

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132742.D
 Acq On : 10 Mar 2023 15:31
 Operator : CG\JU
 Sample : 01853-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230167-COMPOSITE-1-ELUTRIATE

Quant Time: Mar 10 17:51:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	209288	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	771858	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	428499	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	805931	20.000	ng	0.00
76) Chrysene-d12	14.180	240	403100	20.000	ng	0.00
86) Perylene-d12	15.721	264	422871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	327035	25.361	ng	0.00
7) Phenol-d6	6.604	99	256761	15.257	ng	-0.02
23) Nitrobenzene-d5	7.545	82	1059057	65.098	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	257110	55.560	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1781551	63.307	ng	0.00
79) Terphenyl-d14	13.110	244	1833465	76.902	ng	0.00

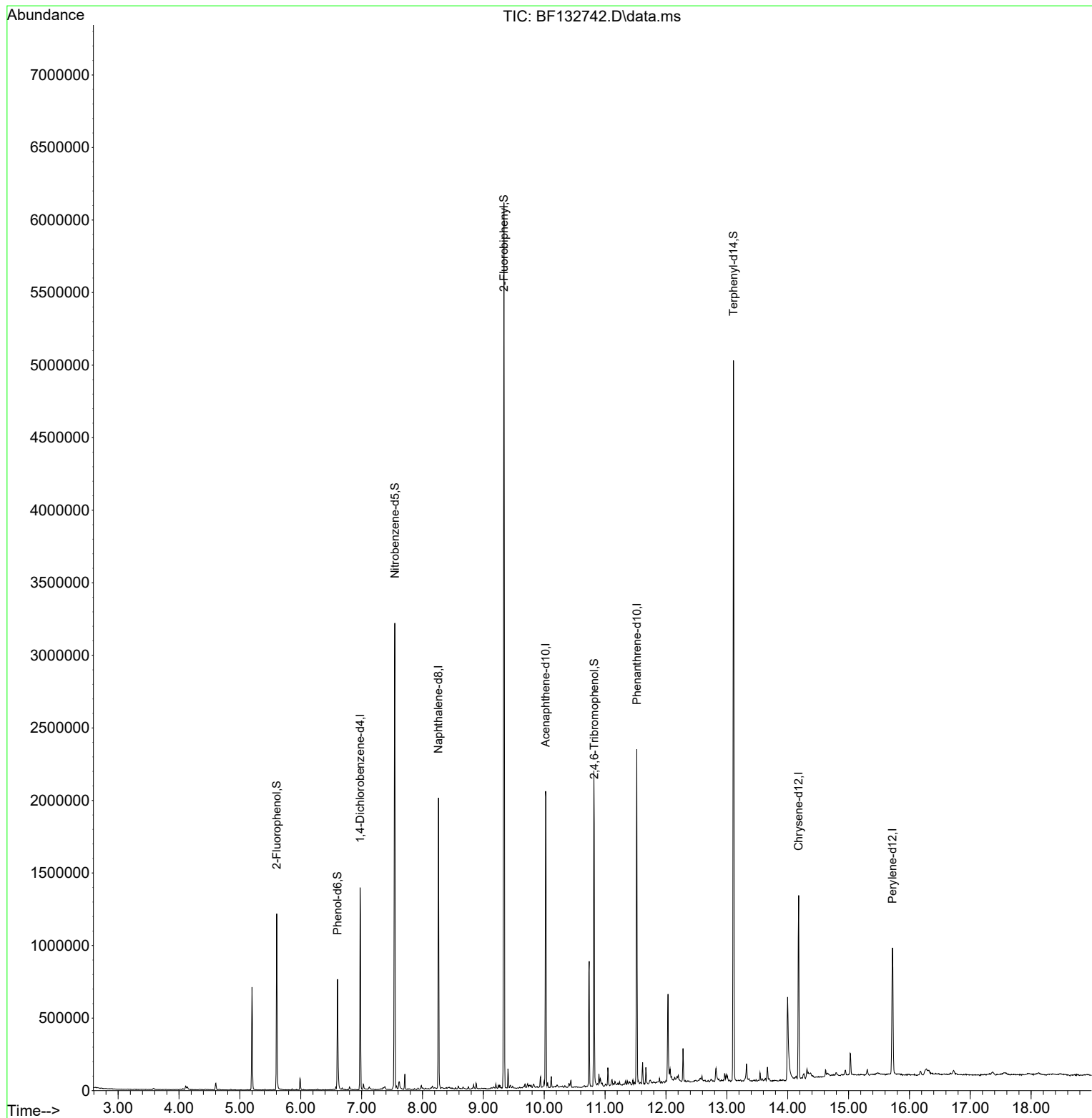
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132742.D
Acq On : 10 Mar 2023 15:31
Operator : CG\JU
Sample : 01853-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

Quant Time: Mar 10 17:51:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 16:26:19 2023
Response via : Initial Calibration

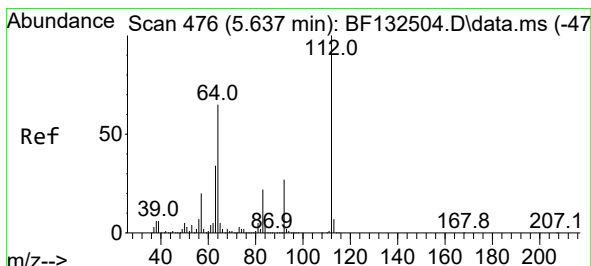
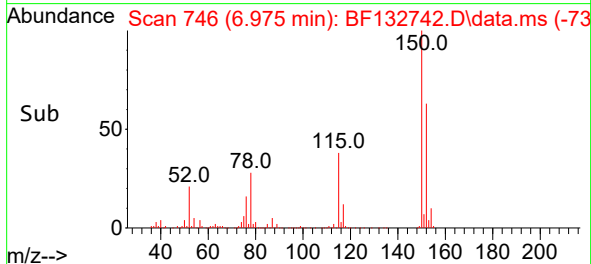
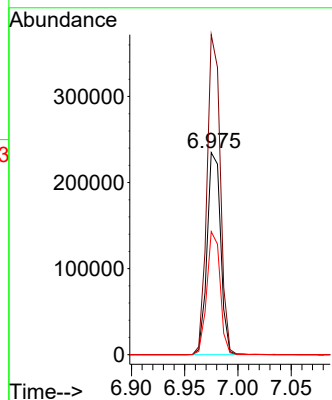
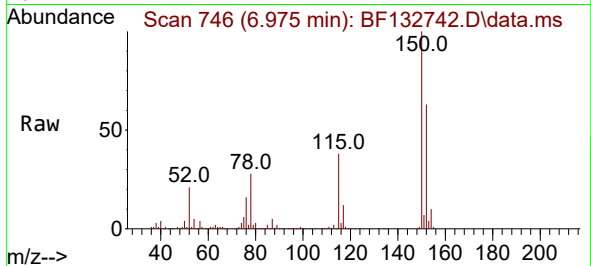




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

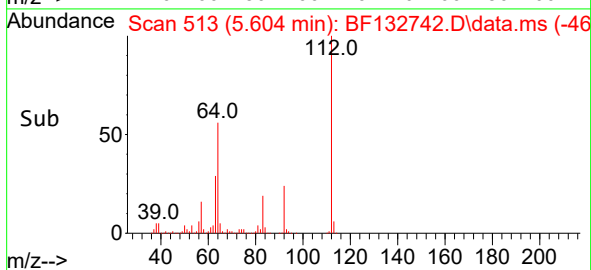
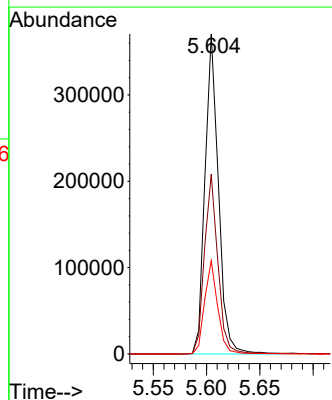
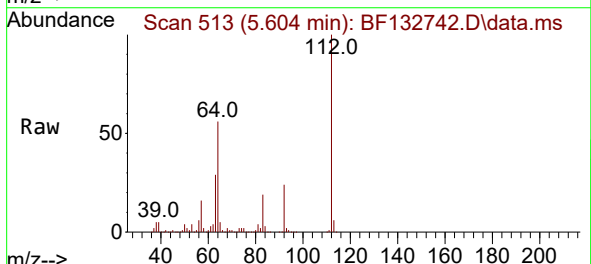
Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

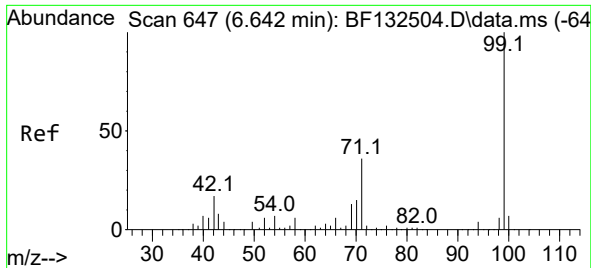
Tgt Ion:152 Resp: 209288
Ion Ratio Lower Upper
152 100
150 158.4 125.4 188.2
115 60.9 47.8 71.6



#5
2-Fluorophenol
Concen: 25.361 ng
RT: 5.604 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion:112 Resp: 327035
Ion Ratio Lower Upper
112 100
64 56.2 51.6 77.4
63 29.2 27.4 41.2

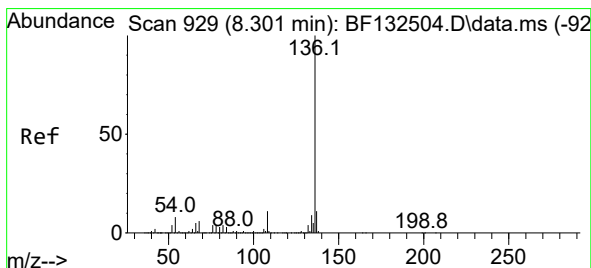
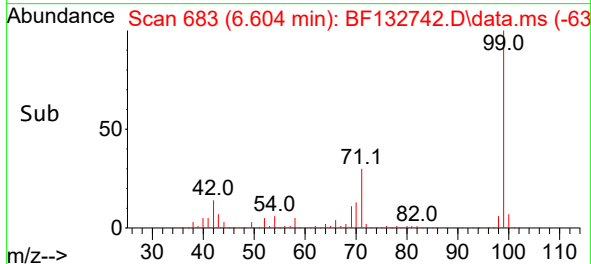
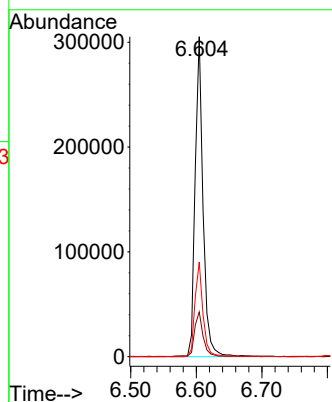
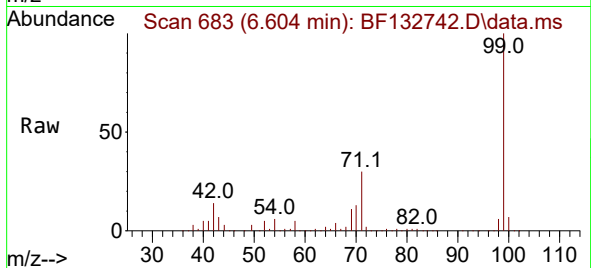




#7
Phenol-d6
Concen: 15.257 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.017 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

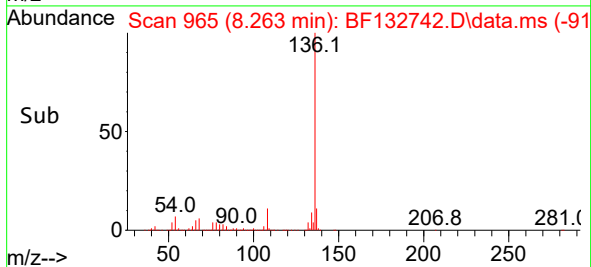
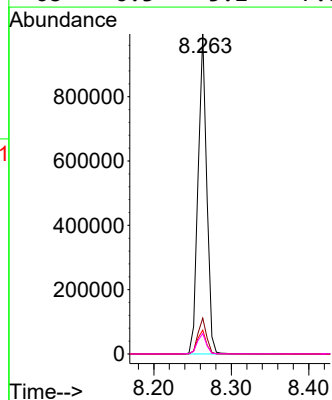
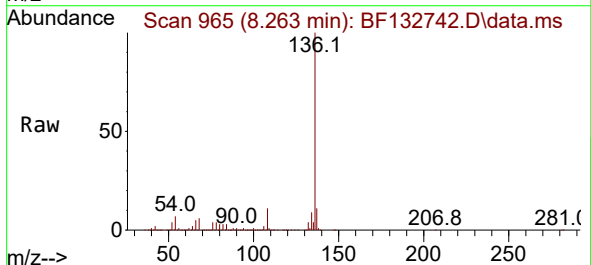
Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

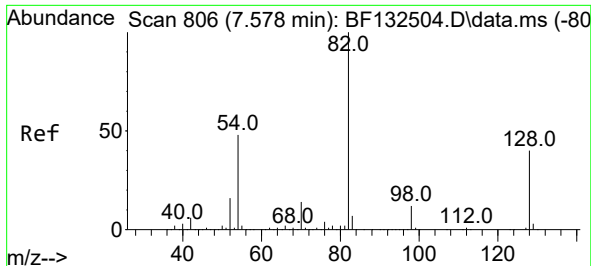
Tgt Ion: 99 Resp: 256761
Ion Ratio Lower Upper
99 100
42 14.0 13.9 20.9
71 29.6 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion: 136 Resp: 771858
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 6.2 9.4
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 65.098 ng

RT: 7.545 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132742.D

Acq: 10 Mar 2023 15:31

Instrument :

BNA_F

ClientSampleId :

20230167-COMPOSITE-1-ELUTRIATE

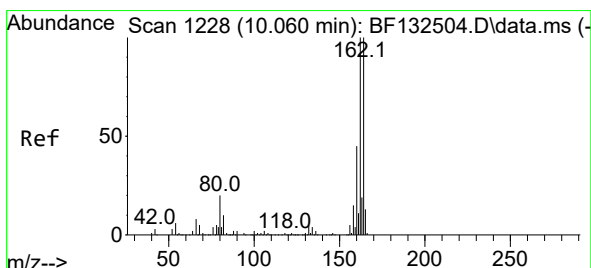
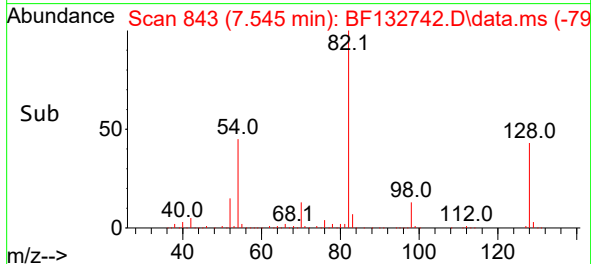
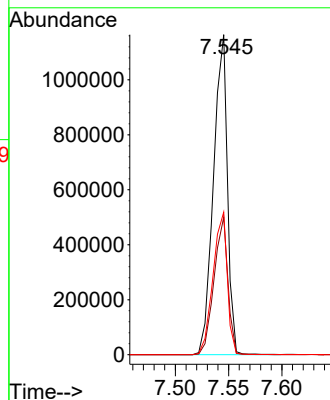
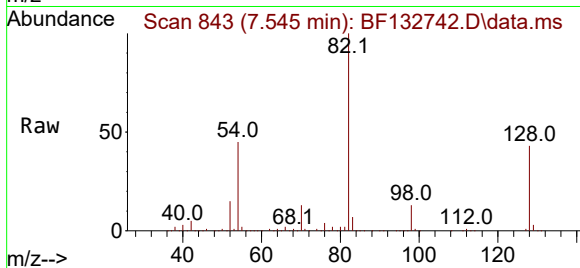
Tgt Ion: 82 Resp: 1059057

Ion Ratio Lower Upper

82 100

128 42.9 32.2 48.2

54 44.6 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1264

Delta R.T. -0.012 min

Lab File: BF132742.D

Acq: 10 Mar 2023 15:31

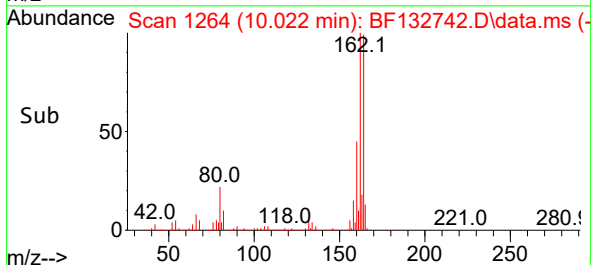
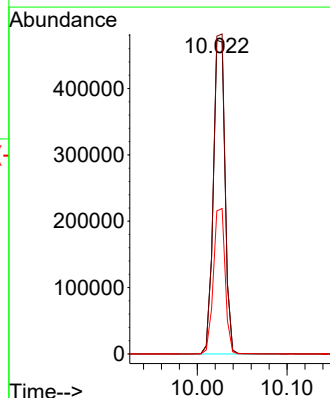
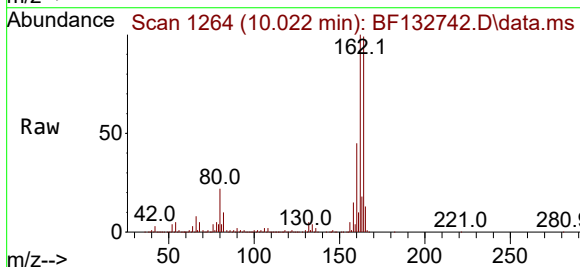
Tgt Ion:164 Resp: 428499

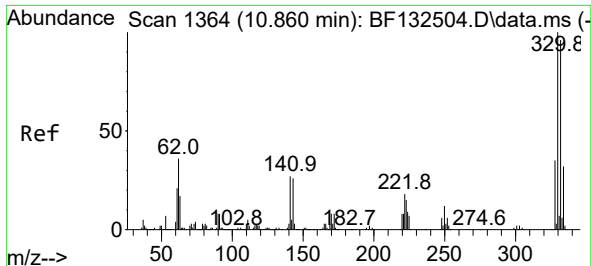
Ion Ratio Lower Upper

164 100

162 101.3 79.8 119.8

160 45.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 55.560 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF132742.D

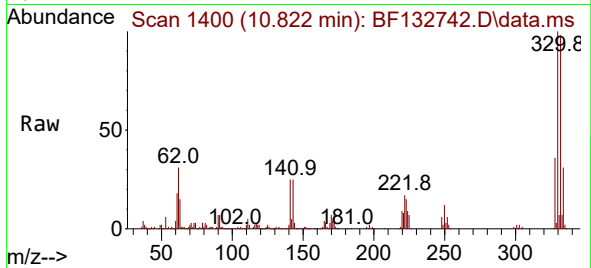
Acq: 10 Mar 2023 15:31

Instrument :

BNA_F

ClientSampleId :

20230167-COMPOSITE-1-ELUTRIATE



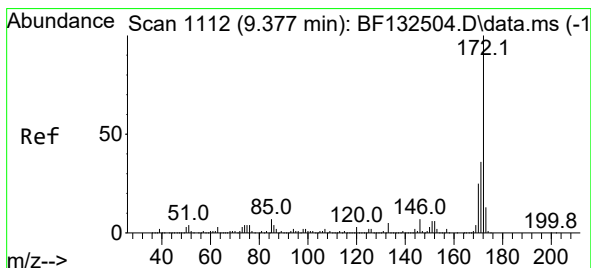
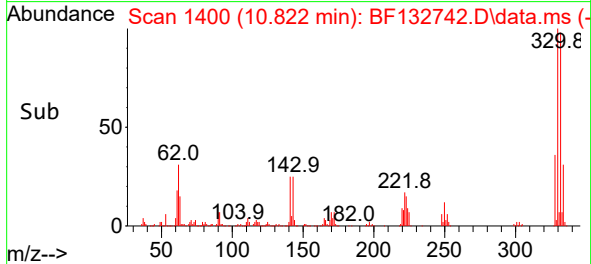
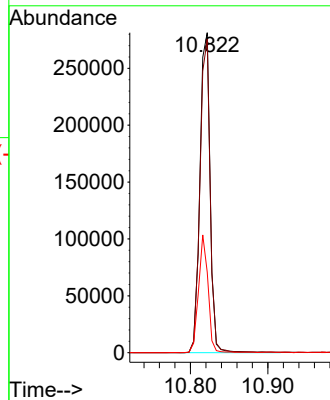
Tgt Ion:330 Resp: 257110

Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

141 34.2 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 63.307 ng

RT: 9.339 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132742.D

Acq: 10 Mar 2023 15:31

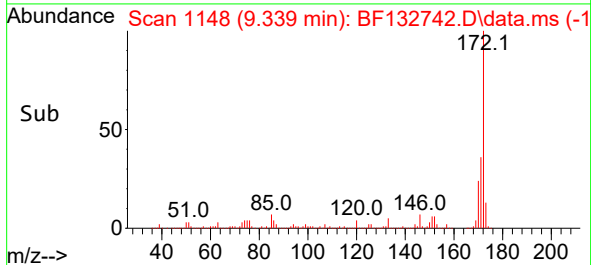
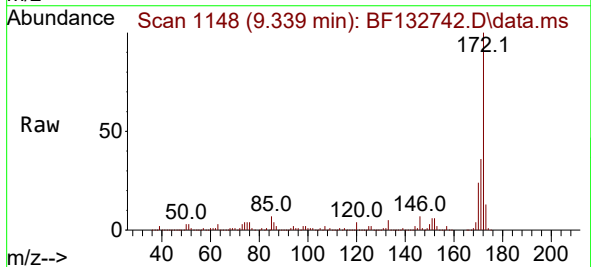
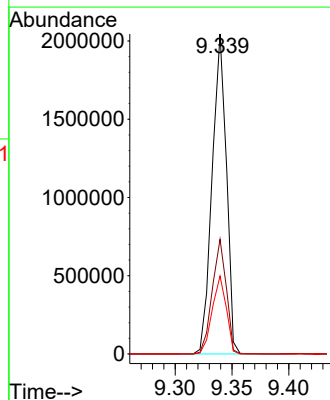
Tgt Ion:172 Resp: 1781551

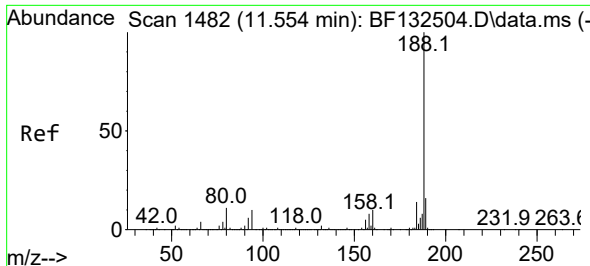
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.4 19.7 29.5

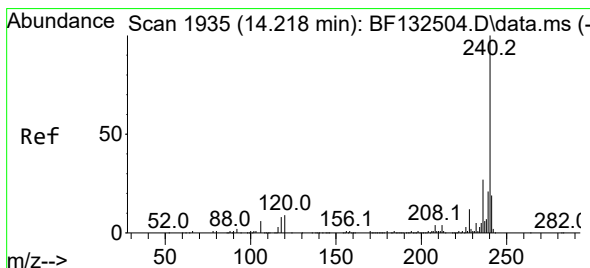
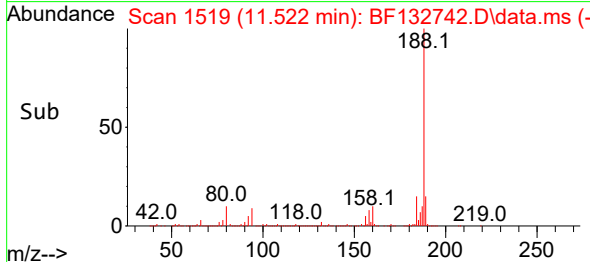
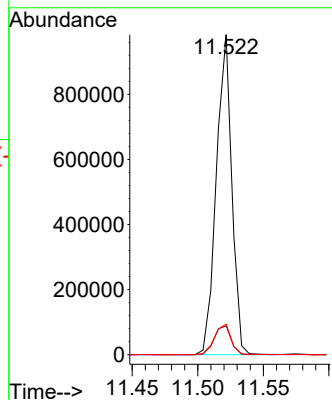
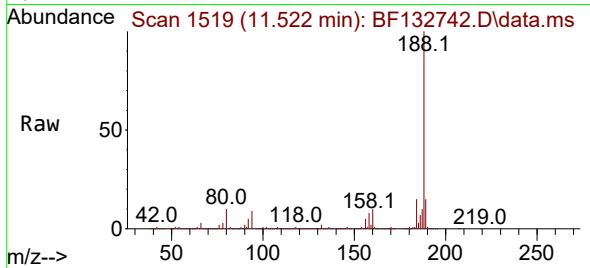




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

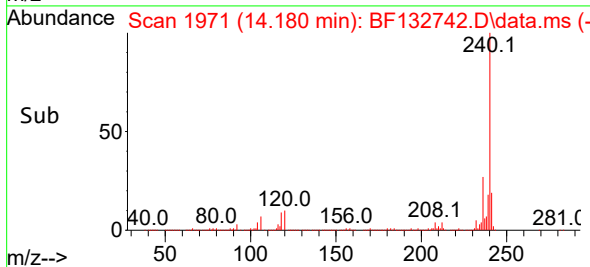
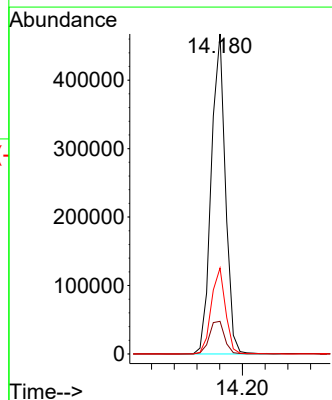
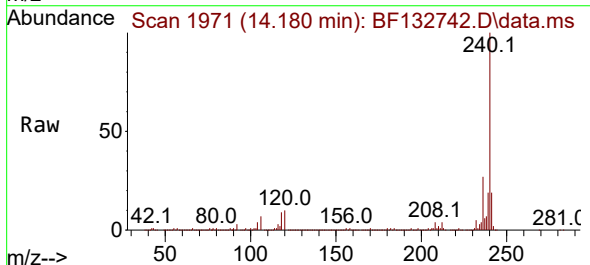
Instrument :
BNA_F
ClientSampleId :
20230167-COMPOSITE-1-ELUTRIATE

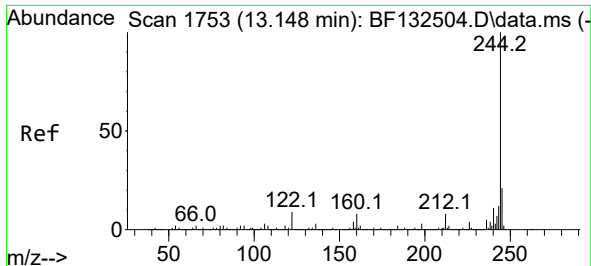
Tgt Ion:188 Resp: 805931
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.5 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132742.D
Acq: 10 Mar 2023 15:31

Tgt Ion:240 Resp: 403100
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 26.8 21.8 32.6

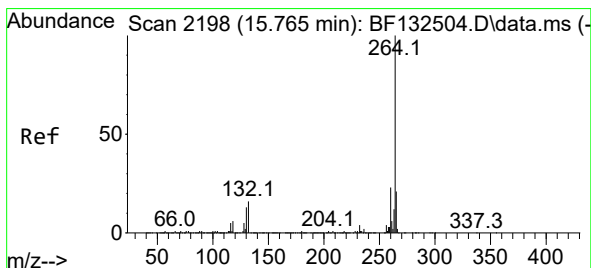
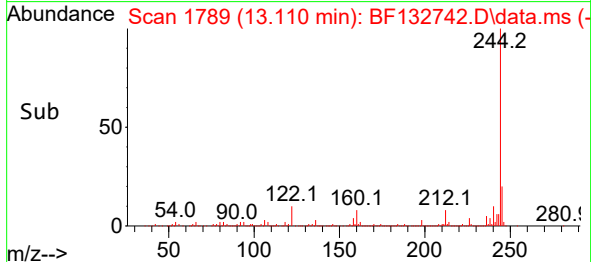
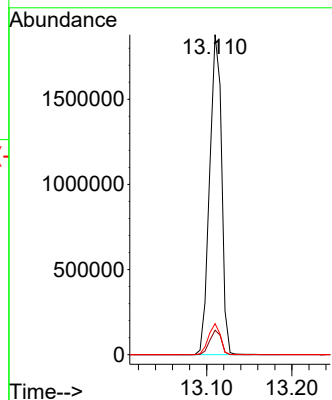
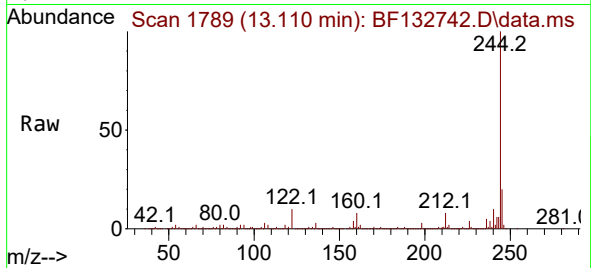




#79
 Terphenyl-d14
 Concen: 76.902 ng
 RT: 13.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132742.D
 Acq: 10 Mar 2023 15:31

Instrument :
 BNA_F
 ClientSampleId :
 20230167-COMPOSITE-1-ELUTRIATE

Tgt Ion:244 Resp: 1833465
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.7 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.721 min Scan# 2233
 Delta R.T. -0.006 min
 Lab File: BF132742.D
 Acq: 10 Mar 2023 15:31

Tgt Ion:264 Resp: 422871
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.8 28.2
 265 22.1 17.1 25.7

