

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132527.D
 Acq On : 23 Feb 2023 18:46
 Operator : CG\JU
 Sample : 01662-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-E2

Quant Time: Feb 24 00:39:25 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)

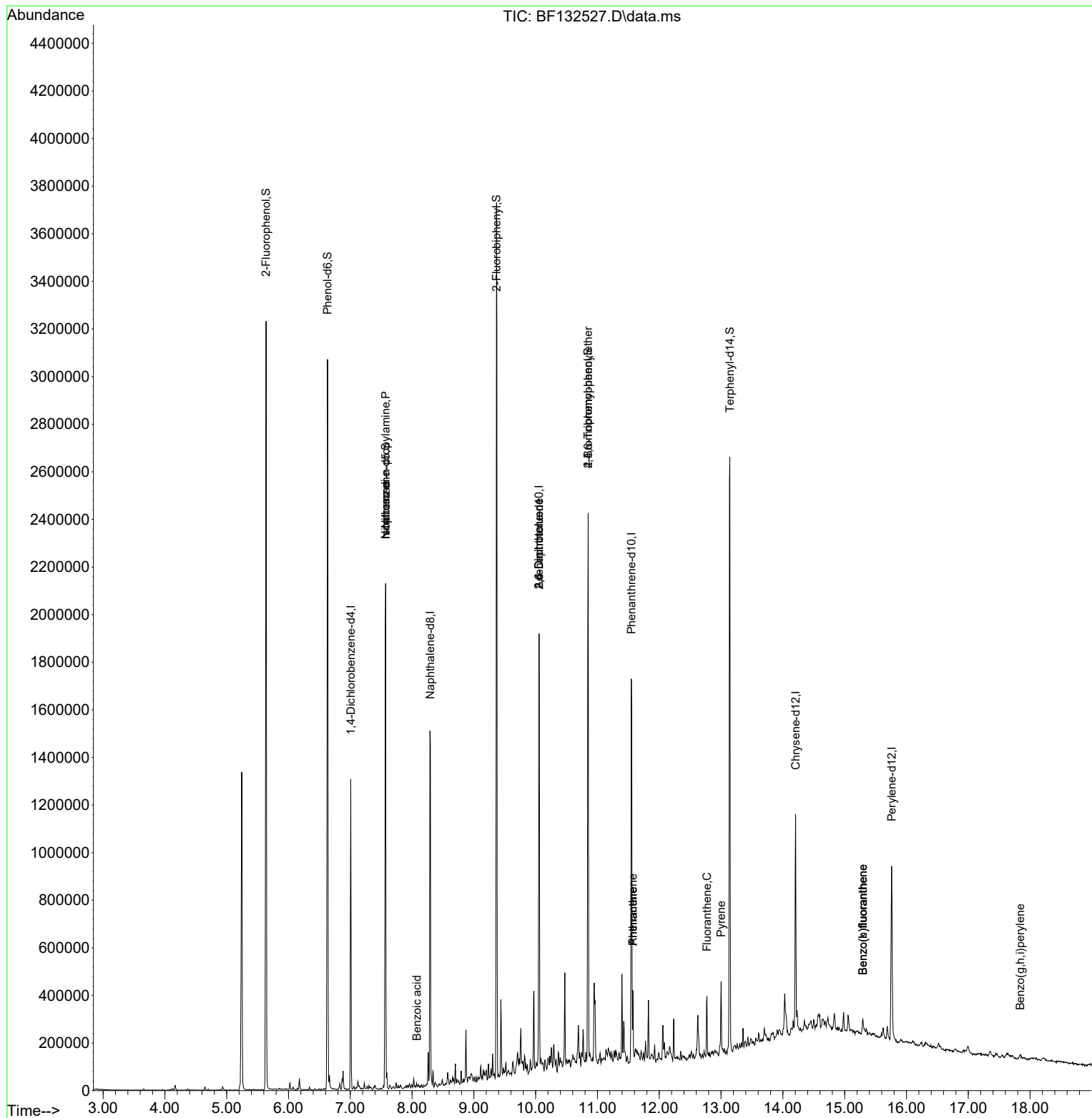
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	172058	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	638338	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	342849	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	605936	20.000	ng	0.00
76) Chrysene-d12	14.207	240	298381	20.000	ng	-0.01
86) Perylene-d12	15.760	264	354350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	801082	75.564	ng	0.00
7) Phenol-d6	6.631	99	1063097	76.837	ng	-0.01
23) Nitrobenzene-d5	7.572	82	702326	52.200	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	248257	67.049	ng	-0.01
45) 2-Fluorobiphenyl	9.366	172	1091911	48.494	ng	-0.01
79) Terphenyl-d14	13.142	244	929361	52.661	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.572	70	94216	11.065	ng	# 78
25) Isophorone	7.572	82	700732	27.165	ng	# 67
32) Benzoic acid	8.078	122	57	3.843	ng	# 1
51) 2,6-Dinitrotoluene	10.054	165	45643	8.028	ng	# 23
57) 2,4-Dinitrotoluene	10.054	165	45643	6.035	ng	# 21
67) 4-Bromophenyl-phenylether	10.848	248	16639	2.428	ng	# 1
71) Phenanthrene	11.572	178	89338	2.846	ng	97
72) Anthracene	11.572	178	89338	2.764	ng	99
75) Fluoranthene	12.772	202	92678	2.701	ng	98
78) Pyrene	13.001	202	83362	3.073	ng	99
88) Benzo(b)fluoranthene	15.295	252	49763	2.096	ng	# 86
89) Benzo(k)fluoranthene	15.295	252	49763	2.141	ng	# 87
92) Benzo(g,h,i)perylene	17.842	276	16250	2.349	ng	99

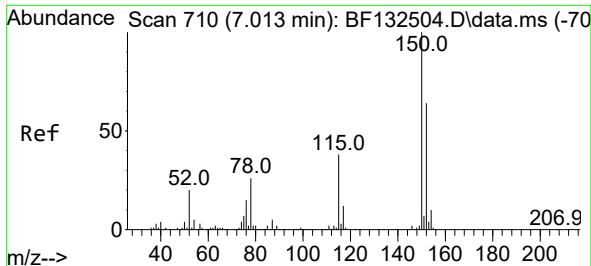
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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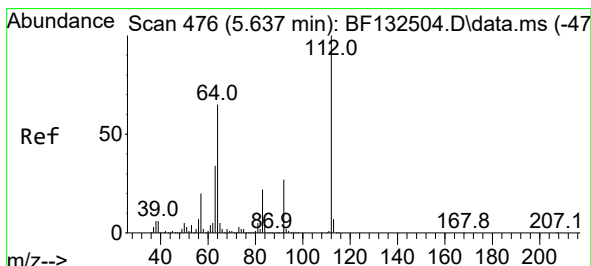
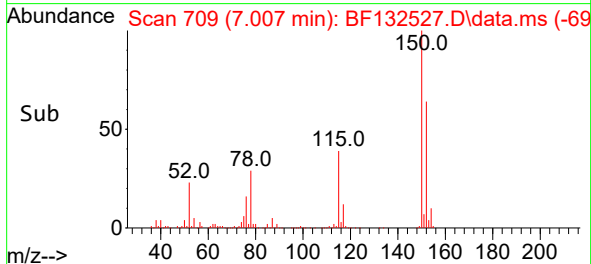
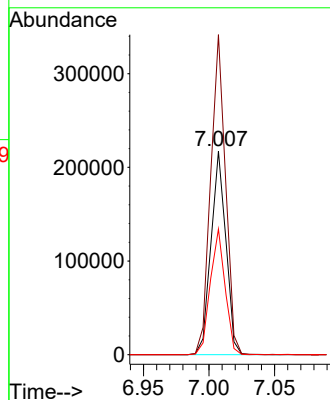
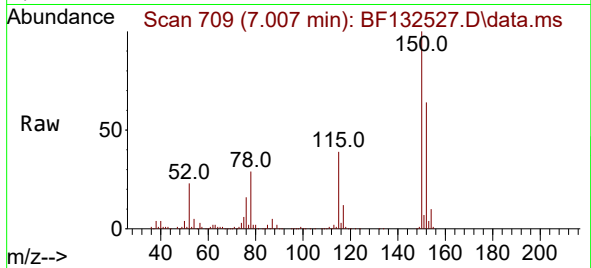




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

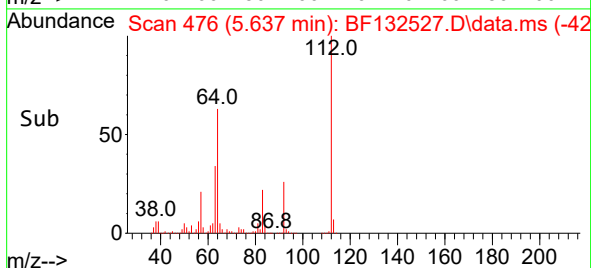
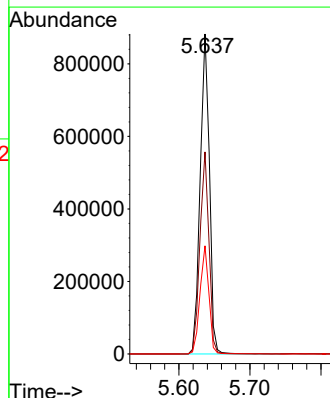
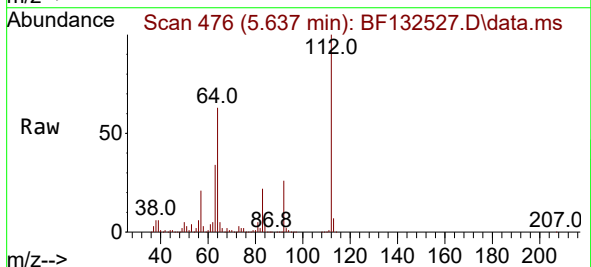
Instrument :
BNA_F
ClientSampleId :
WC-E2

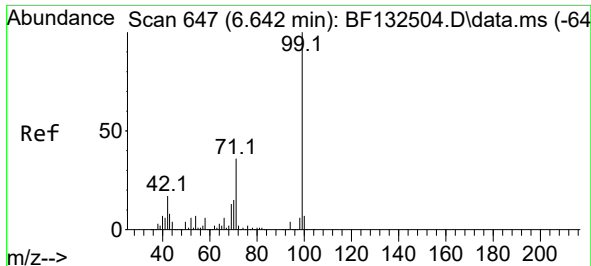
Tgt Ion:152 Resp: 172058
Ion Ratio Lower Upper
152 100
150 157.2 125.4 188.2
115 61.7 47.8 71.6



#5
2-Fluorophenol
Concen: 75.564 ng
RT: 5.637 min Scan# 476
Delta R.T. 0.000 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

Tgt Ion:112 Resp: 801082
Ion Ratio Lower Upper
112 100
64 63.2 51.6 77.4
63 33.8 27.4 41.2

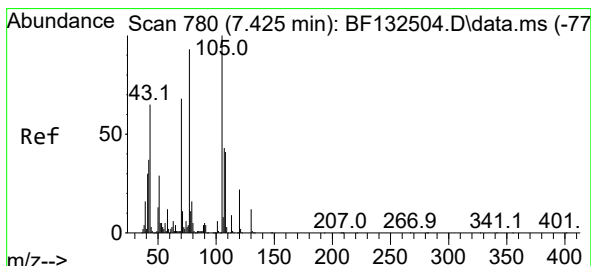
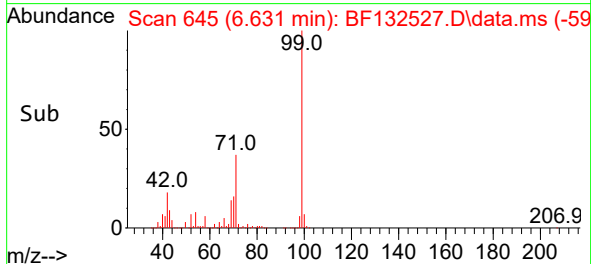
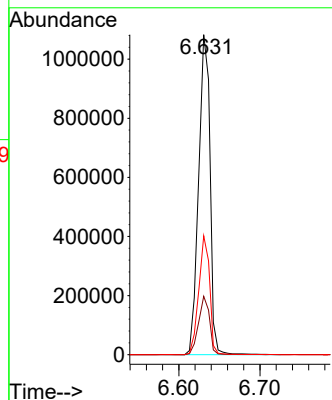
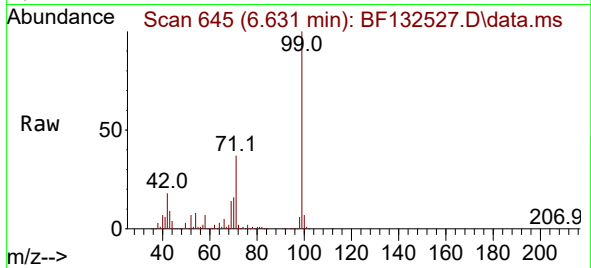




#7
Phenol-d6
Concen: 76.837 ng
RT: 6.631 min Scan# 64
Delta R.T. -0.012 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

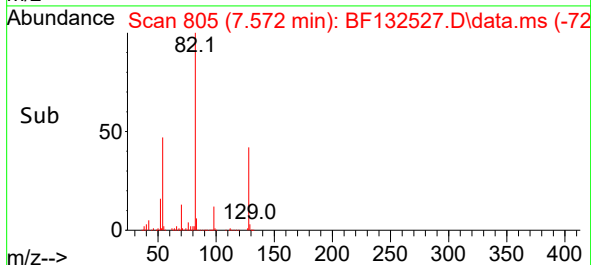
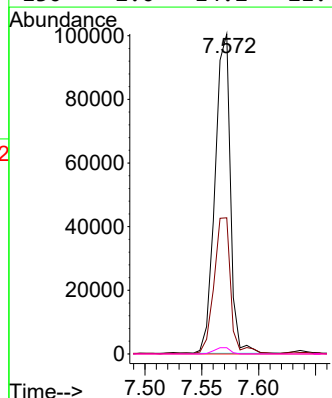
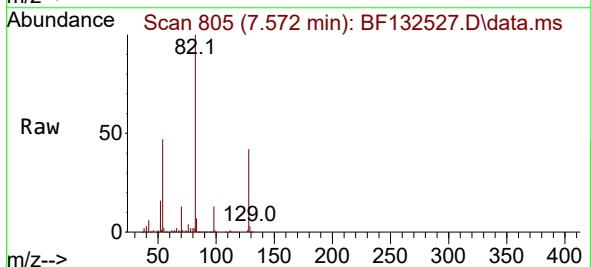
Instrument :
BNA_F
ClientSampleId :
WC-E2

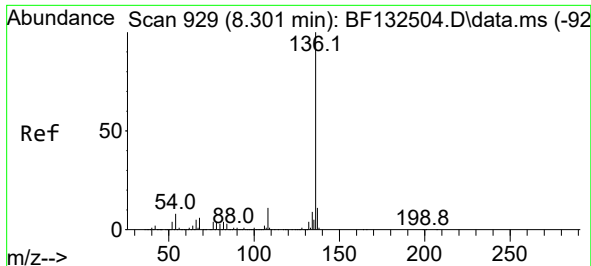
Tgt Ion: 99 Resp: 1063097
Ion Ratio Lower Upper
99 100
42 18.2 13.9 20.9
71 37.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.065 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.147 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

Tgt Ion: 70 Resp: 94216
Ion Ratio Lower Upper
70 100
42 42.5 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

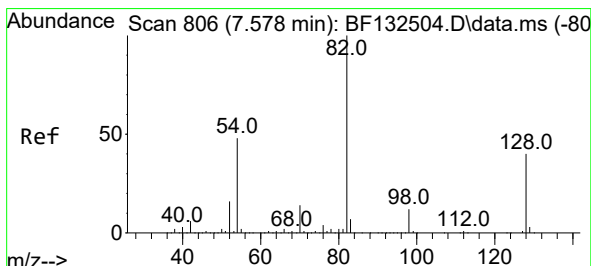
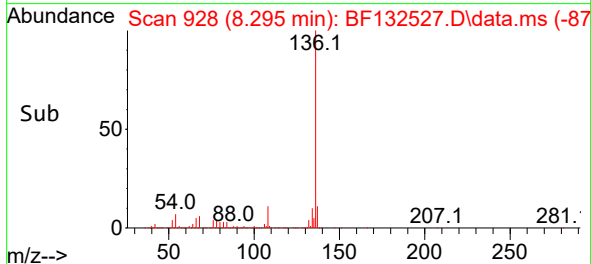
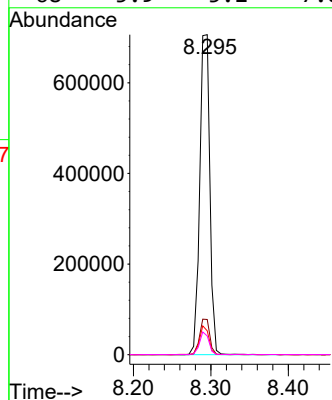
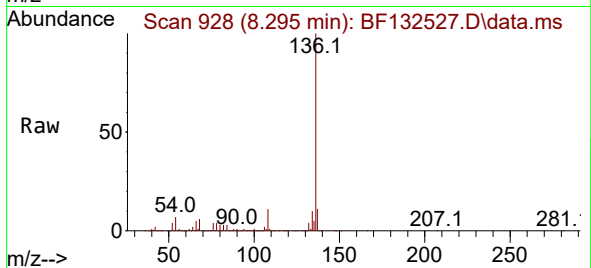




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

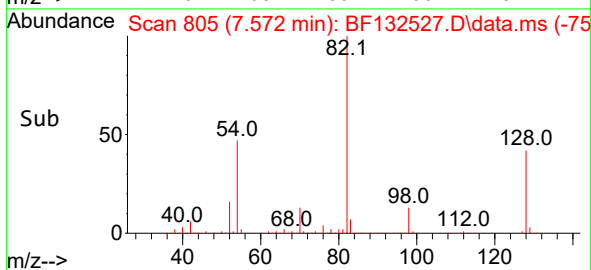
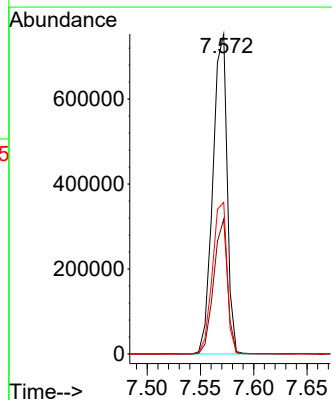
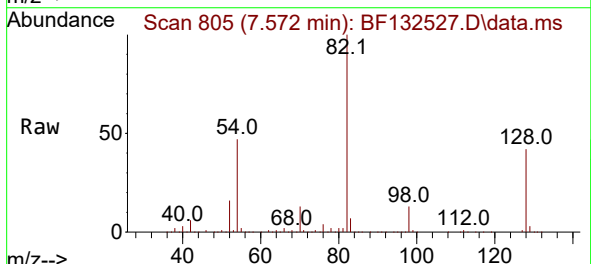
Instrument :
BNA_F
ClientSampleId :
WC-E2

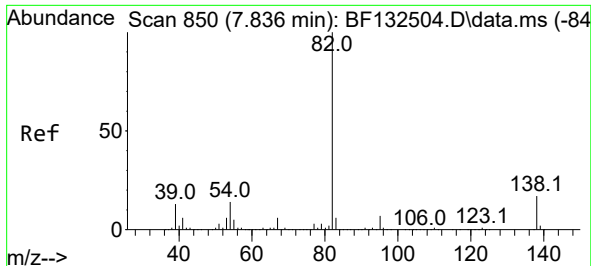
Tgt Ion:136 Resp: 638338
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 6.2 9.4
68 5.9 5.2 7.8



#23
Nitrobenzene-d5
Concen: 52.200 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

Tgt Ion: 82 Resp: 702326
Ion Ratio Lower Upper
82 100
128 42.1 32.2 48.2
54 47.4 38.4 57.6

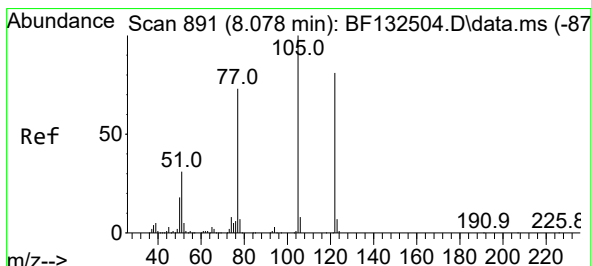
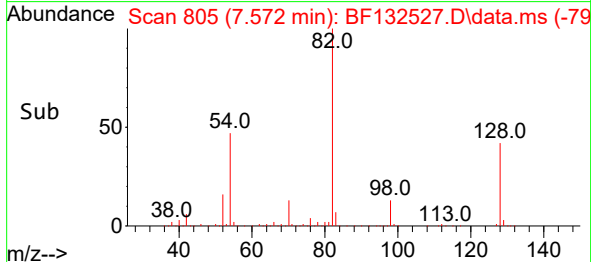
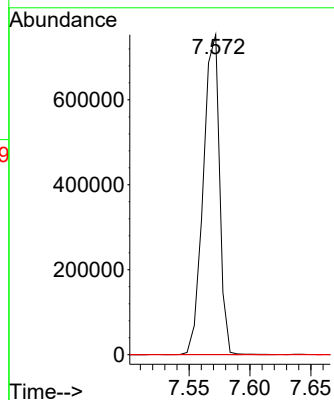
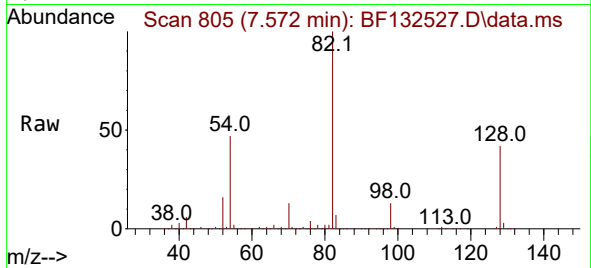




#25
Isophorone
Concen: 27.165 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.265 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

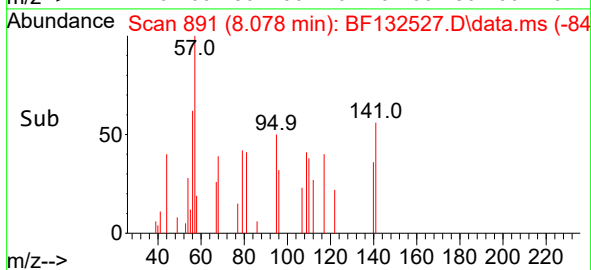
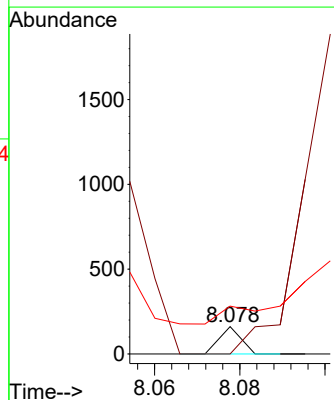
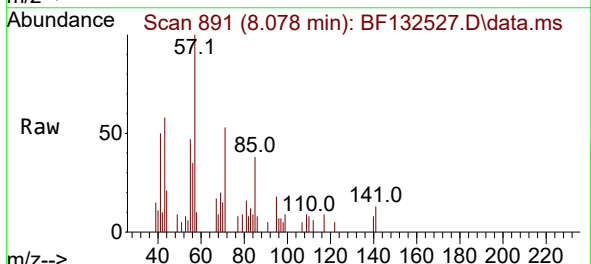
Instrument :
BNA_F
ClientSampleId :
WC-E2

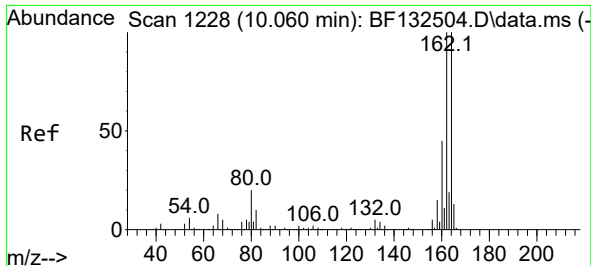
Tgt Ion: 82 Resp: 700732
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.843 ng
RT: 8.078 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 175.2 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.054 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132527.D

Acq: 23 Feb 2023 18:46

Instrument :

BNA_F

ClientSampleId :

WC-E2

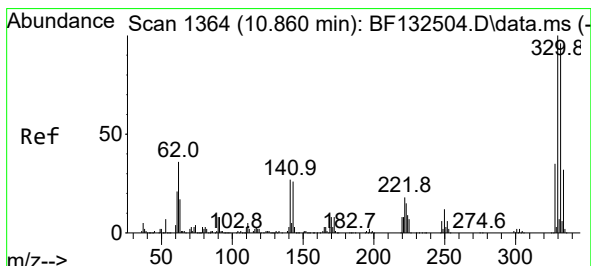
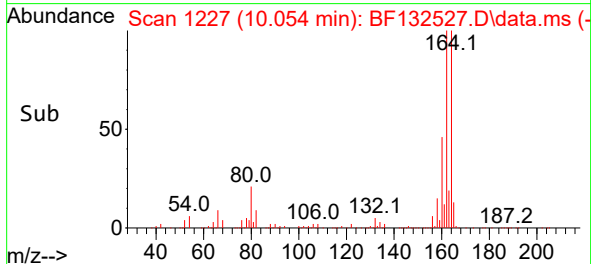
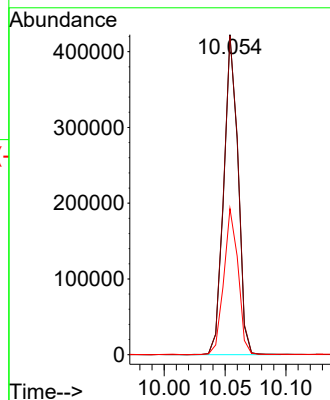
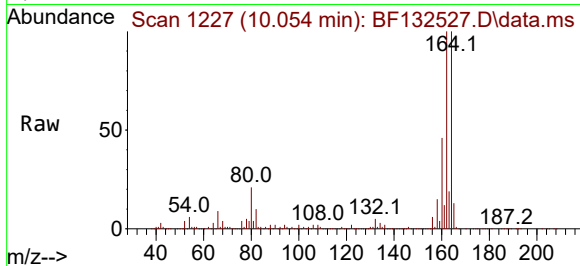
Tgt Ion:164 Resp: 342849

Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.8

160 45.6 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 67.049 ng

RT: 10.848 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF132527.D

Acq: 23 Feb 2023 18:46

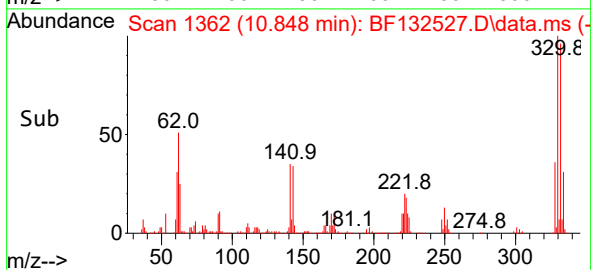
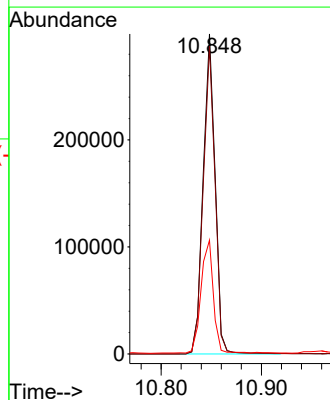
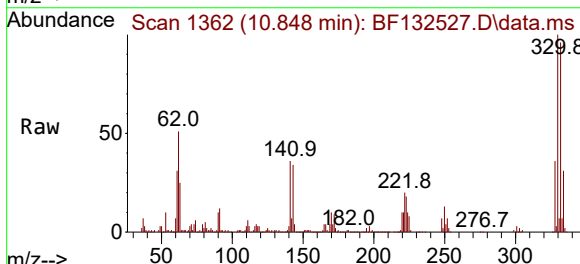
Tgt Ion:330 Resp: 248257

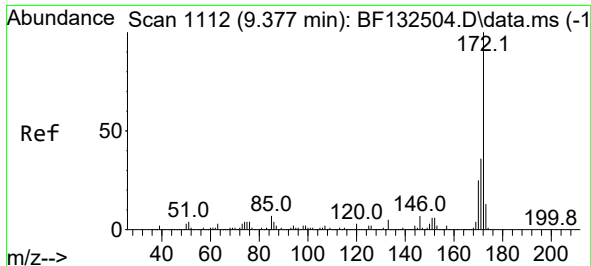
Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 36.8 28.4 42.6

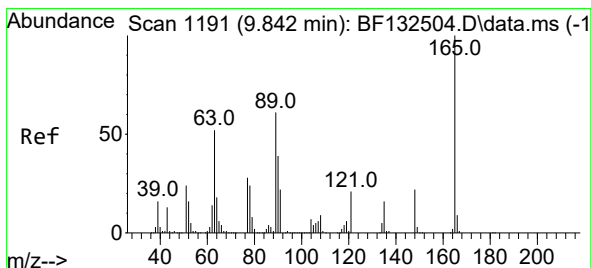
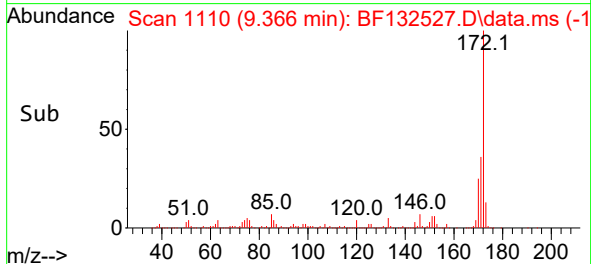
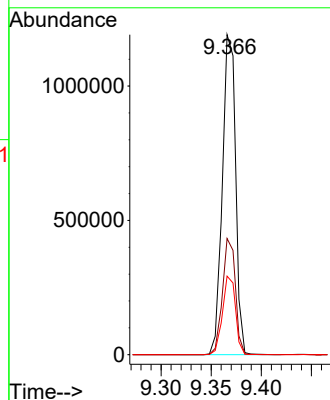
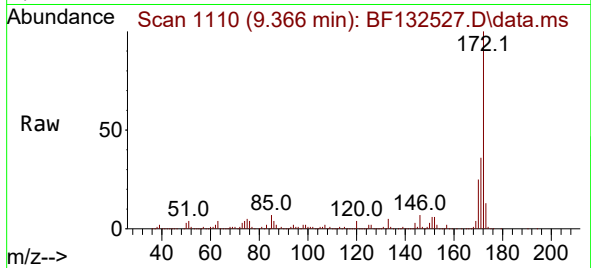




#45
2-Fluorobiphenyl
Concen: 48.494 ng
RT: 9.366 min Scan# 1112
Delta R.T. -0.011 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

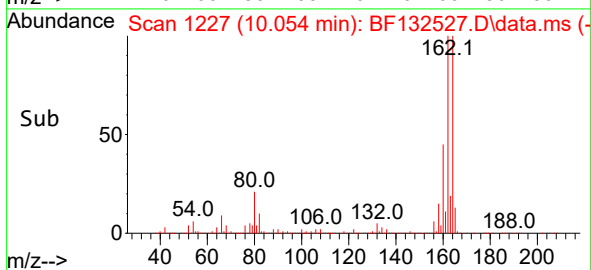
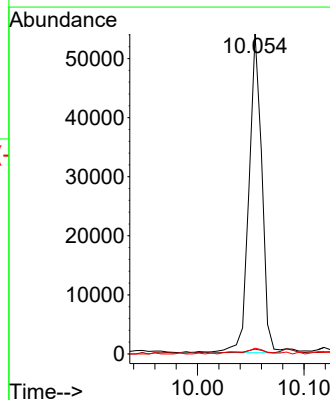
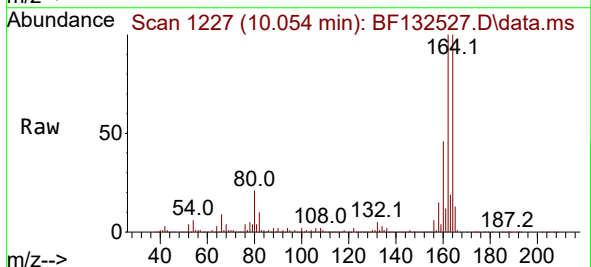
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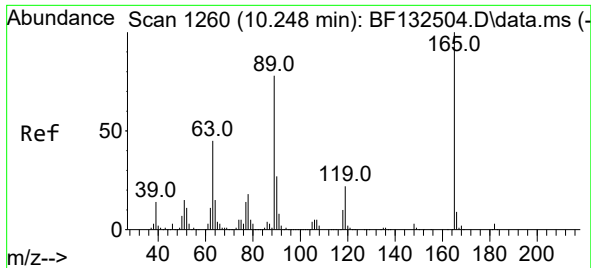
Tgt Ion:172 Resp: 1091911
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.5 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 8.028 ng
RT: 10.054 min Scan# 1227
Delta R.T. 0.212 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

Tgt Ion:165 Resp: 45643
Ion Ratio Lower Upper
165 100
63 1.5 47.3 70.9#
89 1.8 48.9 73.3#

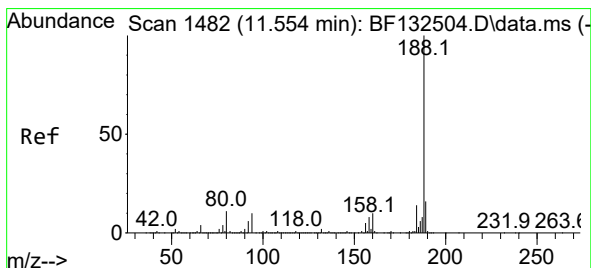
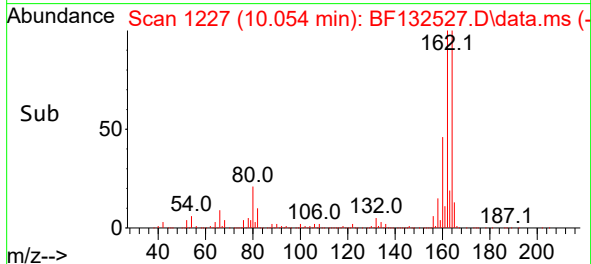
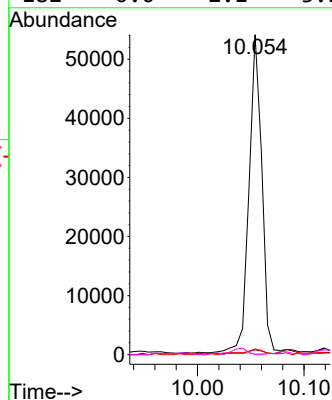
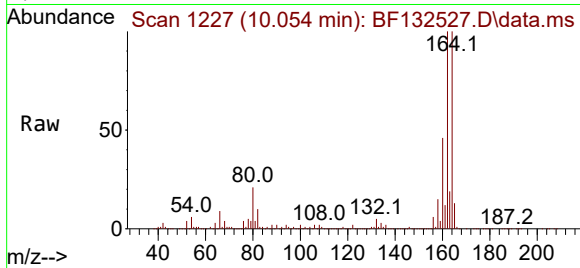




#57
2,4-Dinitrotoluene
Concen: 6.035 ng
RT: 10.054 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

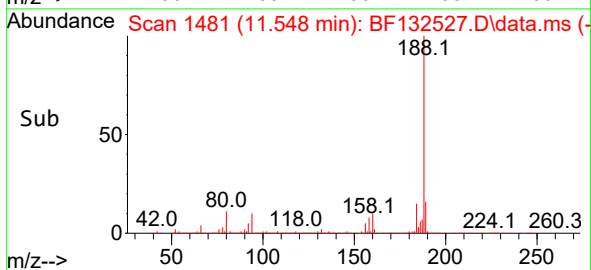
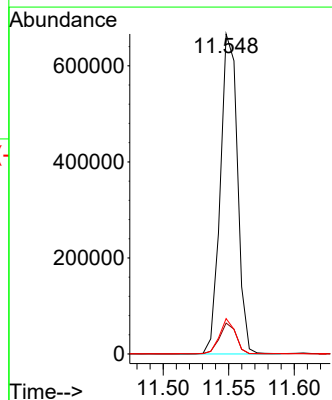
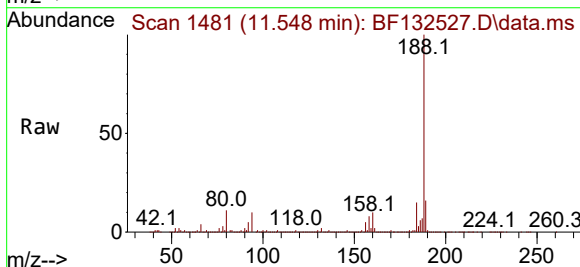
Instrument :
BNA_F
ClientSampleId :
WC-E2

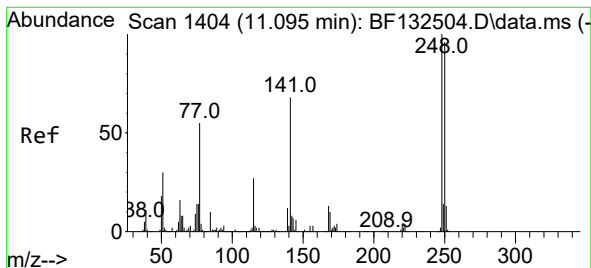
Tgt Ion:165 Resp: 45643
Ion Ratio Lower Upper
165 100
63 1.5 36.5 54.7#
89 1.8 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

Tgt Ion:188 Resp: 605936
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 11.1 8.7 13.1

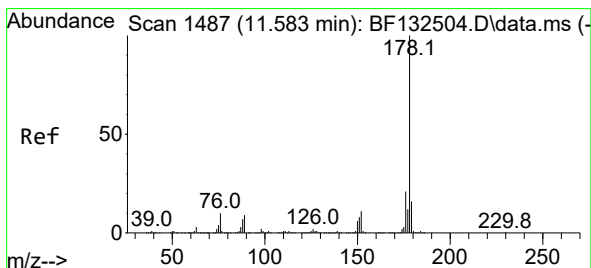
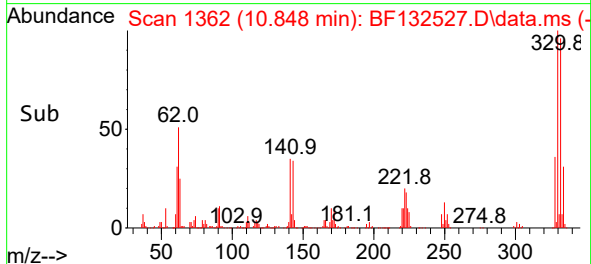
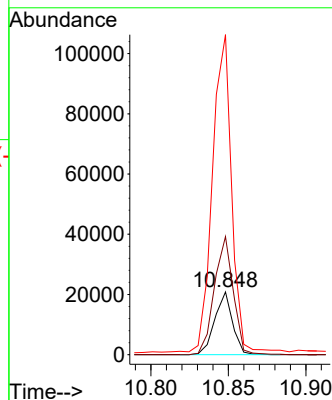
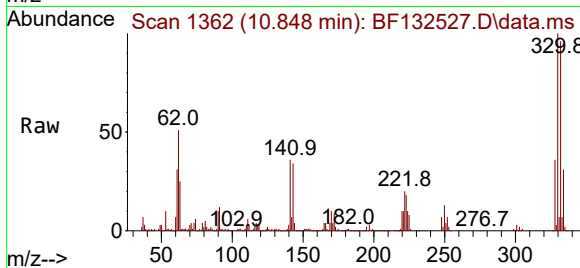




#67
4-Bromophenyl-phenylether
Concen: 2.428 ng
RT: 10.848 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

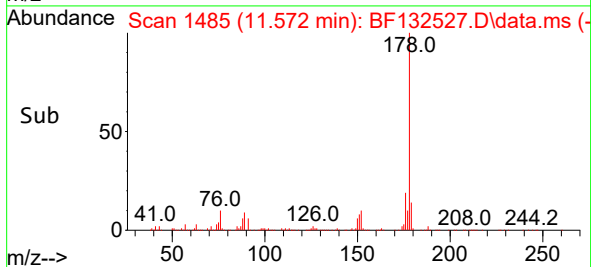
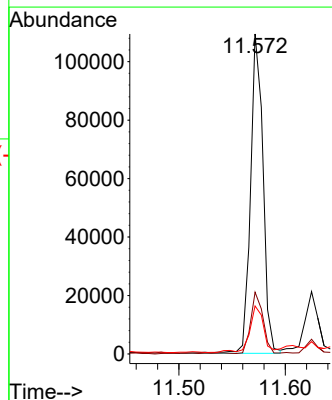
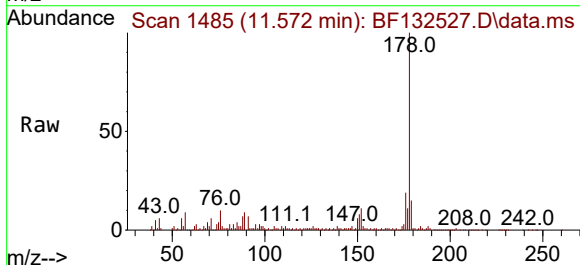
Instrument :
BNA_F
ClientSampleId :
WC-E2

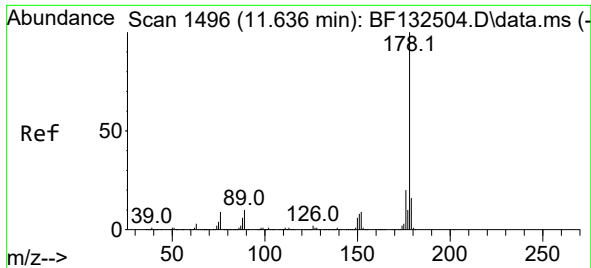
Tgt Ion:248 Resp: 16639
Ion Ratio Lower Upper
248 100
250 188.0 77.0 115.4#
141 509.6 54.2 81.2#



#71
Phenanthrene
Concen: 2.846 ng
RT: 11.572 min Scan# 1485
Delta R.T. -0.012 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

Tgt Ion:178 Resp: 89338
Ion Ratio Lower Upper
178 100
176 19.3 16.5 24.7
179 15.0 13.0 19.6

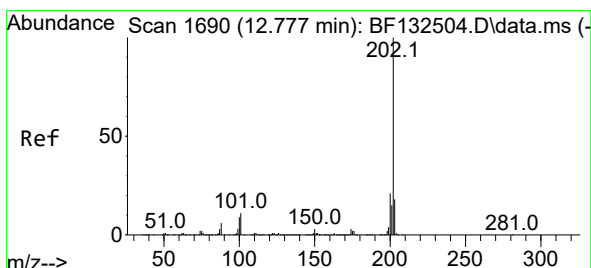
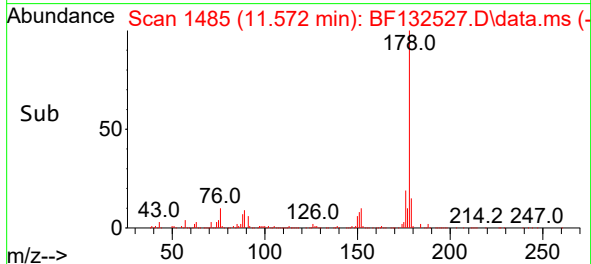
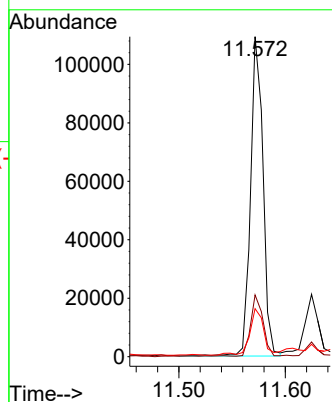
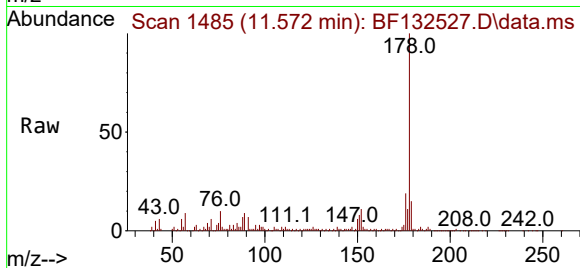




#72
 Anthracene
 Concen: 2.764 ng
 RT: 11.572 min Scan# 1496
 Delta R.T. -0.065 min
 Lab File: BF132527.D
 Acq: 23 Feb 2023 18:46

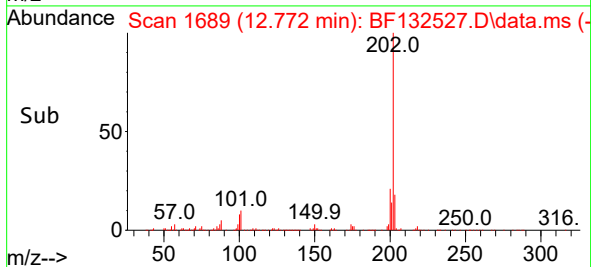
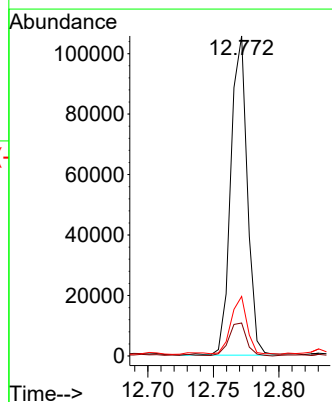
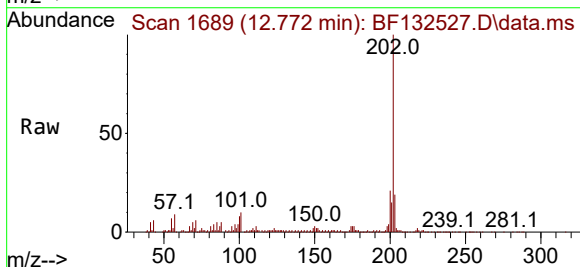
Instrument :
 BNA_F
 ClientSampleId :
 WC-E2

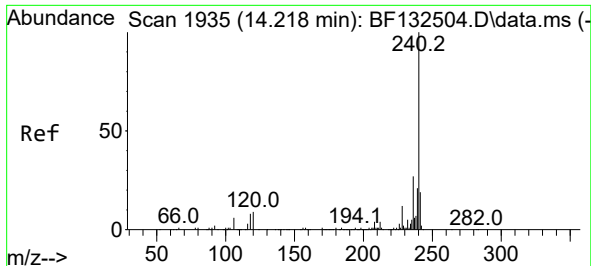
Tgt Ion:178 Resp: 89338
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.0 12.5 18.7



#75
 Fluoranthene
 Concen: 2.701 ng
 RT: 12.772 min Scan# 1689
 Delta R.T. -0.006 min
 Lab File: BF132527.D
 Acq: 23 Feb 2023 18:46

Tgt Ion:202 Resp: 92678
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 31.4
 203 18.6 0.0 38.0

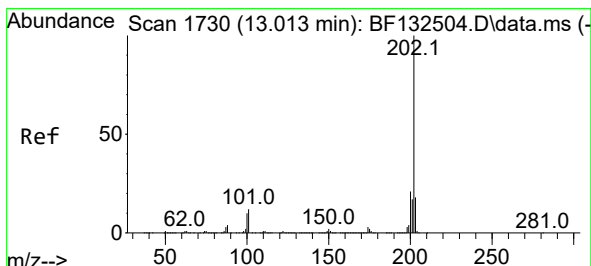
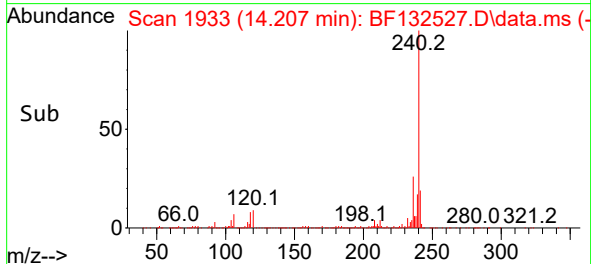
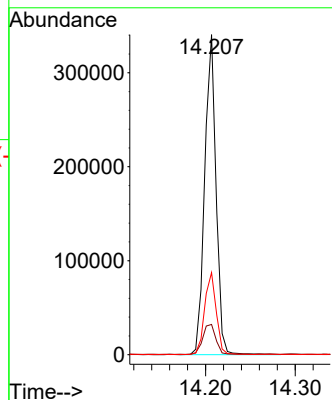
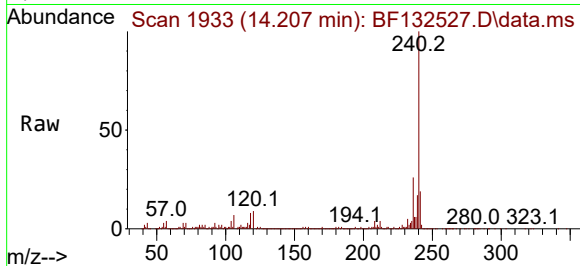




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

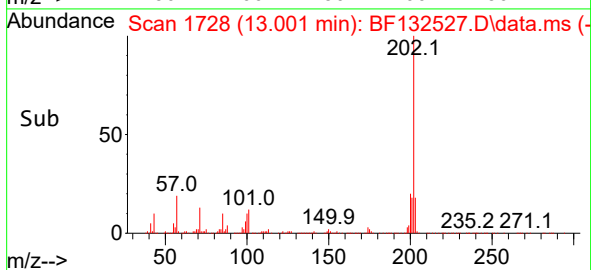
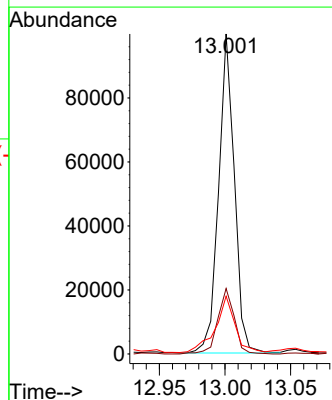
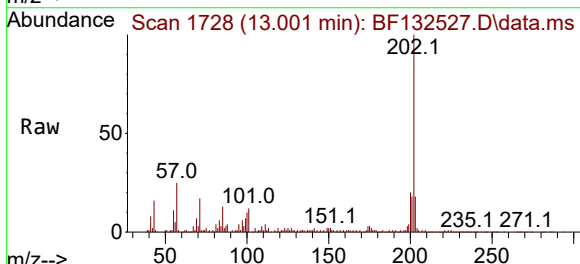
Instrument :
BNA_F
ClientSampleId :
WC-E2

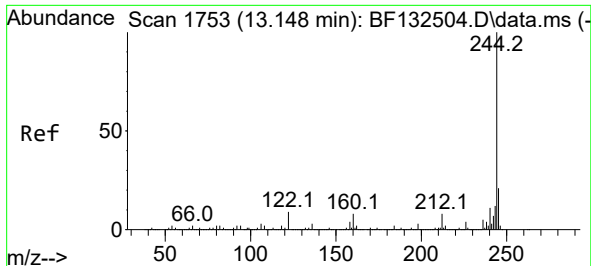
Tgt Ion:240 Resp: 298381
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 25.7 21.8 32.6



#78
Pyrene
Concen: 3.073 ng
RT: 13.001 min Scan# 1728
Delta R.T. -0.012 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

Tgt Ion:202 Resp: 83362
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 18.0 14.6 21.8

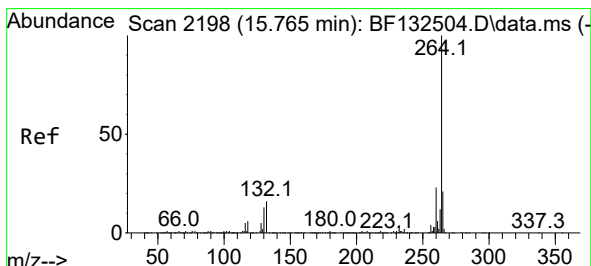
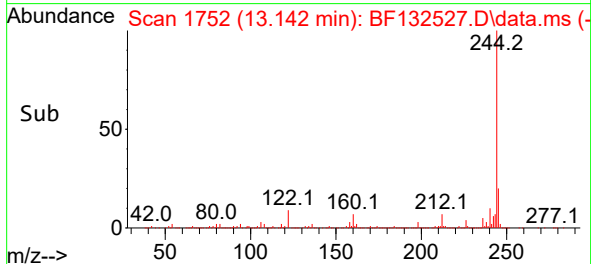
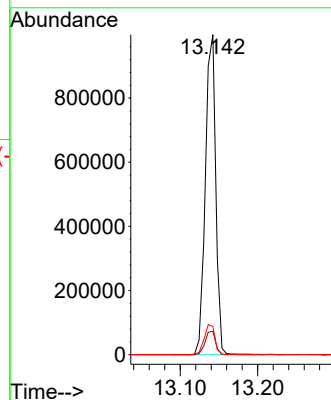
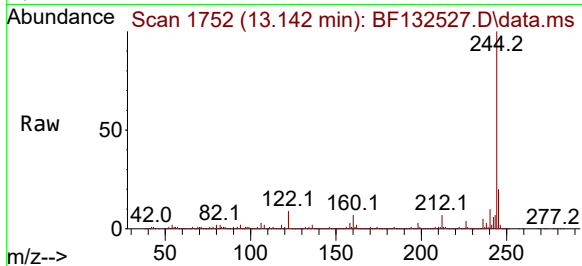




#79
 Terphenyl-d14
 Concen: 52.661 ng
 RT: 13.142 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132527.D
 Acq: 23 Feb 2023 18:46

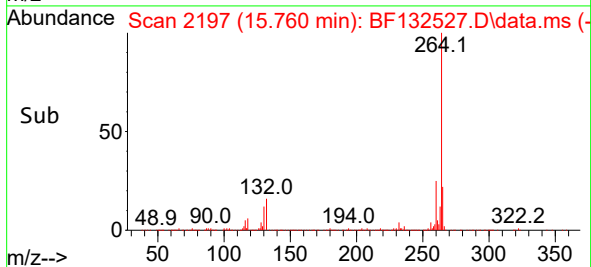
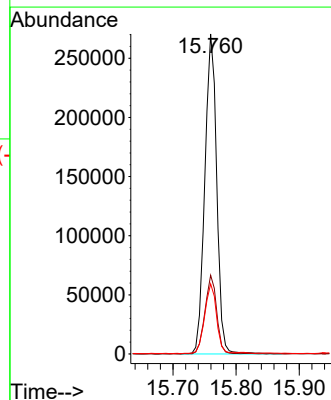
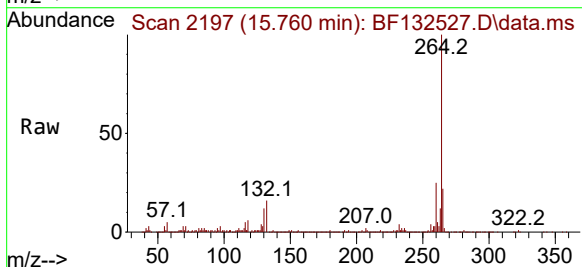
Instrument :
 BNA_F
 ClientSampleId :
 WC-E2

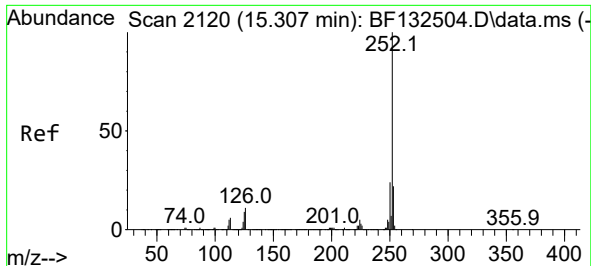
Tgt Ion:244 Resp: 929361
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 8.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.760 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF132527.D
 Acq: 23 Feb 2023 18:46

Tgt Ion:264 Resp: 354350
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 21.9 17.1 25.7

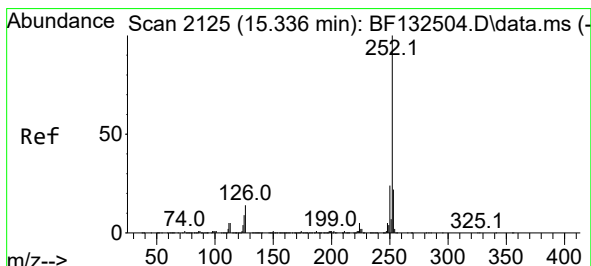
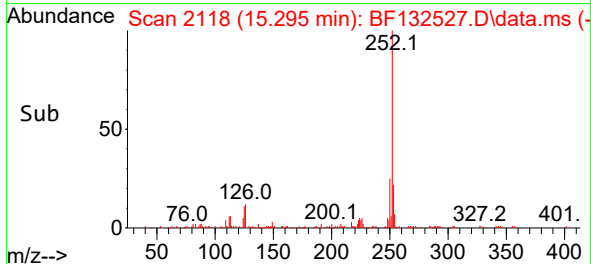
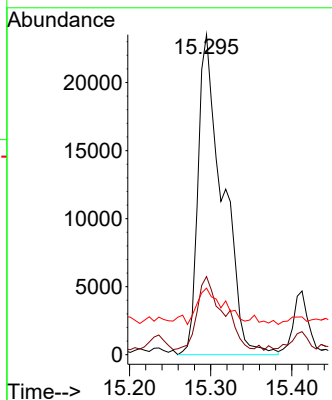
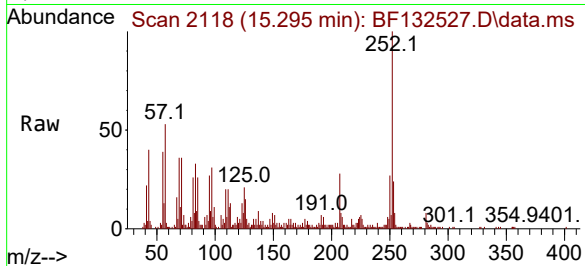




#88
Benzo(b)fluoranthene
Concen: 2.096 ng
RT: 15.295 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

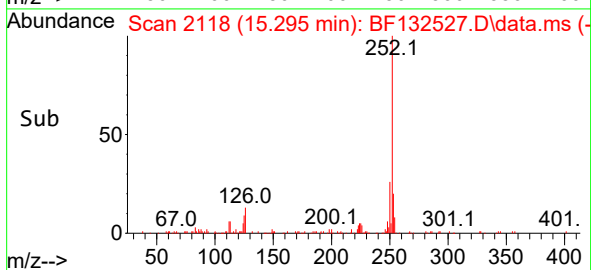
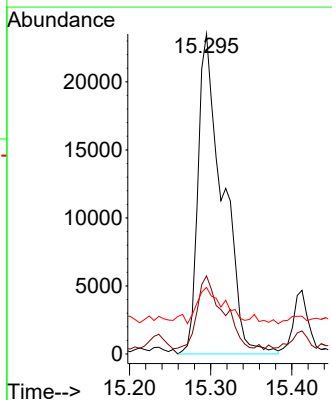
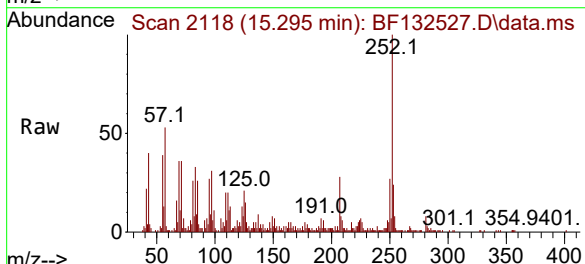
Instrument :
BNA_F
ClientSampleId :
WC-E2

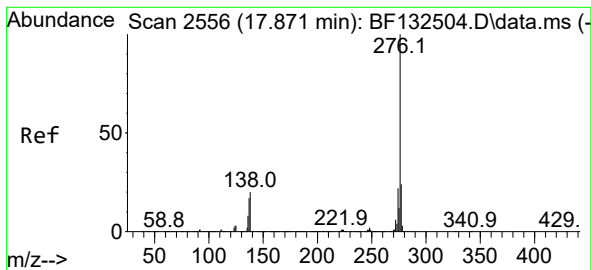
Tgt Ion:252 Resp: 49763
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.0
125 20.8 7.0 10.6#



#89
Benzo(k)fluoranthene
Concen: 2.141 ng
RT: 15.295 min Scan# 2118
Delta R.T. -0.041 min
Lab File: BF132527.D
Acq: 23 Feb 2023 18:46

Tgt Ion:252 Resp: 49763
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 20.8 7.2 10.8#





#92

Benzo(g,h,i)perylene

Concen: 2.349 ng

RT: 17.842 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF132527.D

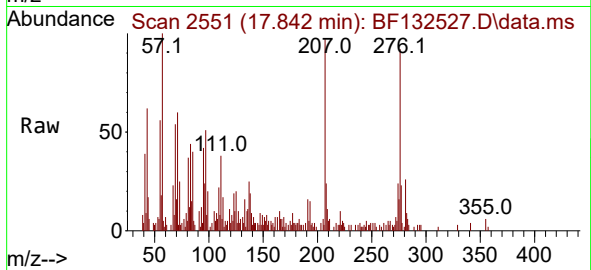
Acq: 23 Feb 2023 18:46

Instrument :

BNA_F

ClientSampleId :

WC-E2



Tgt Ion:276 Resp: 16250

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 20.4 16.2 24.4

