

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
 Data File : BF131489.D
 Acq On : 01 Dec 2022 14:22
 Operator : CG\JU
 Sample : N5806-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

Quant Time: Dec 02 03:26:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 12:46:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.946	152	77370	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	277580	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	182466	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	360052	20.000	ng	0.00
76) Chrysene-d12	14.157	240	207595	20.000	ng	0.00
86) Perylene-d12	15.686	264	193078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	601309	147.915	ng	0.02
7) Phenol-d6	6.575	99	717005	138.238	ng	0.00
23) Nitrobenzene-d5	7.516	82	542623	98.540	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	308562	201.004	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1054759	84.097	ng	0.00
79) Terphenyl-d14	13.092	244	1329272	104.709	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.969	88	80825	41.704	ng	# 81
3) Pyridine	3.663	79	207178	38.498	ng	91
4) n-Nitrosodimethylamine	3.610	42	150489	47.419	ng	92
6) Aniline	6.604	93	171601	25.244	ng	98
8) 2-Chlorophenol	6.728	128	260610	56.586	ng	98
9) Benzaldehyde	6.498	77	74540	20.295	ng	89
10) Phenol	6.587	94	277800	48.307	ng	99
11) bis(2-Chloroethyl)ether	6.681	93	254667	52.856	ng	97
12) 1,3-Dichlorobenzene	6.887	146	263716	48.045	ng	99
13) 1,4-Dichlorobenzene	6.963	146	271059	48.599	ng	99
14) 1,2-Dichlorobenzene	7.116	146	248831	48.453	ng	98
15) Benzyl Alcohol	7.087	79	218431	51.361	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.216	45	417790	45.341	ng	94
17) 2-Methylphenol	7.198	107	212992	54.260	ng	99
18) Hexachloroethane	7.457	117	102308	51.277	ng	97
19) n-Nitroso-di-n-propyla...	7.363	70	185964	48.977	ng	93
20) 3+4-Methylphenols	7.198	107	213007	42.500	ng	81
22) Acetophenone	7.357	105	353774	50.070	ng	97
24) Nitrobenzene	7.534	77	272123	47.431	ng	97
25) Isophorone	7.769	82	498028	50.694	ng	99
26) 2-Nitrophenol	7.845	139	129323	66.696	ng	96
27) 2,4-Dimethylphenol	7.881	122	220519	57.901	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	311155	55.763	ng	99
29) 2,4-Dichlorophenol	8.087	162	241099	58.361	ng	98
30) 1,2,4-Trichlorobenzene	8.175	180	268114	52.390	ng	99
31) Naphthalene	8.257	128	706465	47.760	ng	99
32) Benzoic acid	8.004	122	149321	58.151	ng	96
33) 4-Chloroaniline	8.304	127	59836	10.254	ng	96
34) Hexachlorobutadiene	8.369	225	160665	48.482	ng	98
35) Caprolactam	8.681	113	34218	31.520	ng	# 84
36) 4-Chloro-3-methylphenol	8.792	107	226945	52.876	ng	98
37) 2-Methylnaphthalene	8.951	142	481263	48.018	ng	100
38) 1-Methylnaphthalene	9.051	142	489279	50.343	ng	100
40) 1,2,4,5-Tetrachloroben...	9.116	216	254389	42.962	ng	99
41) Hexachlorocyclopentadiene	9.104	237	281956	105.924	ng	97
43) 2,4,6-Trichlorophenol	9.228	196	179131	53.328	ng	97

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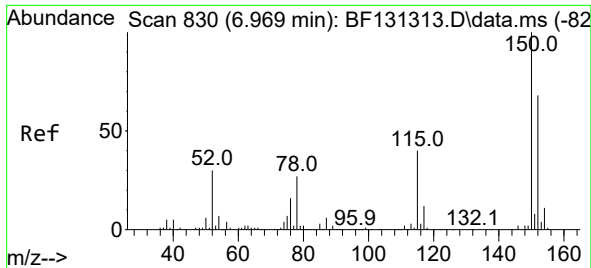
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	183306	48.530	ng	98
46) 1,1'-Biphenyl	9.422	154	618197	44.397	ng	100
47) 2-Chloronaphthalene	9.445	162	503321	45.060	ng	100
48) 2-Nitroaniline	9.545	65	162796	48.001	ng	96
49) Acenaphthylene	9.863	152	732934	43.044	ng	99
50) Dimethylphthalate	9.722	163	589422	46.363	ng	99
51) 2,6-Dinitrotoluene	9.786	165	140010	55.069	ng	# 83
52) Acenaphthene	10.039	154	515282	48.327	ng	99
53) 3-Nitroaniline	9.957	138	64217	24.581	ng	100
54) 2,4-Dinitrophenol	10.063	184	157492	114.050	ng	# 85
55) Dibenzofuran	10.210	168	795520	51.860	ng	99
56) 4-Nitrophenol	10.122	139	219663	121.152	ng	90
57) 2,4-Dinitrotoluene	10.192	165	205472	64.231	ng	91
58) Fluorene	10.557	166	624737	52.184	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	188036	59.777	ng	96
60) Diethylphthalate	10.428	149	647995	53.981	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	321195	52.336	ng	98
62) 4-Nitroaniline	10.581	138	147203	56.616	ng	88
63) Azobenzene	10.704	77	640158	49.597	ng	96
65) 4,6-Dinitro-2-methylph...	10.598	198	110328	64.593	ng	85
66) n-Nitrosodiphenylamine	10.669	169	556678	48.521	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	215259	48.779	ng	95
68) Hexachlorobenzene	11.098	284	227665	48.609	ng	98
69) Atrazine	11.198	200	200916	56.878	ng	98
70) Pentachlorophenol	11.298	266	248401	90.587	ng	98
71) Phenanthrene	11.528	178	919553	47.257	ng	99
72) Anthracene	11.575	178	933681	48.825	ng	100
73) Carbazole	11.733	167	808356	49.555	ng	99
74) Di-n-butylphthalate	12.057	149	1017417	52.931	ng	99
75) Fluoranthene	12.722	202	949133	46.290	ng	99
77) Benzidine	12.839	184	167464	43.673	ng	96
78) Pyrene	12.951	202	953785	52.074	ng	100
80) Butylbenzylphthalate	13.569	149	359862	57.502	ng	93
81) Benzo(a)anthracene	14.145	228	700381	49.220	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	115532	30.597	ng	99
83) Chrysene	14.180	228	654114	46.854	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	482442	58.138	ng	# 98
85) Di-n-octyl phthalate	14.751	149	684431	56.069	ng	95
87) Indeno(1,2,3-cd)pyrene	17.262	276	770518	59.417	ng	99
88) Benzo(b)fluoranthene	15.233	252	609403	47.511	ng	99
89) Benzo(k)fluoranthene	15.263	252	614505	46.620	ng	99
90) Benzo(a)pyrene	15.621	252	547880	52.057	ng	# 97
91) Dibenzo(a,h)anthracene	17.286	278	658034	61.462	ng	99
92) Benzo(g,h,i)perylene	17.745	276	662231	61.973	ng	99

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

BNA F

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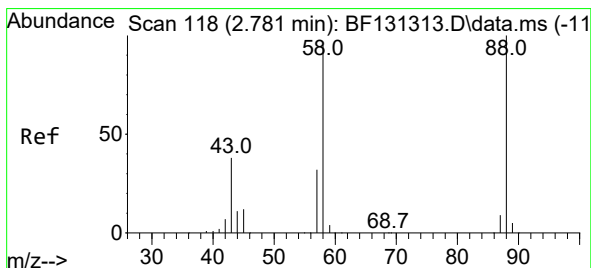
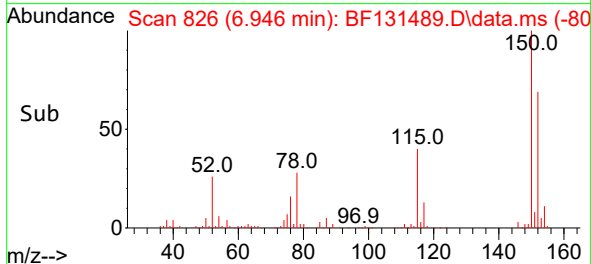
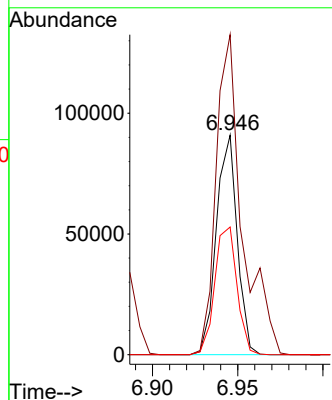
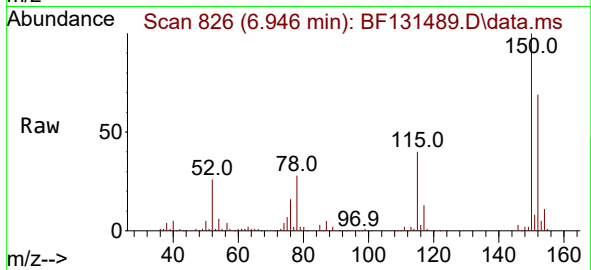
[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.946 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131489.D
 Acq: 01 Dec 2022 14:22

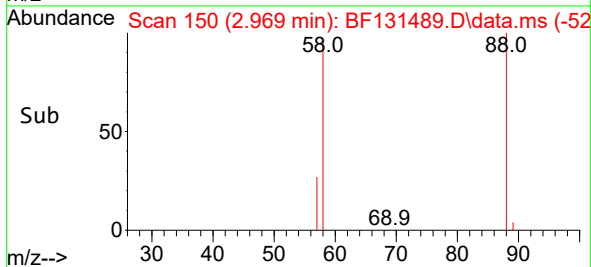
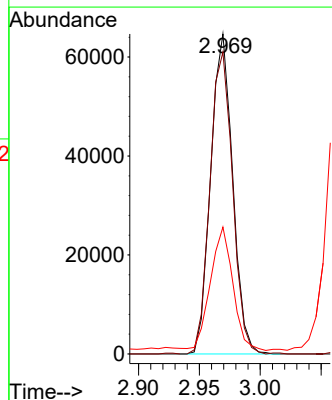
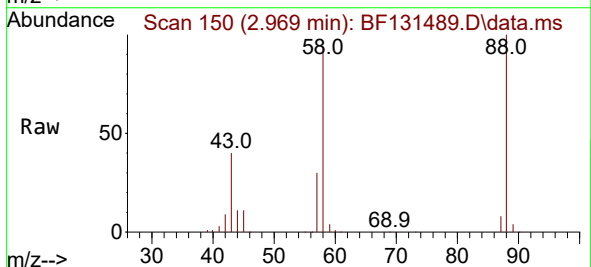
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

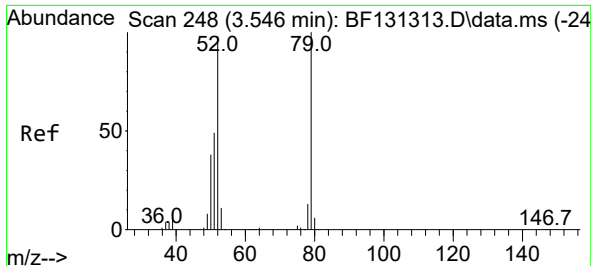
Tgt Ion:152 Resp: 77370
 Ion Ratio Lower Upper
 152 100
 150 145.8 117.8 176.8
 115 58.1 47.1 70.7



#2
 1,4-Dioxane
 Concen: 41.704 ng
 RT: 2.969 min Scan# 150
 Delta R.T. 0.224 min
 Lab File: BF131489.D
 Acq: 01 Dec 2022 14:22

Tgt Ion: 88 Resp: 80825
 Ion Ratio Lower Upper
 88 100
 58 97.5 78.2 117.4
 43 0.0 31.6 47.4#





#3

Pyridine

Concen: 38.498 ng

RT: 3.663 min Scan# 2

Delta R.T. 0.147 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

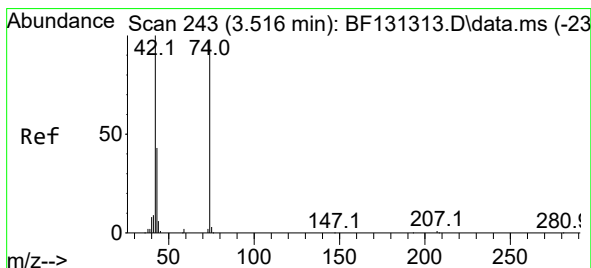
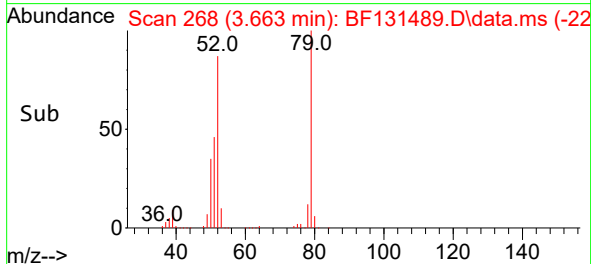
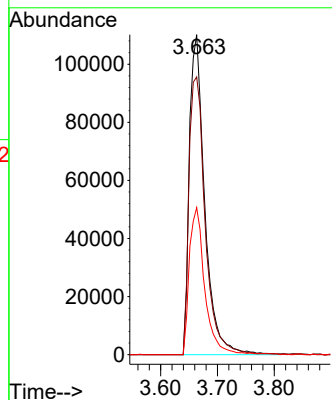
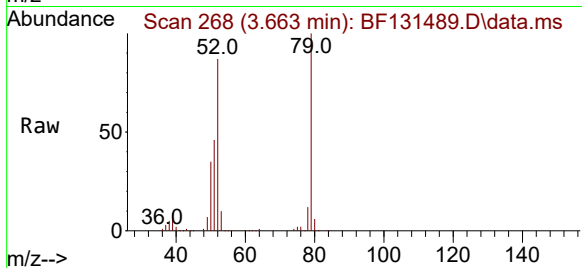
Tgt Ion: 79 Resp: 207178

Ion Ratio Lower Upper

79 100

52 86.8 78.7 118.1

51 46.0 39.3 58.9



#4

n-Nitrosodimethylamine

Concen: 47.419 ng

RT: 3.610 min Scan# 259

Delta R.T. 0.124 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

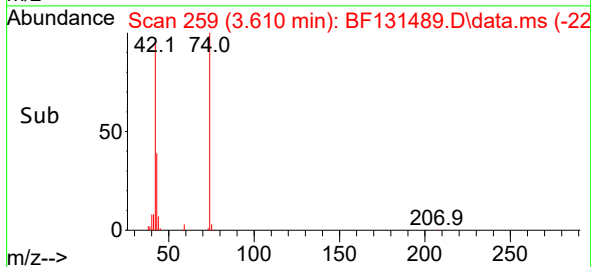
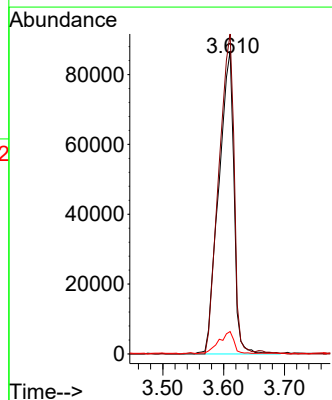
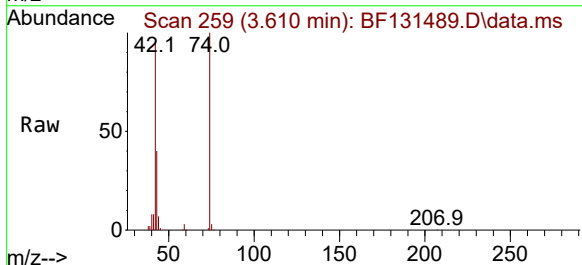
Tgt Ion: 42 Resp: 150489

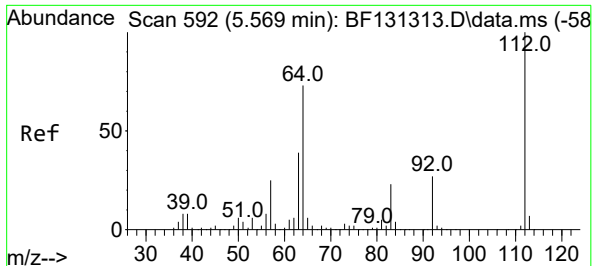
Ion Ratio Lower Upper

42 100

74 105.7 78.0 117.0

44 7.4 5.2 7.8

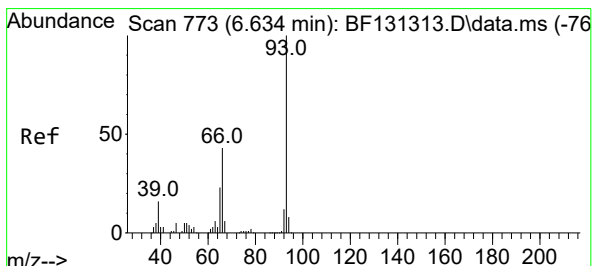
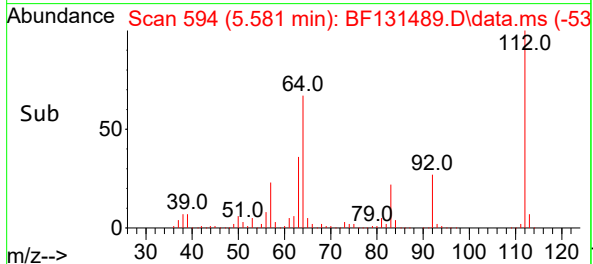
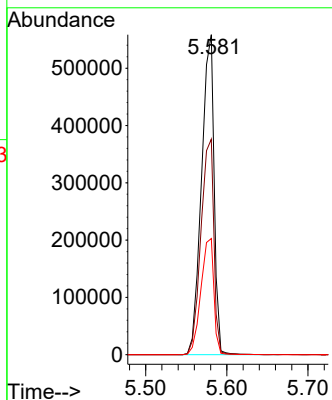
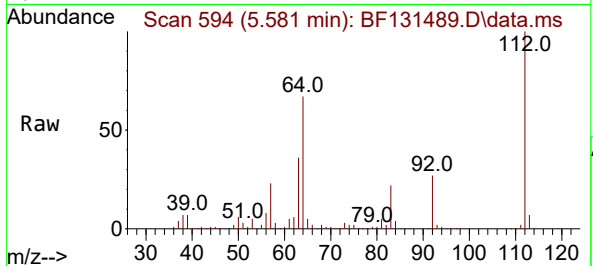




#5
2-Fluorophenol
Concen: 147.915 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.024 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

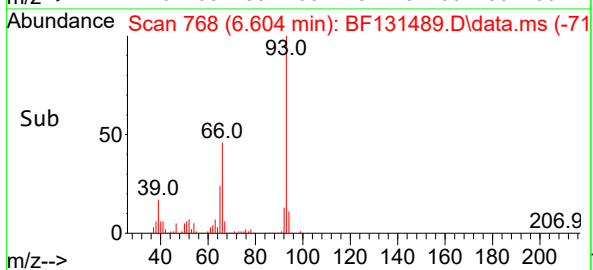
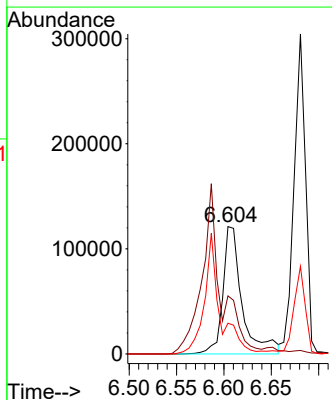
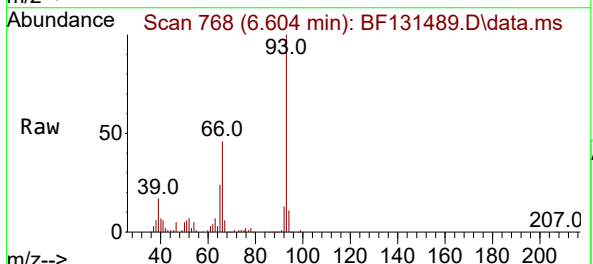
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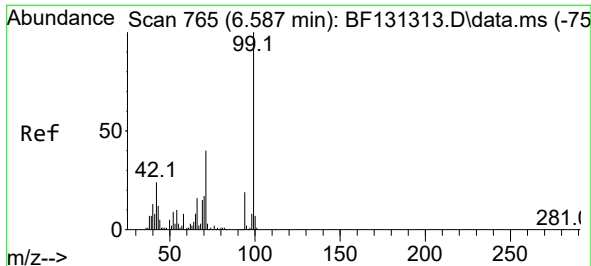
Tgt Ion:112 Resp: 601309
Ion Ratio Lower Upper
112 100
64 67.3 58.6 88.0
63 36.3 31.4 47.0



#6
Aniline
Concen: 25.244 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion: 93 Resp: 171601
Ion Ratio Lower Upper
93 100
66 45.6 35.6 53.4
65 24.1 18.4 27.6

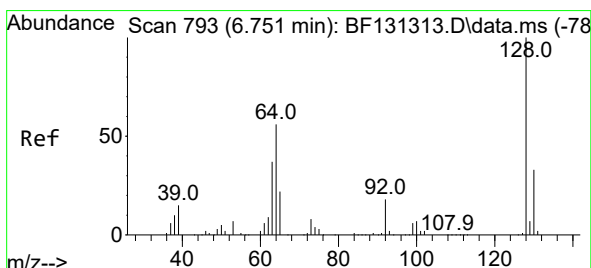
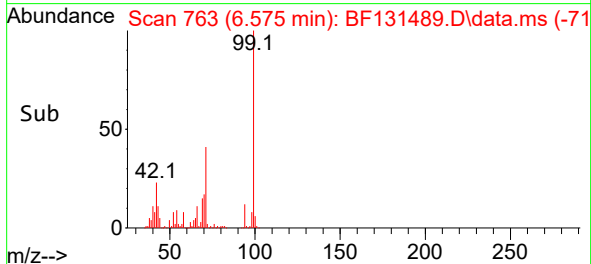
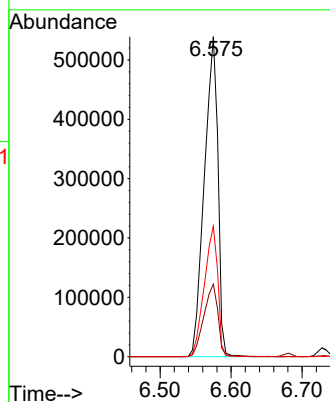
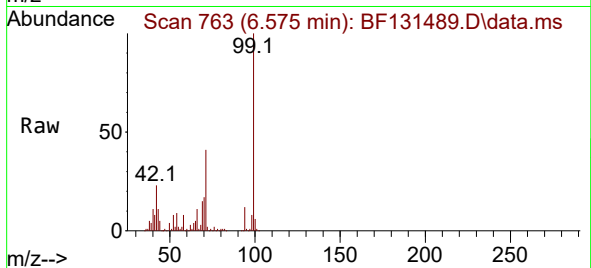




#7
Phenol-d6
Concen: 138.238 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

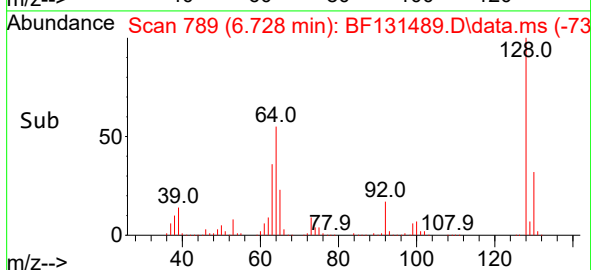
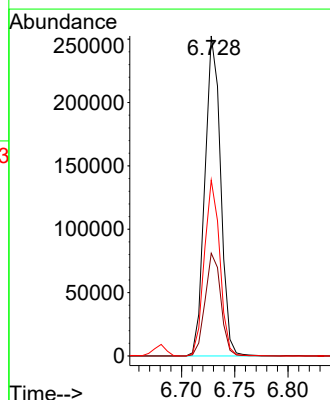
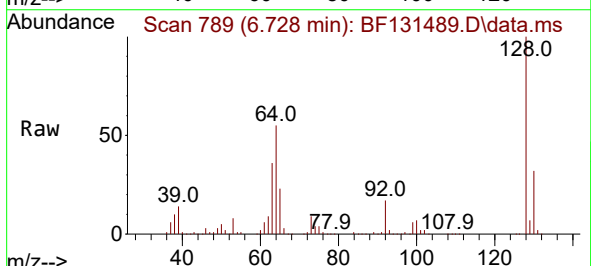
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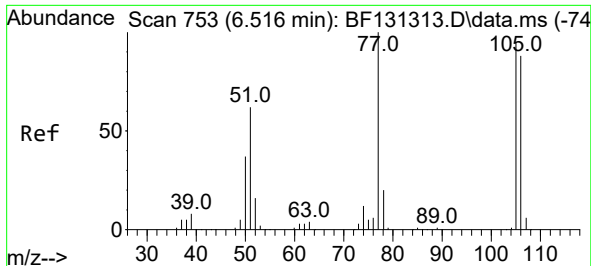
Tgt Ion: 99 Resp: 717005
Ion Ratio Lower Upper
99 100
42 22.7 19.4 29.2
71 40.8 32.3 48.5



#8
2-Chlorophenol
Concen: 56.586 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:128 Resp: 260610
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 55.0 36.9 76.9

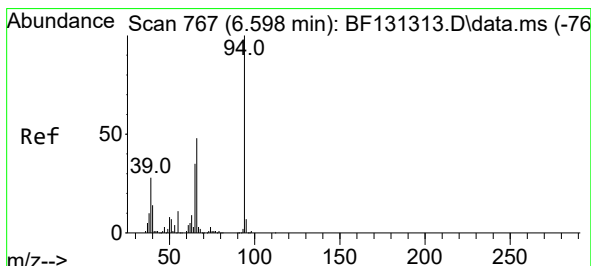
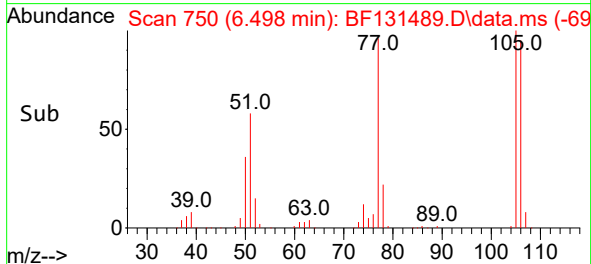
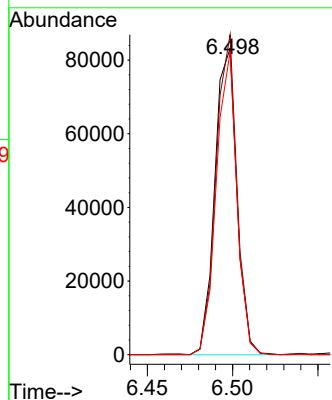
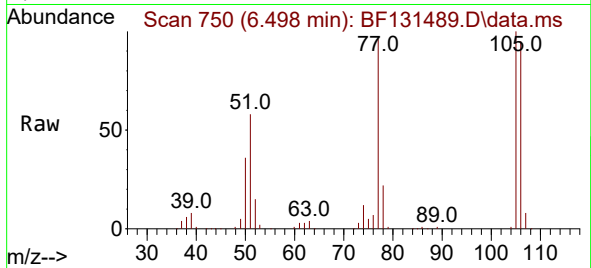




#9
Benzaldehyde
Concen: 20.295 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

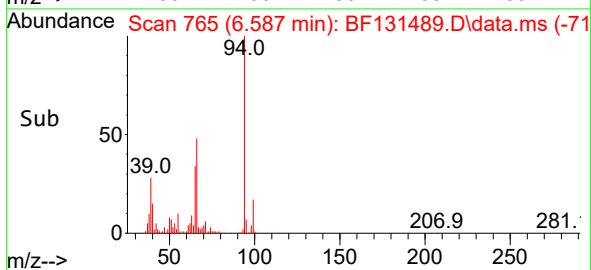
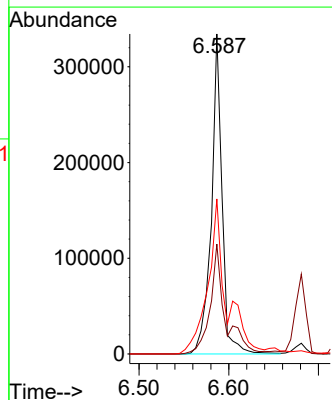
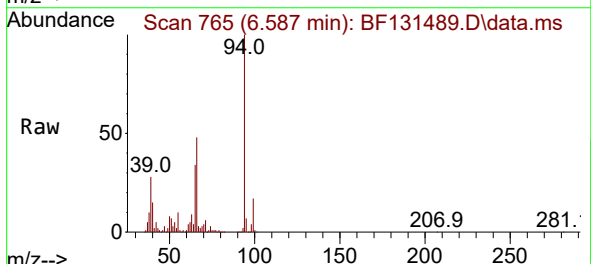
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

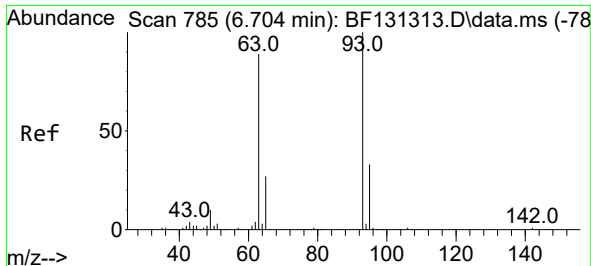
Tgt Ion: 77 Resp: 74540
Ion Ratio Lower Upper
77 100
105 104.5 74.5 114.5
106 98.9 68.1 108.1



#10
Phenol
Concen: 48.307 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion: 94 Resp: 277800
Ion Ratio Lower Upper
94 100
65 34.4 15.0 55.0
66 48.5 28.6 68.6





#11

bis(2-Chloroethyl)ether

Concen: 52.856 ng

RT: 6.681 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

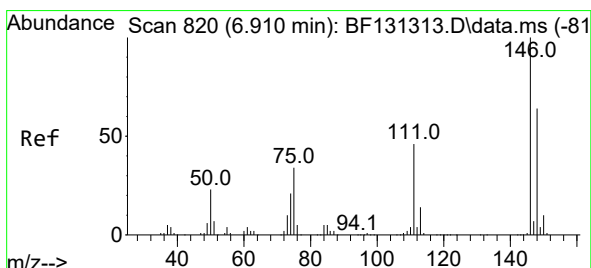
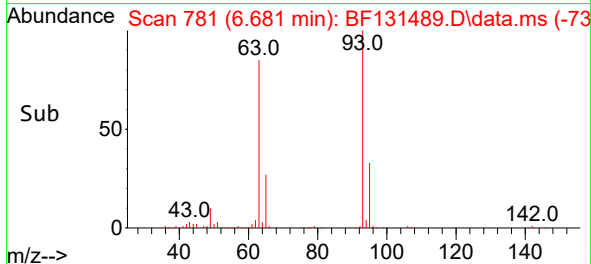
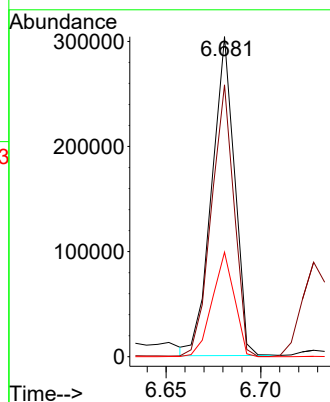
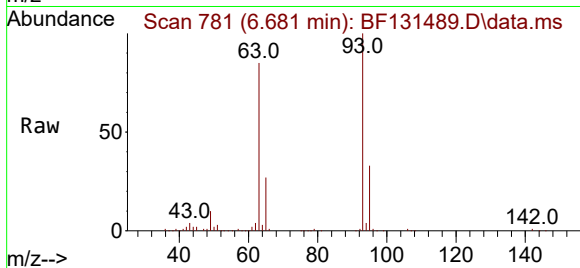
Tgt Ion: 93 Resp: 254667

Ion Ratio Lower Upper

93 100

63 85.0 68.6 108.6

95 32.7 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 48.045 ng

RT: 6.887 min Scan# 816

Delta R.T. 0.000 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

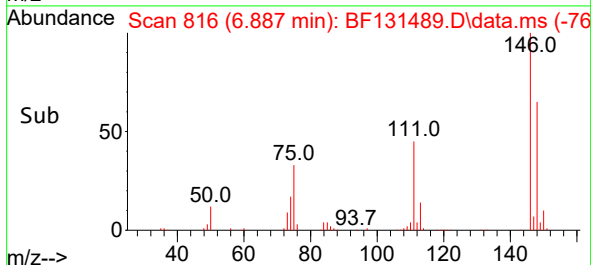
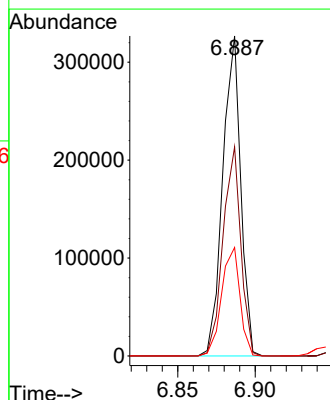
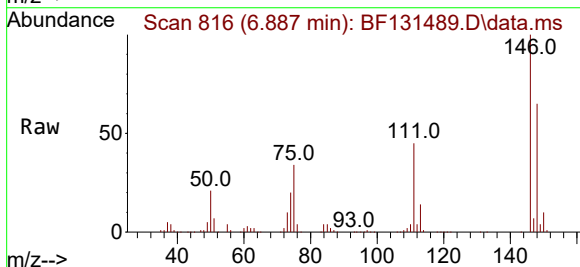
Tgt Ion:146 Resp: 263716

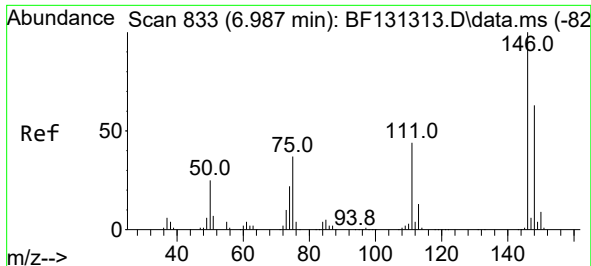
Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.2

75 33.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 48.599 ng

RT: 6.963 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

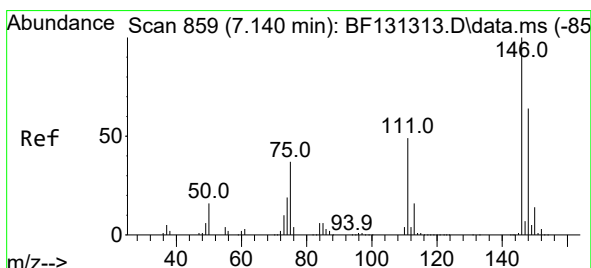
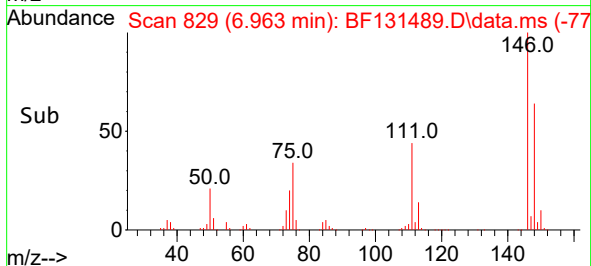
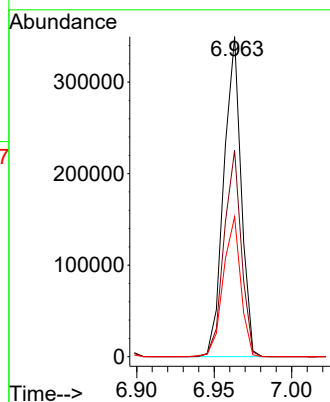
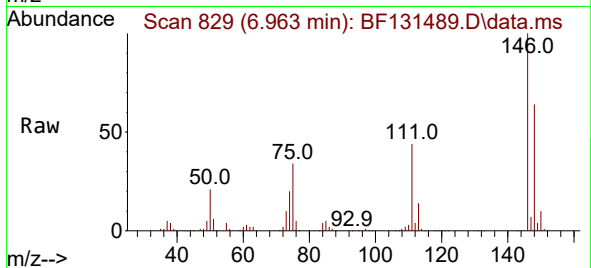
Tgt Ion:146 Resp: 271059

Ion Ratio Lower Upper

146 100

148 64.5 50.2 75.2

111 43.7 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 48.453 ng

RT: 7.116 min Scan# 855

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

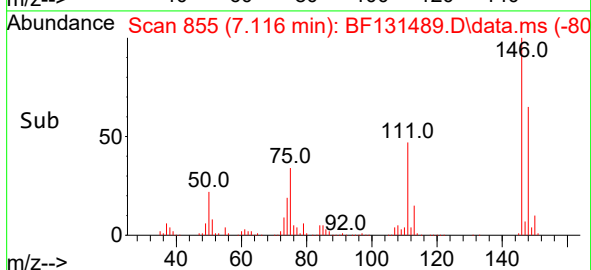
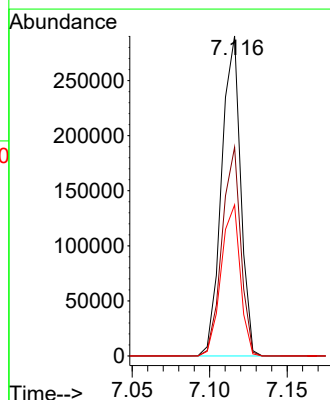
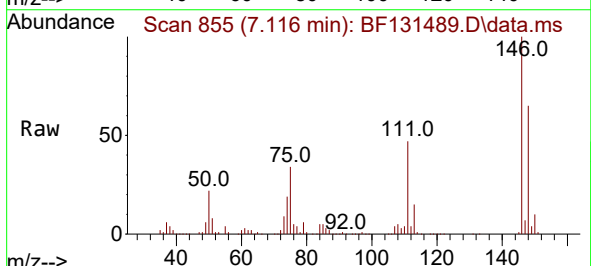
Tgt Ion:146 Resp: 248831

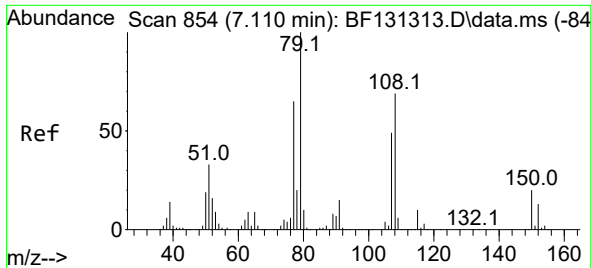
Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.0

111 47.2 39.4 59.0

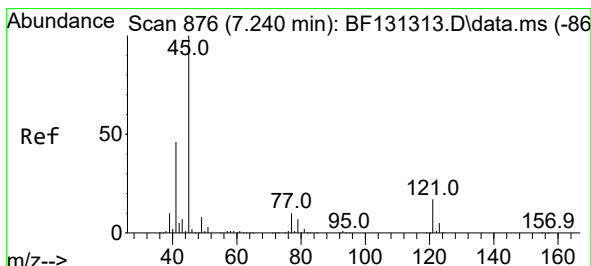
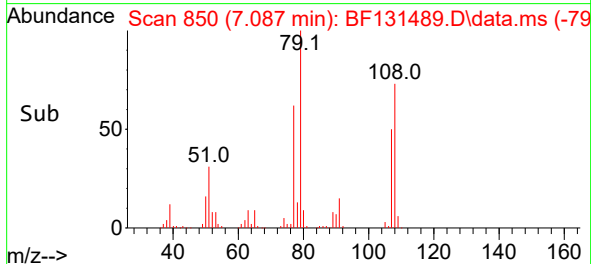
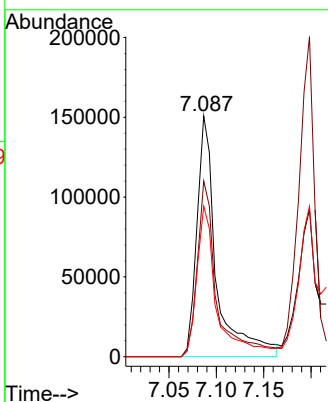
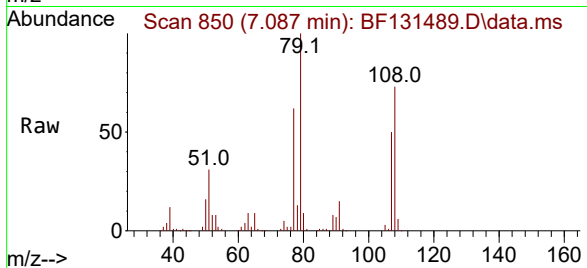




#15
Benzyl Alcohol
Concen: 51.361 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

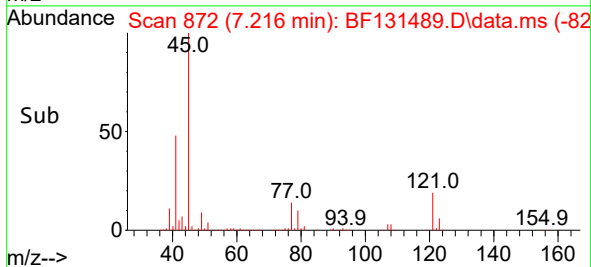
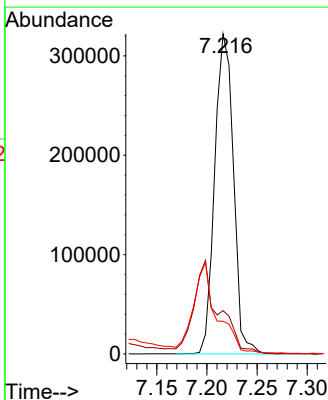
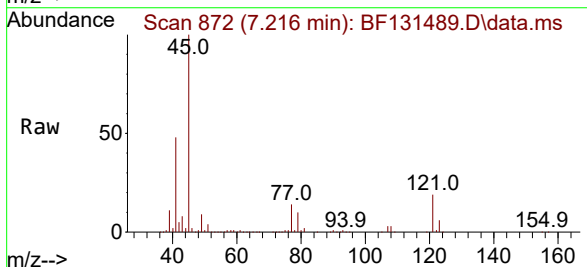
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

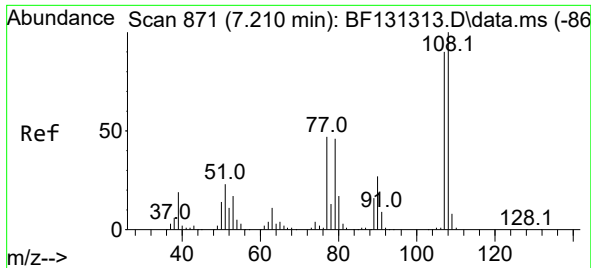
Tgt Ion: 79 Resp: 218431
Ion Ratio Lower Upper
79 100
108 73.0 55.1 82.7
77 62.5 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.341 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion: 45 Resp: 417790
Ion Ratio Lower Upper
45 100
77 13.6 0.0 31.2
79 10.3 0.0 28.4



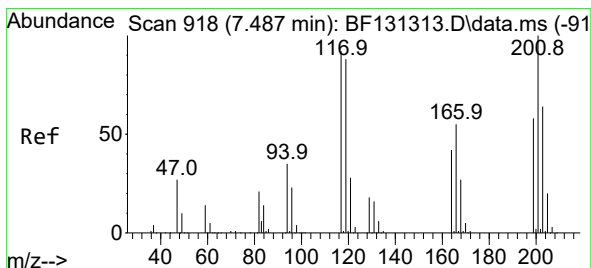
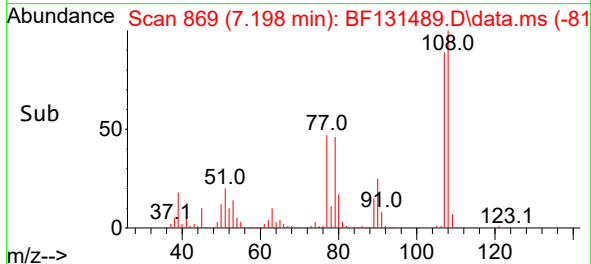
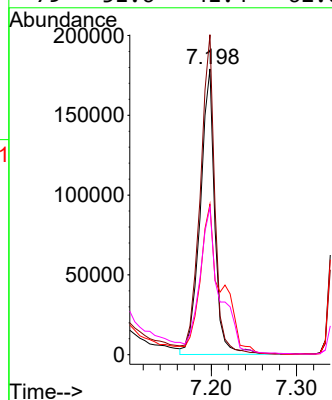
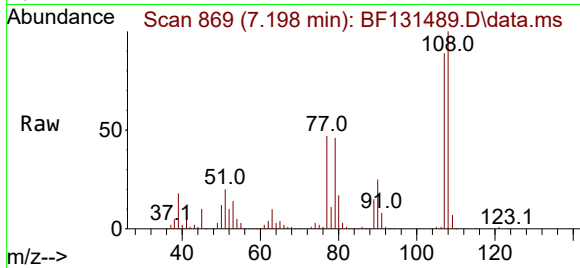


#17
2-Methylphenol
Concen: 54.260 ng
RT: 7.198 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Tgt Ion:107 Resp: 212992

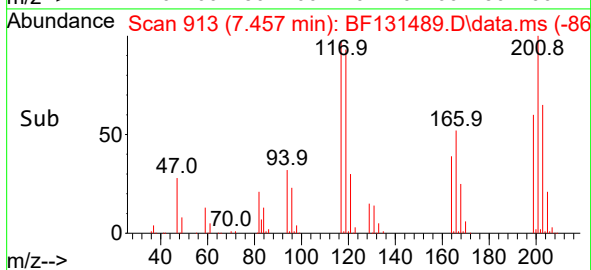
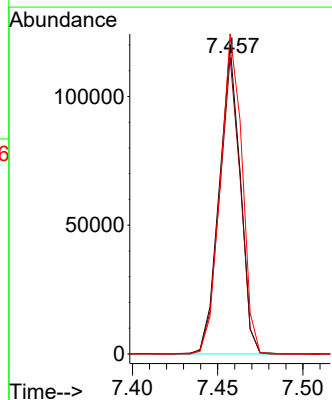
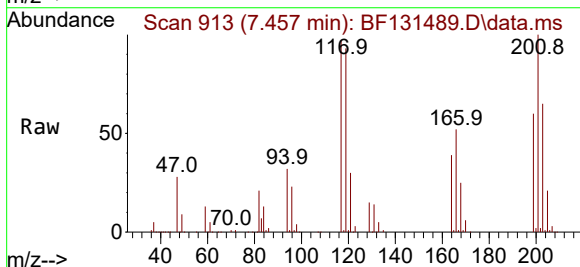
Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.0	133.6
77	52.6	42.5	63.7
79	51.6	41.4	62.0

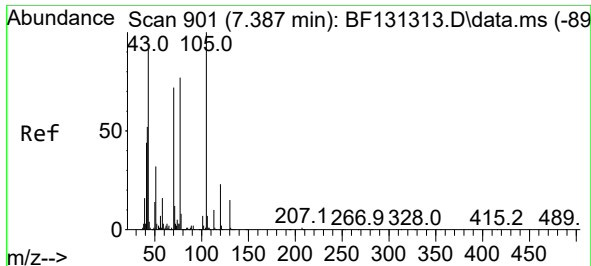


#18
Hexachloroethane
Concen: 51.277 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:117 Resp: 102308

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.6	115.0
201	103.5	87.0	130.6





#19

n-Nitroso-di-n-propylamine

Concen: 48.977 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF131489.D

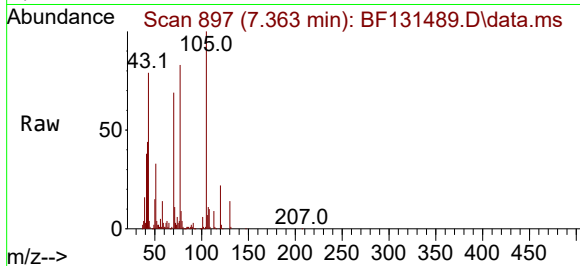
Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion: 70 Resp: 185964

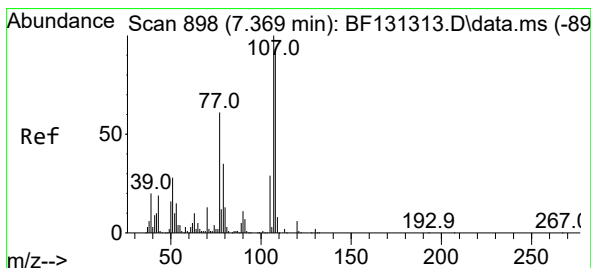
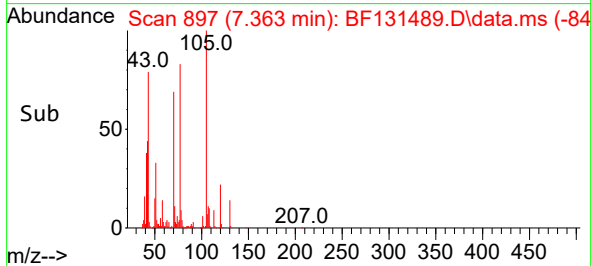
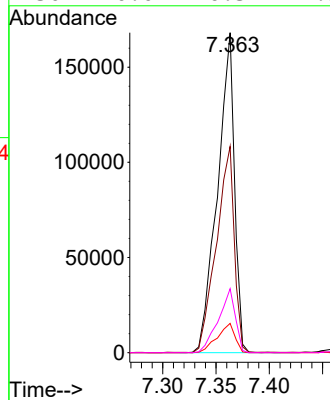
Ion Ratio Lower Upper

70 100

42 64.5 57.6 86.4

101 9.1 8.2 12.2

130 20.0 16.3 24.5



#20

3+4-Methylphenols

Concen: 42.500 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.153 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Tgt Ion: 107 Resp: 213007

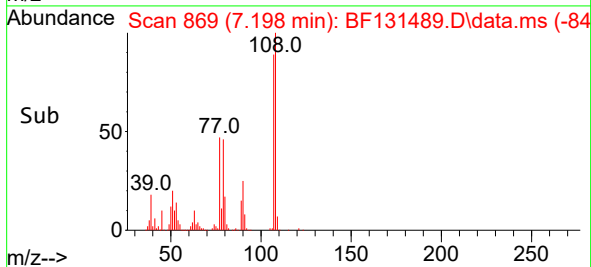
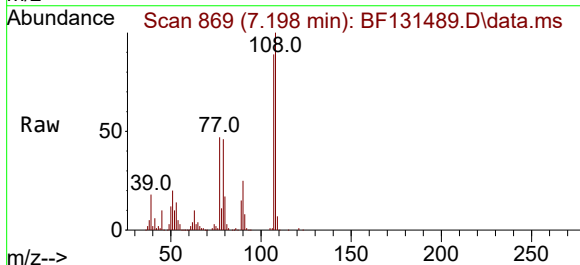
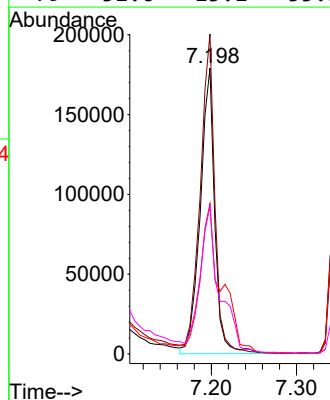
Ion Ratio Lower Upper

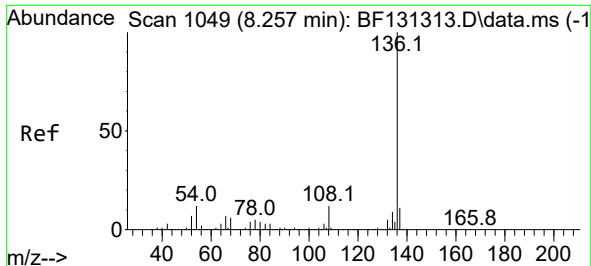
107 100

108 112.0 72.6 112.6

77 52.6 41.4 81.4

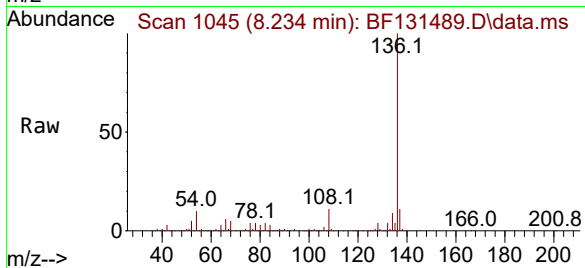
79 51.6 15.1 55.1



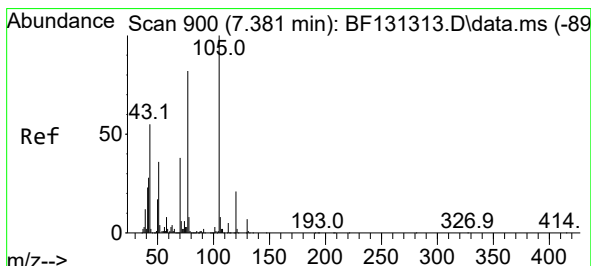
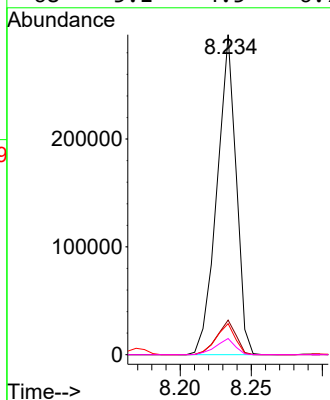
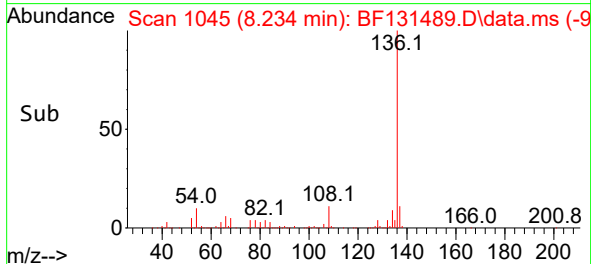


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

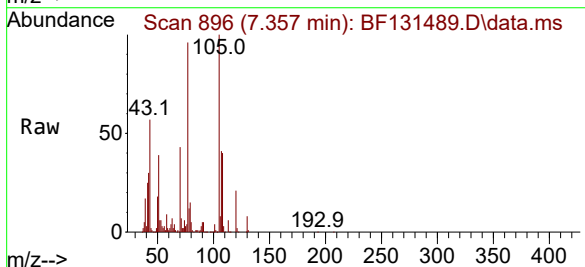
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



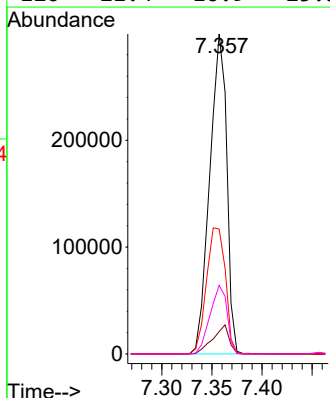
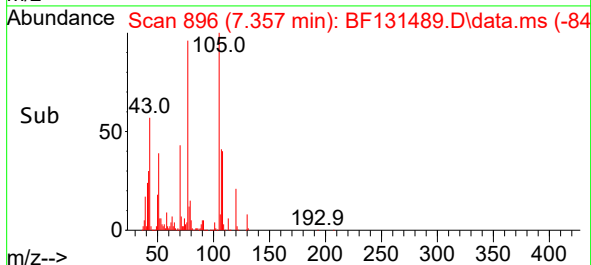
Tgt Ion:136 Resp: 277580
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.7 9.4 14.0
68 5.1 4.5 6.7

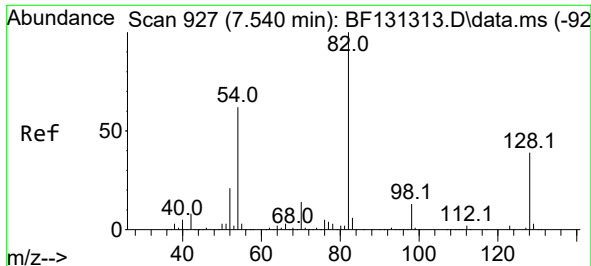


#22
Acetophenone
Concen: 50.070 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22



Tgt Ion:105 Resp: 353774
Ion Ratio Lower Upper
105 100
71 7.0 4.9 7.3
51 39.0 29.0 43.4
120 21.4 16.9 25.3

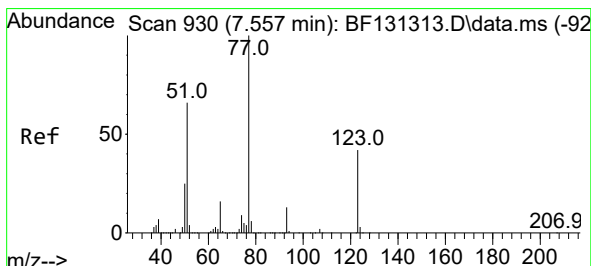
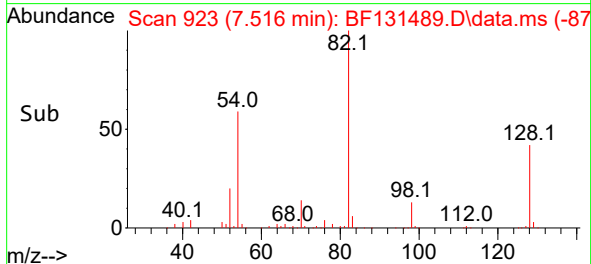
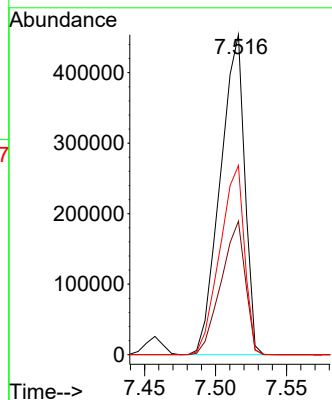
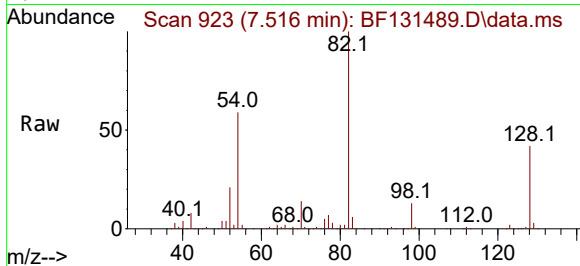




#23
Nitrobenzene-d5
Concen: 98.540 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

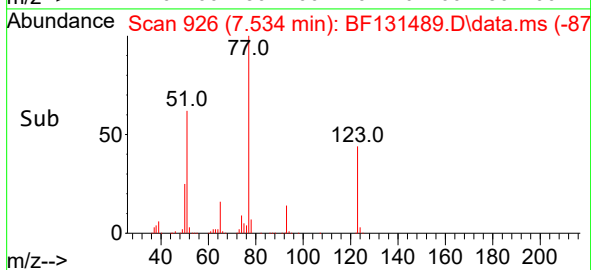
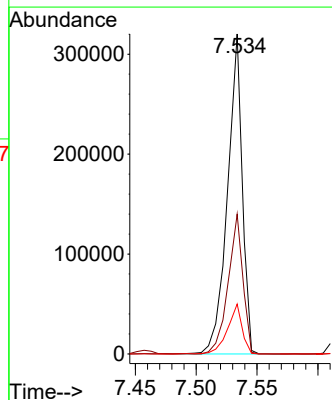
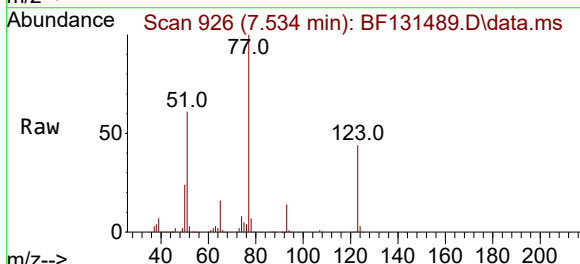
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

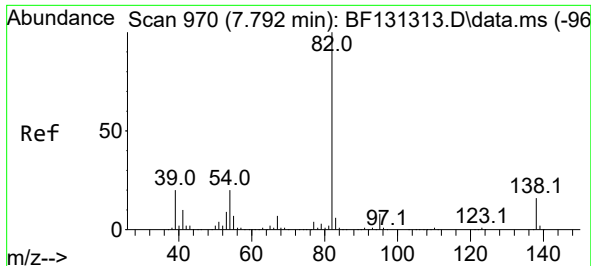
Tgt Ion: 82 Resp: 542623
Ion Ratio Lower Upper
82 100
128 41.7 31.4 47.0
54 59.1 49.8 74.6



#24
Nitrobenzene
Concen: 47.431 ng
RT: 7.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion: 77 Resp: 272123
Ion Ratio Lower Upper
77 100
123 43.7 33.3 49.9
65 15.6 12.7 19.1

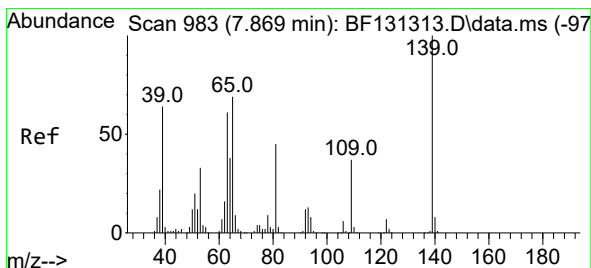
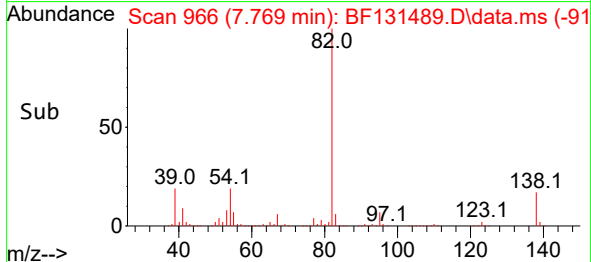
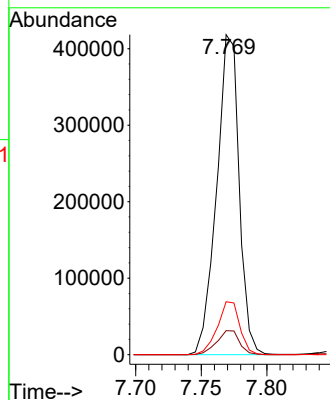
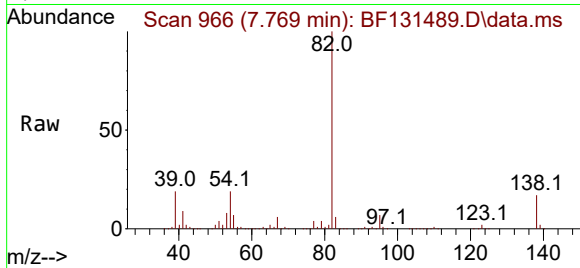




#25
Isophorone
Concen: 50.694 ng
RT: 7.769 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

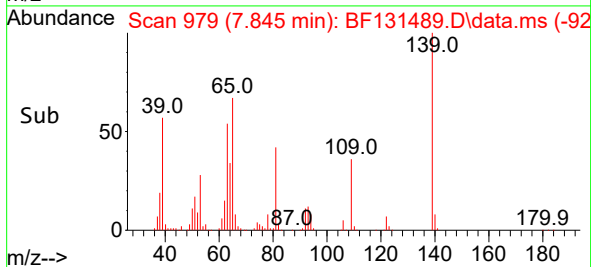
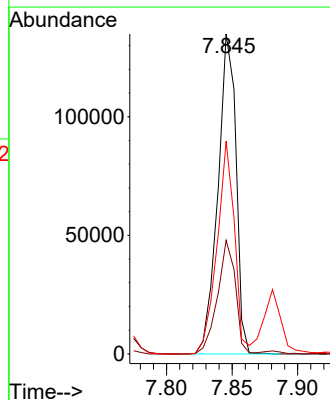
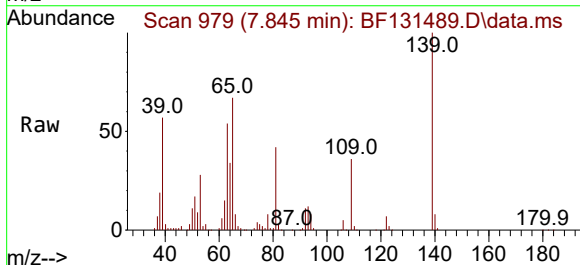
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

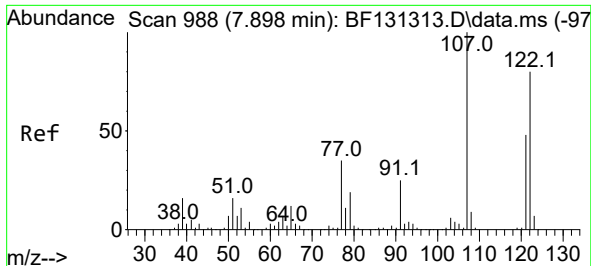
Tgt Ion: 82 Resp: 498028
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 16.6 12.7 19.1



#26
2-Nitrophenol
Concen: 66.696 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion: 139 Resp: 129323
Ion Ratio Lower Upper
139 100
109 35.5 29.9 44.9
65 66.5 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 57.901 ng

RT: 7.881 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

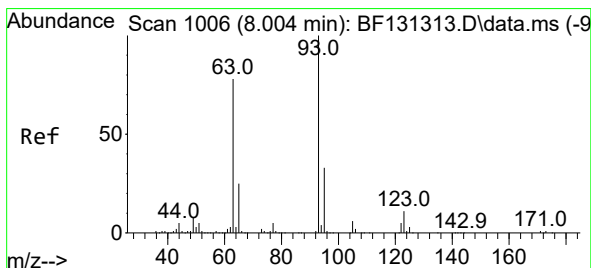
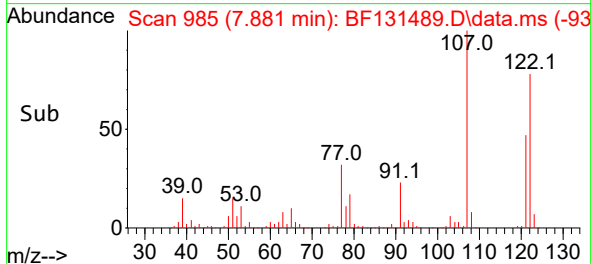
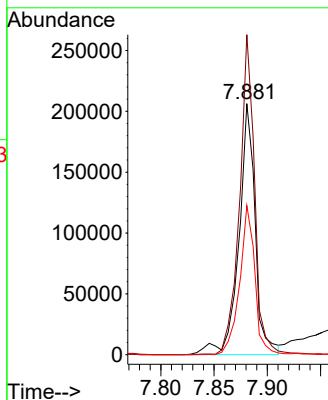
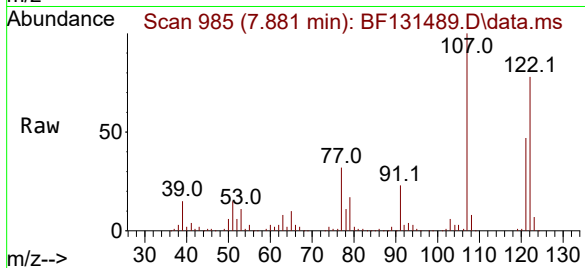
Tgt Ion:122 Resp: 220519

Ion Ratio Lower Upper

122 100

107 127.4 99.9 149.9

121 59.4 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 55.763 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

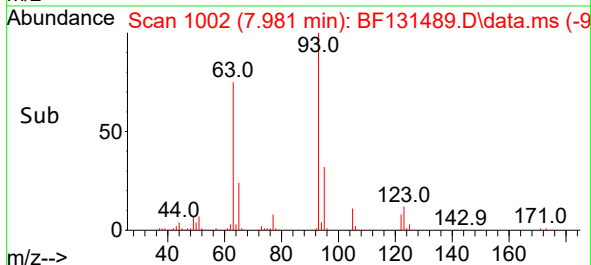
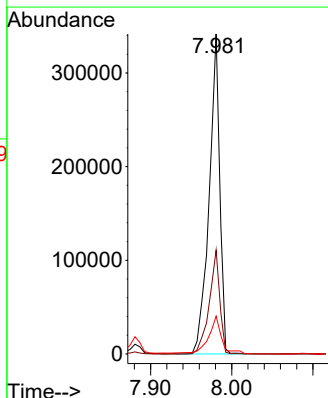
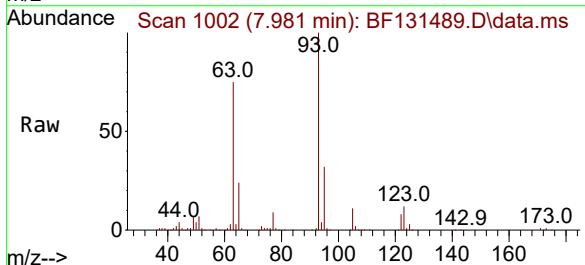
Tgt Ion: 93 Resp: 311155

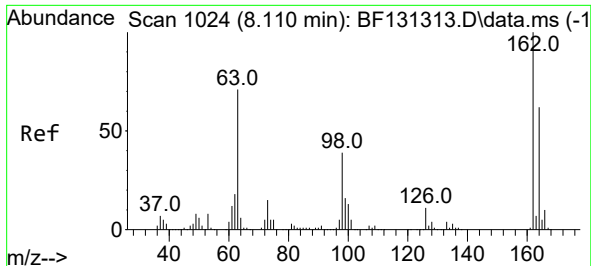
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 11.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 58.361 ng

RT: 8.087 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

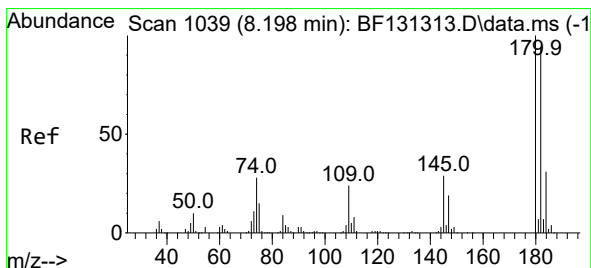
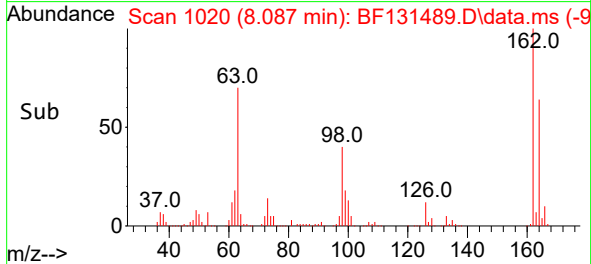
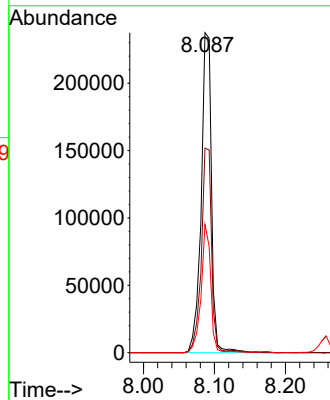
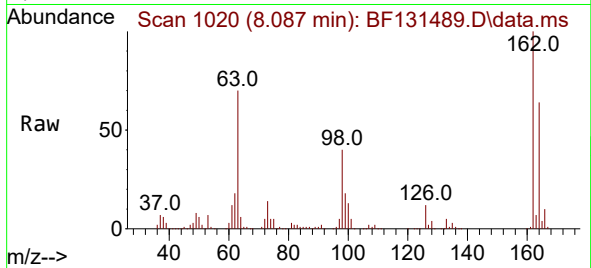
Tgt Ion:162 Resp: 241099

Ion Ratio Lower Upper

162 100

164 63.9 42.2 82.2

98 40.1 18.8 58.8



#30

1,2,4-Trichlorobenzene

Concen: 52.390 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

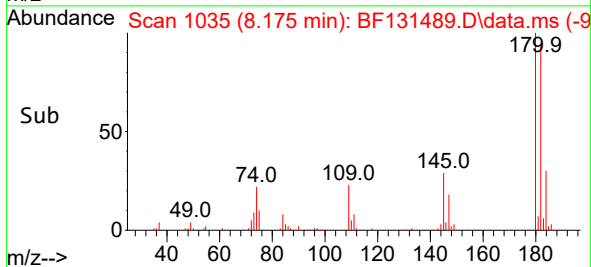
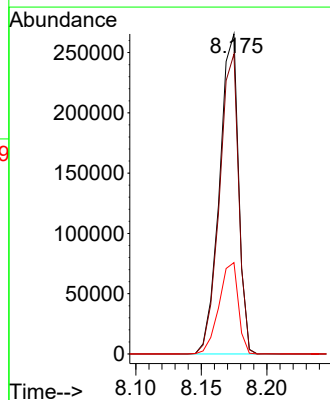
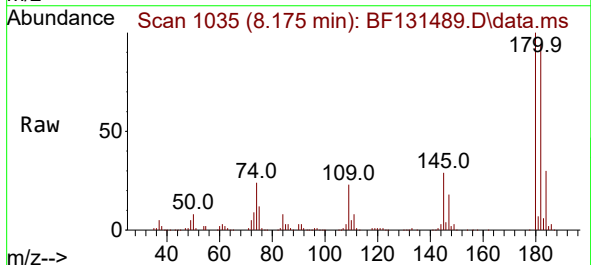
Tgt Ion:180 Resp: 268114

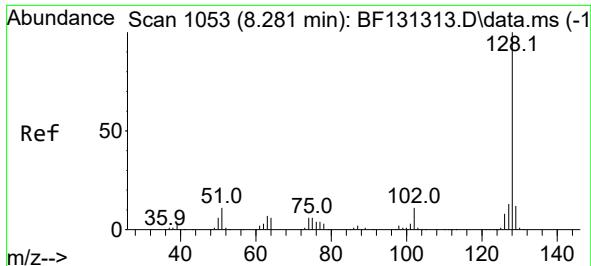
Ion Ratio Lower Upper

180 100

182 93.8 75.3 112.9

145 28.6 23.4 35.0





#31

Naphthalene

Concen: 47.760 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

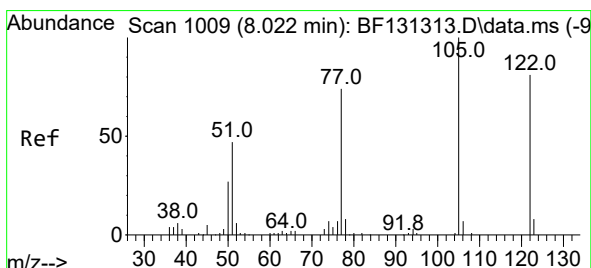
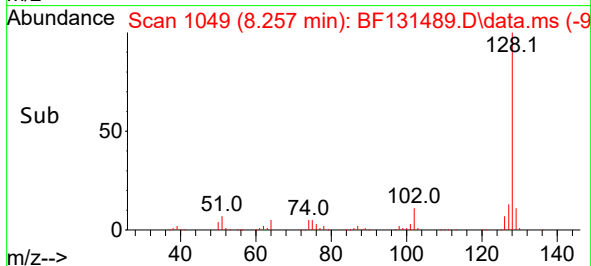
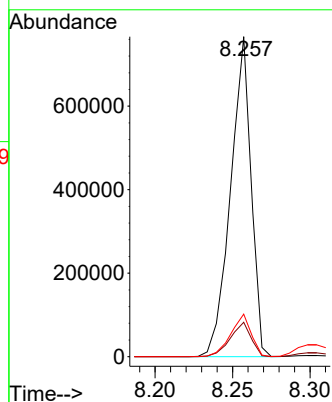
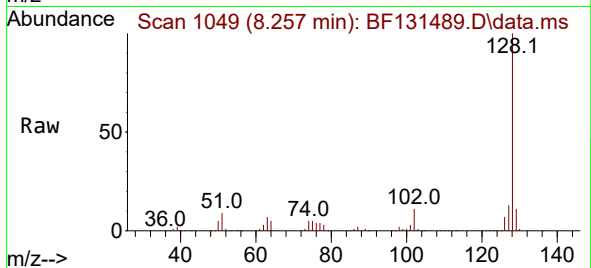
Tgt Ion:128 Resp: 706465

Ion Ratio Lower Upper

128 100

129 10.7 9.2 13.8

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 58.151 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

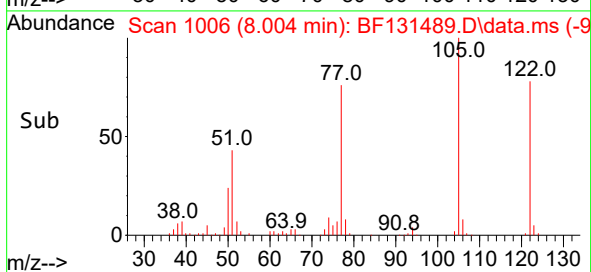
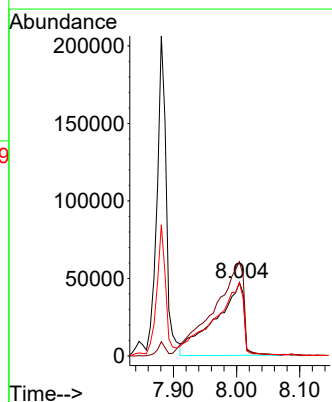
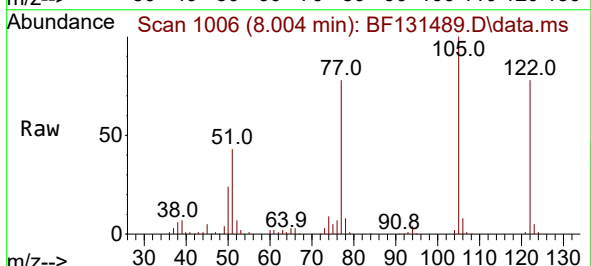
Tgt Ion:122 Resp: 149321

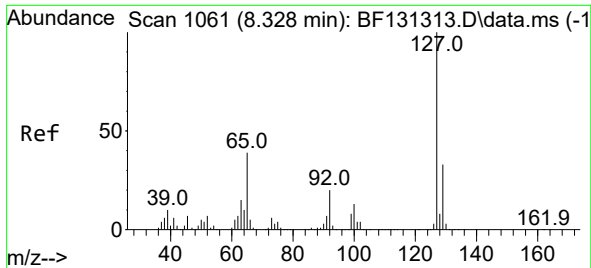
Ion Ratio Lower Upper

122 100

105 128.1 103.8 143.8

77 99.4 74.3 114.3

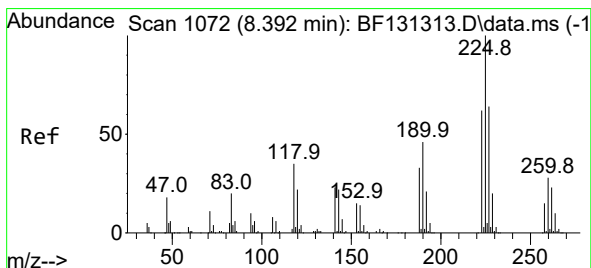
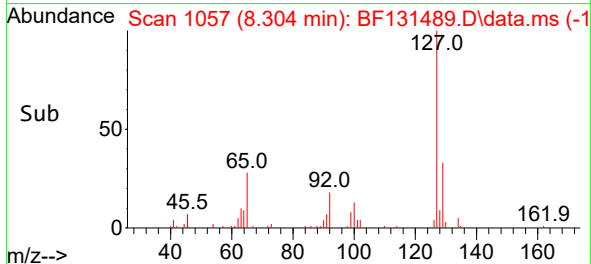
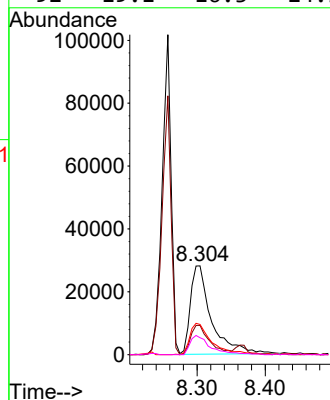
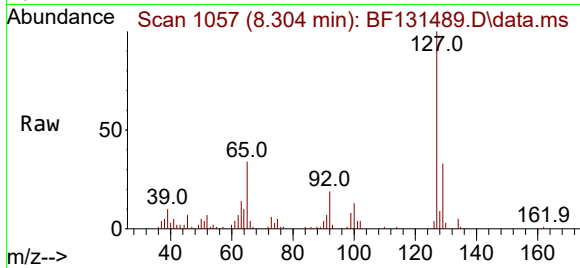




#33
4-Chloroaniline
Concen: 10.254 ng
RT: 8.304 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

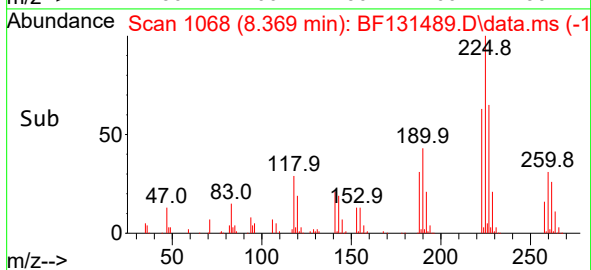
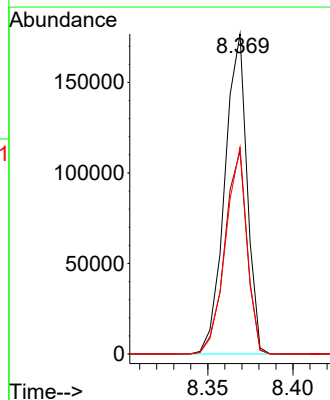
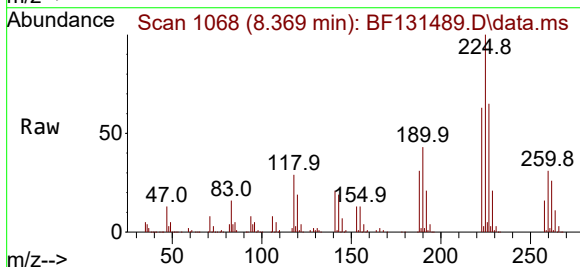
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

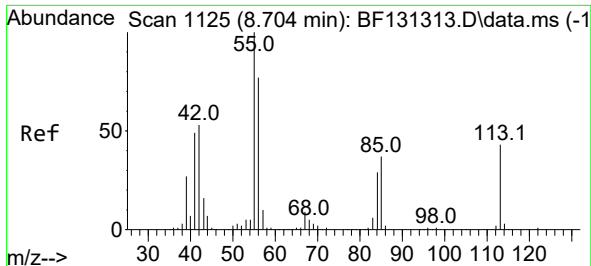
Tgt Ion:127	Resp:	59836
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.4 39.6
65	34.2	31.0 46.6
92	19.1	16.3 24.5



#34
Hexachlorobutadiene
Concen: 48.482 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:225	Resp:	160665
Ion Ratio	Lower	Upper
225	100	
223	63.3	49.4 74.0
227	64.6	51.1 76.7

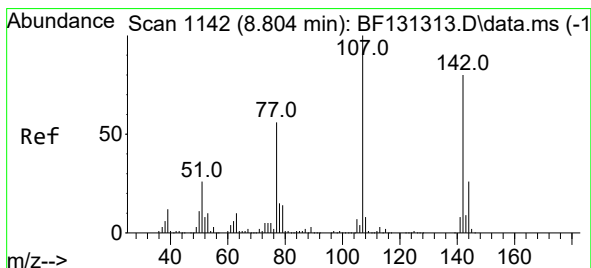
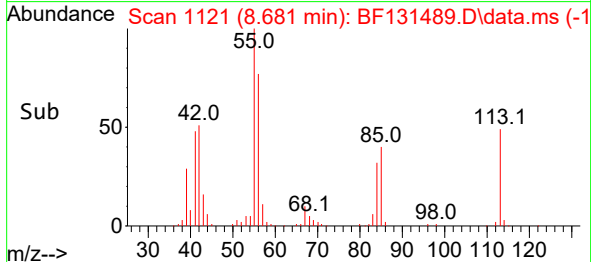
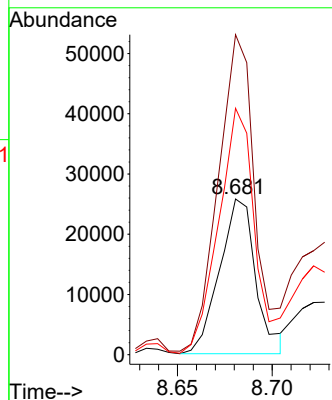
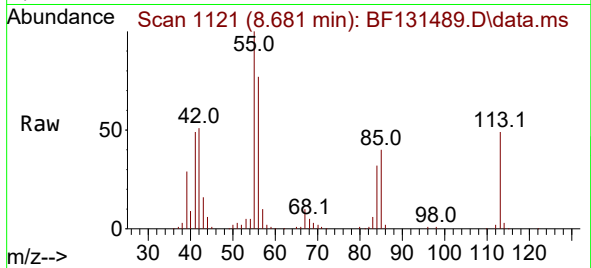




#35
 Caprolactam
 Concen: 31.520 ng
 RT: 8.681 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: BF131489.D
 Acq: 01 Dec 2022 14:22

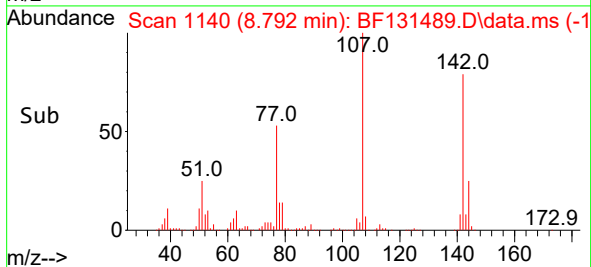
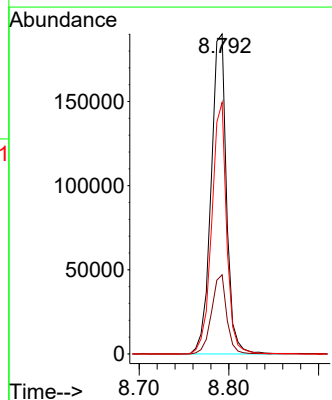
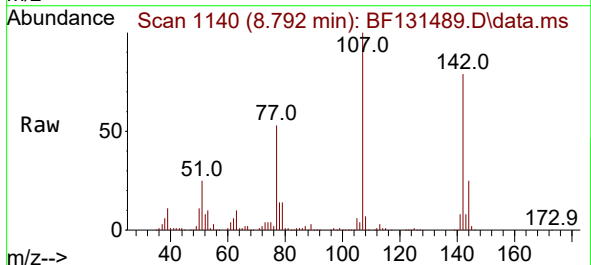
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

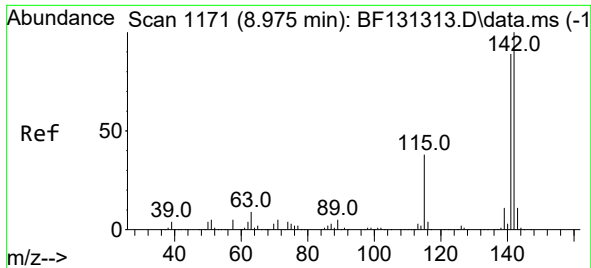
Tgt Ion:113 Resp: 34218
 Ion Ratio Lower Upper
 113 100
 55 205.4 214.5 254.5#
 56 158.2 159.4 199.4#



#36
 4-Chloro-3-methylphenol
 Concen: 52.876 ng
 RT: 8.792 min Scan# 1140
 Delta R.T. 0.006 min
 Lab File: BF131489.D
 Acq: 01 Dec 2022 14:22

Tgt Ion:107 Resp: 226945
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.9 31.3
 142 78.6 63.9 95.9

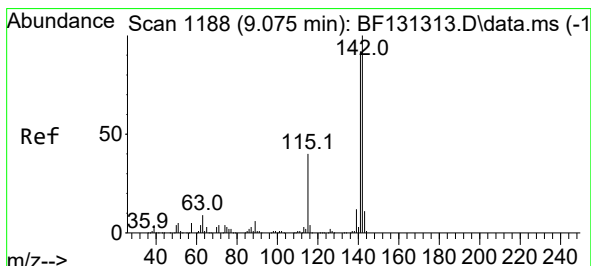
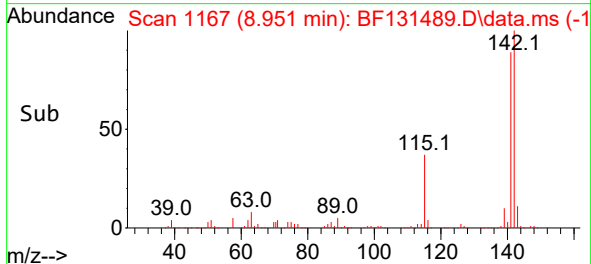
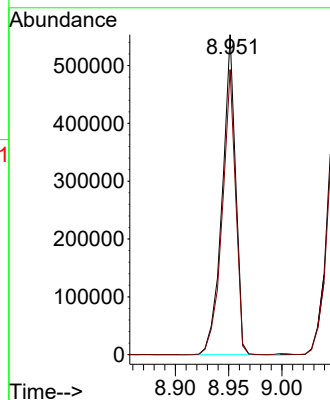
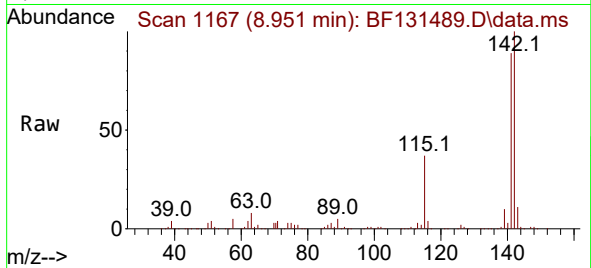




#37
2-Methylnaphthalene
Concen: 48.018 ng
RT: 8.951 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

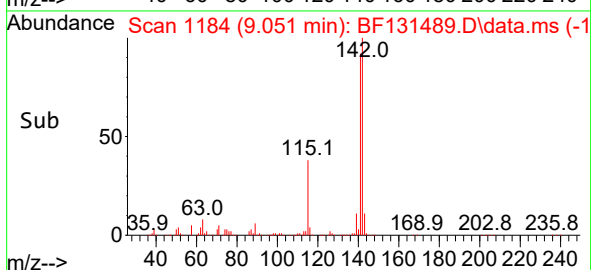
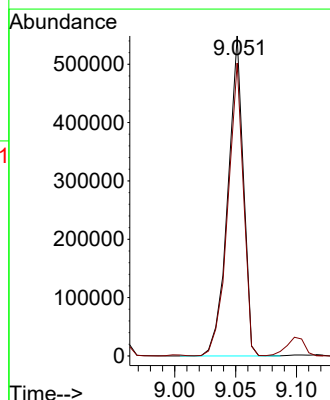
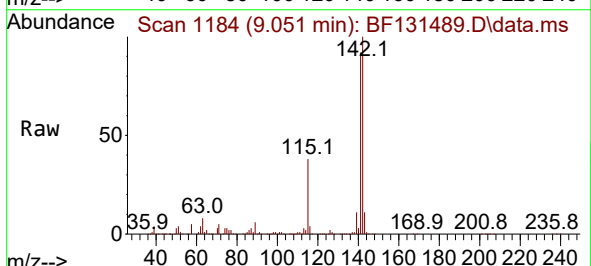
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

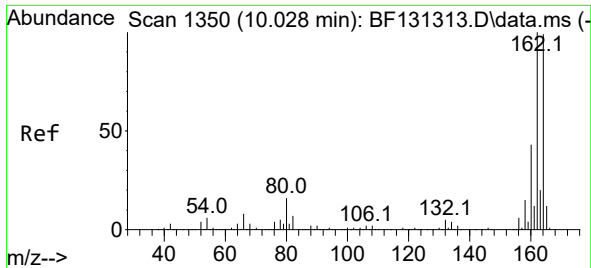
Tgt Ion:142 Resp: 481263
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4



#38
1-Methylnaphthalene
Concen: 50.343 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:142 Resp: 489279
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.0

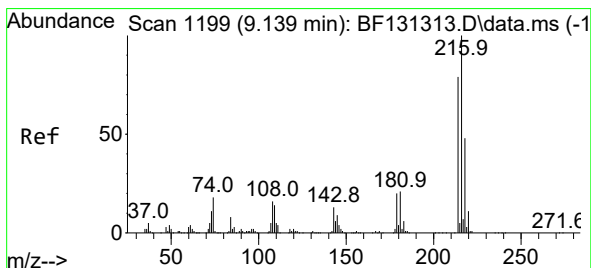
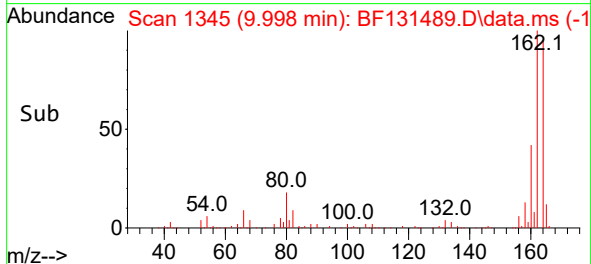
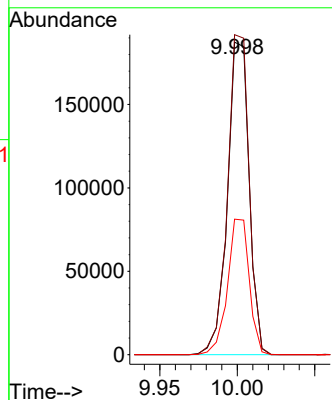
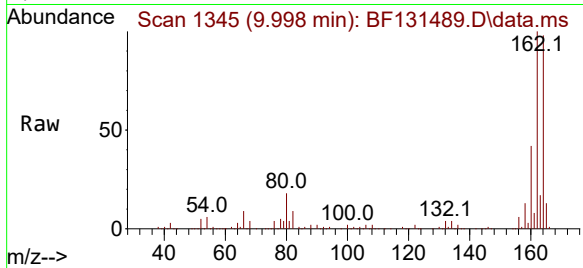




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

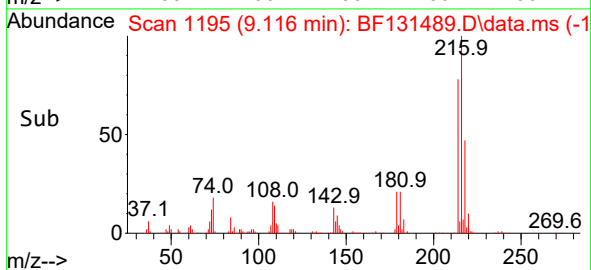
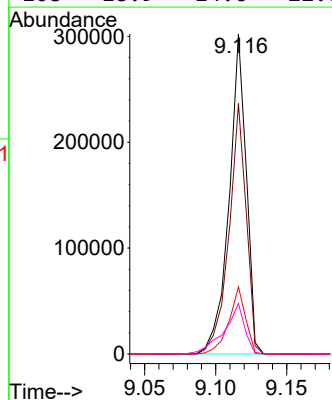
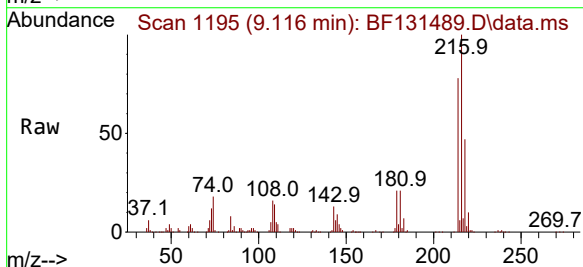
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

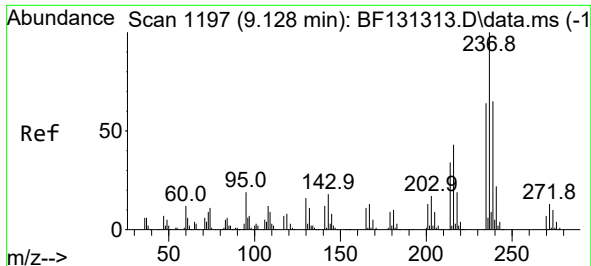
Tgt Ion:164 Resp: 182466
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 43.4 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.962 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:216 Resp: 254389
Ion Ratio Lower Upper
216 100
214 78.4 63.1 94.7
179 20.4 16.2 24.4
108 18.9 14.6 22.0

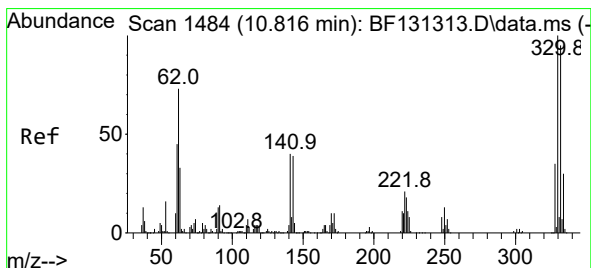
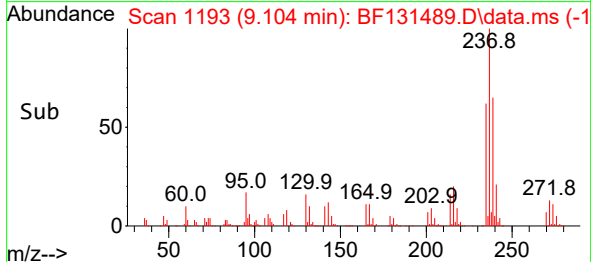
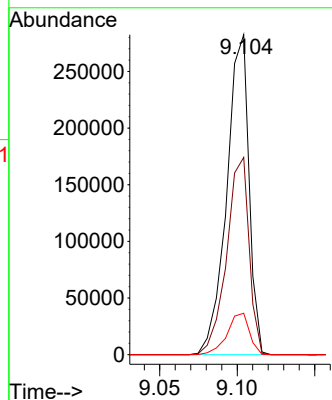
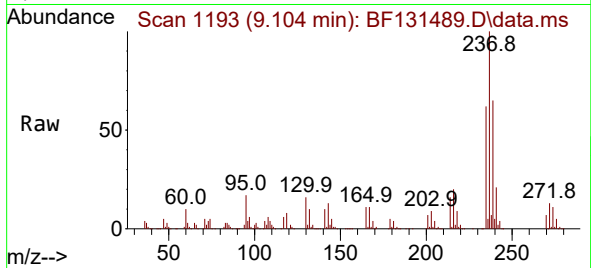




#41
Hexachlorocyclopentadiene
Concen: 105.924 ng
RT: 9.104 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

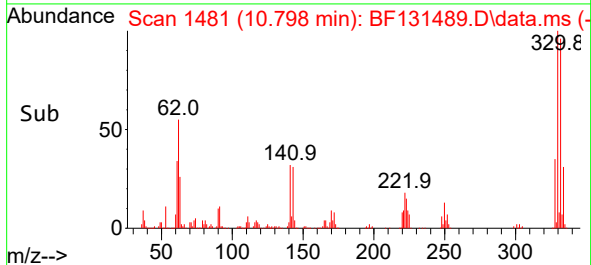
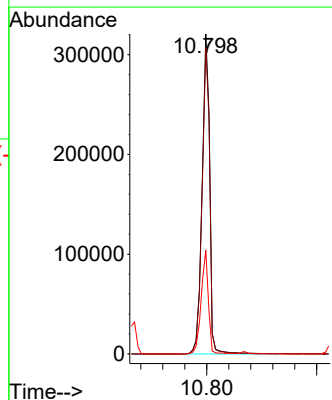
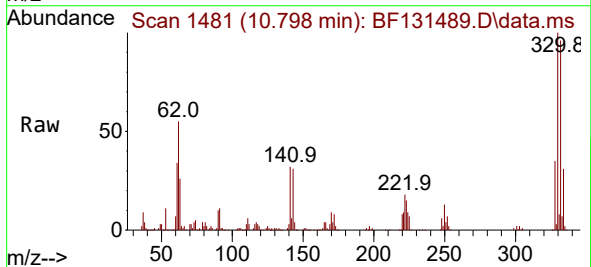
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

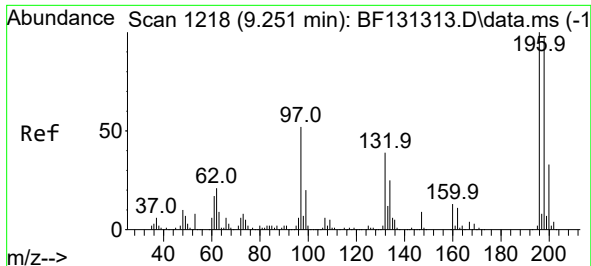
Tgt Ion:237 Resp: 281956
Ion Ratio Lower Upper
237 100
235 61.7 44.2 84.2
272 13.0 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 201.004 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:330 Resp: 308562
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 31.0 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 53.328 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131489.D

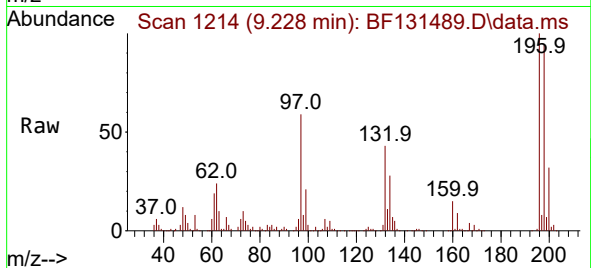
Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



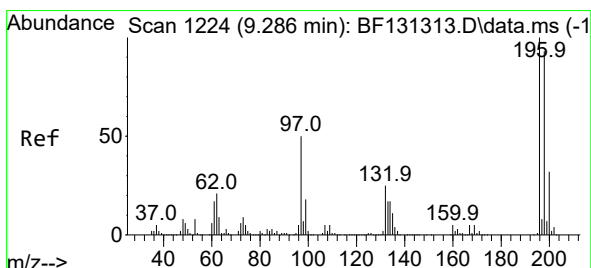
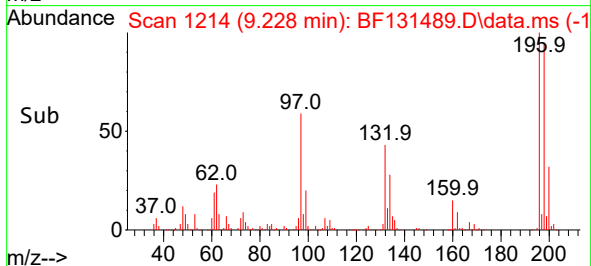
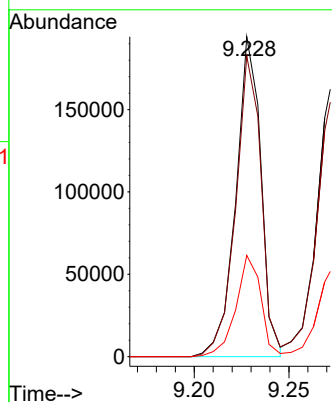
Tgt Ion:196 Resp: 179131

Ion Ratio Lower Upper

196 100

198 93.9 77.4 116.0

200 31.6 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 48.530 ng

RT: 9.275 min Scan# 1222

Delta R.T. 0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Tgt Ion:196 Resp: 183306

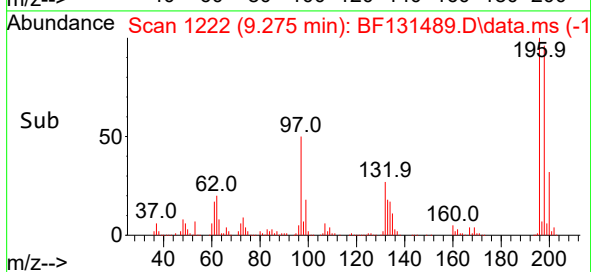
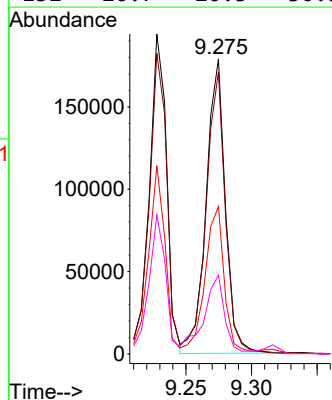
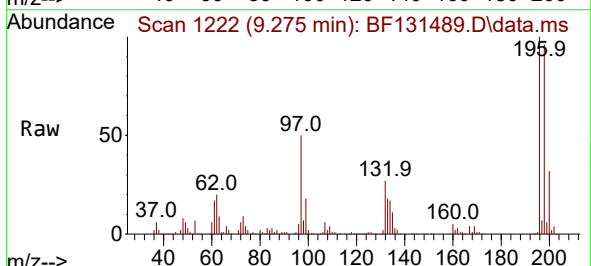
Ion Ratio Lower Upper

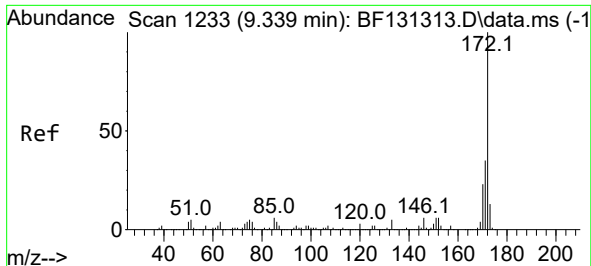
196 100

198 95.6 75.0 112.4

97 50.0 40.3 60.5

132 26.7 20.3 30.5

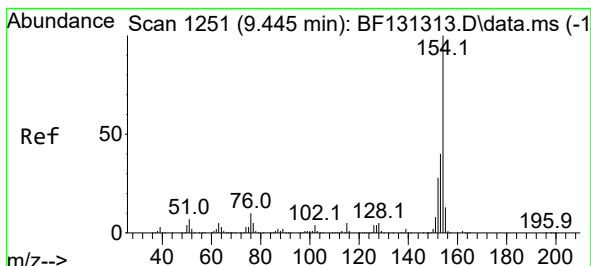
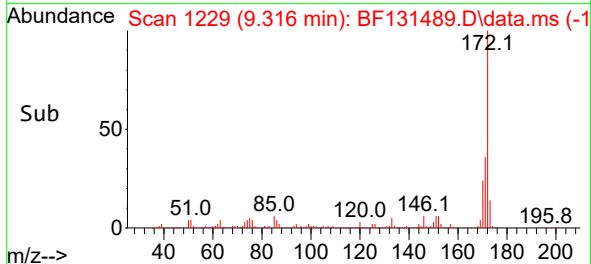
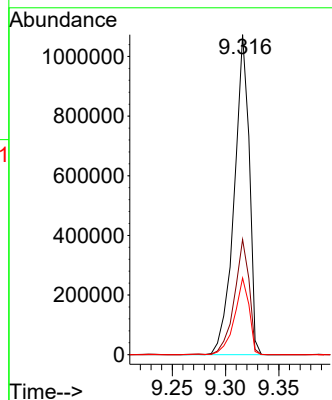
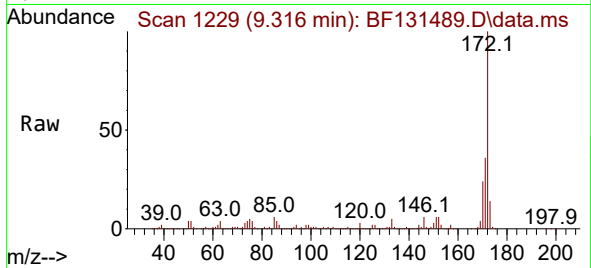




#45
2-Fluorobiphenyl
Concen: 84.097 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

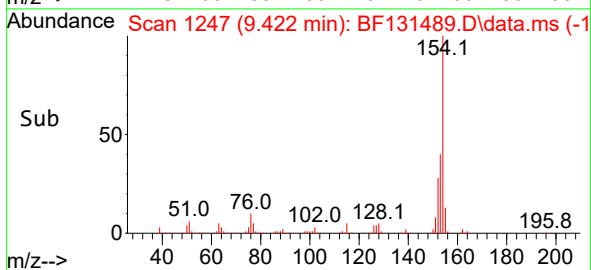
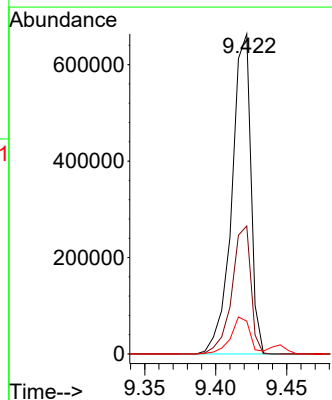
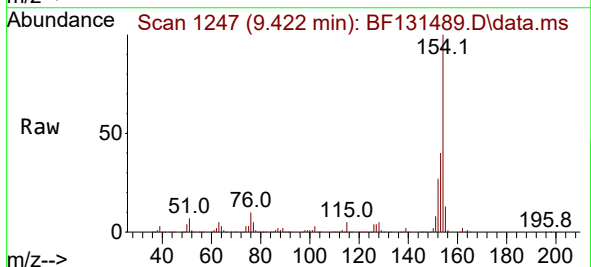
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

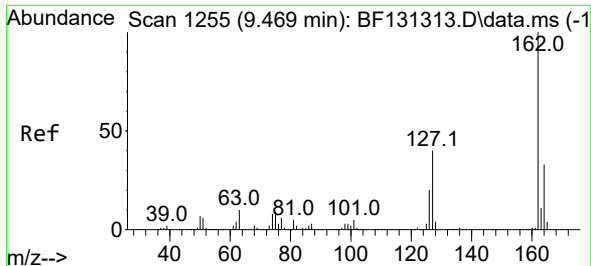
Tgt Ion:172 Resp: 1054759
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.0 18.7 28.1



#46
1,1'-Biphenyl
Concen: 44.397 ng
RT: 9.422 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:154 Resp: 618197
Ion Ratio Lower Upper
154 100
153 40.0 19.8 59.8
76 10.3 0.0 30.2





#47

2-Chloronaphthalene

Concen: 45.060 ng

RT: 9.445 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

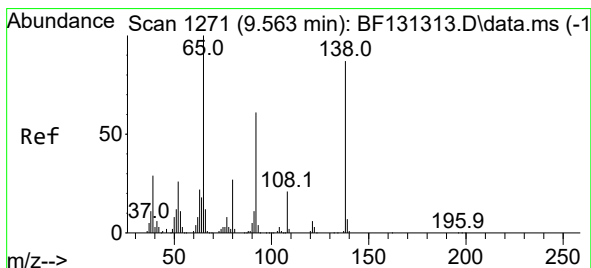
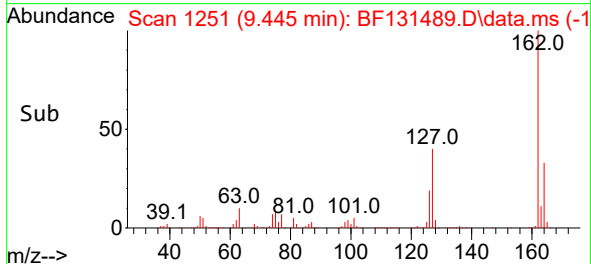
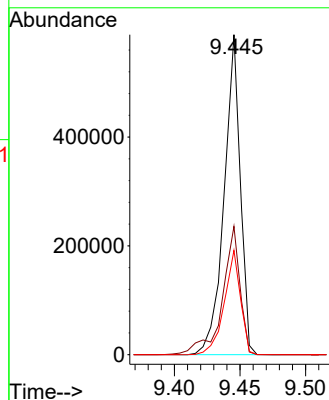
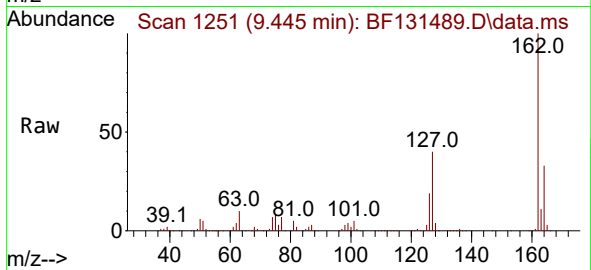
Tgt Ion:162 Resp: 503321

Ion Ratio Lower Upper

162 100

127 40.1 32.1 48.1

164 32.6 26.6 39.8



#48

2-Nitroaniline

Concen: 48.001 ng

RT: 9.545 min Scan# 1268

Delta R.T. 0.000 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

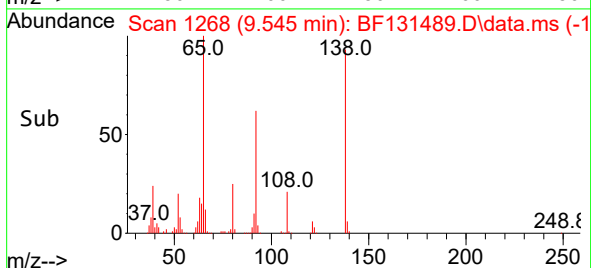
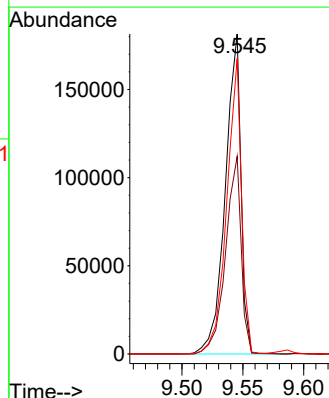
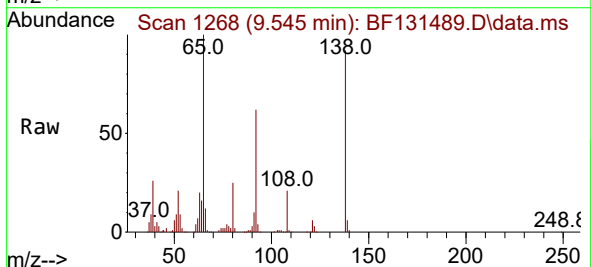
Tgt Ion: 65 Resp: 162796

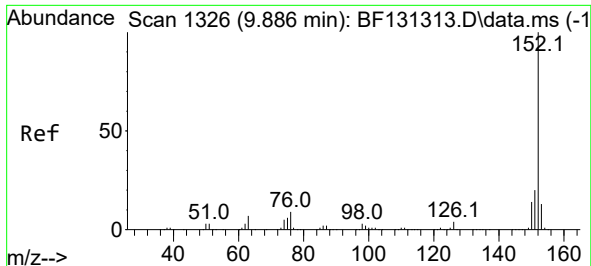
Ion Ratio Lower Upper

65 100

92 61.8 49.0 73.4

138 92.3 69.4 104.2





#49

Acenaphthylene

Concen: 43.044 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

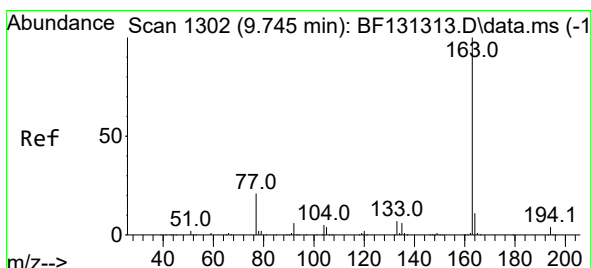
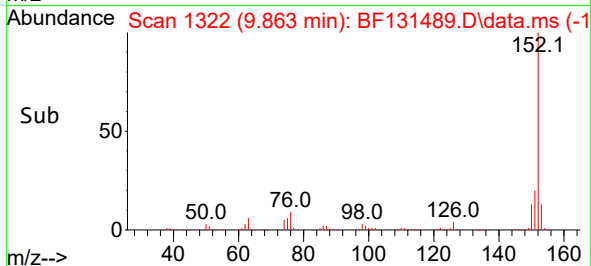
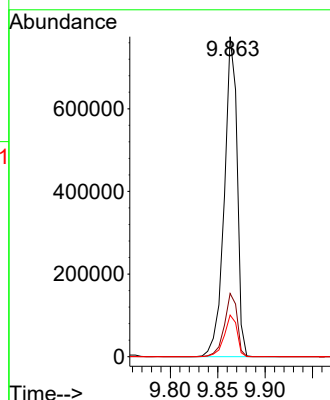
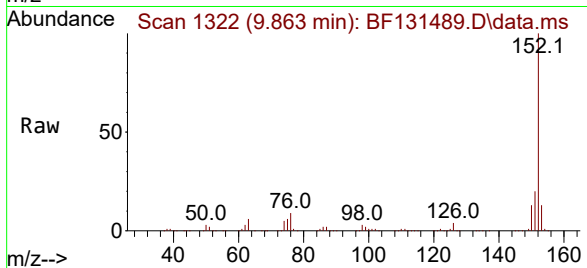
Tgt Ion:152 Resp: 732934

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.4

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 46.363 ng

RT: 9.722 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

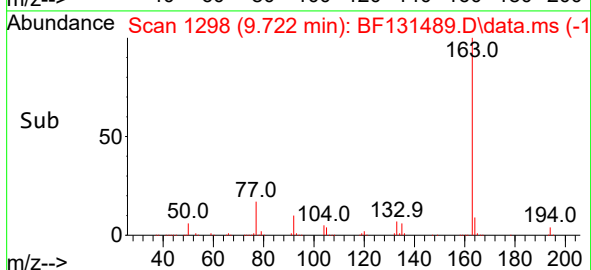
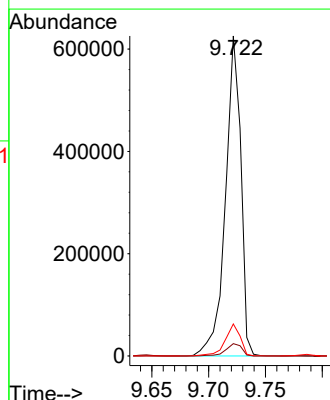
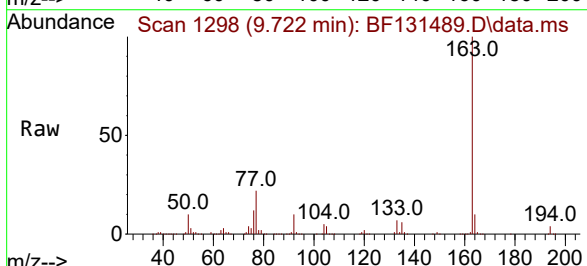
Tgt Ion:163 Resp: 589422

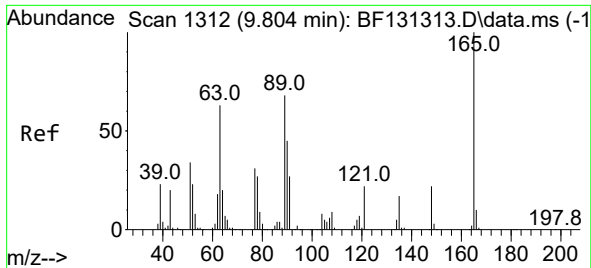
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 8.5 12.7

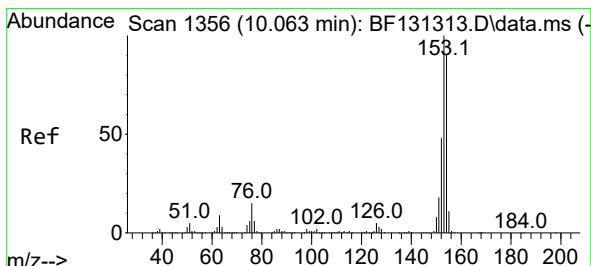
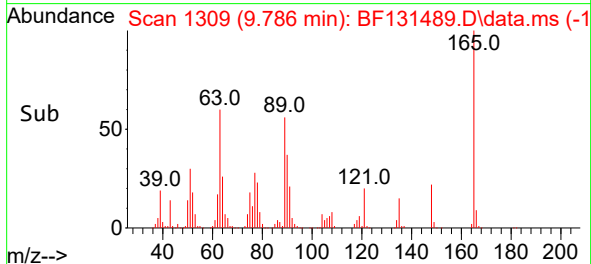
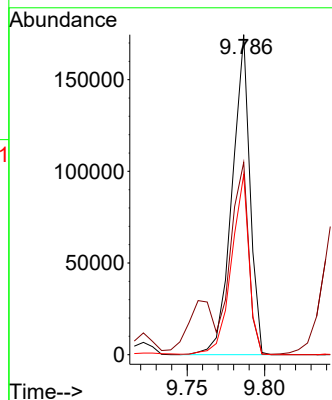
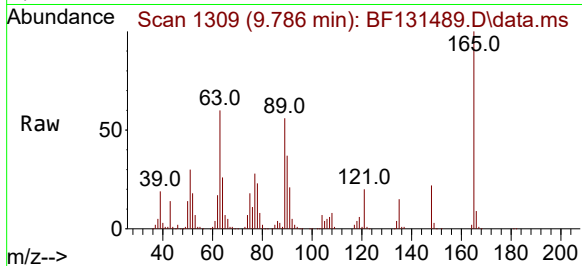




#51
2,6-Dinitrotoluene
Concen: 55.069 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

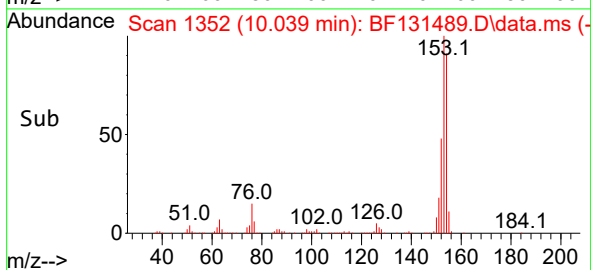
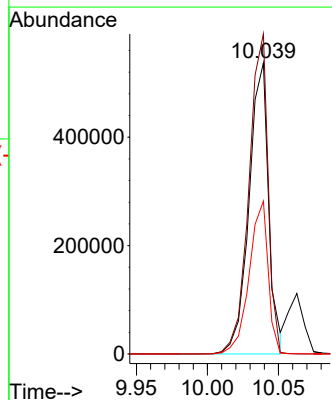
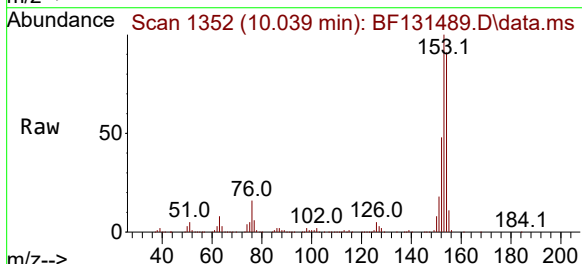
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

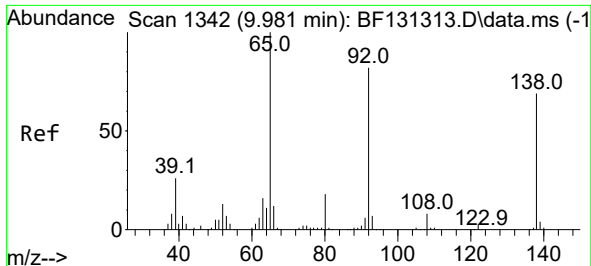
Tgt Ion:165 Resp: 140010
Ion Ratio Lower Upper
165 100
63 60.1 62.0 93.0#
89 56.3 54.4 81.6



#52
Acenaphthene
Concen: 48.327 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:154 Resp: 515282
Ion Ratio Lower Upper
154 100
153 110.0 88.4 132.6
152 52.5 42.8 64.2

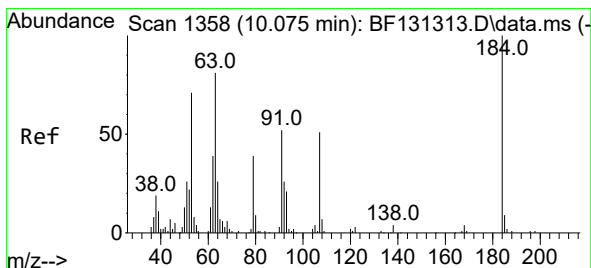
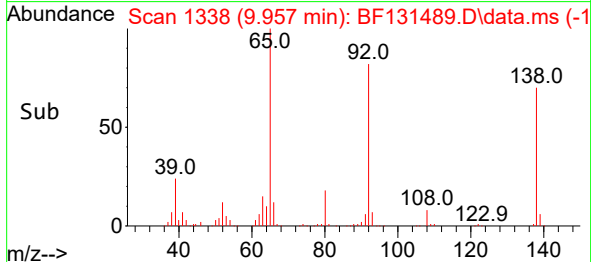
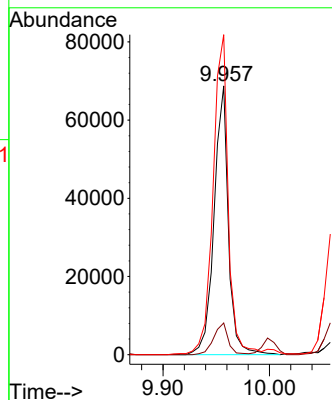
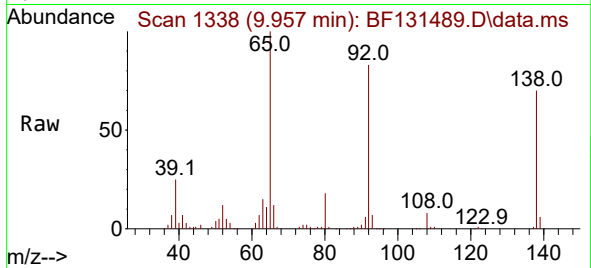




#53
3-Nitroaniline
Concen: 24.581 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

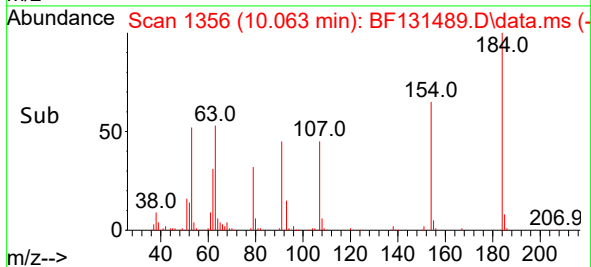
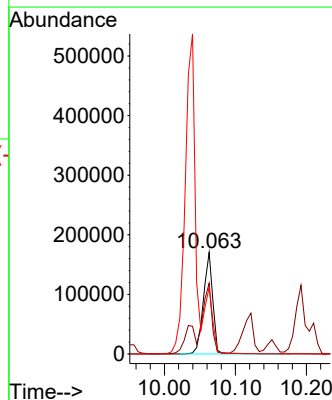
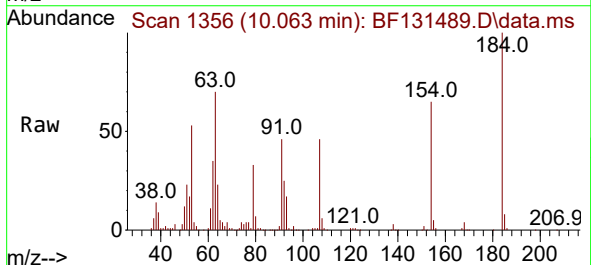
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

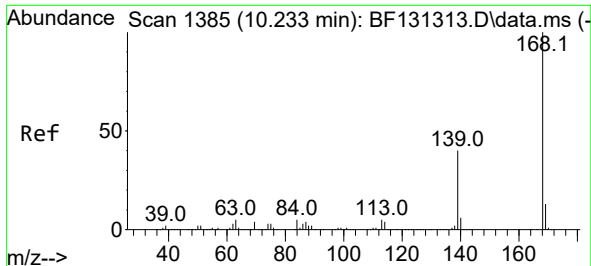
Tgt Ion:138 Resp: 64217
Ion Ratio Lower Upper
138 100
108 11.8 8.9 13.3
92 119.0 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 114.050 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:184 Resp: 157492
Ion Ratio Lower Upper
184 100
63 69.7 72.1 108.1#
154 65.4 56.3 84.5

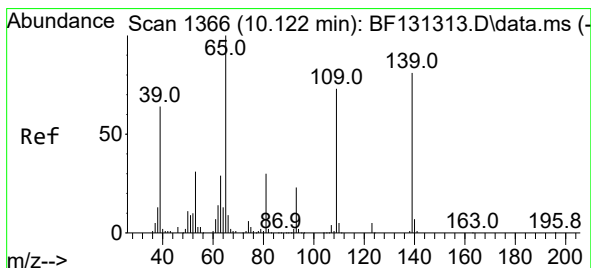
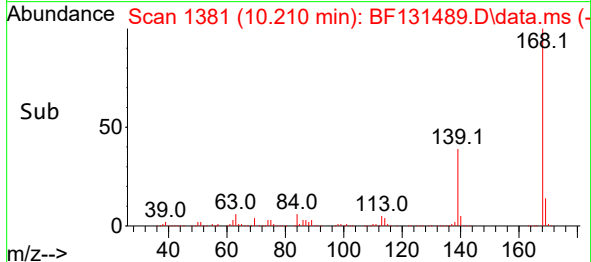
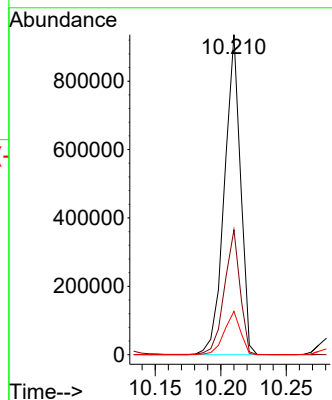
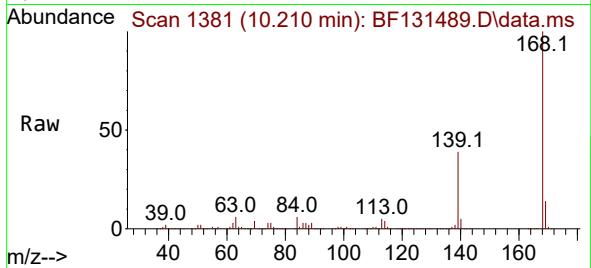




#55
Dibenzenofuran
Concen: 51.860 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

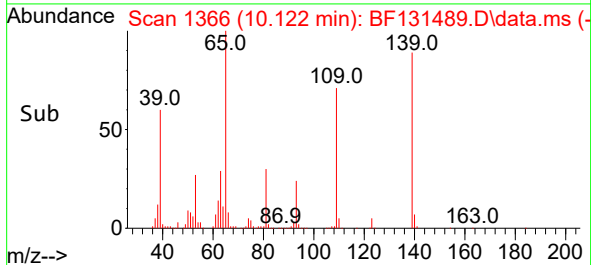
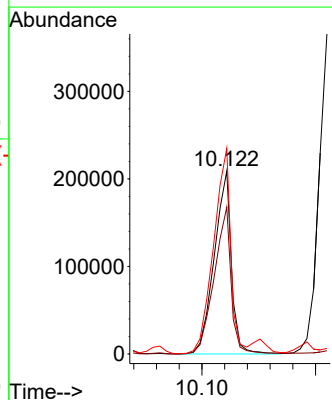
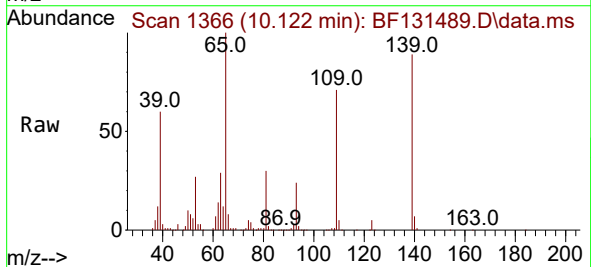
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

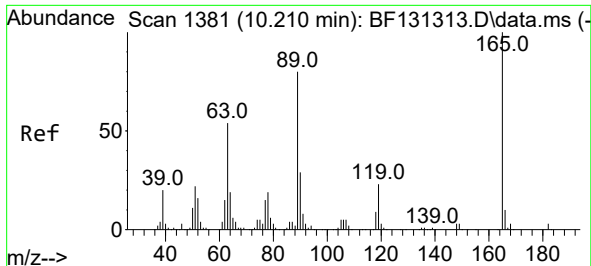
Tgt Ion:168 Resp: 795520
Ion Ratio Lower Upper
168 100
139 39.1 31.7 47.5
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 121.152 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.012 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:139 Resp: 219663
Ion Ratio Lower Upper
139 100
109 80.2 69.6 109.6
65 112.4 103.4 143.4

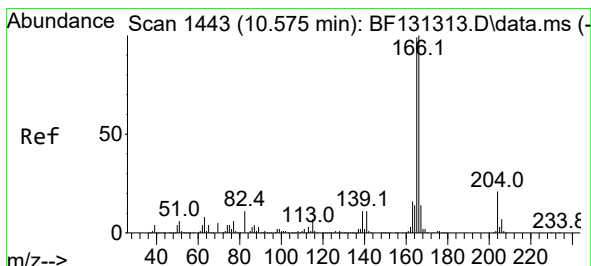
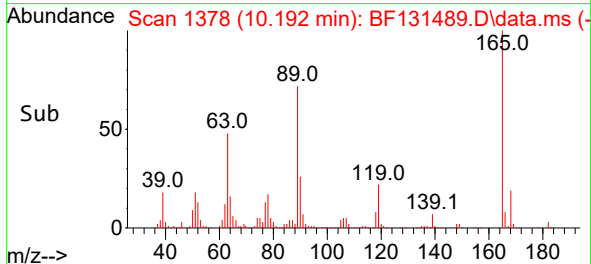
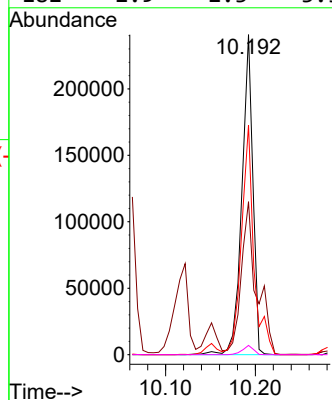
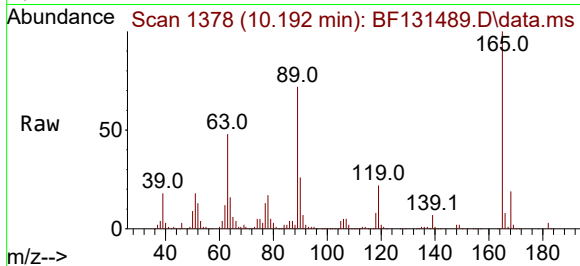




#57
2,4-Dinitrotoluene
Concen: 64.231 ng
RT: 10.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

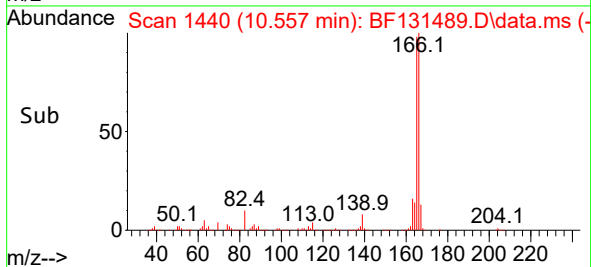
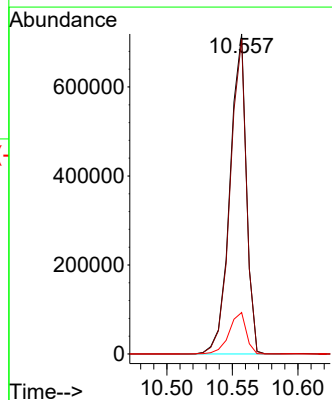
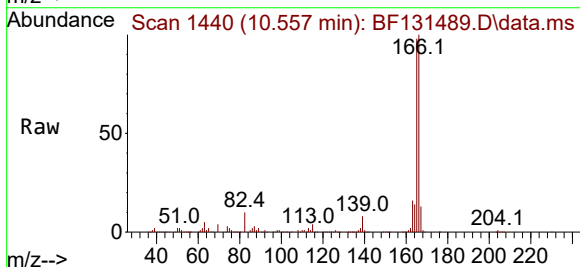
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

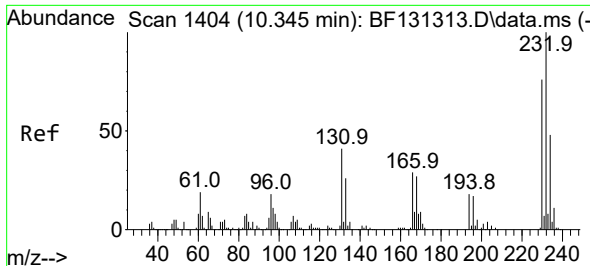
Tgt Ion:165 Resp: 205472
Ion Ratio Lower Upper
165 100
63 47.8 43.4 65.2
89 71.8 64.0 96.0
182 2.9 2.3 3.5



#58
Fluorene
Concen: 52.184 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:166 Resp: 624737
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.4
167 12.9 10.9 16.3

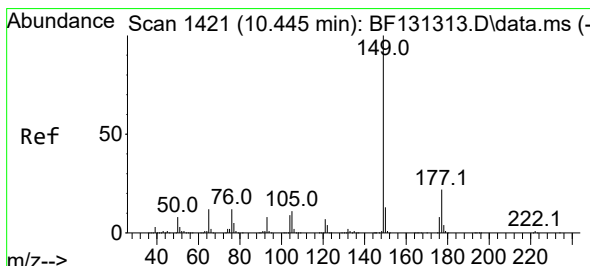
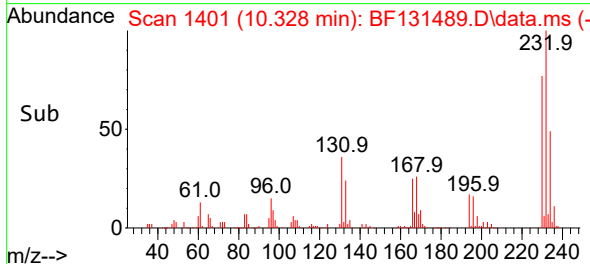
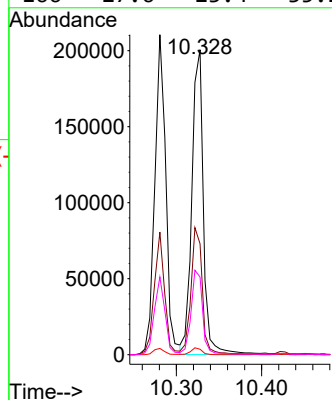
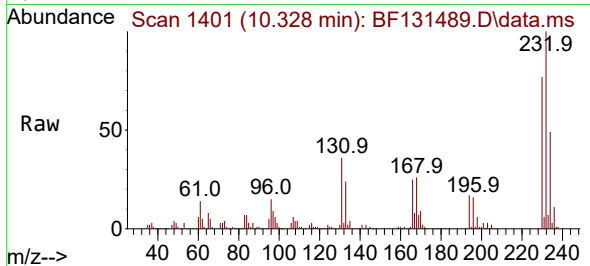




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.777 ng
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

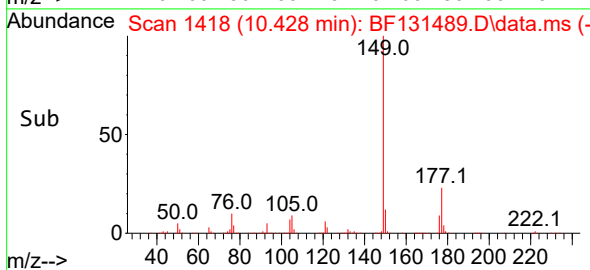
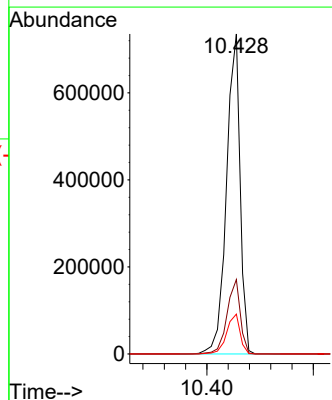
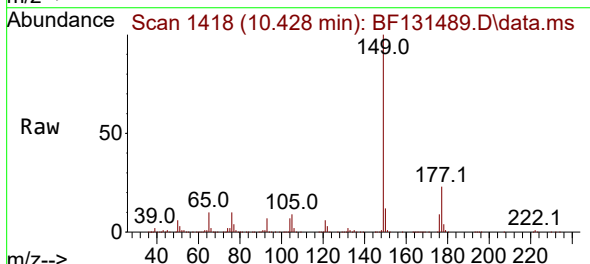
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

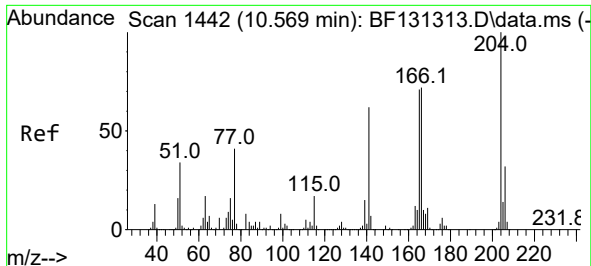
Tgt Ion:232 Resp: 188036
Ion Ratio Lower Upper
232 100
131 40.7 35.2 52.8
130 2.1 1.8 2.8
166 27.6 23.4 35.2



#60
Diethylphthalate
Concen: 53.981 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:149 Resp: 647995
Ion Ratio Lower Upper
149 100
177 23.2 17.6 26.4
150 12.5 10.2 15.4

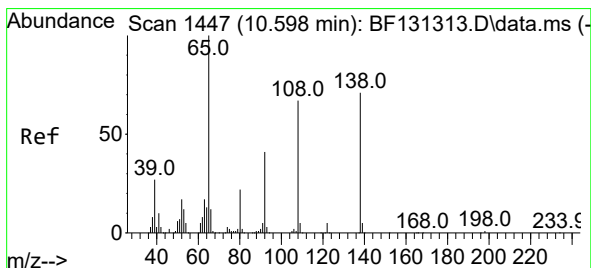
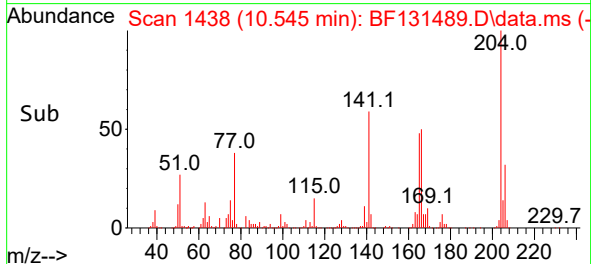
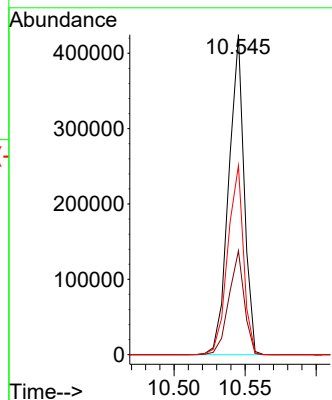
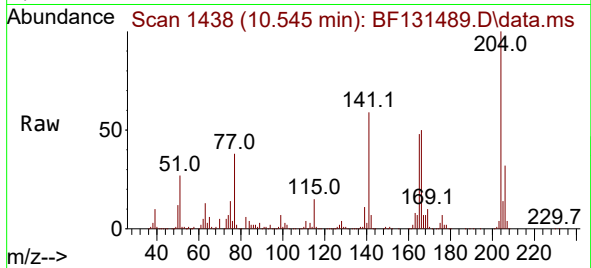




#61
4-Chlorophenyl-phenylether
Concen: 52.336 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

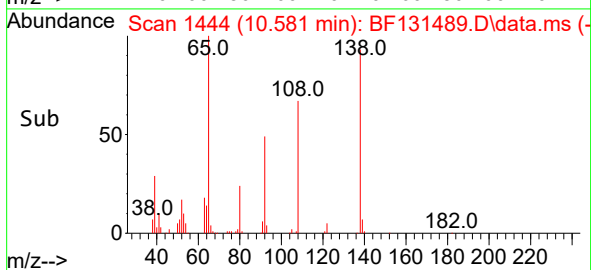
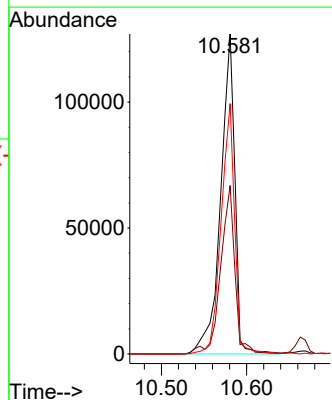
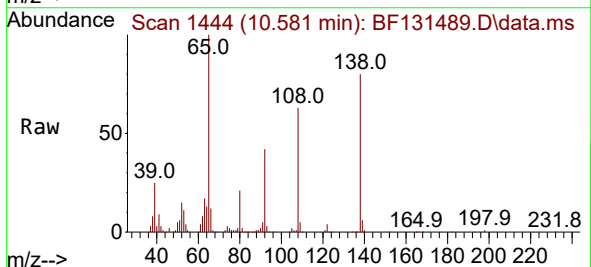
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

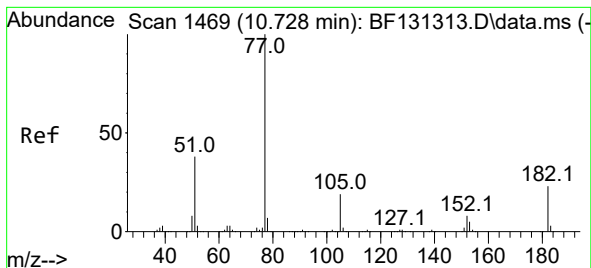
Tgt Ion:204 Resp: 321195
Ion Ratio Lower Upper
204 100
206 32.5 25.7 38.5
141 59.1 49.2 73.8



#62
4-Nitroaniline
Concen: 56.616 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:138 Resp: 147203
Ion Ratio Lower Upper
138 100
92 52.6 37.0 77.0
108 78.3 74.0 114.0





#63

Azobenzene

Concen: 49.597 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion: 77 Resp: 640158

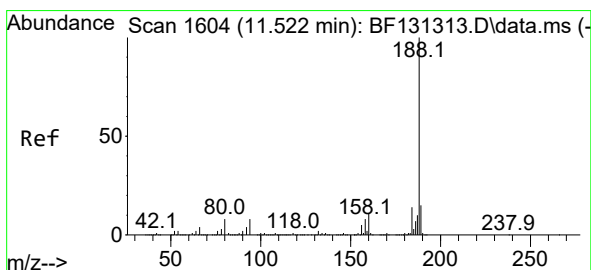
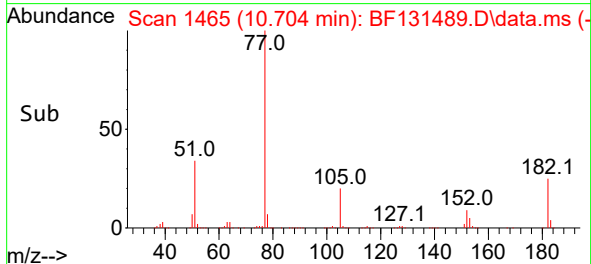
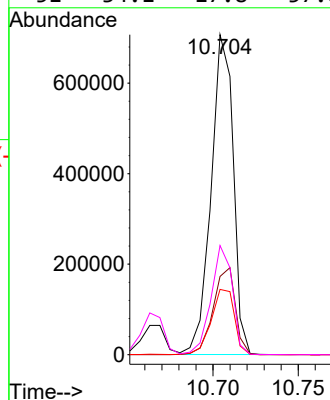
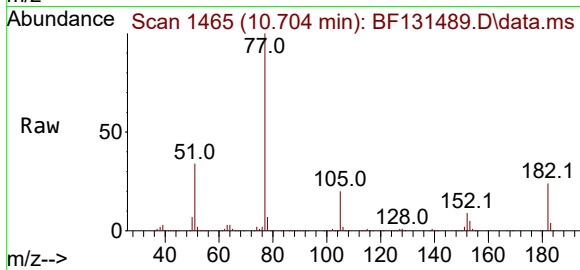
Ion Ratio Lower Upper

77 100

182 24.5 3.1 43.1

105 20.4 0.0 39.2

51 34.1 17.8 57.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

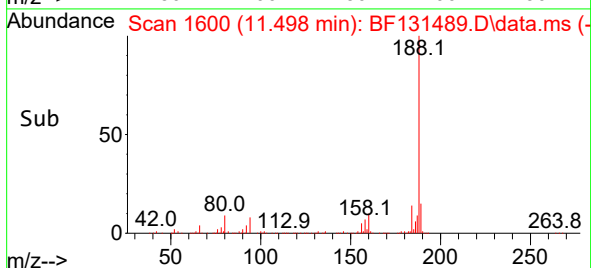
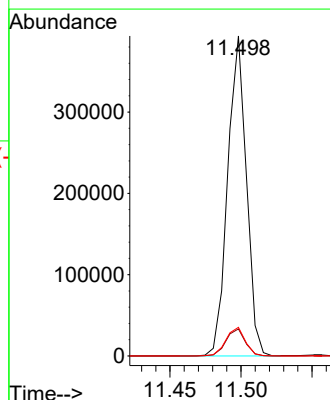
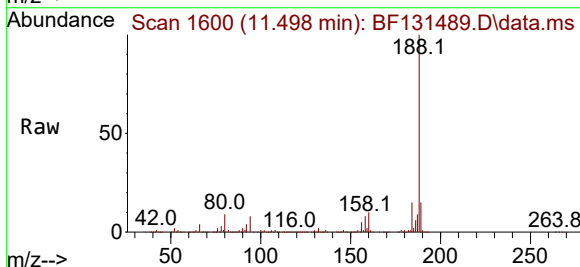
Tgt Ion:188 Resp: 360052

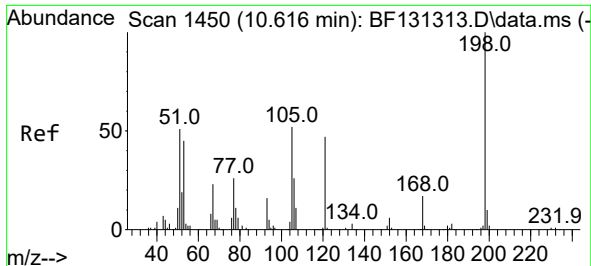
Ion Ratio Lower Upper

188 100

94 8.4 6.3 9.5

80 9.0 6.8 10.2

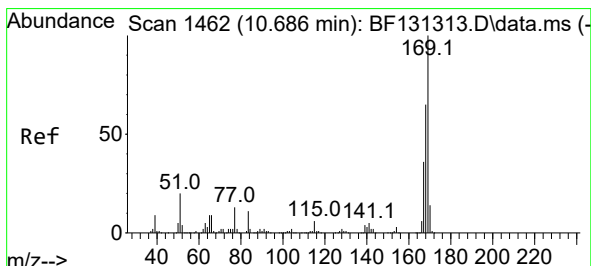
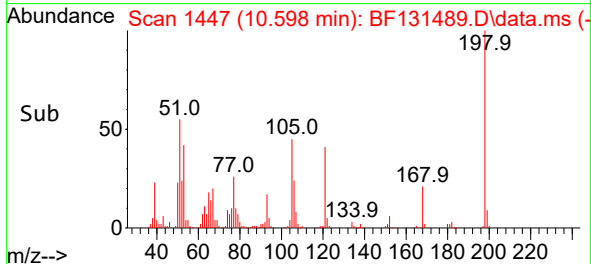
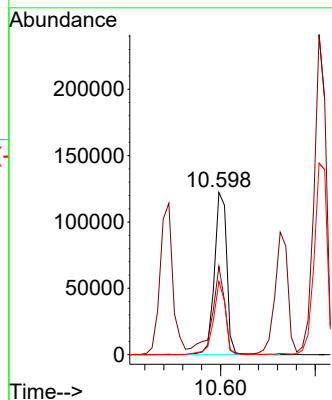
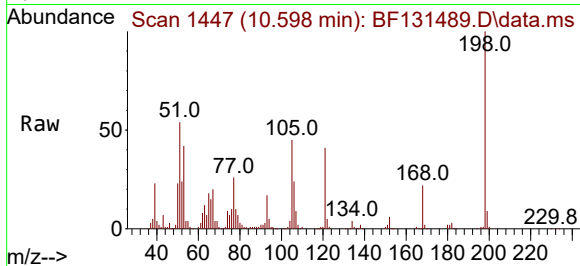




#65
4,6-Dinitro-2-methylphenol
Concen: 64.593 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

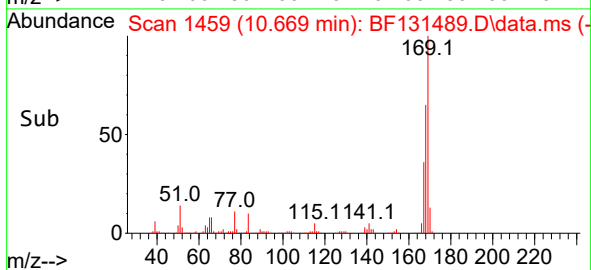
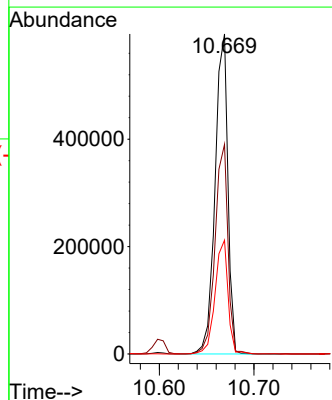
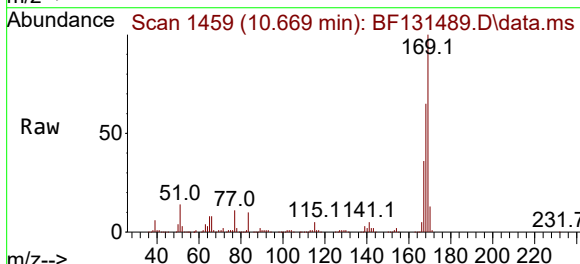
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

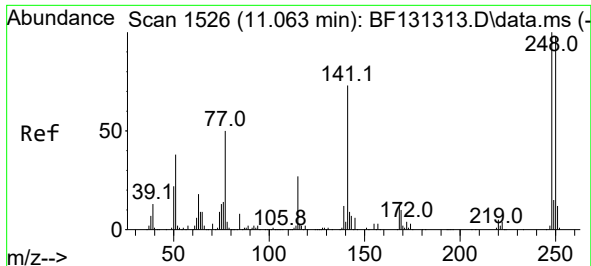
Tgt Ion:198 Resp: 110328
Ion Ratio Lower Upper
198 100
51 54.4 50.1 90.1
105 45.1 32.5 72.5



#66
n-Nitrosodiphenylamine
Concen: 48.521 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:169 Resp: 556678
Ion Ratio Lower Upper
169 100
168 65.5 52.4 78.6
167 35.6 29.2 43.8

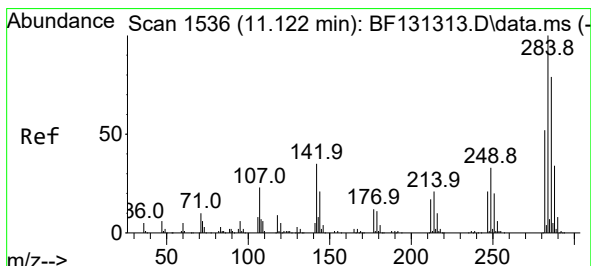
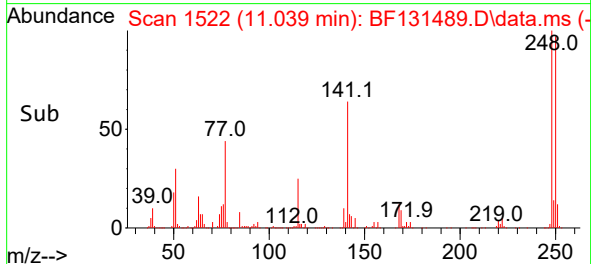
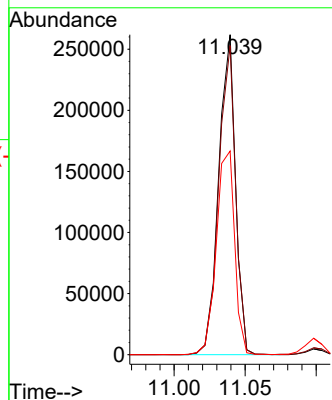
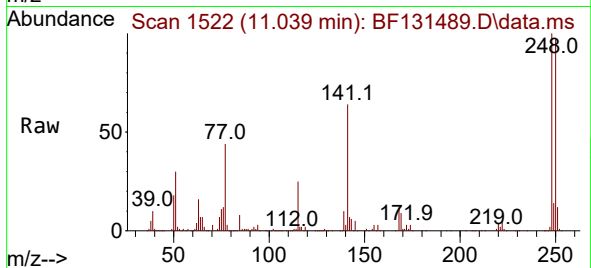




#67
4-Bromophenyl-phenylether
Concen: 48.779 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

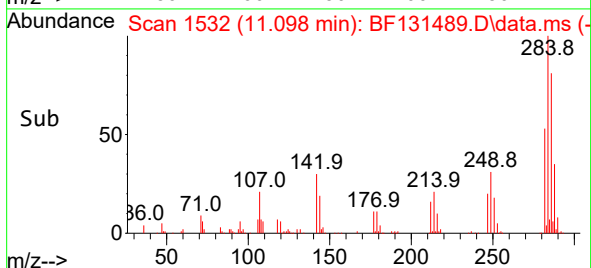
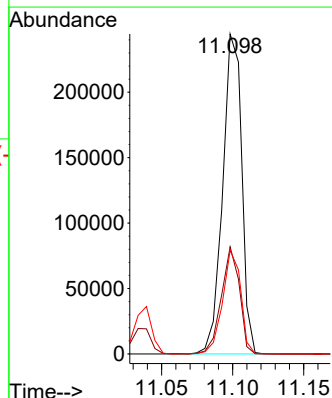
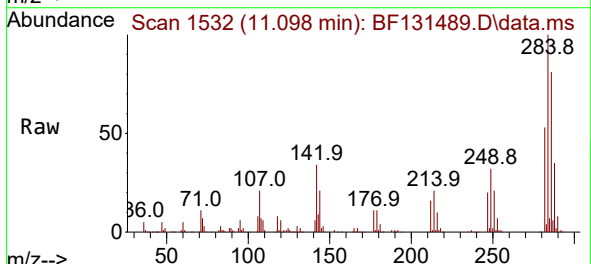
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

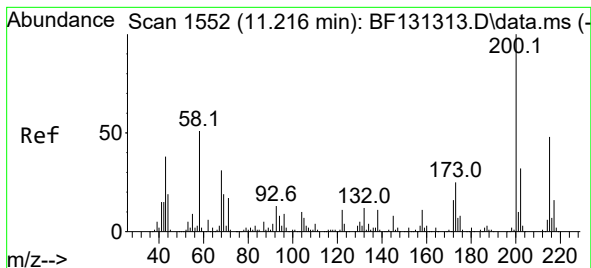
Tgt Ion:248 Resp: 215259
Ion Ratio Lower Upper
248 100
250 96.6 78.3 117.5
141 63.7 58.0 87.0



#68
Hexachlorobenzene
Concen: 48.609 ng
RT: 11.098 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:284 Resp: 227665
Ion Ratio Lower Upper
284 100
142 33.5 28.4 42.6
249 32.3 26.5 39.7





#69

Atrazine

Concen: 56.878 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

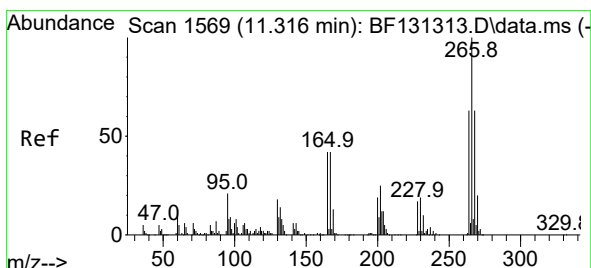
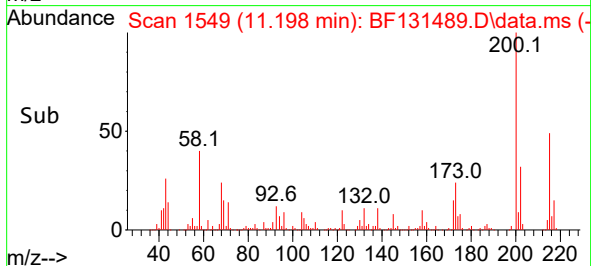
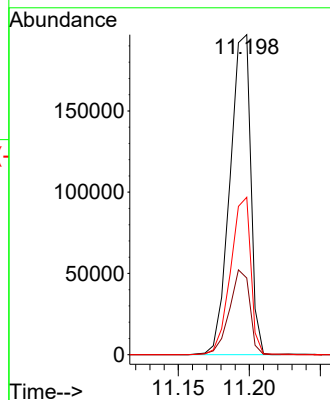
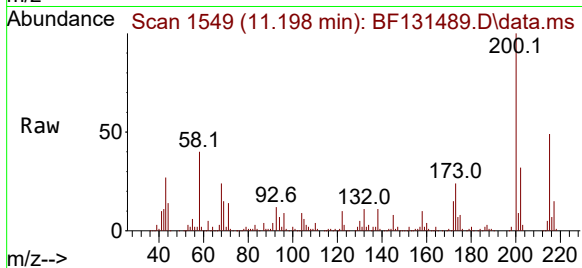
Tgt Ion:200 Resp: 200916

Ion Ratio Lower Upper

200 100

173 23.9 5.2 45.2

215 49.2 28.3 68.3



#70

Pentachlorophenol

Concen: 90.587 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

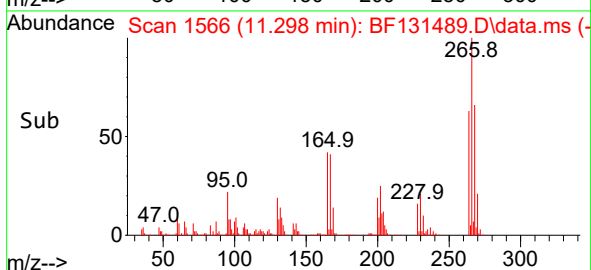
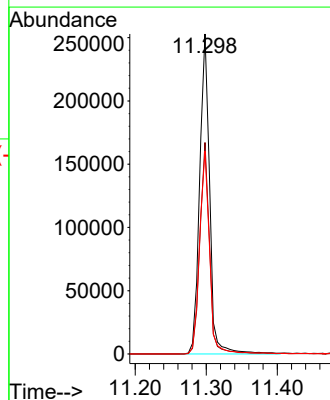
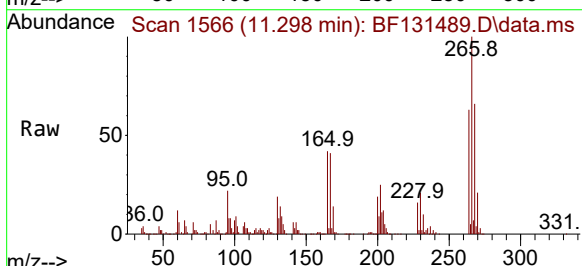
Tgt Ion:266 Resp: 248401

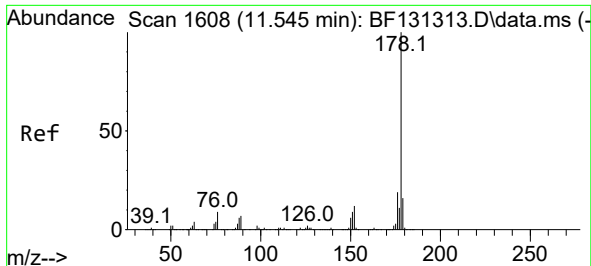
Ion Ratio Lower Upper

266 100

268 66.1 50.6 75.8

264 63.4 50.4 75.6

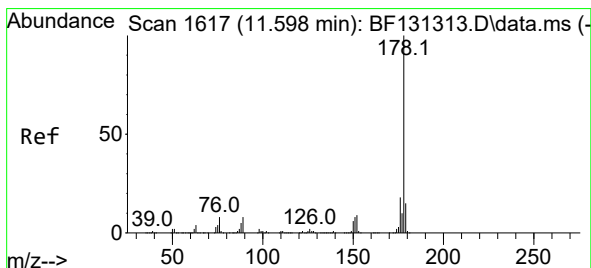
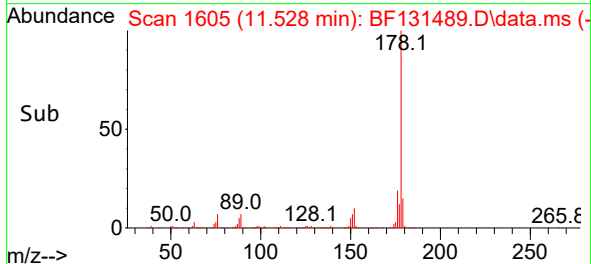
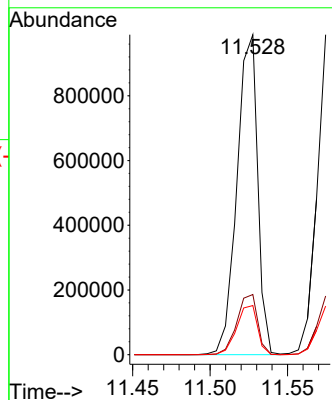
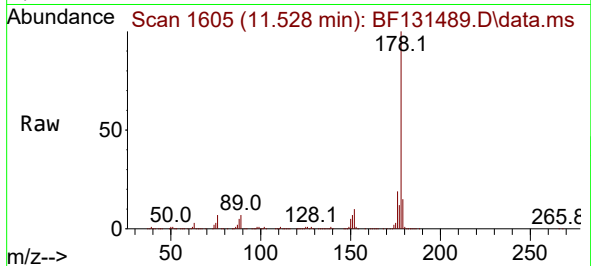




#71
Phenanthrene
Concen: 47.257 ng
RT: 11.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

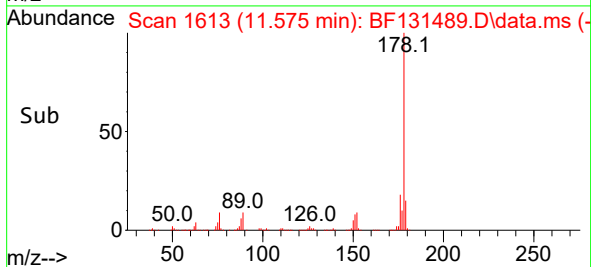
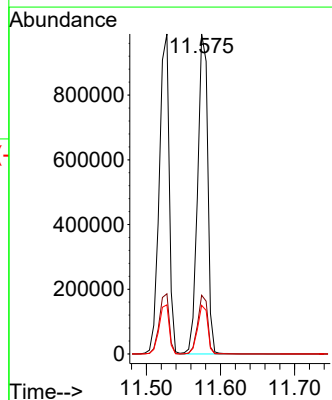
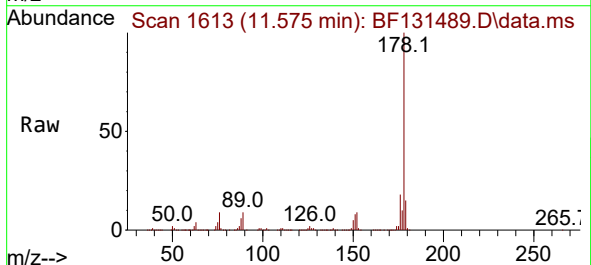
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

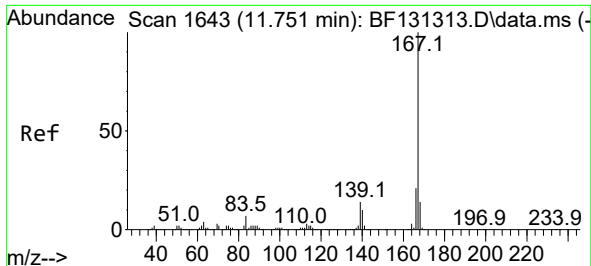
Tgt Ion:178 Resp: 919553
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.4 12.4 18.6



#72
Anthracene
Concen: 48.825 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:178 Resp: 933681
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.2 12.2 18.4

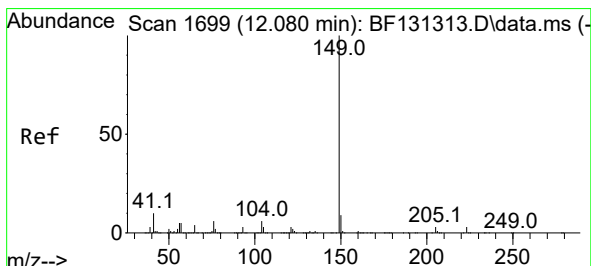
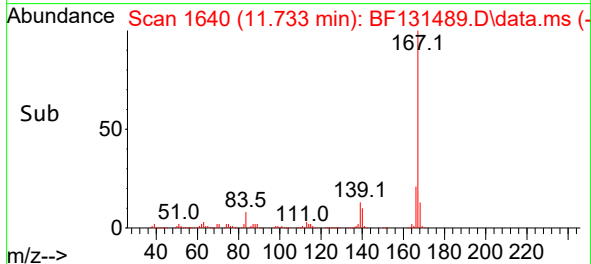
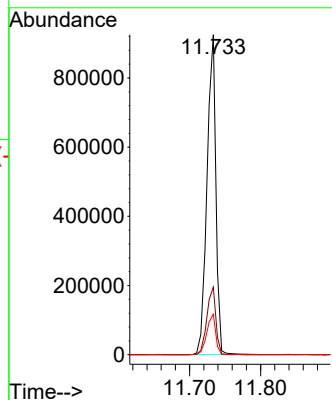
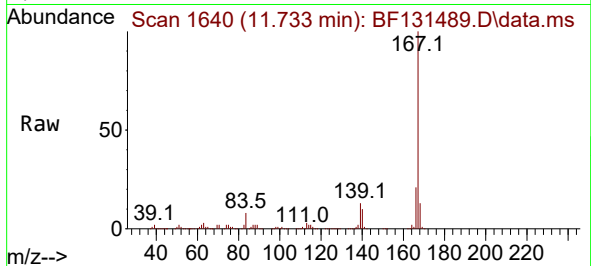




#73
 Carbazole
 Concen: 49.555 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: BF131489.D
 Acq: 01 Dec 2022 14:22

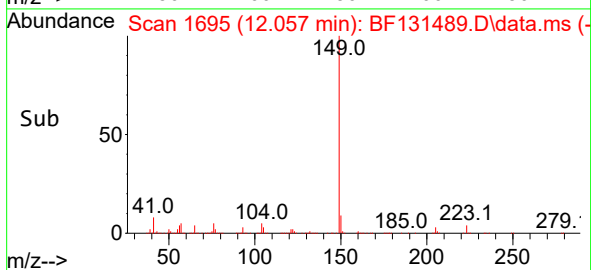
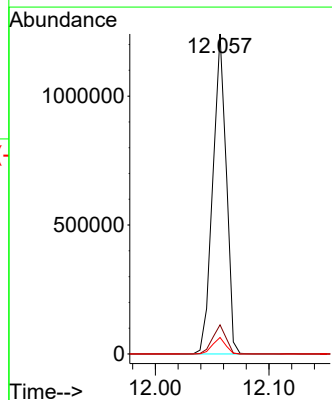
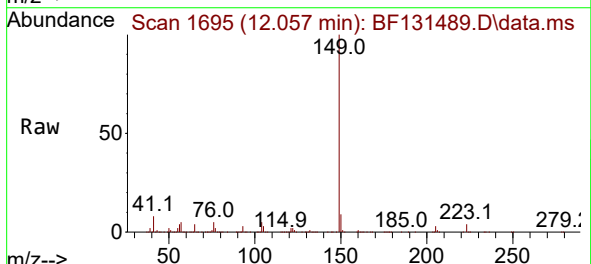
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

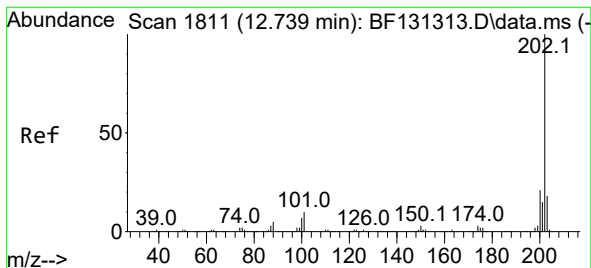
Tgt Ion:167 Resp: 808356
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 52.931 ng
 RT: 12.057 min Scan# 1695
 Delta R.T. -0.006 min
 Lab File: BF131489.D
 Acq: 01 Dec 2022 14:22

Tgt Ion:149 Resp: 1017417
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.1 4.7 7.1





#75

Fluoranthene

Concen: 46.290 ng

RT: 12.722 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

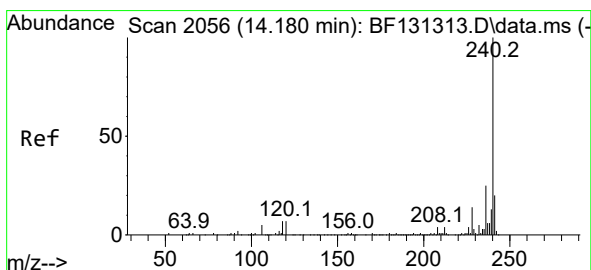
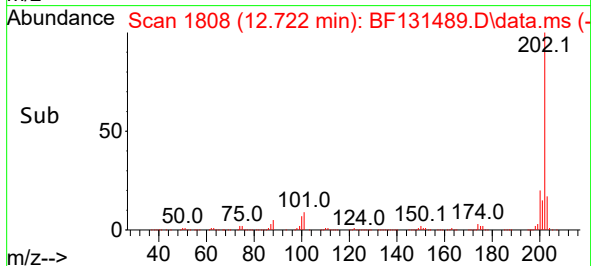
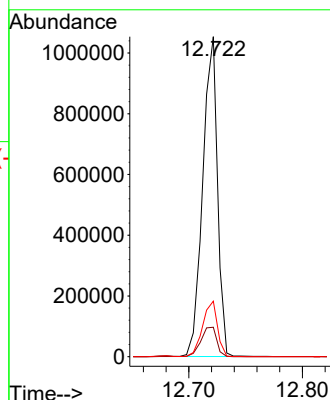
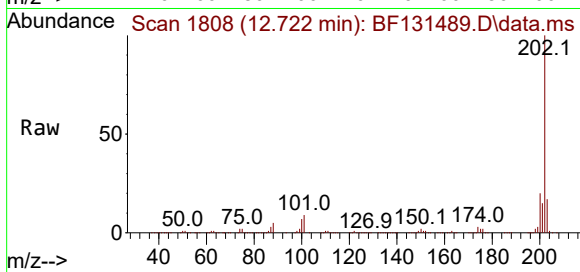
Tgt Ion:202 Resp: 949133

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.6

203 17.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. 0.000 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

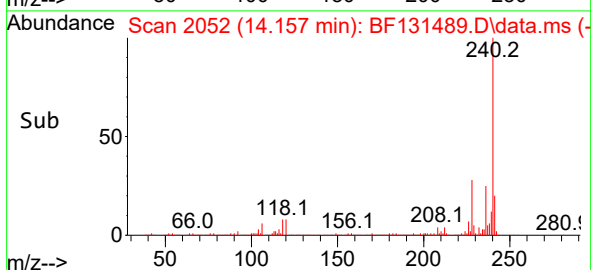
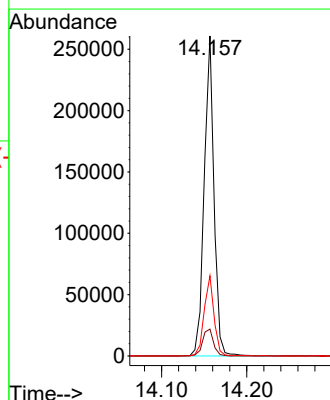
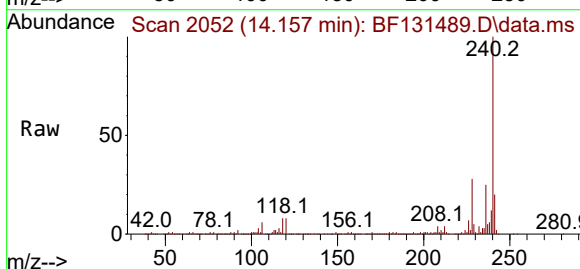
Tgt Ion:240 Resp: 207595

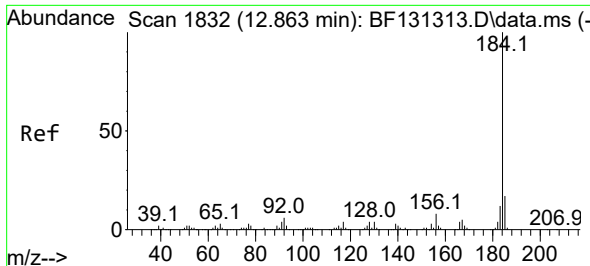
Ion Ratio Lower Upper

240 100

120 8.4 5.8 8.8

236 25.0 20.3 30.5

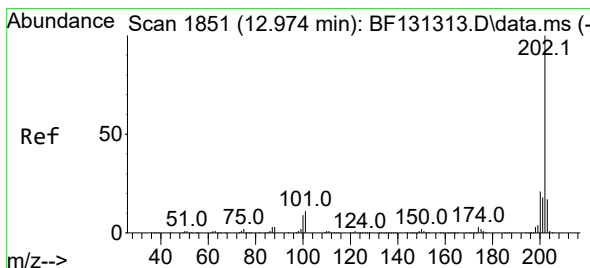
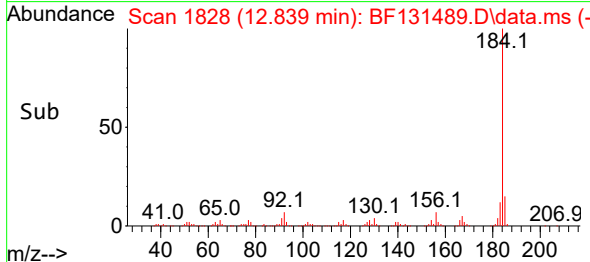
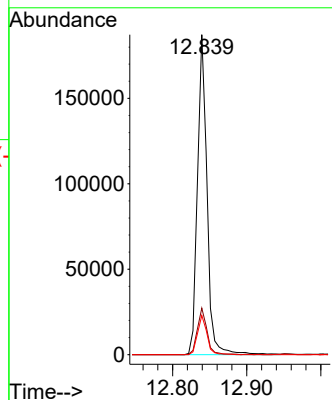
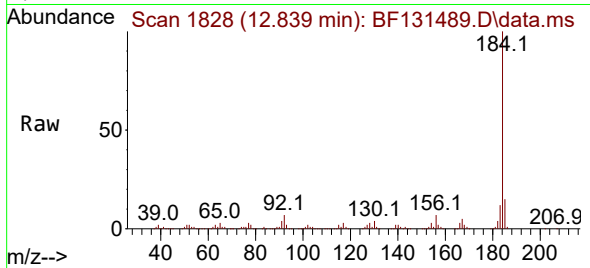




#77
Benzidine
Concen: 43.673 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

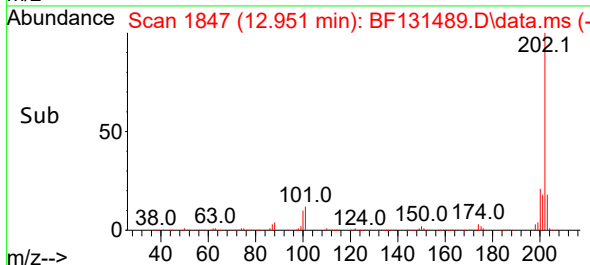
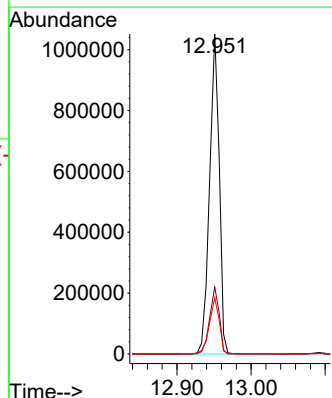
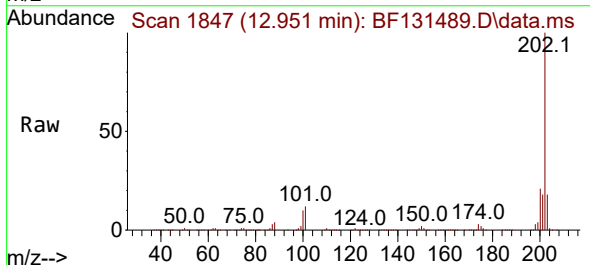
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

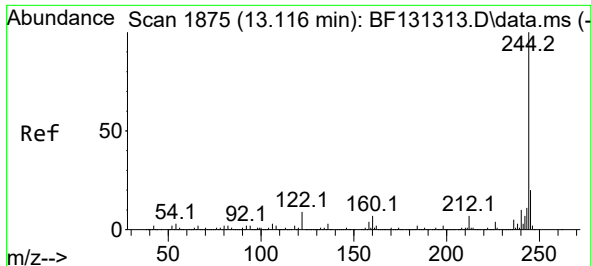
Tgt Ion:184 Resp: 167464
Ion Ratio Lower Upper
184 100
185 14.6 13.8 20.8
183 12.3 9.6 14.4



#78
Pyrene
Concen: 52.074 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:202 Resp: 953785
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.5 13.9 20.9

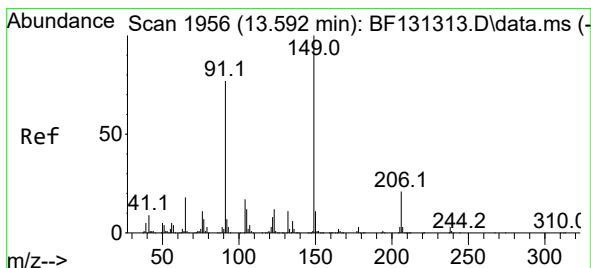
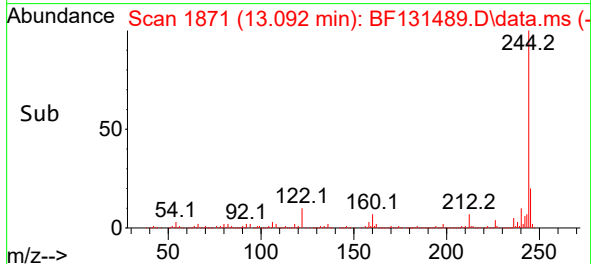
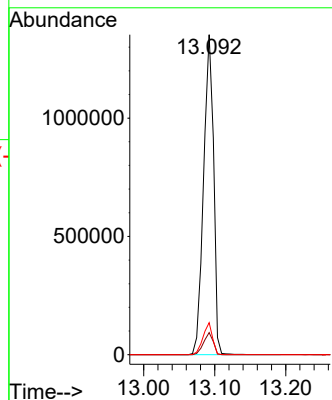
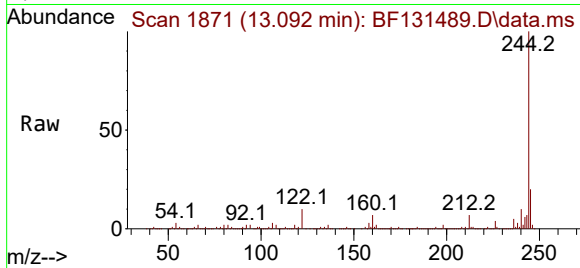




#79
 Terphenyl-d14
 Concen: 104.709 ng
 RT: 13.092 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131489.D
 Acq: 01 Dec 2022 14:22

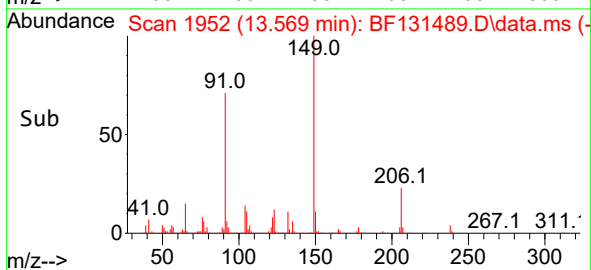
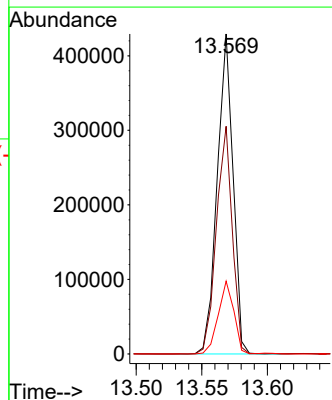
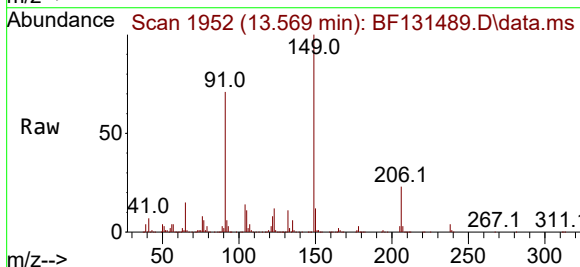
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

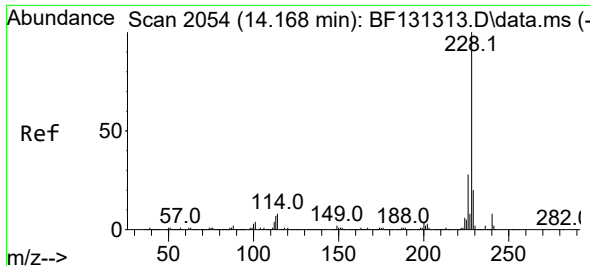
Tgt Ion:244 Resp: 1329272
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.0 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 57.502 ng
 RT: 13.569 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: BF131489.D
 Acq: 01 Dec 2022 14:22

Tgt Ion:149 Resp: 359862
 Ion Ratio Lower Upper
 149 100
 91 71.1 61.9 92.9
 206 22.8 16.5 24.7

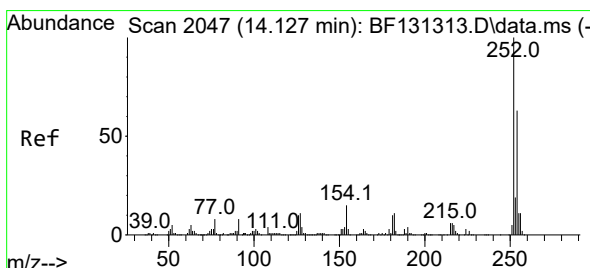
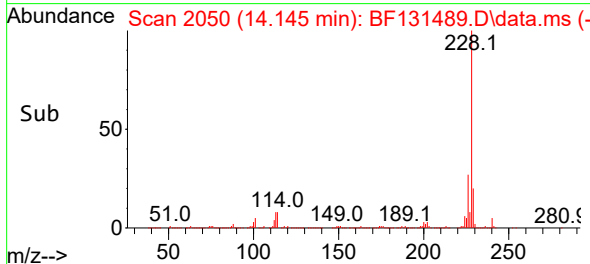
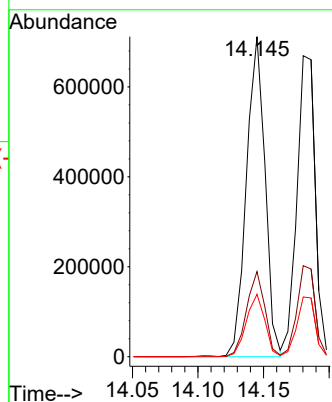
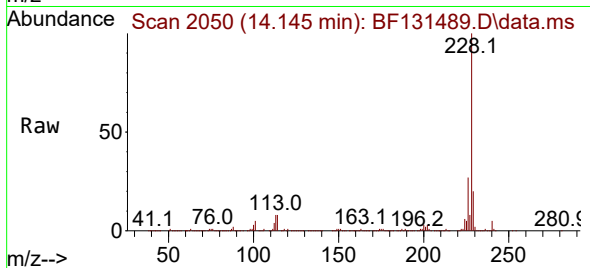




#81
Benzo(a)anthracene
Concen: 49.220 ng
RT: 14.145 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

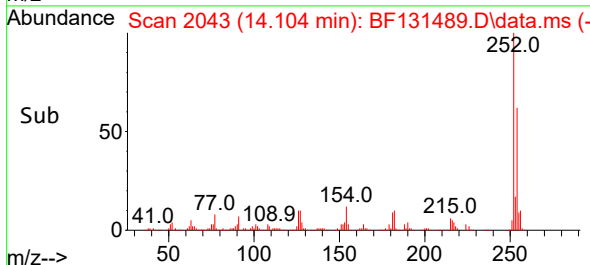
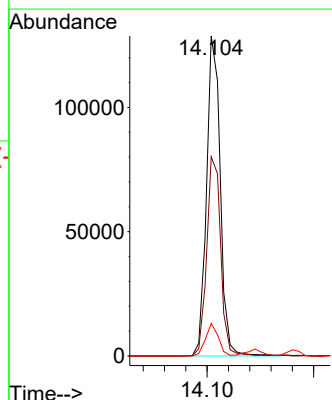
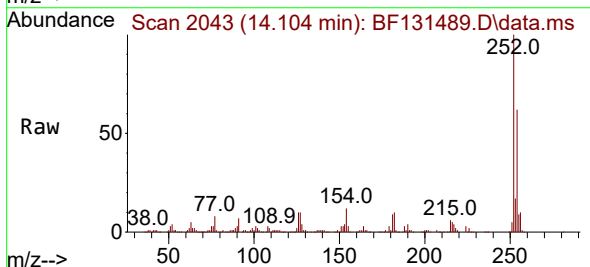
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

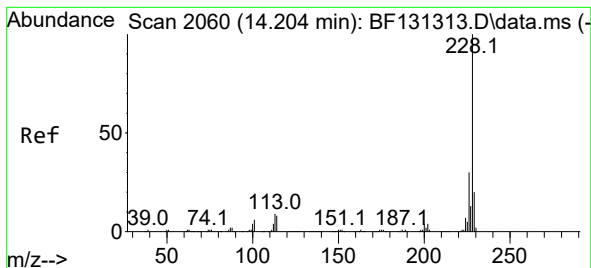
Tgt Ion:228 Resp: 700381
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 30.597 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:252 Resp: 115532
Ion Ratio Lower Upper
252 100
254 62.3 50.8 76.2
126 10.2 8.3 12.5





#83

Chrysene

Concen: 46.854 ng

RT: 14.180 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

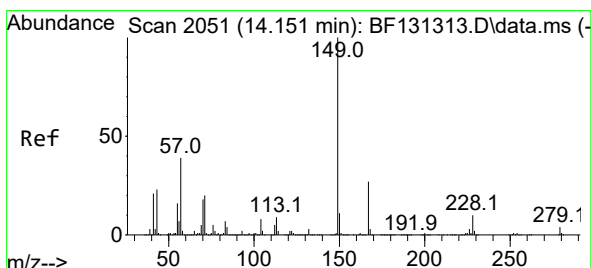
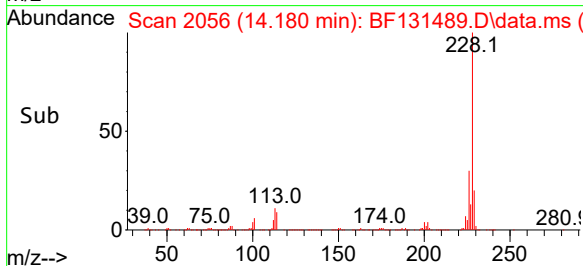
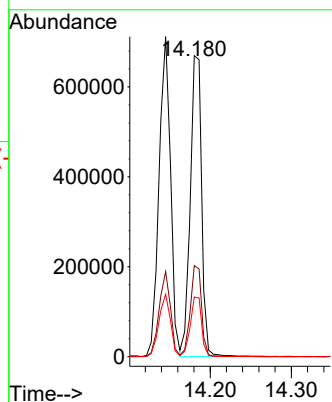
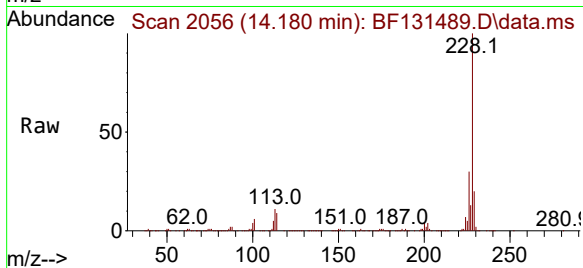
Tgt Ion:228 Resp: 654114

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 19.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.138 ng

RT: 14.127 min Scan# 2047

Delta R.T. 0.000 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

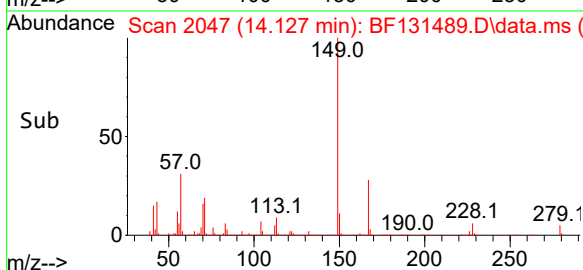
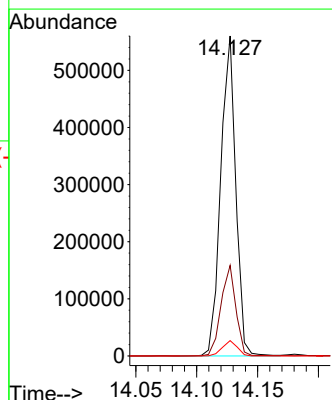
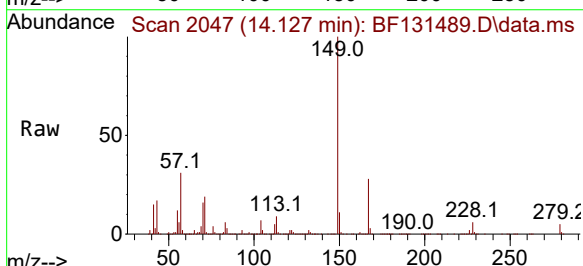
Tgt Ion:149 Resp: 482442

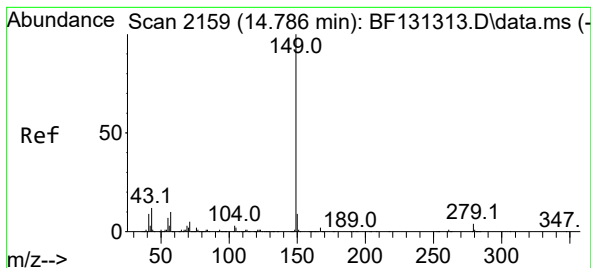
Ion Ratio Lower Upper

149 100

167 28.3 21.9 32.9

279 4.8 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 56.069 ng

RT: 14.751 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

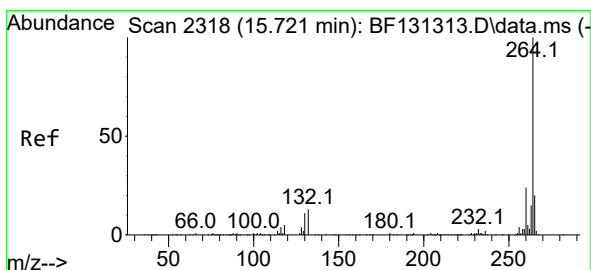
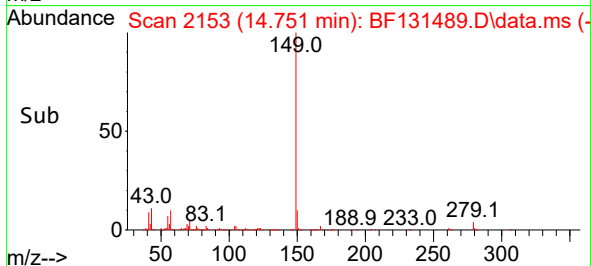
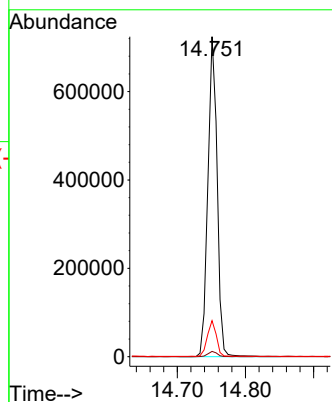
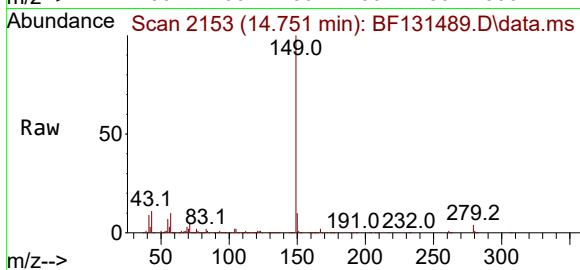
Tgt Ion:149 Resp: 684431

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 11.0 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 2312

Delta R.T. -0.006 min

Lab File: BF131489.D

Acq: 01 Dec 2022 14:22

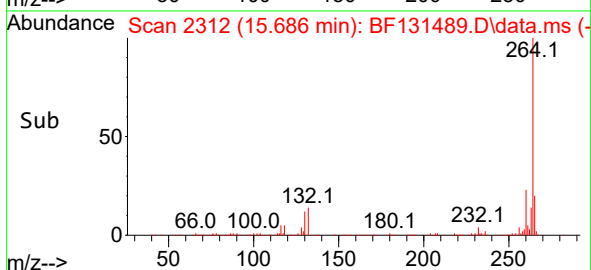
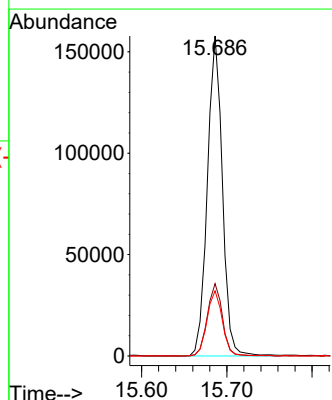
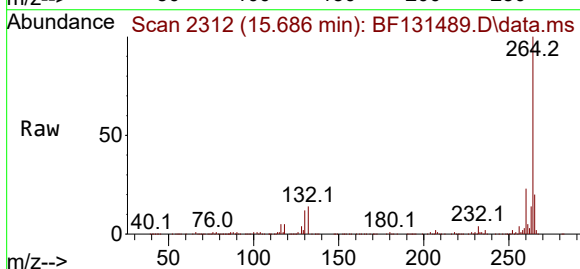
Tgt Ion:264 Resp: 193078

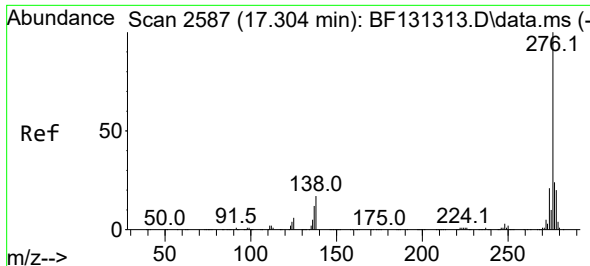
Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 20.4 16.4 24.6

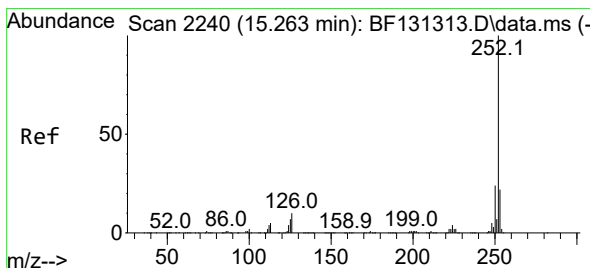
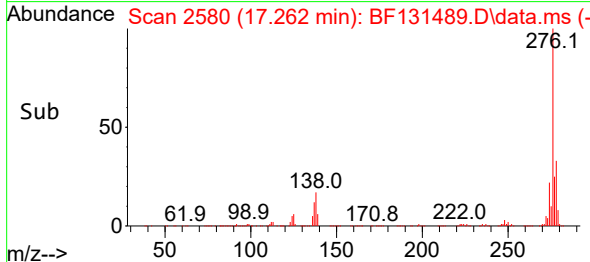
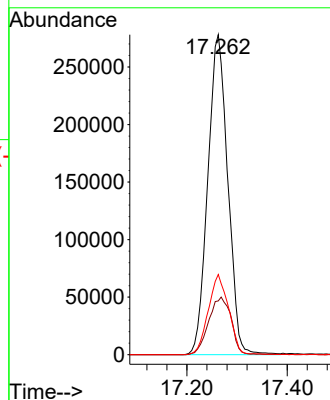
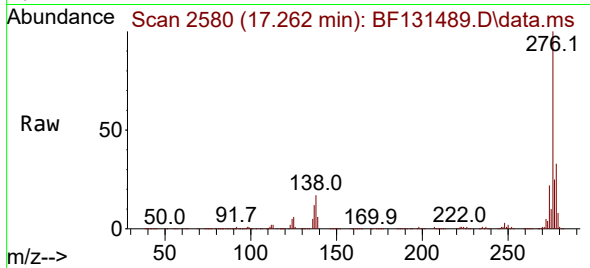




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.417 ng
 RT: 17.262 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131489.D
 Acq: 01 Dec 2022 14:22

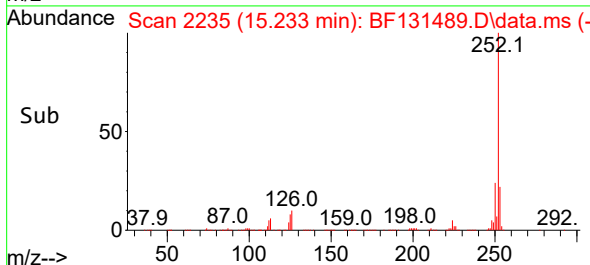
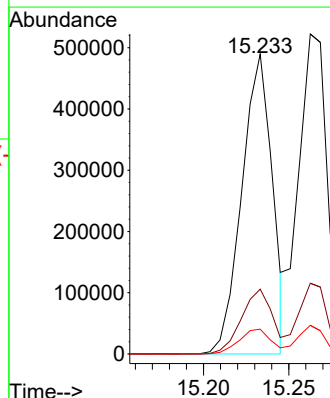
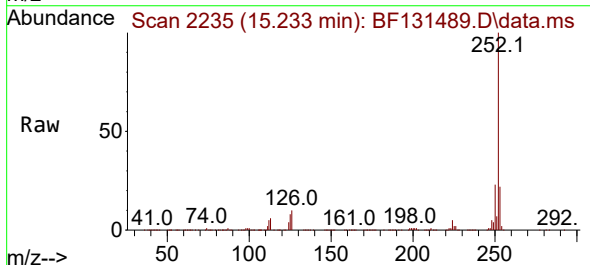
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

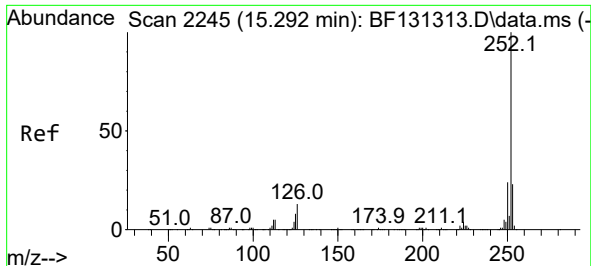
Tgt Ion:276 Resp: 770518
 Ion Ratio Lower Upper
 276 100
 138 20.3 15.8 23.6
 277 25.5 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 47.511 ng
 RT: 15.233 min Scan# 2235
 Delta R.T. 0.000 min
 Lab File: BF131489.D
 Acq: 01 Dec 2022 14:22

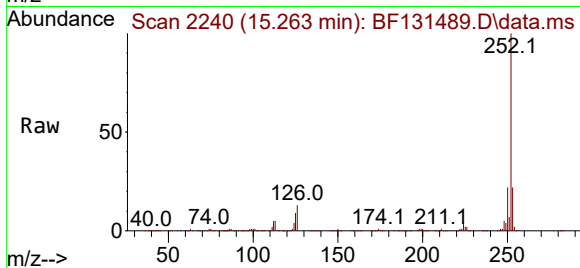
Tgt Ion:252 Resp: 609403
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 8.3 5.8 8.6



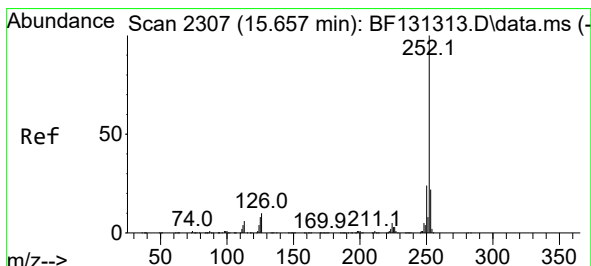
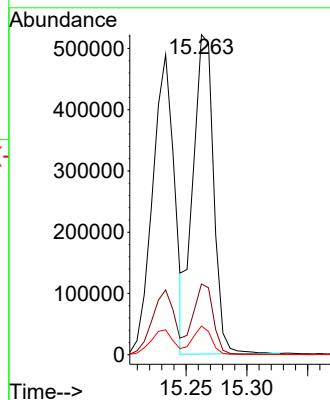
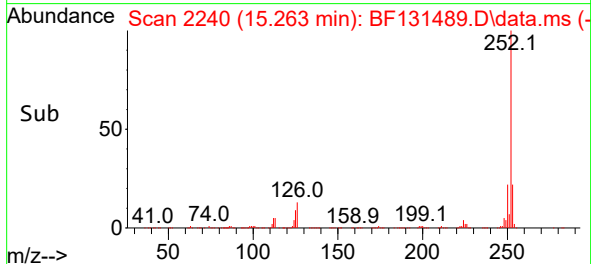


#89
Benzo(k)fluoranthene
Concen: 46.620 ng
RT: 15.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

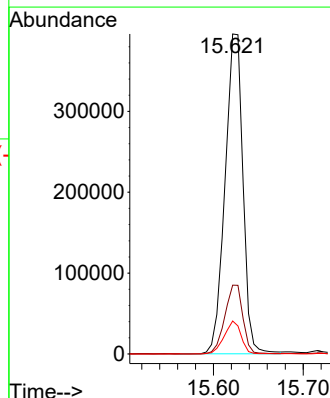
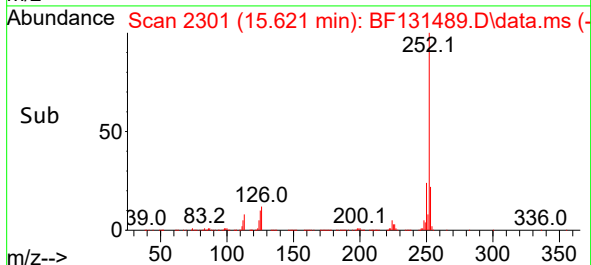
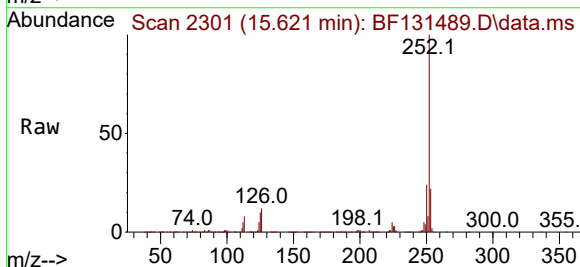


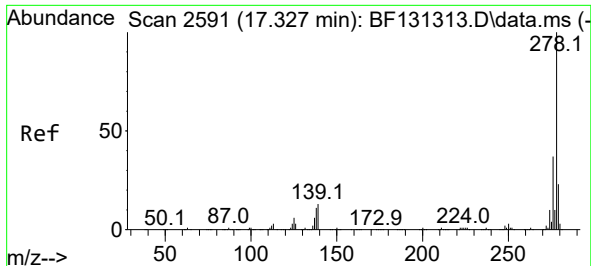
Tgt Ion:252 Resp: 614505
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.9 6.6 10.0



#90
Benzo(a)pyrene
Concen: 52.057 ng
RT: 15.621 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:252 Resp: 547880
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.3 6.1 9.1#

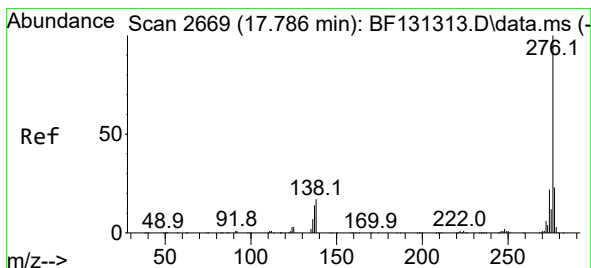
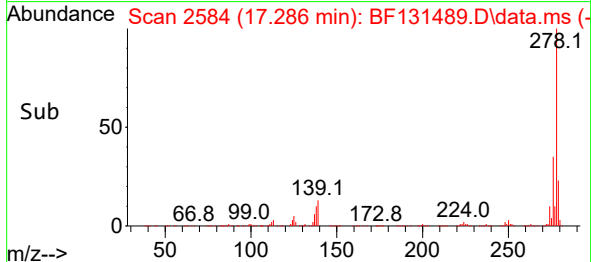
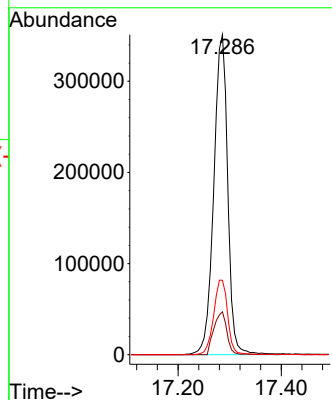
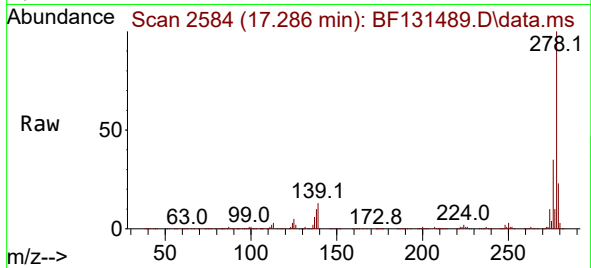




#91
Dibenzo(a,h)anthracene
Concen: 61.462 ng
RT: 17.286 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Tgt Ion:278 Resp: 658034
Ion Ratio Lower Upper
278 100
139 13.4 10.4 15.6
279 23.3 18.3 27.5



#92
Benzo(g,h,i)perylene
Concen: 61.973 ng
RT: 17.745 min Scan# 2662
Delta R.T. 0.006 min
Lab File: BF131489.D
Acq: 01 Dec 2022 14:22

Tgt Ion:276 Resp: 662231
Ion Ratio Lower Upper
276 100
277 23.0 18.3 27.5
138 18.3 13.8 20.6

