

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
 Data File : BF122844.D
 Acq On : 23 Dec 2020 21:41
 Operator : JU/CG
 Sample : L5189-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 08

Quant Time: Dec 24 02:59:58 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)

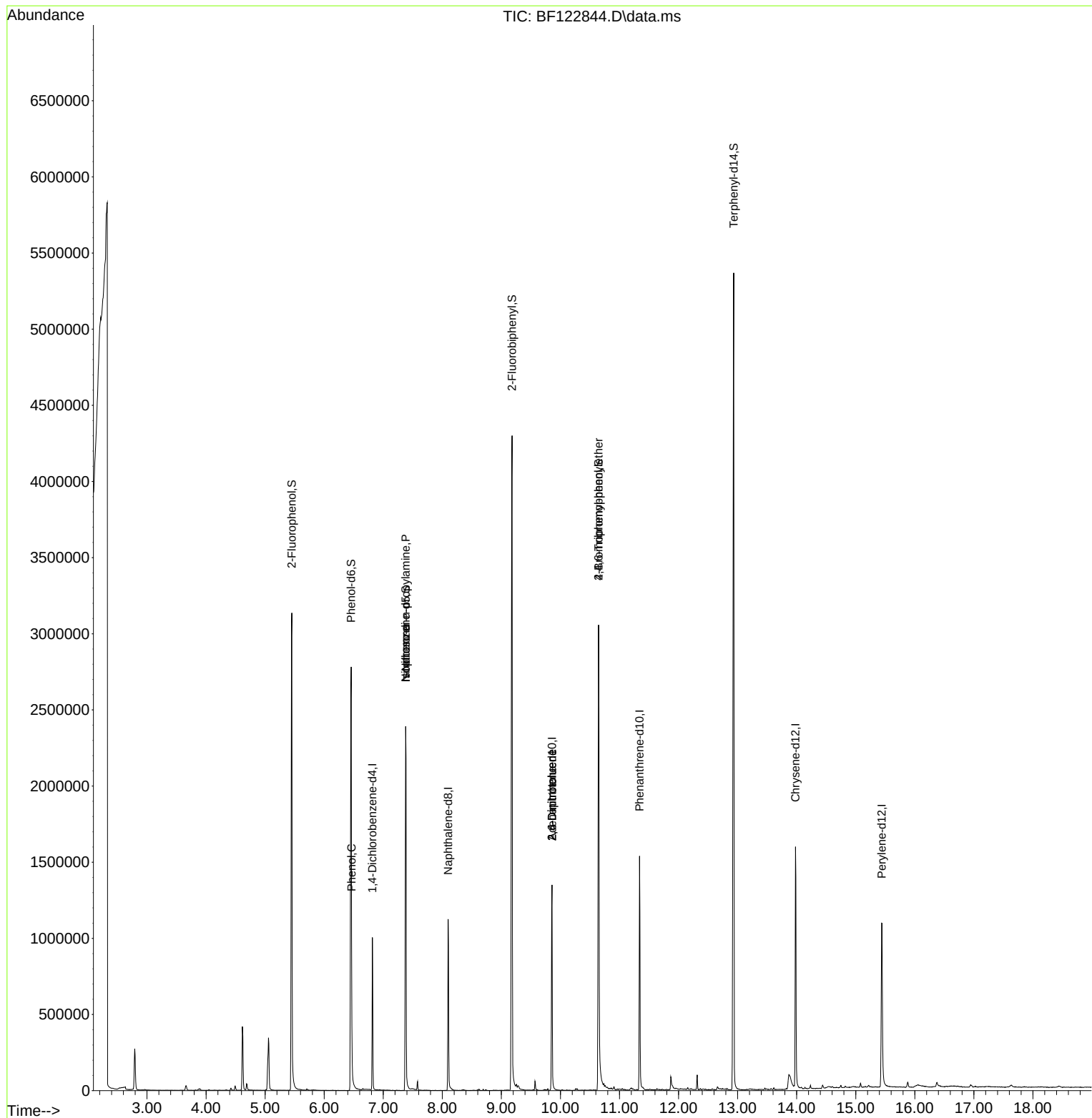
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	149713	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	560589	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	307842	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	597711	20.00	ng	0.00
76) Chrysene-d12	13.980	240	622798	20.00	ng	0.00
86) Perylene-d12	15.439	264	602298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1043291	110.32	ng	0.02
7) Phenol-d6	6.457	99	1173021	93.53	ng	0.00
23) Nitrobenzene-d5	7.381	82	909300	81.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	517335	128.39	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1656783	72.79	ng	0.00
79) Terphenyl-d14	12.933	244	2061392	57.94	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.463	94	91407	7.03	ng	97
19) n-Nitroso-di-n-propyla...	7.381	70	118850	16.54	ng	# 78
25) Isophorone	7.381	82	909417	47.19	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	39611	7.63	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	39611	5.73	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	32358	4.00	ng	# 1

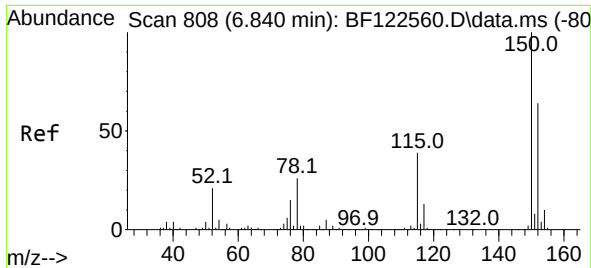
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 24 02:59:58 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

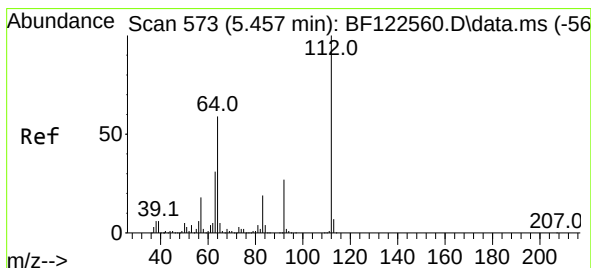
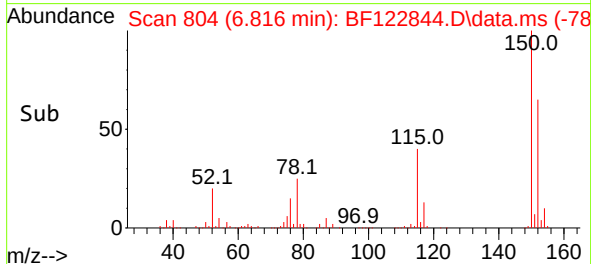
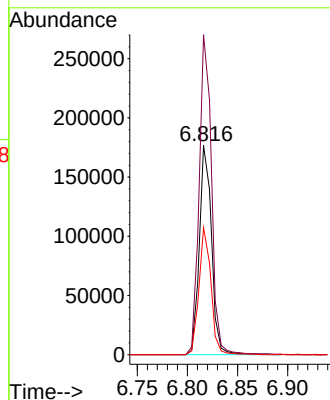
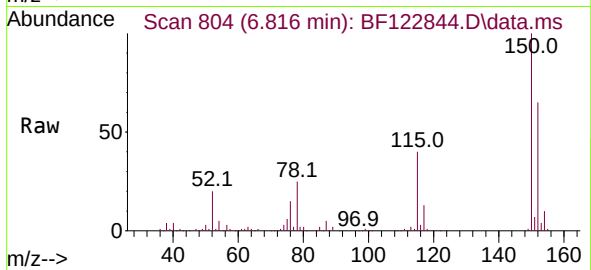




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

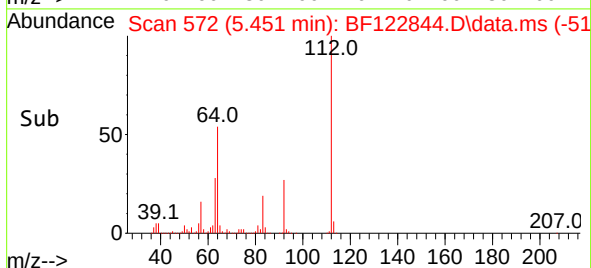
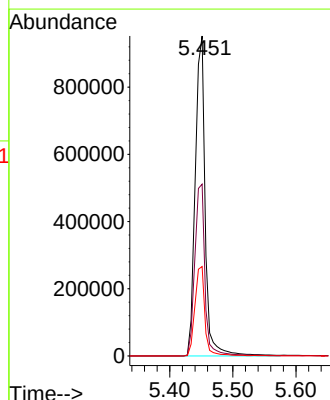
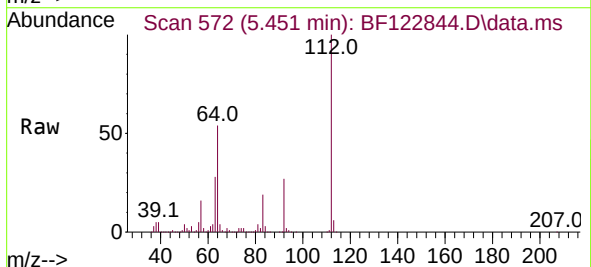
Instrument :
BNA_F
ClientSampleId :
08

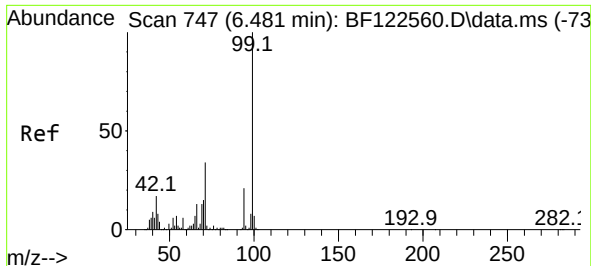
Tgt Ion:152 Resp: 149713
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.6
115 60.8 49.3 73.9



#5
2-Fluorophenol
Concen: 110.32 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

Tgt Ion:112 Resp: 1043291
Ion Ratio Lower Upper
112 100
64 53.7 46.9 70.3
63 28.0 24.5 36.7



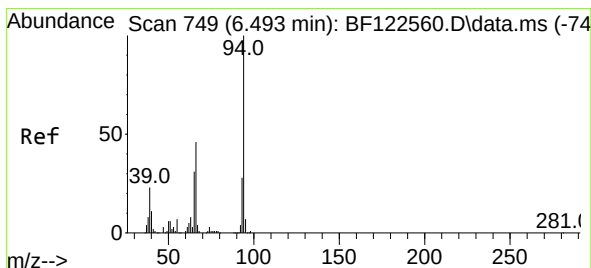
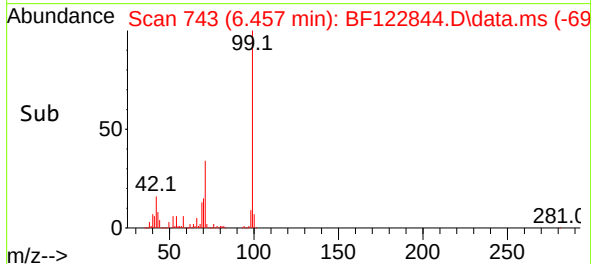
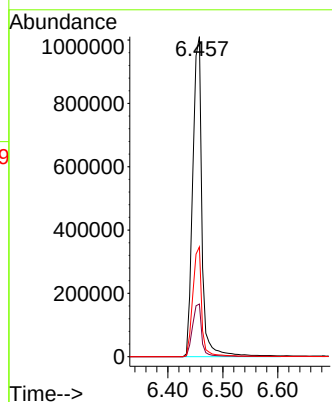
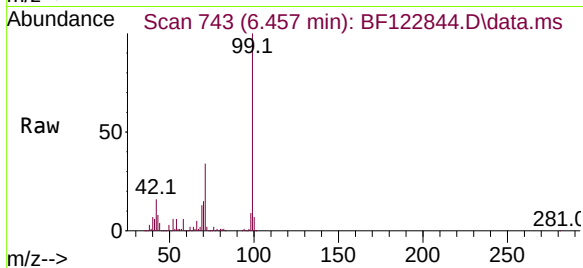


#7
Phenol-d6
Concen: 93.53 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

Instrument :
BNA_F
ClientSampleId :
08

Tgt Ion: 99 Resp: 1173021

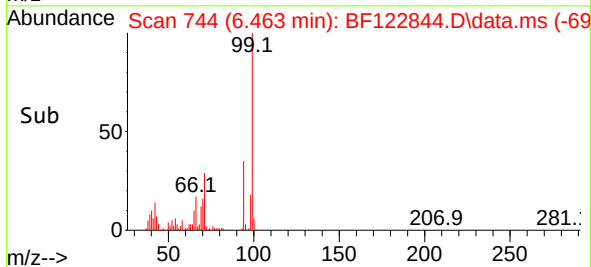
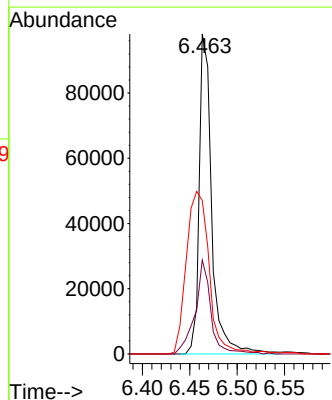
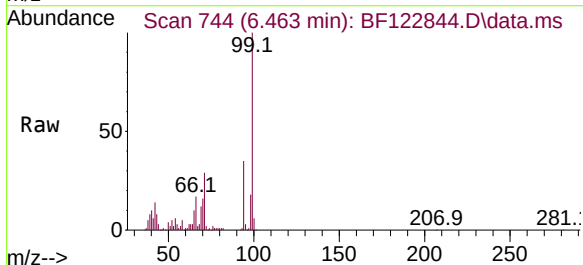
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.6
71	34.3	26.9	40.3

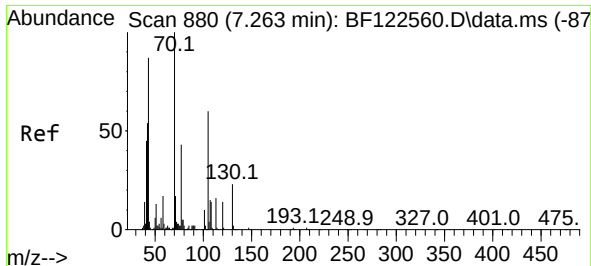


#10
Phenol
Concen: 7.03 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

Tgt Ion: 94 Resp: 91407

Ion	Ratio	Lower	Upper
94	100		
65	29.4	11.2	51.2
66	48.0	25.8	65.8

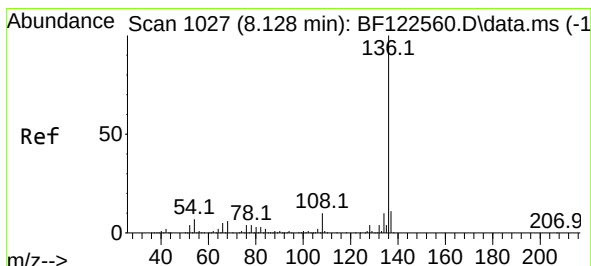
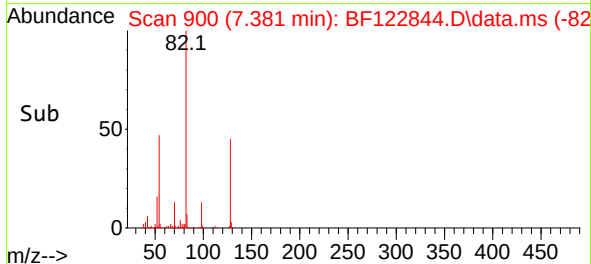
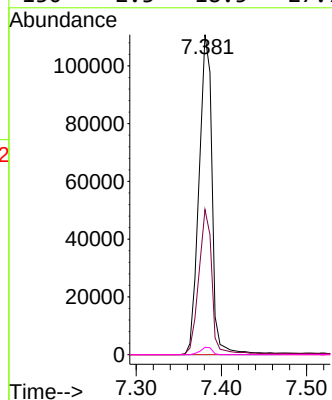
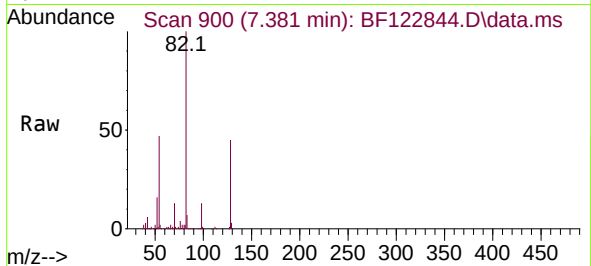




#19
n-Nitroso-di-n-propylamine
Concen: 16.54 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

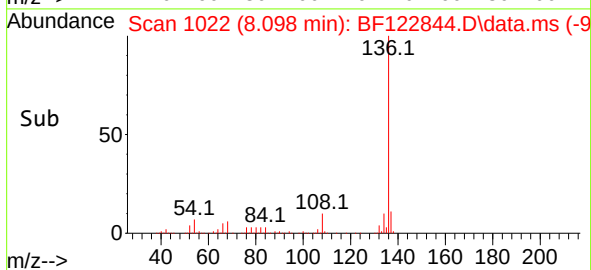
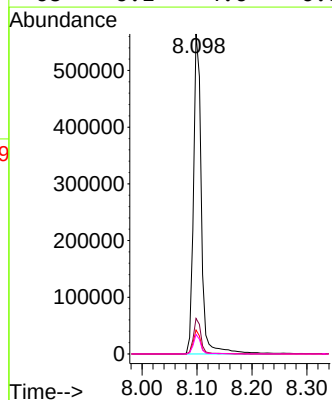
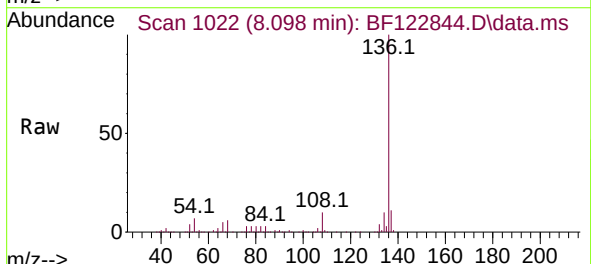
Instrument :
BNA_F
ClientSampled :
08

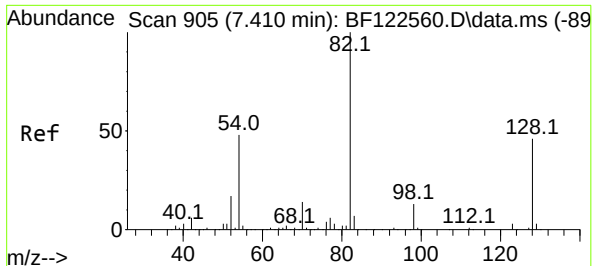
Tgt Ion: 70 Resp: 118850
Ion Ratio Lower Upper
70 100
42 45.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

Tgt Ion: 136 Resp: 560589
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 5.5 8.3
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 81.27 ng

RT: 7.381 min Scan# 900

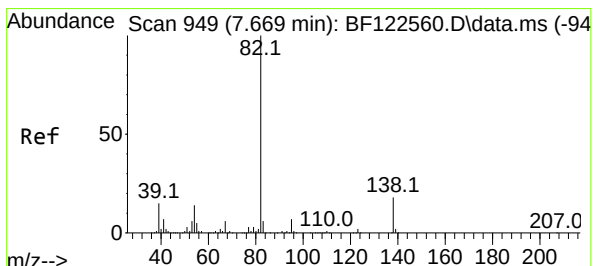
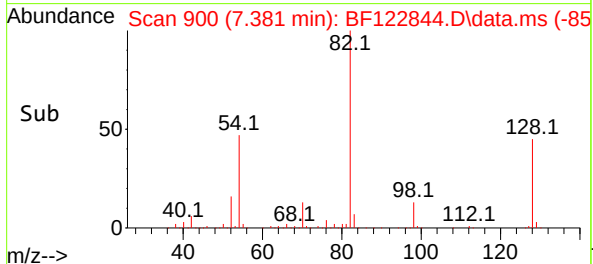
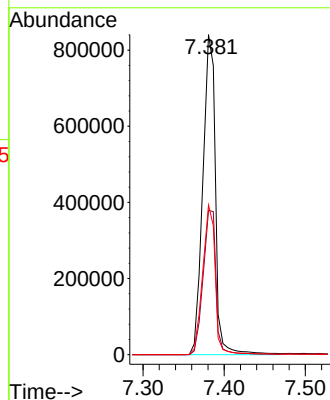
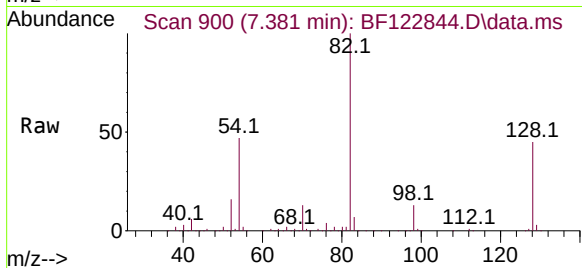
Delta R.T. -0.012 min

Lab File: BF122844.D

Acq: 23 Dec 2020 21:41

Tgt Ion: 82 Resp: 909300

Ion	Ratio	Lower	Upper
82	100		
128	45.1	37.0	55.4
54	46.7	38.4	57.6



#25

Isophorone

Concen: 47.19 ng

RT: 7.381 min Scan# 900

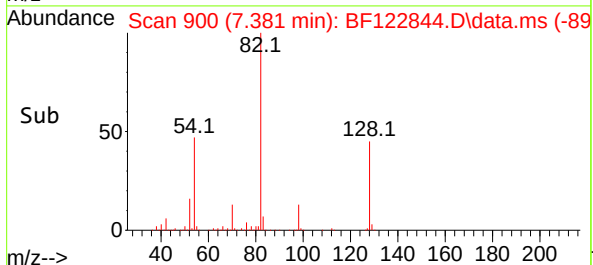
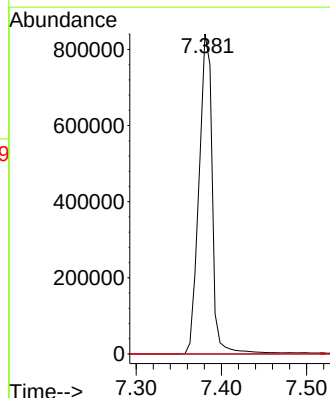
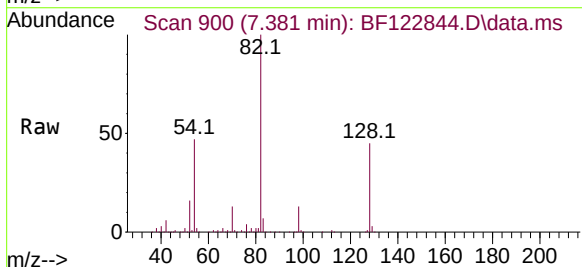
Delta R.T. -0.265 min

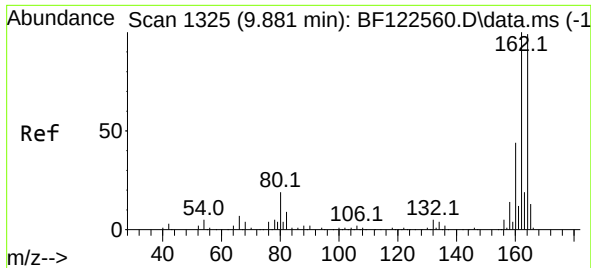
Lab File: BF122844.D

Acq: 23 Dec 2020 21:41

Tgt Ion: 82 Resp: 909417

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

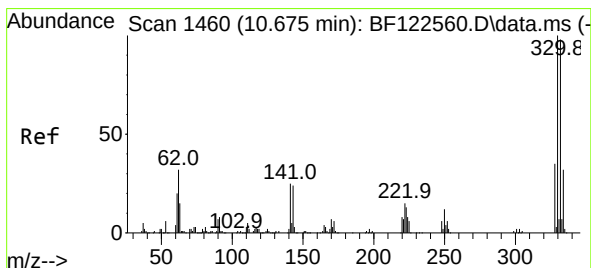
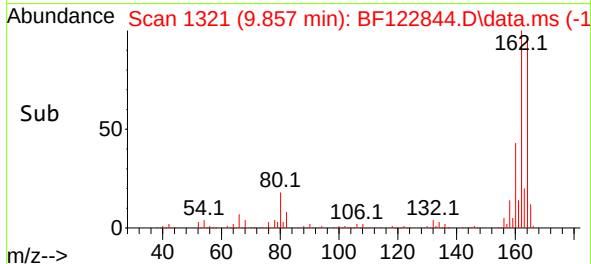
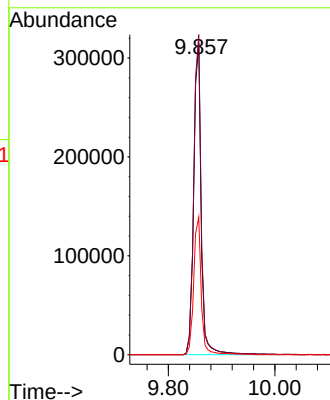
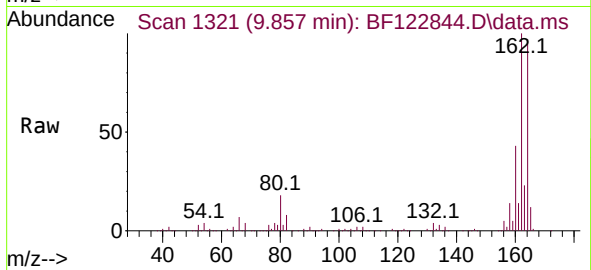




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

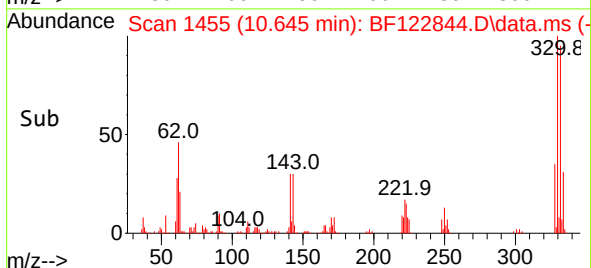
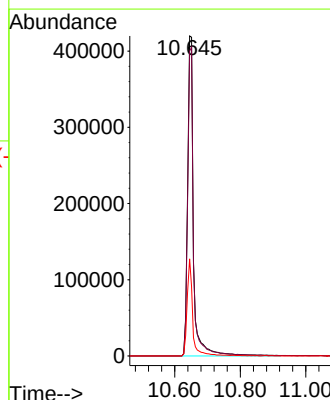
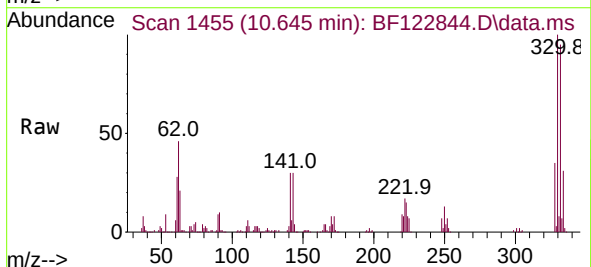
Instrument :
BNA_F
ClientSampleId :
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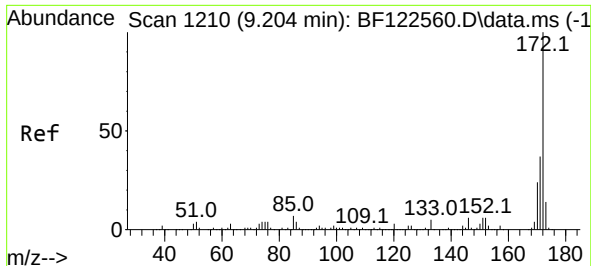
Tgt Ion:164 Resp: 307842
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 44.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 128.39 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

Tgt Ion:330 Resp: 517335
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 28.6 23.8 35.8

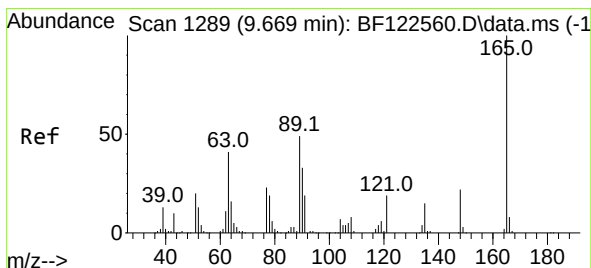
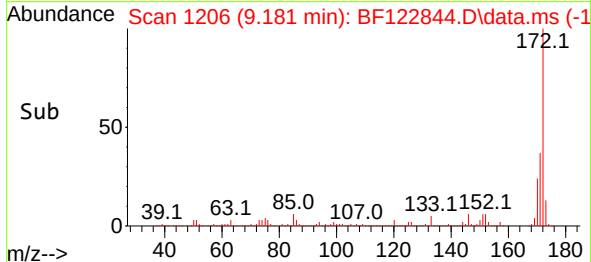
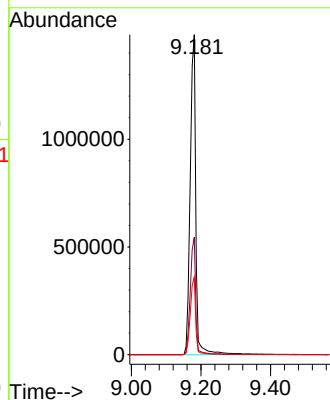
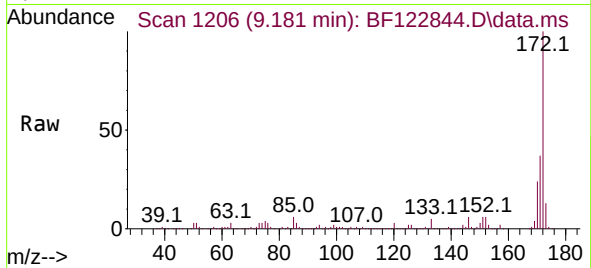




#45
2-Fluorobiphenyl
Concen: 72.79 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

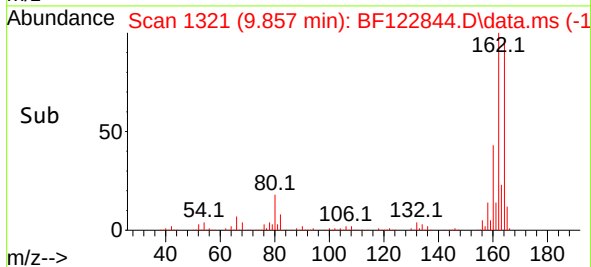
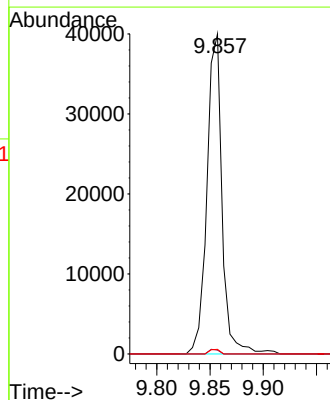
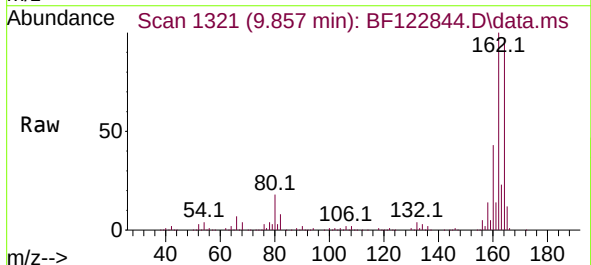
Instrument :
BNA_F
ClientSampleId :
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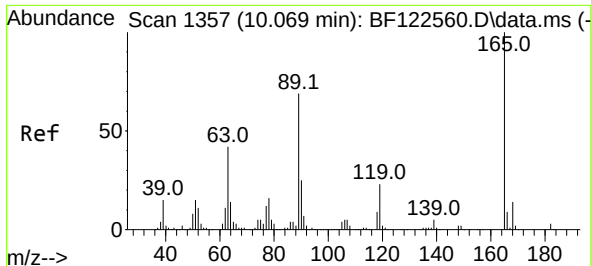
Tgt Ion:172 Resp: 1656783
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

Tgt Ion:165 Resp: 39611
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.5 39.4 59.0#

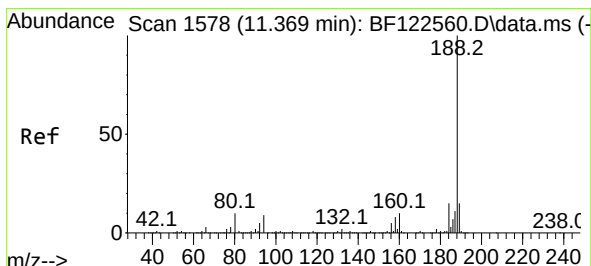
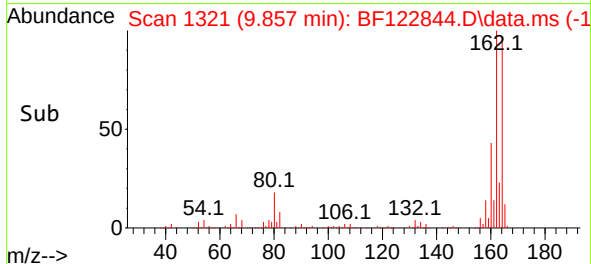
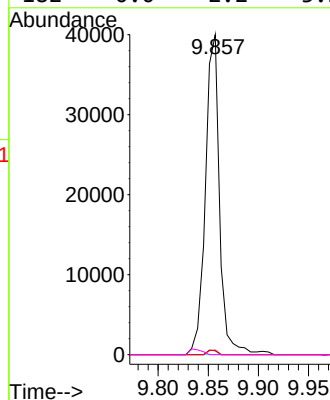
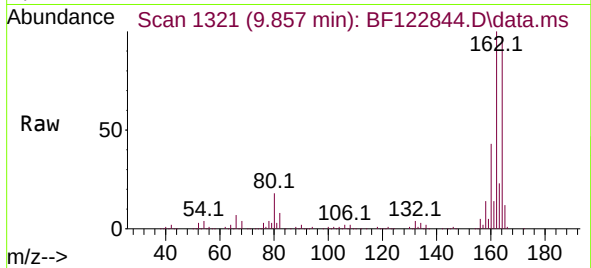




#57
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

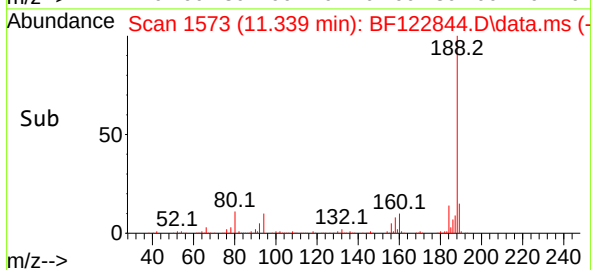
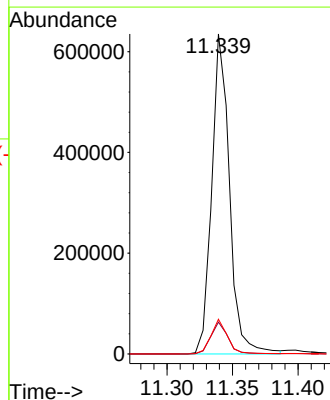
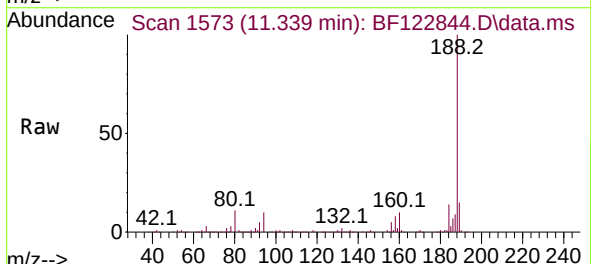
Instrument :
BNA_F
ClientSampleId :
08

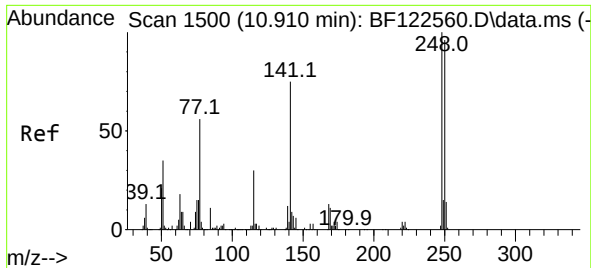
Tgt Ion:165	Resp:	39611
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.3 51.5#
89	1.5	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

Tgt Ion:188	Resp:	597711
Ion Ratio	Lower	Upper
188	100	
94	10.0	7.4 11.2
80	10.9	8.2 12.4

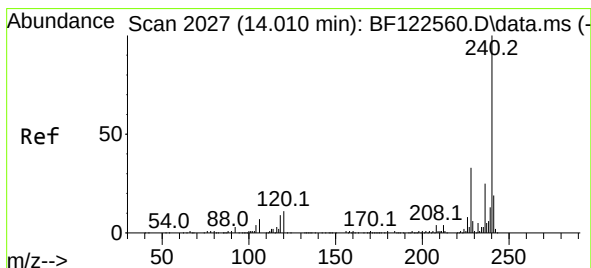
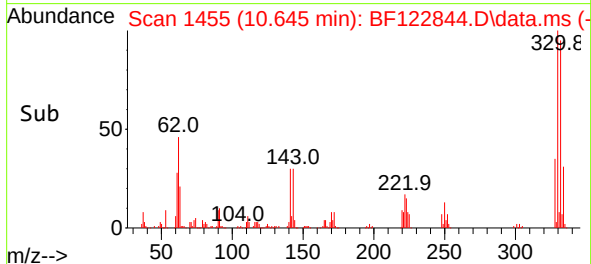
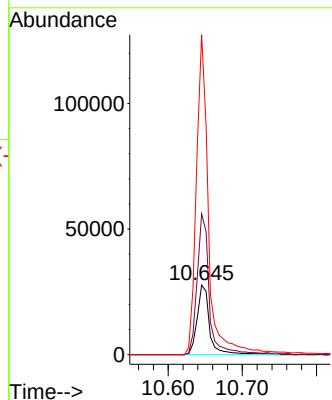
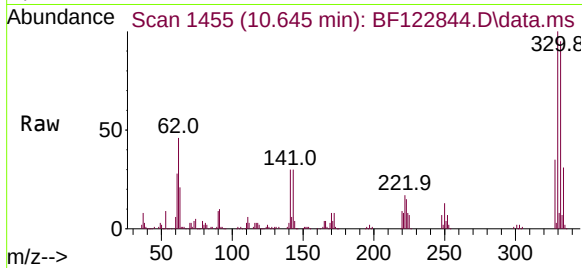




#67
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

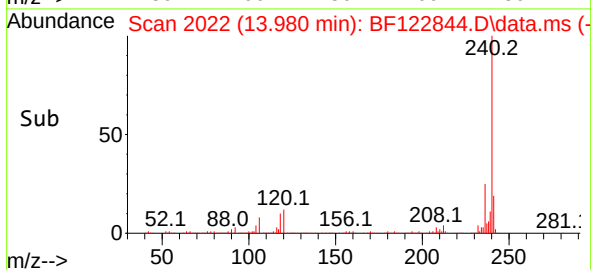
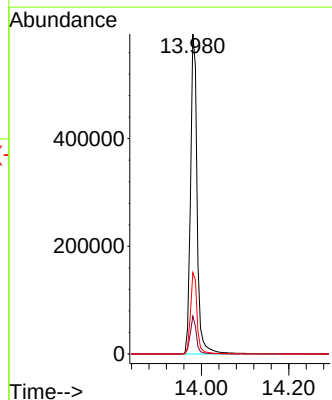
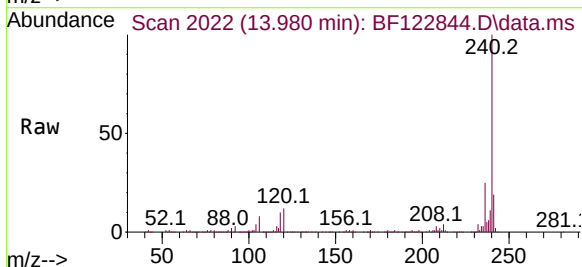
Instrument :
BNA_F
ClientSampled :
08

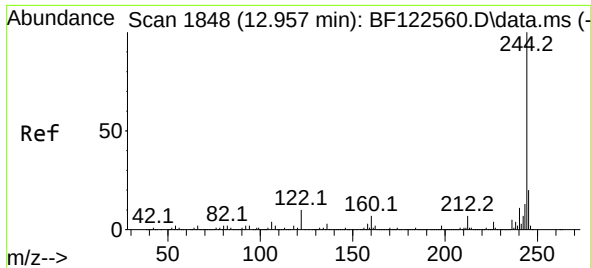
Tgt Ion:248 Resp: 32358
Ion Ratio Lower Upper
248 100
250 202.3 76.8 115.2#
141 459.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122844.D
Acq: 23 Dec 2020 21:41

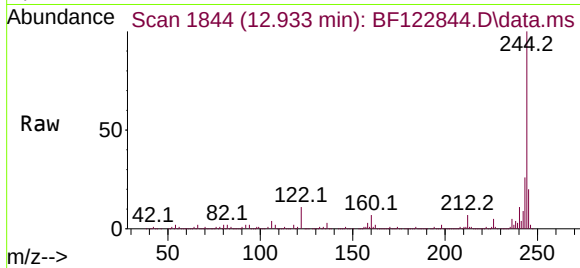
Tgt Ion:240 Resp: 622798
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 25.4 20.3 30.5





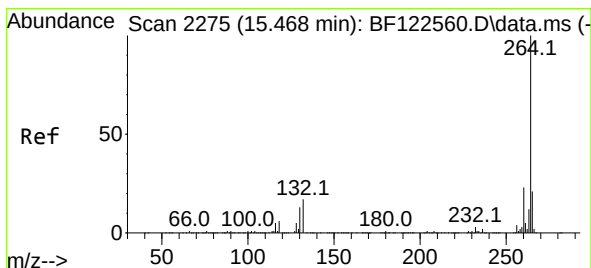
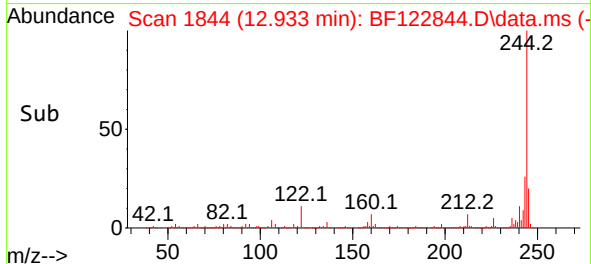
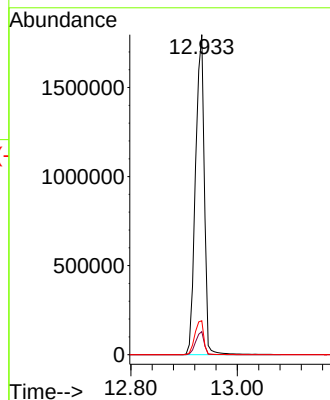
#79
 Terphenyl-d14
 Concen: 57.94 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF122844.D
 Acq: 23 Dec 2020 21:41

Instrument :
 BNA_F
 ClientSampleId :
 08



Tgt Ion:244 Resp: 2061392

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.6	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: BF122844.D
 Acq: 23 Dec 2020 21:41

Tgt Ion:264 Resp: 602298

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.6	17.0	25.6

