

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122727.D
 Acq On : 15 Dec 2020 21:15
 Operator : JU/CG
 Sample : L5038-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JBD-GW-SB-02

Quant Time: Dec 16 01:56:20 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)

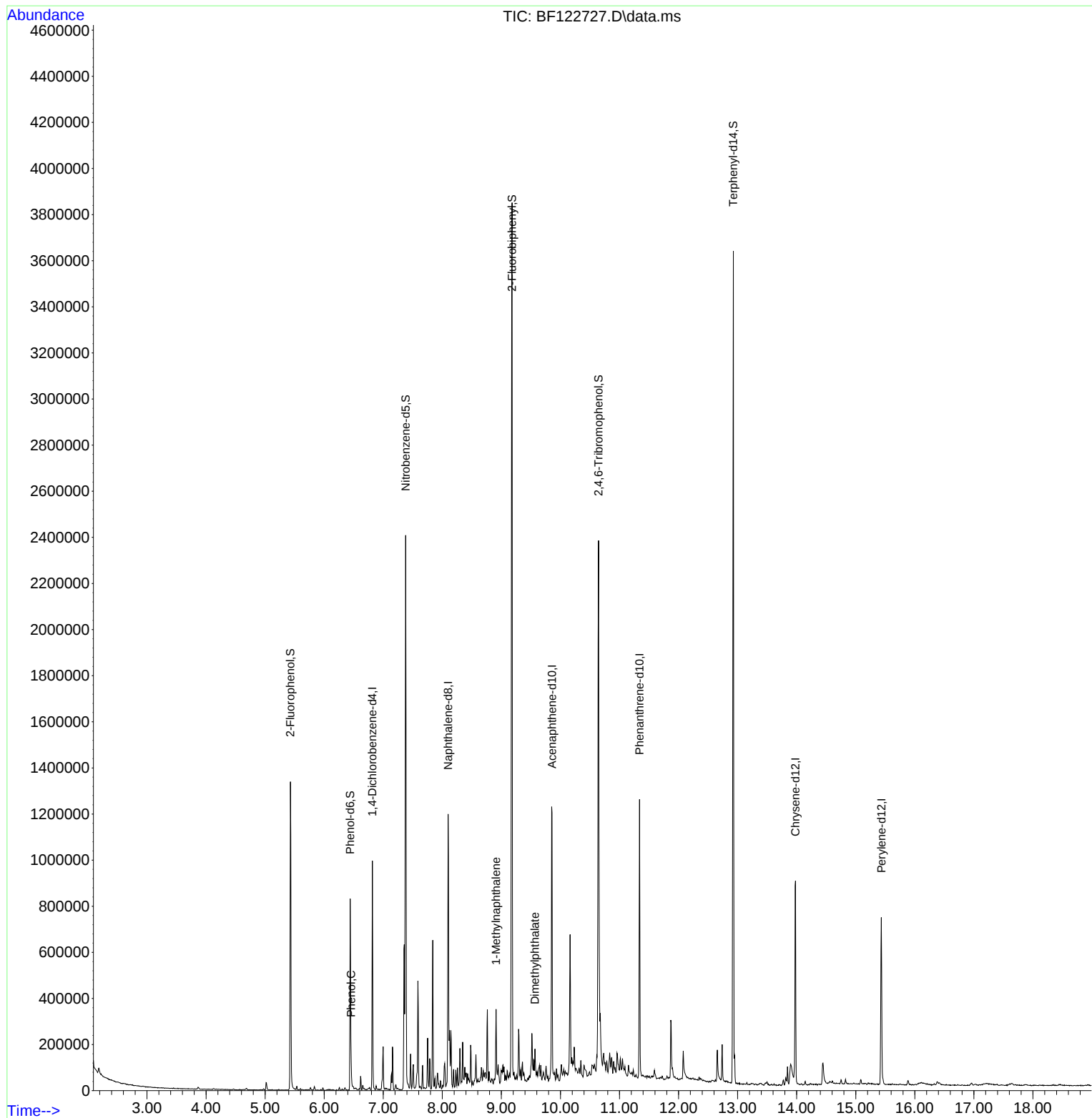
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	139792	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	515790	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	244971	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	397608	20.00	ng	0.00
76) Chrysene-d12	13.980	240	318629	20.00	ng	0.00
86) Perylene-d12	15.433	264	326377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	385186	43.62	ng	0.00
7) Phenol-d6	6.439	99	276079	23.57	ng	-0.02
23) Nitrobenzene-d5	7.381	82	734988	71.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	325485	101.51	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1298685	71.71	ng	0.00
79) Terphenyl-d14	12.927	244	1081972	59.44	ng	0.00
Target Compounds						
10) Phenol	6.457	94	28907	2.38	ng	Qvalue 87
38) 1-Methylnaphthalene	8.910	142	41760	2.34	ng	# 98
50) Dimethylphthalate	9.569	163	47505	2.43	ng	99

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

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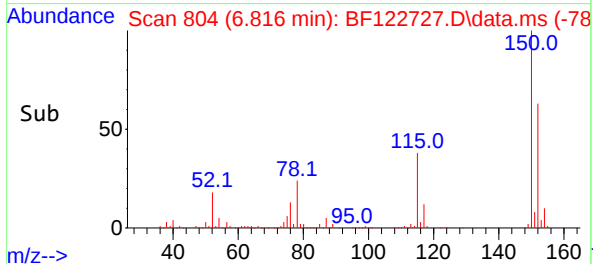
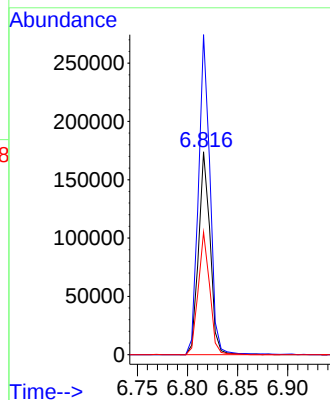
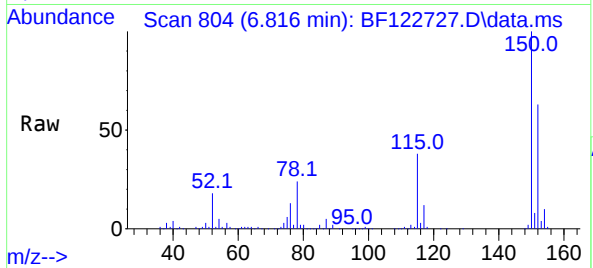




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

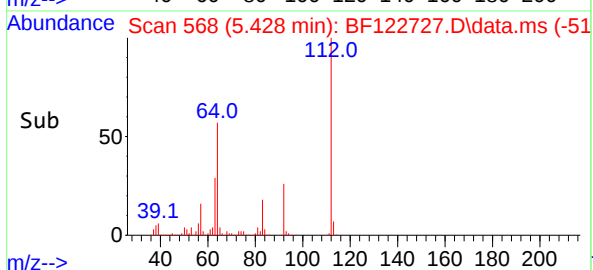
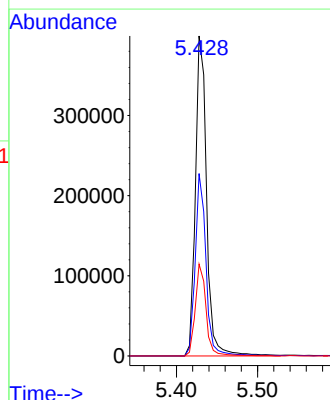
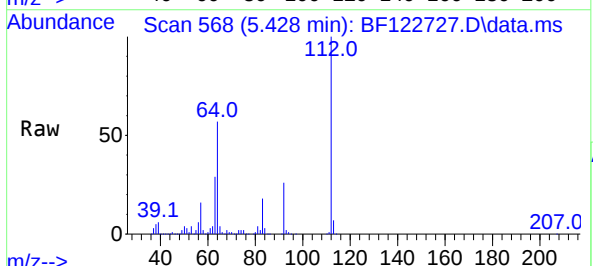
Instrument :
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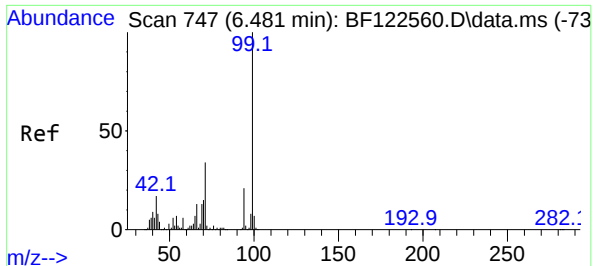
Tgt Ion:152 Resp: 139792
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 60.3 49.3 73.9



#5
2-Fluorophenol
Concen: 43.62 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

Tgt Ion:112 Resp: 385186
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 28.7 24.5 36.7

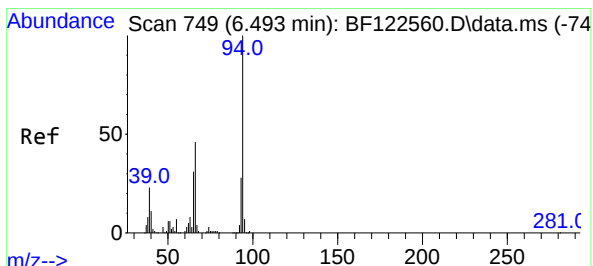
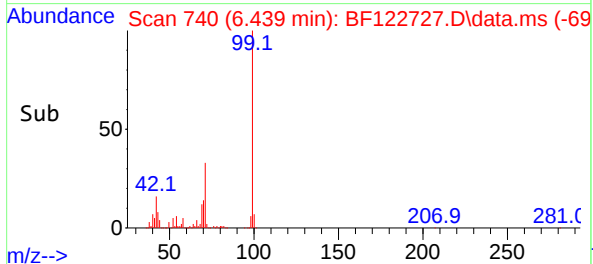
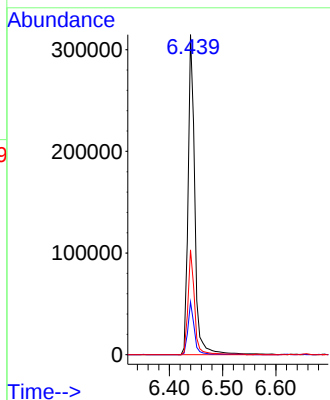
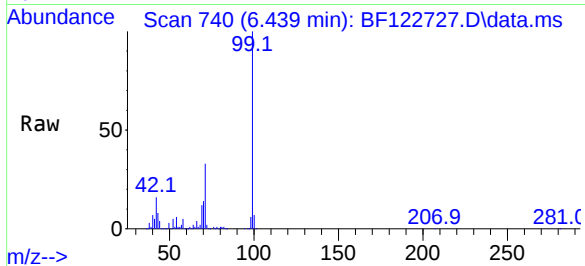




#7
Phenol-d6
Concen: 23.57 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

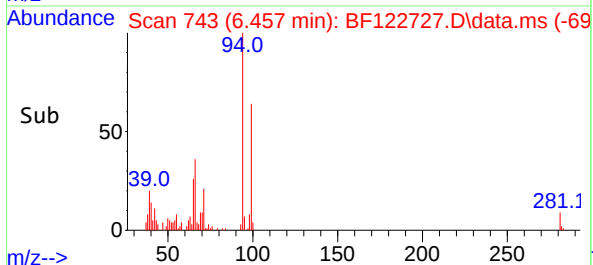
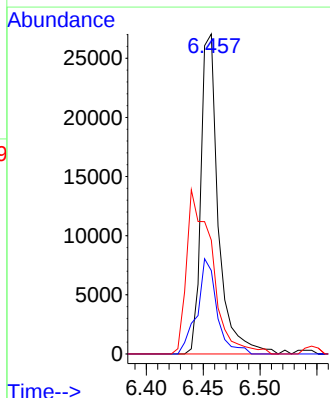
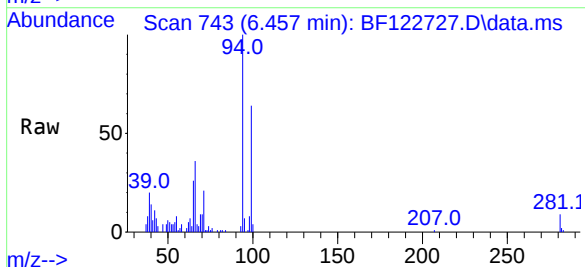
Instrument :
BNA_F
ClientSampleId :
JBD-GW-SB-02

Tgt Ion: 99 Resp: 276079
Ion Ratio Lower Upper
99 100
42 16.4 13.8 20.6
71 32.8 26.9 40.3



#10
Phenol
Concen: 2.38 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

Tgt Ion: 94 Resp: 28907
Ion Ratio Lower Upper
94 100
65 26.1 11.2 51.2
66 35.5 25.8 65.8



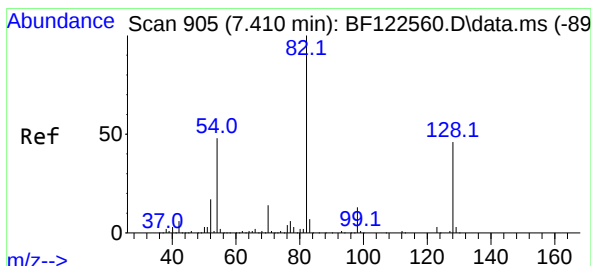
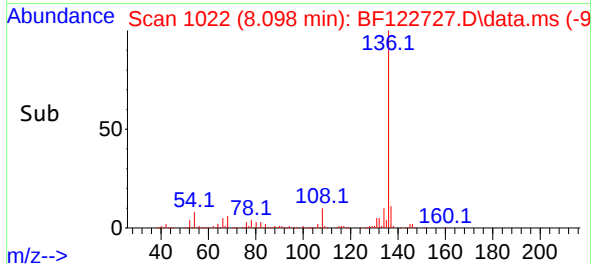
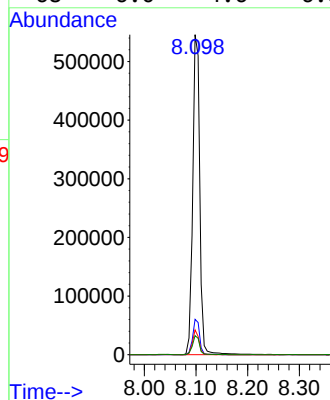
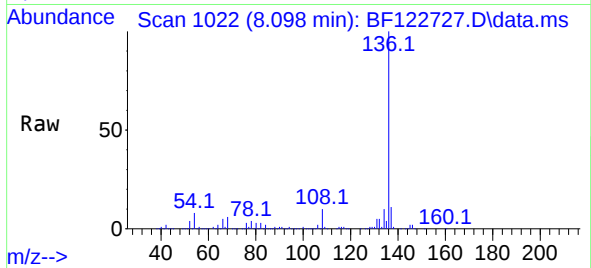


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

Instrument :
BNA_F
ClientSampleId :
JBD-GW-SB-02

Tgt Ion:136 Resp: 515790

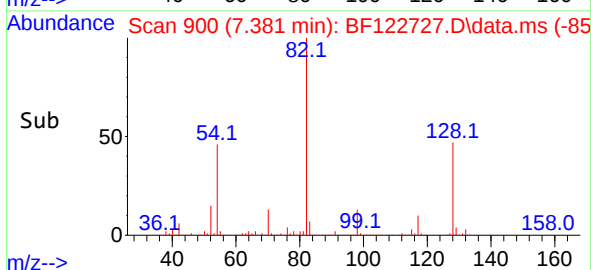
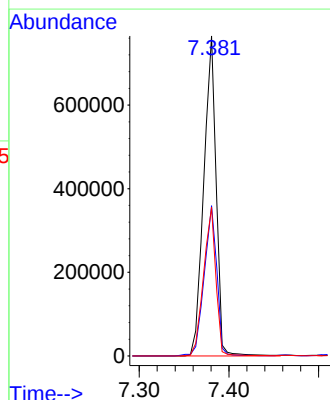
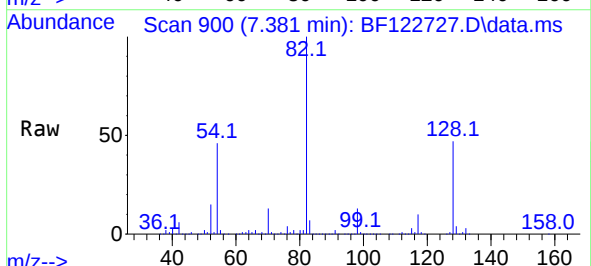
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	5.5	8.3
68	6.0	4.6	6.8

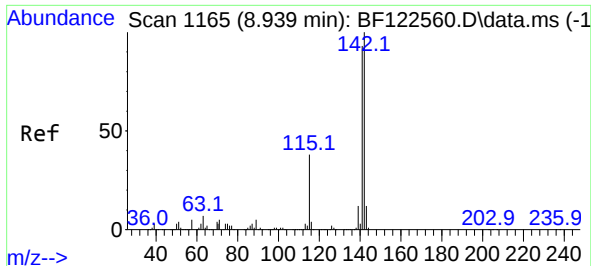


#23
Nitrobenzene-d5
Concen: 71.39 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

Tgt Ion: 82 Resp: 734988

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.0	55.4
54	46.4	38.4	57.6

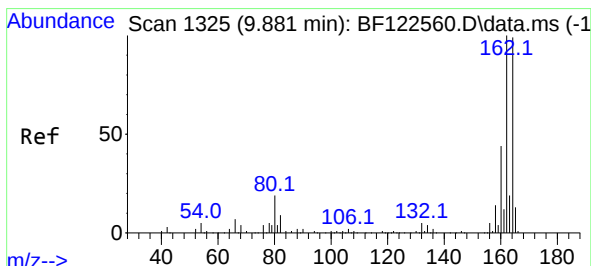
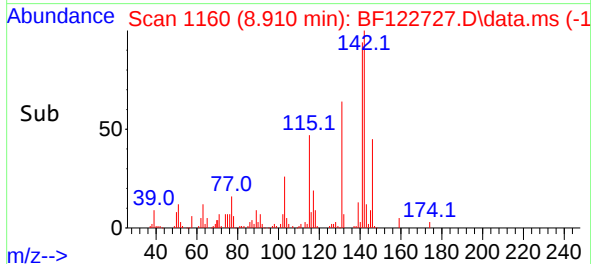
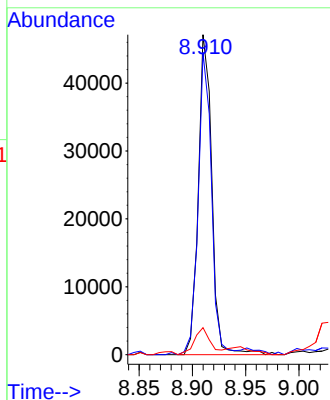
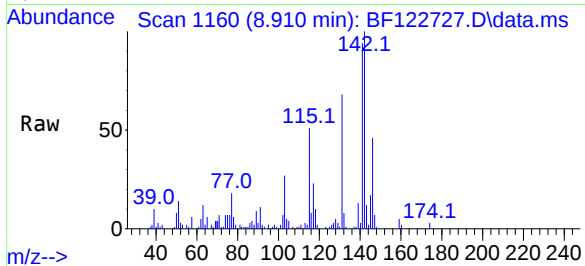




#38
1-Methylnaphthalene
Concen: 2.34 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

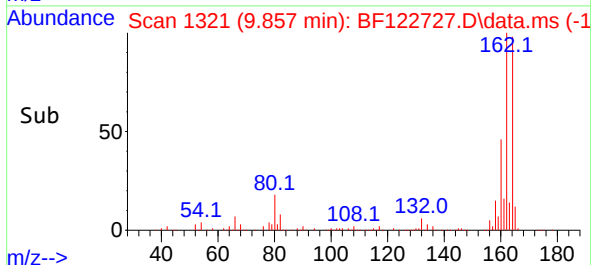
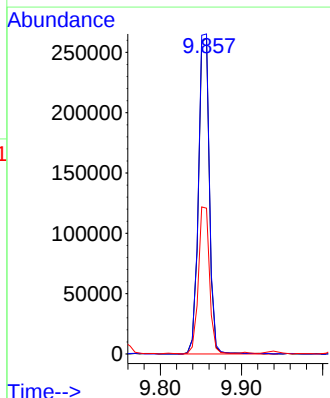
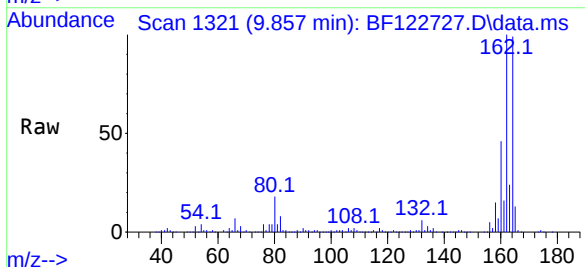
Instrument :
BNA_F
ClientSampleId :
JBD-GW-SB-02

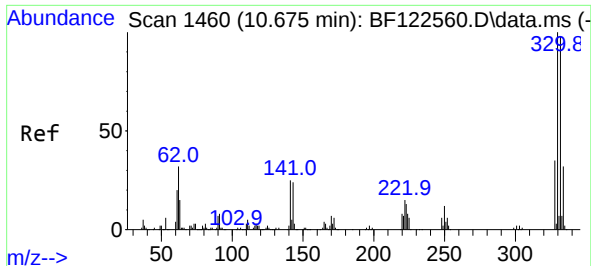
Tgt Ion:142 Resp: 41760
Ion Ratio Lower Upper
142 100
141 94.4 74.5 111.7
116 8.5 3.2 4.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

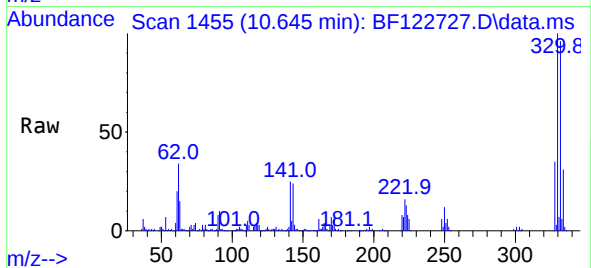
Tgt Ion:164 Resp: 244971
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 46.1 35.4 53.0



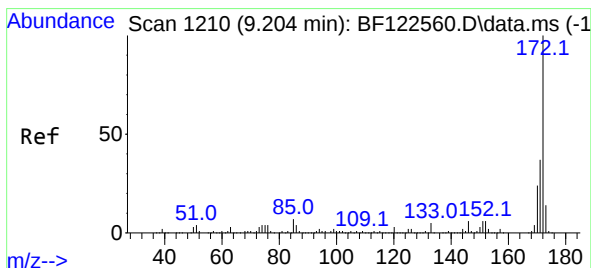
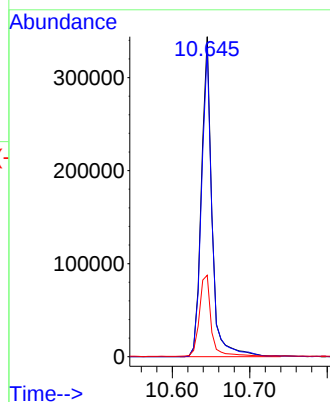
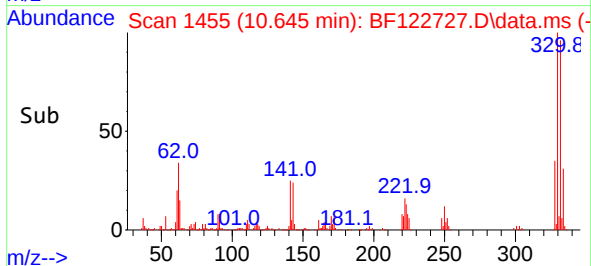


#42
2,4,6-Tribromophenol
Concen: 101.51 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

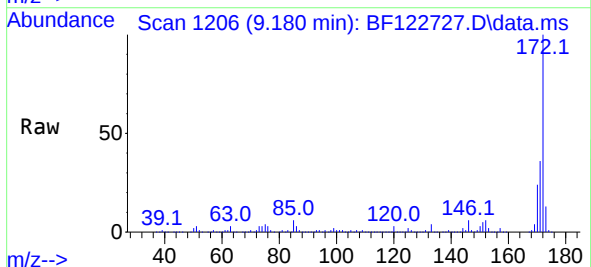
Instrument :
BNA_F
ClientSampleId :
JBD-GW-SB-02



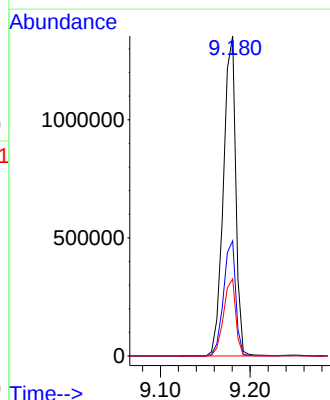
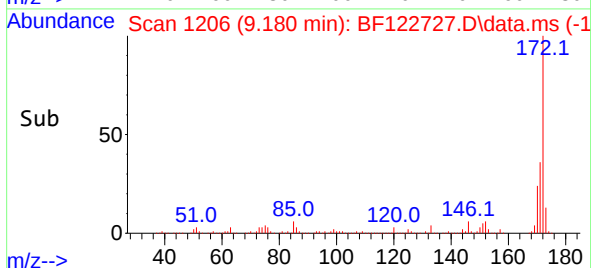
Tgt Ion: 330 Resp: 325485
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 28.4 23.8 35.8

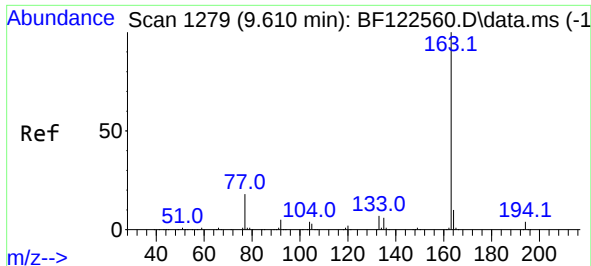


#45
2-Fluorobiphenyl
Concen: 71.71 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15



Tgt Ion: 172 Resp: 1298685
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 19.5 29.3

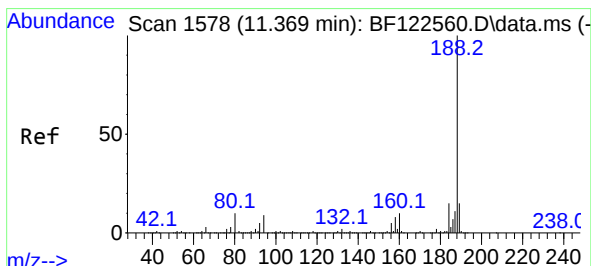
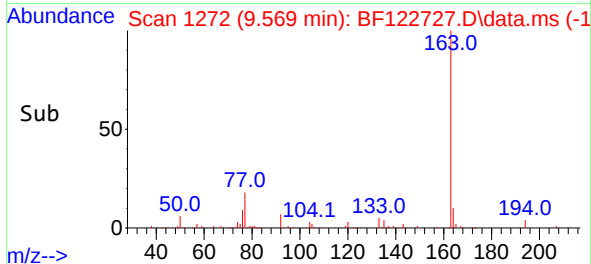
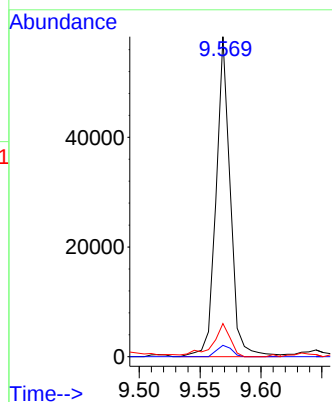
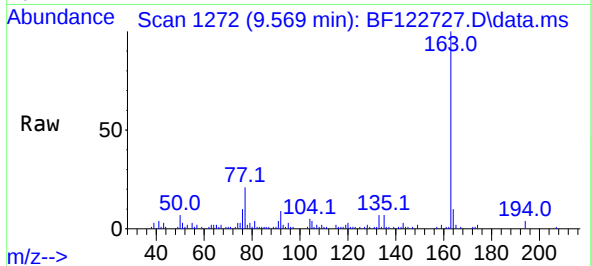




#50
Dimethylphthalate
Concen: 2.43 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

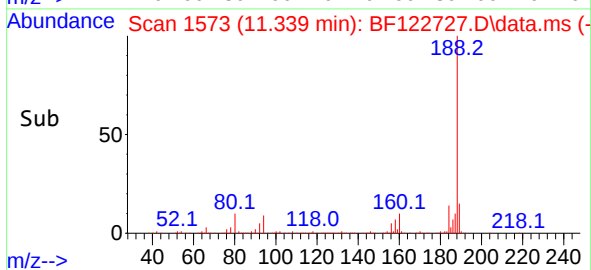
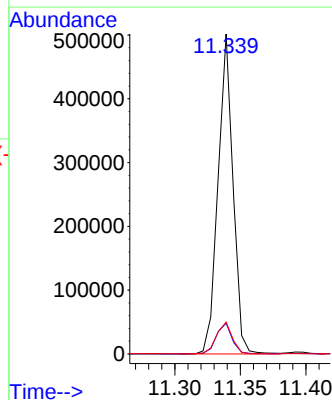
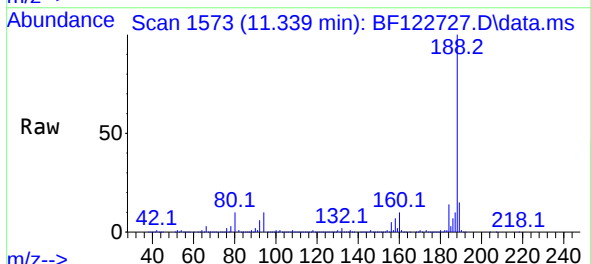
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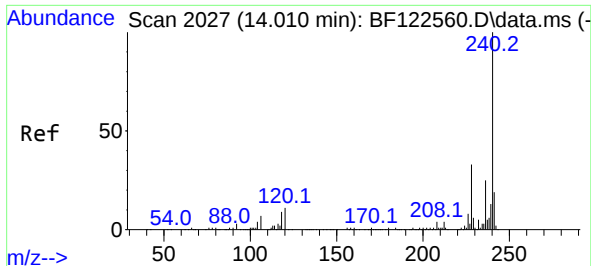
Tgt Ion:163 Resp: 47505
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.4 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

Tgt Ion:188 Resp: 397608
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 8.2 12.4

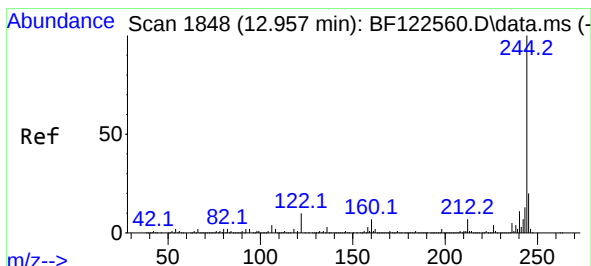
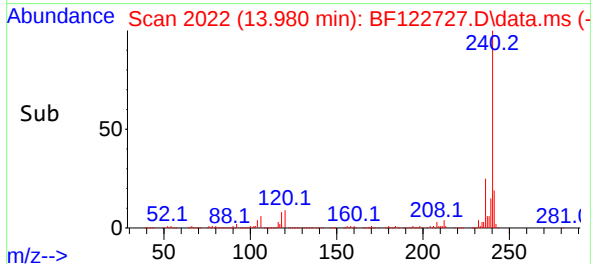
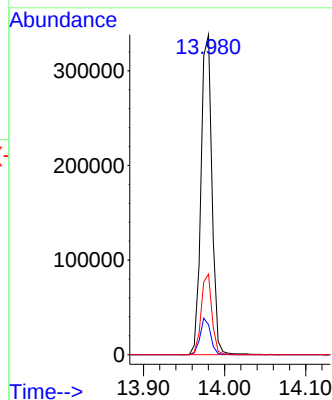
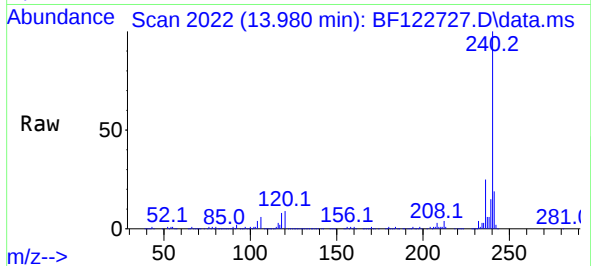




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

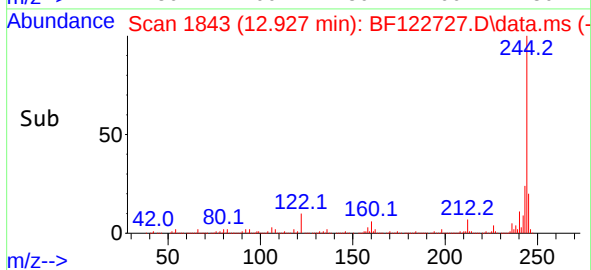
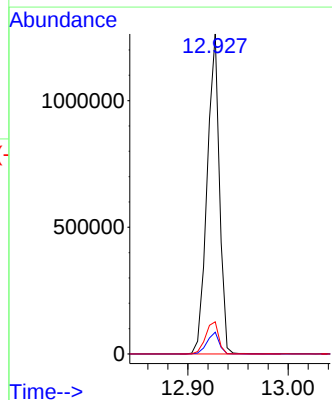
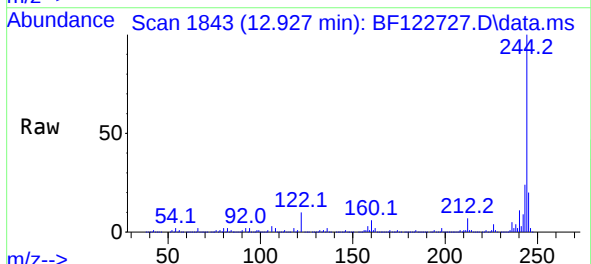
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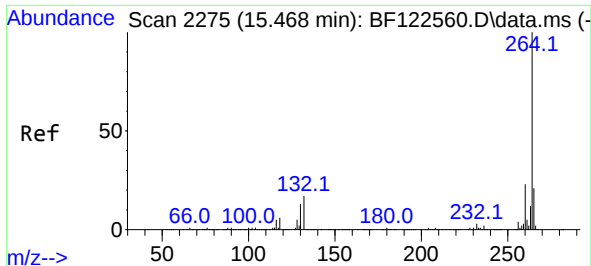
Tgt Ion:240 Resp: 318629
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 25.1 20.3 30.5



#79
Terphenyl-d14
Concen: 59.44 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

Tgt Ion:244 Resp: 1081972
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.1 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

Instrument :
BNA_F
ClientSampleId :
JBD-GW-SB-02

Tgt Ion:264 Resp: 326377

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.1	17.0	25.6

