

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
 Data File : BF122838.D
 Acq On : 23 Dec 2020 18:32
 Operator : JU/CG
 Sample : L5176-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27339

Quant Time: Dec 24 02:58:05 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)

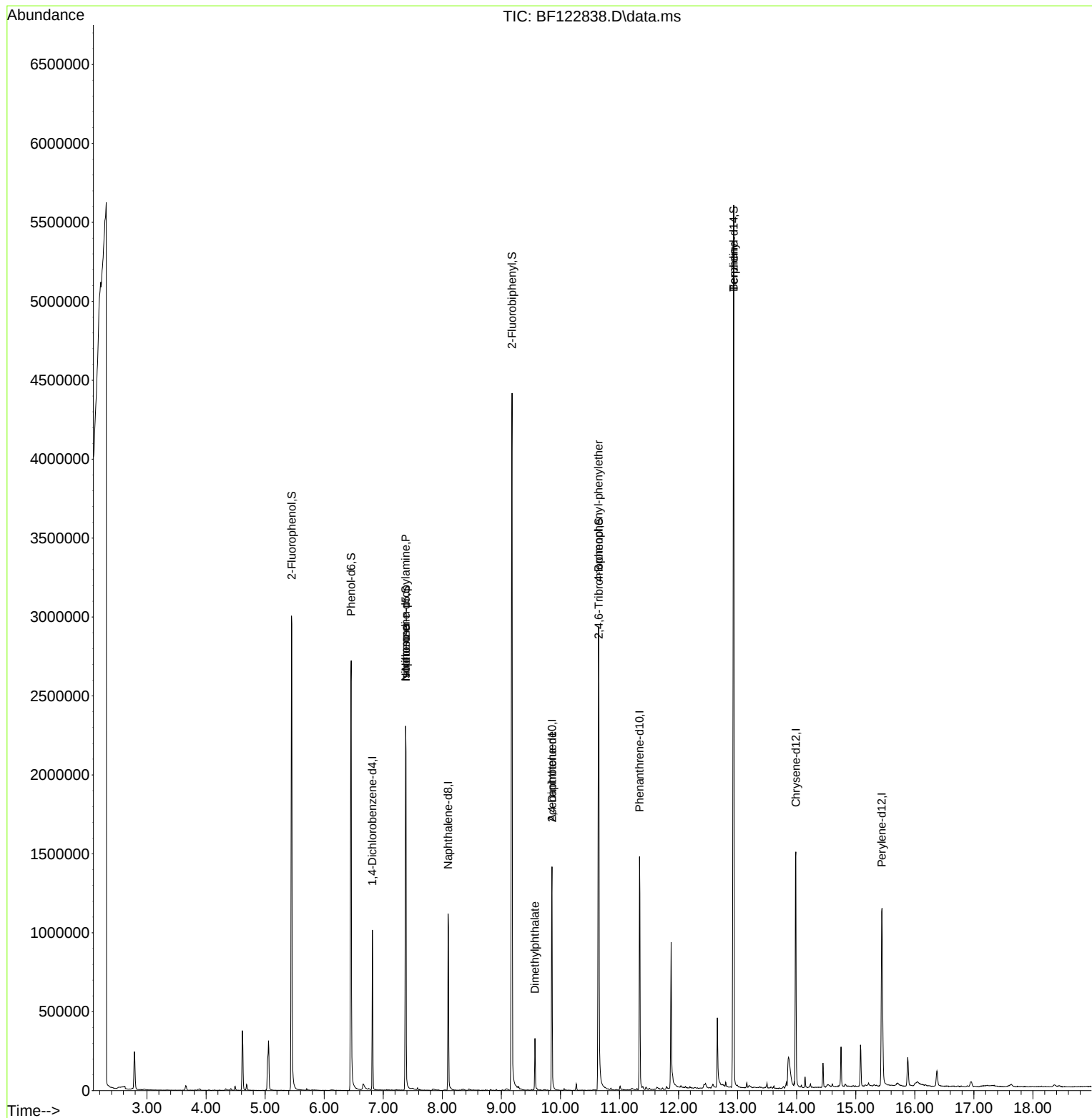
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	149564	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	564043	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	311855	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	593803	20.00	ng	0.00
76) Chrysene-d12	13.986	240	596694	20.00	ng	0.00
86) Perylene-d12	15.439	264	593940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1040586	110.15	ng	0.02
7) Phenol-d6	6.457	99	1155439	92.22	ng	0.00
23) Nitrobenzene-d5	7.381	82	896216	79.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	497411	121.85	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1663603	72.15	ng	0.00
79) Terphenyl-d14	12.933	244	2131885	62.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	116471	16.23	ng	Qvalue # 78
25) Isophorone	7.381	82	896211	46.22	ng	# 65
50) Dimethylphthalate	9.569	163	138913	5.58	ng	100
57) 2,4-Dinitrotoluene	9.857	165	39090	5.58	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	30764	3.82	ng	# 1
77) Benzidine	12.933	184	26887	2.08	ng	# 91

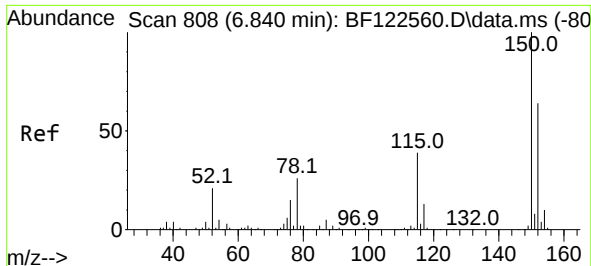
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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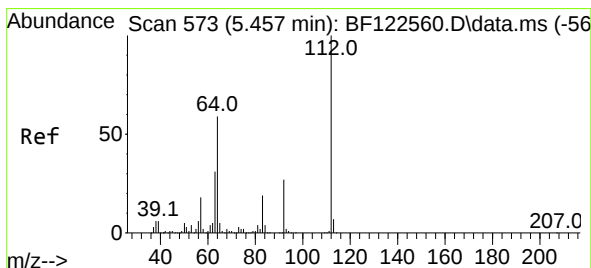
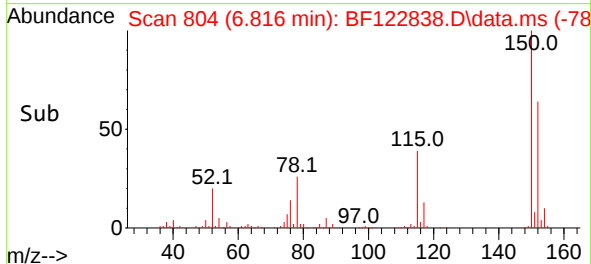
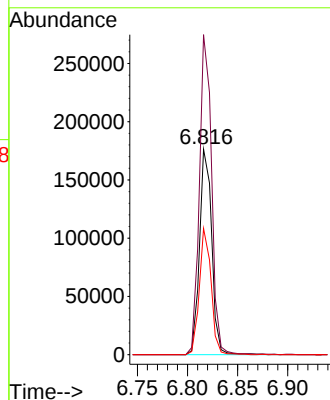
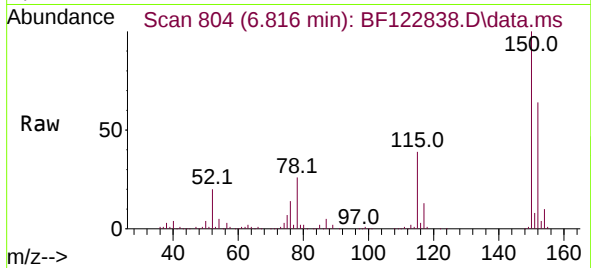




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

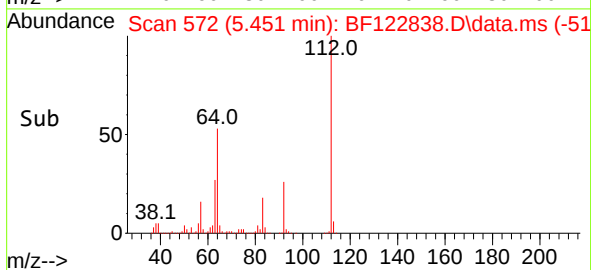
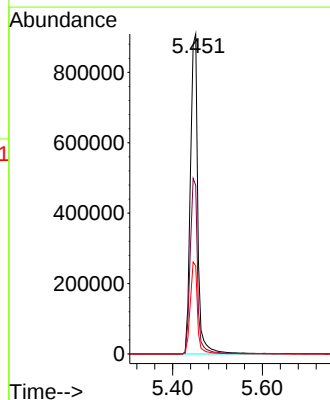
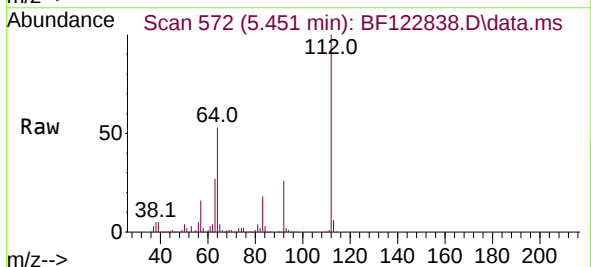
Instrument :
BNA_F
ClientSampleId :
CHRT-27339

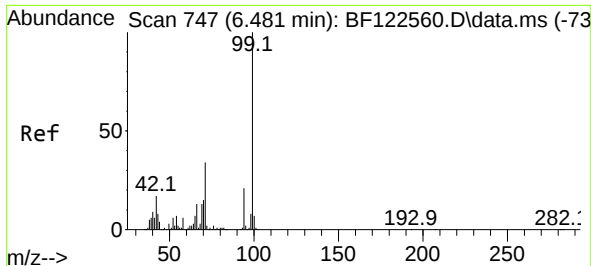
Tgt Ion:152 Resp: 149564
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 61.5 49.3 73.9



#5
2-Fluorophenol
Concen: 110.15 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

Tgt Ion:112 Resp: 1040586
Ion Ratio Lower Upper
112 100
64 52.7 46.9 70.3
63 27.5 24.5 36.7

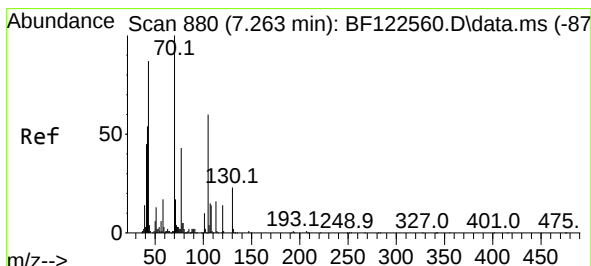
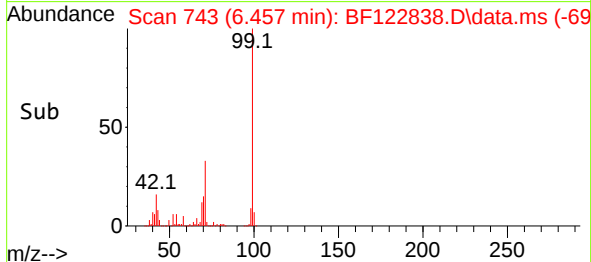
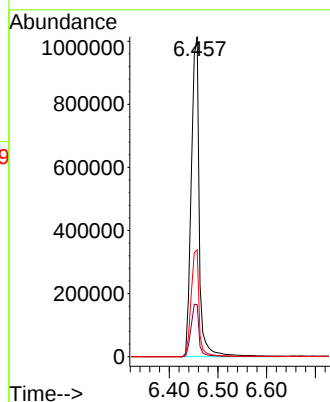
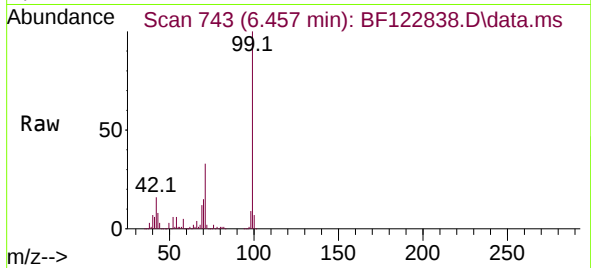




#7
Phenol-d6
Concen: 92.22 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

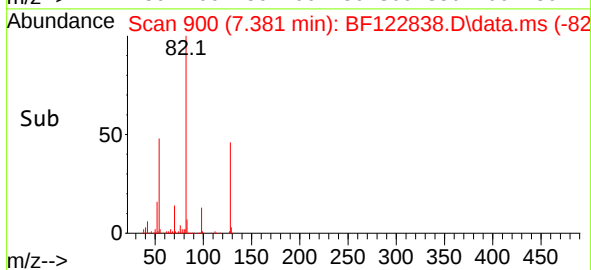
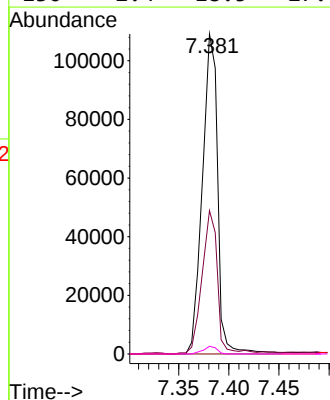
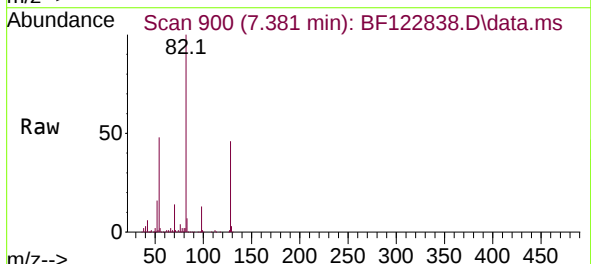
Instrument :
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ClientSampleId :
CHRT-27339

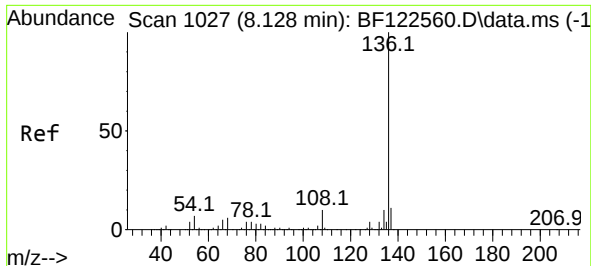
Tgt Ion: 99 Resp: 1155439
Ion Ratio Lower Upper
99 100
42 16.3 13.8 20.6
71 33.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.23 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

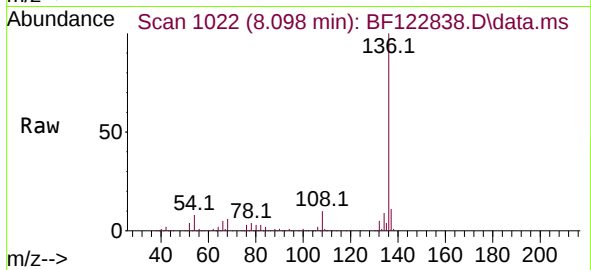
Tgt Ion: 70 Resp: 116471
Ion Ratio Lower Upper
70 100
42 44.8 43.0 64.4
101 0.0 7.9 11.9#
130 2.4 18.5 27.7#



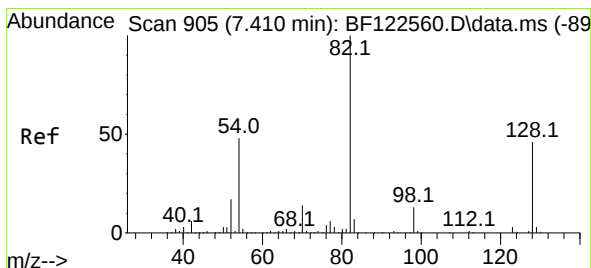
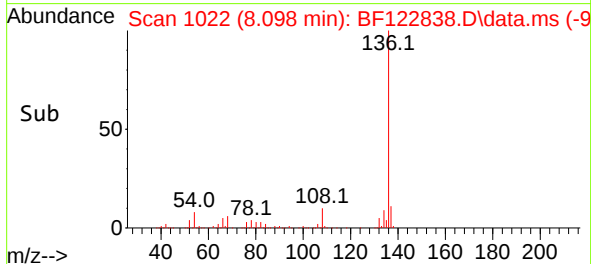
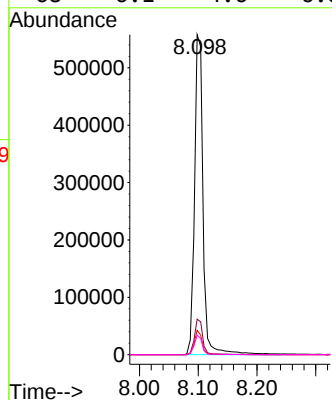


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

Instrument :
BNA_F
ClientSampleId :
CHRT-27339

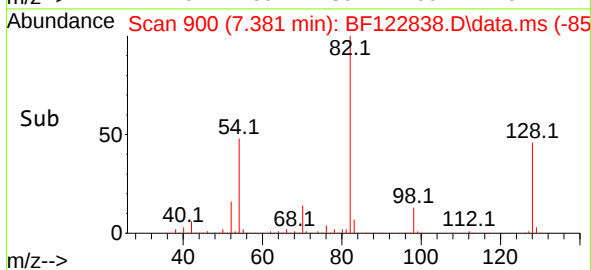
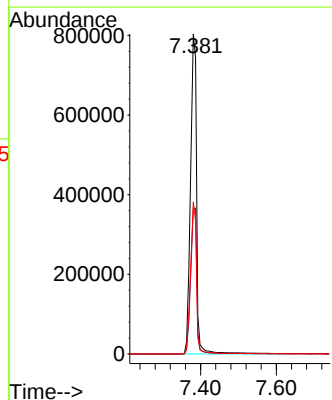
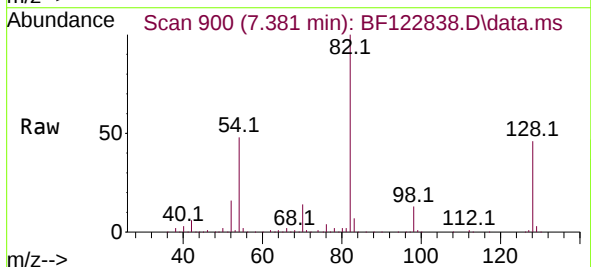


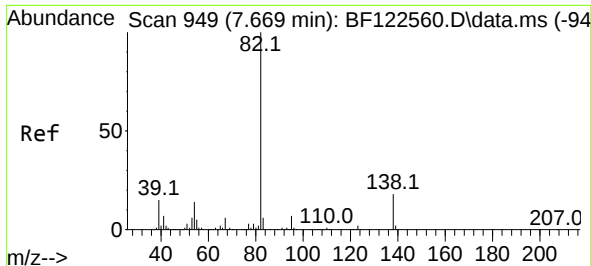
Tgt Ion:	136	Resp:	564043
Ion Ratio	100	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.6	5.5	8.3
68	6.1	4.6	6.8



#23
Nitrobenzene-d5
Concen: 79.61 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

Tgt Ion:	82	Resp:	896216
Ion Ratio	100	Lower	Upper
82	100		
128	45.5	37.0	55.4
54	47.5	38.4	57.6

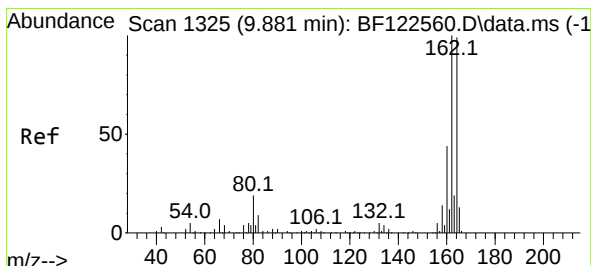
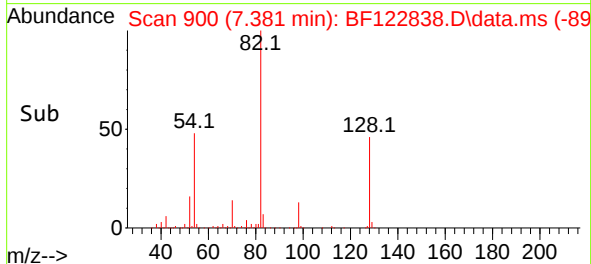
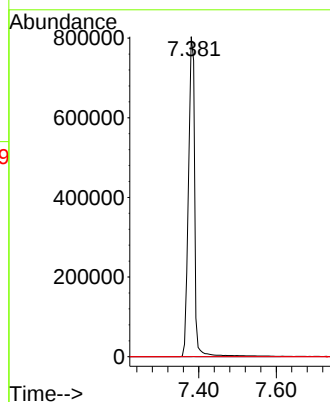
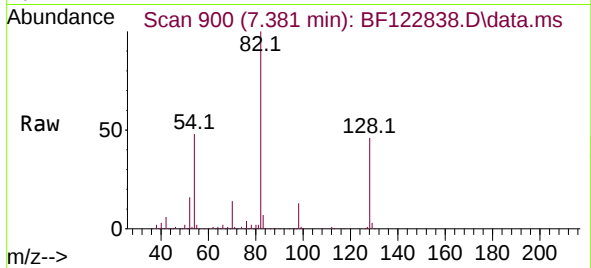




#25
Isophorone
Concen: 46.22 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

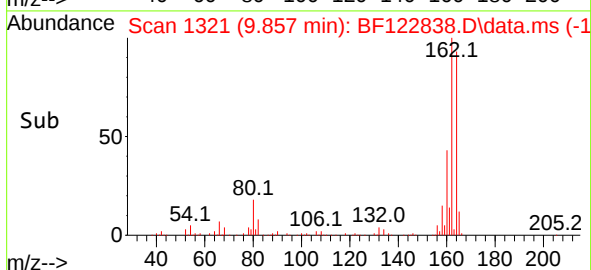
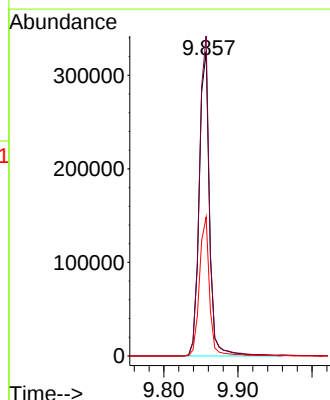
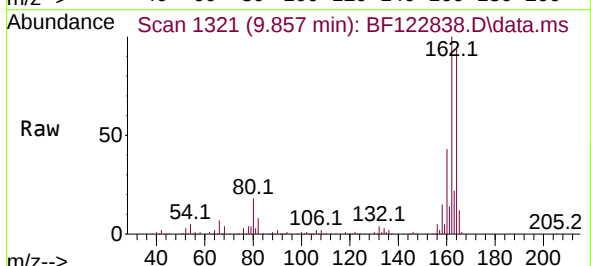
Instrument :
BNA_F
ClientSampleId :
CHRT-27339

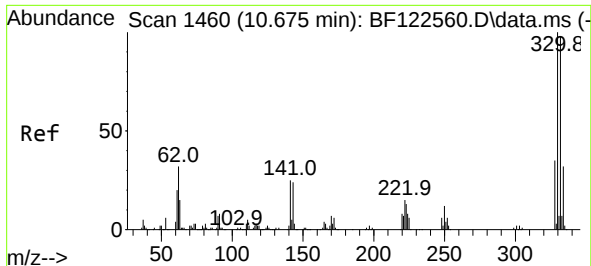
Tgt Ion: 82 Resp: 896211
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

Tgt Ion: 164 Resp: 311855
Ion Ratio Lower Upper
164 100
162 105.1 80.8 121.2
160 45.6 35.4 53.0

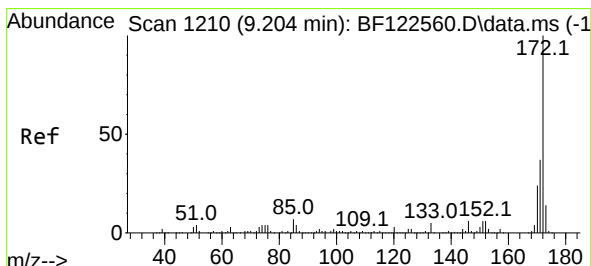
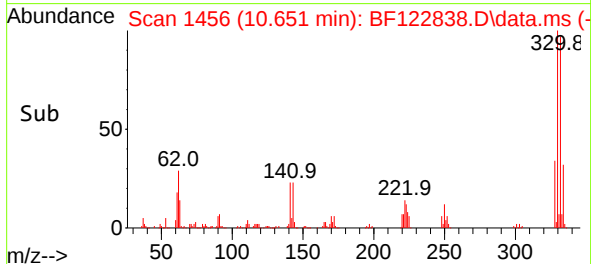
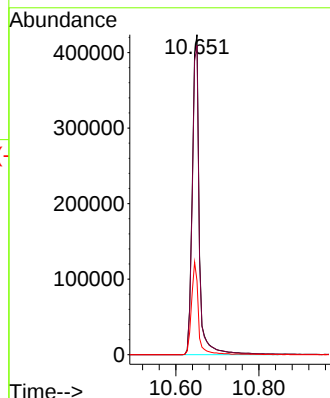
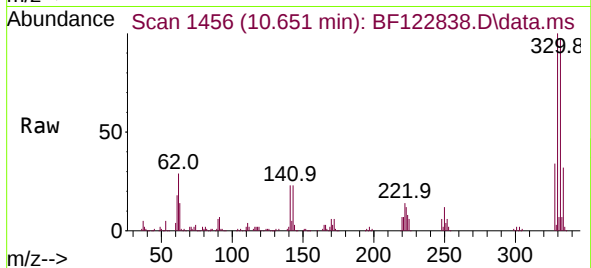




#42
2,4,6-Tribromophenol
Concen: 121.85 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

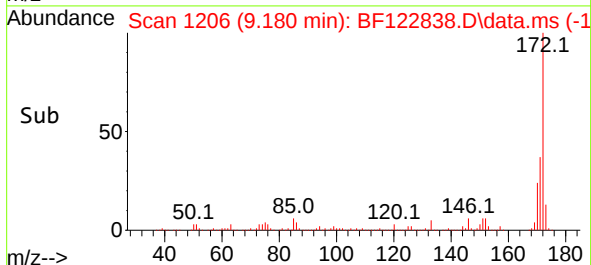
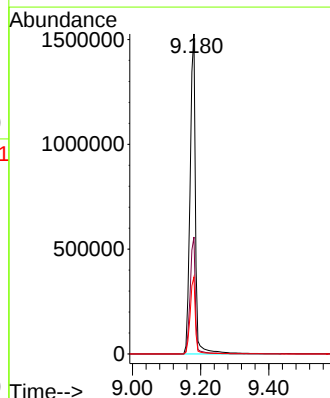
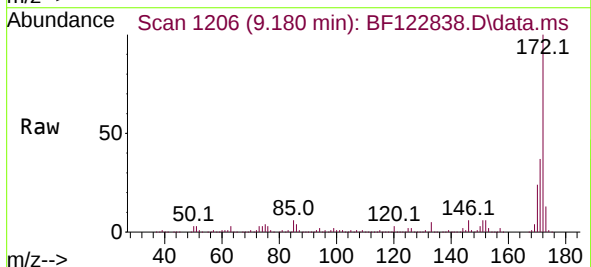
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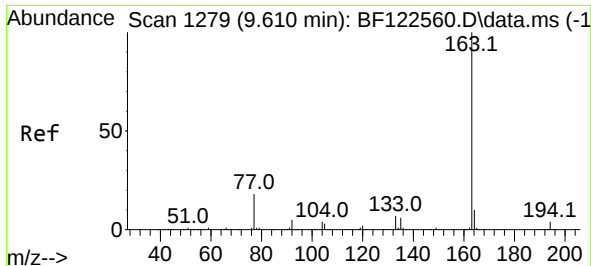
Tgt Ion: 330 Resp: 497411
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 28.4 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 72.15 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

Tgt Ion: 172 Resp: 1663603
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.1 19.5 29.3

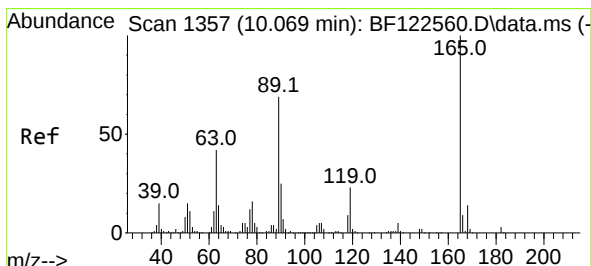
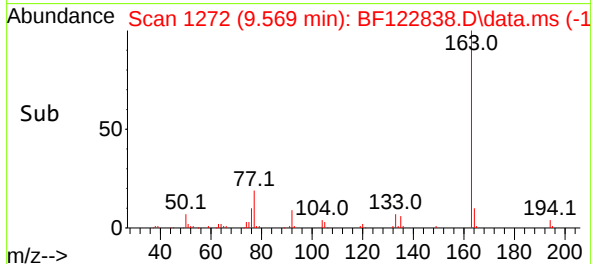
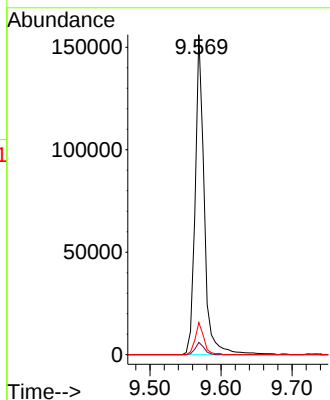
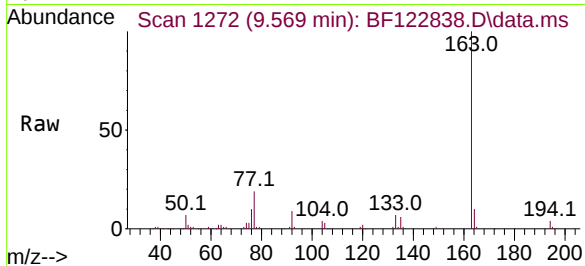




#50
Dimethylphthalate
Concen: 5.58 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

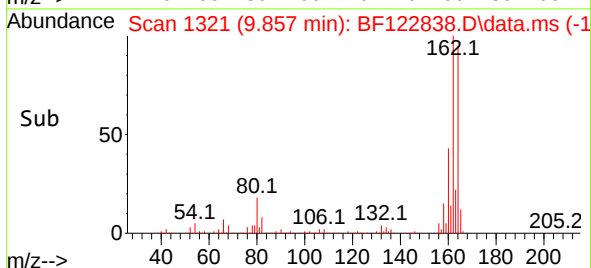
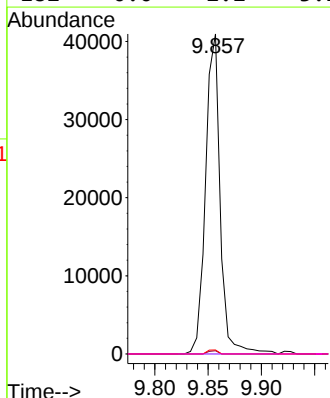
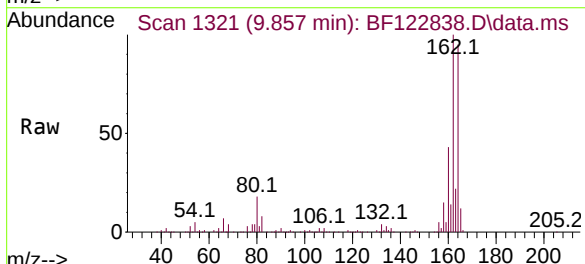
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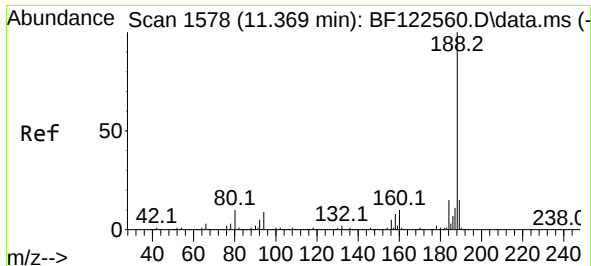
Tgt Ion:163 Resp: 138913
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.1 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

Tgt Ion:165 Resp: 39090
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

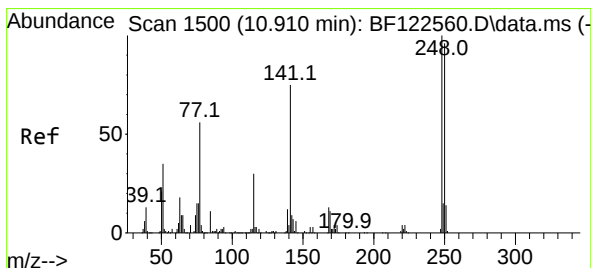
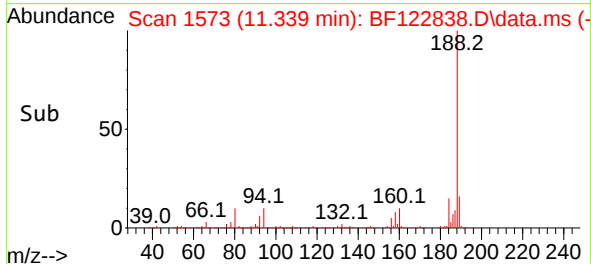
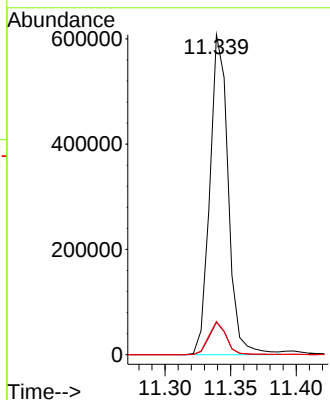
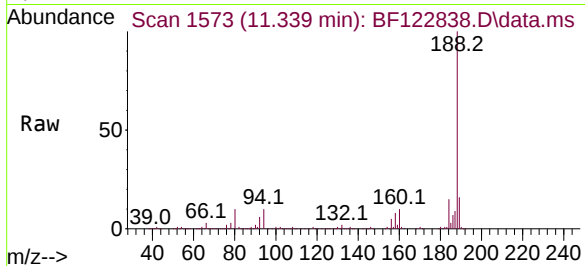




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

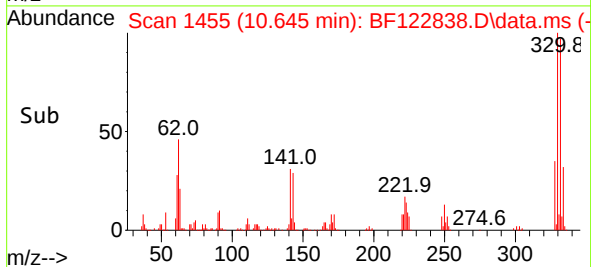
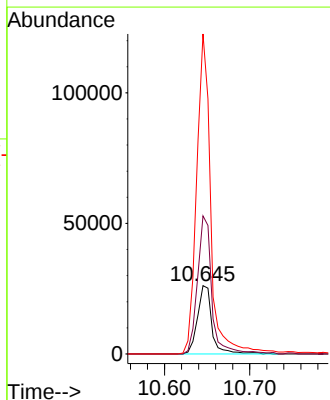
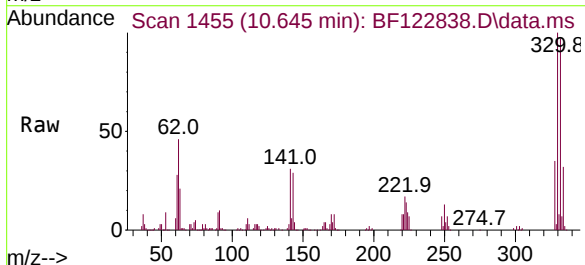
Instrument :
BNA_F
ClientSampleId :
CHRT-27339

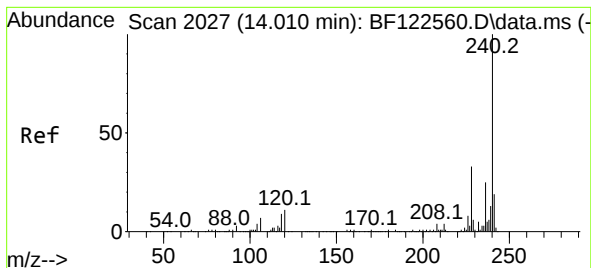
Tgt Ion:188 Resp: 593803
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

Tgt Ion:248 Resp: 30764
Ion Ratio Lower Upper
248 100
250 202.2 76.8 115.2#
141 468.9 59.8 89.8#

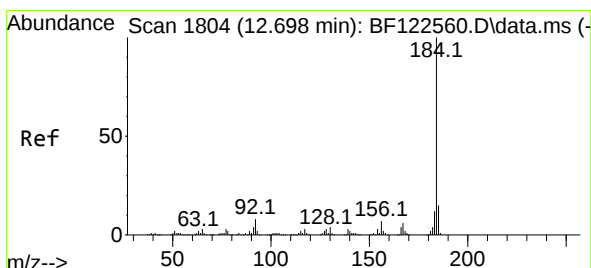
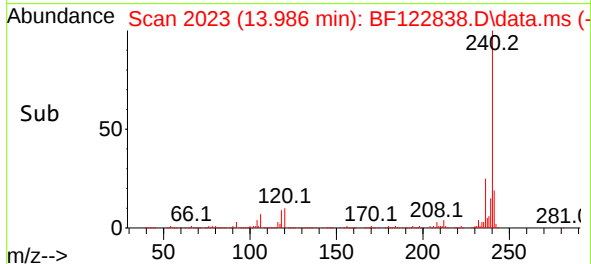
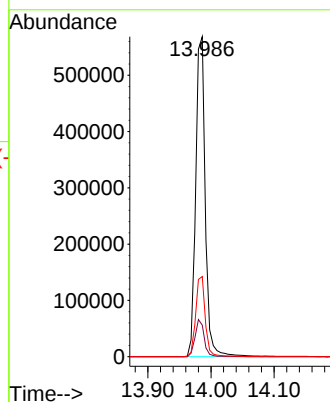
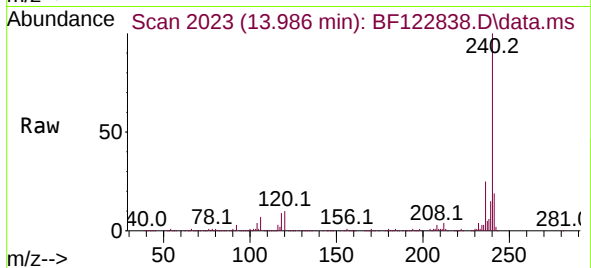




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

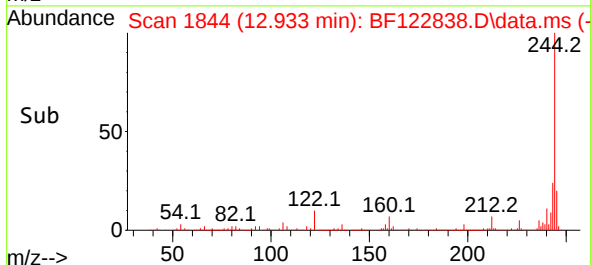
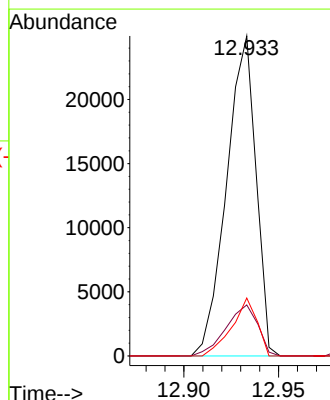
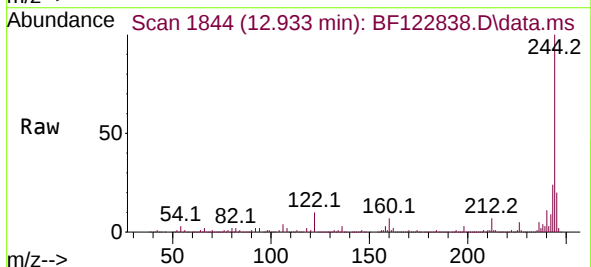
Instrument :
BNA_F
ClientSampleId :
CHRT-27339

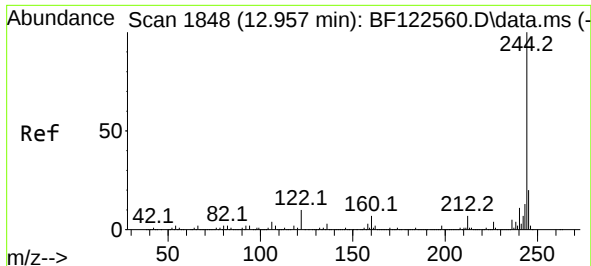
Tgt Ion:240 Resp: 596694
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.0 20.3 30.5



#77
Benzidine
Concen: 2.08 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF122838.D
Acq: 23 Dec 2020 18:32

Tgt Ion:184 Resp: 26887
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.6
183 18.1 9.7 14.5#

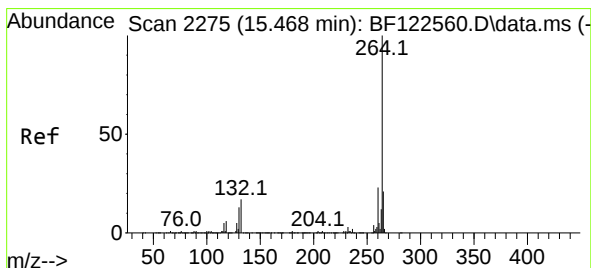
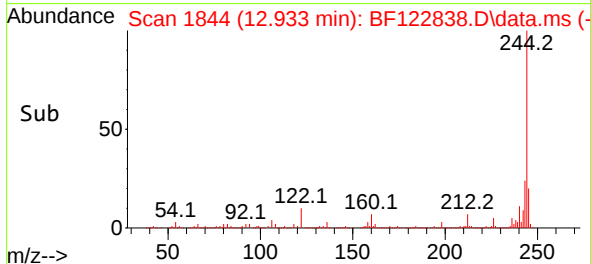
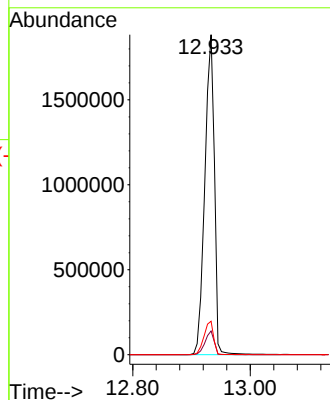
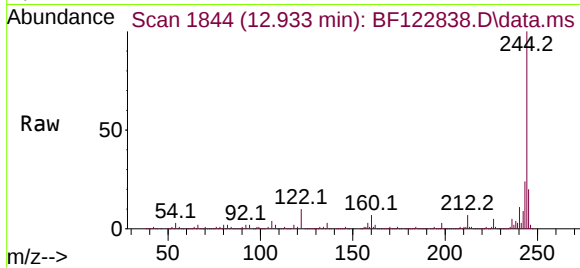




#79
 Terphenyl-d14
 Concen: 62.54 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF122838.D
 Acq: 23 Dec 2020 18:32

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27339

Tgt Ion:244 Resp: 2131885
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122838.D
 Acq: 23 Dec 2020 18:32

Tgt Ion:264 Resp: 593940
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 22.1 17.0 25.6

