

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131797.D
 Acq On : 23 Dec 2022 02:12
 Operator : CG\JU
 Sample : N6098-07 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FVSUB-TP6-COMP-06

Quant Time: Dec 23 03:39:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 03:03:57 2022
 Response via : Initial Calibration

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

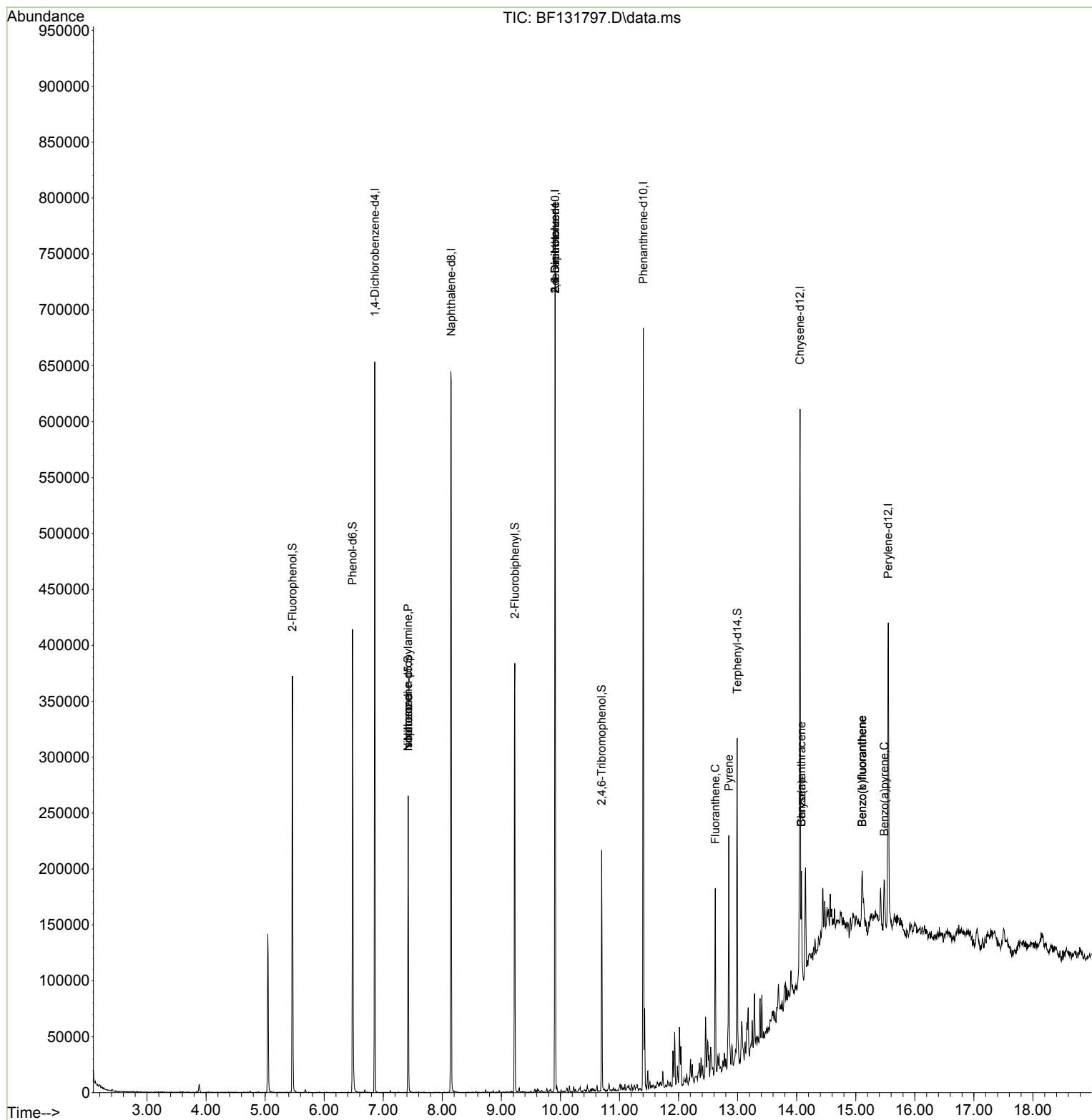
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	79731	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	267712	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	133946	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	222685	20.000	ng	0.00
76) Chrysene-d12	14.057	240	155535	20.000	ng	0.00
86) Perylene-d12	15.551	264	128899	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	88644	18.721	ng	0.00
7) Phenol-d6	6.481	99	115724	18.158	ng	0.00
23) Nitrobenzene-d5	7.422	82	74338	11.273	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	19804	13.508	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	109225	11.423	ng	0.00
79) Terphenyl-d14	12.992	244	84234	8.441	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	169	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	10688	2.325 ng	#	76
25) Isophorone	7.422	82	74162	6.622 ng	#	70
51) 2,6-Dinitrotoluene	9.910	165	17110	7.895 ng	#	20
57) 2,4-Dinitrotoluene	9.910	165	17110	5.875 ng	#	19
75) Fluoranthene	12.621	202	55898	4.133 ng		100
78) Pyrene	12.851	202	75964	5.372 ng		99
81) Benzo(a)anthracene	14.080	228	34824	3.109 ng		93
83) Chrysene	14.080	228	34824	3.294 ng		96
88) Benzo(b)fluoranthene	15.110	252	34587	3.793 ng	#	90
89) Benzo(k)fluoranthene	15.110	252	34587	3.887 ng	#	91
90) Benzo(a)pyrene	15.486	252	21833	3.022 ng	#	95

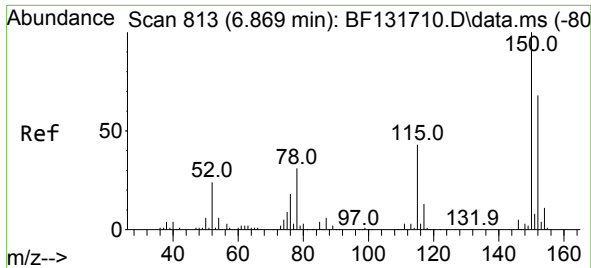
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
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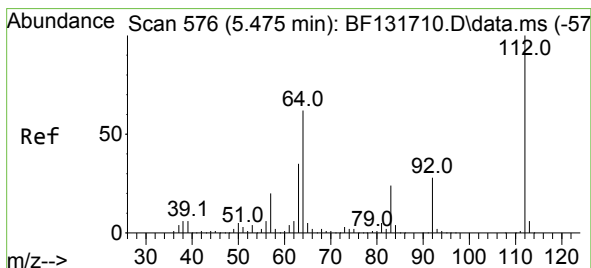
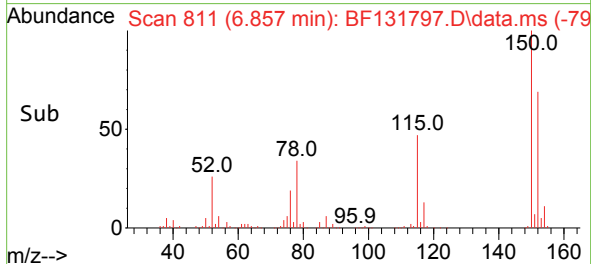
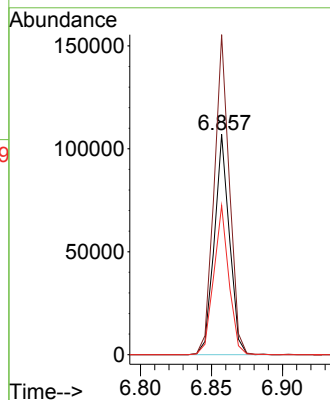
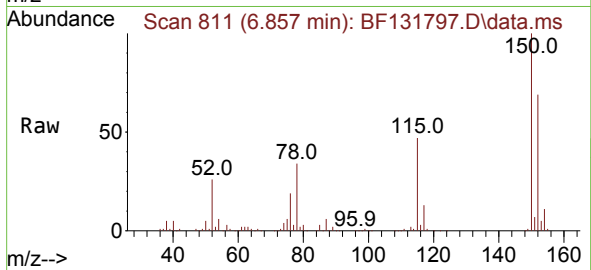




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

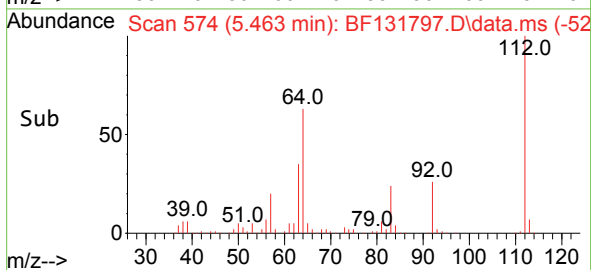
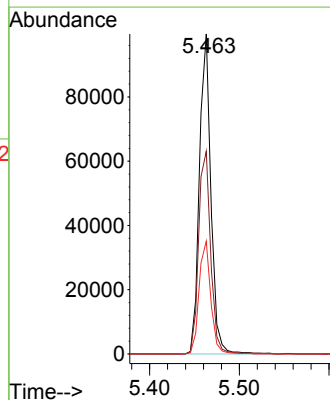
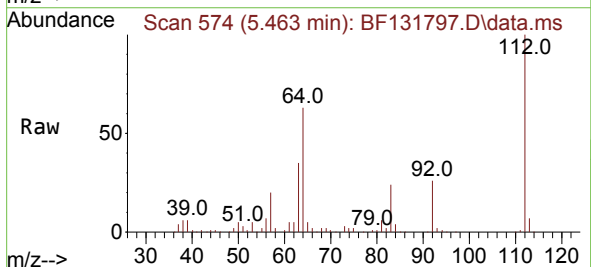
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

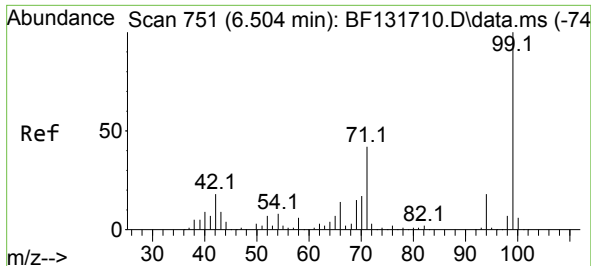
Tgt Ion:152 Resp: 79731
Ion Ratio Lower Upper
152 100
150 145.3 117.4 176.0
115 67.7 50.2 75.4



#5
2-Fluorophenol
Concen: 18.721 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

Tgt Ion:112 Resp: 88644
Ion Ratio Lower Upper
112 100
64 63.3 49.5 74.3
63 35.3 28.2 42.2

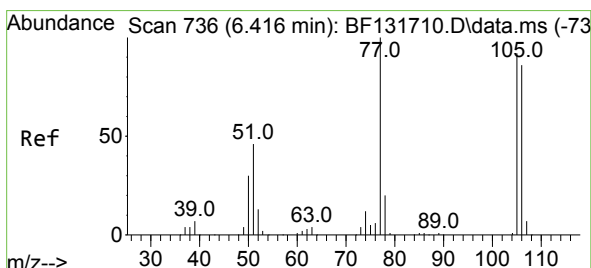
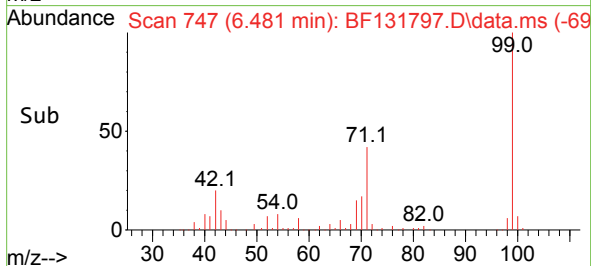
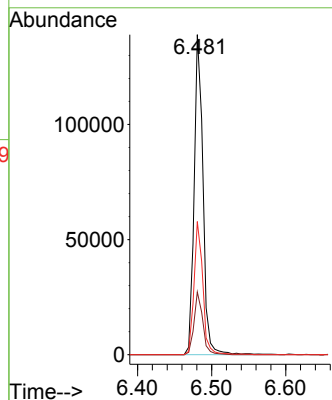
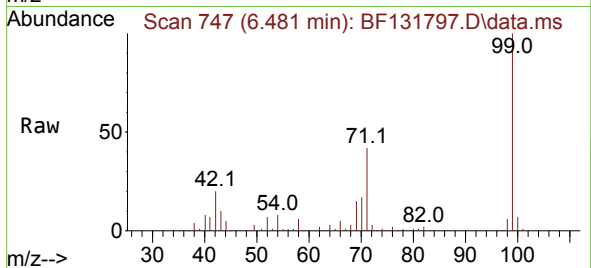




#7
Phenol-d6
Concen: 18.158 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

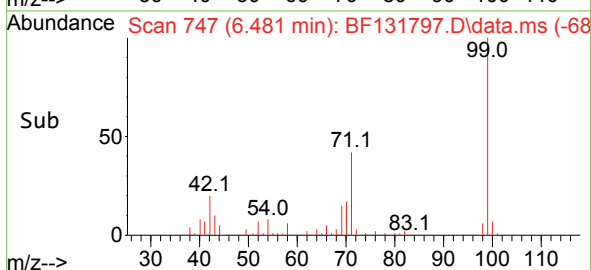
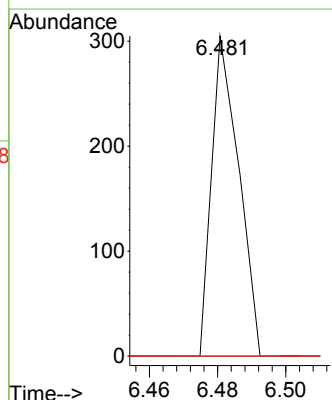
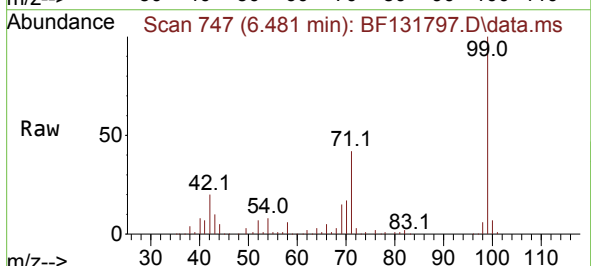
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

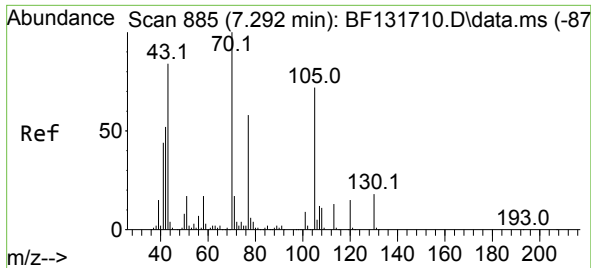
Tgt Ion: 99 Resp: 115724
Ion Ratio Lower Upper
99 100
42 19.6 14.8 22.2
71 41.6 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 747
Delta R.T. 0.076 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

Tgt Ion: 77 Resp: 169
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

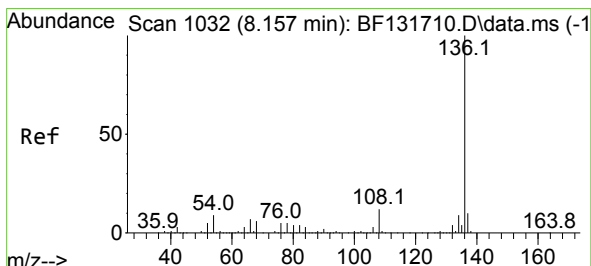
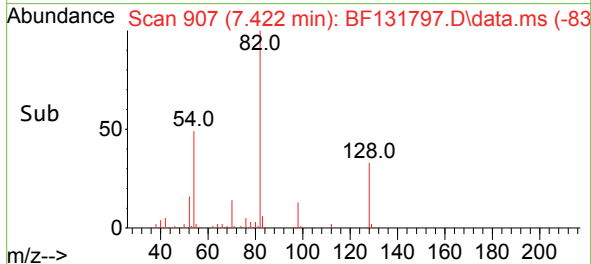
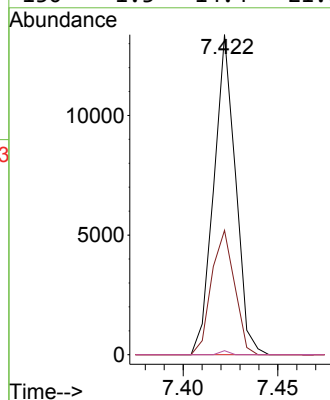
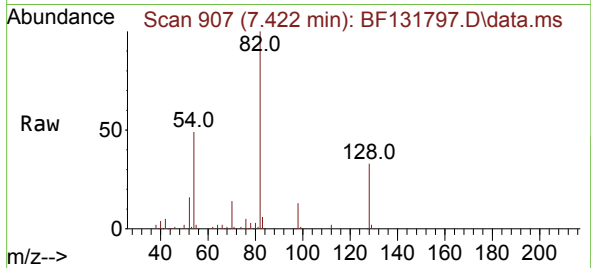




#19
n-Nitroso-di-n-propylamine
Concen: 2.325 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

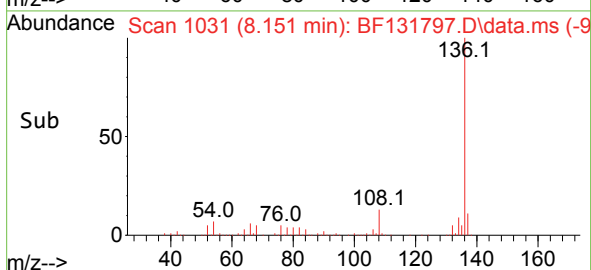
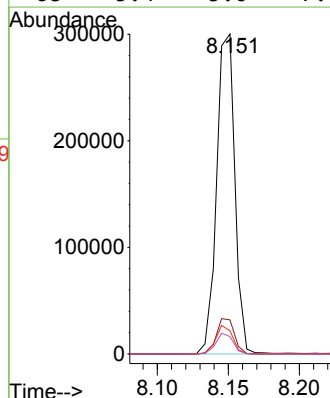
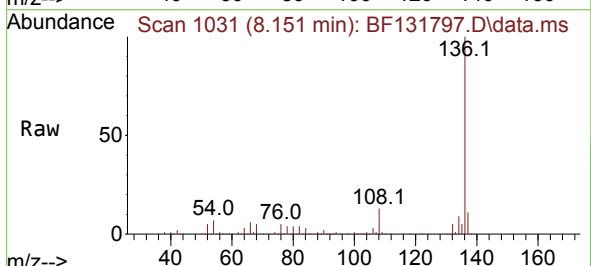
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

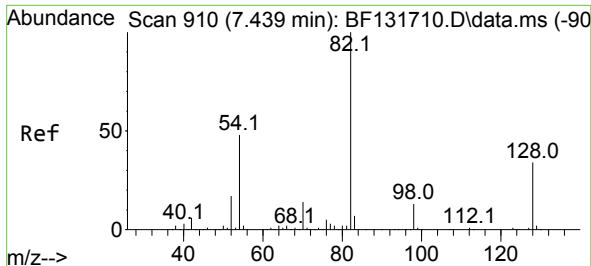
Tgt Ion: 70 Resp: 10688
Ion Ratio Lower Upper
70 100
42 38.9 41.5 62.3#
101 0.0 7.3 10.9#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

Tgt Ion:136 Resp: 267712
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.2 7.2 10.8
68 5.4 5.0 7.6

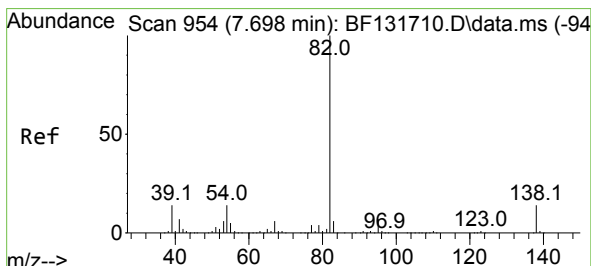
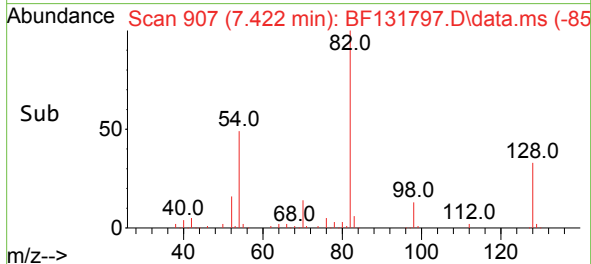
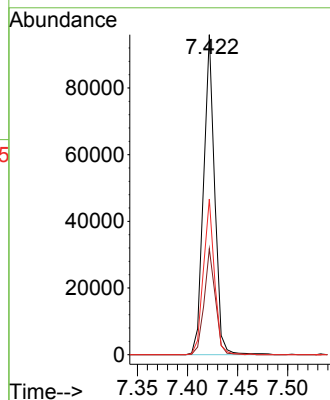
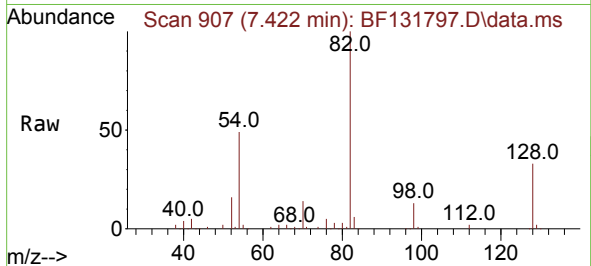




#23
Nitrobenzene-d5
Concen: 11.273 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

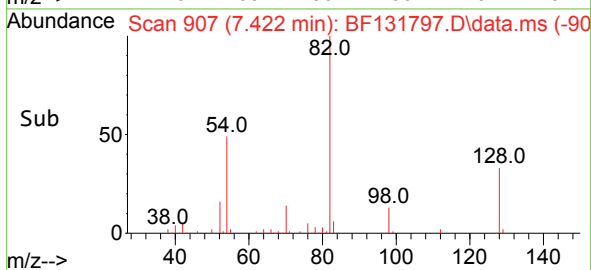
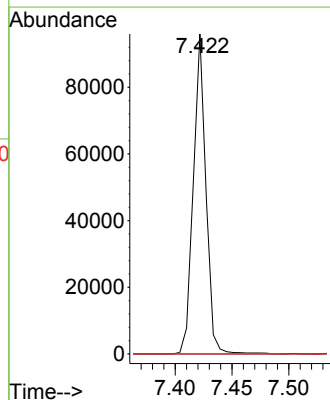
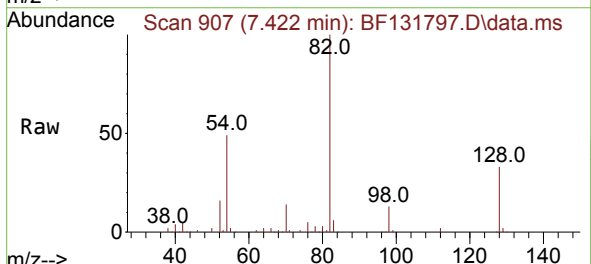
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

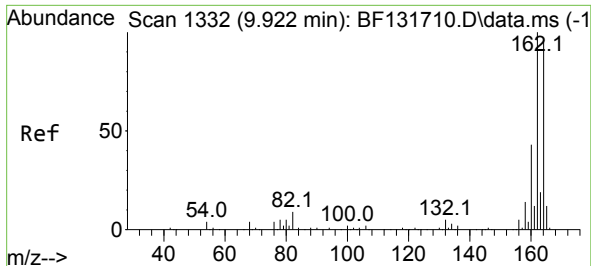
Tgt Ion: 82 Resp: 74338
Ion Ratio Lower Upper
82 100
128 33.1 27.3 40.9
54 48.7 38.2 57.2



#25
Isophorone
Concen: 6.622 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

Tgt Ion: 82 Resp: 74162
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131797.D

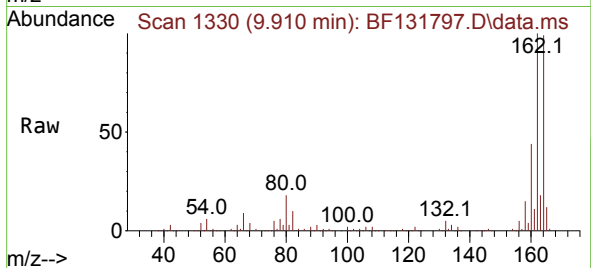
Acq: 23 Dec 2022 02:12

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP6-COMP-06



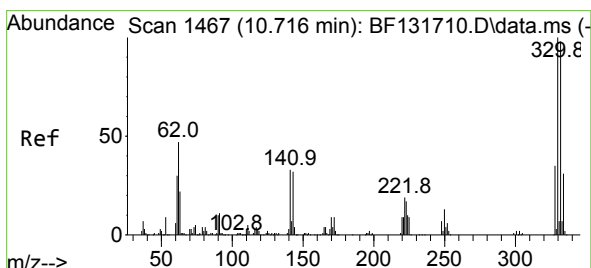
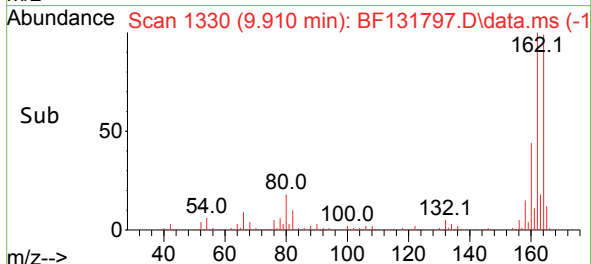
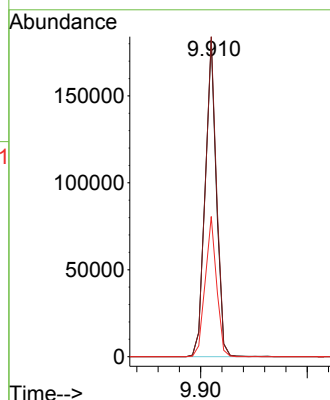
Tgt Ion:164 Resp: 133946

Ion Ratio Lower Upper

164 100

162 101.2 83.7 125.5

160 44.4 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 13.508 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF131797.D

Acq: 23 Dec 2022 02:12

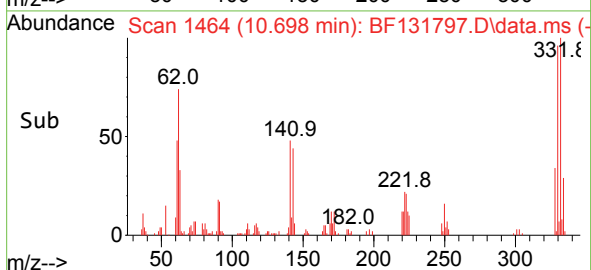
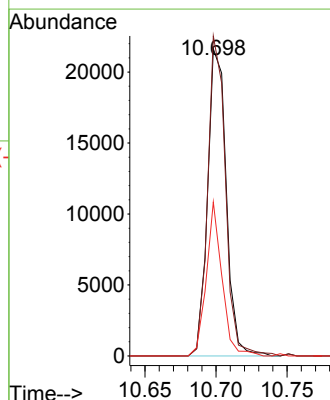
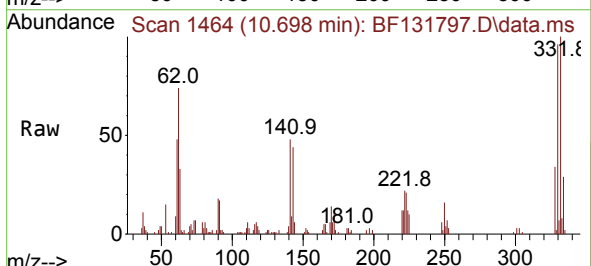
Tgt Ion:330 Resp: 19804

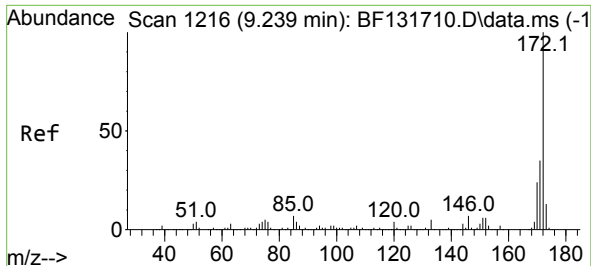
Ion Ratio Lower Upper

330 100

332 99.2 77.1 115.7

141 42.3 30.4 45.6

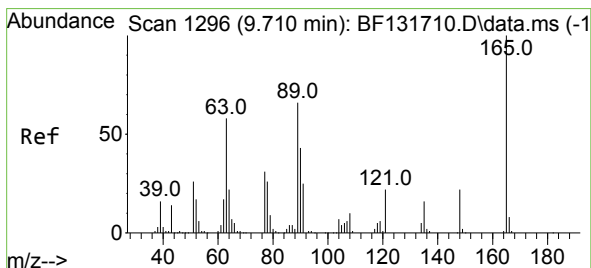
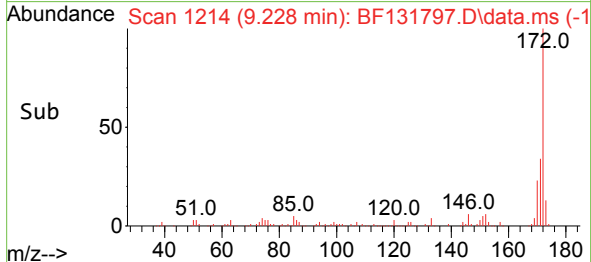
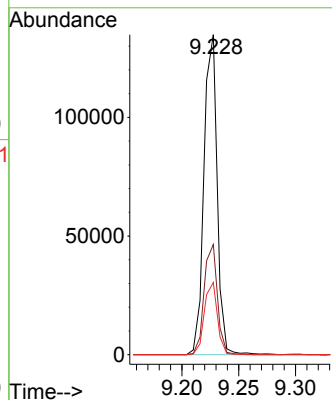
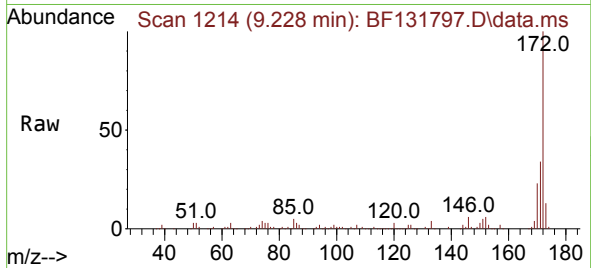




#45
2-Fluorobiphenyl
Concen: 11.423 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

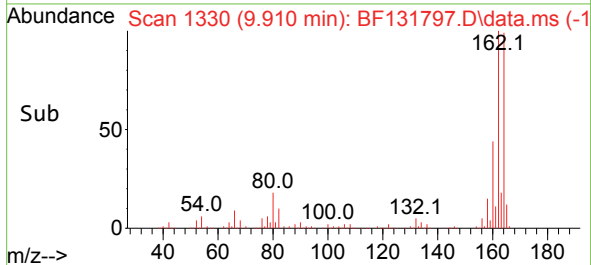
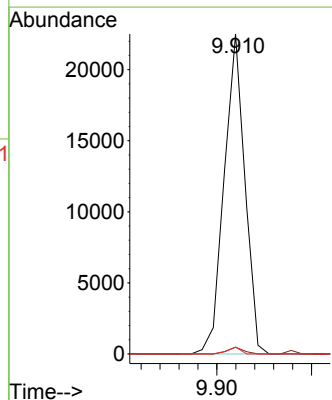
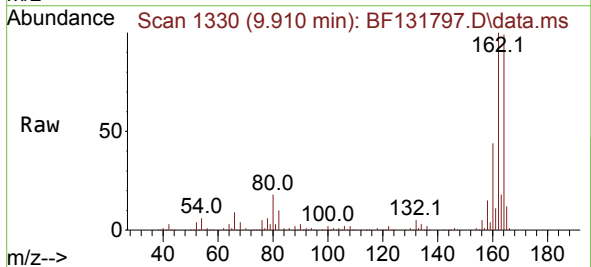
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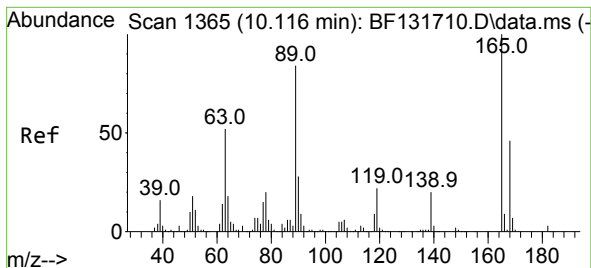
Tgt Ion:172 Resp: 109225
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 22.6 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 7.895 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

Tgt Ion:165 Resp: 17110
Ion Ratio Lower Upper
165 100
63 2.1 51.8 77.8#
89 2.1 53.2 79.8#

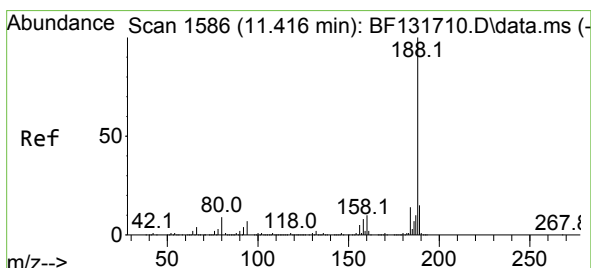
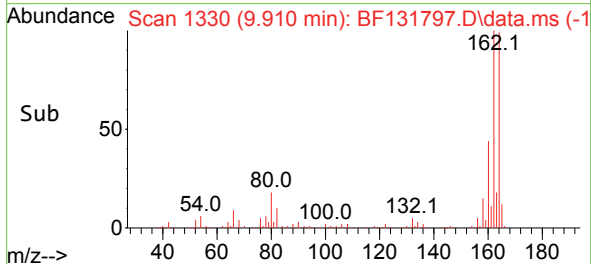
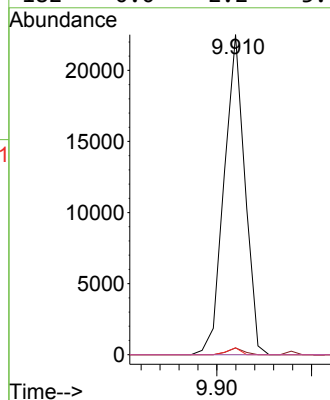
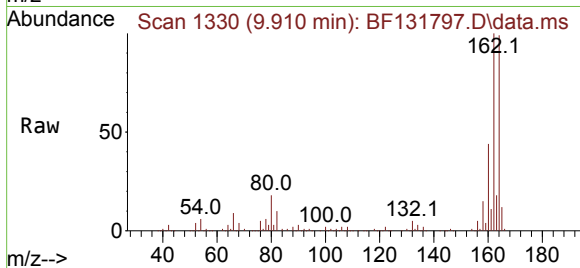




#57
2,4-Dinitrotoluene
Concen: 5.875 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

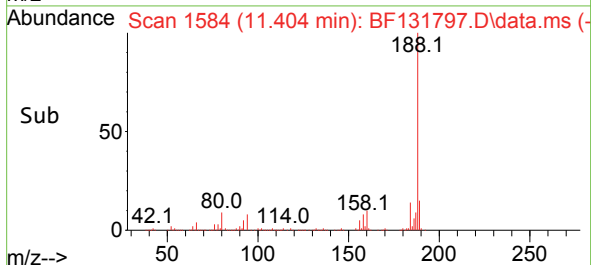
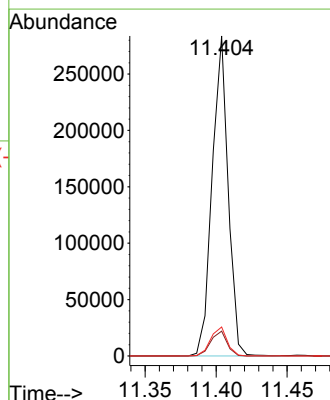
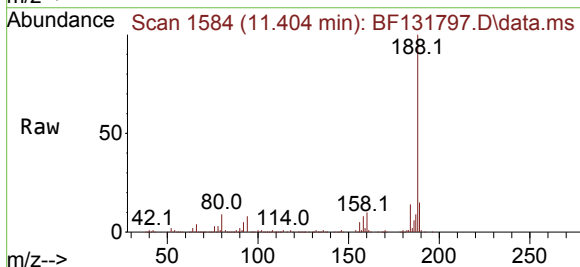
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

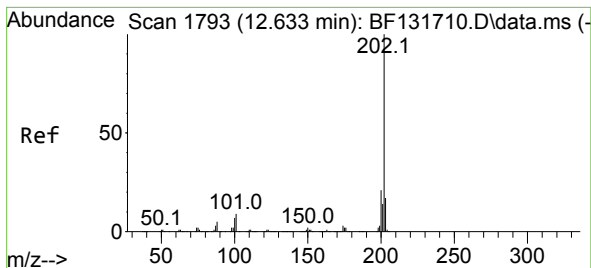
Tgt Ion:165 Resp: 17110
Ion Ratio Lower Upper
165 100
63 2.1 41.5 62.3#
89 2.1 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

Tgt Ion:188 Resp: 222685
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 9.0 7.0 10.6





#75

Fluoranthene

Concen: 4.133 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131797.D

Acq: 23 Dec 2022 02:12

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP6-COMP-06

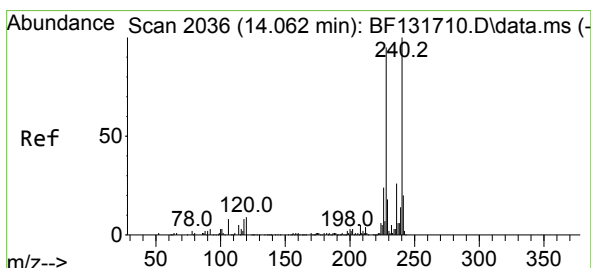
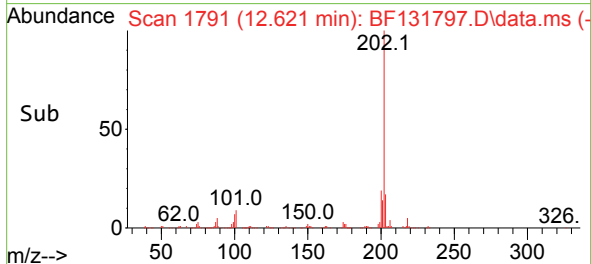
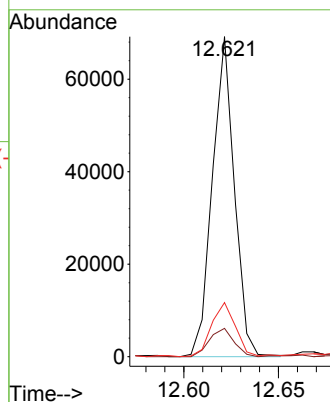
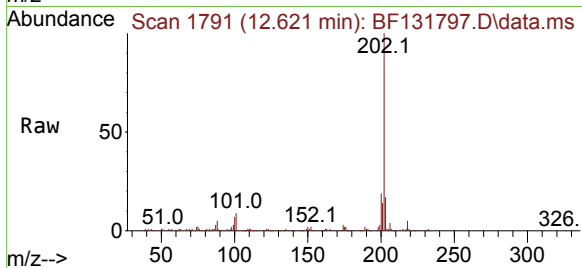
Tgt Ion:202 Resp: 55898

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.8

203 16.9 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF131797.D

Acq: 23 Dec 2022 02:12

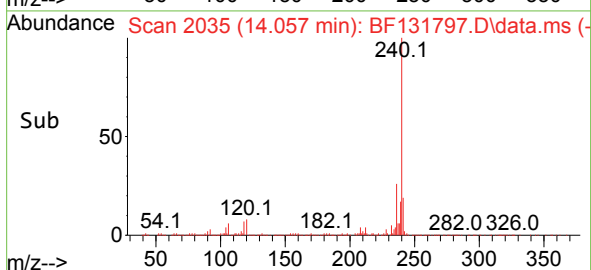
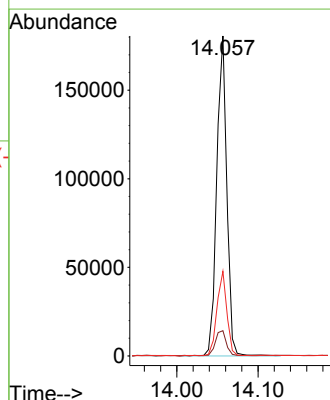
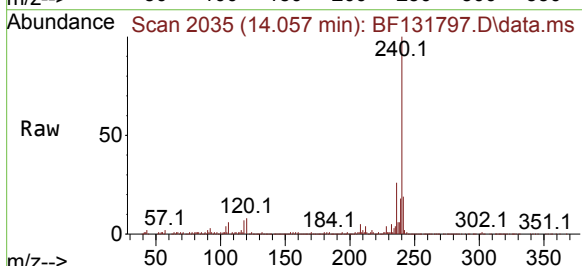
Tgt Ion:240 Resp: 155535

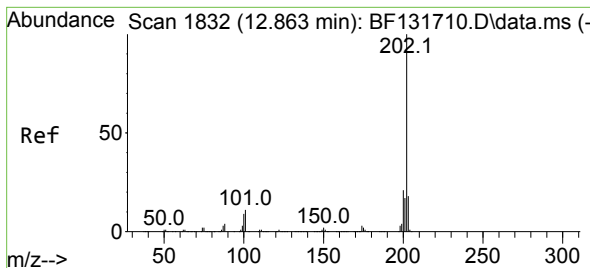
Ion Ratio Lower Upper

240 100

120 7.9 7.6 11.4

236 26.5 21.2 31.8





#78

Pyrene

Concen: 5.372 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.000 min

Lab File: BF131797.D

Acq: 23 Dec 2022 02:12

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP6-COMP-06

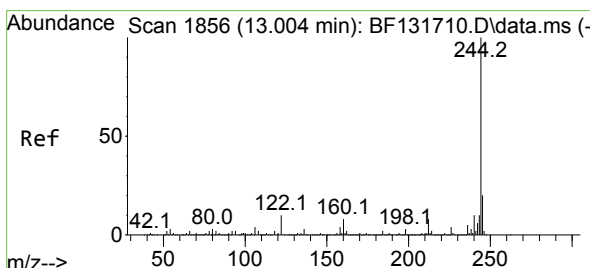
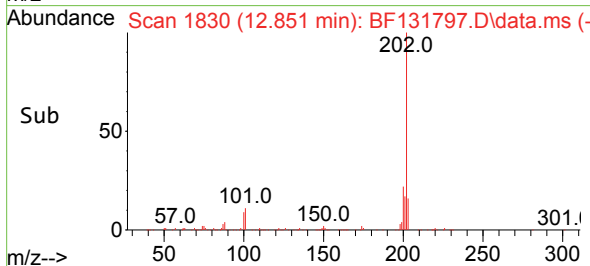
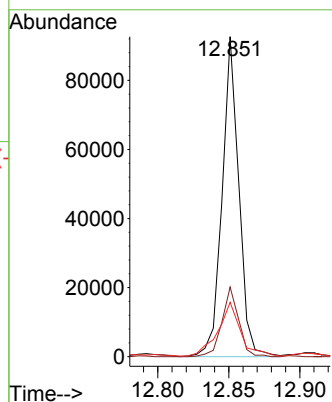
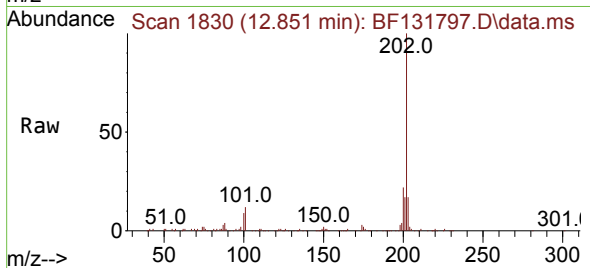
Tgt Ion:202 Resp: 75964

Ion Ratio Lower Upper

202 100

200 21.8 17.1 25.7

203 17.0 14.1 21.1



#79

Terphenyl-d14

Concen: 8.441 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF131797.D

Acq: 23 Dec 2022 02:12

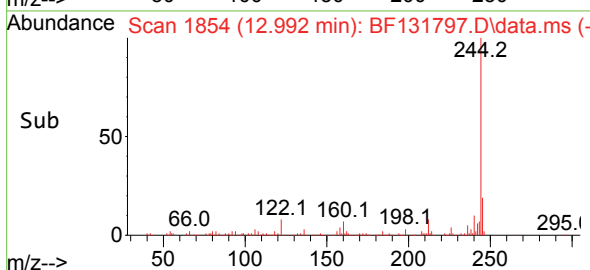
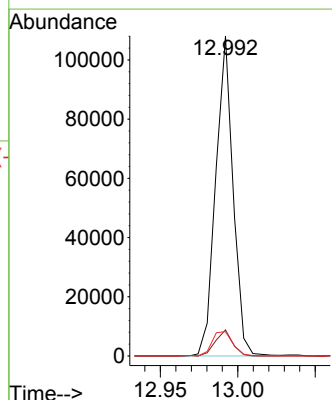
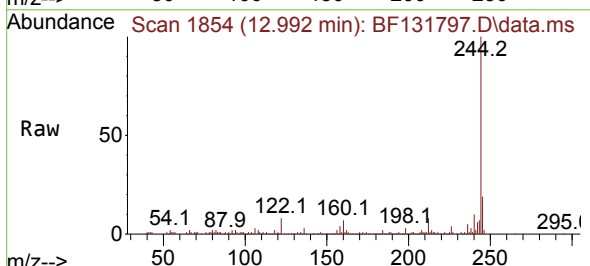
Tgt Ion:244 Resp: 84234

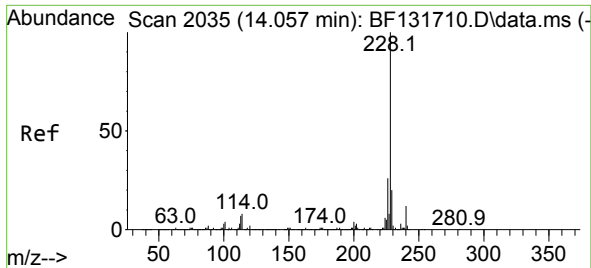
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 7.6 7.7 11.5#

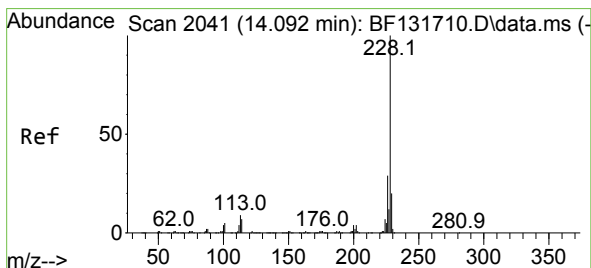
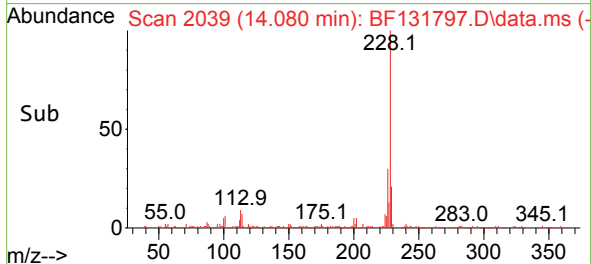
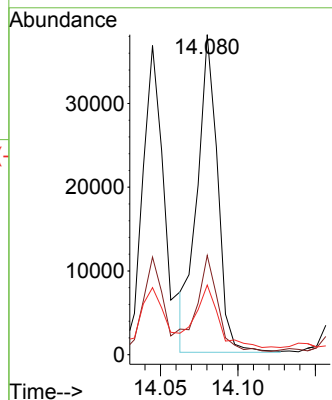
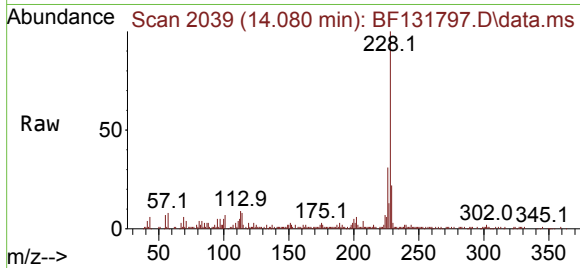




#81
Benzo(a)anthracene
Concen: 3.109 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.041 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

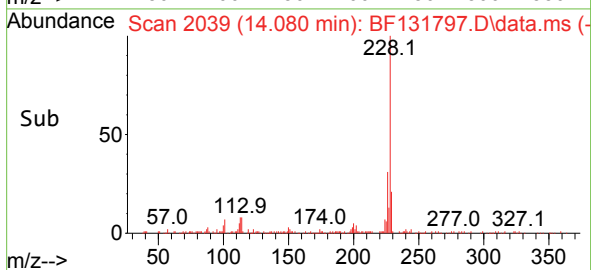
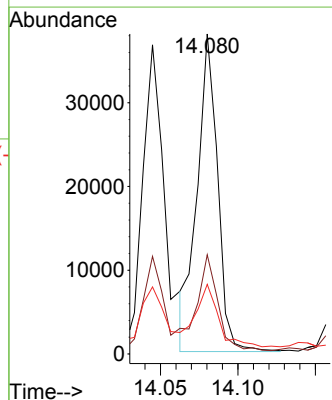
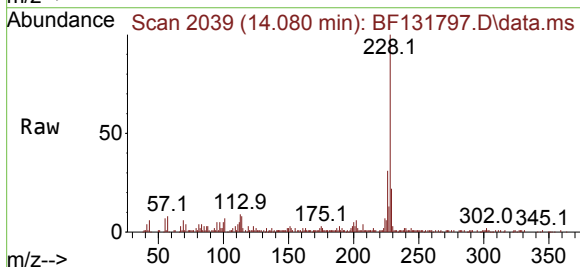
Instrument :
BNA_F
ClientSampleId :
FVSUB-TP6-COMP-06

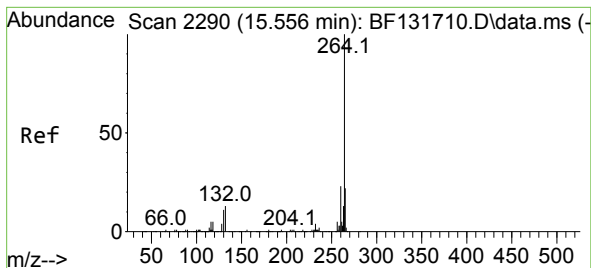
Tgt Ion:228 Resp: 34824
Ion Ratio Lower Upper
228 100
226 31.0 21.0 31.4
229 21.8 15.8 23.8



#83
Chrysene
Concen: 3.294 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF131797.D
Acq: 23 Dec 2022 02:12

Tgt Ion:228 Resp: 34824
Ion Ratio Lower Upper
228 100
226 31.0 23.5 35.3
229 21.8 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF131797.D

Acq: 23 Dec 2022 02:12

Instrument :

BNA_F

ClientSampleId :

FVSub-TP6-COMP-06

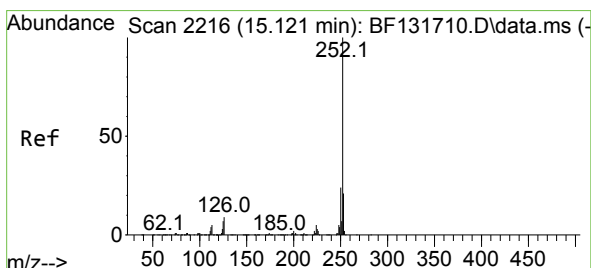
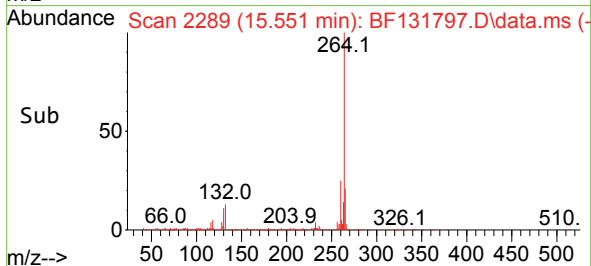
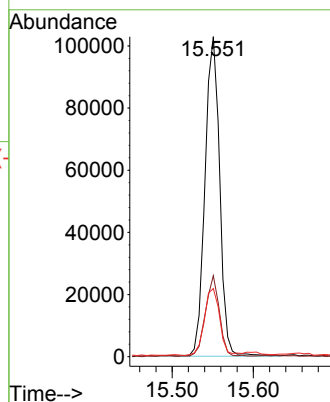
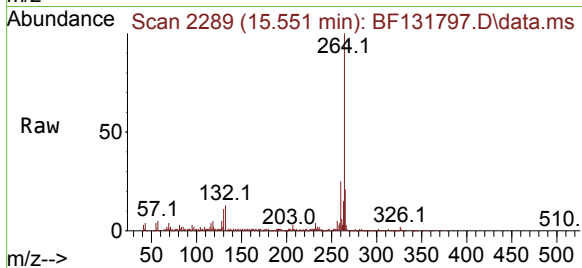
Tgt Ion:264 Resp: 128899

Ion Ratio Lower Upper

264 100

260 25.3 18.6 28.0

265 21.3 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 3.793 ng

RT: 15.110 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF131797.D

Acq: 23 Dec 2022 02:12

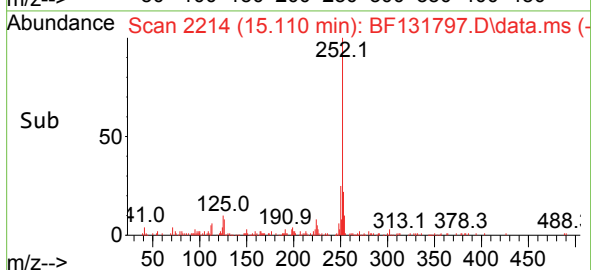
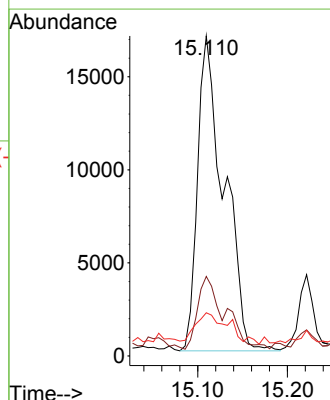
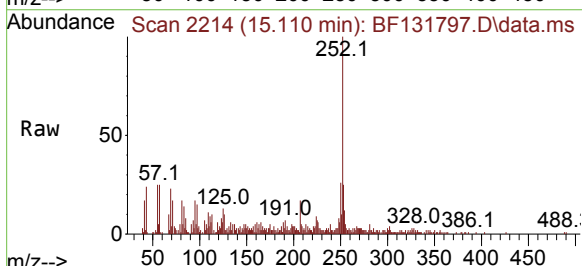
Tgt Ion:252 Resp: 34587

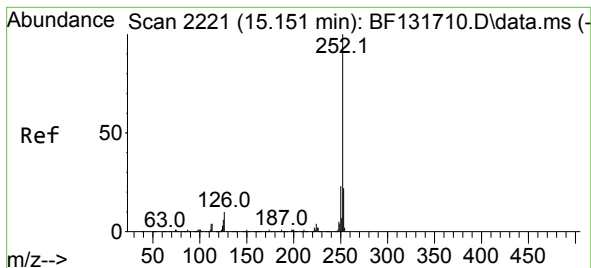
Ion Ratio Lower Upper

252 100

253 24.8 17.2 25.8

125 13.5 5.5 8.3#





#89

Benzo(k)fluoranthene

Concen: 3.887 ng

RT: 15.110 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF131797.D

Acq: 23 Dec 2022 02:12

Instrument :

BNA_F

ClientSampleId :

FVSUB-TP6-COMP-06

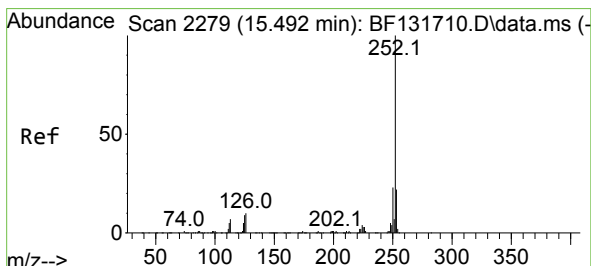
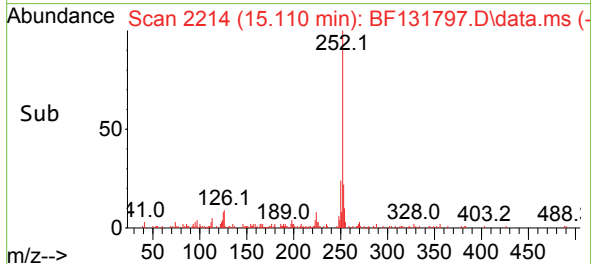
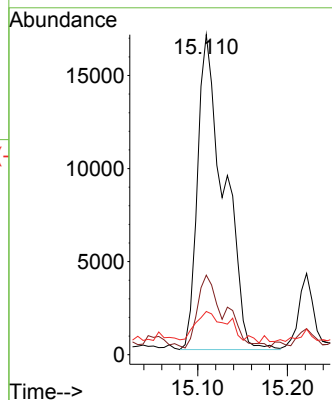
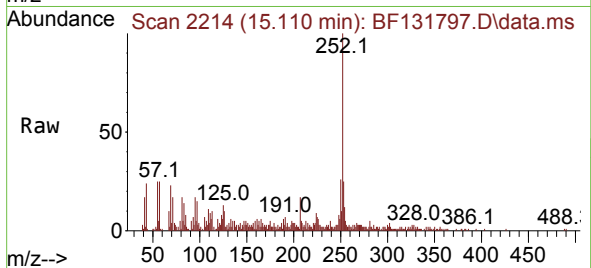
Tgt Ion:252 Resp: 34587

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.8

125 13.5 5.2 7.8#



#90

Benzo(a)pyrene

Concen: 3.022 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.012 min

Lab File: BF131797.D

Acq: 23 Dec 2022 02:12

Tgt Ion:252 Resp: 21833

Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

125 10.7 7.0 10.4#

