

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122618.D
 Acq On : 9 Dec 2020 19:18
 Operator : JU/CG
 Sample : L4982-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-36-5-WC

Quant Time: Dec 10 02:50:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

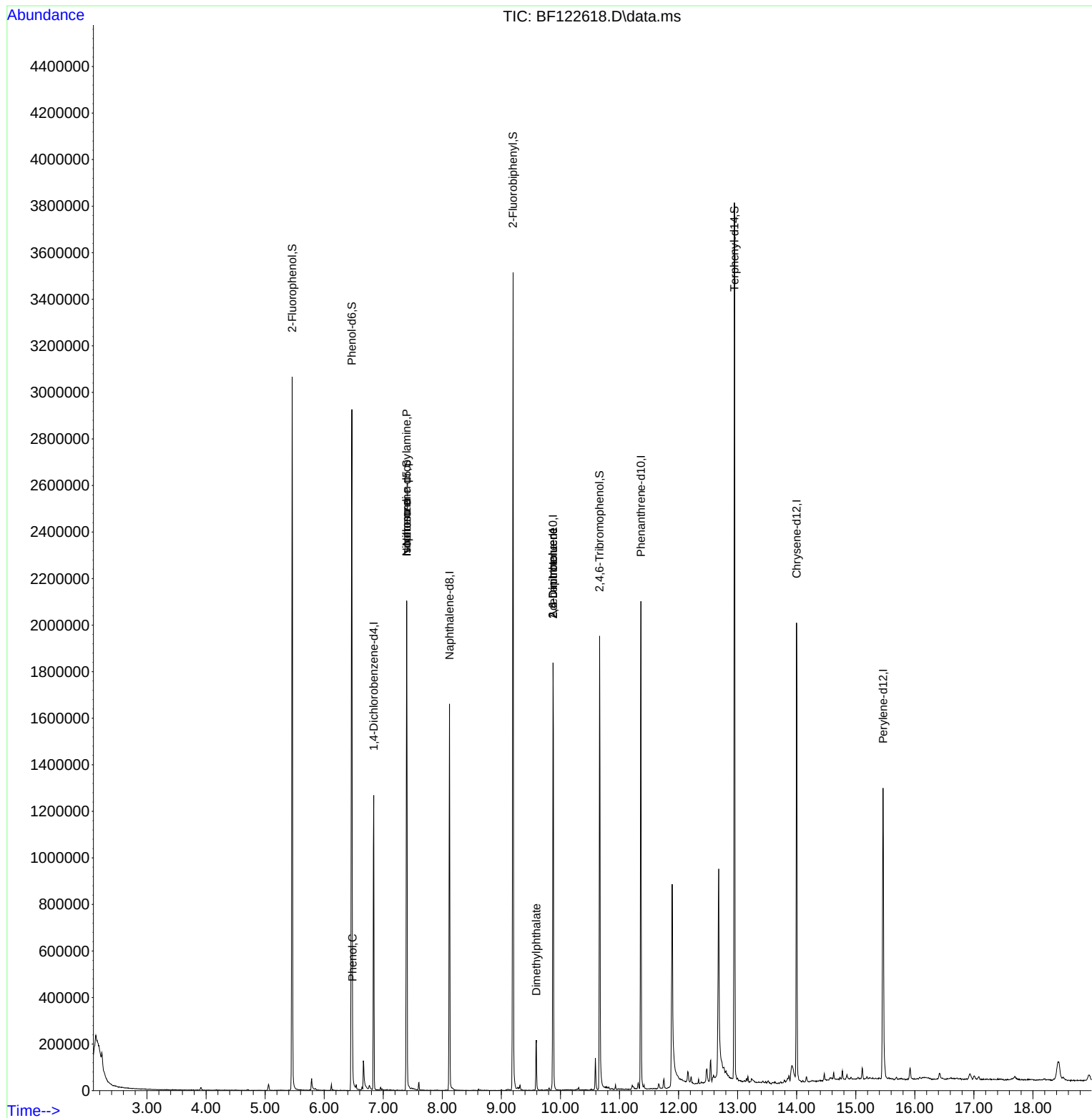
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	185675	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	736085	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	399693	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	748692	20.00	ng	0.00
76) Chrysene-d12	13.998	240	701314	20.00	ng	-0.01
86) Perylene-d12	15.462	264	628950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	878787	74.93	ng	0.00
7) Phenol-d6	6.469	99	1093116	70.28	ng	-0.01
23) Nitrobenzene-d5	7.398	82	684160	46.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	257168	49.15	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1115473	37.75	ng	0.00
79) Terphenyl-d14	12.945	244	1219486	30.44	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.481	94	59956	3.72	ng	84
19) n-Nitroso-di-n-propyla...	7.398	70	90472	10.15	ng	# 77
25) Isophorone	7.398	82	675244	26.68	ng	# 65
50) Dimethylphthalate	9.592	163	100667	3.15	ng	100
51) 2,6-Dinitrotoluene	9.875	165	51386	7.62	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	51386	5.72	ng	# 25

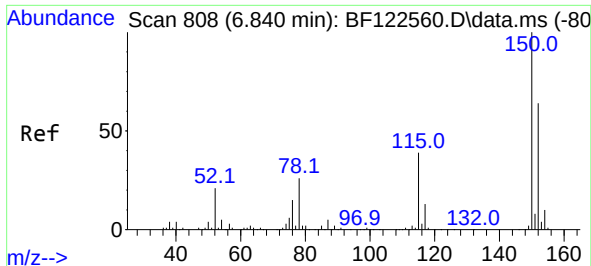
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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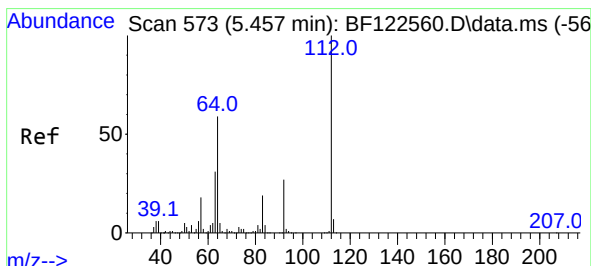
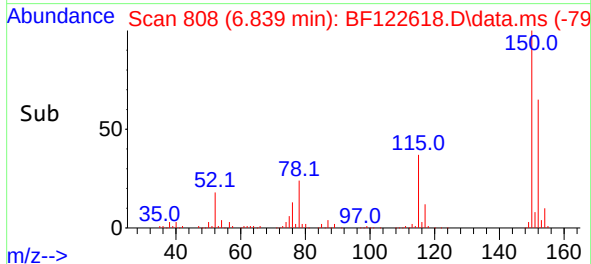
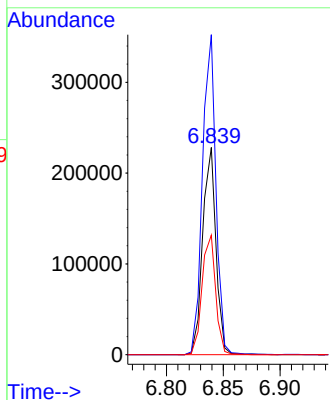
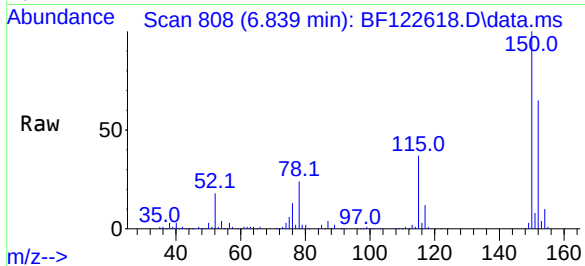




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

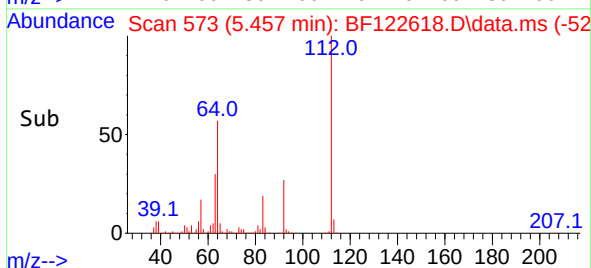
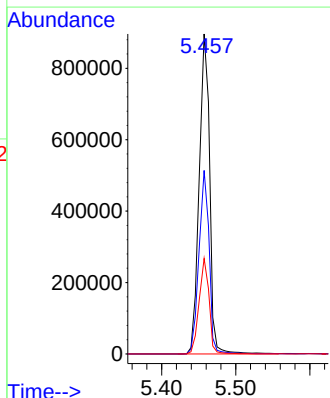
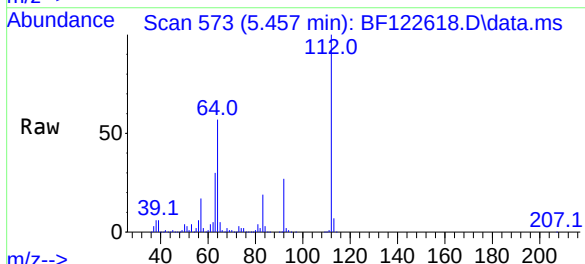
Instrument :
BNA_F
ClientSampleId :
R-LA-36-5-WC

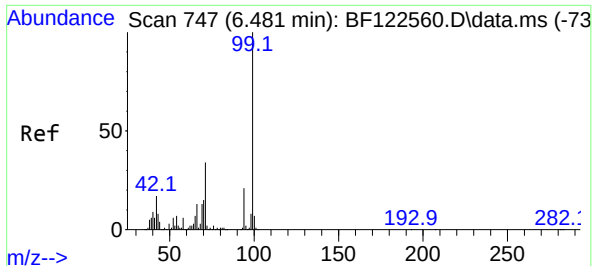
Tgt Ion:152 Resp: 185675
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 57.7 49.3 73.9



#5
2-Fluorophenol
Concen: 74.93 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

Tgt Ion:112 Resp: 878787
Ion Ratio Lower Upper
112 100
64 57.4 46.9 70.3
63 29.9 24.5 36.7



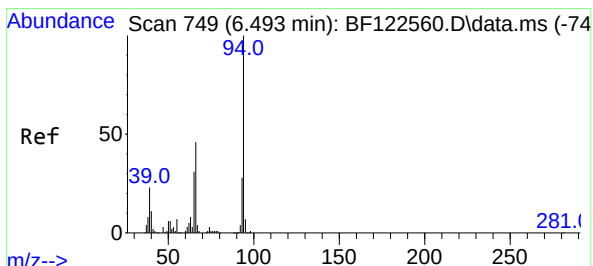
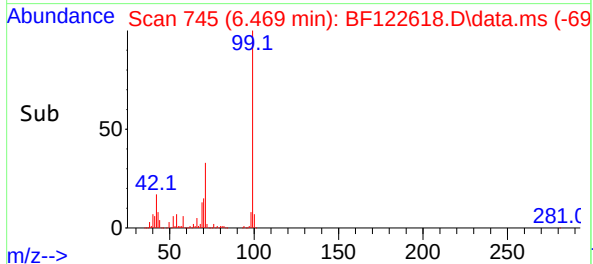
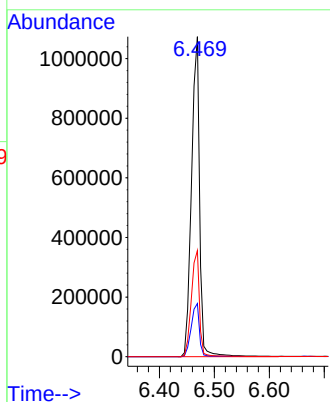
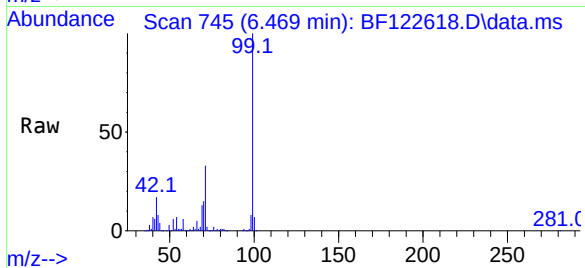


#7
Phenol-d6
Concen: 70.28 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

Instrument :
BNA_F
ClientSampleId :
R-LA-36-5-WC

Tgt Ion: 99 Resp: 1093116

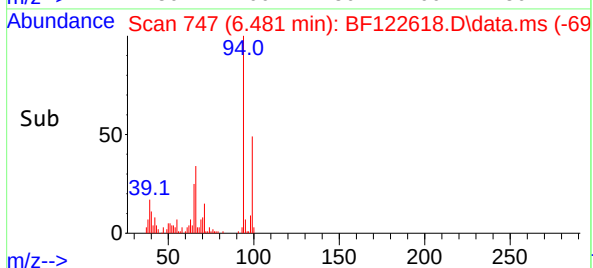
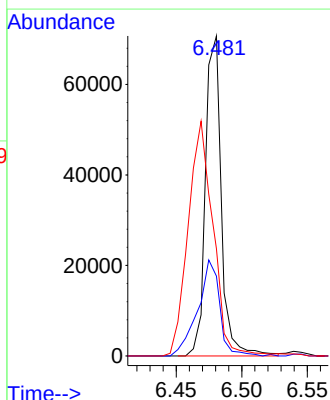
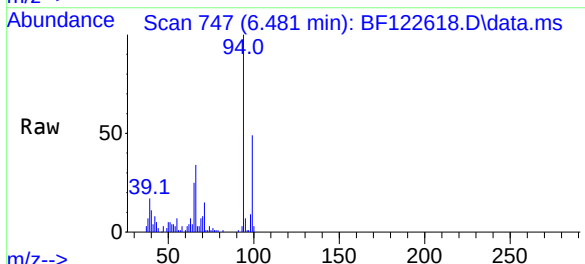
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	33.1	26.9	40.3

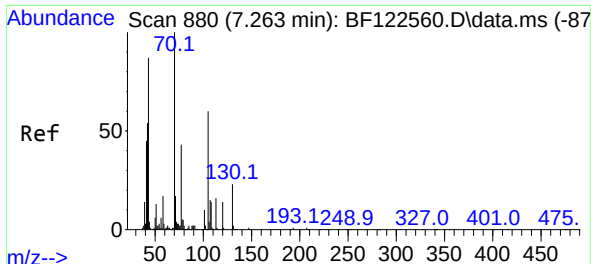


#10
Phenol
Concen: 3.72 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

Tgt Ion: 94 Resp: 59956

Ion	Ratio	Lower	Upper
94	100		
65	25.0	11.2	51.2
66	33.5	25.8	65.8



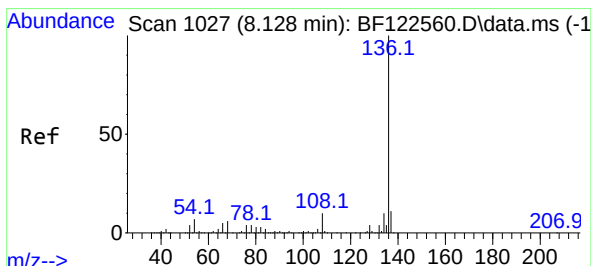
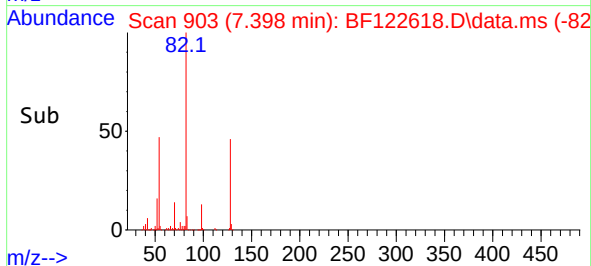
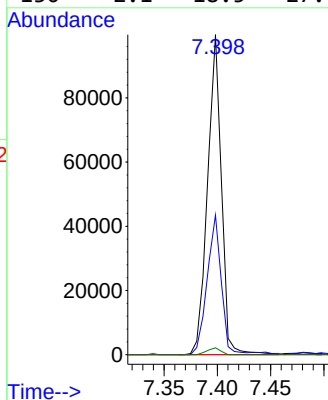
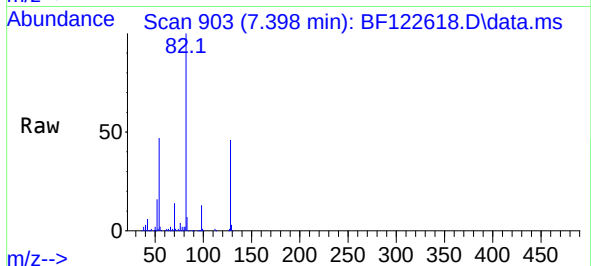


#19
n-Nitroso-di-n-propylamine
Concen: 10.15 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

Instrument :
BNA_F
ClientSampleId :
R-LA-36-5-WC

Tgt Ion: 70 Resp: 90472

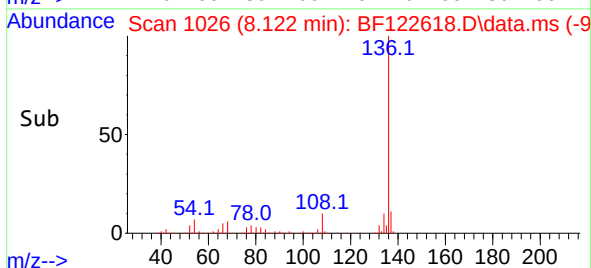
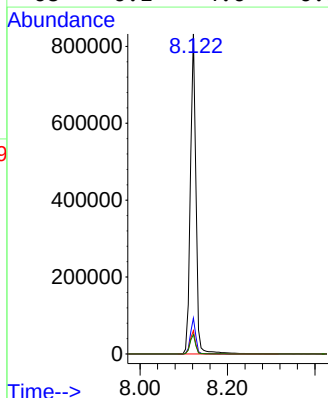
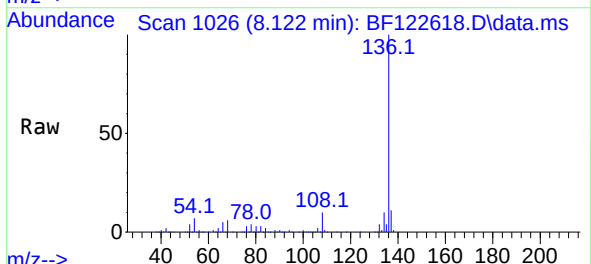
Ion	Ratio	Lower	Upper
70	100		
42	43.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#

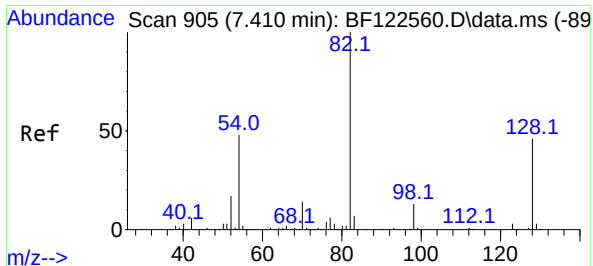


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

Tgt Ion: 136 Resp: 736085

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.3	5.5	8.3
68	6.1	4.6	6.8

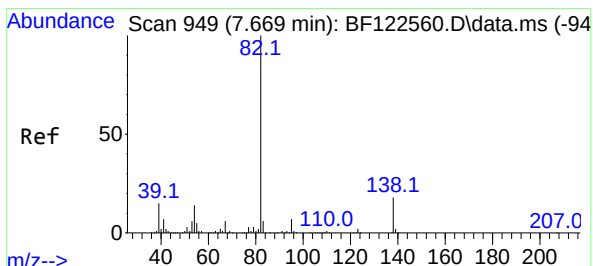
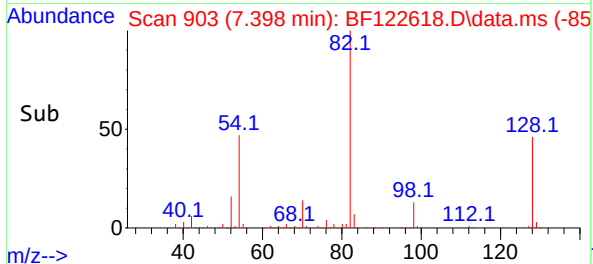
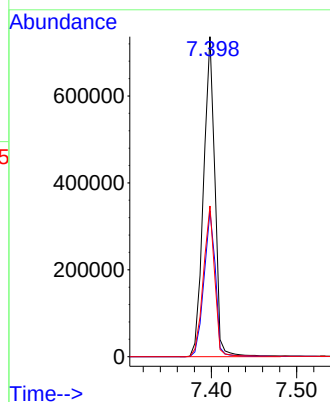
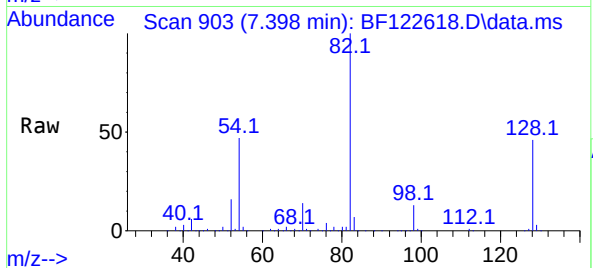




#23
Nitrobenzene-d5
Concen: 46.57 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

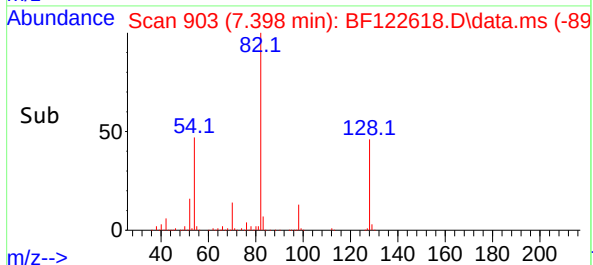
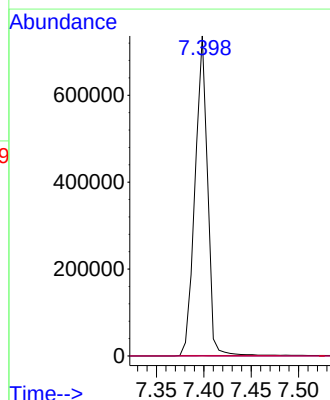
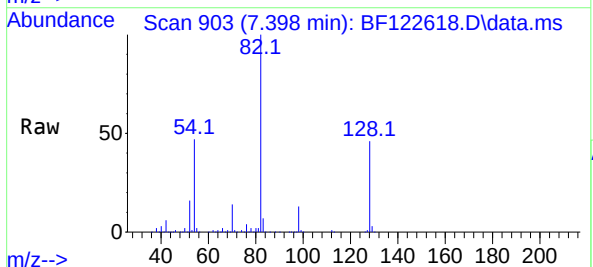
Instrument :
BNA_F
ClientSampleId :
R-LA-36-5-WC

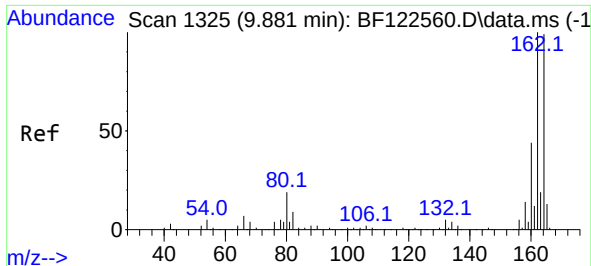
Tgt Ion: 82 Resp: 684160
Ion Ratio Lower Upper
82 100
128 45.6 37.0 55.4
54 47.1 38.4 57.6



#25
Isophorone
Concen: 26.68 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

Tgt Ion: 82 Resp: 675244
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: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF122618.D

Acq: 9 Dec 2020 19:18

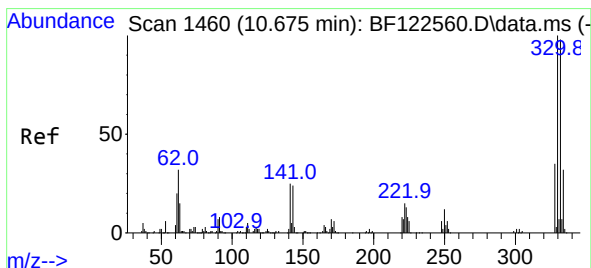
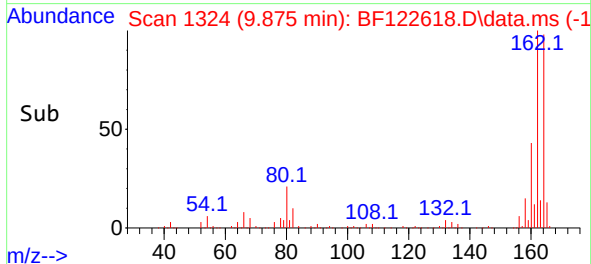
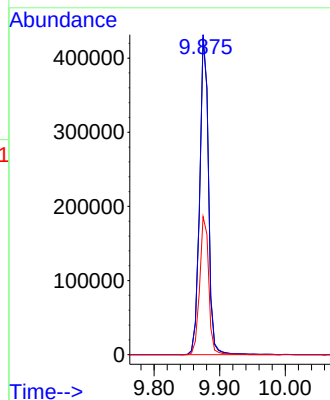
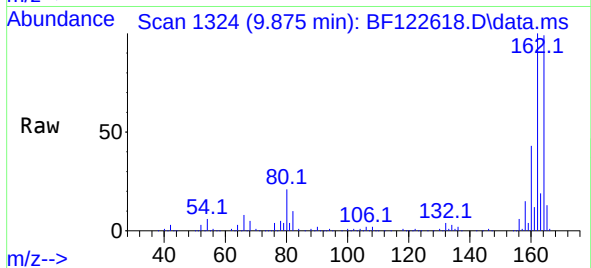
Tgt Ion:164 Resp: 399693

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

160 43.6 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 49.15 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122618.D

Acq: 9 Dec 2020 19:18

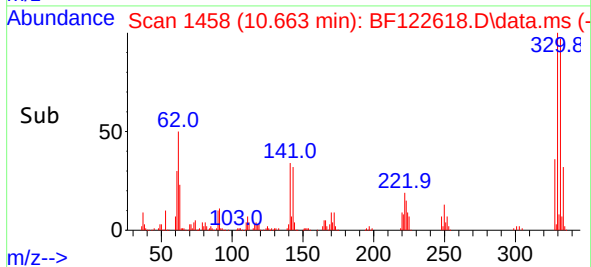
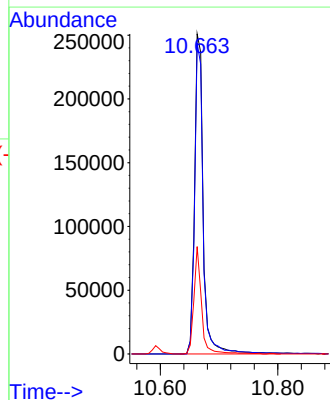
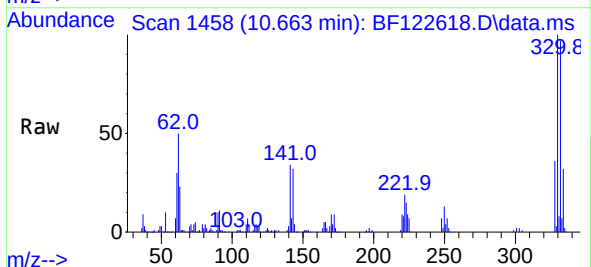
Tgt Ion:330 Resp: 257168

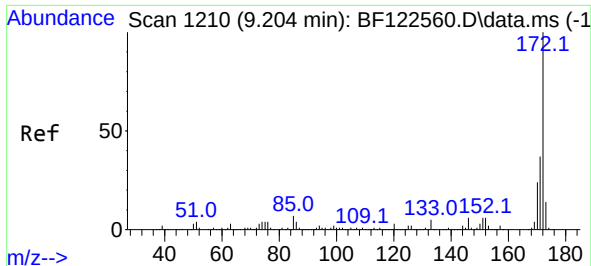
Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 29.7 23.8 35.8

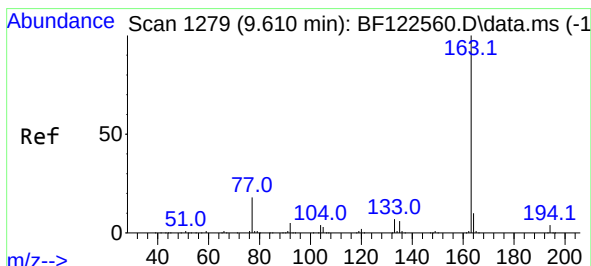
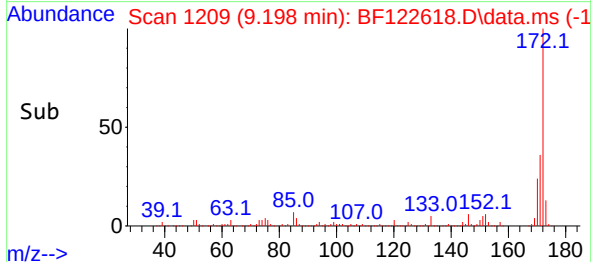
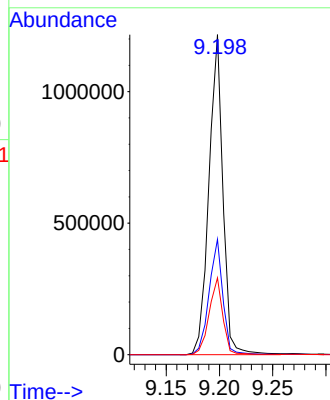
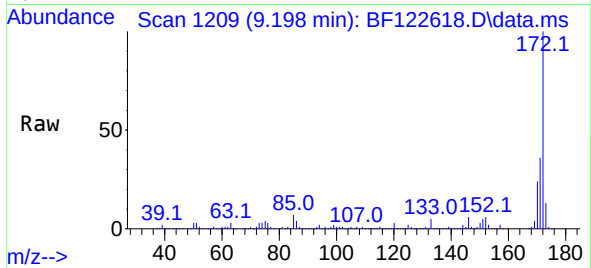




#45
2-Fluorobiphenyl
Concen: 37.75 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

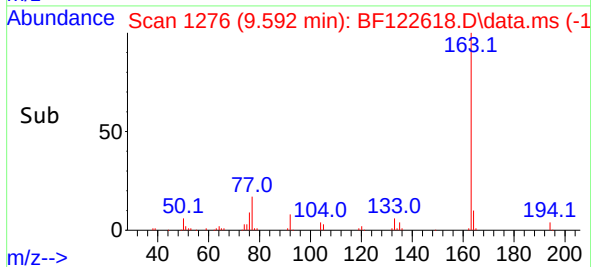
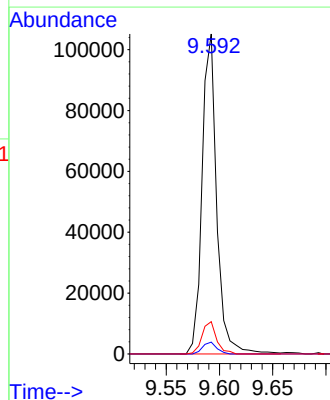
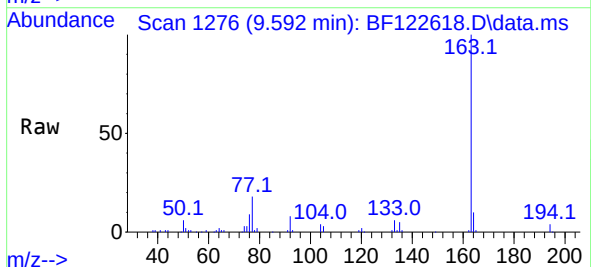
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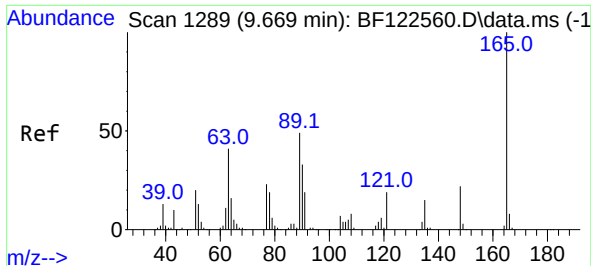
Tgt Ion:172 Resp: 1115473
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 3.15 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

Tgt Ion:163 Resp: 100667
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.1 8.1 12.1

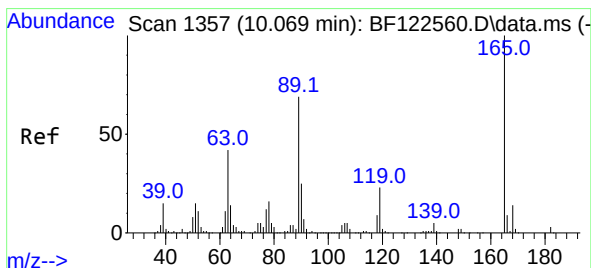
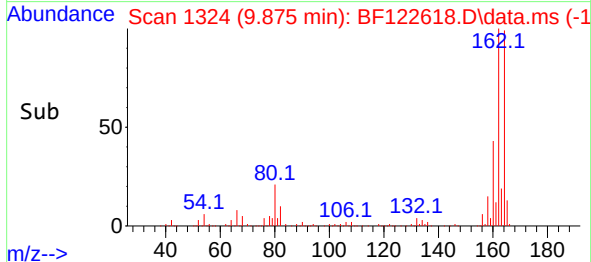
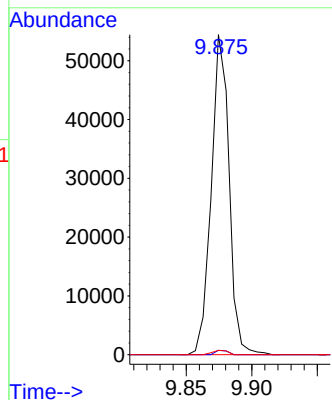
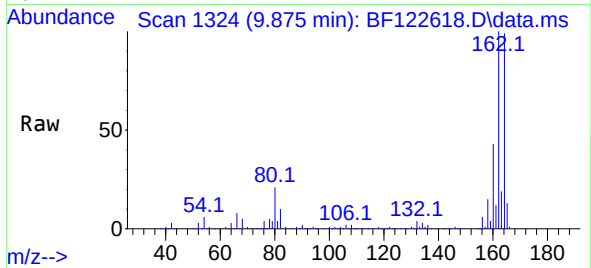




#51
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

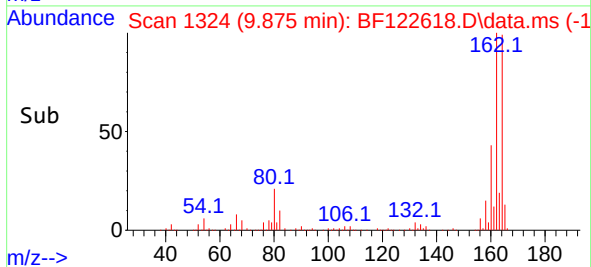
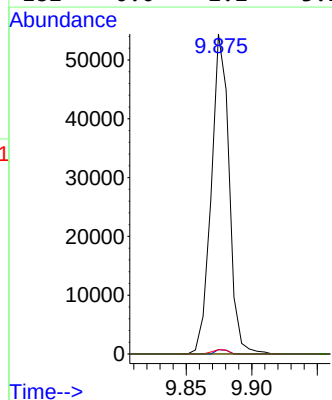
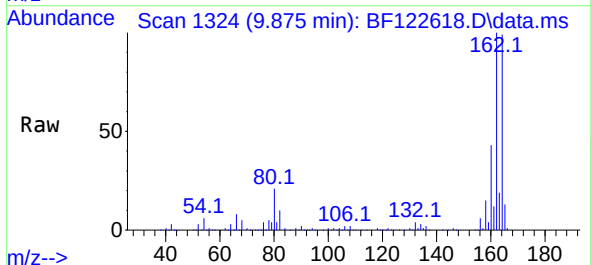
Instrument :
BNA_F
ClientSampleId :
R-LA-36-5-WC

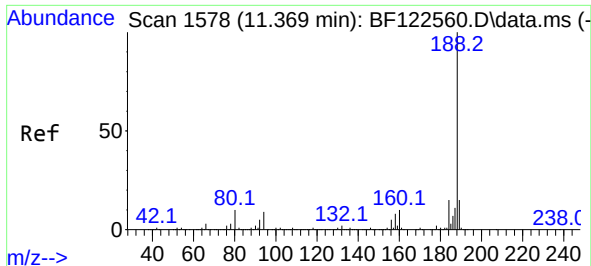
Tgt Ion:165 Resp: 51386
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

Tgt Ion:165 Resp: 51386
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

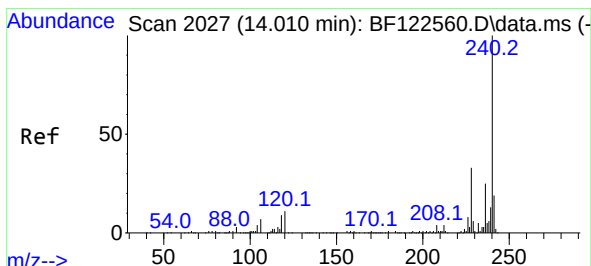
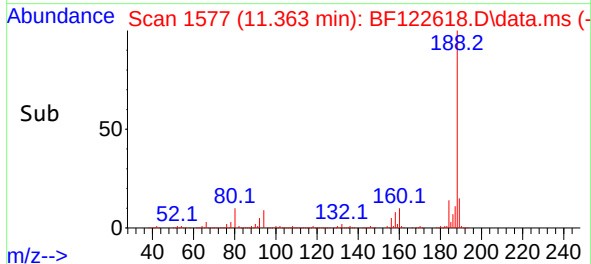
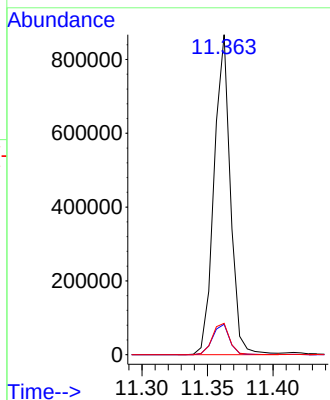
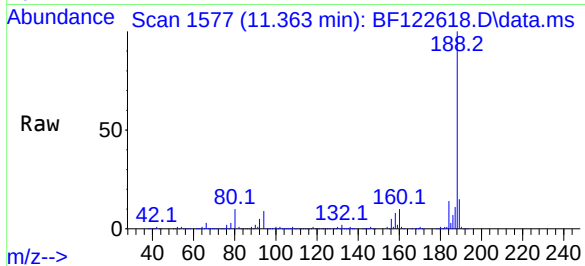




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

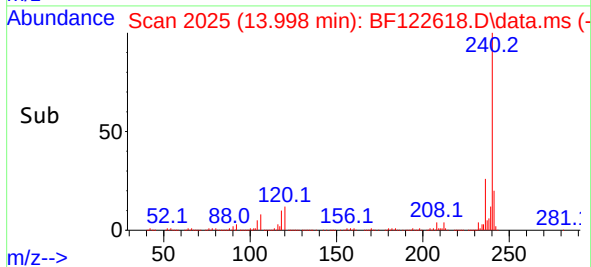
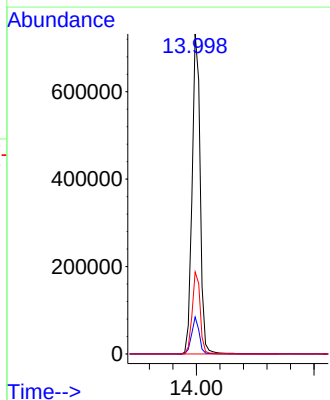
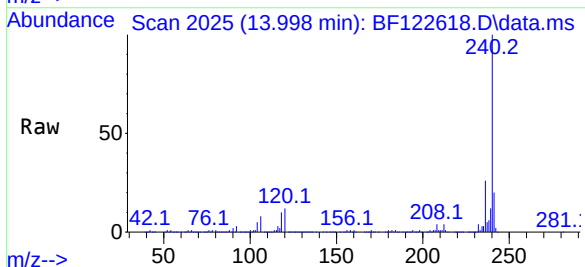
Instrument :
BNA_F
ClientSampleId :
R-LA-36-5-WC

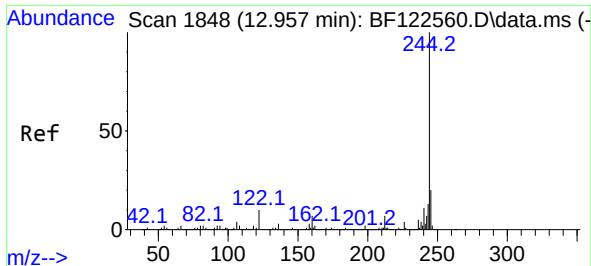
Tgt Ion:188 Resp: 748692
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122618.D
Acq: 9 Dec 2020 19:18

Tgt Ion:240 Resp: 701314
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.7 20.3 30.5

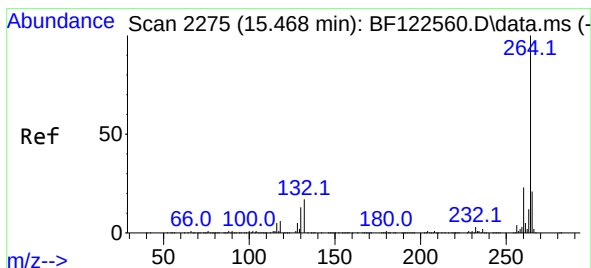
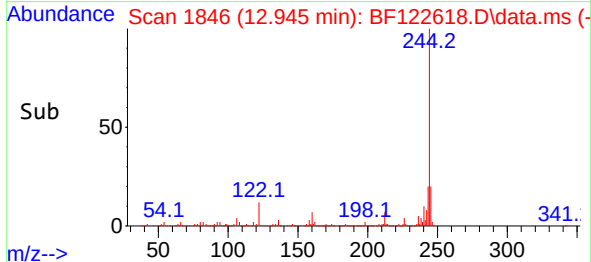
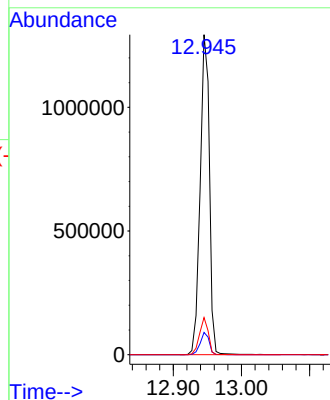
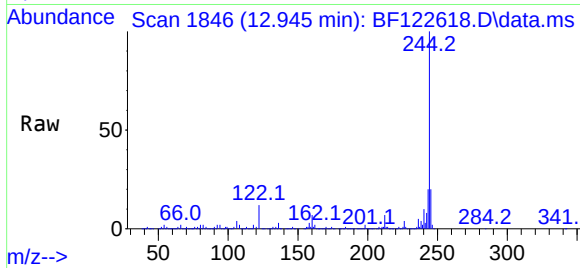




#79
 Terphenyl-d14
 Concen: 30.44 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.012 min
 Lab File: BF122618.D
 Acq: 9 Dec 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-36-5-WC

Tgt Ion:244 Resp: 1219486
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122618.D
 Acq: 9 Dec 2020 19:18

Tgt Ion:264 Resp: 628950
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.4 17.0 25.6

