

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129715.D
 Acq On : 11 Aug 2022 14:24
 Operator : CG\JU
 Sample : PB146619BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS

Quant Time: Aug 11 23:57:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	173212	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	717920	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	385084	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	633950	20.000	ng	0.00
76) Chrysene-d12	14.021	240	386355	20.000	ng	0.00
86) Perylene-d12	15.486	264	327469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1204124	113.244	ng	0.01
7) Phenol-d6	6.498	99	1501946	112.378	ng	0.00
23) Nitrobenzene-d5	7.410	82	978726	74.420	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	446945	120.721	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1827272	73.405	ng	0.00
79) Terphenyl-d14	12.957	244	1915340	93.526	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	135284	28.199	ng	88
3) Pyridine	3.440	79	360332	27.046	ng	89
4) n-Nitrosodimethylamine	3.387	42	213055	36.418	ng	# 88
6) Aniline	6.504	93	547174	32.932	ng	# 42
8) 2-Chlorophenol	6.634	128	496899	42.774	ng	95
9) Benzaldehyde	6.392	77	241310	26.587	ng	98
10) Phenol	6.510	94	586037	41.176	ng	85
11) bis(2-Chloroethyl)ether	6.575	93	463085	41.027	ng	90
12) 1,3-Dichlorobenzene	6.775	146	501252	40.232	ng	99
13) 1,4-Dichlorobenzene	6.851	146	509030	40.173	ng	99
14) 1,2-Dichlorobenzene	7.004	146	479729	41.190	ng	97
15) Benzyl Alcohol	6.992	79	400803	41.349	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	612733	36.114	ng	# 1
17) 2-Methylphenol	7.110	107	394887	40.975	ng	# 88
18) Hexachloroethane	7.345	117	194405	40.746	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	345001	42.640	ng	91
20) 3+4-Methylphenols	7.263	107	515877	42.101	ng	# 81
22) Acetophenone	7.251	105	687174	41.112	ng	98
24) Nitrobenzene	7.428	77	504497	37.252	ng	94
25) Isophorone	7.663	82	947093	40.175	ng	99
26) 2-Nitrophenol	7.739	139	273378	40.918	ng	95
27) 2,4-Dimethylphenol	7.787	122	427470	42.655	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	593415	43.393	ng	100
29) 2,4-Dichlorophenol	7.992	162	417302	40.343	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	413392	38.611	ng	97
31) Naphthalene	8.145	128	1410675	38.675	ng	99
32) Benzoic acid	7.928	122	177672	24.523	ng	98
33) 4-Chloroaniline	8.198	127	459185	30.664	ng	96
34) Hexachlorobutadiene	8.251	225	253158	41.597	ng	99
35) Caprolactam	8.581	113	76149	22.644	ng	# 76
36) 4-Chloro-3-methylphenol	8.698	107	455666	41.534	ng	95
37) 2-Methylnaphthalene	8.834	142	937298	39.543	ng	100
38) 1-Methylnaphthalene	8.934	142	884141	38.639	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	420274	41.564	ng	98
41) Hexachlorocyclopentadiene	8.981	237	344111	76.426	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	264281	35.986	ng	95

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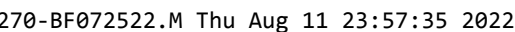
Instrument :
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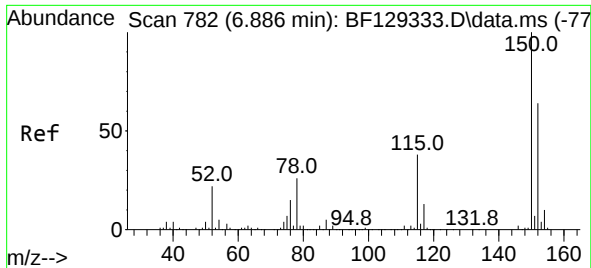
Quant Time: Aug 11 23:57:17 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	287893	36.047	ng	96
46) 1,1'-Biphenyl	9.298	154	1147050	40.815	ng	99
47) 2-Chloronaphthalene	9.328	162	882994	38.866	ng	99
48) 2-Nitroaniline	9.433	65	284965	37.721	ng	# 82
49) Acenaphthylene	9.745	152	1344419	38.945	ng	100
50) Dimethylphthalate	9.604	163	1071205	40.296	ng	100
51) 2,6-Dinitrotoluene	9.669	165	240147	40.361	ng	92
52) Acenaphthene	9.916	154	807506	35.814	ng	99
53) 3-Nitroaniline	9.845	138	191406	27.243	ng	# 90
54) 2,4-Dinitrophenol	9.957	184	202915	66.805	ng	93
55) Dibenzofuran	10.086	168	1205548	38.786	ng	96
56) 4-Nitrophenol	10.033	139	246262	47.510	ng	98
57) 2,4-Dinitrotoluene	10.080	165	299255	38.501	ng	92
58) Fluorene	10.428	166	994736	39.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	230465	37.341	ng	99
60) Diethylphthalate	10.298	149	1074560	41.815	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	461958	42.135	ng	# 89
62) 4-Nitroaniline	10.469	138	218313	31.323	ng	94
63) Azobenzene	10.580	77	1006997	38.419	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	144856	36.202	ng	94
66) n-Nitrosodiphenylamine	10.539	169	862723	40.864	ng	97
67) 4-Bromophenyl-phenylether	10.910	248	300152	43.237	ng	97
68) Hexachlorobenzene	10.980	284	326002	43.341	ng	94
69) Atrazine	11.069	200	292408	45.599	ng	96
70) Pentachlorophenol	11.186	266	282334	69.046	ng	100
71) Phenanthrene	11.398	178	1376434	39.775	ng	99
72) Anthracene	11.445	178	1390858	40.899	ng	99
73) Carbazole	11.604	167	1248079	38.987	ng	99
74) Di-n-butylphthalate	11.922	149	1664113	43.651	ng	99
75) Fluoranthene	12.586	202	1370986	39.100	ng	99
77) Benzidine	12.710	184	571425	41.866	ng	99
78) Pyrene	12.816	202	1368926	42.371	ng	98
80) Butylbenzylphthalate	13.421	149	635325	45.336	ng	98
81) Benzo(a)anthracene	14.010	228	1054038	39.938	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	285483	32.762	ng	98
83) Chrysene	14.045	228	948928	38.151	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	877942	47.587	ng	99
85) Di-n-octyl phthalate	14.586	149	1259519	47.441	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	934645	42.384	ng	99
88) Benzo(b)fluoranthene	15.063	252	931956	42.904	ng	99
89) Benzo(k)fluoranthene	15.092	252	843859	39.642	ng	99
90) Benzo(a)pyrene	15.427	252	772507	43.809	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	814302	45.369	ng	99
92) Benzo(g,h,i)perylene	17.433	276	813662	44.365	ng	99

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

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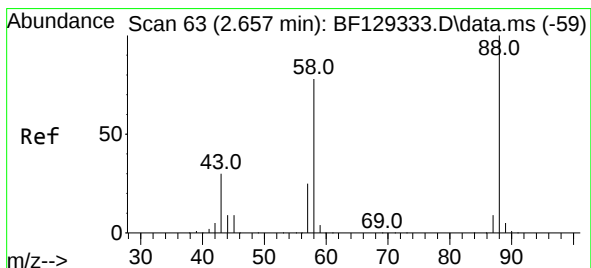
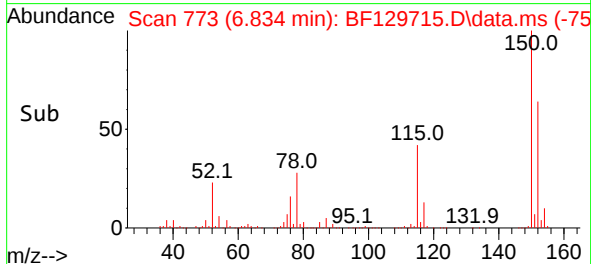
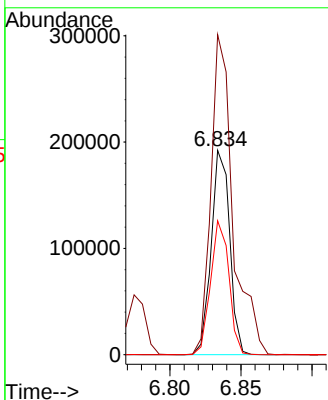
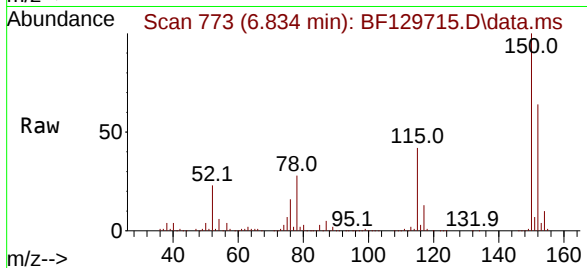




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

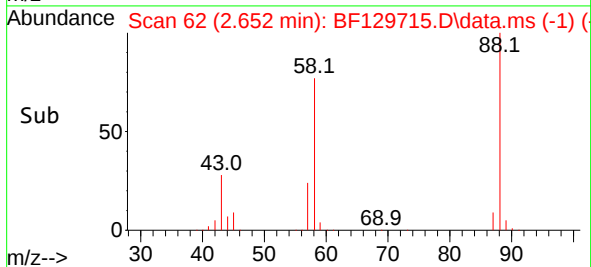
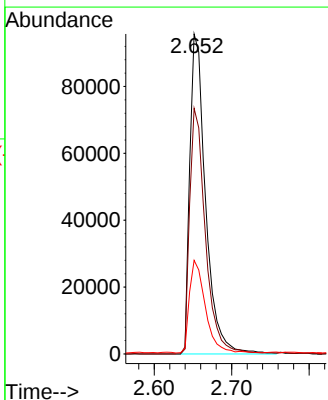
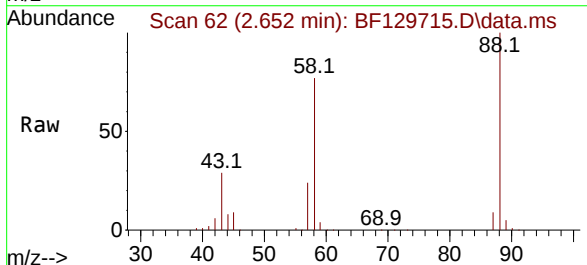
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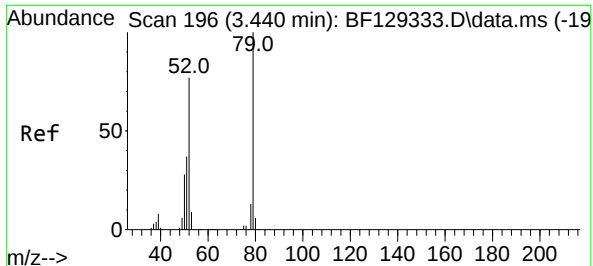
Tgt Ion:152 Resp: 173212
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.7 185.5
 115 65.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 28.199 ng
 RT: 2.652 min Scan# 62
 Delta R.T. 0.094 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

Tgt Ion: 88 Resp: 135284
 Ion Ratio Lower Upper
 88 100
 58 76.9 71.8 107.8
 43 29.5 26.6 39.8

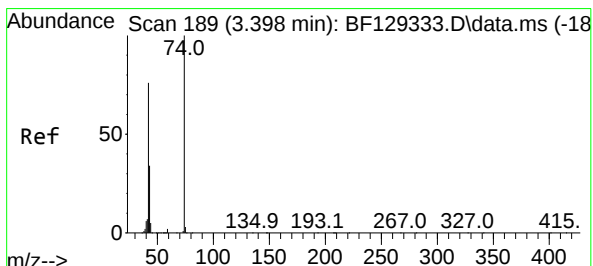
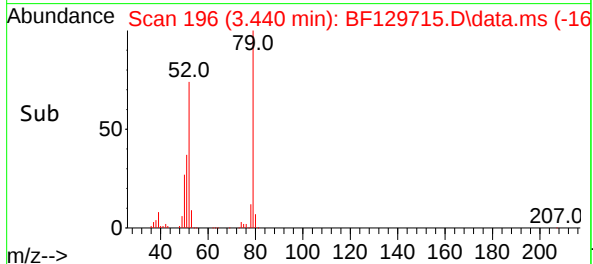
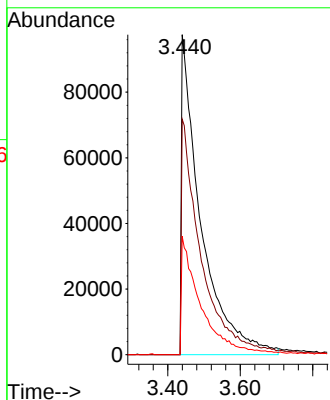
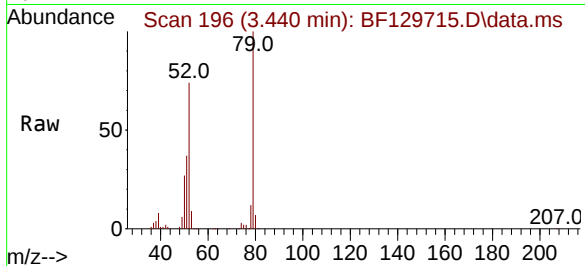




#3
 Pyridine
 Concen: 27.046 ng
 RT: 3.440 min Scan# 196
 Delta R.T. 0.106 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

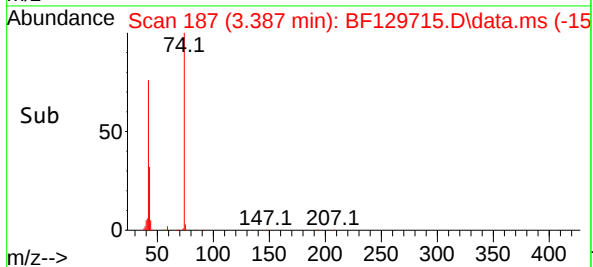
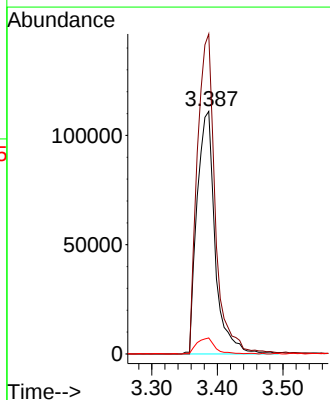
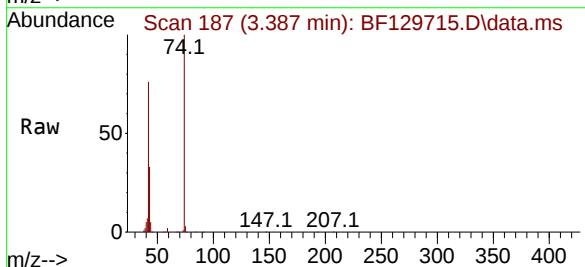
Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS

Tgt Ion: 79 Resp: 360332
 Ion Ratio Lower Upper
 79 100
 52 73.6 68.6 102.8
 51 37.0 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 36.418 ng
 RT: 3.387 min Scan# 187
 Delta R.T. 0.094 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

Tgt Ion: 42 Resp: 213055
 Ion Ratio Lower Upper
 42 100
 74 131.9 94.8 142.2
 44 6.6 6.6 10.0#

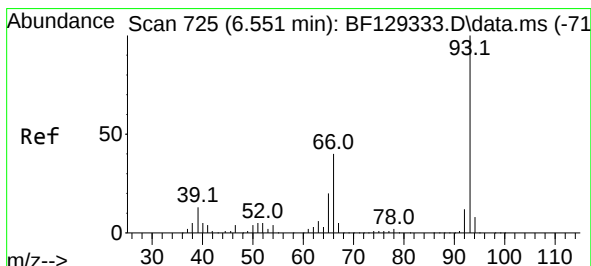
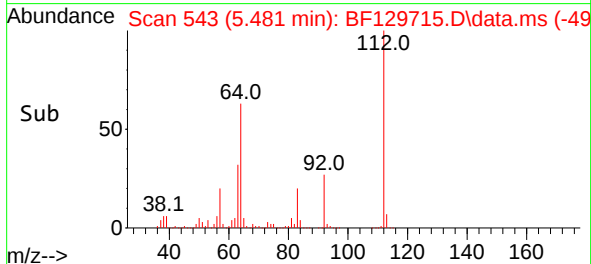
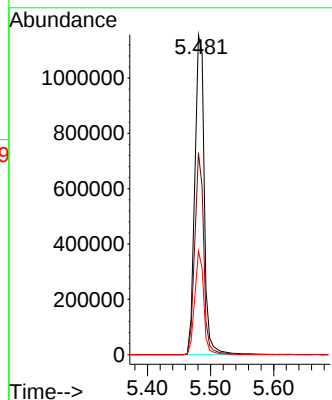
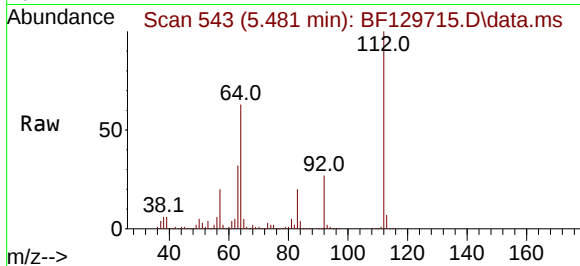




#5
2-Fluorophenol
Concen: 113.244 ng
RT: 5.481 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

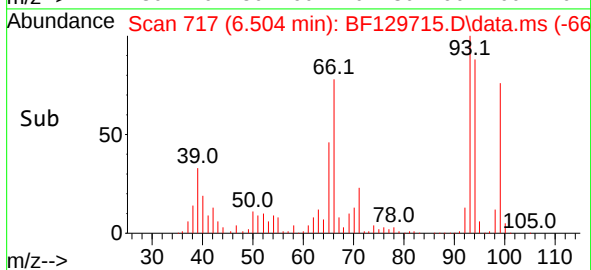
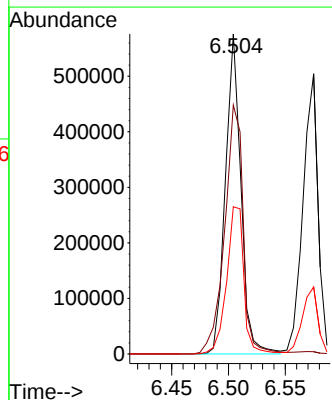
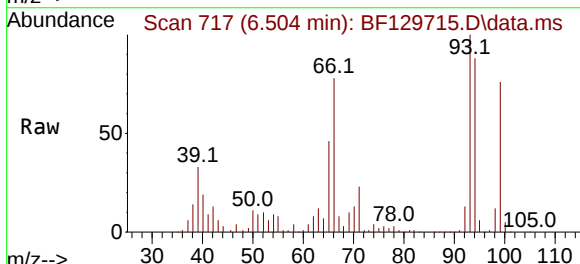
Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion:112 Resp: 1204124
Ion Ratio Lower Upper
112 100
64 63.1 53.3 79.9
63 32.3 28.0 42.0



#6
Aniline
Concen: 32.932 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 93 Resp: 547174
Ion Ratio Lower Upper
93 100
66 77.8 32.5 48.7#
65 46.0 16.4 24.6#



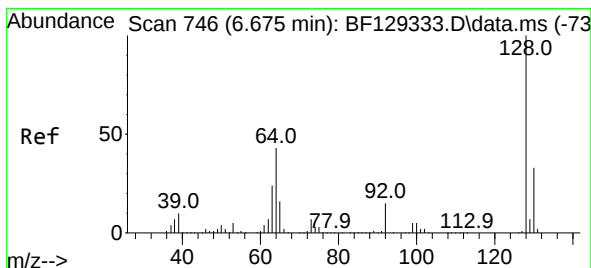
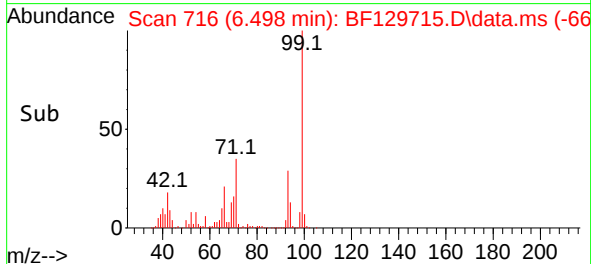
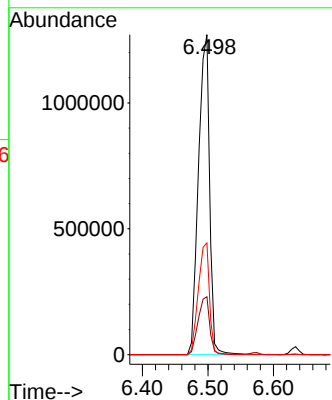
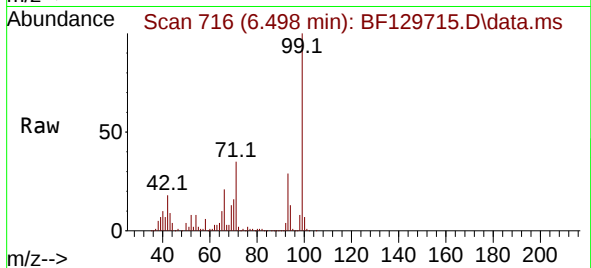


#7
Phenol-d6
Concen: 112.378 ng
RT: 6.498 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129715.D
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ClientSampleId :
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Tgt Ion: 99 Resp: 1501946

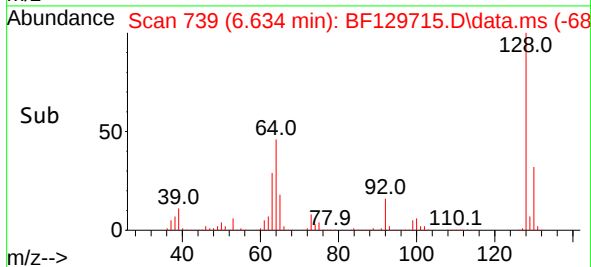
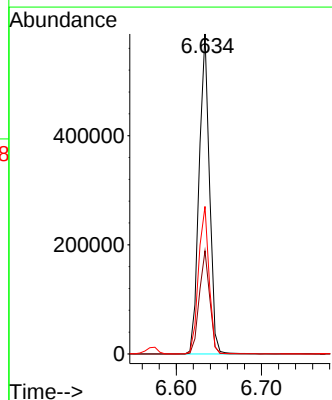
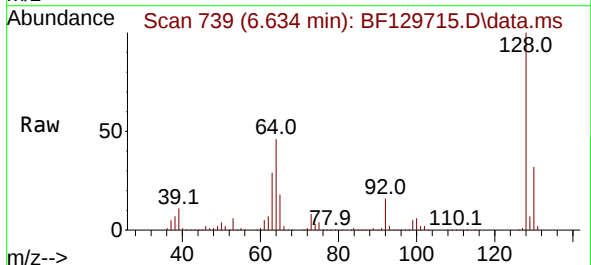
Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.3	25.9
71	34.9	28.9	43.3

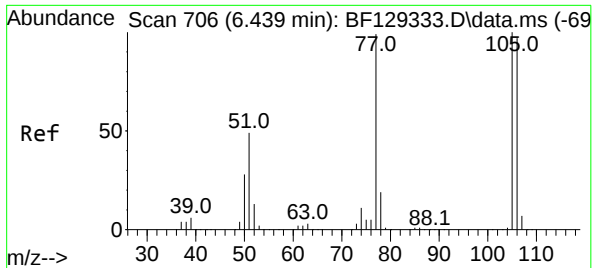


#8
2-Chlorophenol
Concen: 42.774 ng
RT: 6.634 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 128 Resp: 496899

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.1	53.1
64	46.1	30.9	70.9

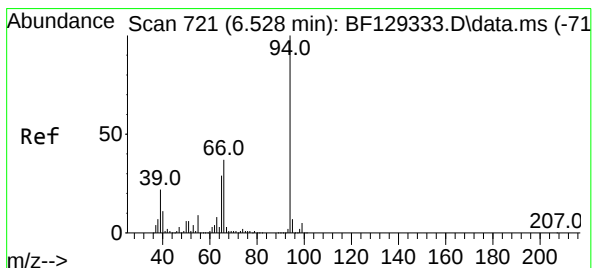
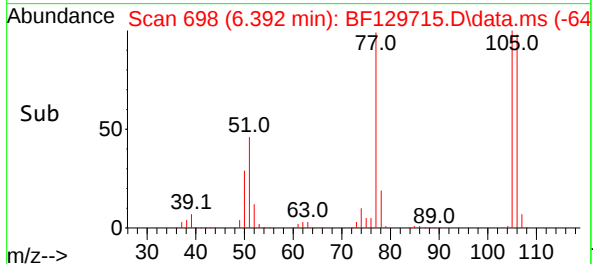
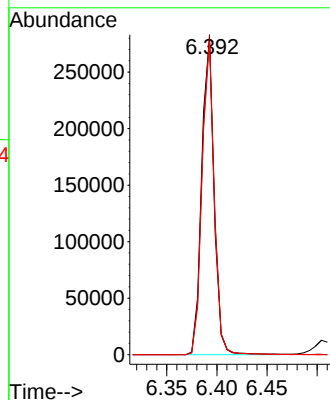
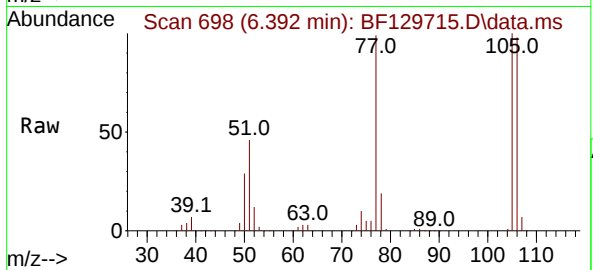




#9
Benzaldehyde
Concen: 26.587 ng
RT: 6.392 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

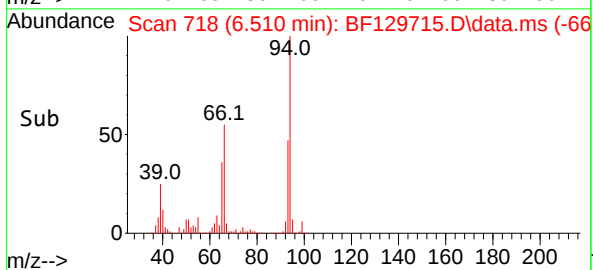
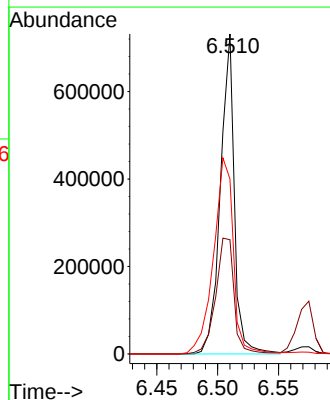
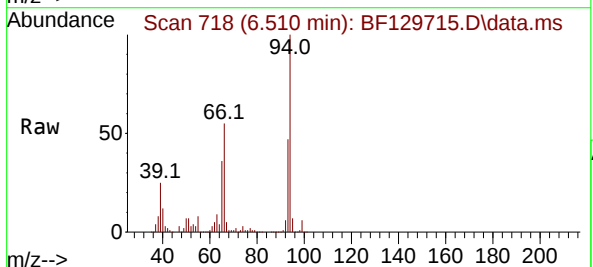
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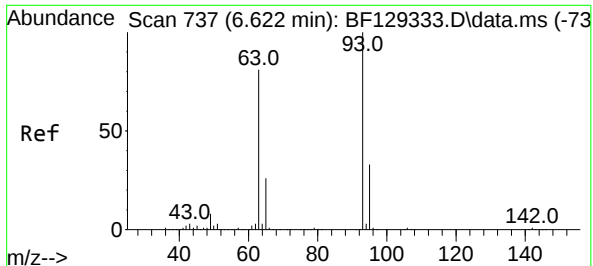
Tgt Ion: 77 Resp: 241310
Ion Ratio Lower Upper
77 100
105 101.0 81.6 121.6
106 98.8 76.1 116.1



#10
Phenol
Concen: 41.176 ng
RT: 6.510 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 94 Resp: 586037
Ion Ratio Lower Upper
94 100
65 35.7 11.4 51.4
66 54.7 21.4 61.4

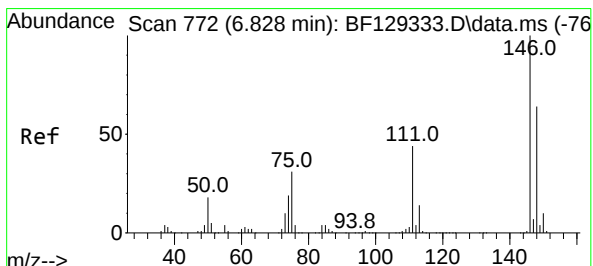
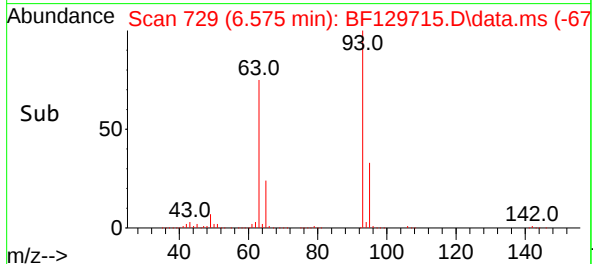
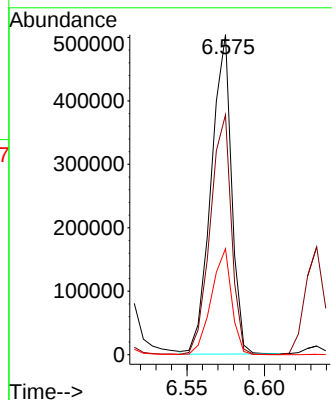
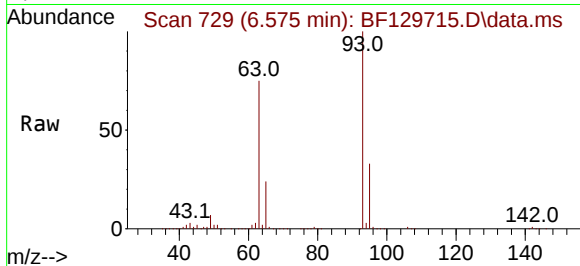




#11
bis(2-Chloroethyl)ether
Concen: 41.027 ng
RT: 6.575 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

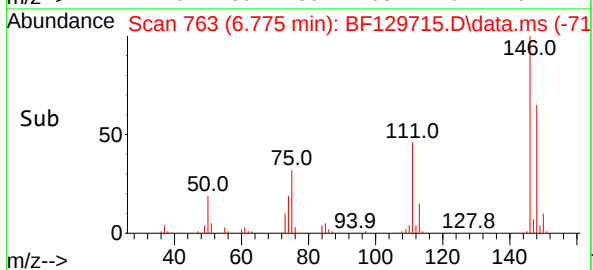
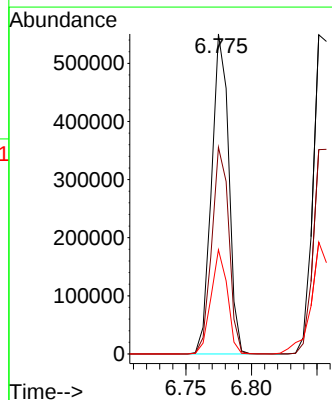
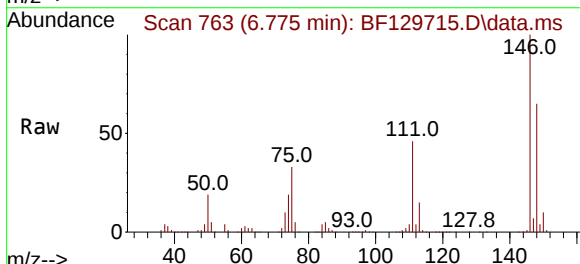
Instrument :
BNA_F
ClientSampleId :
PB146619BS

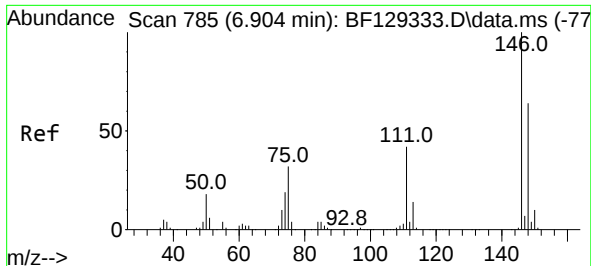
Tgt Ion: 93 Resp: 463085
Ion Ratio Lower Upper
93 100
63 74.9 67.4 107.4
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.232 ng
RT: 6.775 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:146 Resp: 501252
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 32.5 26.3 39.5

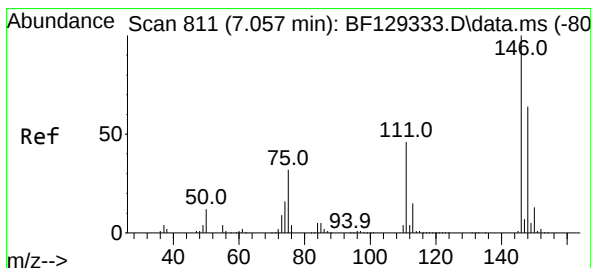
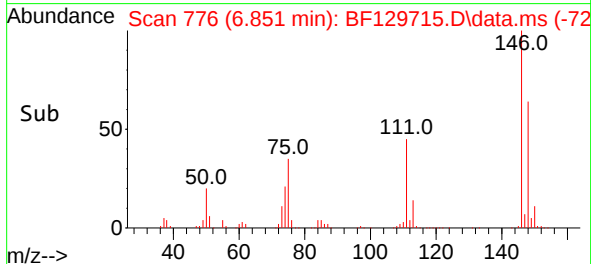
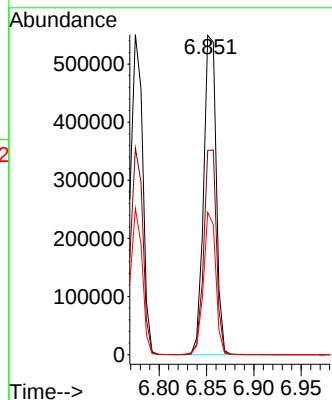
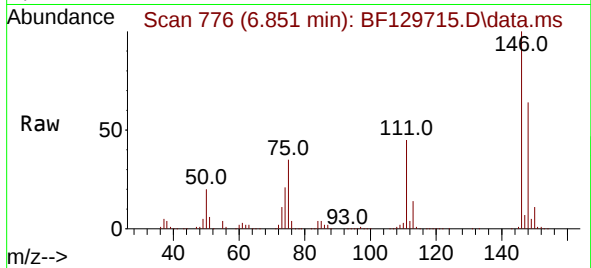




#13
1,4-Dichlorobenzene
Concen: 40.173 ng
RT: 6.851 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

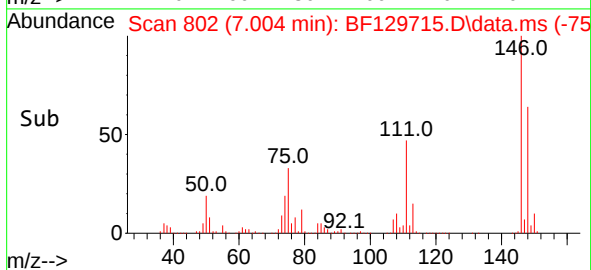
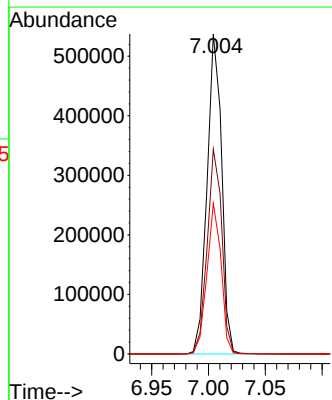
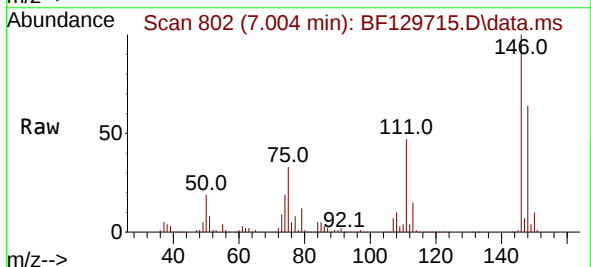
Instrument :
BNA_F
ClientSampleId :
PB146619BS

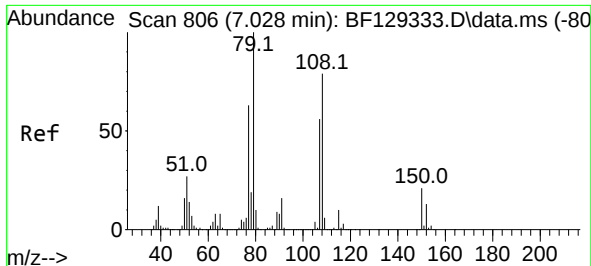
Tgt Ion:146 Resp: 509030
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 44.6 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 41.190 ng
RT: 7.004 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:146 Resp: 479729
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 47.1 35.1 52.7





#15

Benzyl Alcohol

Concen: 41.349 ng

RT: 6.992 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

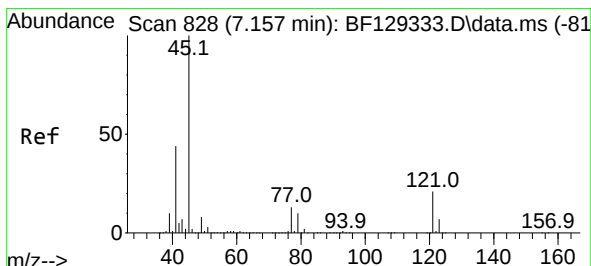
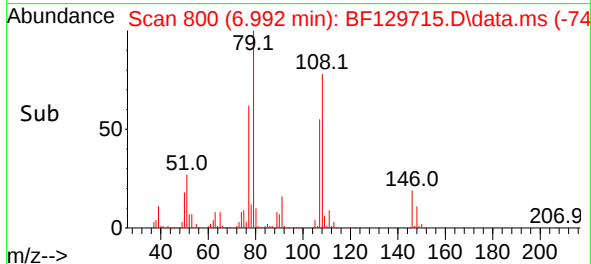
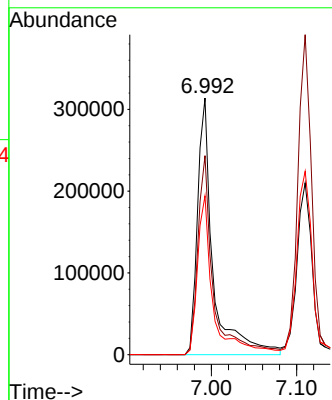
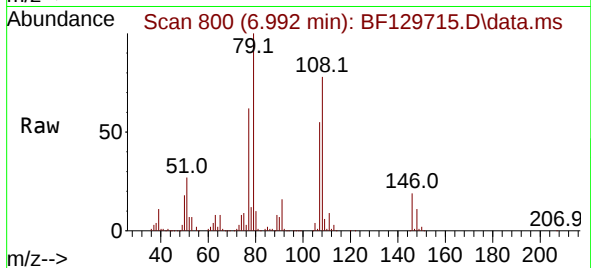
Tgt Ion: 79 Resp: 400803

Ion Ratio Lower Upper

79 100

108 77.5 61.8 92.6

77 61.9 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.114 ng

RT: 7.110 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

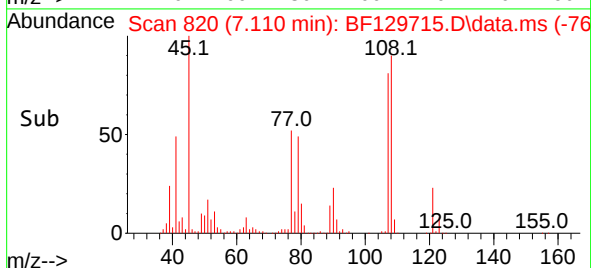
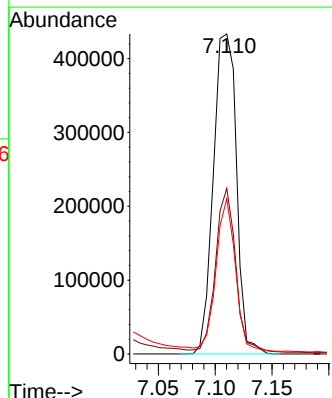
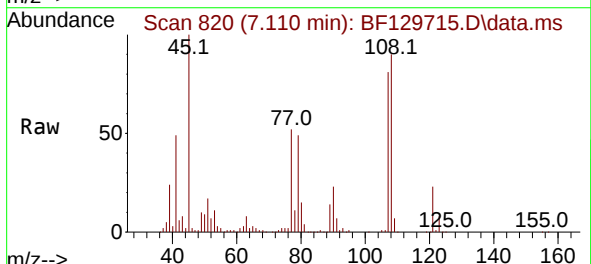
Tgt Ion: 45 Resp: 612733

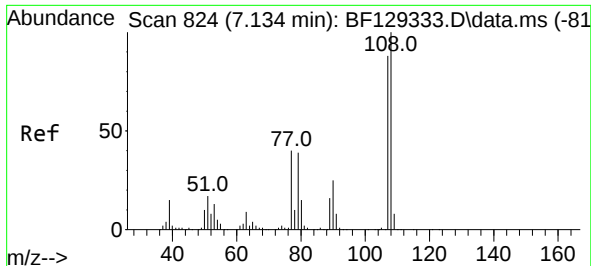
Ion Ratio Lower Upper

45 100

77 51.8 0.0 31.3#

79 48.5 0.0 28.3#

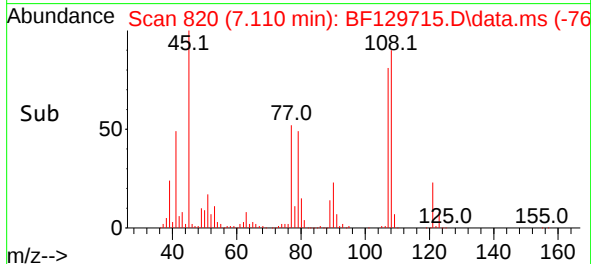
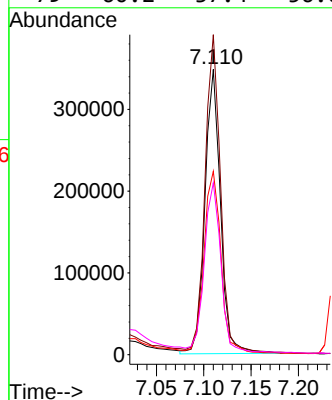
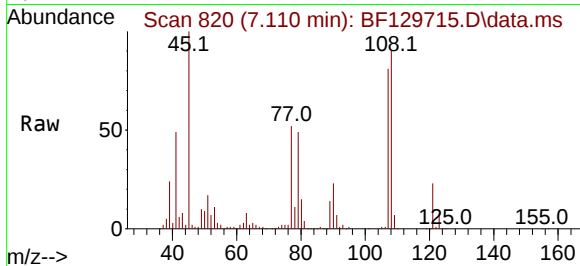




#17
2-Methylphenol
Concen: 40.975 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

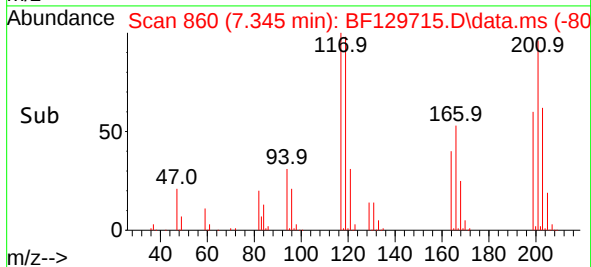
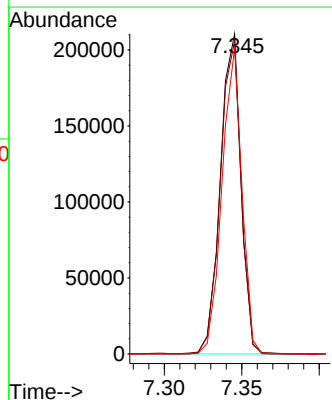
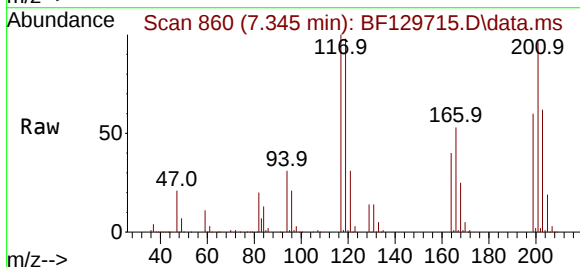
Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion:107 Resp: 394887
Ion Ratio Lower Upper
107 100
108 112.1 91.9 137.9
77 64.3 37.8 56.8#
79 60.2 37.4 56.0#



#18
Hexachloroethane
Concen: 40.746 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:117 Resp: 194405
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.2
201 95.7 84.6 127.0



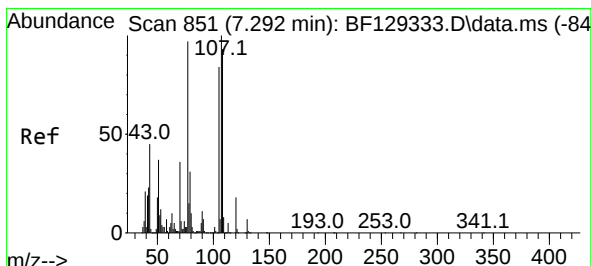
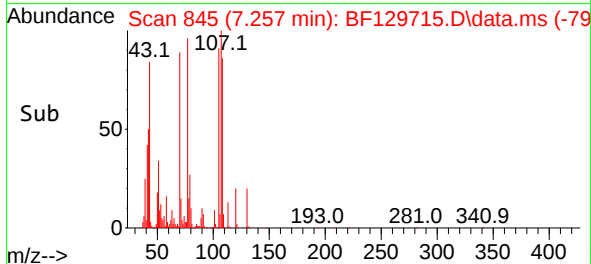
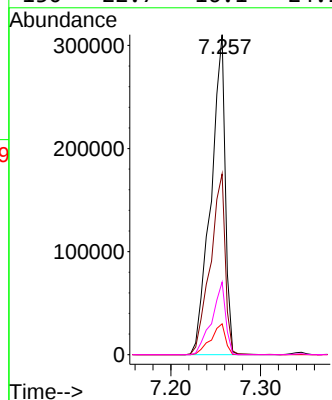
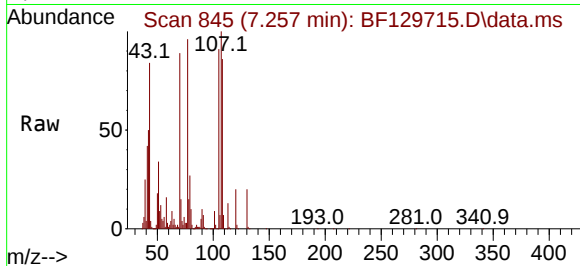


#19
n-Nitroso-di-n-propylamine
Concen: 42.640 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion: 70 Resp: 345001

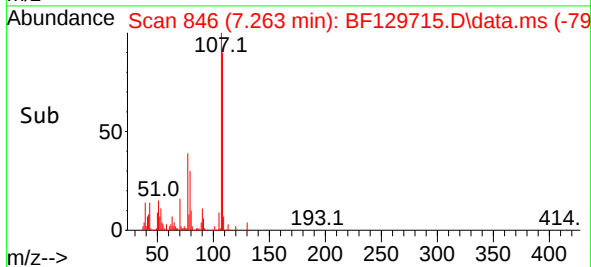
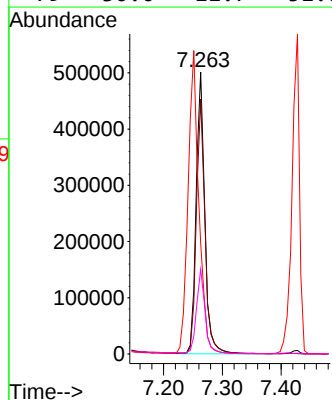
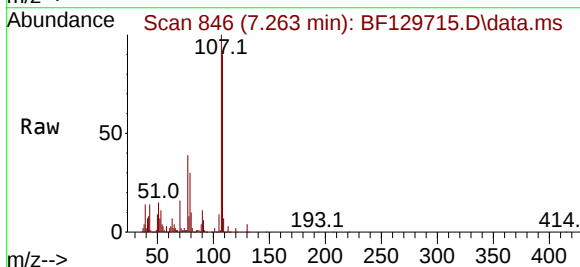
Ion	Ratio	Lower	Upper
70	100		
42	56.5	52.3	78.5
101	9.6	7.5	11.3
130	22.7	16.1	24.1

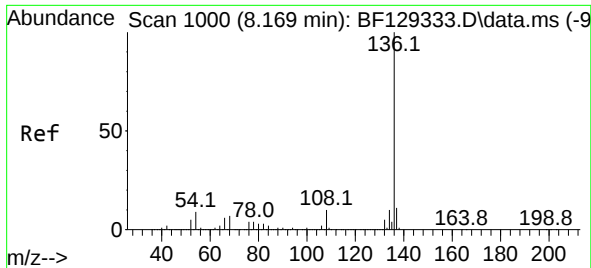


#20
3+4-Methylphenols
Concen: 42.101 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 107 Resp: 515877

Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.8	111.8
77	39.3	59.3	99.3#
79	30.0	11.7	51.7

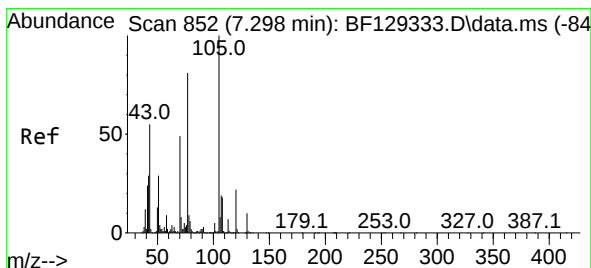
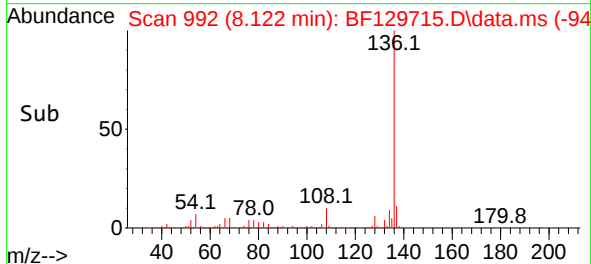
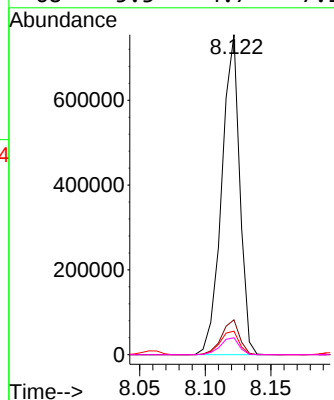
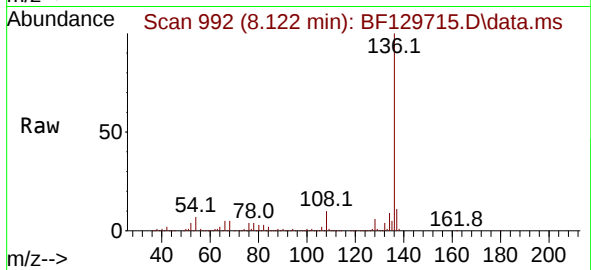




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

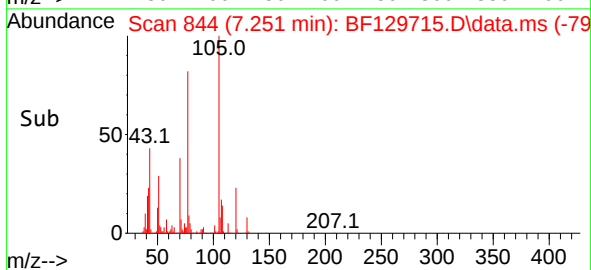
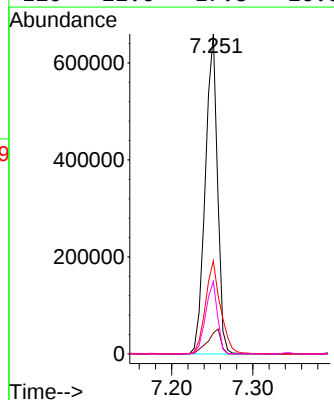
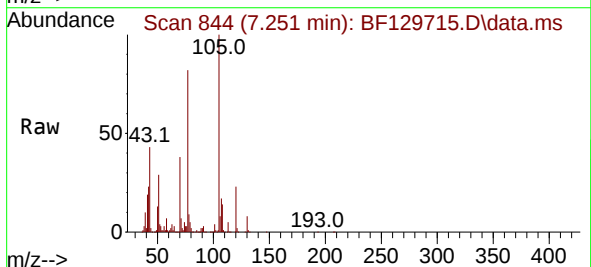
Instrument :
BNA_F
ClientSampleId :
PB146619BS

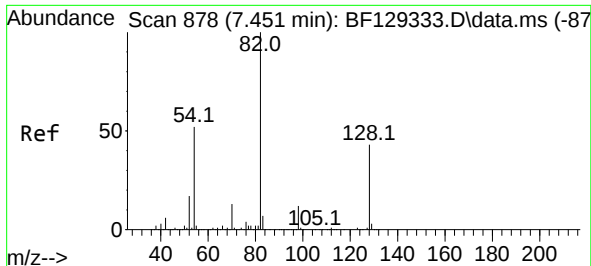
Tgt Ion:136 Resp: 717920
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 7.5 11.3#
68 5.3 4.7 7.1



#22
Acetophenone
Concen: 41.112 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:105 Resp: 687174
Ion Ratio Lower Upper
105 100
71 6.5 5.0 7.4
51 29.1 25.0 37.4
120 22.6 17.8 26.8

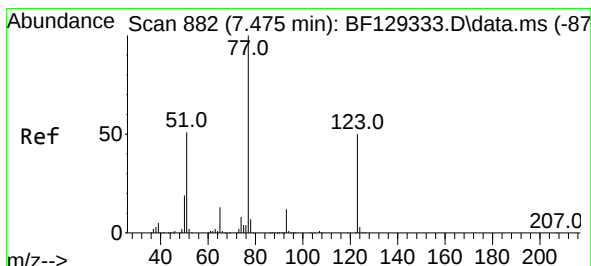
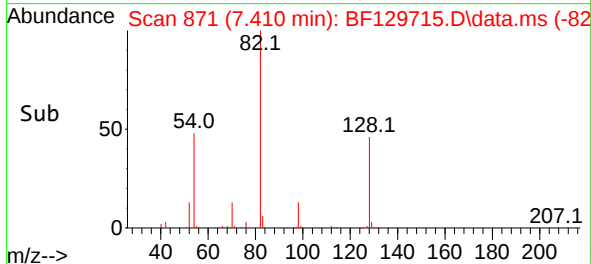
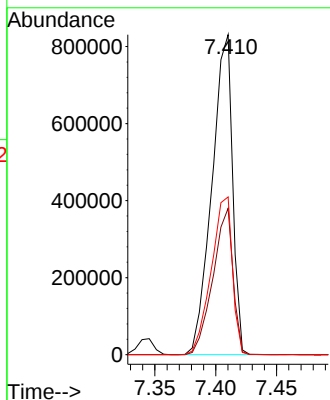
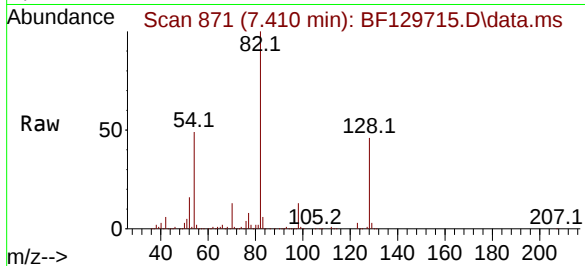




#23
Nitrobenzene-d5
Concen: 74.420 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

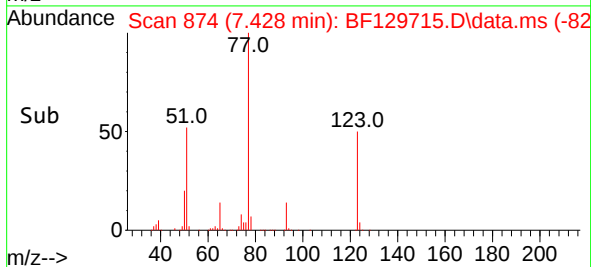
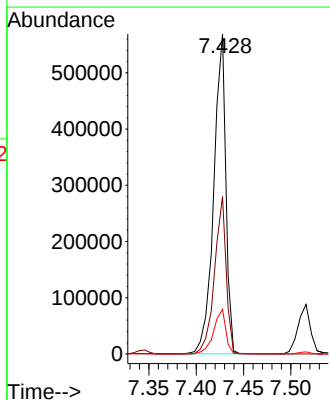
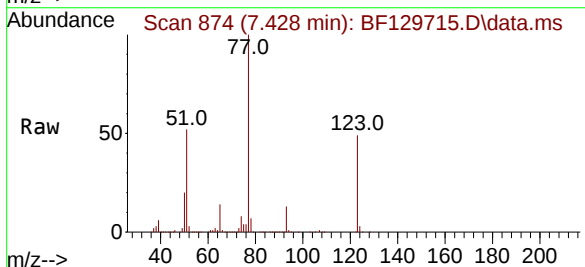
Instrument :
BNA_F
ClientSampleId :
PB146619BS

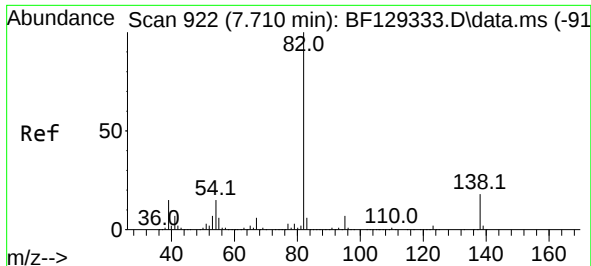
Tgt Ion: 82 Resp: 978726
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 49.3 46.9 70.3



#24
Nitrobenzene
Concen: 37.252 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 77 Resp: 504497
Ion Ratio Lower Upper
77 100
123 49.2 35.4 53.2
65 14.0 11.8 17.8

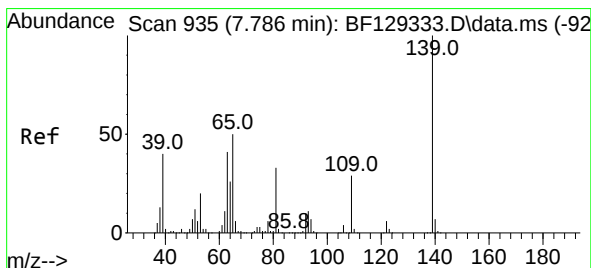
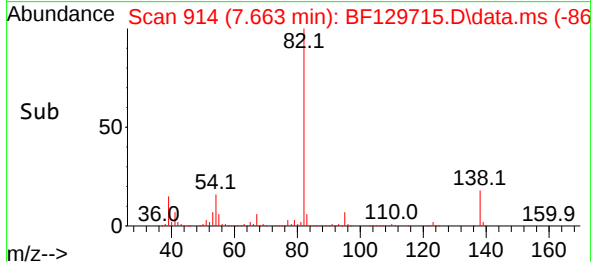
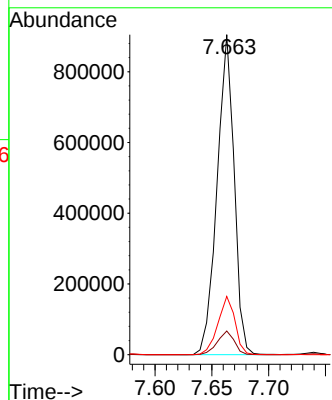
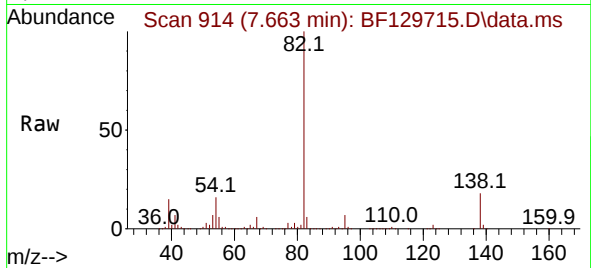




#25
Isophorone
Concen: 40.175 ng
RT: 7.663 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

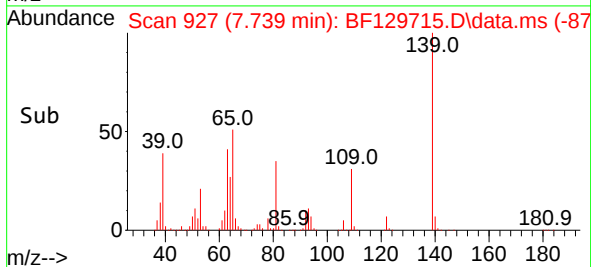
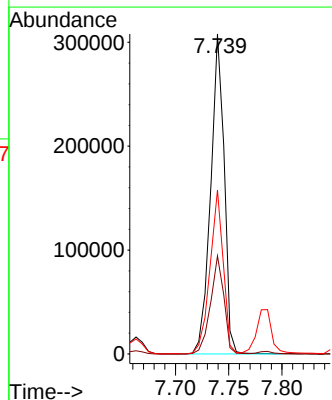
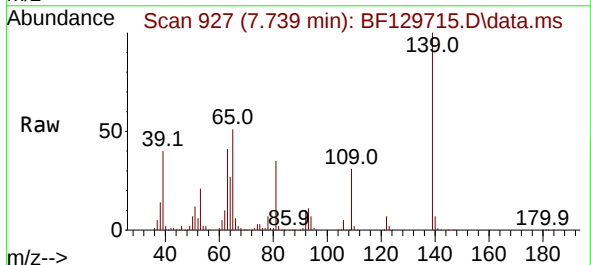
Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion: 82 Resp: 947093
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.2 14.2 21.2



#26
2-Nitrophenol
Concen: 40.918 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 139 Resp: 273378
Ion Ratio Lower Upper
139 100
109 30.7 25.0 37.4
65 51.2 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 42.655 ng

RT: 7.787 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

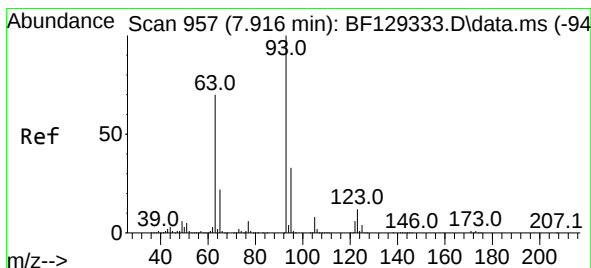
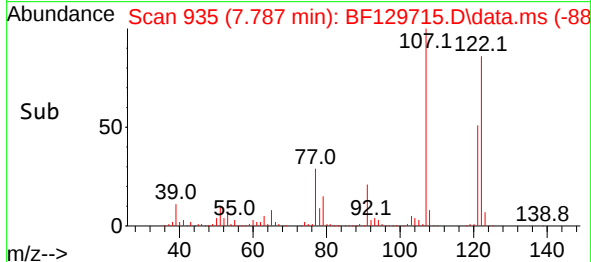
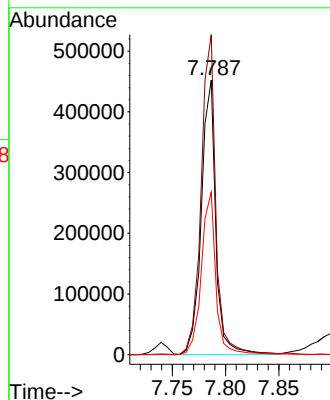
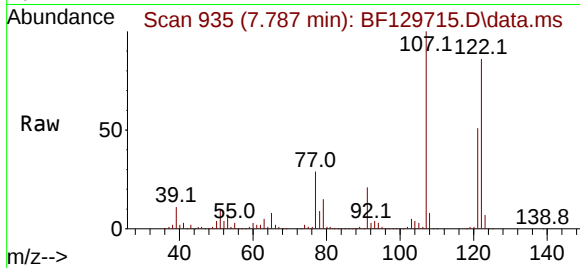
Tgt Ion:122 Resp: 427470

Ion Ratio Lower Upper

122 100

107 116.5 93.0 139.6

121 59.2 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.393 ng

RT: 7.869 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

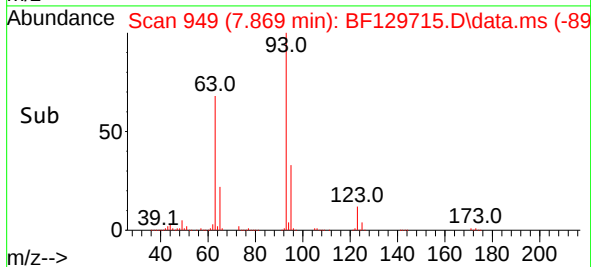
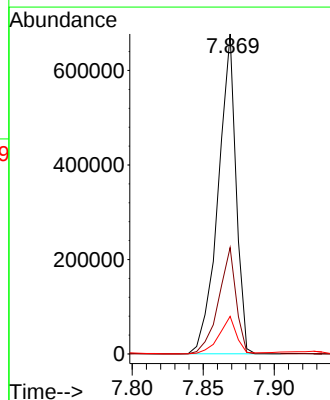
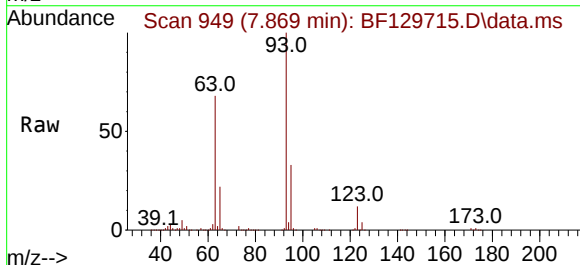
Tgt Ion: 93 Resp: 593415

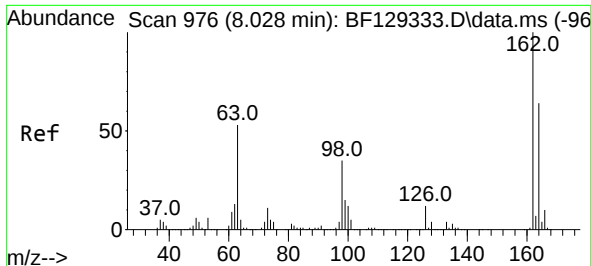
Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.343 ng

RT: 7.992 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

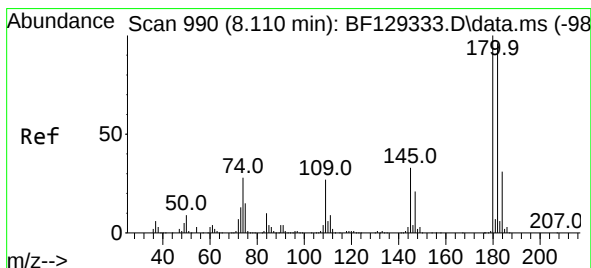
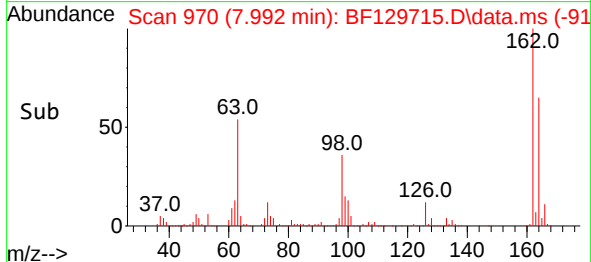
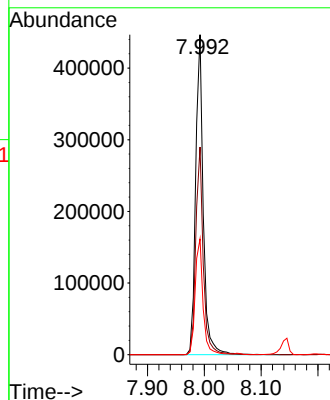
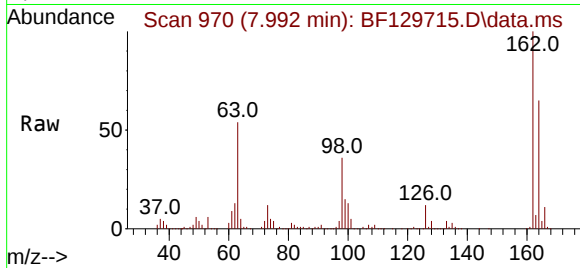
Tgt Ion:162 Resp: 417302

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

98 36.2 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 38.611 ng

RT: 8.063 min Scan# 982

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

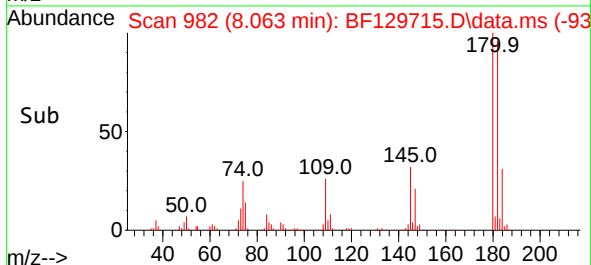
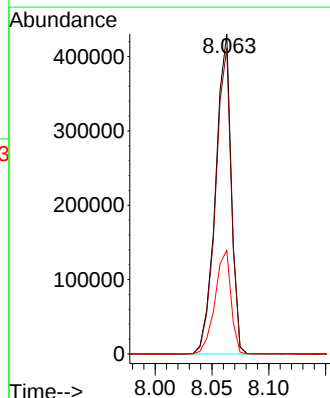
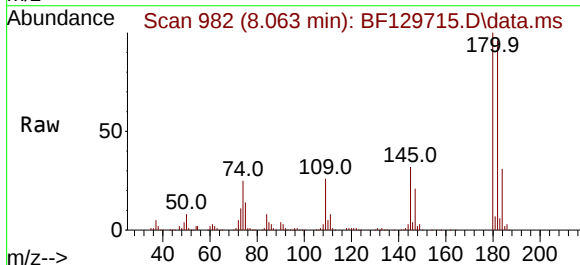
Tgt Ion:180 Resp: 413392

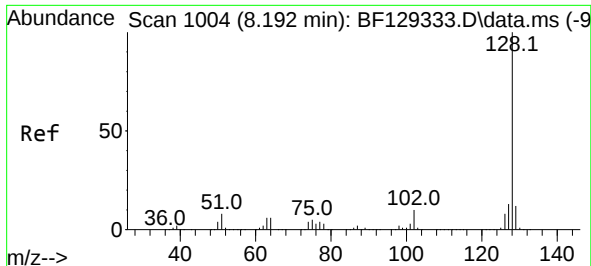
Ion Ratio Lower Upper

180 100

182 95.7 79.2 118.8

145 32.4 26.2 39.2





#31

Naphthalene

Concen: 38.675 ng

RT: 8.145 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

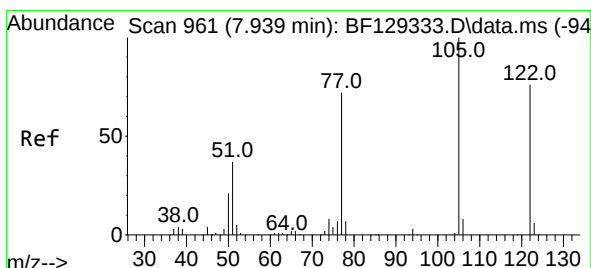
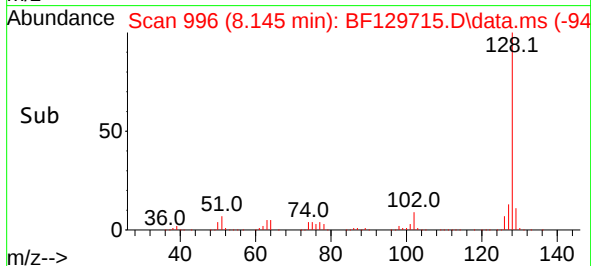
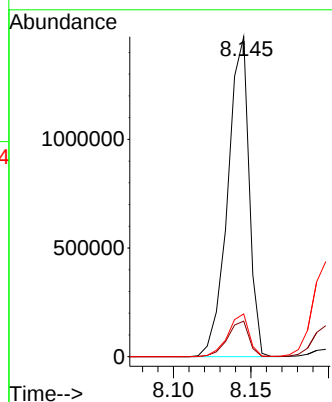
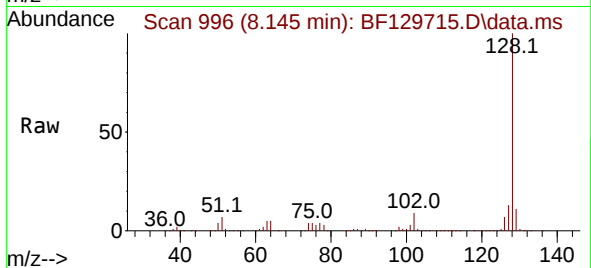
Tgt Ion:128 Resp: 1410675

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 24.523 ng

RT: 7.928 min Scan# 959

Delta R.T. 0.012 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

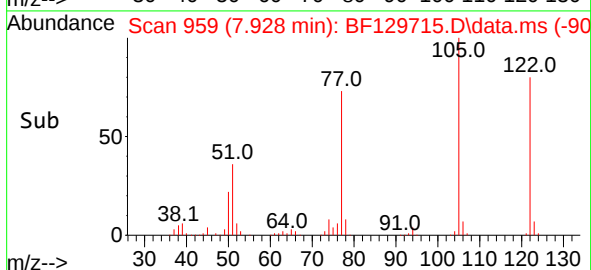
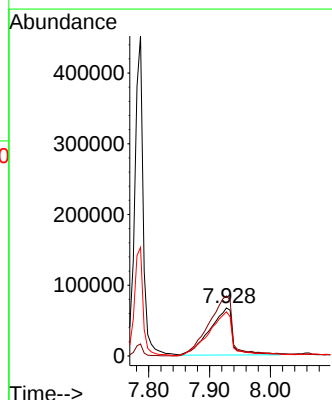
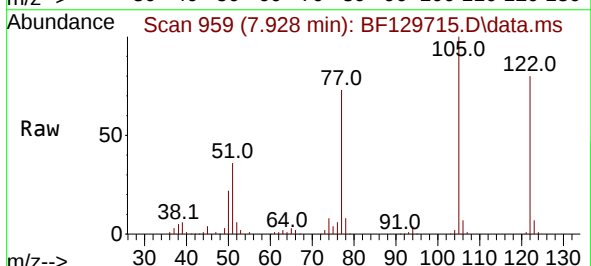
Tgt Ion:122 Resp: 177672

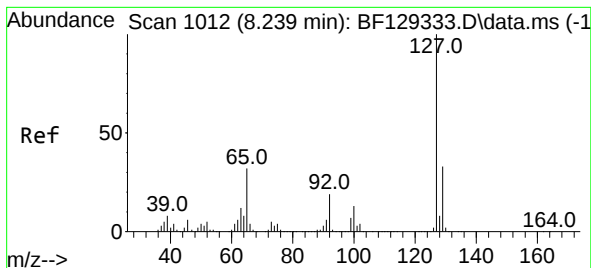
Ion Ratio Lower Upper

122 100

105 124.9 107.1 147.1

77 91.8 74.2 114.2





#33

4-Chloroaniline

Concen: 30.664 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

Tgt Ion:127 Resp: 459185

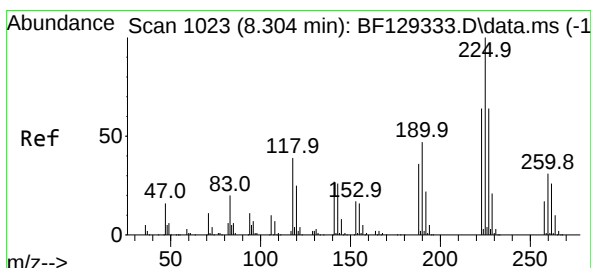
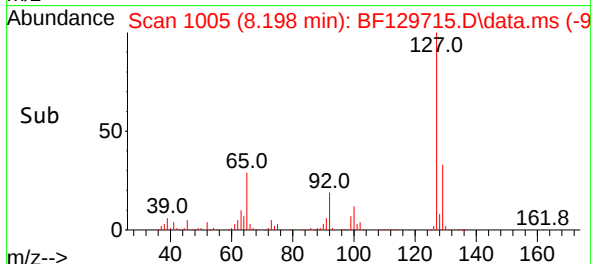
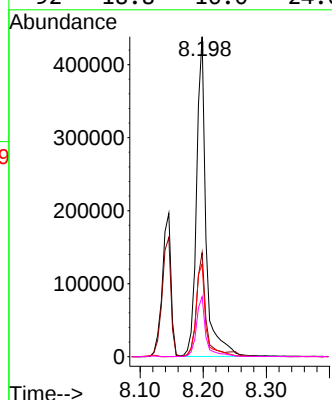
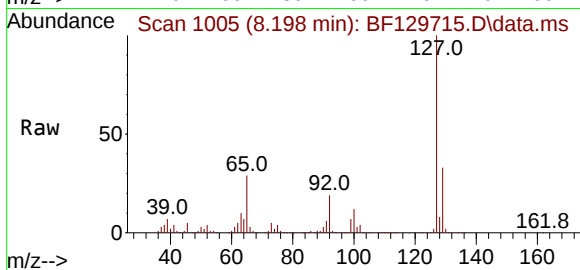
Ion Ratio Lower Upper

127 100

129 32.5 26.4 39.6

65 28.9 26.4 39.6

92 18.8 16.0 24.0



#34

Hexachlorobutadiene

Concen: 41.597 ng

RT: 8.251 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

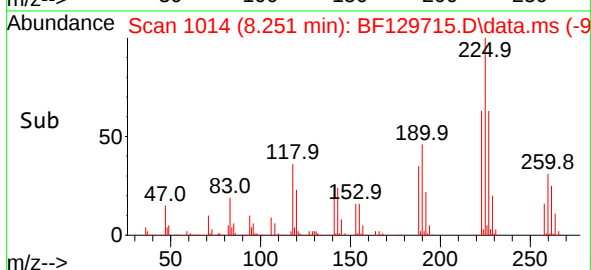
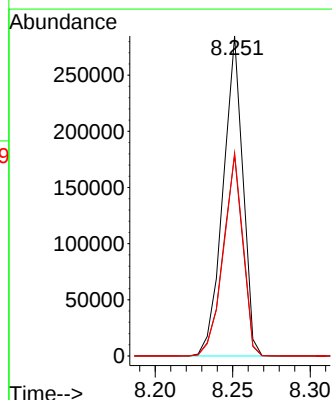
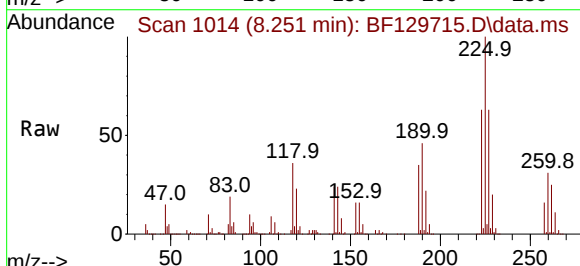
Tgt Ion:225 Resp: 253158

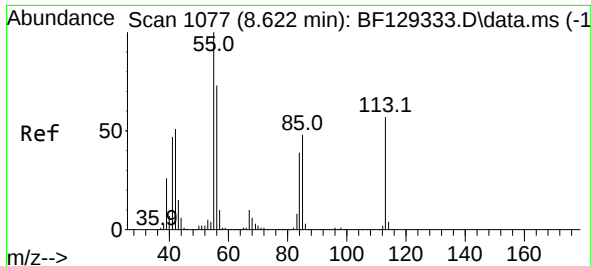
Ion Ratio Lower Upper

225 100

223 62.8 51.0 76.6

227 63.5 51.1 76.7

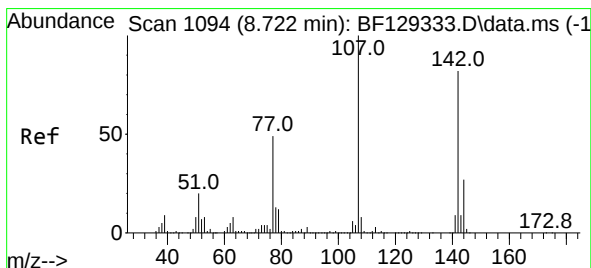
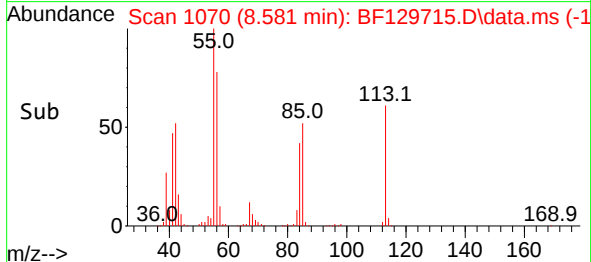
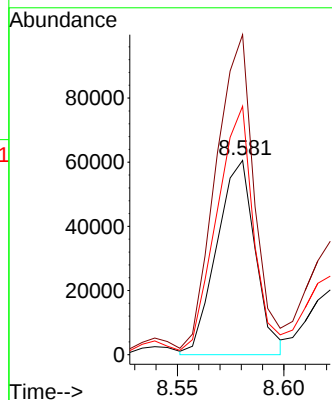
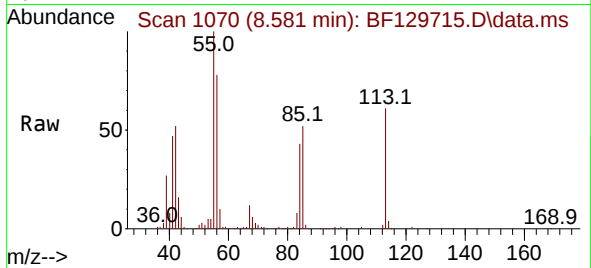




#35
 Caprolactam
 Concen: 22.644 ng
 RT: 8.581 min Scan# 1070
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

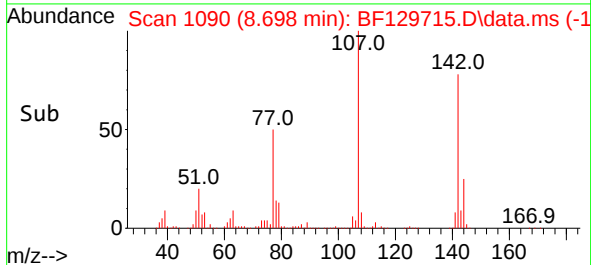
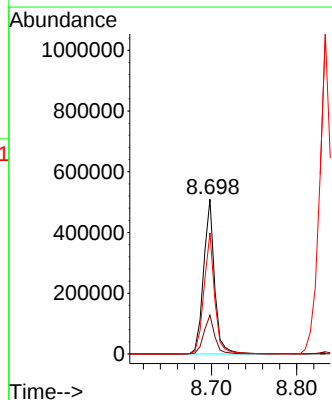
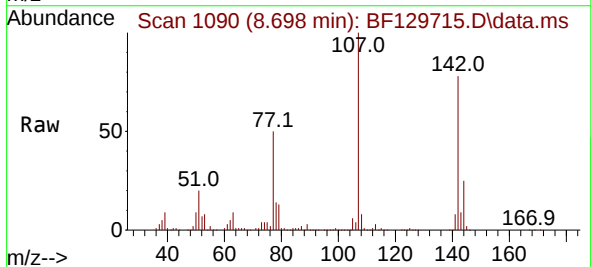
Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS

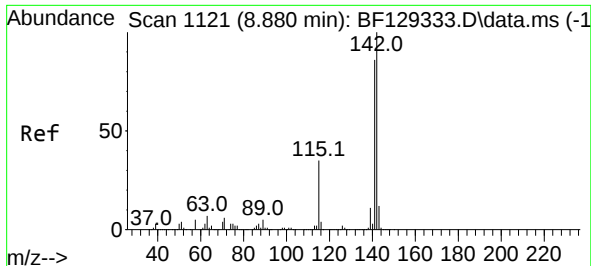
Tgt Ion:113 Resp: 76149
 Ion Ratio Lower Upper
 113 100
 55 164.7 188.5 228.5#
 56 127.9 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 41.534 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

Tgt Ion:107 Resp: 455666
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.5 29.3
 142 78.2 58.2 87.4





#37

2-Methylnaphthalene

Concen: 39.543 ng

RT: 8.834 min Scan# 1113

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

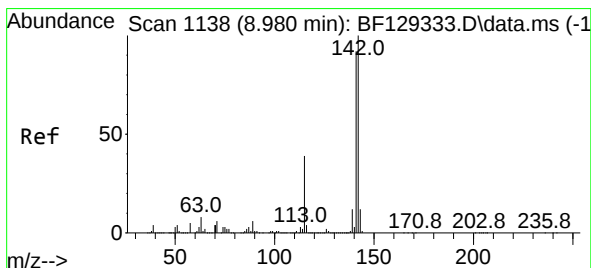
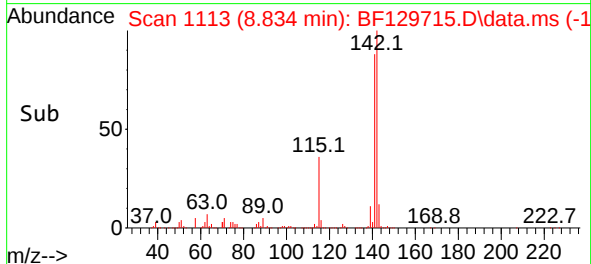
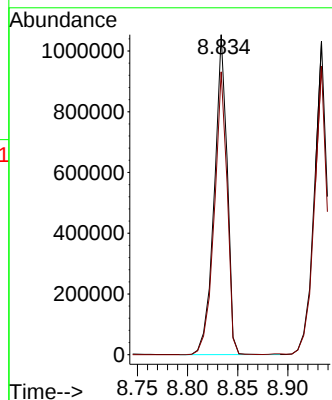
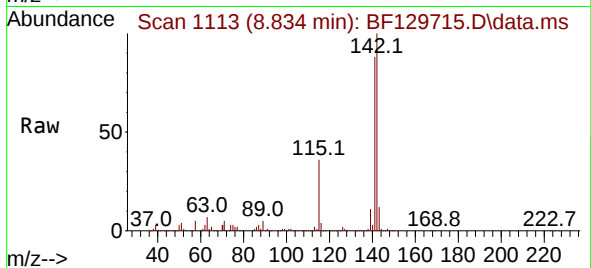
PB146619BS

Tgt Ion:142 Resp: 937298

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.4



#38

1-Methylnaphthalene

Concen: 38.639 ng

RT: 8.934 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BF129715.D

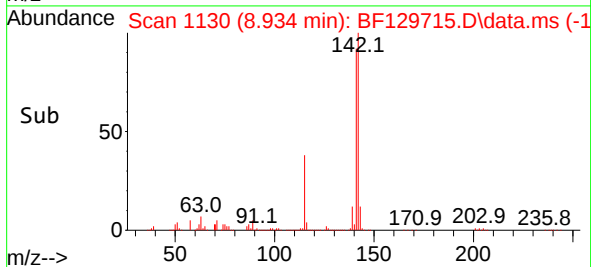
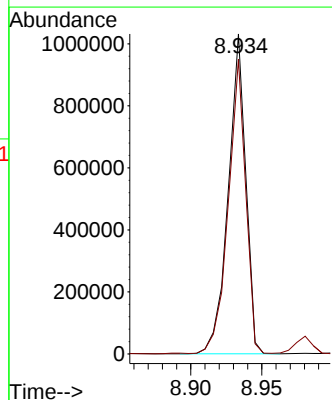
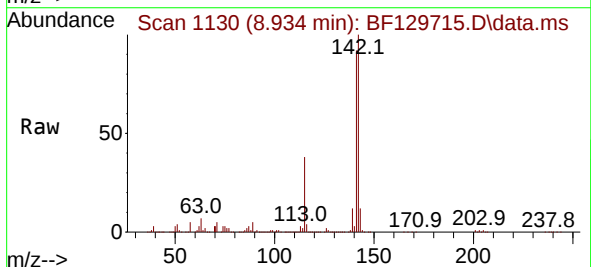
Acq: 11 Aug 2022 14:24

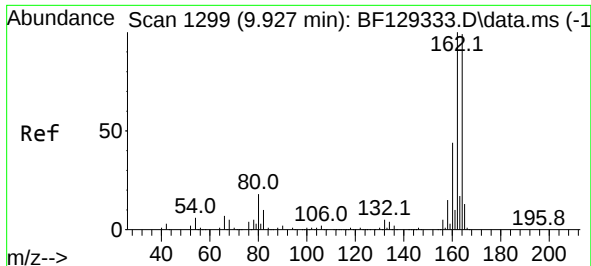
Tgt Ion:142 Resp: 884141

Ion Ratio Lower Upper

142 100

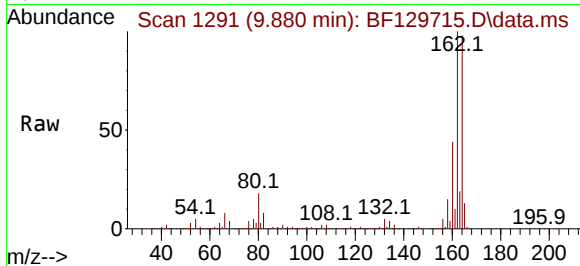
141 92.1 74.2 111.4



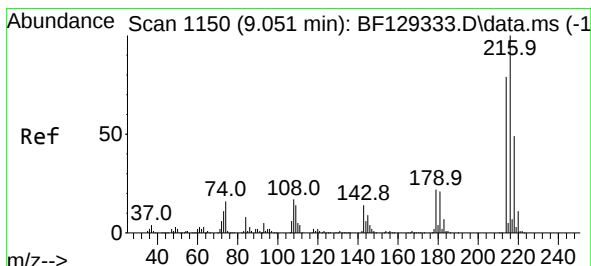
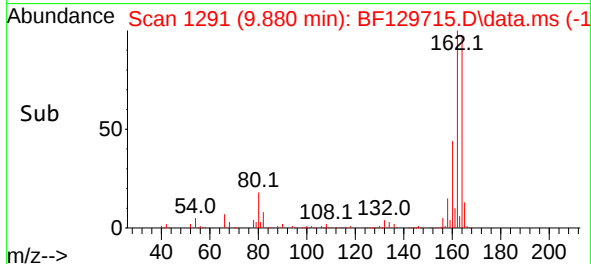
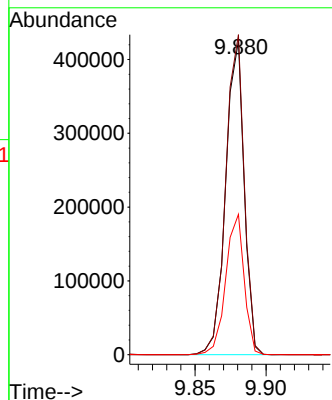


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Instrument :
BNA_F
ClientSampleId :
PB146619BS

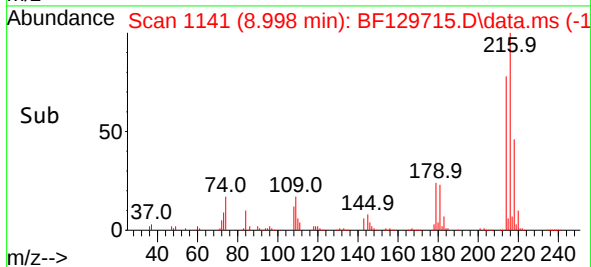
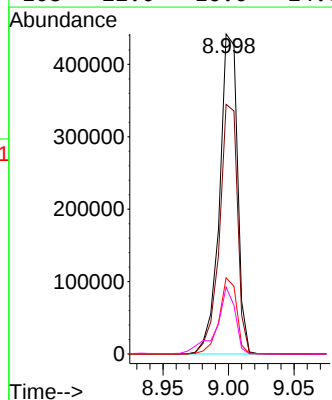
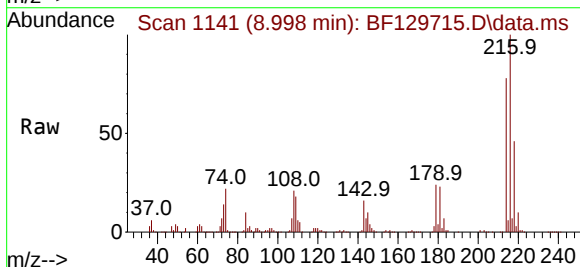


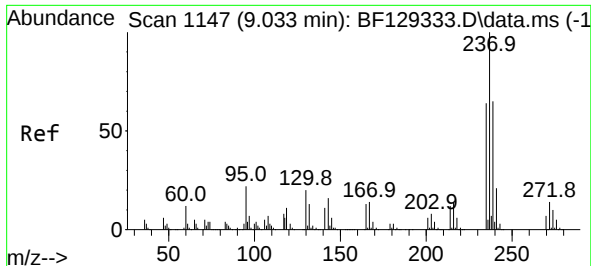
Tgt Ion:164 Resp: 385084
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 44.7 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.564 ng
RT: 8.998 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:216 Resp: 420274
Ion Ratio Lower Upper
216 100
214 78.4 63.6 95.4
179 23.0 17.0 25.6
108 22.0 16.0 24.0

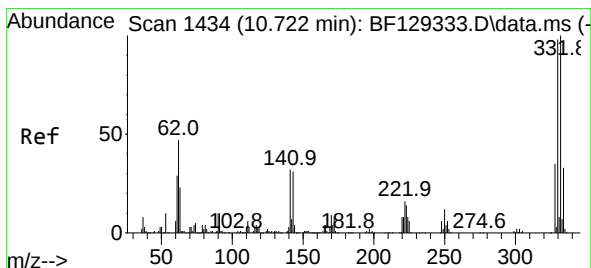
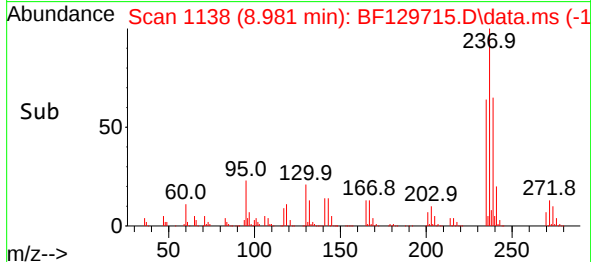
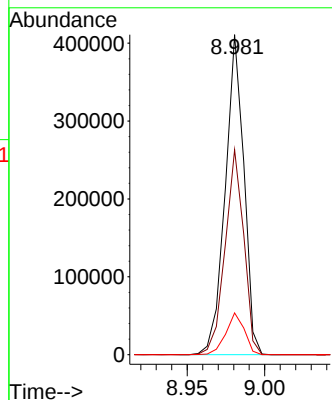
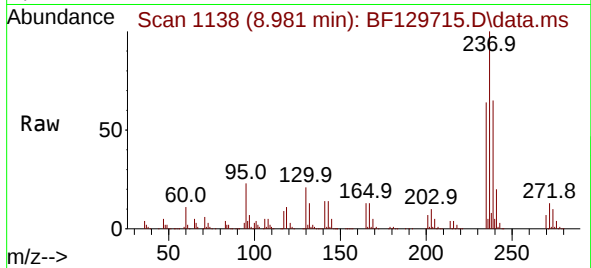




#41
Hexachlorocyclopentadiene
Concen: 76.426 ng
RT: 8.981 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

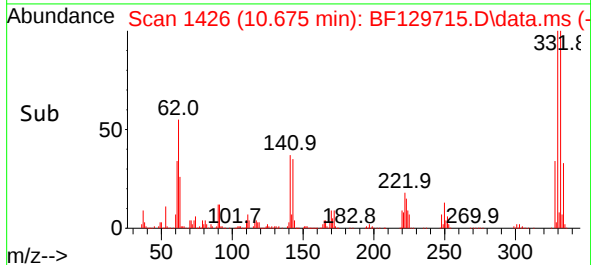
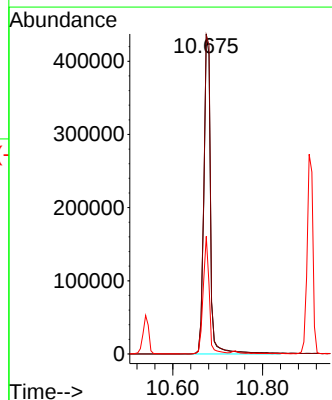
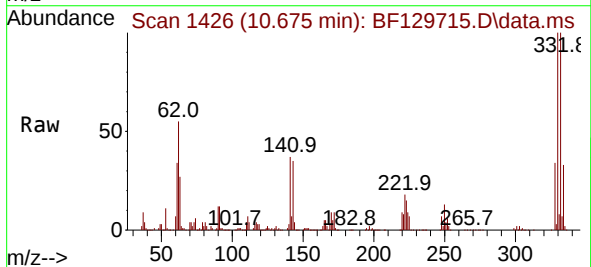
Instrument :
BNA_F
ClientSampleId :
PB146619BS

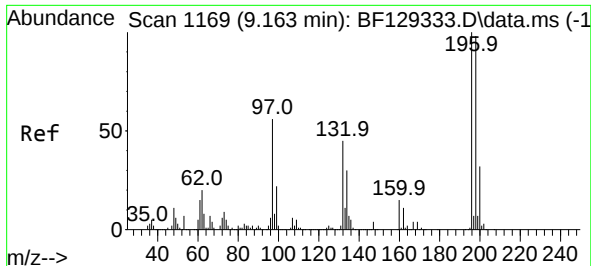
Tgt Ion:237 Resp: 344111
Ion Ratio Lower Upper
237 100
235 64.1 43.2 83.2
272 13.0 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 120.721 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:330 Resp: 446945
Ion Ratio Lower Upper
330 100
332 101.5 76.8 115.2
141 33.5 28.0 42.0

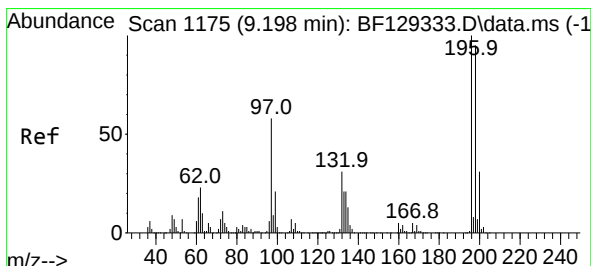
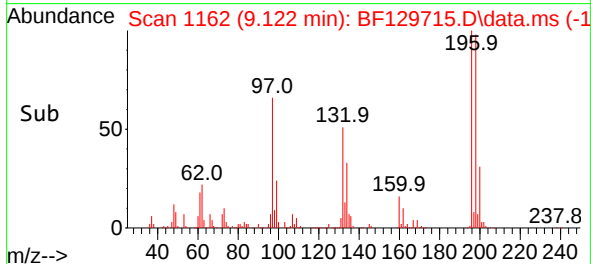
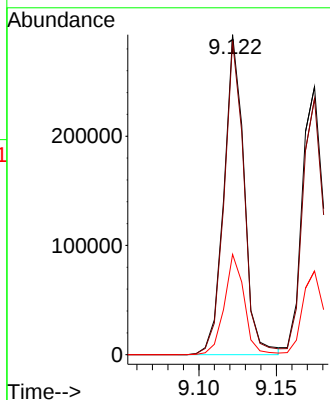
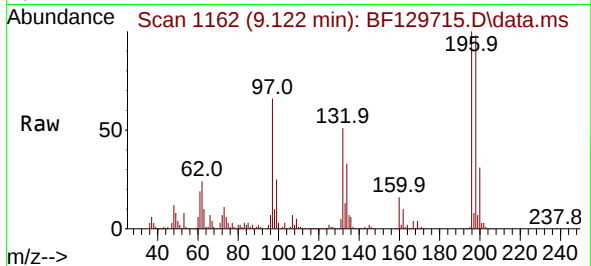




#43
2,4,6-Trichlorophenol
Concen: 35.986 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

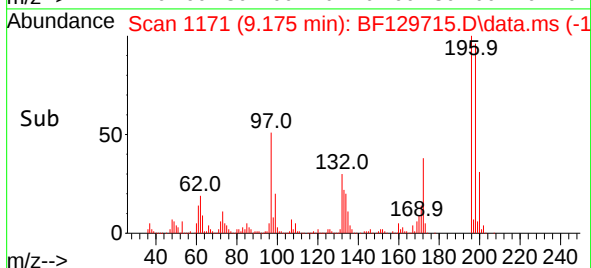
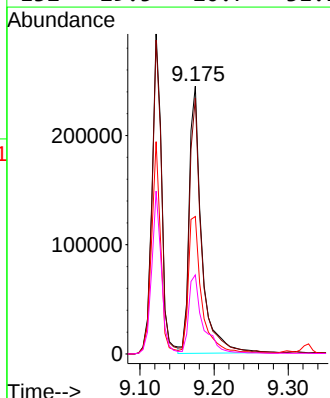
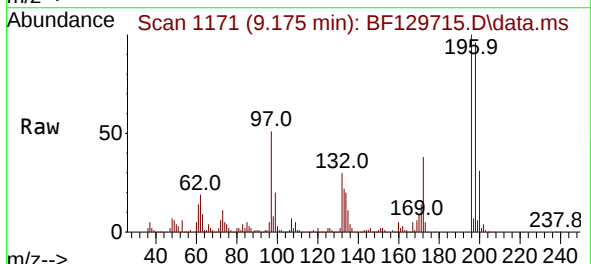
Instrument :
BNA_F
ClientSampleId :
PB146619BS

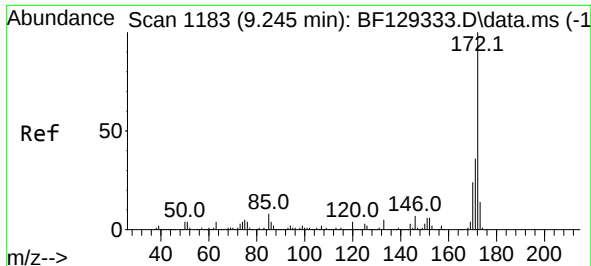
Tgt Ion:196 Resp: 264281
Ion Ratio Lower Upper
196 100
198 98.1 74.0 111.0
200 31.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 36.047 ng
RT: 9.175 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:196 Resp: 287893
Ion Ratio Lower Upper
196 100
198 95.6 75.7 113.5
97 51.3 36.4 54.6
132 29.5 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 73.405 ng

RT: 9.198 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

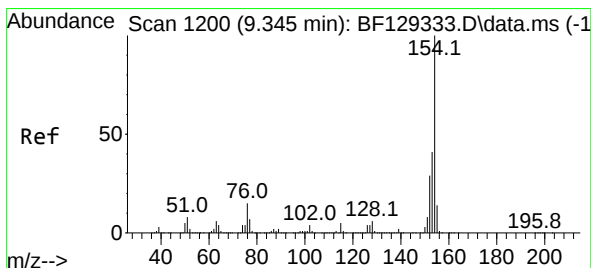
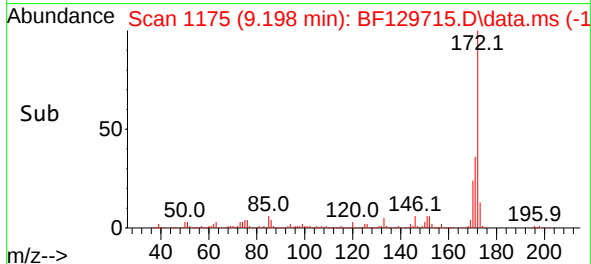
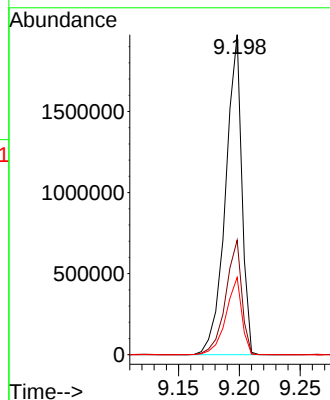
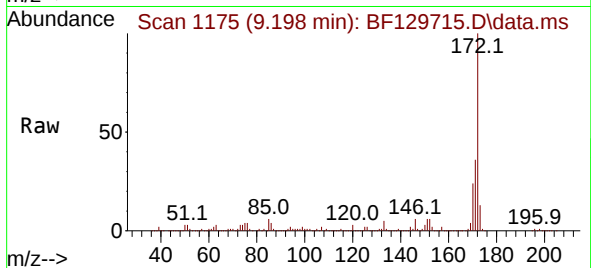
Tgt Ion:172 Resp: 1827272

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.2 19.8 29.8



#46

1,1'-Biphenyl

Concen: 40.815 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

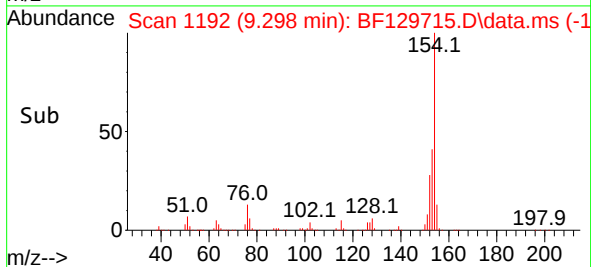
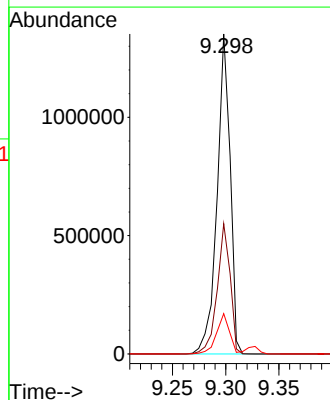
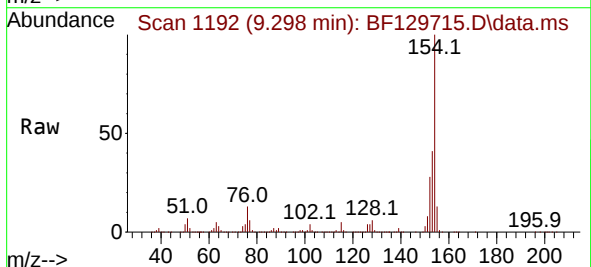
Tgt Ion:154 Resp: 1147050

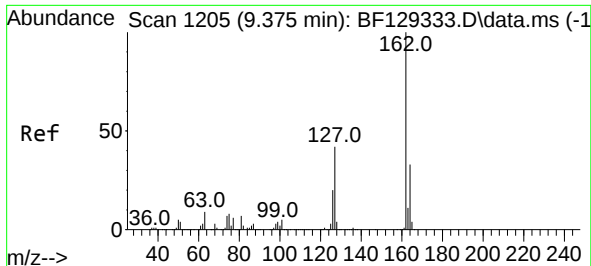
Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

76 12.6 0.0 33.3

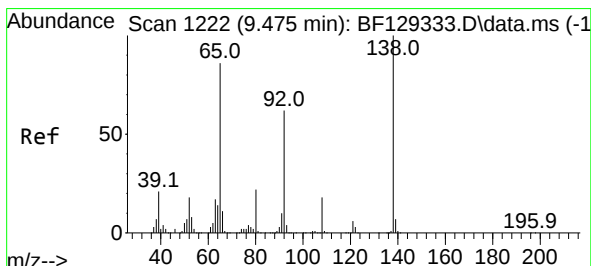
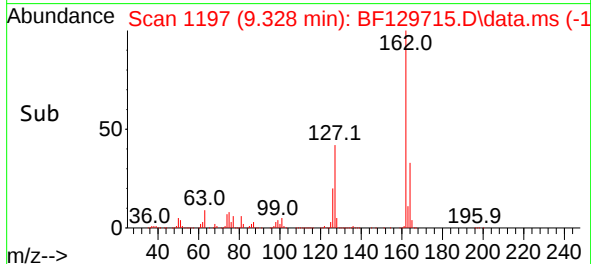
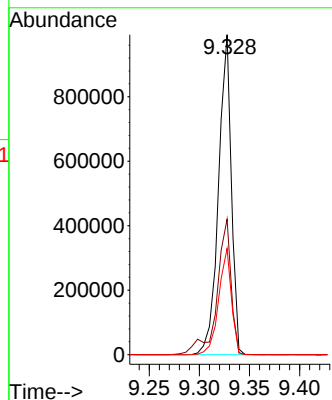
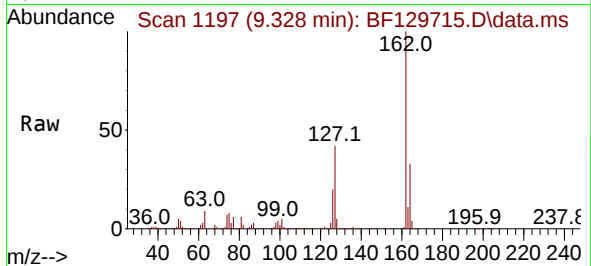




#47
2-Chloronaphthalene
Concen: 38.866 ng
RT: 9.328 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

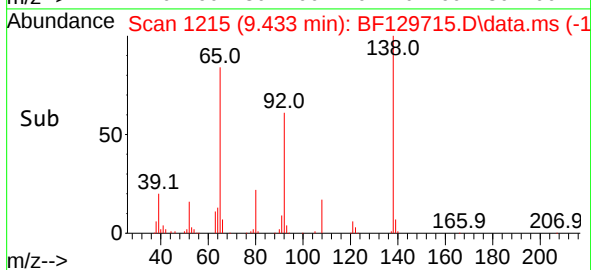
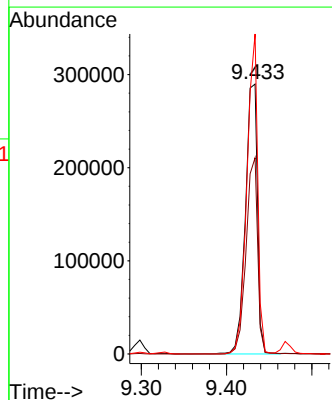
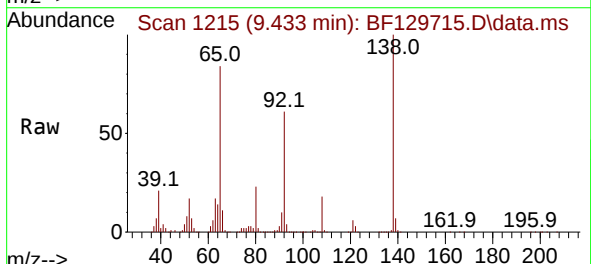
Instrument :
BNA_F
ClientSampleId :
PB146619BS

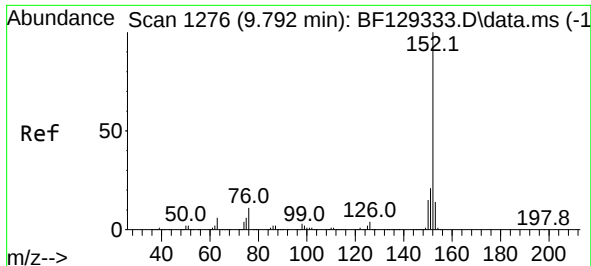
Tgt Ion:162 Resp: 882994
Ion Ratio Lower Upper
162 100
127 42.3 34.5 51.7
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 37.721 ng
RT: 9.433 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 65 Resp: 284965
Ion Ratio Lower Upper
65 100
92 72.6 51.9 77.9
138 118.5 76.4 114.6#





#49

Acenaphthylene

Concen: 38.945 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

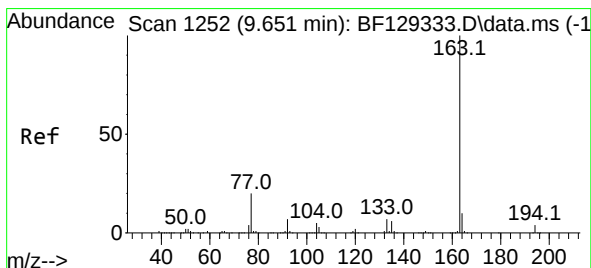
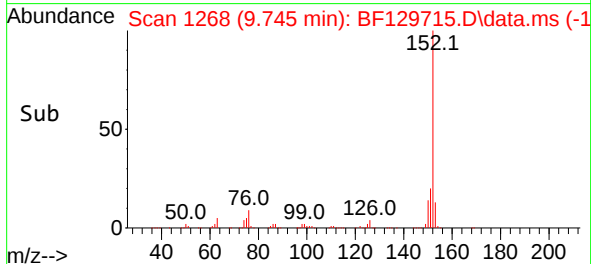
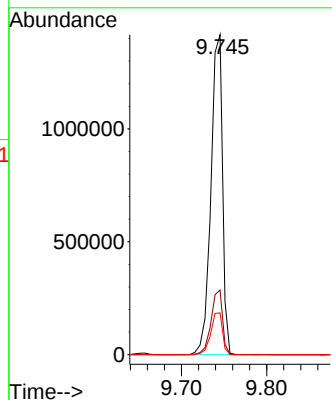
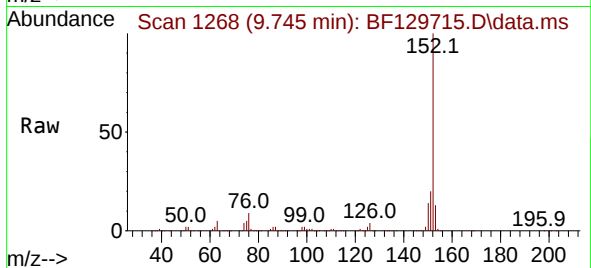
Tgt Ion:152 Resp: 1344419

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 40.296 ng

RT: 9.604 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

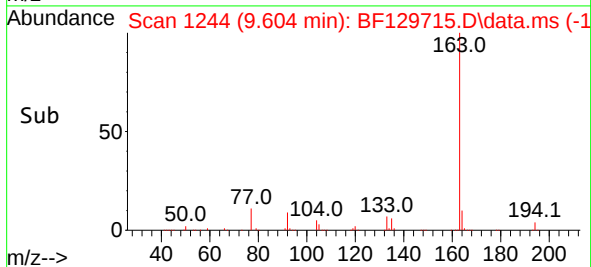
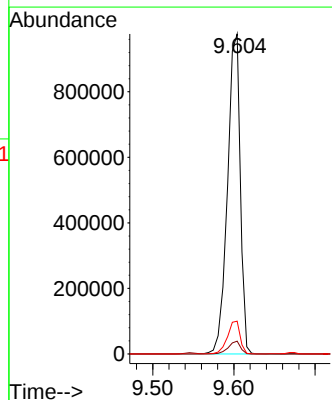
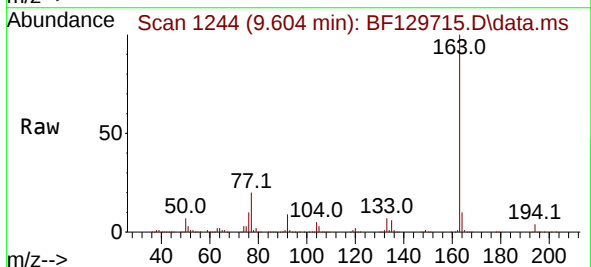
Tgt Ion:163 Resp: 1071205

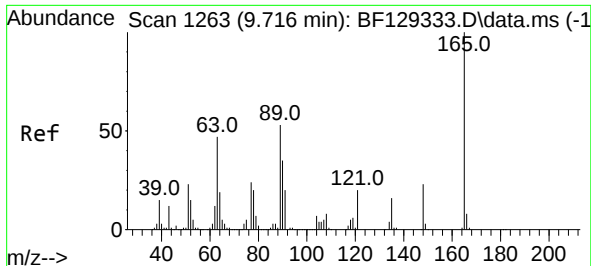
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.361 ng

RT: 9.669 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

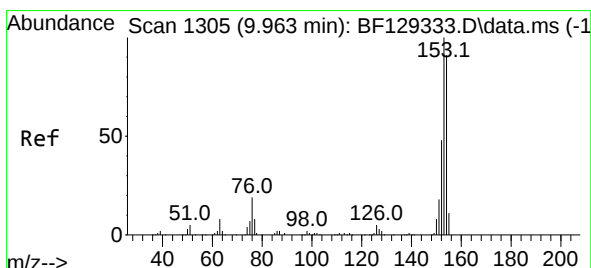
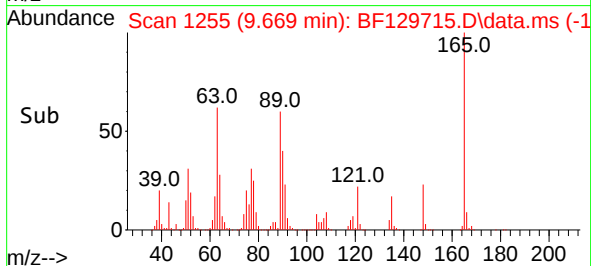
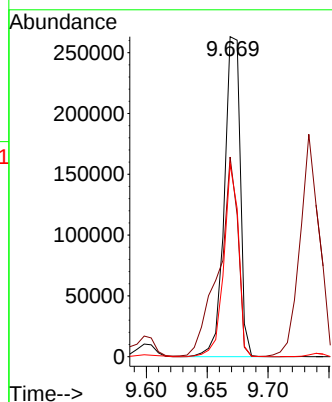
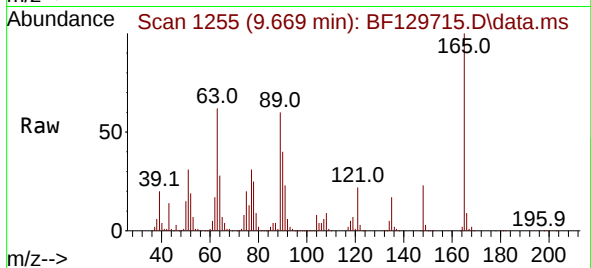
Tgt Ion:165 Resp: 240147

Ion Ratio Lower Upper

165 100

63 62.4 44.9 67.3

89 60.2 43.6 65.4



#52

Acenaphthene

Concen: 35.814 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

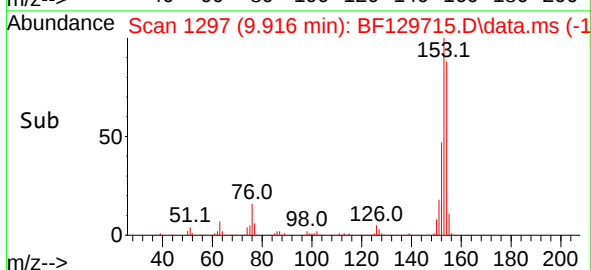
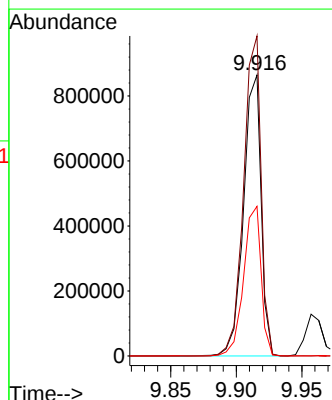
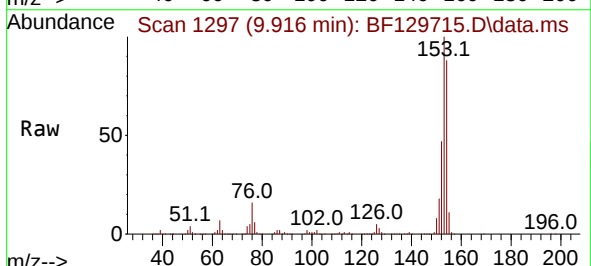
Tgt Ion:154 Resp: 807506

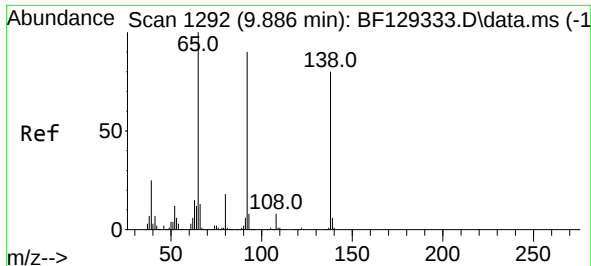
Ion Ratio Lower Upper

154 100

153 113.9 89.6 134.4

152 53.2 42.4 63.6

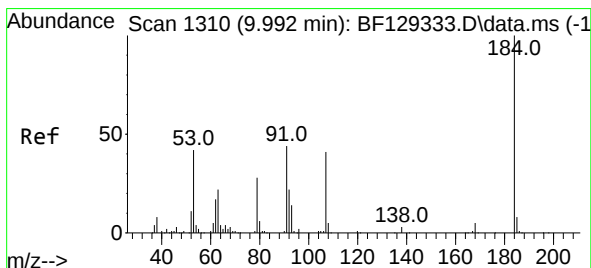
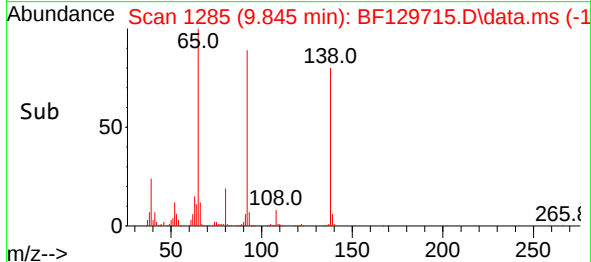
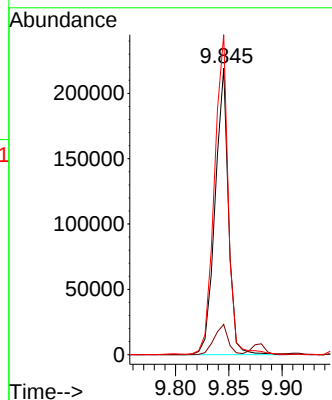
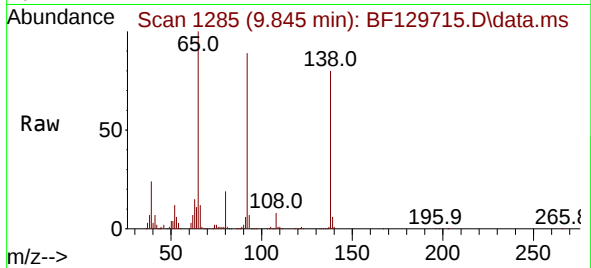




#53
3-Nitroaniline
Concen: 27.243 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

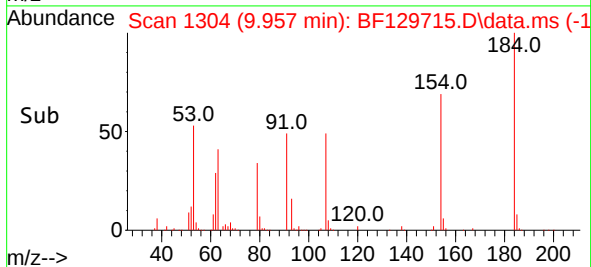
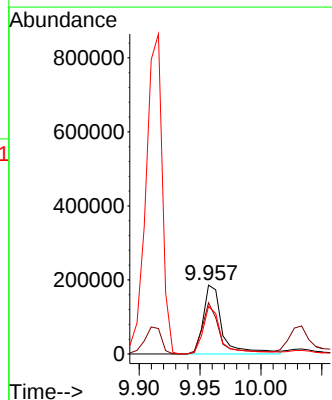
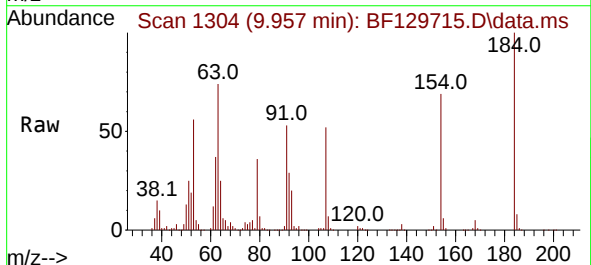
Instrument :
BNA_F
ClientSampleId :
PB146619BS

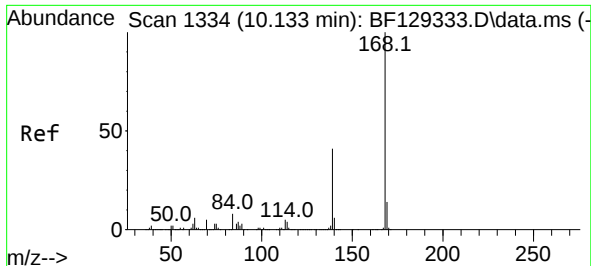
Tgt Ion:138 Resp: 191406
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3#
92 111.6 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 66.805 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:184 Resp: 202915
Ion Ratio Lower Upper
184 100
63 74.3 64.5 96.7
154 69.0 50.6 75.8

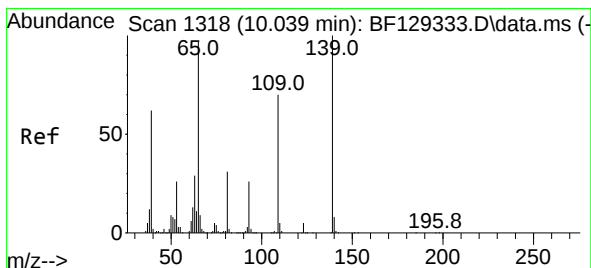
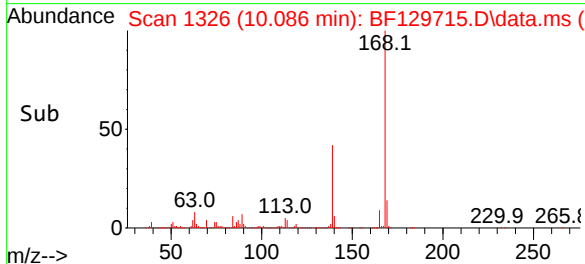
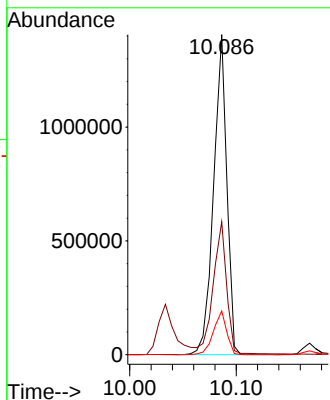
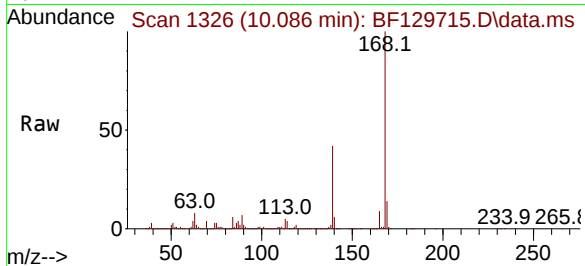




#55
Dibenzofuran
Concen: 38.786 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

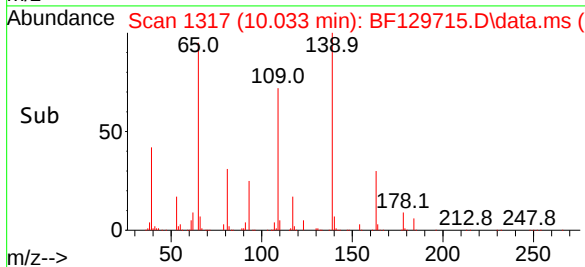
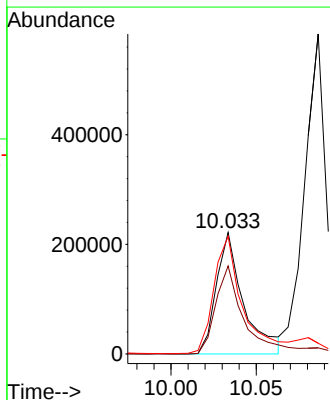
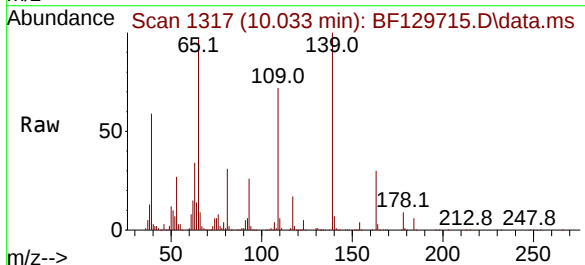
Instrument :
BNA_F
ClientSampleId :
PB146619BS

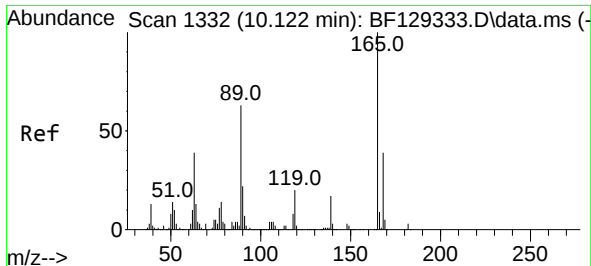
Tgt Ion:168 Resp: 1205548
Ion Ratio Lower Upper
168 100
139 41.5 30.6 46.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 47.510 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:139 Resp: 246262
Ion Ratio Lower Upper
139 100
109 72.5 50.7 90.7
65 96.9 74.5 114.5

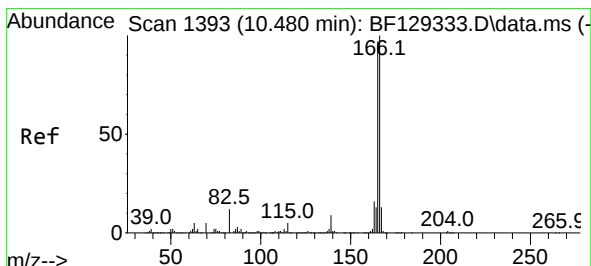
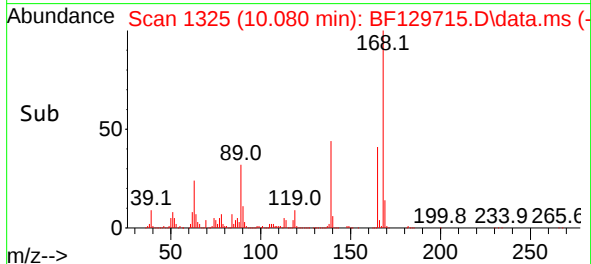
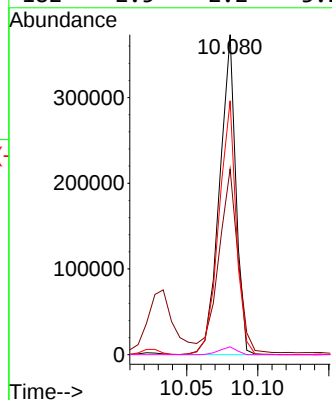
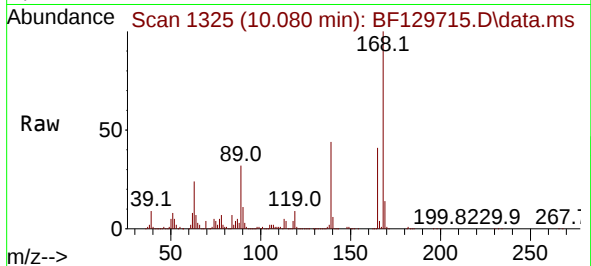




#57
2,4-Dinitrotoluene
Concen: 38.501 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

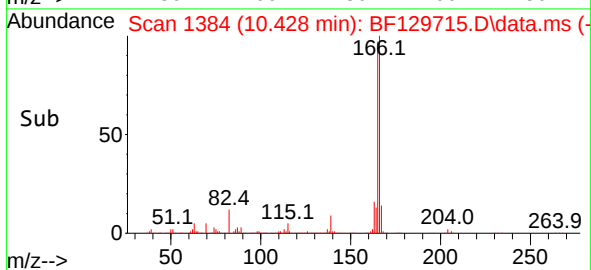
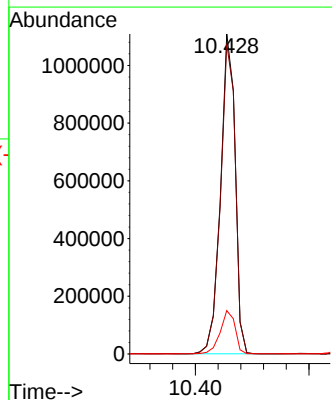
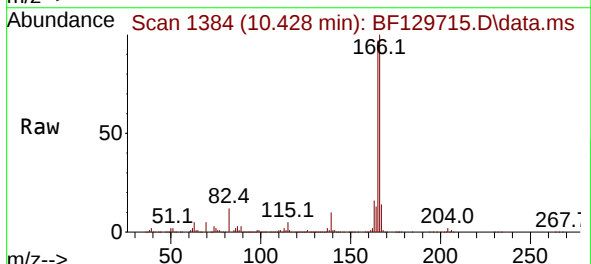
Instrument :
BNA_F
ClientSampleId :
PB146619BS

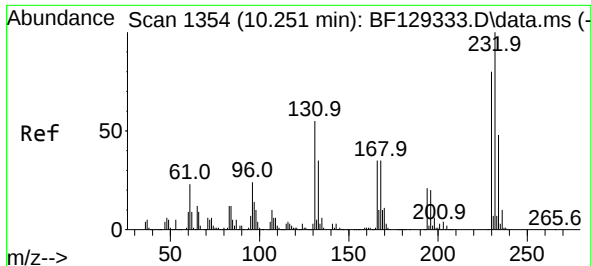
Tgt Ion:165	Resp:	299255
Ion Ratio	Lower	Upper
165	100	
63	58.1	39.8 59.6
89	79.3	60.2 90.2
182	2.5	2.2 3.2



#58
Fluorene
Concen: 39.999 ng
RT: 10.428 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

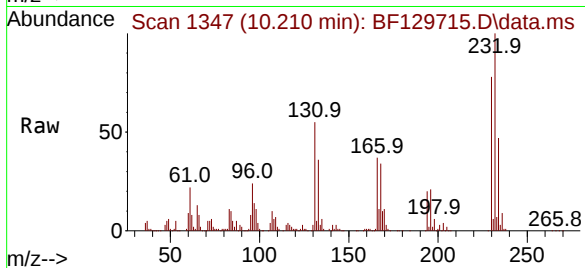
Tgt Ion:166	Resp:	994736
Ion Ratio	Lower	Upper
166	100	
165	97.0	78.1 117.1
167	13.6	10.5 15.7



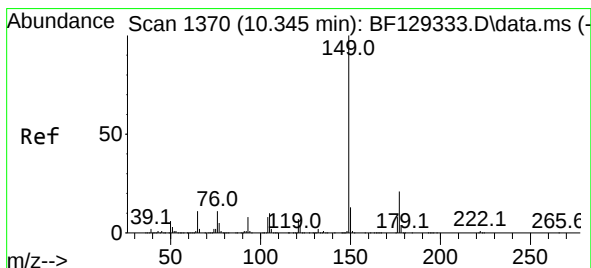
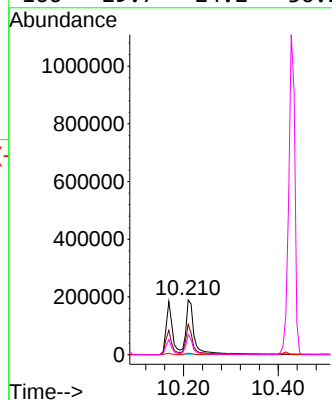
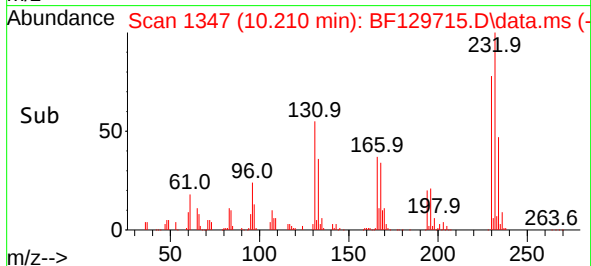


#59
2,3,4,6-Tetrachlorophenol
Concen: 37.341 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

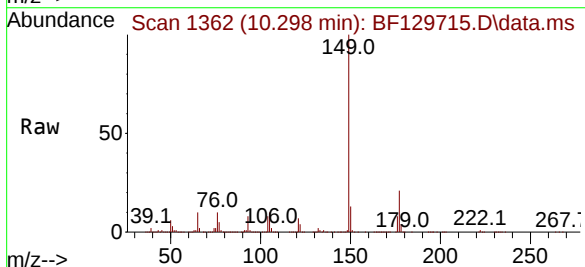
Instrument :
BNA_F
ClientSampleId :
PB146619BS



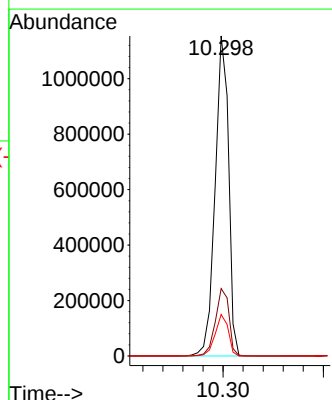
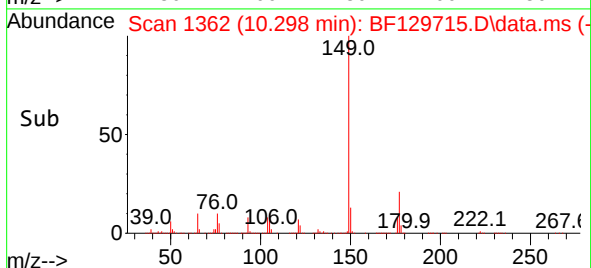
Tgt Ion:232 Resp: 230465
Ion Ratio Lower Upper
232 100
131 44.2 36.1 54.1
130 2.2 1.8 2.8
166 29.7 24.2 36.2

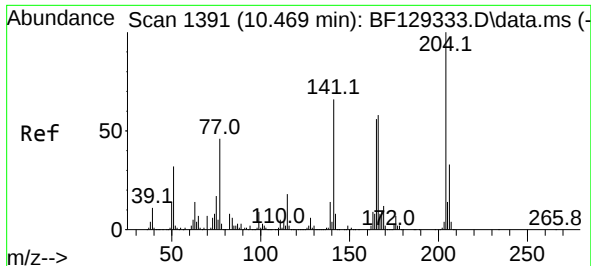


#60
Diethylphthalate
Concen: 41.815 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24



Tgt Ion:149 Resp: 1074560
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.9 10.2 15.2

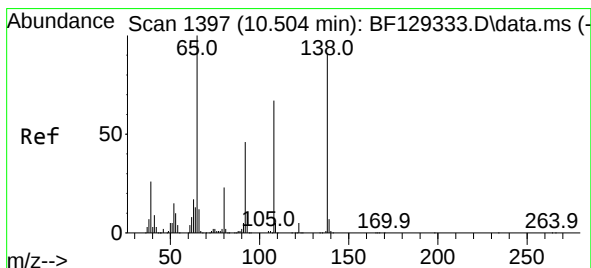
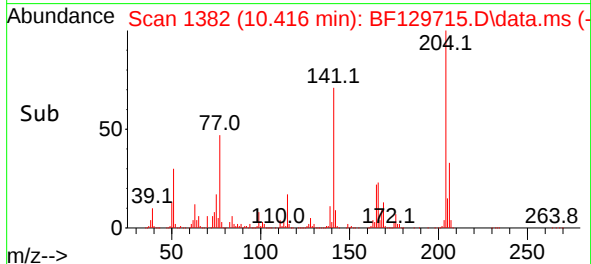
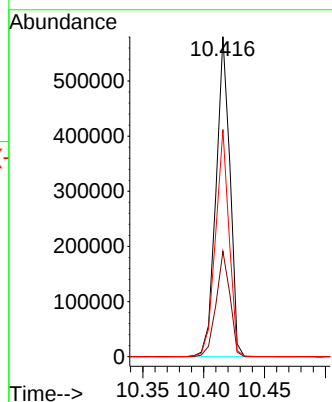
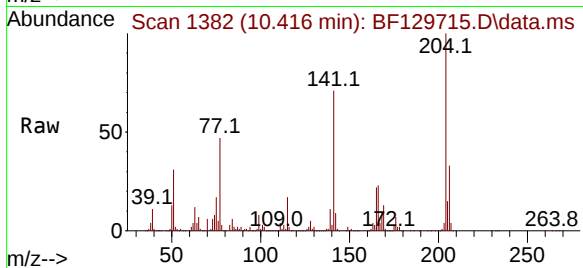




#61
4-Chlorophenyl-phenylether
Concen: 42.135 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

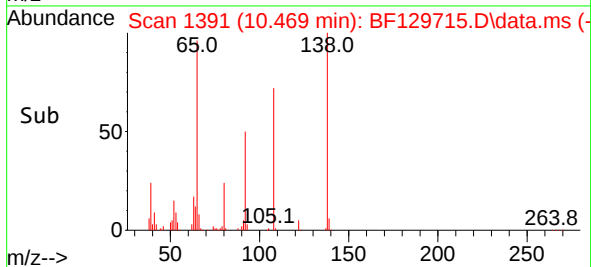
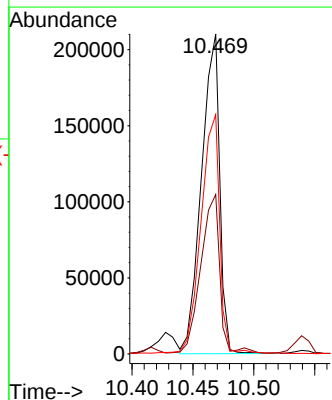
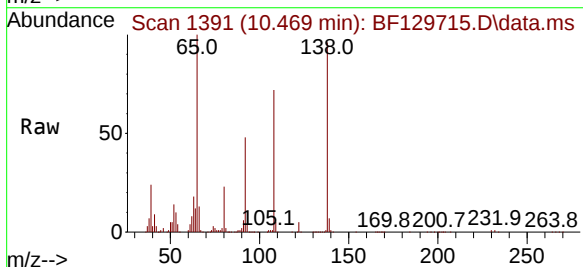
Instrument :
BNA_F
ClientSampleId :
PB146619BS

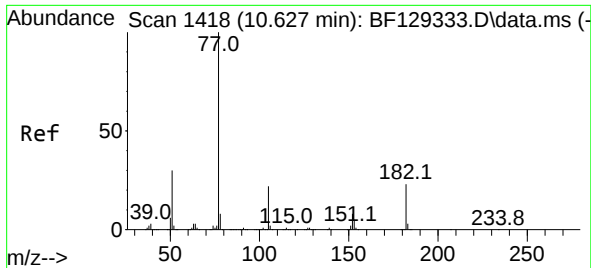
Tgt Ion:204 Resp: 461958
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 71.0 47.0 70.4#



#62
4-Nitroaniline
Concen: 31.323 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:138 Resp: 218313
Ion Ratio Lower Upper
138 100
92 49.8 33.5 73.5
108 74.8 61.0 101.0

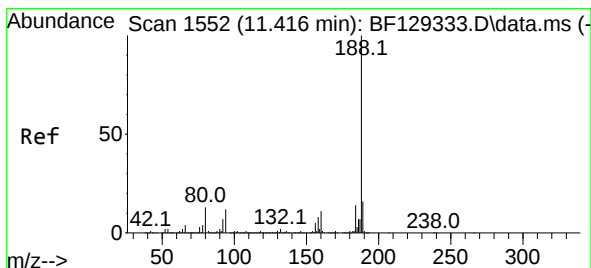
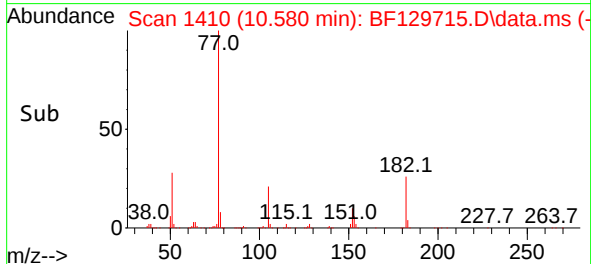
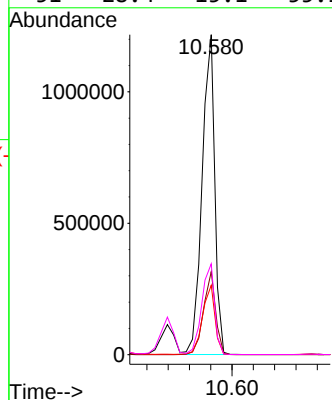
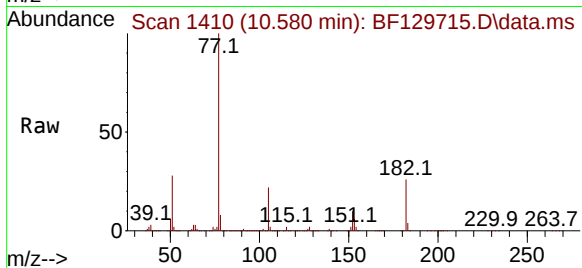




#63
Azobenzene
Concen: 38.419 ng
RT: 10.580 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

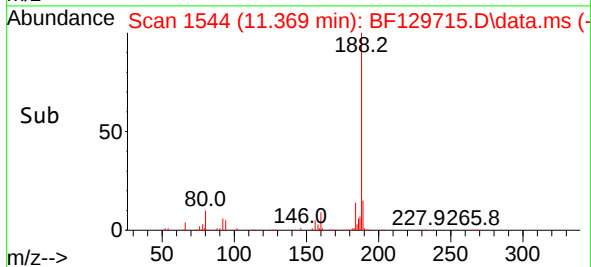
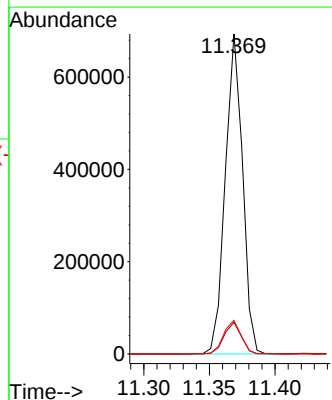
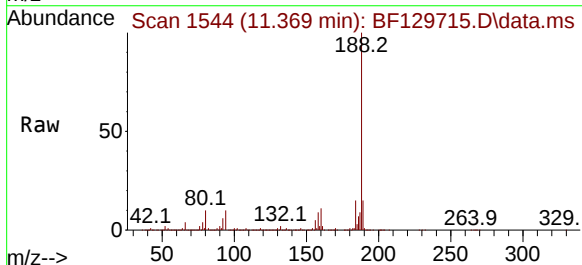
Instrument :
BNA_F
ClientSampleId :
PB146619BS

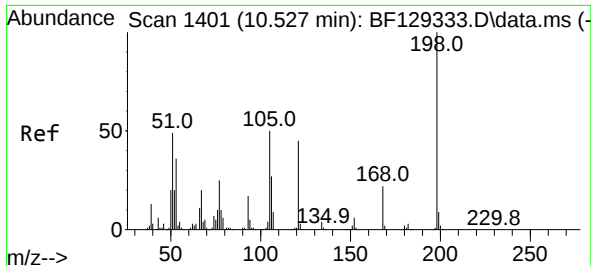
Tgt Ion: 77 Resp: 1006997
Ion Ratio Lower Upper
77 100
182 26.0 5.6 45.6
105 21.7 1.6 41.6
51 28.4 15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:188 Resp: 633950
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.5 7.6 11.4

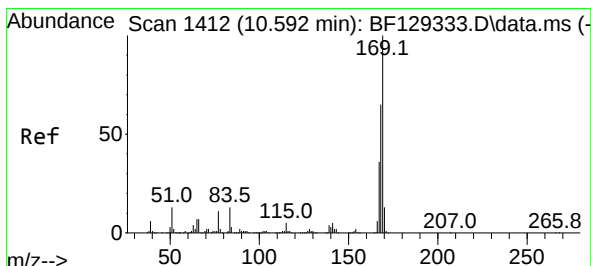
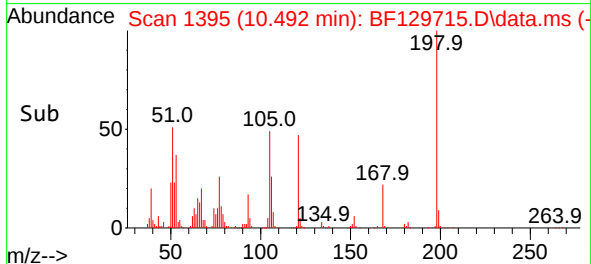
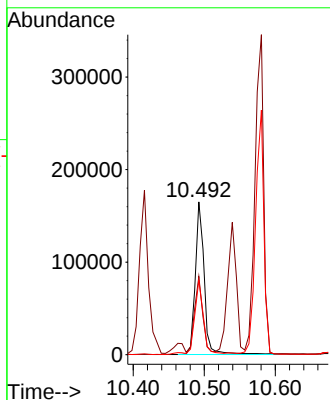
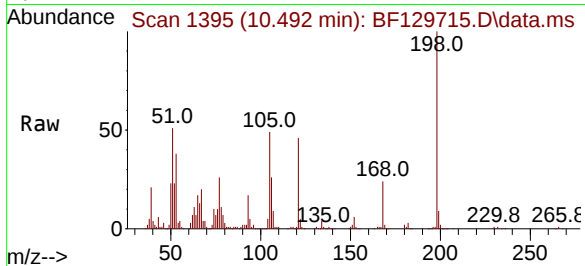




#65
4,6-Dinitro-2-methylphenol
Concen: 36.202 ng
RT: 10.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

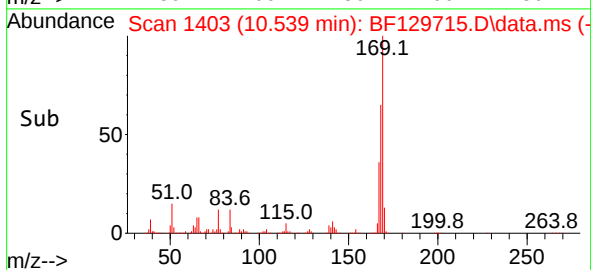
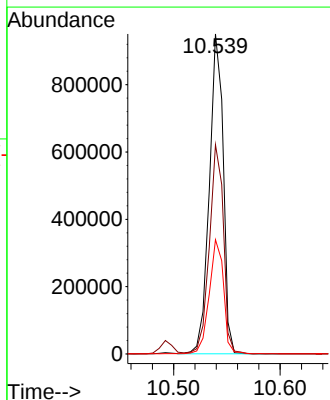
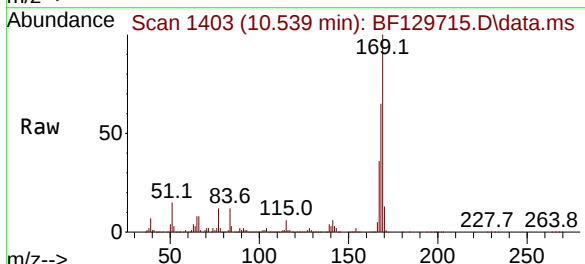
Instrument :
BNA_F
ClientSampleId :
PB146619BS

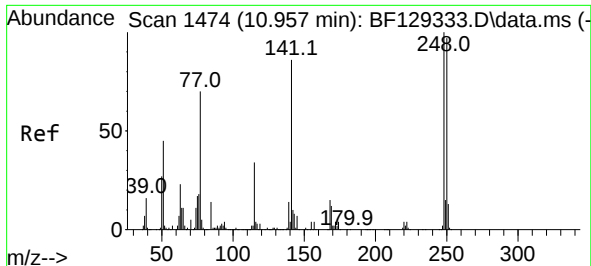
Tgt Ion:198 Resp: 144856
Ion Ratio Lower Upper
198 100
51 51.2 37.6 77.6
105 48.8 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 40.864 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:169 Resp: 862723
Ion Ratio Lower Upper
169 100
168 65.4 50.1 75.1
167 35.7 27.9 41.9

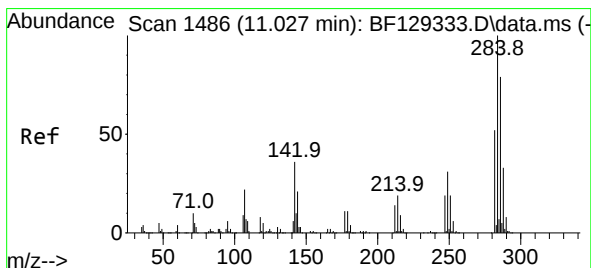
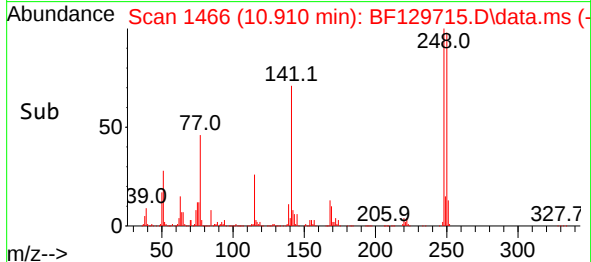
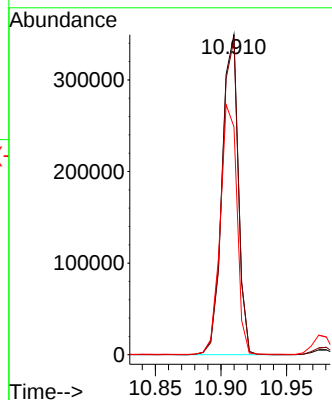
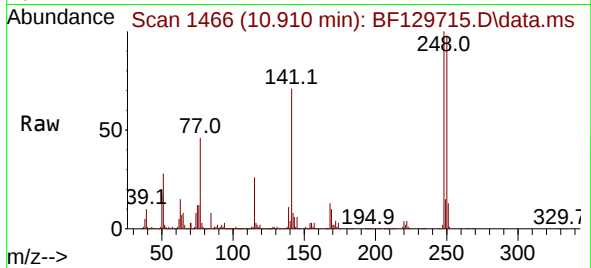




#67
4-Bromophenyl-phenylether
Concen: 43.237 ng
RT: 10.910 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

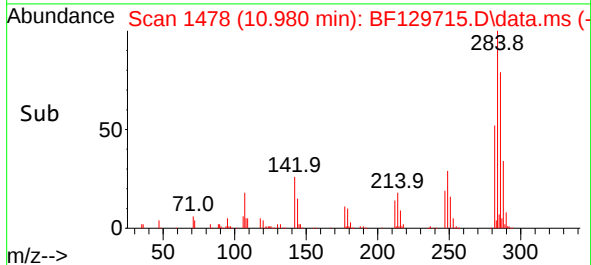
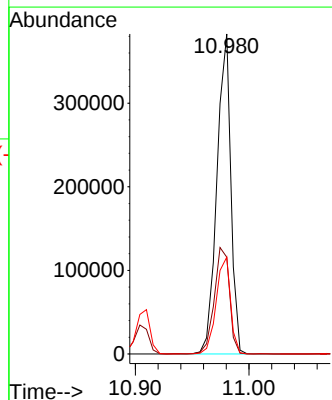
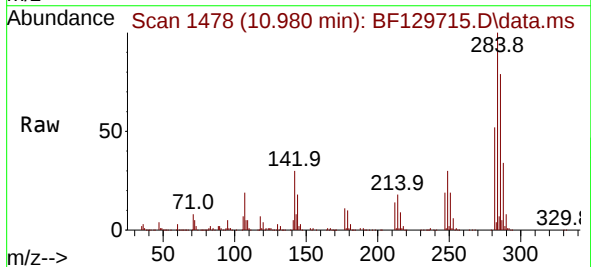
Instrument :
BNA_F
ClientSampleId :
PB146619BS

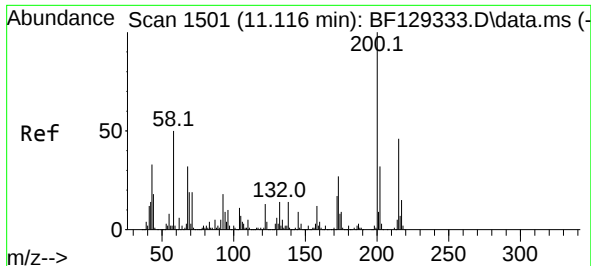
Tgt Ion:248 Resp: 300152
Ion Ratio Lower Upper
248 100
250 98.4 80.6 120.8
141 71.2 58.9 88.3



#68
Hexachlorobenzene
Concen: 43.341 ng
RT: 10.980 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:284 Resp: 326002
Ion Ratio Lower Upper
284 100
142 30.3 29.0 43.4
249 30.2 25.0 37.6

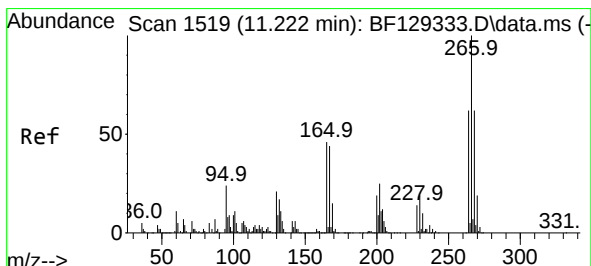
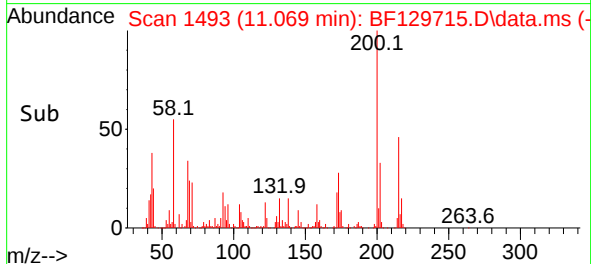
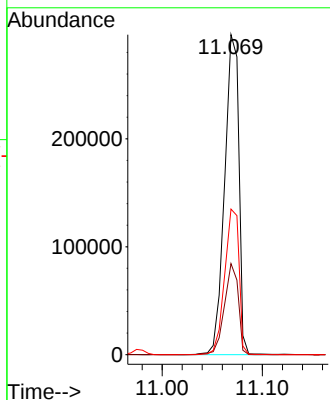
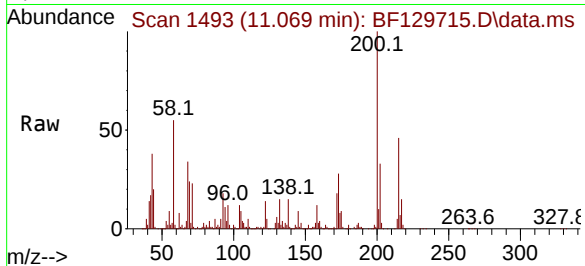




#69
 Atrazine
 Concen: 45.599 ng
 RT: 11.069 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

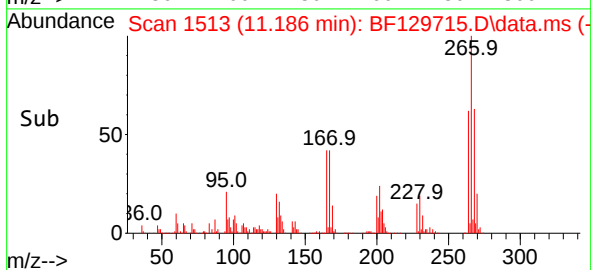
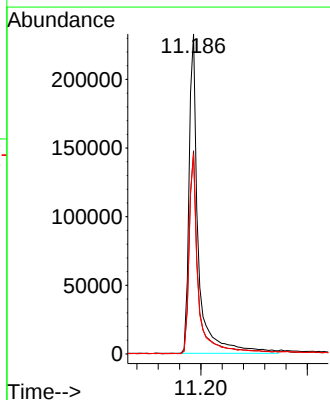
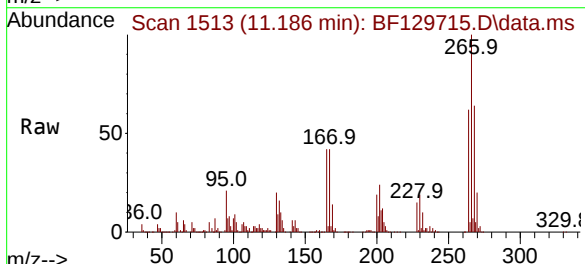
Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS

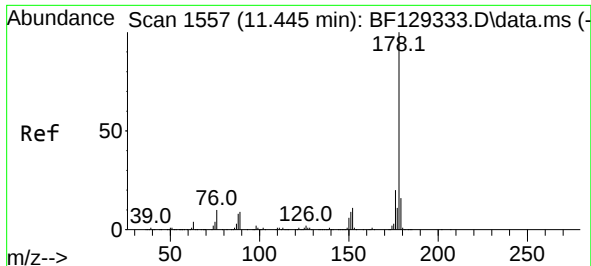
Tgt Ion:200 Resp: 292408
 Ion Ratio Lower Upper
 200 100
 173 28.5 6.3 46.3
 215 45.5 28.3 68.3



#70
 Pentachlorophenol
 Concen: 69.046 ng
 RT: 11.186 min Scan# 1513
 Delta R.T. 0.006 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

Tgt Ion:266 Resp: 282334
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.4
 264 62.4 49.4 74.2

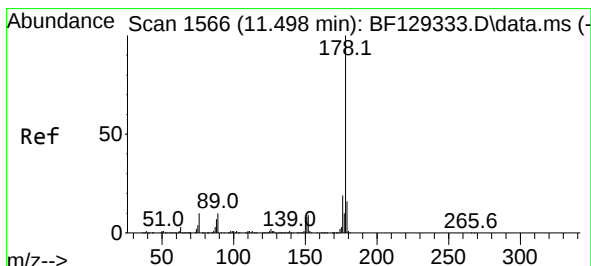
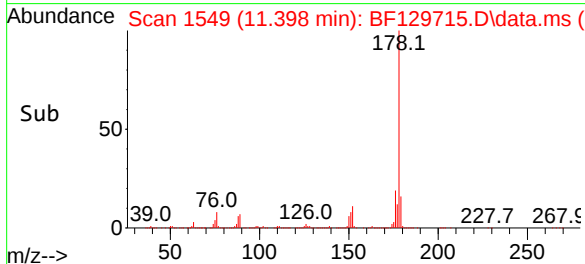
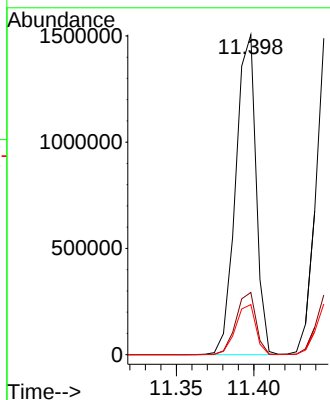
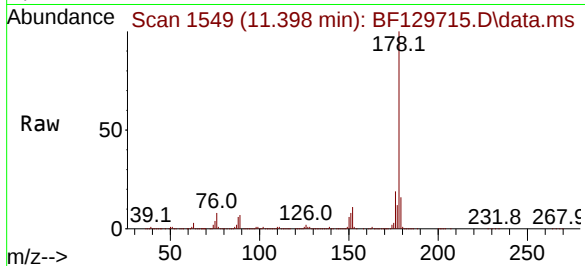




#71
Phenanthrene
Concen: 39.775 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

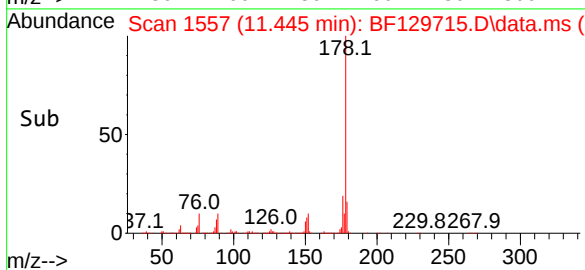
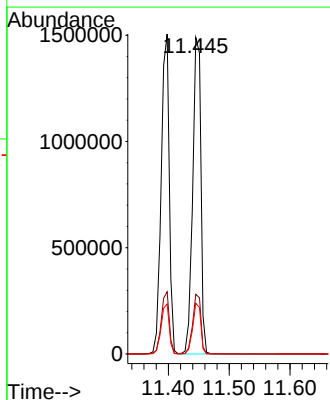
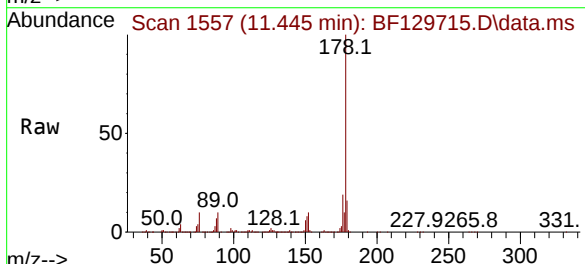
Instrument :
BNA_F
ClientSampleId :
PB146619BS

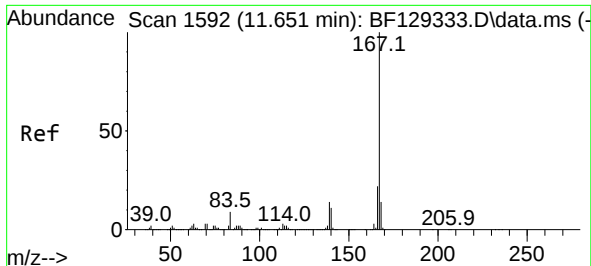
Tgt Ion:178 Resp: 1376434
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.7 12.6 19.0



#72
Anthracene
Concen: 40.899 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:178 Resp: 1390858
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 16.1 12.6 19.0

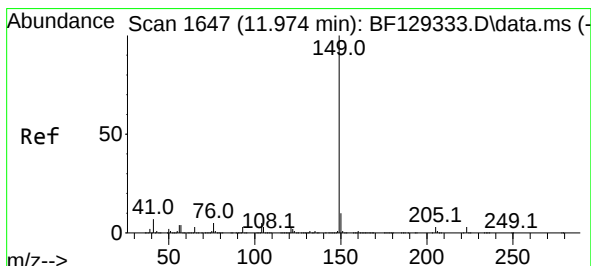
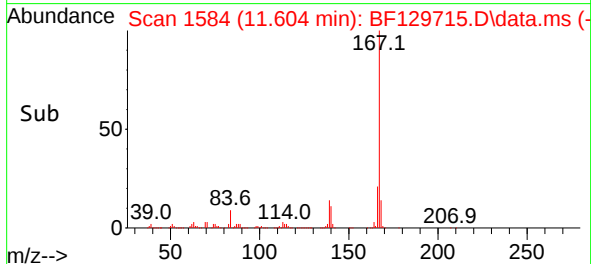
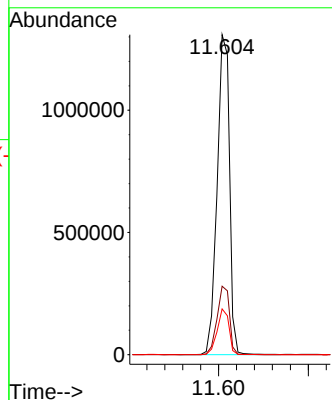
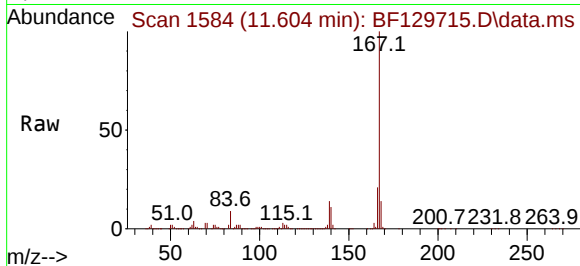




#73
 Carbazole
 Concen: 38.987 ng
 RT: 11.604 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

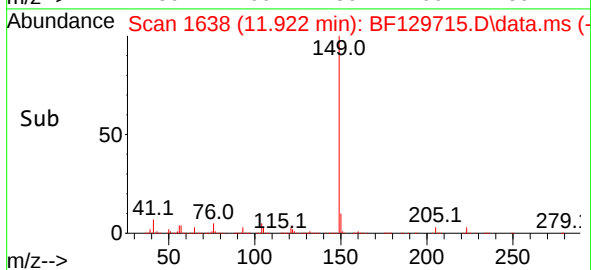
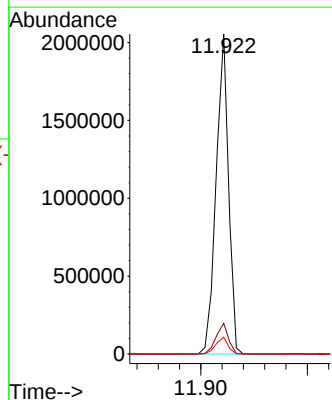
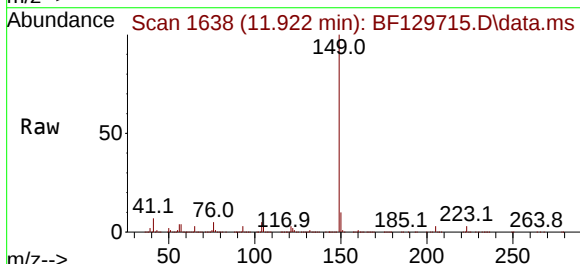
Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS

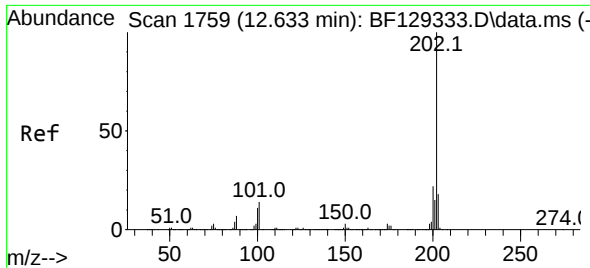
Tgt Ion:167 Resp: 1248079
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 14.3 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 43.651 ng
 RT: 11.922 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

Tgt Ion:149 Resp: 1664113
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.2 4.4 6.6

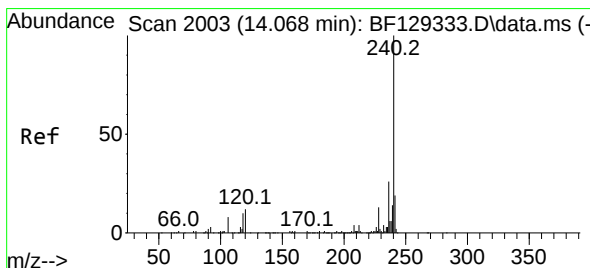
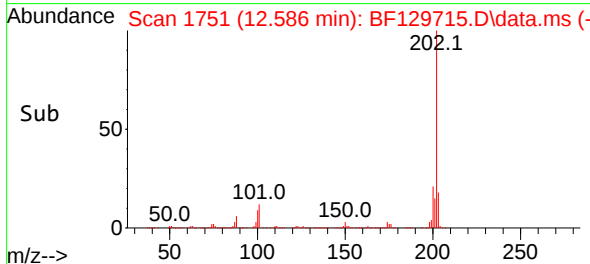
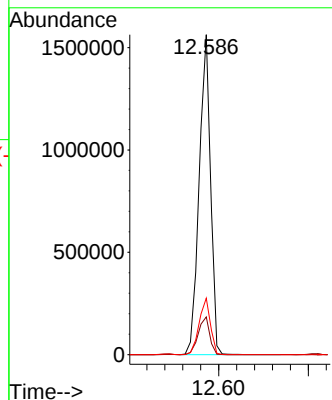
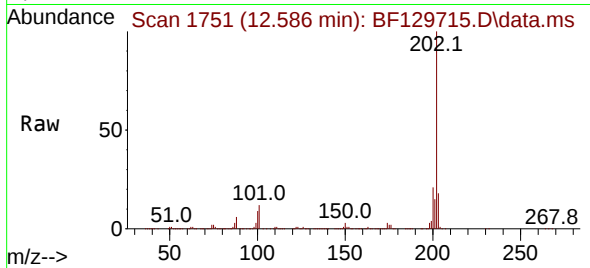




#75
Fluoranthene
Concen: 39.100 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

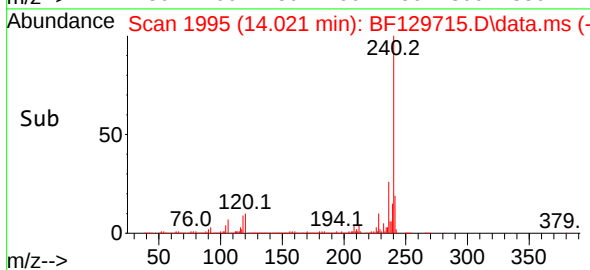
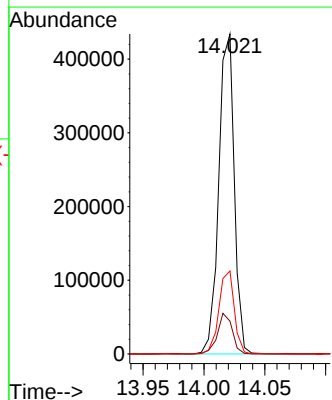
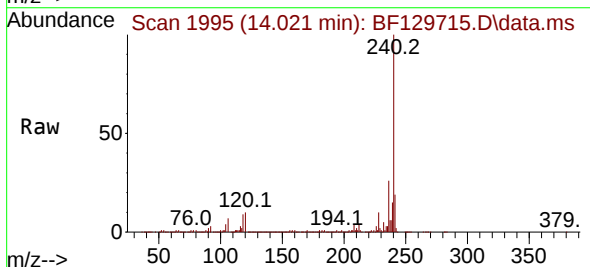
Instrument :
BNA_F
ClientSampleId :
PB146619BS

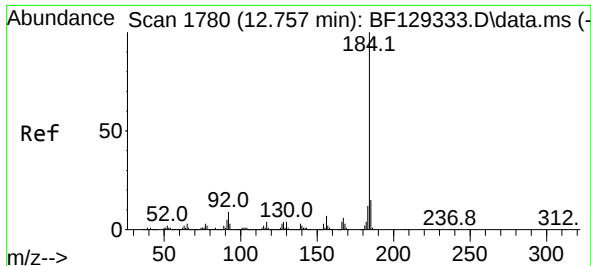
Tgt Ion:202 Resp: 1370986
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 17.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:240 Resp: 386355
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.0 20.8 31.2

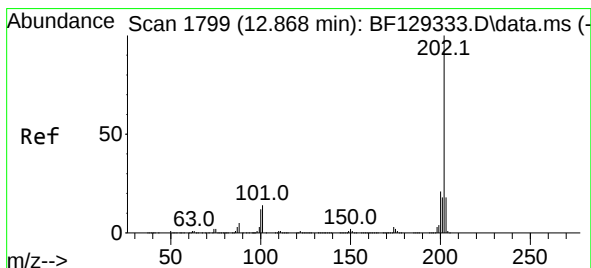
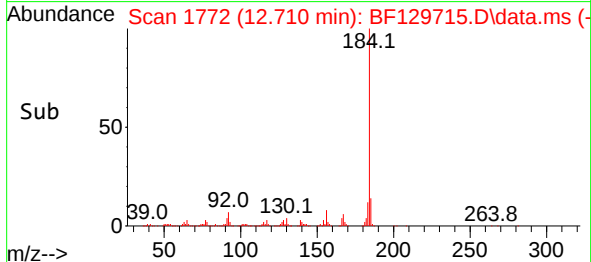
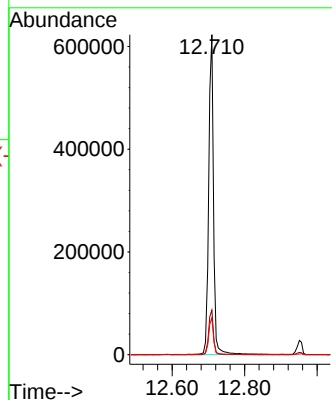
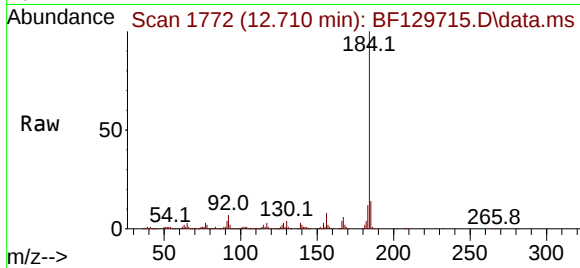




#77
Benzidine
Concen: 41.866 ng
RT: 12.710 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

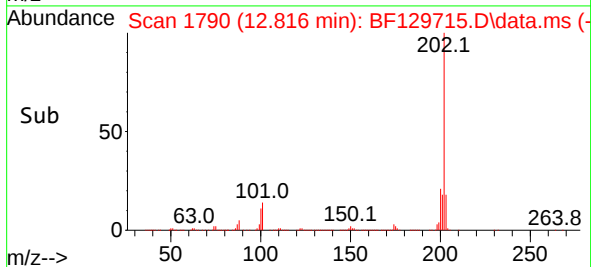
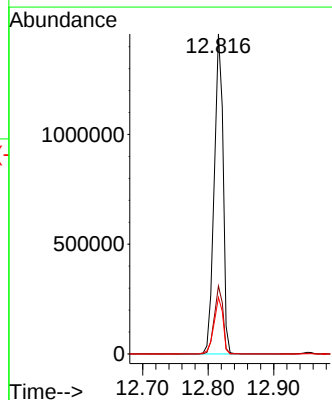
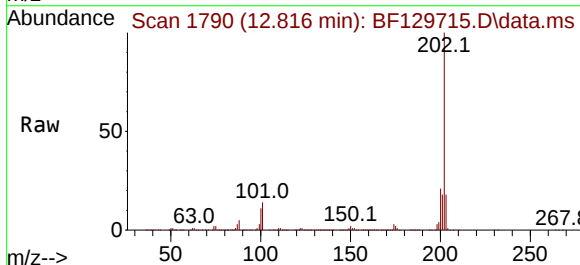
Instrument :
BNA_F
ClientSampleId :
PB146619BS

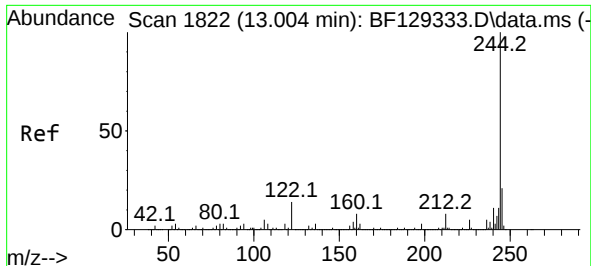
Tgt Ion:184 Resp: 571425
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.5 9.3 13.9



#78
Pyrene
Concen: 42.371 ng
RT: 12.816 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:202 Resp: 1368926
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.6 14.6 21.8

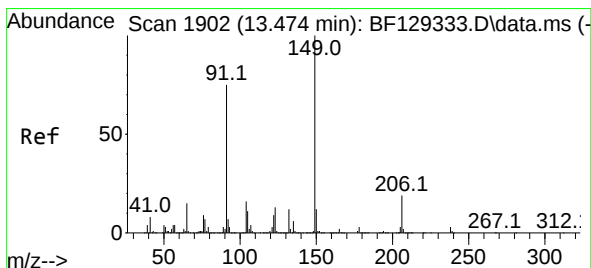
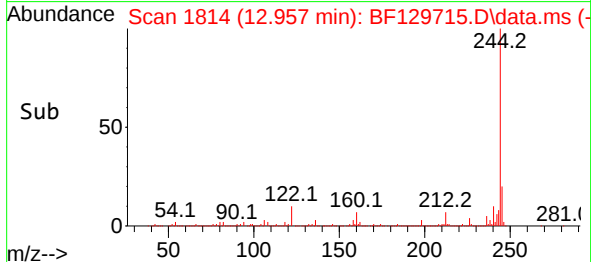
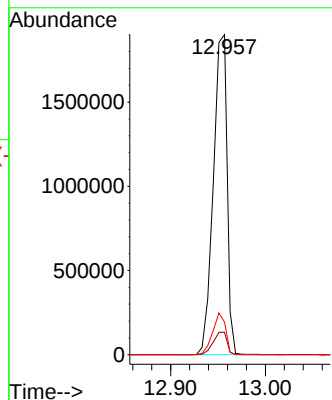
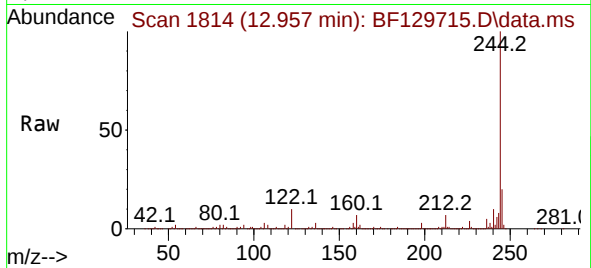




#79
 Terphenyl-d14
 Concen: 93.526 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

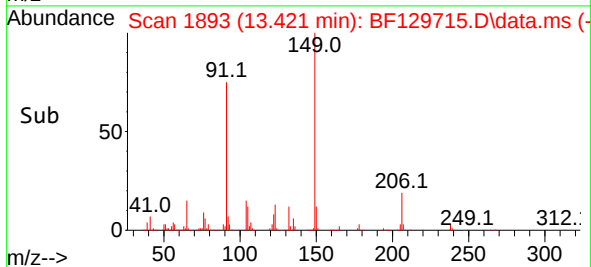
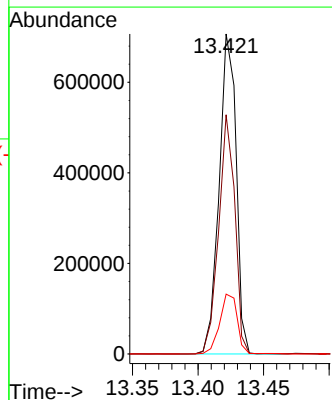
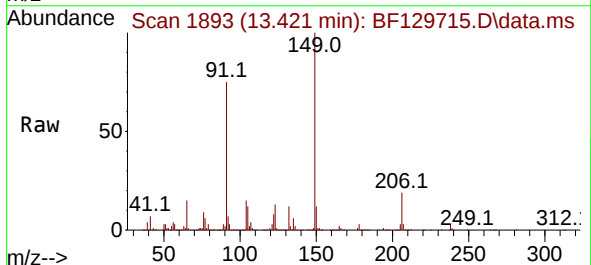
Instrument :
 BNA_F
 ClientSampleId :
 PB146619BS

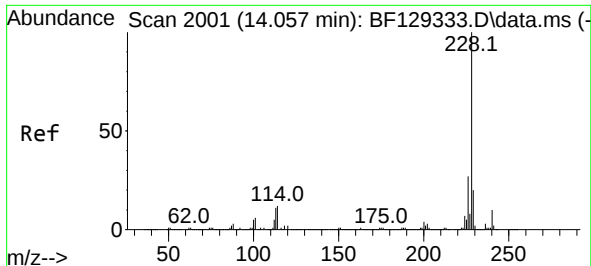
Tgt Ion:244 Resp: 1915340
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 10.2 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 45.336 ng
 RT: 13.421 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: BF129715.D
 Acq: 11 Aug 2022 14:24

Tgt Ion:149 Resp: 635325
 Ion Ratio Lower Upper
 149 100
 91 74.7 61.2 91.8
 206 18.7 15.7 23.5

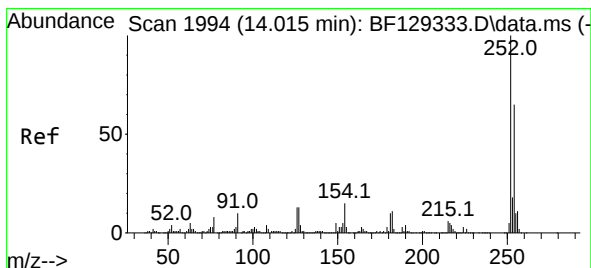
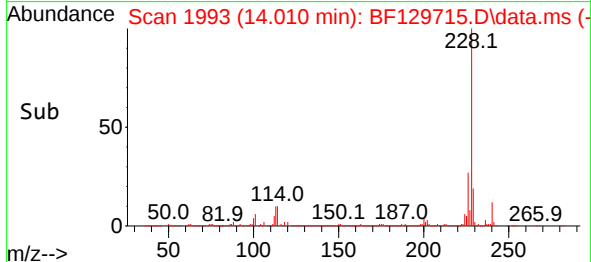
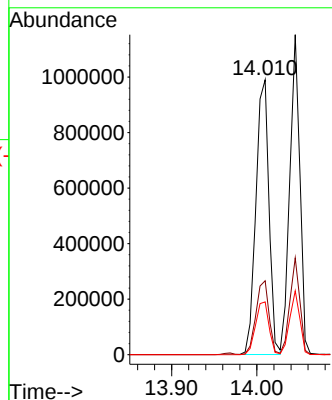
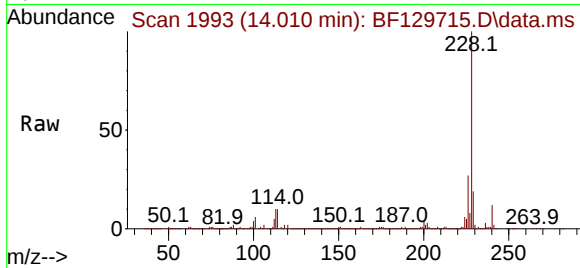




#81
Benzo(a)anthracene
Concen: 39.938 ng
RT: 14.010 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

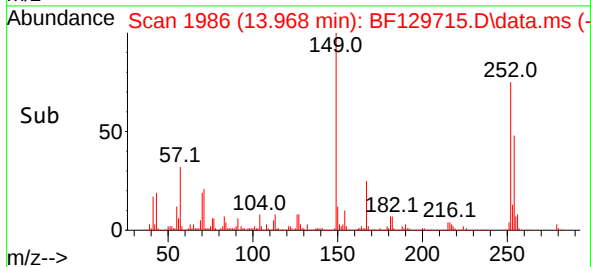
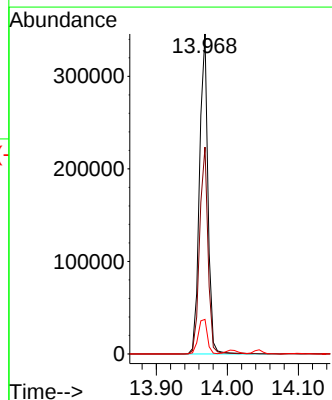
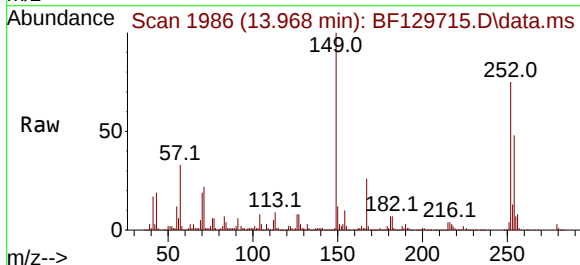
Instrument :
BNA_F
ClientSampleId :
PB146619BS

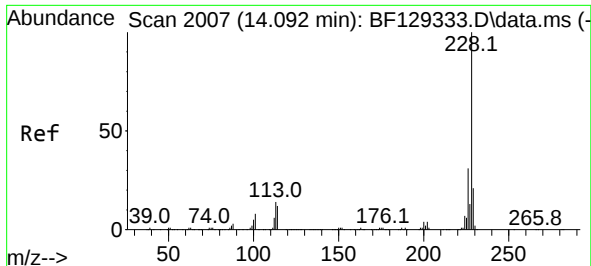
Tgt Ion:228 Resp: 1054038
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 32.762 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:252 Resp: 285483
Ion Ratio Lower Upper
252 100
254 64.7 50.2 75.4
126 10.8 8.2 12.4

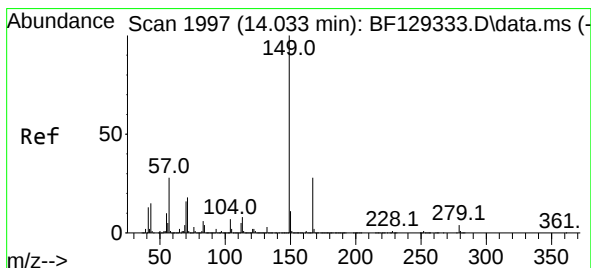
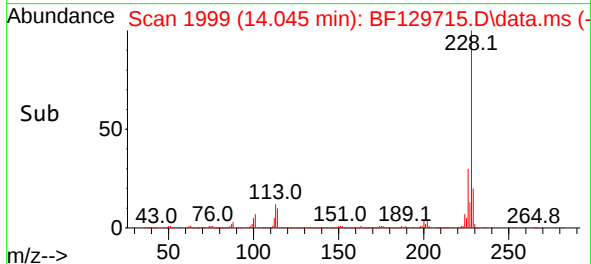
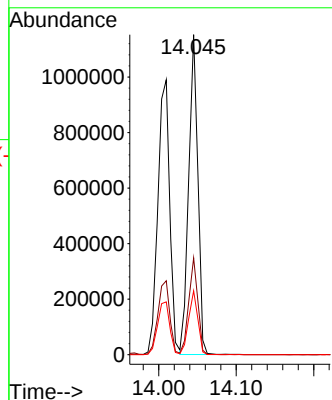
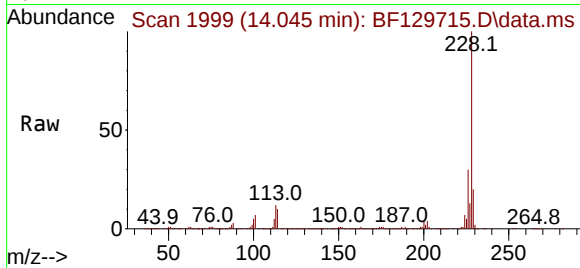




#83
Chrysene
Concen: 38.151 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

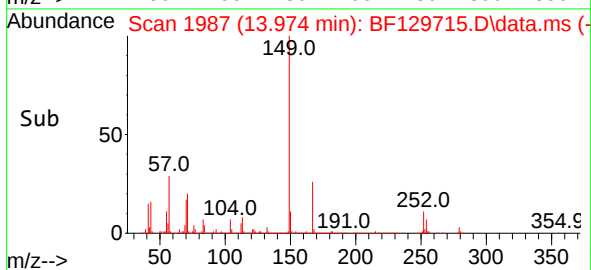
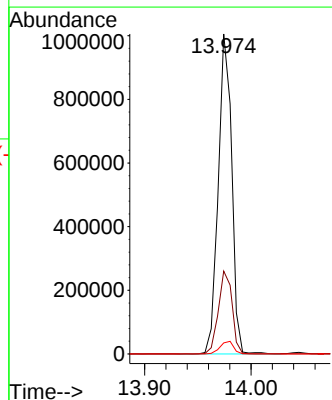
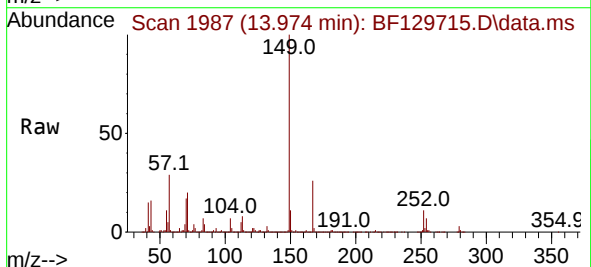
Instrument :
BNA_F
ClientSampleId :
PB146619BS

Tgt Ion:228 Resp: 948928
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.0 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.587 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BF129715.D
Acq: 11 Aug 2022 14:24

Tgt Ion:149 Resp: 877942
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.4
279 3.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 47.441 ng

RT: 14.586 min Scan# 2091

Delta R.T. -0.006 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

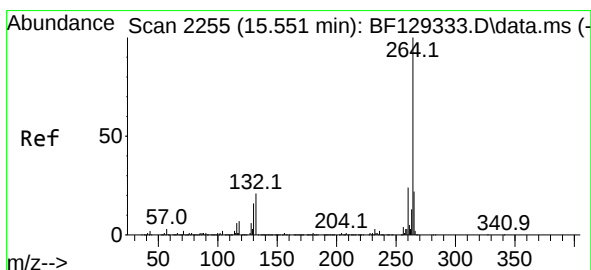
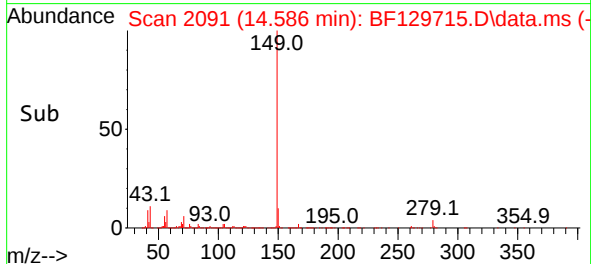
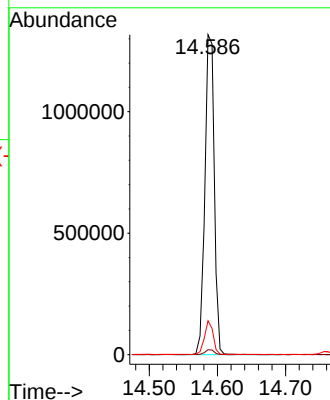
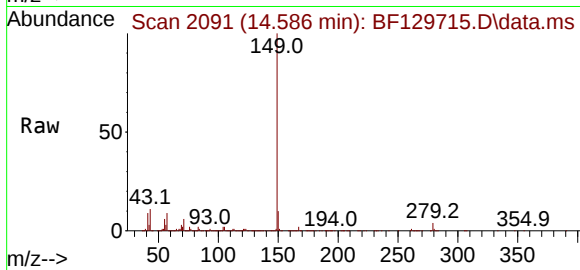
Tgt Ion:149 Resp: 1259519

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.7 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2244

Delta R.T. -0.006 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

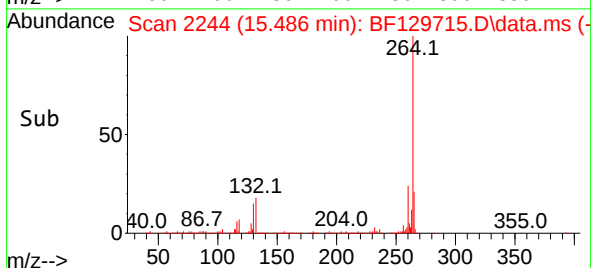
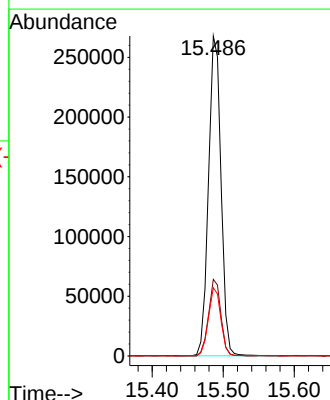
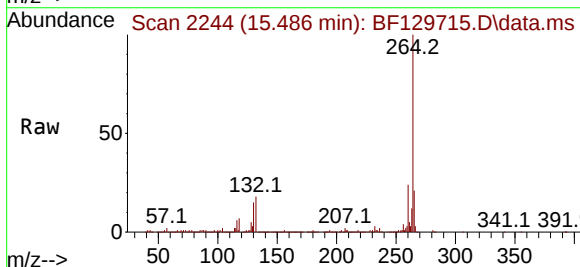
Tgt Ion:264 Resp: 327469

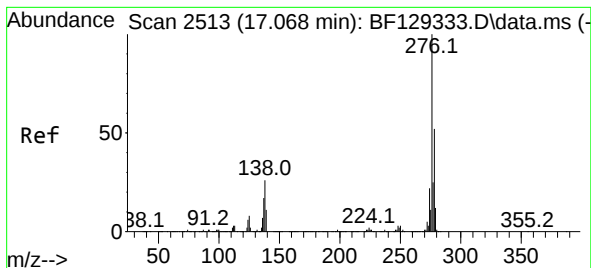
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.384 ng

RT: 16.986 min Scan# 2499

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

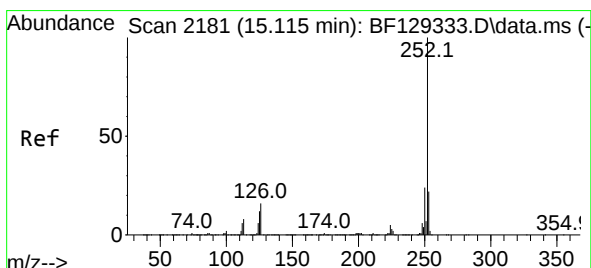
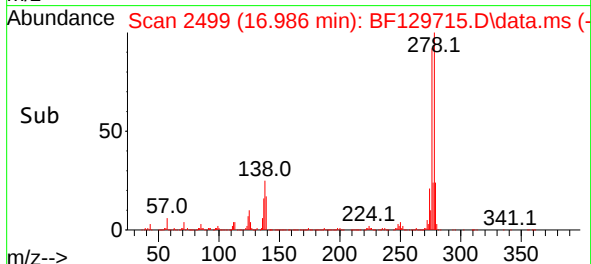
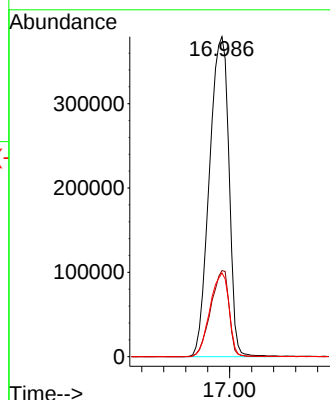
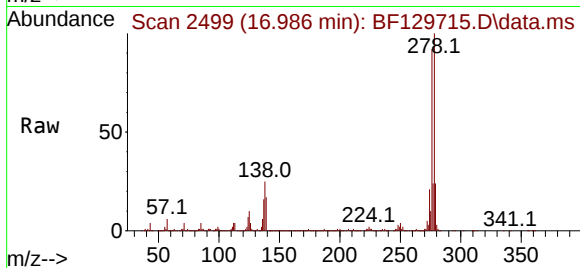
Tgt Ion:276 Resp: 934645

Ion Ratio Lower Upper

276 100

138 25.3 21.1 31.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.904 ng

RT: 15.063 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

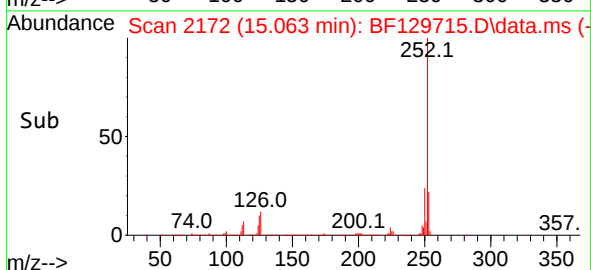
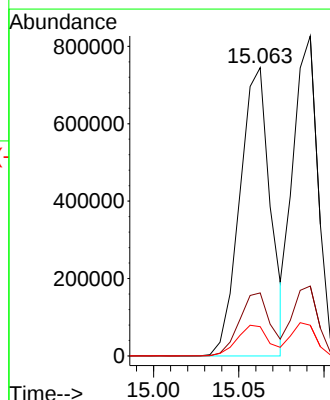
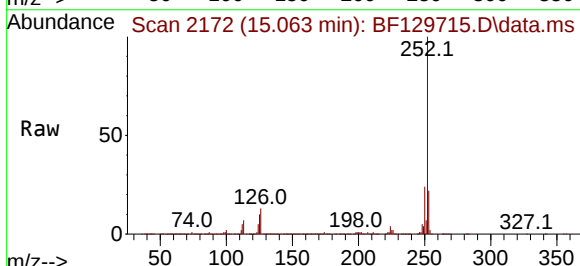
Tgt Ion:252 Resp: 931956

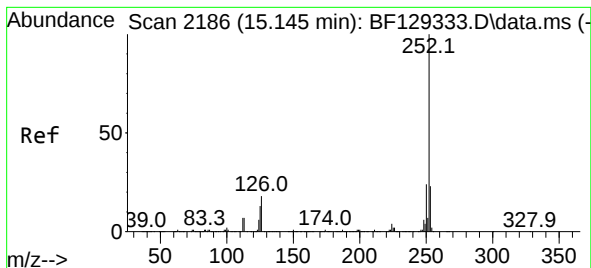
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 39.642 ng

RT: 15.092 min Scan# 2186

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

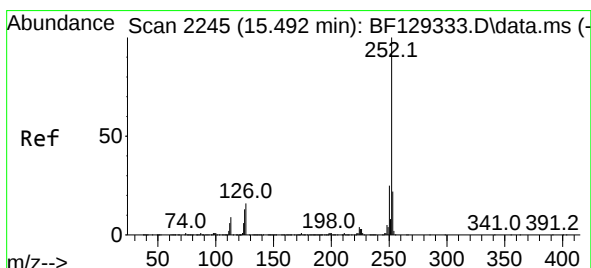
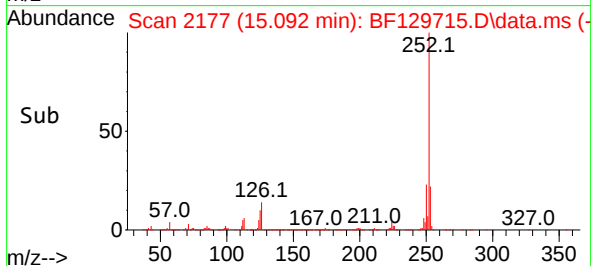
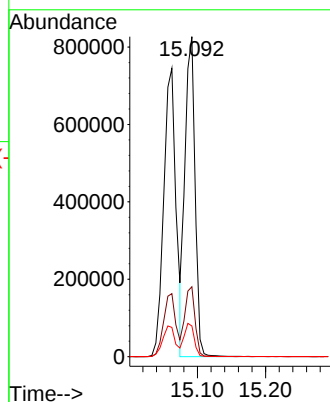
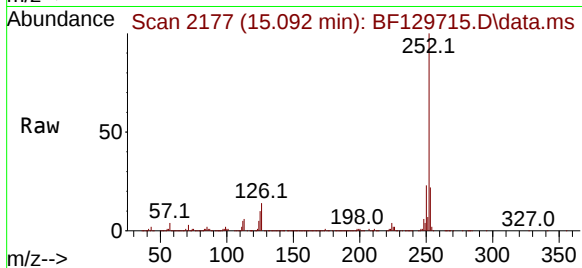
Tgt Ion:252 Resp: 843859

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 9.6 8.3 12.5



#90

Benzo(a)pyrene

Concen: 43.809 ng

RT: 15.427 min Scan# 2234

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

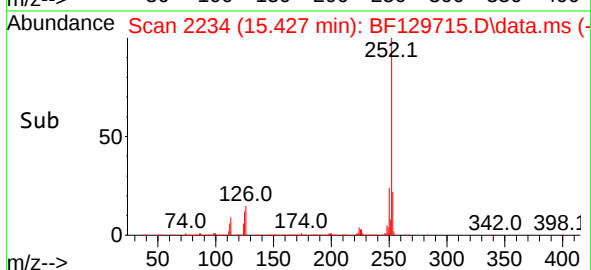
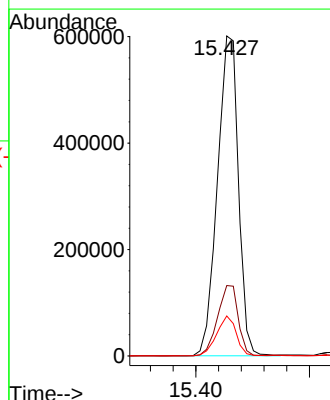
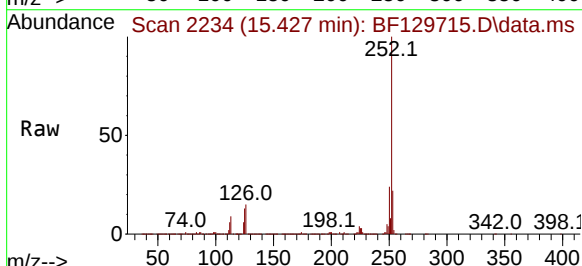
Tgt Ion:252 Resp: 772507

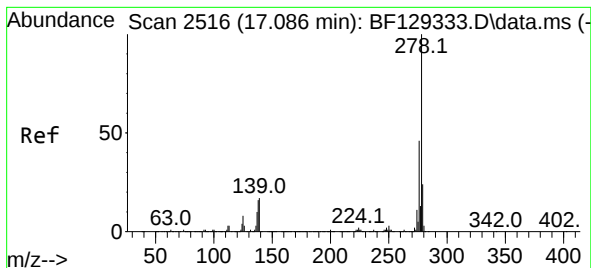
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 12.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 45.369 ng

RT: 16.992 min Scan# 2500

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Instrument :

BNA_F

ClientSampleId :

PB146619BS

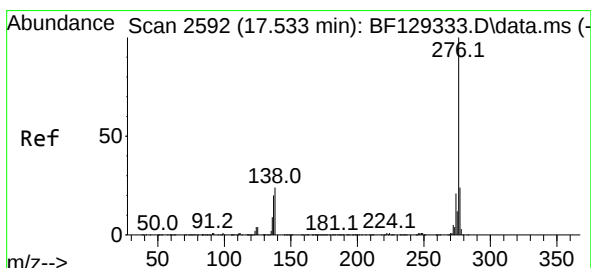
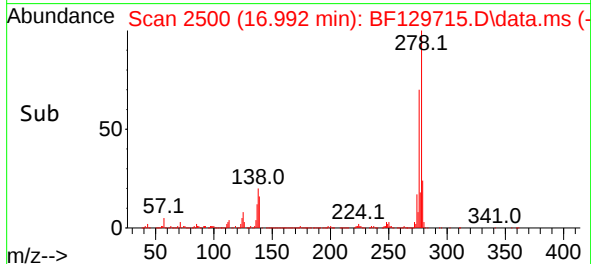
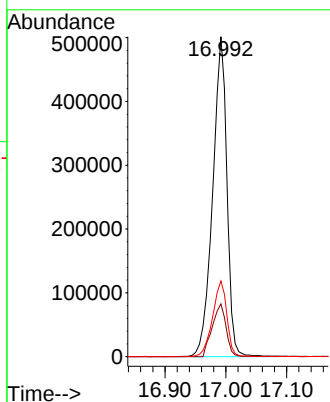
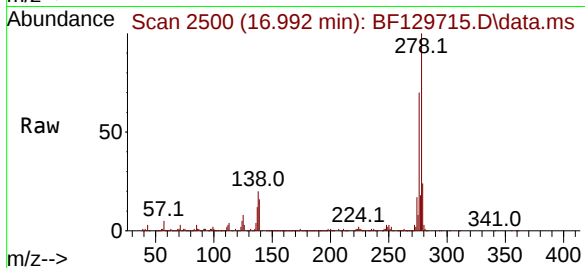
Tgt Ion:278 Resp: 814302

Ion Ratio Lower Upper

278 100

139 16.5 12.8 19.2

279 23.7 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 44.365 ng

RT: 17.433 min Scan# 2575

Delta R.T. -0.000 min

Lab File: BF129715.D

Acq: 11 Aug 2022 14:24

Tgt Ion:276 Resp: 813662

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 22.0 18.0 27.0

