

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132526.D
 Acq On : 23 Feb 2023 18:14
 Operator : CG\JU
 Sample : 01661-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-I1

Quant Time: Feb 24 00:39:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

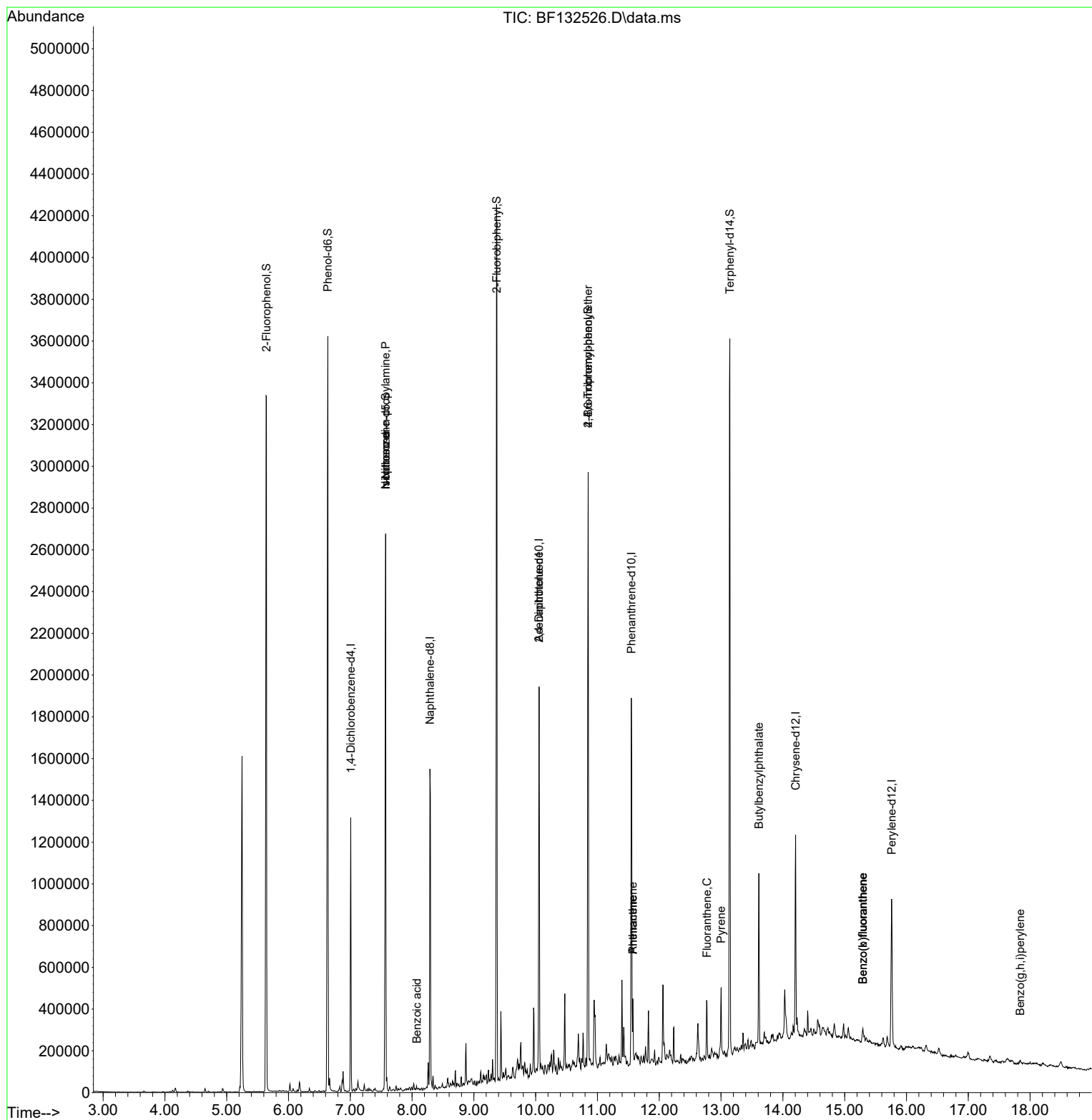
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	174058	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	653758	20.000	ng	-0.01
39) Acenaphthene-d10	10.054	164	354022	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	629791	20.000	ng	0.00
76) Chrysene-d12	14.207	240	313386	20.000	ng	-0.01
86) Perylene-d12	15.760	264	349856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	954466	88.997	ng	0.00
7) Phenol-d6	6.637	99	1261526	90.131	ng	0.00
23) Nitrobenzene-d5	7.572	82	847121	61.477	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	313324	81.951	ng	-0.01
45) 2-Fluorobiphenyl	9.372	172	1334791	57.410	ng	0.00
79) Terphenyl-d14	13.142	244	1224697	66.074	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.572	70	115560	13.415	ng	# 78
25) Isophorone	7.572	82	847101	32.065	ng	# 67
32) Benzoic acid	8.078	122	198	3.859	ng	# 30
57) 2,4-Dinitrotoluene	10.054	165	47266	6.052	ng	# 21
67) 4-Bromophenyl-phenylether	10.848	248	21272	2.986	ng	# 1
71) Phenanthrene	11.572	178	94979	2.911	ng	98
72) Anthracene	11.572	178	94979	2.827	ng	100
75) Fluoranthene	12.772	202	106422	2.984	ng	98
78) Pyrene	13.001	202	92726	3.254	ng	98
80) Butylbenzylphthalate	13.613	149	164601	14.639	ng	100
88) Benzo(b)fluoranthene	15.295	252	48321	2.061	ng	# 83
89) Benzo(k)fluoranthene	15.295	252	48321	2.106	ng	# 84
92) Benzo(g,h,i)perylene	17.842	276	16102	2.351	ng	98

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

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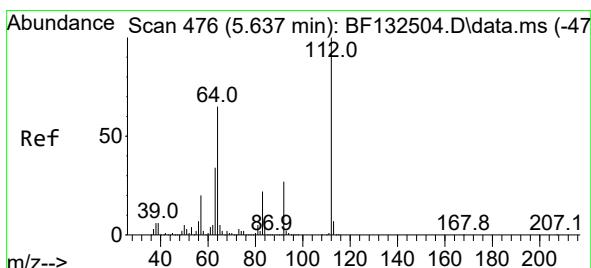
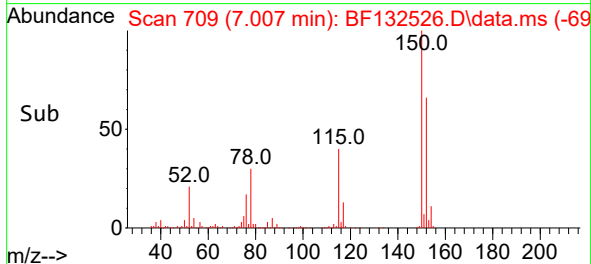
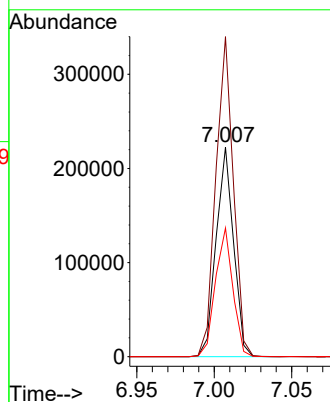
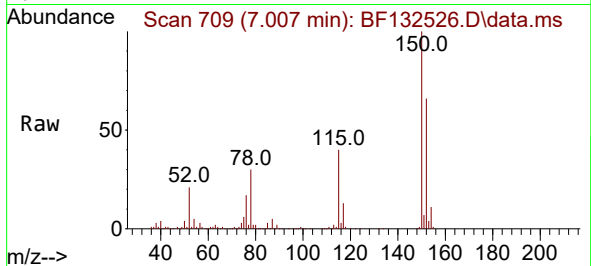




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

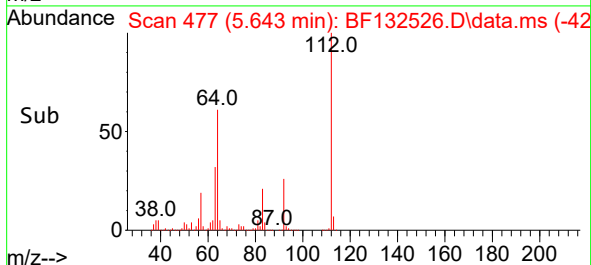
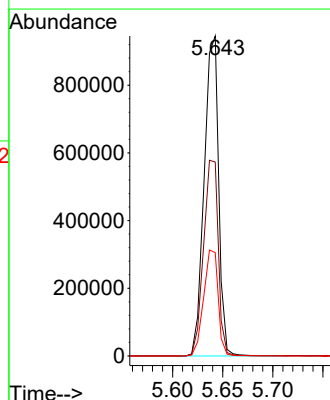
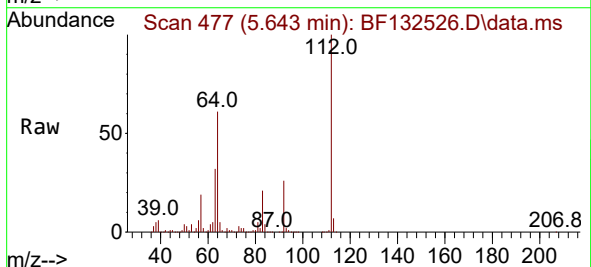
Instrument :
BNA_F
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WC-I1

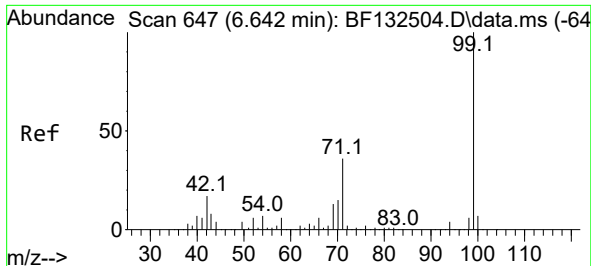
Tgt Ion:152 Resp: 174058
Ion Ratio Lower Upper
152 100
150 152.6 125.4 188.2
115 61.3 47.8 71.6



#5
2-Fluorophenol
Concen: 88.997 ng
RT: 5.643 min Scan# 477
Delta R.T. 0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:112 Resp: 954466
Ion Ratio Lower Upper
112 100
64 60.6 51.6 77.4
63 32.3 27.4 41.2

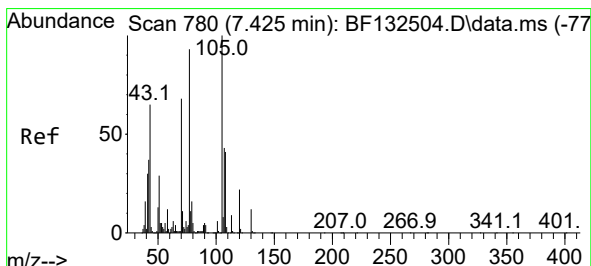
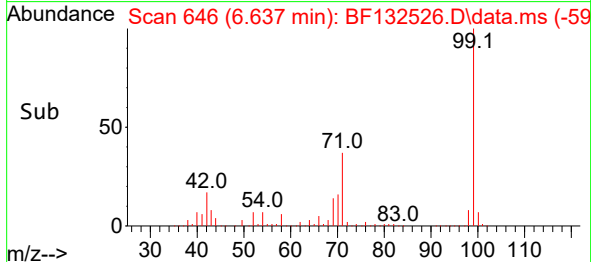
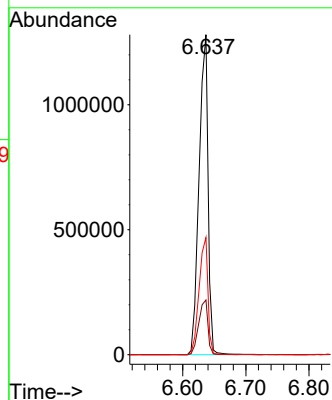
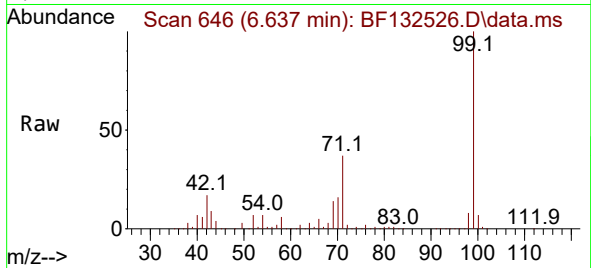




#7
Phenol-d6
Concen: 90.131 ng
RT: 6.637 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

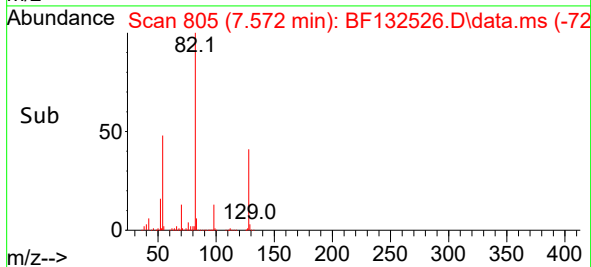
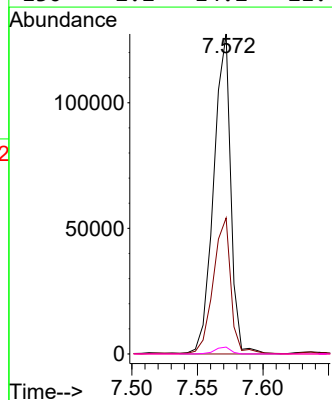
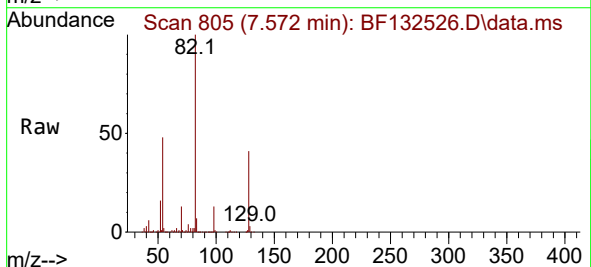
Instrument :
BNA_F
ClientSampleId :
WC-I1

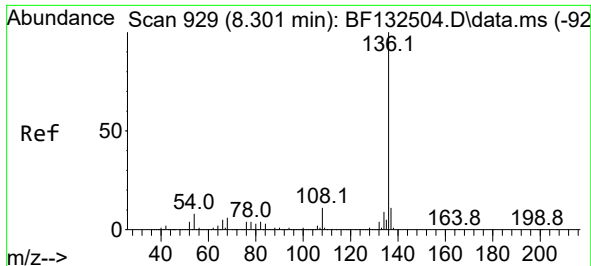
Tgt Ion: 99 Resp: 1261526
Ion Ratio Lower Upper
99 100
42 17.1 13.9 20.9
71 36.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.415 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.147 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion: 70 Resp: 115560
Ion Ratio Lower Upper
70 100
42 42.5 44.1 66.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#

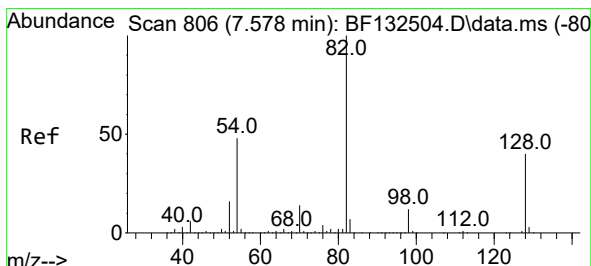
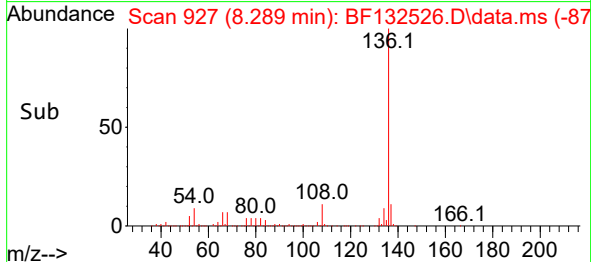
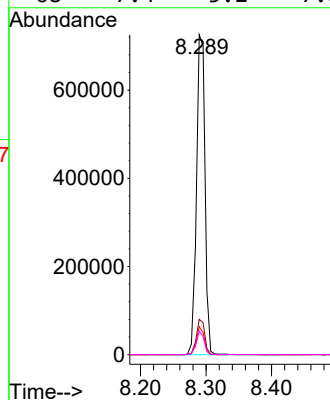
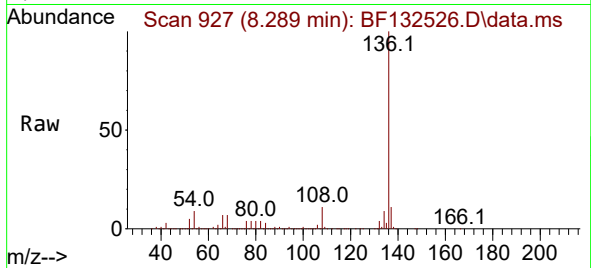




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

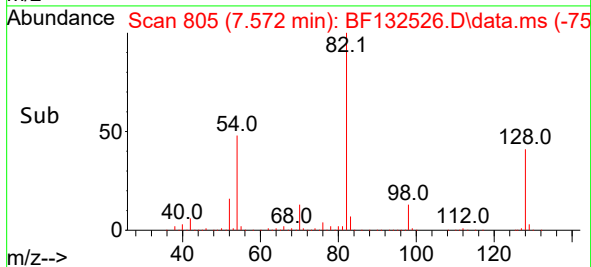
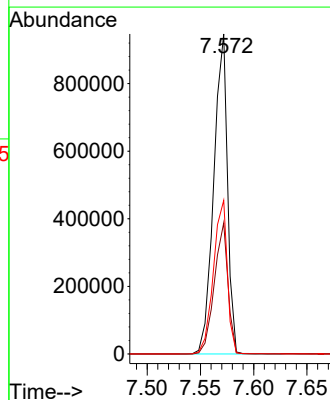
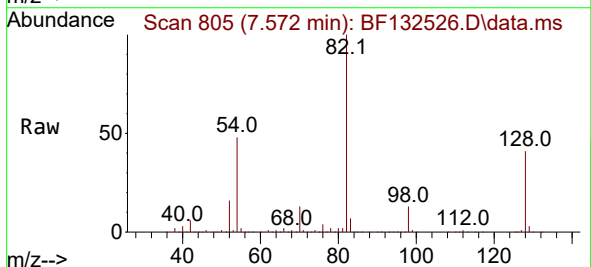
Instrument :
BNA_F
ClientSampleId :
WC-I1

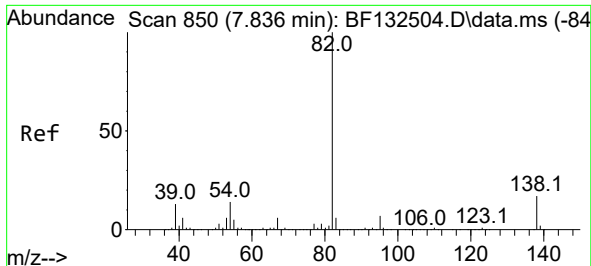
Tgt Ion:136 Resp: 653758
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.8 6.2 9.4
68 7.4 5.2 7.8



#23
Nitrobenzene-d5
Concen: 61.477 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion: 82 Resp: 847121
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.2
54 48.0 38.4 57.6

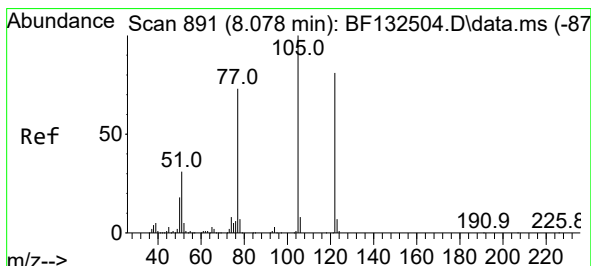
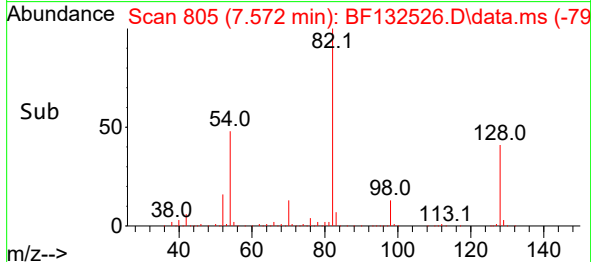
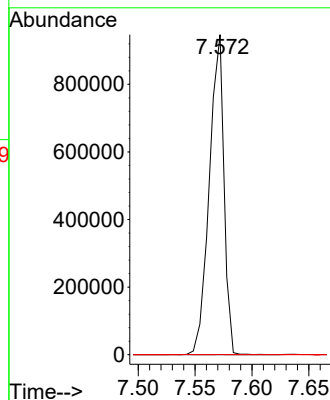
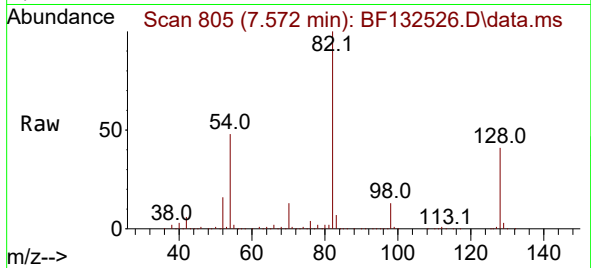




#25
Isophorone
Concen: 32.065 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.265 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

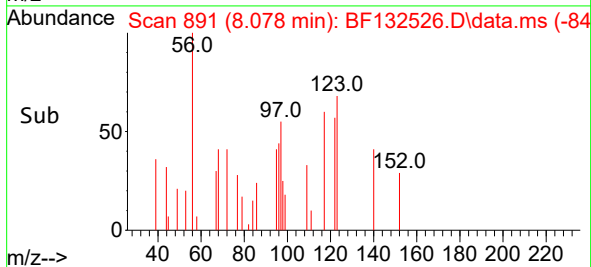
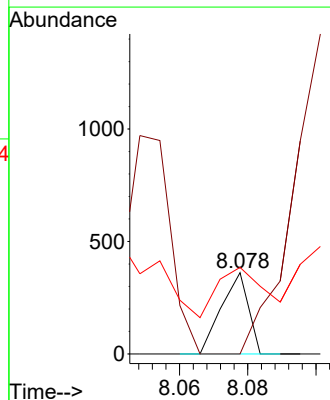
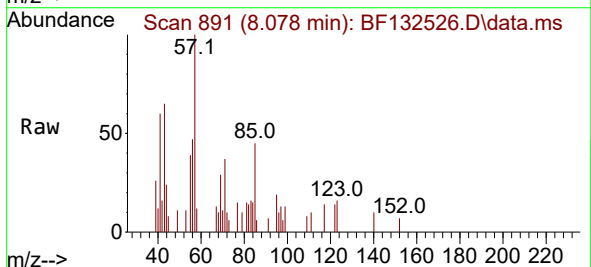
Instrument :
BNA_F
ClientSampleId :
WC-I1

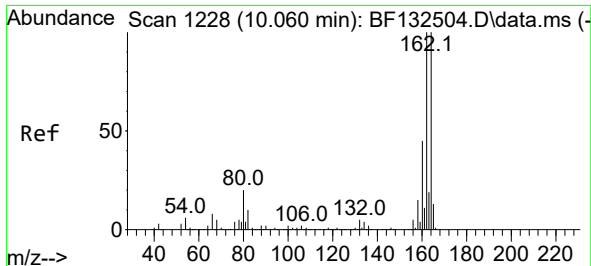
Tgt Ion: 82 Resp: 847101
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.859 ng
RT: 8.078 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion: 122 Resp: 198
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 106.6 70.2 110.2

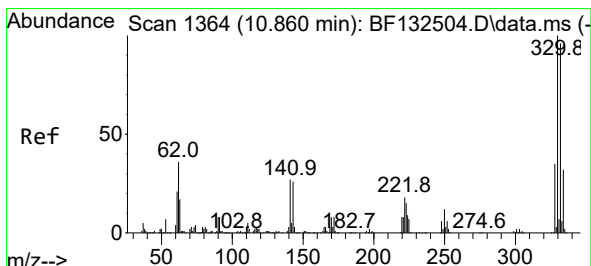
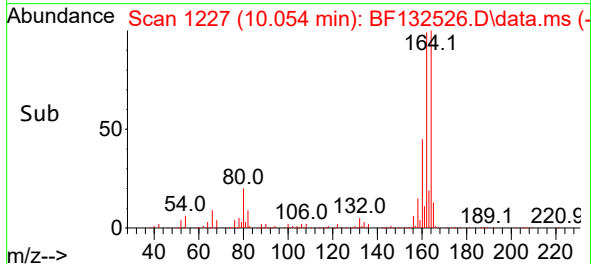
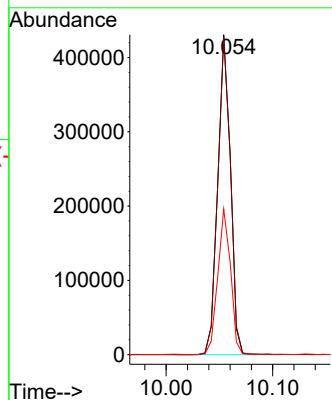
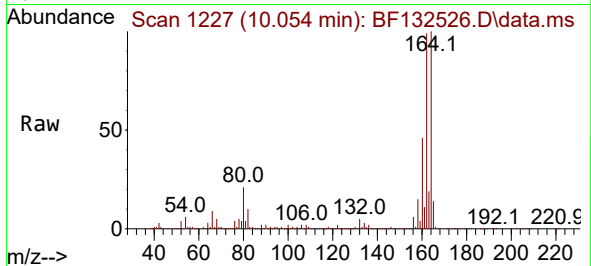




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

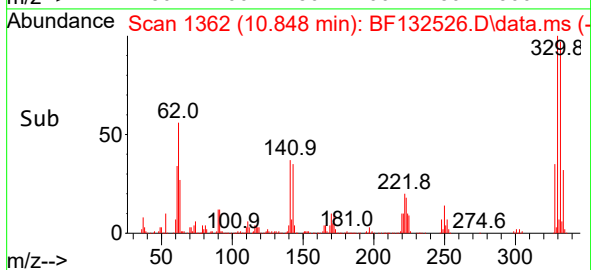
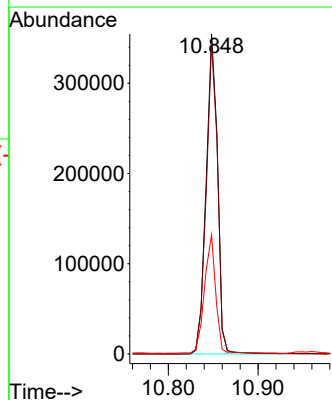
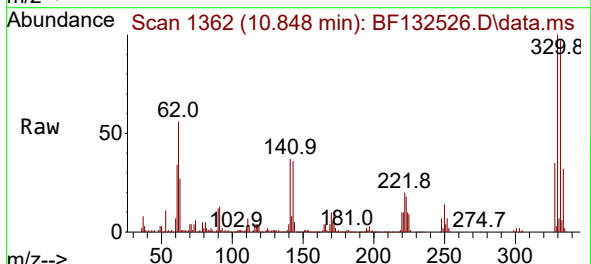
Instrument :
BNA_F
ClientSampleId :
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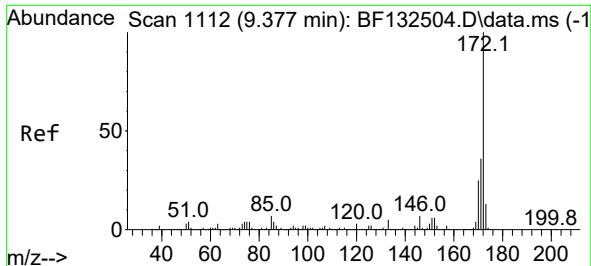
Tgt Ion:164 Resp: 354022
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 45.5 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 81.951 ng
RT: 10.848 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:330 Resp: 313324
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 36.7 28.4 42.6

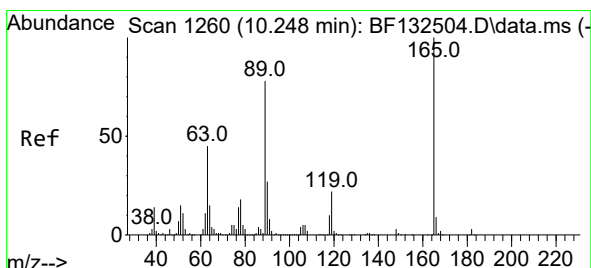
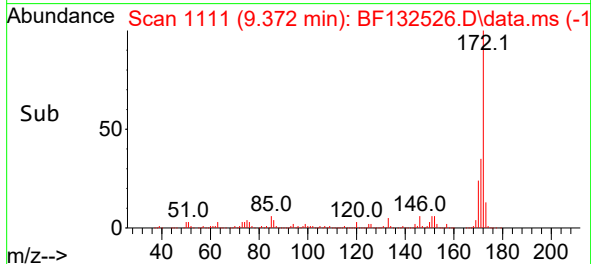
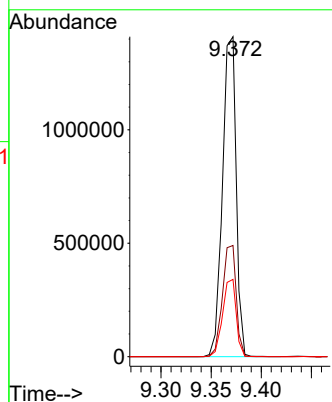
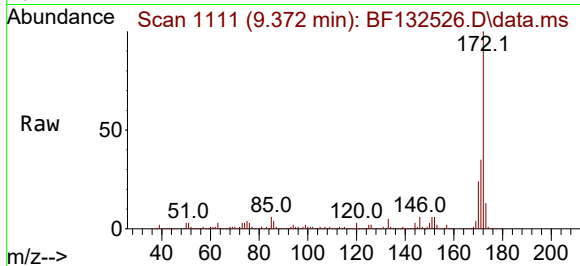




#45
2-Fluorobiphenyl
Concen: 57.410 ng
RT: 9.372 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

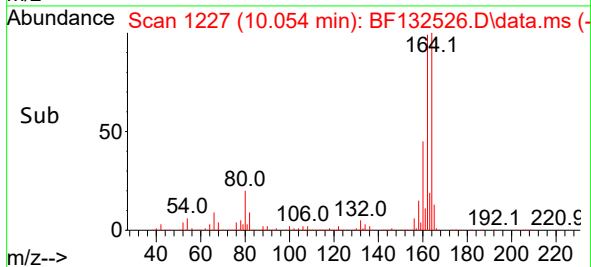
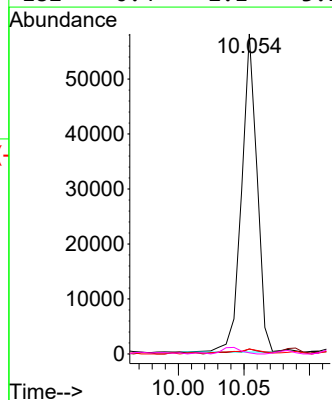
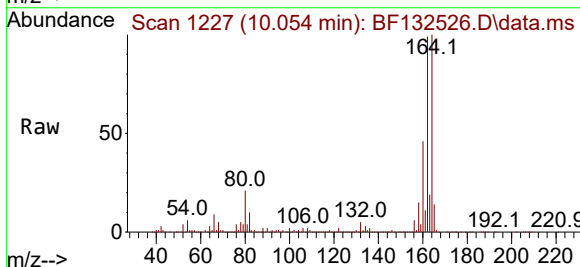
Instrument :
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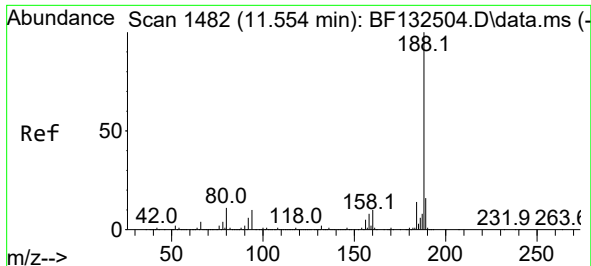
Tgt Ion:172 Resp: 1334791
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 24.2 19.7 29.5



#57
2,4-Dinitrotoluene
Concen: 6.052 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.194 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:165 Resp: 47266
Ion Ratio Lower Upper
165 100
63 1.6 36.5 54.7#
89 1.6 62.4 93.6#
182 0.4 2.1 3.1#

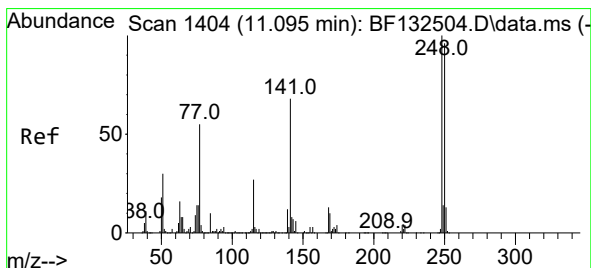
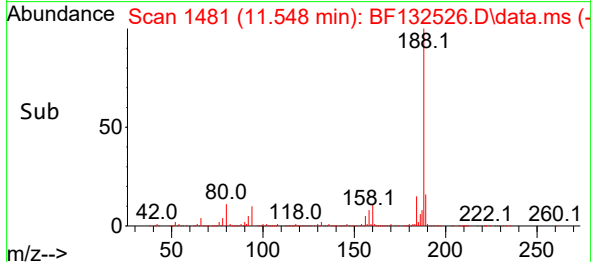
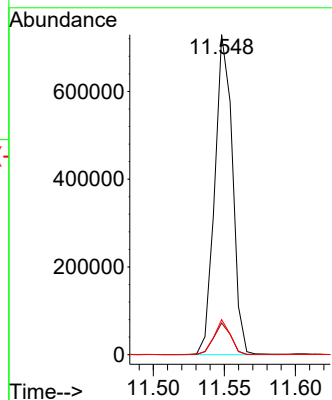
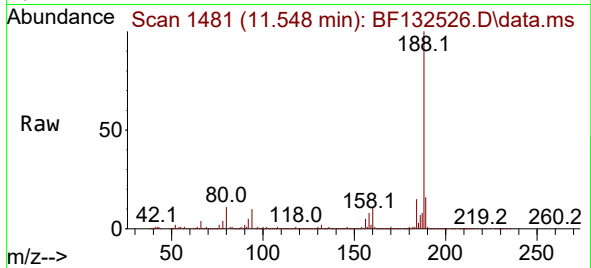




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

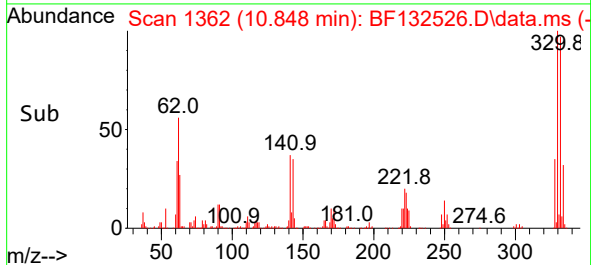
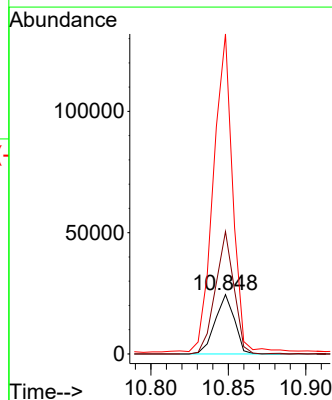
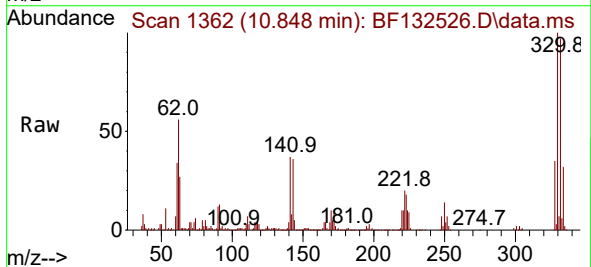
Instrument :
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ClientSampleId :
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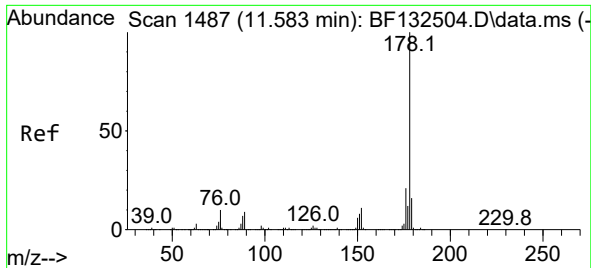
Tgt Ion:188 Resp: 629791
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.9 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.986 ng
RT: 10.848 min Scan# 1362
Delta R.T. -0.247 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:248 Resp: 21272
Ion Ratio Lower Upper
248 100
250 206.1 77.0 115.4#
141 538.8 54.2 81.2#

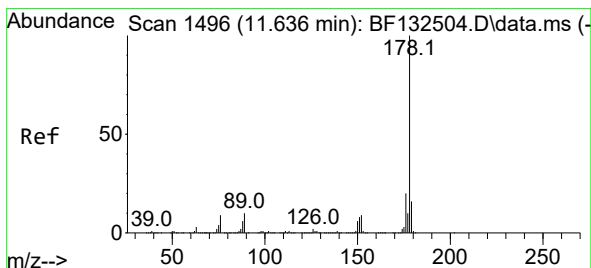
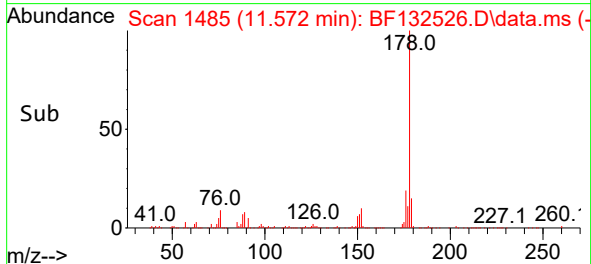
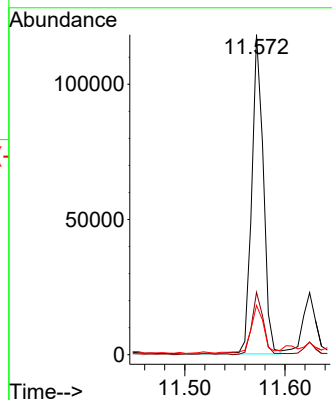
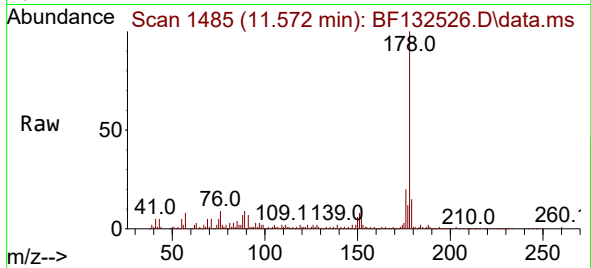




#71
Phenanthrene
Concen: 2.911 ng
RT: 11.572 min Scan# 1485
Delta R.T. -0.012 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

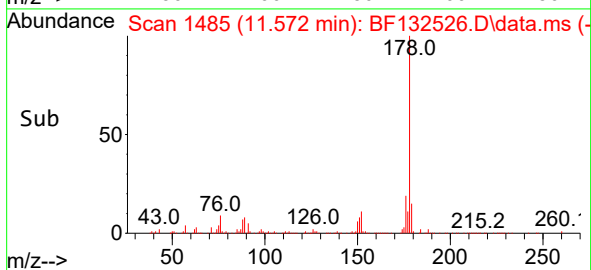
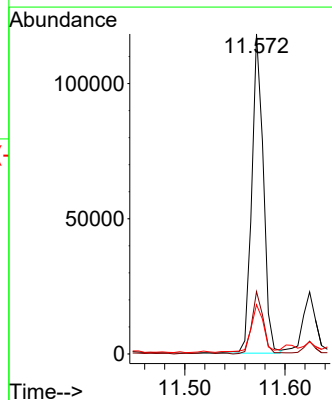
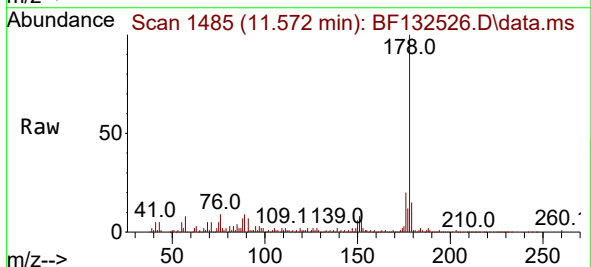
Instrument :
BNA_F
ClientSampleId :
WC-I1

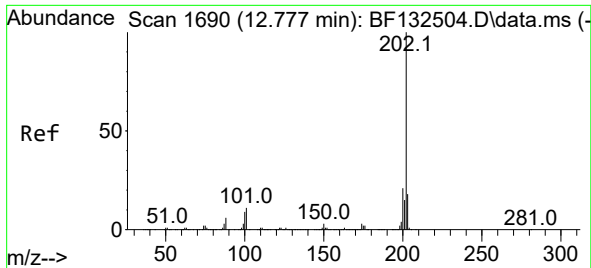
Tgt Ion:178 Resp: 94979
Ion Ratio Lower Upper
178 100
176 19.5 16.5 24.7
179 15.4 13.0 19.6



#72
Anthracene
Concen: 2.827 ng
RT: 11.572 min Scan# 1485
Delta R.T. -0.065 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:178 Resp: 94979
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.4 12.5 18.7

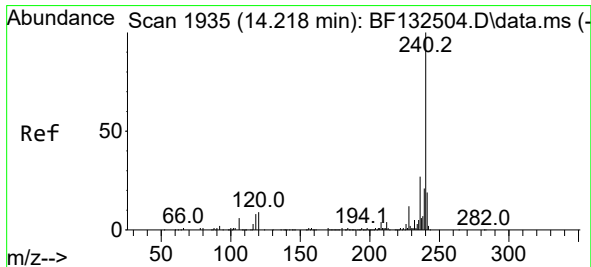
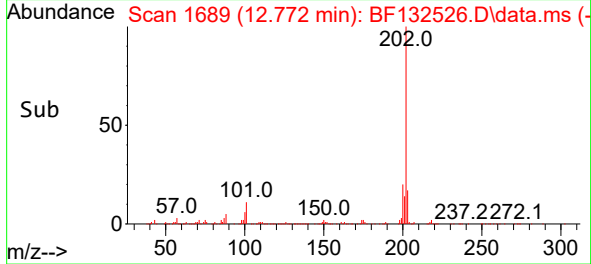
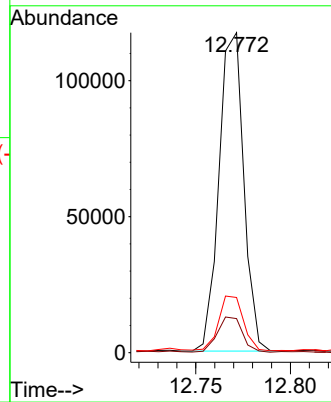
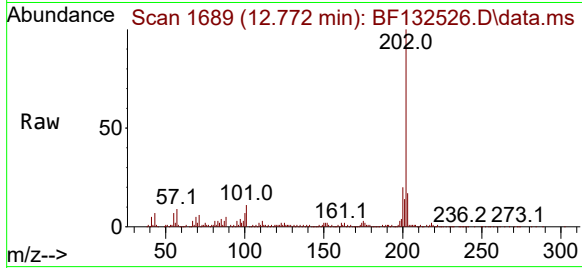




#75
Fluoranthene
Concen: 2.984 ng
RT: 12.772 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

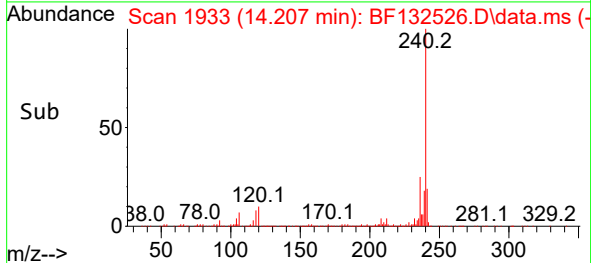
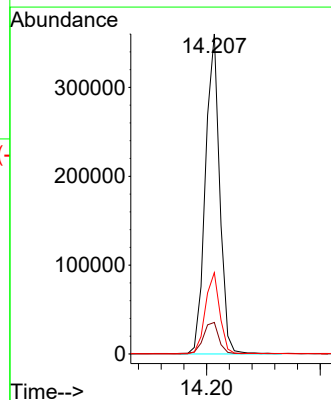
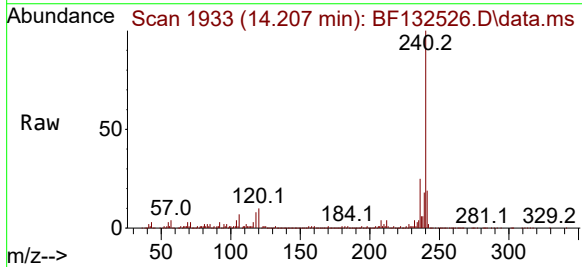
Instrument :
BNA_F
ClientSampleId :
WC-I1

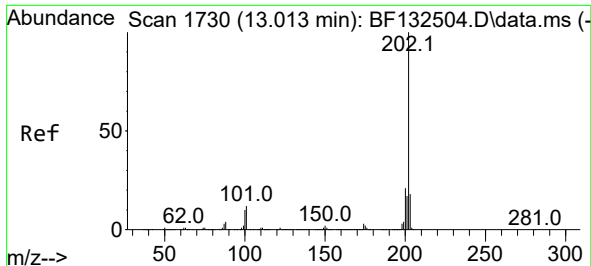
Tgt Ion:202 Resp: 106422
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:240 Resp: 313386
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 25.4 21.8 32.6

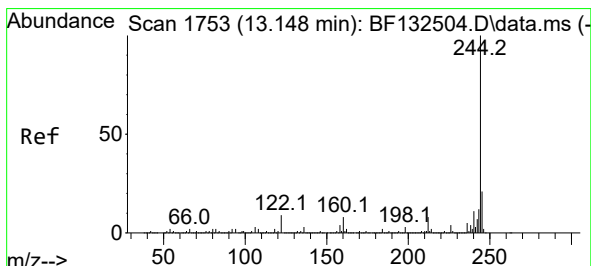
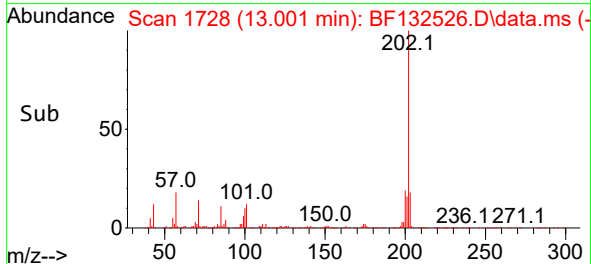
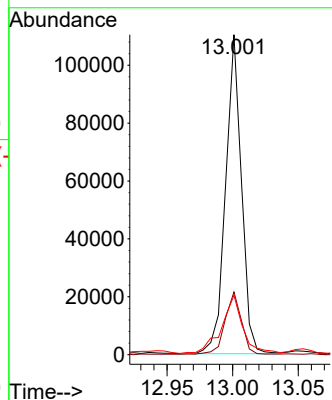
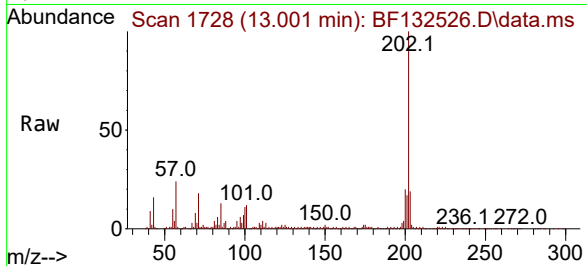




#78
Pyrene
Concen: 3.254 ng
RT: 13.001 min Scan# 1728
Delta R.T. -0.012 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

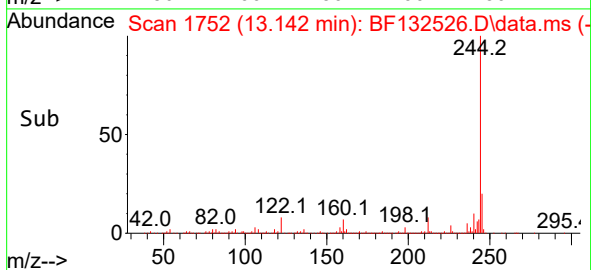
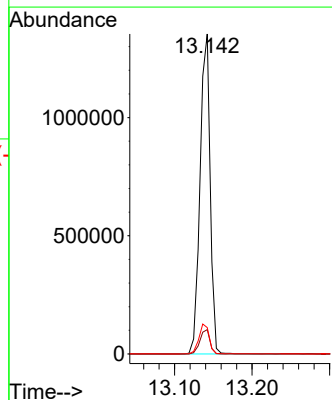
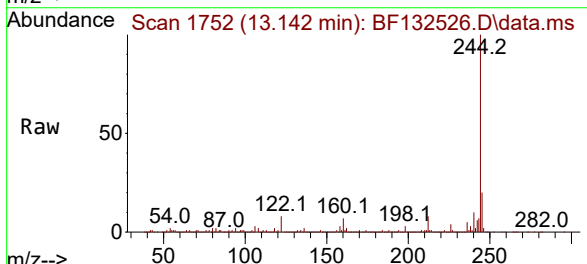
Instrument :
BNA_F
ClientSampleId :
WC-I1

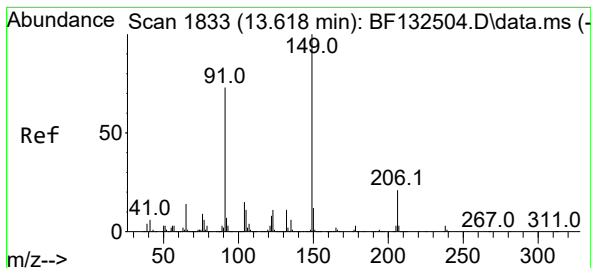
Tgt Ion:202 Resp: 92726
Ion Ratio Lower Upper
202 100
200 19.6 17.1 25.7
203 18.6 14.6 21.8



#79
Terphenyl-d14
Concen: 66.074 ng
RT: 13.142 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:244 Resp: 1224697
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 8.2 7.5 11.3





#80

Butylbenzylphthalate

Concen: 14.639 ng

RT: 13.613 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF132526.D

Acq: 23 Feb 2023 18:14

Instrument :

BNA_F

ClientSampleId :

WC-I1

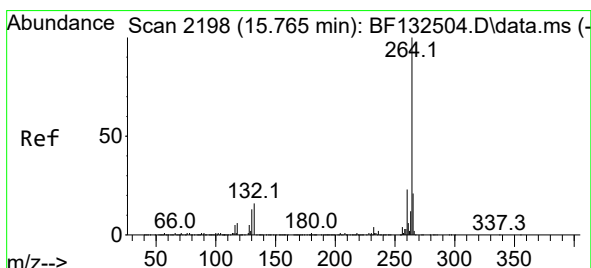
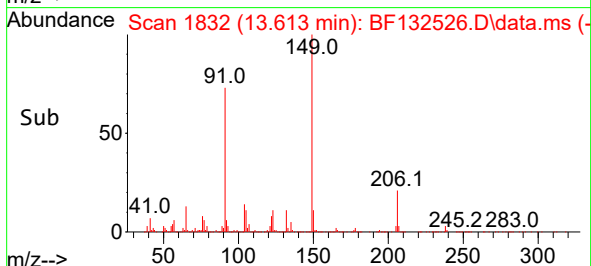
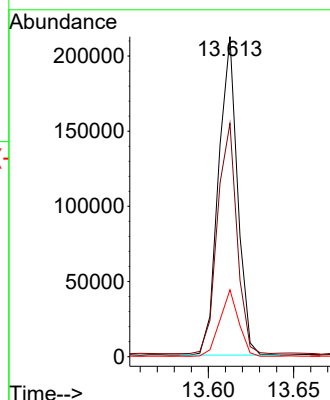
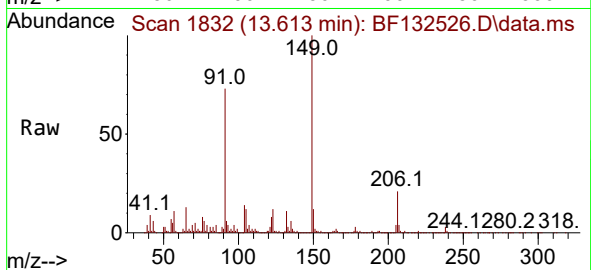
Tgt Ion:149 Resp: 164601

Ion Ratio Lower Upper

149 100

91 72.9 58.4 87.6

206 20.9 16.8 25.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.760 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF132526.D

Acq: 23 Feb 2023 18:14

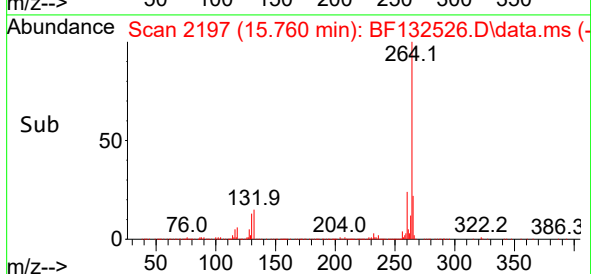
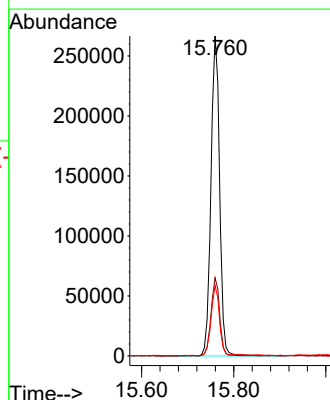
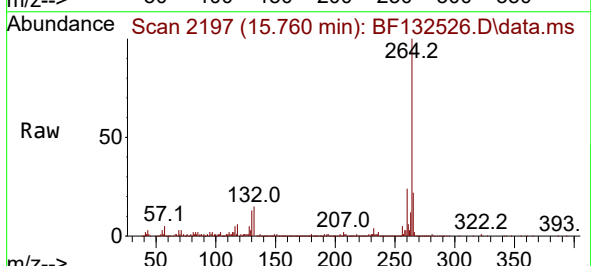
Tgt Ion:264 Resp: 349856

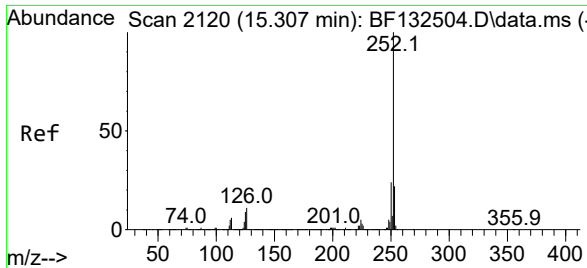
Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.0 17.1 25.7

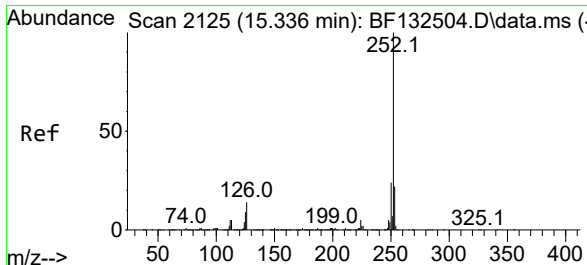
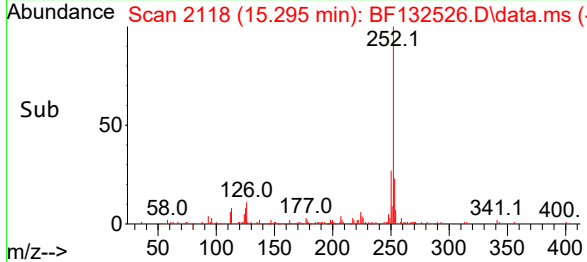
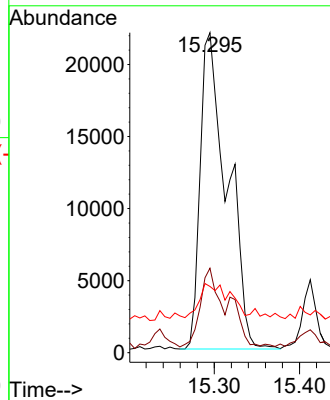
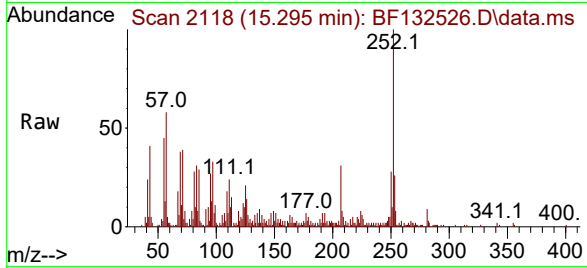




#88
Benzo(b)fluoranthene
Concen: 2.061 ng
RT: 15.295 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

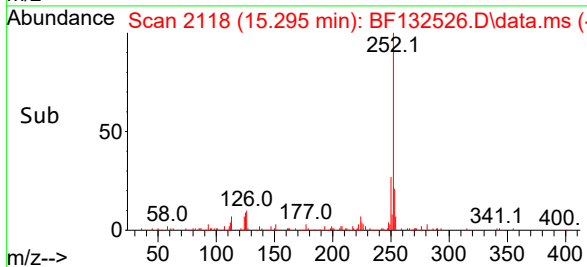
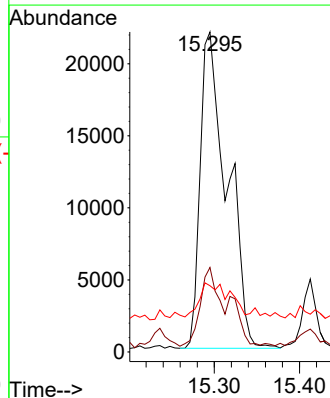
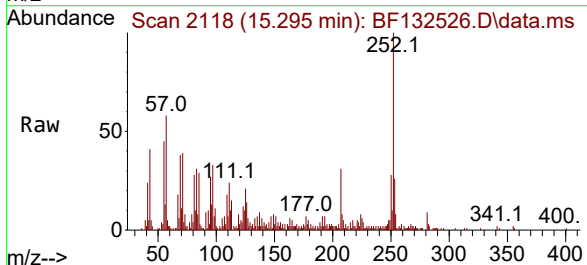
Instrument :
BNA_F
ClientSampleId :
WC-I1

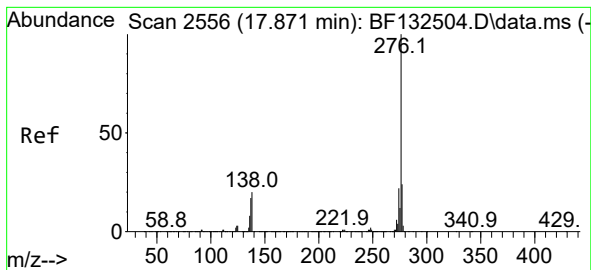
Tgt Ion:252 Resp: 48321
Ion Ratio Lower Upper
252 100
253 26.4 17.4 26.0#
125 20.7 7.0 10.6#



#89
Benzo(k)fluoranthene
Concen: 2.106 ng
RT: 15.295 min Scan# 2118
Delta R.T. -0.041 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:252 Resp: 48321
Ion Ratio Lower Upper
252 100
253 26.4 17.5 26.3#
125 20.7 7.2 10.8#





#92

Benzo(g,h,i)perylene

Concen: 2.351 ng

RT: 17.842 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF132526.D

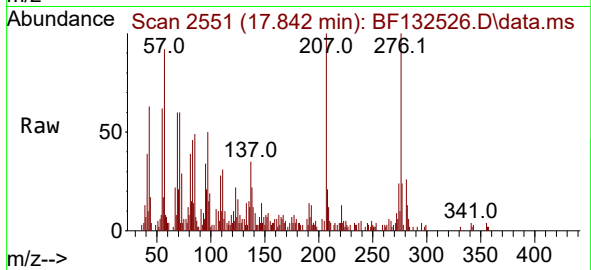
Acq: 23 Feb 2023 18:14

Instrument :

BNA_F

ClientSampleId :

WC-I1



Tgt Ion:276 Resp: 16102

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 21.8 16.2 24.4

