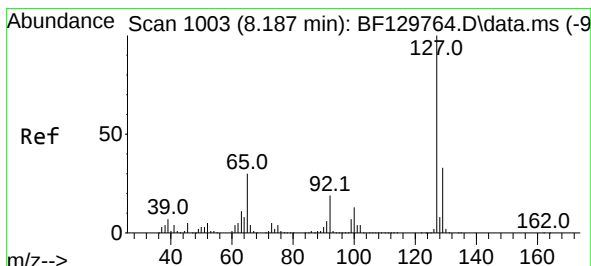
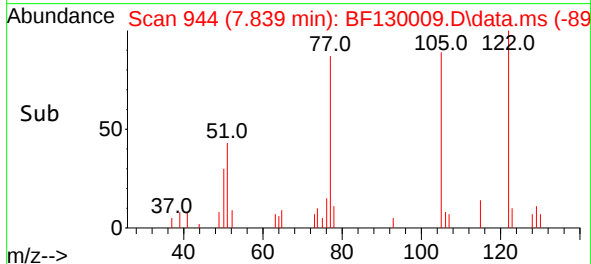
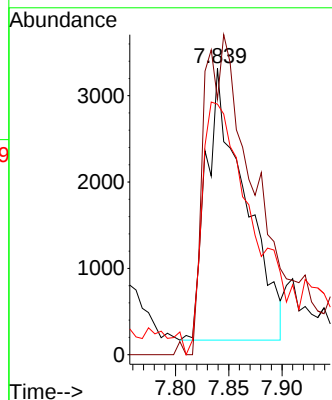
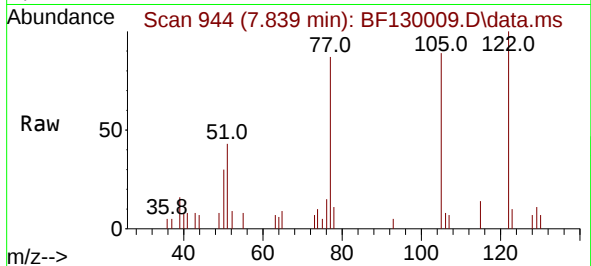




#32
Benzoic acid
Concen: 5.618 ng
RT: 7.839 min Scan# 944
Delta R.T. -0.024 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

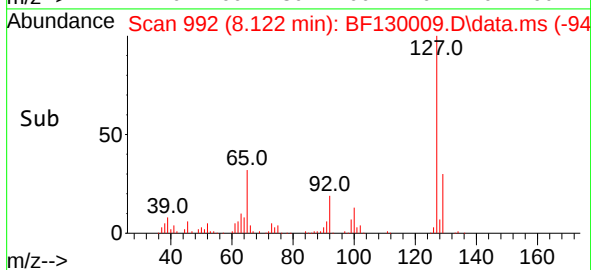
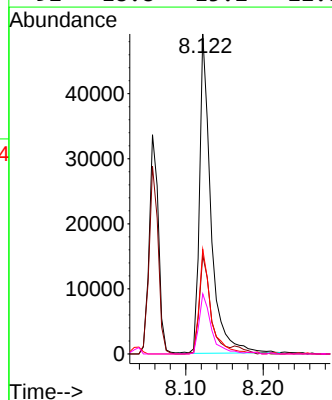
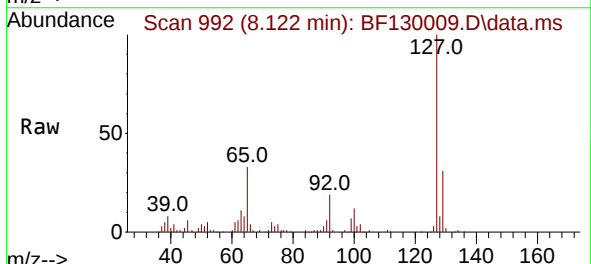
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

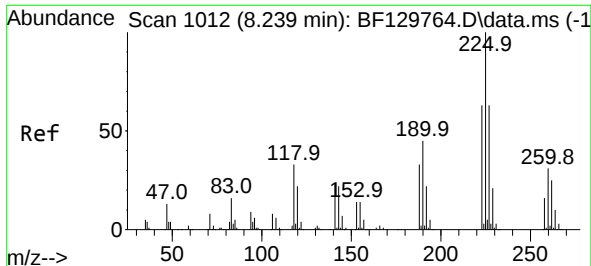
Tgt Ion:122 Resp: 7920
Ion Ratio Lower Upper
122 100
105 89.2 99.9 139.9#
77 87.5 65.9 105.9



#33
4-Chloroaniline
Concen: 4.926 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:127 Resp: 49983
Ion Ratio Lower Upper
127 100
129 30.8 26.7 40.1
65 32.7 24.2 36.2
92 18.8 15.2 22.8

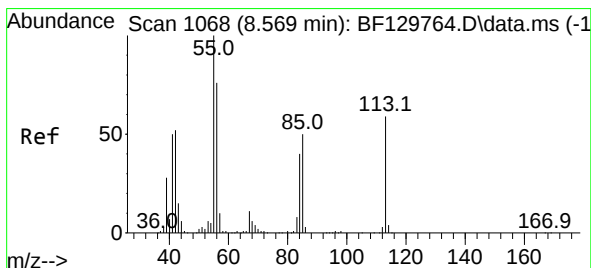
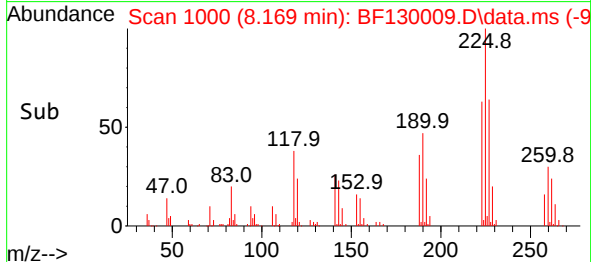
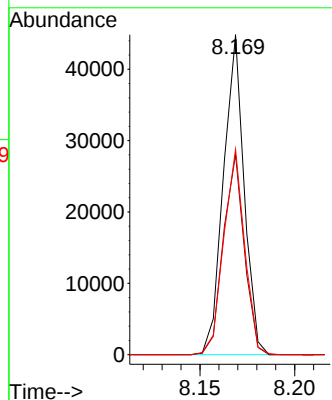
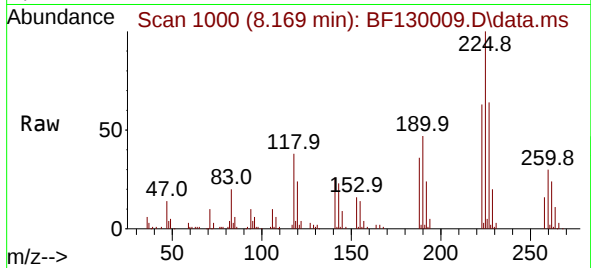




#34
Hexachlorobutadiene
Concen: 7.386 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

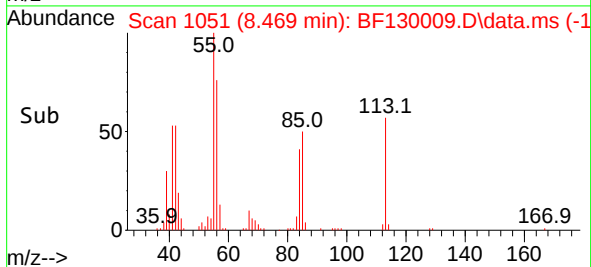
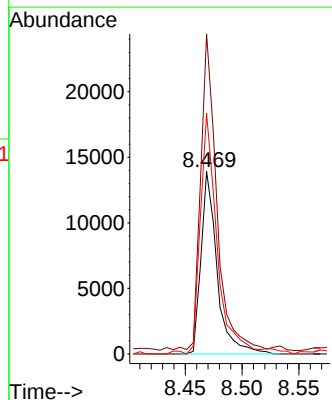
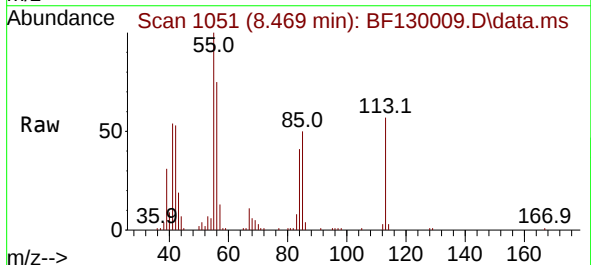
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

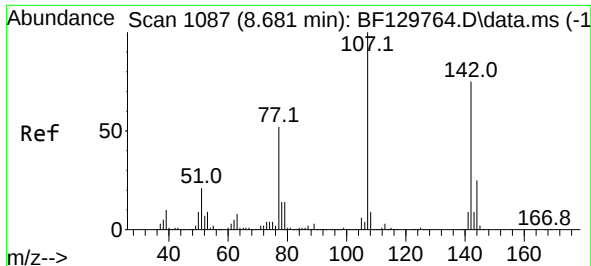
Tgt Ion:225 Resp: 34020
Ion Ratio Lower Upper
225 100
223 62.5 50.2 75.2
227 64.2 50.6 75.8



#35
Caprolactam
Concen: 6.137 ng
RT: 8.469 min Scan# 1051
Delta R.T. -0.041 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:113 Resp: 13685
Ion Ratio Lower Upper
113 100
55 175.3 148.8 188.8
56 131.8 109.1 149.1

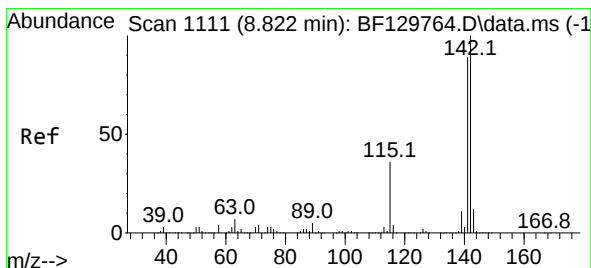
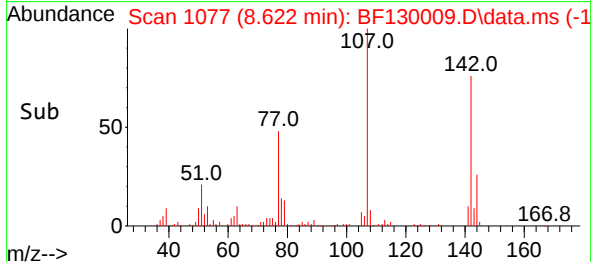
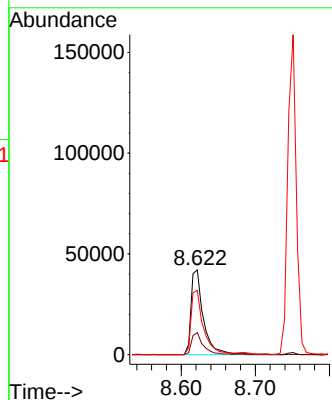
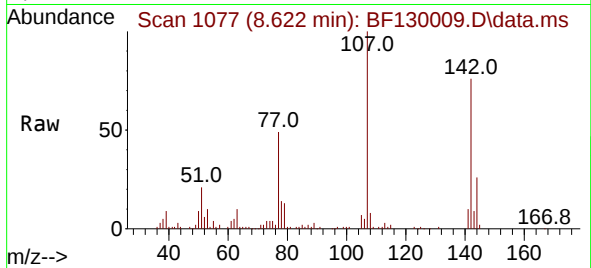




#36
4-Chloro-3-methylphenol
Concen: 6.366 ng
RT: 8.622 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

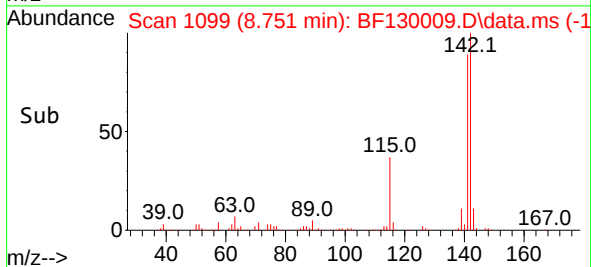
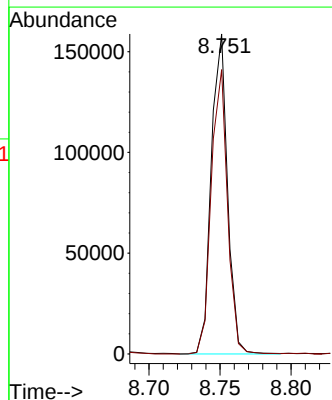
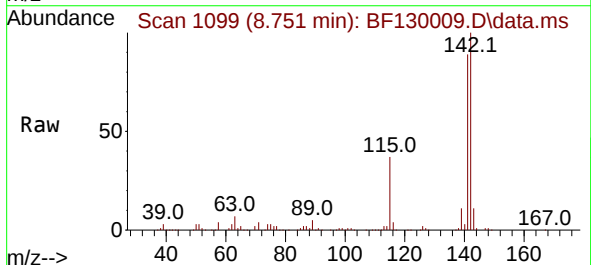
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

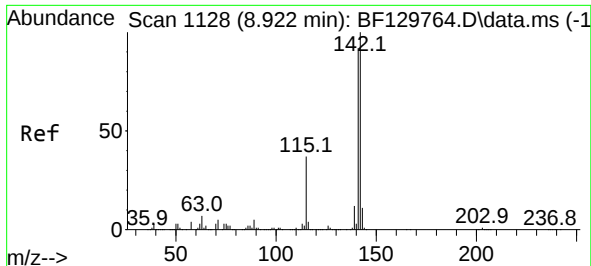
Tgt Ion:107 Resp: 49243
Ion Ratio Lower Upper
107 100
144 26.1 19.9 29.9
142 75.9 60.2 90.4



#37
2-Methylnaphthalene
Concen: 7.478 ng
RT: 8.751 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:142 Resp: 126649
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3

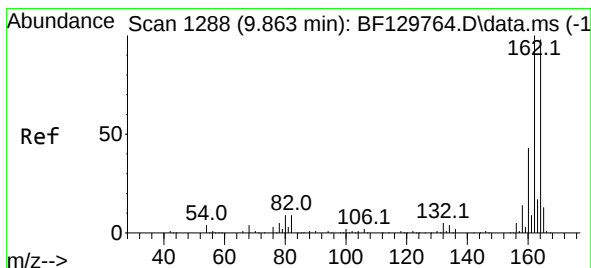
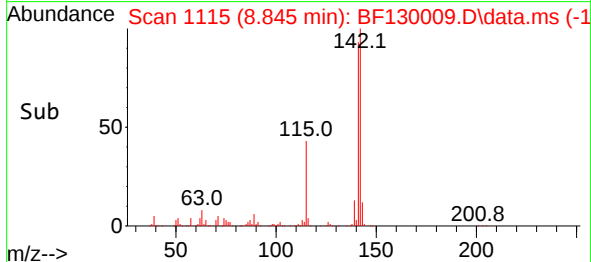
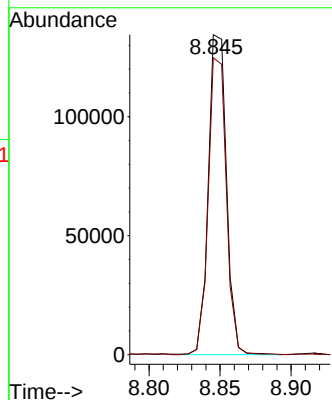
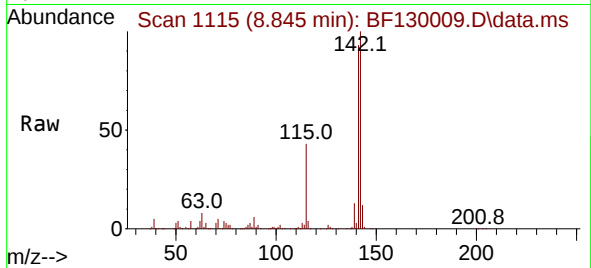




#38
1-Methylnaphthalene
Concen: 7.267 ng
RT: 8.845 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

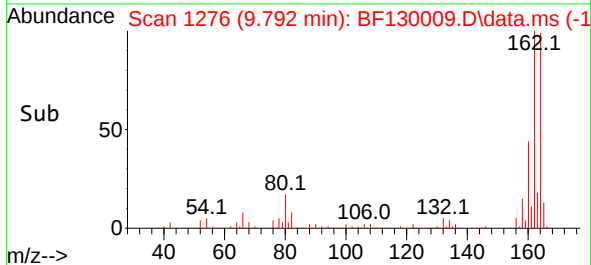
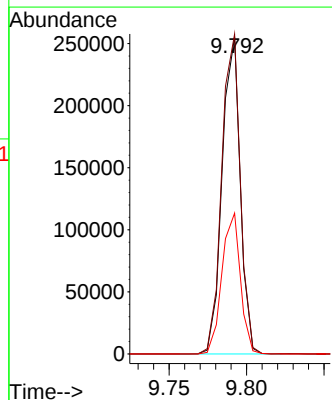
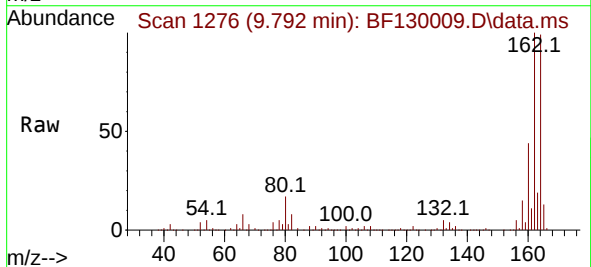
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

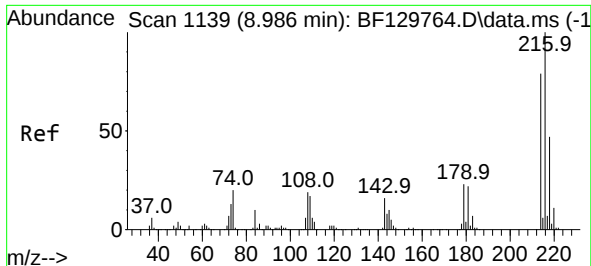
Tgt Ion:142 Resp: 119603
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:164 Resp: 207065
Ion Ratio Lower Upper
164 100
162 100.9 82.0 123.0
160 44.4 35.4 53.0

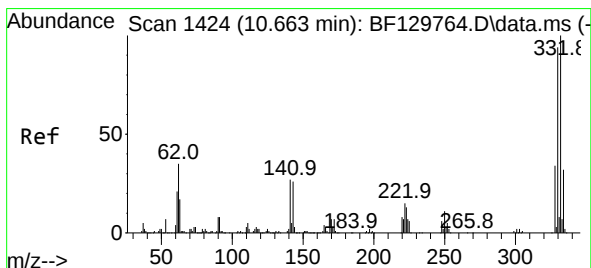
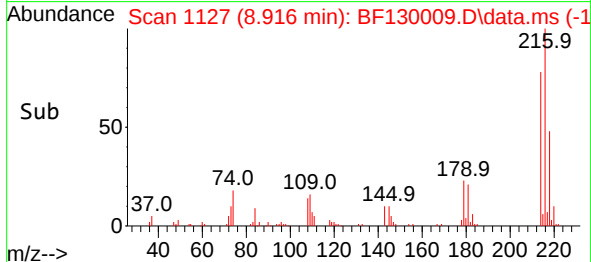
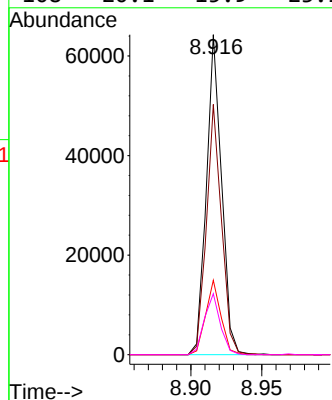
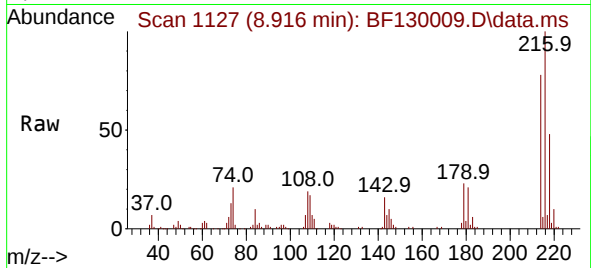




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.294 ng
 RT: 8.916 min Scan# 1139
 Delta R.T. -0.000 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

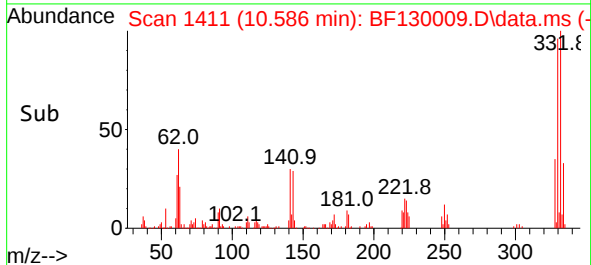
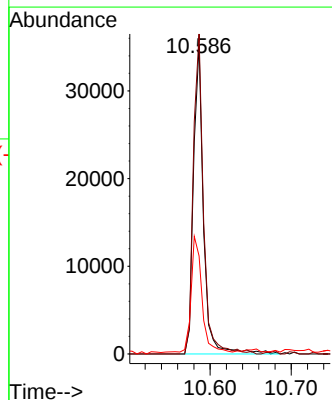
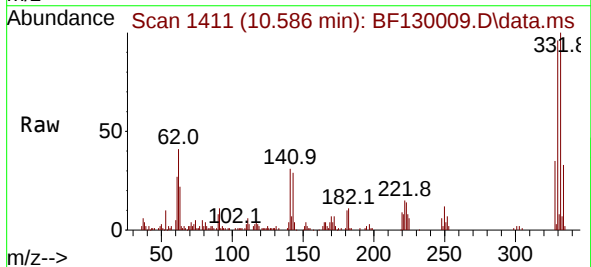
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD

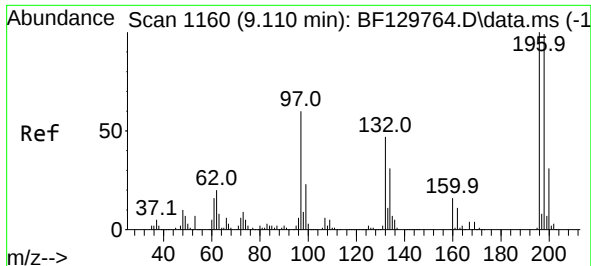
Tgt Ion:	216	Resp:	47767
Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.1	94.7
179	23.4	18.1	27.1
108	20.1	15.9	23.9



#42
 2,4,6-Tribromophenol
 Concen: 14.591 ng
 RT: 10.586 min Scan# 1411
 Delta R.T. -0.000 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

Tgt Ion:	330	Resp:	30323
Ion	Ratio	Lower	Upper
330	100		
332	105.1	82.6	124.0
141	40.4	27.6	41.4





#43

2,4,6-Trichlorophenol

Concen: 7.553 ng

RT: 9.039 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

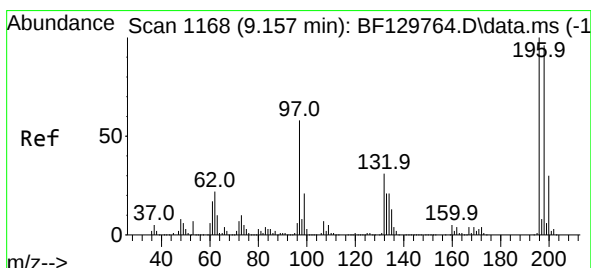
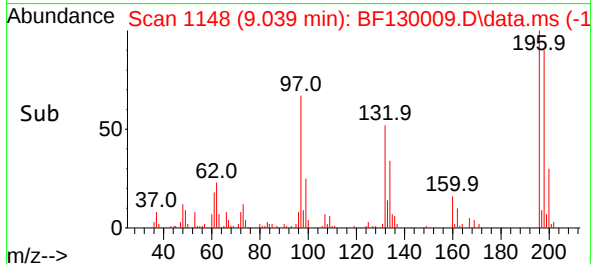
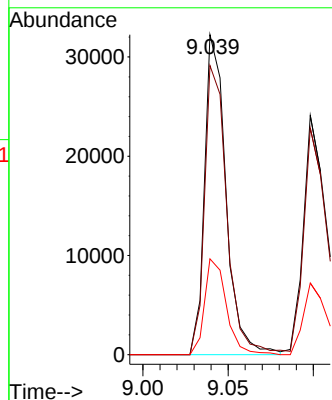
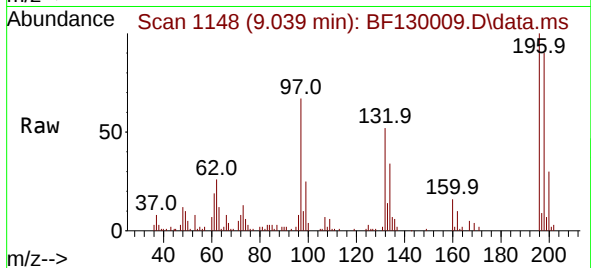
Tgt Ion:196 Resp: 28262

Ion Ratio Lower Upper

196 100

198 90.3 79.0 118.4

200 29.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 6.433 ng

RT: 9.098 min Scan# 1158

Delta R.T. 0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Tgt Ion:196 Resp: 25899

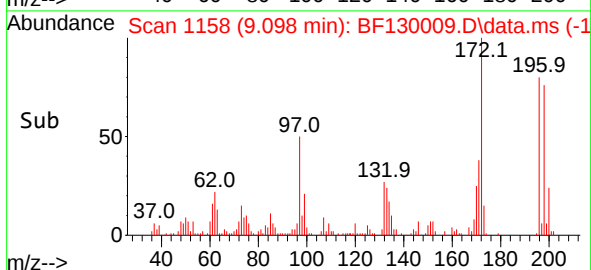
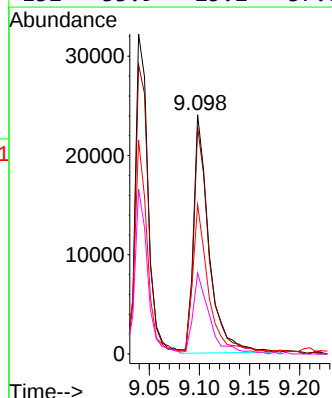
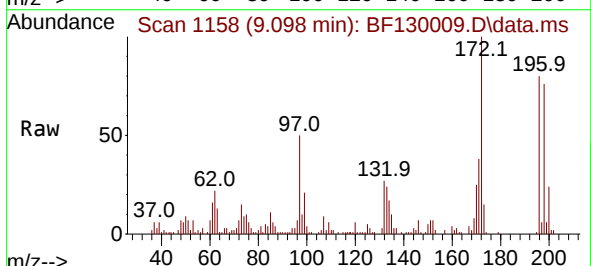
Ion Ratio Lower Upper

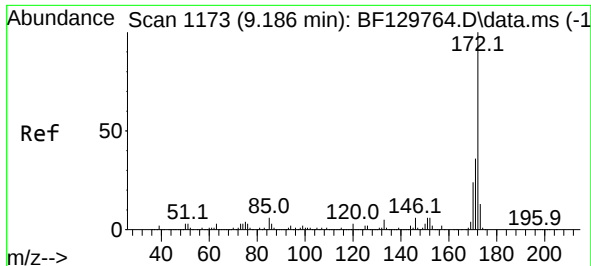
196 100

198 94.7 76.4 114.6

97 62.4 46.5 69.7

132 33.9 25.2 37.8

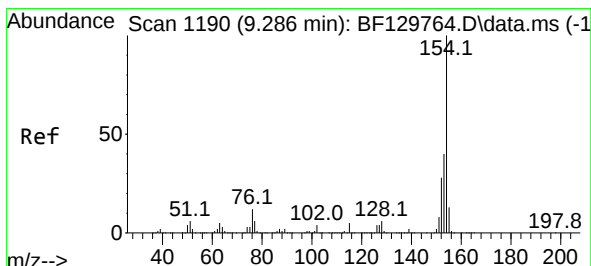
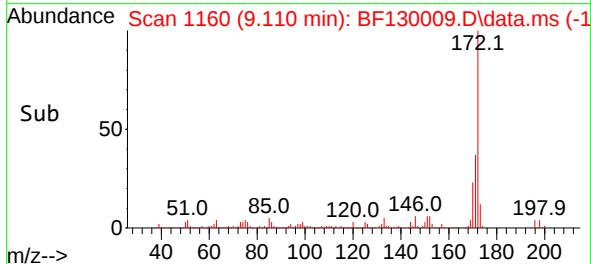
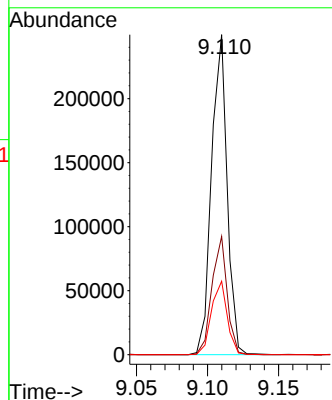
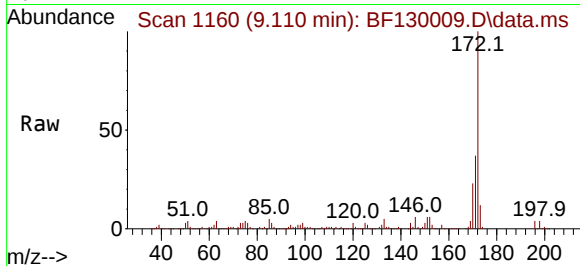




#45
2-Fluorobiphenyl
Concen: 14.056 ng
RT: 9.110 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

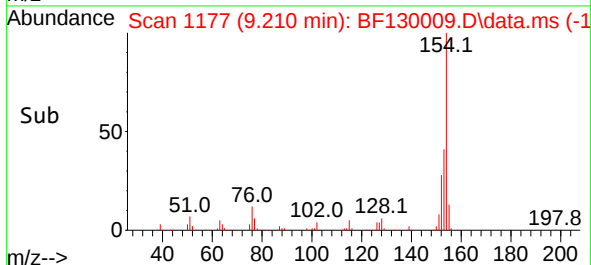
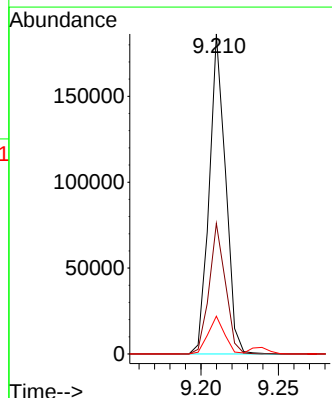
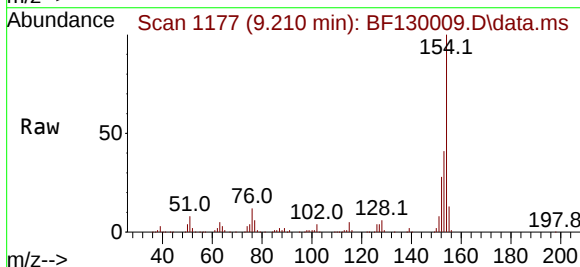
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

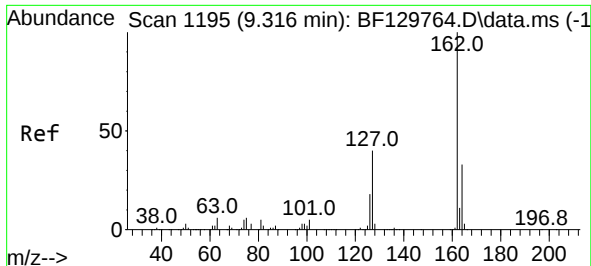
Tgt Ion:172 Resp: 191634
Ion Ratio Lower Upper
172 100
171 36.9 28.4 42.6
170 22.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 8.664 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:154 Resp: 136295
Ion Ratio Lower Upper
154 100
153 40.8 20.2 60.2
76 11.8 0.0 32.1





#47

2-Chloronaphthalene

Concen: 7.849 ng

RT: 9.239 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

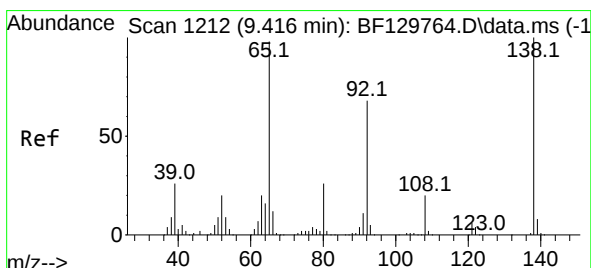
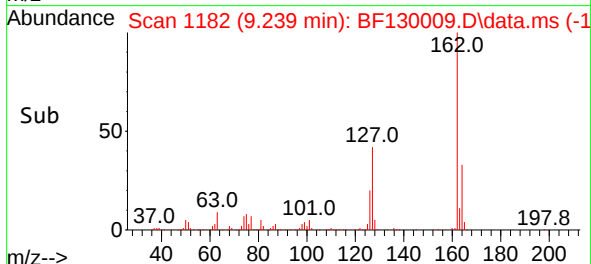
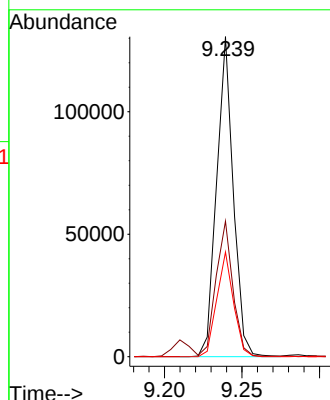
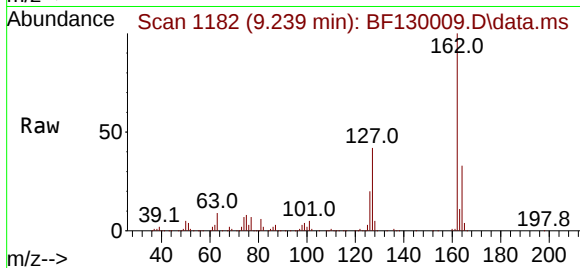
Tgt Ion:162 Resp: 97688

Ion Ratio Lower Upper

162 100

127 42.4 33.1 49.7

164 32.7 26.7 40.1



#48

2-Nitroaniline

Concen: 7.853 ng

RT: 9.351 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

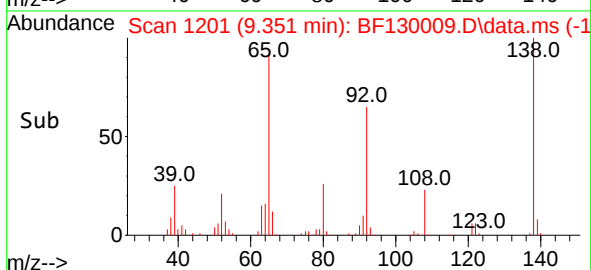
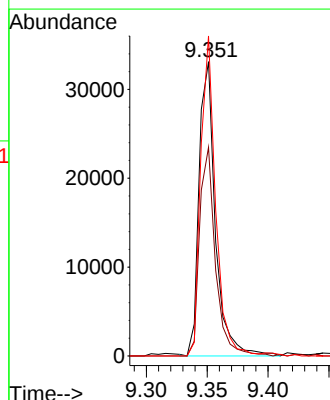
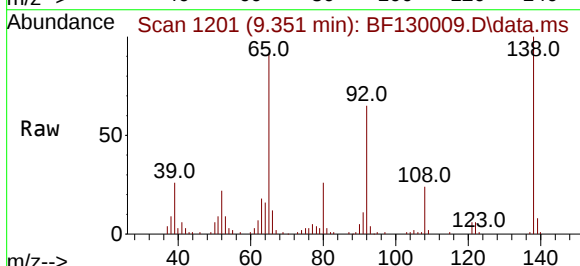
Tgt Ion: 65 Resp: 30887

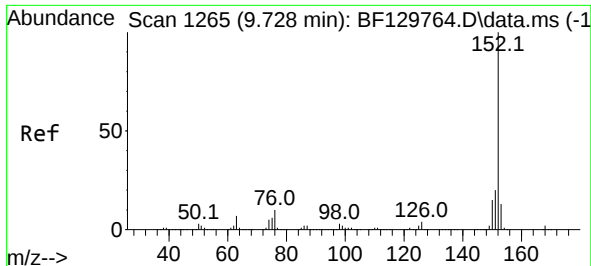
Ion Ratio Lower Upper

65 100

92 70.9 55.0 82.4

138 108.7 81.3 121.9





#49

Acenaphthylene

Concen: 8.978 ng

RT: 9.651 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

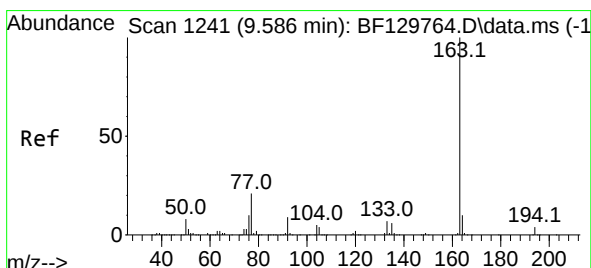
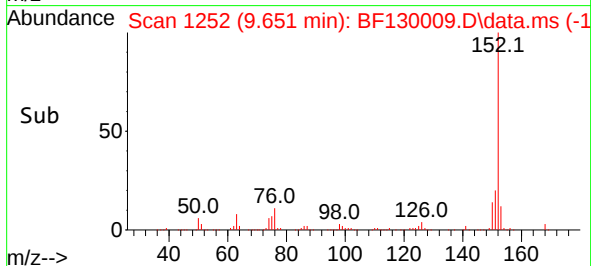
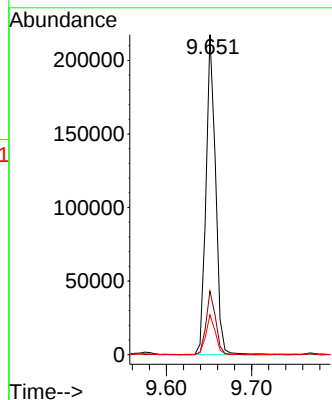
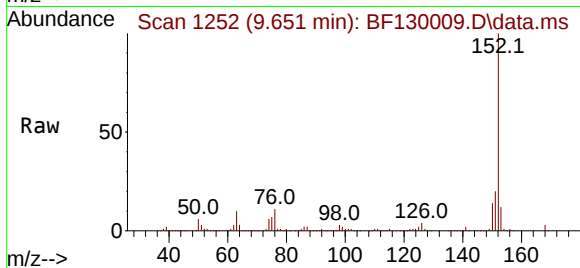
Tgt Ion:152 Resp: 169447

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 12.5 10.6 16.0



#50

Dimethylphthalate

Concen: 8.009 ng

RT: 9.510 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

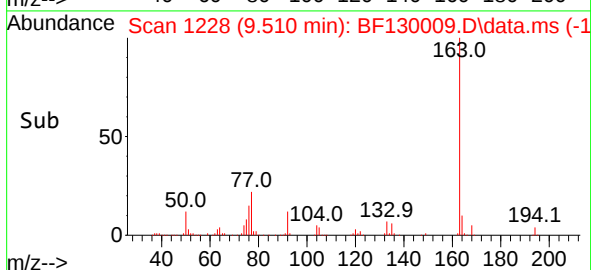
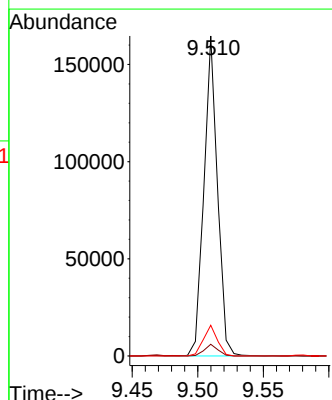
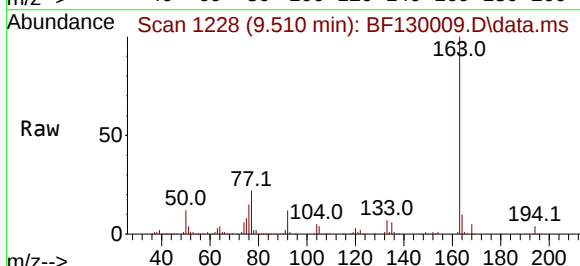
Tgt Ion:163 Resp: 118878

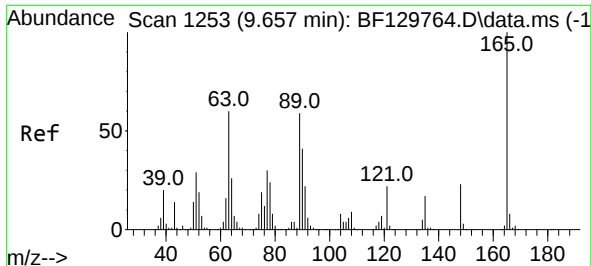
Ion Ratio Lower Upper

163 100

194 3.6 3.3 4.9

164 9.6 8.2 12.2

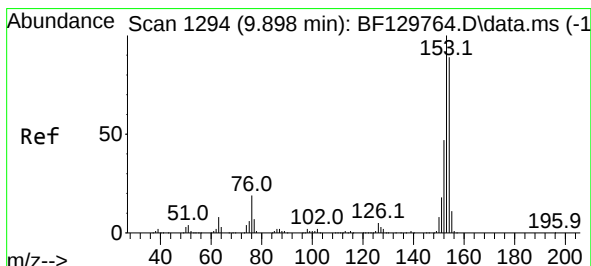
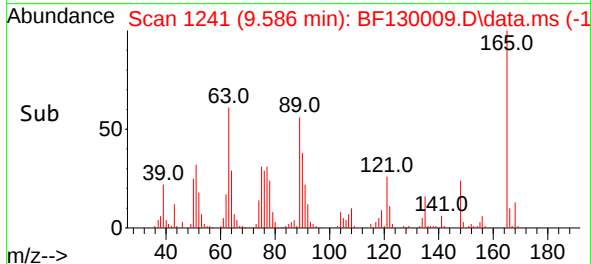
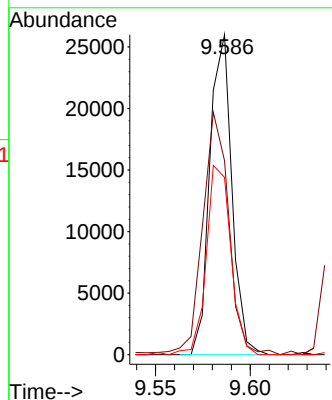
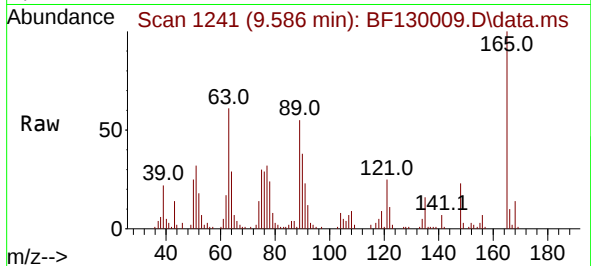




#51
2,6-Dinitrotoluene
Concen: 6.552 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

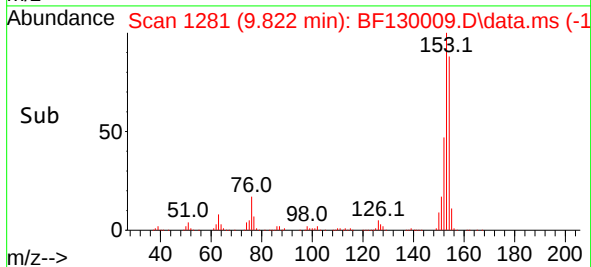
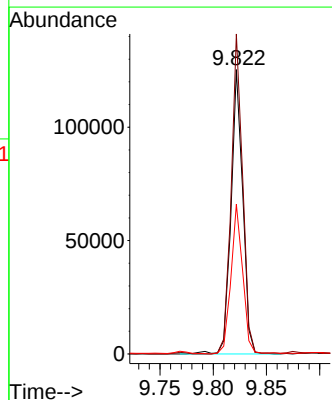
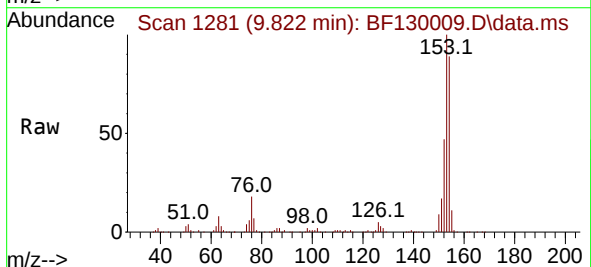
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

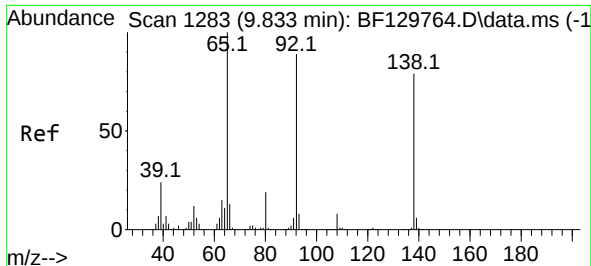
Tgt Ion:165 Resp: 21097
Ion Ratio Lower Upper
165 100
63 60.6 47.8 71.8
89 55.4 47.2 70.8



#52
Acenaphthene
Concen: 8.367 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:154 Resp: 95805
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.6
152 52.7 42.1 63.1

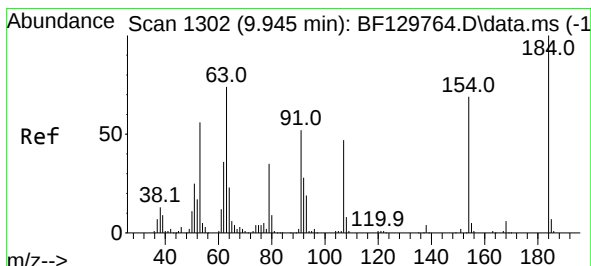
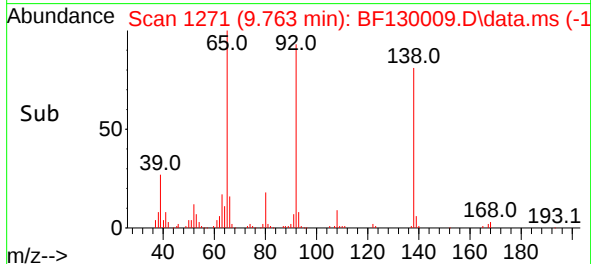
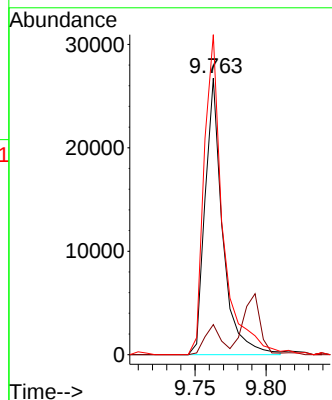
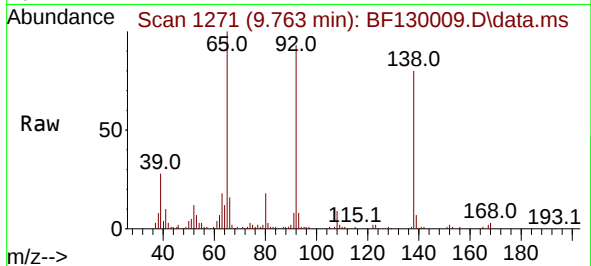




#53
3-Nitroaniline
Concen: 6.458 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

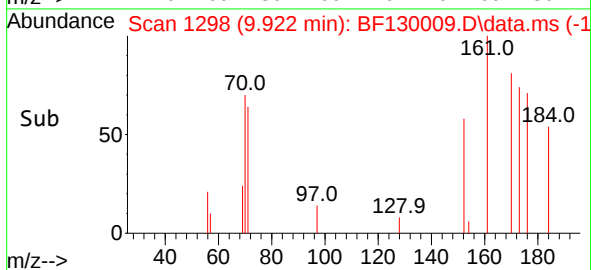
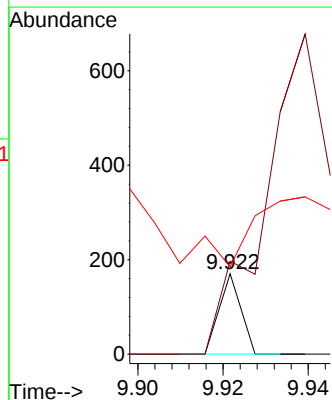
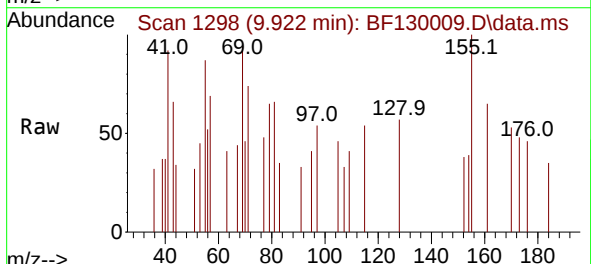
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

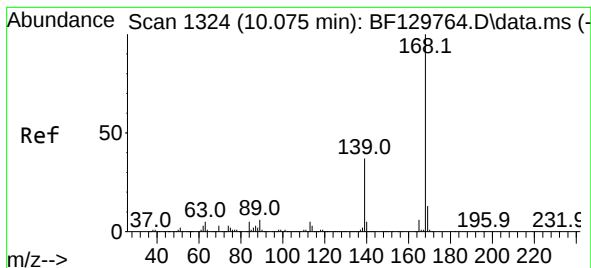
Tgt Ion:138 Resp: 22996
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 115.7 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 5.510 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.035 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 115.9 59.6 89.4#
154 108.8 55.3 82.9#

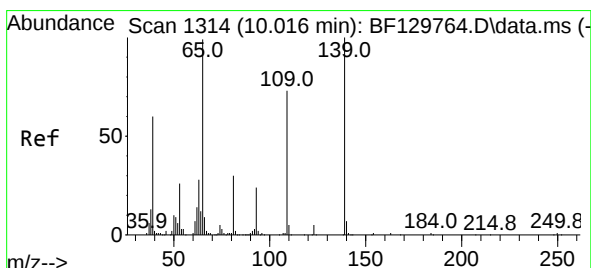
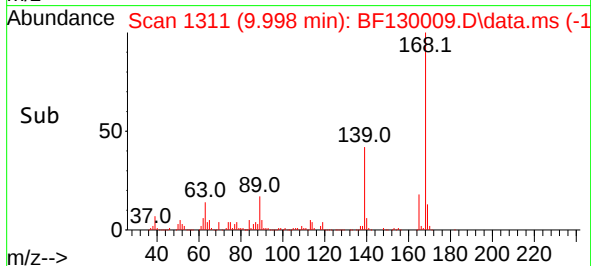
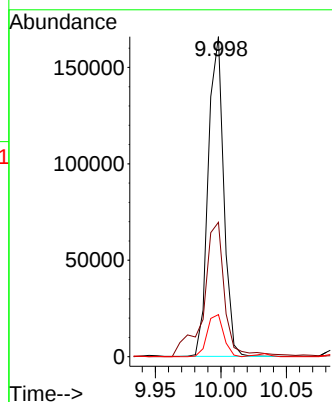
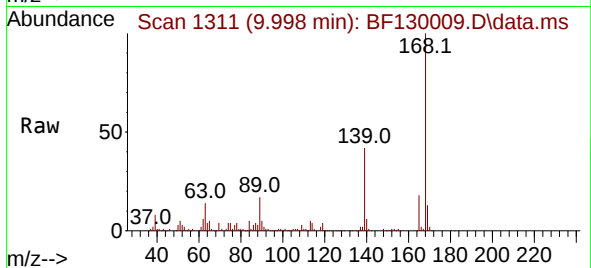




#55
Dibenzenofuran
Concen: 7.914 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

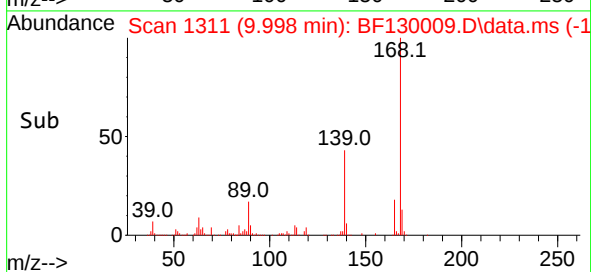
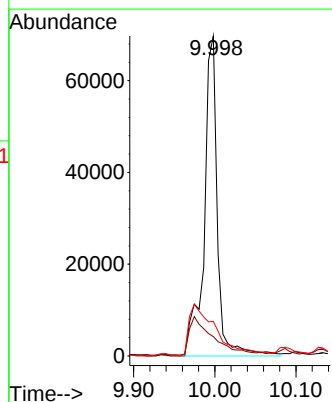
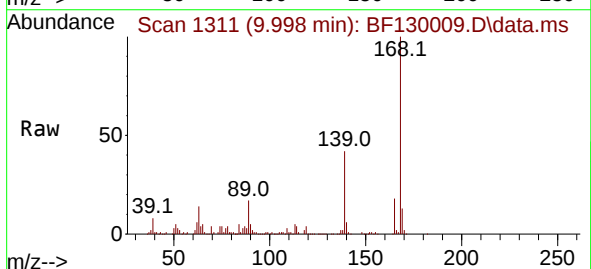
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

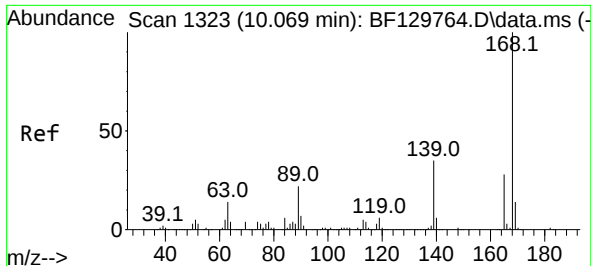
Tgt Ion:168 Resp: 136143
Ion Ratio Lower Upper
168 100
139 42.0 31.3 46.9
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 49.922 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.041 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:139 Resp: 79085
Ion Ratio Lower Upper
139 100
109 6.1 52.9 92.9#
65 10.8 79.5 119.5#

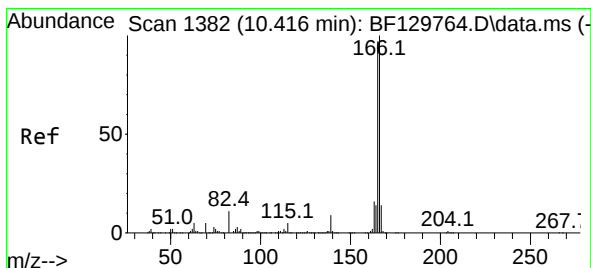
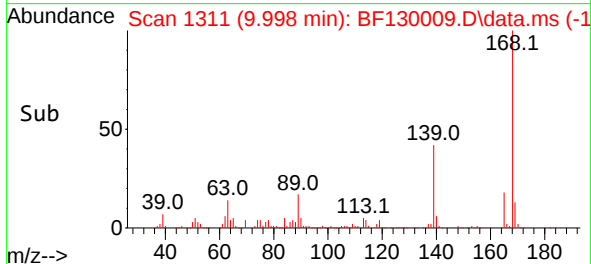
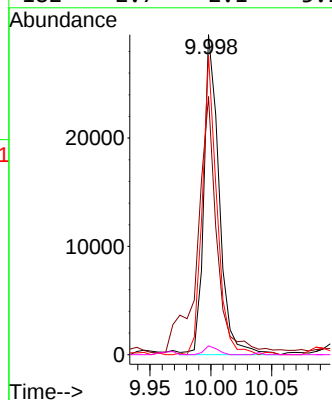
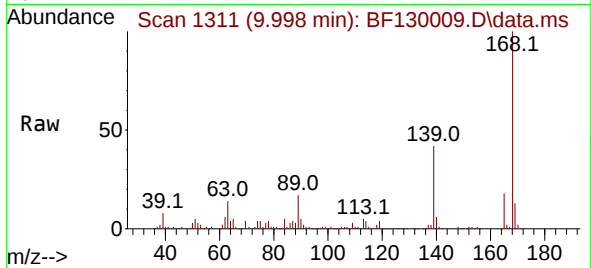




#57
2,4-Dinitrotoluene
Concen: 6.197 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

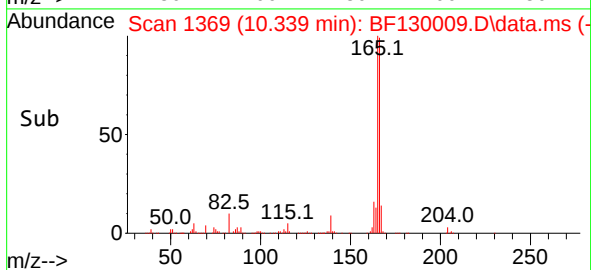
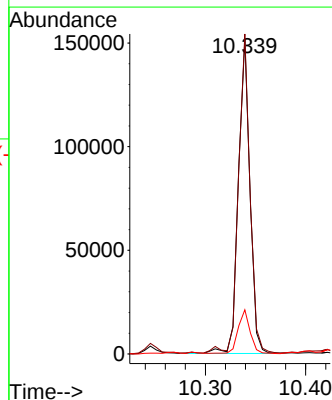
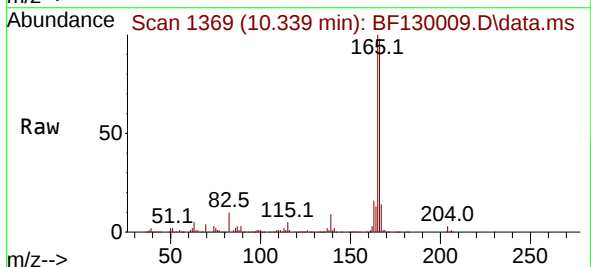
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

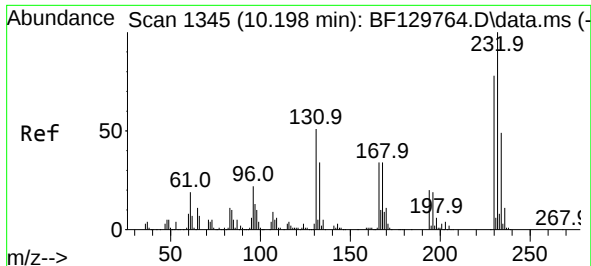
Tgt Ion:165	Resp:	25905
Ion Ratio	Lower	Upper
165	100	
63	80.6	48.4 72.6#
89	93.6	62.3 93.5#
182	2.7	2.1 3.1



#58
Fluorene
Concen: 8.520 ng
RT: 10.339 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:166	Resp:	122385
Ion Ratio	Lower	Upper
166	100	
165	101.6	77.9 116.9
167	14.0	11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.267 ng

RT: 10.128 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130009.D

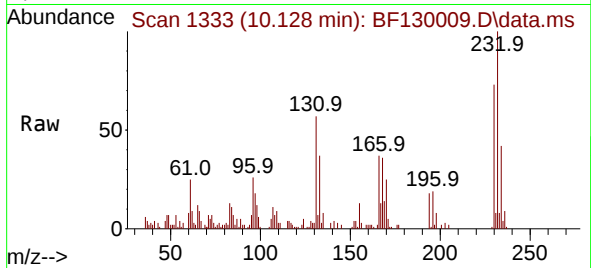
Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD



Tgt Ion:232 Resp: 18514

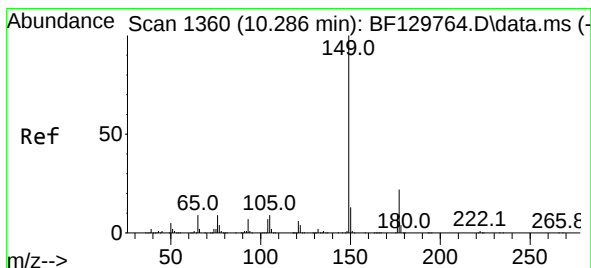
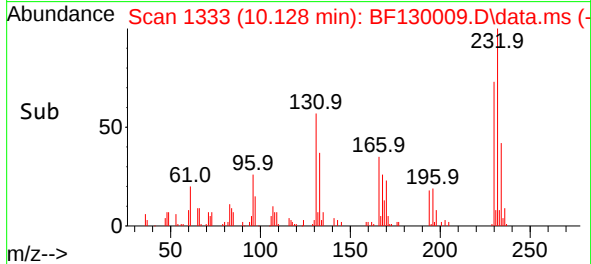
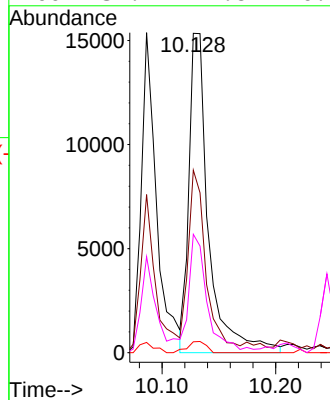
Ion Ratio Lower Upper

232 100

131 50.4 29.9 44.9#

130 3.3 1.5 2.3#

166 32.1 17.8 26.8#



#60

Diethylphthalate

Concen: 7.568 ng

RT: 10.204 min Scan# 1346

Delta R.T. -0.012 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

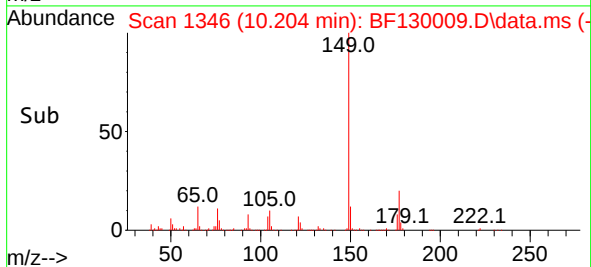
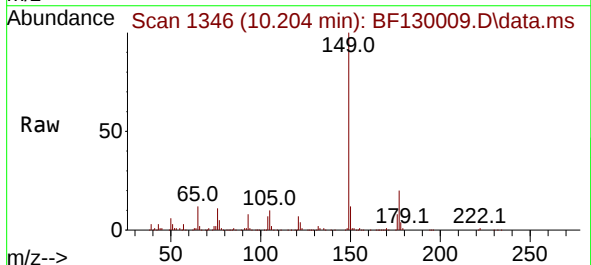
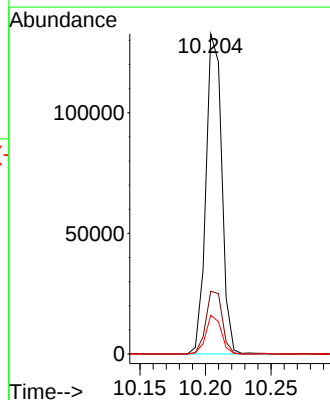
Tgt Ion:149 Resp: 112009

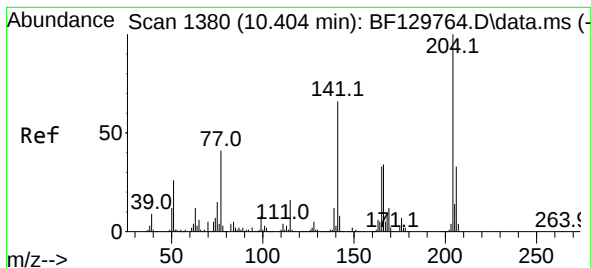
Ion Ratio Lower Upper

149 100

177 19.6 17.7 26.5

150 12.1 10.1 15.1

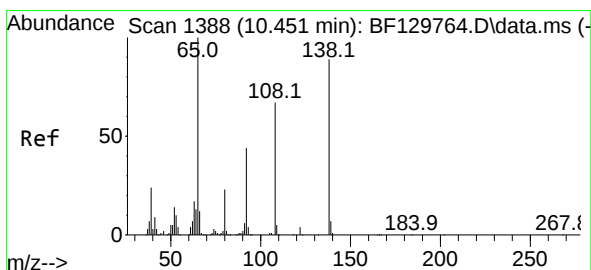
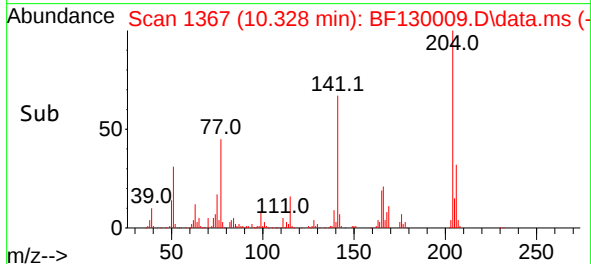
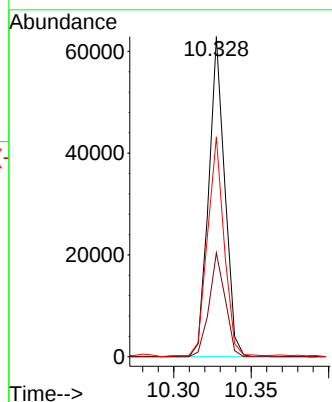
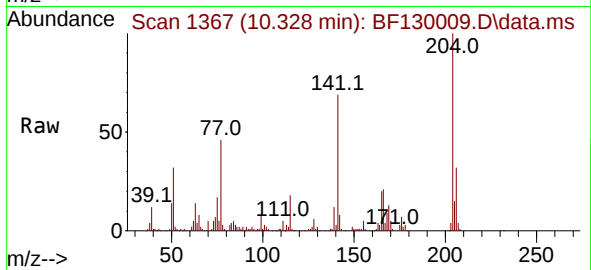




#61
4-Chlorophenyl-phenylether
Concen: 7.055 ng
RT: 10.328 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

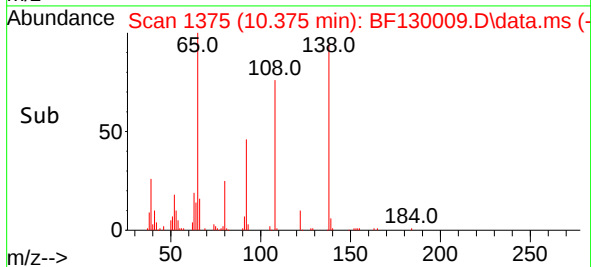
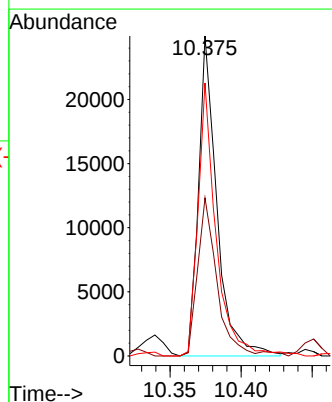
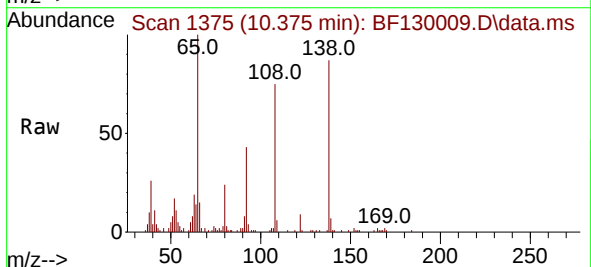
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

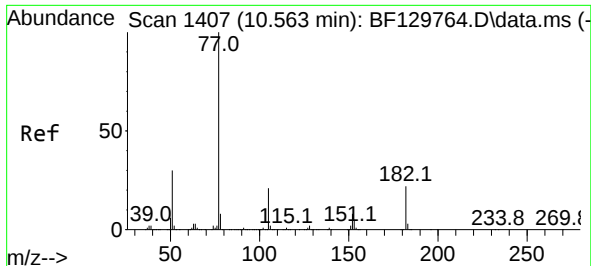
Tgt Ion:204 Resp: 45480
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 68.7 52.6 79.0



#62
4-Nitroaniline
Concen: 6.265 ng
RT: 10.375 min Scan# 1375
Delta R.T. -0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:138 Resp: 22508
Ion Ratio Lower Upper
138 100
92 49.4 30.3 70.3
108 85.3 55.7 95.7

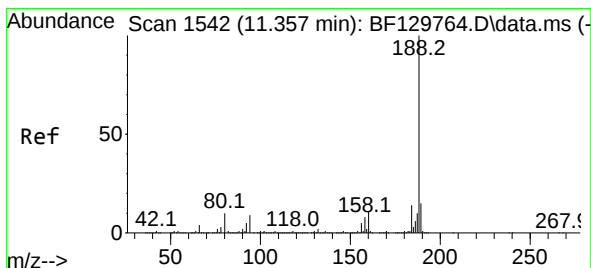
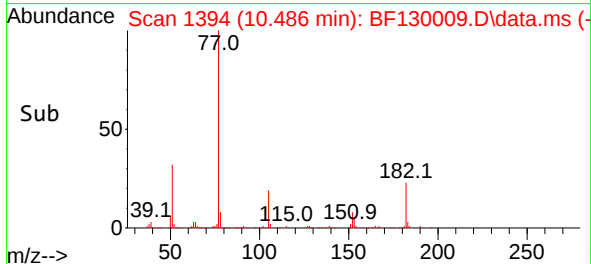
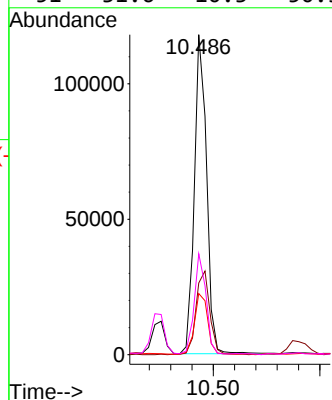
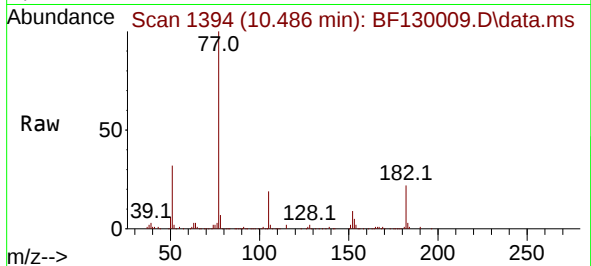




#63
Azobenzene
Concen: 6.662 ng
RT: 10.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

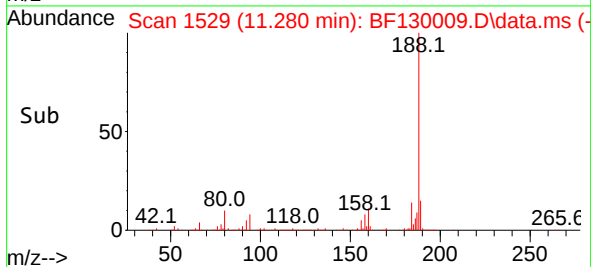
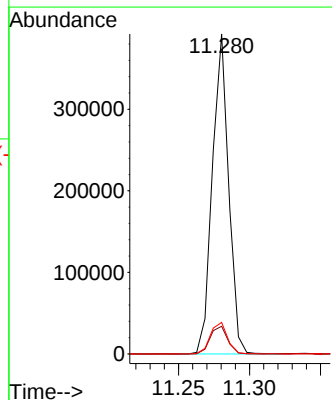
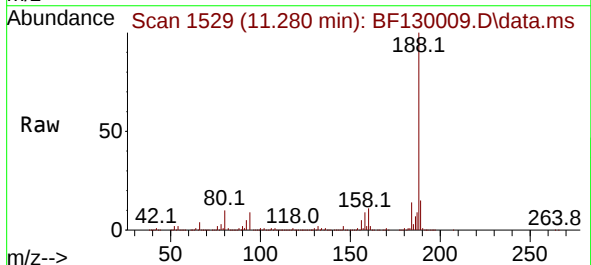
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

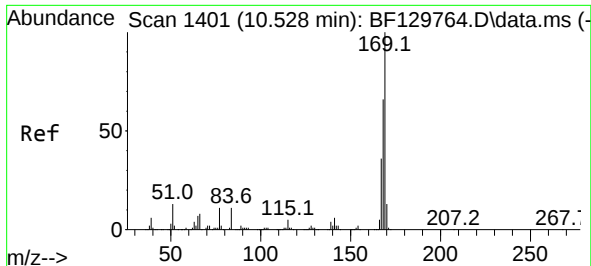
Tgt Ion: 77	Resp: 94252
Ion Ratio	Lower Upper
77 100	
182 22.4	2.2 42.2
105 19.1	0.8 40.8
51 31.6	10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion: 188	Resp: 313368
Ion Ratio	Lower Upper
188 100	
94 8.7	7.4 11.2
80 9.8	7.9 11.9

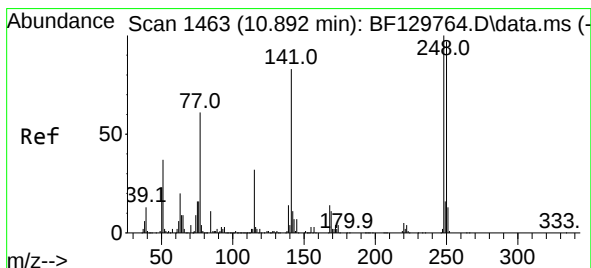
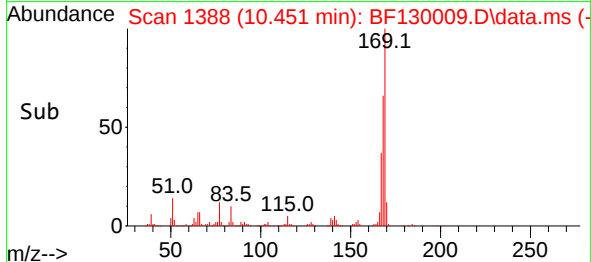
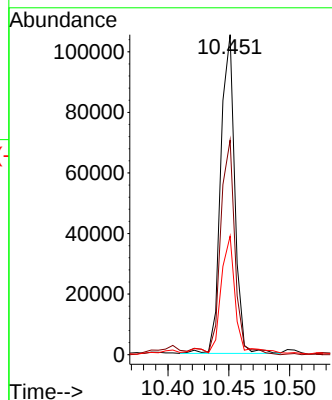
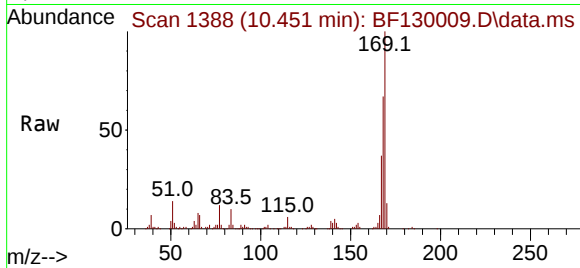




#66
n-Nitrosodiphenylamine
Concen: 7.997 ng
RT: 10.451 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

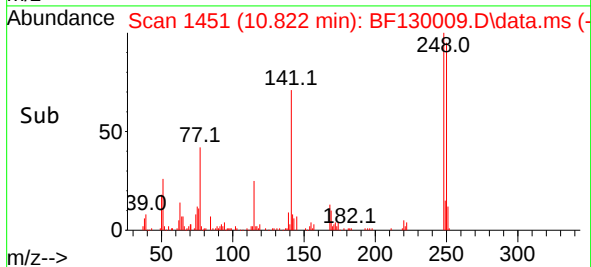
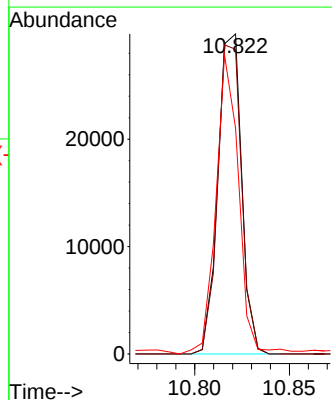
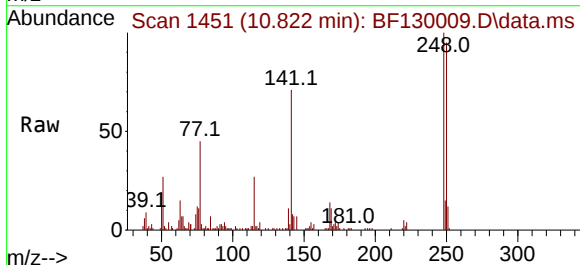
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

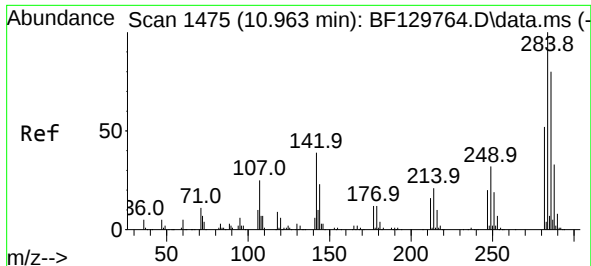
Tgt Ion:169 Resp: 84582
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 37.1 29.1 43.7



#67
4-Bromophenyl-phenylether
Concen: 7.077 ng
RT: 10.822 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:248 Resp: 25975
Ion Ratio Lower Upper
248 100
250 95.2 77.8 116.6
141 70.6 66.2 99.2

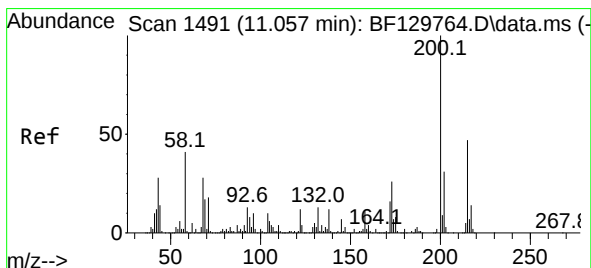
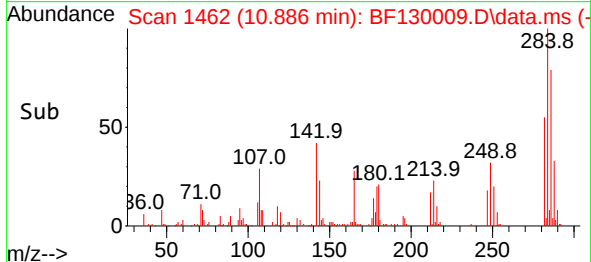
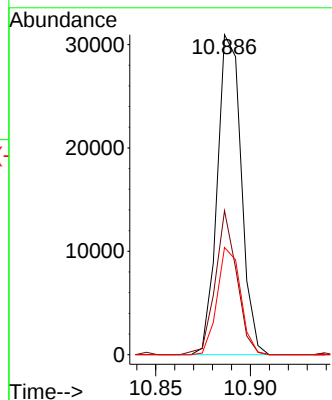
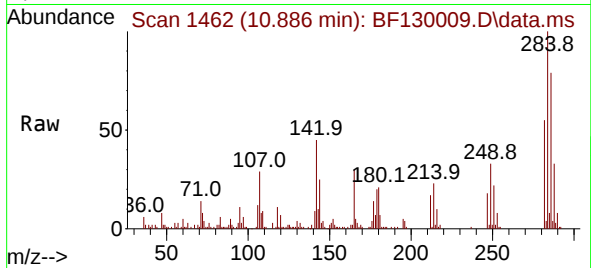




#68
Hexachlorobenzene
Concen: 6.863 ng
RT: 10.886 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

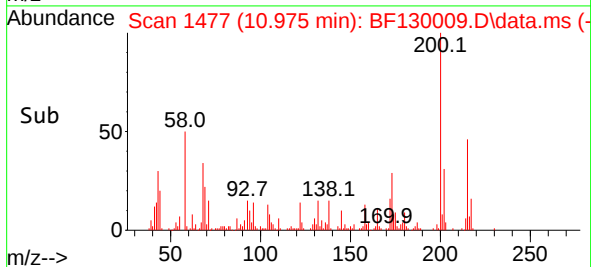
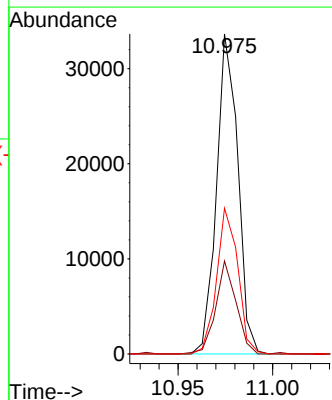
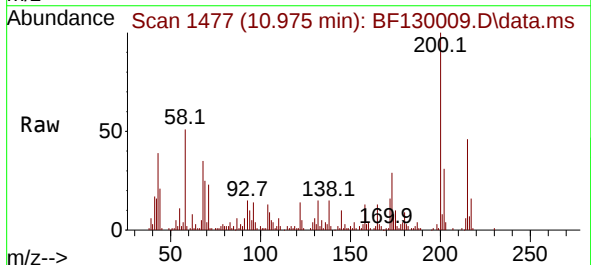
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

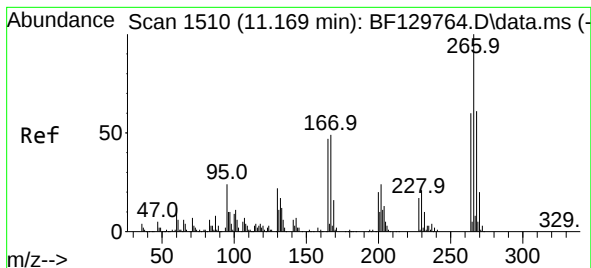
Tgt Ion:284 Resp: 27285
Ion Ratio Lower Upper
284 100
142 45.0 31.4 47.0
249 33.5 25.7 38.5



#69
Atrazine
Concen: 8.114 ng
RT: 10.975 min Scan# 1477
Delta R.T. -0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:200 Resp: 26340
Ion Ratio Lower Upper
200 100
173 29.1 6.4 46.4
215 45.5 27.1 67.1





#70

Pentachlorophenol

Concen: 14.520 ng

RT: 11.104 min Scan# 1499

Delta R.T. 0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

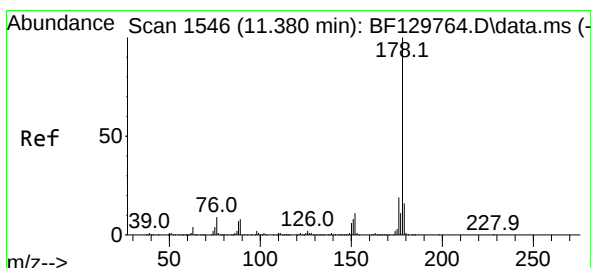
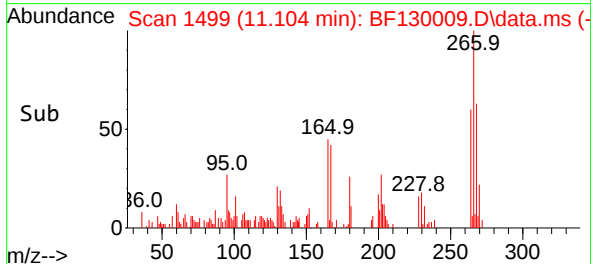
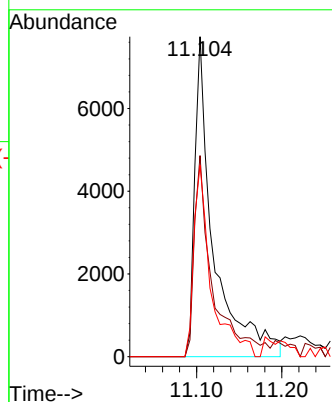
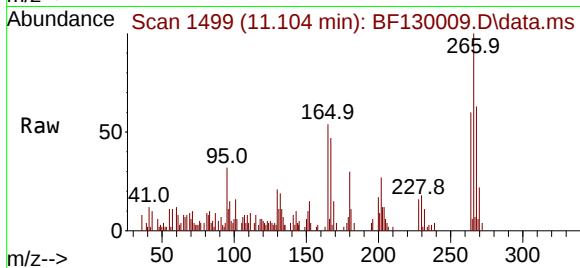
Tgt Ion:266 Resp: 11900

Ion Ratio Lower Upper

266 100

268 62.8 49.0 73.4

264 59.9 47.9 71.9



#71

Phenanthrene

Concen: 21.089 ng

RT: 11.304 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

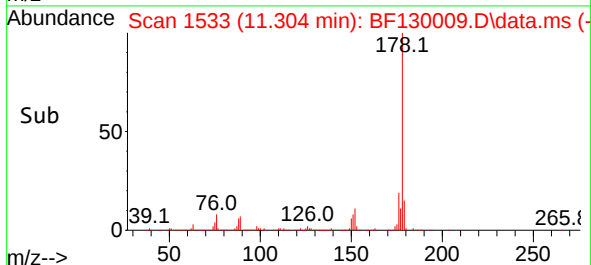
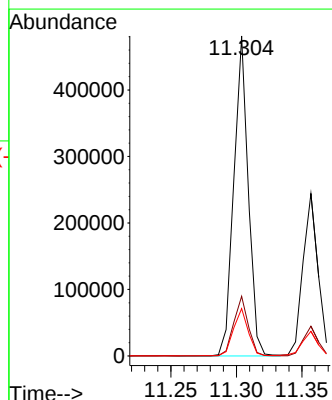
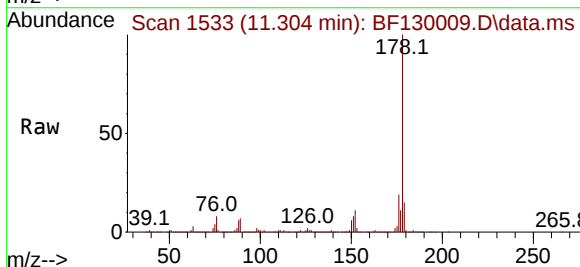
Tgt Ion:178 Resp: 369081

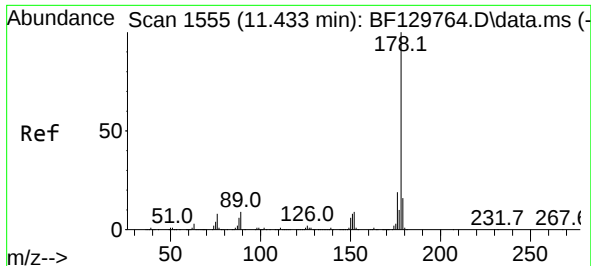
Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

179 14.8 12.5 18.7

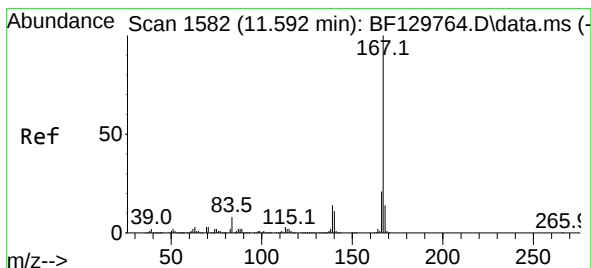
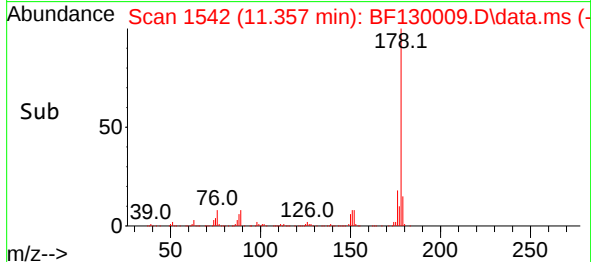
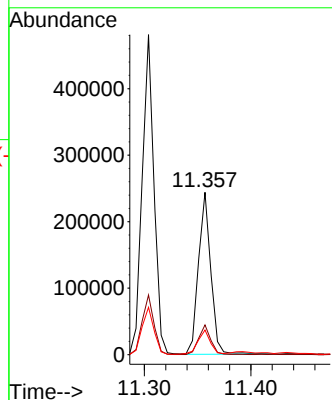
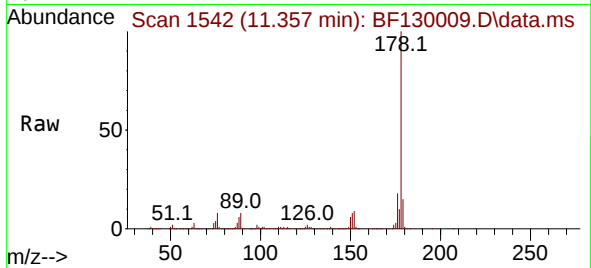




#72
 Anthracene
 Concen: 11.342 ng
 RT: 11.357 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

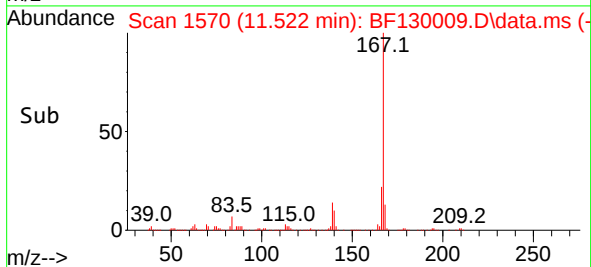
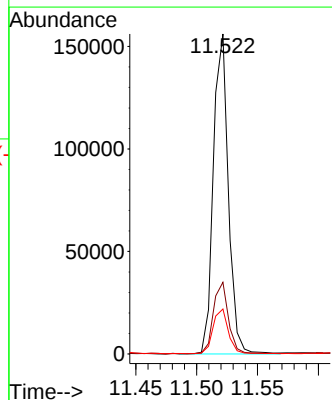
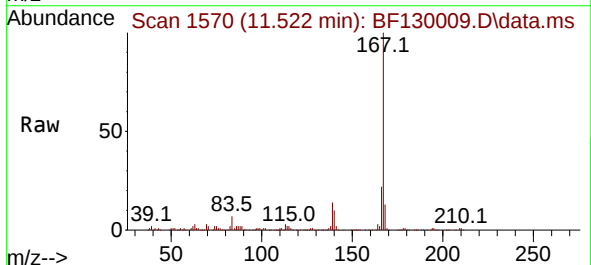
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD

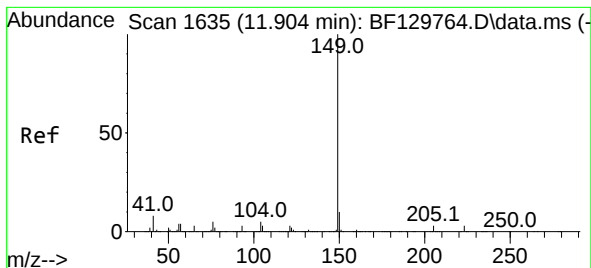
Tgt Ion:178 Resp: 197395
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 15.2 12.6 18.8



#73
 Carbazole
 Concen: 8.450 ng
 RT: 11.522 min Scan# 1570
 Delta R.T. -0.000 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

Tgt Ion:167 Resp: 133503
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.1 25.7
 139 14.1 11.0 16.6





#74

Di-n-butylphthalate

Concen: 7.630 ng

RT: 11.833 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

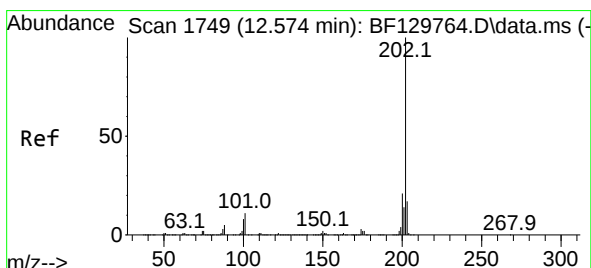
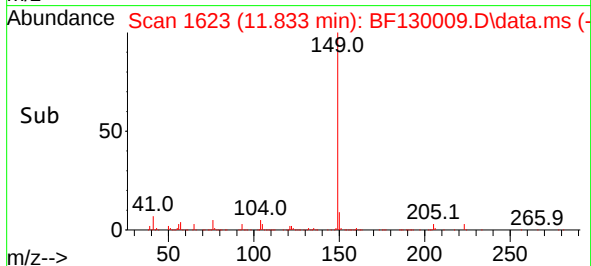
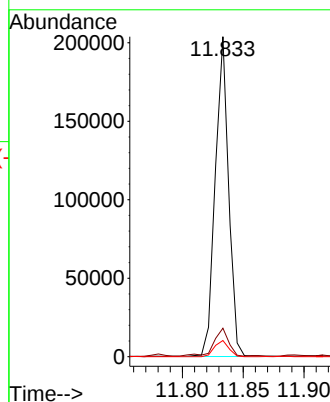
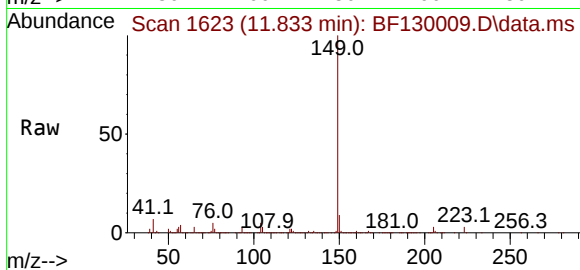
Tgt Ion:149 Resp: 155142

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

104 5.0 4.2 6.4



#75

Fluoranthene

Concen: 29.754 ng

RT: 12.498 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

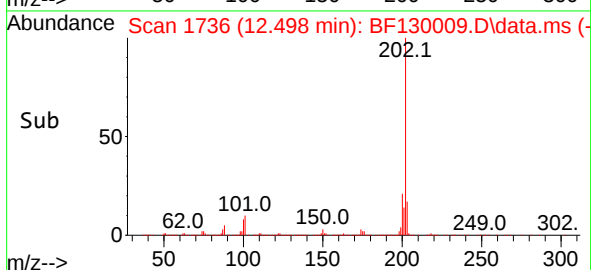
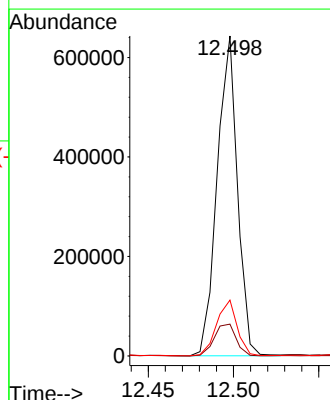
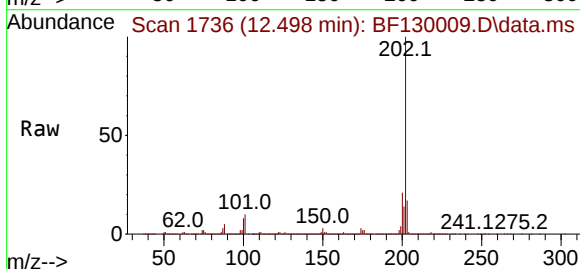
Tgt Ion:202 Resp: 532867

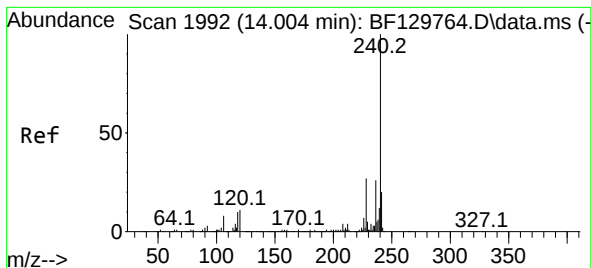
Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.7

203 17.5 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

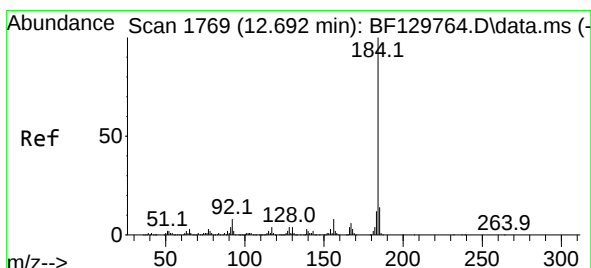
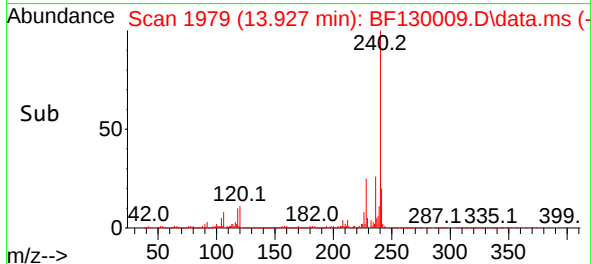
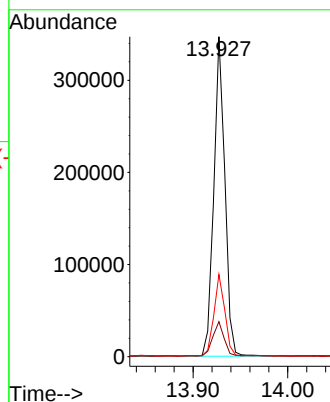
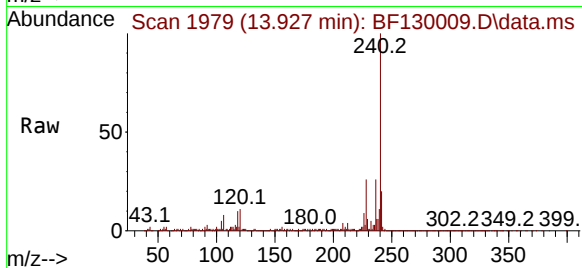
Tgt Ion:240 Resp: 281205

Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

236 25.7 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.627 min Scan# 1758

Delta R.T. 0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

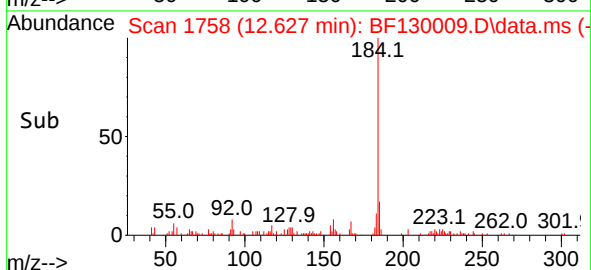
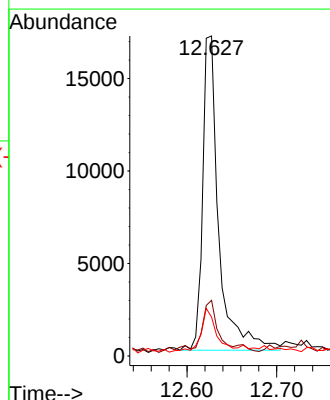
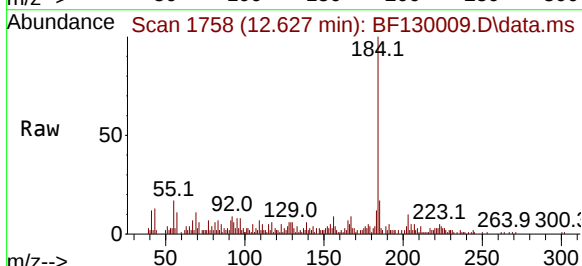
Tgt Ion:184 Resp: 21205

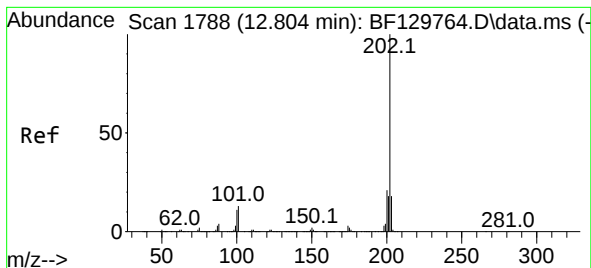
Ion Ratio Lower Upper

184 100

185 17.4 11.4 17.2#

183 12.2 9.4 14.2





#78

Pyrene

Concen: 21.358 ng

RT: 12.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

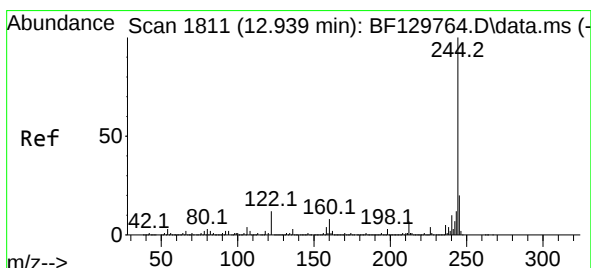
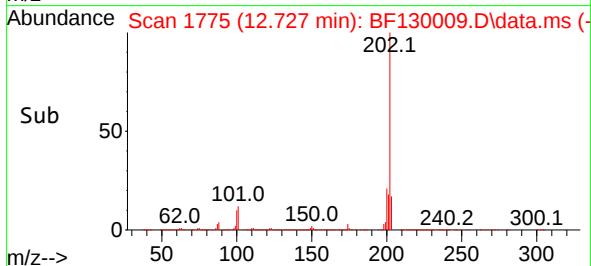
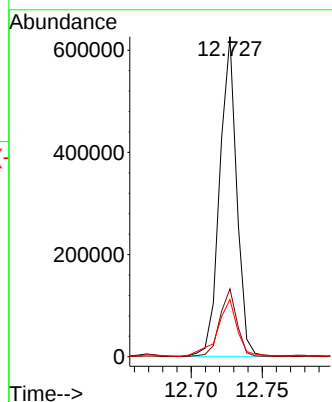
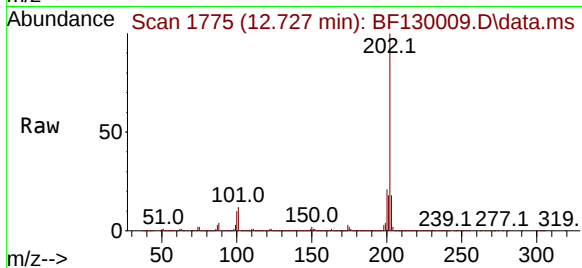
Tgt Ion:202 Resp: 521921

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

203 17.9 14.1 21.1



#79

Terphenyl-d14

Concen: 10.211 ng

RT: 12.857 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

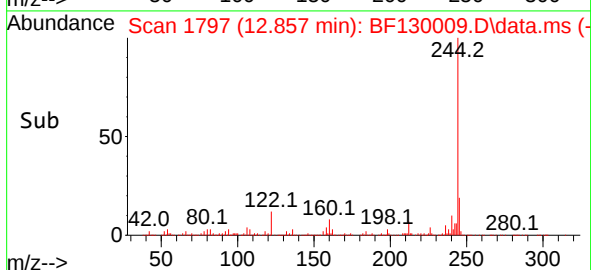
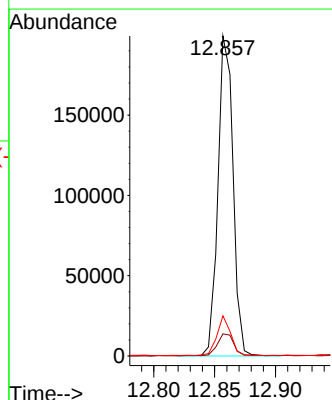
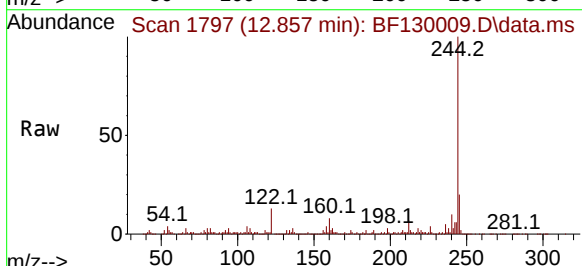
Tgt Ion:244 Resp: 172570

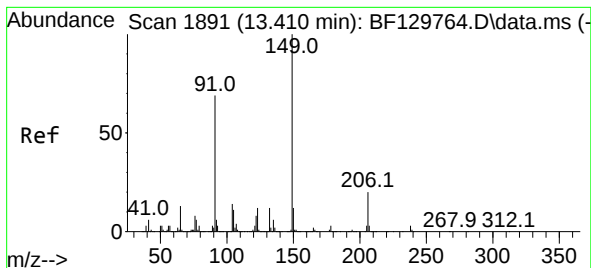
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 12.6 9.9 14.9





#80

Butylbenzylphthalate

Concen: 6.987 ng

RT: 13.333 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

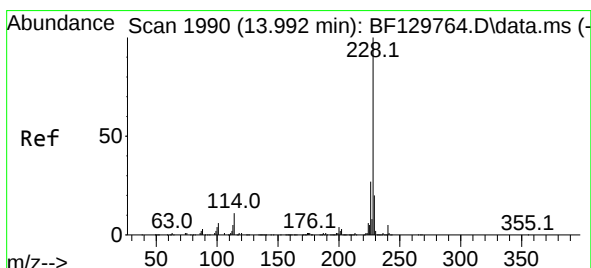
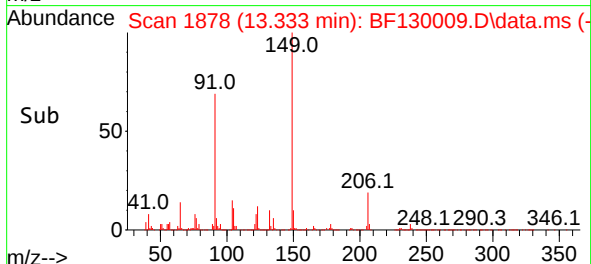
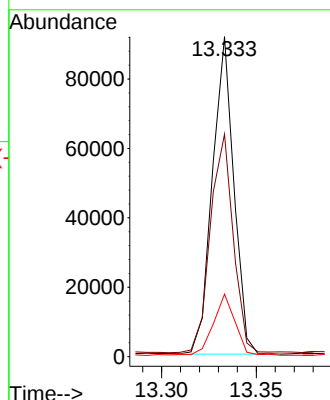
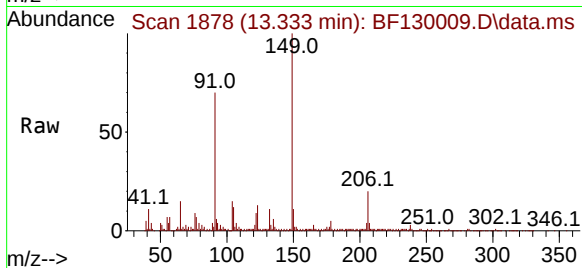
Tgt Ion:149 Resp: 72249

Ion Ratio Lower Upper

149 100

91 69.6 55.4 83.0

206 19.6 15.8 23.6



#81

Benzo(a)anthracene

Concen: 16.860 ng

RT: 13.916 min Scan# 1977

Delta R.T. -0.000 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

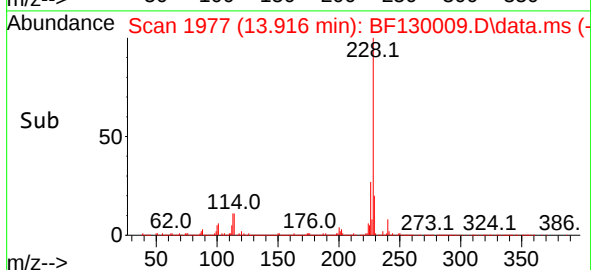
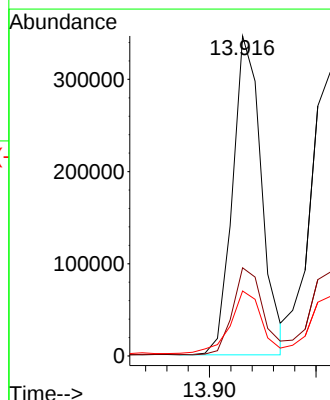
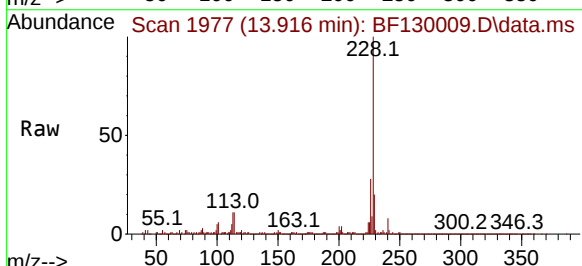
Tgt Ion:228 Resp: 326140

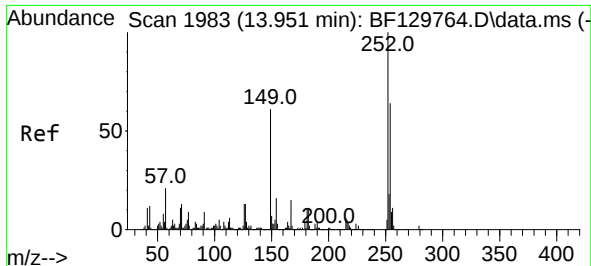
Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.0

229 20.3 16.1 24.1

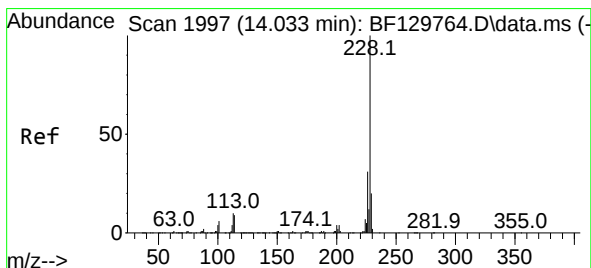
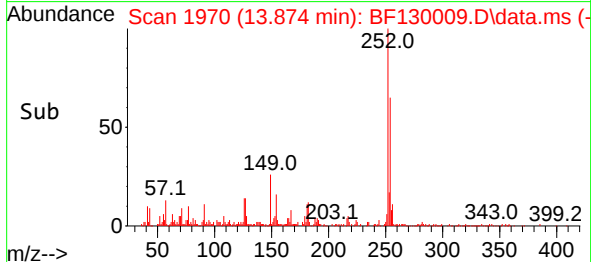
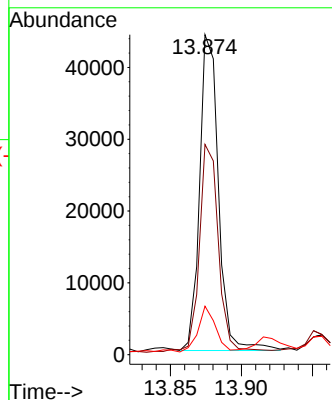
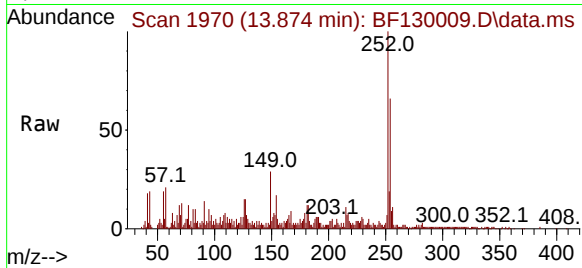




#82
3,3'-Dichlorobenzidine
Concen: 6.806 ng
RT: 13.874 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

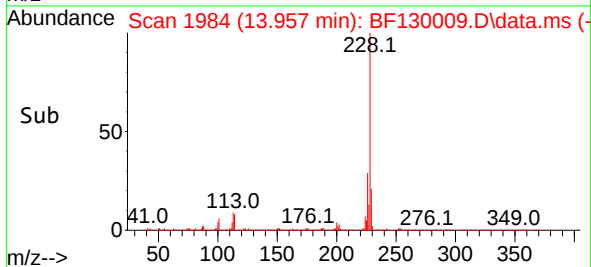
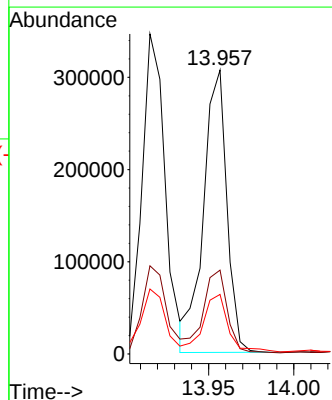
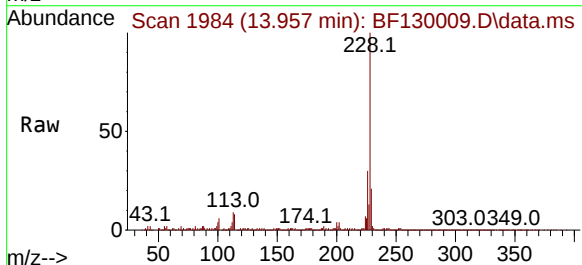
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

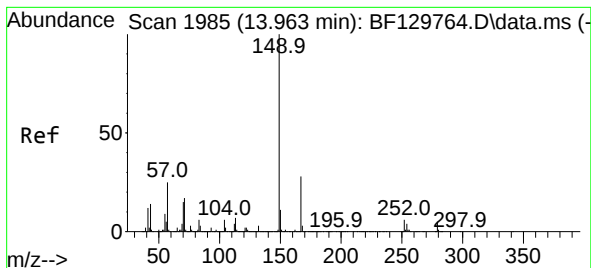
Tgt Ion:252 Resp: 40774
Ion Ratio Lower Upper
252 100
254 65.7 51.4 77.2
126 15.1 10.2 15.4



#83
Chrysene
Concen: 16.114 ng
RT: 13.957 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:228 Resp: 291790
Ion Ratio Lower Upper
228 100
226 29.5 24.4 36.6
229 21.0 15.9 23.9

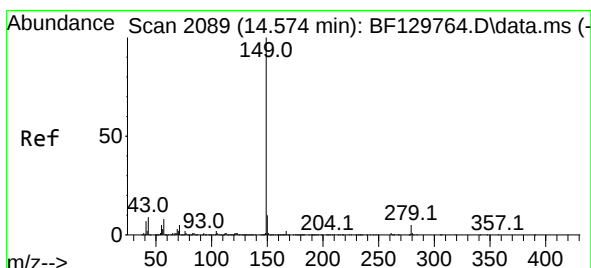
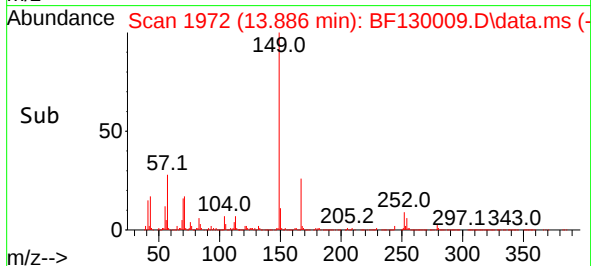
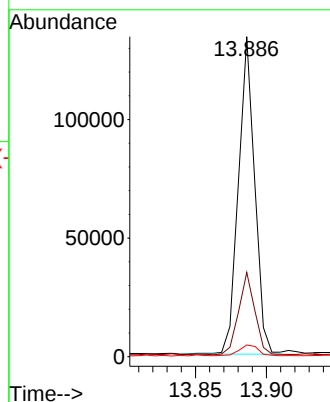
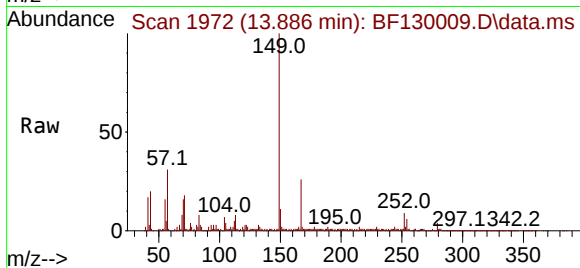




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.719 ng
RT: 13.886 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

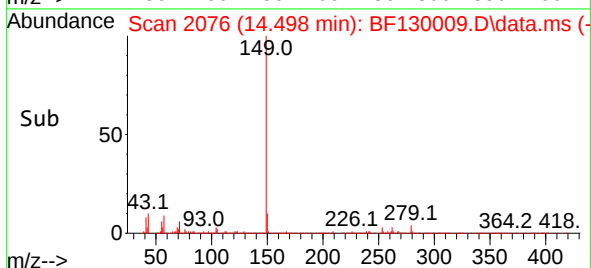
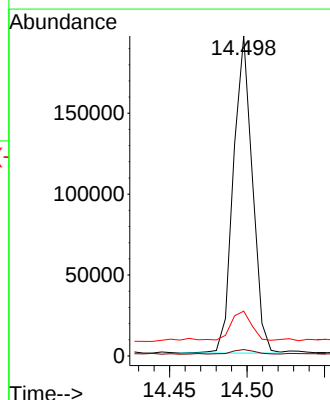
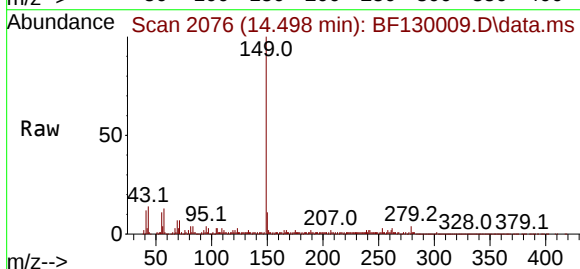
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

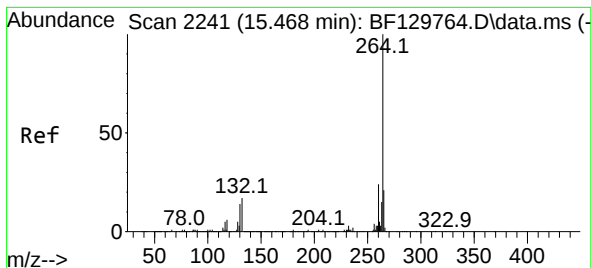
Tgt Ion:149 Resp: 106957
Ion Ratio Lower Upper
149 100
167 26.4 22.0 33.0
279 3.6 3.6 5.4



#85
Di-n-octyl phthalate
Concen: 9.871 ng
RT: 14.498 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:149 Resp: 167165
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9#
43 9.6 7.8 11.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.374 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

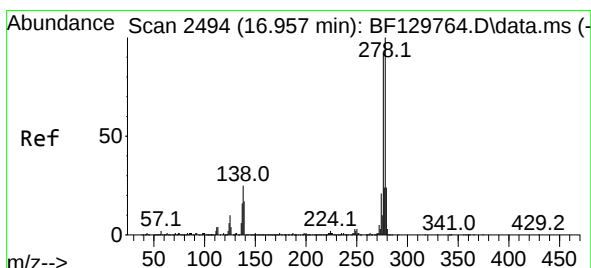
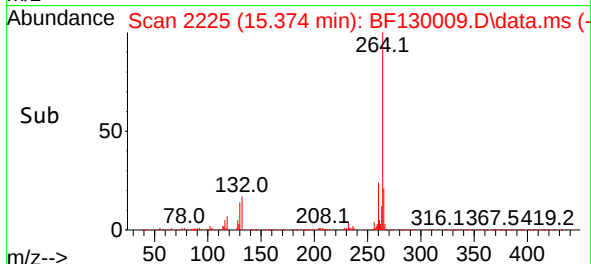
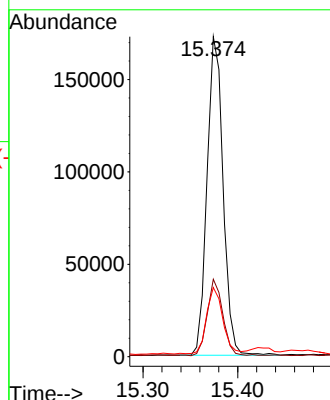
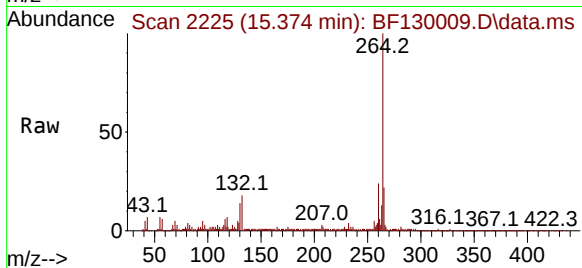
Tgt Ion:264 Resp: 202910

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.6 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 10.996 ng

RT: 16.821 min Scan# 2471

Delta R.T. 0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

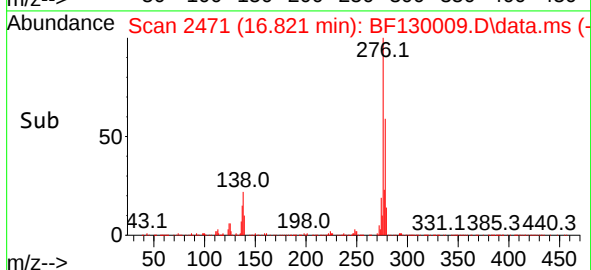
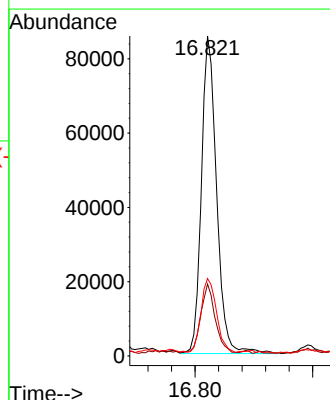
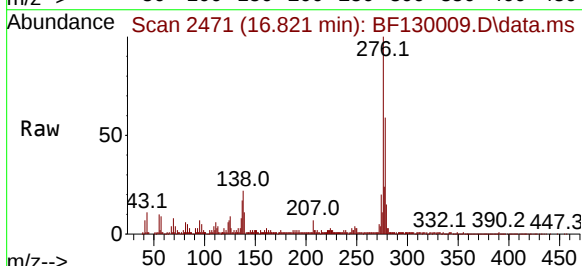
Tgt Ion:276 Resp: 153171

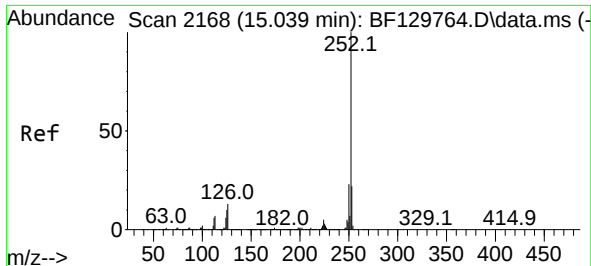
Ion Ratio Lower Upper

276 100

138 20.9 19.8 29.8

277 23.5 20.4 30.6

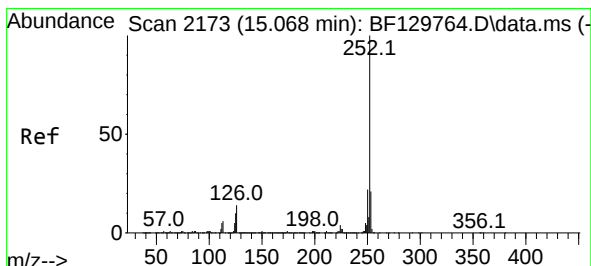
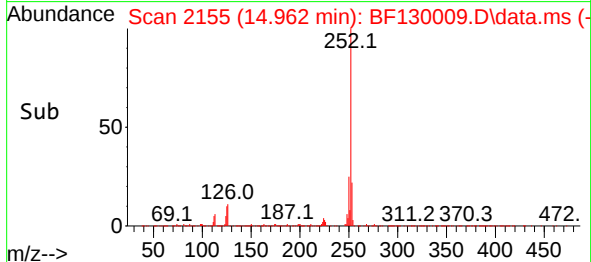
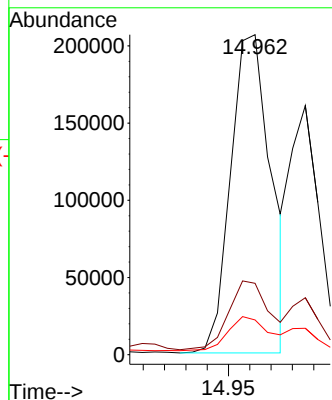
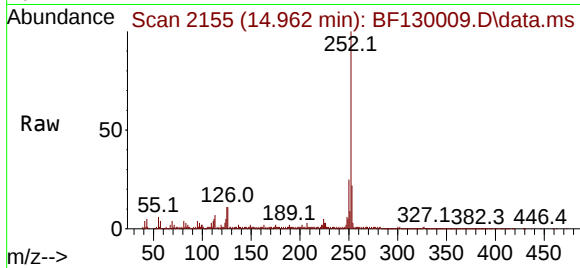




#88
Benzo(b)fluoranthene
Concen: 19.502 ng
RT: 14.962 min Scan# 2155
Delta R.T. 0.012 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

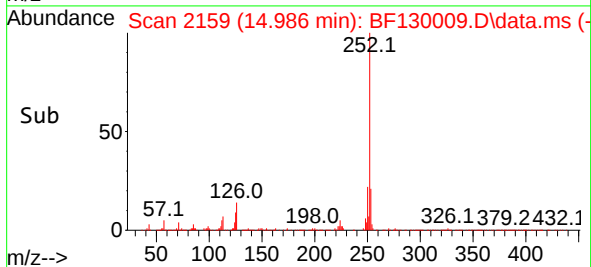
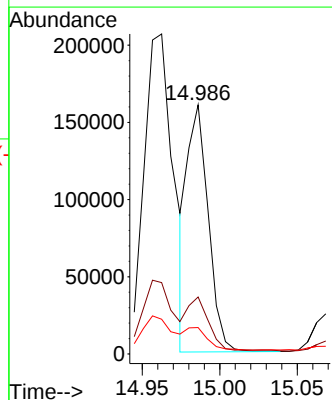
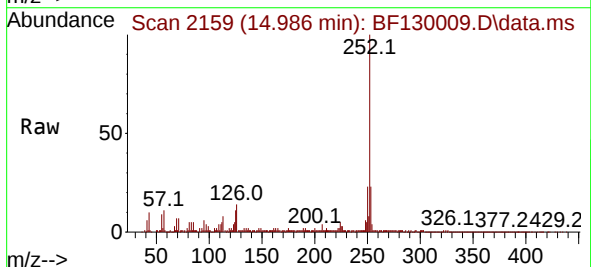
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MSD

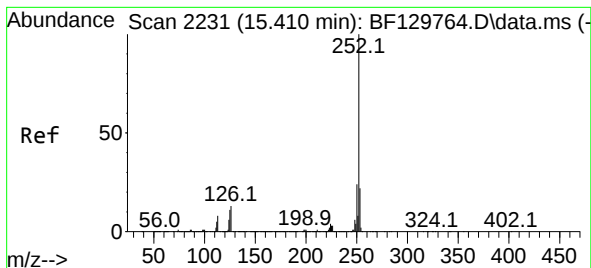
Tgt Ion:252 Resp: 270969
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.8 8.3 12.5



#89
Benzo(k)fluoranthene
Concen: 11.393 ng
RT: 14.986 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BF130009.D
Acq: 25 Aug 2022 20:34

Tgt Ion:252 Resp: 151805
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 10.6 8.3 12.5





#90

Benzo(a)pyrene

Concen: 17.789 ng

RT: 15.315 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MSD

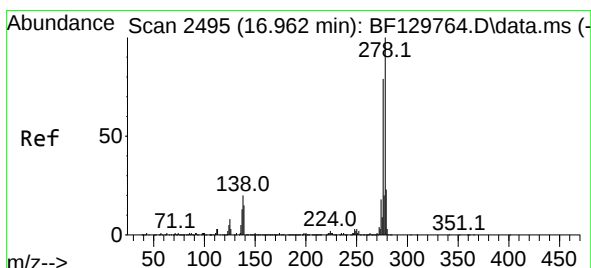
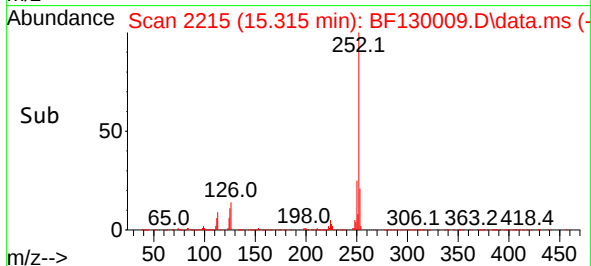
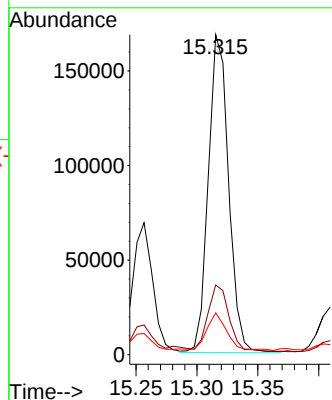
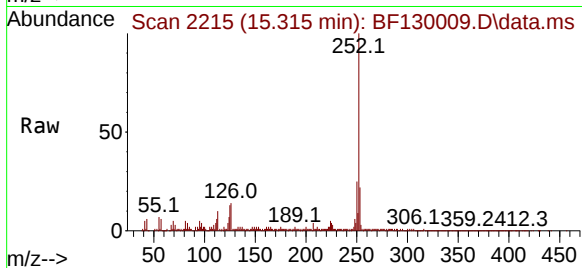
Tgt Ion:252 Resp: 194644

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 13.1 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 7.995 ng

RT: 16.821 min Scan# 2471

Delta R.T. 0.006 min

Lab File: BF130009.D

Acq: 25 Aug 2022 20:34

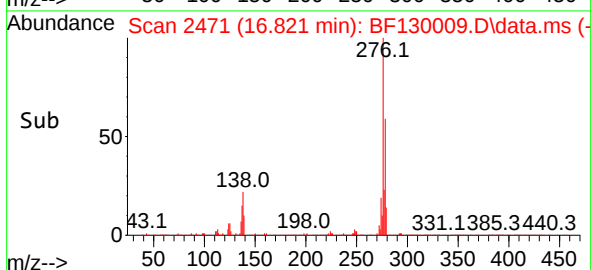
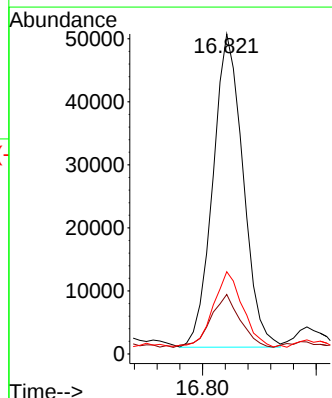
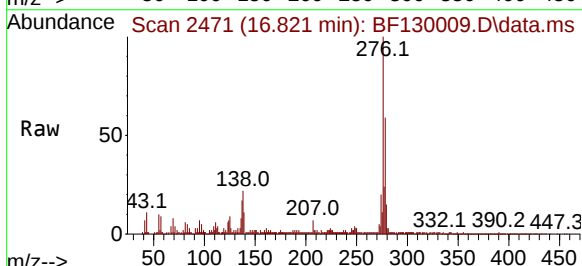
Tgt Ion:278 Resp: 91895

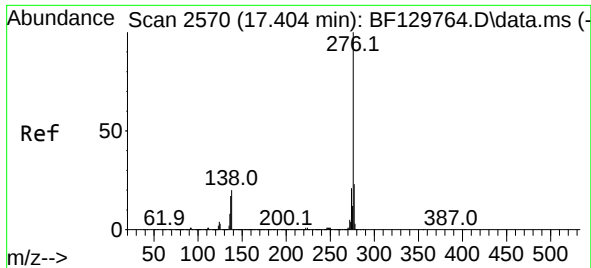
Ion Ratio Lower Upper

278 100

139 18.6 12.2 18.4#

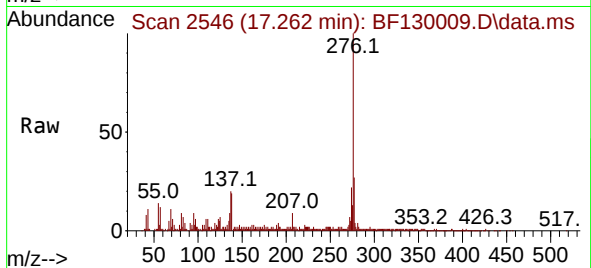
279 25.7 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 11.265 ng
 RT: 17.262 min Scan# 2546
 Delta R.T. 0.018 min
 Lab File: BF130009.D
 Acq: 25 Aug 2022 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MSD



Tgt Ion:276 Resp: 129172

Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.2	27.4
138	18.9	15.8	23.8

