

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132780.D
 Acq On : 14 Mar 2023 16:12
 Operator : CG\JU
 Sample : 01891-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA7

Quant Time: Mar 14 17:17:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	204202	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	745552	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	402896	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	777088	20.000	ng	0.00
76) Chrysene-d12	14.157	240	391791	20.000	ng	0.00
86) Perylene-d12	15.686	264	425394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	623000	49.515	ng	0.00
7) Phenol-d6	6.592	99	476223	29.002	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1213063	77.195	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	504762	116.008	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1911971	72.259	ng	0.00
79) Terphenyl-d14	13.092	244	2320861	100.155	ng	0.00

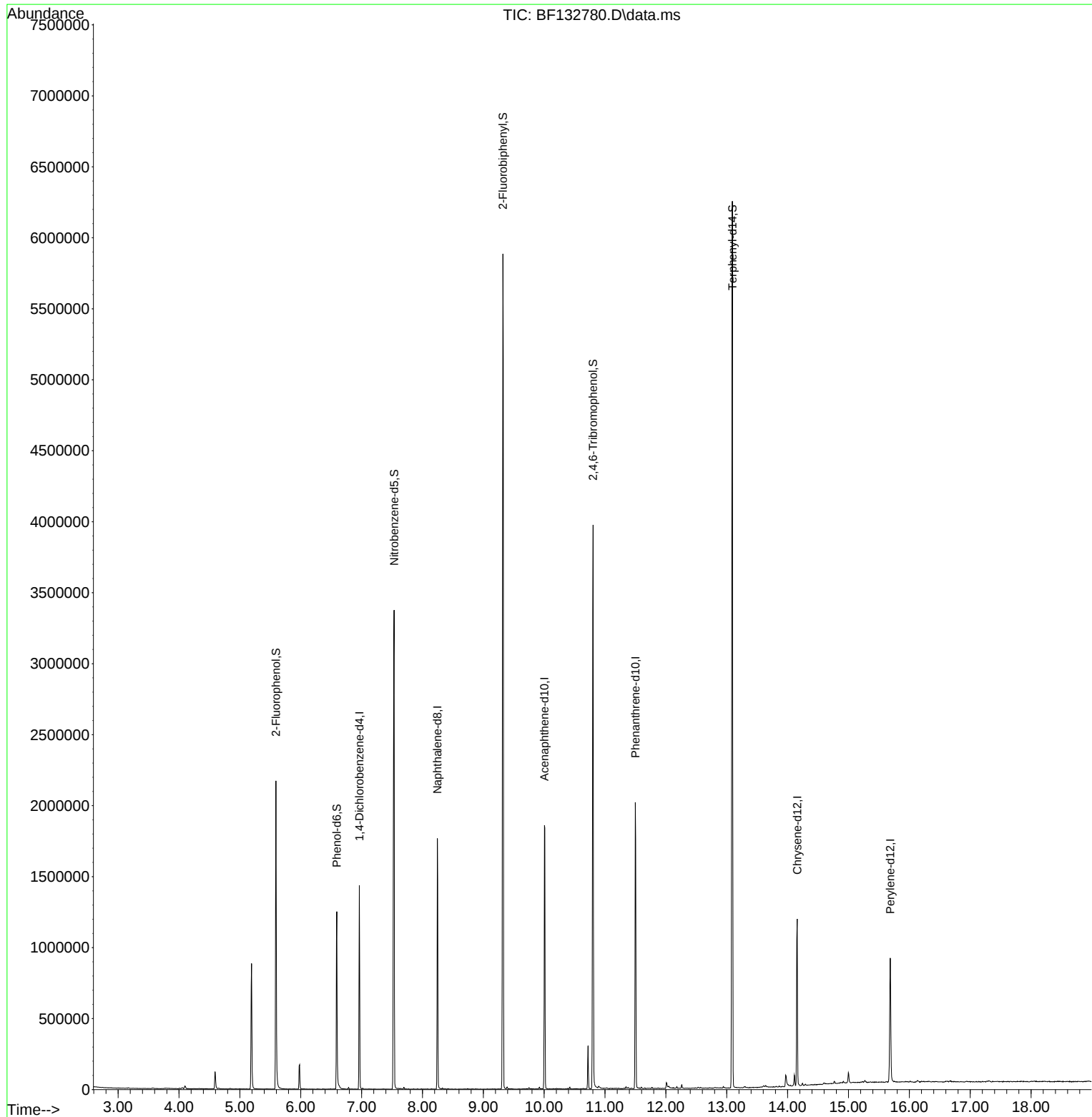
Target Compounds	Qvalue

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

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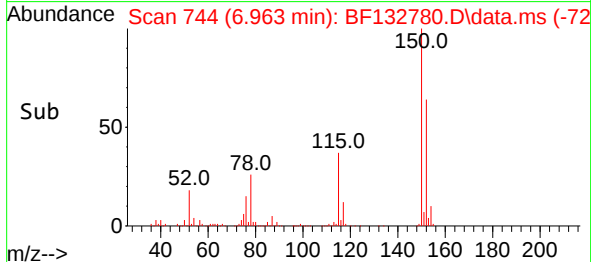
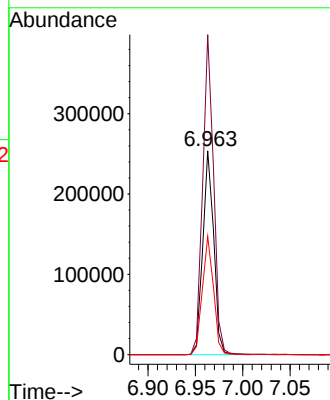
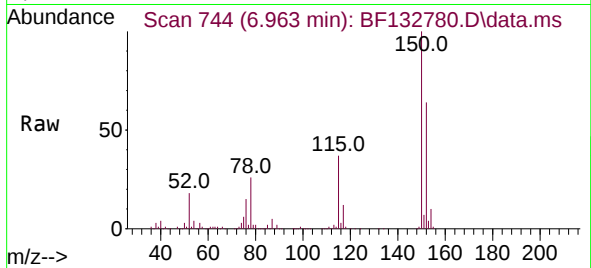




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

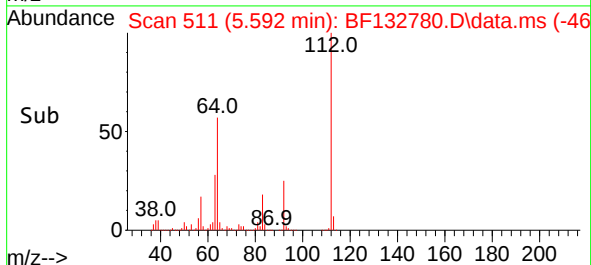
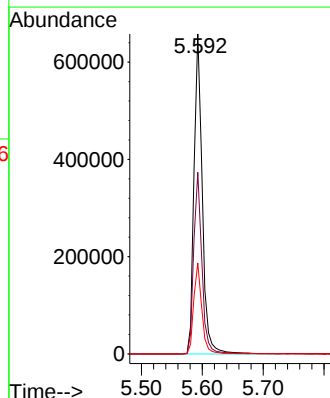
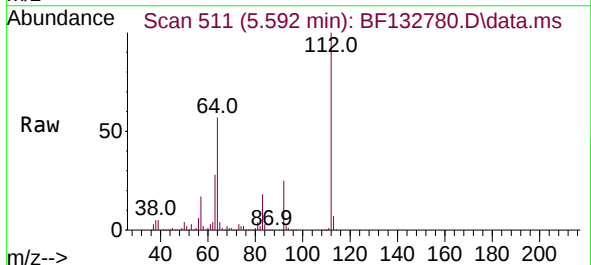
Instrument :
BNA_F
ClientSampleId :
C0AA7

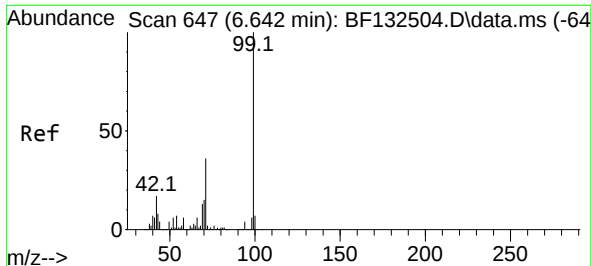
Tgt Ion:152 Resp: 204202
Ion Ratio Lower Upper
152 100
150 157.1 125.4 188.2
115 58.0 47.8 71.6



#5
2-Fluorophenol
Concen: 49.515 ng
RT: 5.592 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

Tgt Ion:112 Resp: 623000
Ion Ratio Lower Upper
112 100
64 56.7 51.6 77.4
63 28.4 27.4 41.2

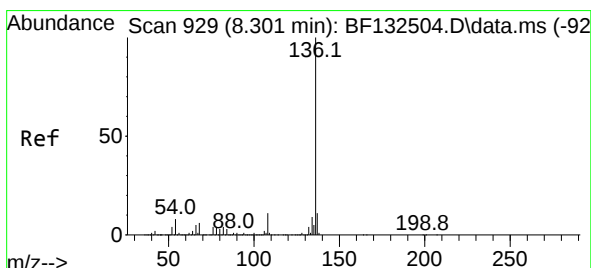
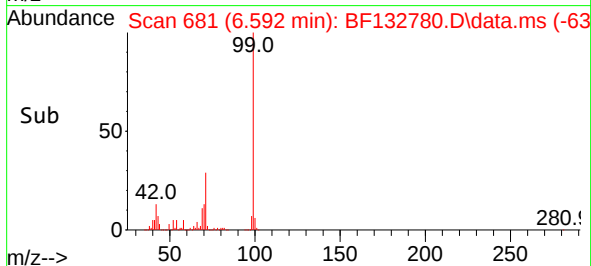
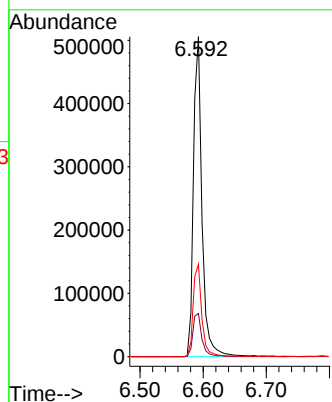
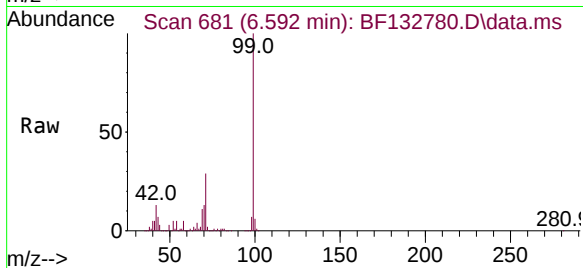




#7
Phenol-d6
Concen: 29.002 ng
RT: 6.592 min Scan# 681
Delta R.T. -0.012 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

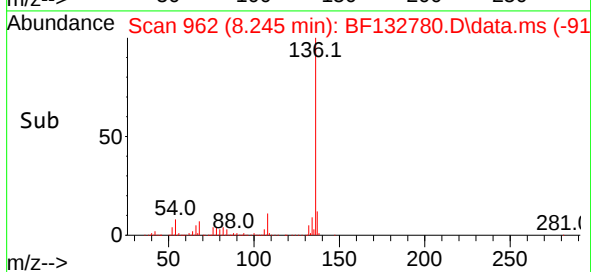
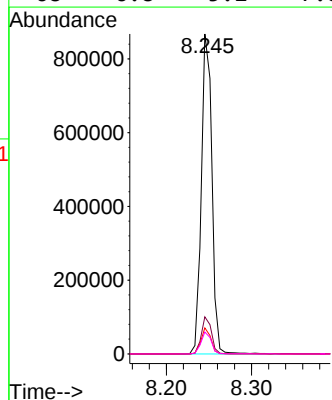
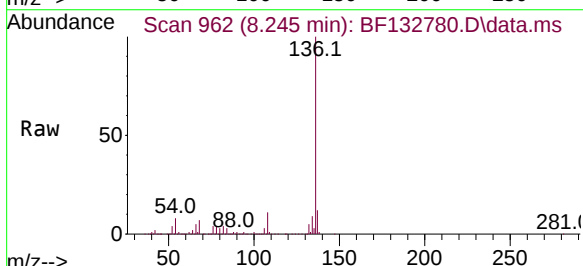
Instrument :
BNA_F
ClientSampleId :
C0AA7

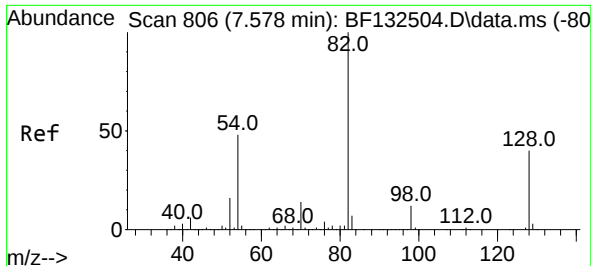
Tgt Ion: 99 Resp: 476223
Ion Ratio Lower Upper
99 100
42 13.5 13.9 20.9#
71 28.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

Tgt Ion:136 Resp: 745552
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.1 6.2 9.4
68 6.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 77.195 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132780.D

Acq: 14 Mar 2023 16:12

Instrument :

BNA_F

ClientSampleId :

C0AA7

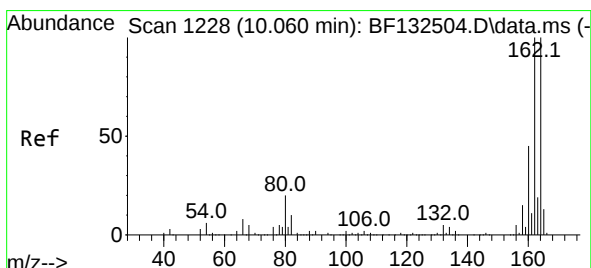
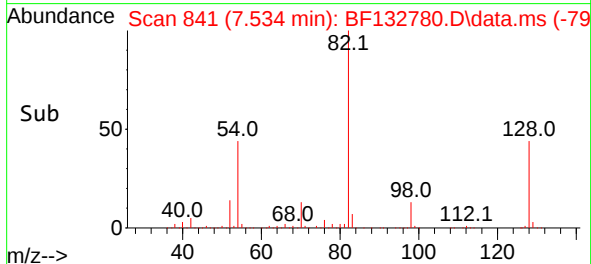
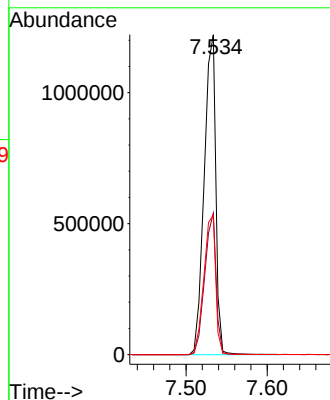
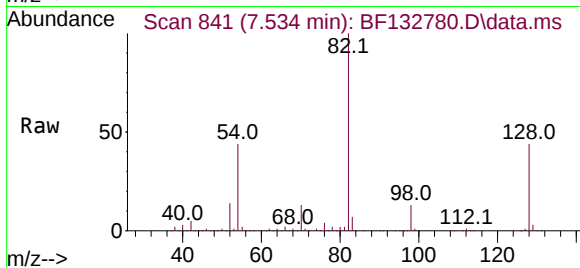
Tgt Ion: 82 Resp: 1213063

Ion Ratio Lower Upper

82 100

128 44.2 32.2 48.2

54 43.6 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF132780.D

Acq: 14 Mar 2023 16:12

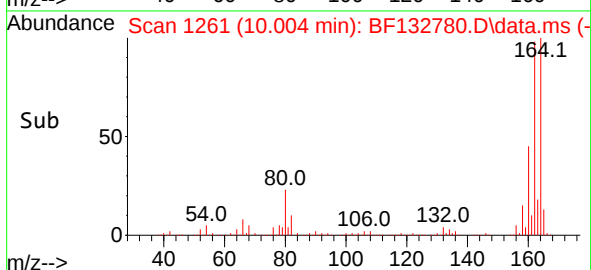
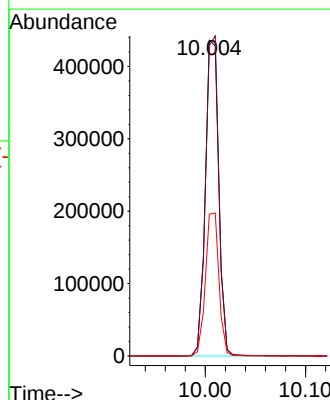
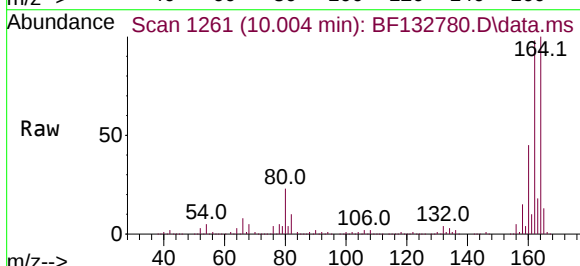
Tgt Ion: 164 Resp: 402896

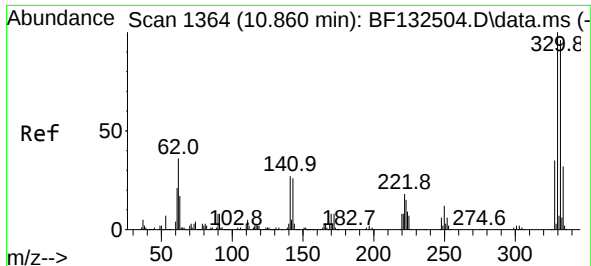
Ion Ratio Lower Upper

164 100

162 98.4 79.8 119.8

160 44.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 116.008 ng

RT: 10.804 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF132780.D

Acq: 14 Mar 2023 16:12

Instrument :

BNA_F

ClientSampleId :

C0AA7

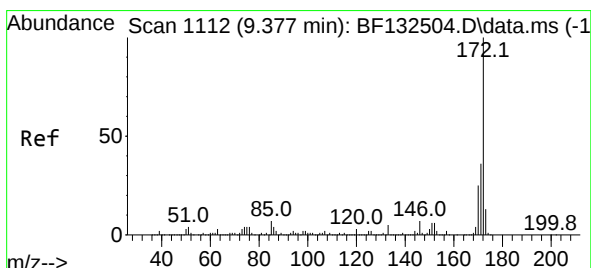
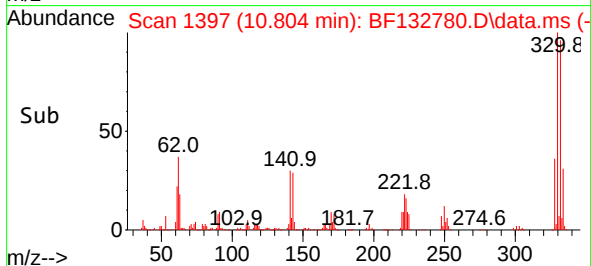
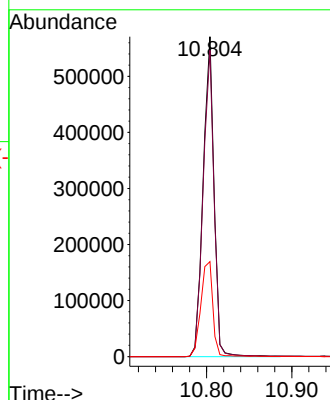
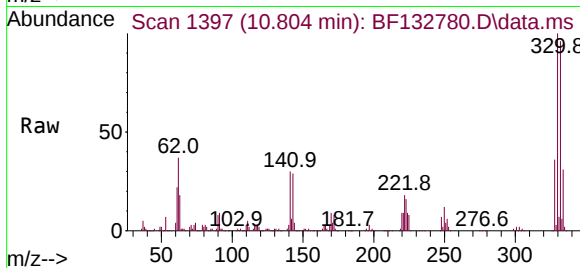
Tgt Ion:330 Resp: 504762

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 32.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 72.259 ng

RT: 9.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF132780.D

Acq: 14 Mar 2023 16:12

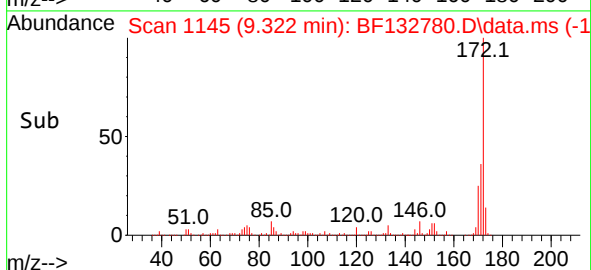
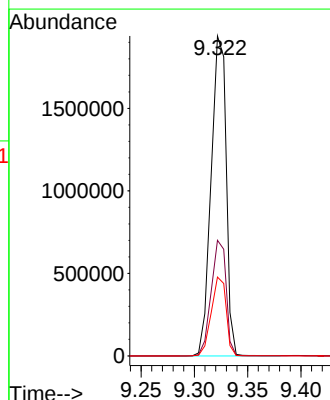
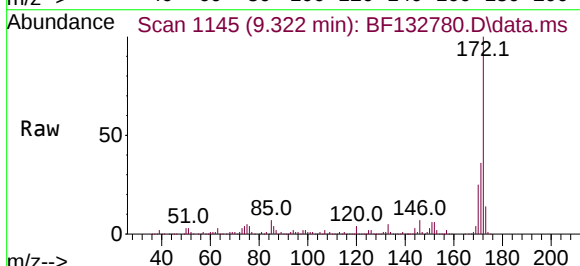
Tgt Ion:172 Resp: 1911971

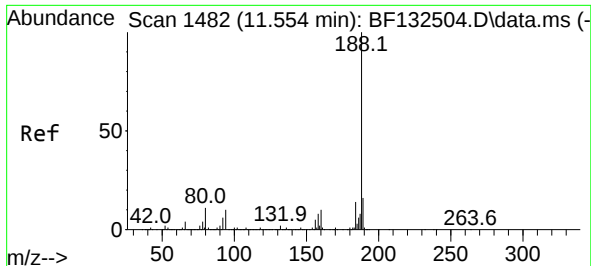
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.6 19.7 29.5

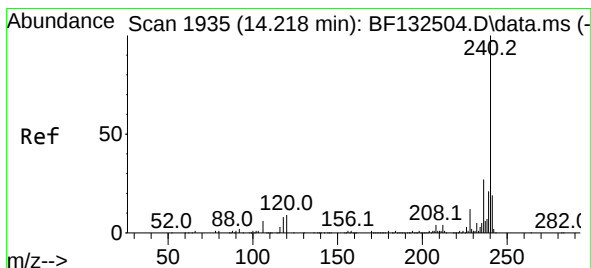
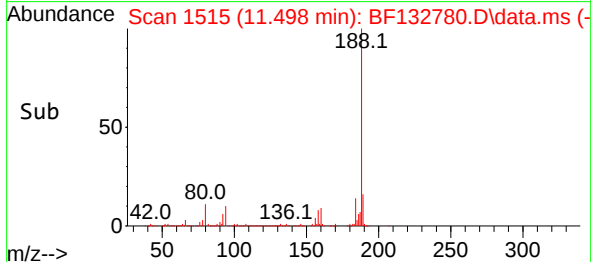
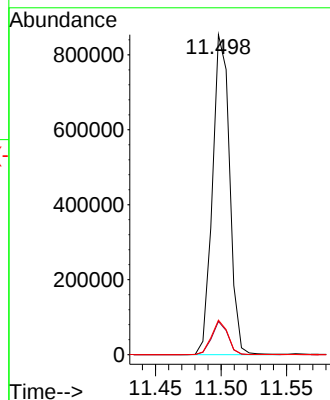
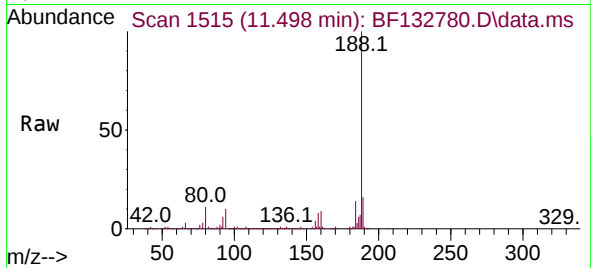




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

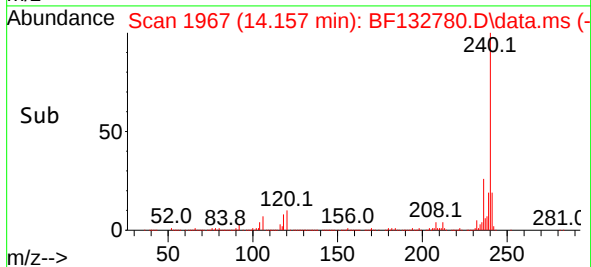
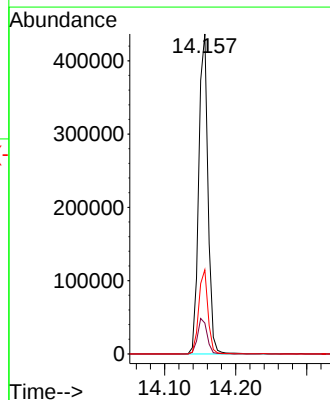
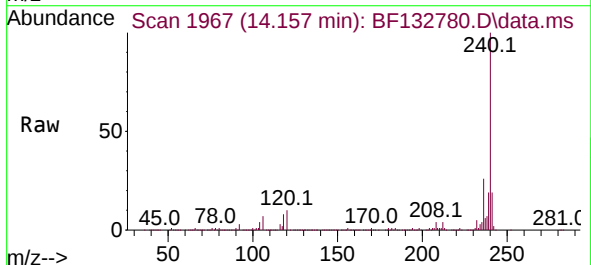
Instrument :
BNA_F
ClientSampleId :
C0AA7

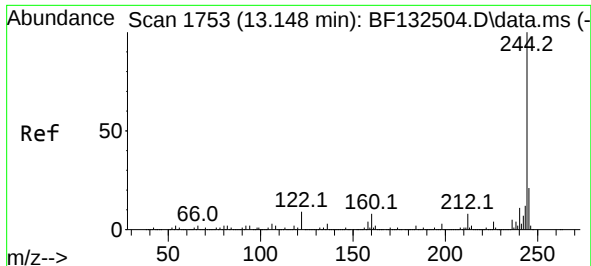
Tgt Ion:188 Resp: 777088
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.8 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132780.D
Acq: 14 Mar 2023 16:12

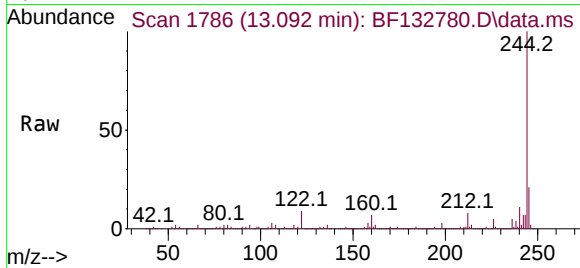
Tgt Ion:240 Resp: 391791
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.3 21.8 32.6



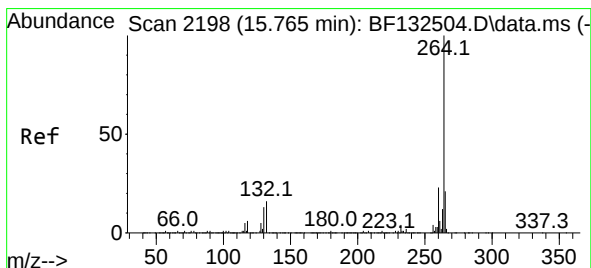
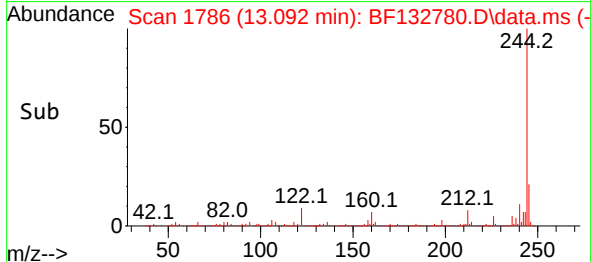
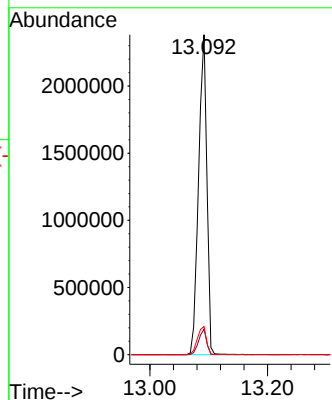


#79
 Terphenyl-d14
 Concen: 100.155 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132780.D
 Acq: 14 Mar 2023 16:12

Instrument :
 BNA_F
 ClientSampleId :
 C0AA7



Tgt Ion:244 Resp: 2320861
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.686 min Scan# 2227
 Delta R.T. -0.006 min
 Lab File: BF132780.D
 Acq: 14 Mar 2023 16:12

Tgt Ion:264 Resp: 425394
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 20.7 17.1 25.7

