

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
 Data File : BF122707.D
 Acq On : 14 Dec 2020 15:49
 Operator : JU/CG
 Sample : L5065-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JBD-WC-S-BOLLARDS-0-6

Quant Time: Dec 14 16:55:54 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)

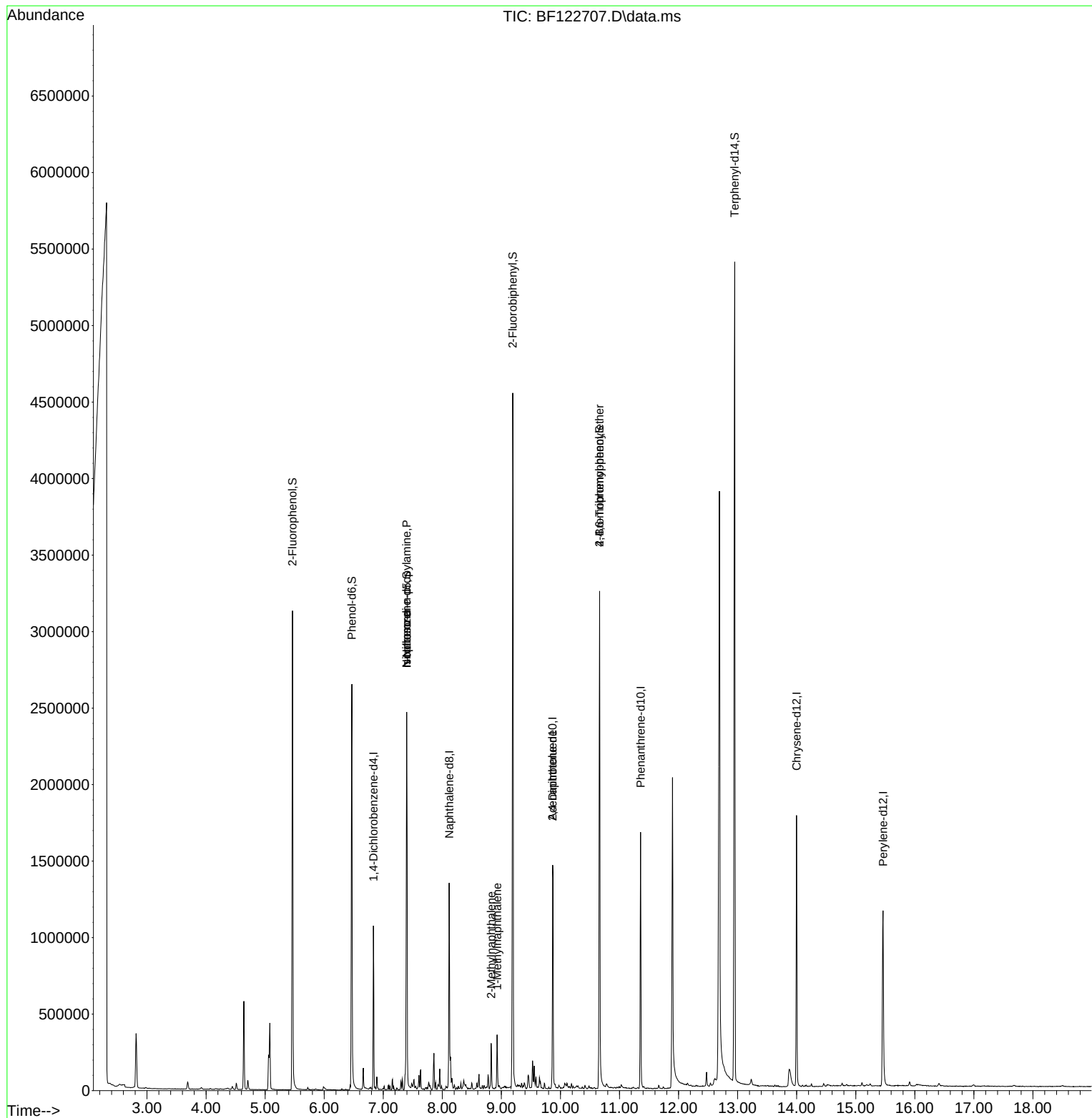
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	153644	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	608461	20.00	ng	-0.01
39) Acenaphthene-d10	9.869	164	327666	20.00	ng	-0.01
64) Phenanthrene-d10	11.357	188	614522	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	614370	20.00	ng	-0.01
86) Perylene-d12	15.462	264	595112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	962013	99.13	ng	0.00
7) Phenol-d6	6.469	99	1041888	80.95	ng	-0.01
23) Nitrobenzene-d5	7.398	82	864136	71.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	493046	114.96	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1609012	66.42	ng	-0.01
79) Terphenyl-d14	12.951	244	1979559	56.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	112824	15.30	ng	Qvalue # 77
25) Isophorone	7.398	82	864130	41.31	ng	# 65
37) 2-Methylnaphthalene	8.827	142	79682	3.59	ng	97
38) 1-Methylnaphthalene	8.927	142	90124	4.29	ng	97
57) 2,4-Dinitrotoluene	9.869	165	43421	5.90	ng	# 26
67) 4-Bromophenyl-phenylether	10.663	248	30009	3.60	ng	# 1

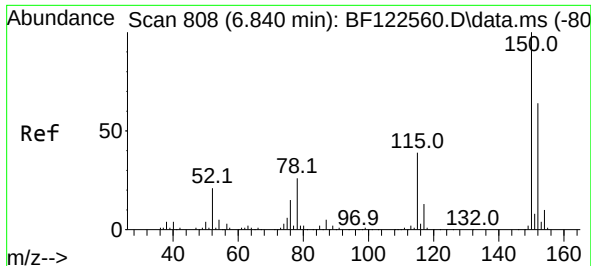
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 14 16:55:54 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

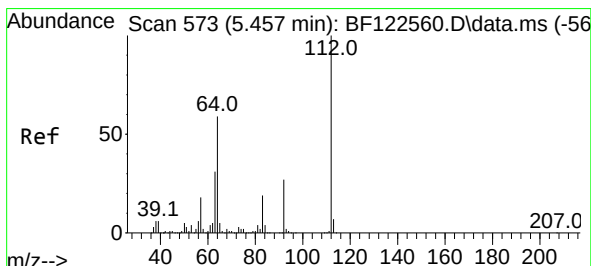
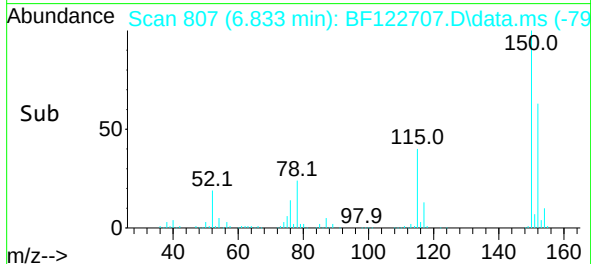
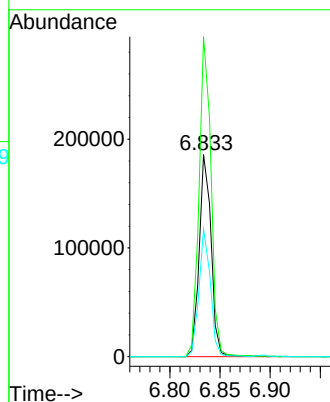
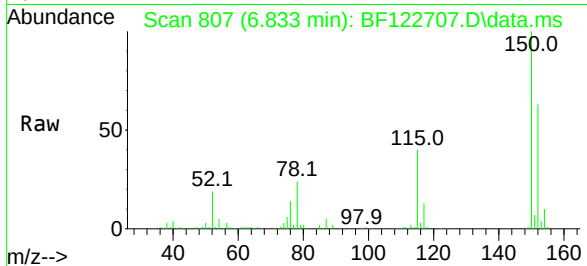




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.007 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

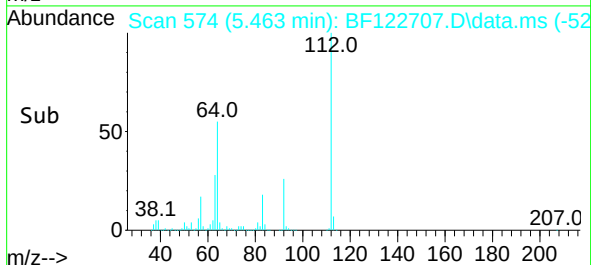
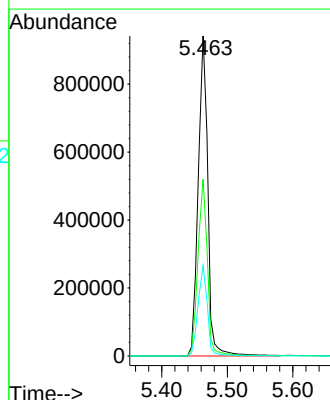
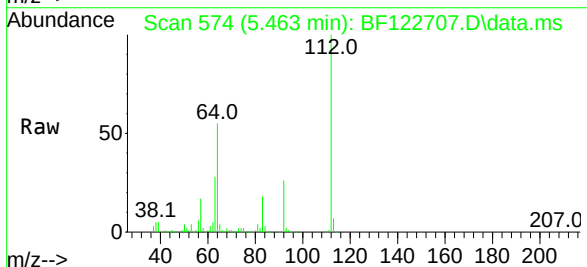
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

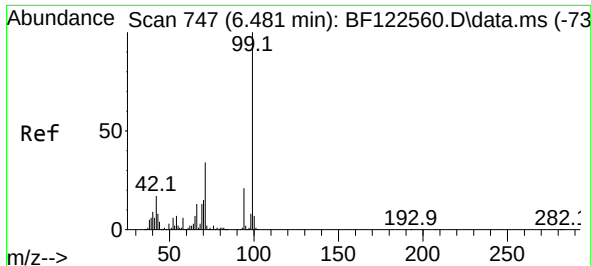
Tgt Ion:152 Resp: 153644
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 63.1 49.3 73.9



#5
2-Fluorophenol
Concen: 99.13 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

Tgt Ion:112 Resp: 962013
Ion Ratio Lower Upper
112 100
64 55.2 46.9 70.3
63 28.2 24.5 36.7



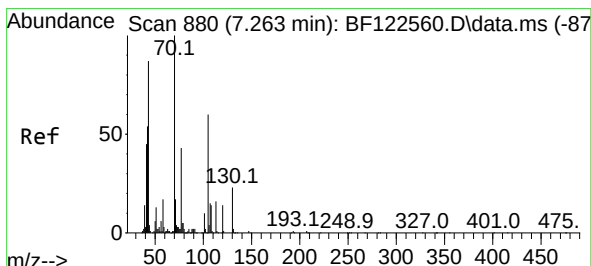
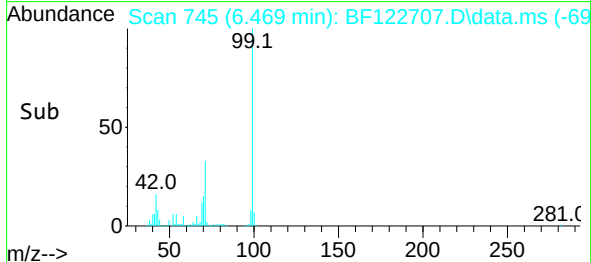
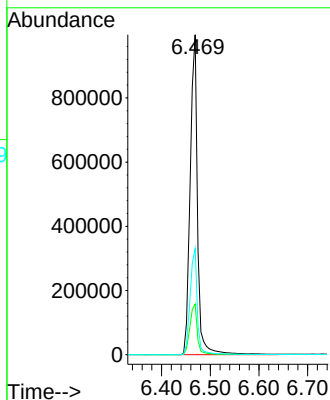
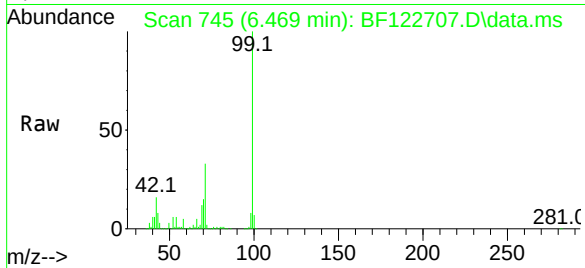


#7
Phenol-d6
Concen: 80.95 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

Tgt Ion: 99 Resp: 1041888

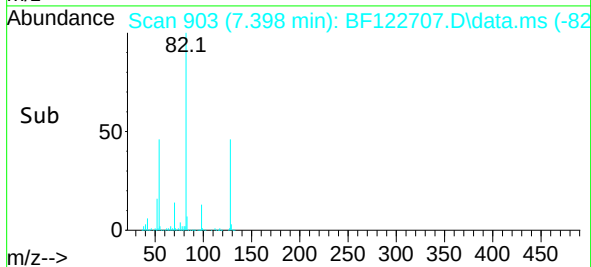
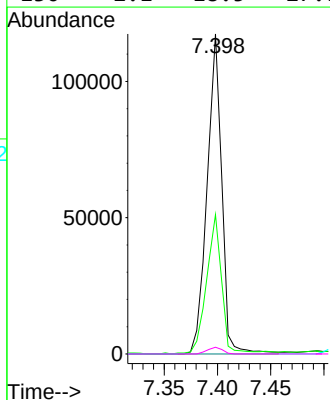
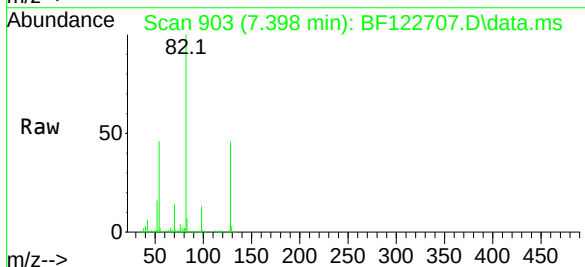
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.8	20.6
71	33.2	26.9	40.3

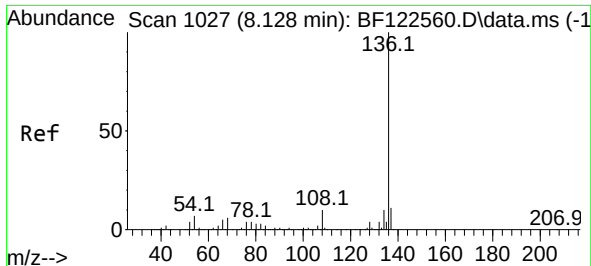


#19
n-Nitroso-di-n-propylamine
Concen: 15.30 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

Tgt Ion: 70 Resp: 112824

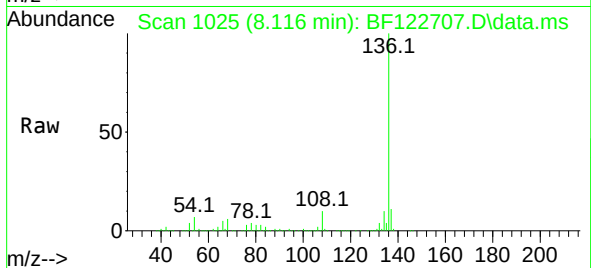
Ion	Ratio	Lower	Upper
70	100		
42	43.5	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



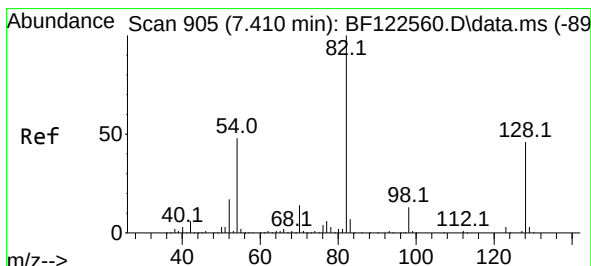
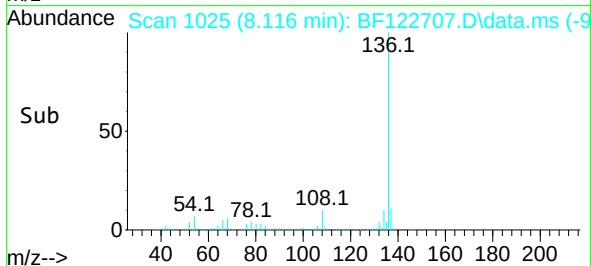
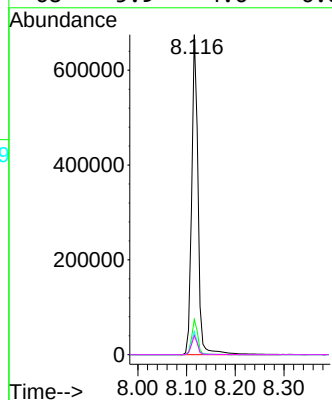


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

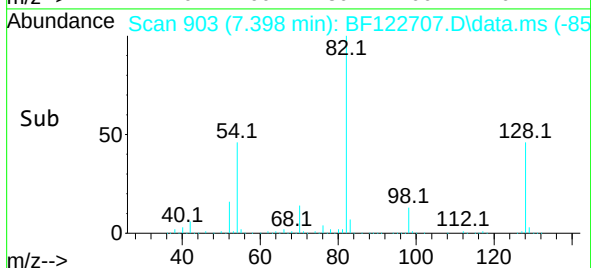
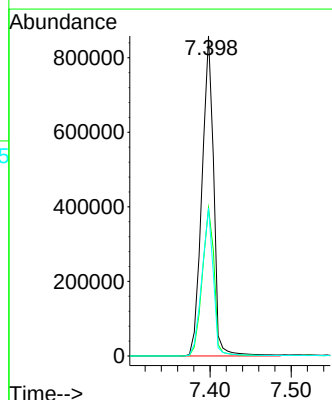
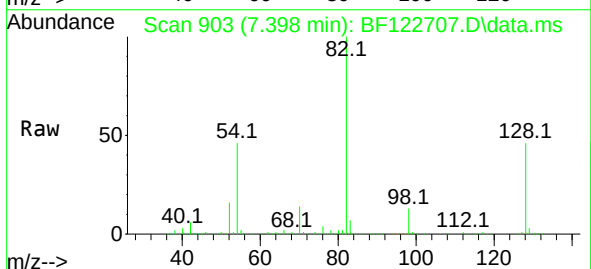


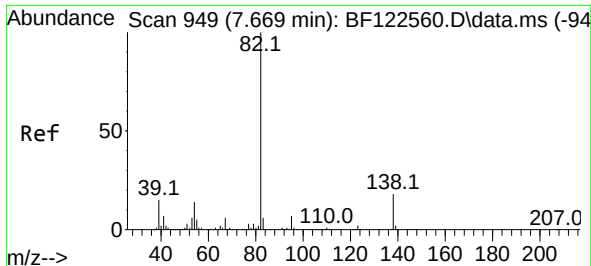
Tgt Ion:136 Resp: 608461
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 5.5 8.3
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 71.15 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

Tgt Ion: 82 Resp: 864136
Ion Ratio Lower Upper
82 100
128 46.3 37.0 55.4
54 46.2 38.4 57.6

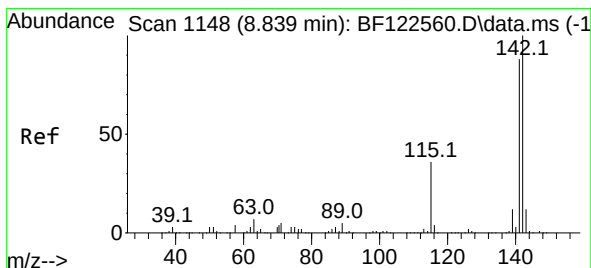
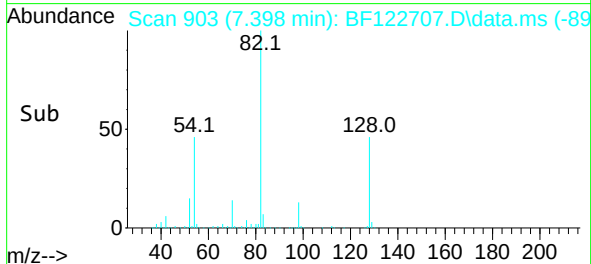
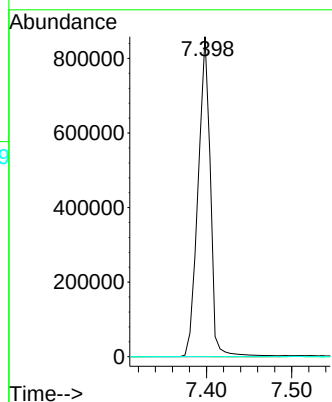
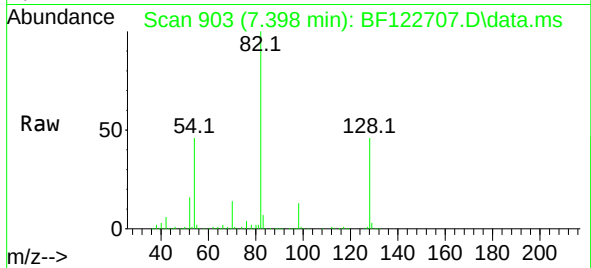




#25
Isophorone
Concen: 41.31 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

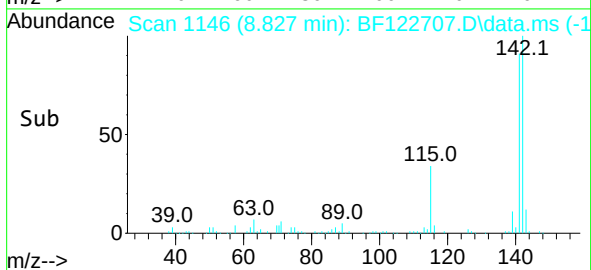
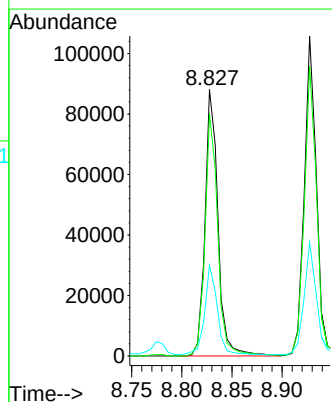
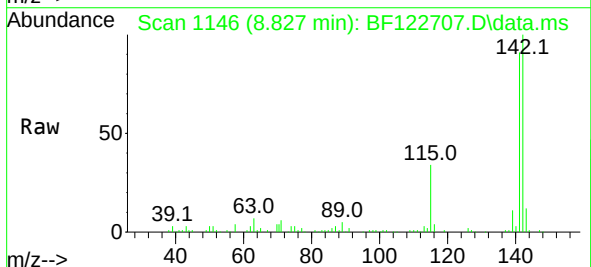
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

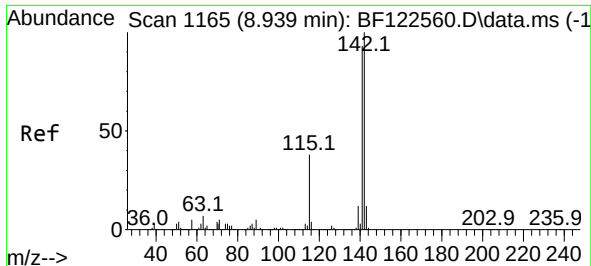
Tgt Ion: 82 Resp: 864130
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#37
2-Methylnaphthalene
Concen: 3.59 ng
RT: 8.827 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

Tgt Ion: 142 Resp: 79682
Ion Ratio Lower Upper
142 100
141 91.0 70.6 106.0
115 34.0 28.7 43.1

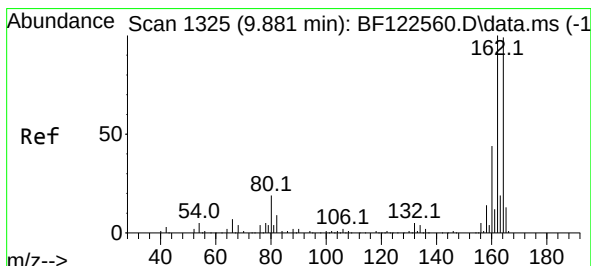
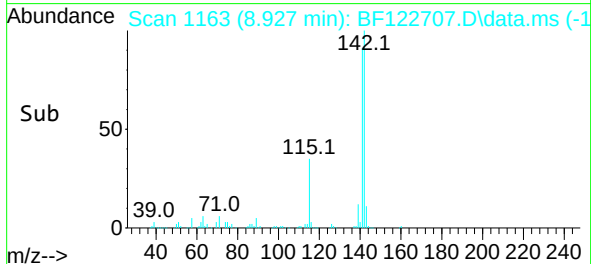
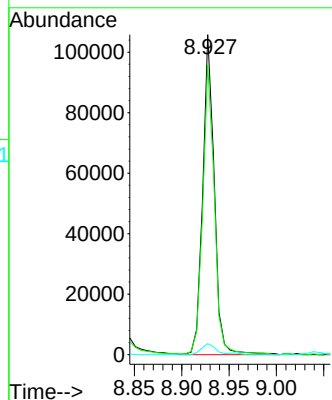
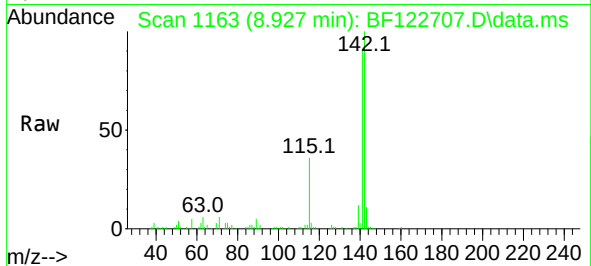




#38
1-Methylnaphthalene
Concen: 4.29 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

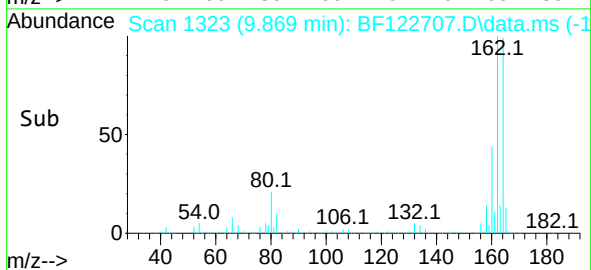
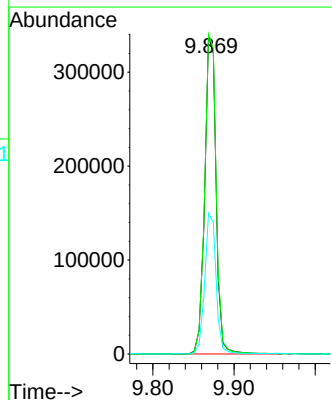
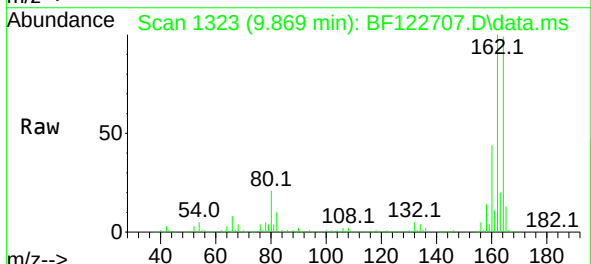
Instrument :
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ClientSampleId :
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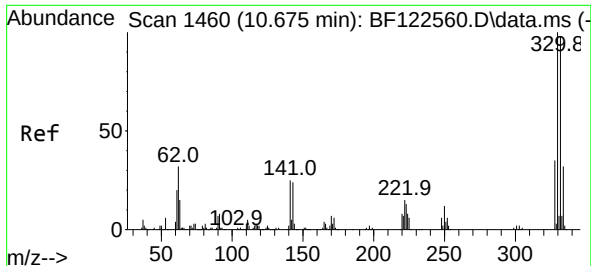
Tgt Ion:	142	Resp:	90124
Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.5	111.7
116	3.5	3.2	4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

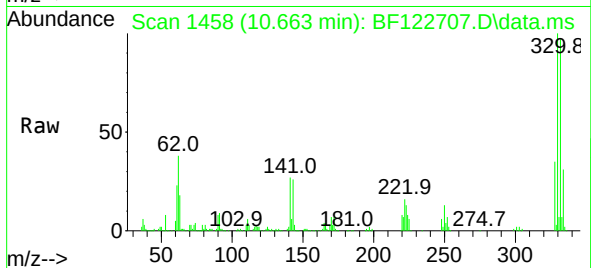
Tgt Ion:	164	Resp:	327666
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.8	121.2
160	44.3	35.4	53.0



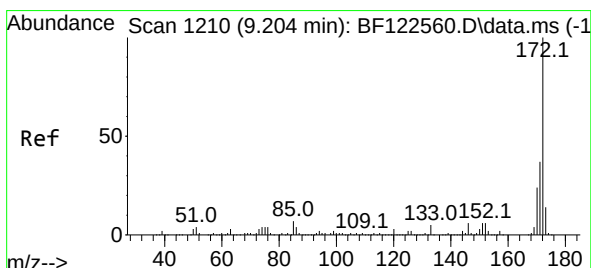
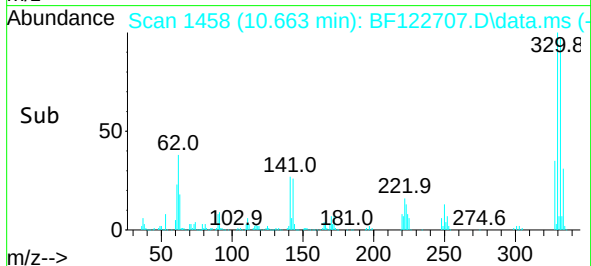
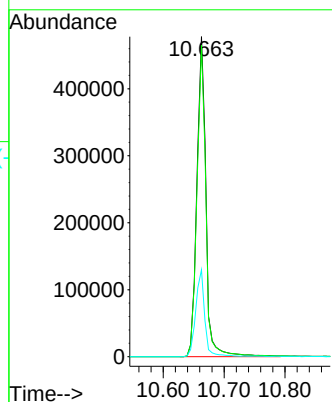


#42
2,4,6-Tribromophenol
Concen: 114.96 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

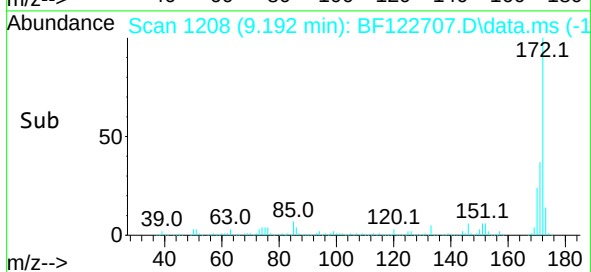
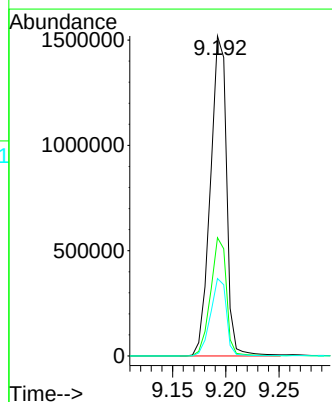
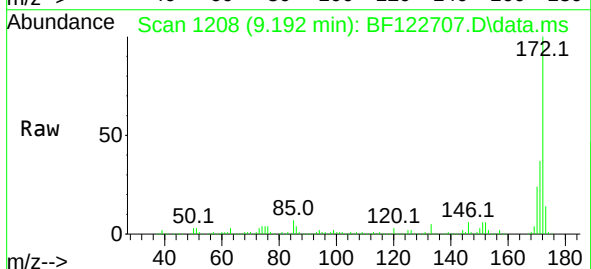


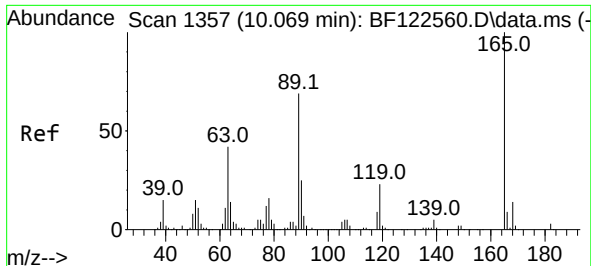
Tgt Ion: 330 Resp: 493046
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 27.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 66.42 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

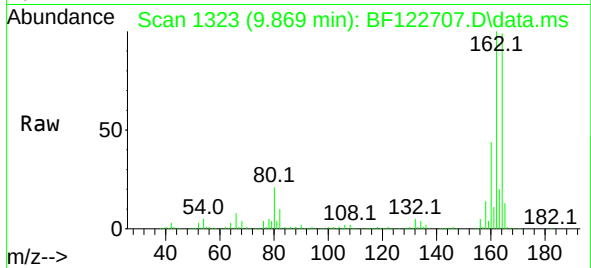
Tgt Ion: 172 Resp: 1609012
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.2 19.5 29.3



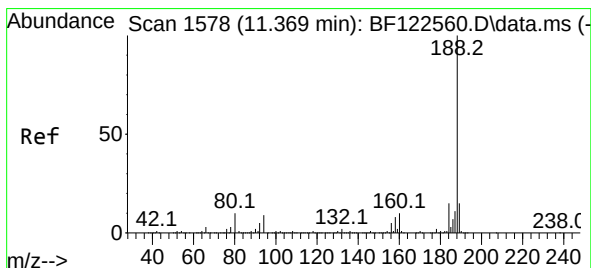
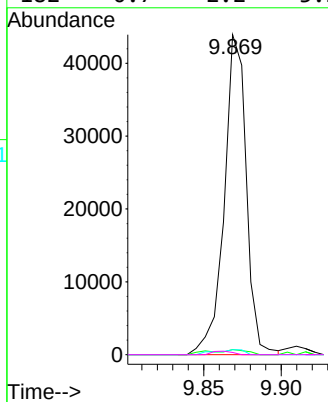
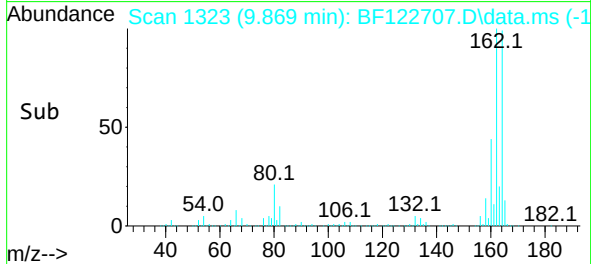


#57
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.200 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

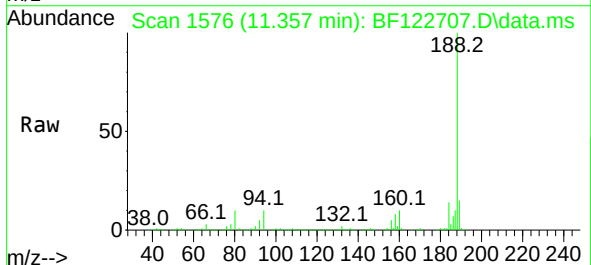
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6



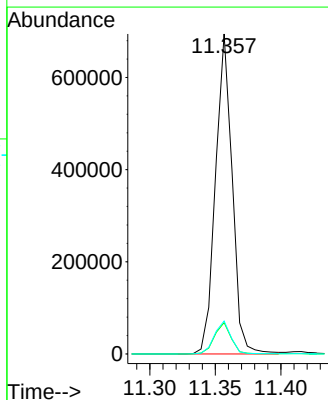
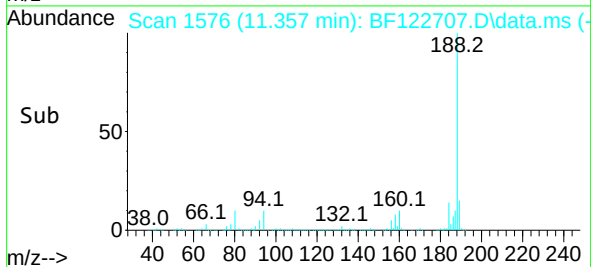
Tgt Ion:165 Resp: 43421
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.5 55.2 82.8#
182 0.7 2.2 3.2#

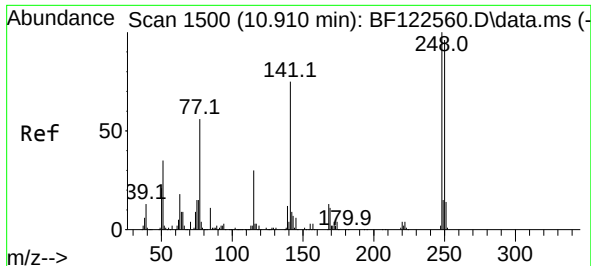


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49



Tgt Ion:188 Resp: 614522
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.3 8.2 12.4

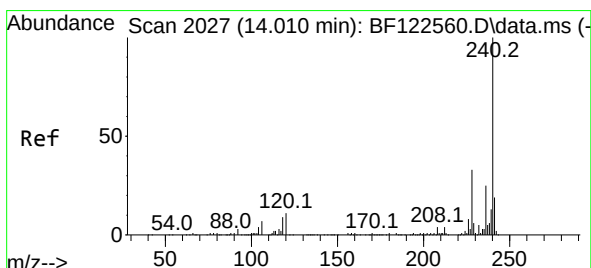
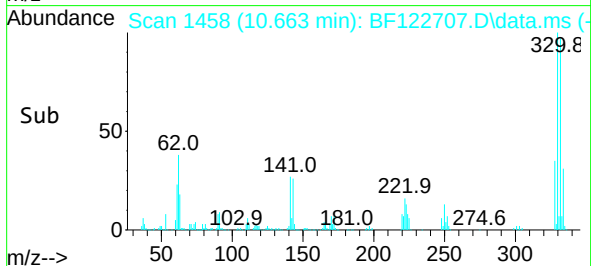
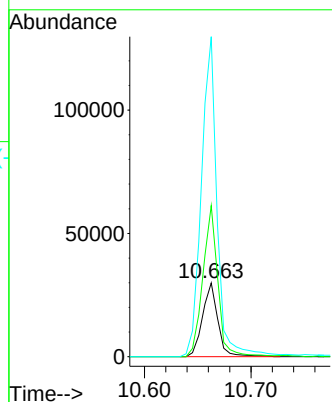
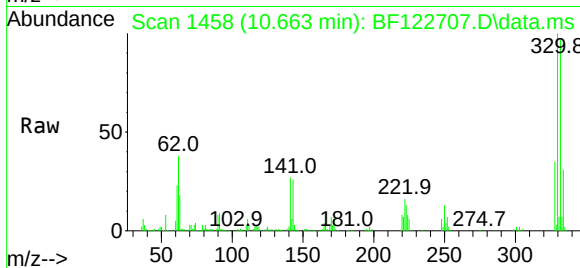




#67
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

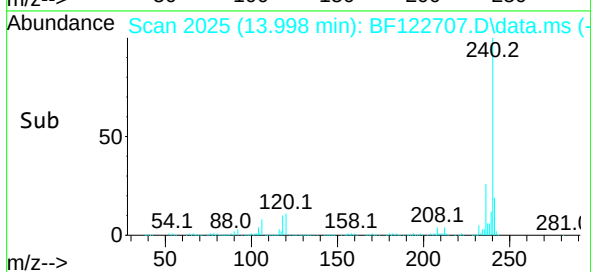
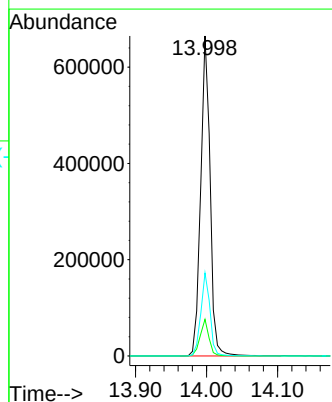
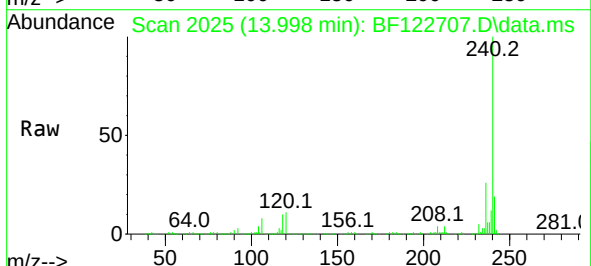
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-BOLLARDS-0-6

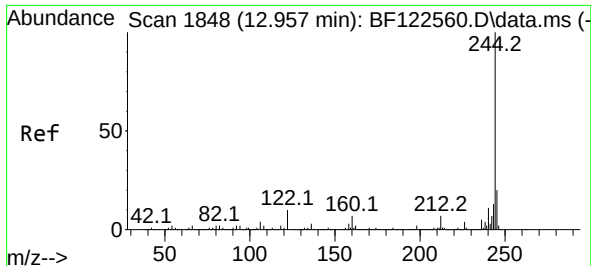
Tgt Ion:248 Resp: 30009
Ion Ratio Lower Upper
248 100
250 204.8 76.8 115.2#
141 434.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122707.D
Acq: 14 Dec 2020 15:49

Tgt Ion:240 Resp: 614370
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 25.9 20.3 30.5

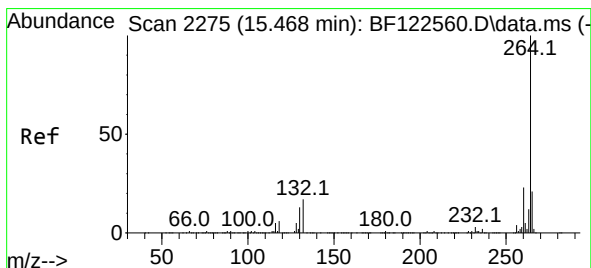
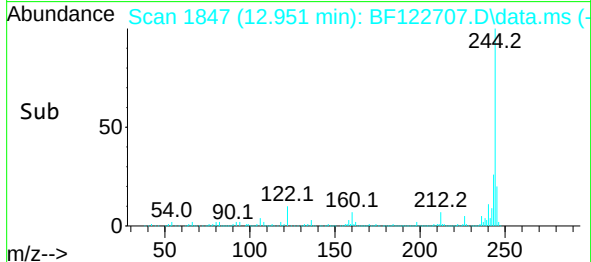
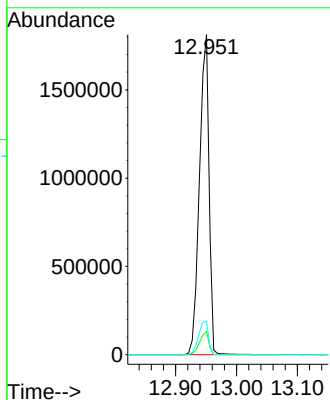
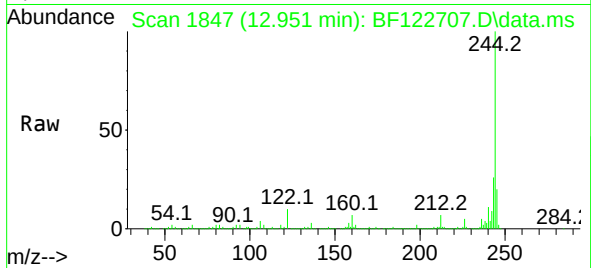




#79
 Terphenyl-d14
 Concen: 56.40 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122707.D
 Acq: 14 Dec 2020 15:49

Instrument :
 BNA_F
 ClientSampleId :
 JBD-WC-S-BOLLARDS-0-6

Tgt Ion:244 Resp: 1979559
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.4 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: BF122707.D
 Acq: 14 Dec 2020 15:49

Tgt Ion:264 Resp: 595112
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.3 17.0 25.6

