

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122746.D
 Acq On : 16 Dec 2020 13:05
 Operator : JU/CG
 Sample : L5091-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20057

Quant Time: Dec 16 13:50:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

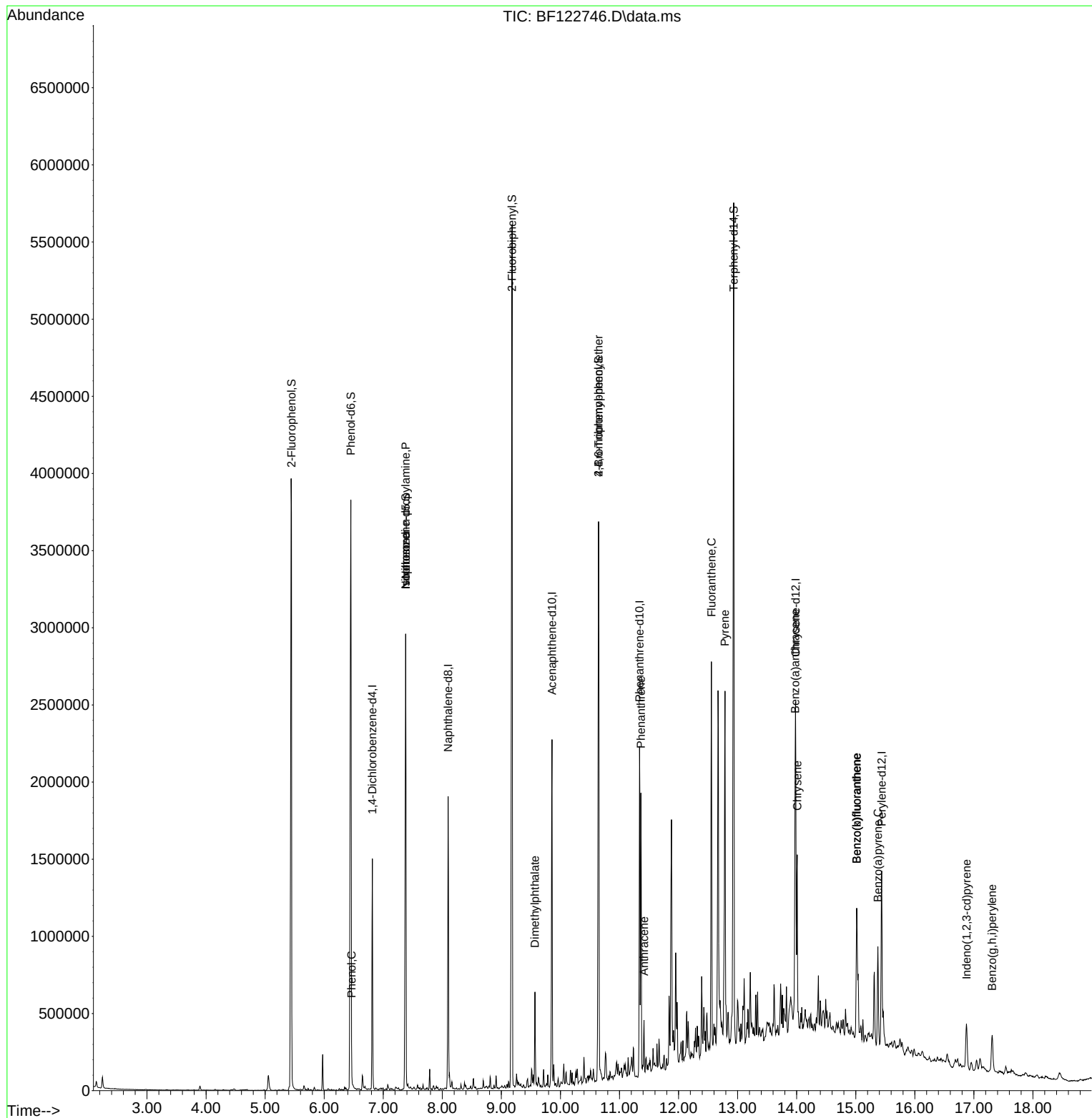
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	217418	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	870302	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	464884	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	822995	20.00	ng	0.00
76) Chrysene-d12	13.980	240	592643	20.00	ng	0.00
86) Perylene-d12	15.439	264	537591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1371278	99.85	ng	0.01
7) Phenol-d6	6.451	99	1782179	97.85	ng	0.00
23) Nitrobenzene-d5	7.381	82	1137127	65.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	573892	94.31	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1999315	58.17	ng	0.00
79) Terphenyl-d14	12.933	244	2008333	59.32	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.463	94	49280	2.61	ng	85
19) n-Nitroso-di-n-propyla...	7.381	70	152071	14.58	ng	# 77
25) Isophorone	7.381	82	1137114	38.01	ng	# 65
50) Dimethylphthalate	9.569	163	209645	5.65	ng	99
67) 4-Bromophenyl-phenylether	10.645	248	35612	3.19	ng	# 1
71) Phenanthrene	11.363	178	639049	13.07	ng	99
72) Anthracene	11.416	178	127227	2.62	ng	97
75) Fluoranthene	12.557	202	953478	18.59	ng	99
78) Pyrene	12.786	202	960841	20.97	ng	100
81) Benzo(a)anthracene	13.974	228	457218	11.54	ng	99
83) Chrysene	14.010	228	469766	11.92	ng	97
87) Indeno(1,2,3-cd)pyrene	16.874	276	189018	5.36	ng	96
88) Benzo(b)fluoranthene	15.015	252	613544	16.27	ng	99
89) Benzo(k)fluoranthene	15.015	252	613544	17.79	ng	100
90) Benzo(a)pyrene	15.374	252	316832	9.60	ng	99
92) Benzo(g,h,i)perylene	17.309	276	187350	6.70	ng	99

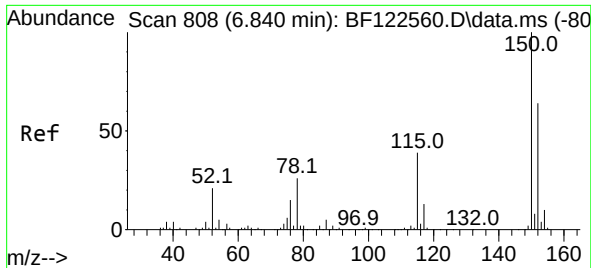
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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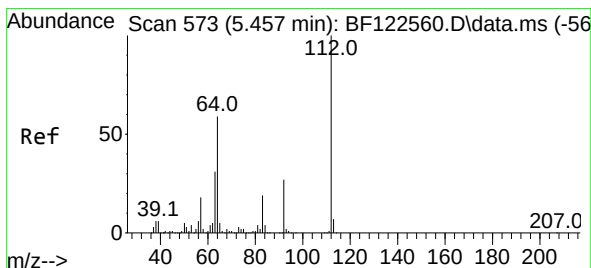
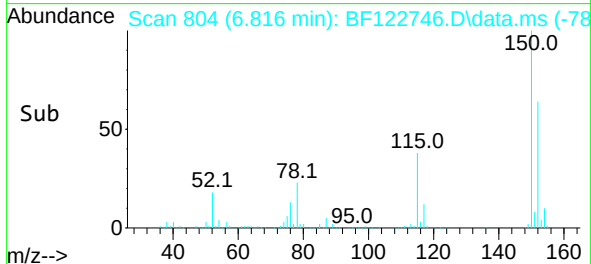
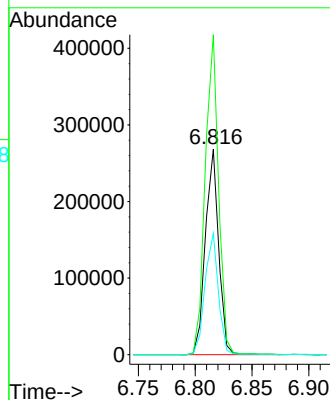
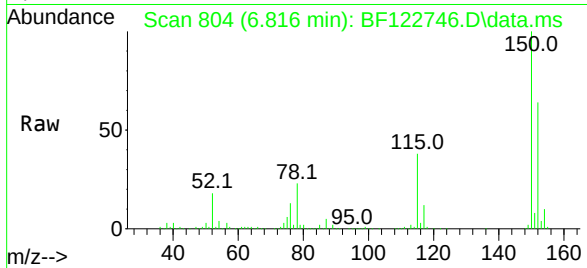




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

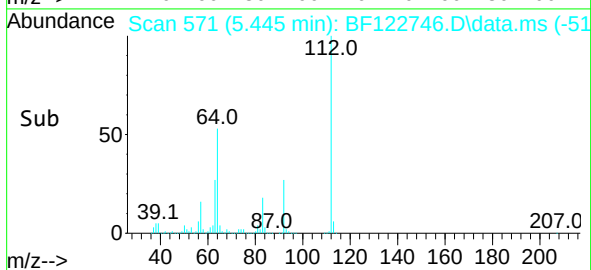
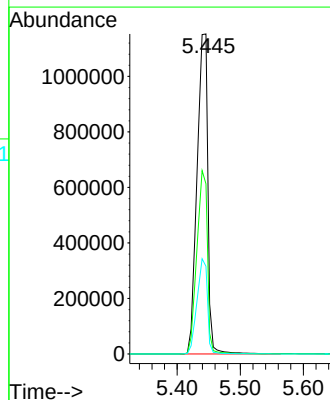
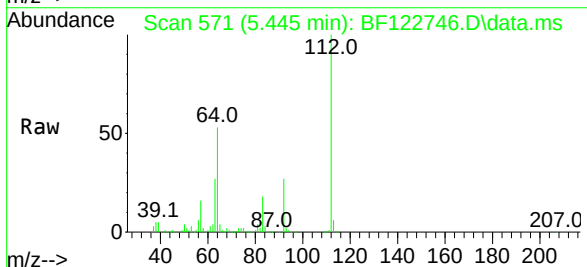
Instrument :
BNA_F
ClientSampleId :
CHRT-20057

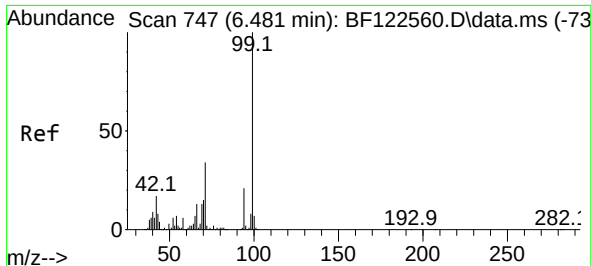
Tgt Ion:152 Resp: 217418
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 59.1 49.3 73.9



#5
2-Fluorophenol
Concen: 99.85 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion:112 Resp: 1371278
Ion Ratio Lower Upper
112 100
64 53.1 46.9 70.3
63 27.4 24.5 36.7



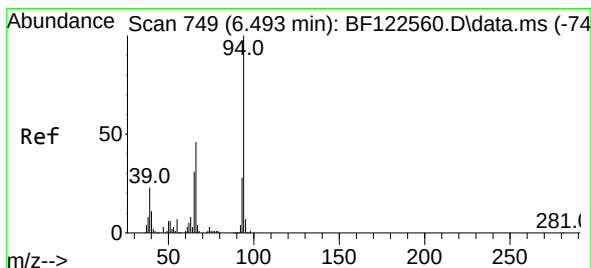
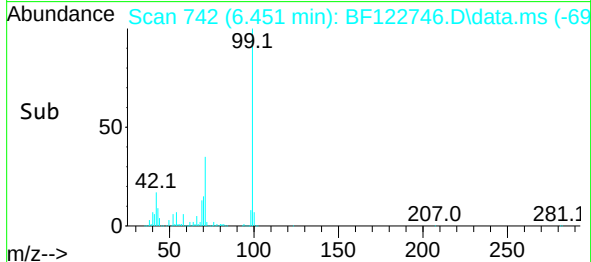
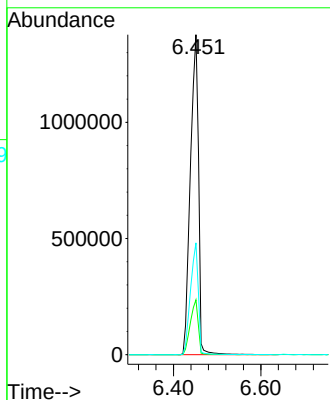
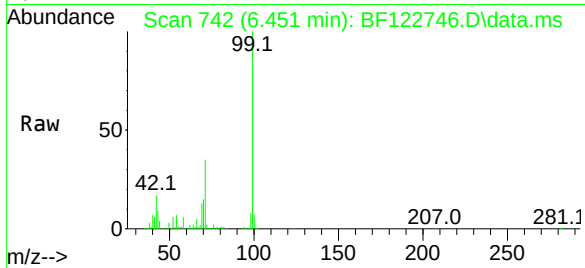


#7
Phenol-d6
Concen: 97.85 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Instrument :
BNA_F
ClientSampleId :
CHRT-20057

Tgt Ion: 99 Resp: 1782179

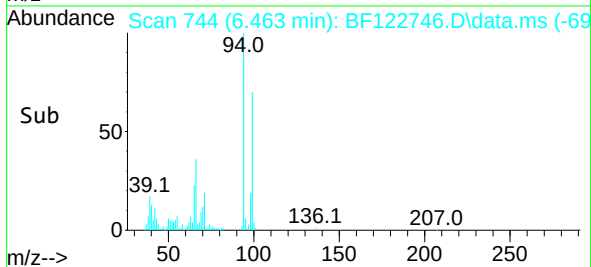
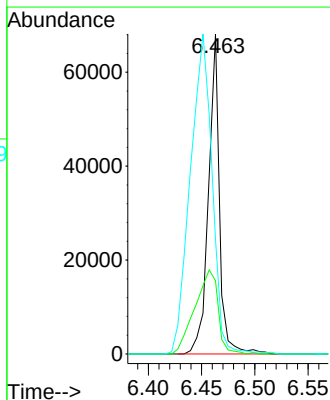
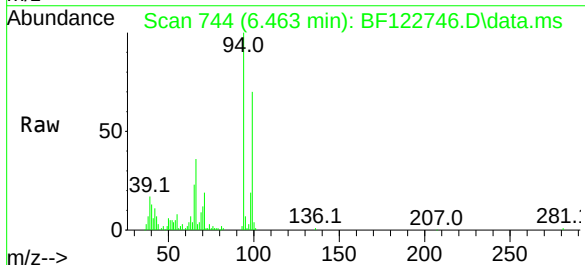
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.6
71	34.9	26.9	40.3

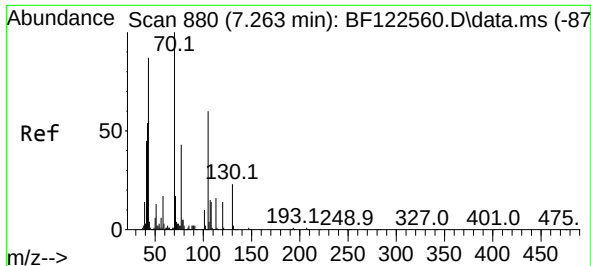


#10
Phenol
Concen: 2.61 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion: 94 Resp: 49280

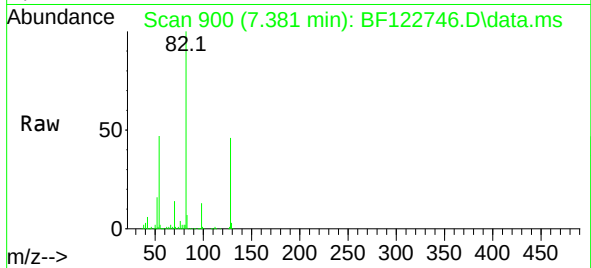
Ion	Ratio	Lower	Upper
94	100		
65	22.9	11.2	51.2
66	35.9	25.8	65.8



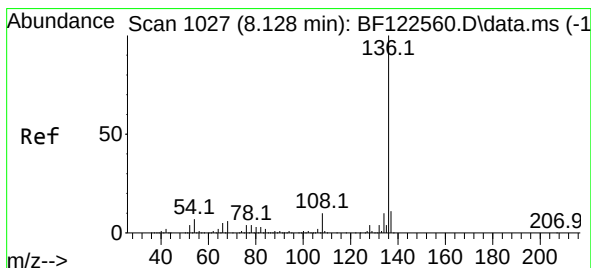
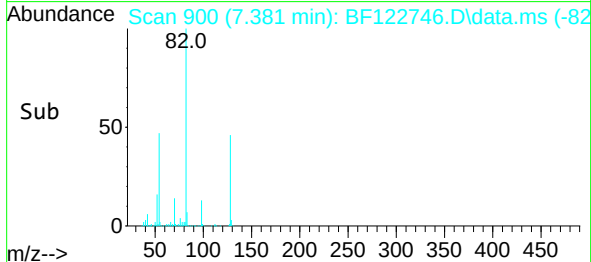
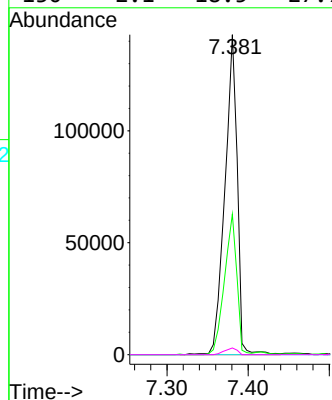


#19
n-Nitroso-di-n-propylamine
Concen: 14.58 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Instrument :
BNA_F
ClientSampleId :
CHRT-20057

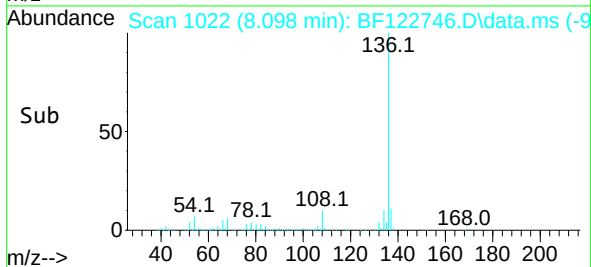
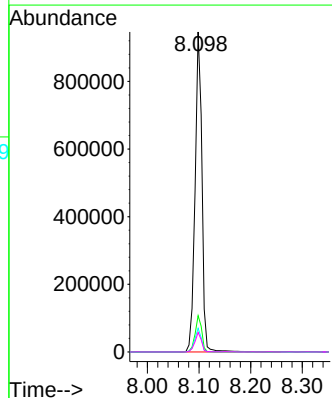
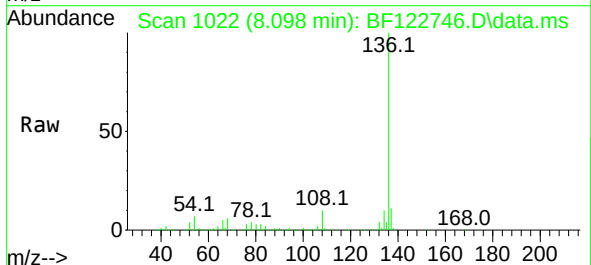


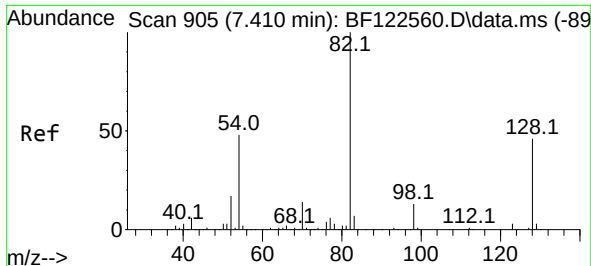
Tgt Ion: 70 Resp: 152071
Ion Ratio Lower Upper
70 100
42 43.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion: 136 Resp: 870302
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.4 5.5 8.3
68 6.1 4.6 6.8

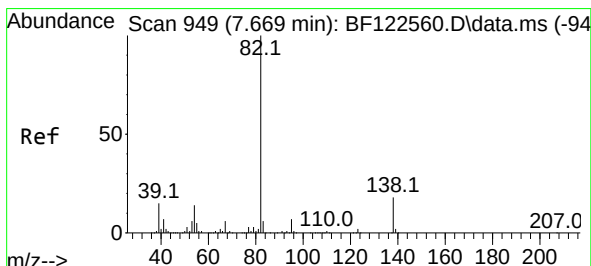
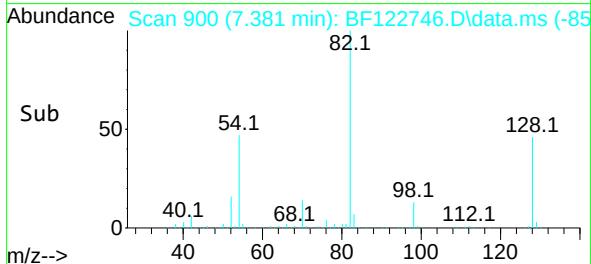
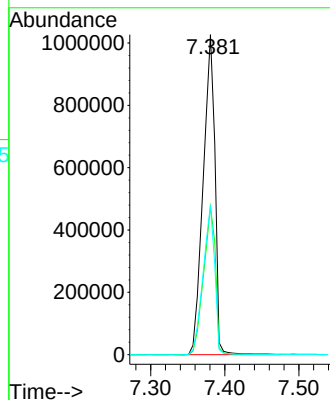
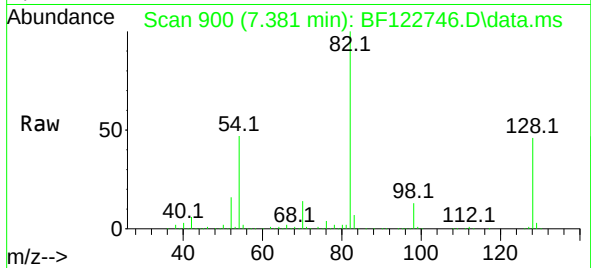




#23
Nitrobenzene-d5
Concen: 65.46 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

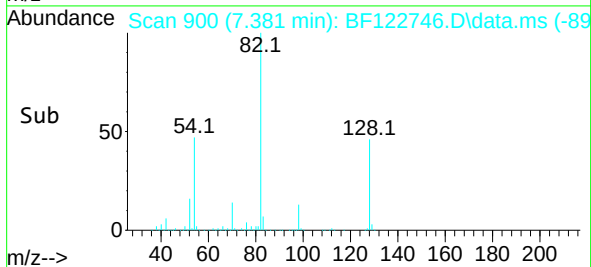
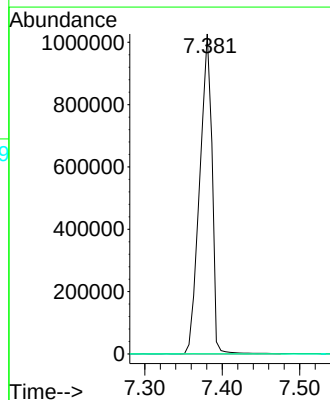
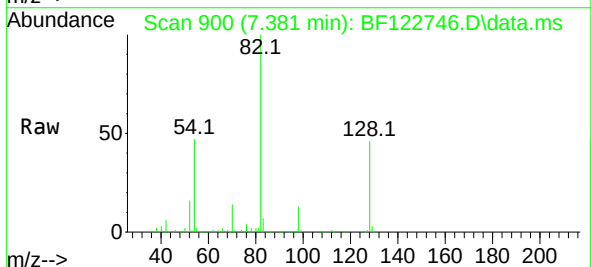
Instrument :
BNA_F
ClientSampleId :
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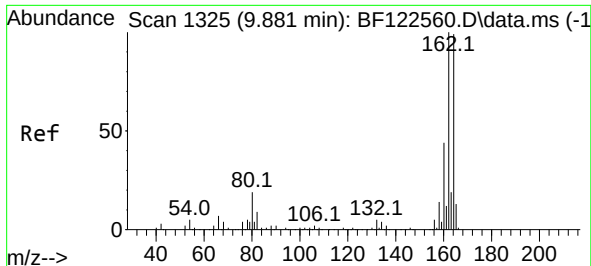
Tgt Ion: 82 Resp: 1137127
Ion Ratio Lower Upper
82 100
128 46.3 37.0 55.4
54 46.8 38.4 57.6



#25
Isophorone
Concen: 38.01 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion: 82 Resp: 1137114
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#

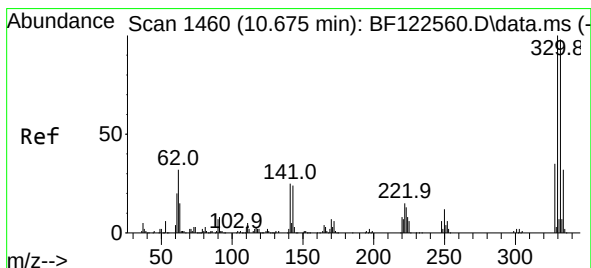
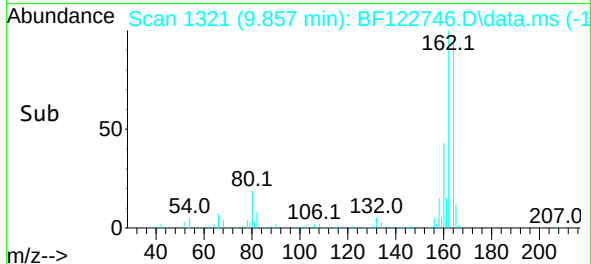
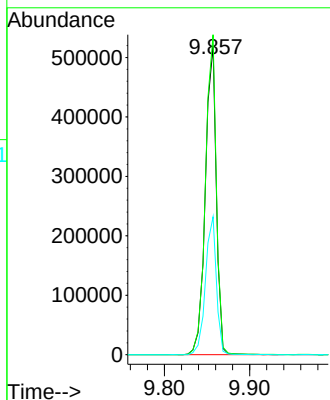
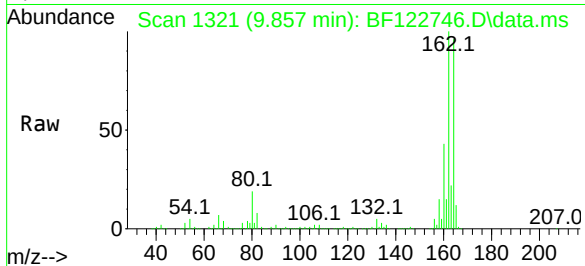




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

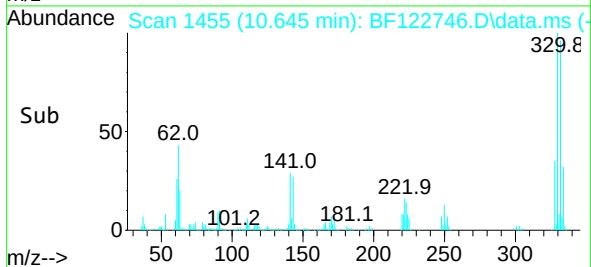
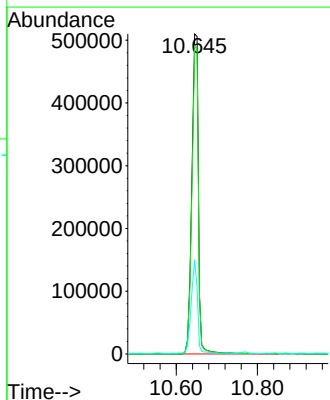
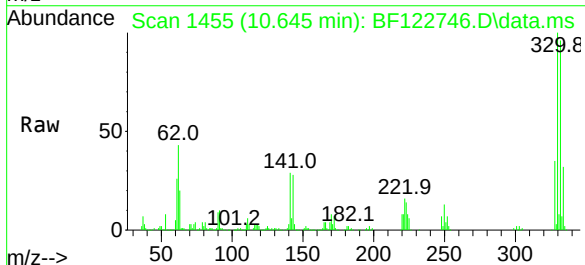
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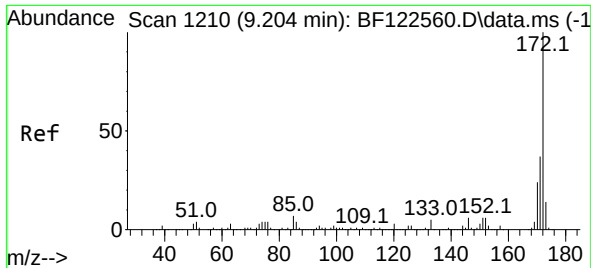
Tgt Ion:164 Resp: 464884
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 94.31 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion:330 Resp: 573892
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 27.9 23.8 35.8

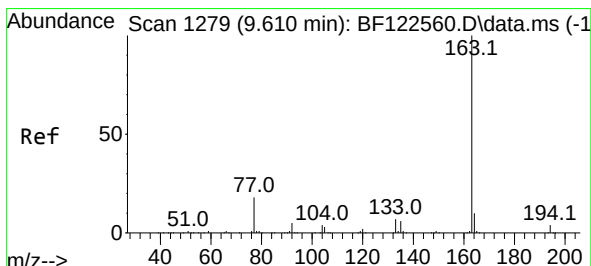
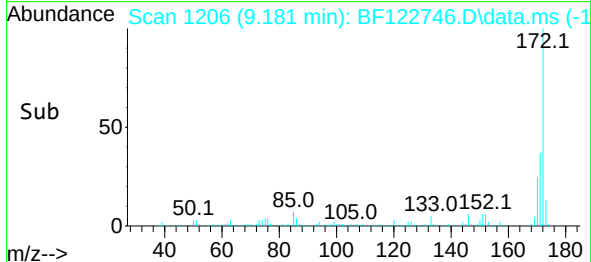
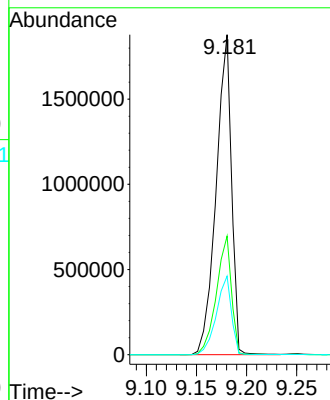
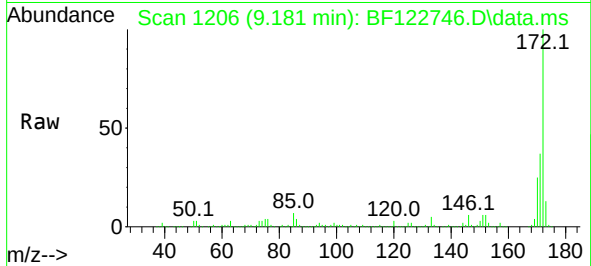




#45
2-Fluorobiphenyl
Concen: 58.17 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

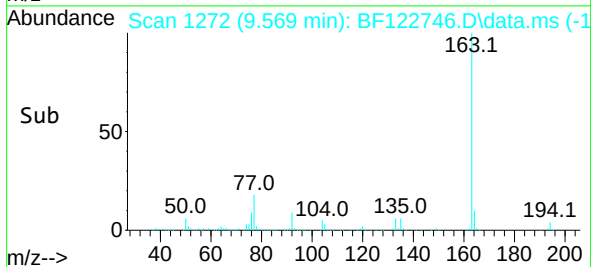
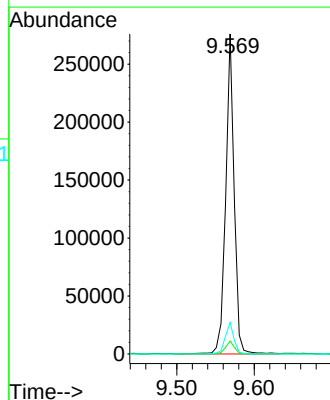
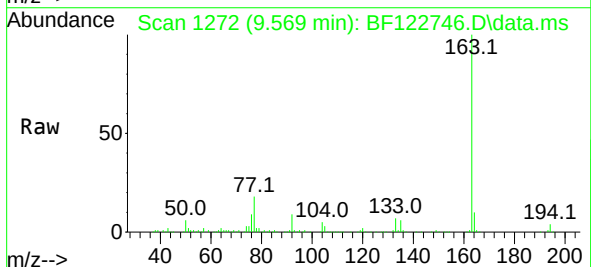
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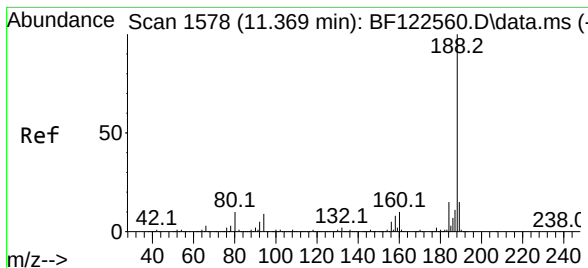
Tgt Ion:172 Resp: 1999315
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.5 19.5 29.3



#50
Dimethylphthalate
Concen: 5.65 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion:163 Resp: 209645
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.1 12.1

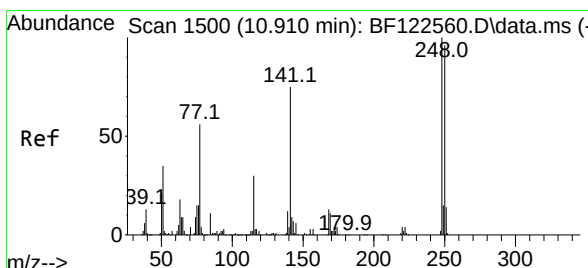
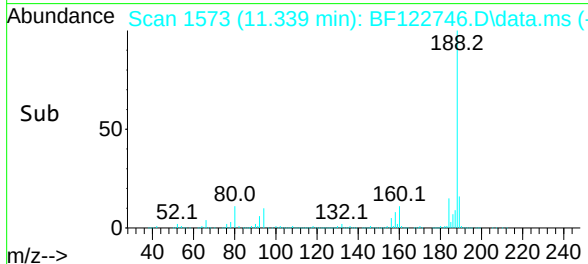
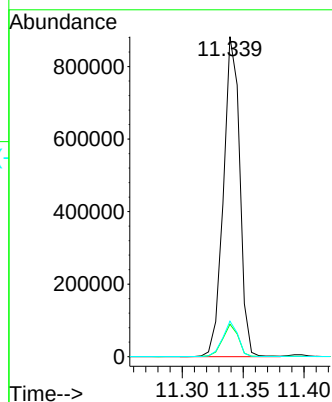
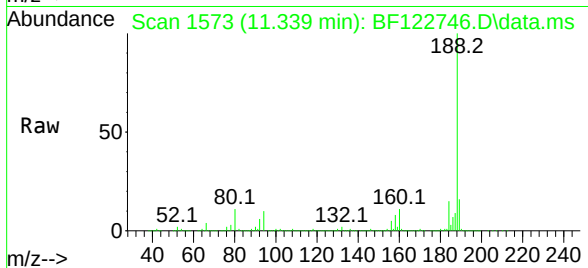




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

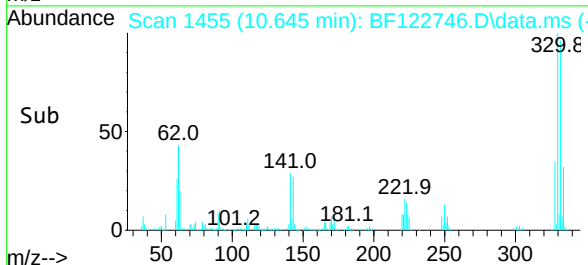
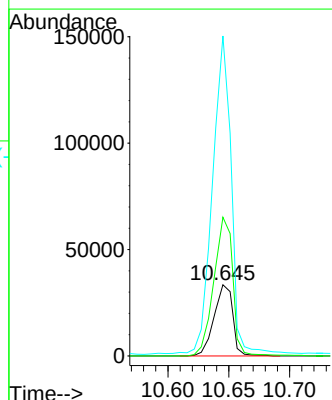
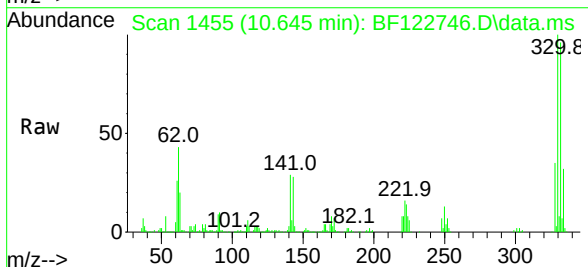
Instrument :
BNA_F
ClientSampleId :
CHRT-20057

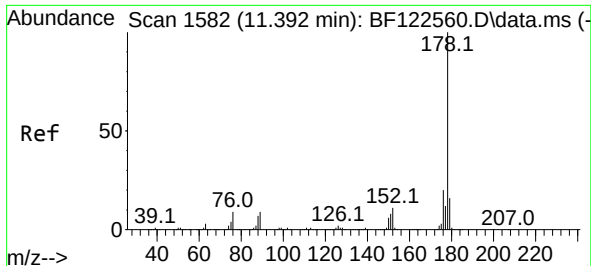
Tgt Ion:188 Resp: 822995
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.1 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion:248 Resp: 35612
Ion Ratio Lower Upper
248 100
250 194.8 76.8 115.2#
141 449.4 59.8 89.8#

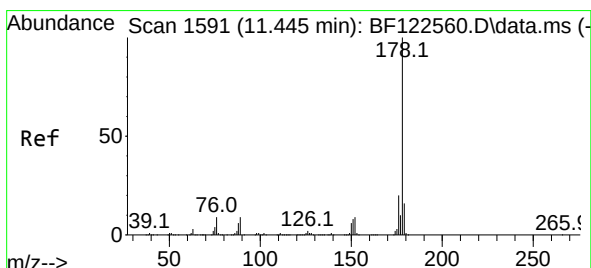
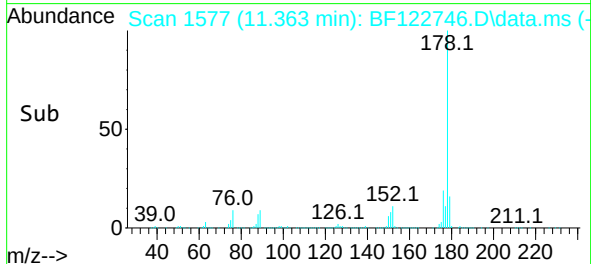
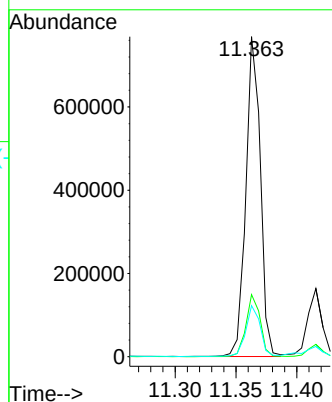
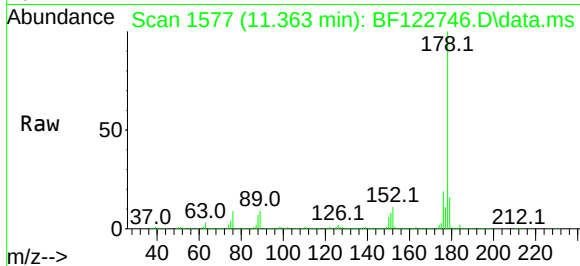




#71
Phenanthrene
Concen: 13.07 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

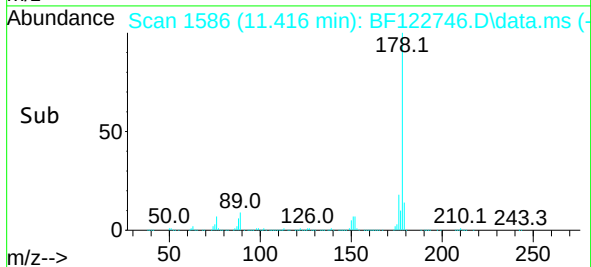
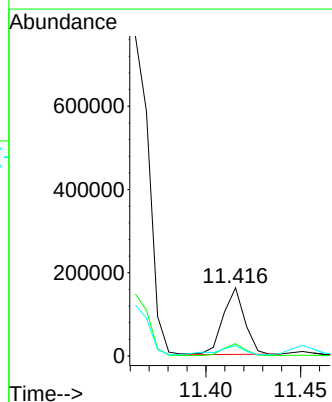
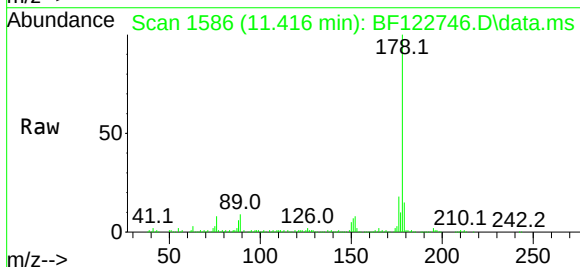
Instrument :
BNA_F
ClientSampleId :
CHRT-20057

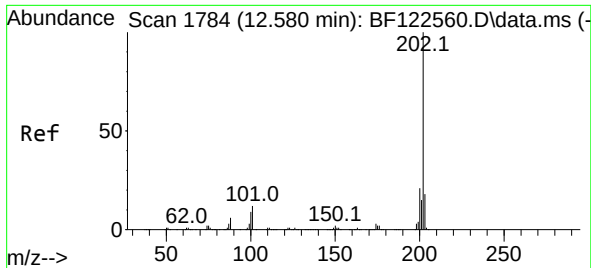
Tgt Ion:178 Resp: 639049
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.2
179 15.9 12.7 19.1



#72
Anthracene
Concen: 2.62 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion:178 Resp: 127227
Ion Ratio Lower Upper
178 100
176 18.1 15.6 23.4
179 15.1 12.8 19.2

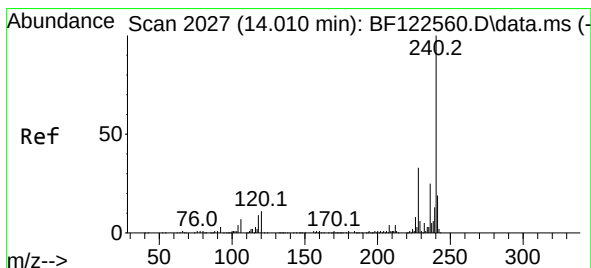
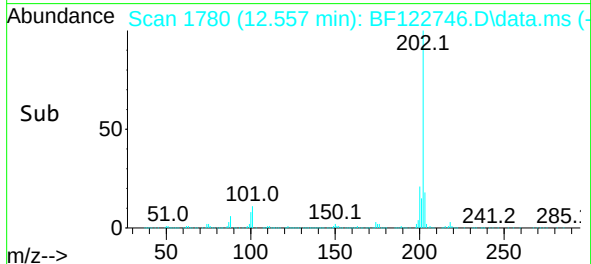
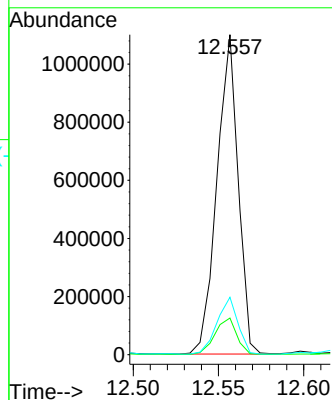
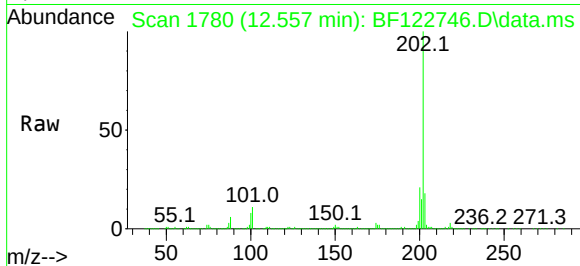




#75
Fluoranthene
Concen: 18.59 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

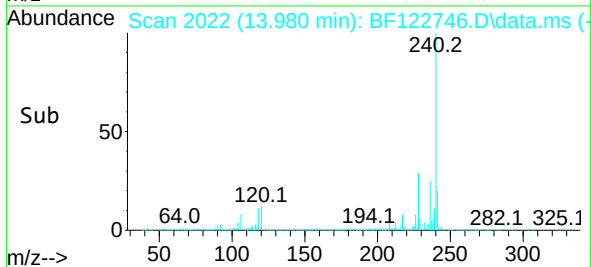
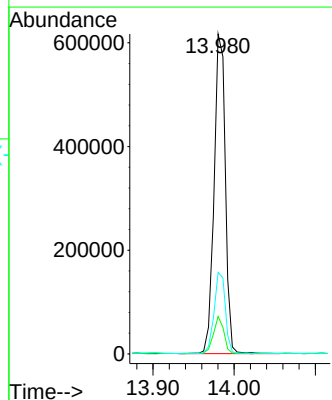
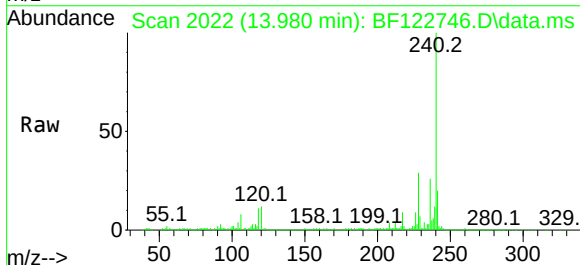
Instrument :
BNA_F
ClientSampleId :
CHRT-20057

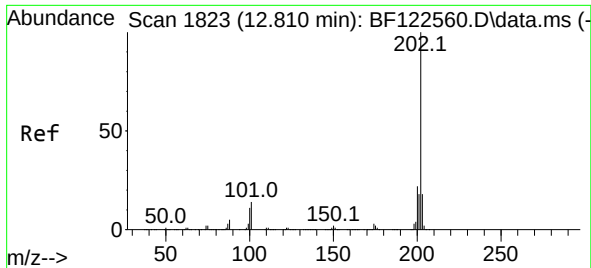
Tgt Ion:202 Resp: 953478
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.2
203 18.0 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion:240 Resp: 592643
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.5 20.3 30.5

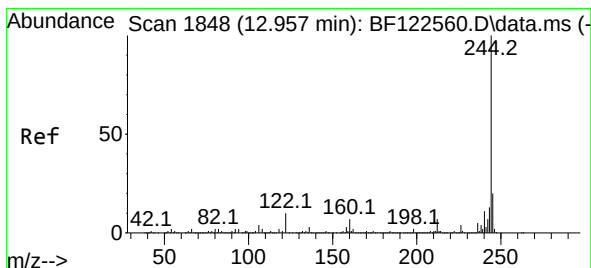
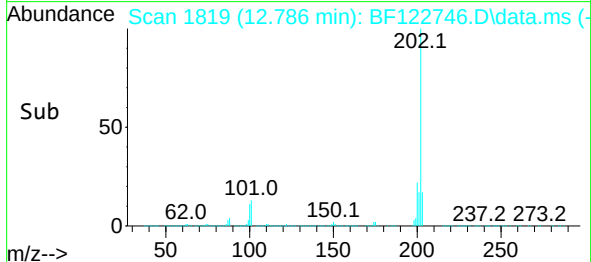
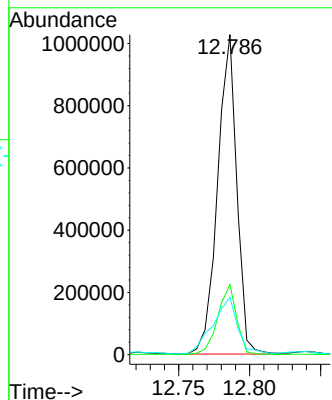
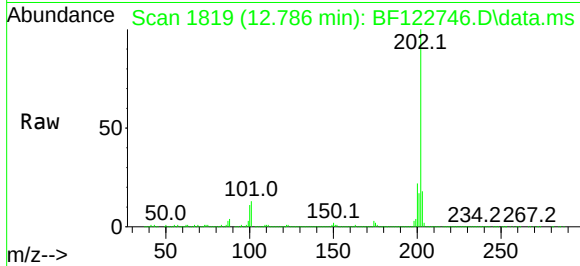




#78
Pyrene
Concen: 20.97 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

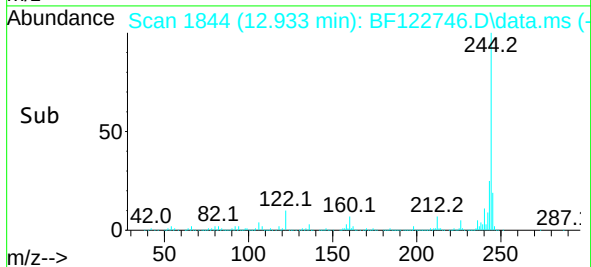
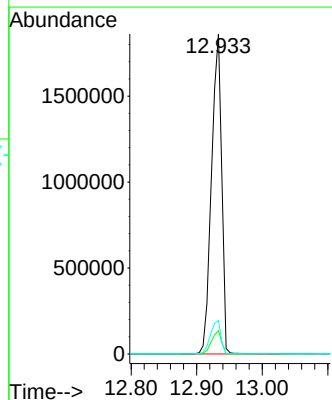
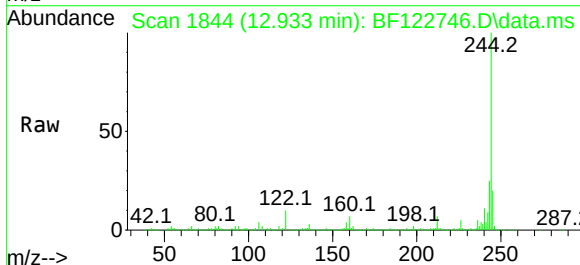
Instrument :
BNA_F
ClientSampleId :
CHRT-20057

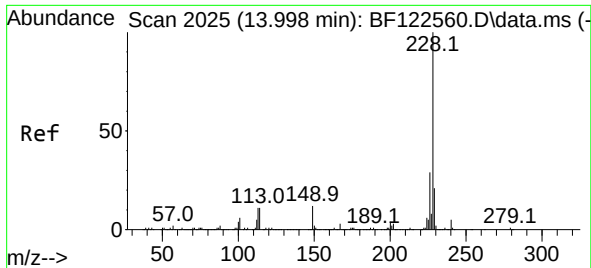
Tgt Ion:	202	Resp:	960841
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.6	26.4
203	18.0	14.6	21.8



#79
Terphenyl-d14
Concen: 59.32 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion:	244	Resp:	2008333
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.7	8.5
122	10.5	8.3	12.5

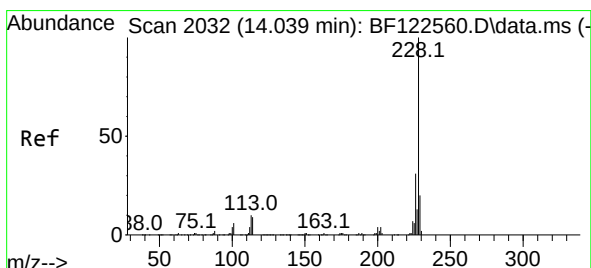
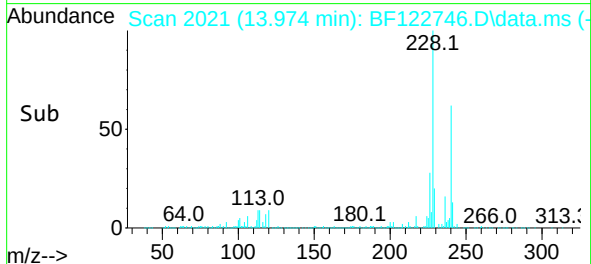
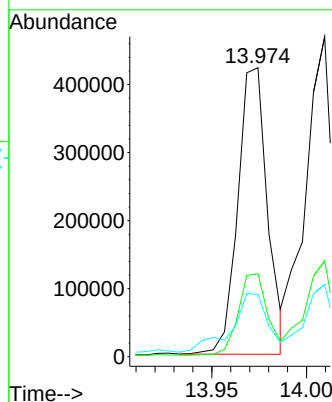
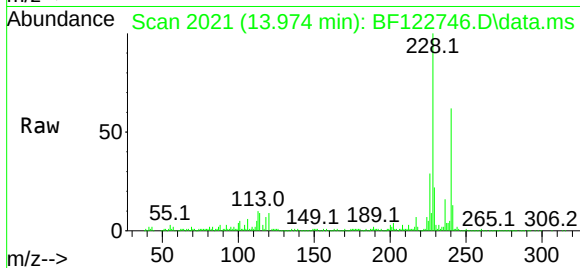




#81
Benzo(a)anthracene
Concen: 11.54 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

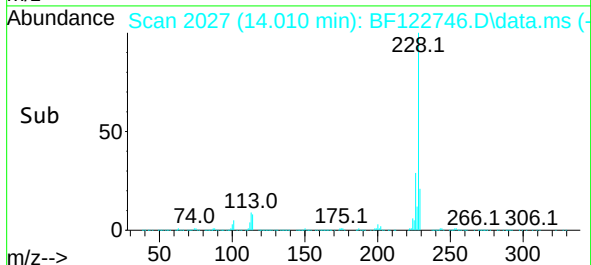
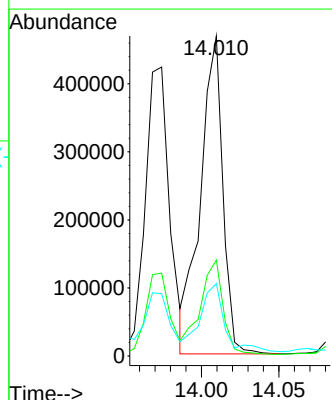
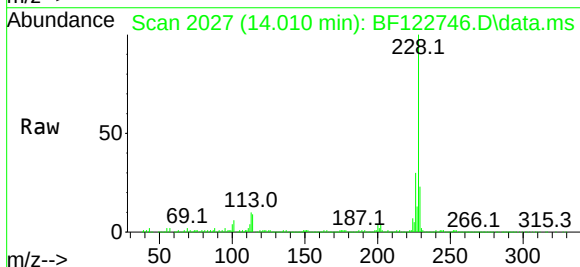
Instrument :
BNA_F
ClientSampleId :
CHRT-20057

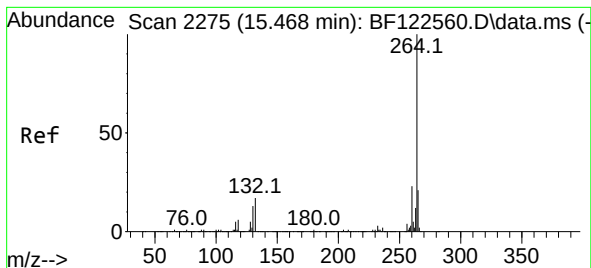
Tgt Ion:228 Resp: 457218
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.4
229 21.5 16.6 24.8



#83
Chrysene
Concen: 11.92 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion:228 Resp: 469766
Ion Ratio Lower Upper
228 100
226 29.9 24.6 36.8
229 22.6 15.8 23.6

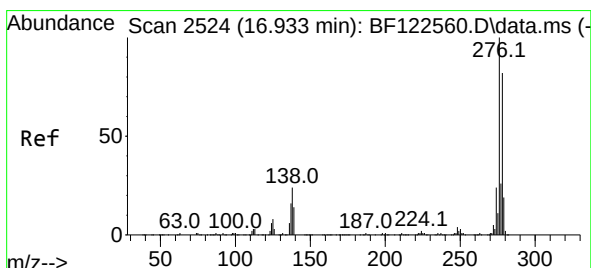
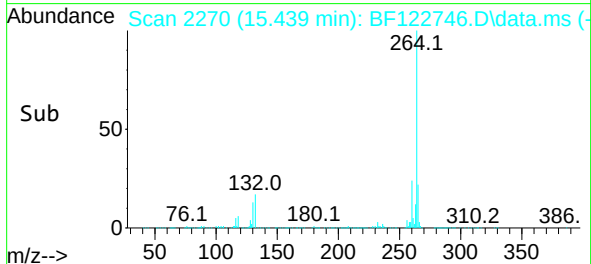
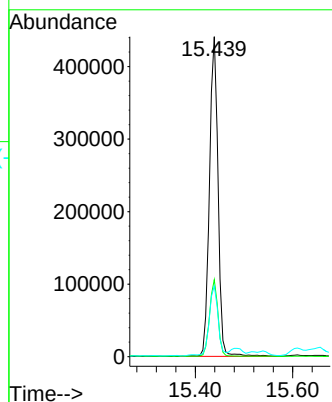
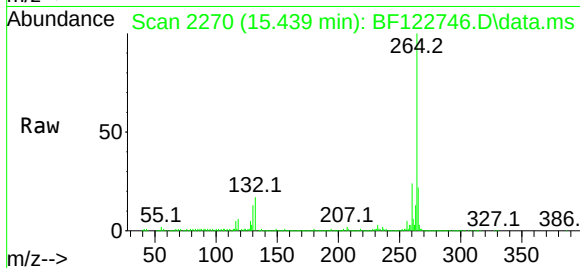




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

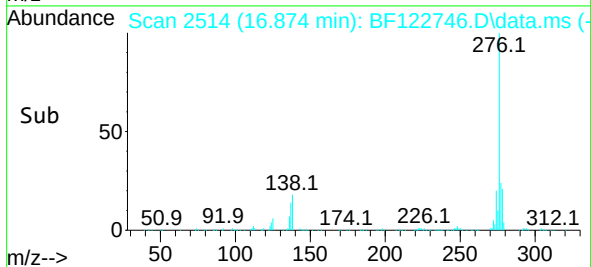
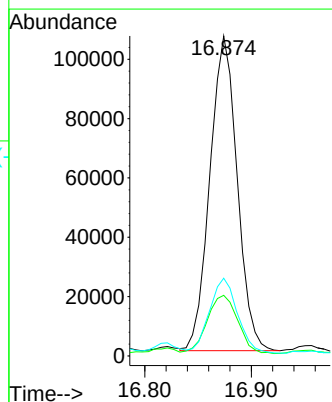
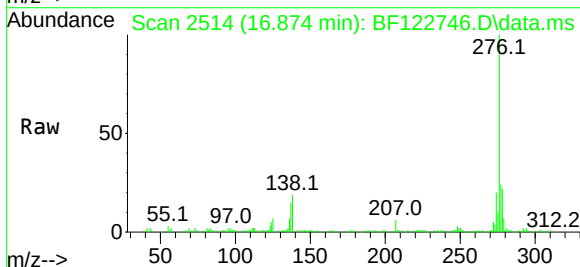
Instrument :
BNA_F
ClientSampleId :
CHRT-20057

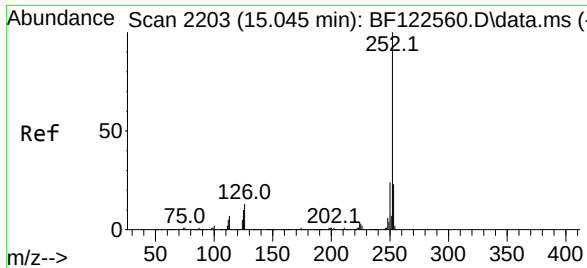
Tgt Ion:	264	Resp:	537591
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.6	28.0
265	22.1	17.0	25.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.36 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.018 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion:	276	Resp:	189018
Ion Ratio	Lower	Upper	
276	100		
138	20.7	18.7	28.1
277	24.5	20.2	30.4

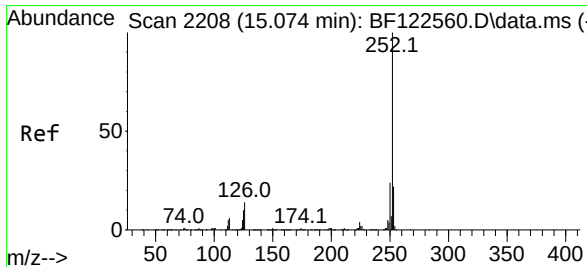
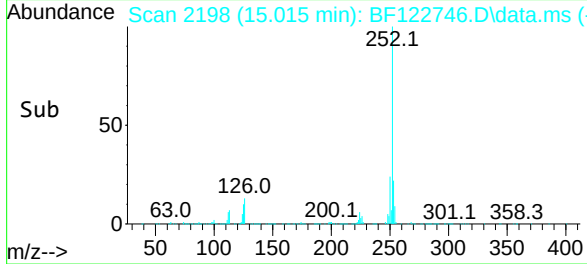
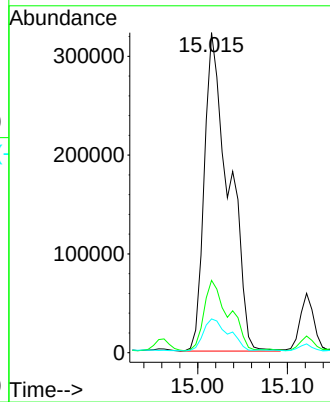
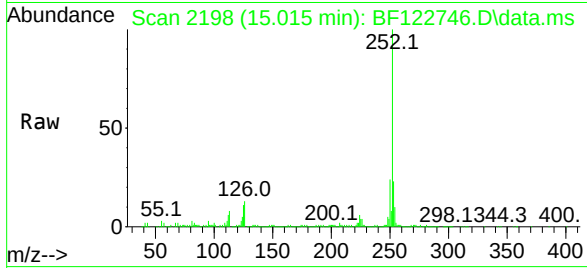




#88
Benzo(b)fluoranthene
Concen: 16.27 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

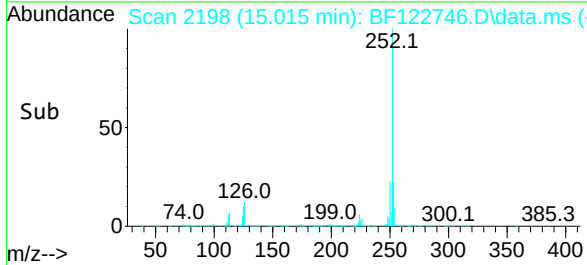
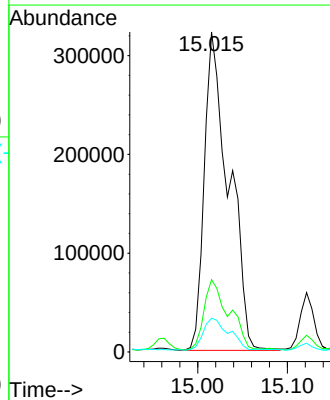
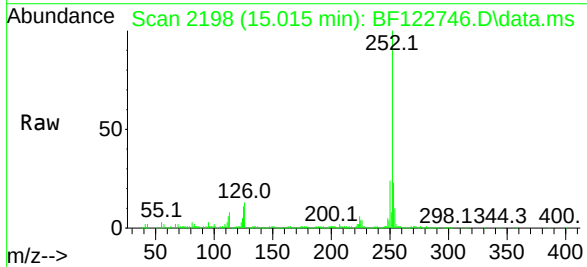
Instrument :
BNA_F
ClientSampleId :
CHRT-20057

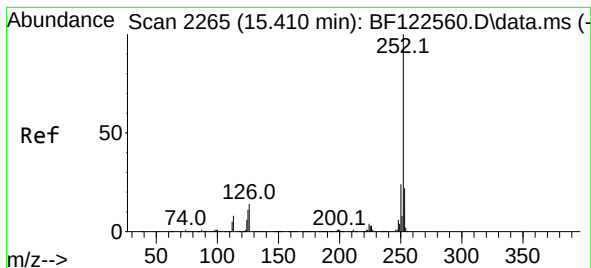
Tgt Ion:252 Resp: 613544
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 10.6 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 17.79 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.035 min
Lab File: BF122746.D
Acq: 16 Dec 2020 13:05

Tgt Ion:252 Resp: 613544
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.6 8.4 12.6





#90

Benzo(a)pyrene

Concen: 9.60 ng

RT: 15.374 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF122746.D

Acq: 16 Dec 2020 13:05

Tgt Ion:252 Resp: 316832

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

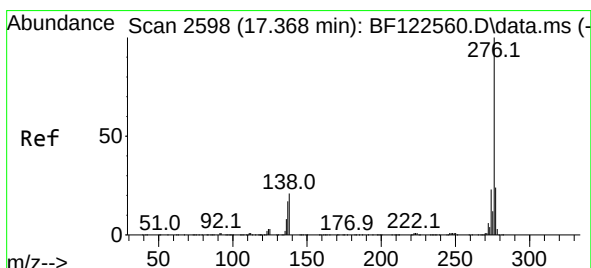
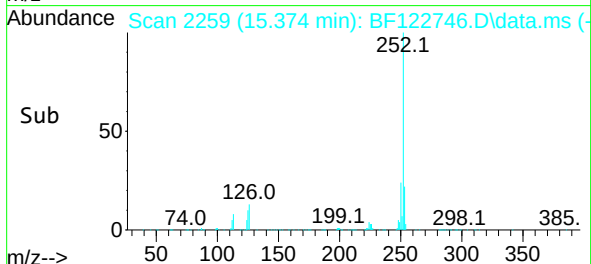
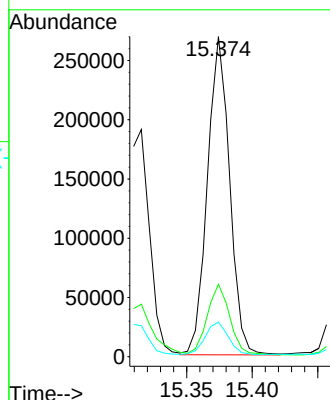
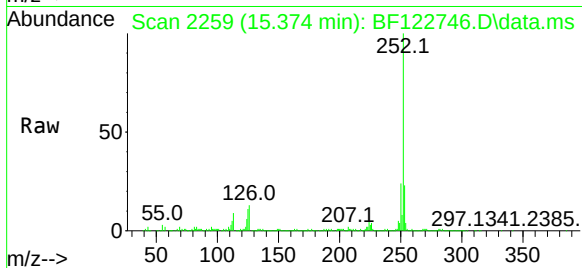
125 10.8 8.6 12.8

Instrument :

BNA_F

ClientSampleId :

CHRT-20057



#92

Benzo(g,h,i)perylene

Concen: 6.70 ng

RT: 17.309 min Scan# 2588

Delta R.T. -0.018 min

Lab File: BF122746.D

Acq: 16 Dec 2020 13:05

Tgt Ion:276 Resp: 187350

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 20.9 16.6 24.8

