

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132567.D
 Acq On : 28 Feb 2023 12:27
 Operator : CG\JU
 Sample : PB151085BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151085BS

Quant Time: Feb 28 13:21:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	208336	20.000	ng	0.00
21) Naphthalene-d8	8.293	136	756469	20.000	ng	0.00
39) Acenaphthene-d10	10.057	164	418180	20.000	ng	0.00
64) Phenanthrene-d10	11.551	188	823311	20.000	ng	0.00
76) Chrysene-d12	14.210	240	505797	20.000	ng	0.00
86) Perylene-d12	15.757	264	458530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1212217	94.434	ng	0.01
7) Phenol-d6	6.640	99	1583761	94.536	ng	0.00
23) Nitrobenzene-d5	7.575	82	1055470	66.197	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	484444	107.269	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	1732284	63.075	ng	0.00
79) Terphenyl-d14	13.139	244	2098408	70.144	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.975	88	239628	33.747	ng	99
3) Pyridine	3.722	79	602150	31.947	ng	99
4) n-Nitrosodimethylamine	3.693	42	296985	41.714	ng	97
6) Aniline	6.669	93	844901	37.475	ng	99
8) 2-Chlorophenol	6.798	128	570864	42.848	ng	94
9) Benzaldehyde	6.557	77	354761	39.244	ng	99
10) Phenol	6.651	94	791841	41.227	ng	94
11) bis(2-Chloroethyl)ether	6.740	93	618419	41.708	ng	98
12) 1,3-Dichlorobenzene	6.946	146	618791	43.281	ng	98
13) 1,4-Dichlorobenzene	7.022	146	622334	43.593	ng	98
14) 1,2-Dichlorobenzene	7.175	146	572938	41.818	ng	99
15) Benzyl Alcohol	7.151	79	575402	44.597	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	784260	41.478	ng	99
17) 2-Methylphenol	7.257	107	497572	40.017	ng	99
18) Hexachloroethane	7.516	117	248522	44.559	ng	99
19) n-Nitroso-di-n-propyla...	7.422	70	414642	40.216	ng	98
20) 3+4-Methylphenols	7.410	107	578043	35.984	ng	91
22) Acetophenone	7.416	105	803664	42.132	ng	# 92
24) Nitrobenzene	7.593	77	709898	41.631	ng	96
25) Isophorone	7.828	82	1293802	42.324	ng	98
26) 2-Nitrophenol	7.904	139	323865	43.046	ng	92
27) 2,4-Dimethylphenol	7.940	122	498069	41.944	ng	95
28) bis(2-Chloroethoxy)met...	8.034	93	741319	41.455	ng	99
29) 2,4-Dichlorophenol	8.151	162	497919	42.153	ng	99
30) 1,2,4-Trichlorobenzene	8.234	180	568145	44.295	ng	98
31) Naphthalene	8.316	128	1581462	40.837	ng	100
32) Benzoic acid	8.081	122	383797	41.573	ng	89
33) 4-Chloroaniline	8.357	127	297592	17.932	ng	97
34) Hexachlorobutadiene	8.428	225	376572	46.202	ng	99
35) Caprolactam	8.751	113	114188	29.322	ng	94
36) 4-Chloro-3-methylphenol	8.845	107	574410	44.279	ng	98
37) 2-Methylnaphthalene	9.004	142	1065250	40.363	ng	99
38) 1-Methylnaphthalene	9.110	142	981774	39.806	ng	100
40) 1,2,4,5-Tetrachloroben...	9.175	216	580251	42.410	ng	98
41) Hexachlorocyclopentadiene	9.157	237	770718	103.858	ng	98
43) 2,4,6-Trichlorophenol	9.287	196	402733	43.435	ng	98

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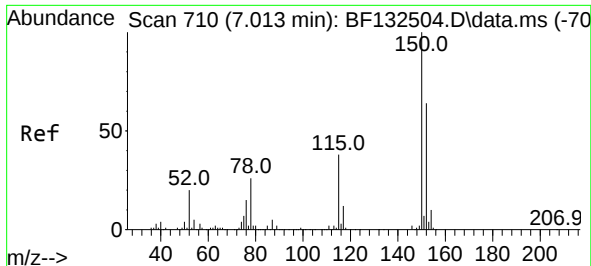
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	427614	39.514	ng	95
46) 1,1'-Biphenyl	9.475	154	1288043	40.695	ng	98
47) 2-Chloronaphthalene	9.498	162	1055085	42.044	ng	98
48) 2-Nitroaniline	9.598	65	370721	40.111	ng	97
49) Acenaphthylene	9.922	152	1602228	40.117	ng	99
50) Dimethylphthalate	9.775	163	1281831	42.098	ng	100
51) 2,6-Dinitrotoluene	9.839	165	293129	42.272	ng	97
52) Acenaphthene	10.092	154	989785	39.029	ng	99
53) 3-Nitroaniline	10.010	138	212822	27.436	ng	99
54) 2,4-Dinitrophenol	10.122	184	380453	86.901	ng	96
55) Dibenzofuran	10.263	168	1483100	40.115	ng	96
56) 4-Nitrophenol	10.175	139	469490	81.158	ng	86
57) 2,4-Dinitrotoluene	10.245	165	392659	42.563	ng	98
58) Fluorene	10.610	166	1148176	40.601	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.381	232	367125	45.669	ng	99
60) Diethylphthalate	10.475	149	1249539	42.019	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	605963	41.304	ng	97
62) 4-Nitroaniline	10.634	138	307402	40.371	ng	92
63) Azobenzene	10.757	77	1285678	40.823	ng	96
65) 4,6-Dinitro-2-methylph...	10.657	198	242297	43.474	ng	99
66) n-Nitrosodiphenylamine	10.716	169	1030549	40.150	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	389284	41.800	ng	92
68) Hexachlorobenzene	11.157	284	445639	45.476	ng	# 91
69) Atrazine	11.245	200	377063	47.056	ng	97
70) Pentachlorophenol	11.357	266	491220	84.253	ng	98
71) Phenanthrene	11.581	178	1715313	40.217	ng	100
72) Anthracene	11.633	178	1776058	40.437	ng	100
73) Carbazole	11.786	167	1599203	40.384	ng	100
74) Di-n-butylphthalate	12.098	149	1924230	41.425	ng	100
75) Fluoranthene	12.775	202	1891558	40.568	ng	98
77) Benzidine	12.892	184	966451	78.493	ng	99
78) Pyrene	13.004	202	1949744	42.399	ng	99
80) Butylbenzylphthalate	13.610	149	767318	42.284	ng	97
81) Benzo(a)anthracene	14.198	228	1569303	41.467	ng	98
82) 3,3'-Dichlorobenzidine	14.157	252	341851	30.639	ng	98
83) Chrysene	14.239	228	1457396	41.181	ng	99
84) Bis(2-ethylhexyl)phtha...	14.169	149	941337	42.227	ng	99
85) Di-n-octyl phthalate	14.792	149	1394279	42.800	ng	99
87) Indeno(1,2,3-cd)pyrene	17.368	276	1411532	46.981	ng	97
88) Benzo(b)fluoranthene	15.298	252	1382896	45.004	ng	99
89) Benzo(k)fluoranthene	15.333	252	1186662	39.459	ng	98
90) Benzo(a)pyrene	15.698	252	1145141	39.818	ng	99
91) Dibenzo(a,h)anthracene	17.392	278	1141915	46.648	ng	# 96
92) Benzo(g,h,i)perylene	17.862	276	1183840	42.968	ng	98

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

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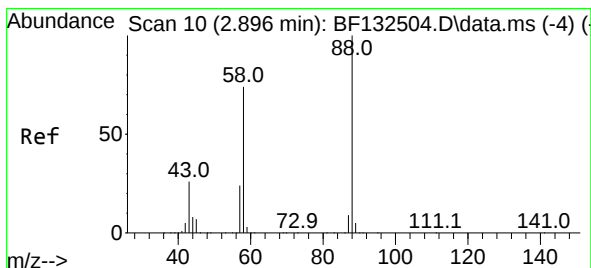
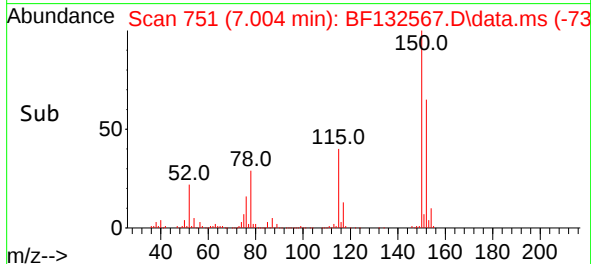
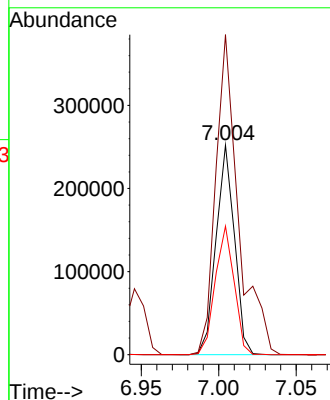
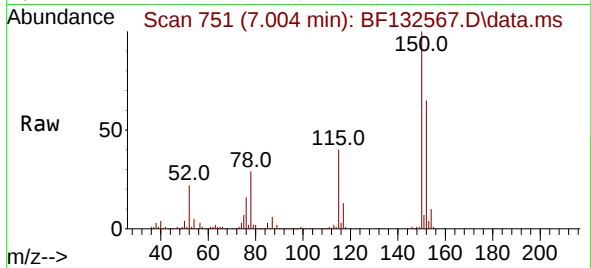




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.004 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: BF132567.D
 Acq: 28 Feb 2023 12:27

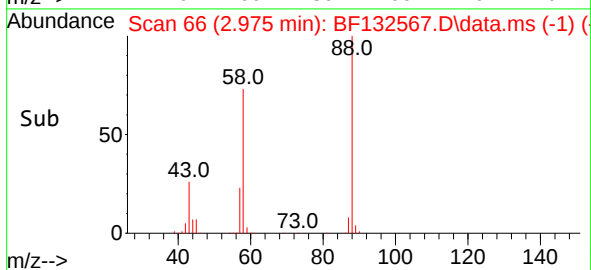
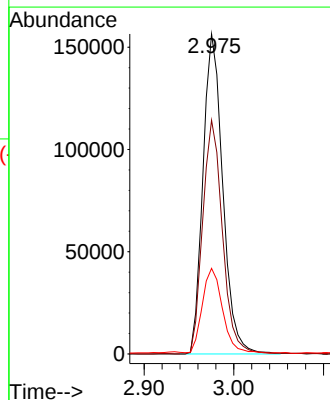
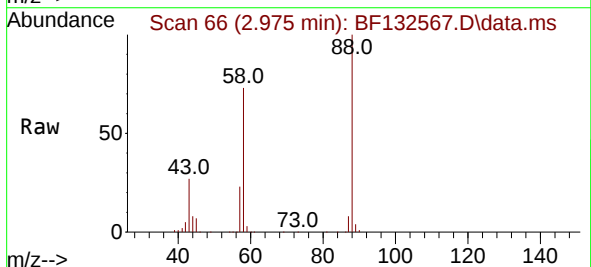
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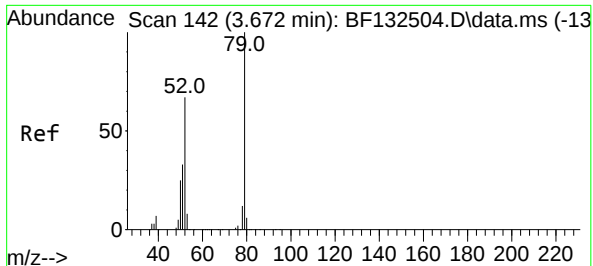
Tgt Ion:152 Resp: 208336
 Ion Ratio Lower Upper
 152 100
 150 152.7 125.4 188.2
 115 61.3 47.8 71.6



#2
 1,4-Dioxane
 Concen: 33.747 ng
 RT: 2.975 min Scan# 66
 Delta R.T. 0.091 min
 Lab File: BF132567.D
 Acq: 28 Feb 2023 12:27

Tgt Ion: 88 Resp: 239628
 Ion Ratio Lower Upper
 88 100
 58 72.9 58.3 87.5
 43 26.8 20.7 31.1

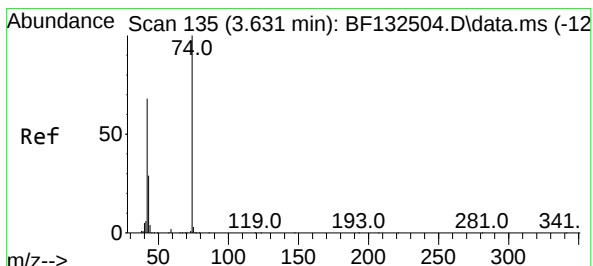
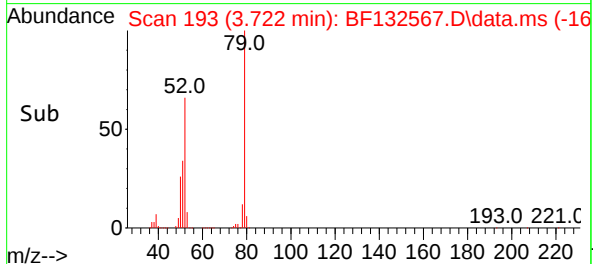
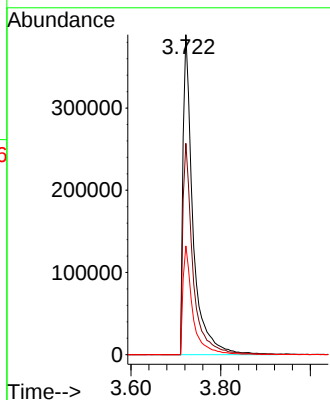
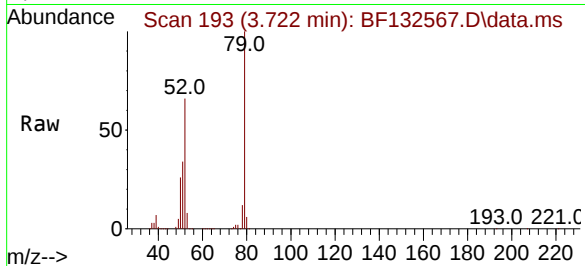




#3
Pyridine
Concen: 31.947 ng
RT: 3.722 min Scan# 142
Delta R.T. 0.068 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

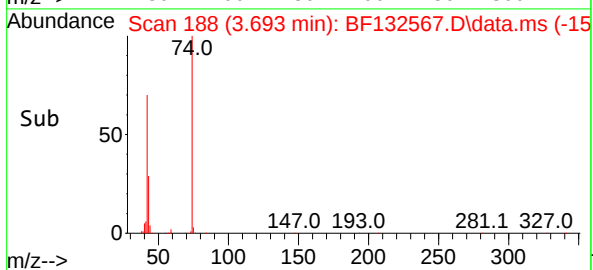
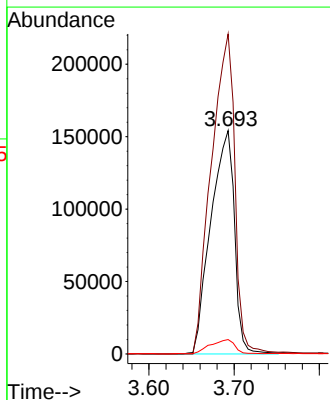
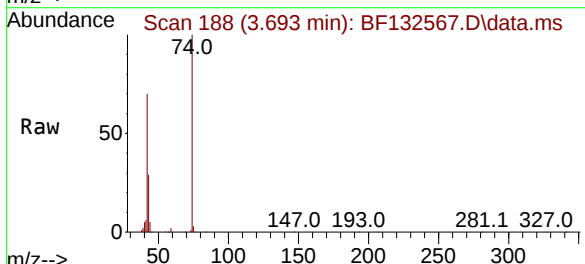
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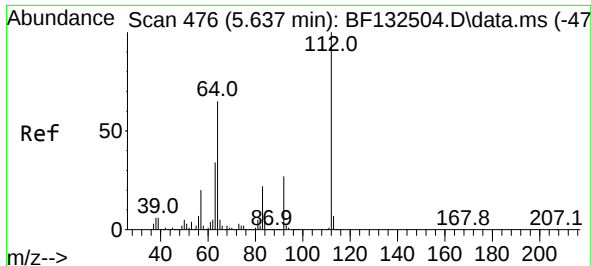
Tgt Ion: 79 Resp: 602150
Ion Ratio Lower Upper
79 100
52 66.1 53.7 80.5
51 34.0 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 41.714 ng
RT: 3.693 min Scan# 188
Delta R.T. 0.068 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion: 42 Resp: 296985
Ion Ratio Lower Upper
42 100
74 143.2 118.2 177.2
44 6.5 5.3 7.9

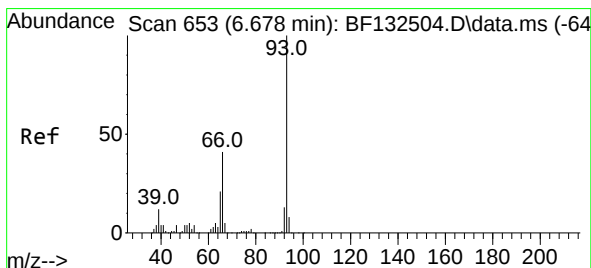
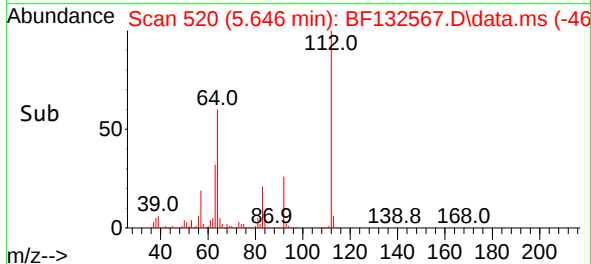
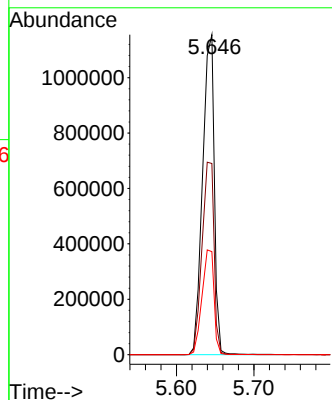
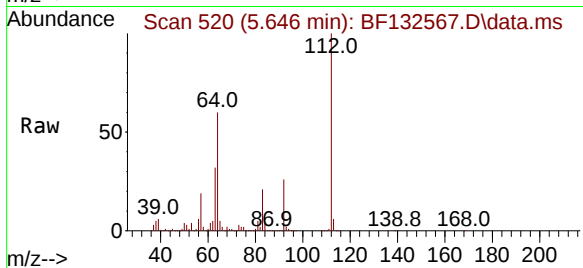




#5
2-Fluorophenol
Concen: 94.434 ng
RT: 5.646 min Scan# 51
Delta R.T. 0.015 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

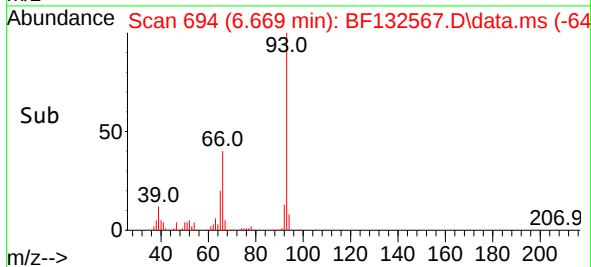
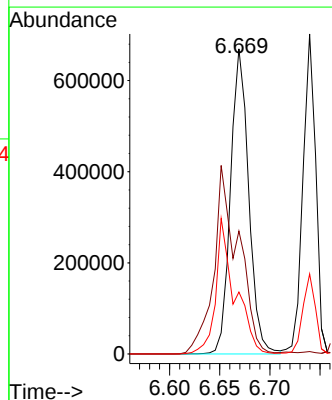
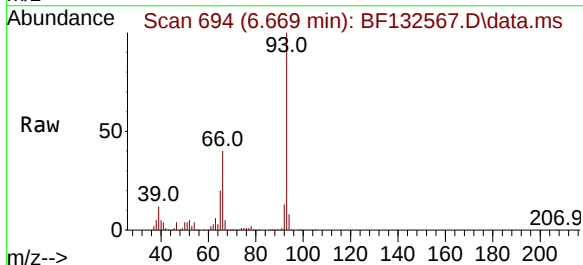
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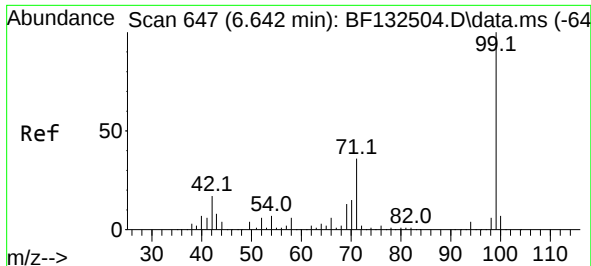
Tgt Ion:112 Resp: 1212217
Ion Ratio Lower Upper
112 100
64 59.7 51.6 77.4
63 32.2 27.4 41.2



#6
Aniline
Concen: 37.475 ng
RT: 6.669 min Scan# 694
Delta R.T. -0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion: 93 Resp: 844901
Ion Ratio Lower Upper
93 100
66 40.3 32.5 48.7
65 20.3 16.6 24.8

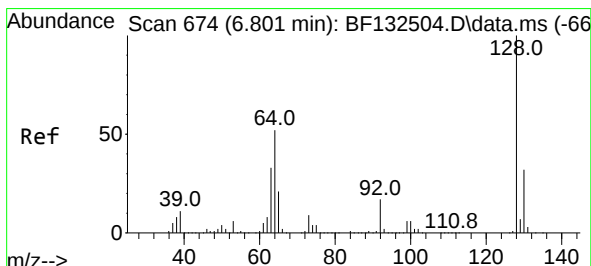
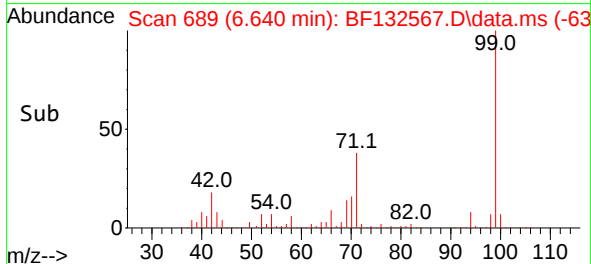
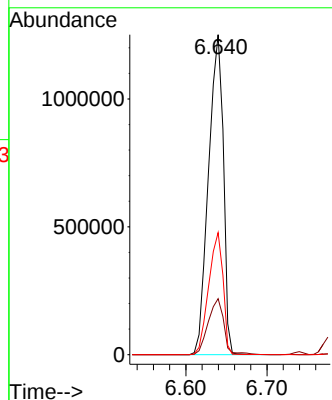
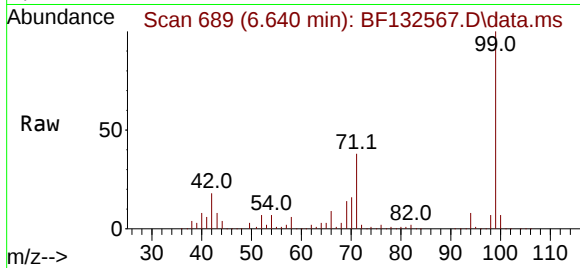




#7
Phenol-d6
Concen: 94.536 ng
RT: 6.640 min Scan# 61
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

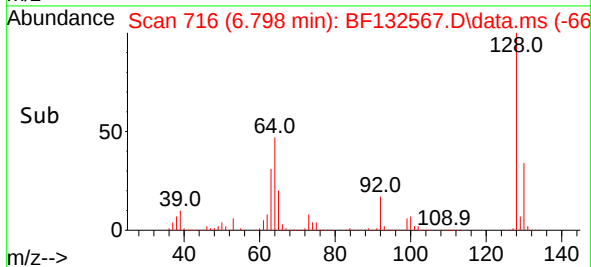
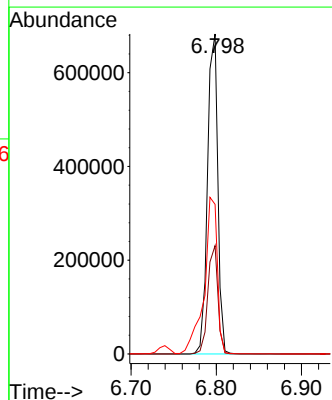
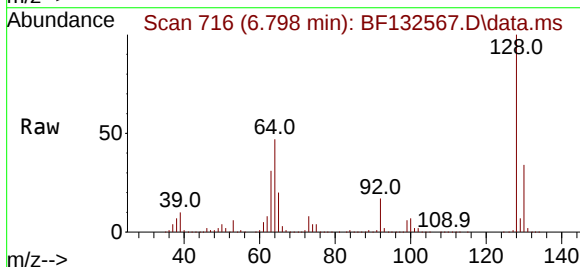
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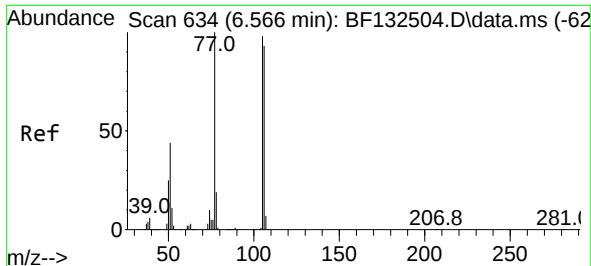
Tgt Ion: 99 Resp: 1583761
Ion Ratio Lower Upper
99 100
42 17.5 13.9 20.9
71 38.1 28.5 42.7



#8
2-Chlorophenol
Concen: 42.848 ng
RT: 6.798 min Scan# 716
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion: 128 Resp: 570864
Ion Ratio Lower Upper
128 100
130 33.9 12.1 52.1
64 46.8 32.0 72.0

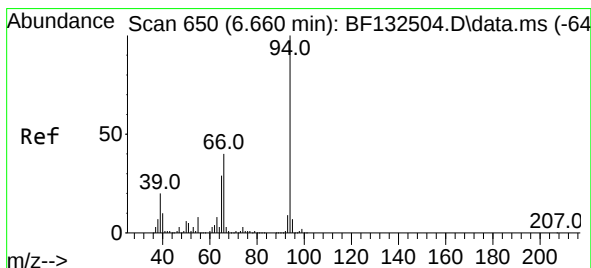
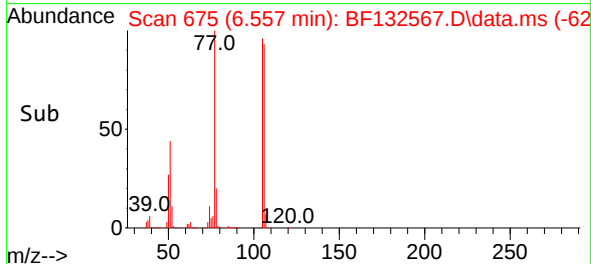
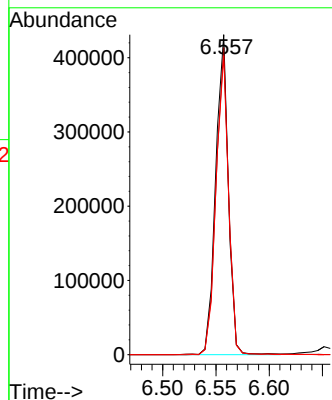
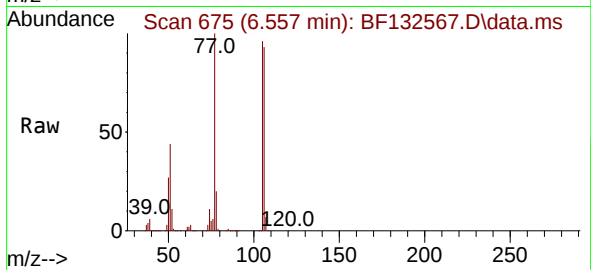




#9
Benzaldehyde
Concen: 39.244 ng
RT: 6.557 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

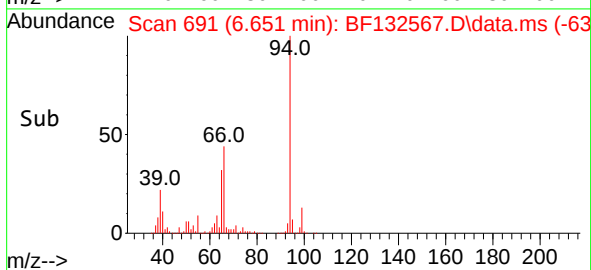
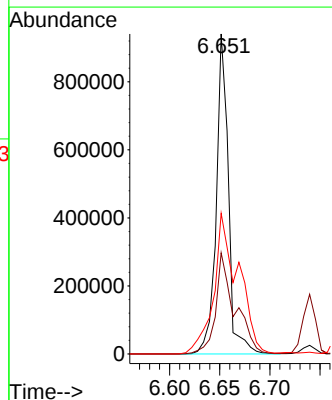
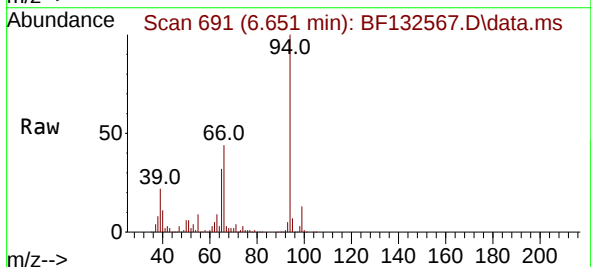
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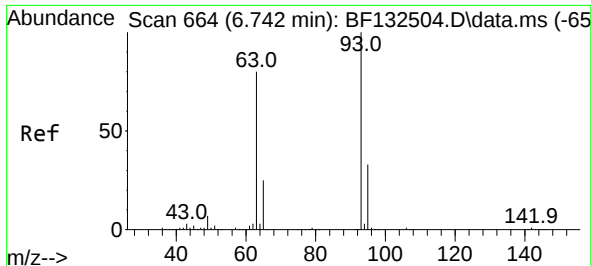
Tgt Ion: 77 Resp: 354761
Ion Ratio Lower Upper
77 100
105 96.0 77.9 117.9
106 93.5 73.4 113.4



#10
Phenol
Concen: 41.227 ng
RT: 6.651 min Scan# 691
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion: 94 Resp: 791841
Ion Ratio Lower Upper
94 100
65 31.6 9.4 49.4
66 44.0 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 41.708 ng

RT: 6.740 min Scan# 706

Delta R.T. -0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

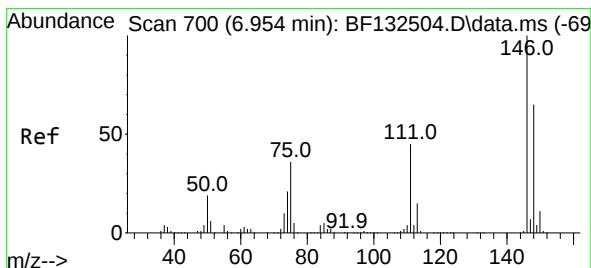
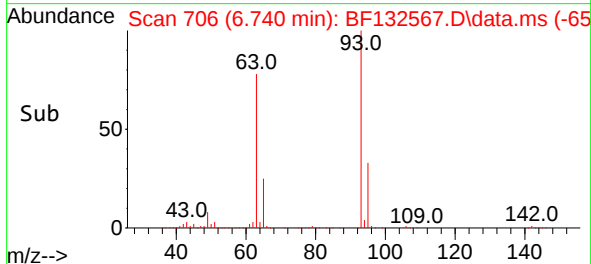
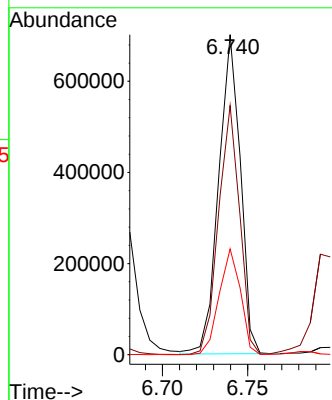
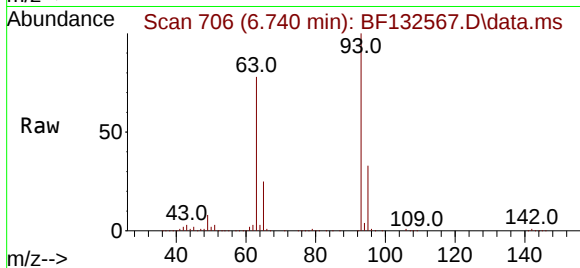
Tgt Ion: 93 Resp: 618419

Ion Ratio Lower Upper

93 100

63 77.8 59.6 99.6

95 33.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 43.281 ng

RT: 6.946 min Scan# 741

Delta R.T. -0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

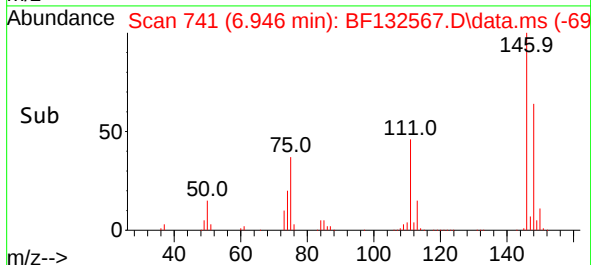
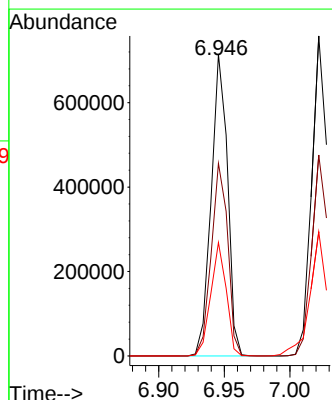
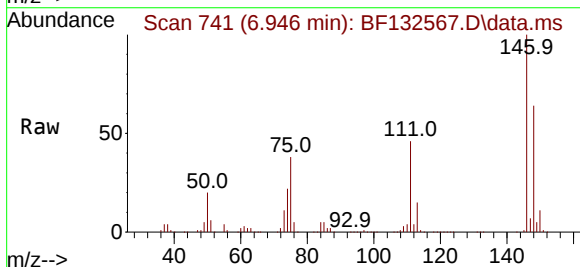
Tgt Ion:146 Resp: 618791

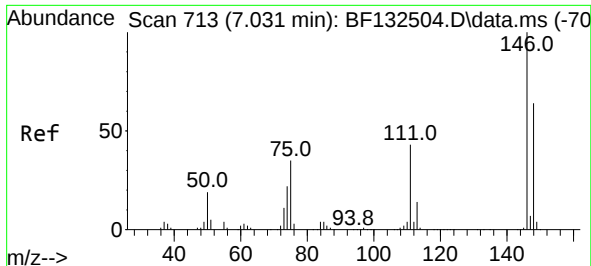
Ion Ratio Lower Upper

146 100

148 63.8 51.9 77.9

75 37.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 43.593 ng

RT: 7.022 min Scan# 713

Delta R.T. -0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

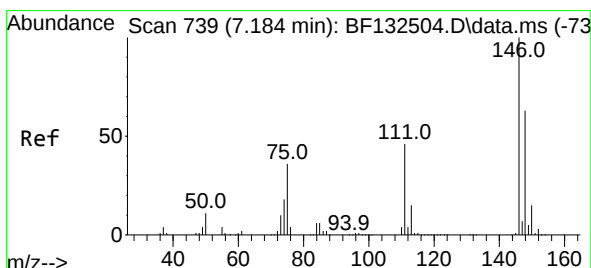
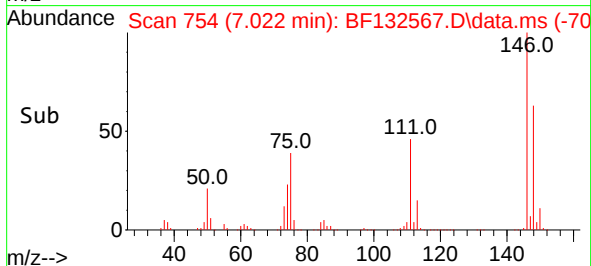
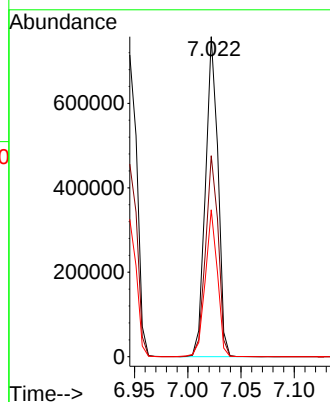
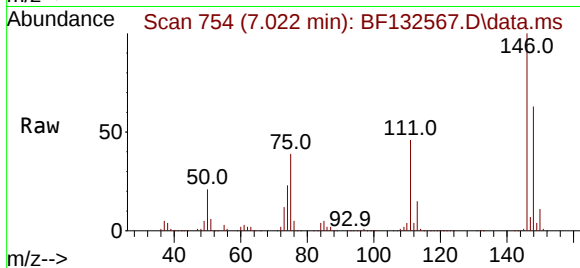
Tgt Ion:146 Resp: 622334

Ion Ratio Lower Upper

146 100

148 62.8 51.1 76.7

111 45.9 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 41.818 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

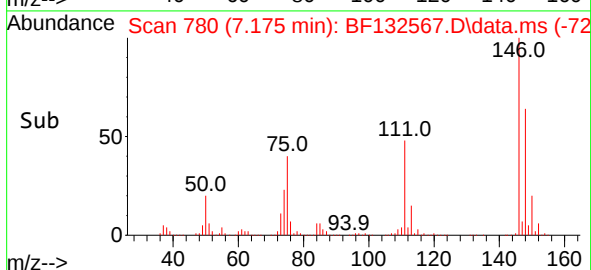
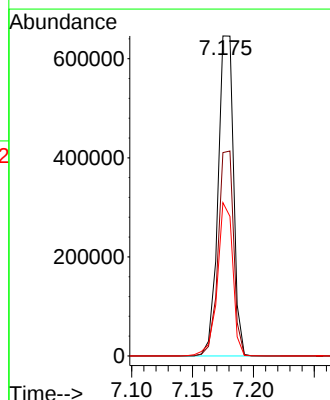
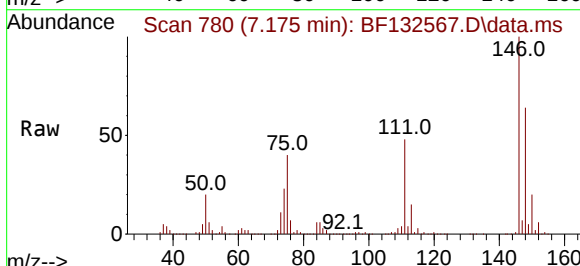
Tgt Ion:146 Resp: 572938

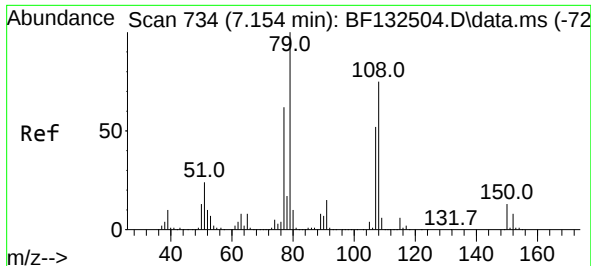
Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

111 47.9 37.2 55.8

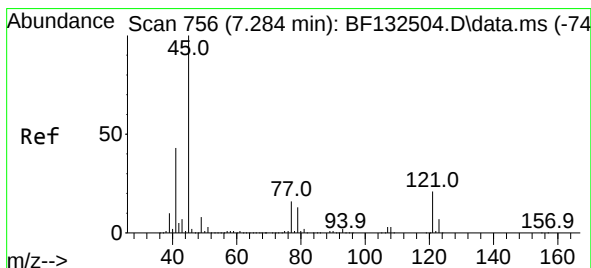
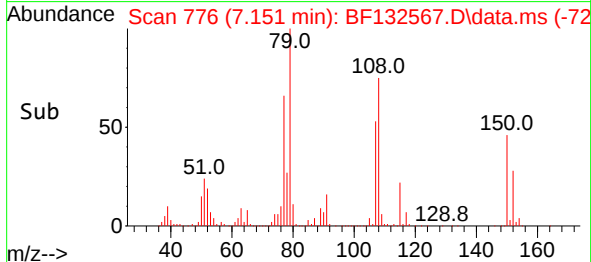
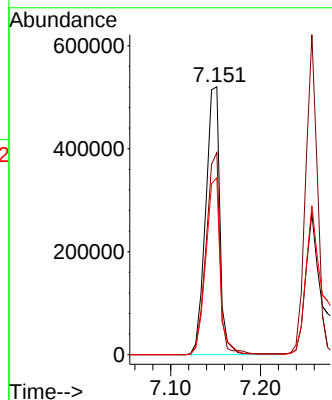
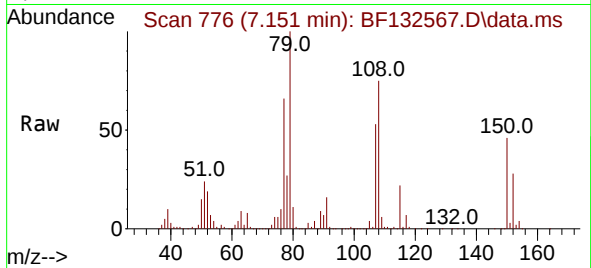




#15
Benzyl Alcohol
Concen: 44.597 ng
RT: 7.151 min Scan# 71
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

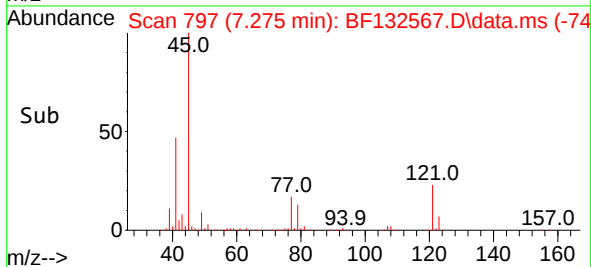
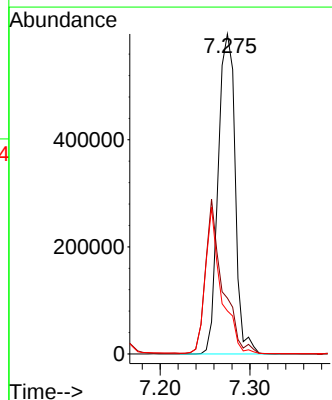
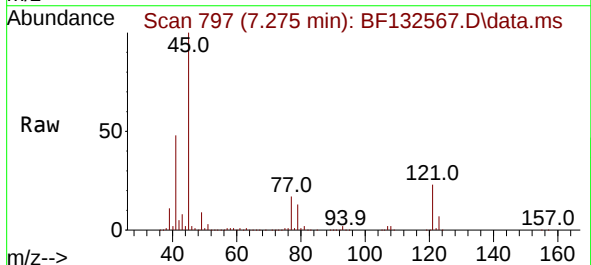
Instrument :
BNA_F
ClientSampleId :
PB151085BS

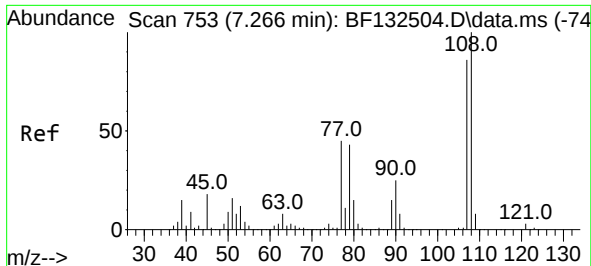
Tgt Ion: 79 Resp: 575402
Ion Ratio Lower Upper
79 100
108 75.4 60.2 90.4
77 66.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.478 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion: 45 Resp: 784260
Ion Ratio Lower Upper
45 100
77 17.4 0.0 36.4
79 13.4 0.0 33.4

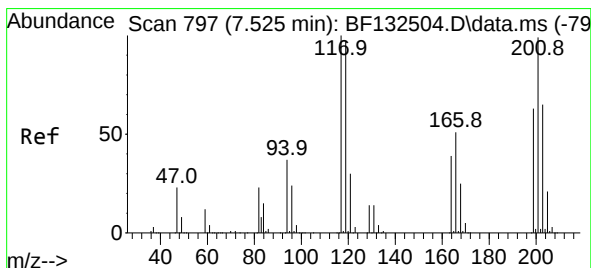
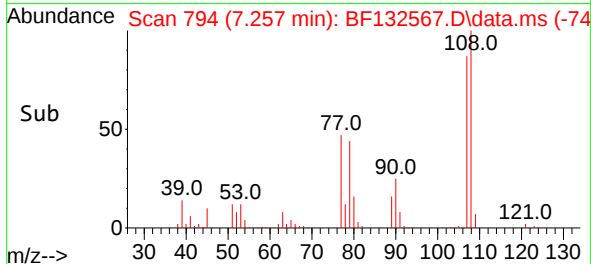
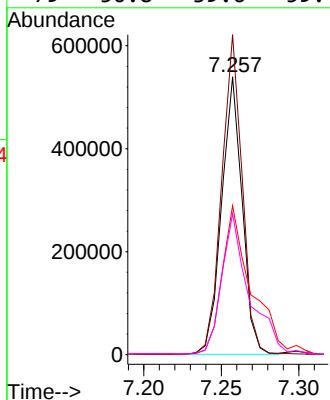
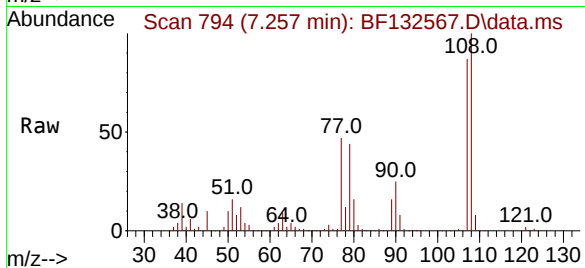




#17
2-Methylphenol
Concen: 40.017 ng
RT: 7.257 min Scan# 794
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

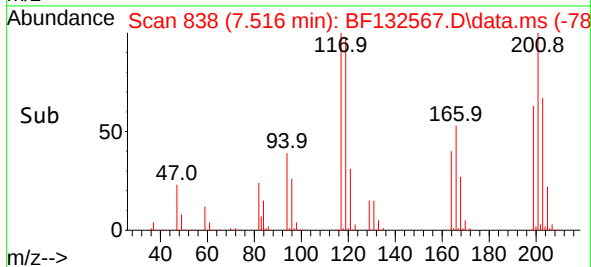
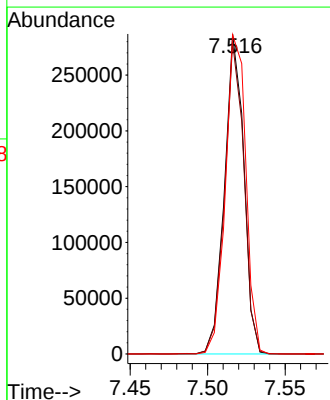
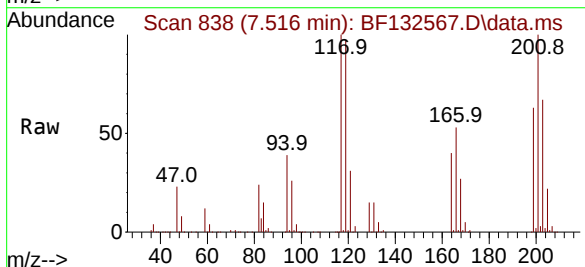
Instrument :
BNA_F
ClientSampleId :
PB151085BS

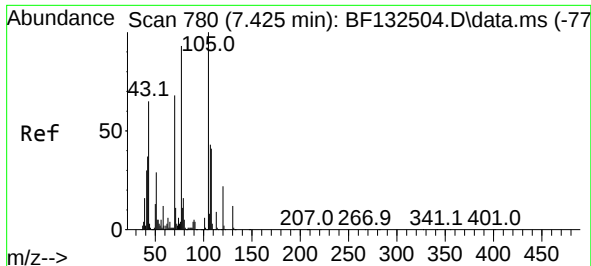
Tgt Ion:	107	Resp:	497572
Ion	Ratio	Lower	Upper
107	100		
108	115.1	93.0	139.4
77	53.6	42.1	63.1
79	50.8	39.6	59.4



#18
Hexachloroethane
Concen: 44.559 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:	117	Resp:	248522
Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.0	117.0
201	99.8	79.0	118.4

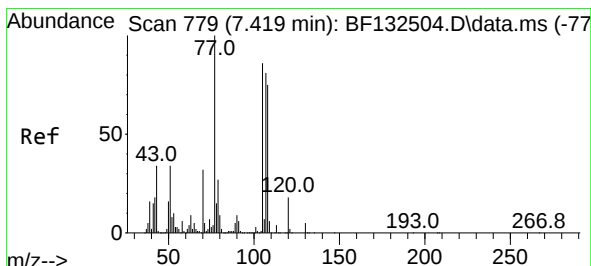
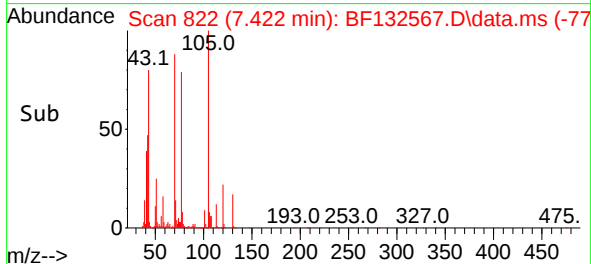
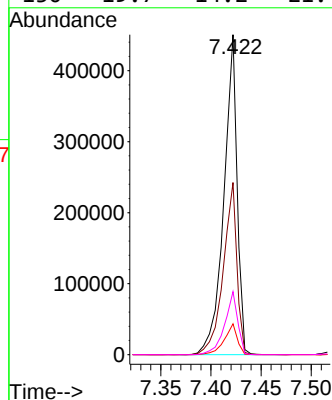
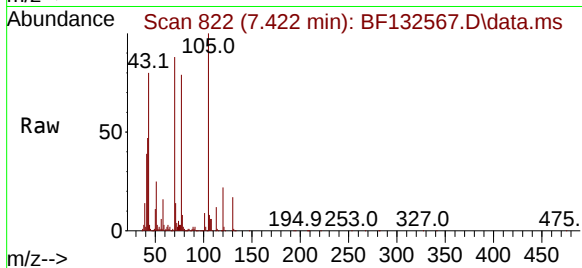




#19
n-Nitroso-di-n-propylamine
Concen: 40.216 ng
RT: 7.422 min Scan# 81
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

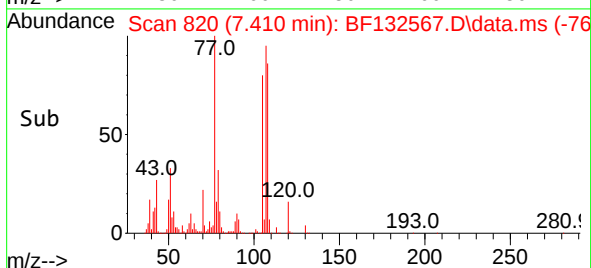
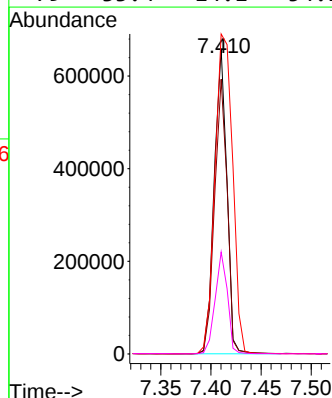
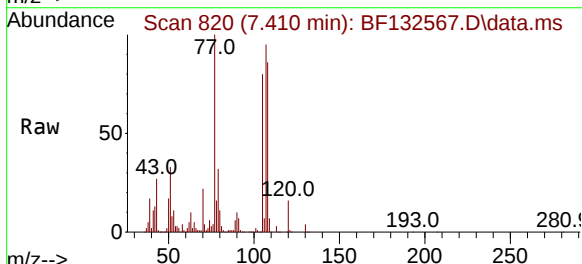
Instrument :
BNA_F
ClientSampleId :
PB151085BS

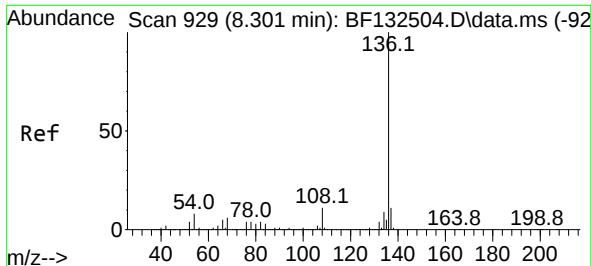
Tgt Ion: 70 Resp: 414642
Ion Ratio Lower Upper
70 100
42 53.8 44.1 66.1
101 9.7 7.4 11.2
130 19.7 14.2 21.4



#20
3+4-Methylphenols
Concen: 35.984 ng
RT: 7.410 min Scan# 820
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion: 107 Resp: 578043
Ion Ratio Lower Upper
107 100
108 90.1 72.6 112.6
77 104.9 104.0 144.0
79 33.4 14.1 54.1

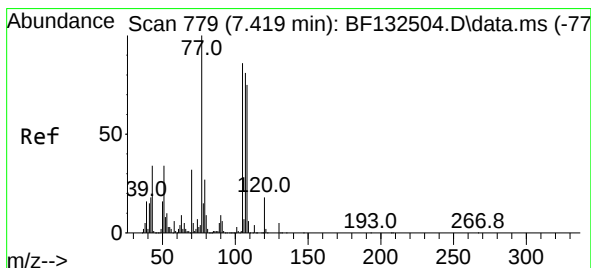
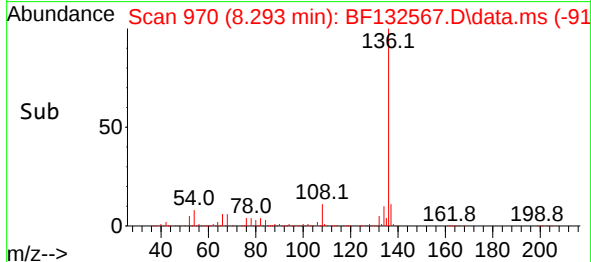
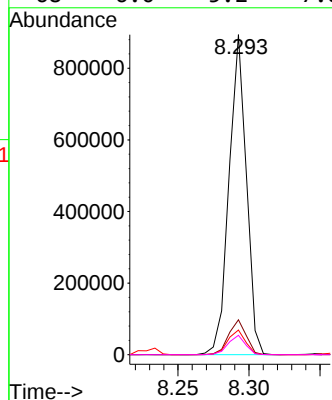
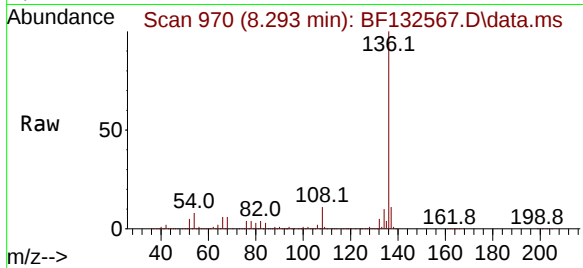




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.293 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

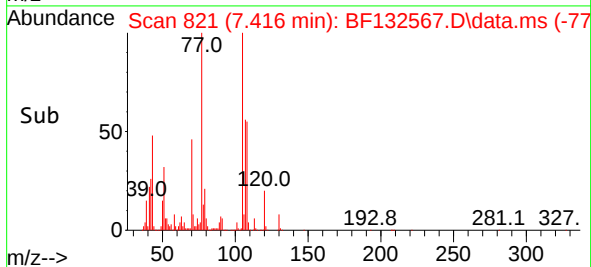
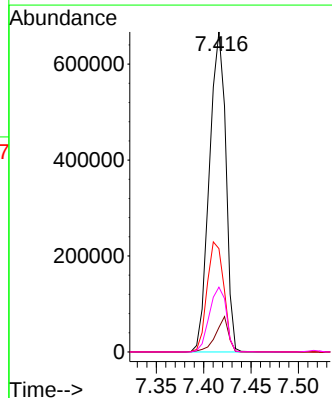
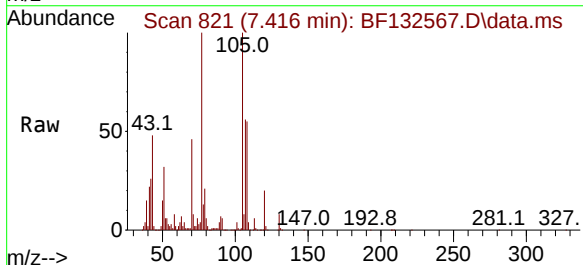
Instrument :
BNA_F
ClientSampleId :
PB151085BS

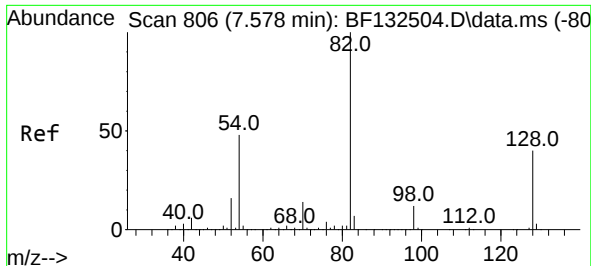
Tgt Ion:136 Resp: 756469
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 6.2 9.4
68 6.0 5.2 7.8



#22
Acetophenone
Concen: 42.132 ng
RT: 7.416 min Scan# 821
Delta R.T. -0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:105 Resp: 803664
Ion Ratio Lower Upper
105 100
71 7.7 5.0 7.4#
51 32.3 31.5 47.3
120 20.2 17.0 25.4





#23

Nitrobenzene-d5

Concen: 66.197 ng

RT: 7.575 min Scan# 84

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

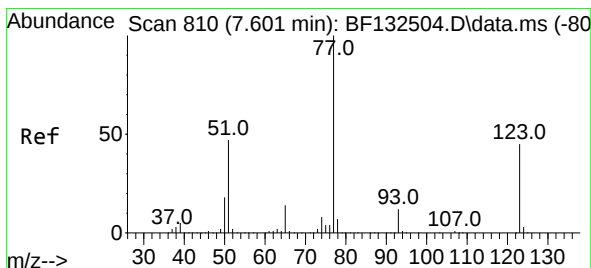
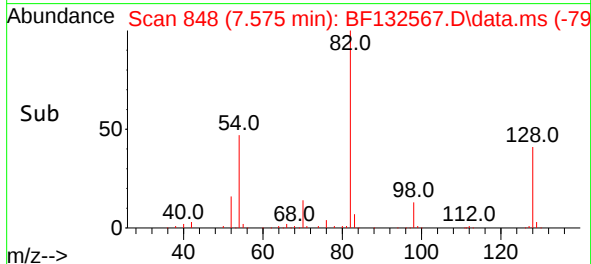
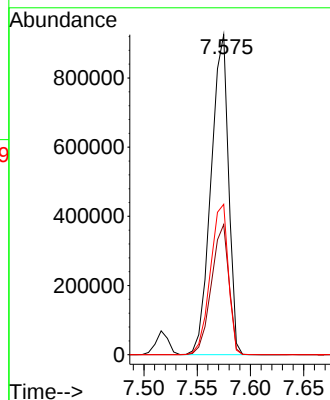
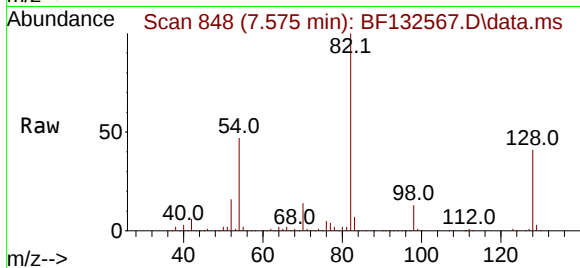
BNA_F

ClientSampleId :

PB151085BS

Tgt Ion: 82 Resp: 1055470

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.2	48.2
54	47.0	38.4	57.6



#24

Nitrobenzene

Concen: 41.631 ng

RT: 7.593 min Scan# 851

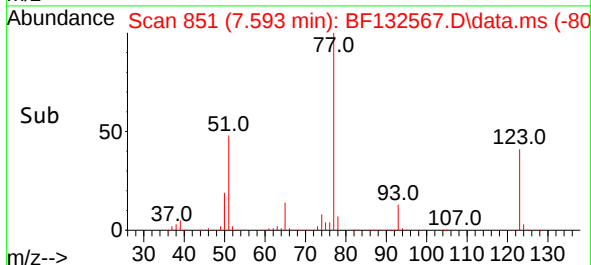
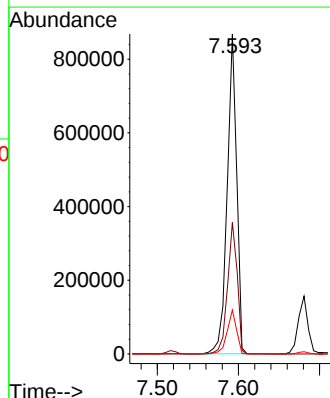
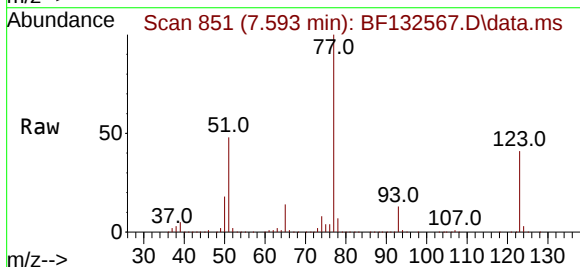
Delta R.T. -0.003 min

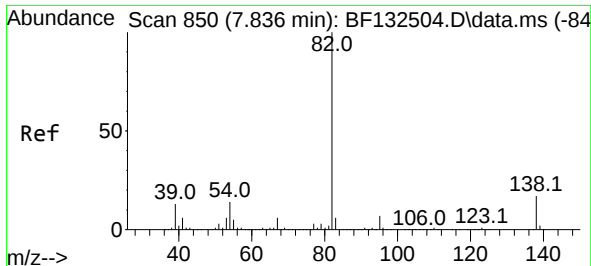
Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Tgt Ion: 77 Resp: 709898

Ion	Ratio	Lower	Upper
77	100		
123	41.1	35.8	53.6
65	13.8	10.9	16.3

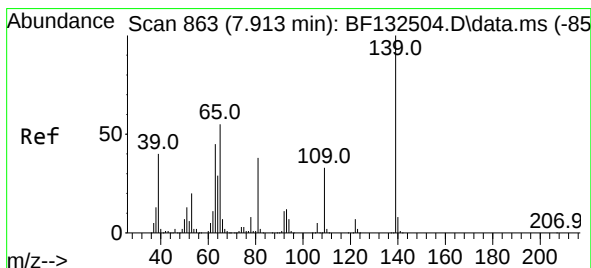
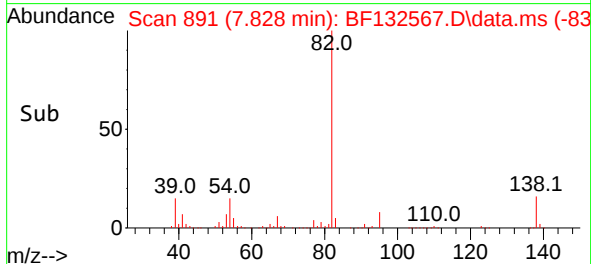
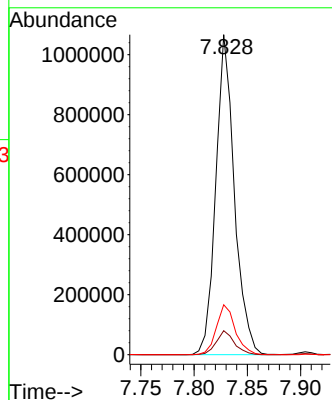
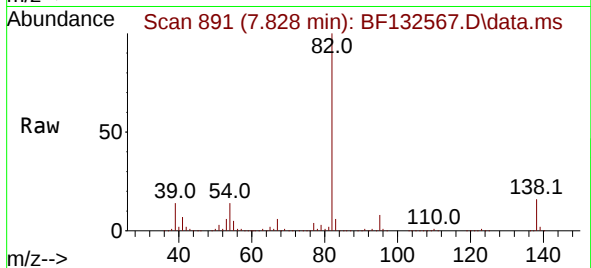




#25
Isophorone
Concen: 42.324 ng
RT: 7.828 min Scan# 891
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

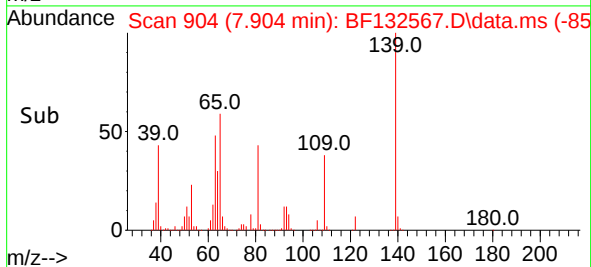
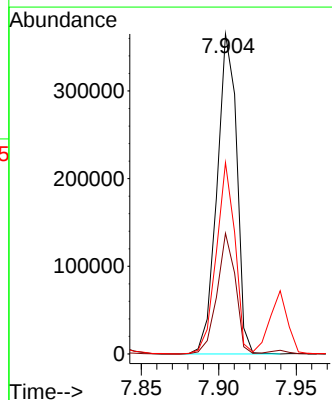
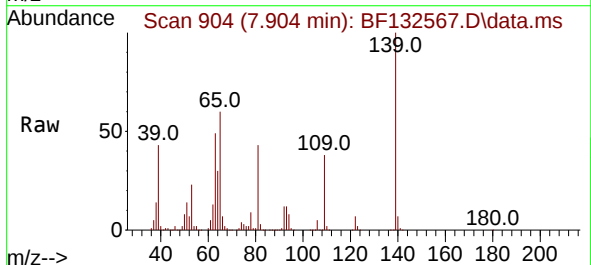
Instrument :
BNA_F
ClientSampleId :
PB151085BS

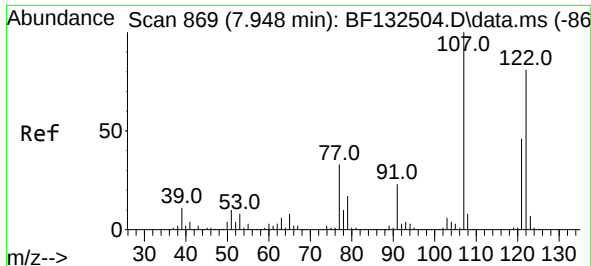
Tgt Ion: 82 Resp: 1293802
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 15.6 13.3 19.9



#26
2-Nitrophenol
Concen: 43.046 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:139 Resp: 323865
Ion Ratio Lower Upper
139 100
109 37.7 26.2 39.2
65 59.8 43.8 65.8

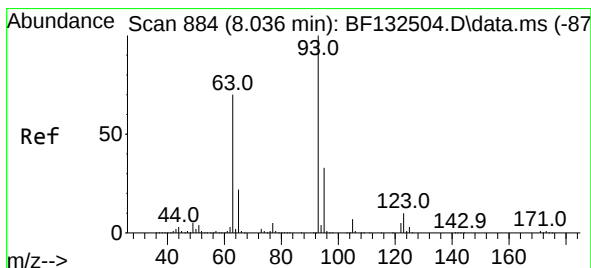
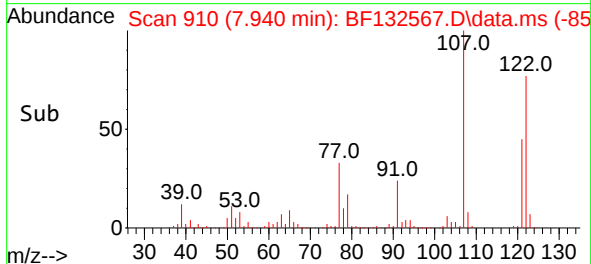
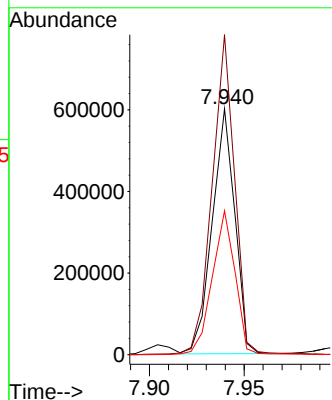
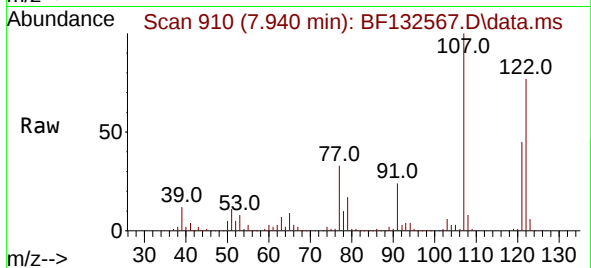




#27
2,4-Dimethylphenol
Concen: 41.944 ng
RT: 7.940 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

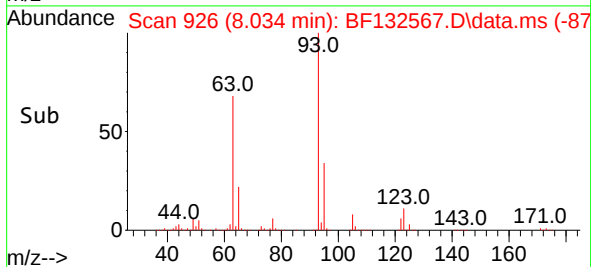
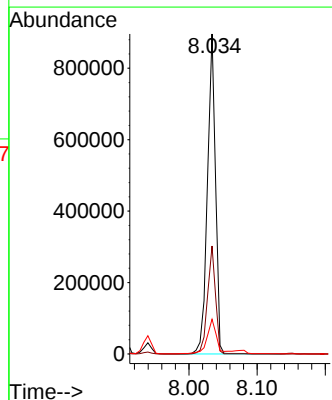
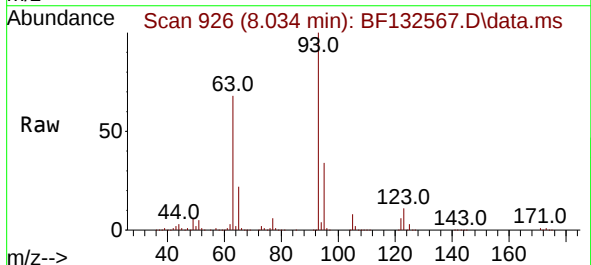
Instrument :
BNA_F
ClientSampleId :
PB151085BS

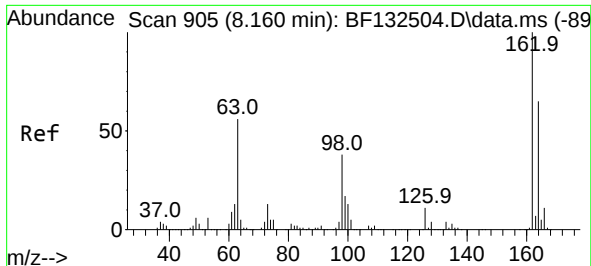
Tgt Ion:122 Resp: 498069
Ion Ratio Lower Upper
122 100
107 130.1 98.7 148.1
121 58.5 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.455 ng
RT: 8.034 min Scan# 926
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

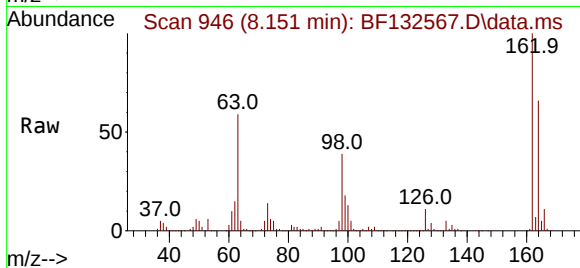
Tgt Ion: 93 Resp: 741319
Ion Ratio Lower Upper
93 100
95 33.8 26.3 39.5
123 10.9 8.3 12.5



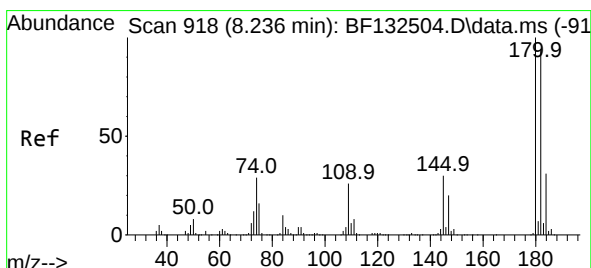
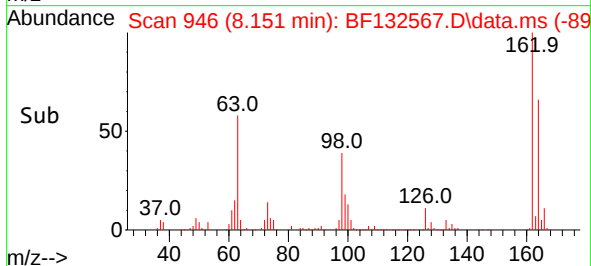
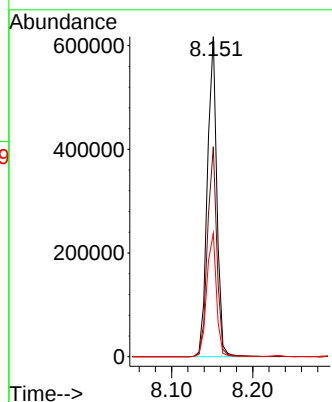


#29
2,4-Dichlorophenol
Concen: 42.153 ng
RT: 8.151 min Scan# 946
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB151085BS

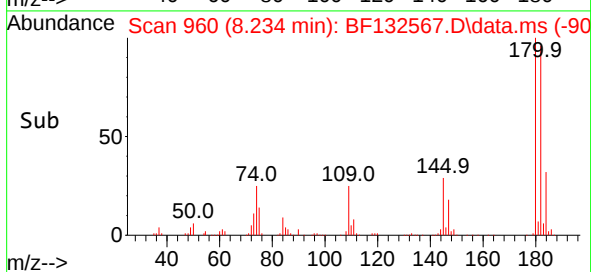
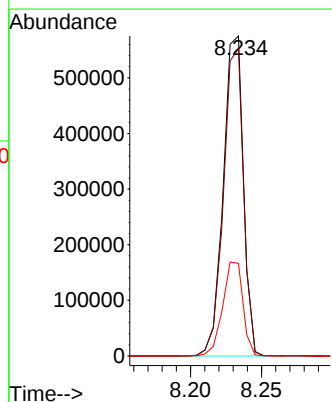
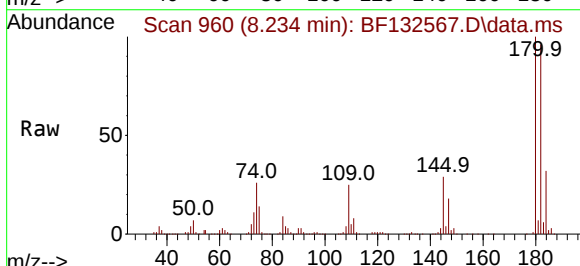


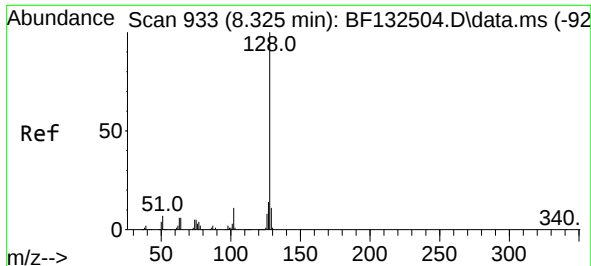
Tgt Ion:162 Resp: 497919
Ion Ratio Lower Upper
162 100
164 65.6 45.3 85.3
98 38.5 17.9 57.9



#30
1,2,4-Trichlorobenzene
Concen: 44.295 ng
RT: 8.234 min Scan# 960
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:180 Resp: 568145
Ion Ratio Lower Upper
180 100
182 96.0 75.1 112.7
145 28.9 23.8 35.6

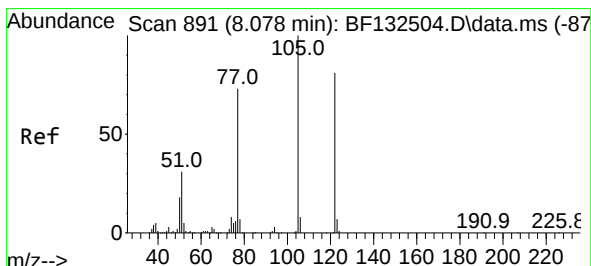
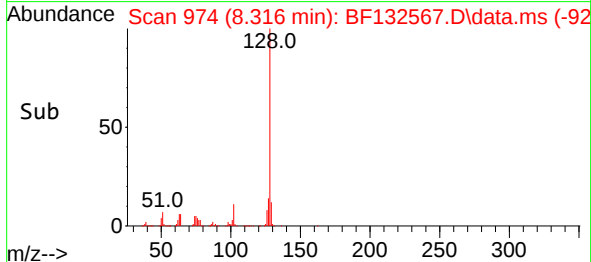
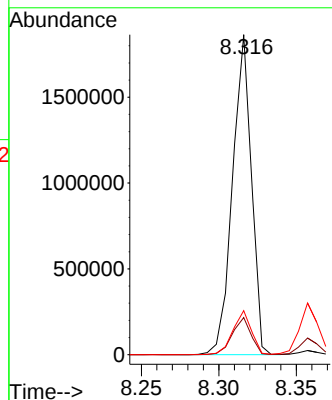
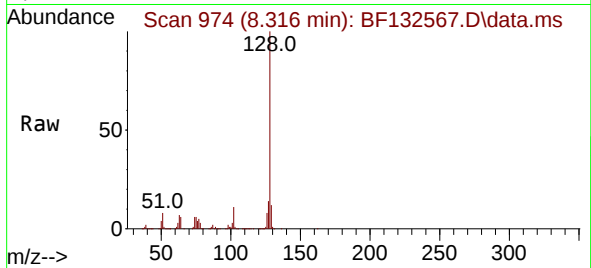




#31
Naphthalene
Concen: 40.837 ng
RT: 8.316 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

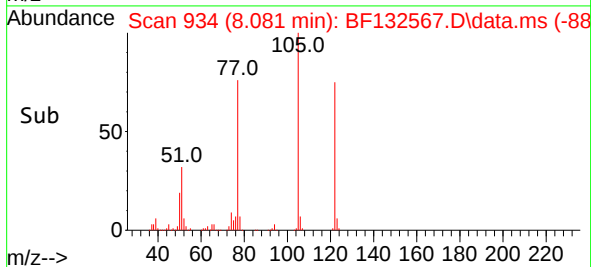
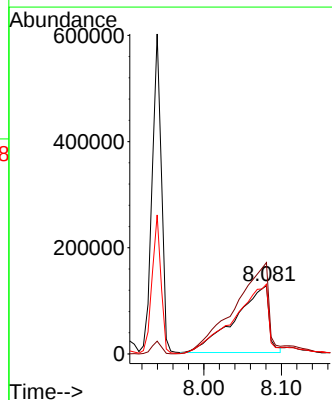
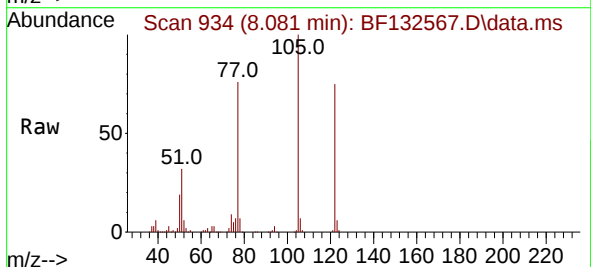
Instrument :
BNA_F
ClientSampleId :
PB151085BS

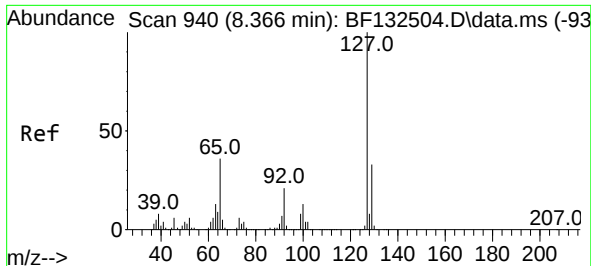
Tgt Ion:128 Resp: 1581462
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 41.573 ng
RT: 8.081 min Scan# 934
Delta R.T. 0.015 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:122 Resp: 383797
Ion Ratio Lower Upper
122 100
105 134.0 102.6 142.6
77 102.3 70.2 110.2

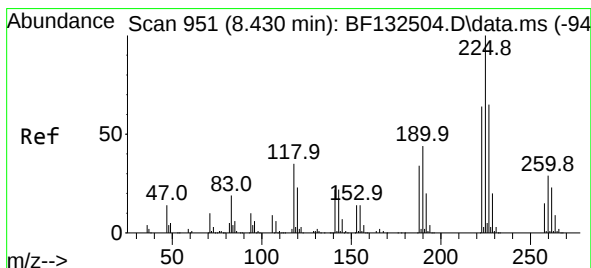
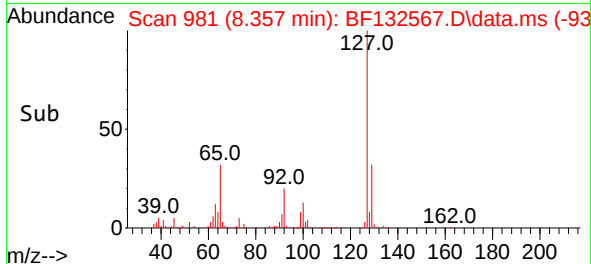
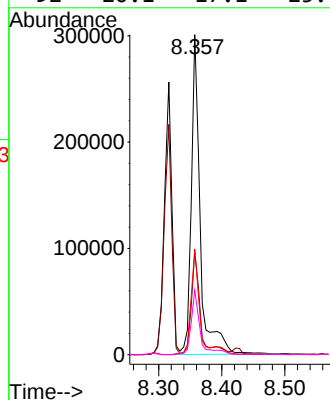
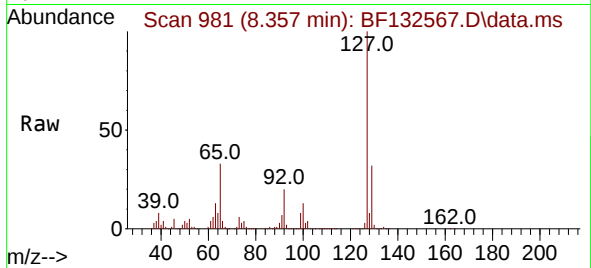




#33
4-Chloroaniline
Concen: 17.932 ng
RT: 8.357 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

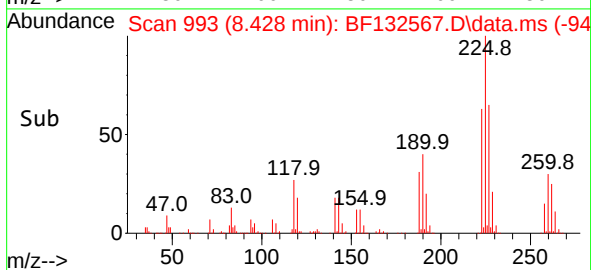
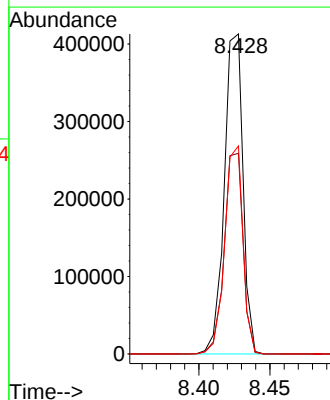
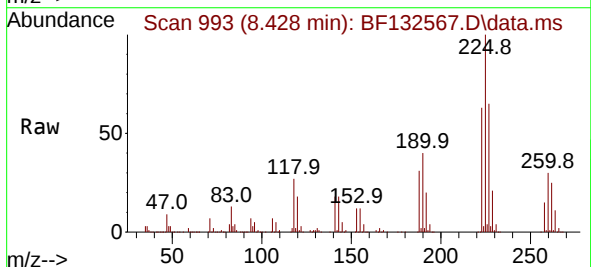
Instrument :
BNA_F
ClientSampleId :
PB151085BS

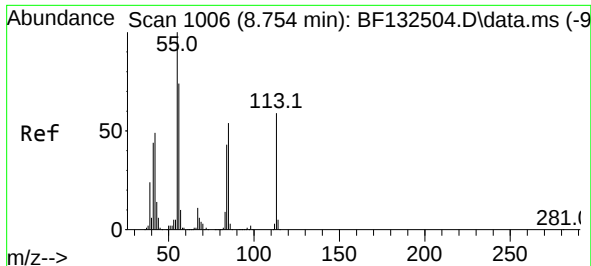
Tgt Ion:	127	Resp:	297592
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.4	39.6
65	33.1	28.8	43.2
92	20.1	17.1	25.7



#34
Hexachlorobutadiene
Concen: 46.202 ng
RT: 8.428 min Scan# 993
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:	225	Resp:	376572
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.4
227	65.0	51.7	77.5

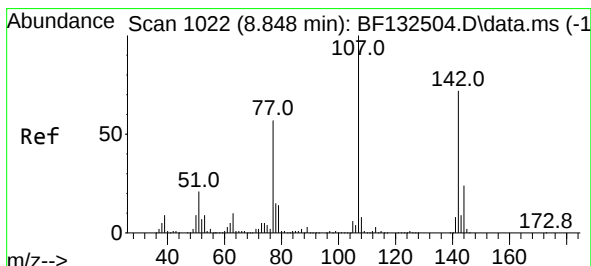
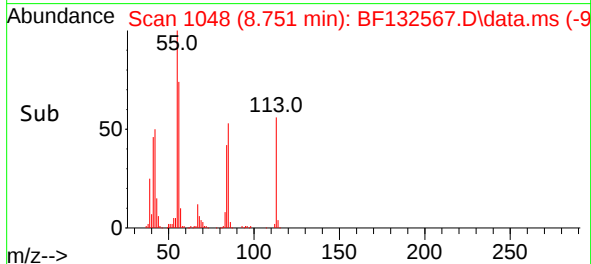
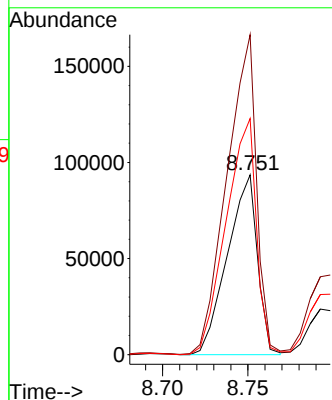
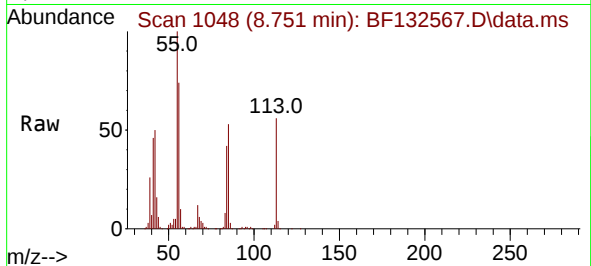




#35
 Caprolactam
 Concen: 29.322 ng
 RT: 8.751 min Scan# 1048
 Delta R.T. 0.009 min
 Lab File: BF132567.D
 Acq: 28 Feb 2023 12:27

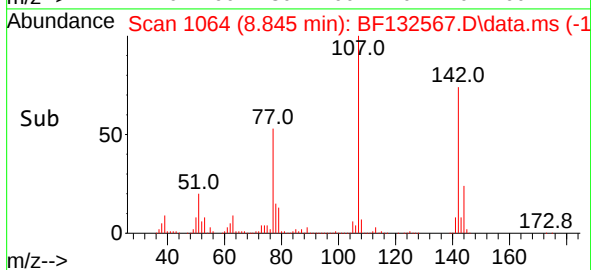
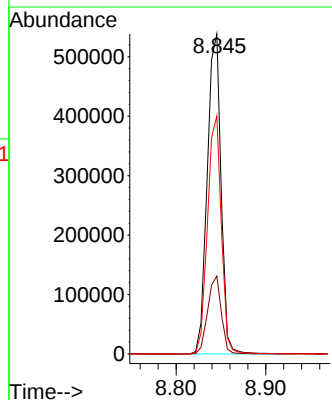
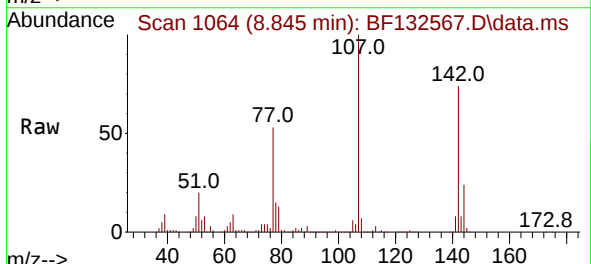
Instrument :
 BNA_F
 ClientSampleId :
 PB151085BS

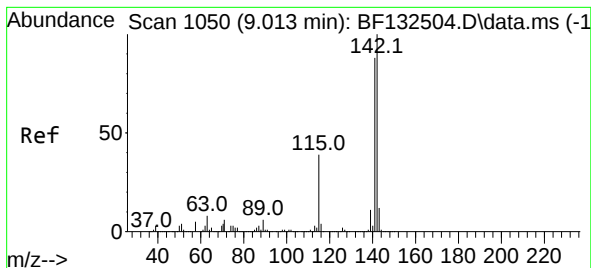
Tgt Ion:113 Resp: 114188
 Ion Ratio Lower Upper
 113 100
 55 177.9 149.4 189.4
 56 131.3 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.279 ng
 RT: 8.845 min Scan# 1064
 Delta R.T. 0.003 min
 Lab File: BF132567.D
 Acq: 28 Feb 2023 12:27

Tgt Ion:107 Resp: 574410
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.9 28.3
 142 74.4 57.9 86.9





#37

2-Methylnaphthalene

Concen: 40.363 ng

RT: 9.004 min Scan# 1109

Delta R.T. -0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

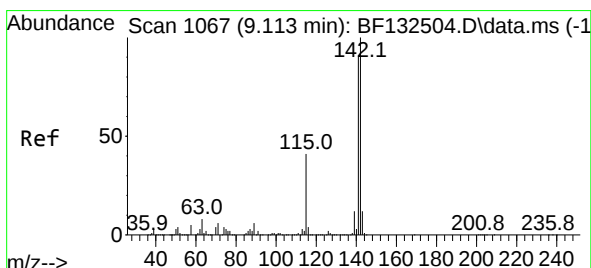
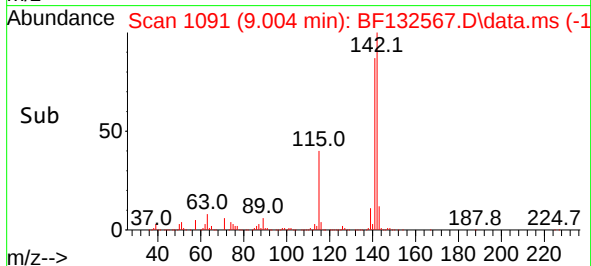
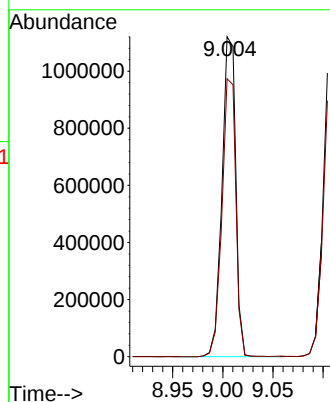
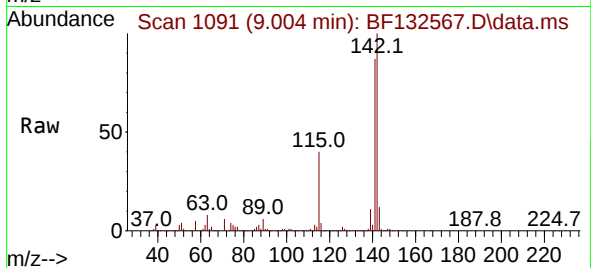
PB151085BS

Tgt Ion:142 Resp: 1065250

Ion Ratio Lower Upper

142 100

141 86.9 70.2 105.2



#38

1-Methylnaphthalene

Concen: 39.806 ng

RT: 9.110 min Scan# 1109

Delta R.T. 0.003 min

Lab File: BF132567.D

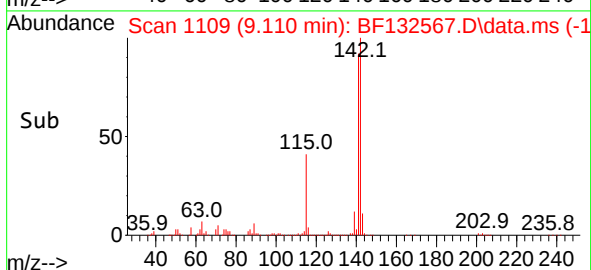
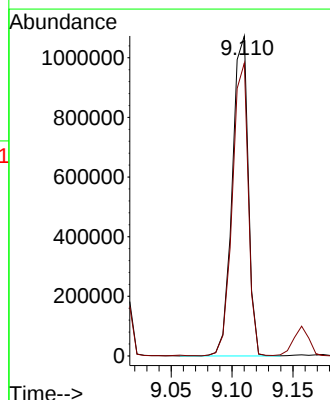
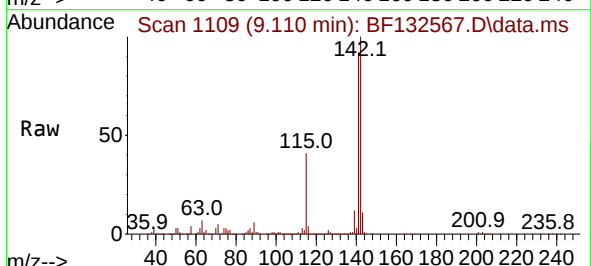
Acq: 28 Feb 2023 12:27

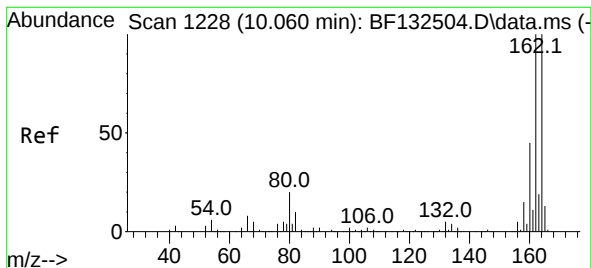
Tgt Ion:142 Resp: 981774

Ion Ratio Lower Upper

142 100

141 91.6 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.057 min Scan# 1120

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

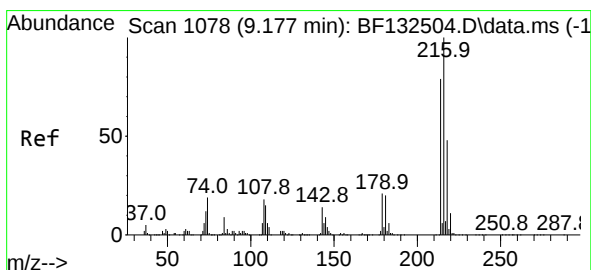
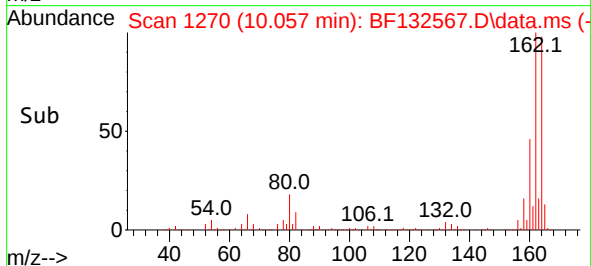
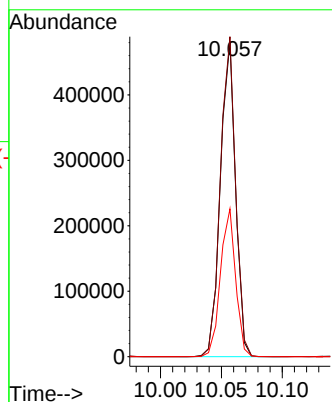
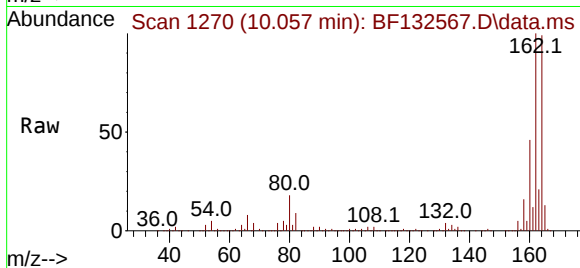
Tgt Ion:164 Resp: 418180

Ion Ratio Lower Upper

164 100

162 101.5 79.8 119.8

160 46.9 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.410 ng

RT: 9.175 min Scan# 1120

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Tgt Ion:216 Resp: 580251

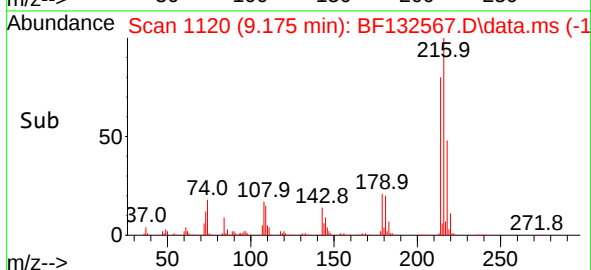
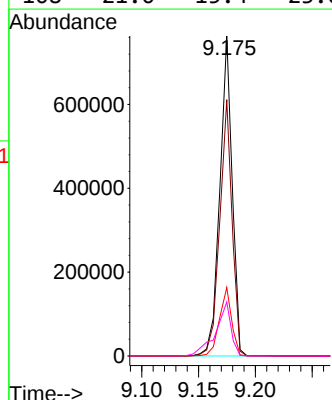
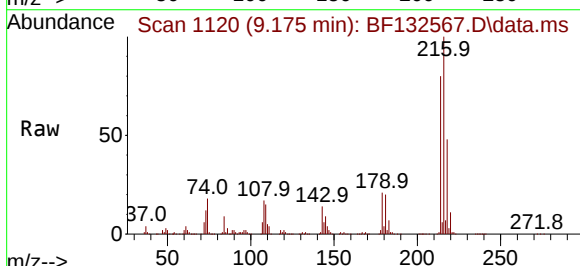
Ion Ratio Lower Upper

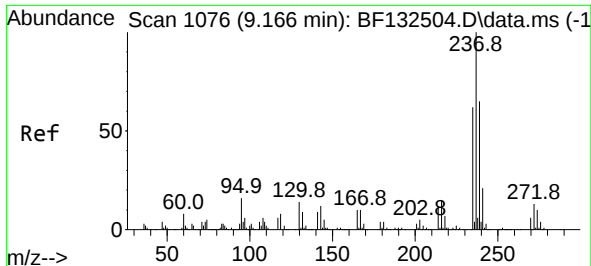
216 100

214 79.9 63.0 94.6

179 21.2 16.6 24.8

108 21.0 15.4 23.0

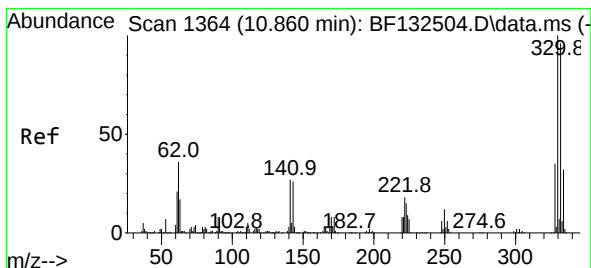
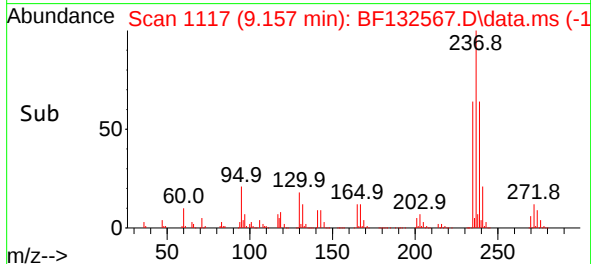
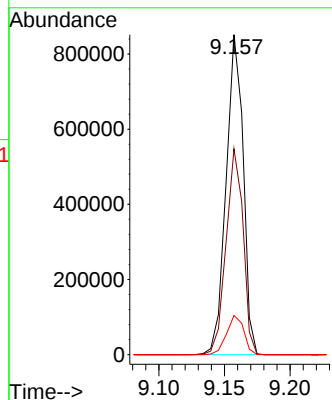
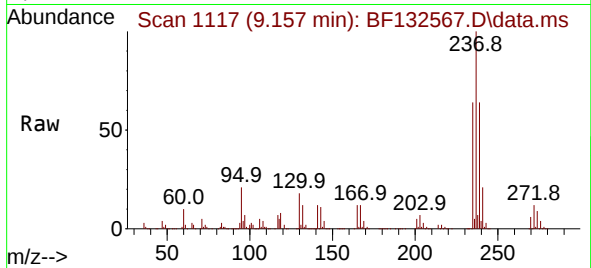




#41
Hexachlorocyclopentadiene
Concen: 103.858 ng
RT: 9.157 min Scan# 1117
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

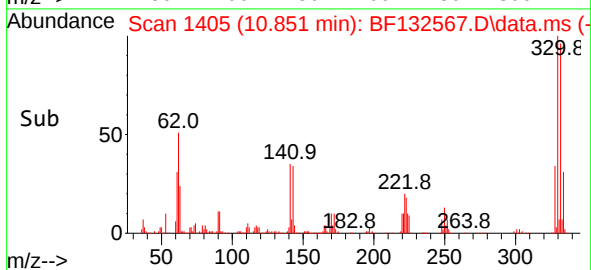
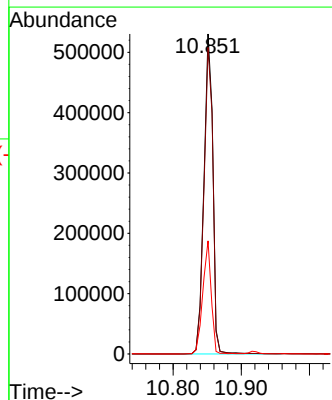
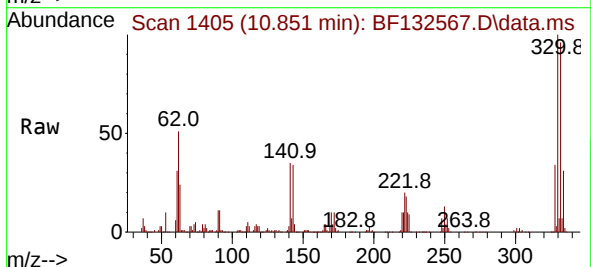
Instrument :
BNA_F
ClientSampleId :
PB151085BS

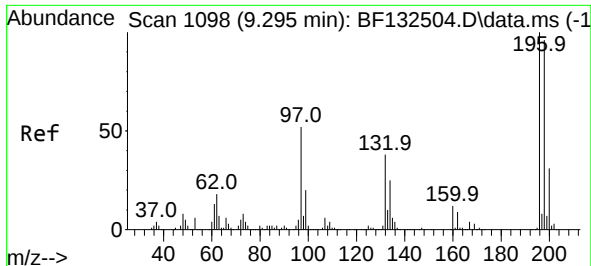
Tgt Ion:237 Resp: 770718
Ion Ratio Lower Upper
237 100
235 64.4 42.4 82.4
272 12.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 107.269 ng
RT: 10.851 min Scan# 1405
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:330 Resp: 484444
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 33.3 28.4 42.6

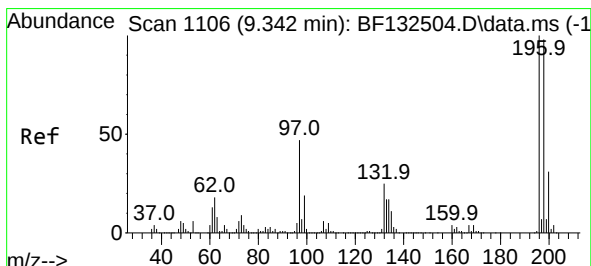
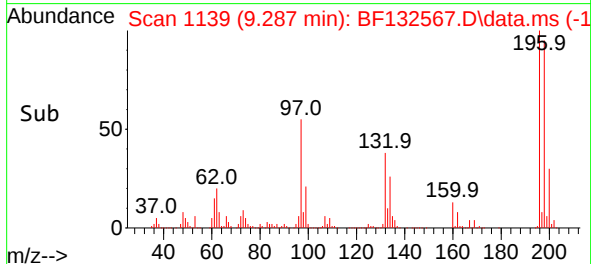
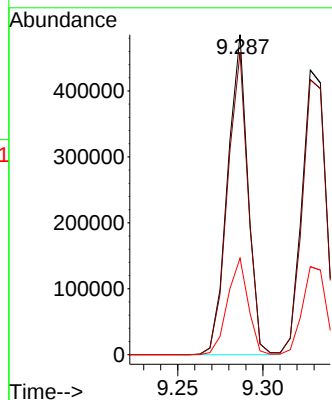
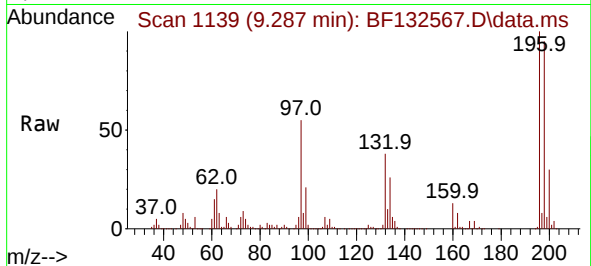




#43
2,4,6-Trichlorophenol
Concen: 43.435 ng
RT: 9.287 min Scan# 1119
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

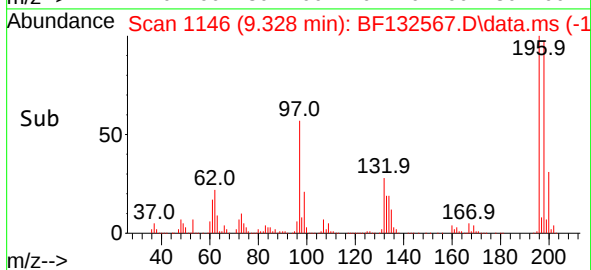
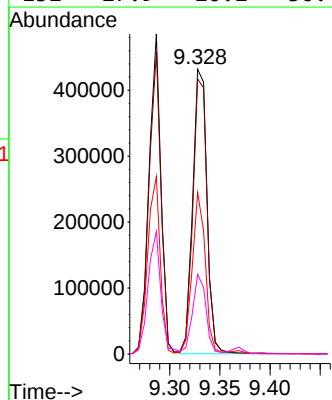
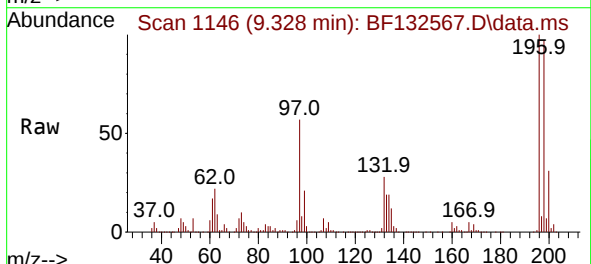
Instrument :
BNA_F
ClientSampleId :
PB151085BS

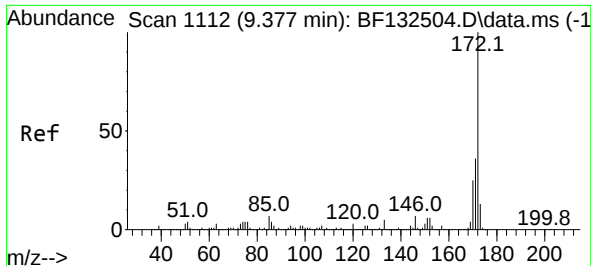
Tgt Ion:196 Resp: 402733
Ion Ratio Lower Upper
196 100
198 94.5 77.1 115.7
200 30.1 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 39.514 ng
RT: 9.328 min Scan# 1146
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:196 Resp: 427614
Ion Ratio Lower Upper
196 100
198 96.6 78.3 117.5
97 56.7 38.1 57.1
132 27.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 63.075 ng

RT: 9.369 min Scan# 1112

Delta R.T. -0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

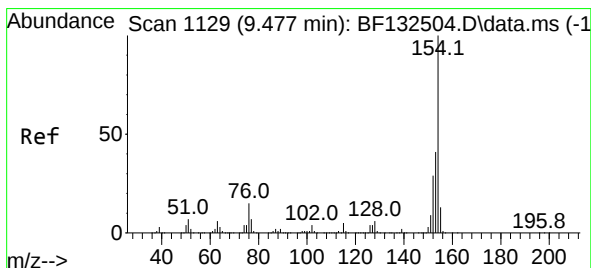
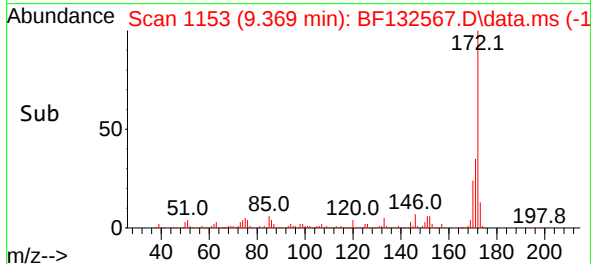
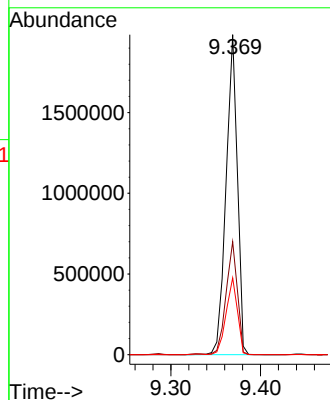
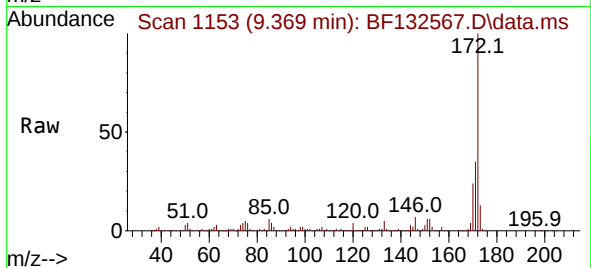
Tgt Ion:172 Resp: 1732284

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.0 19.7 29.5



#46

1,1'-Biphenyl

Concen: 40.695 ng

RT: 9.475 min Scan# 1171

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

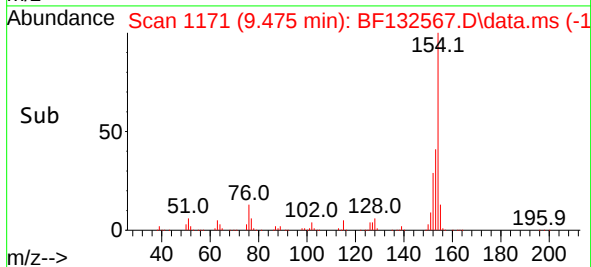
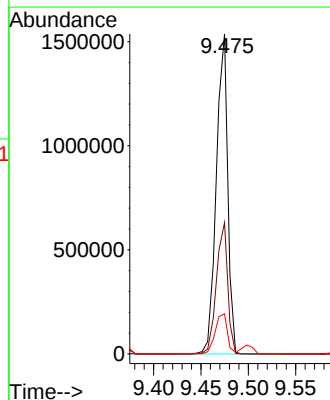
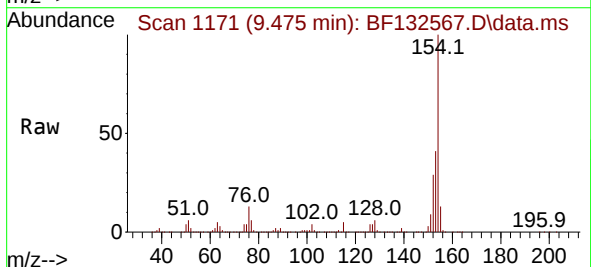
Tgt Ion:154 Resp: 1288043

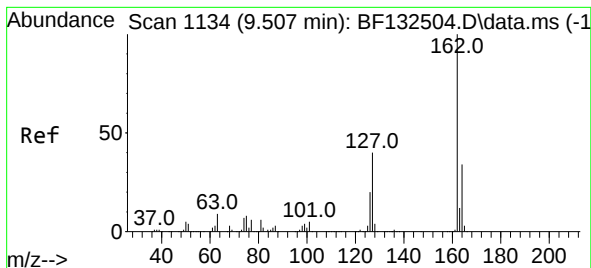
Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

76 12.6 0.0 34.7





#47

2-Chloronaphthalene

Concen: 42.044 ng

RT: 9.498 min Scan# 1134

Delta R.T. -0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

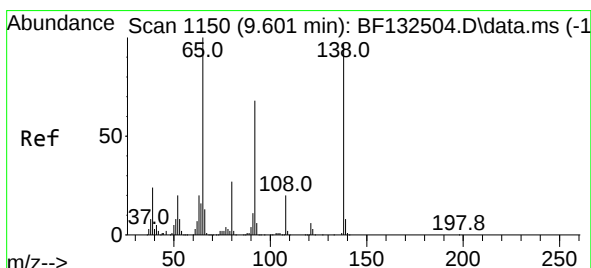
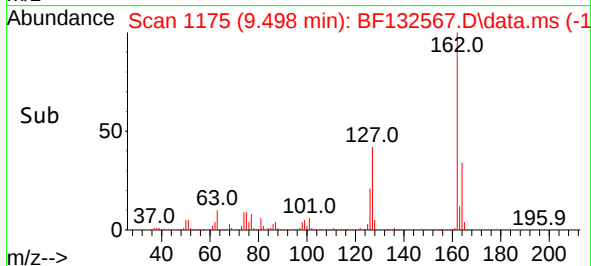
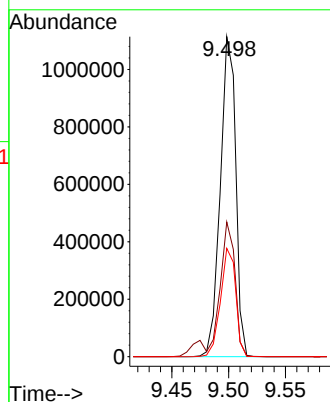
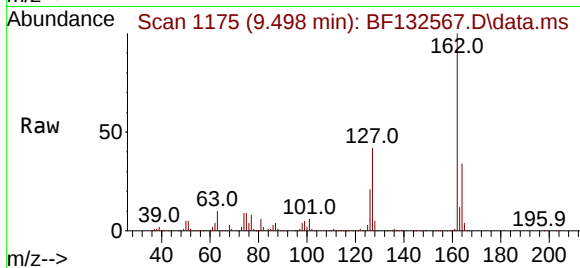
Tgt Ion:162 Resp: 1055085

Ion Ratio Lower Upper

162 100

127 42.1 32.3 48.5

164 33.9 26.9 40.3



#48

2-Nitroaniline

Concen: 40.111 ng

RT: 9.598 min Scan# 1192

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

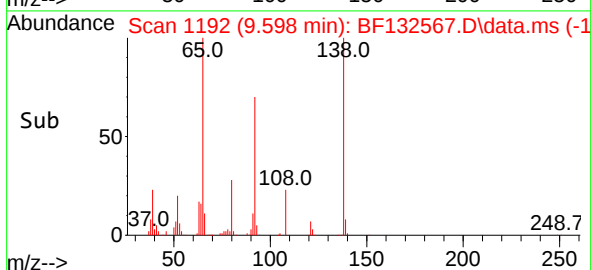
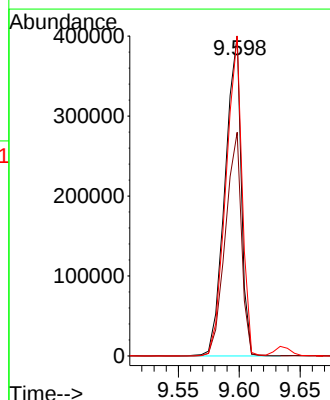
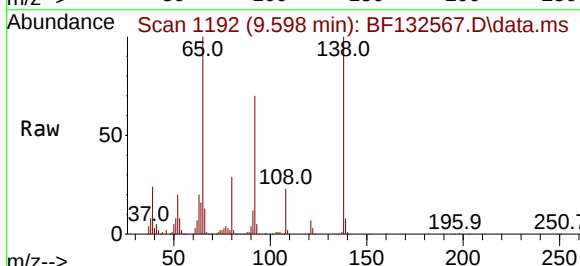
Tgt Ion: 65 Resp: 370721

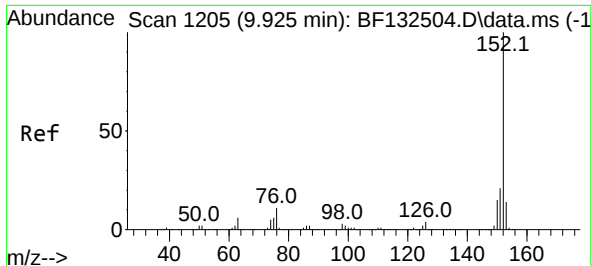
Ion Ratio Lower Upper

65 100

92 69.9 54.5 81.7

138 100.0 77.2 115.8





#49

Acenaphthylene

Concen: 40.117 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

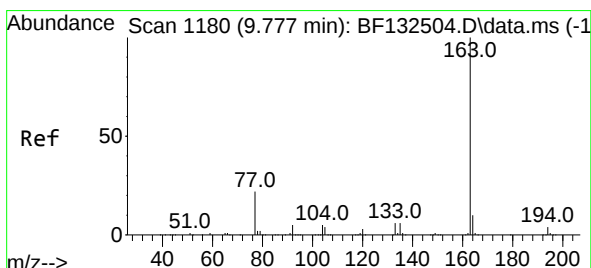
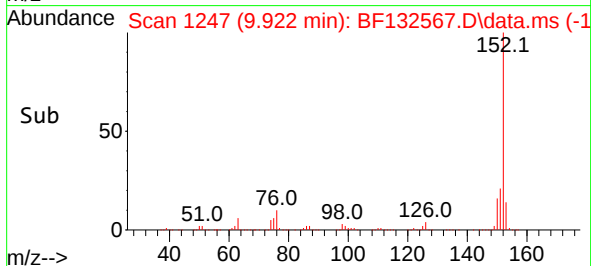
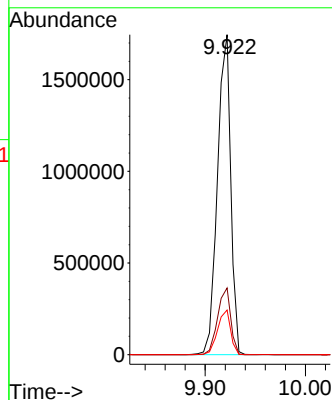
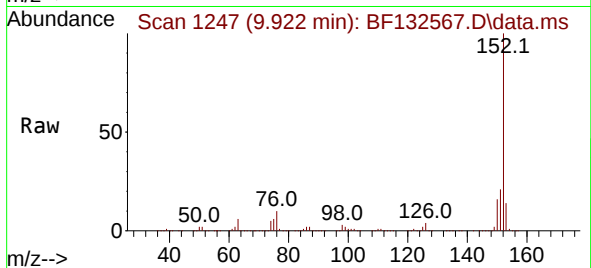
Tgt Ion:152 Resp: 1602228

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

153 14.0 11.0 16.6



#50

Dimethylphthalate

Concen: 42.098 ng

RT: 9.775 min Scan# 1222

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

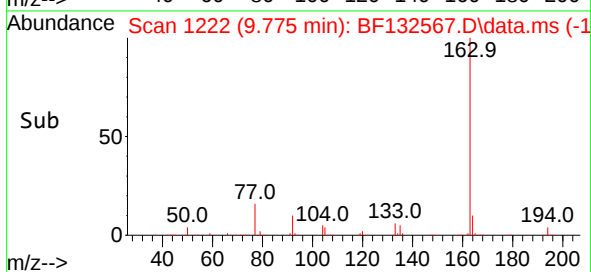
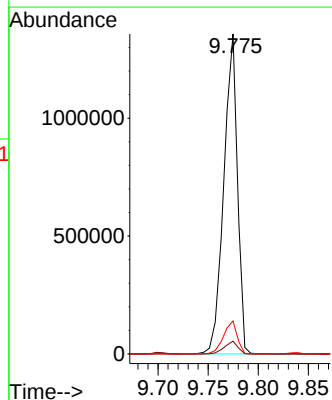
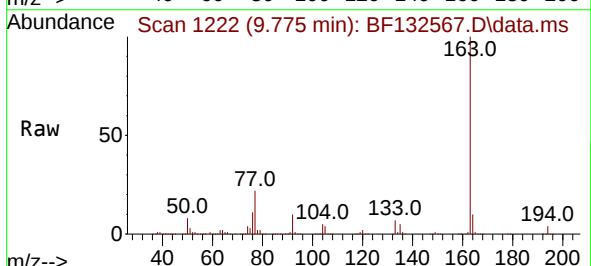
Tgt Ion:163 Resp: 1281831

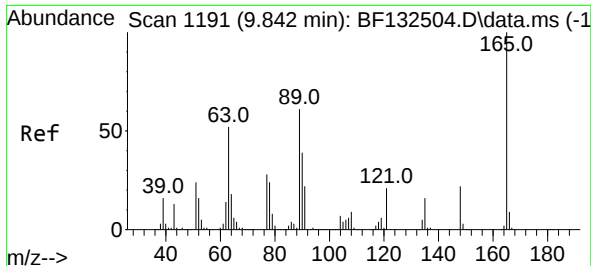
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 42.272 ng

RT: 9.839 min Scan# 1191

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

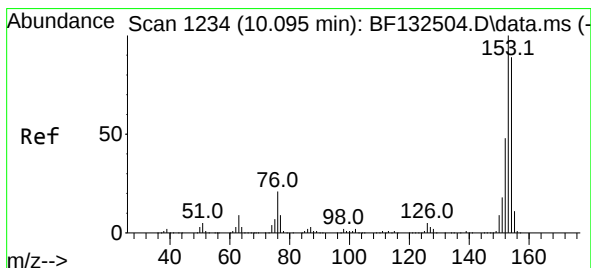
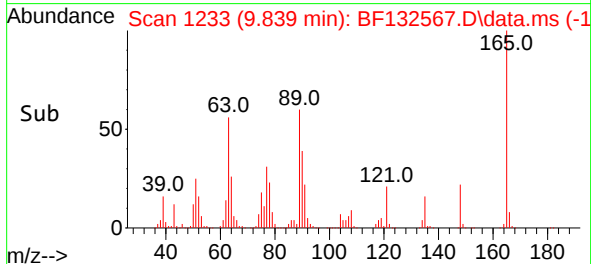
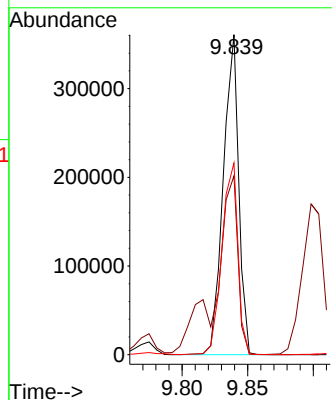
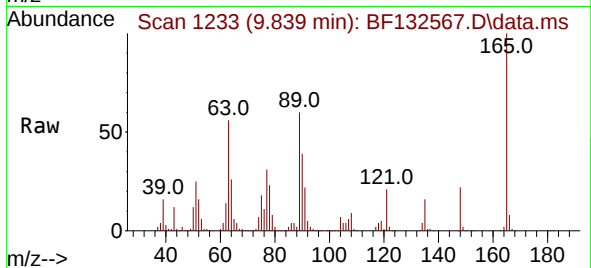
Tgt Ion:165 Resp: 293129

Ion Ratio Lower Upper

165 100

63 55.9 47.3 70.9

89 59.9 48.9 73.3



#52

Acenaphthene

Concen: 39.029 ng

RT: 10.092 min Scan# 1276

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

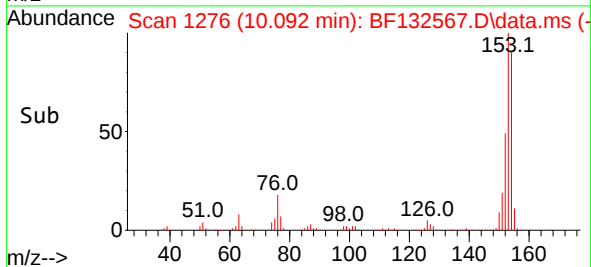
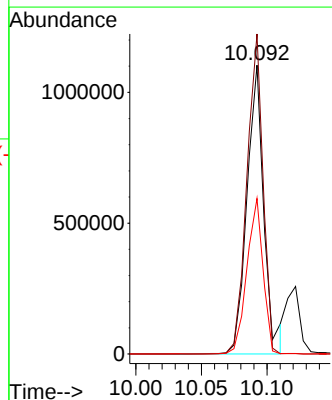
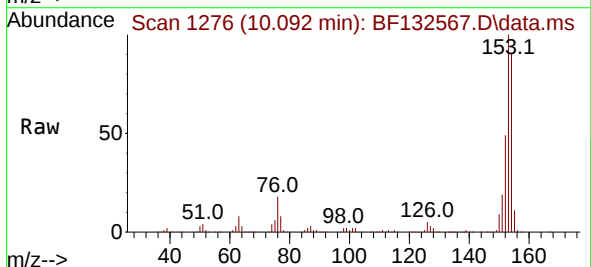
Tgt Ion:154 Resp: 989785

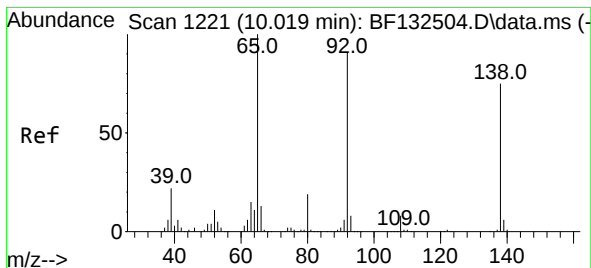
Ion Ratio Lower Upper

154 100

153 110.8 89.8 134.8

152 53.8 43.3 64.9

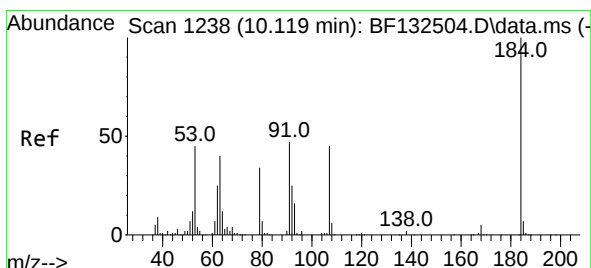
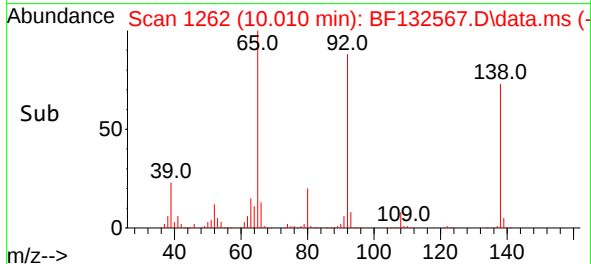
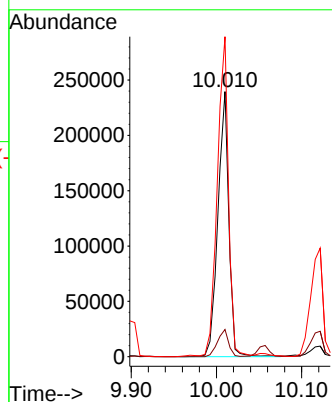
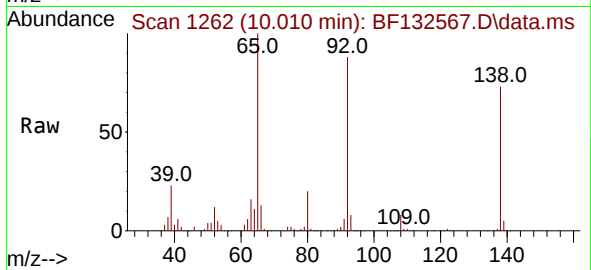




#53
3-Nitroaniline
Concen: 27.436 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

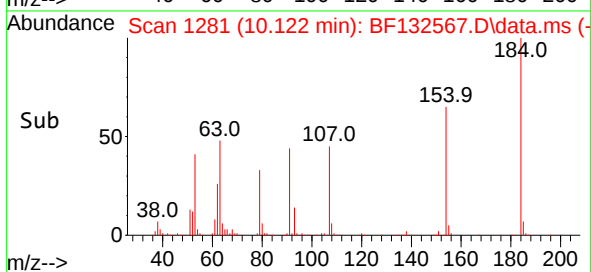
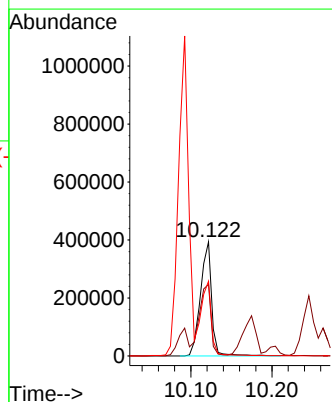
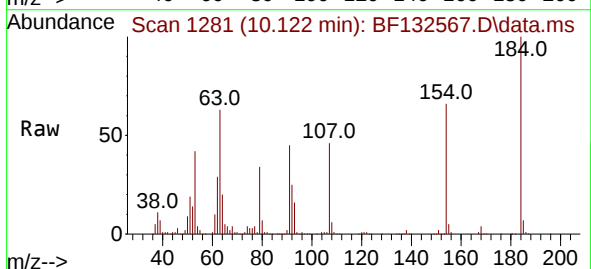
Instrument :
BNA_F
ClientSampleId :
PB151085BS

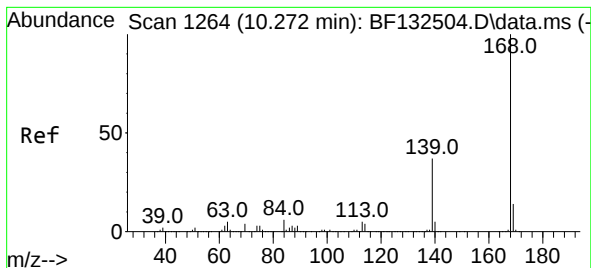
Tgt Ion:138 Resp: 212822
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 120.7 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 86.901 ng
RT: 10.122 min Scan# 1281
Delta R.T. 0.009 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:184 Resp: 380453
Ion Ratio Lower Upper
184 100
63 62.7 51.4 77.2
154 65.5 48.3 72.5





#55

Dibenzofuran

Concen: 40.115 ng

RT: 10.263 min Scan# 11

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

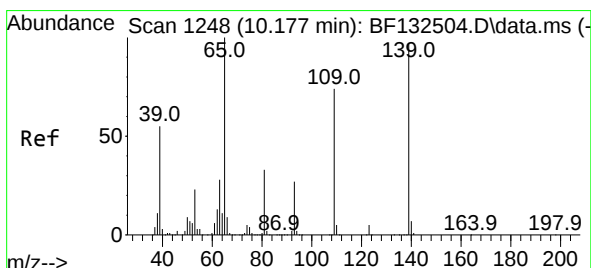
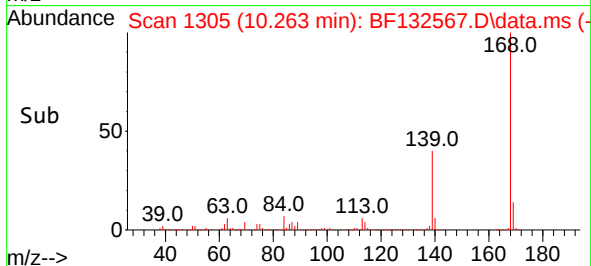
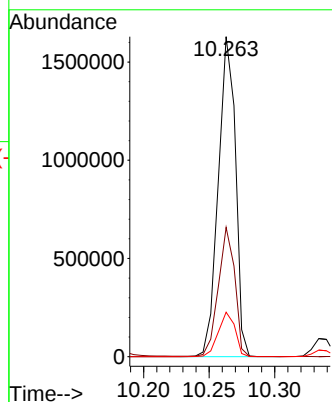
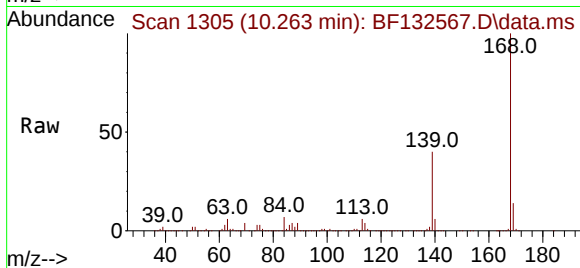
Tgt Ion:168 Resp: 1483100

Ion Ratio Lower Upper

168 100

139 40.4 29.8 44.6

169 13.9 10.9 16.3



#56

4-Nitrophenol

Concen: 81.158 ng

RT: 10.175 min Scan# 1290

Delta R.T. 0.009 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

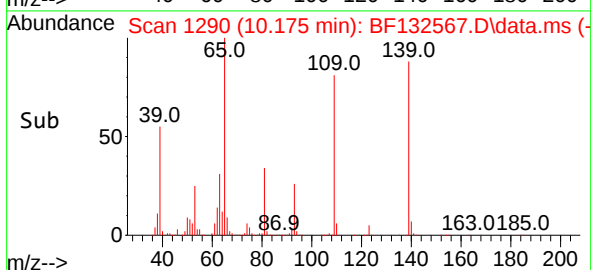
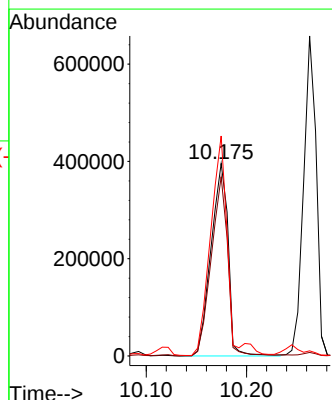
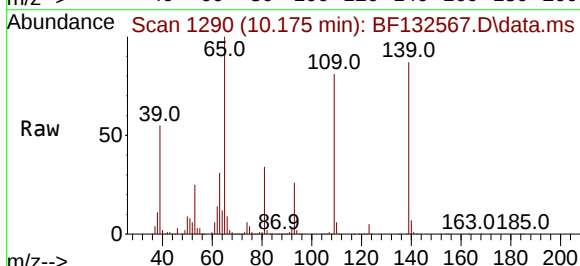
Tgt Ion:139 Resp: 469490

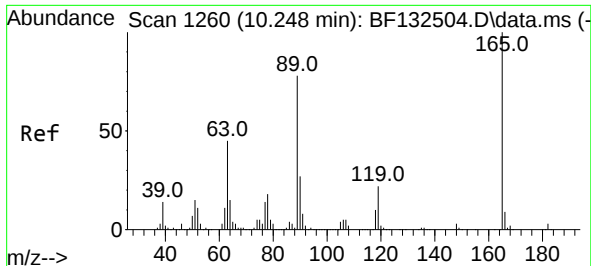
Ion Ratio Lower Upper

139 100

109 93.1 56.7 96.7

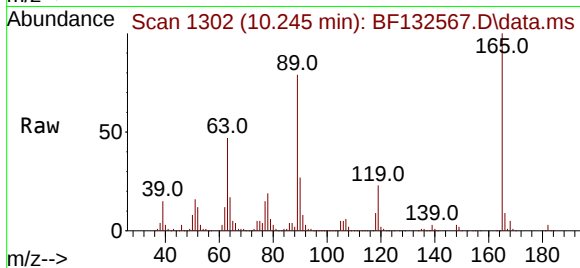
65 114.3 83.5 123.5



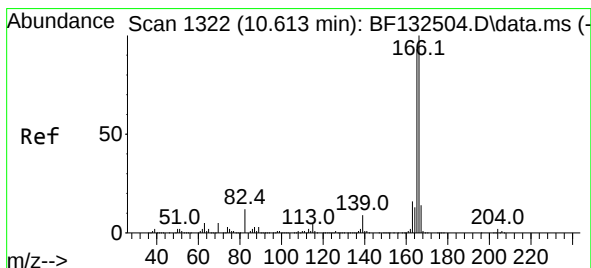
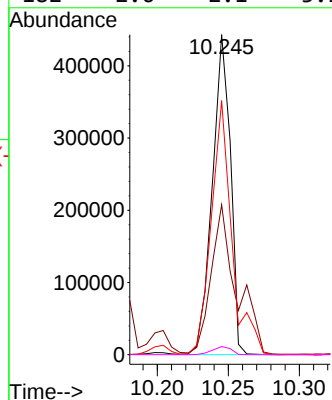
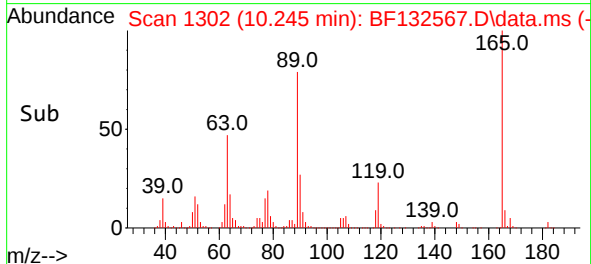


#57
2,4-Dinitrotoluene
Concen: 42.563 ng
RT: 10.245 min Scan# 1302
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB151085BS

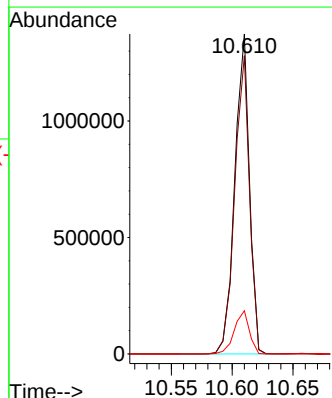
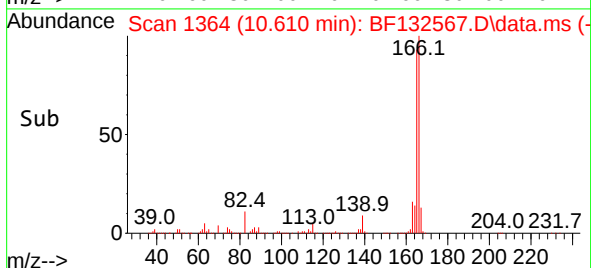
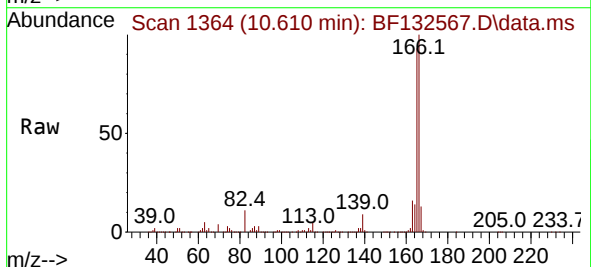


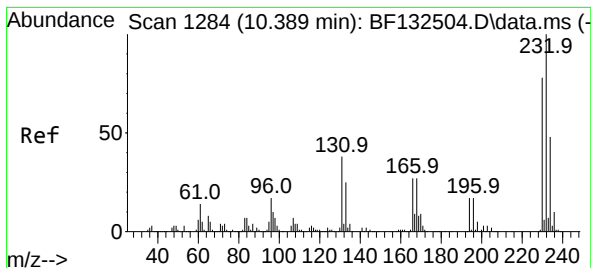
Tgt Ion:165 Resp: 392659
Ion Ratio Lower Upper
165 100
63 46.9 36.5 54.7
89 79.4 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 40.601 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:166 Resp: 1148176
Ion Ratio Lower Upper
166 100
165 93.2 74.2 111.4
167 13.5 11.1 16.7

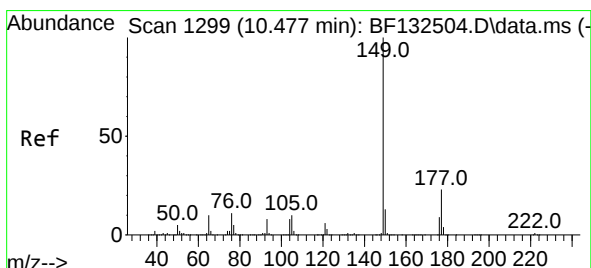
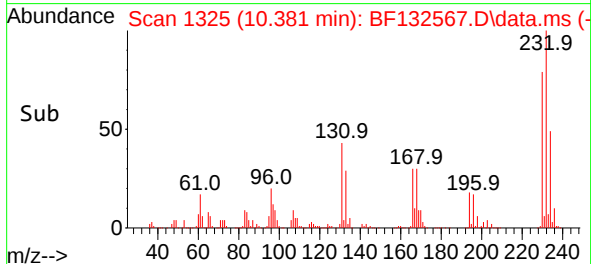
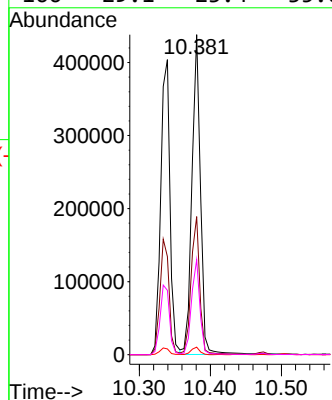
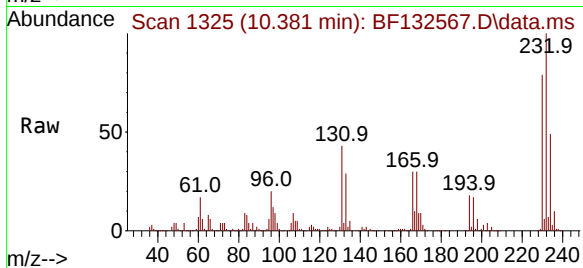




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.669 ng
RT: 10.381 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

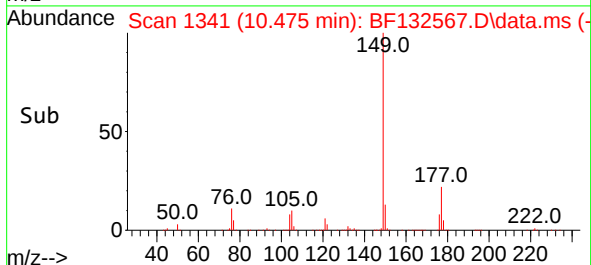
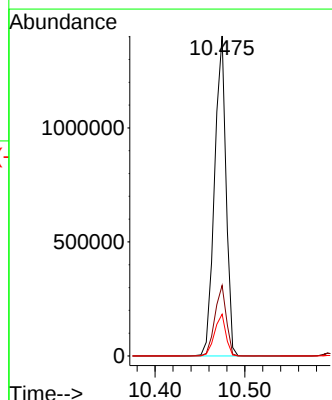
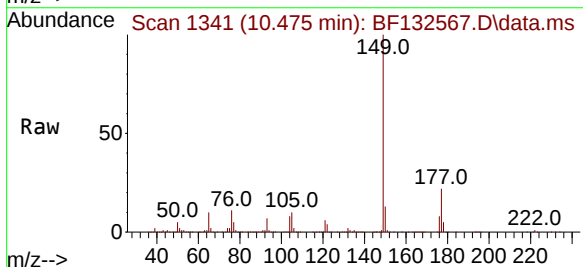
Instrument :
BNA_F
ClientSampleId :
PB151085BS

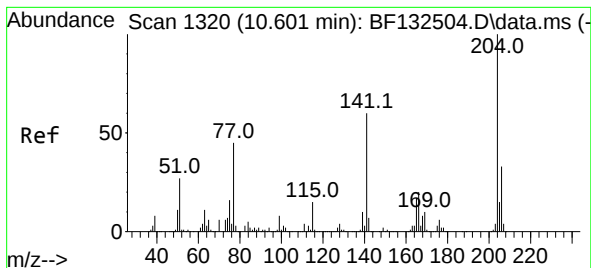
Tgt Ion:232 Resp: 367125
Ion Ratio Lower Upper
232 100
131 43.3 33.8 50.8
130 2.3 1.7 2.5
166 29.1 23.4 35.0



#60
Diethylphthalate
Concen: 42.019 ng
RT: 10.475 min Scan# 1341
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:149 Resp: 1249539
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 13.1 10.2 15.2

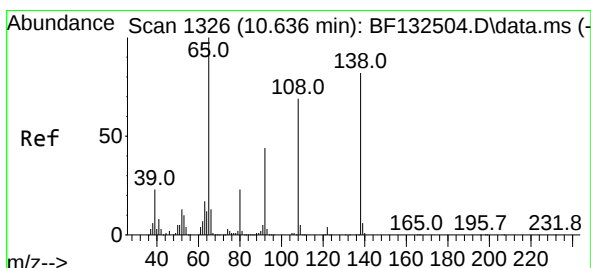
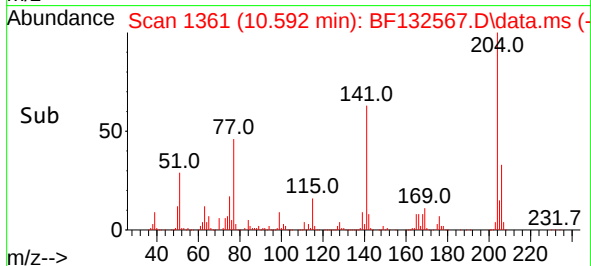
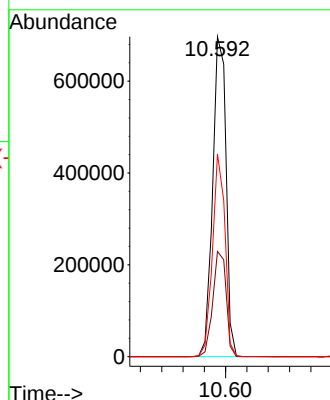
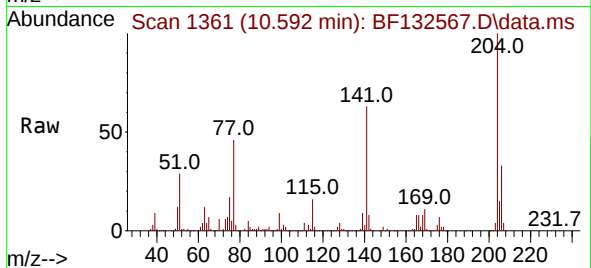




#61
4-Chlorophenyl-phenylether
Concen: 41.304 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

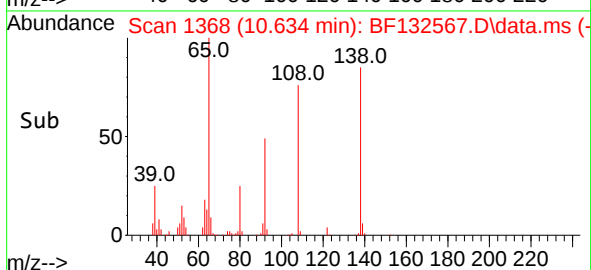
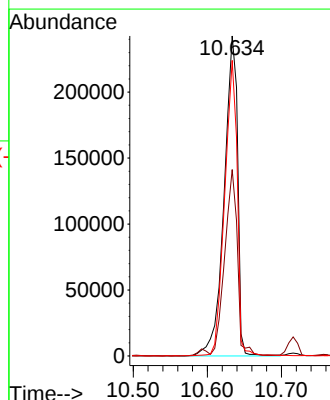
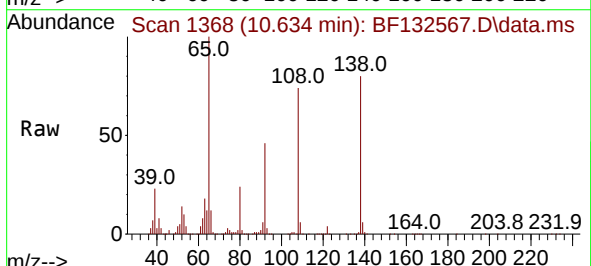
Instrument :
BNA_F
ClientSampleId :
PB151085BS

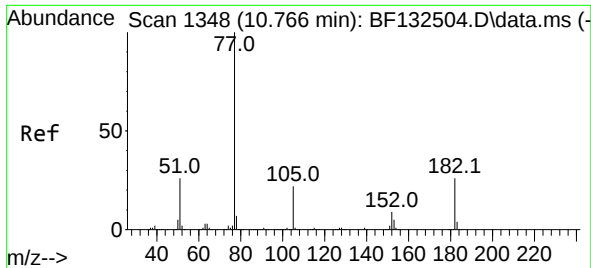
Tgt Ion:204 Resp: 605963
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 63.3 47.8 71.8



#62
4-Nitroaniline
Concen: 40.371 ng
RT: 10.634 min Scan# 1368
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:138 Resp: 307402
Ion Ratio Lower Upper
138 100
92 58.3 33.8 73.8
108 92.4 63.7 103.7



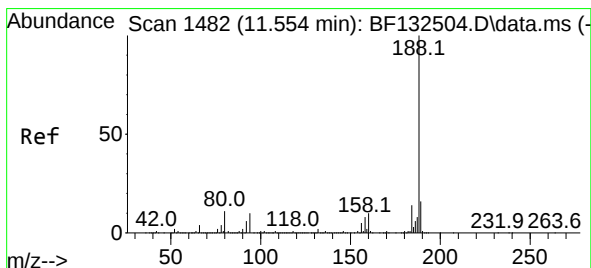
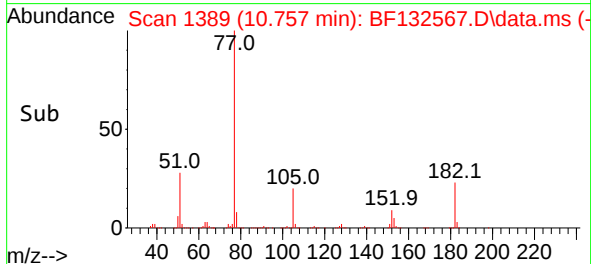
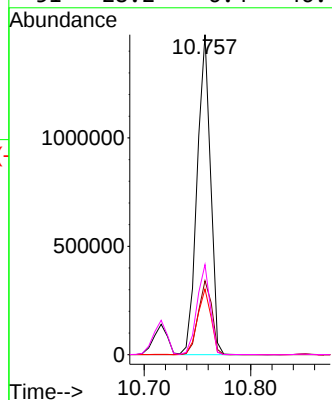
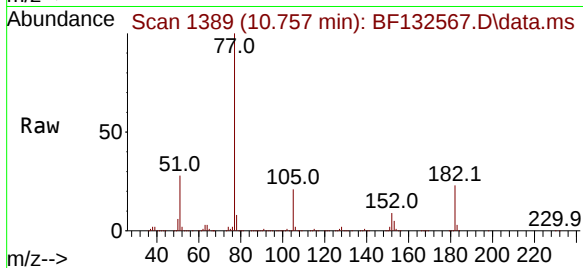


#63
Azobenzene
Concen: 40.823 ng
RT: 10.757 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB151085BS

Tgt Ion: 77 Resp: 1285678

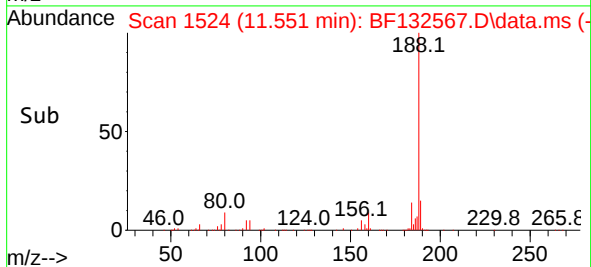
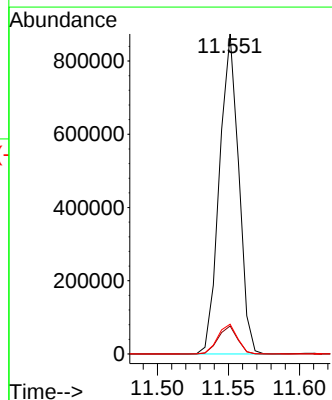
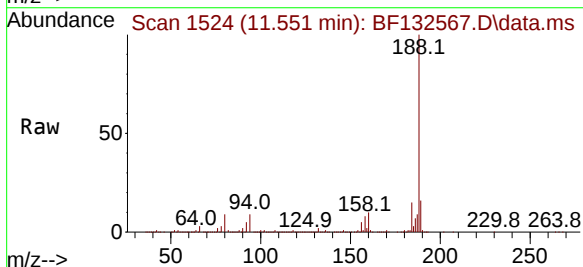
Ion	Ratio	Lower	Upper
77	100		
182	23.1	5.5	45.5
105	20.5	1.8	41.8
51	28.2	6.4	46.4

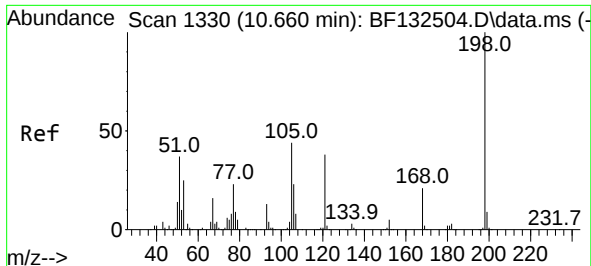


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.551 min Scan# 1524
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion: 188 Resp: 823311

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.3	12.5
80	9.3	8.7	13.1

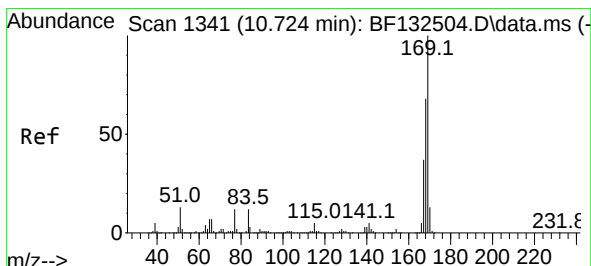
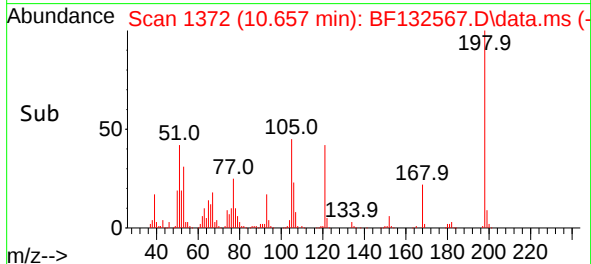
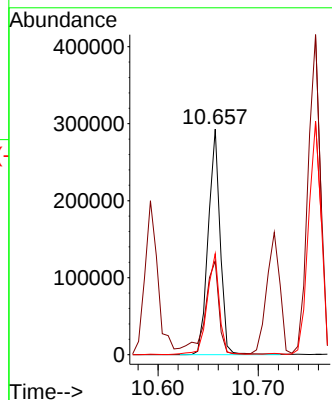
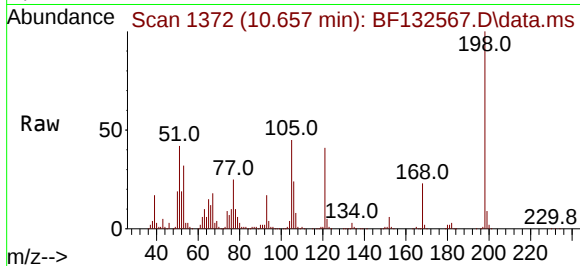




#65
4,6-Dinitro-2-methylphenol
Concen: 43.474 ng
RT: 10.657 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

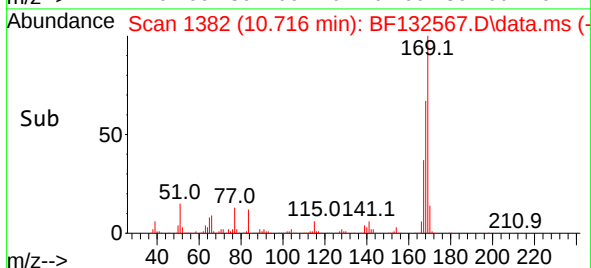
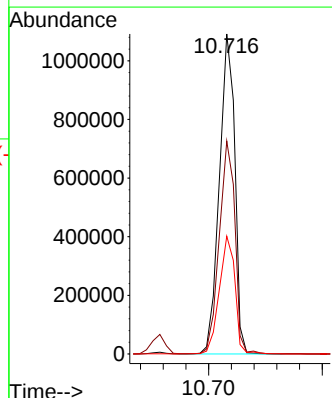
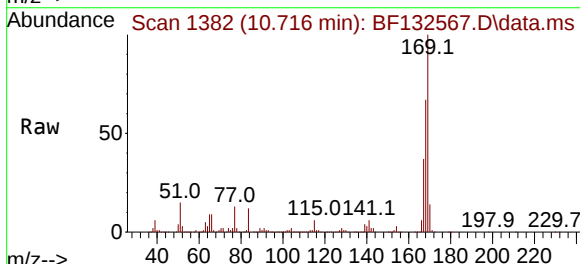
Instrument :
BNA_F
ClientSampleId :
PB151085BS

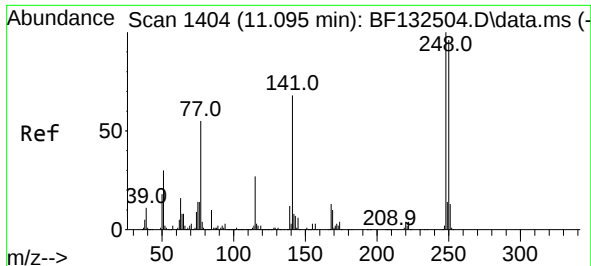
Tgt Ion:198 Resp: 242297
Ion Ratio Lower Upper
198 100
51 41.6 20.6 60.6
105 44.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 40.150 ng
RT: 10.716 min Scan# 1382
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:169 Resp: 1030549
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.4
167 36.8 29.6 44.4

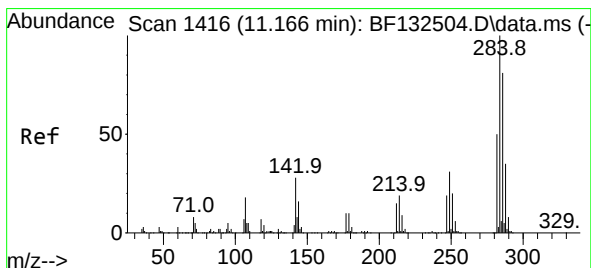
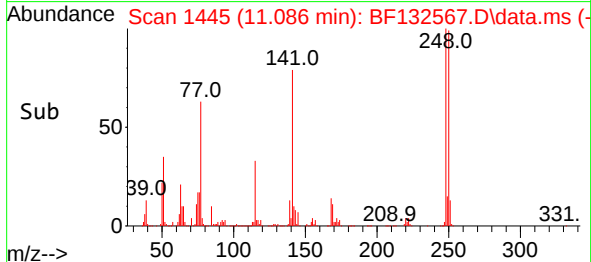
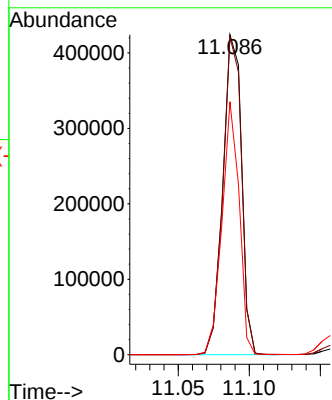
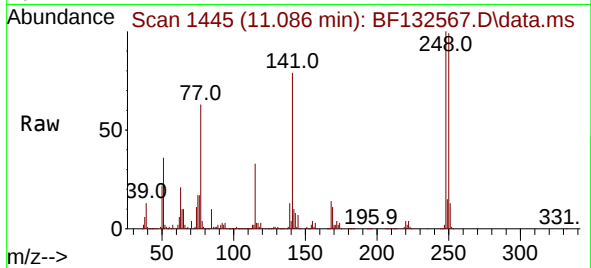




#67
4-Bromophenyl-phenylether
Concen: 41.800 ng
RT: 11.086 min Scan# 1445
Delta R.T. -0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

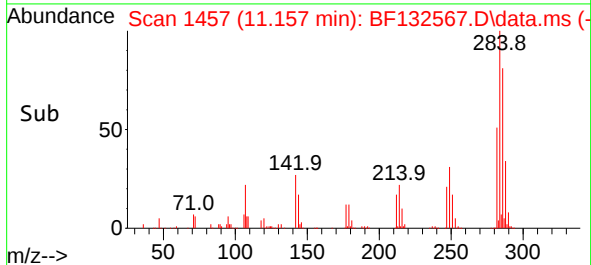
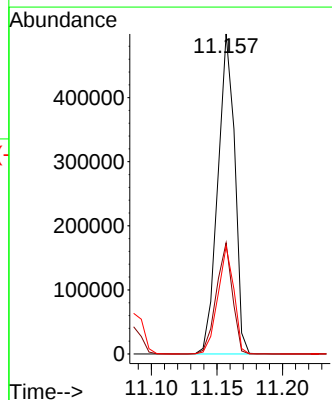
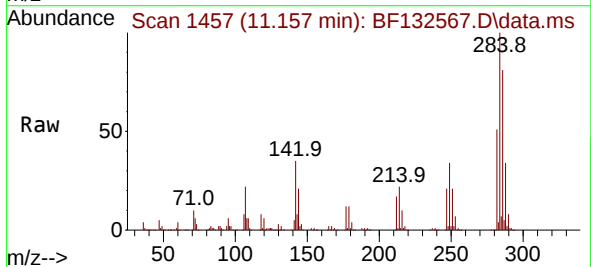
Instrument :
BNA_F
ClientSampleId :
PB151085BS

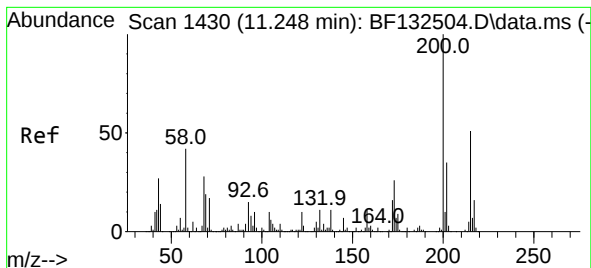
Tgt Ion:248 Resp: 389284
Ion Ratio Lower Upper
248 100
250 99.3 77.0 115.4
141 79.0 54.2 81.2



#68
Hexachlorobenzene
Concen: 45.476 ng
RT: 11.157 min Scan# 1457
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:284 Resp: 445639
Ion Ratio Lower Upper
284 100
142 34.8 22.2 33.4#
249 33.7 24.9 37.3





#69

Atrazine

Concen: 47.056 ng

RT: 11.245 min Scan# 14

Delta R.T. 0.009 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

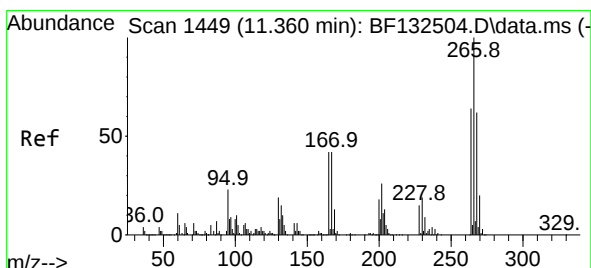
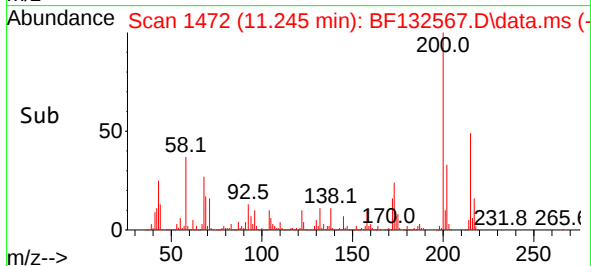
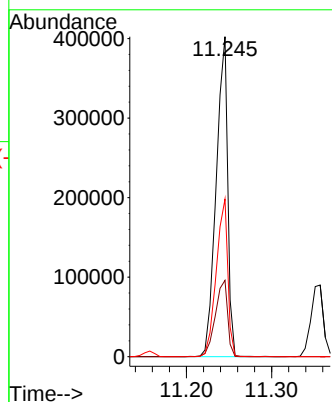
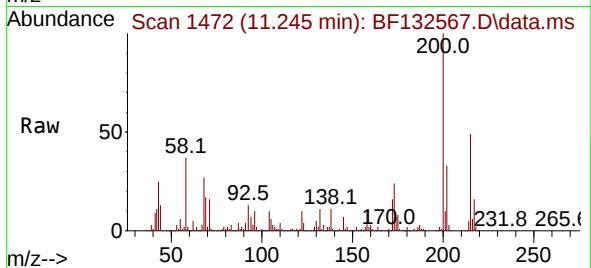
Tgt Ion:200 Resp: 377063

Ion Ratio Lower Upper

200 100

173 23.9 6.4 46.4

215 49.3 31.0 71.0



#70

Pentachlorophenol

Concen: 84.253 ng

RT: 11.357 min Scan# 1491

Delta R.T. 0.009 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

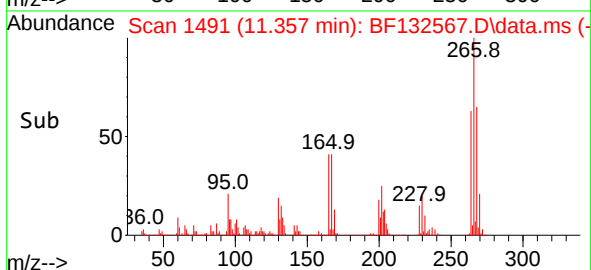
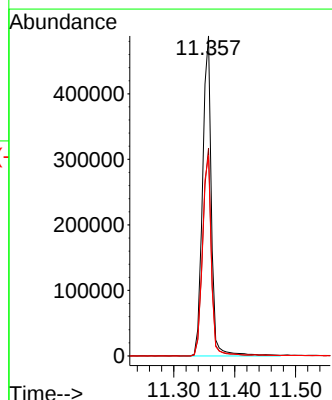
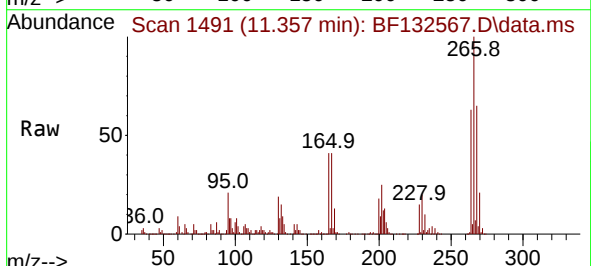
Tgt Ion:266 Resp: 491220

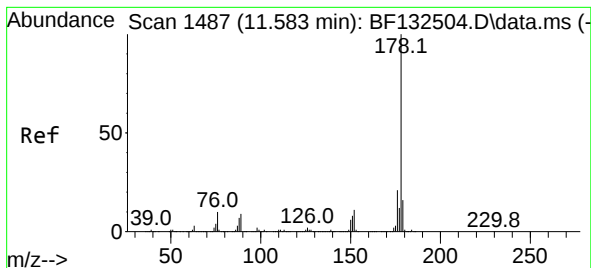
Ion Ratio Lower Upper

266 100

268 64.9 49.8 74.6

264 62.6 50.9 76.3





#71

Phenanthrene

Concen: 40.217 ng

RT: 11.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

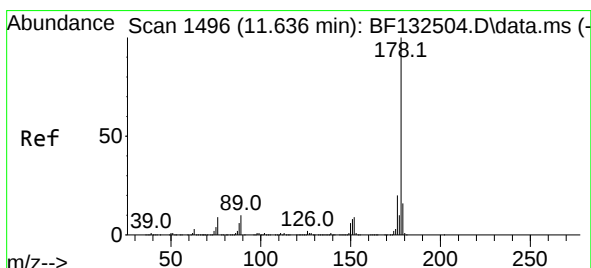
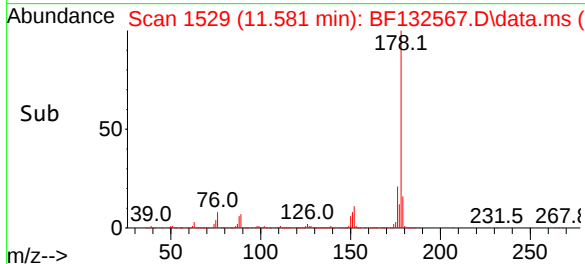
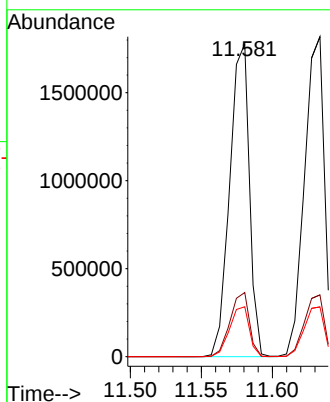
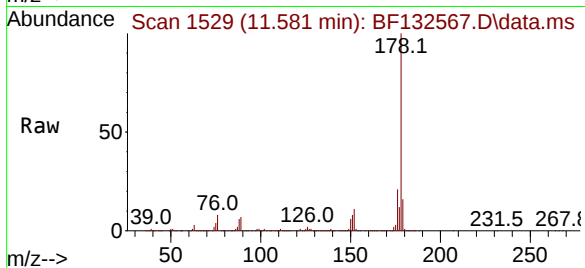
Tgt Ion:178 Resp: 1715313

Ion Ratio Lower Upper

178 100

176 20.5 16.5 24.7

179 16.0 13.0 19.6



#72

Anthracene

Concen: 40.437 ng

RT: 11.633 min Scan# 1538

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

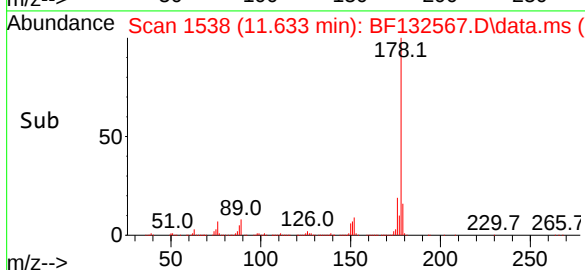
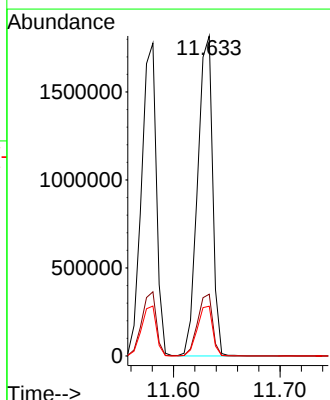
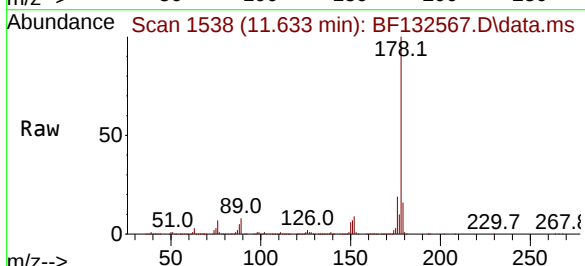
Tgt Ion:178 Resp: 1776058

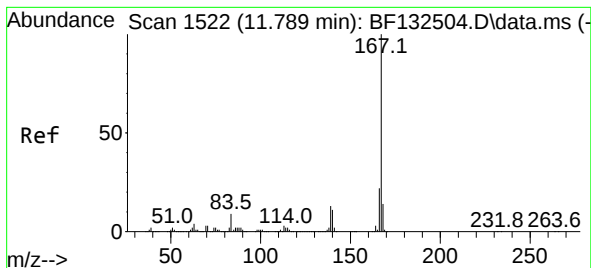
Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.6 12.5 18.7





#73

Carbazole

Concen: 40.384 ng

RT: 11.786 min Scan# 1

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

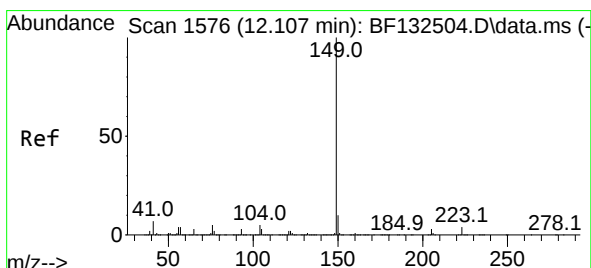
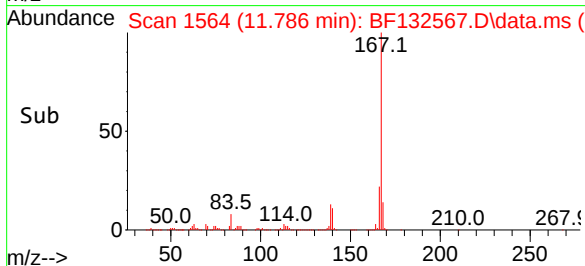
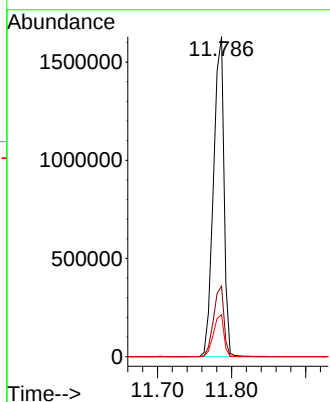
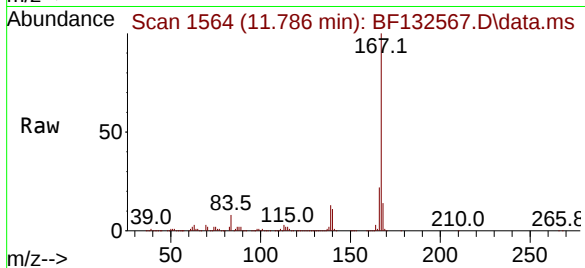
Tgt Ion:167 Resp: 1599203

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.425 ng

RT: 12.098 min Scan# 1617

Delta R.T. -0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

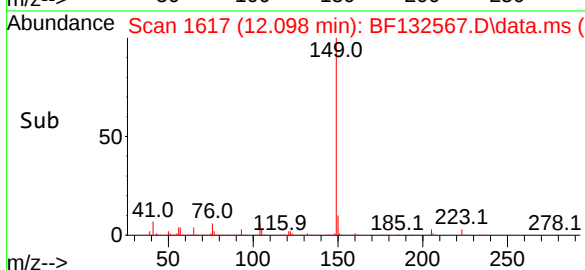
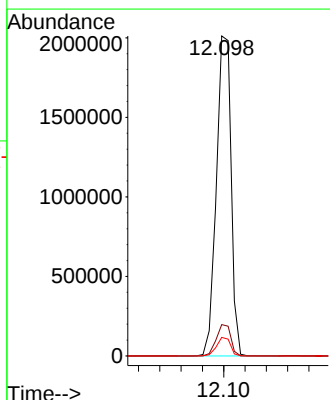
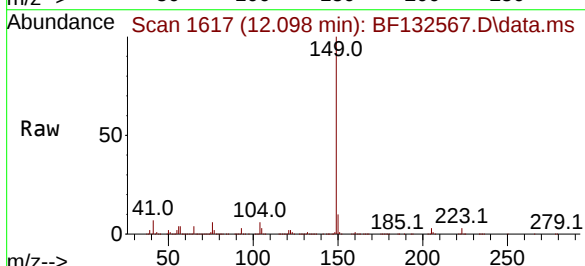
Tgt Ion:149 Resp: 1924230

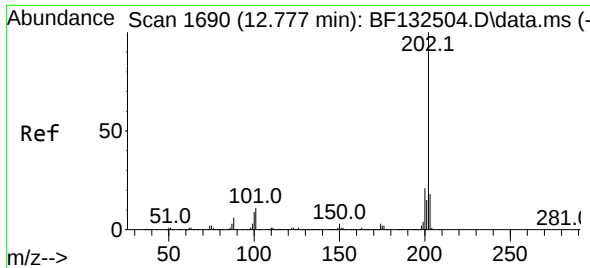
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

104 5.8 4.3 6.5

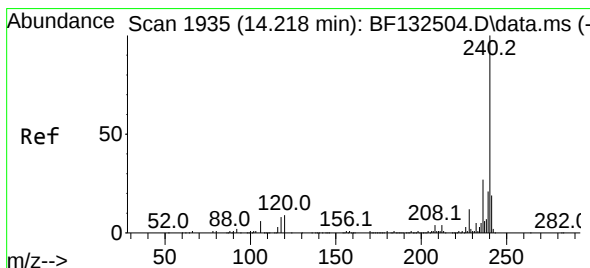
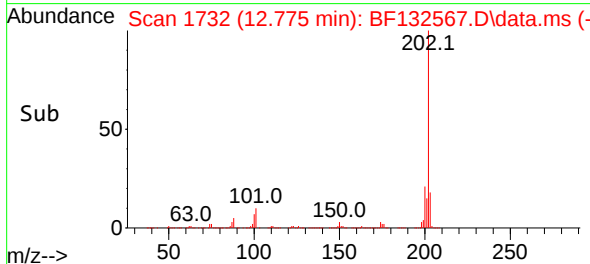
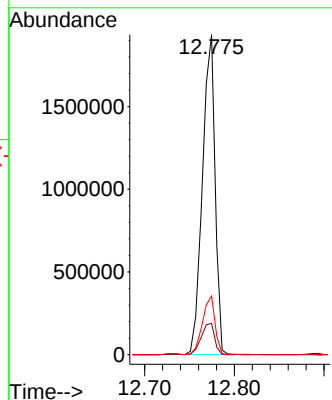
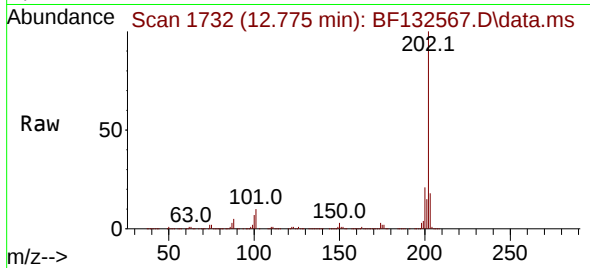




#75
Fluoranthene
Concen: 40.568 ng
RT: 12.775 min Scan# 11
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

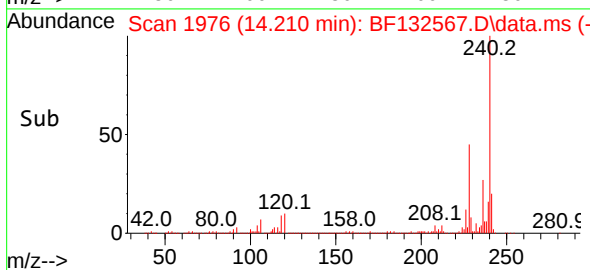
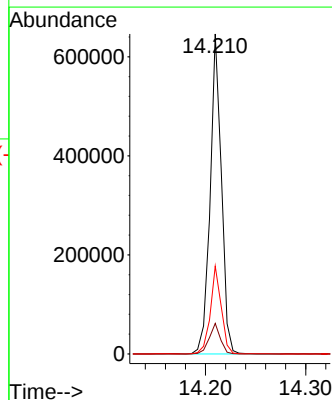
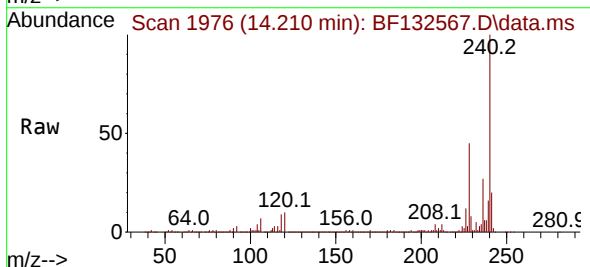
Instrument :
BNA_F
ClientSampleId :
PB151085BS

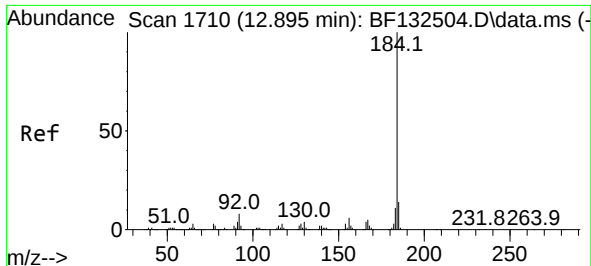
Tgt Ion:202 Resp: 1891558
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.4
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:240 Resp: 505797
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 27.5 21.8 32.6

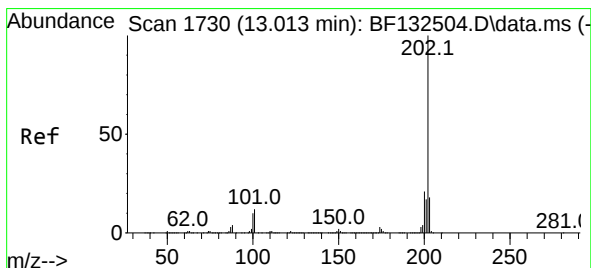
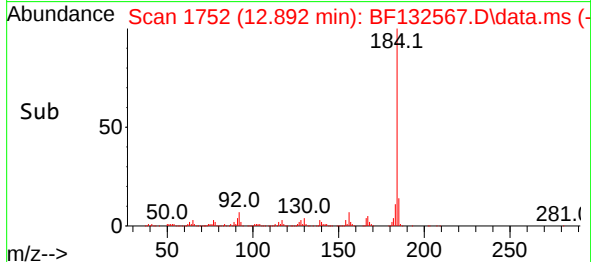
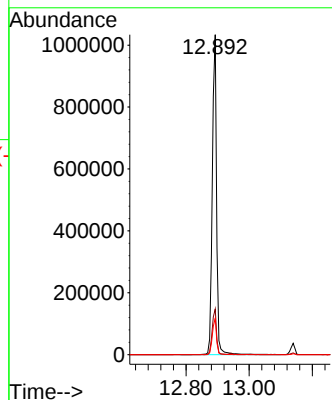
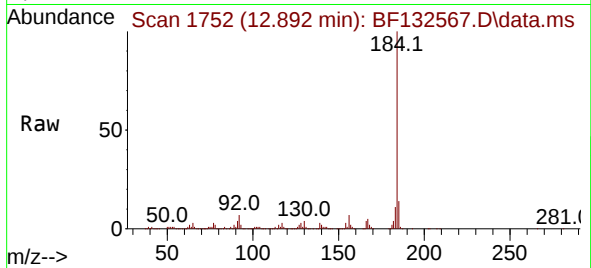




#77
Benzidine
Concen: 78.493 ng
RT: 12.892 min Scan# 1752
Delta R.T. 0.009 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

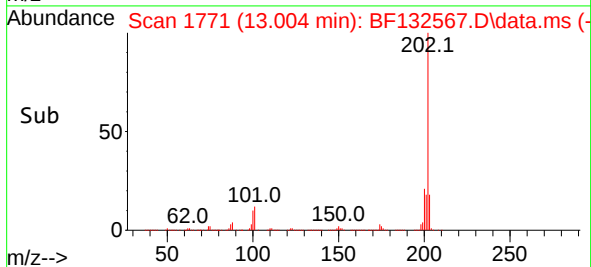
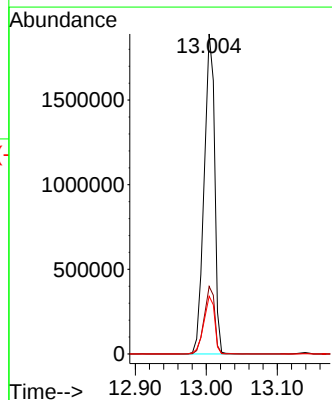
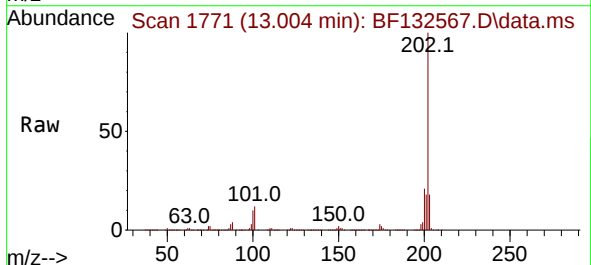
Instrument :
BNA_F
ClientSampleId :
PB151085BS

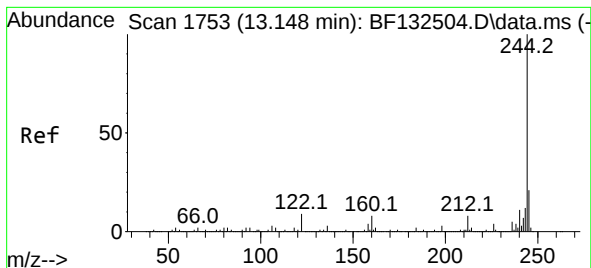
Tgt Ion:184 Resp: 966451
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.4 8.7 13.1



#78
Pyrene
Concen: 42.399 ng
RT: 13.004 min Scan# 1771
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:202 Resp: 1949744
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 70.144 ng

RT: 13.139 min Scan# 1

Delta R.T. -0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

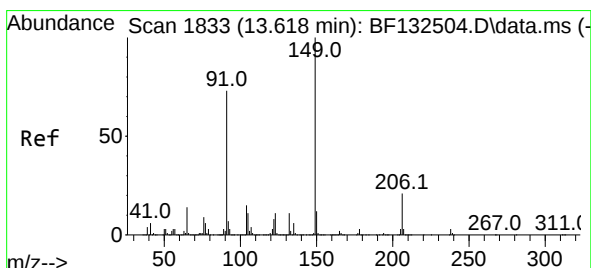
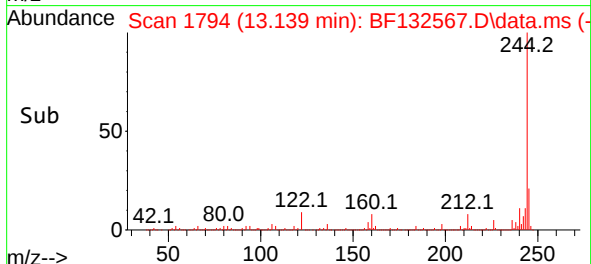
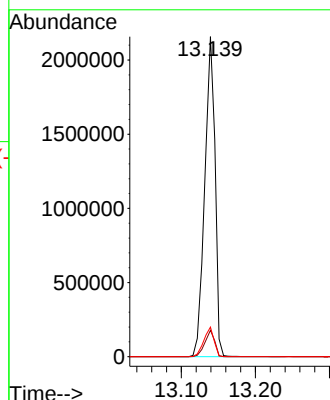
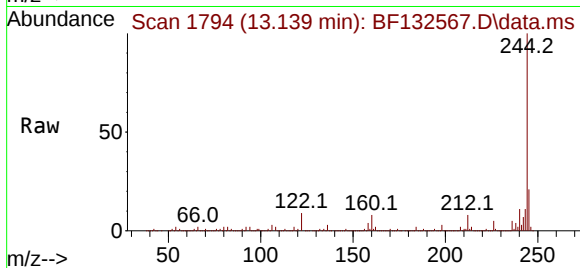
Tgt Ion:244 Resp: 2098408

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 9.3 7.5 11.3



#80

Butylbenzylphthalate

Concen: 42.284 ng

RT: 13.610 min Scan# 1874

Delta R.T. -0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

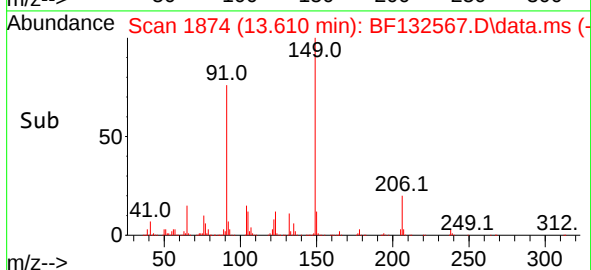
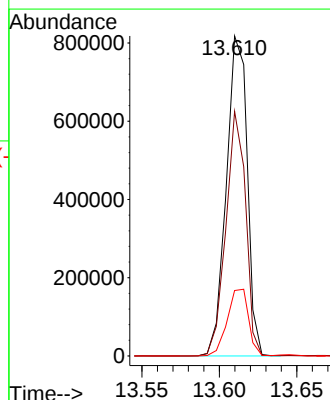
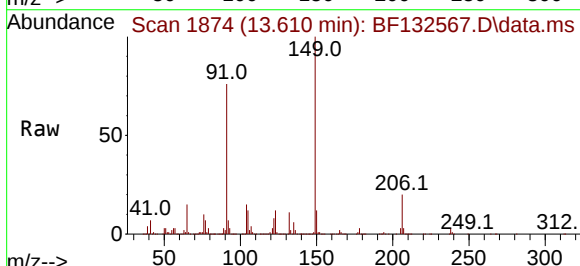
Tgt Ion:149 Resp: 767318

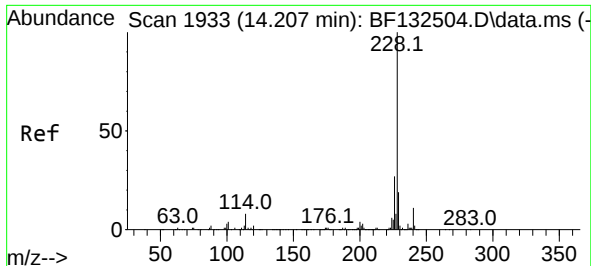
Ion Ratio Lower Upper

149 100

91 76.5 58.4 87.6

206 20.5 16.8 25.2

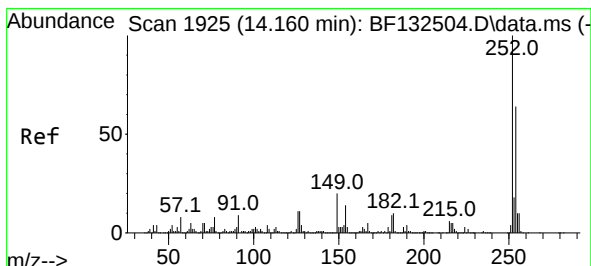
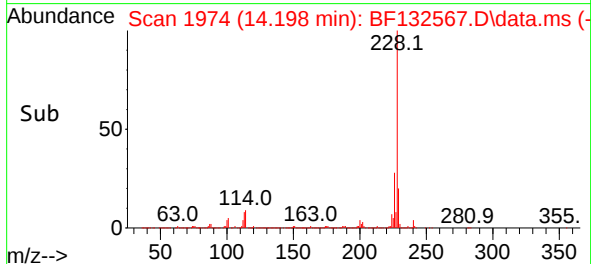
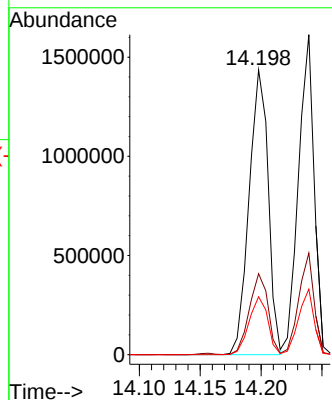
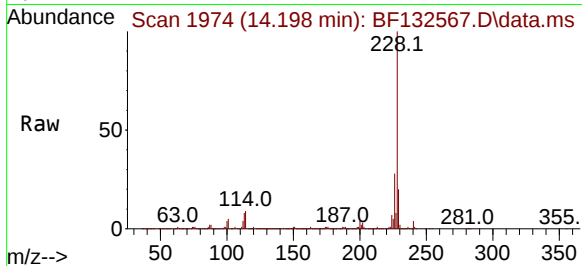




#81
Benzo(a)anthracene
Concen: 41.467 ng
RT: 14.198 min Scan# 1933
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

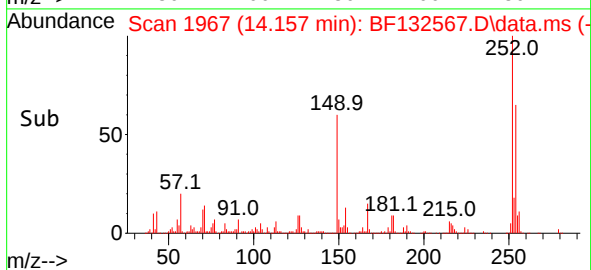
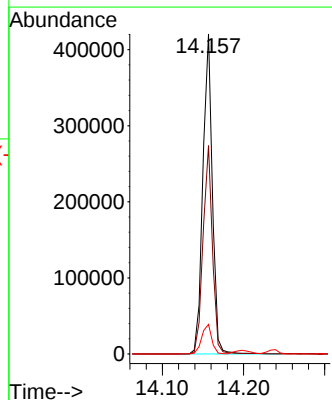
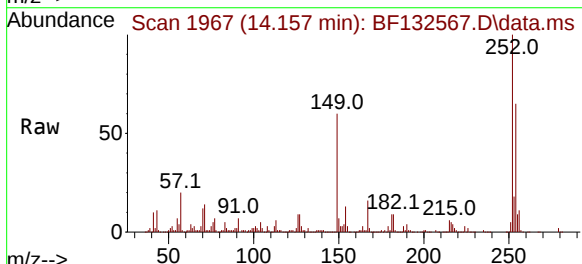
Instrument :
BNA_F
ClientSampleId :
PB151085BS

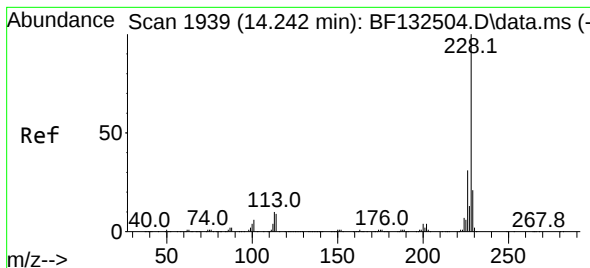
Tgt Ion:228 Resp: 1569303
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 30.639 ng
RT: 14.157 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BF132567.D
Acq: 28 Feb 2023 12:27

Tgt Ion:252 Resp: 341851
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.2
126 9.3 8.9 13.3





#83

Chrysene

Concen: 41.181 ng

RT: 14.239 min Scan# 1939

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

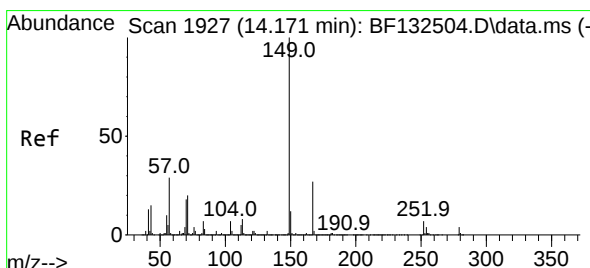
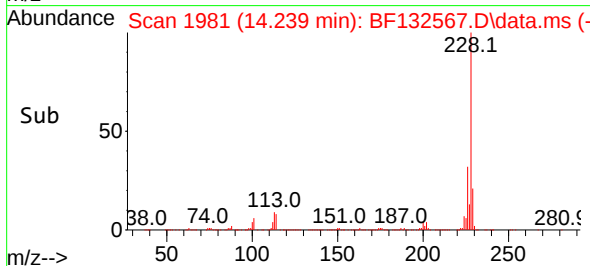
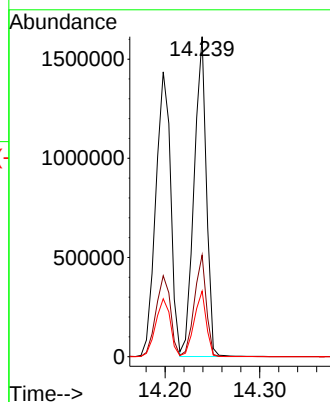
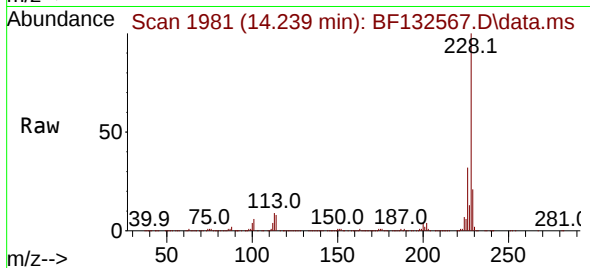
Tgt Ion:228 Resp: 1457396

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

229 20.5 16.4 24.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.227 ng

RT: 14.169 min Scan# 1969

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

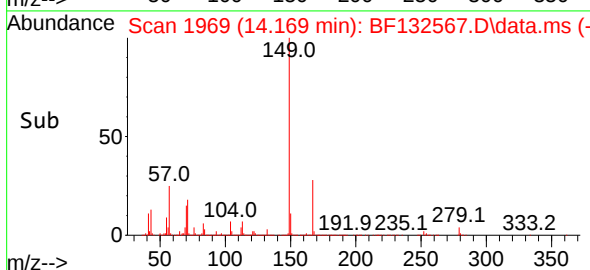
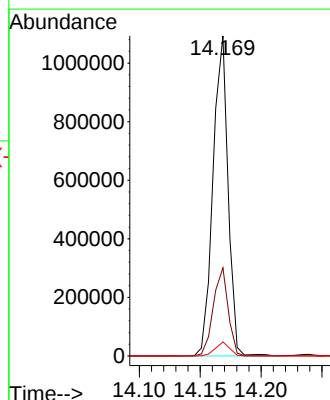
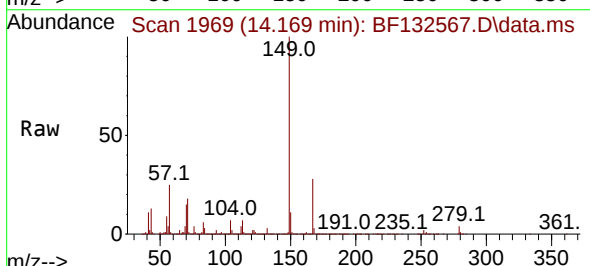
Tgt Ion:149 Resp: 941337

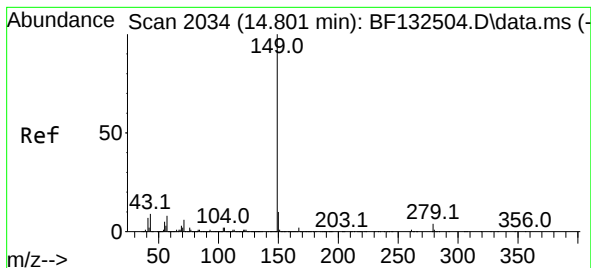
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.800 ng

RT: 14.792 min Scan# 2034

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

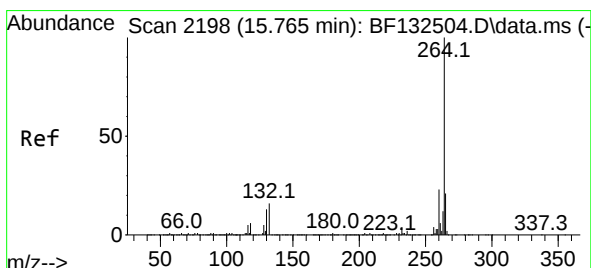
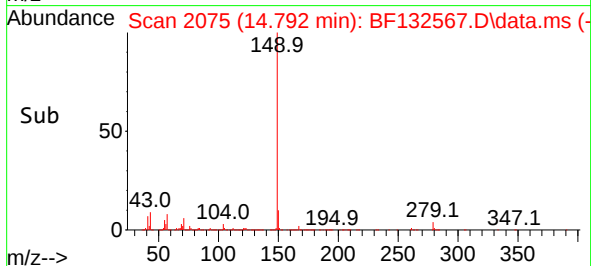
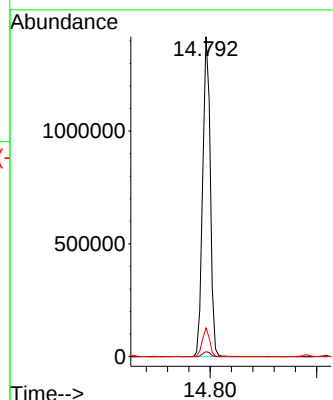
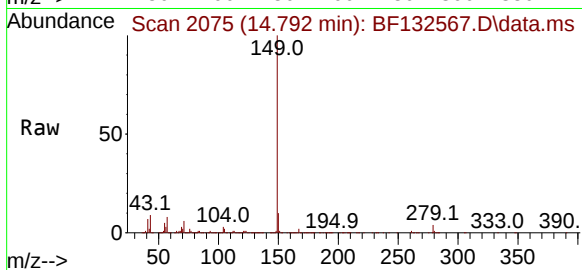
Tgt Ion:149 Resp: 1394279

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 2239

Delta R.T. 0.003 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

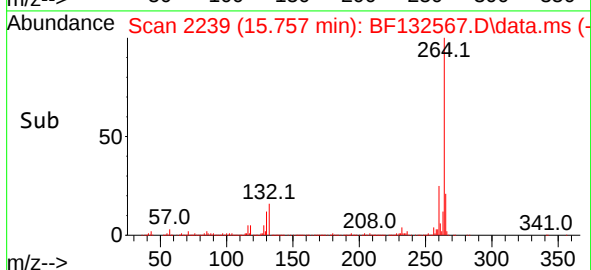
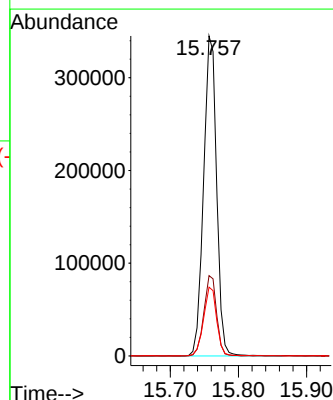
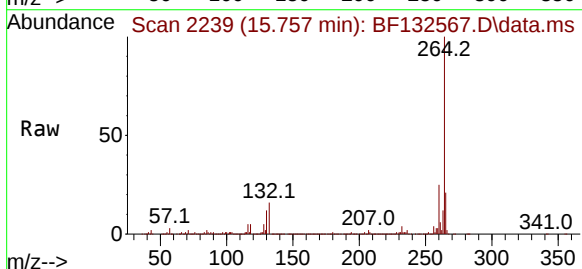
Tgt Ion:264 Resp: 458530

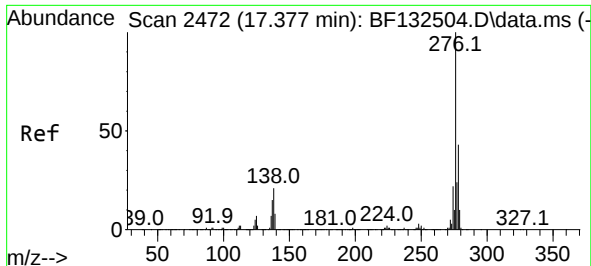
Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 21.5 17.1 25.7

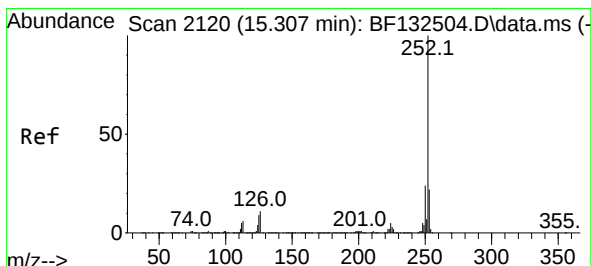
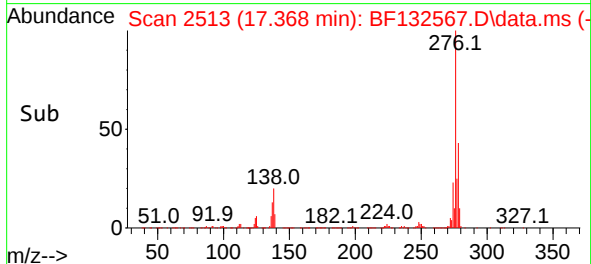
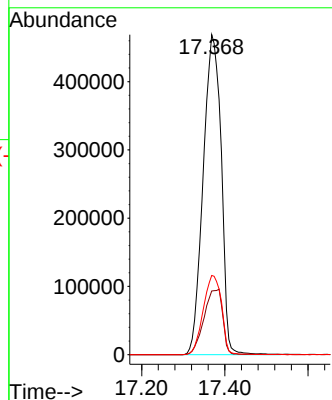
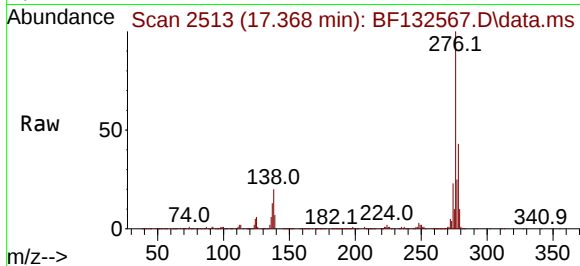




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.981 ng
 RT: 17.368 min Scan# 211
 Delta R.T. 0.009 min
 Lab File: BF132567.D
 Acq: 28 Feb 2023 12:27

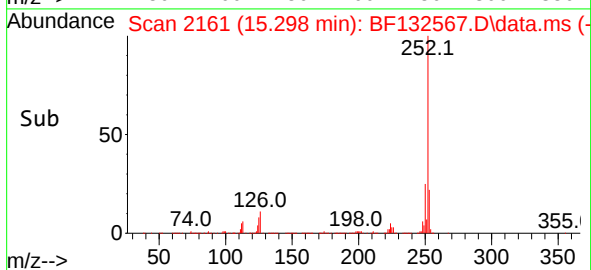
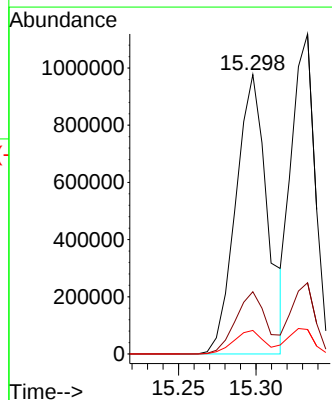
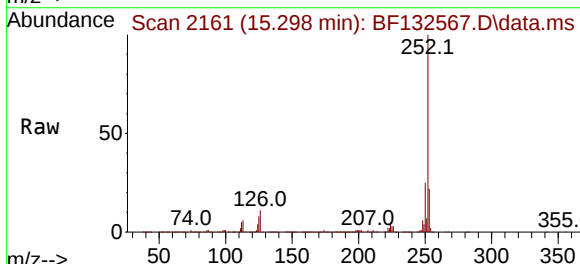
Instrument :
 BNA_F
 ClientSampleId :
 PB151085BS

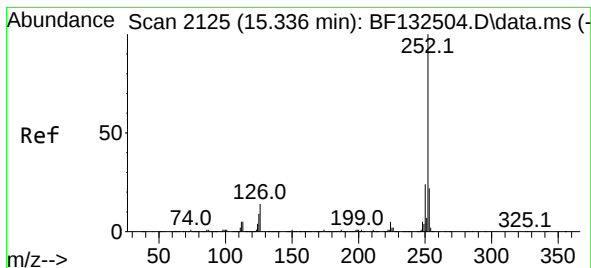
Tgt Ion:276 Resp: 1411532
 Ion Ratio Lower Upper
 276 100
 138 21.1 19.0 28.4
 277 25.1 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 45.004 ng
 RT: 15.298 min Scan# 2161
 Delta R.T. 0.003 min
 Lab File: BF132567.D
 Acq: 28 Feb 2023 12:27

Tgt Ion:252 Resp: 1382896
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.0
 125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 39.459 ng

RT: 15.333 min Scan# 2125

Delta R.T. 0.009 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB151085BS

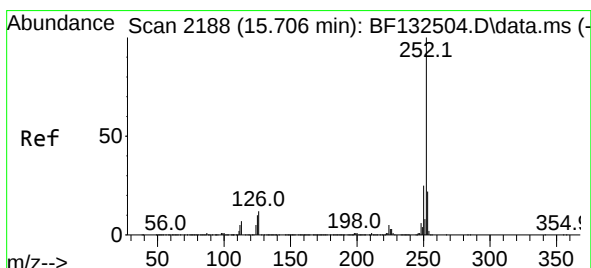
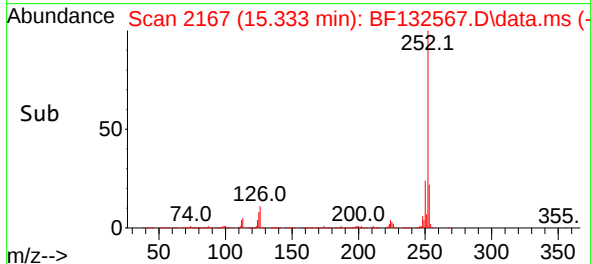
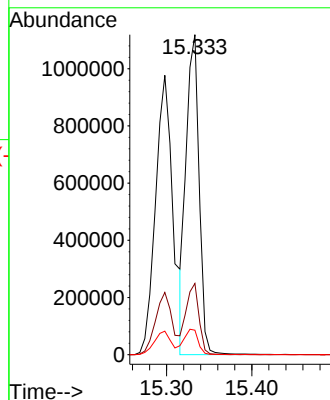
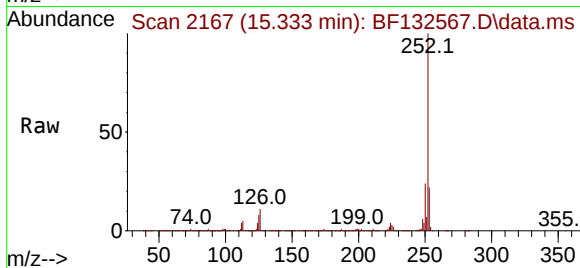
Tgt Ion:252 Resp: 1186662

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 7.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 39.818 ng

RT: 15.698 min Scan# 2229

Delta R.T. 0.009 min

Lab File: BF132567.D

Acq: 28 Feb 2023 12:27

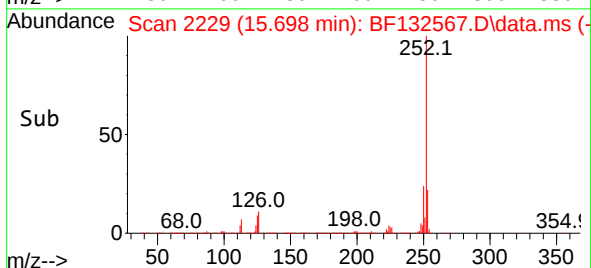
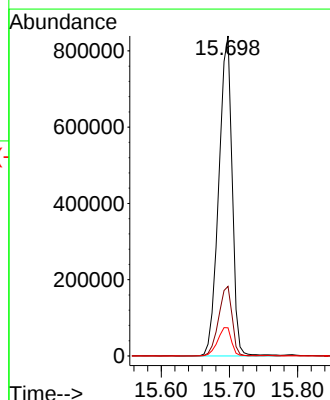
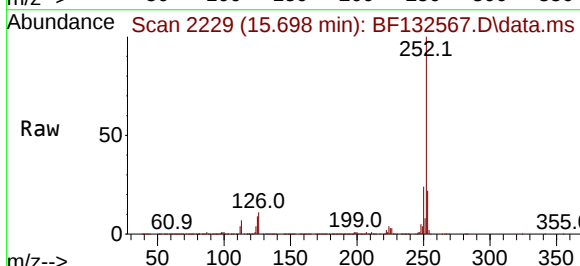
Tgt Ion:252 Resp: 1145141

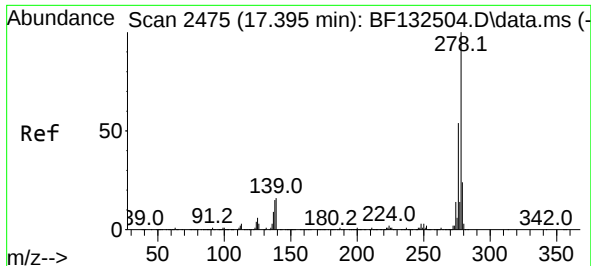
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 8.8 8.0 12.0

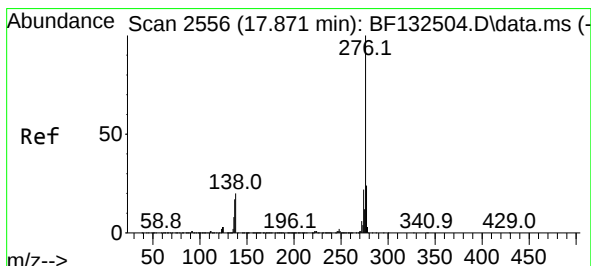
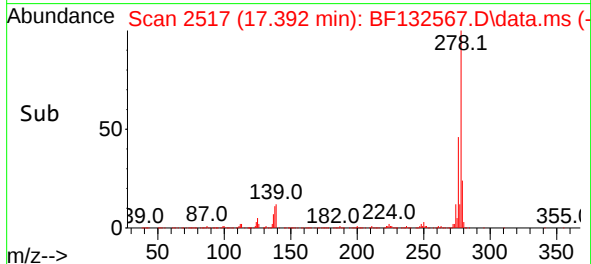
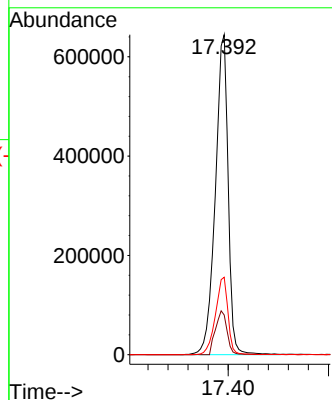
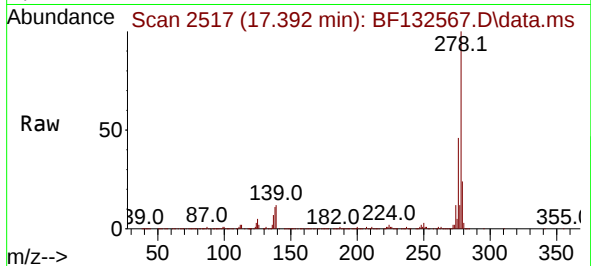




#91
 Dibenzo(a,h)anthracene
 Concen: 46.648 ng
 RT: 17.392 min Scan# 215
 Delta R.T. 0.015 min
 Lab File: BF132567.D
 Acq: 28 Feb 2023 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB151085BS

Tgt Ion:278 Resp: 1141915
 Ion Ratio Lower Upper
 278 100
 139 12.4 13.0 19.4#
 279 24.2 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 42.968 ng
 RT: 17.862 min Scan# 2597
 Delta R.T. 0.009 min
 Lab File: BF132567.D
 Acq: 28 Feb 2023 12:27

Tgt Ion:276 Resp: 1183840
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.9 28.3
 138 18.9 16.2 24.4

