

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129163.D
 Acq On : 07 Jul 2022 17:24
 Operator : CG\JU
 Sample : N3584-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-2716SMS

Quant Time: Jul 07 17:51:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	206274	20.000	ng	-0.01
21) Naphthalene-d8	8.239	136	678460	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	248626	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	263408	20.000	ng	# 0.04
76) Chrysene-d12	14.186	240	500776	20.000	ng	# 0.04
86) Perylene-d12	15.686	264	523621	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1654199	135.579	ng	0.00
7) Phenol-d6	6.581	99	1531027	101.036	ng	0.00
23) Nitrobenzene-d5	7.516	82	1013633	89.113	ng	-0.01
42) 2,4,6-Tribromophenol	10.816	330	392174	145.065	ng	0.02
45) 2-Fluorobiphenyl	9.316	172	1498975	96.452	ng	0.00
79) Terphenyl-d14	13.139	244	1375362	57.034	ng	0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	314325	57.784	ng	# 87
3) Pyridine	3.604	79	802367	60.400	ng	85
4) n-Nitrosodimethylamine	3.546	42	368653	61.252	ng	# 75
6) Aniline	6.622	93	340392	20.086	ng	100
8) 2-Chlorophenol	6.740	128	596864	46.562	ng	93
9) Benzaldehyde	6.504	77	342530	54.441	ng	98
10) Phenol	6.593	94	720806	46.949	ng	95
11) bis(2-Chloroethyl)ether	6.687	93	556539	45.799	ng	91
12) 1,3-Dichlorobenzene	6.898	146	709068	50.249	ng	95
13) 1,4-Dichlorobenzene	6.969	146	725032	50.940	ng	98
14) 1,2-Dichlorobenzene	7.122	146	675786	50.508	ng	98
15) Benzyl Alcohol	7.092	79	541155	50.770	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.222	45	794175	45.758	ng	89
17) 2-Methylphenol	7.198	107	530714	50.878	ng	99
18) Hexachloroethane	7.469	117	248087	49.648	ng	97
19) n-Nitroso-di-n-propyla...	7.363	70	421485	48.083	ng	# 87
20) 3+4-Methylphenols	7.351	107	652502	49.191	ng	89
22) Acetophenone	7.363	105	858067	55.132	ng	# 94
24) Nitrobenzene	7.540	77	631999	57.425	ng	91
25) Isophorone	7.775	82	1118291	58.173	ng	97
26) 2-Nitrophenol	7.851	139	321211	62.798	ng	90
27) 2,4-Dimethylphenol	7.881	122	492605	53.344	ng	100
28) bis(2-Chloroethoxy)met...	7.981	93	677276	51.300	ng	99
29) 2,4-Dichlorophenol	8.092	162	477344	50.679	ng	97
30) 1,2,4-Trichlorobenzene	8.175	180	490112	47.286	ng	97
31) Naphthalene	8.263	128	1592548	51.706	ng	99
32) Benzoic acid	8.010	122	377132	50.902	ng	91
33) 4-Chloroaniline	8.310	127	303151	24.426	ng	94
34) Hexachlorobutadiene	8.375	225	306431	49.513	ng	99
35) Caprolactam	8.728	113	153790	51.490	ng	# 80
36) 4-Chloro-3-methylphenol	8.781	107	482396	50.408	ng	98
37) 2-Methylnaphthalene	8.951	142	940882	45.398	ng	99
38) 1-Methylnaphthalene	9.051	142	870691	43.260	ng	99
40) 1,2,4,5-Tetrachloroben...	9.116	216	425355	60.865	ng	98
41) Hexachlorocyclopentadiene	9.104	237	502777	136.295	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	274060	57.574	ng	97

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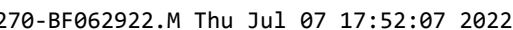
Instrument :
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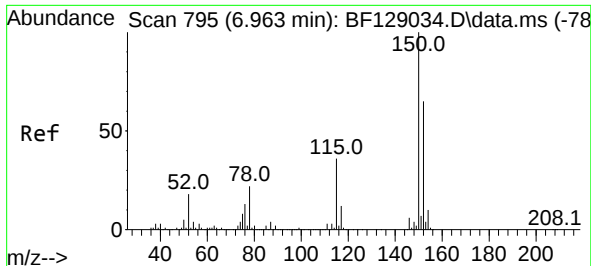
Quant Time: Jul 07 17:51:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	298155	58.886	ng	# 90
46) 1,1'-Biphenyl	9.416	154	1061970	59.413	ng	99
47) 2-Chloronaphthalene	9.445	162	773453	56.034	ng	98
48) 2-Nitroaniline	9.539	65	235873	64.880	ng	# 80
49) Acenaphthylene	9.869	152	1079547	51.471	ng	# 93
50) Dimethylphthalate	9.716	163	871400	56.024	ng	# 91
51) 2,6-Dinitrotoluene	9.781	165	259134	81.530	ng	87
52) Acenaphthene	10.039	154	694124	50.807	ng	98
53) 3-Nitroaniline	9.951	138	168196	44.376	ng	# 65
54) 2,4-Dinitrophenol	10.057	184	125245	73.480	ng	# 83
55) Dibenzofuran	10.216	168	951295	47.819	ng	99
56) 4-Nitrophenol	10.110	139	325999	105.268	ng	# 67
57) 2,4-Dinitrotoluene	10.186	165	232170	59.170	ng	# 81
58) Fluorene	10.569	166	655394	42.591	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.333	232	194111	46.275	ng	# 96
60) Diethylphthalate	10.428	149	672085	43.122	ng	# 84
61) 4-Chlorophenyl-phenyle...	10.439	204	59412	7.749	ng	92
62) 4-Nitroaniline	10.569	138	113882	30.300	ng	95
63) Azobenzene	10.716	77	501104	32.816	ng	82
65) 4,6-Dinitro-2-methylph...	10.598	198	64271	55.152	ng	# 1
66) n-Nitrosodiphenylamine	10.669	169	708283	88.537	ng	97
67) 4-Bromophenyl-phenylether	11.057	248	191612	68.385	ng	# 84
68) Hexachlorobenzene	11.145	284	240081	76.948	ng	# 81
69) Atrazine	11.245	200	159696	70.941	ng	# 9
70) Pentachlorophenol	11.333	266	239549	128.904	ng	98
71) Phenanthrene	11.563	178	676503	53.752	ng	# 75
72) Anthracene	11.622	178	624370	50.318	ng	# 81
73) Carbazole	11.763	167	531715	42.764	ng	# 76
74) Di-n-butylphthalate	12.098	149	665035	50.728	ng	# 86
75) Fluoranthene	12.780	202	893818	67.908	ng	90
77) Benzidine	12.880	184	22008	2.468	ng	# 1
78) Pyrene	13.010	202	972748	28.024	ng	# 94
80) Butylbenzylphthalate	13.592	149	462099	32.678	ng	# 88
81) Benzo(a)anthracene	14.174	228	1567726	51.272	ng	98
82) 3,3'-Dichlorobenzidine	14.127	252	229038	34.667	ng	# 95
83) Chrysene	14.210	228	1469266	51.760	ng	99
84) Bis(2-ethylhexyl)phtha...	14.133	149	872827	46.444	ng	# 90
85) Di-n-octyl phthalate	14.739	149	1796462	64.754	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.245	276	1738771	54.142	ng	98
88) Benzo(b)fluoranthene	15.239	252	1910638	60.673	ng	97
89) Benzo(k)fluoranthene	15.268	252	1817005	59.490	ng	97
90) Benzo(a)pyrene	15.627	252	1701807	66.292	ng	97
91) Dibenzo(a,h)anthracene	17.262	278	1488808	56.869	ng	99
92) Benzo(g,h,i)perylene	17.721	276	1444979	55.014	ng	99

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

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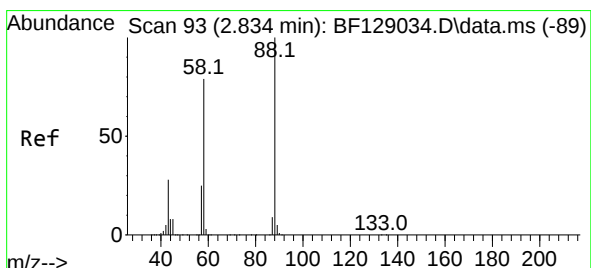
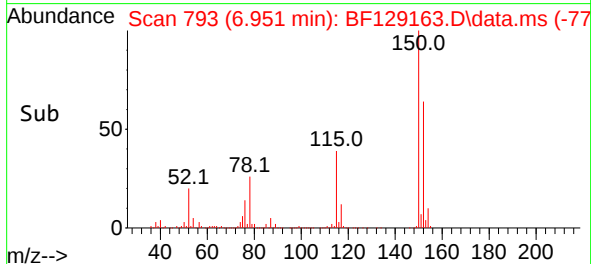
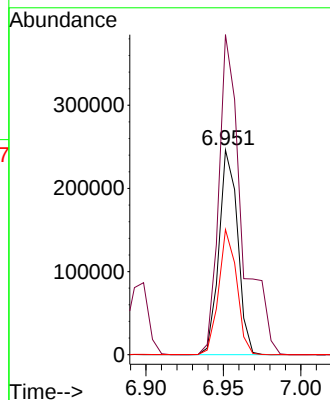
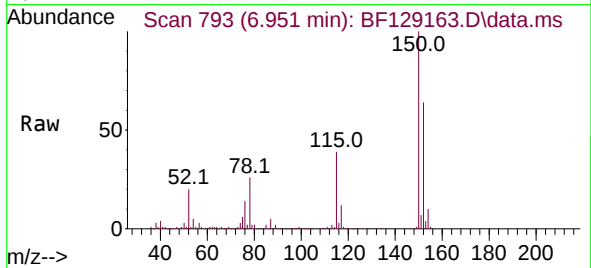




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

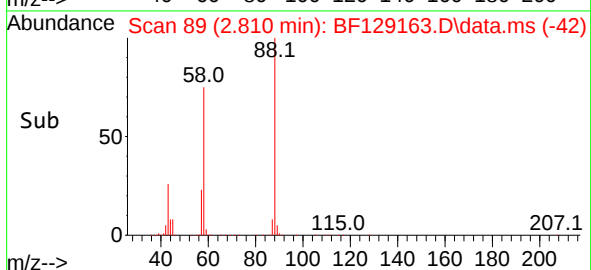
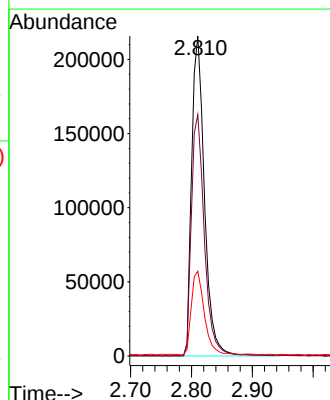
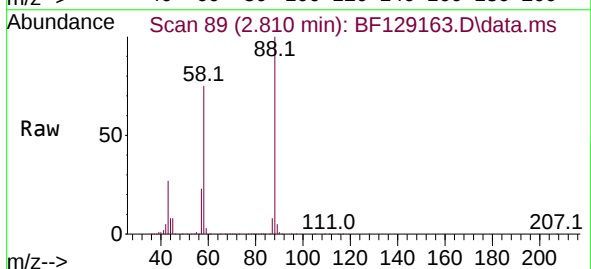
Instrument :
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CHRT-2716SMS

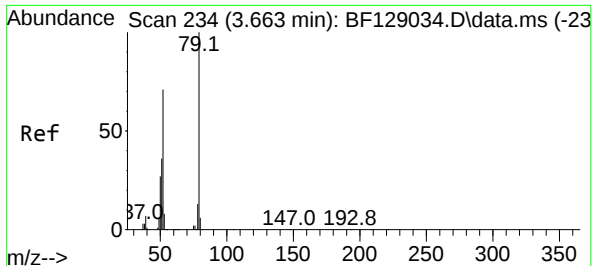
Tgt Ion:152 Resp: 206274
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 61.2 49.9 74.9



#2
1,4-Dioxane
Concen: 57.784 ng
RT: 2.810 min Scan# 89
Delta R.T. -0.024 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion: 88 Resp: 314325
Ion Ratio Lower Upper
88 100
58 76.7 71.8 107.8
43 26.4 26.6 39.8

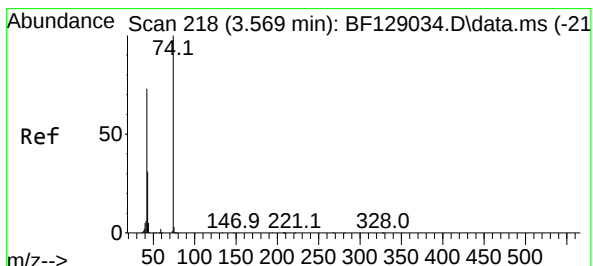
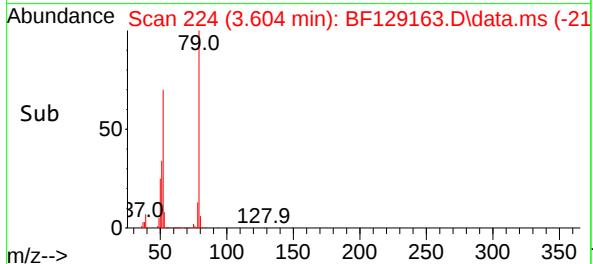
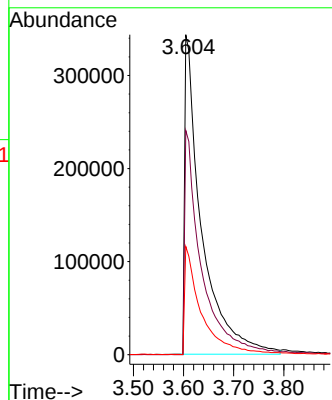
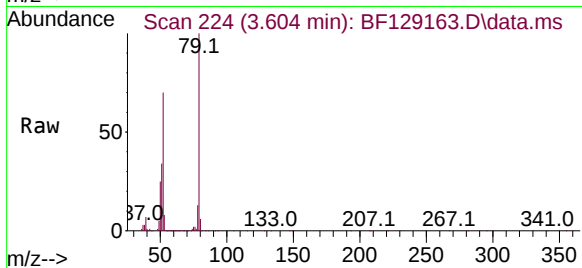




#3
Pyridine
Concen: 60.400 ng
RT: 3.604 min Scan# 214
Delta R.T. -0.059 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

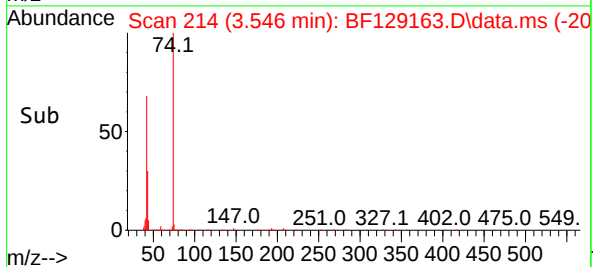
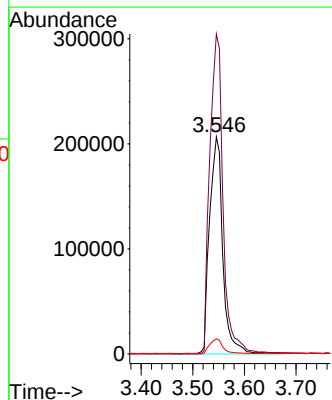
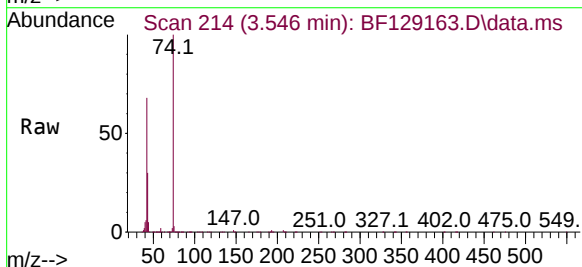
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BNA_F
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CHRT-2716SMS

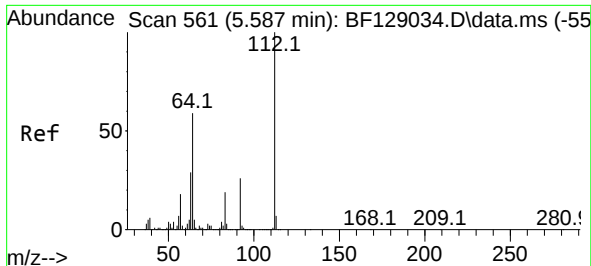
Tgt Ion: 79 Resp: 802367
Ion Ratio Lower Upper
79 100
52 70.0 68.6 102.8
51 33.8 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 61.252 ng
RT: 3.546 min Scan# 214
Delta R.T. -0.024 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion: 42 Resp: 368653
Ion Ratio Lower Upper
42 100
74 147.5 94.8 142.2#
44 7.0 6.6 10.0

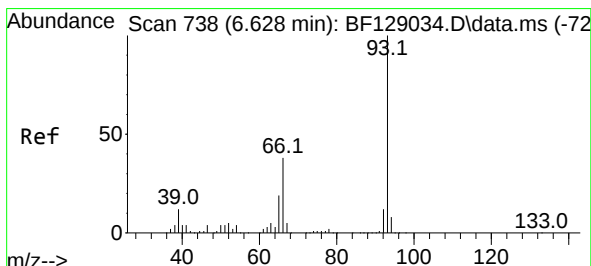
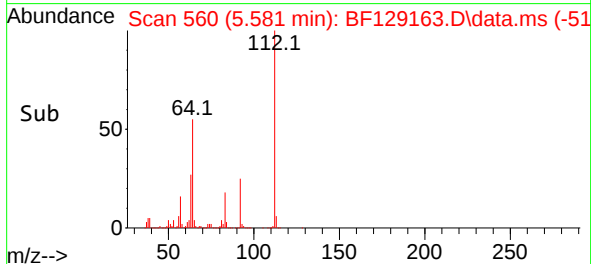
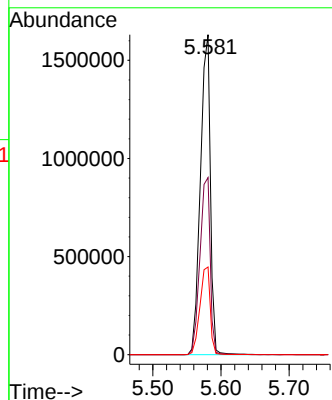
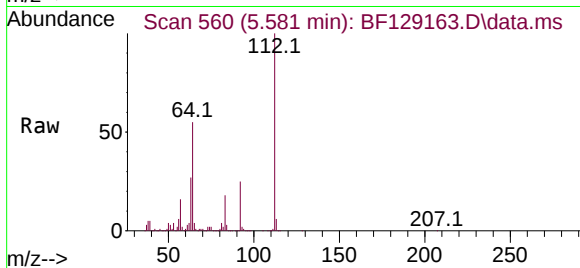




#5
2-Fluorophenol
Concen: 135.579 ng
RT: 5.581 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

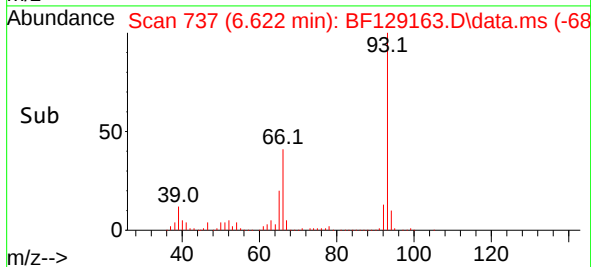
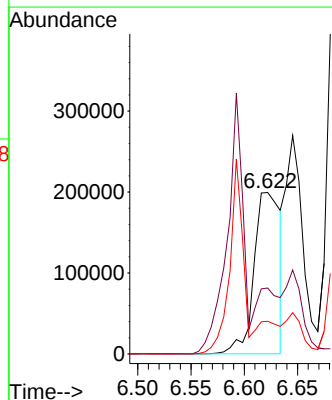
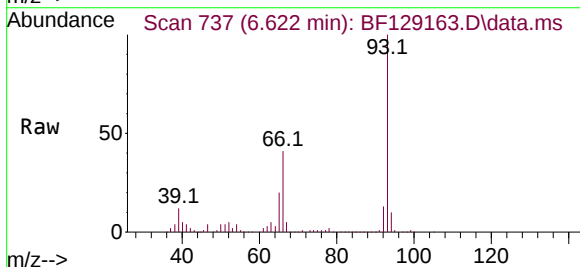
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

Tgt Ion:112 Resp: 1654199
Ion Ratio Lower Upper
112 100
64 55.4 53.3 79.9
63 27.4 28.0 42.0#



#6
Aniline
Concen: 20.086 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion: 93 Resp: 340392
Ion Ratio Lower Upper
93 100
66 40.8 32.5 48.7
65 20.3 16.4 24.6





#7

Phenol-d6

Concen: 101.036 ng

RT: 6.581 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

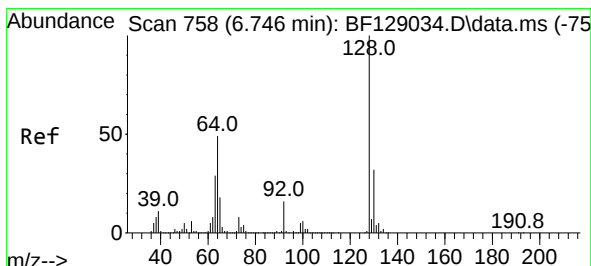
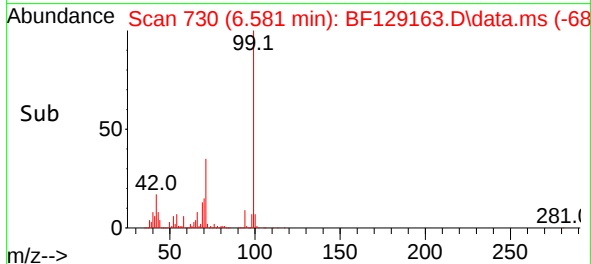
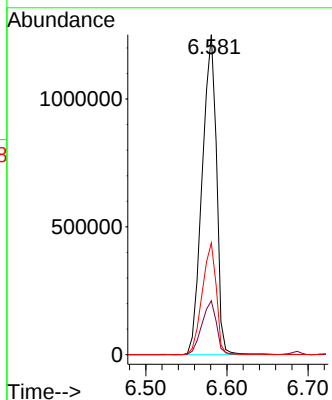
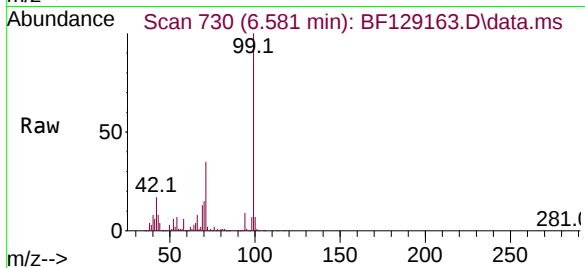
BNA_F

ClientSampleId :

CHRT-2716SMS

Tgt Ion: 99 Resp: 1531027

Ion	Ratio	Lower	Upper
99	100		
42	16.9	17.3	25.9#
71	34.9	28.9	43.3



#8

2-Chlorophenol

Concen: 46.562 ng

RT: 6.740 min Scan# 757

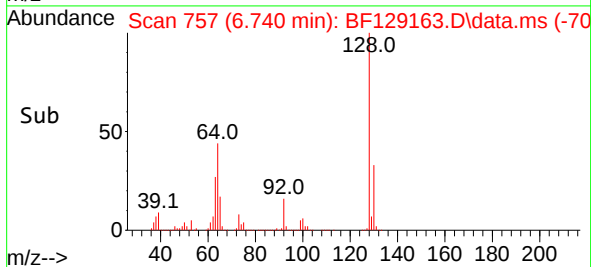
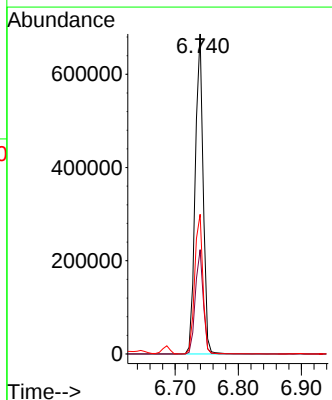
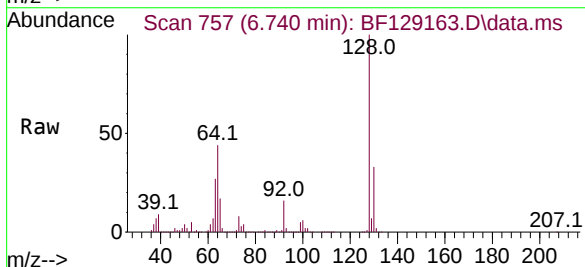
Delta R.T. -0.006 min

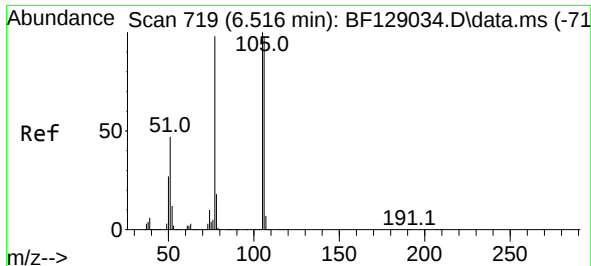
Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Tgt Ion: 128 Resp: 596864

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	43.7	30.9	70.9

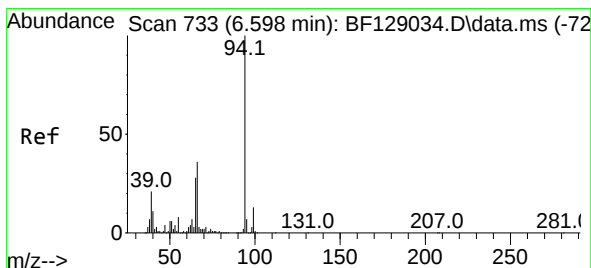
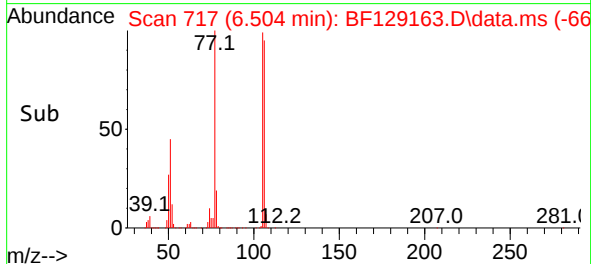
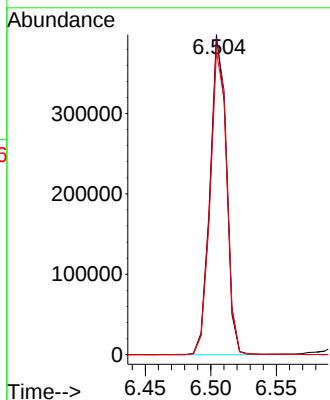
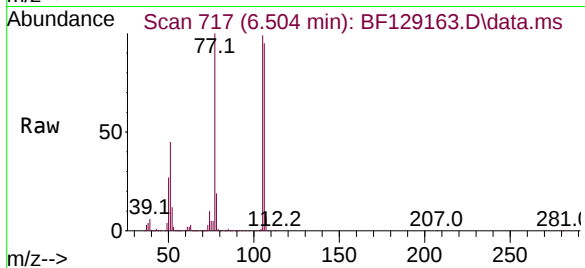




#9
Benzaldehyde
Concen: 54.441 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

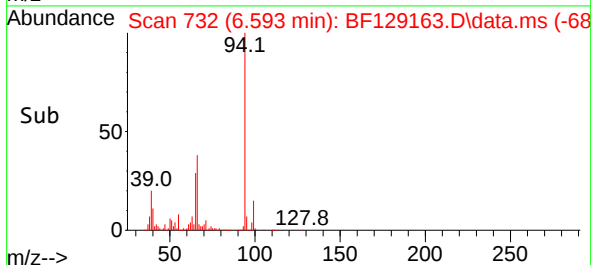
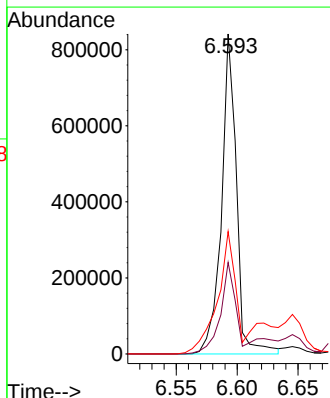
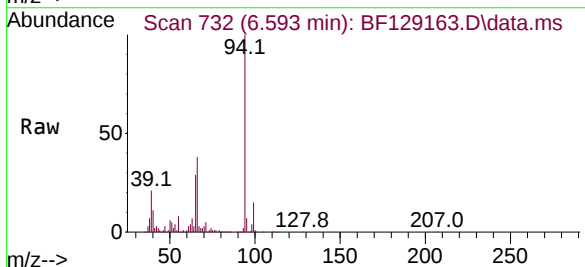
Instrument :
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ClientSampleId :
CHRT-2716SMS

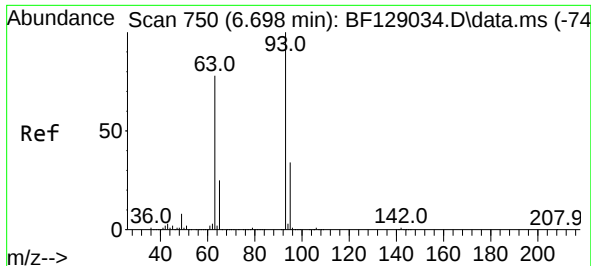
Tgt Ion: 77 Resp: 342530
Ion Ratio Lower Upper
77 100
105 98.8 81.6 121.6
106 94.7 76.1 116.1



#10
Phenol
Concen: 46.949 ng
RT: 6.593 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion: 94 Resp: 720806
Ion Ratio Lower Upper
94 100
65 28.6 11.4 51.4
66 38.3 21.4 61.4

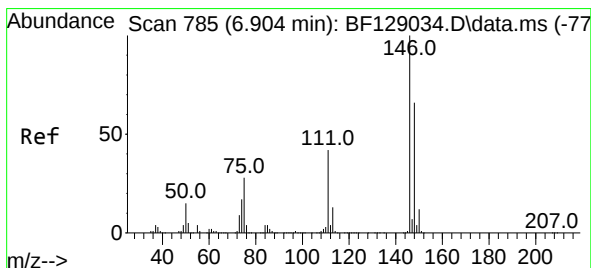
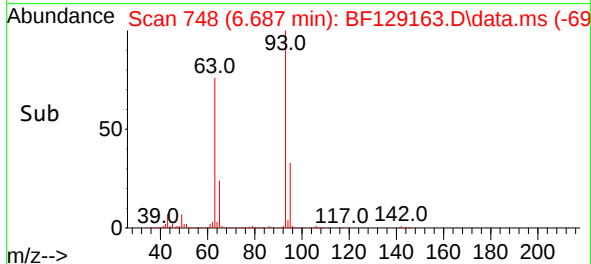
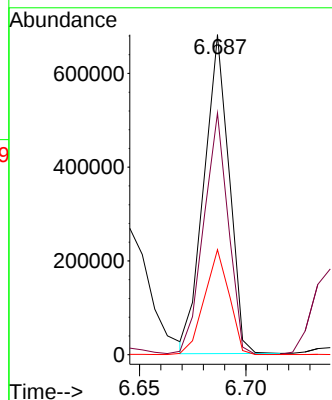
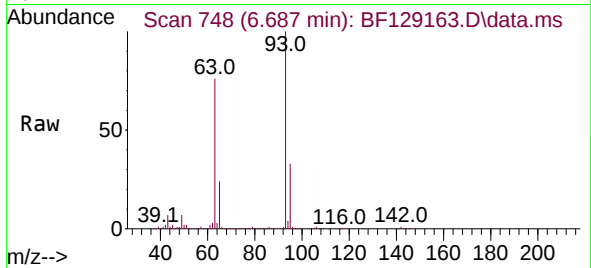




#11
bis(2-Chloroethyl)ether
Concen: 45.799 ng
RT: 6.687 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

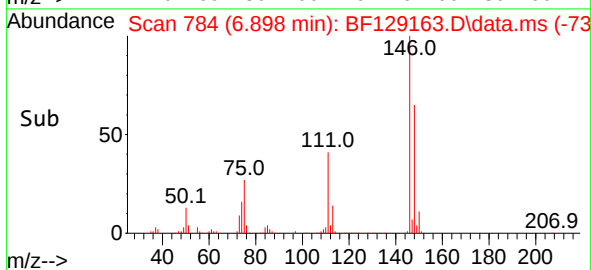
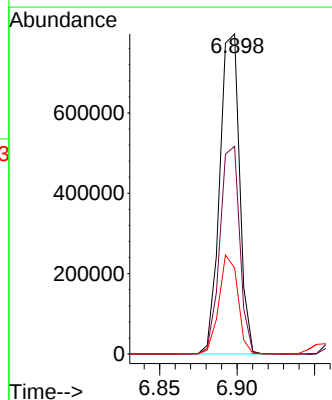
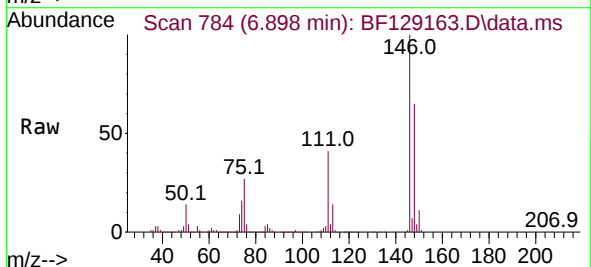
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

Tgt Ion: 93 Resp: 556539
Ion Ratio Lower Upper
93 100
63 75.5 67.4 107.4
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 50.249 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:146 Resp: 709068
Ion Ratio Lower Upper
146 100
148 64.9 50.6 75.8
75 26.9 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 50.940 ng

RT: 6.969 min Scan# 798

Delta R.T. -0.012 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

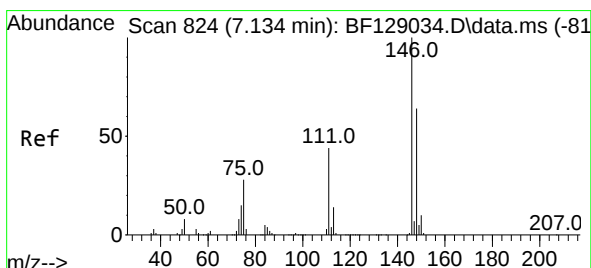
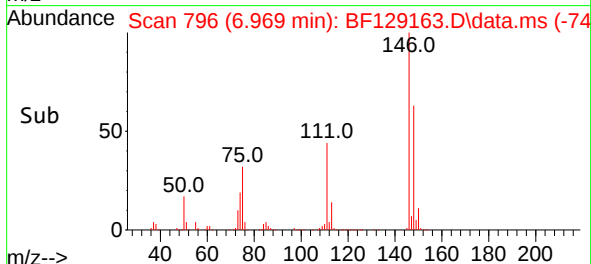
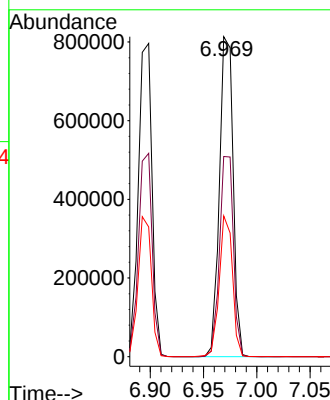
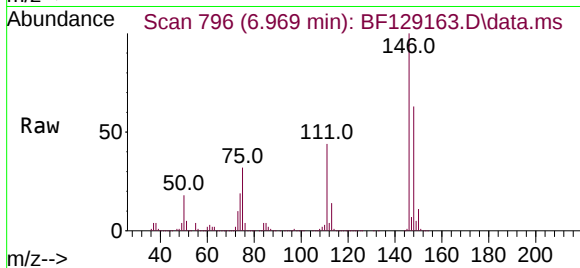
Tgt Ion:146 Resp: 725032

Ion Ratio Lower Upper

146 100

148 62.5 51.1 76.7

111 44.0 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 50.508 ng

RT: 7.122 min Scan# 822

Delta R.T. -0.012 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

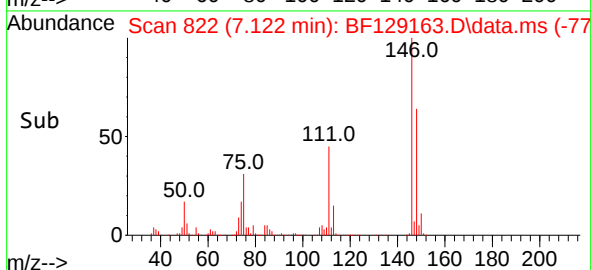
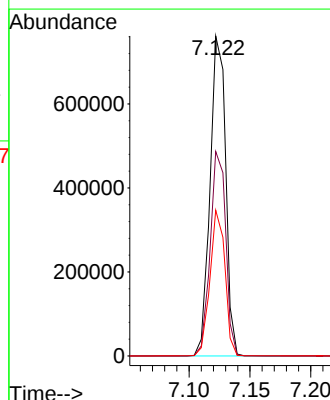
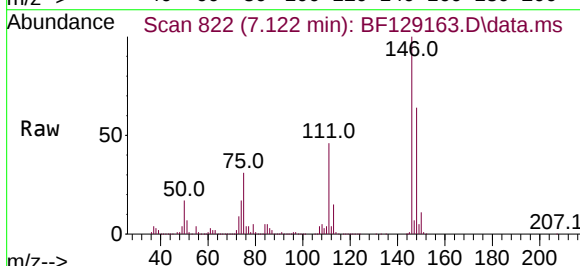
Tgt Ion:146 Resp: 675786

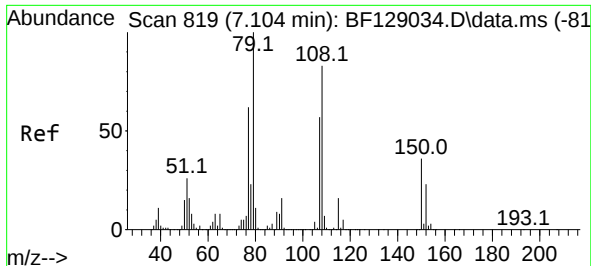
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

111 45.5 35.1 52.7

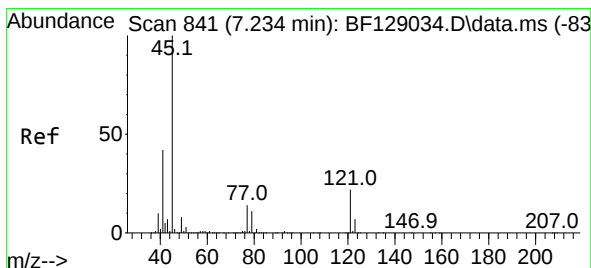
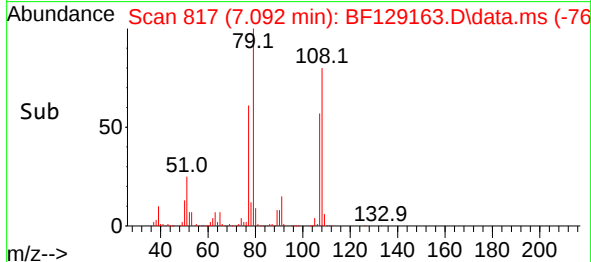
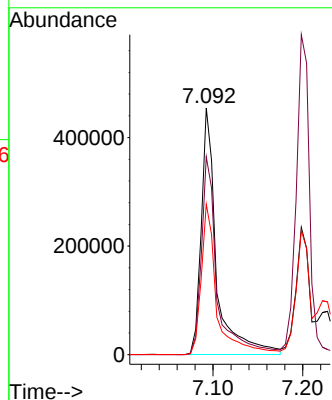
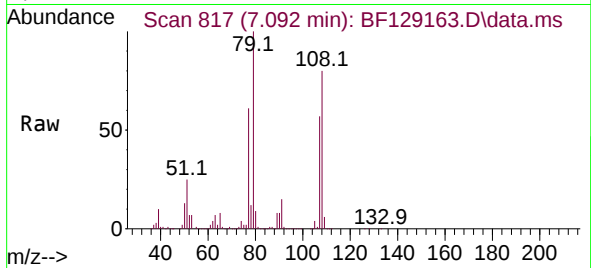




#15
Benzyl Alcohol
Concen: 50.770 ng
RT: 7.092 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

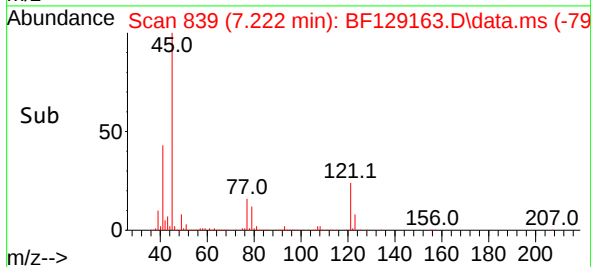
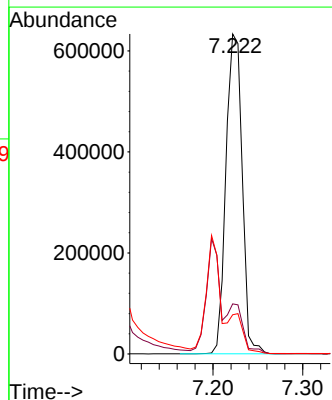
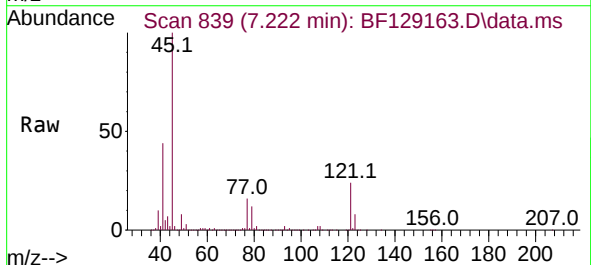
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

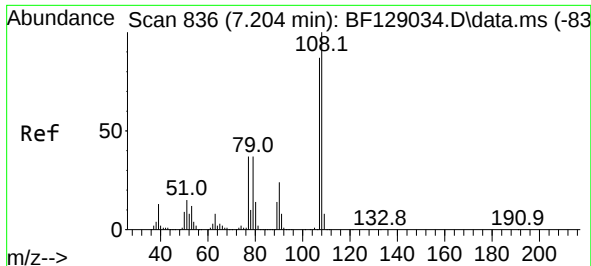
Tgt Ion: 79 Resp: 541155
Ion Ratio Lower Upper
79 100
108 80.2 61.8 92.6
77 61.1 50.2 75.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.758 ng
RT: 7.222 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion: 45 Resp: 794175
Ion Ratio Lower Upper
45 100
77 15.7 0.0 31.3
79 12.2 0.0 28.3

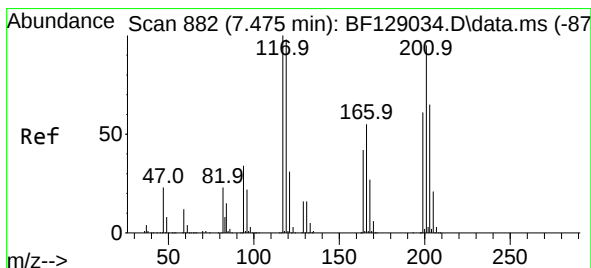
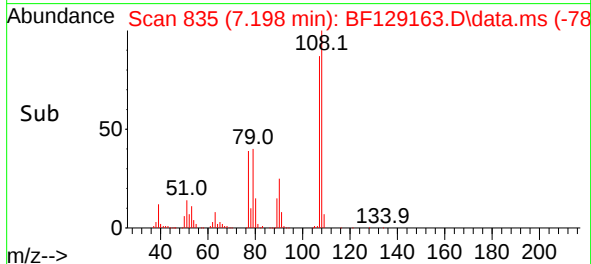
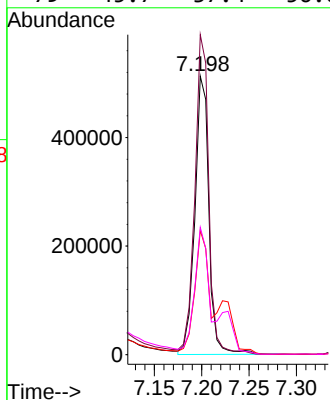
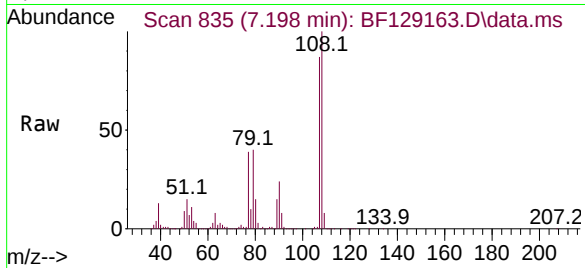




#17
2-Methylphenol
Concen: 50.878 ng
RT: 7.198 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

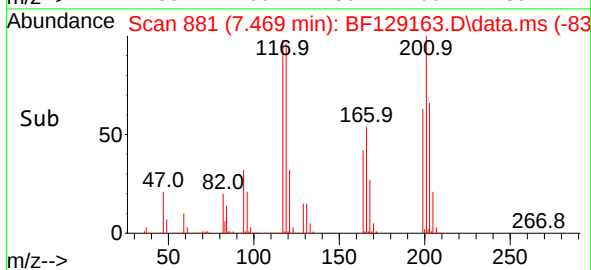
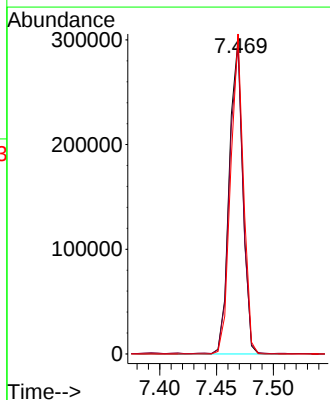
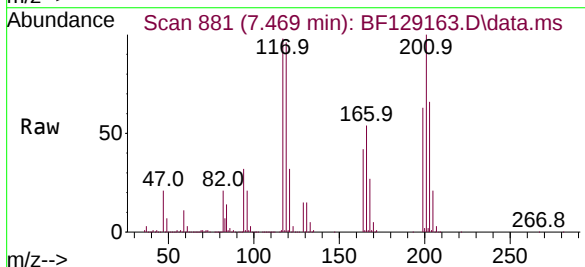
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

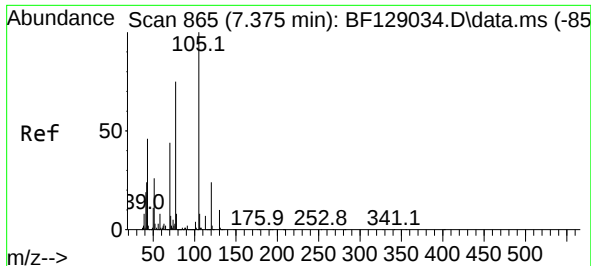
Tgt Ion:	107	Resp:	530714
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.9	137.9
77	44.6	37.8	56.8
79	45.7	37.4	56.0



#18
Hexachloroethane
Concen: 49.648 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:	117	Resp:	248087
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.4	116.2
201	101.7	84.6	127.0

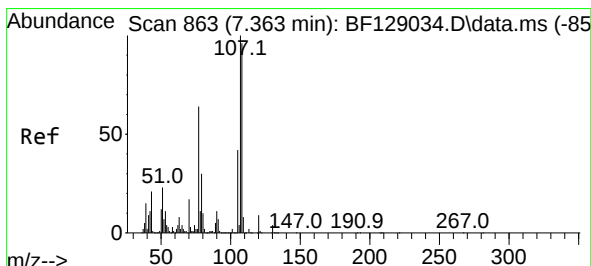
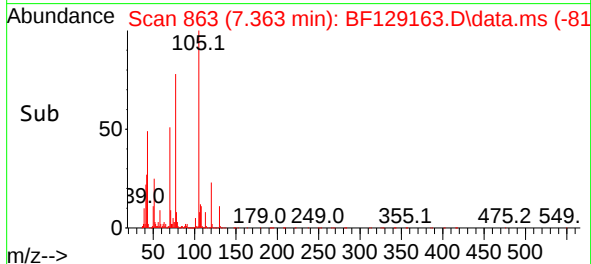
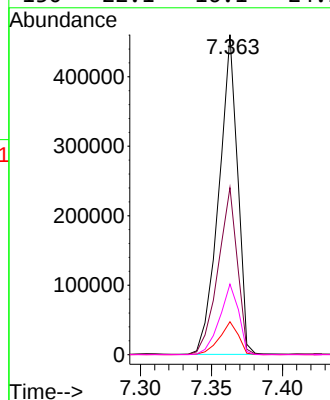
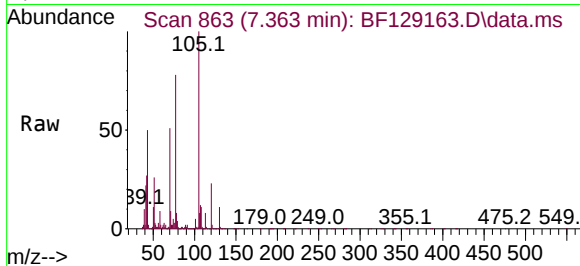




#19
n-Nitroso-di-n-propylamine
Concen: 48.083 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

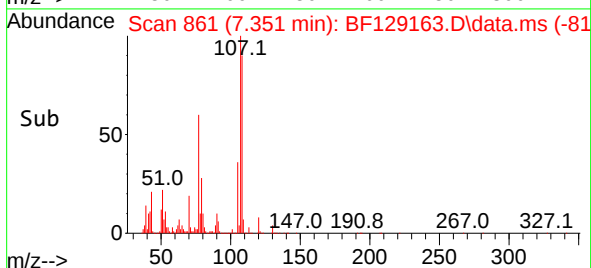
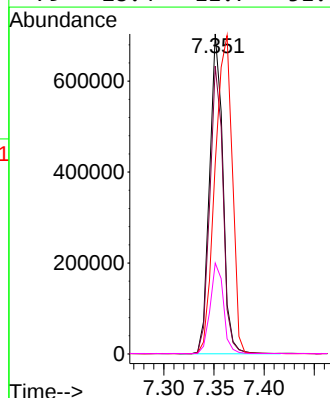
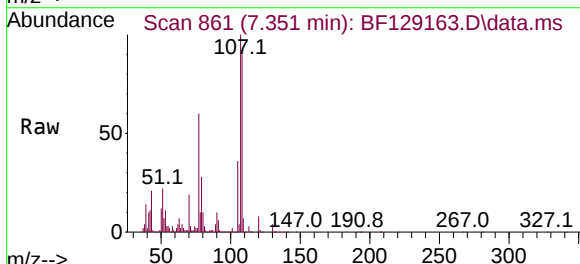
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

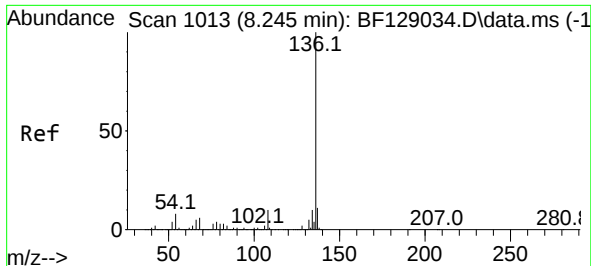
Tgt Ion: 70 Resp: 421485
Ion Ratio Lower Upper
70 100
42 52.2 52.3 78.5#
101 10.3 7.5 11.3
130 22.1 16.1 24.1



#20
3+4-Methylphenols
Concen: 49.191 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

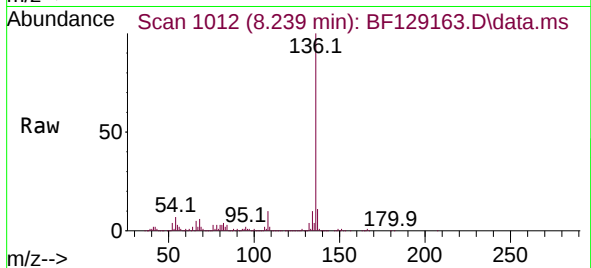
Tgt Ion:107 Resp: 652502
Ion Ratio Lower Upper
107 100
108 89.9 71.8 111.8
77 59.5 59.3 99.3
79 28.4 11.7 51.7



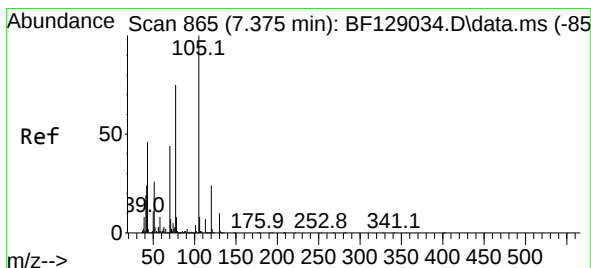
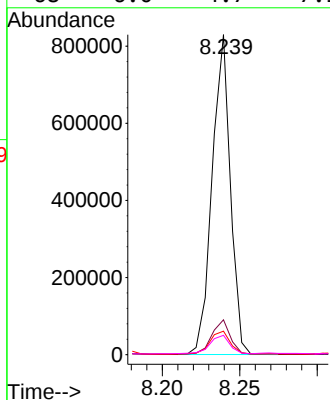
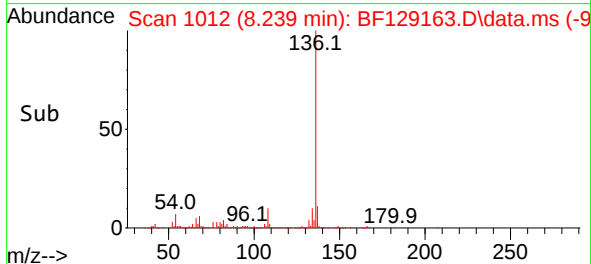


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

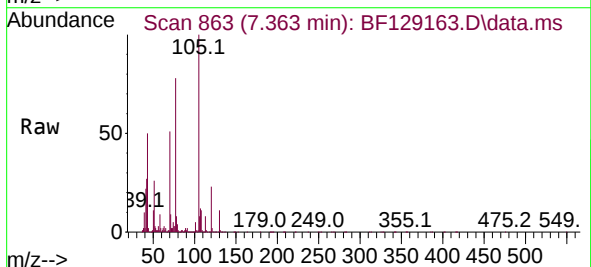
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS



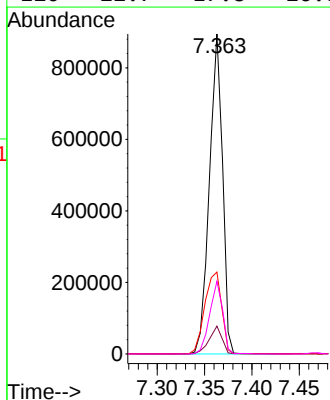
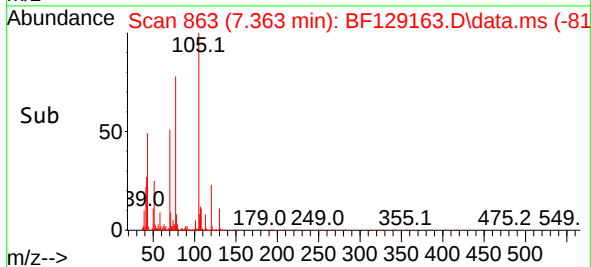
Tgt Ion:136 Resp: 678460
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 7.5 11.3#
68 6.0 4.7 7.1

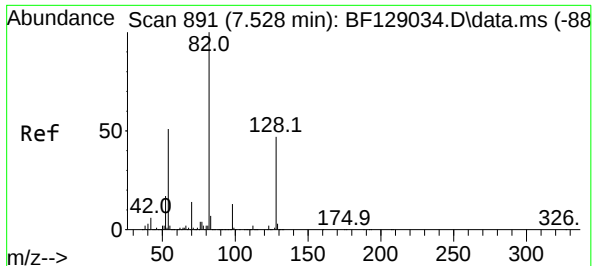


#22
Acetophenone
Concen: 55.132 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24



Tgt Ion:105 Resp: 858067
Ion Ratio Lower Upper
105 100
71 8.7 5.0 7.4#
51 25.6 25.0 37.4
120 22.7 17.8 26.8





#23

Nitrobenzene-d5

Concen: 89.113 ng

RT: 7.516 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

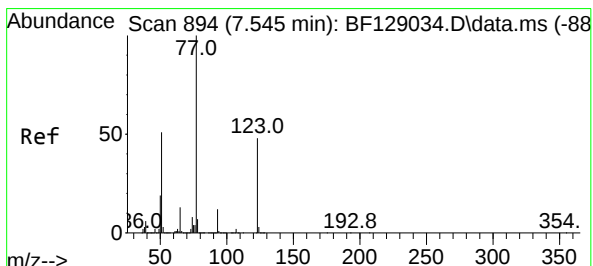
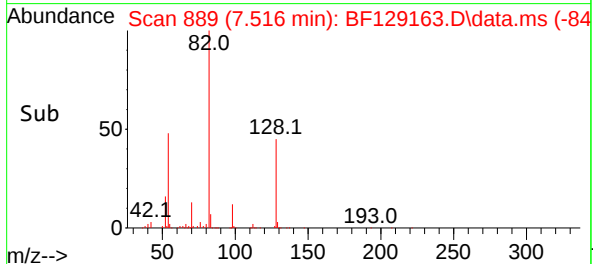
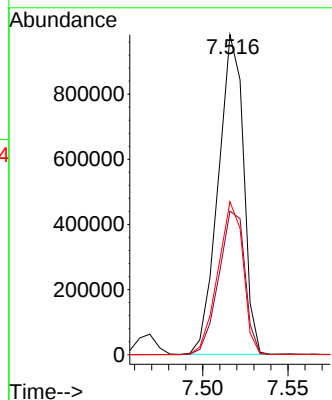
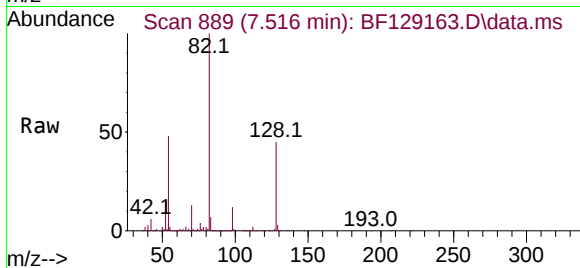
BNA_F

ClientSampleId :

CHRT-2716SMS

Tgt Ion: 82 Resp: 1013633

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	47.8	46.9	70.3



#24

Nitrobenzene

Concen: 57.425 ng

RT: 7.540 min Scan# 893

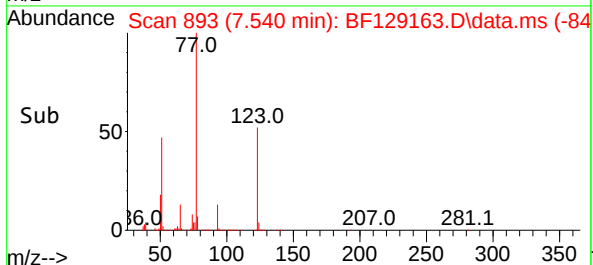
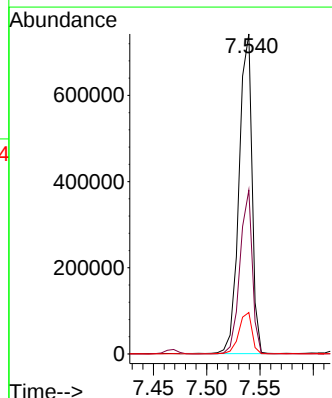
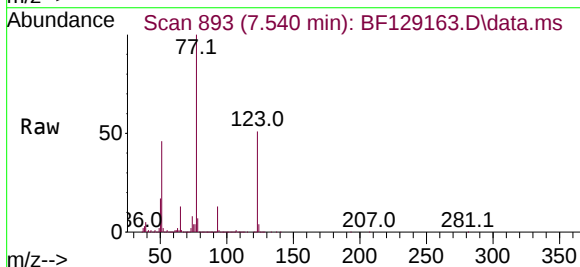
Delta R.T. -0.006 min

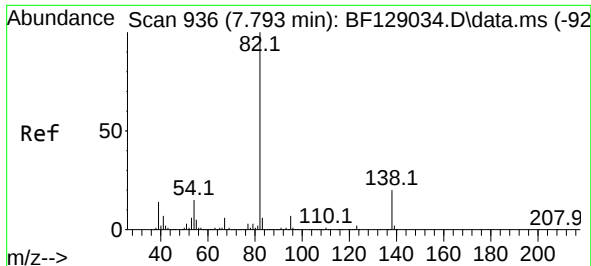
Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Tgt Ion: 77 Resp: 631999

Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.4	53.2
65	13.0	11.8	17.8

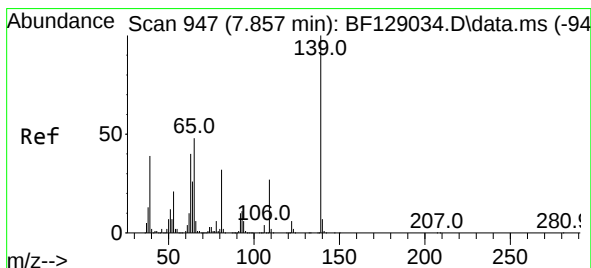
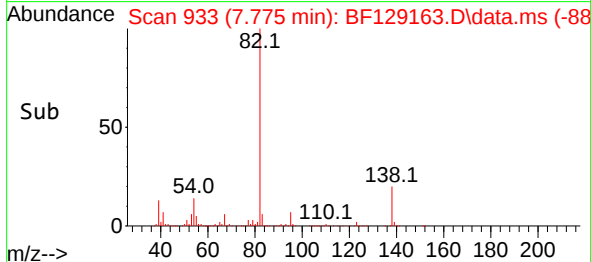
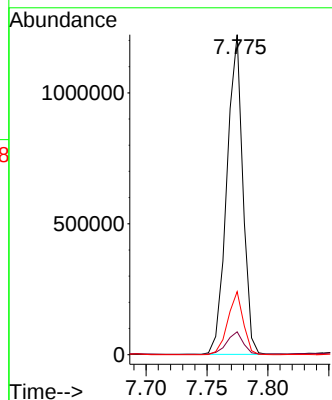
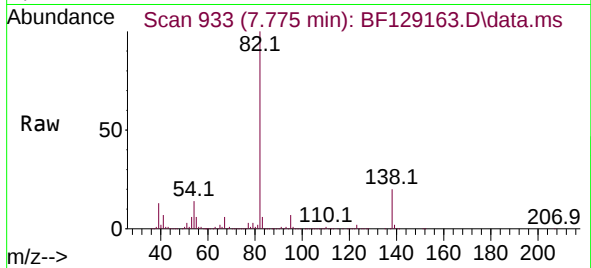




#25
Isophorone
Concen: 58.173 ng
RT: 7.775 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

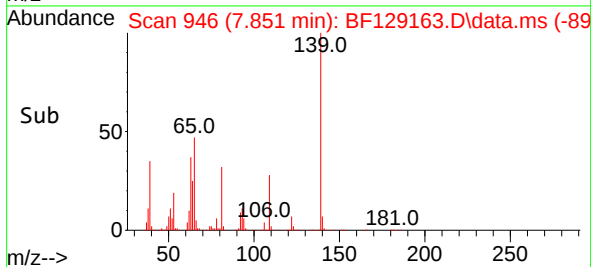
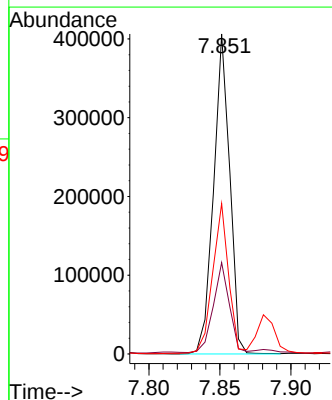
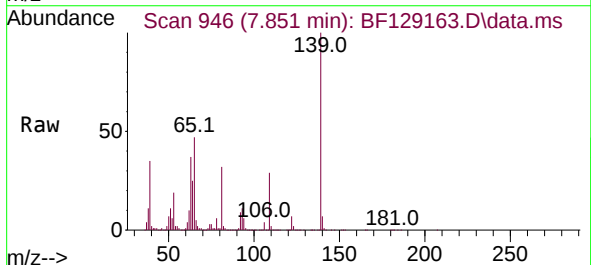
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

Tgt Ion: 82 Resp: 1118291
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.7 14.2 21.2



#26
2-Nitrophenol
Concen: 62.798 ng
RT: 7.851 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion: 139 Resp: 321211
Ion Ratio Lower Upper
139 100
109 28.6 25.0 37.4
65 47.0 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 53.344 ng

RT: 7.881 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

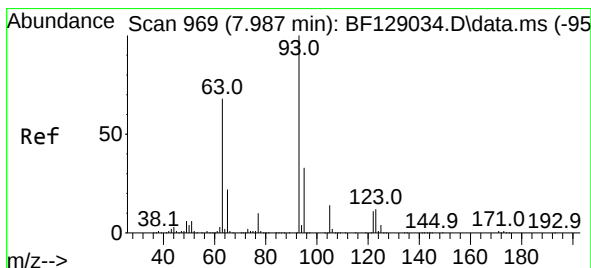
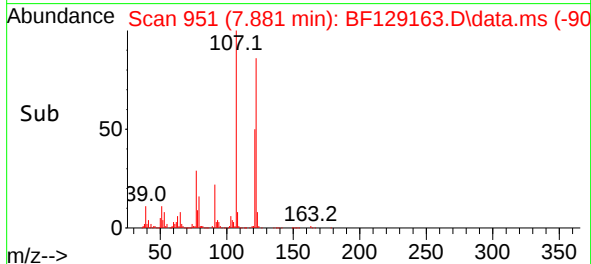
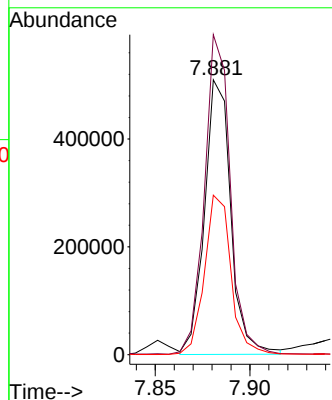
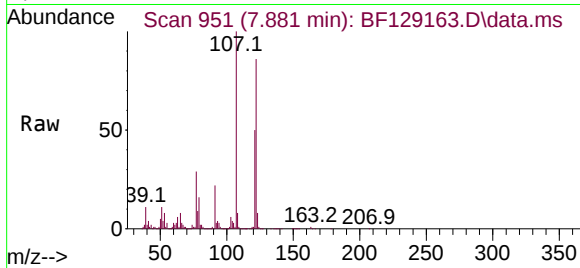
Tgt Ion:122 Resp: 492605

Ion Ratio Lower Upper

122 100

107 116.4 93.0 139.6

121 58.0 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.300 ng

RT: 7.981 min Scan# 968

Delta R.T. -0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

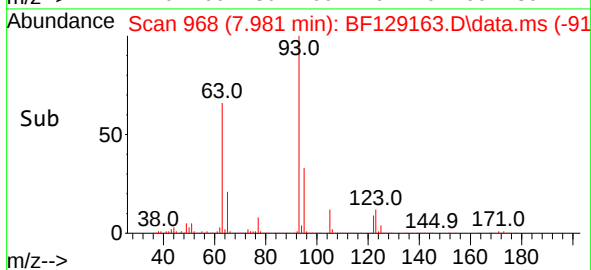
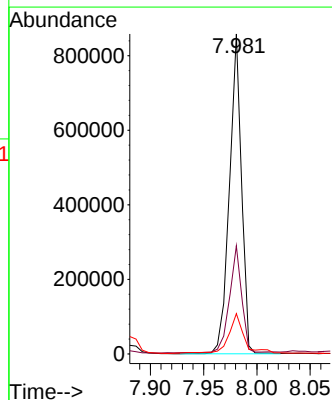
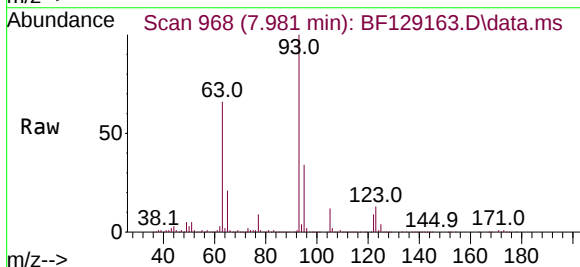
Tgt Ion: 93 Resp: 677276

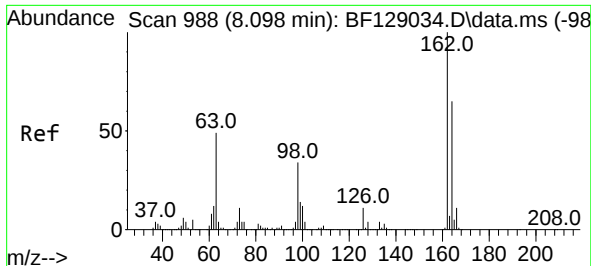
Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

123 12.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.679 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

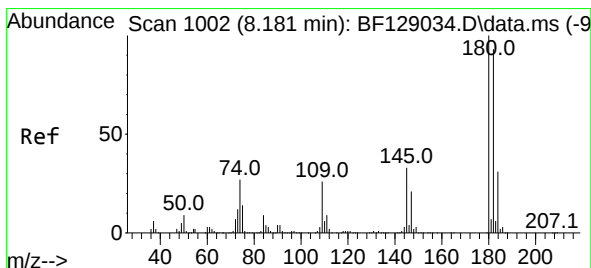
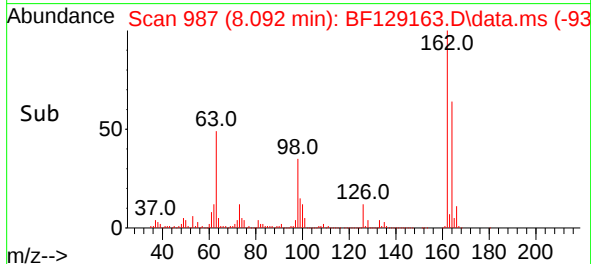
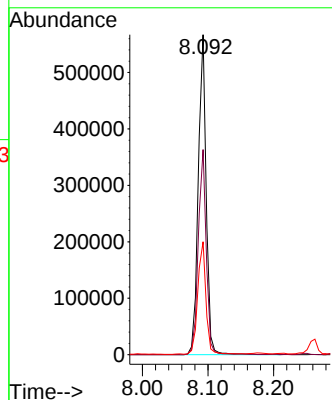
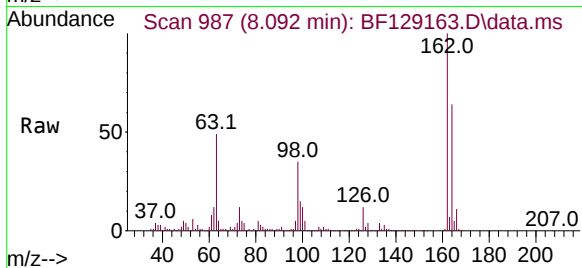
Tgt Ion:162 Resp: 477344

Ion Ratio Lower Upper

162 100

164 64.1 44.2 84.2

98 35.3 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 47.286 ng

RT: 8.175 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

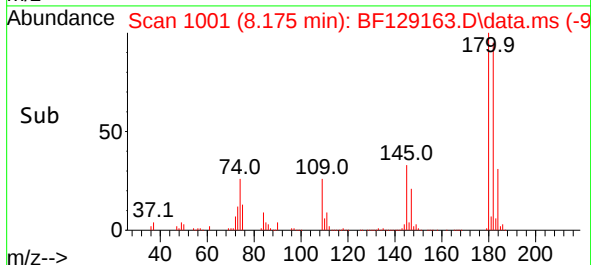
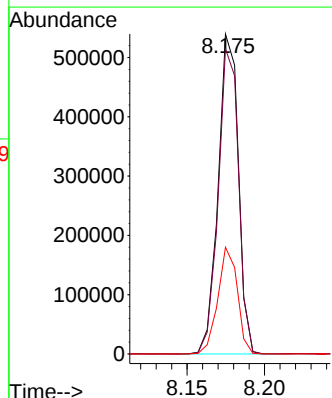
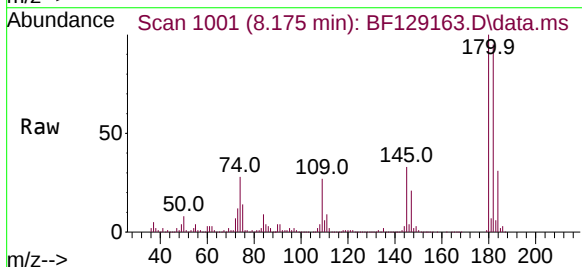
Tgt Ion:180 Resp: 490112

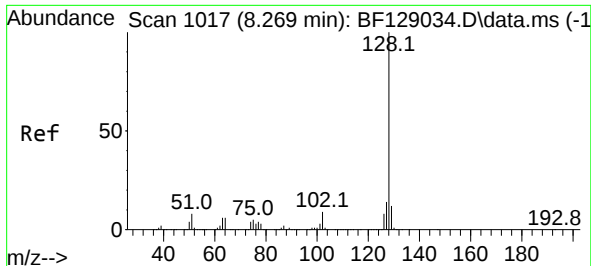
Ion Ratio Lower Upper

180 100

182 95.4 79.2 118.8

145 33.4 26.2 39.2

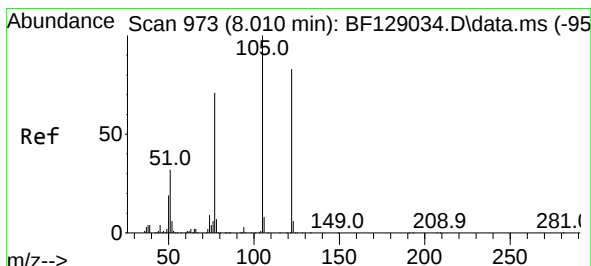
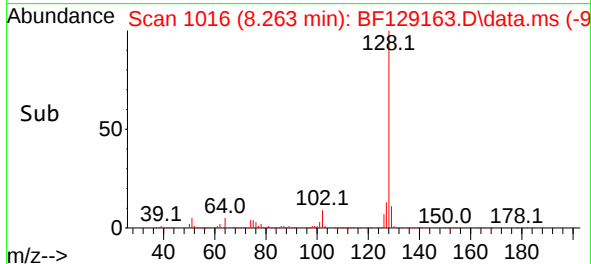
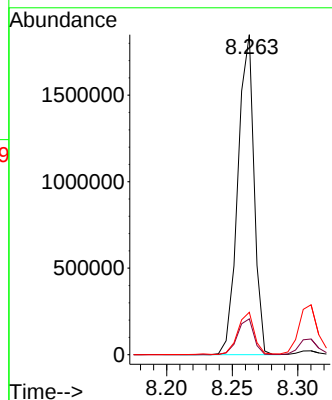
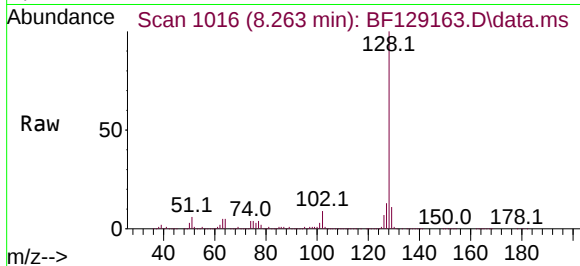




#31
Naphthalene
Concen: 51.706 ng
RT: 8.263 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

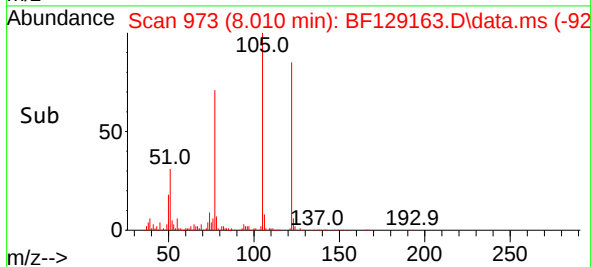
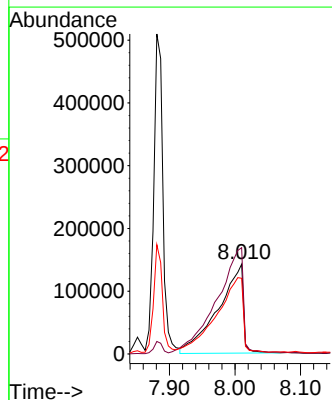
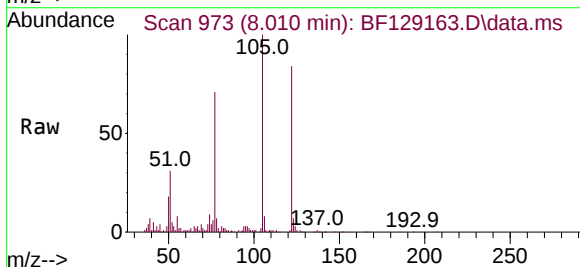
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

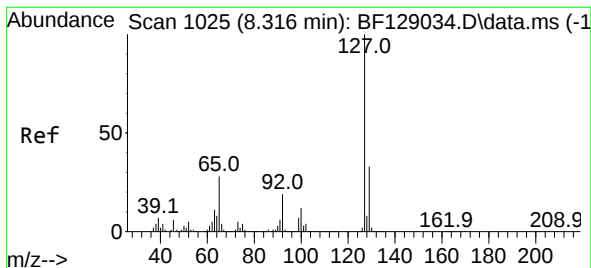
Tgt Ion:128 Resp: 1592548
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 50.902 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:122 Resp: 377132
Ion Ratio Lower Upper
122 100
105 118.4 107.1 147.1
77 84.4 74.2 114.2





#33

4-Chloroaniline

Concen: 24.426 ng

RT: 8.310 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

Tgt Ion:127 Resp: 303151

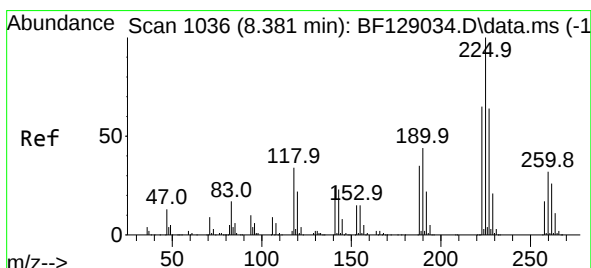
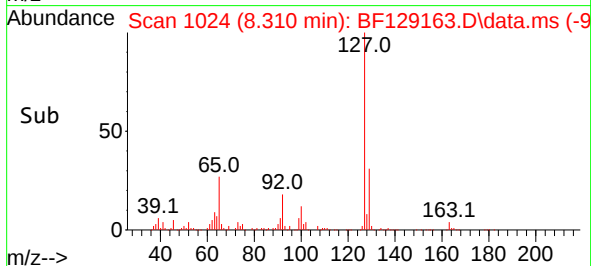
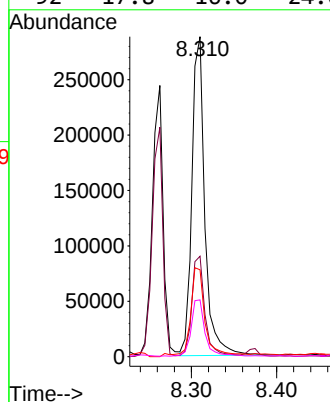
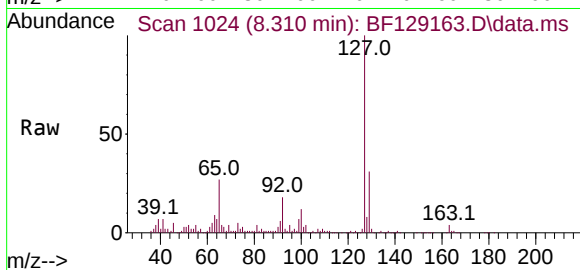
Ion Ratio Lower Upper

127 100

129 31.4 26.4 39.6

65 27.1 26.4 39.6

92 17.8 16.0 24.0



#34

Hexachlorobutadiene

Concen: 49.513 ng

RT: 8.375 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

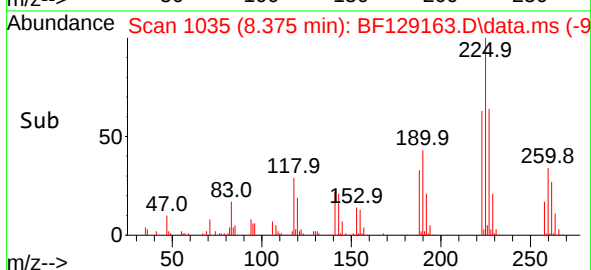
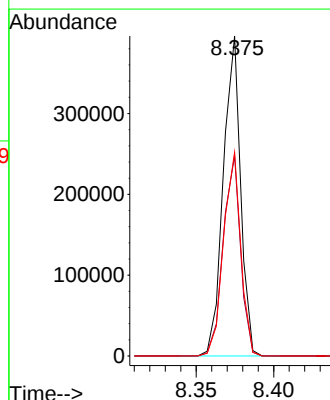
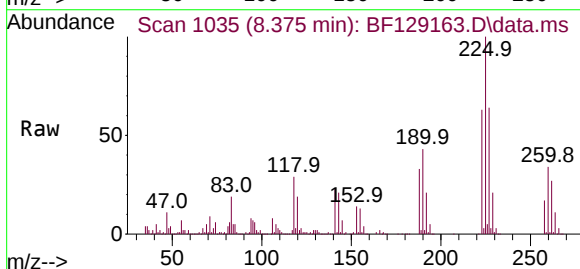
Tgt Ion:225 Resp: 306431

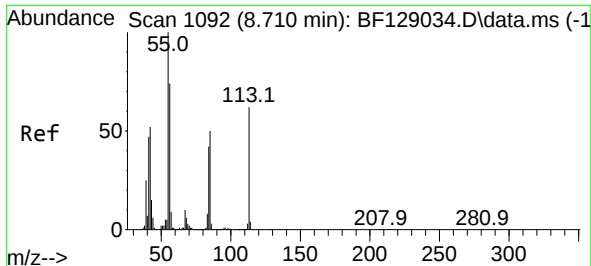
Ion Ratio Lower Upper

225 100

223 62.6 51.0 76.6

227 63.7 51.1 76.7

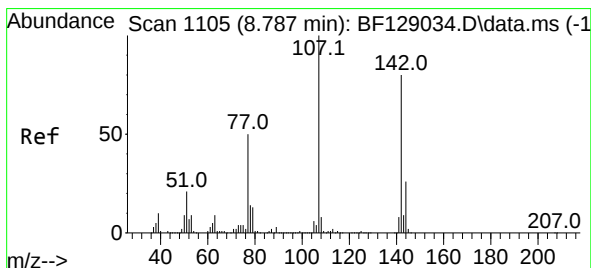
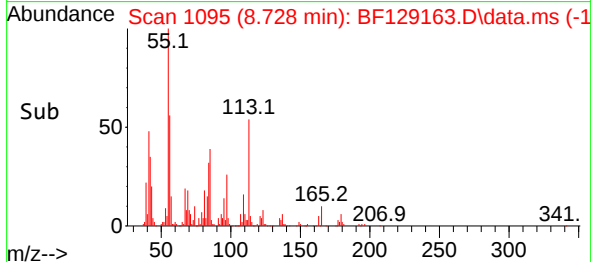
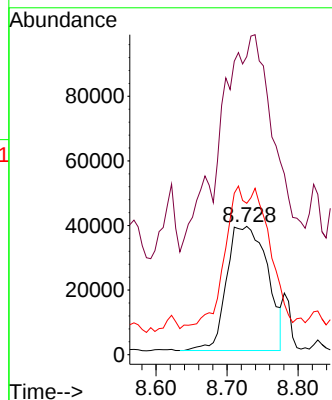
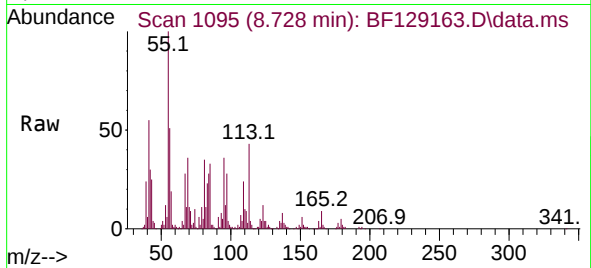




#35
Caprolactam
Concen: 51.490 ng
RT: 8.728 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

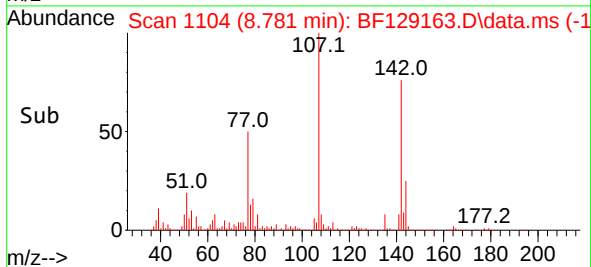
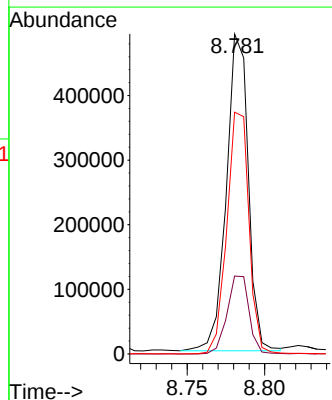
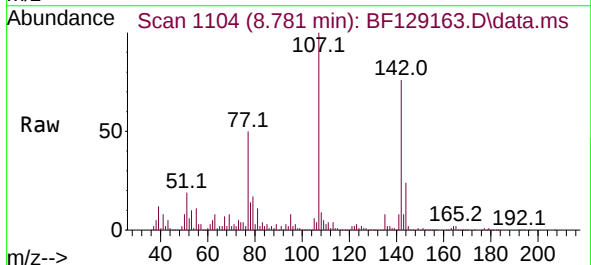
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

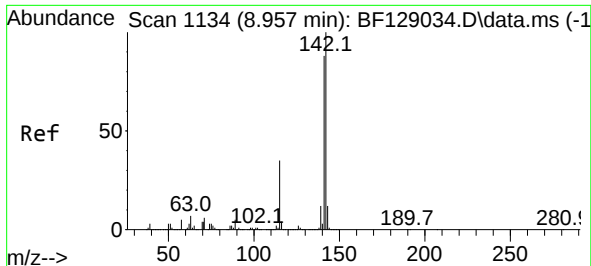
Tgt Ion:113 Resp: 153790
Ion Ratio Lower Upper
113 100
55 232.4 188.5 228.5#
56 118.0 130.6 170.6#



#36
4-Chloro-3-methylphenol
Concen: 50.408 ng
RT: 8.781 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:107 Resp: 482396
Ion Ratio Lower Upper
107 100
144 24.4 19.5 29.3
142 75.5 58.2 87.4

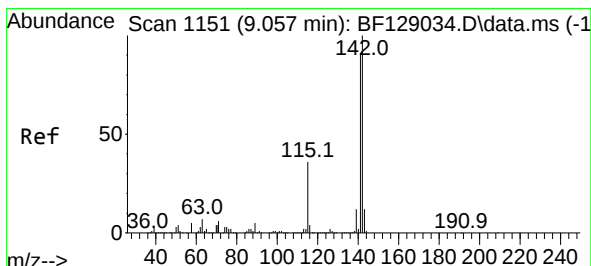
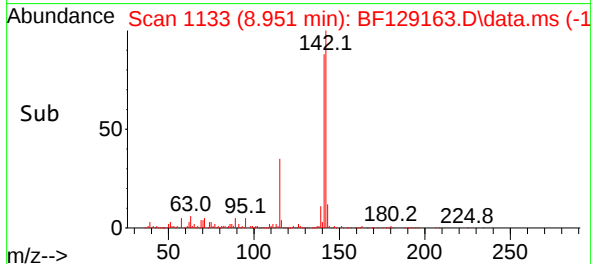
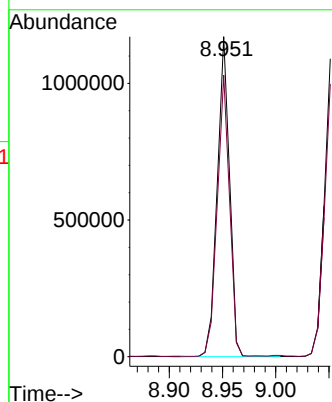
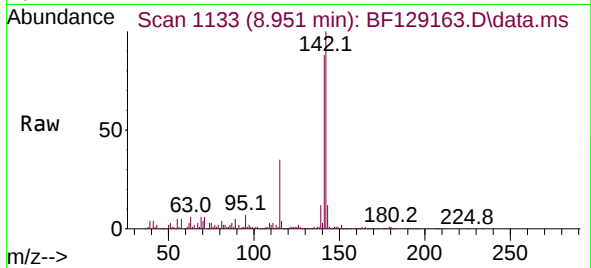




#37
2-Methylnaphthalene
Concen: 45.398 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

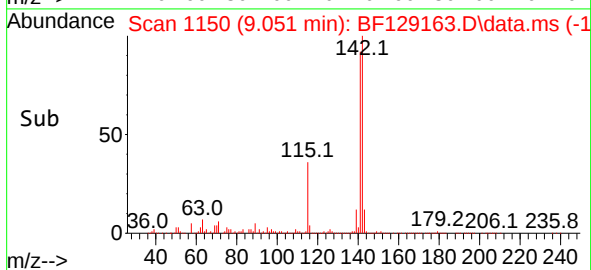
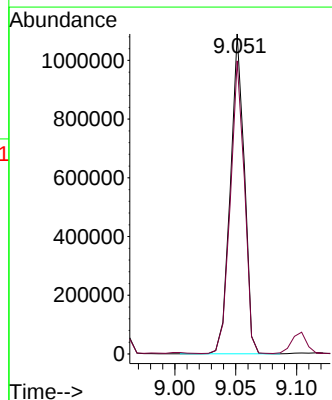
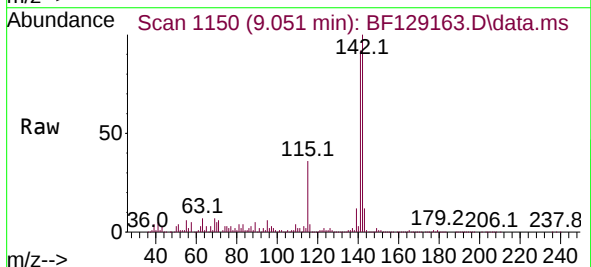
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

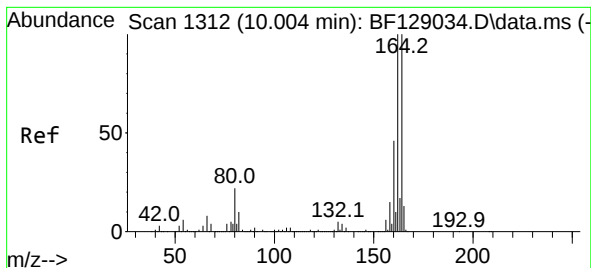
Tgt Ion:142 Resp: 940882
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.4



#38
1-Methylnaphthalene
Concen: 43.260 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:142 Resp: 870691
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

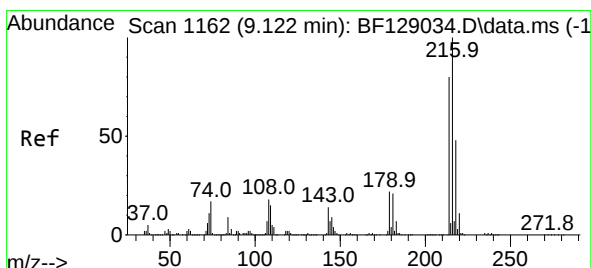
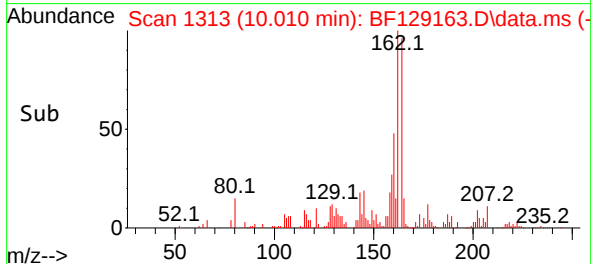
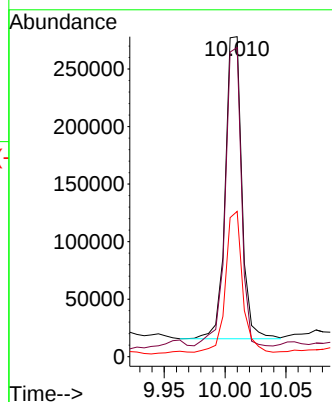
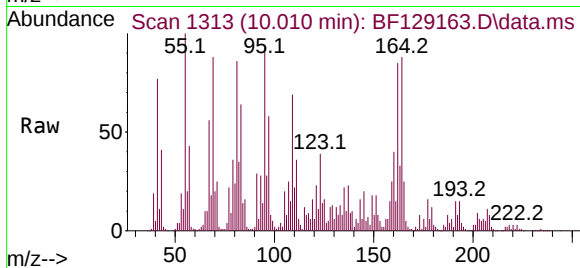
Tgt Ion:164 Resp: 248626

Ion Ratio Lower Upper

164 100

162 96.6 79.5 119.3

160 45.4 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.865 ng

RT: 9.116 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Tgt Ion:216 Resp: 425355

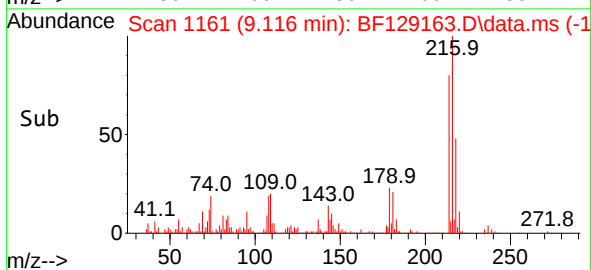
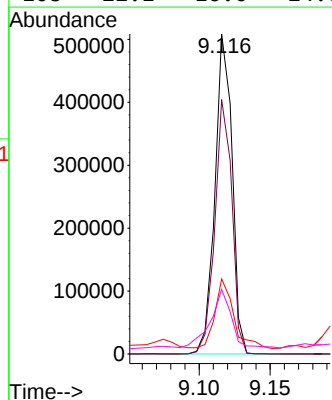
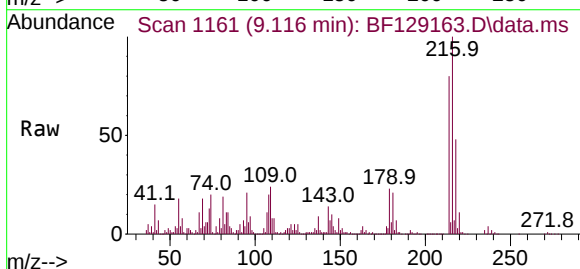
Ion Ratio Lower Upper

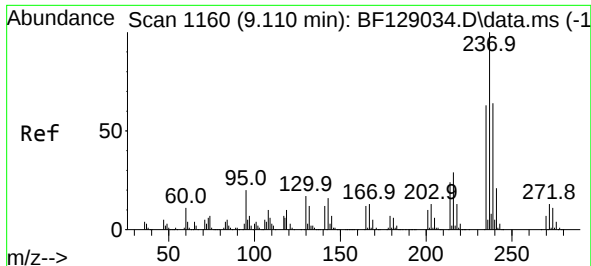
216 100

214 79.0 63.6 95.4

179 23.7 17.0 25.6

108 22.1 16.0 24.0

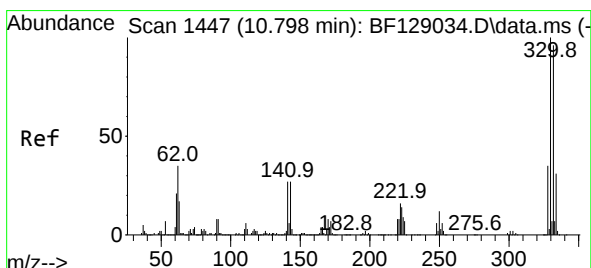
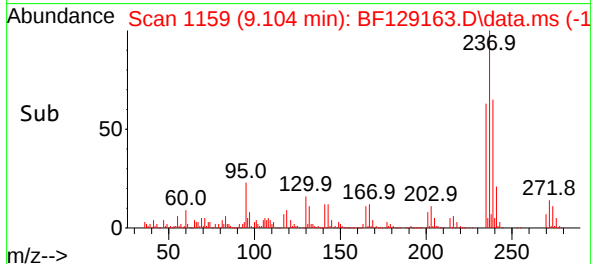
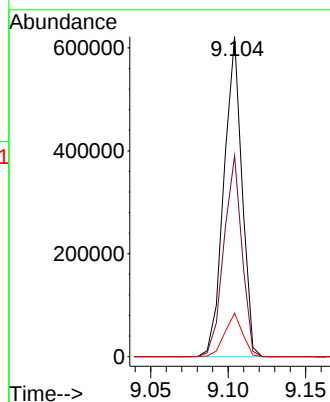
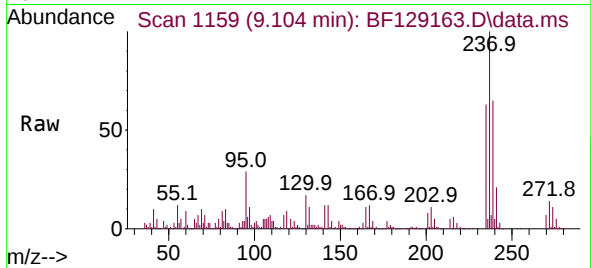




#41
Hexachlorocyclopentadiene
Concen: 136.295 ng
RT: 9.104 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

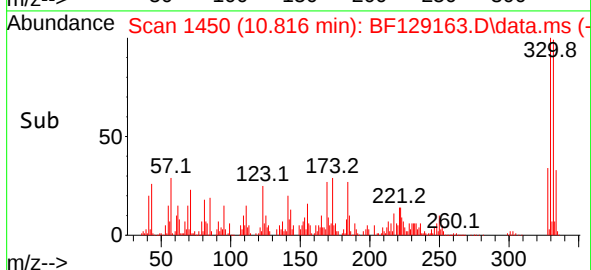
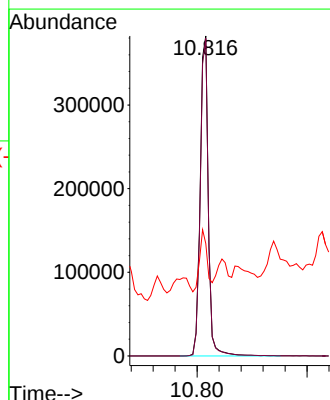
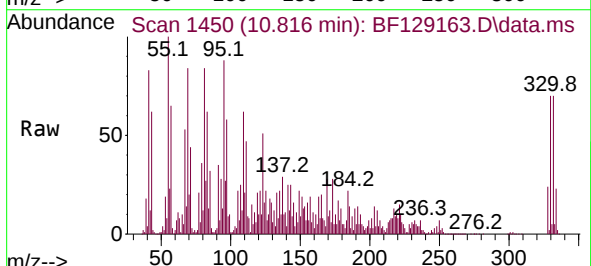
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

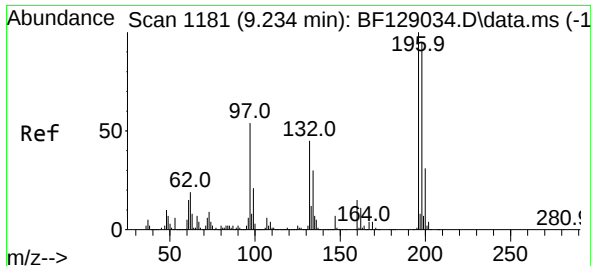
Tgt Ion:237 Resp: 502777
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 13.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 145.065 ng
RT: 10.816 min Scan# 1450
Delta R.T. 0.018 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:330 Resp: 392174
Ion Ratio Lower Upper
330 100
332 98.7 76.8 115.2
141 18.0 28.0 42.0#





#43

2,4,6-Trichlorophenol

Concen: 57.574 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

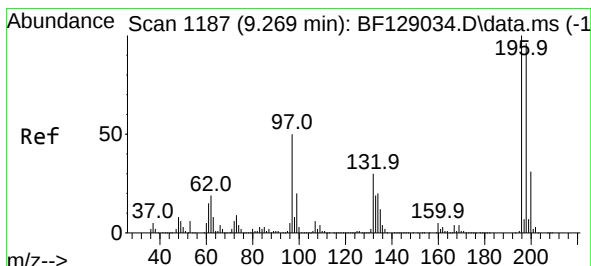
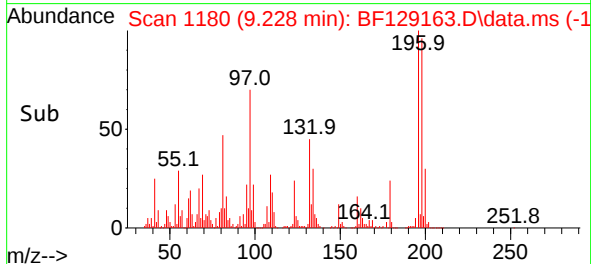
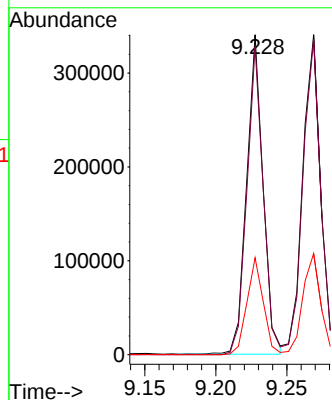
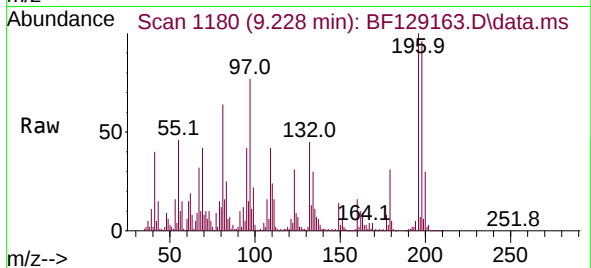
Tgt Ion:196 Resp: 274060

Ion Ratio Lower Upper

196 100

198 96.2 74.0 111.0

200 30.3 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 58.886 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Tgt Ion:196 Resp: 298155

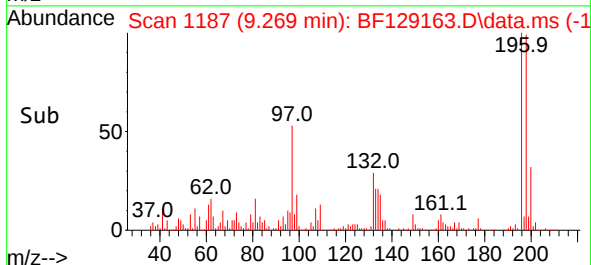
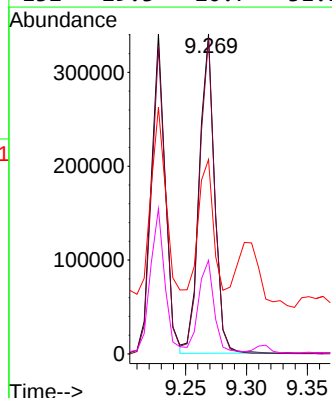
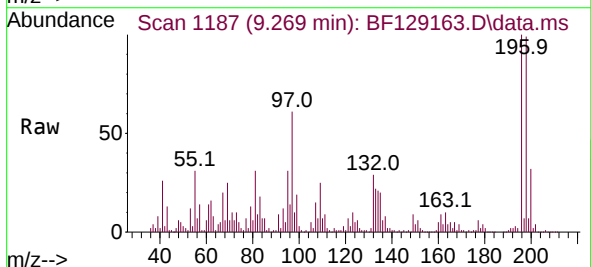
Ion Ratio Lower Upper

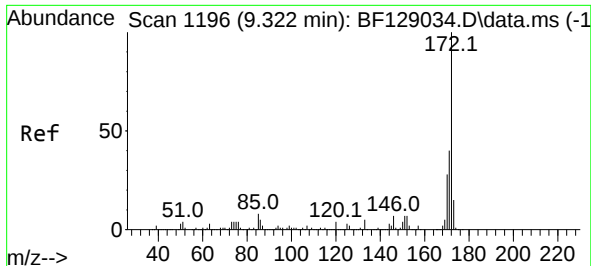
196 100

198 98.6 75.7 113.5

97 60.8 36.4 54.6#

132 29.3 20.7 31.1

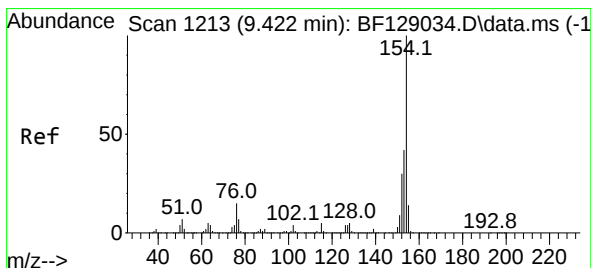
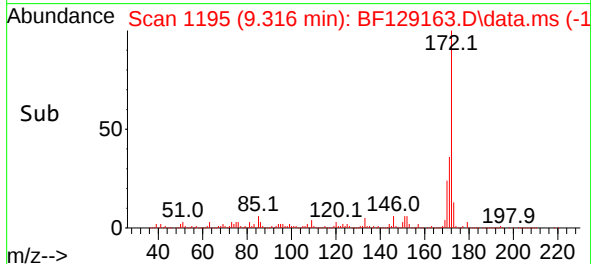
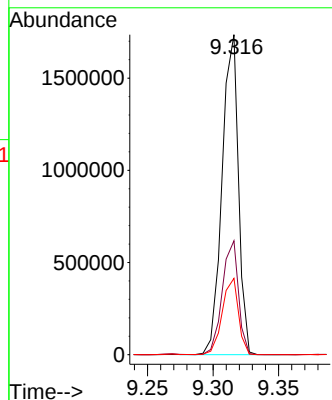
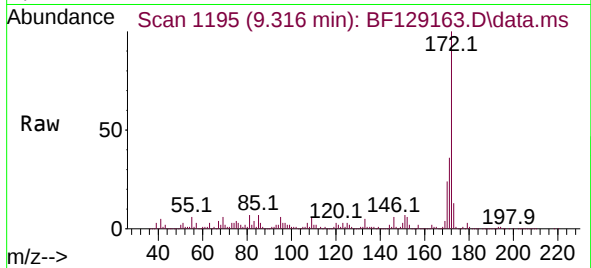




#45
2-Fluorobiphenyl
Concen: 96.452 ng
RT: 9.316 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

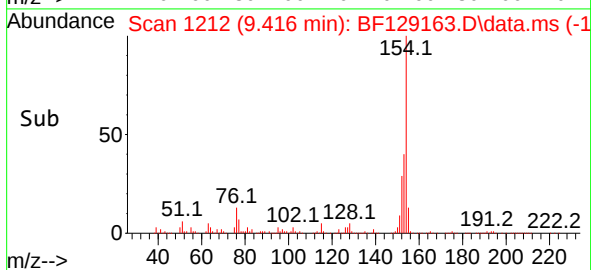
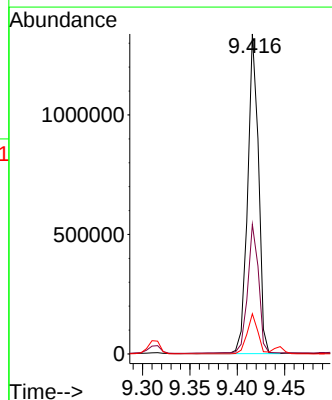
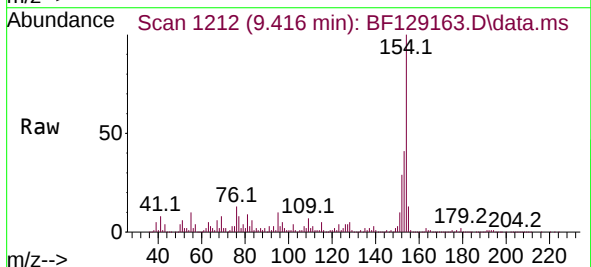
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

Tgt Ion:172 Resp: 1498975
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.9 19.8 29.8



#46
1,1'-Biphenyl
Concen: 59.413 ng
RT: 9.416 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:154 Resp: 1061970
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 12.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 56.034 ng

RT: 9.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

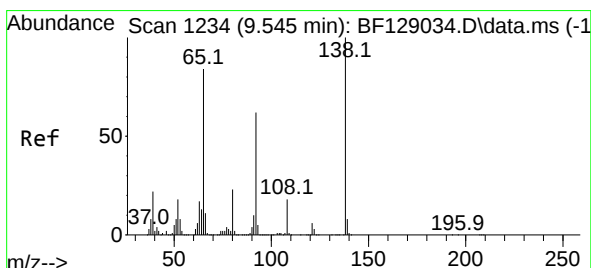
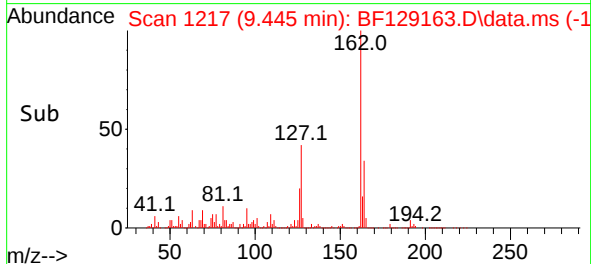
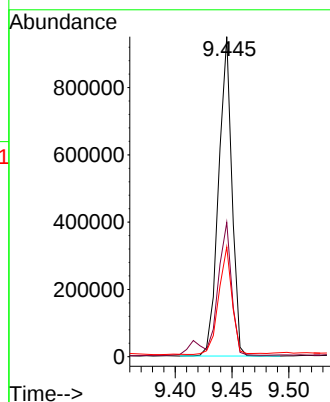
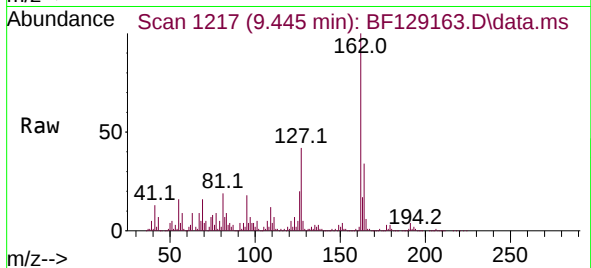
Tgt Ion:162 Resp: 773453

Ion Ratio Lower Upper

162 100

127 41.9 34.5 51.7

164 34.3 26.5 39.7



#48

2-Nitroaniline

Concen: 64.880 ng

RT: 9.539 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

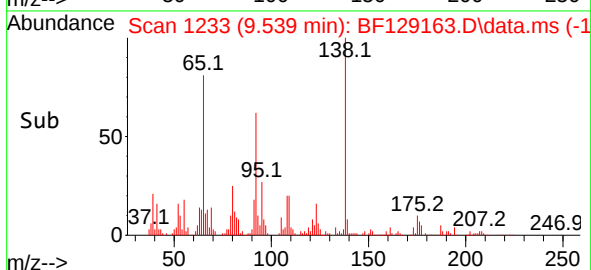
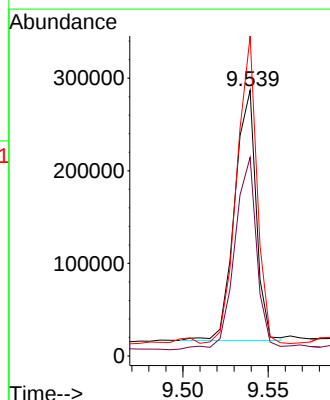
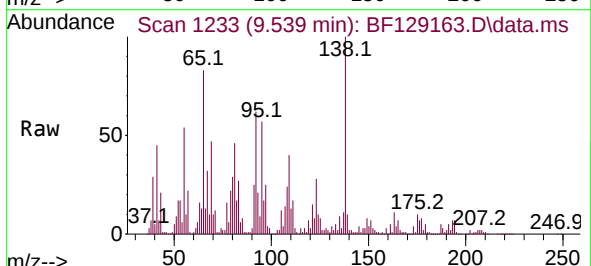
Tgt Ion: 65 Resp: 235873

Ion Ratio Lower Upper

65 100

92 74.8 51.9 77.9

138 120.5 76.4 114.6#

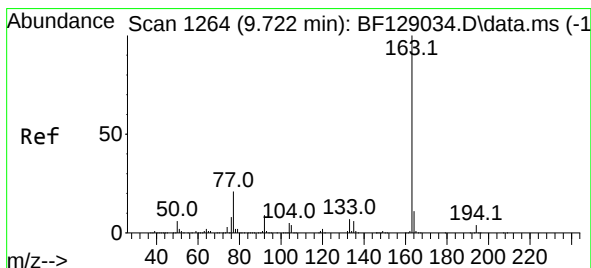
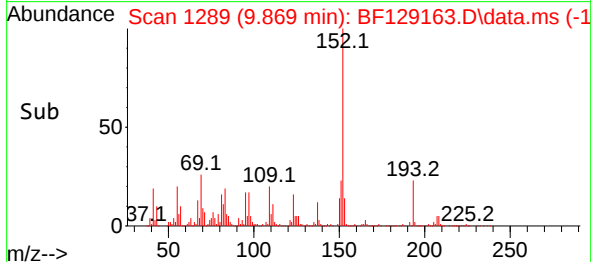
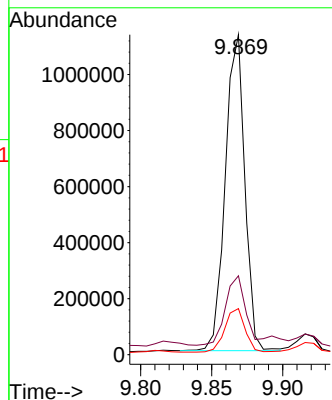
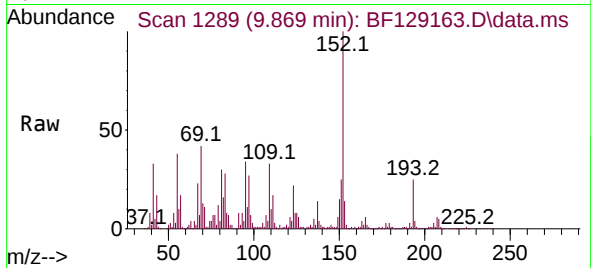




#49
Acenaphthylene
Concen: 51.471 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

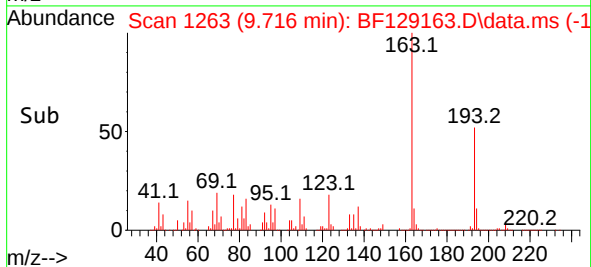
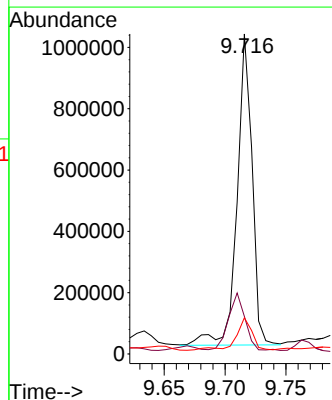
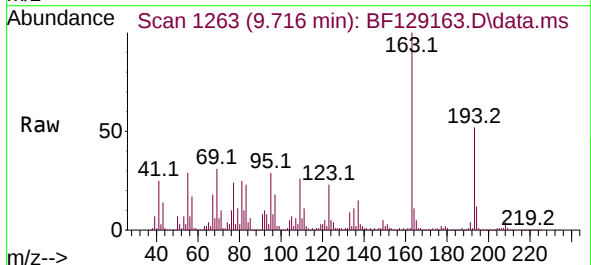
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

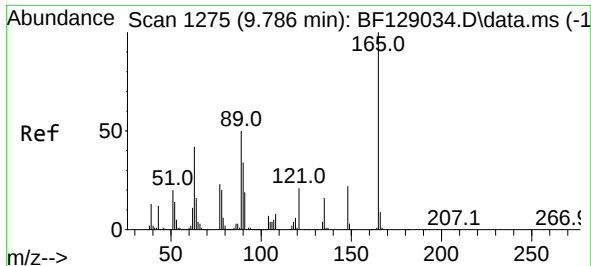
Tgt Ion:152 Resp: 1079547
Ion Ratio Lower Upper
152 100
151 24.7 16.2 24.4#
153 14.4 10.7 16.1



#50
Dimethylphthalate
Concen: 56.024 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:163 Resp: 871400
Ion Ratio Lower Upper
163 100
194 11.8 3.2 4.8#
164 11.3 8.2 12.2

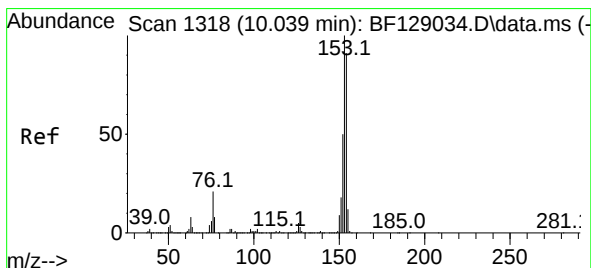
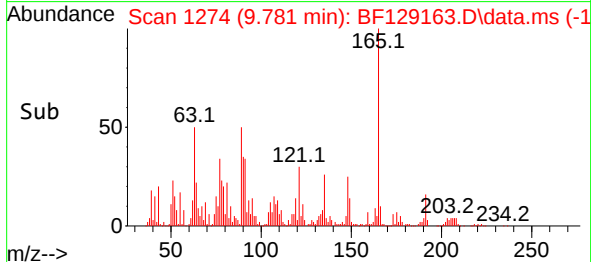
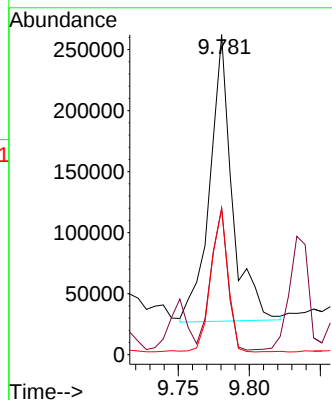
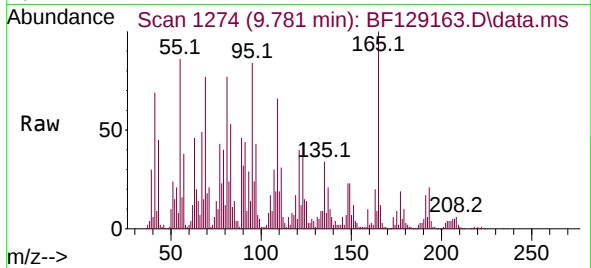




#51
2,6-Dinitrotoluene
Concen: 81.530 ng
RT: 9.781 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

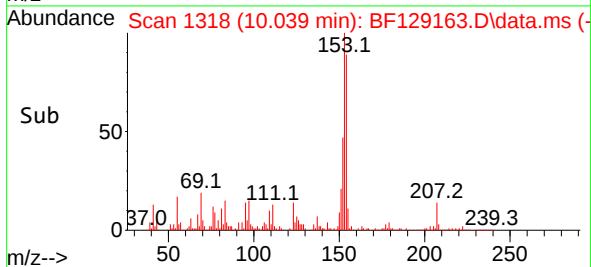
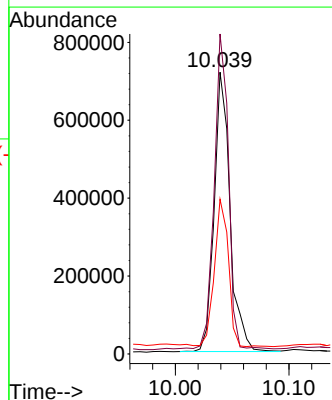
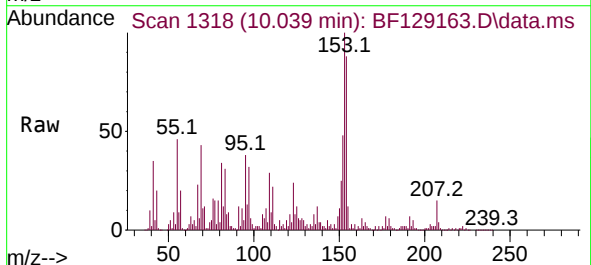
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

Tgt Ion:165 Resp: 259134
Ion Ratio Lower Upper
165 100
63 45.8 44.9 67.3
89 45.6 43.6 65.4



#52
Acenaphthene
Concen: 50.807 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:154 Resp: 694124
Ion Ratio Lower Upper
154 100
153 113.6 89.6 134.4
152 54.9 42.4 63.6

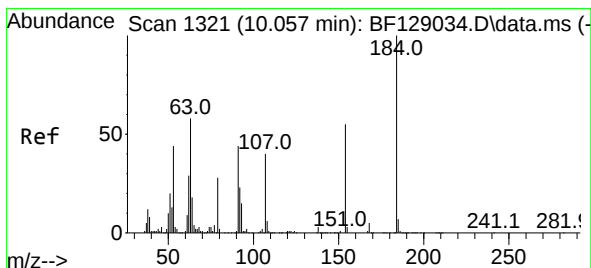
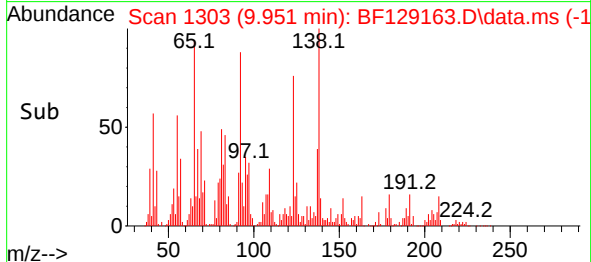
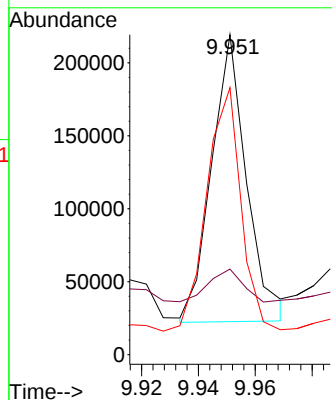
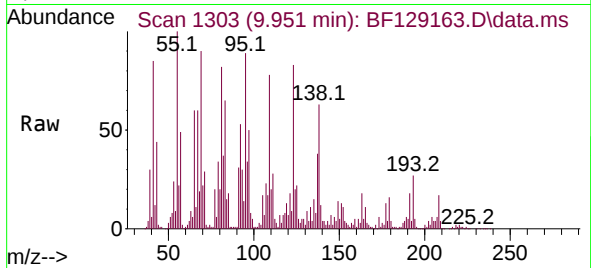




#53
3-Nitroaniline
Concen: 44.376 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

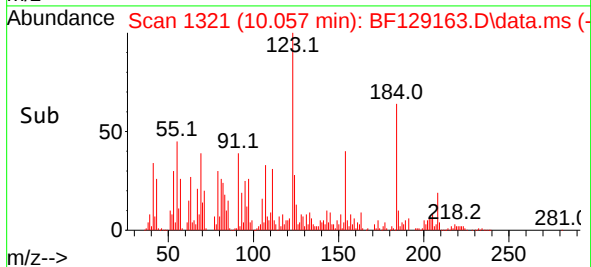
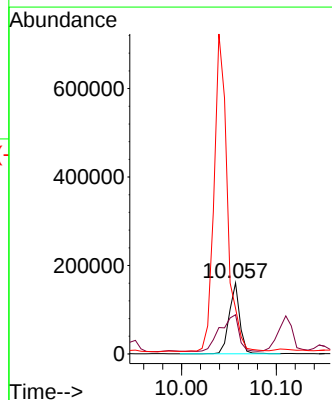
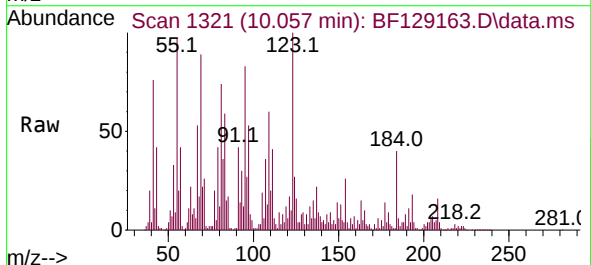
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

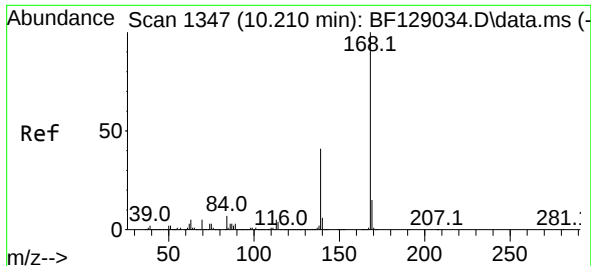
Tgt Ion:138 Resp: 168196
Ion Ratio Lower Upper
138 100
108 26.7 10.9 16.3#
92 83.5 98.2 147.2#



#54
2,4-Dinitrophenol
Concen: 73.480 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:184 Resp: 125245
Ion Ratio Lower Upper
184 100
63 55.2 64.5 96.7#
154 64.0 50.6 75.8

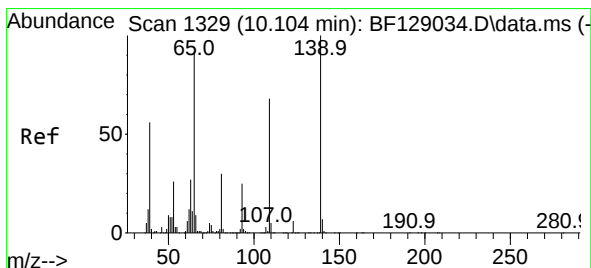
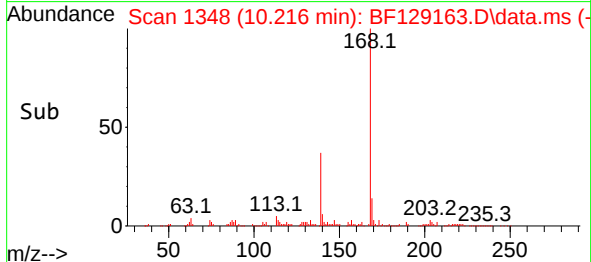
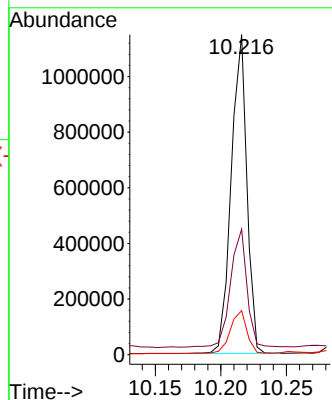
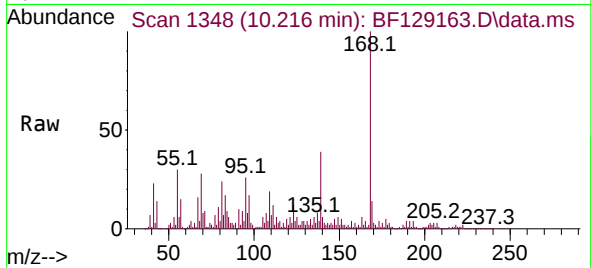




#55
Dibenzofuran
Concen: 47.819 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

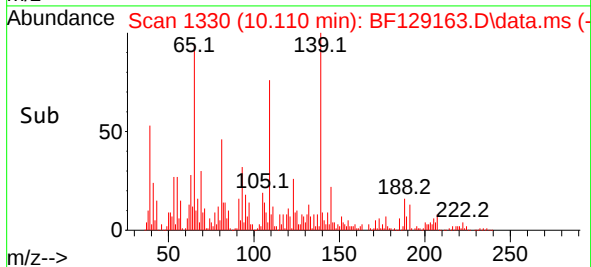
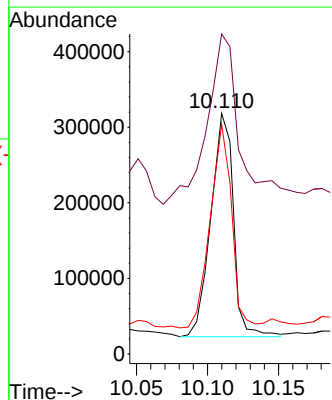
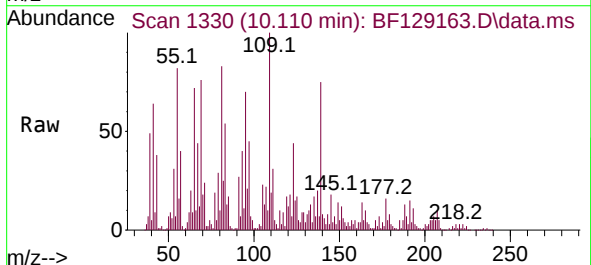
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

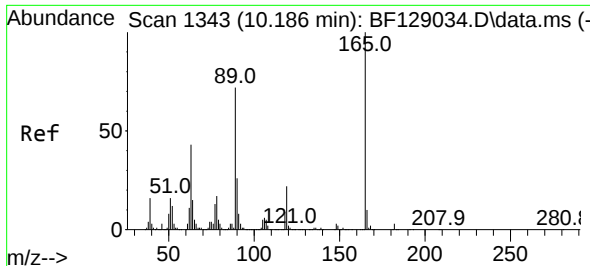
Tgt Ion:168 Resp: 951295
Ion Ratio Lower Upper
168 100
139 39.2 30.6 46.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 105.268 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:139 Resp: 325999
Ion Ratio Lower Upper
139 100
109 133.0 50.7 90.7#
65 95.5 74.5 114.5

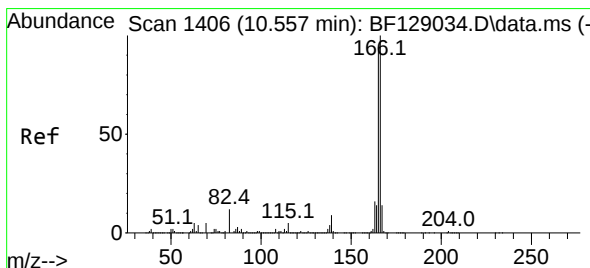
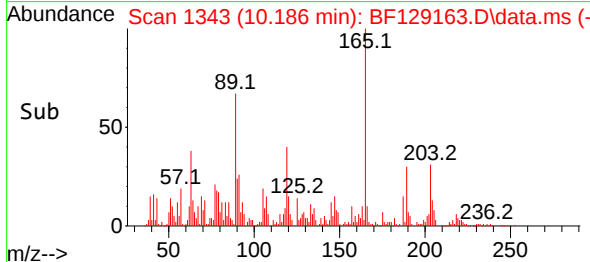
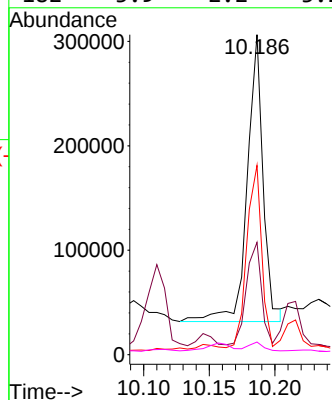
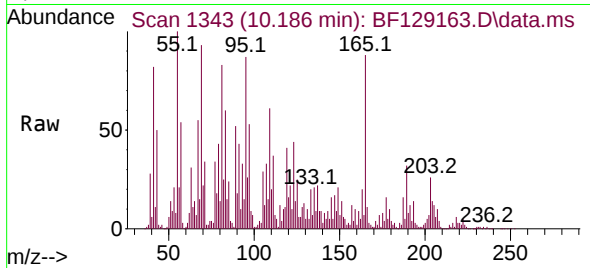




#57
2,4-Dinitrotoluene
Concen: 59.170 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

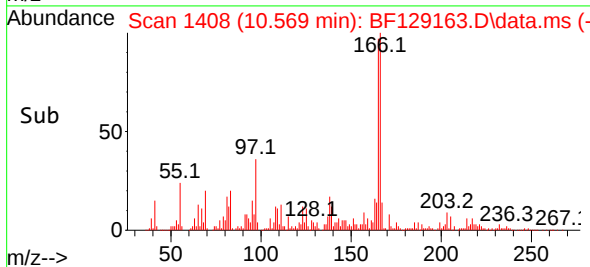
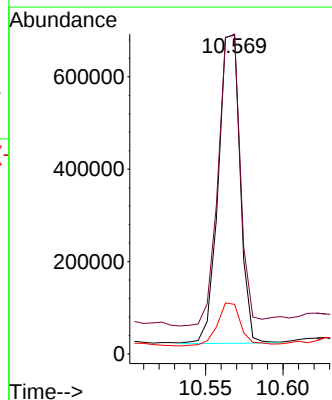
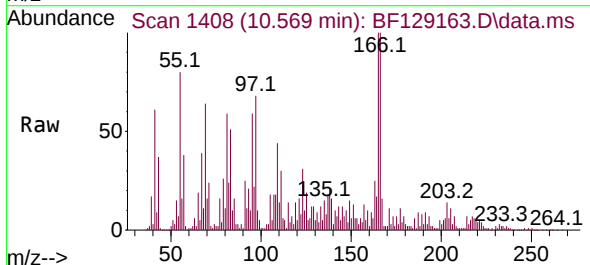
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

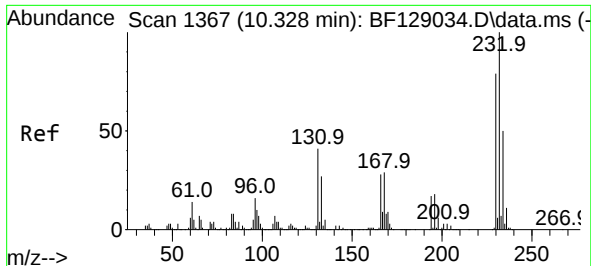
Tgt Ion:165 Resp: 232170
Ion Ratio Lower Upper
165 100
63 35.1 39.8 59.6#
89 59.2 60.2 90.2#
182 3.9 2.2 3.2#



#58
Fluorene
Concen: 42.591 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

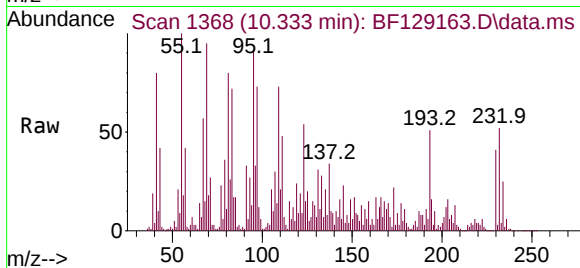
Tgt Ion:166 Resp: 655394
Ion Ratio Lower Upper
166 100
165 100.4 78.1 117.1
167 15.6 10.5 15.7



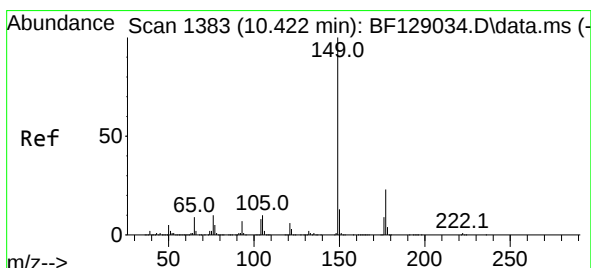
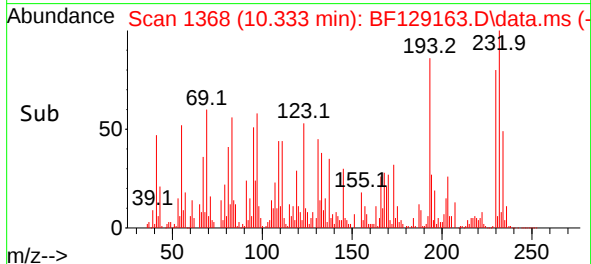
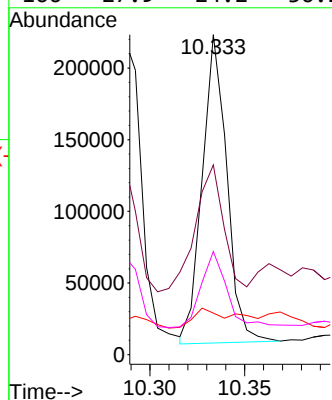


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.275 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

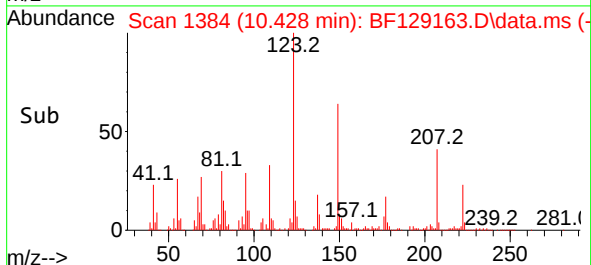
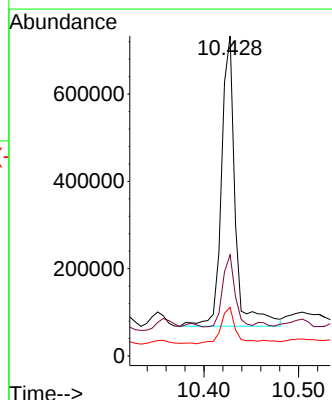
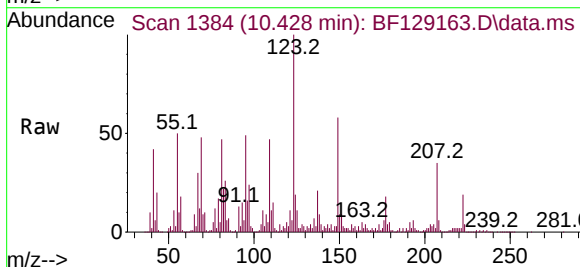


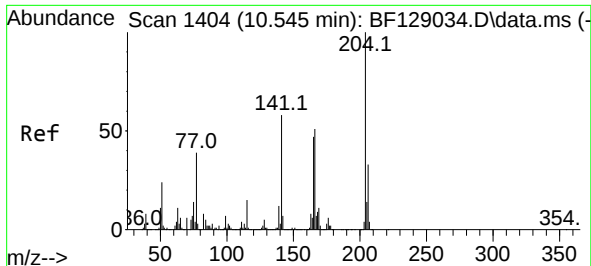
Tgt Ion:232 Resp: 194111
Ion Ratio Lower Upper
232 100
131 47.5 36.1 54.1
130 6.8 1.8 2.8#
166 27.9 24.2 36.2



#60
Diethylphthalate
Concen: 43.122 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:149 Resp: 672085
Ion Ratio Lower Upper
149 100
177 31.6 17.3 25.9#
150 15.2 10.2 15.2

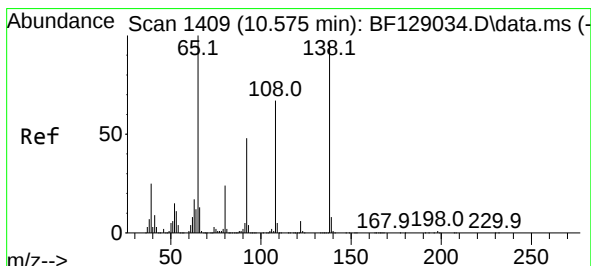
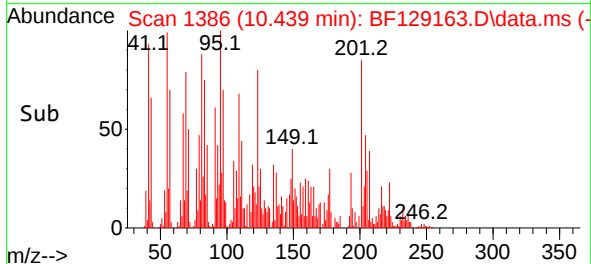
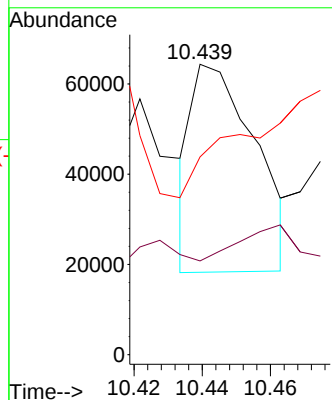
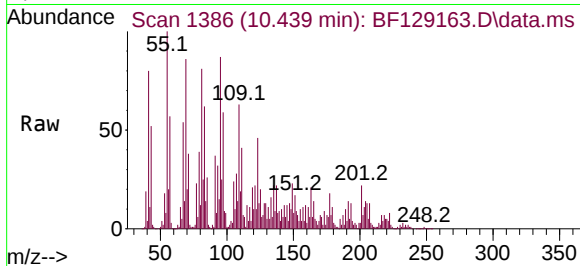




#61
4-Chlorophenyl-phenylether
Concen: 7.749 ng
RT: 10.439 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

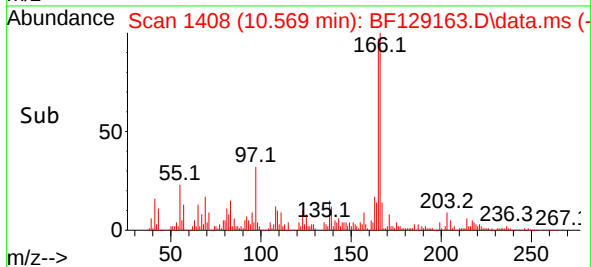
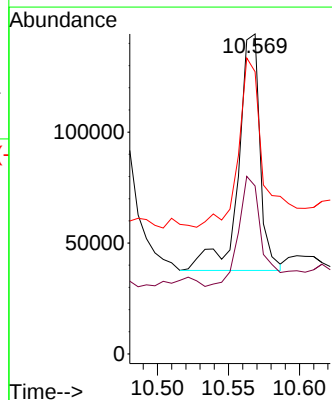
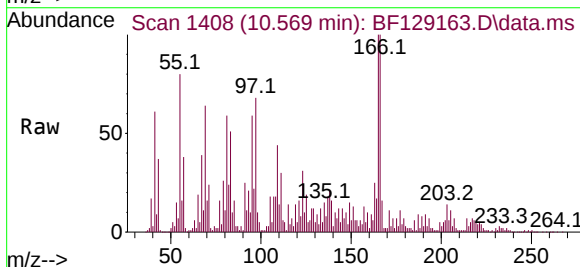
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

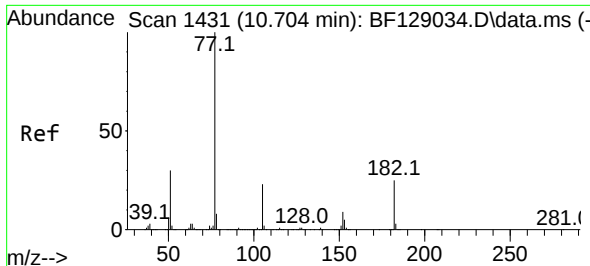
Tgt Ion:204 Resp: 59412
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 68.1 47.0 70.4



#62
4-Nitroaniline
Concen: 30.300 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:138 Resp: 113882
Ion Ratio Lower Upper
138 100
92 52.5 33.5 73.5
108 88.2 61.0 101.0

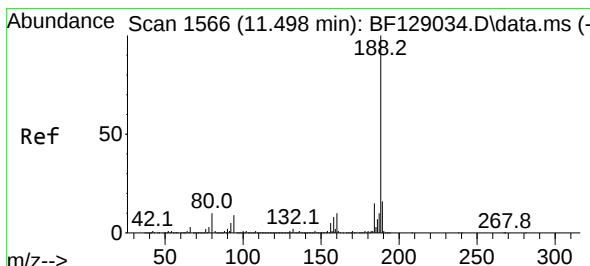
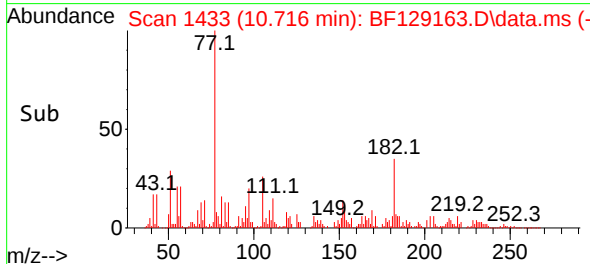
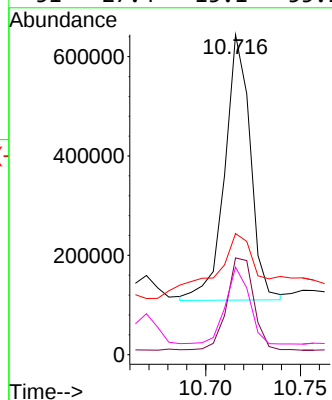
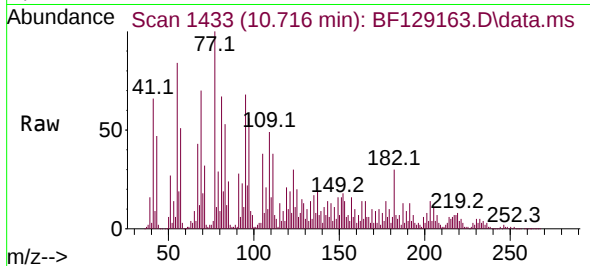




#63
Azobenzene
Concen: 32.816 ng
RT: 10.716 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

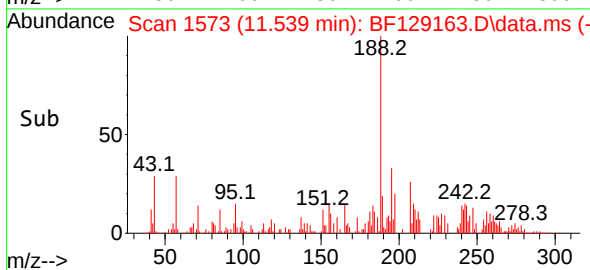
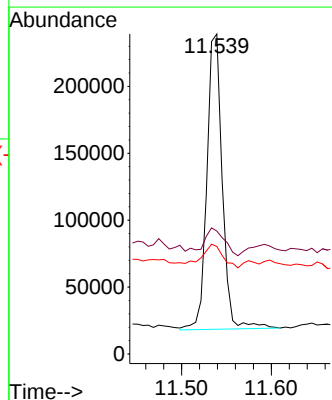
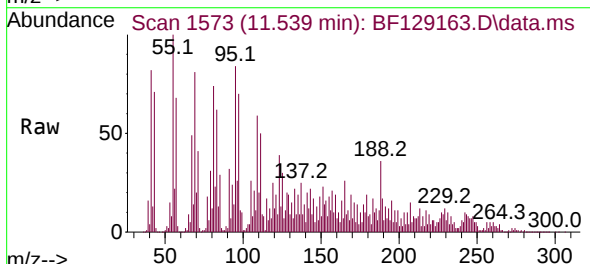
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

Tgt Ion: 77	Resp: 501104
Ion Ratio	Lower Upper
77 100	
182 30.2	5.6 45.6
105 37.8	1.6 41.6
51 27.4	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1573
Delta R.T. 0.041 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:188	Resp: 263408		
Ion Ratio	Lower	Upper	
188 100			
94 38.4	7.0	10.6#	
80 33.6	7.6	11.4#	

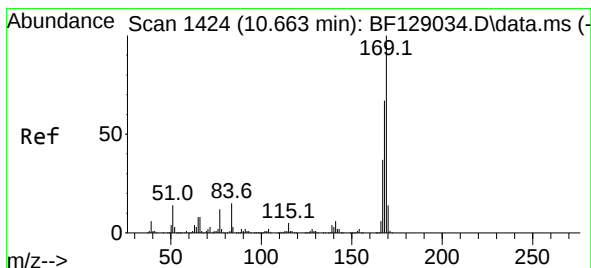
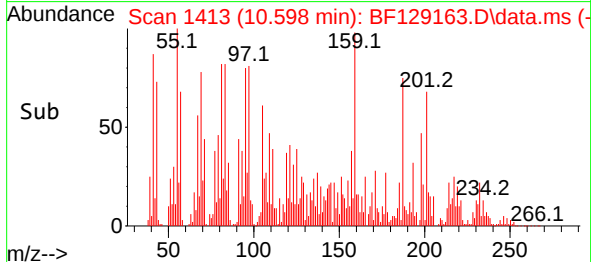
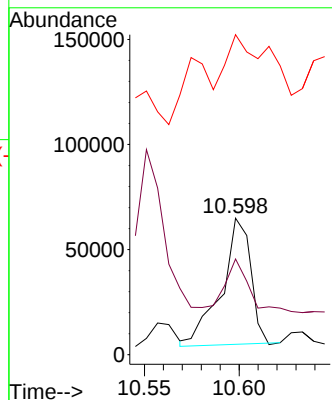
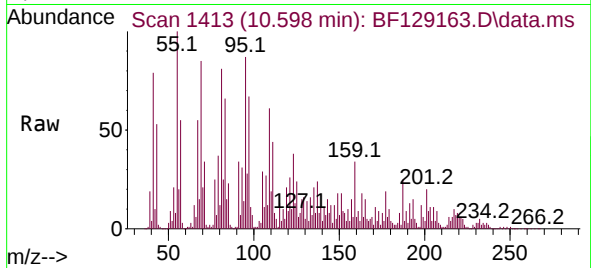




#65
4,6-Dinitro-2-methylphenol
Concen: 55.152 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

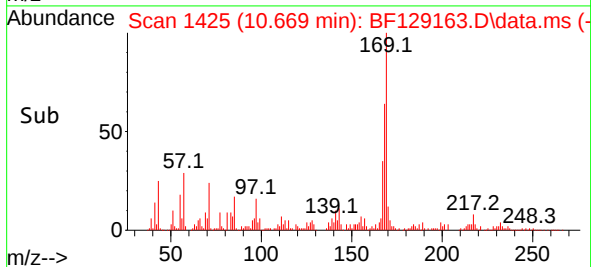
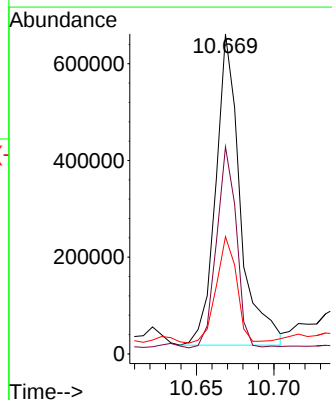
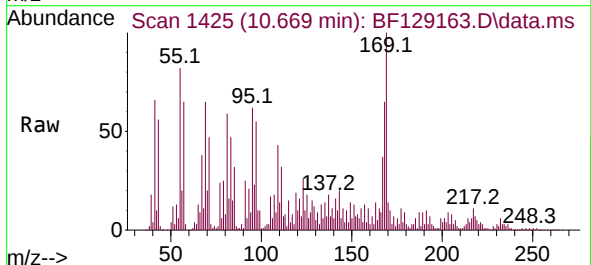
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

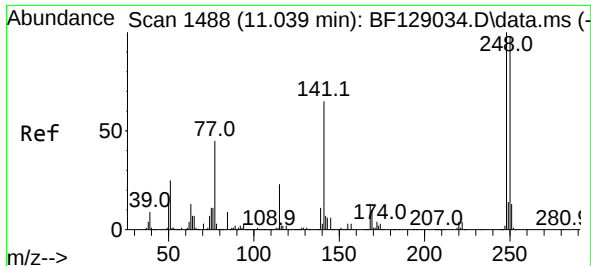
Tgt Ion:198 Resp: 64271
Ion Ratio Lower Upper
198 100
51 70.1 37.6 77.6
105 234.5 27.0 67.0#



#66
n-Nitrosodiphenylamine
Concen: 88.537 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:169 Resp: 708283
Ion Ratio Lower Upper
169 100
168 64.8 50.1 75.1
167 36.7 27.9 41.9





#67

4-Bromophenyl-phenylether

Concen: 68.385 ng

RT: 11.057 min Scan# 14

Delta R.T. 0.018 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

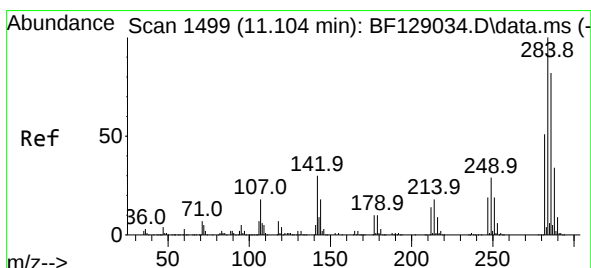
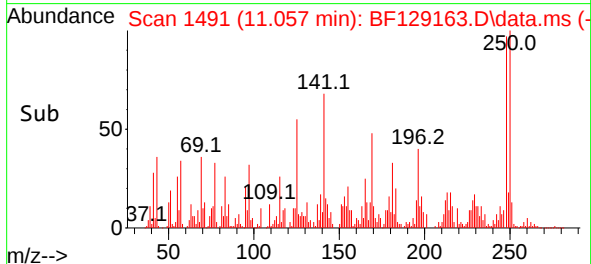
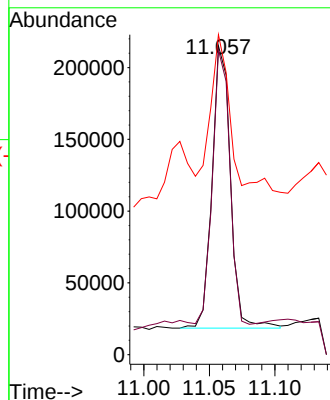
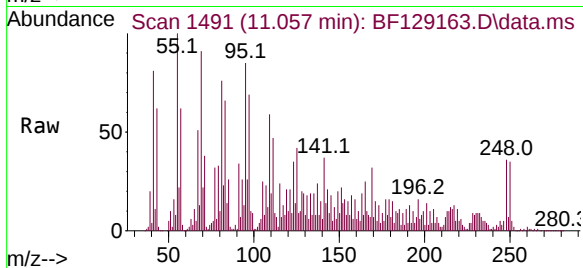
Tgt Ion:248 Resp: 191612

Ion Ratio Lower Upper

248 100

250 98.6 80.6 120.8

141 103.6 58.9 88.3#



#68

Hexachlorobenzene

Concen: 76.948 ng

RT: 11.145 min Scan# 1506

Delta R.T. 0.041 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

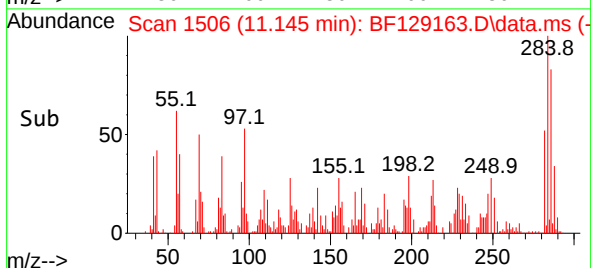
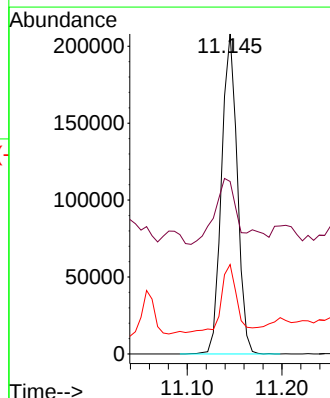
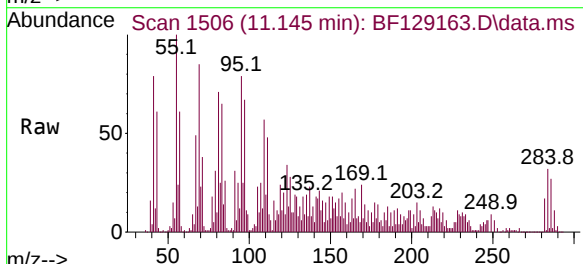
Tgt Ion:284 Resp: 240081

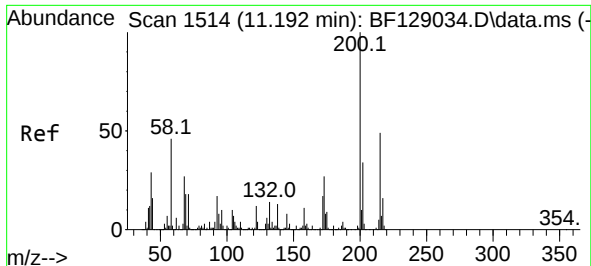
Ion Ratio Lower Upper

284 100

142 53.9 29.0 43.4#

249 28.0 25.0 37.6

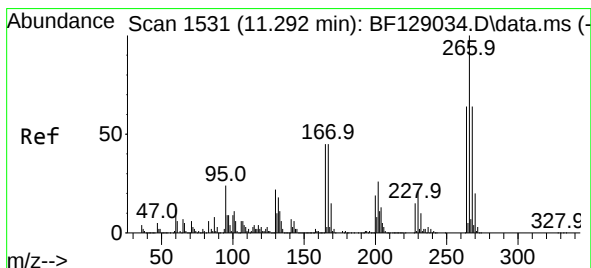
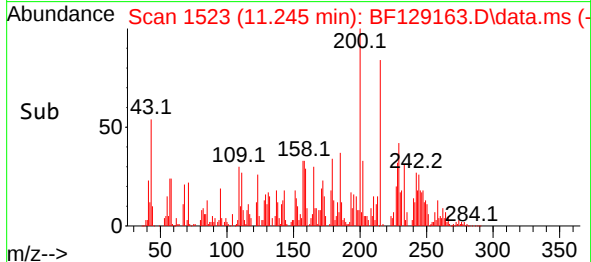
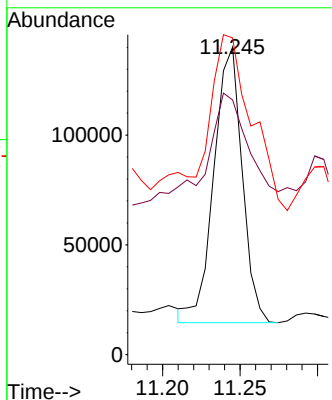
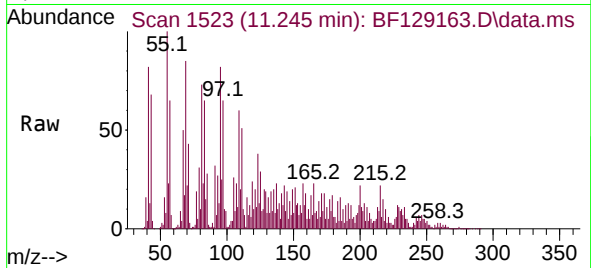




#69
Atrazine
Concen: 70.941 ng
RT: 11.245 min Scan# 1523
Delta R.T. 0.053 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

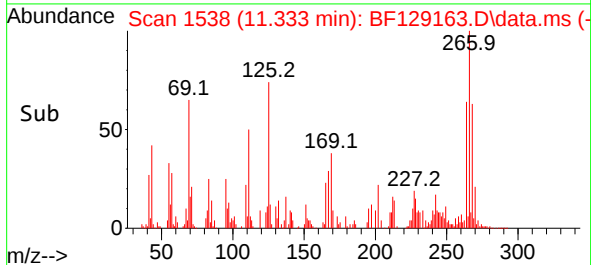
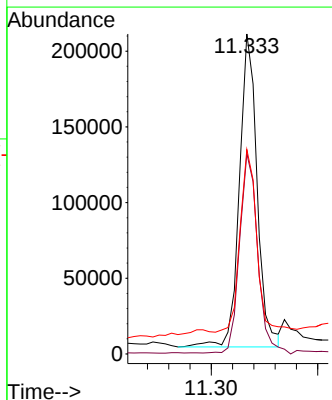
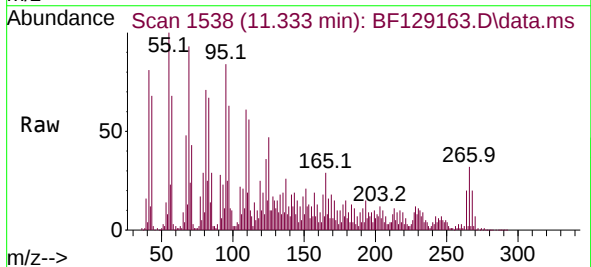
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

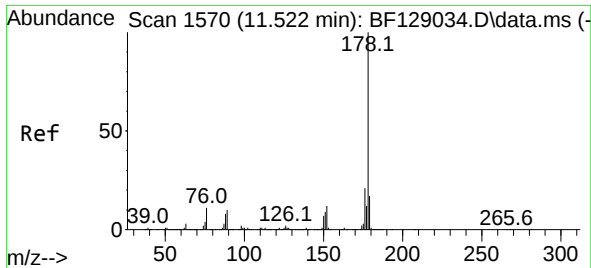
Tgt Ion:200 Resp: 159696
Ion Ratio Lower Upper
200 100
173 82.8 6.3 46.3#
215 103.0 28.3 68.3#



#70
Pentachlorophenol
Concen: 128.904 ng
RT: 11.333 min Scan# 1538
Delta R.T. 0.041 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:266 Resp: 239549
Ion Ratio Lower Upper
266 100
268 62.6 51.0 76.4
264 63.9 49.4 74.2

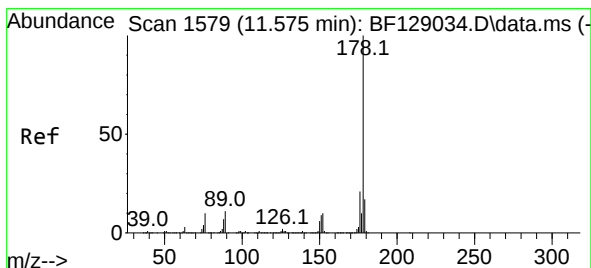
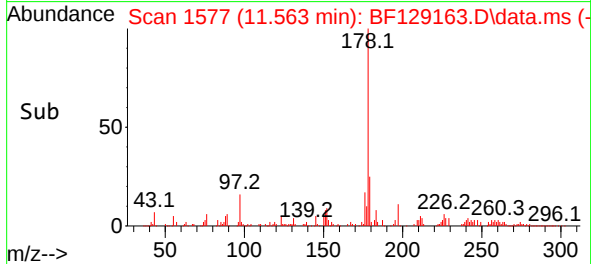
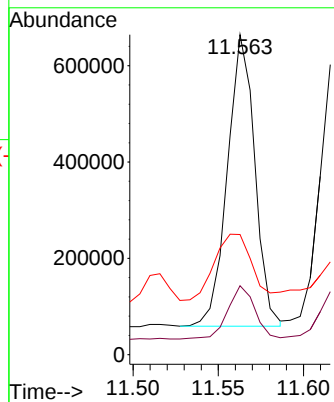
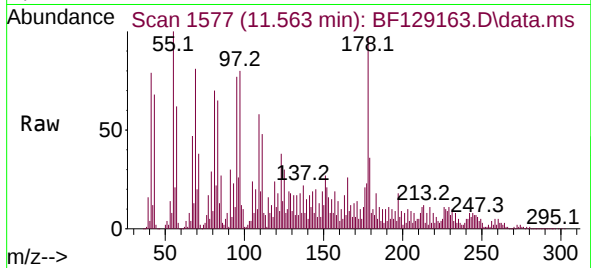




#71
Phenanthrene
Concen: 53.752 ng
RT: 11.563 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

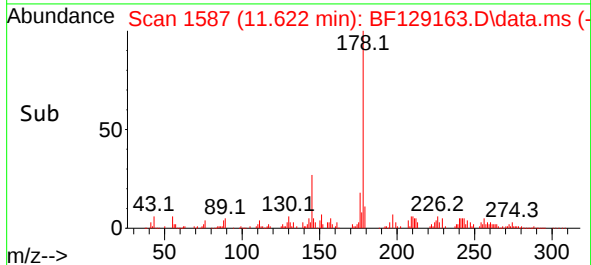
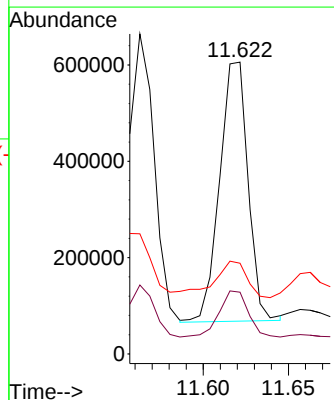
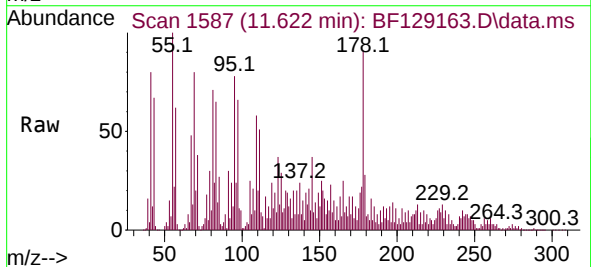
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

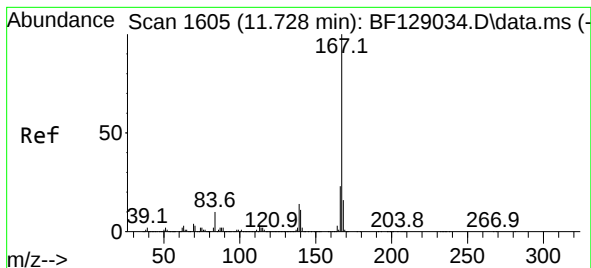
Tgt Ion:178 Resp: 676503
Ion Ratio Lower Upper
178 100
176 21.6 16.0 24.0
179 37.6 12.6 19.0#



#72
Anthracene
Concen: 50.318 ng
RT: 11.622 min Scan# 1587
Delta R.T. 0.047 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:178 Resp: 624370
Ion Ratio Lower Upper
178 100
176 21.2 15.4 23.2
179 31.1 12.6 19.0#





#73

Carbazole

Concen: 42.764 ng

RT: 11.763 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

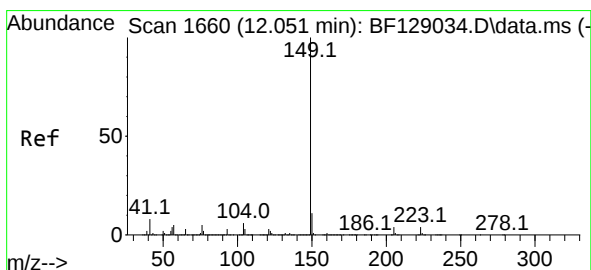
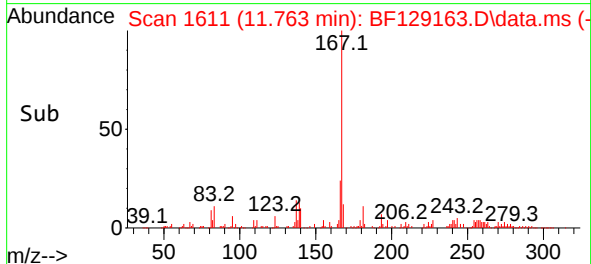
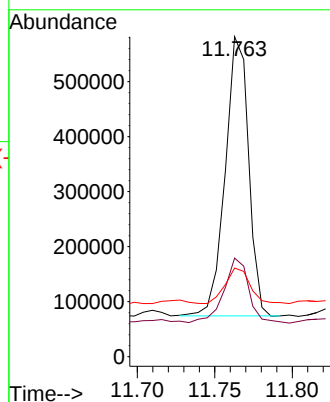
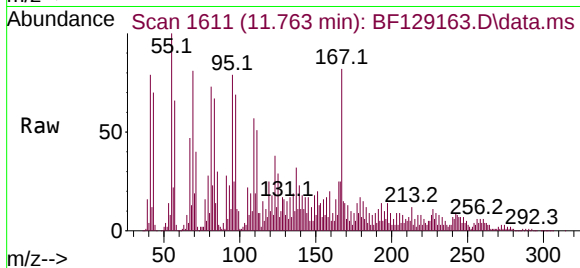
Tgt Ion:167 Resp: 531715

Ion Ratio Lower Upper

167 100

166 30.8 17.7 26.5#

139 27.7 11.2 16.8#



#74

Di-n-butylphthalate

Concen: 50.728 ng

RT: 12.098 min Scan# 1668

Delta R.T. 0.047 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

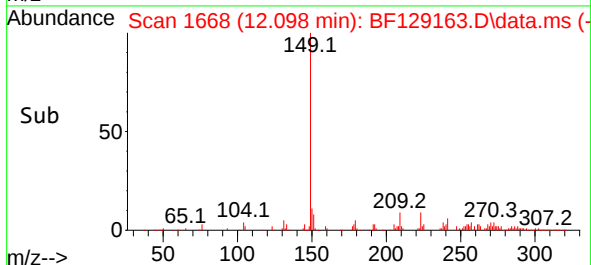
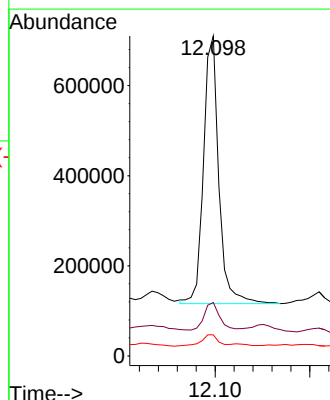
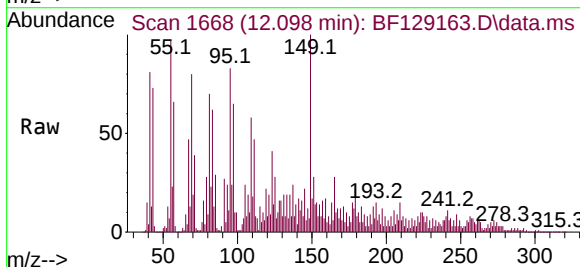
Tgt Ion:149 Resp: 665035

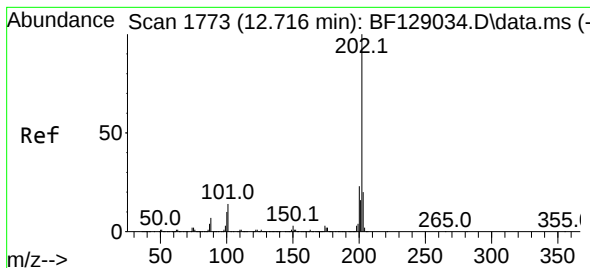
Ion Ratio Lower Upper

149 100

150 16.7 7.5 11.3#

104 6.6 4.4 6.6





#75

Fluoranthene

Concen: 67.908 ng

RT: 12.780 min Scan# 1

Delta R.T. 0.065 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

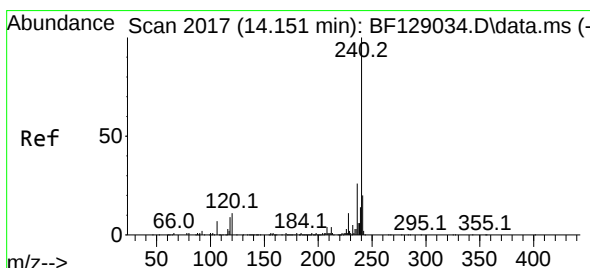
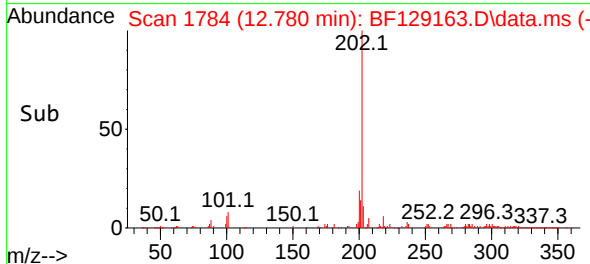
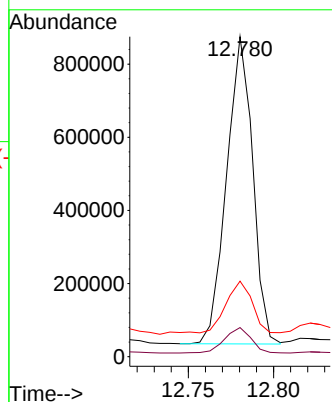
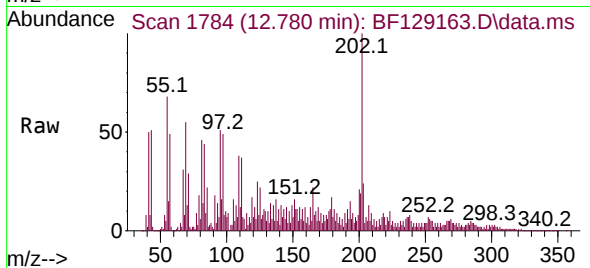
Tgt Ion:202 Resp: 893818

Ion Ratio Lower Upper

202 100

101 9.1 0.0 31.4

203 23.6 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.186 min Scan# 2023

Delta R.T. 0.035 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

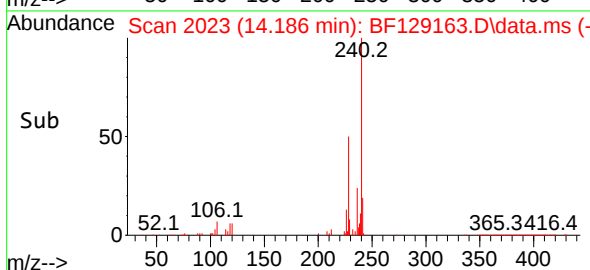
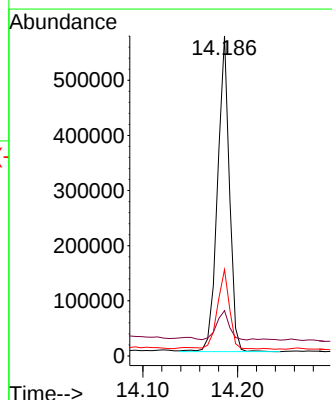
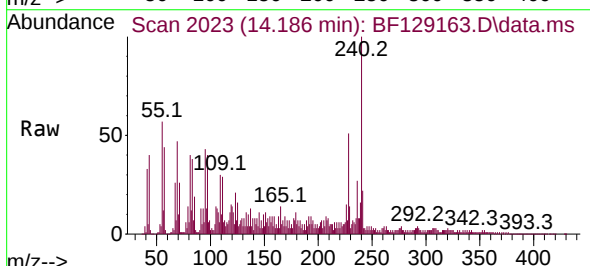
Tgt Ion:240 Resp: 500776

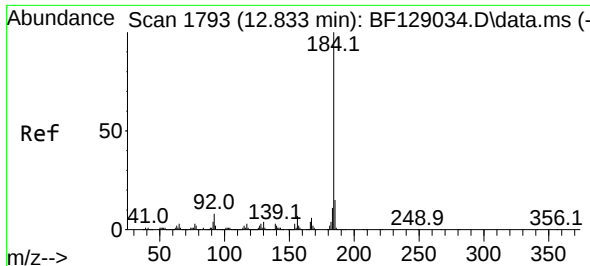
Ion Ratio Lower Upper

240 100

120 14.1 8.9 13.3#

236 27.0 20.8 31.2

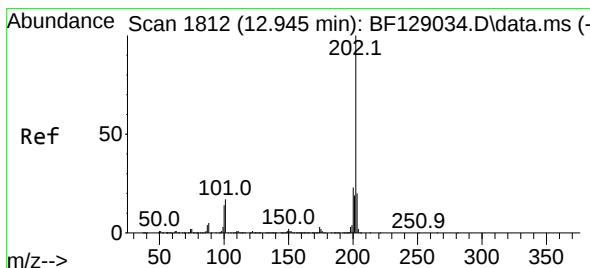
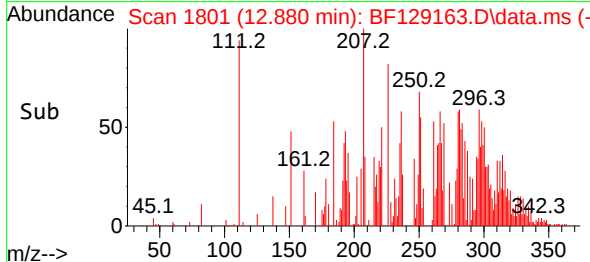
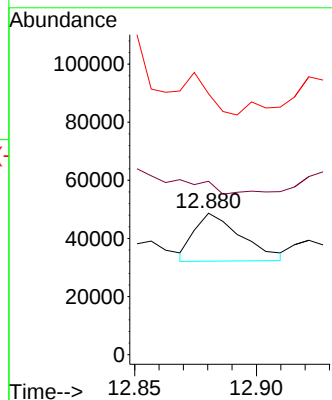
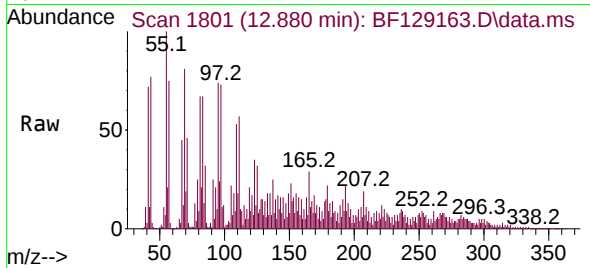




#77
Benzidine
Concen: 2.468 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.047 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

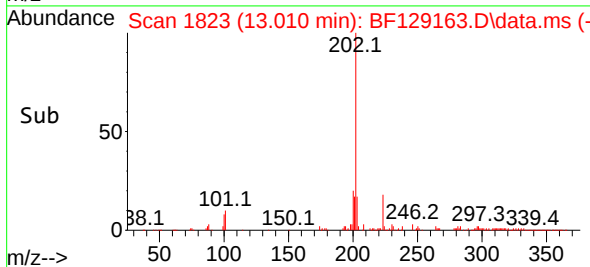
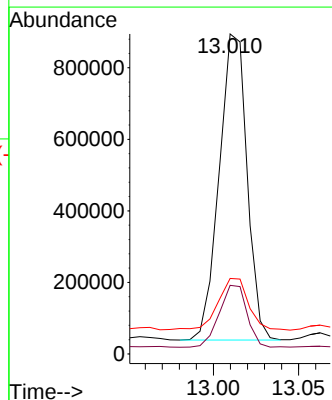
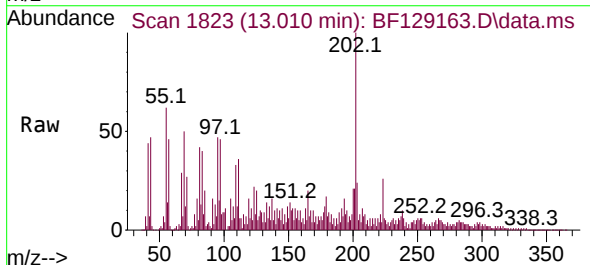
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

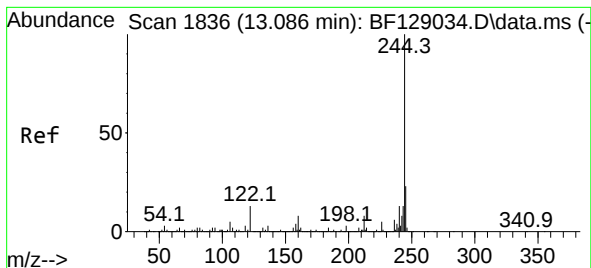
Tgt Ion:184 Resp: 22008
Ion Ratio Lower Upper
184 100
185 122.7 11.9 17.9#
183 184.6 9.3 13.9#



#78
Pyrene
Concen: 28.024 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.065 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:202 Resp: 972748
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 23.6 14.6 21.8#





#79

Terphenyl-d14

Concen: 57.034 ng

RT: 13.139 min Scan# 1

Delta R.T. 0.053 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

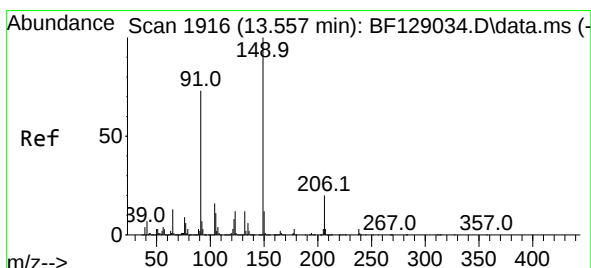
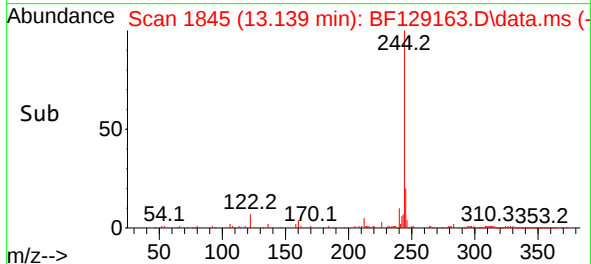
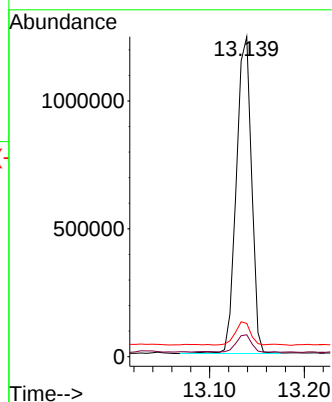
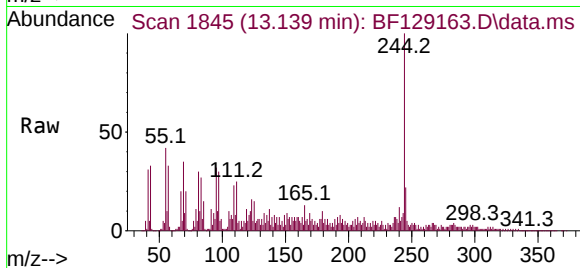
Tgt Ion:244 Resp: 1375362

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 10.4 8.8 13.2



#80

Butylbenzylphthalate

Concen: 32.678 ng

RT: 13.592 min Scan# 1922

Delta R.T. 0.035 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

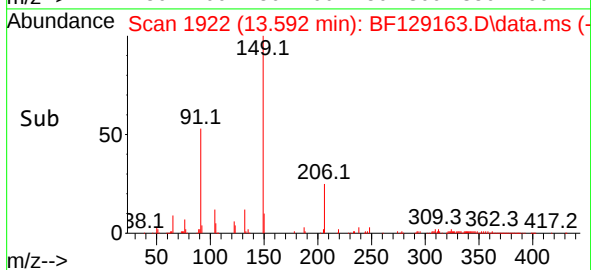
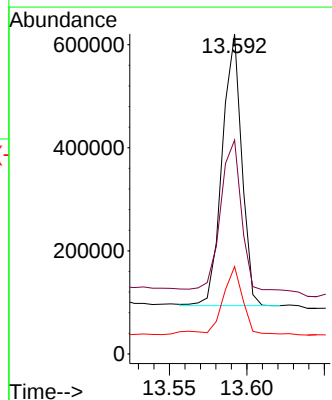
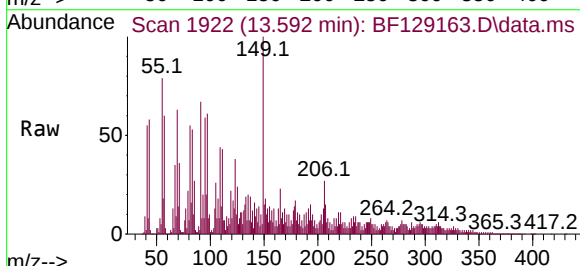
Tgt Ion:149 Resp: 462099

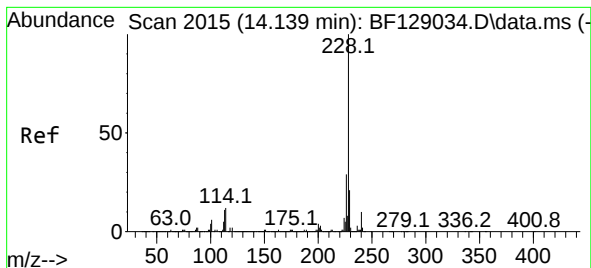
Ion Ratio Lower Upper

149 100

91 66.9 61.2 91.8

206 27.3 15.7 23.5#





#81

Benzo(a)anthracene

Concen: 51.272 ng

RT: 14.174 min Scan# 2013

Delta R.T. 0.035 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

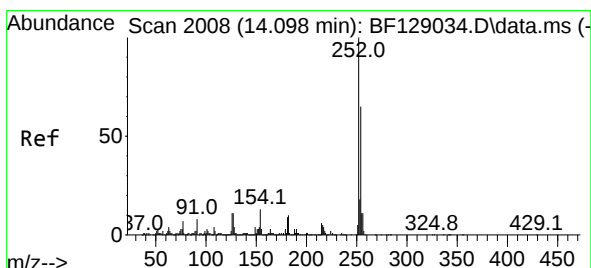
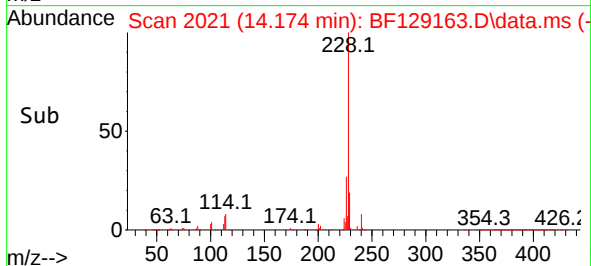
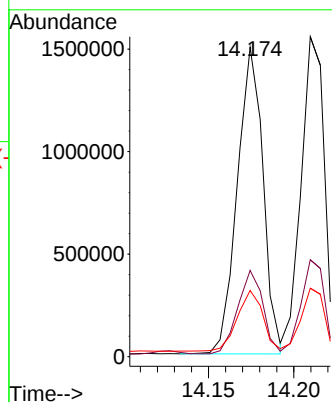
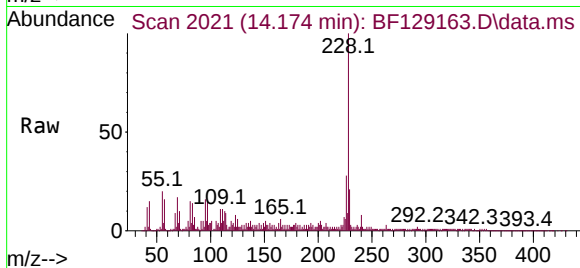
Tgt Ion:228 Resp: 1567726

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

229 21.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 34.667 ng

RT: 14.127 min Scan# 2013

Delta R.T. 0.029 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

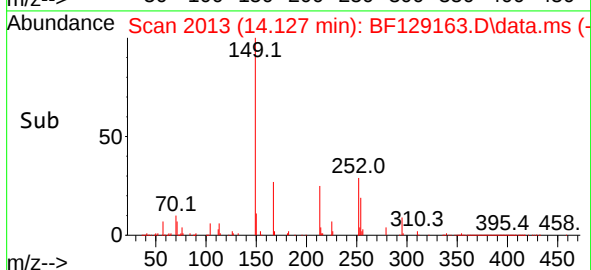
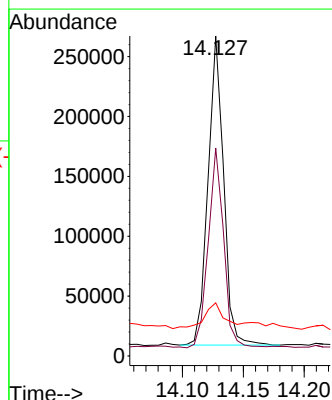
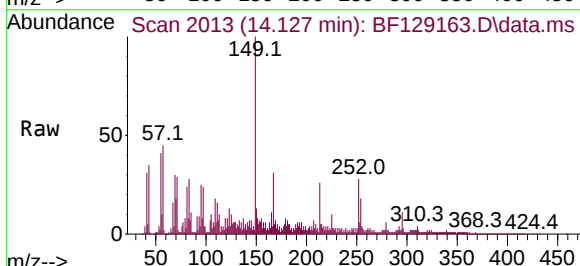
Tgt Ion:252 Resp: 229038

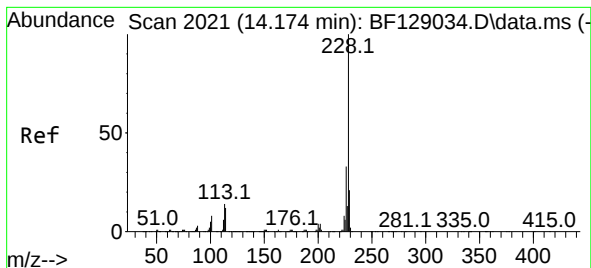
Ion Ratio Lower Upper

252 100

254 65.0 50.2 75.4

126 16.6 8.2 12.4#





#83

Chrysene

Concen: 51.760 ng

RT: 14.210 min Scan# 20

Delta R.T. 0.035 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

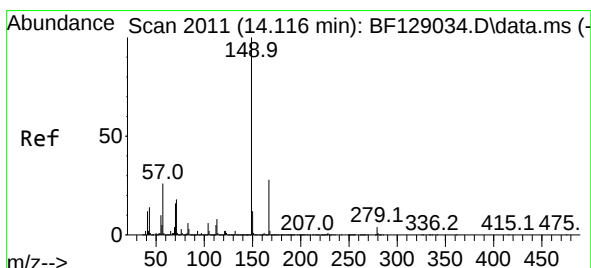
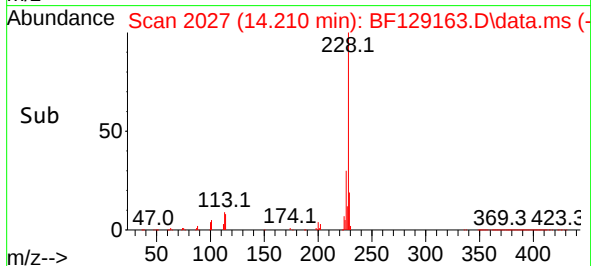
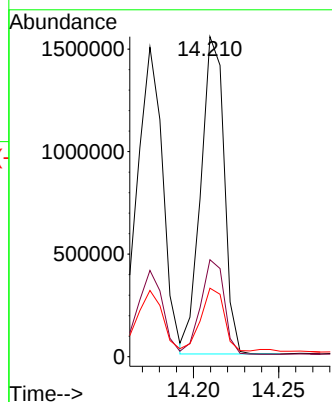
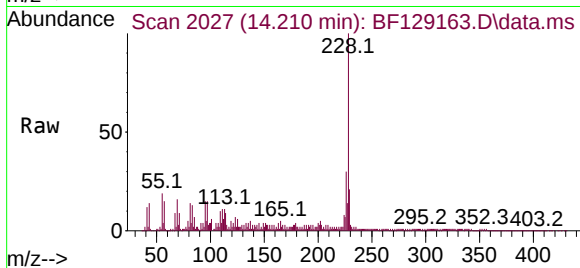
Tgt Ion:228 Resp: 1469266

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 21.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.444 ng

RT: 14.133 min Scan# 2014

Delta R.T. 0.018 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

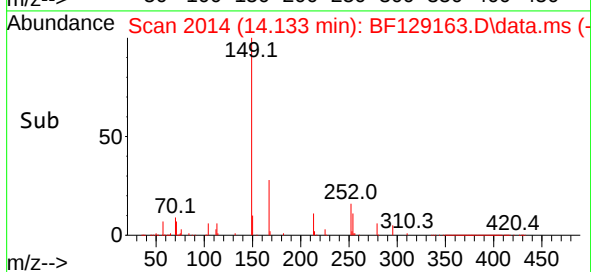
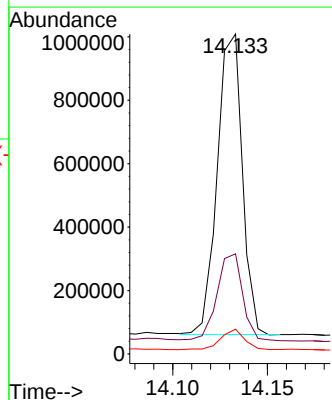
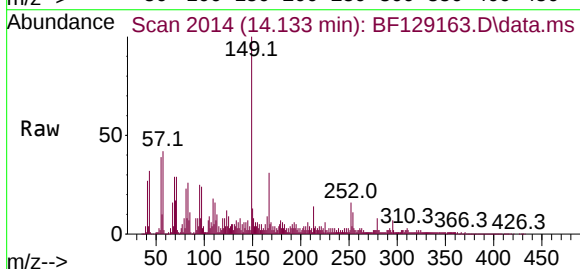
Tgt Ion:149 Resp: 872827

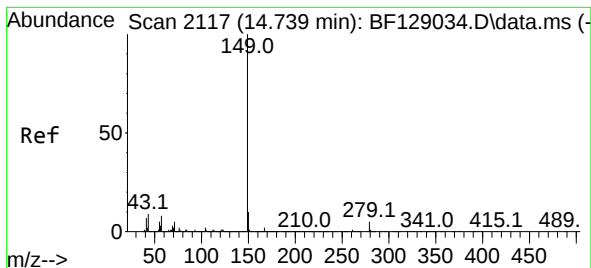
Ion Ratio Lower Upper

149 100

167 31.3 21.0 31.4

279 7.7 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 64.754 ng

RT: 14.739 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

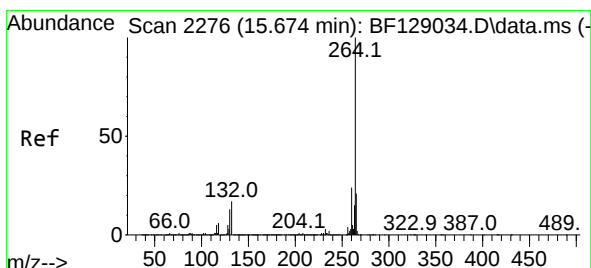
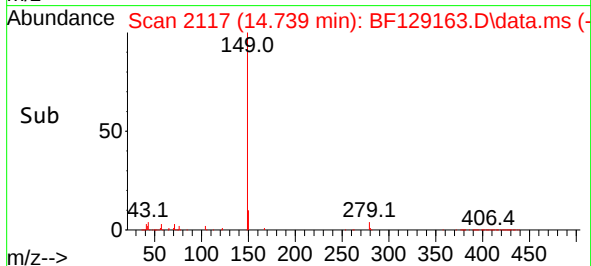
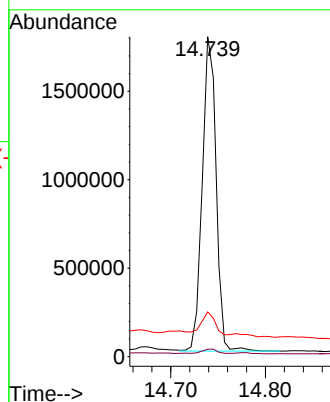
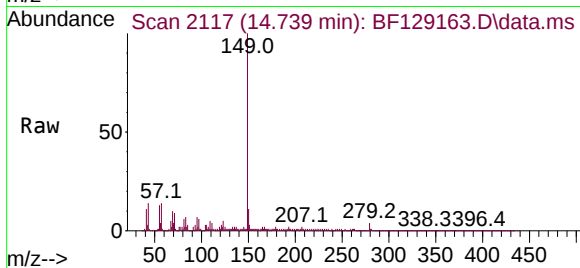
Tgt Ion:149 Resp: 1796462

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 6.7 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 2278

Delta R.T. 0.012 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

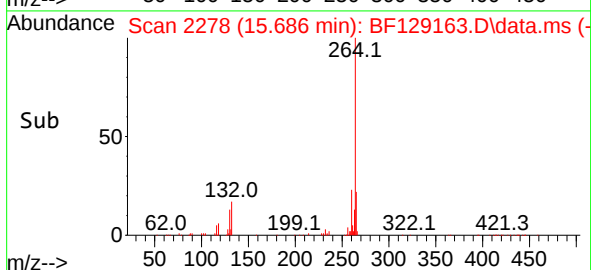
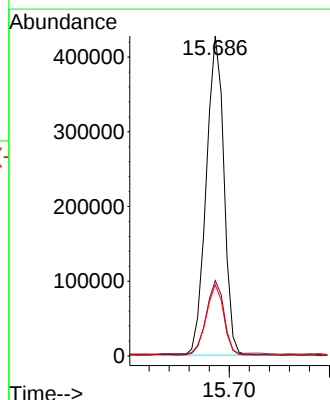
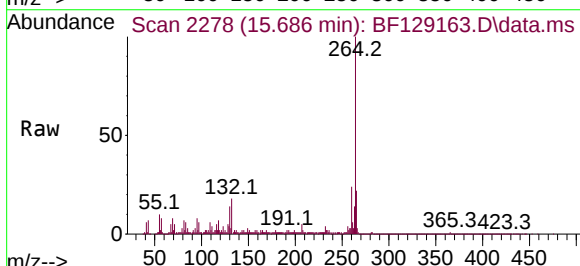
Tgt Ion:264 Resp: 523621

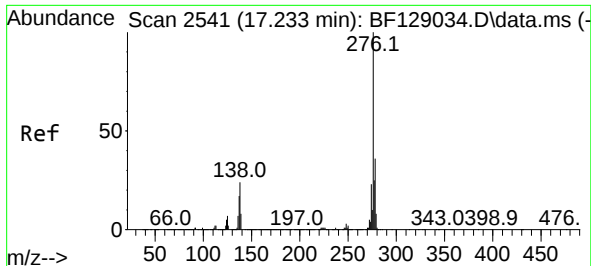
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 22.3 17.2 25.8

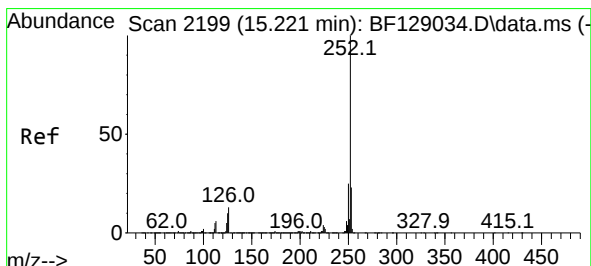
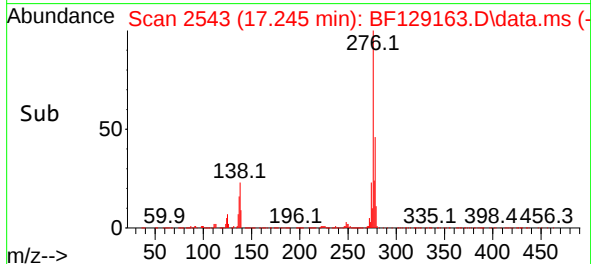
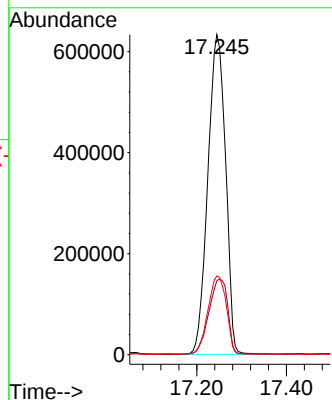
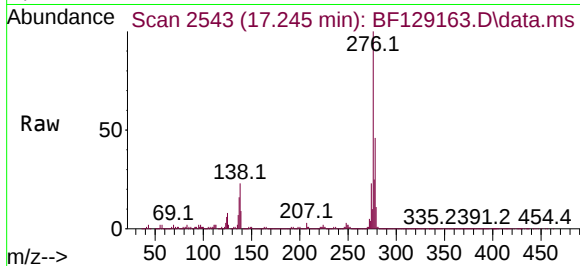




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.142 ng
RT: 17.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

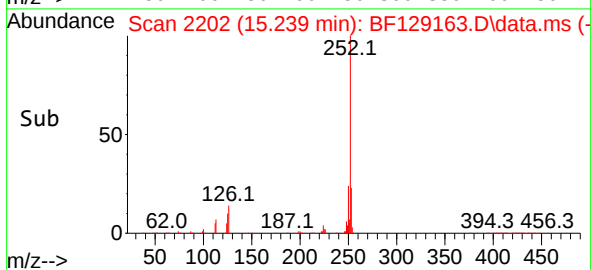
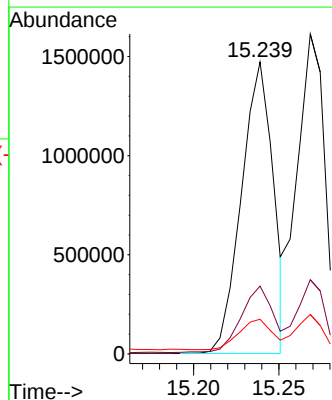
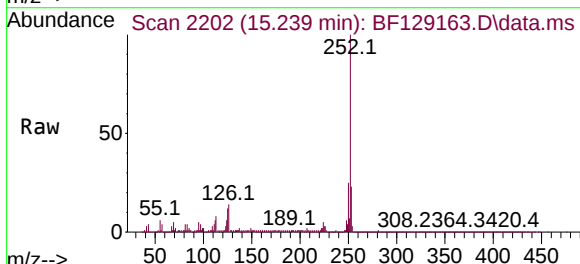
Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

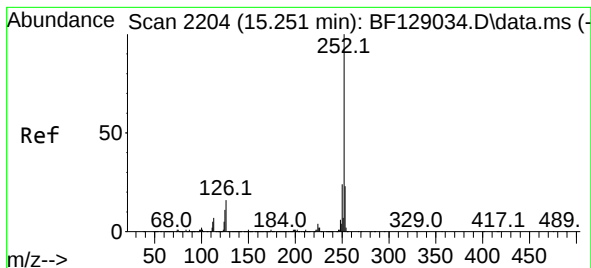
Tgt Ion:276 Resp: 1738771
Ion Ratio Lower Upper
276 100
138 24.9 21.1 31.7
277 25.4 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 60.673 ng
RT: 15.239 min Scan# 2202
Delta R.T. 0.018 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:252 Resp: 1910638
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 11.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 59.490 ng

RT: 15.268 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

Instrument :

BNA_F

ClientSampleId :

CHRT-2716SMS

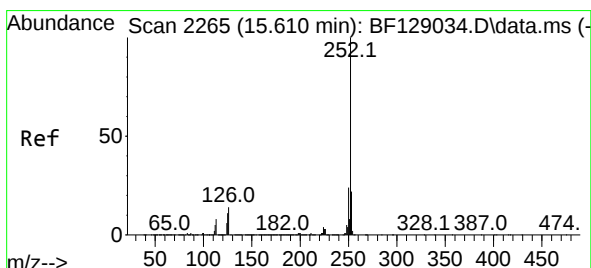
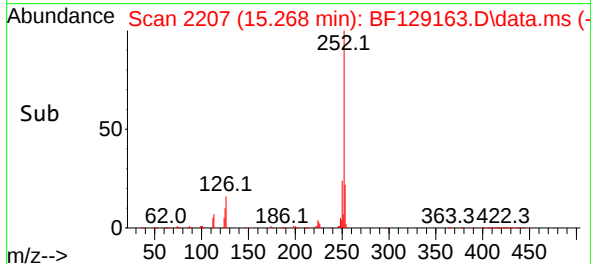
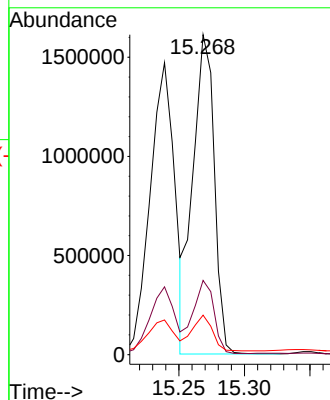
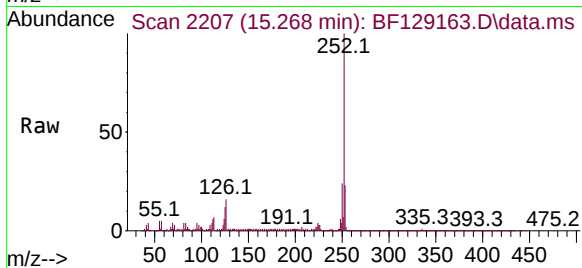
Tgt Ion:252 Resp: 1817005

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 12.3 8.3 12.5



#90

Benzo(a)pyrene

Concen: 66.292 ng

RT: 15.627 min Scan# 2268

Delta R.T. 0.018 min

Lab File: BF129163.D

Acq: 07 Jul 2022 17:24

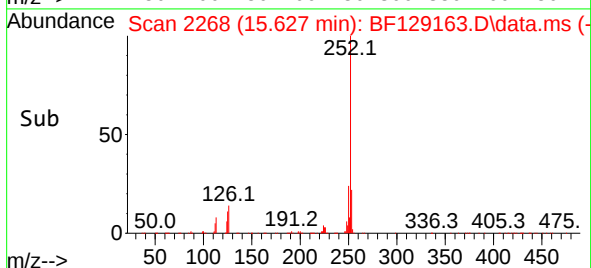
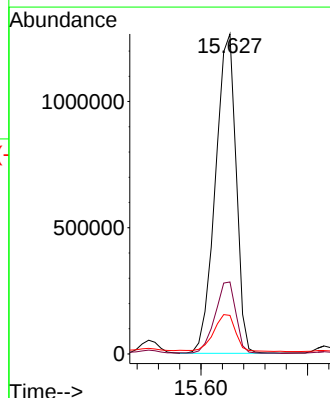
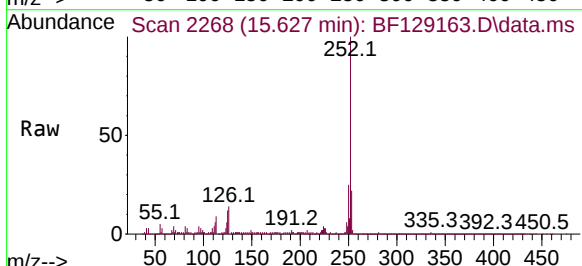
Tgt Ion:252 Resp: 1701807

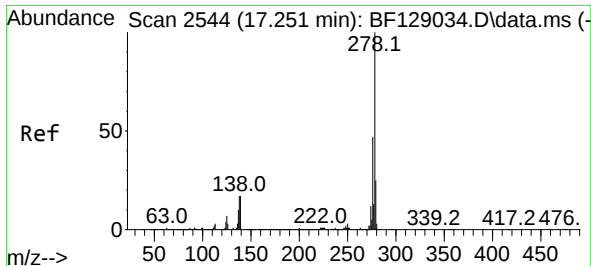
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 12.1 8.8 13.2

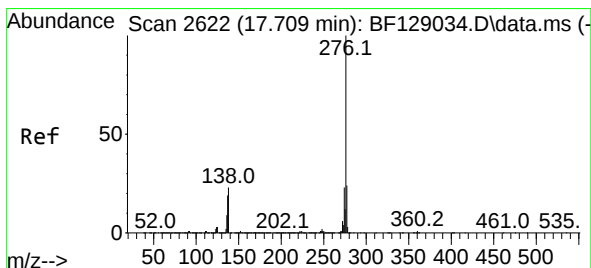
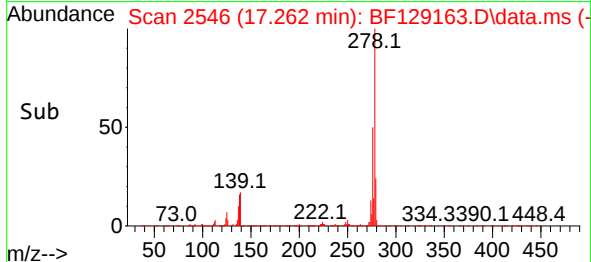
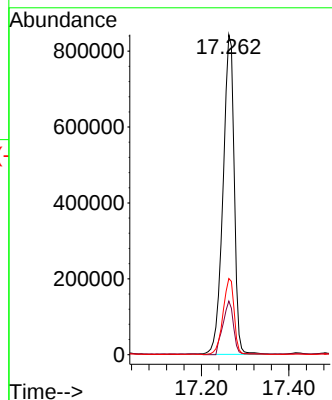
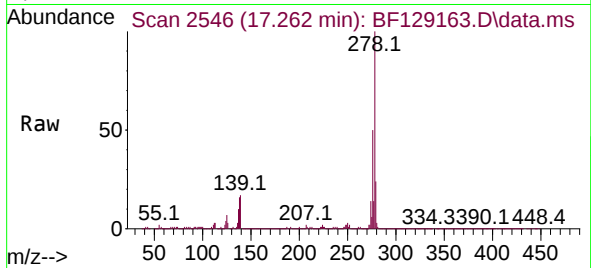




#91
Dibenzo(a,h)anthracene
Concen: 56.869 ng
RT: 17.262 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Instrument :
BNA_F
ClientSampleId :
CHRT-2716SMS

Tgt Ion:278 Resp: 1488808
Ion Ratio Lower Upper
278 100
139 16.7 12.8 19.2
279 23.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 55.014 ng
RT: 17.721 min Scan# 2624
Delta R.T. 0.012 min
Lab File: BF129163.D
Acq: 07 Jul 2022 17:24

Tgt Ion:276 Resp: 1444979
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 22.0 18.0 27.0

