

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)

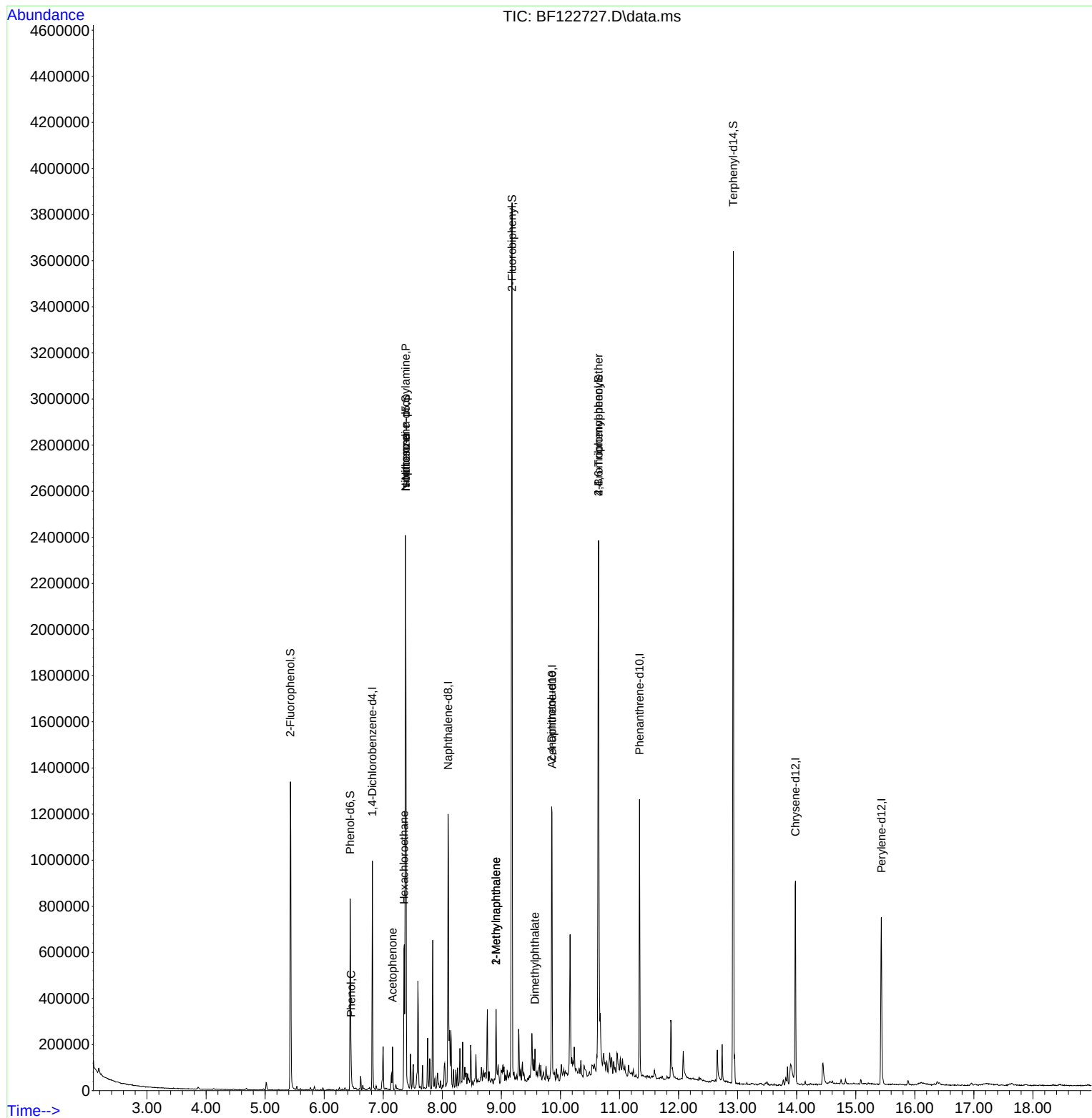
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	139792	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	515790	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	244971	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	397608	20.00	ng	0.00
76) Chrysene-d12	13.980	240	318629	20.00	ng	0.00
86) Perylene-d12	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						
						Qvalue
10) Phenol	6.457	94	28907	2.38	ng	87
18) Hexachloroethane	7.351	117	56392	13.63	ng	# 1
19) n-Nitroso-di-n-propyla...	7.381	70	99178	14.78	ng	# 77
22) Acetophenone	7.157	105	41684	3.25	ng	# 67
25) Isophorone	7.381	82	735092	41.46	ng	# 65
37) 2-Methylnaphthalene	8.910	142	41760	2.22	ng	# 88
38) 1-Methylnaphthalene	8.910	142	41760	2.34	ng	# 98
50) Dimethylphthalate	9.569	163	47505	2.43	ng	99
57) 2,4-Dinitrotoluene	9.851	165	33973	6.17	ng	# 29
67) 4-Bromophenyl-phenylether	10.645	248	20591	3.82	ng	# 1

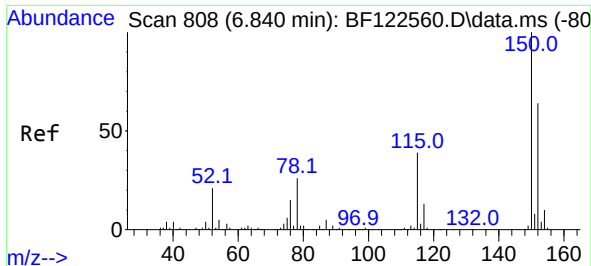
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

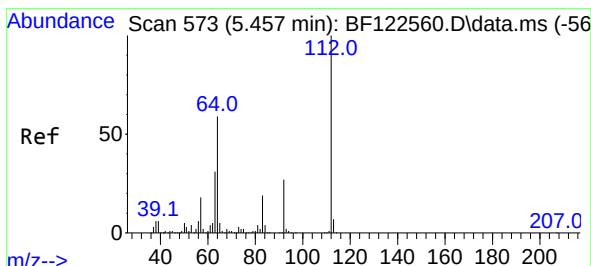
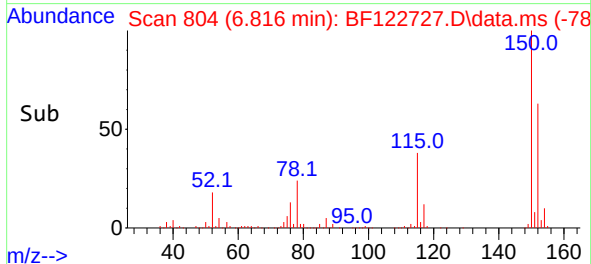
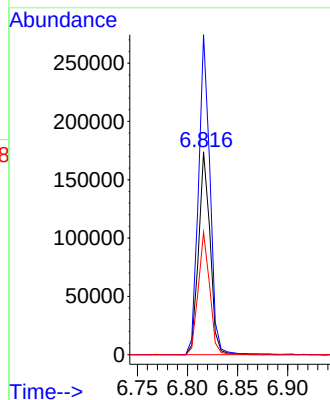
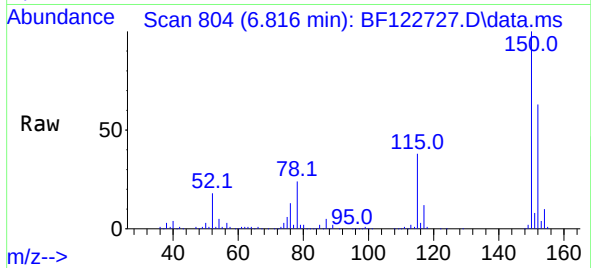




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

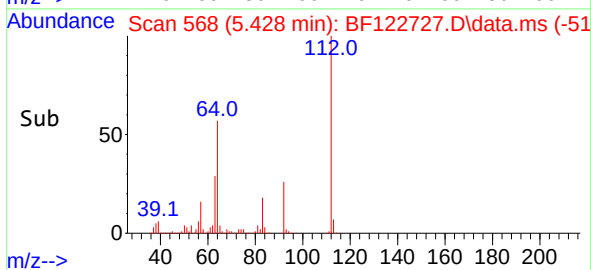
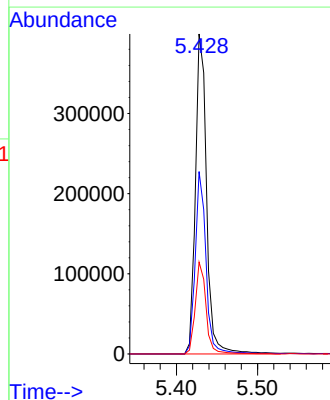
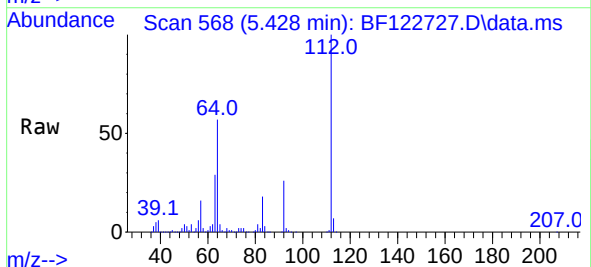
Instrument :
BNA_F
ClientSampleId :
JBD-GW-SB-02

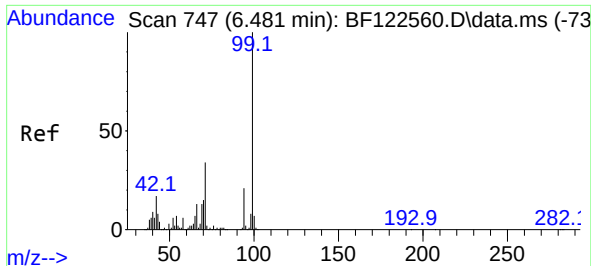
Tgt Ion:152 Resp: 139792
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 60.3 49.3 73.9



#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



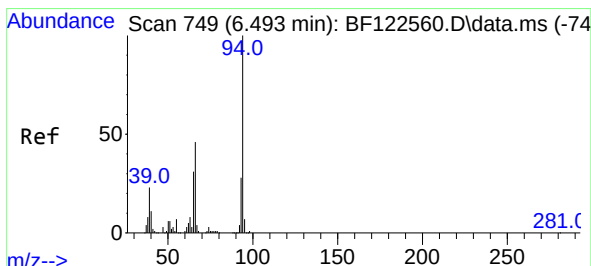
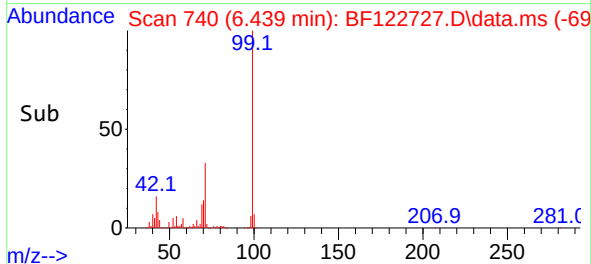
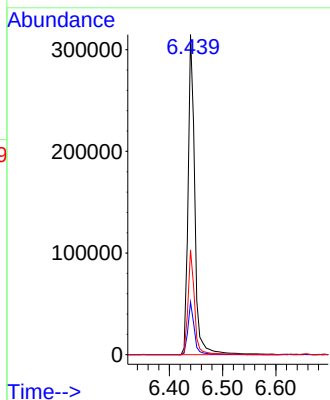
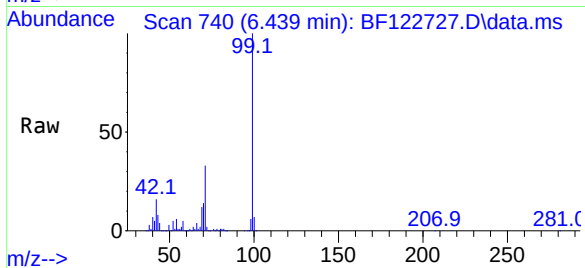


#7
Phenol-d6
Concen: 23.57 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

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

Tgt Ion: 99 Resp: 276079

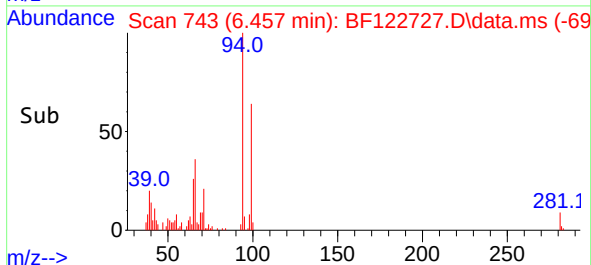
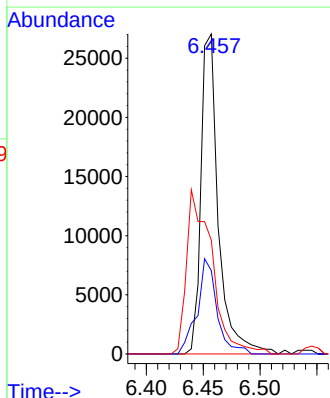
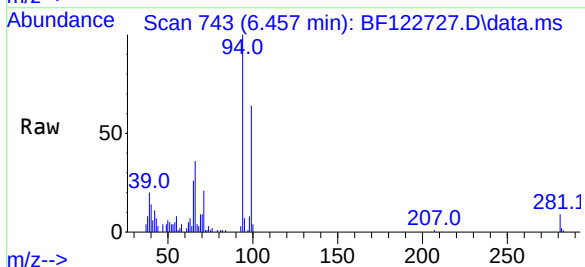
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.6
71	32.8	26.9	40.3

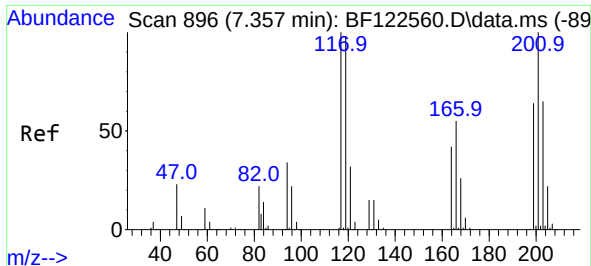


#10
Phenol
Concen: 2.38 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

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

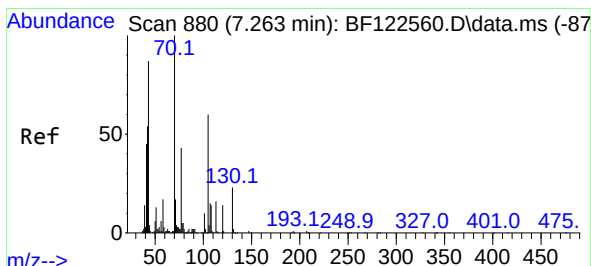
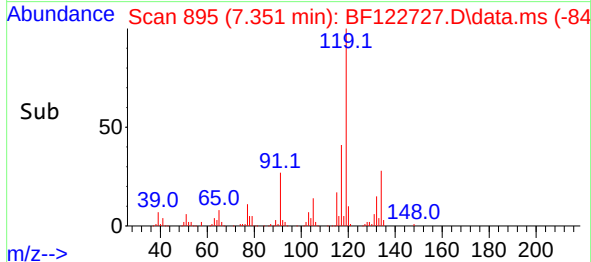
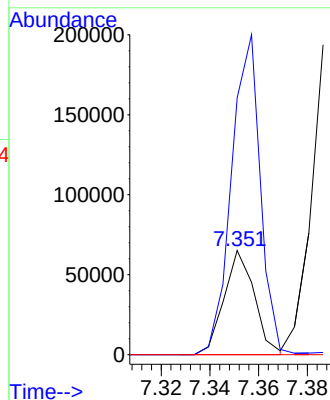
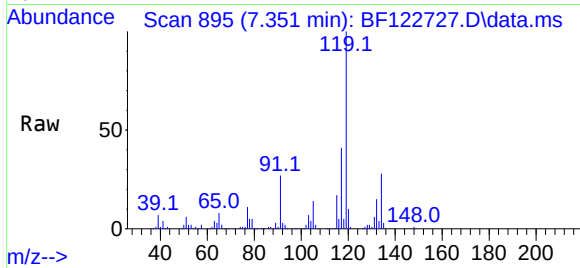




#18
Hexachloroethane
Concen: 13.63 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.017 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

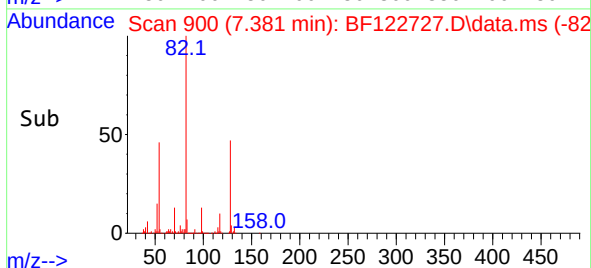
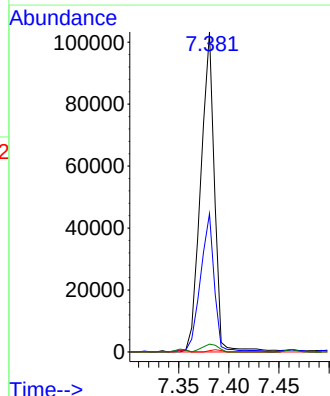
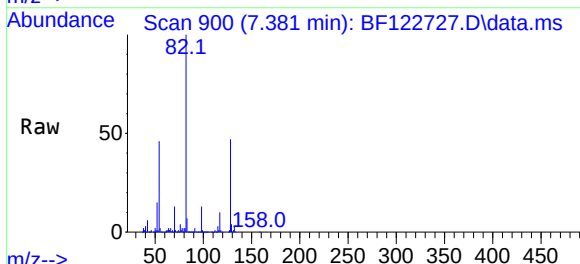
Instrument :
BNA_F
ClientSampleId :
JBD-GW-SB-02

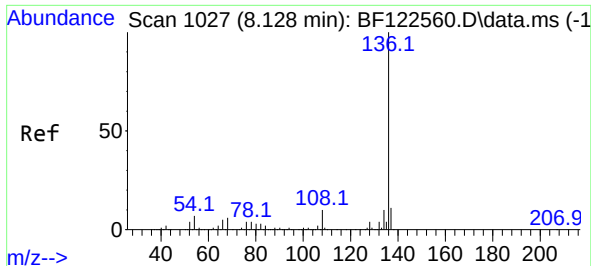
Tgt Ion:117 Resp: 56392
Ion Ratio Lower Upper
117 100
119 246.5 78.4 117.6#
201 0.0 79.6 119.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.78 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

Tgt Ion: 70 Resp: 99178
Ion Ratio Lower Upper
70 100
42 43.2 43.0 64.4
101 0.4 7.9 11.9#
130 2.4 18.5 27.7#



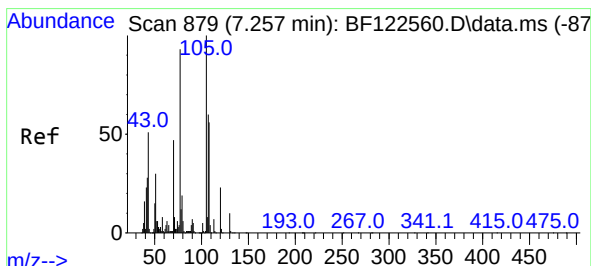
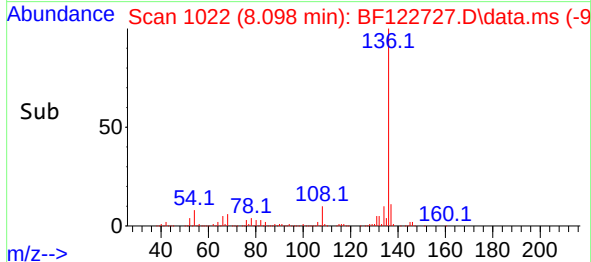
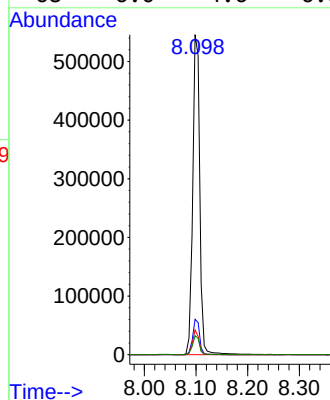
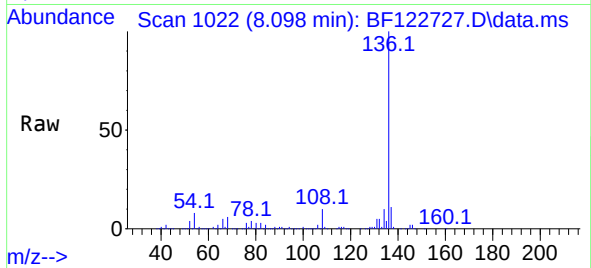


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

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

Tgt Ion:136 Resp: 515790

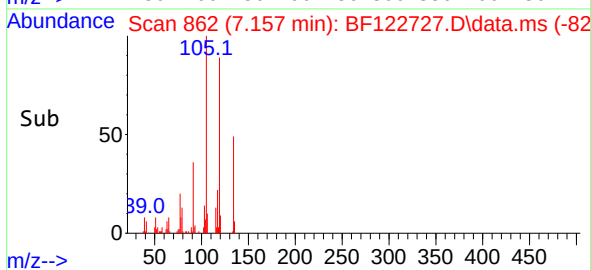
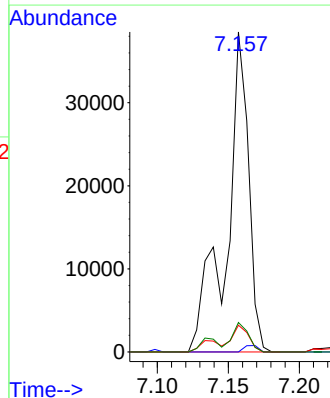
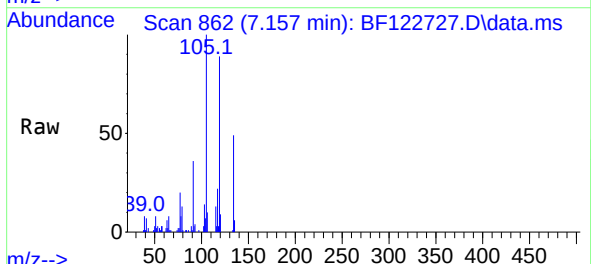
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	5.5	8.3
68	6.0	4.6	6.8

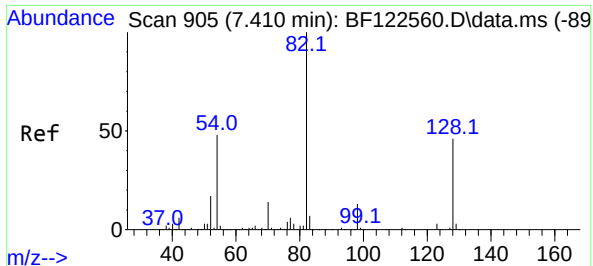


#22
Acetophenone
Concen: 3.25 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.077 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

Tgt Ion:105 Resp: 41684

Ion	Ratio	Lower	Upper
105	100		
71	0.0	6.5	9.7#
51	8.3	24.3	36.5#
120	9.2	18.1	27.1#





#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

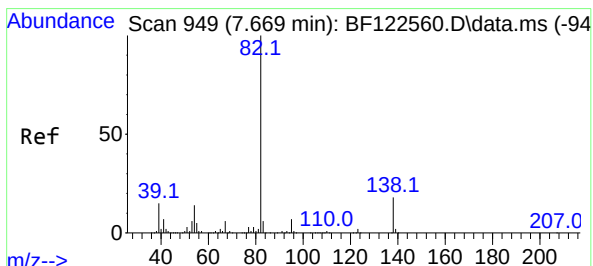
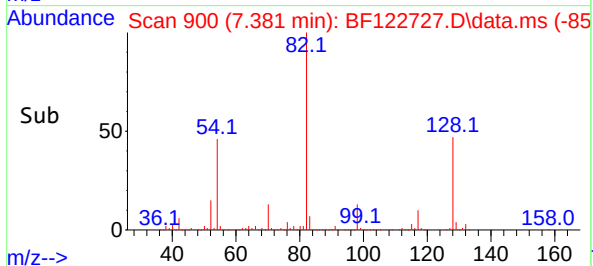
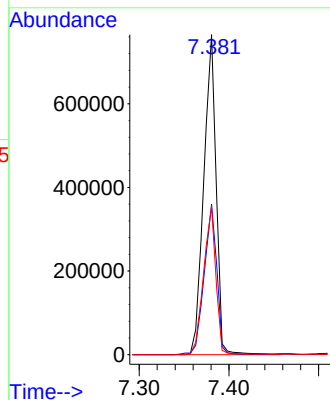
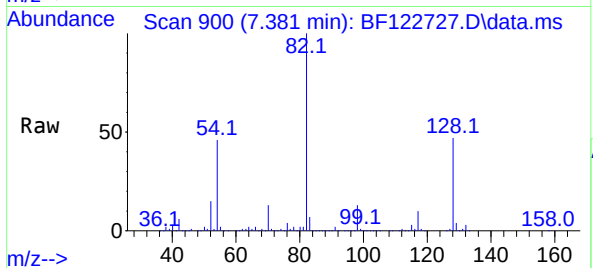
Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.0	55.4
54	46.4	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

JBD-GW-SB-02



#25

Isophorone

Concen: 41.46 ng

RT: 7.381 min Scan# 900

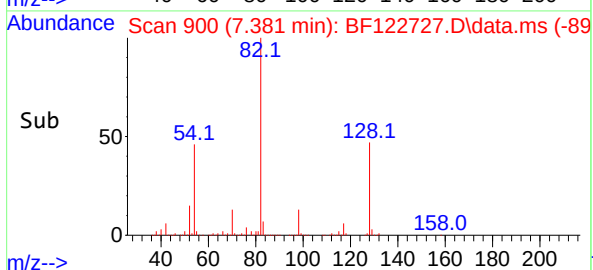
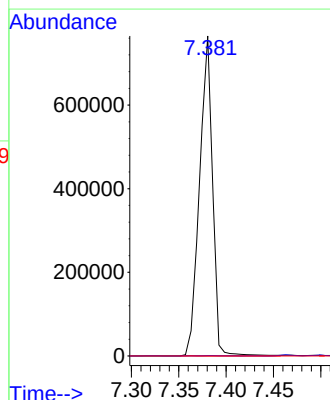
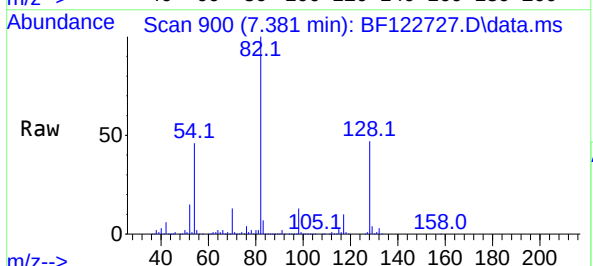
Delta R.T. -0.265 min

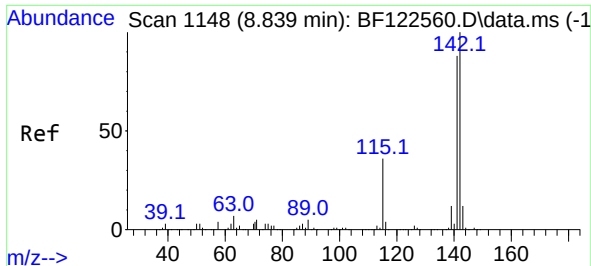
Lab File: BF122727.D

Acq: 15 Dec 2020 21:15

Tgt Ion: 82 Resp: 735092

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#

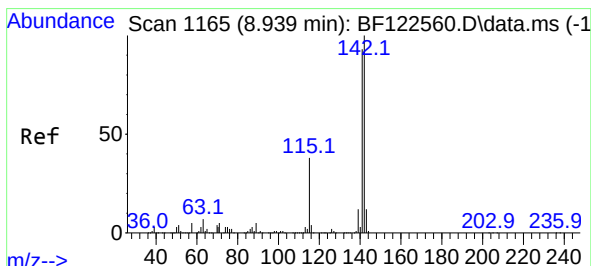
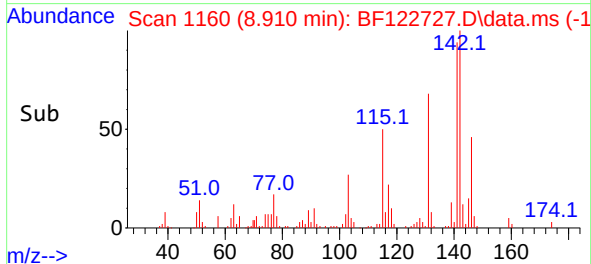
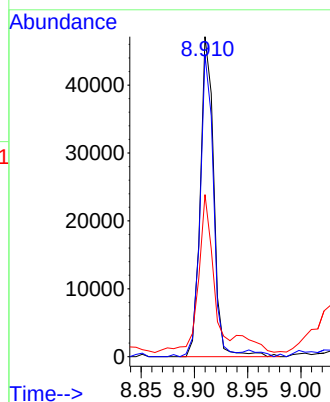
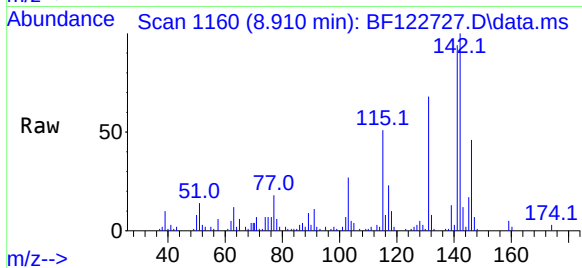




#37
2-Methylnaphthalene
Concen: 2.22 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.088 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

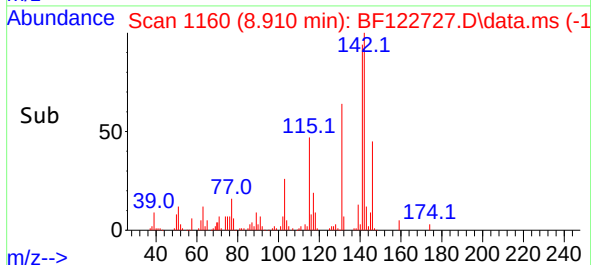
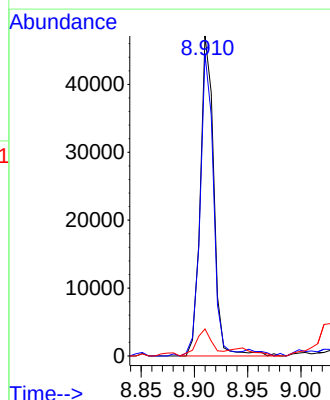
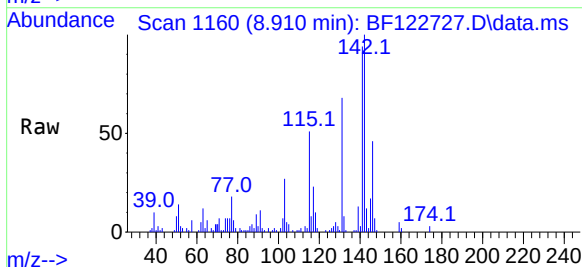
Instrument :
BNA_F
ClientSampleId :
JBD-GW-SB-02

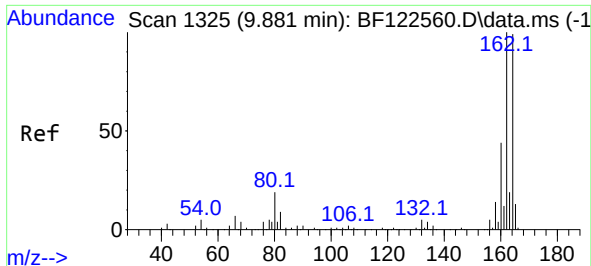
Tgt Ion:142 Resp: 41760
Ion Ratio Lower Upper
142 100
141 94.4 70.6 106.0
115 50.7 28.7 43.1#



#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

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

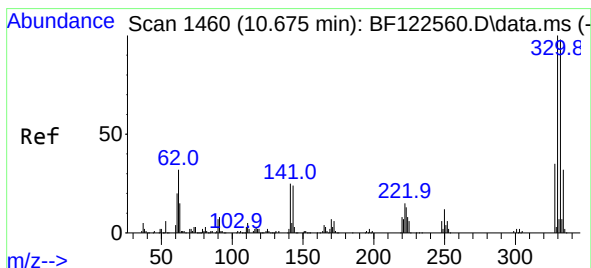
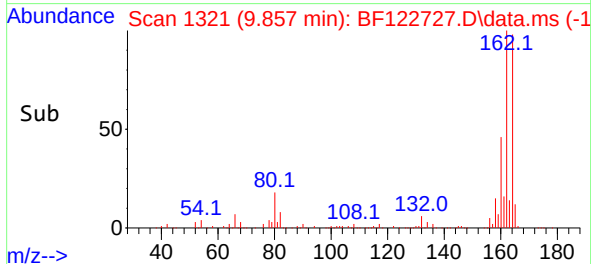
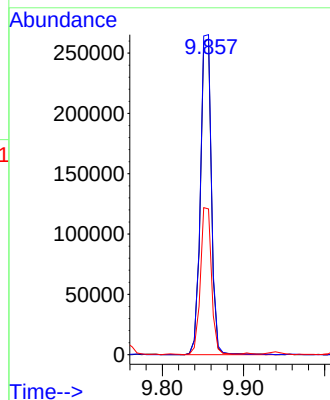
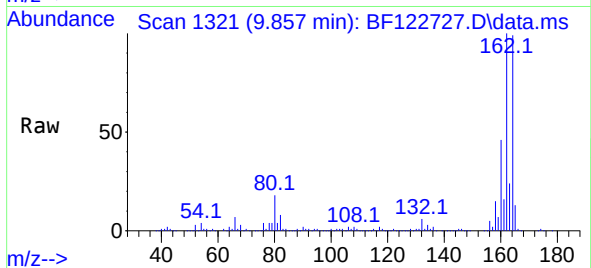
Tgt Ion:164 Resp: 244971

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

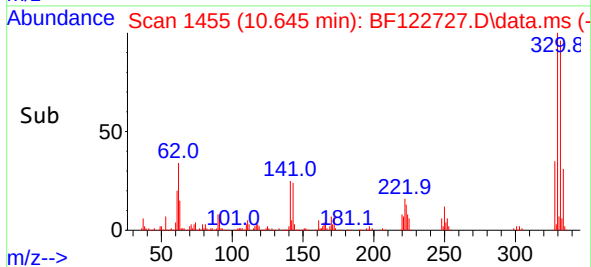
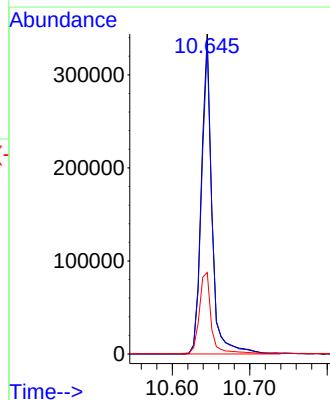
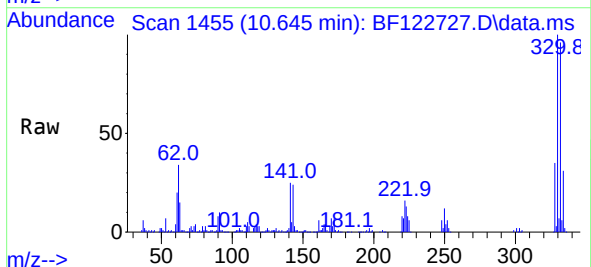
Tgt Ion:330 Resp: 325485

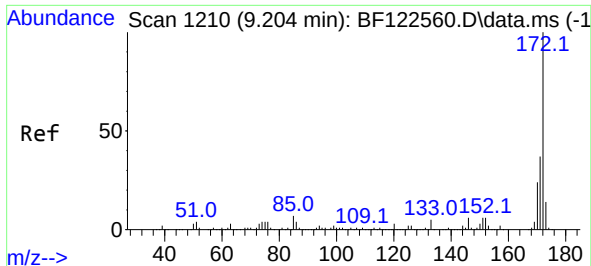
Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 28.4 23.8 35.8

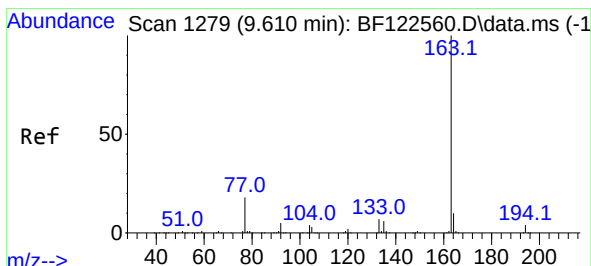
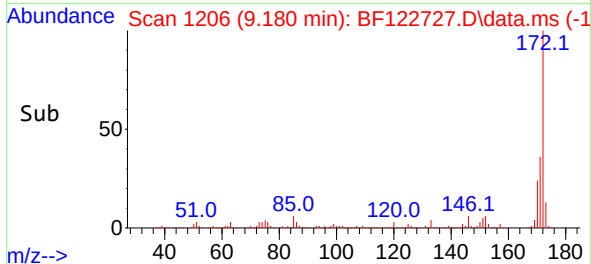
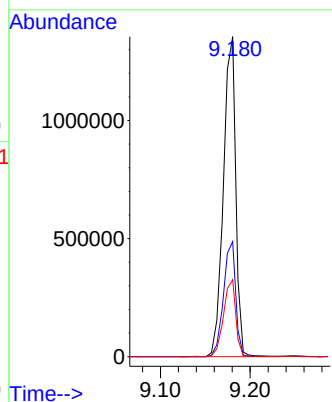
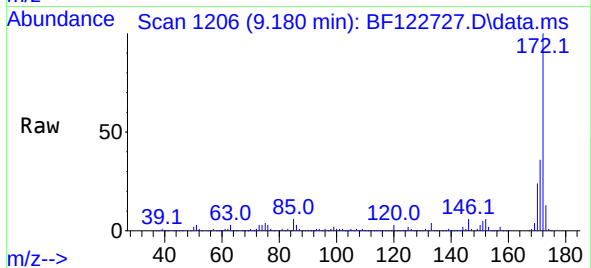




#45
2-Fluorobiphenyl
Concen: 71.71 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

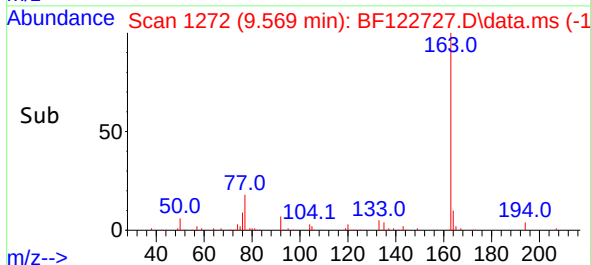
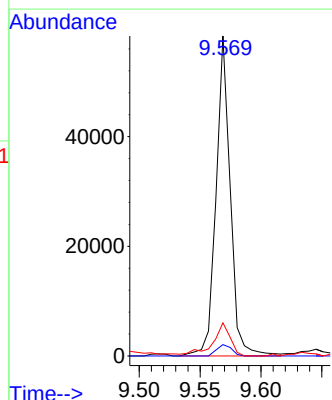
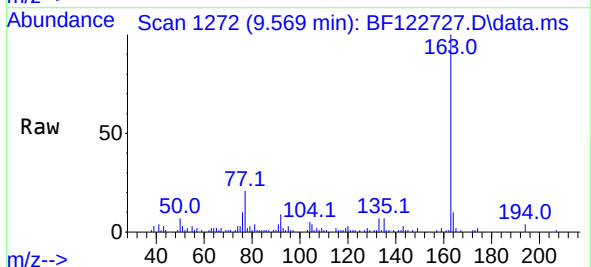
Instrument :
BNA_F
ClientSampleId :
JBD-GW-SB-02

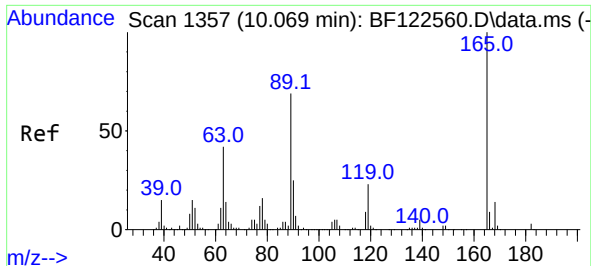
Tgt Ion:172 Resp: 1298685
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.1 19.5 29.3



#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

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



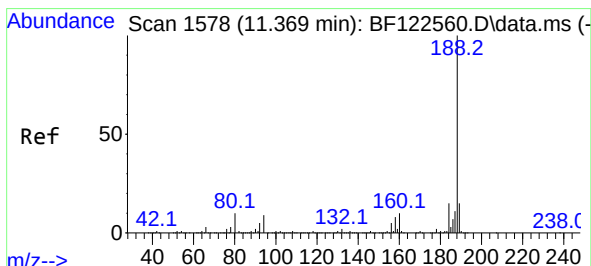
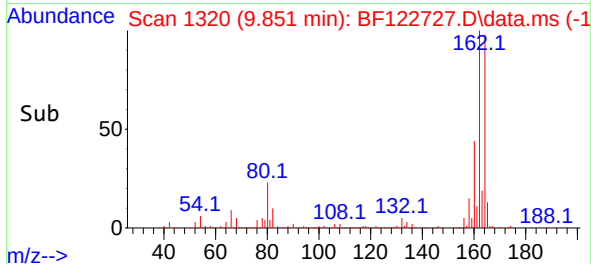
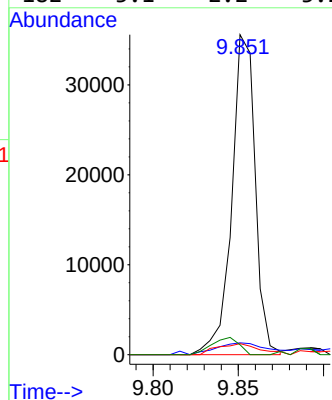
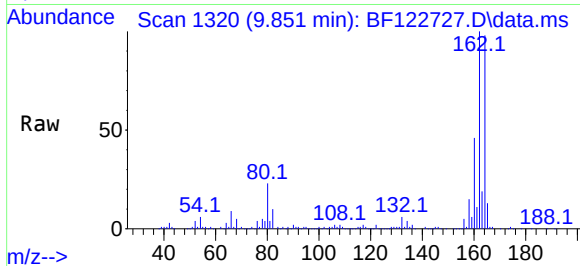


#57
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

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

Tgt Ion:165 Resp: 33973

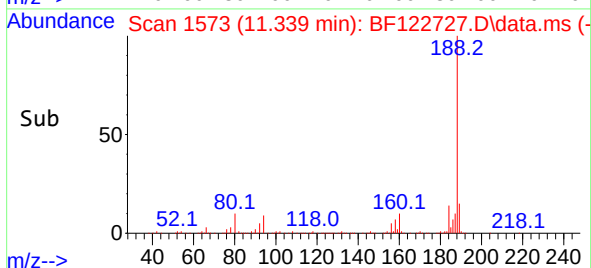
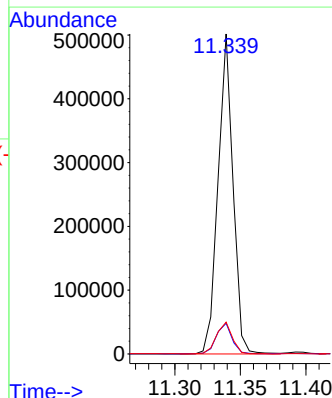
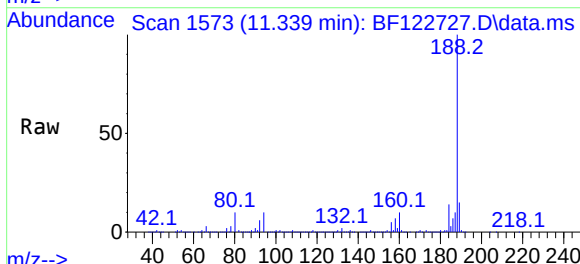
Ion	Ratio	Lower	Upper
165	100		
63	3.7	34.3	51.5#
89	3.5	55.2	82.8#
182	3.1	2.2	3.2

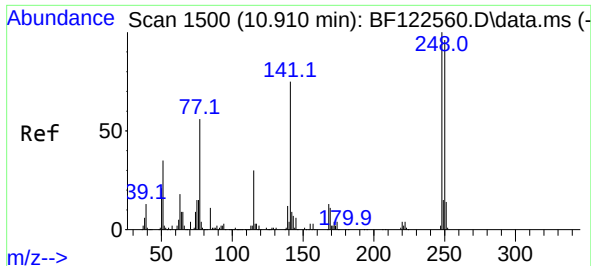


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

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

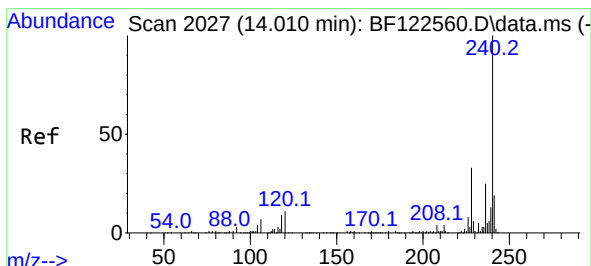
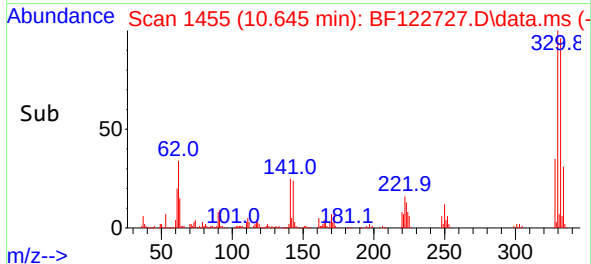
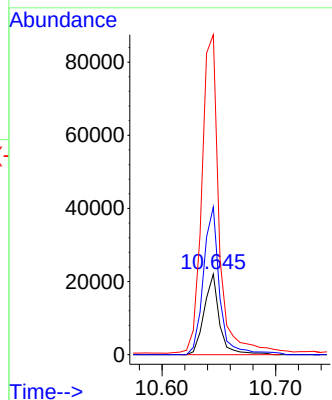
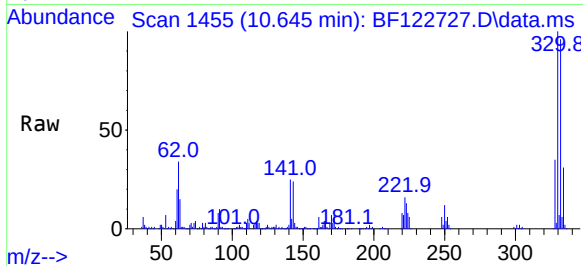




#67
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122727.D
Acq: 15 Dec 2020 21:15

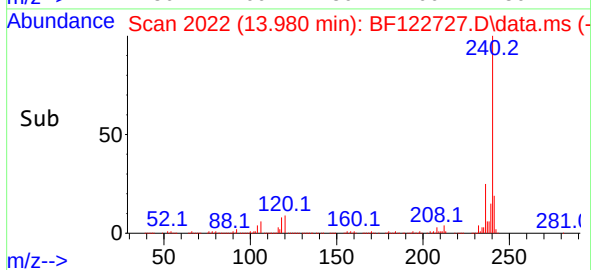
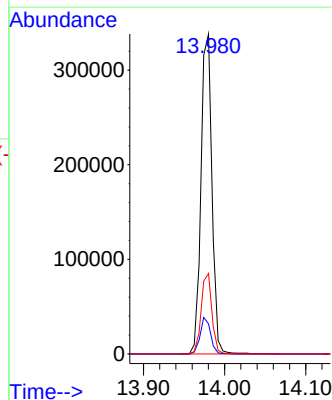
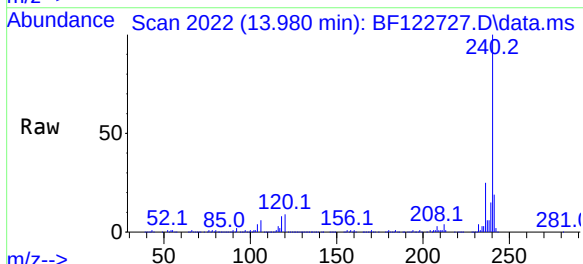
Instrument :
BNA_F
ClientSampleId :
JBD-GW-SB-02

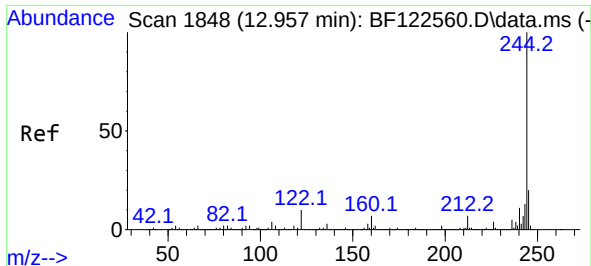
Tgt Ion:248 Resp: 20591
Ion Ratio Lower Upper
248 100
250 183.0 76.8 115.2#
141 396.7 59.8 89.8#



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

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

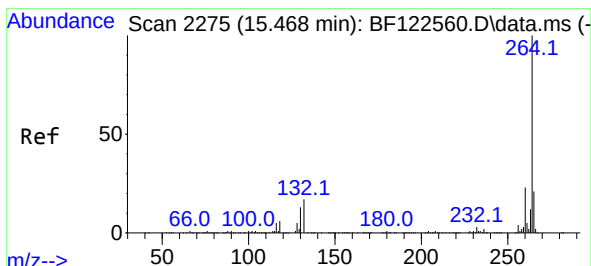
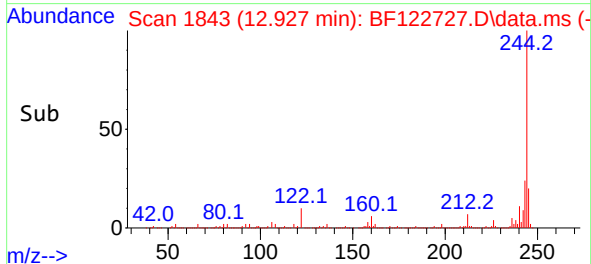
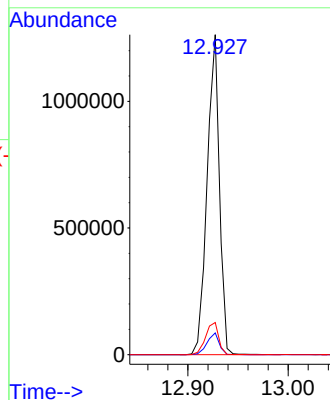
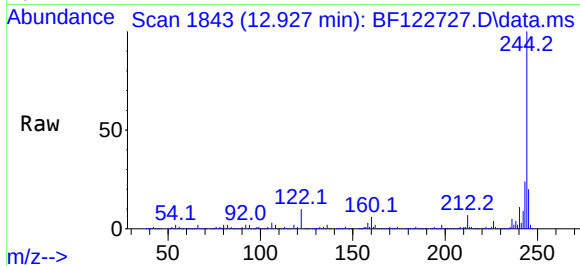




#79
 Terphenyl-d14
 Concen: 59.44 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF122727.D
 Acq: 15 Dec 2020 21:15

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

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

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

