

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
 Data File : BF122845.D
 Acq On : 23 Dec 2020 22:12
 Operator : JU/CG
 Sample : L5176-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26920

Quant Time: Dec 24 03:00:12 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

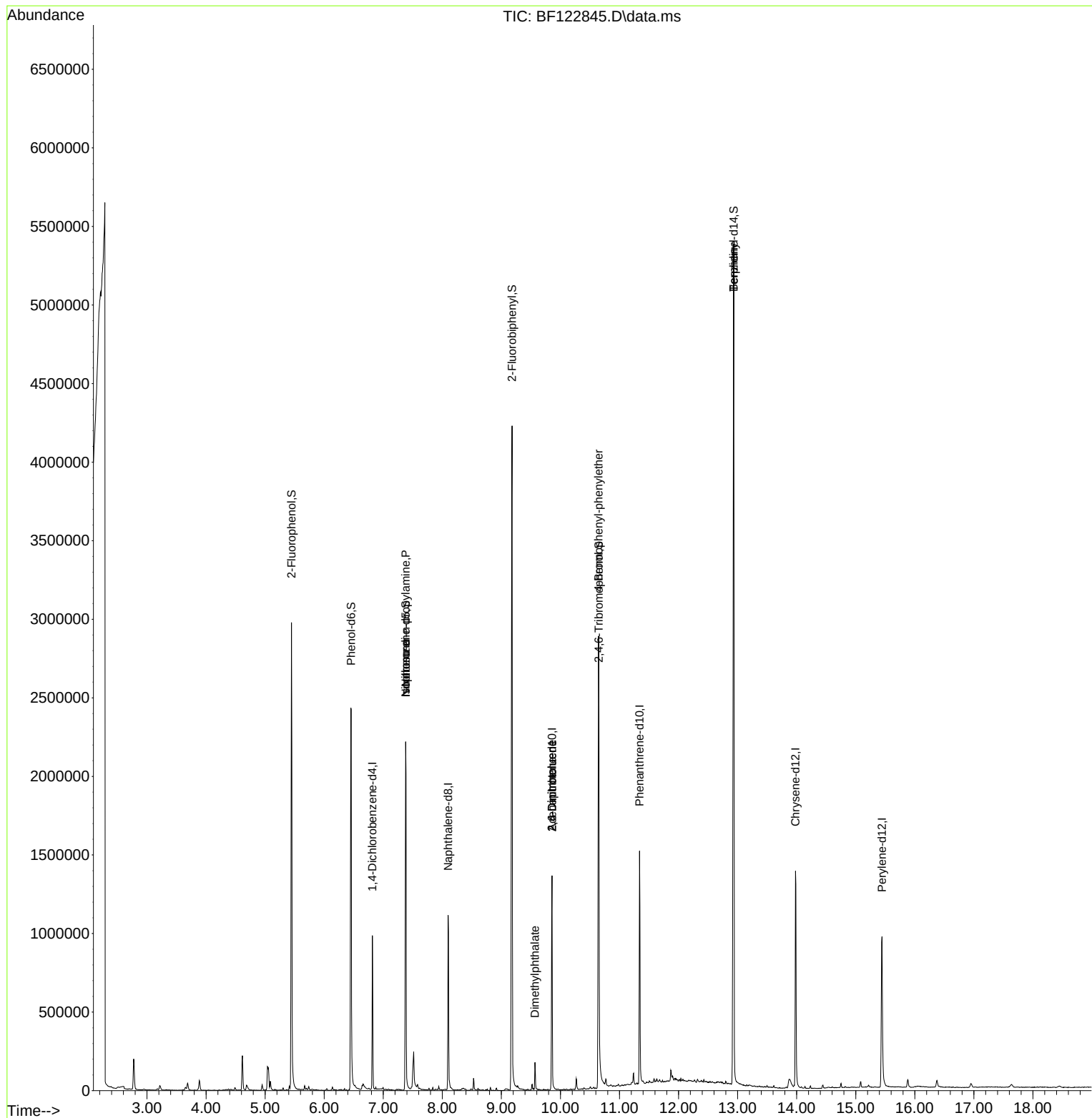
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	142418	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	555631	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	289949	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	578270	20.00	ng	0.00
76) Chrysene-d12	13.980	240	567368	20.00	ng	0.00
86) Perylene-d12	15.445	264	536696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	948195	105.40	ng	0.01
7) Phenol-d6	6.457	99	1050802	88.08	ng	0.00
23) Nitrobenzene-d5	7.381	82	826734	74.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	474952	125.14	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1548742	72.25	ng	0.00
79) Terphenyl-d14	12.933	244	2019282	62.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	109355	16.00	ng	Qvalue # 77
25) Isophorone	7.381	82	826840	43.29	ng	# 65
50) Dimethylphthalate	9.569	163	79187	3.42	ng	99
51) 2,6-Dinitrotoluene	9.857	165	37919	7.75	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	37919	5.82	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	29464	3.76	ng	# 1
77) Benzidine	12.933	184	25473	2.08	ng	# 94

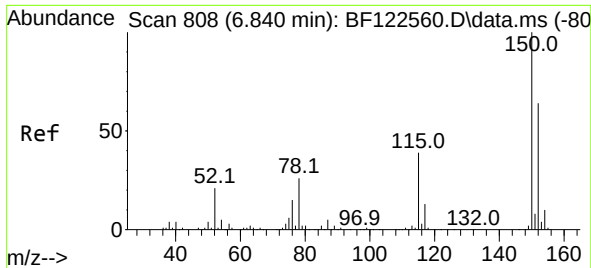
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
Data File : BF122845.D
Acq On : 23 Dec 2020 22:12
Operator : JU/CG
Sample : L5176-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-26920

Quant Time: Dec 24 03:00:12 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

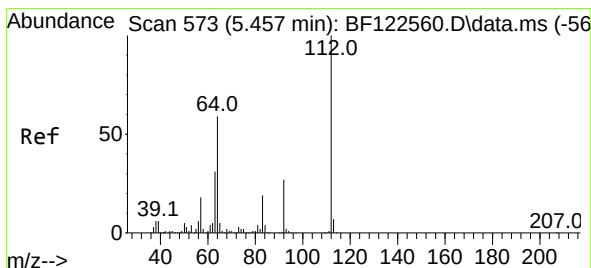
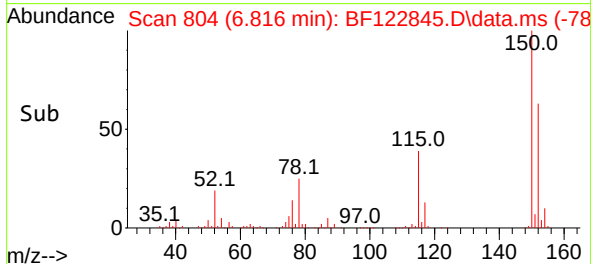
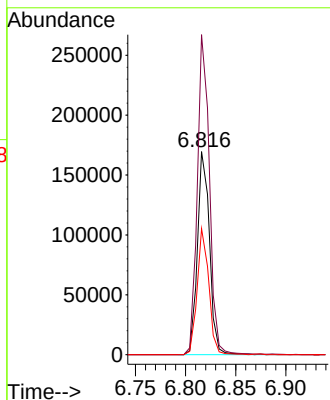
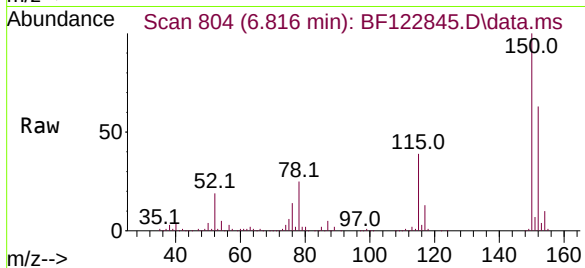




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF122845.D
 Acq: 23 Dec 2020 22:12

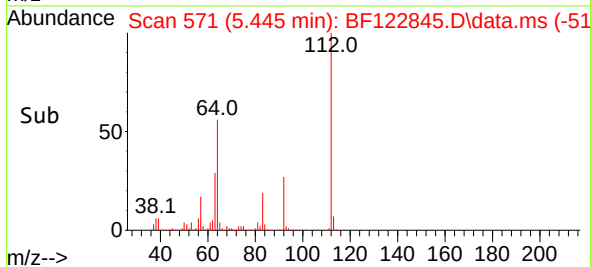
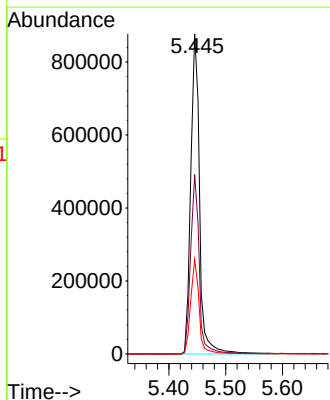
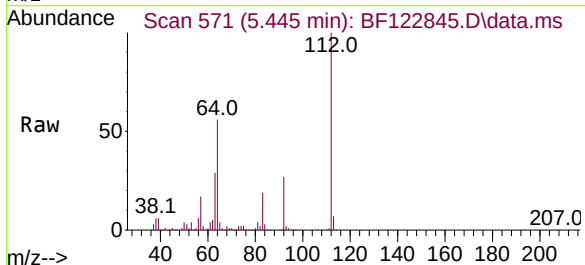
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26920

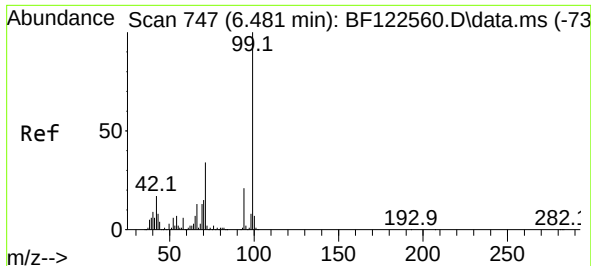
Tgt Ion:152 Resp: 142418
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.8 188.6
 115 62.1 49.3 73.9



#5
 2-Fluorophenol
 Concen: 105.40 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: BF122845.D
 Acq: 23 Dec 2020 22:12

Tgt Ion:112 Resp: 948195
 Ion Ratio Lower Upper
 112 100
 64 56.0 46.9 70.3
 63 29.5 24.5 36.7

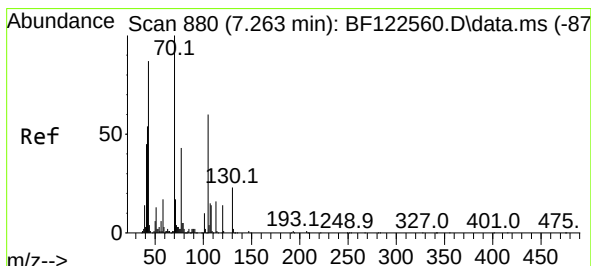
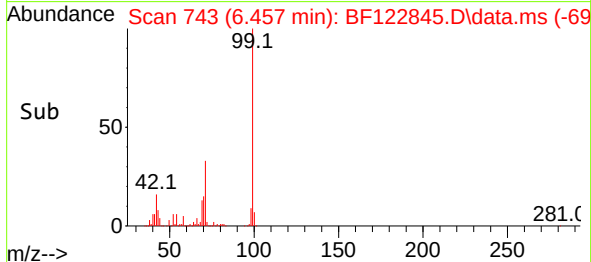
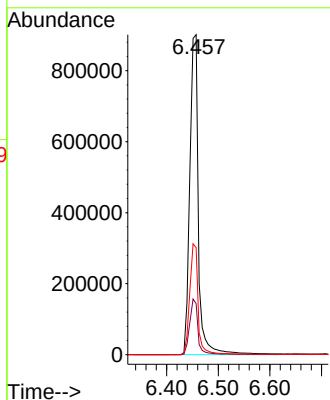
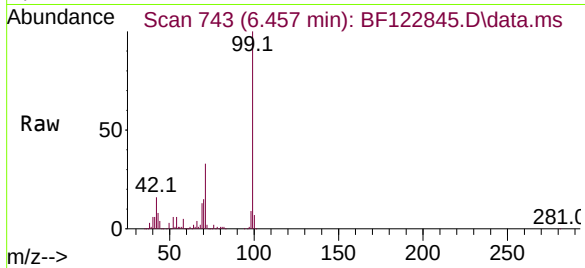




#7
Phenol-d6
Concen: 88.08 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

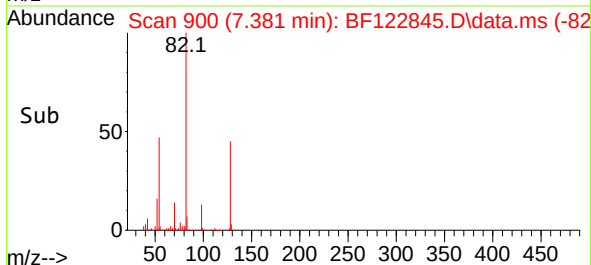
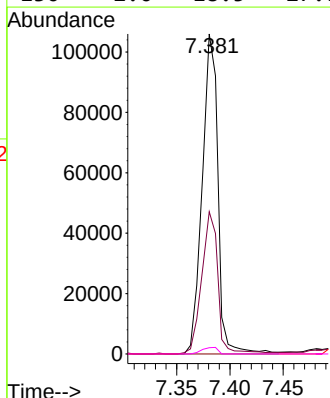
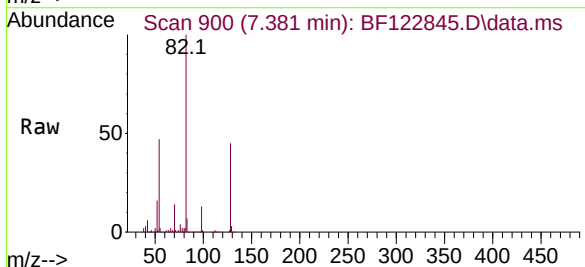
Instrument :
BNA_F
ClientSampleId :
CHRT-26920

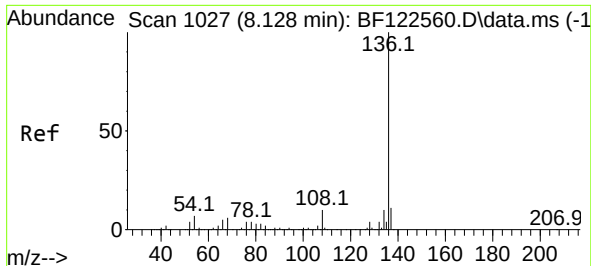
Tgt Ion: 99 Resp: 1050802
Ion Ratio Lower Upper
99 100
42 16.0 13.8 20.6
71 33.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.00 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

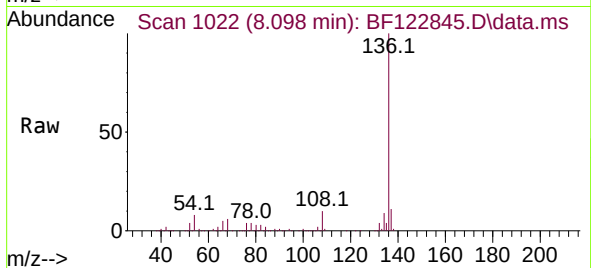
Tgt Ion: 70 Resp: 109355
Ion Ratio Lower Upper
70 100
42 44.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



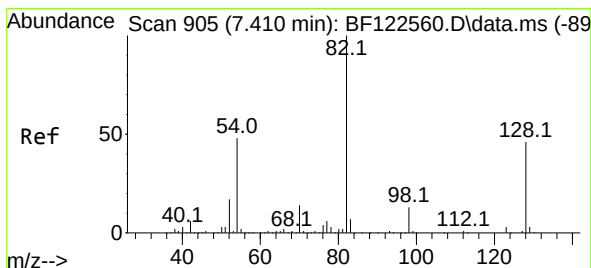
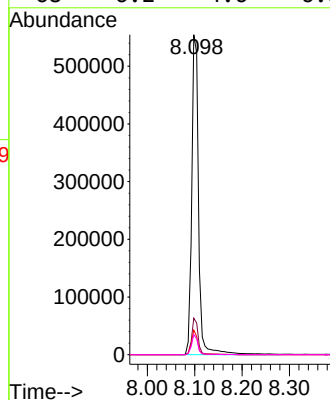
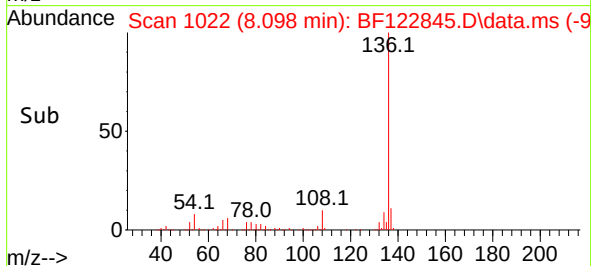


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

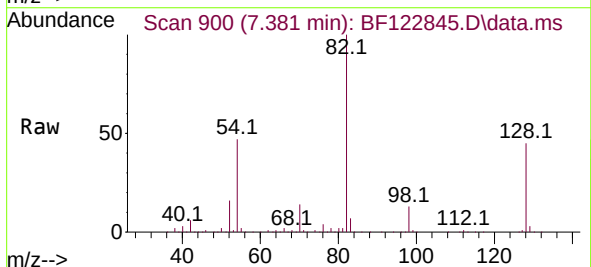
Instrument :
BNA_F
ClientSampleId :
CHRT-26920



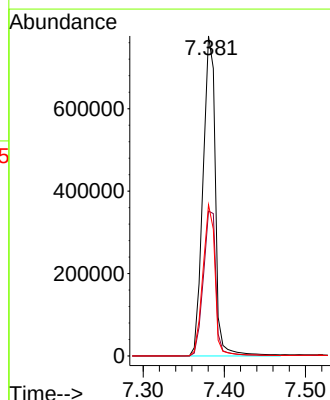
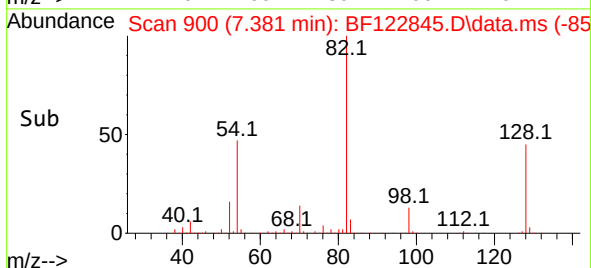
Tgt Ion:136 Resp: 555631
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.7 5.5 8.3
68 6.2 4.6 6.8

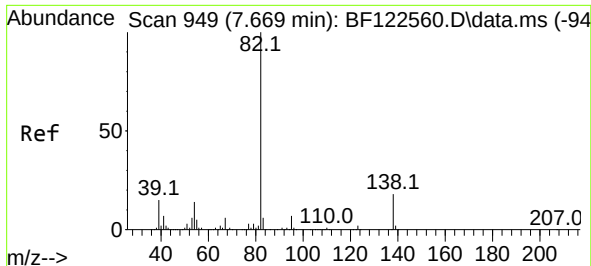


#23
Nitrobenzene-d5
Concen: 74.55 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12



Tgt Ion: 82 Resp: 826734
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.4
54 47.3 38.4 57.6

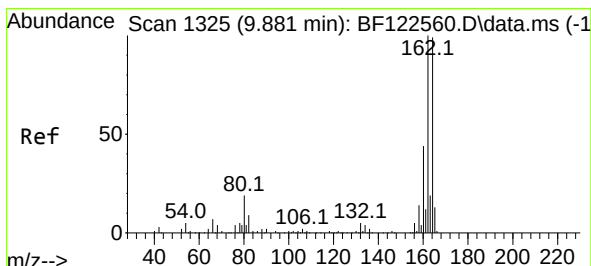
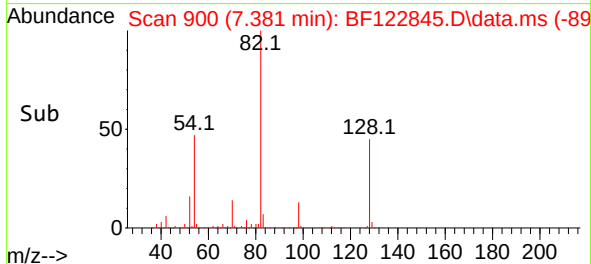
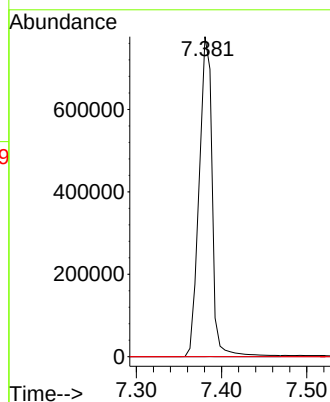
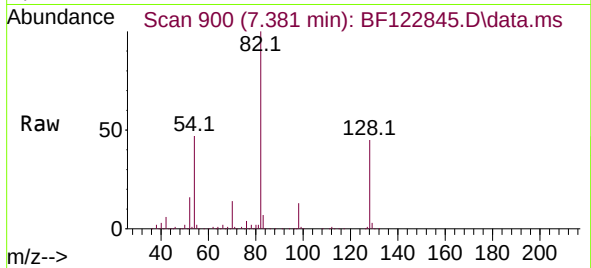




#25
Isophorone
Concen: 43.29 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

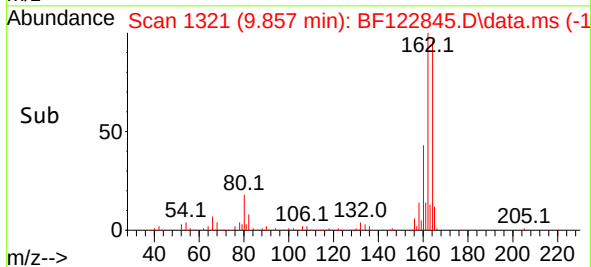
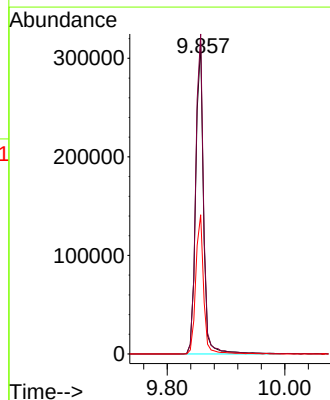
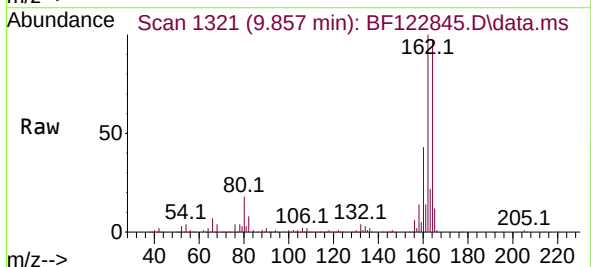
Instrument :
BNA_F
ClientSampleId :
CHRT-26920

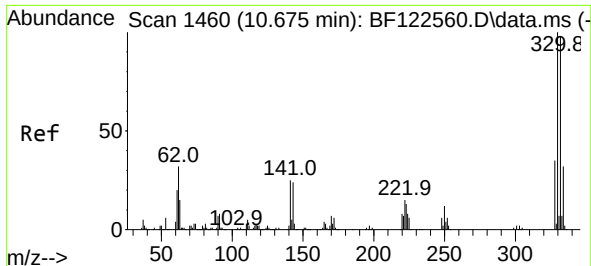
Tgt Ion: 82 Resp: 826840
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

Tgt Ion: 164 Resp: 289949
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 44.8 35.4 53.0

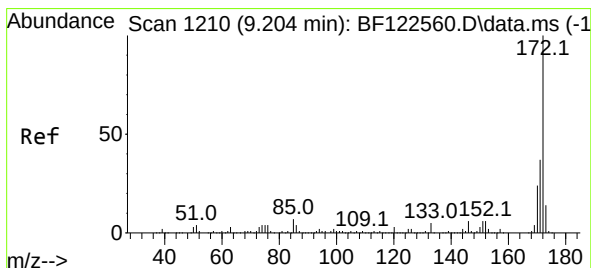
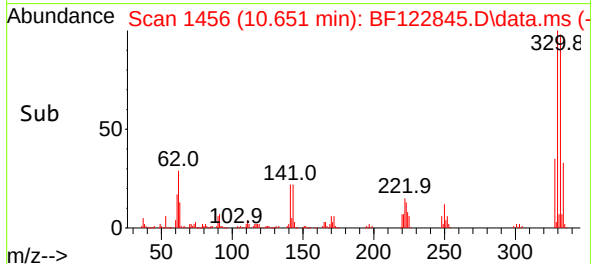
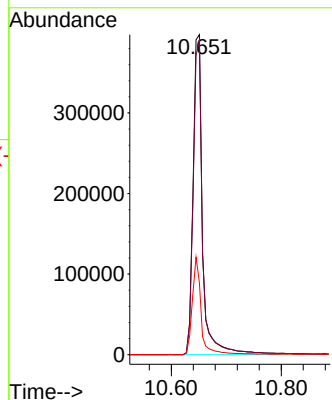
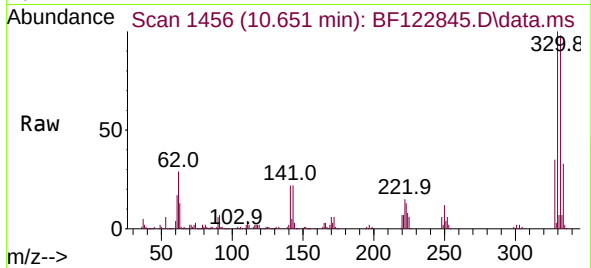




#42
2,4,6-Tribromophenol
Concen: 125.14 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

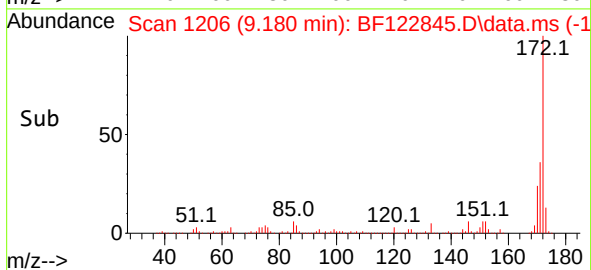
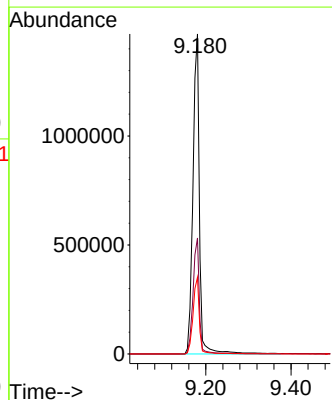
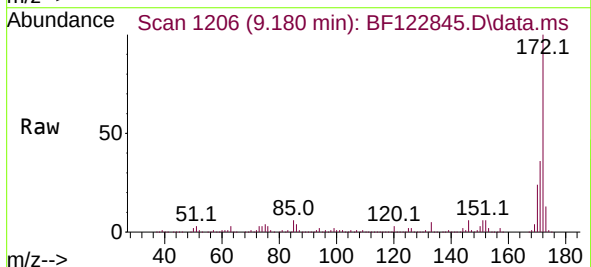
Instrument :
BNA_F
ClientSampleId :
CHRT-26920

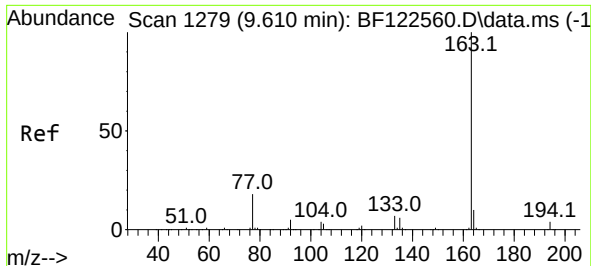
Tgt Ion: 330 Resp: 474952
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 28.6 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 72.25 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

Tgt Ion: 172 Resp: 1548742
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.9 19.5 29.3

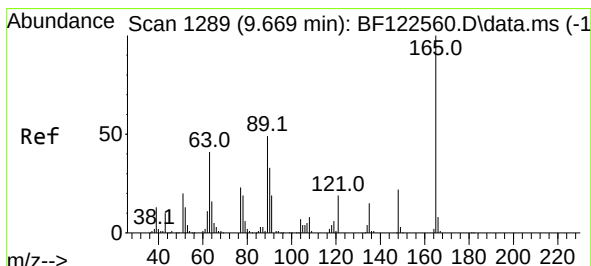
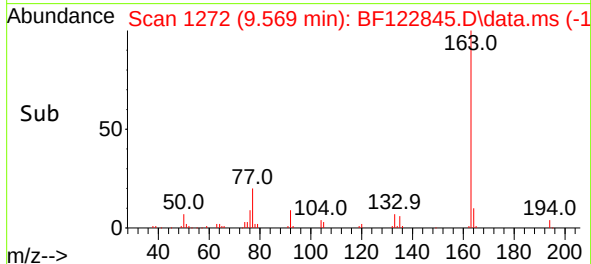
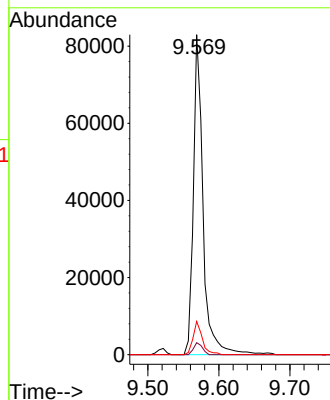
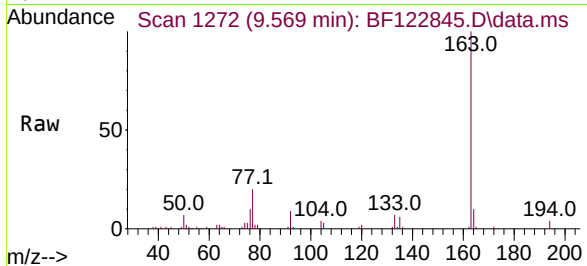




#50
Dimethylphthalate
Concen: 3.42 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

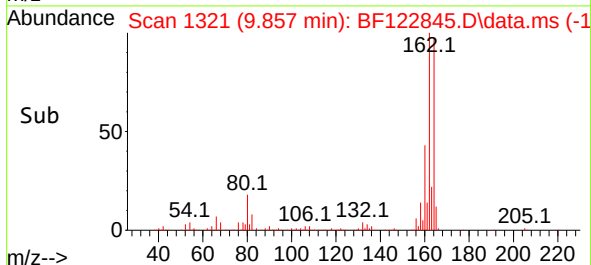
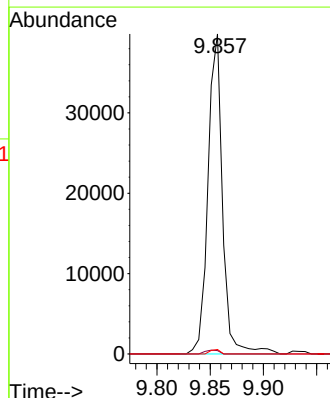
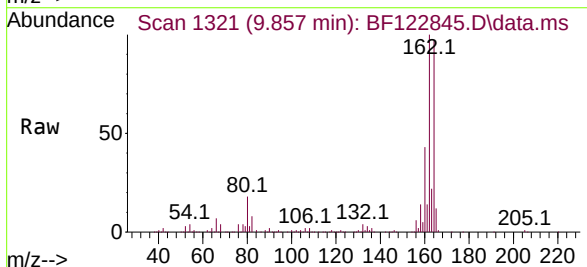
Instrument :
BNA_F
ClientSampleId :
CHRT-26920

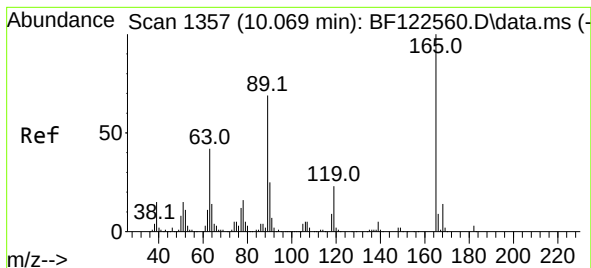
Tgt Ion:163 Resp: 79187
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.4 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.75 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

Tgt Ion:165 Resp: 37919
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.4 39.4 59.0#

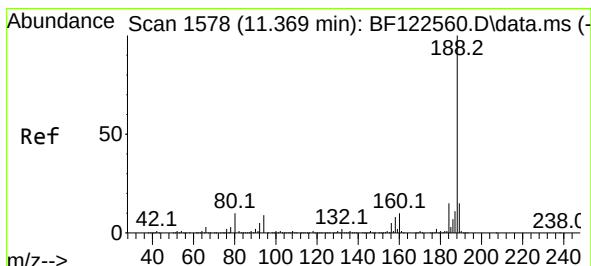
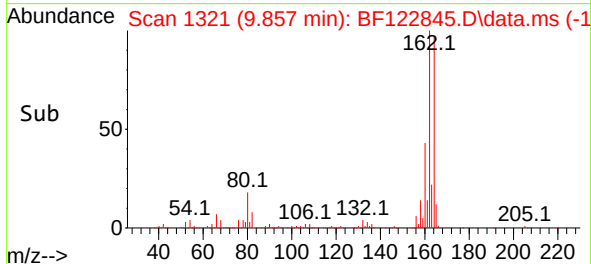
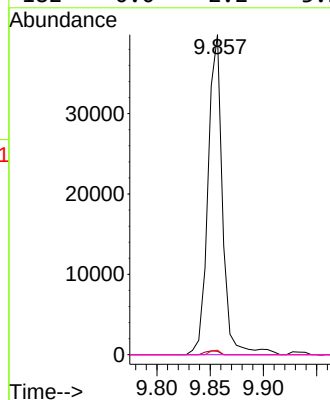
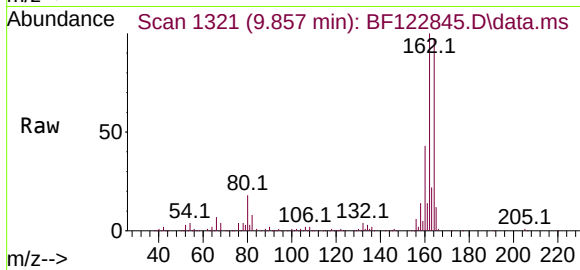




#57
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

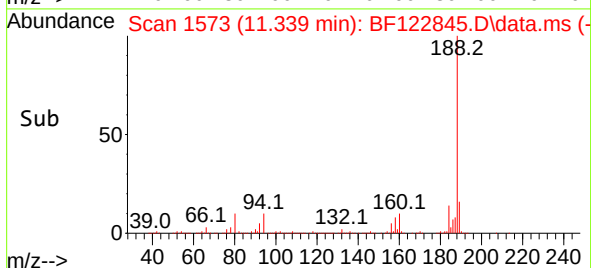
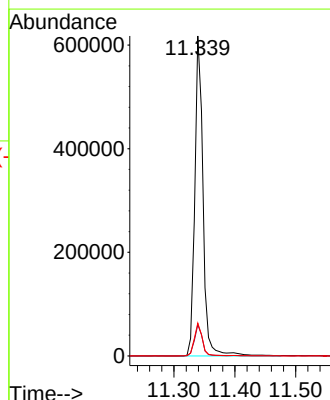
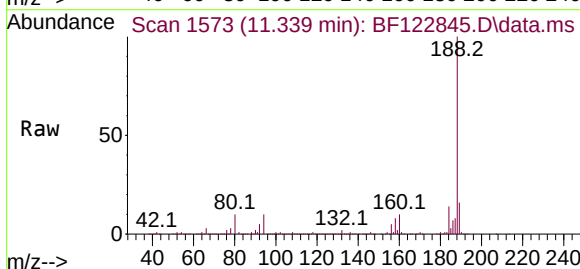
Instrument :
BNA_F
ClientSampleId :
CHRT-26920

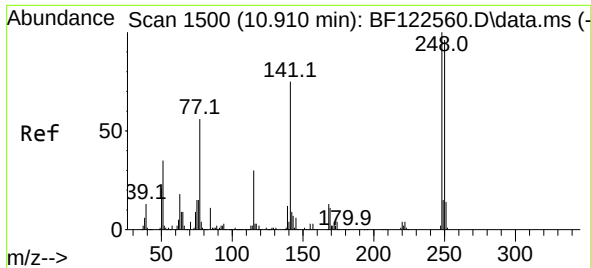
Tgt Ion:165 Resp: 37919
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

Tgt Ion:188 Resp: 578270
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.3 8.2 12.4

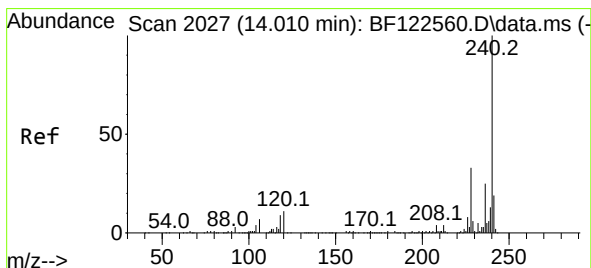
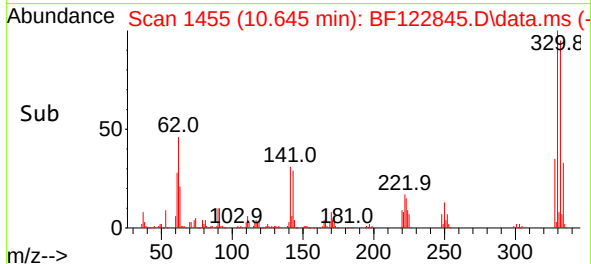
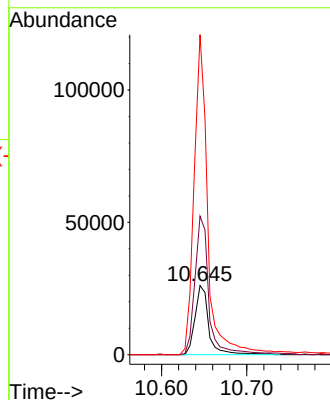
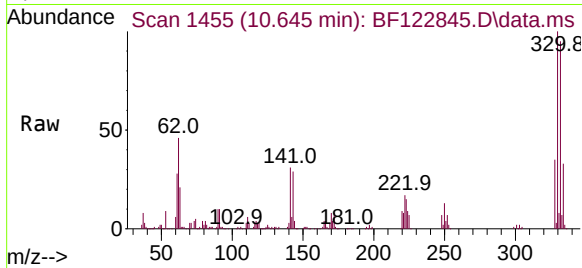




#67
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

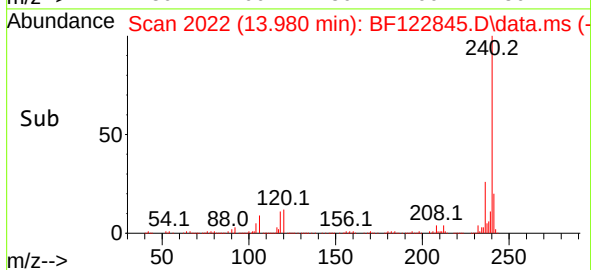
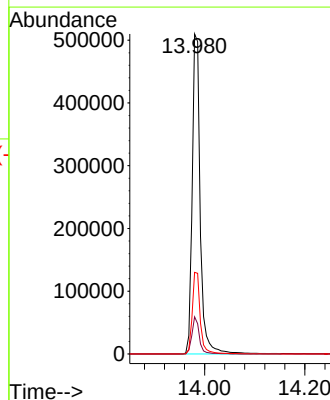
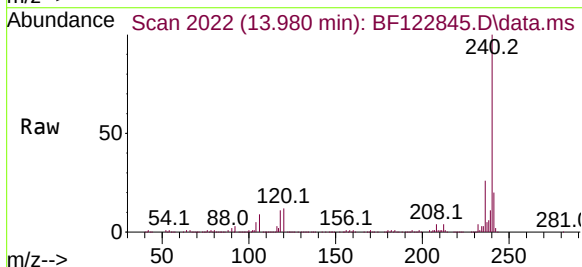
Instrument :
BNA_F
ClientSampleId :
CHRT-26920

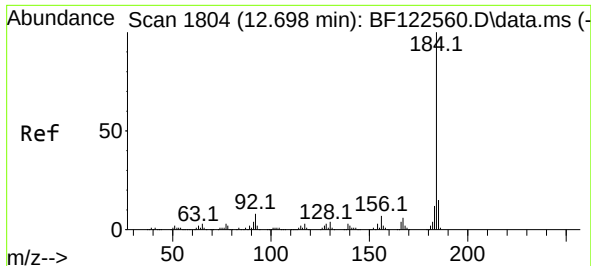
Tgt Ion:248 Resp: 29464
Ion Ratio Lower Upper
248 100
250 200.5 76.8 115.2#
141 463.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

Tgt Ion:240 Resp: 567368
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.5 20.3 30.5

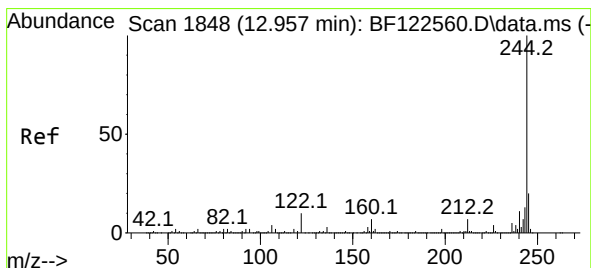
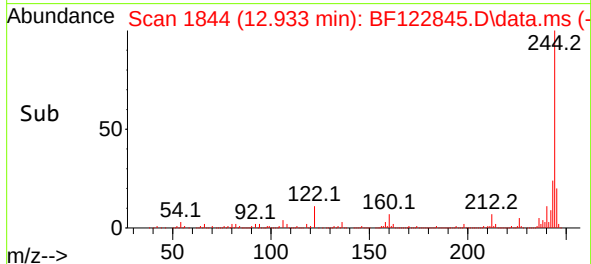
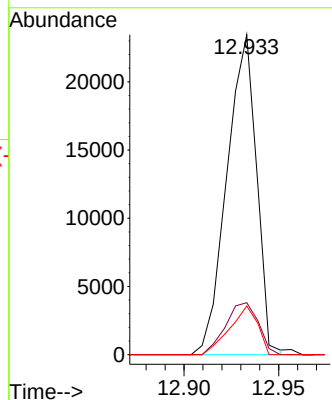
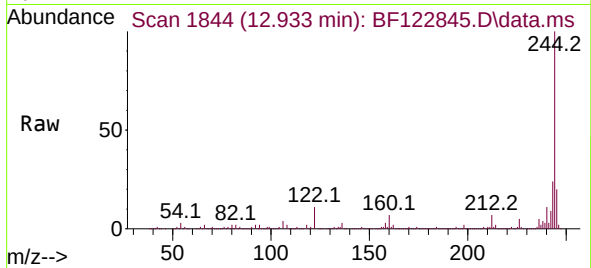




#77
Benzidine
Concen: 2.08 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

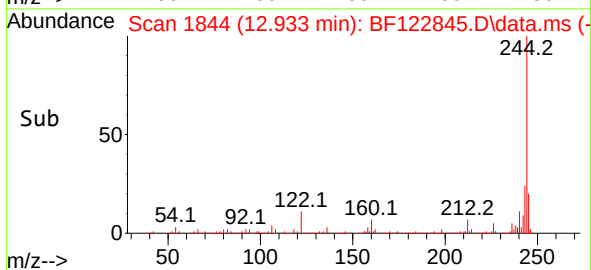
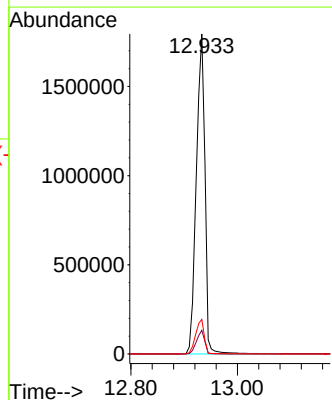
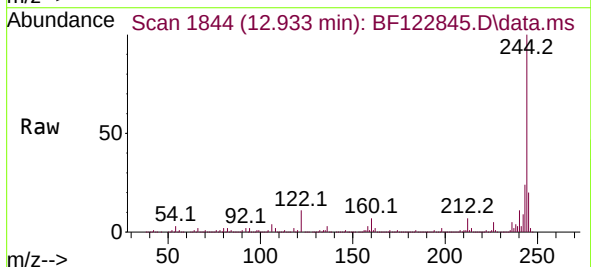
Instrument :
BNA_F
ClientSampleId :
CHRT-26920

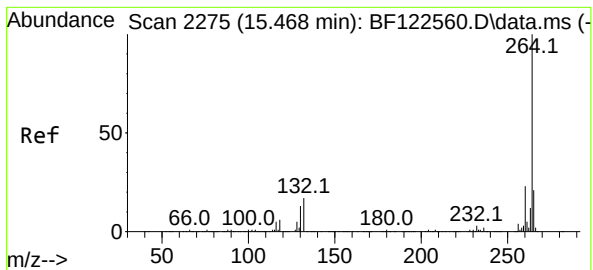
Tgt Ion:184 Resp: 25473
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 15.2 9.7 14.5#



#79
Terphenyl-d14
Concen: 62.30 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122845.D
Acq: 23 Dec 2020 22:12

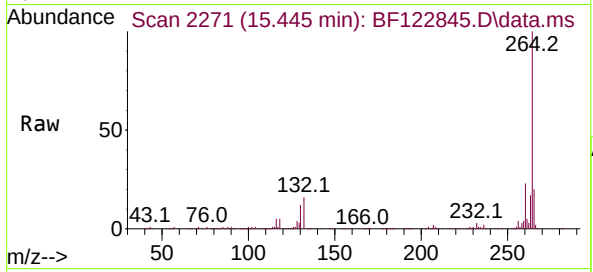
Tgt Ion:244 Resp: 2019282
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF122845.D
 Acq: 23 Dec 2020 22:12

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26920



Tgt Ion:264 Resp: 536696

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	20.2	17.0	25.6

