

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127234.D
 Acq On : 07 Mar 2022 21:52
 Operator : CG\JU
 Sample : N1789-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27165

Quant Time: Mar 08 00:04:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

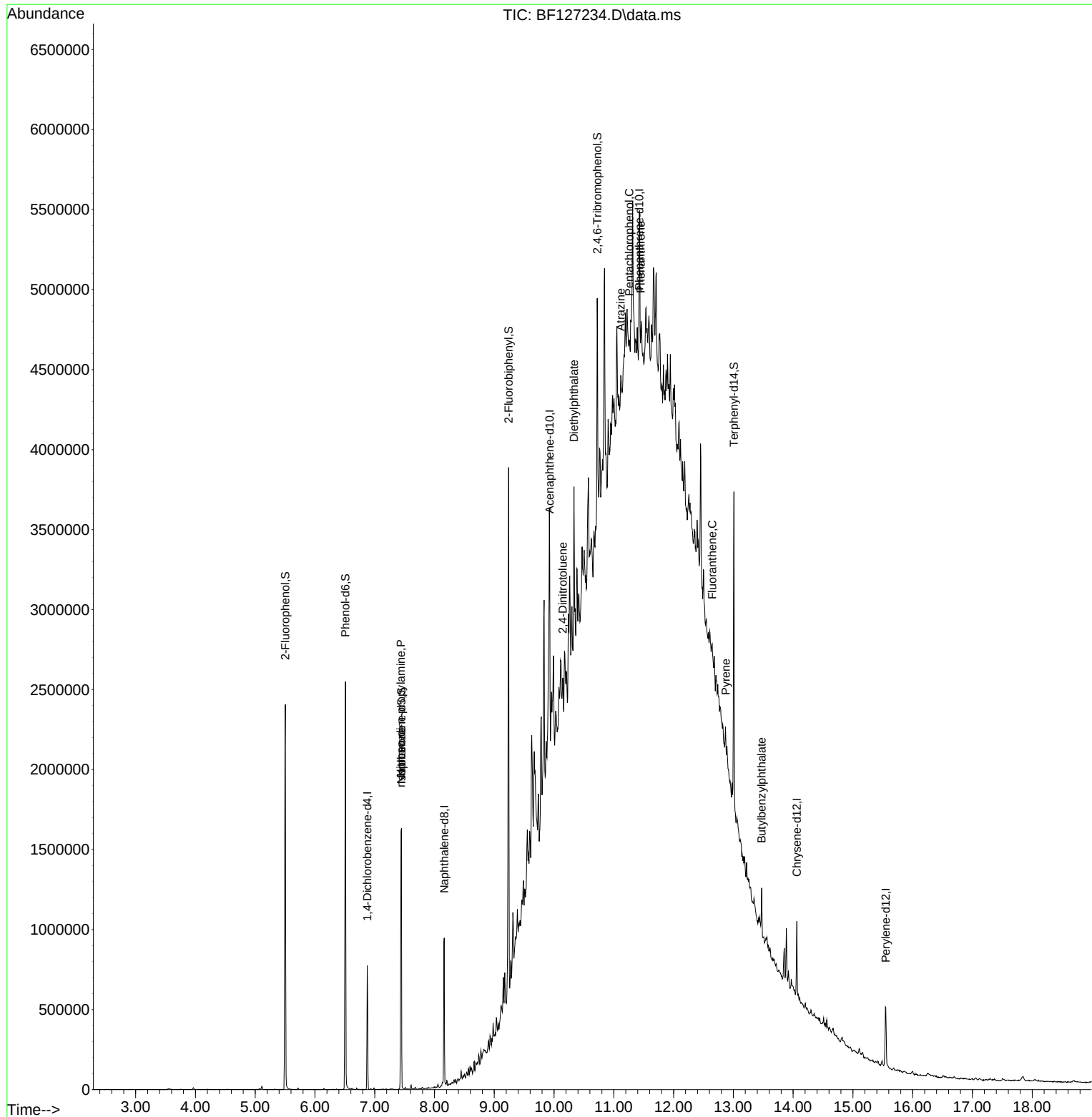
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	97899	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	399839	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	176851	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	254335	20.000	ng	# 0.01
76) Chrysene-d12	14.063	240	140361	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	160759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	628528	99.228	ng	0.00
7) Phenol-d6	6.510	99	835383	97.740	ng	0.00
23) Nitrobenzene-d5	7.445	82	578720	65.331	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	212855	104.535	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	907711	75.560	ng	0.00
79) Terphenyl-d14	13.010	244	681160	71.340	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	78717	14.293	ng	# 78
25) Isophorone	7.445	82	575546	39.265	ng	# 69
57) 2,4-Dinitrotoluene	10.145	165	12217	3.513	ng	# 32
60) Diethylphthalate	10.333	149	27775	2.103	ng	# 59
69) Atrazine	11.116	200	9354	3.616	ng	# 9
70) Pentachlorophenol	11.257	266	5723	3.427	ng	# 22
71) Phenanthrene	11.451	178	29186	2.050	ng	# 38
75) Fluoranthene	12.645	202	36005	2.664	ng	83
78) Pyrene	12.874	202	29562	2.424	ng	# 86
80) Butylbenzylphthalate	13.474	149	48730	8.441	ng	# 93

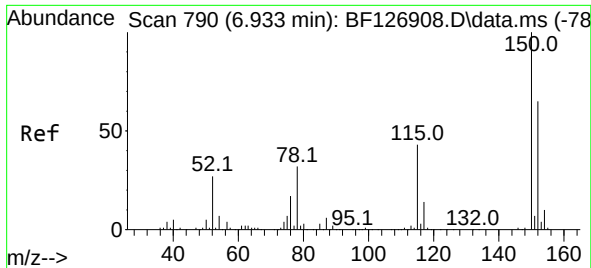
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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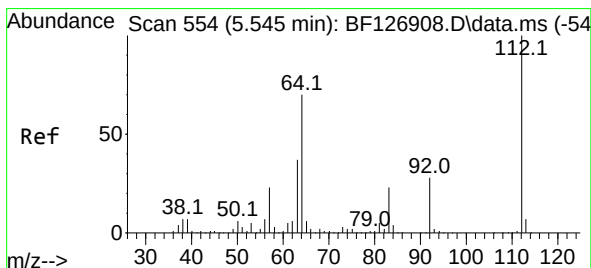
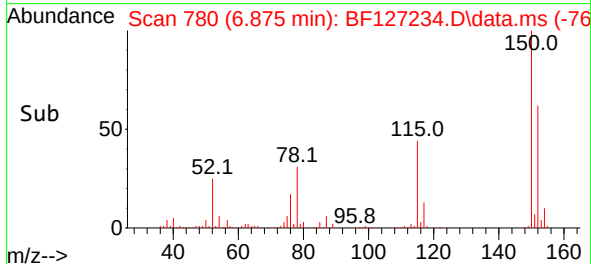
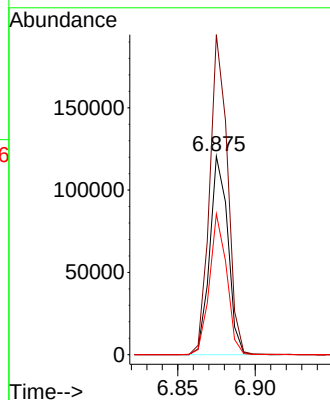
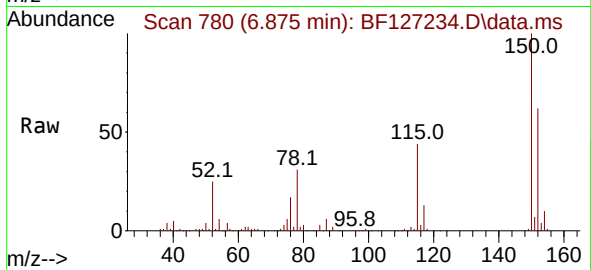




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

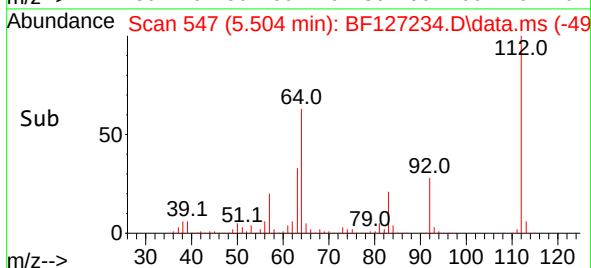
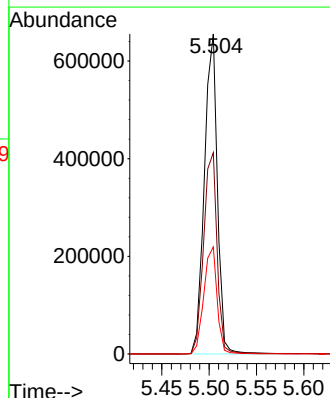
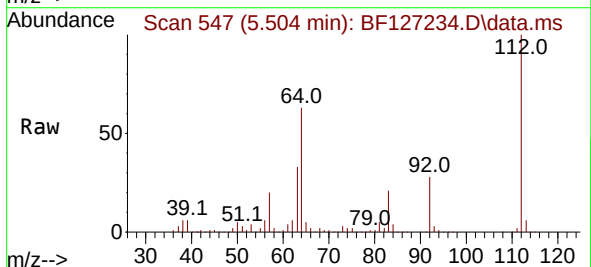
Instrument :
BNA_F
ClientSampleId :
CHRT-27165

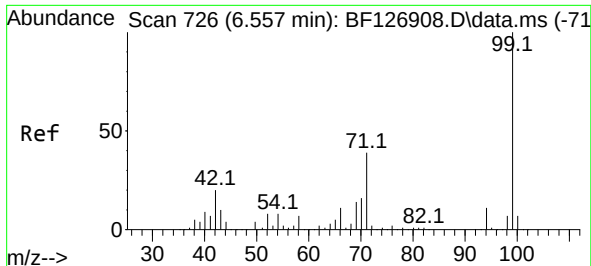
Tgt Ion:152 Resp: 97899
Ion Ratio Lower Upper
152 100
150 161.2 128.1 192.1
115 71.0 56.7 85.1



#5
2-Fluorophenol
Concen: 99.228 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

Tgt Ion:112 Resp: 628528
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 33.4 23.9 35.9

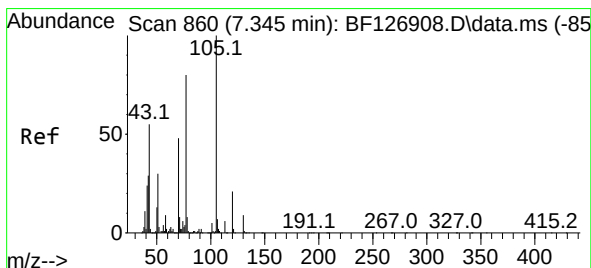
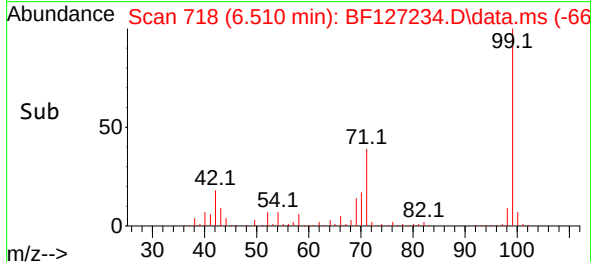
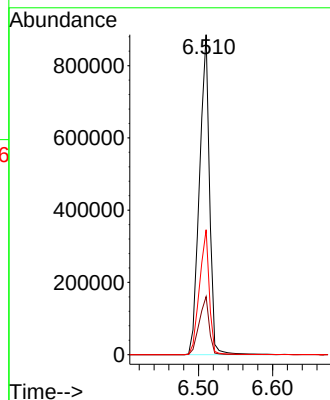
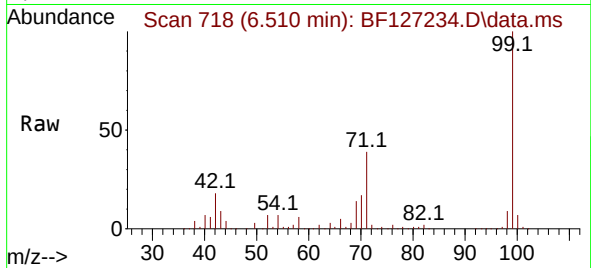




#7
Phenol-d6
Concen: 97.740 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

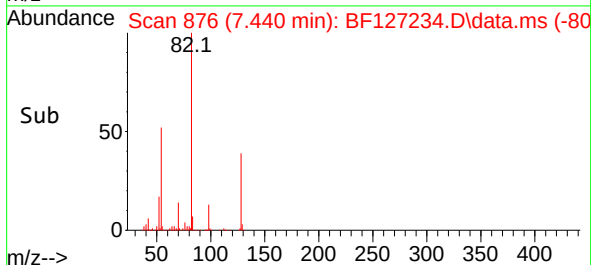
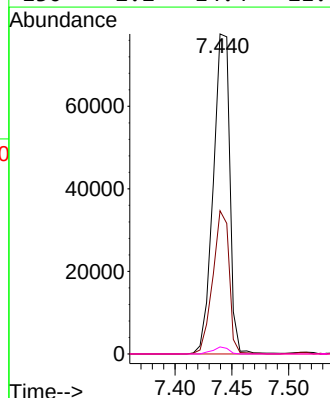
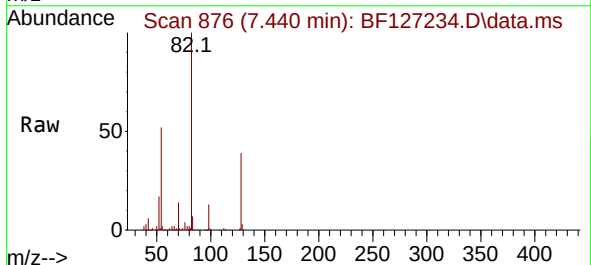
Instrument :
BNA_F
ClientSampleId :
CHRT-27165

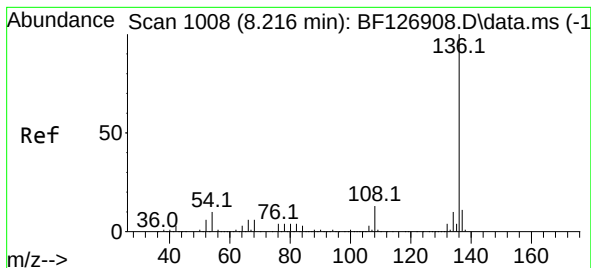
Tgt Ion: 99 Resp: 835383
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 39.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.293 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

Tgt Ion: 70 Resp: 78717
Ion Ratio Lower Upper
70 100
42 44.7 45.8 68.8#
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127234.D

Acq: 07 Mar 2022 21:52

Instrument :

BNA_F

ClientSampleId :

CHRT-27165

Tgt Ion:136 Resp: 399839

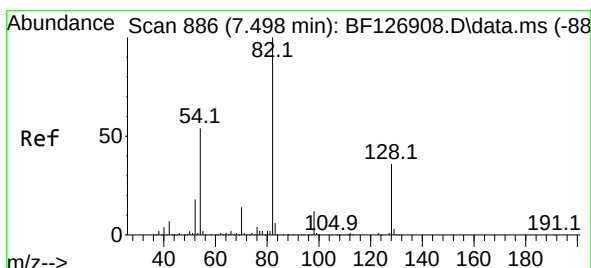
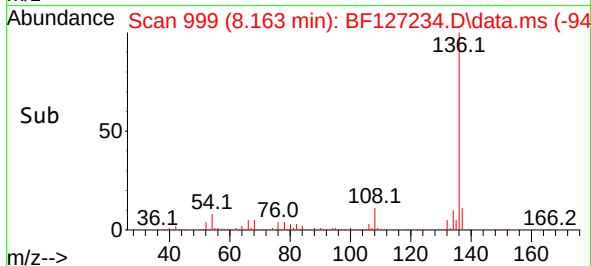
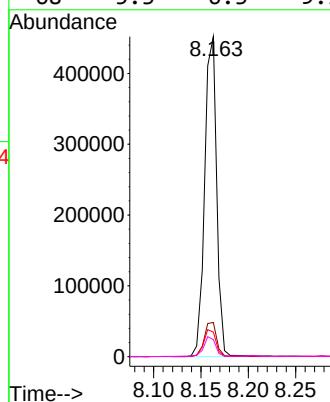
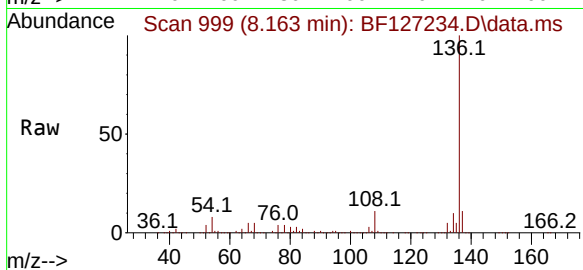
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.7 7.8 11.6#

68 5.3 6.3 9.5#



#23

Nitrobenzene-d5

Concen: 65.331 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF127234.D

Acq: 07 Mar 2022 21:52

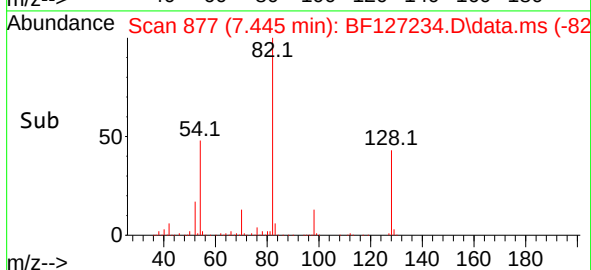
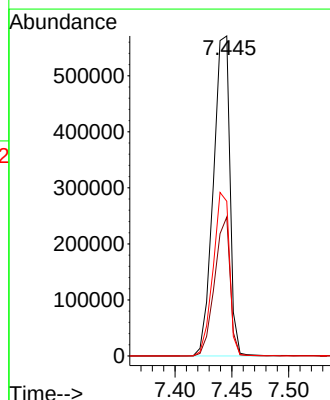
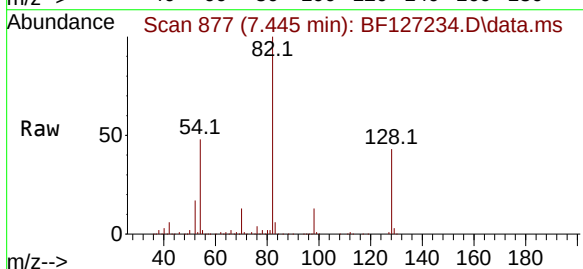
Tgt Ion: 82 Resp: 578720

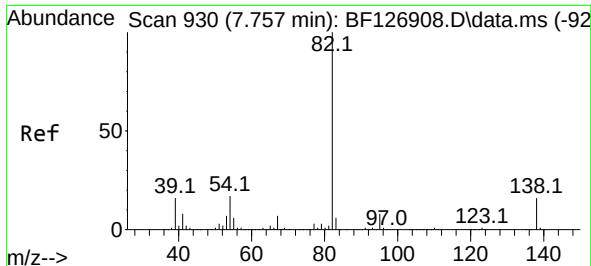
Ion Ratio Lower Upper

82 100

128 43.4 32.7 49.1

54 48.4 41.7 62.5

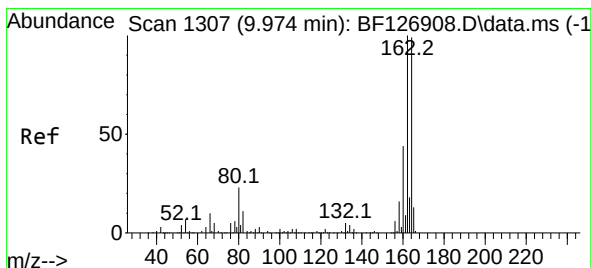
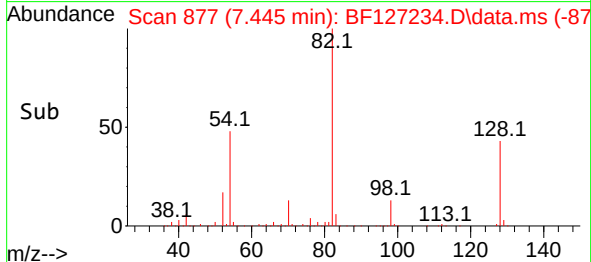
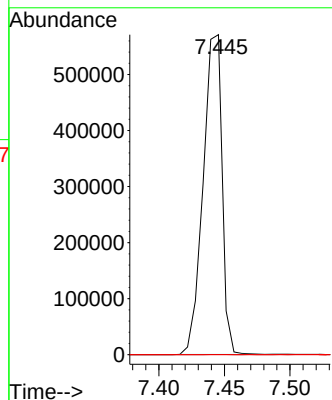
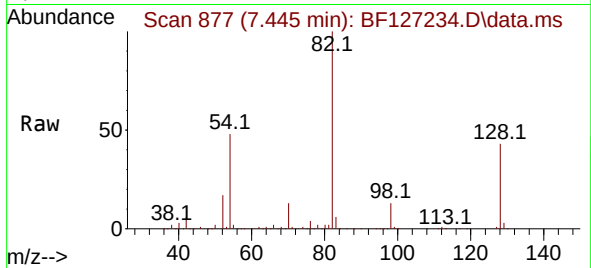




#25
Isophorone
Concen: 39.265 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

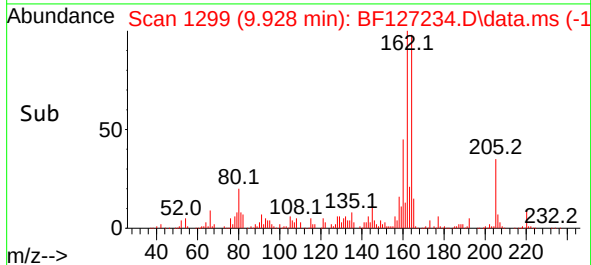
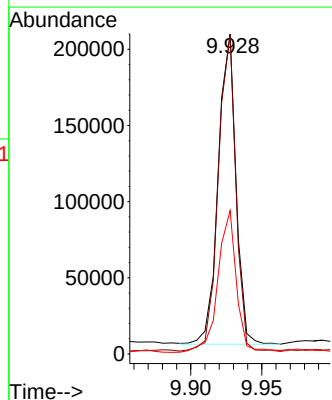
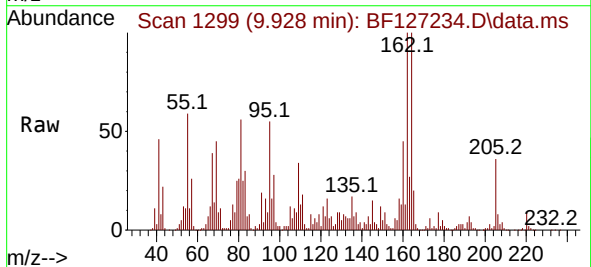
Instrument :
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CHRT-27165

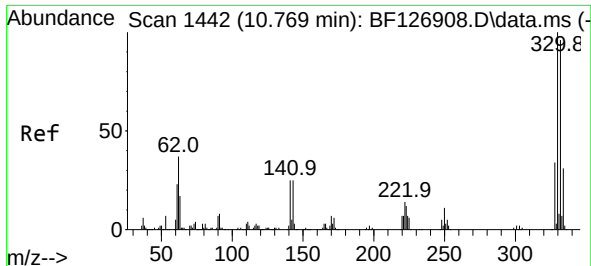
Tgt Ion: 82 Resp: 575546
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

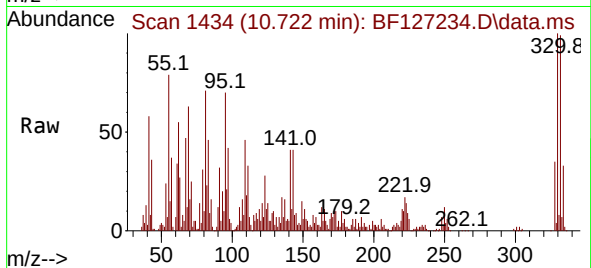
Tgt Ion:164 Resp: 176851
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 44.8 36.6 54.8



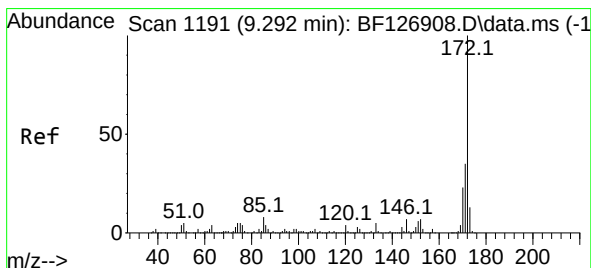
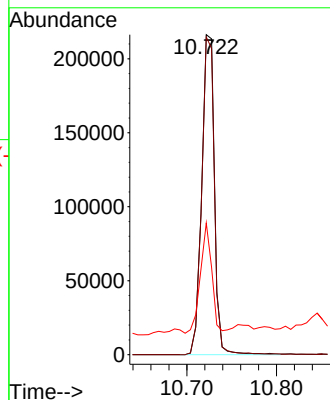
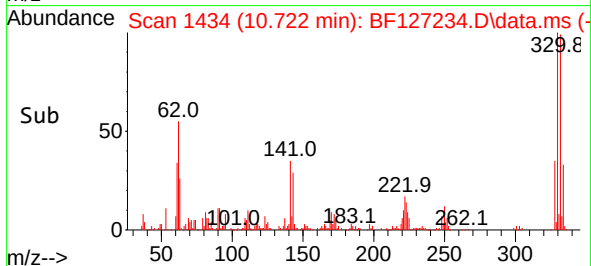


#42
2,4,6-Tribromophenol
Concen: 104.535 ng
RT: 10.722 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

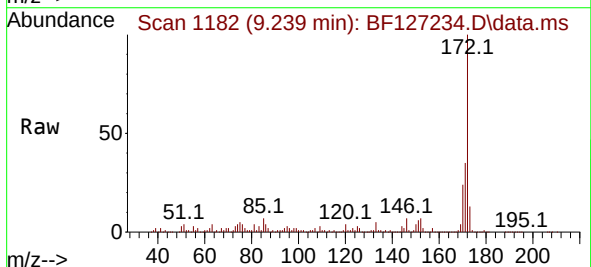
Instrument :
BNA_F
ClientSampleId :
CHRT-27165



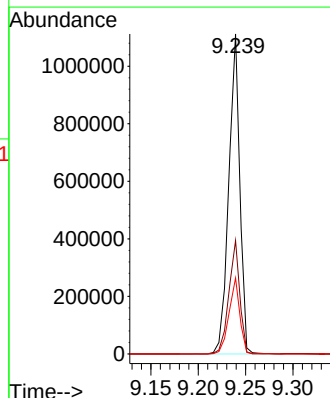
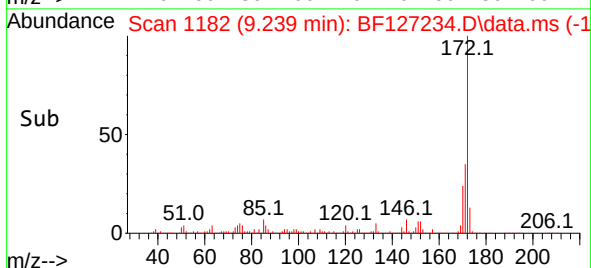
Tgt Ion:330 Resp: 212855
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 30.6 30.1 45.1

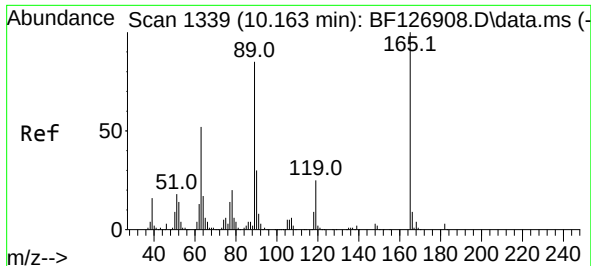


#45
2-Fluorobiphenyl
Concen: 75.560 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52



Tgt Ion:172 Resp: 907711
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 19.0 28.6

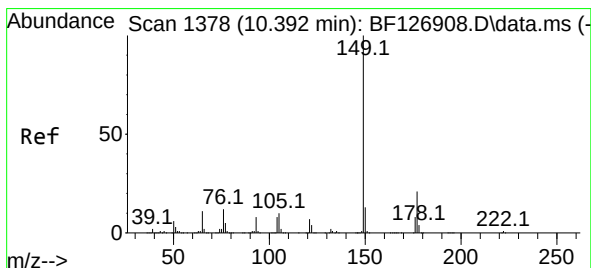
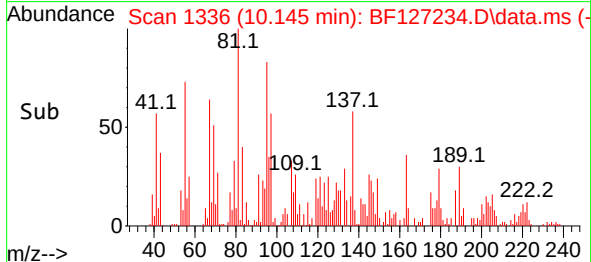
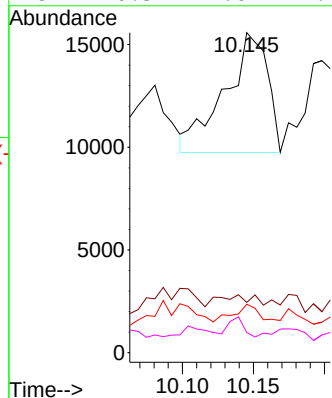
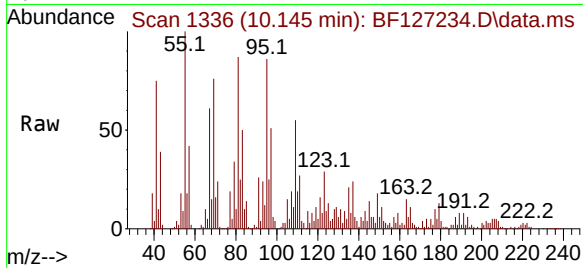




#57
2,4-Dinitrotoluene
Concen: 3.513 ng
RT: 10.145 min Scan# 1336
Delta R.T. 0.029 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

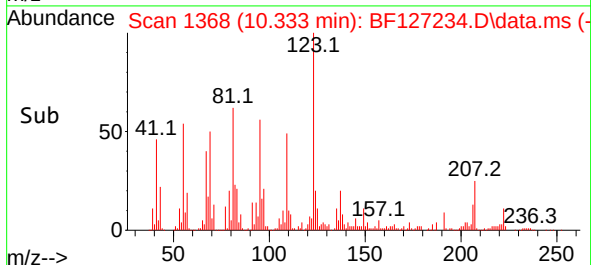
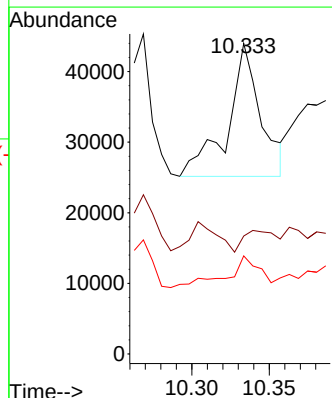
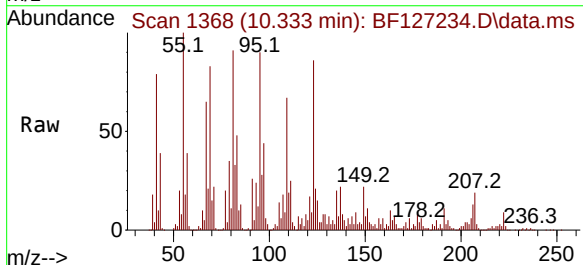
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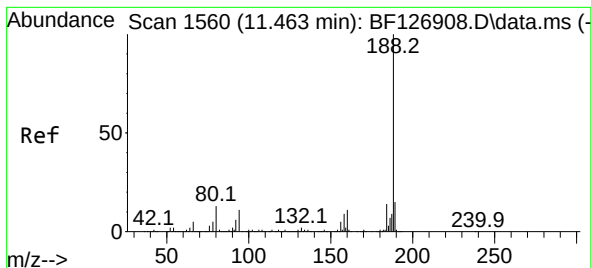
Tgt Ion:165 Resp: 12217
Ion Ratio Lower Upper
165 100
63 15.7 43.0 64.6#
89 15.1 71.0 106.4#
182 6.3 1.6 2.4#



#60
Diethylphthalate
Concen: 2.103 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

Tgt Ion:149 Resp: 27775
Ion Ratio Lower Upper
149 100
177 38.0 16.7 25.1#
150 31.6 9.8 14.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF127234.D

Acq: 07 Mar 2022 21:52

Instrument :

BNA_F

ClientSampleId :

CHRT-27165

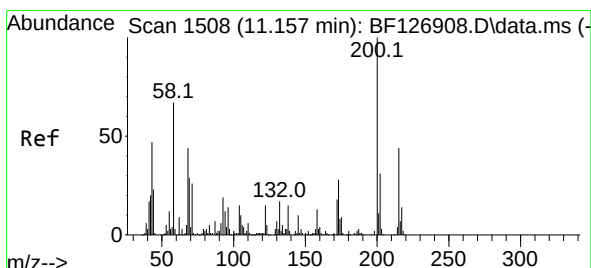
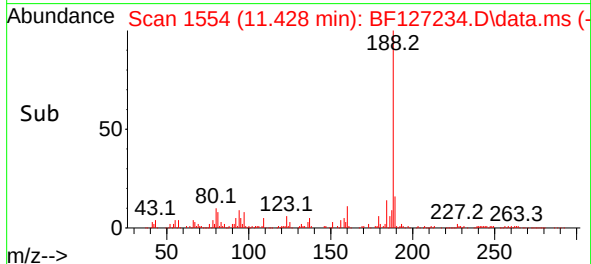
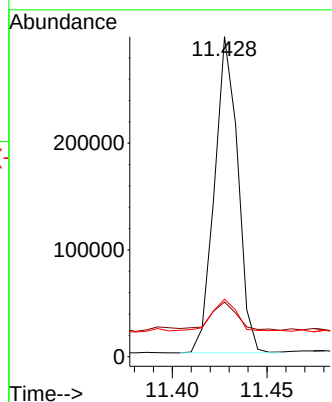
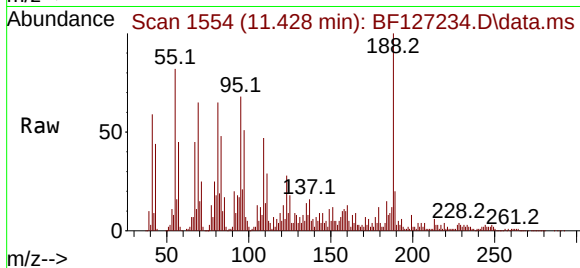
Tgt Ion:188 Resp: 254335

Ion Ratio Lower Upper

188 100

94 17.1 10.1 15.1#

80 17.9 11.8 17.6#



#69

Atrazine

Concen: 3.616 ng

RT: 11.116 min Scan# 1501

Delta R.T. 0.006 min

Lab File: BF127234.D

Acq: 07 Mar 2022 21:52

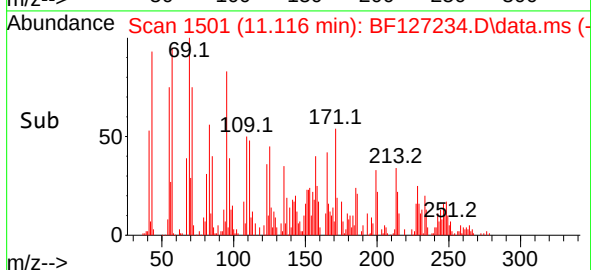
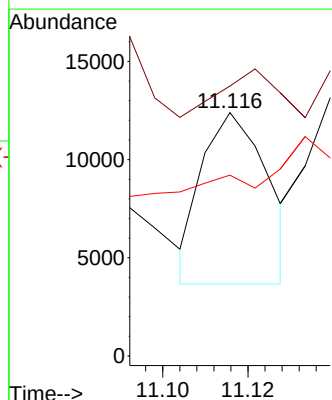
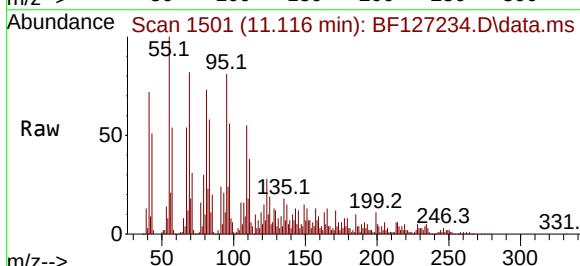
Tgt Ion:200 Resp: 9354

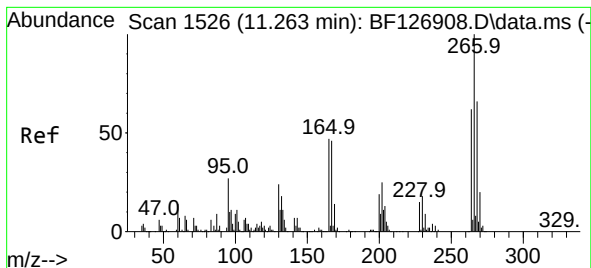
Ion Ratio Lower Upper

200 100

173 111.0 9.2 49.2#

215 74.3 23.2 63.2#





#70

Pentachlorophenol

Concen: 3.427 ng

RT: 11.257 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF127234.D

Acq: 07 Mar 2022 21:52

Instrument :

BNA_F

ClientSampleId :

CHRT-27165

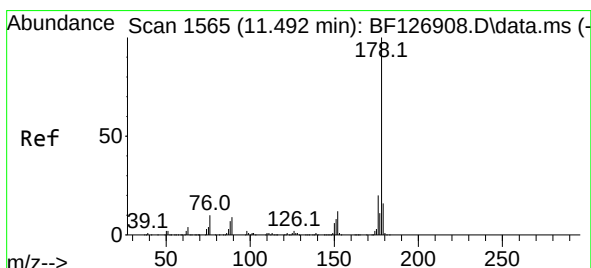
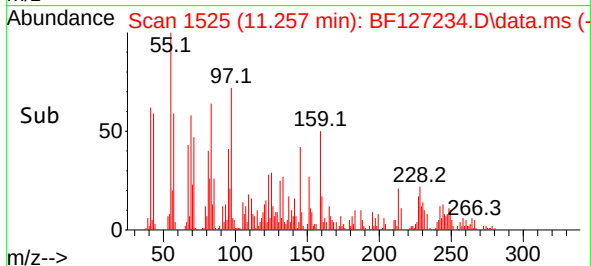
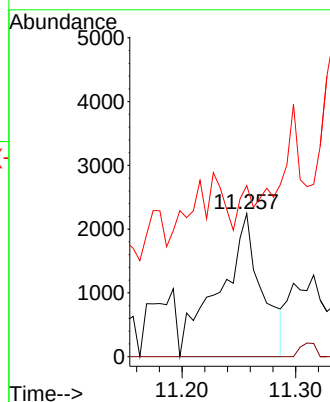
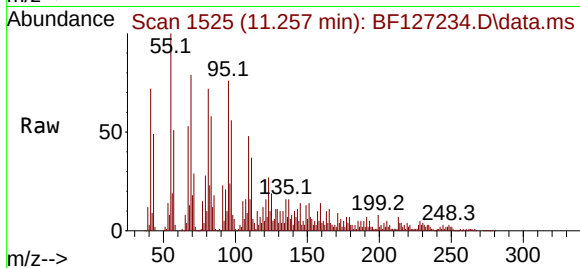
Tgt Ion:266 Resp: 5723

Ion Ratio Lower Upper

266 100

268 0.0 52.3 78.5#

264 119.6 50.4 75.6#



#71

Phenanthrene

Concen: 2.050 ng

RT: 11.451 min Scan# 1558

Delta R.T. 0.012 min

Lab File: BF127234.D

Acq: 07 Mar 2022 21:52

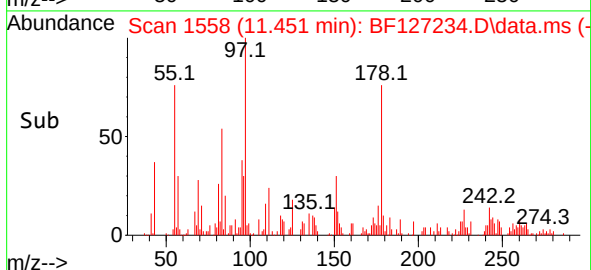
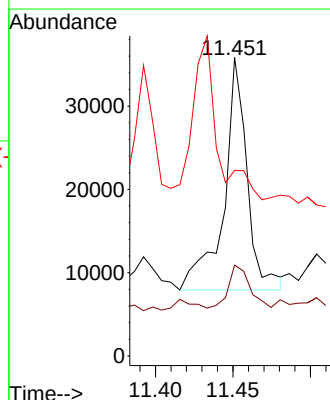
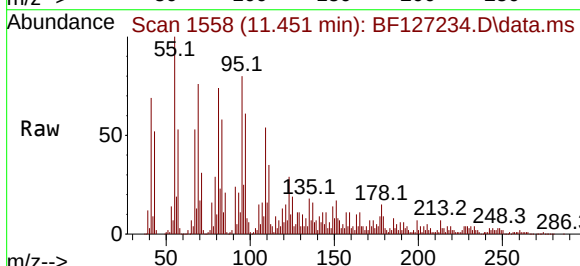
Tgt Ion:178 Resp: 29186

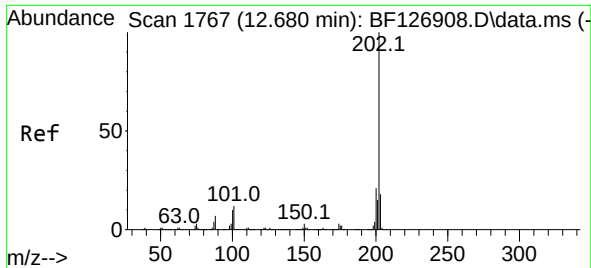
Ion Ratio Lower Upper

178 100

176 30.5 15.7 23.5#

179 62.2 12.3 18.5#

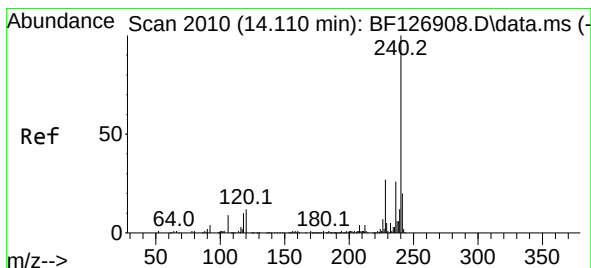
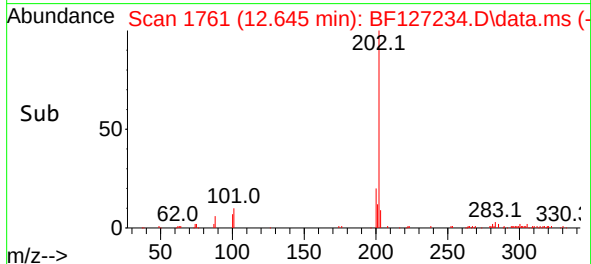
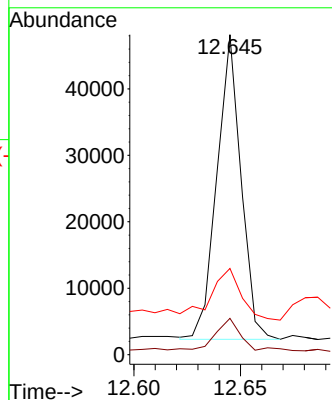
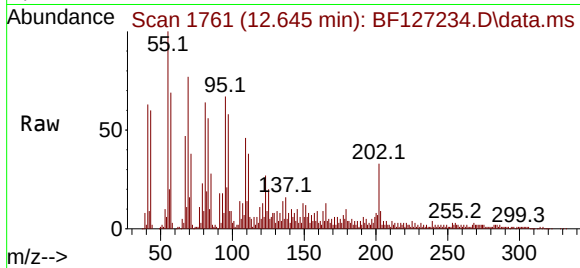




#75
Fluoranthene
Concen: 2.664 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

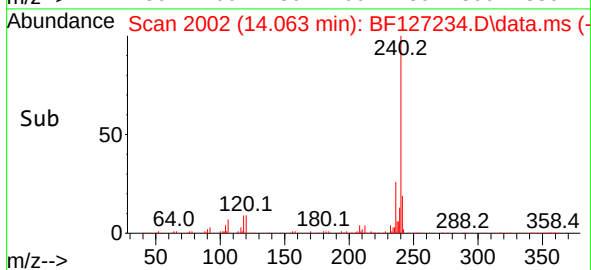
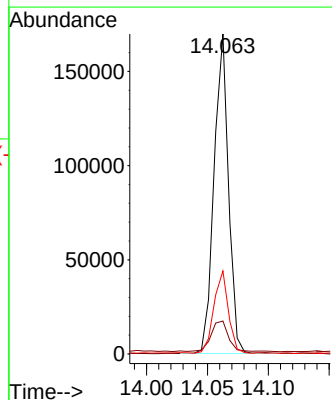
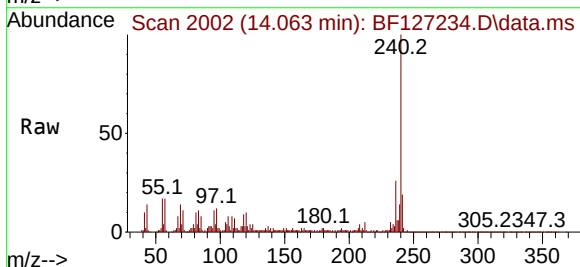
Instrument :
BNA_F
ClientSampleId :
CHRT-27165

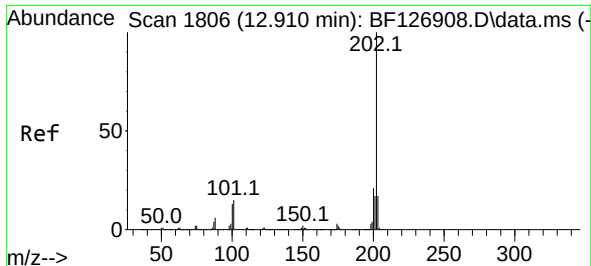
Tgt Ion:202 Resp: 36005
Ion Ratio Lower Upper
202 100
101 11.4 0.0 35.7
203 27.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF127234.D
Acq: 07 Mar 2022 21:52

Tgt Ion:240 Resp: 140361
Ion Ratio Lower Upper
240 100
120 10.3 14.4 21.6#
236 26.0 20.5 30.7

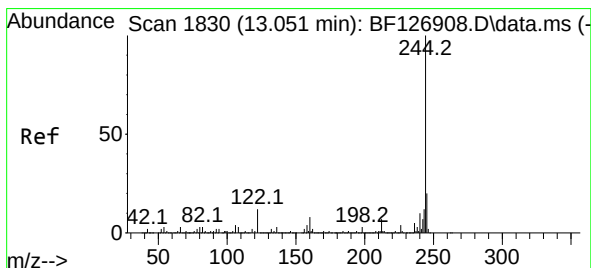
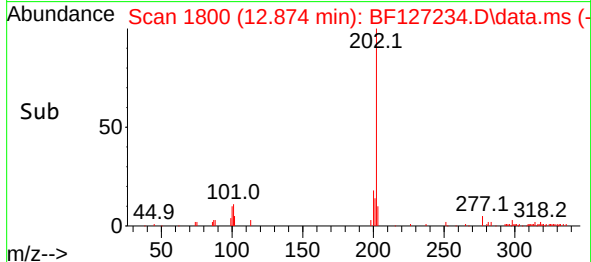
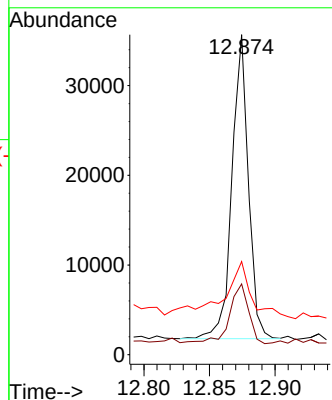
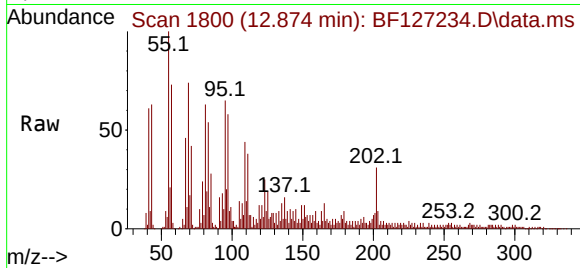




#78
 Pyrene
 Concen: 2.424 ng
 RT: 12.874 min Scan# 1800
 Delta R.T. 0.012 min
 Lab File: BF127234.D
 Acq: 07 Mar 2022 21:52

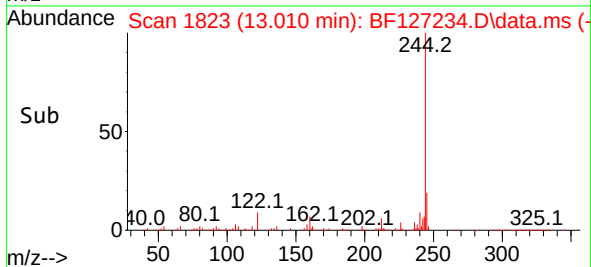
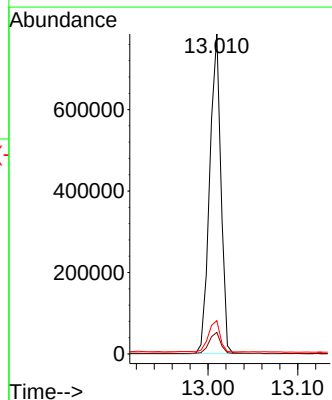
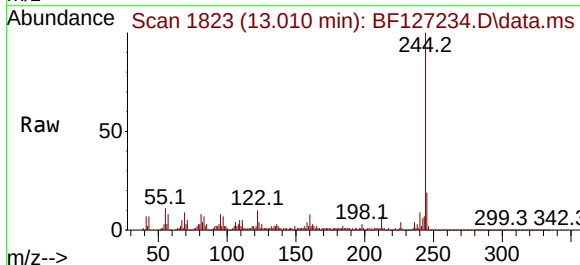
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27165

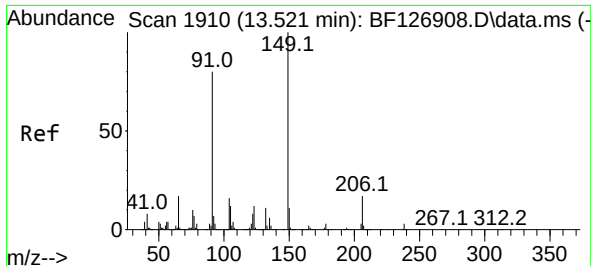
Tgt Ion:202 Resp: 29562
 Ion Ratio Lower Upper
 202 100
 200 22.1 16.6 24.8
 203 29.1 13.8 20.8#



#79
 Terphenyl-d14
 Concen: 71.340 ng
 RT: 13.010 min Scan# 1823
 Delta R.T. 0.012 min
 Lab File: BF127234.D
 Acq: 07 Mar 2022 21:52

Tgt Ion:244 Resp: 681160
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.4 13.3 19.9#





#80

Butylbenzylphthalate

Concen: 8.441 ng

RT: 13.474 min Scan# 1910

Delta R.T. 0.000 min

Lab File: BF127234.D

Acq: 07 Mar 2022 21:52

Instrument :

BNA_F

ClientSampleId :

CHRT-27165

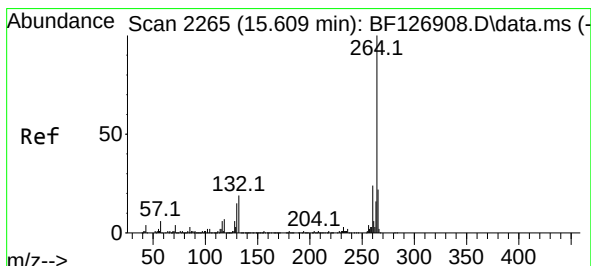
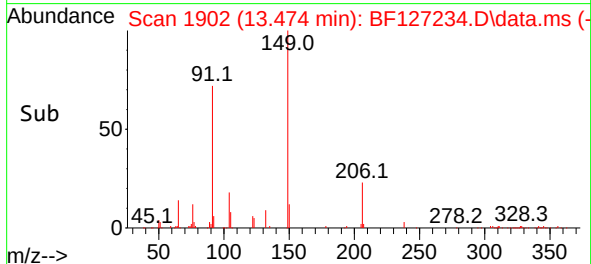
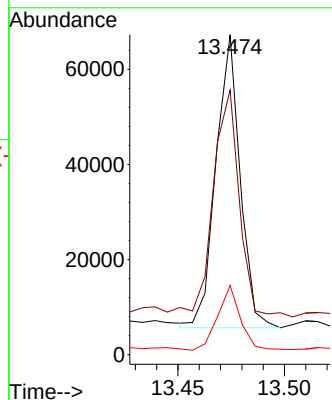
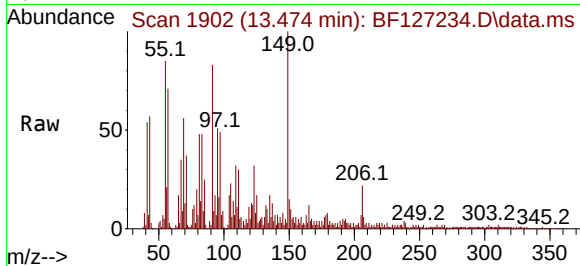
Tgt Ion:149 Resp: 48730

Ion Ratio Lower Upper

149 100

91 82.7 70.5 105.7

206 21.6 12.6 19.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF127234.D

Acq: 07 Mar 2022 21:52

Tgt Ion:264 Resp: 160759

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.9 17.4 26.2

