

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
 Data File : BF122790.D
 Acq On : 18 Dec 2020 17:37
 Operator : JU/CG
 Sample : L5036-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1

Quant Time: Dec 18 23:33:46 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)

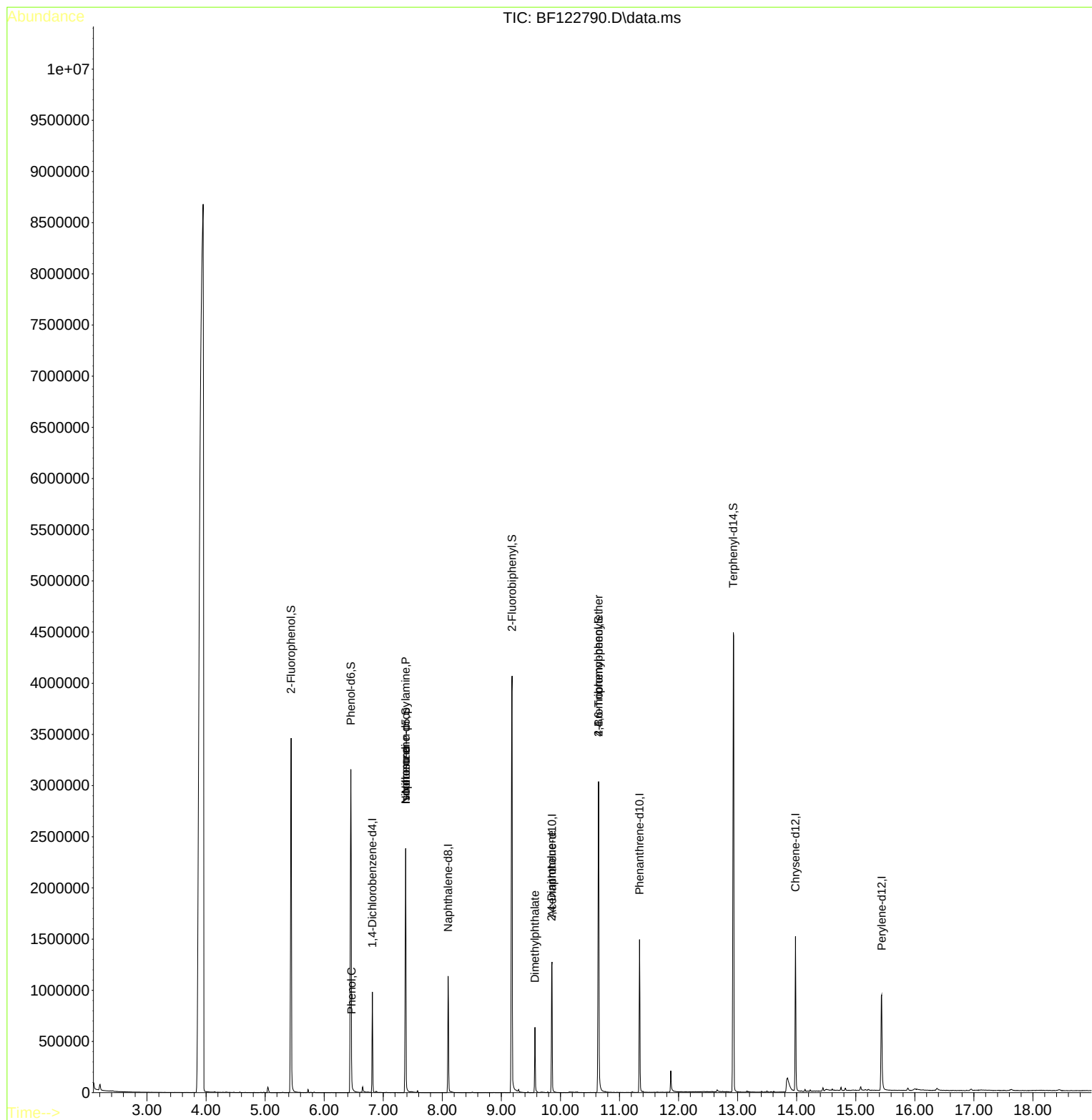
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	138650	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	541725	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	290195	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	555647	20.00	ng	0.00
76) Chrysene-d12	13.980	240	520468	20.00	ng	0.00
86) Perylene-d12	15.439	264	482099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1095687	125.11	ng	0.00
7) Phenol-d6	6.451	99	1358606	116.97	ng	0.00
23) Nitrobenzene-d5	7.381	82	844160	78.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	465803	122.63	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1546716	72.09	ng	0.00
79) Terphenyl-d14	12.927	244	1732232	58.26	ng	0.00
Target Compounds						
10) Phenol	6.463	94	28036	2.33	ng	Qvalue 93
19) n-Nitroso-di-n-propyla...	7.381	70	112472	16.90	ng	# 77
25) Isophorone	7.381	82	844148	45.33	ng	# 65
50) Dimethylphthalate	9.569	163	258341	11.15	ng	99
57) 2,4-Dinitrotoluene	9.851	165	37186	5.70	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	28451	3.78	ng	# 1

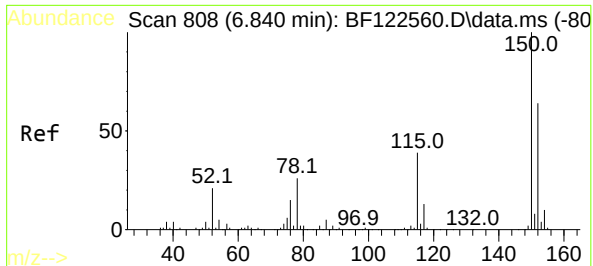
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

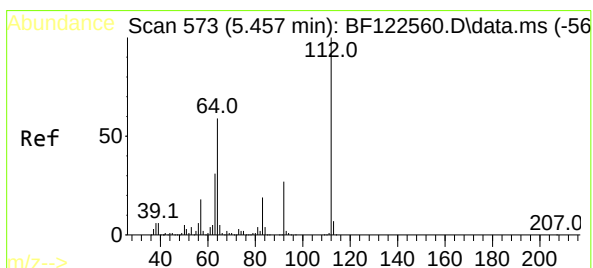
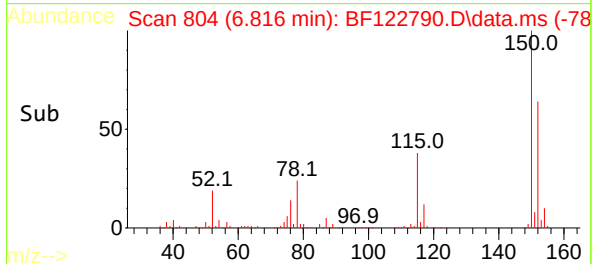
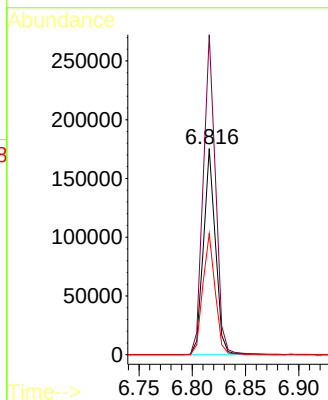
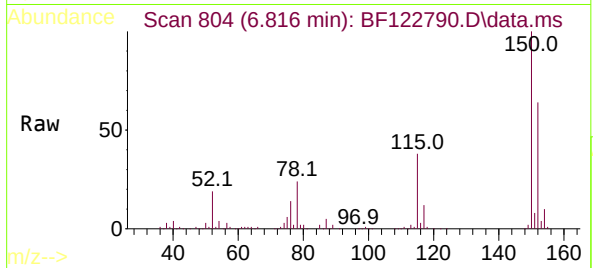




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

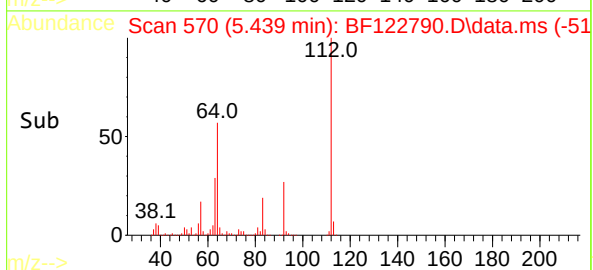
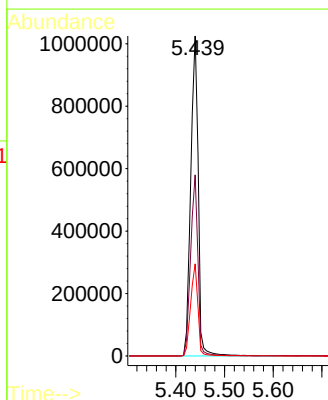
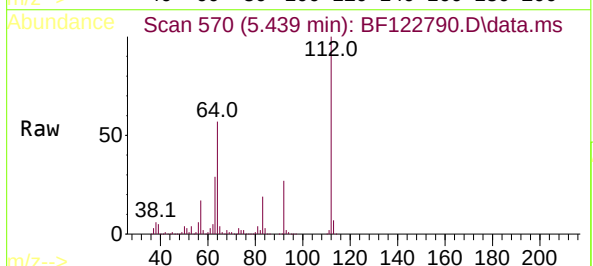
Instrument :
BNA_F
ClientSampleId :
B-1

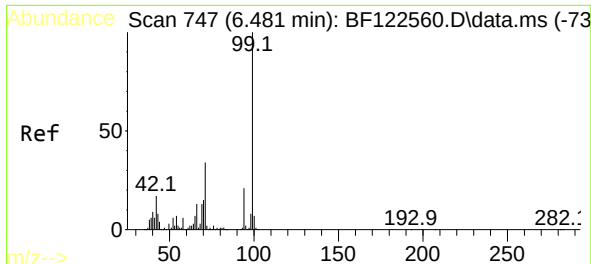
Tgt Ion:152 Resp: 138650
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 58.8 49.3 73.9



#5
2-Fluorophenol
Concen: 125.11 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

Tgt Ion:112 Resp: 1095687
Ion Ratio Lower Upper
112 100
64 56.6 46.9 70.3
63 28.8 24.5 36.7



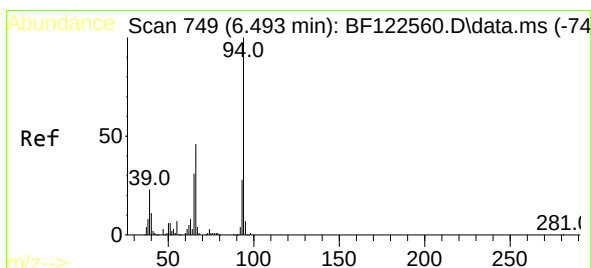
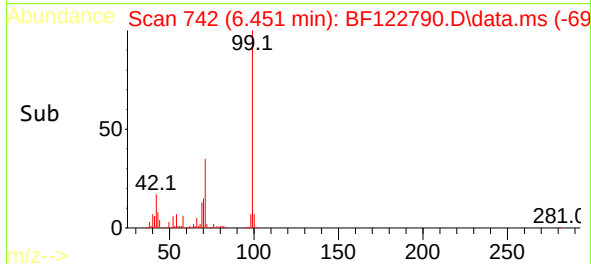
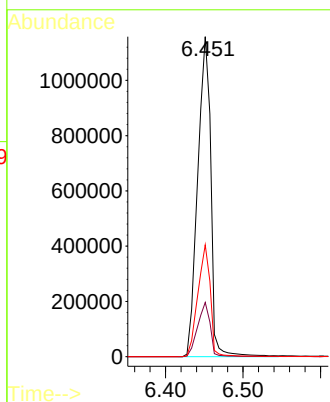
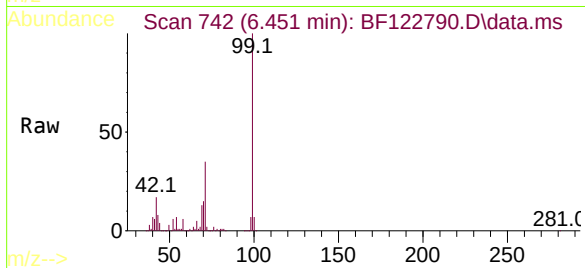


#7
Phenol-d6
Concen: 116.97 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

Instrument :
BNA_F
ClientSampleId :
B-1

Tgt Ion: 99 Resp: 1358606

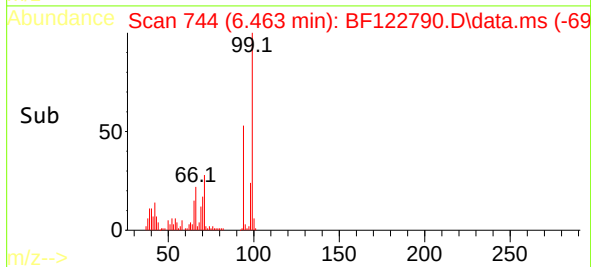
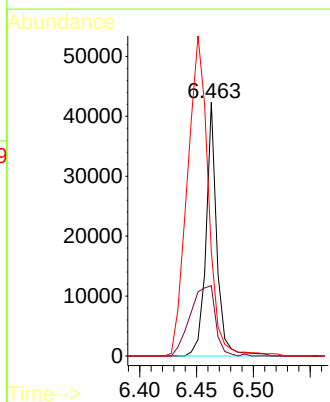
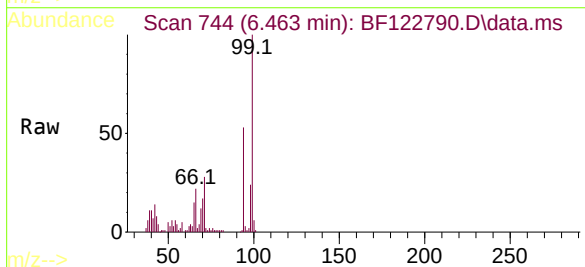
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	35.0	26.9	40.3

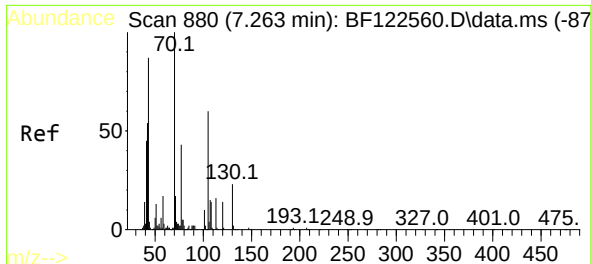


#10
Phenol
Concen: 2.33 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

Tgt Ion: 94 Resp: 28036

Ion	Ratio	Lower	Upper
94	100		
65	27.7	11.2	51.2
66	41.1	25.8	65.8

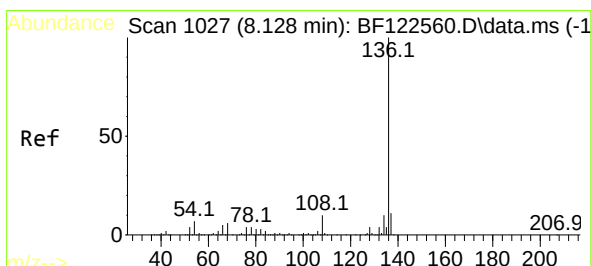
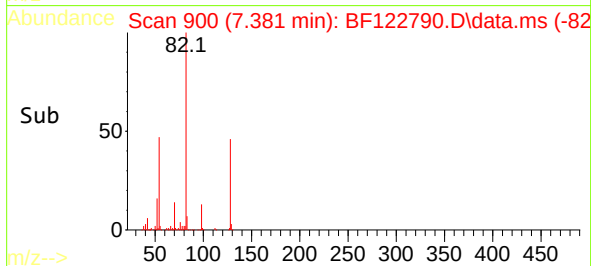
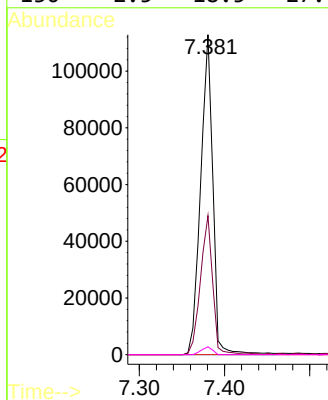
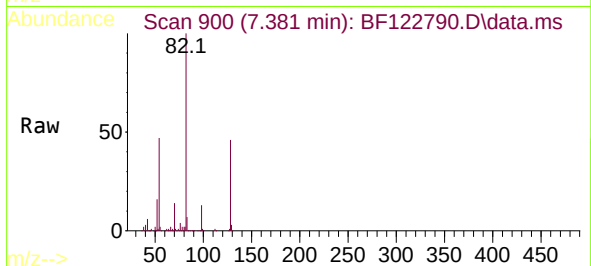




#19
n-Nitroso-di-n-propylamine
Concen: 16.90 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

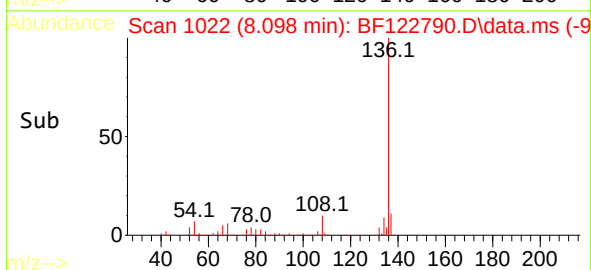
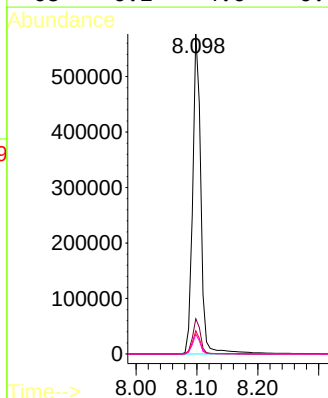
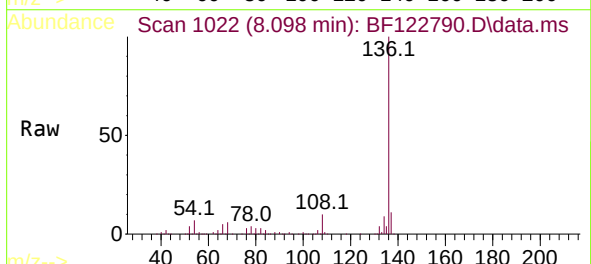
Instrument :
BNA_F
ClientSampled :
B-1

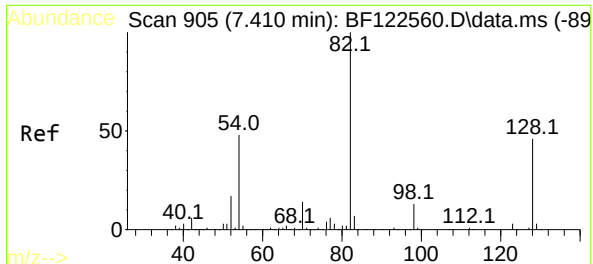
Tgt Ion: 70 Resp: 112472
Ion Ratio Lower Upper
70 100
42 43.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.5 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

Tgt Ion: 136 Resp: 541725
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 5.5 8.3
68 6.2 4.6 6.8

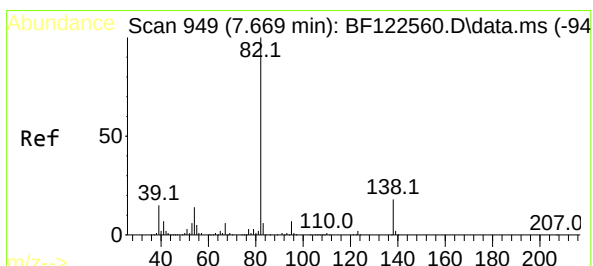
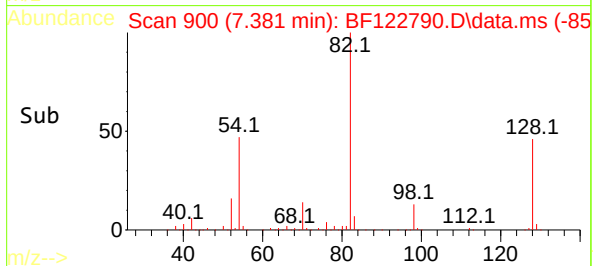
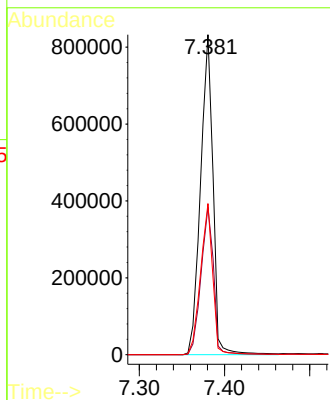
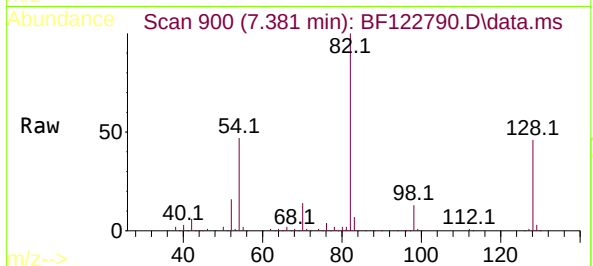




#23
Nitrobenzene-d5
Concen: 78.07 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

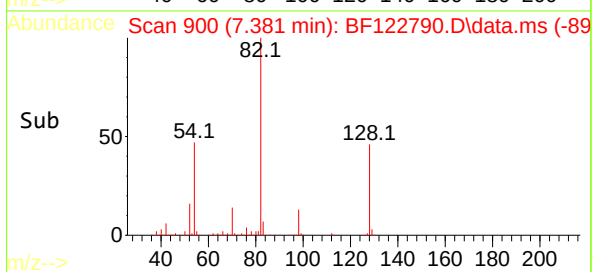
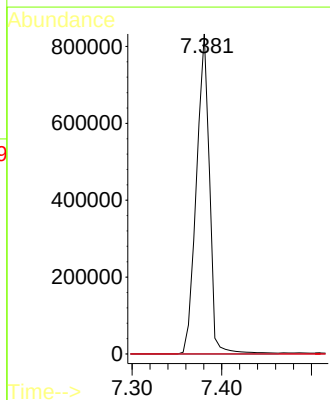
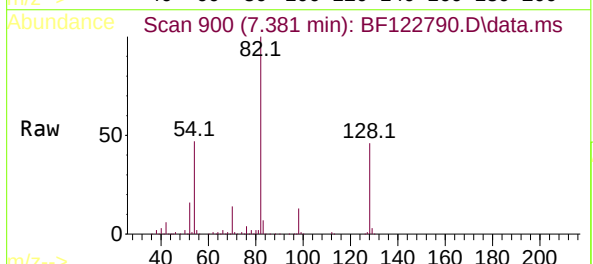
Instrument :
BNA_F
ClientSampleId :
B-1

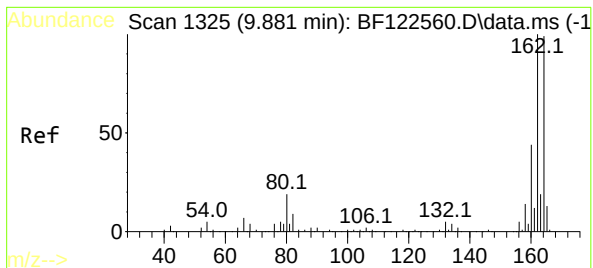
Tgt Ion: 82 Resp: 844160
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 47.2 38.4 57.6



#25
Isophorone
Concen: 45.33 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

Tgt Ion: 82 Resp: 844148
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: BF122790.D

Acq: 18 Dec 2020 17:37

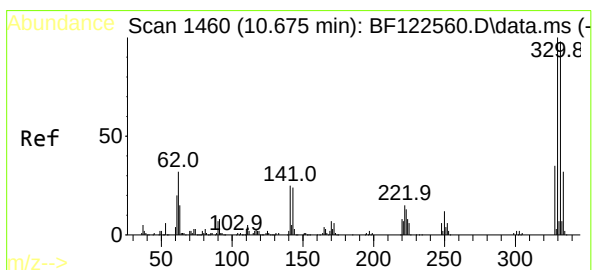
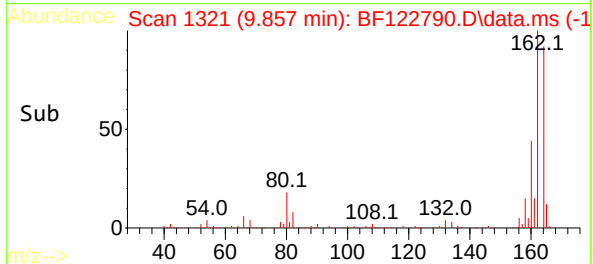
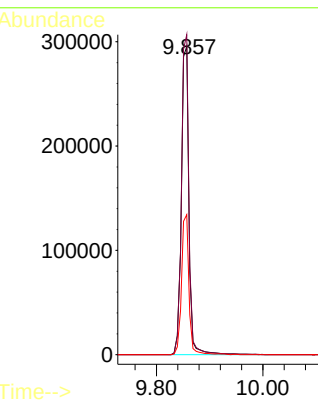
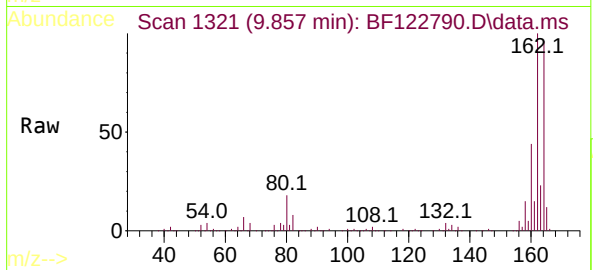
Tgt Ion:164 Resp: 290195

Ion Ratio Lower Upper

164 100

162 103.8 80.8 121.2

160 45.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 122.63 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF122790.D

Acq: 18 Dec 2020 17:37

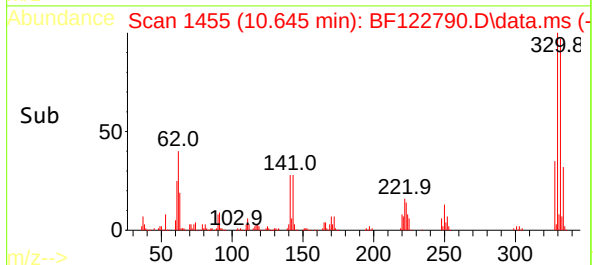
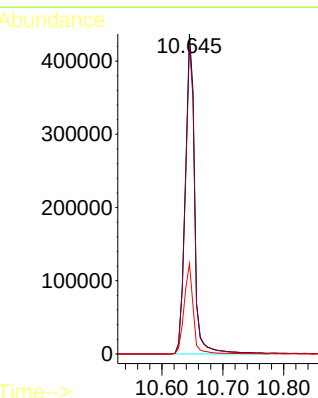
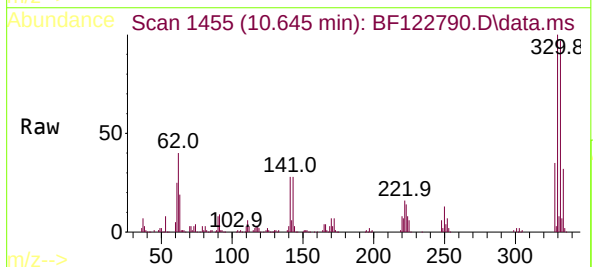
Tgt Ion:330 Resp: 465803

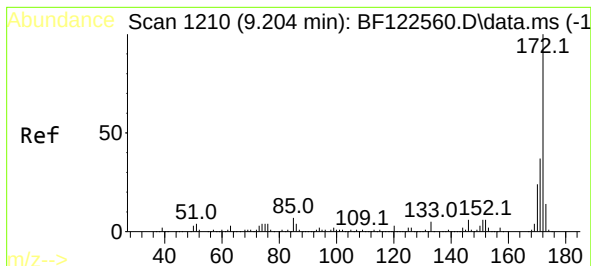
Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 27.7 23.8 35.8

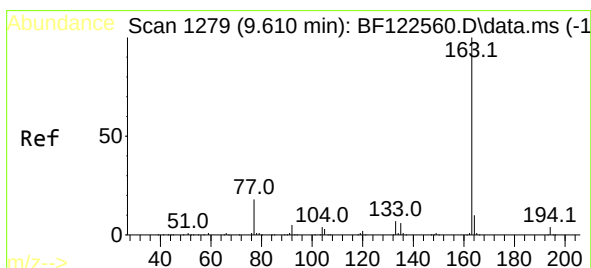
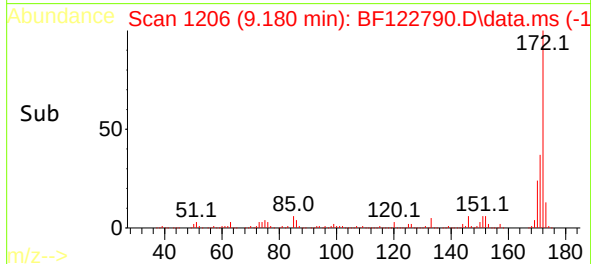
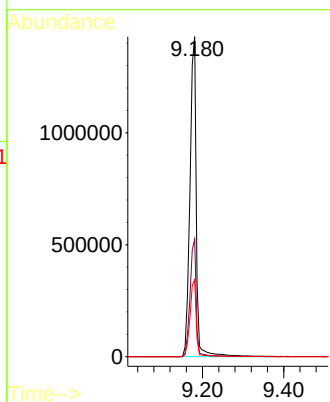
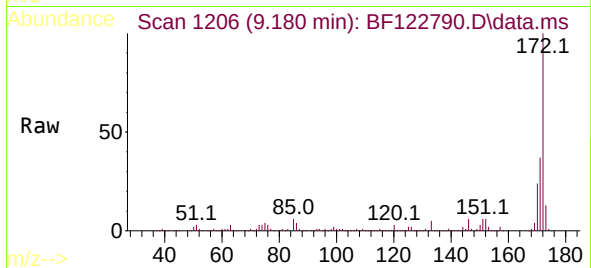




#45
2-Fluorobiphenyl
Concen: 72.09 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

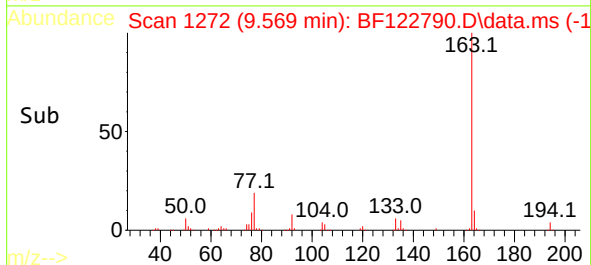
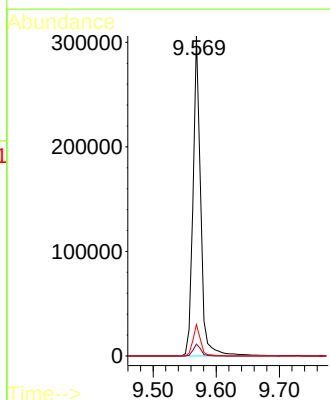
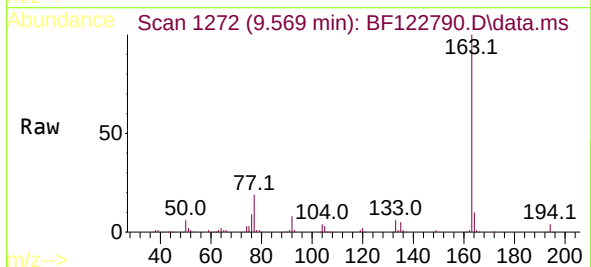
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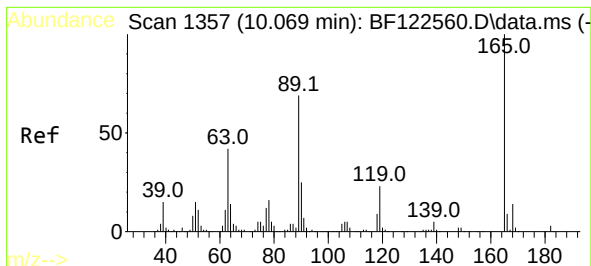
Tgt Ion:172 Resp: 1546716
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 11.15 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

Tgt Ion:163 Resp: 258341
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.9 8.1 12.1

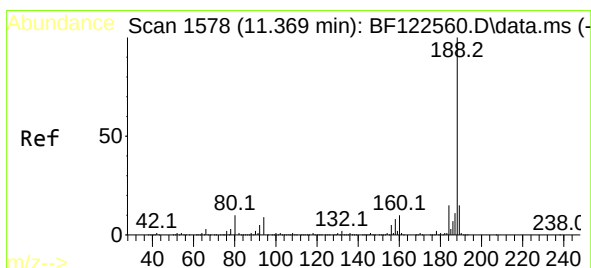
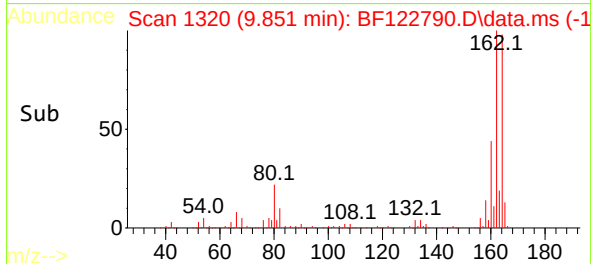
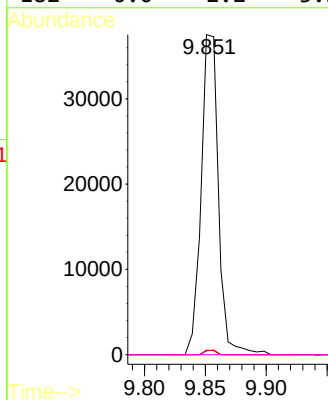
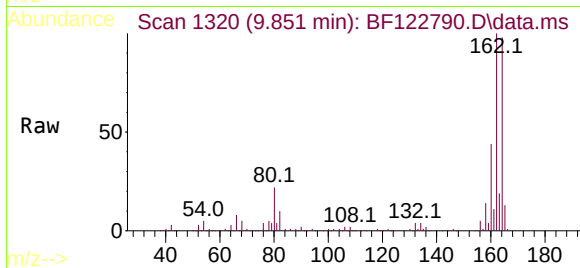




#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

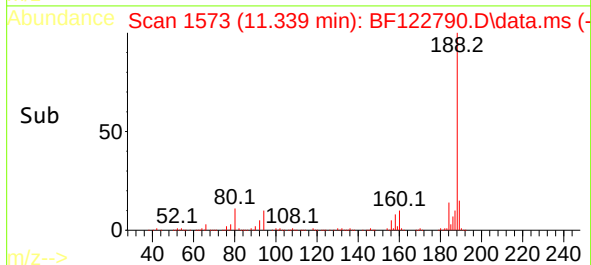
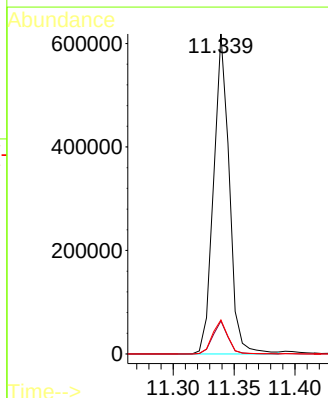
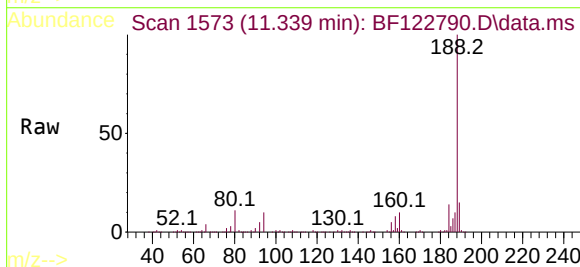
Instrument :
BNA_F
ClientSampled :
B-1

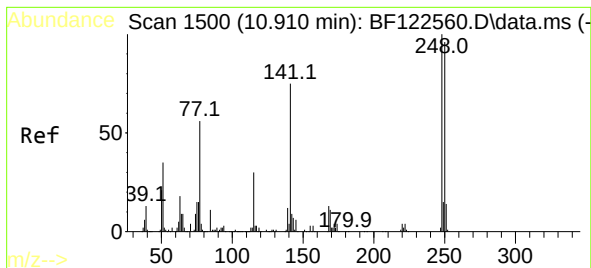
Tgt Ion:165	Resp:	37186
Ion Ratio	Lower	Upper
165	100	
63	1.2	34.3 51.5#
89	1.4	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

Tgt Ion:188	Resp:	555647
Ion Ratio	Lower	Upper
188	100	
94	10.3	7.4 11.2
80	10.7	8.2 12.4

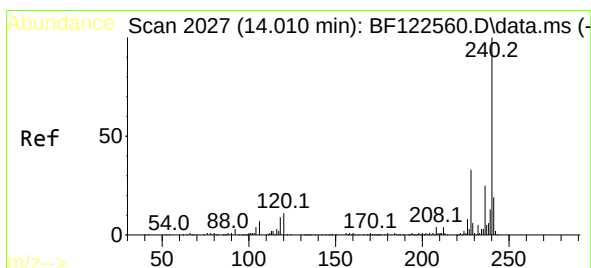
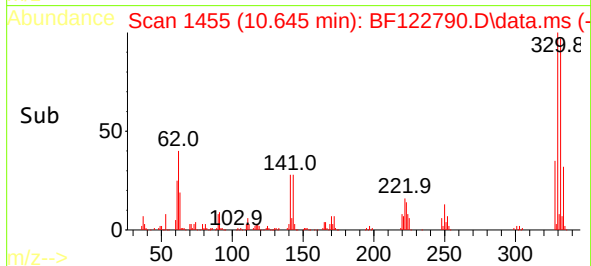
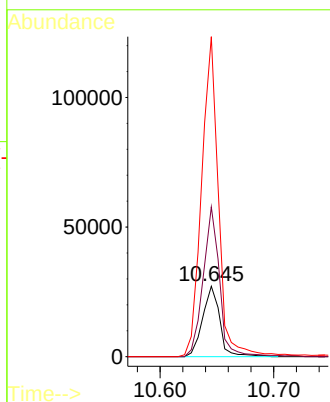
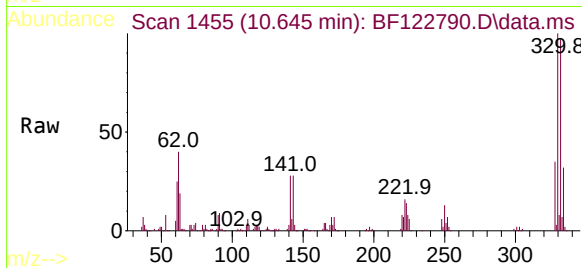




#67
4-Bromophenyl-phenylether
Concen: 3.78 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

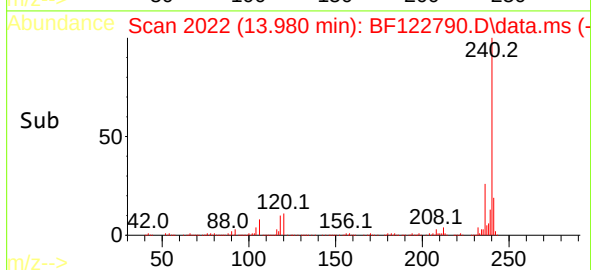
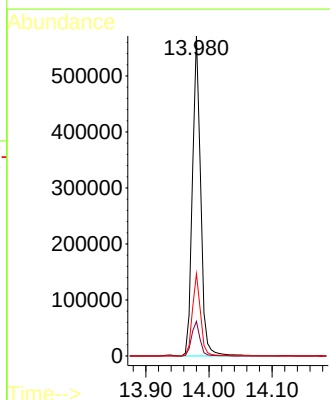
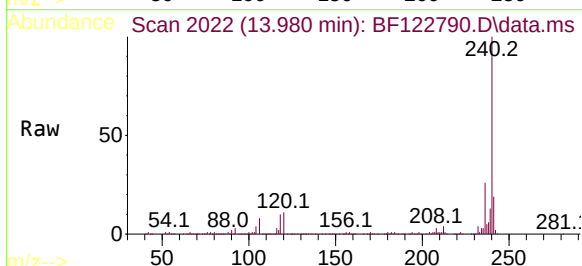
Instrument :
BNA_F
ClientSampleId :
B-1

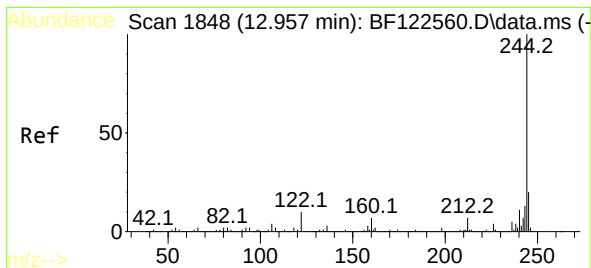
Tgt Ion:248 Resp: 28451
Ion Ratio Lower Upper
248 100
250 212.6 76.8 115.2#
141 454.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122790.D
Acq: 18 Dec 2020 17:37

Tgt Ion:240 Resp: 520468
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.7 20.3 30.5





#79

Terphenyl-d14

Concen: 58.26 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF122790.D

Acq: 18 Dec 2020 17:37

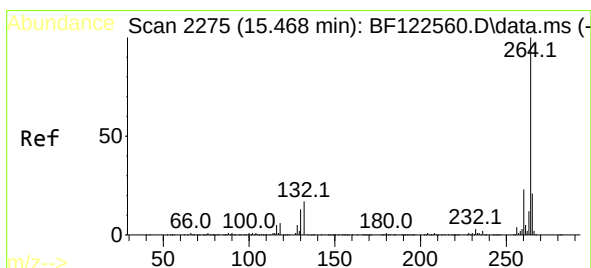
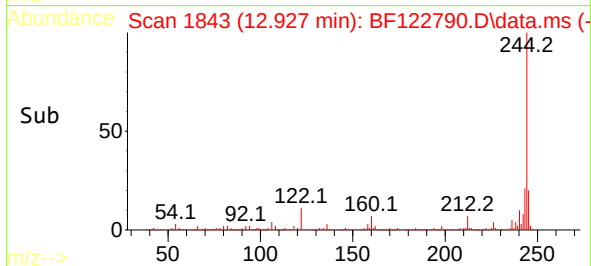
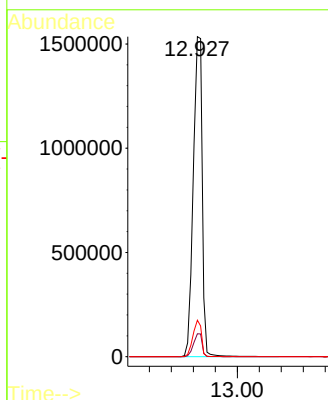
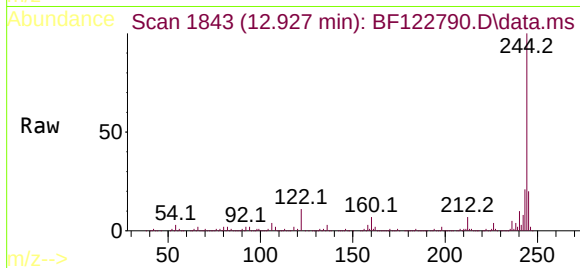
Tgt Ion:244 Resp: 1732232

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 11.4 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: BF122790.D

Acq: 18 Dec 2020 17:37

Tgt Ion:264 Resp: 482099

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.6 17.0 25.6

