

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122737.D
 Acq On : 16 Dec 2020 3:26
 Operator : JU/CG
 Sample : L5039-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JBD-WC-L-SB-02

Quant Time: Dec 16 04:37:35 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)

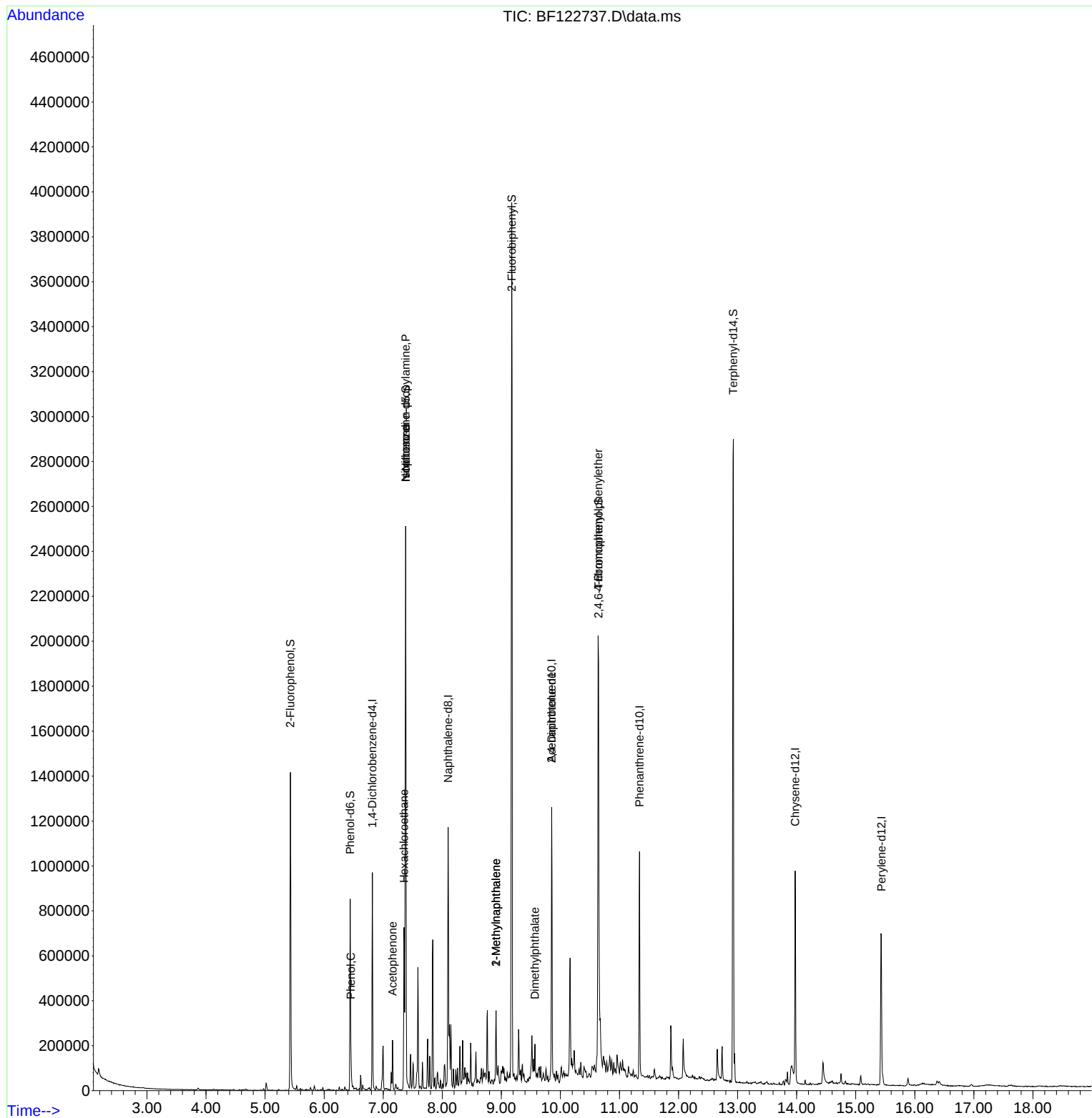
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	132514	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	481111	20.00	ng	-0.01
39) Acenaphthene-d10	9.851	164	222978	20.00	ng	-0.01
64) Phenanthrene-d10	11.339	188	351403	20.00	ng	0.00
76) Chrysene-d12	13.974	240	303775	20.00	ng	-0.01
86) Perylene-d12	15.433	264	327673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	401662	47.99	ng	0.00
7) Phenol-d6	6.440	99	279973	25.22	ng	-0.02
23) Nitrobenzene-d5	7.381	82	746645	77.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	308266	105.62	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1275579	77.38	ng	-0.01
79) Terphenyl-d14	12.927	244	982385	56.61	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.451	94	33390	2.90	ng	91
18) Hexachloroethane	7.351	117	65219	16.63	ng	# 1
19) n-Nitroso-di-n-propyla...	7.381	70	99107	15.59	ng	# 77
22) Acetophenone	7.157	105	47006	3.93	ng	# 66
25) Isophorone	7.381	82	746344	45.13	ng	# 65
37) 2-Methylnaphthalene	8.910	142	43969	2.50	ng	# 94
38) 1-Methylnaphthalene	8.910	142	43969	2.65	ng	# 97
50) Dimethylphthalate	9.569	163	56558	3.18	ng	99
57) 2,4-Dinitrotoluene	9.851	165	29621	5.91	ng	# 28
67) 4-Bromophenyl-phenylether	10.639	248	19624	4.12	ng	# 1

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

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Sample : L5039-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02

Quant Time: Dec 16 04:37:35 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

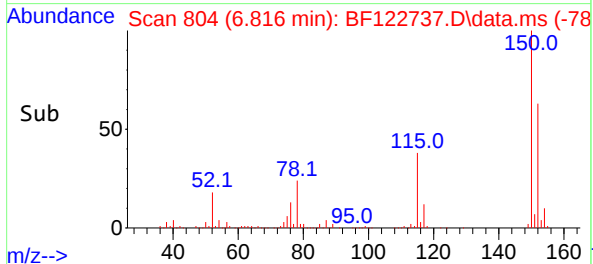
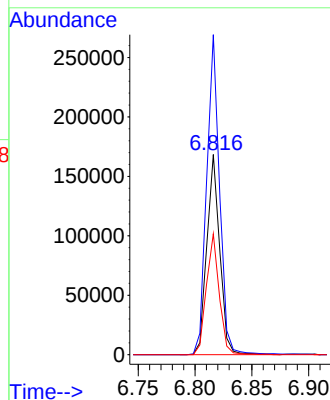
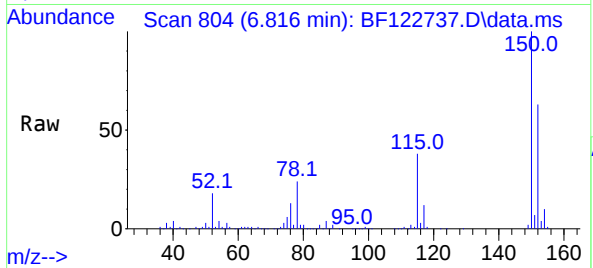




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

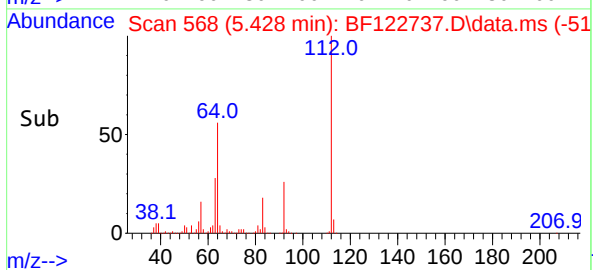
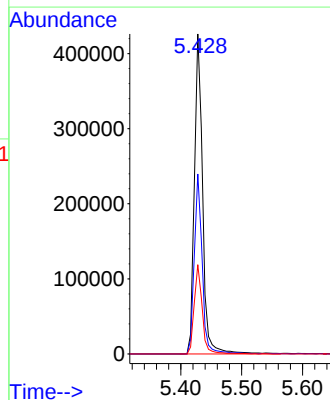
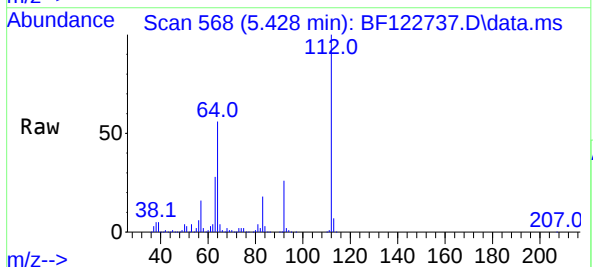
Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02

Tgt Ion:152 Resp: 132514
Ion Ratio Lower Upper
152 100
150 159.9 125.8 188.6
115 60.4 49.3 73.9



#5
2-Fluorophenol
Concen: 47.99 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

Tgt Ion:112 Resp: 401662
Ion Ratio Lower Upper
112 100
64 56.3 46.9 70.3
63 27.9 24.5 36.7

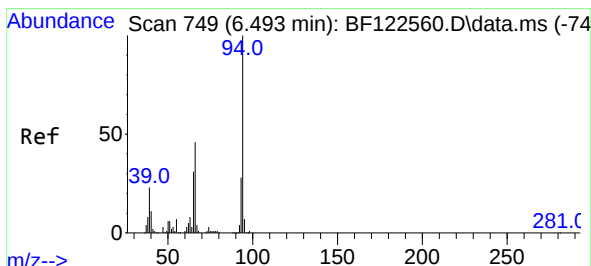
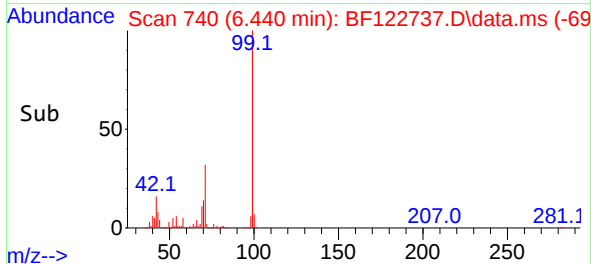
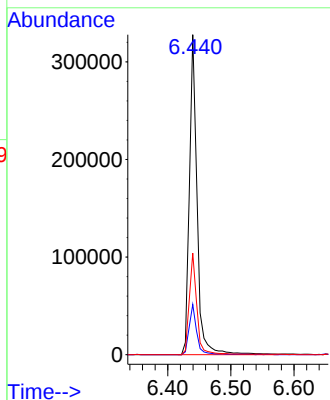
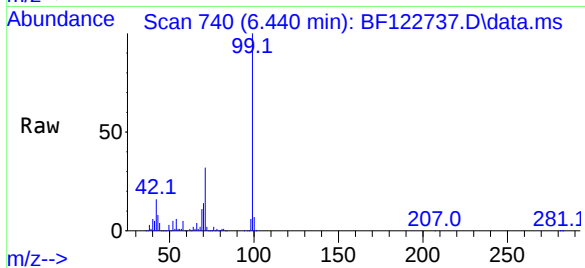




#7
Phenol-d6
Concen: 25.22 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

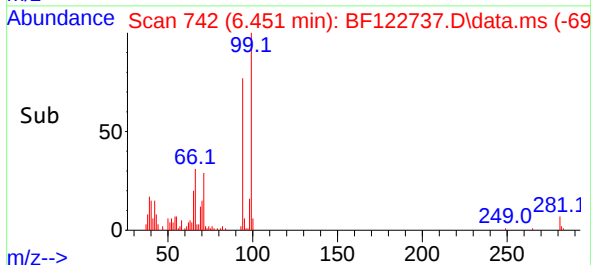
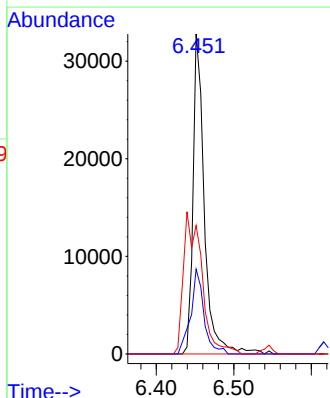
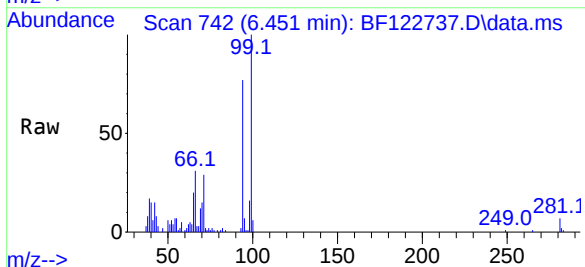
Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02

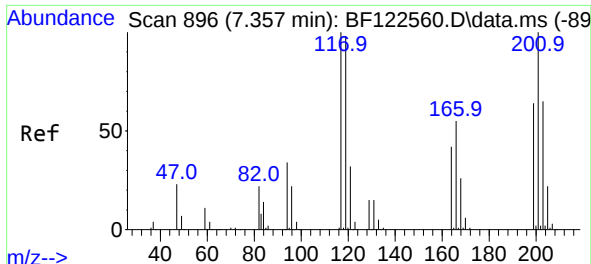
Tgt Ion:	99	Resp:	279973
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.8	20.6
71	31.8	26.9	40.3



#10
Phenol
Concen: 2.90 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

Tgt Ion:	94	Resp:	33390
Ion	Ratio	Lower	Upper
94	100		
65	26.5	11.2	51.2
66	40.2	25.8	65.8

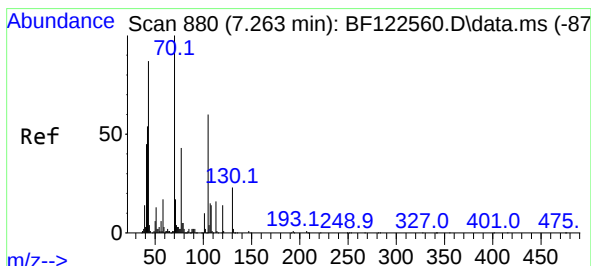
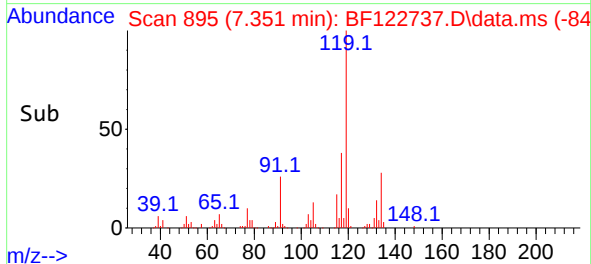
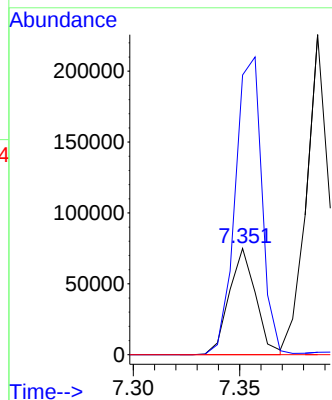
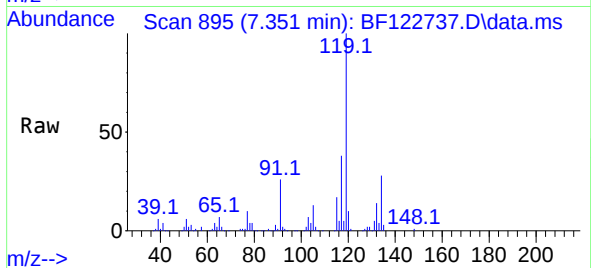




#18
Hexachloroethane
Concen: 16.63 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.018 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

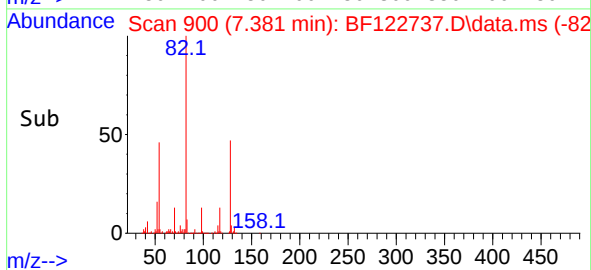
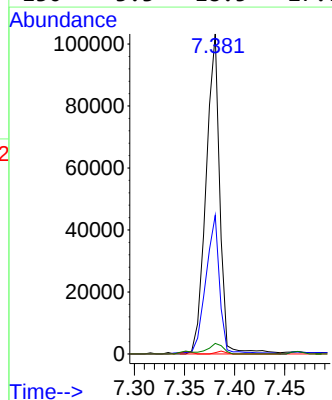
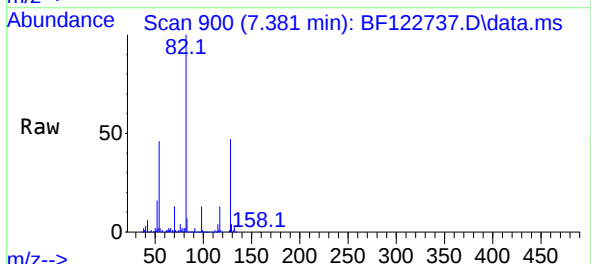
Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02

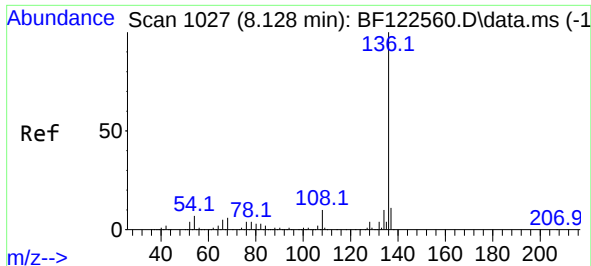
Tgt Ion:117 Resp: 65219
Ion Ratio Lower Upper
117 100
119 263.2 78.4 117.6#
201 0.0 79.6 119.4#



#19
n-Nitroso-di-n-propylamine
Concen: 15.59 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

Tgt Ion: 70 Resp: 99107
Ion Ratio Lower Upper
70 100
42 43.3 43.0 64.4
101 0.4 7.9 11.9#
130 3.3 18.5 27.7#



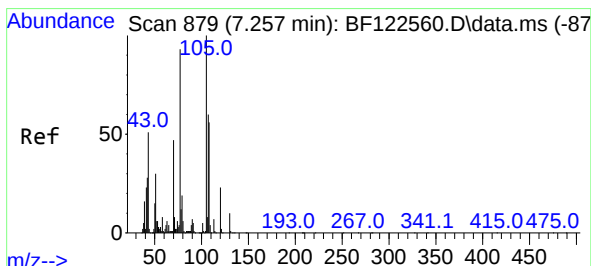
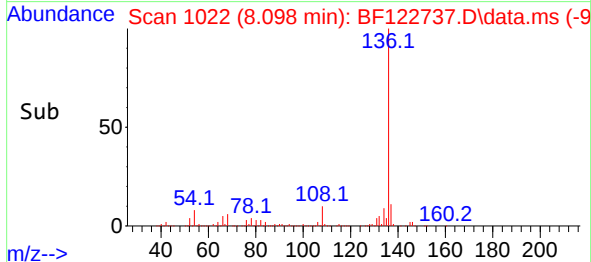
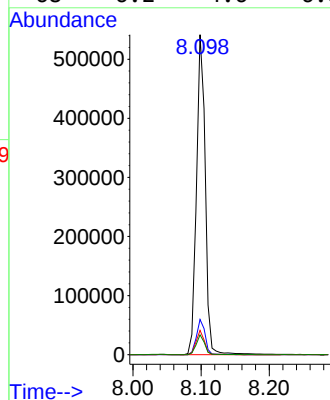
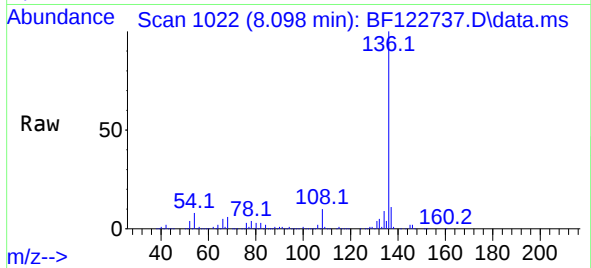


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02

Tgt Ion:136 Resp: 481111

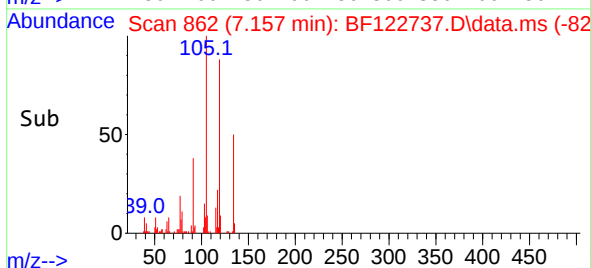
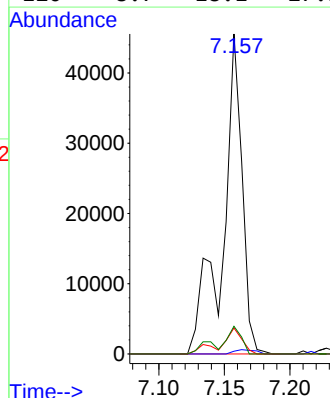
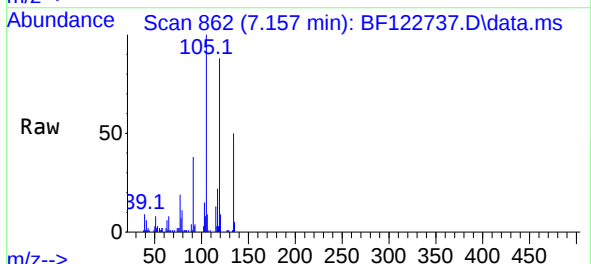
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	5.5	8.3
68	6.2	4.6	6.8

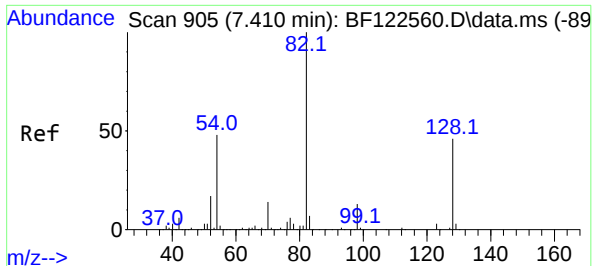


#22
Acetophenone
Concen: 3.93 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.077 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

Tgt Ion:105 Resp: 47006

Ion	Ratio	Lower	Upper
105	100		
71	0.8	6.5	9.7#
51	8.1	24.3	36.5#
120	8.7	18.1	27.1#





#23

Nitrobenzene-d5

Concen: 77.75 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF122737.D

Acq: 16 Dec 2020 3:26

Tgt Ion: 82 Resp: 746645

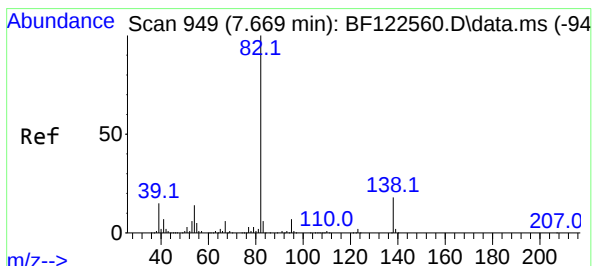
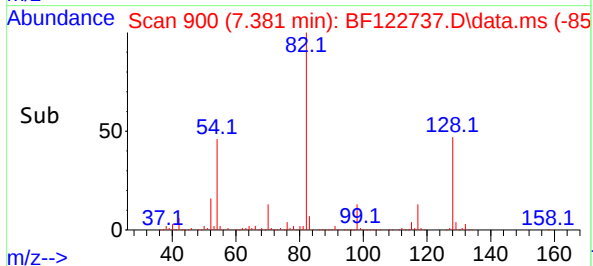
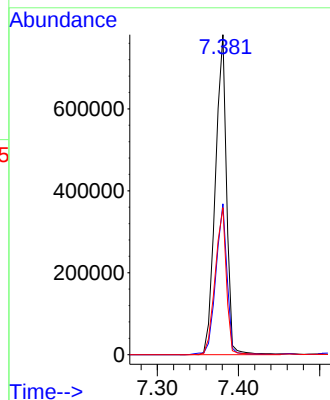
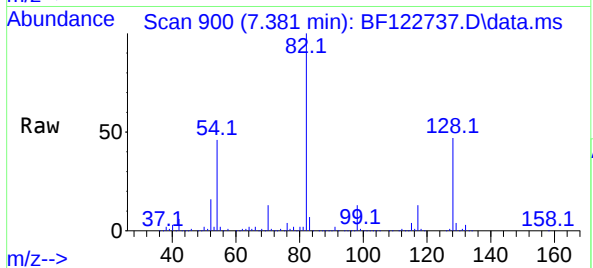
Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.0	55.4
54	45.9	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

JBD-WC-L-SB-02



#25

Isophorone

Concen: 45.13 ng

RT: 7.381 min Scan# 900

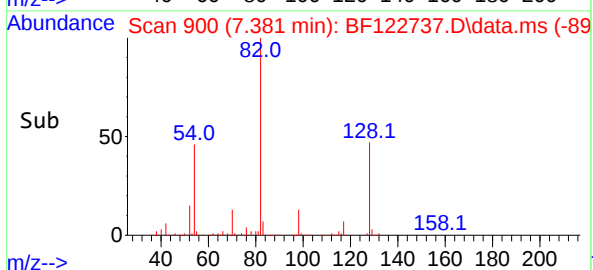
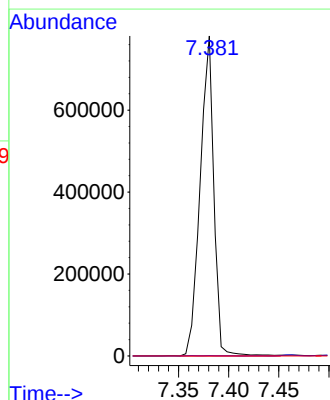
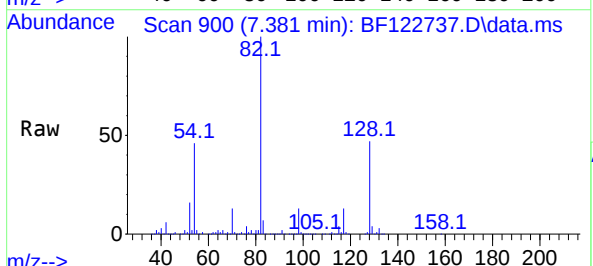
Delta R.T. -0.265 min

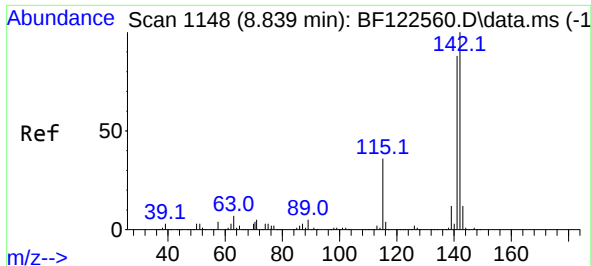
Lab File: BF122737.D

Acq: 16 Dec 2020 3:26

Tgt Ion: 82 Resp: 746344

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

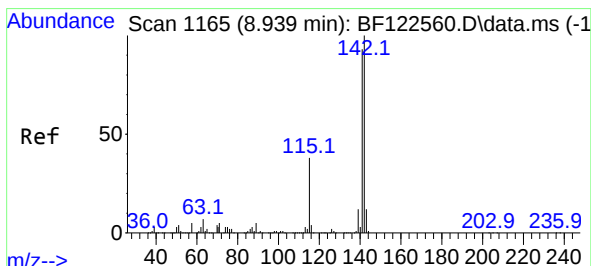
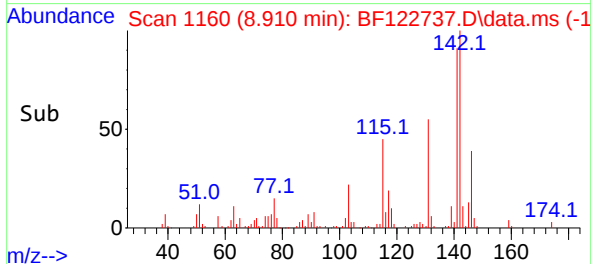
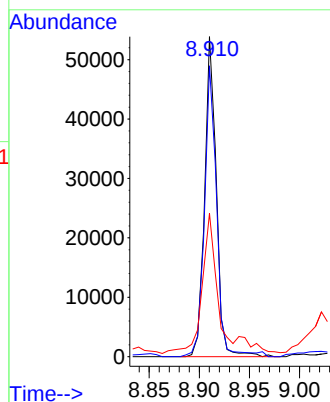
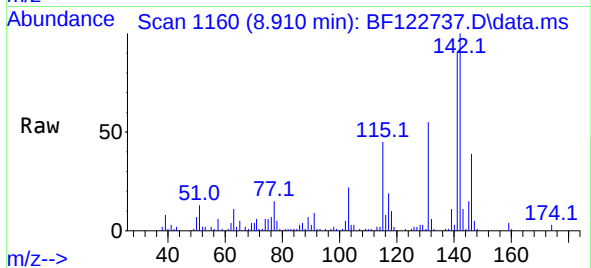




#37
2-Methylnaphthalene
Concen: 2.50 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.088 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

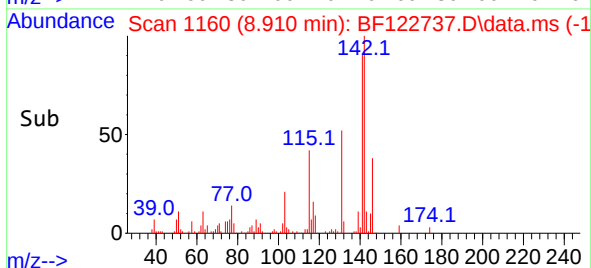
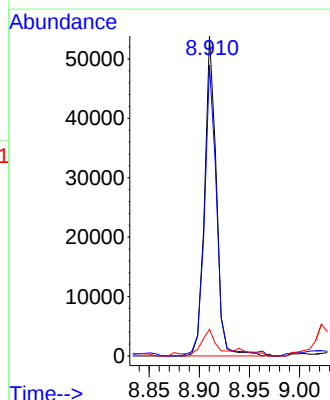
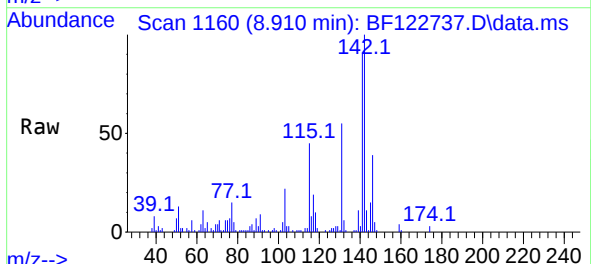
Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02

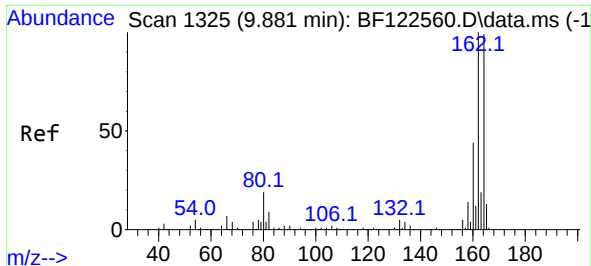
Tgt Ion:142 Resp: 43969
Ion Ratio Lower Upper
142 100
141 90.9 70.6 106.0
115 44.8 28.7 43.1#



#38
1-Methylnaphthalene
Concen: 2.65 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

Tgt Ion:142 Resp: 43969
Ion Ratio Lower Upper
142 100
141 90.9 74.5 111.7
116 8.4 3.2 4.8#

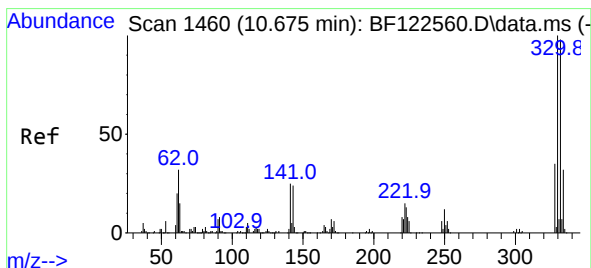
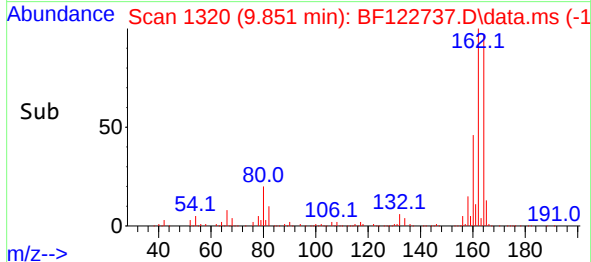
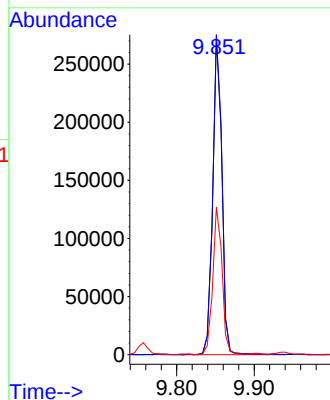
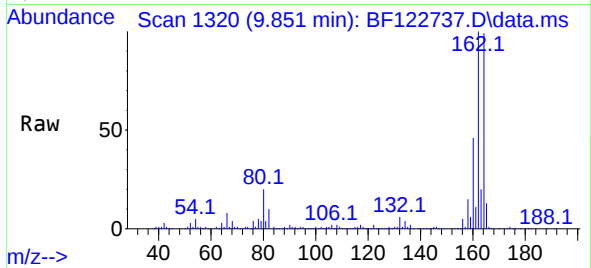




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

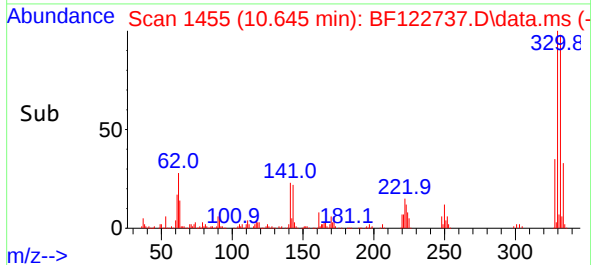
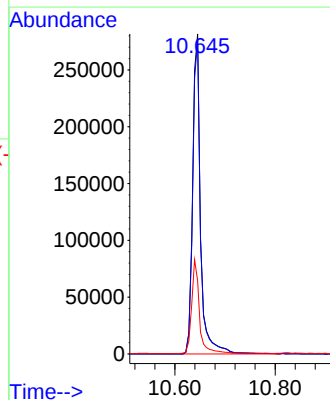
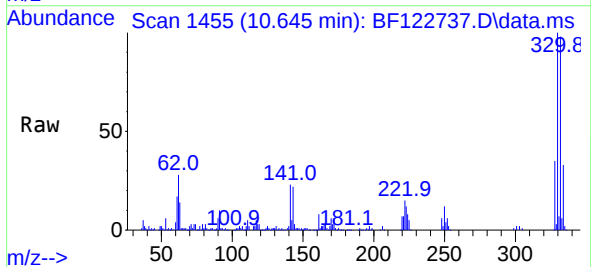
Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02

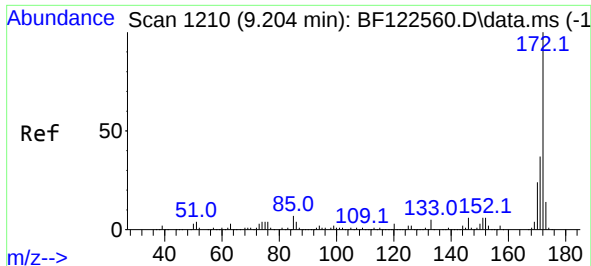
Tgt Ion:164 Resp: 222978
Ion Ratio Lower Upper
164 100
162 100.8 80.8 121.2
160 46.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 105.62 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

Tgt Ion:330 Resp: 308266
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 28.8 23.8 35.8

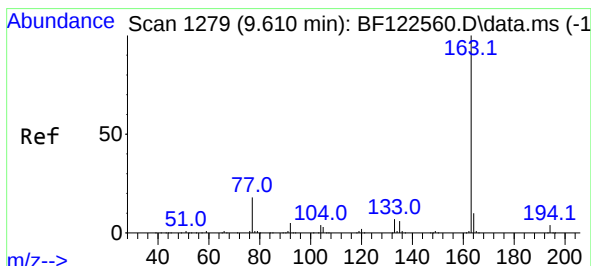
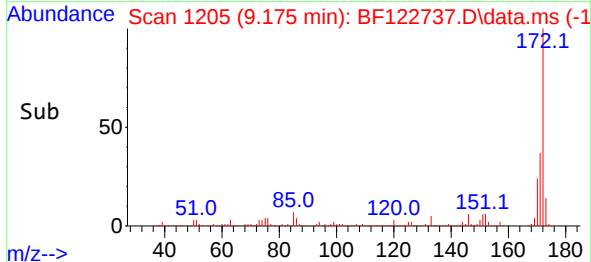
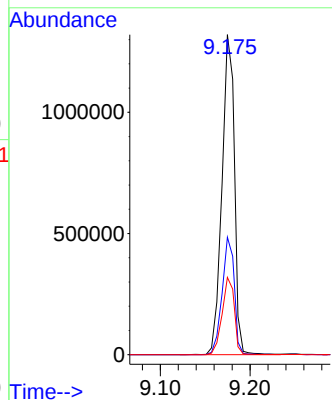
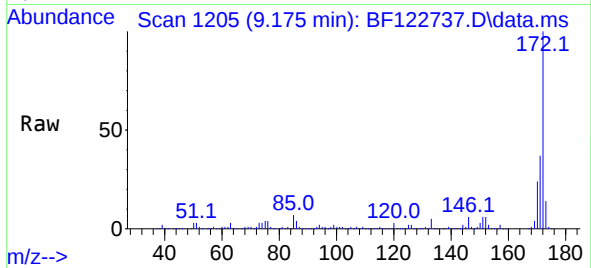




#45
2-Fluorobiphenyl
Concen: 77.38 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

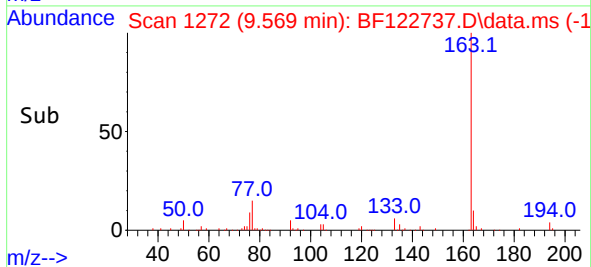
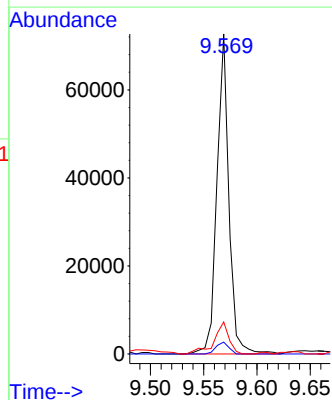
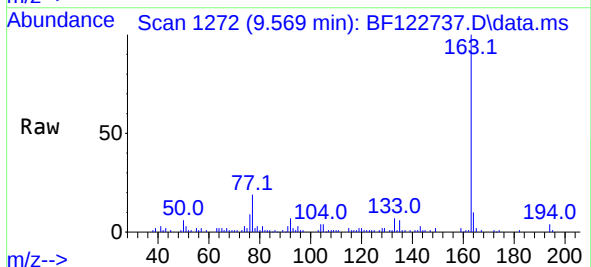
Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02

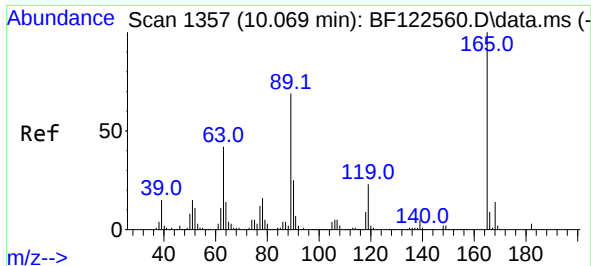
Tgt Ion:172 Resp: 1275579
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 3.18 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

Tgt Ion:163 Resp: 56558
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.0 8.1 12.1



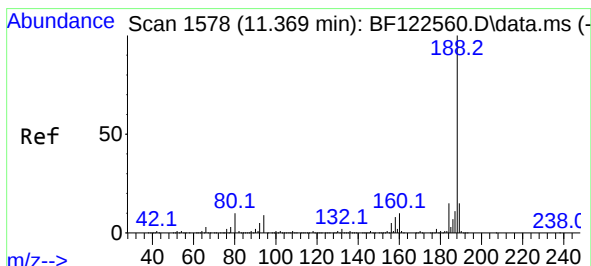
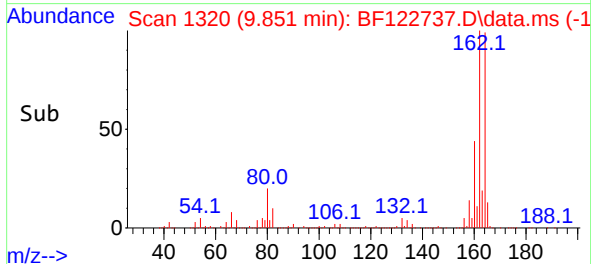
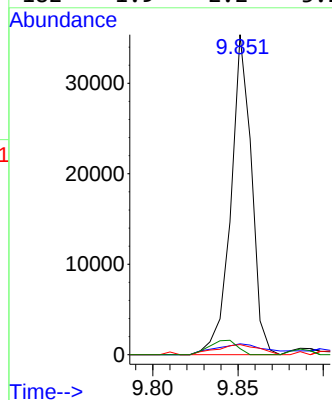
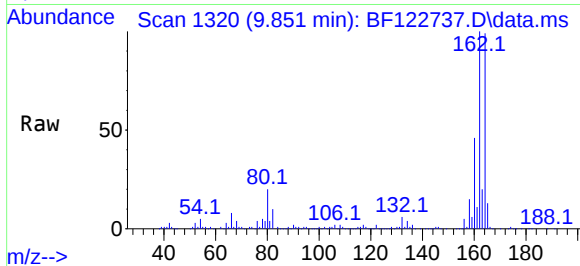


#57
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02

Tgt Ion:165 Resp: 29621

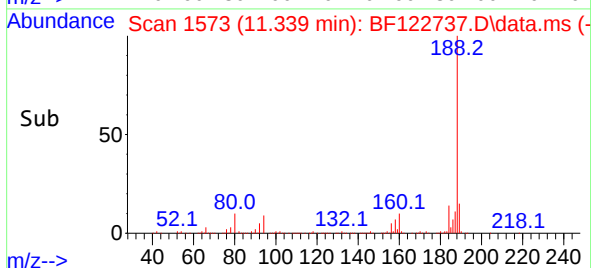
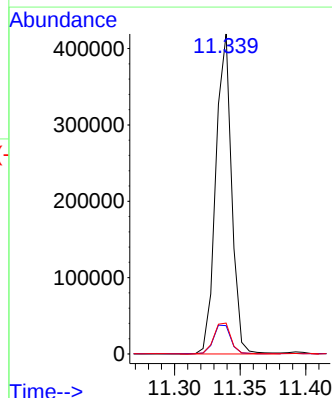
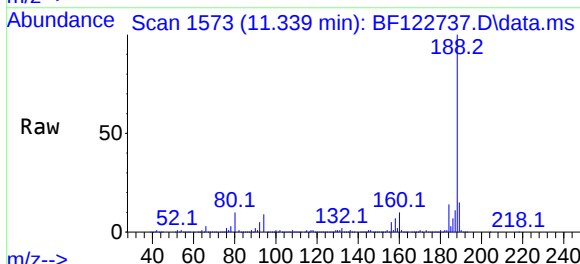
Ion	Ratio	Lower	Upper
165	100		
63	3.4	34.3	51.5#
89	3.2	55.2	82.8#
182	1.9	2.2	3.2#

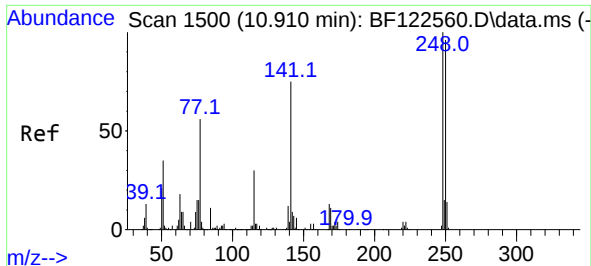


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

Tgt Ion:188 Resp: 351403

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.7	8.2	12.4

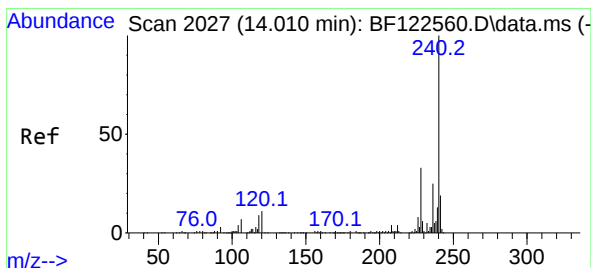
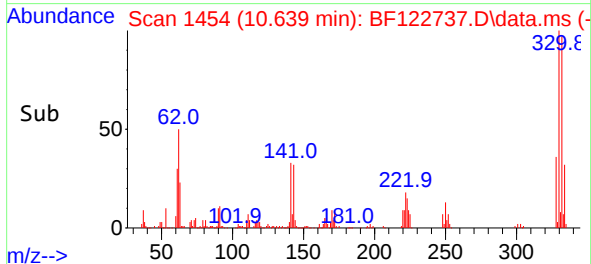
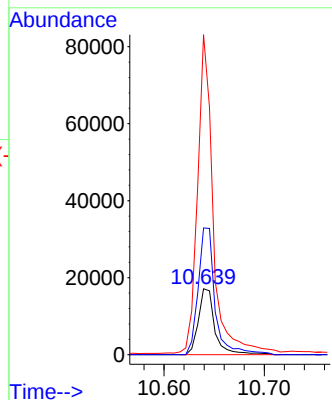
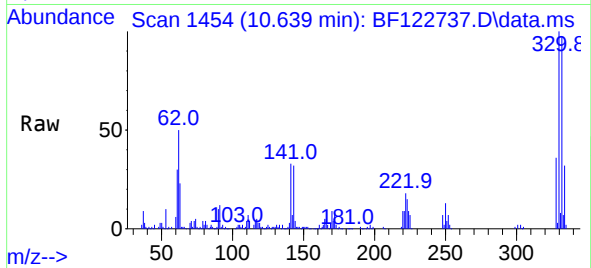




#67
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.253 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

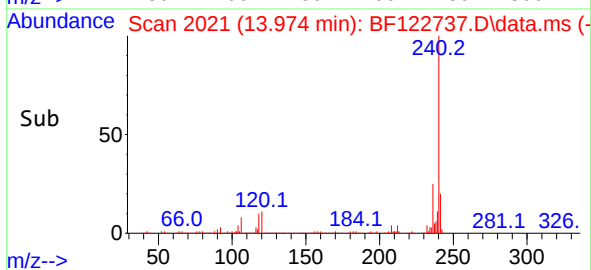
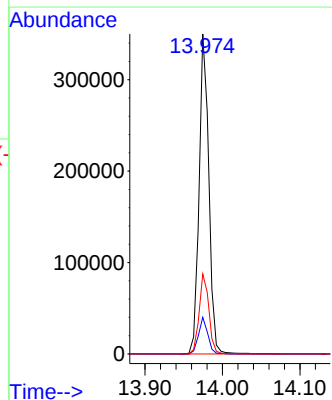
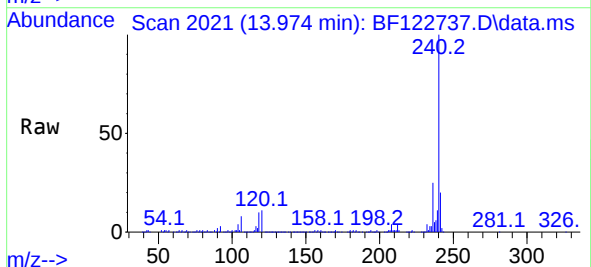
Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02

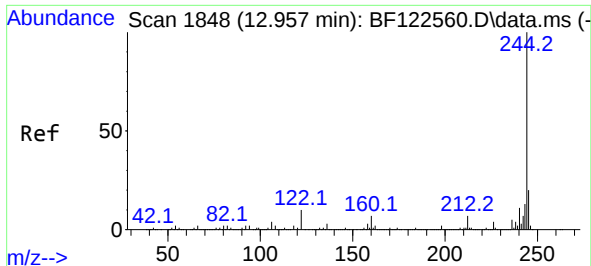
Tgt Ion:248 Resp: 19624
Ion Ratio Lower Upper
248 100
250 192.2 76.8 115.2#
141 485.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

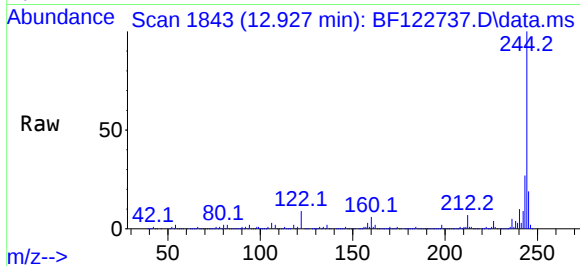
Tgt Ion:240 Resp: 303775
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.0 20.3 30.5



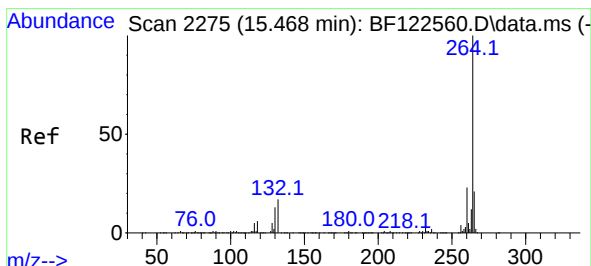
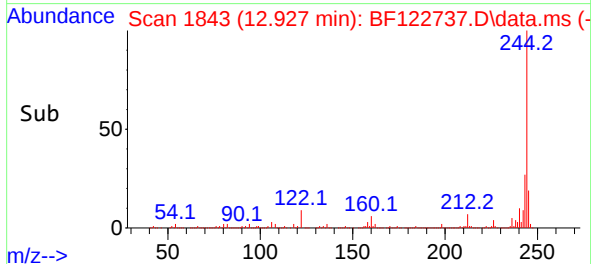
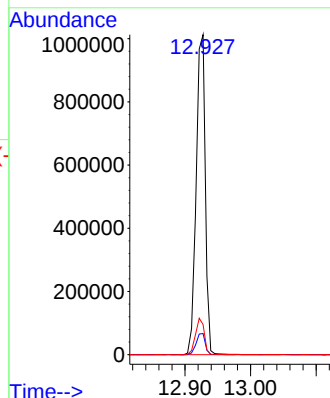


#79
Terphenyl-d14
Concen: 56.61 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122737.D
Acq: 16 Dec 2020 3:26

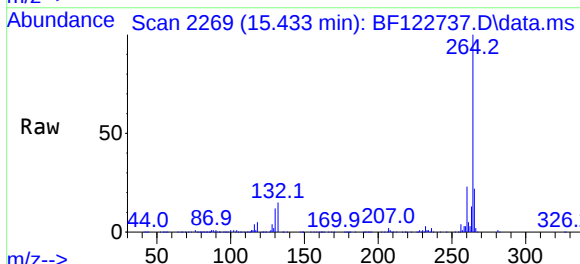
Instrument :
BNA_F
ClientSampleId :
JBD-WC-L-SB-02



Tgt Ion:244 Resp: 982385
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.4 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: BF122737.D
Acq: 16 Dec 2020 3:26



Tgt Ion:264 Resp: 327673
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.8 17.0 25.6

