

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132718.D
 Acq On : 09 Mar 2023 15:10
 Operator : CG\JU
 Sample : 01834-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Mar 09 16:30:48 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	6.981	152	175854	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	648157	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	320161	20.000	ng	-0.01
64) Phenanthrene-d10	11.521	188	506189	20.000	ng	0.00
76) Chrysene-d12	14.180	240	390926	20.000	ng	0.00
86) Perylene-d12	15.721	264	374873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	982060	90.635	ng	0.00
7) Phenol-d6	6.610	99	1246420	88.142	ng	-0.01
23) Nitrobenzene-d5	7.539	82	795543	58.233	ng	-0.02
42) 2,4,6-Tribromophenol	10.821	330	243531	70.433	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1289905	61.347	ng	0.00
79) Terphenyl-d14	13.110	244	1114646	48.208	ng	0.00

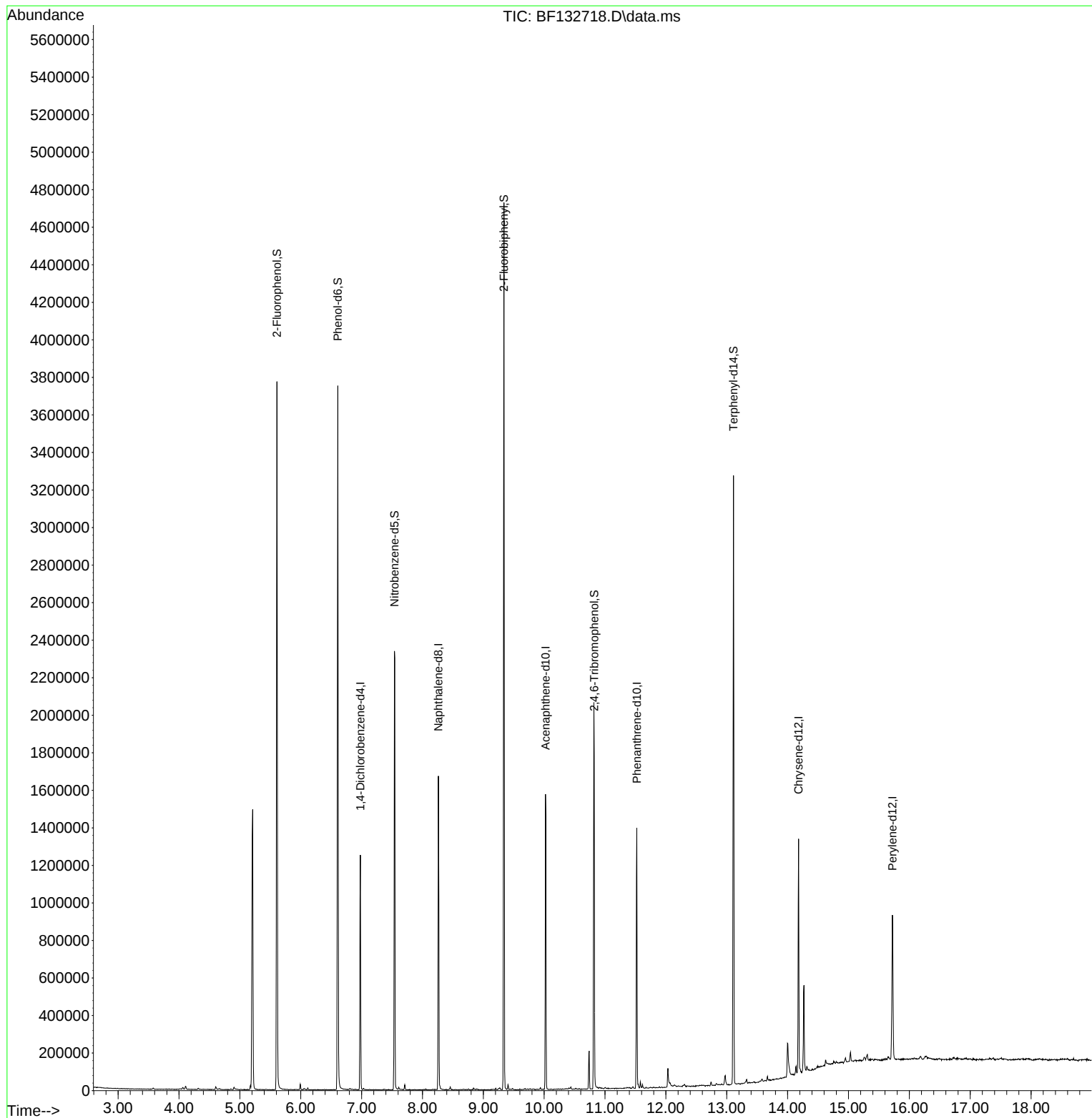
Target Compounds	Qvalue

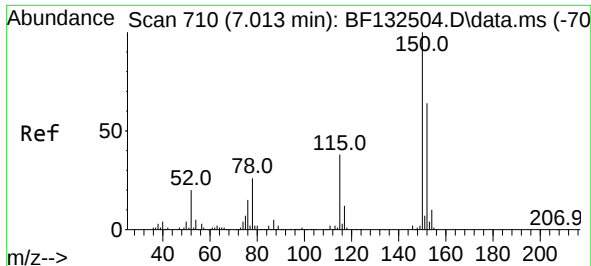
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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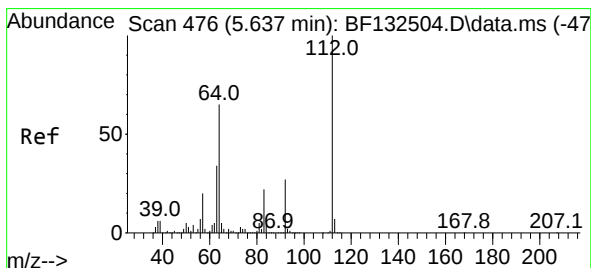
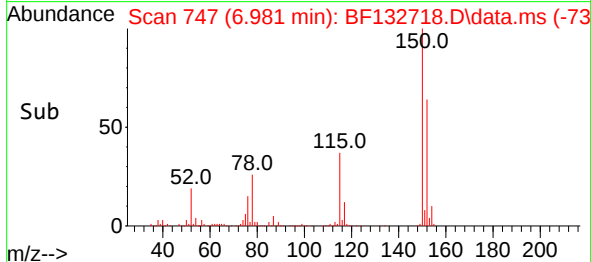
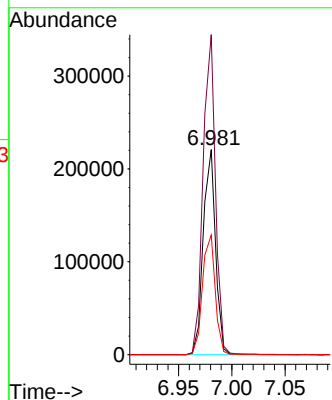
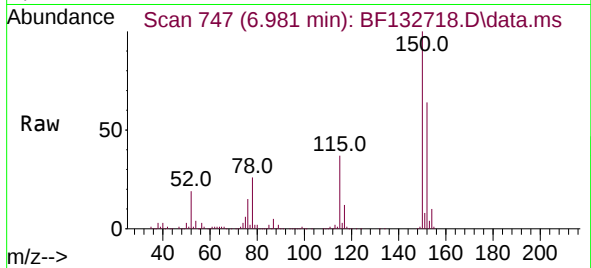




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

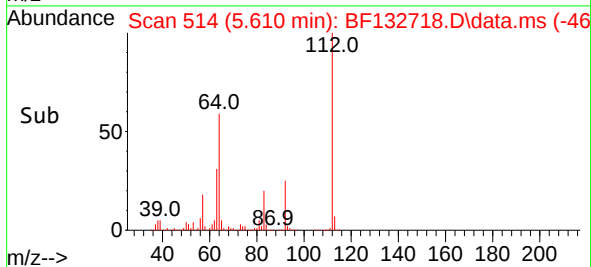
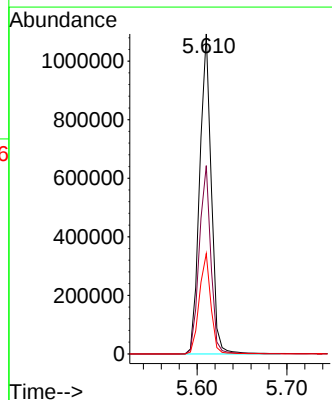
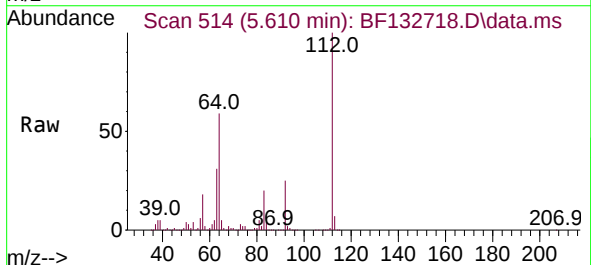
Instrument :
BNA_F
ClientSampleId :
TP-9

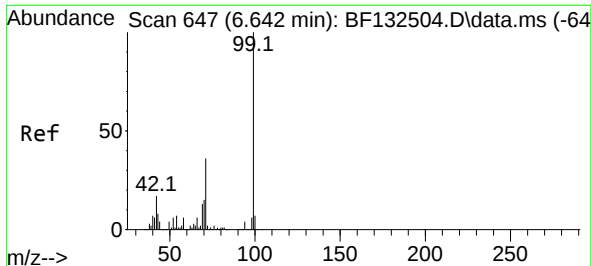
Tgt Ion:152 Resp: 175854
Ion Ratio Lower Upper
152 100
150 156.1 125.4 188.2
115 58.3 47.8 71.6



#5
2-Fluorophenol
Concen: 90.635 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

Tgt Ion:112 Resp: 982060
Ion Ratio Lower Upper
112 100
64 58.8 51.6 77.4
63 31.3 27.4 41.2

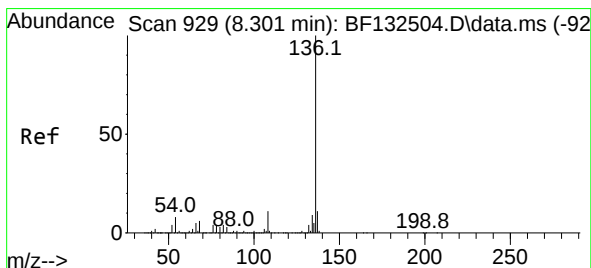
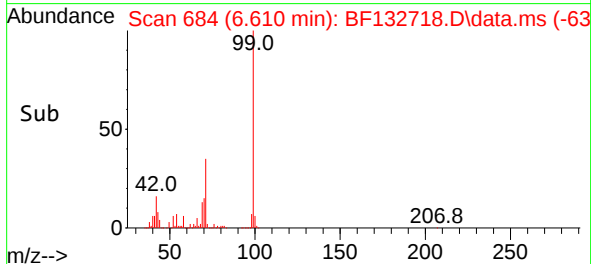
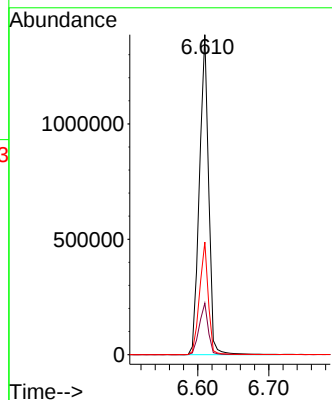
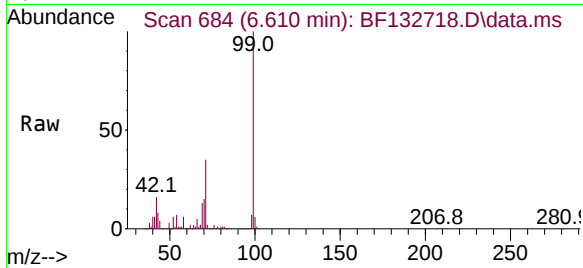




#7
Phenol-d6
Concen: 88.142 ng
RT: 6.610 min Scan# 684
Delta R.T. -0.012 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

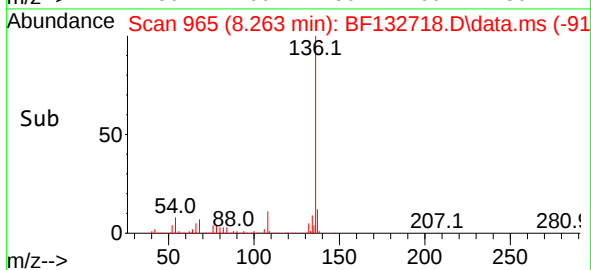
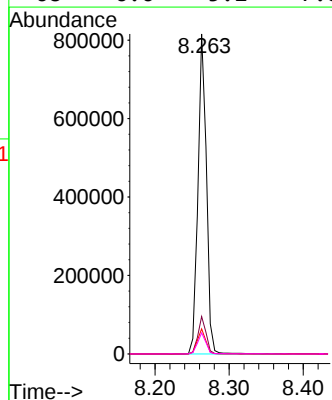
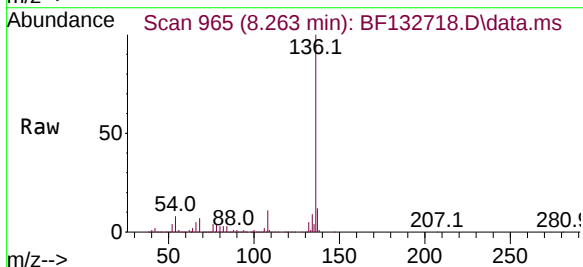
Instrument :
BNA_F
ClientSampleId :
TP-9

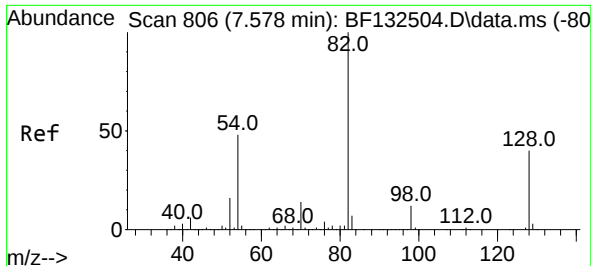
Tgt Ion: 99 Resp: 1246420
Ion Ratio Lower Upper
99 100
42 16.1 13.9 20.9
71 35.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

Tgt Ion: 136 Resp: 648157
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 7.8 6.2 9.4
68 6.6 5.2 7.8

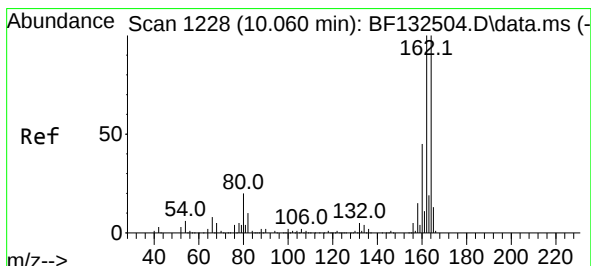
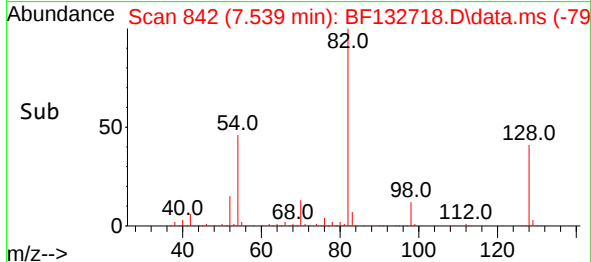
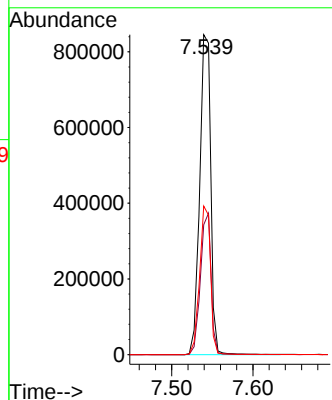
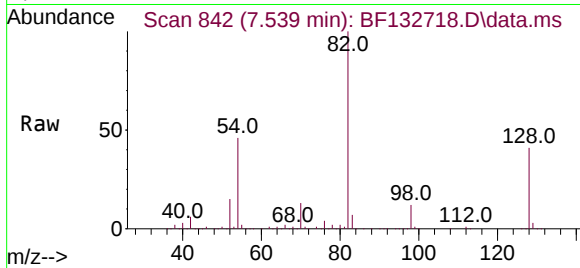




#23
Nitrobenzene-d5
Concen: 58.233 ng
RT: 7.539 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

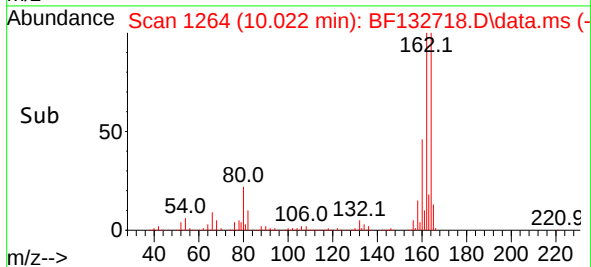
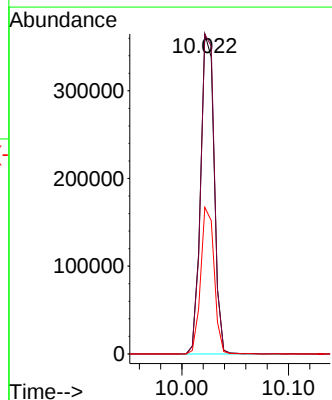
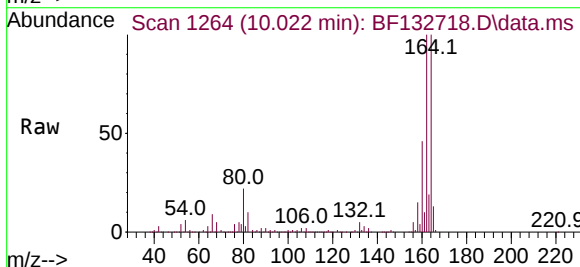
Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion: 82 Resp: 795543
Ion Ratio Lower Upper
82 100
128 40.6 32.2 48.2
54 46.4 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: BF132718.D
Acq: 09 Mar 2023 15:10

Tgt Ion:164 Resp: 320161
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 45.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 70.433 ng

RT: 10.821 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132718.D

Acq: 09 Mar 2023 15:10

Instrument :

BNA_F

ClientSampleId :

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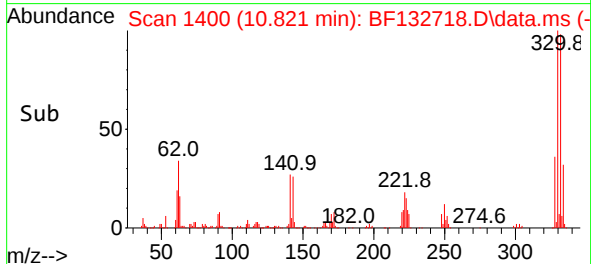
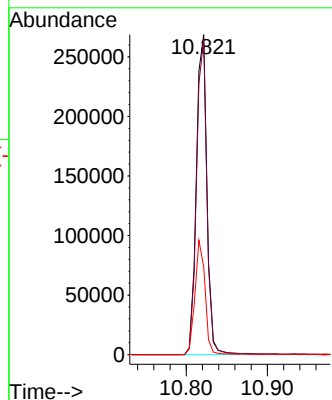
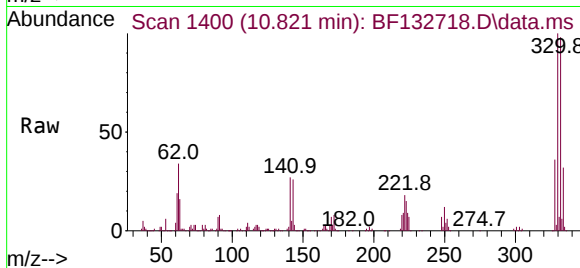
Tgt Ion:330 Resp: 243531

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 34.1 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 61.347 ng

RT: 9.339 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF132718.D

Acq: 09 Mar 2023 15:10

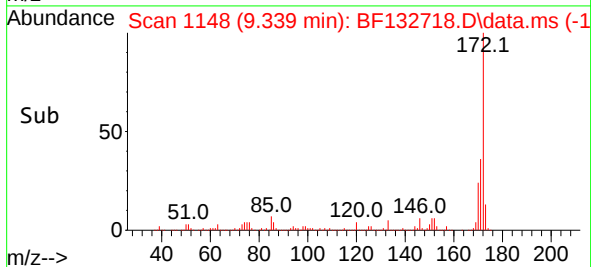
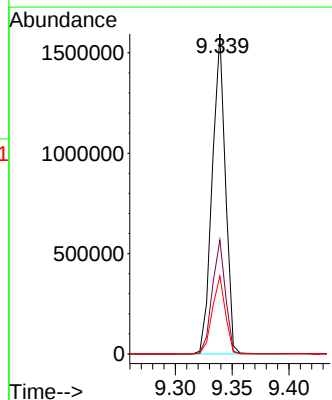
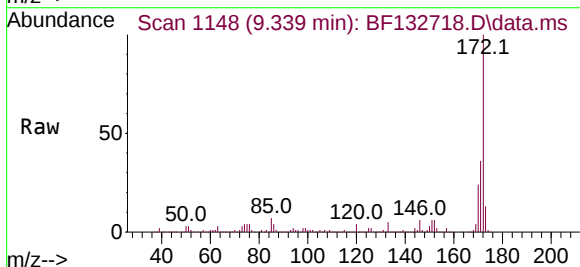
Tgt Ion:172 Resp: 1289905

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.3 19.7 29.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.521 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

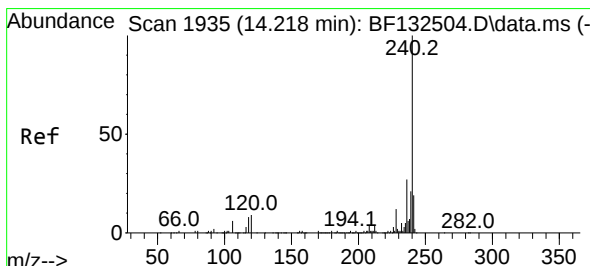
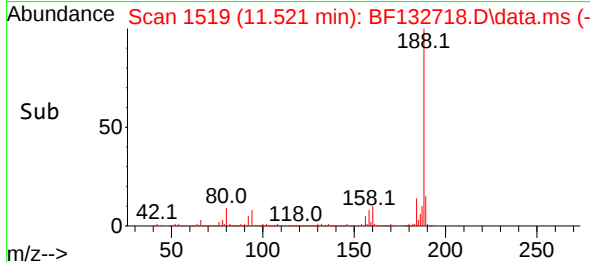
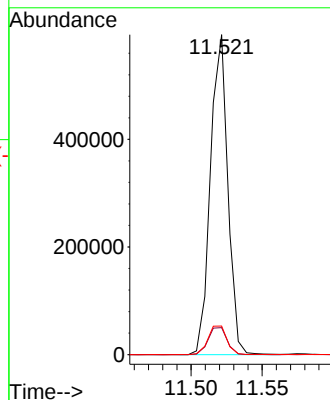
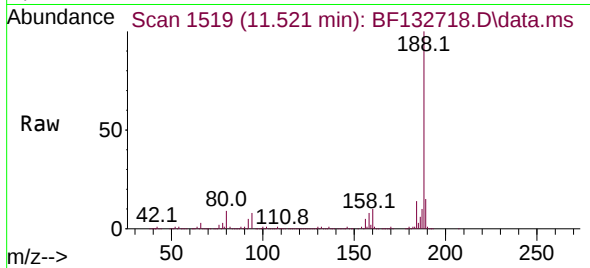
Instrument :

BNA_F

ClientSampleId :

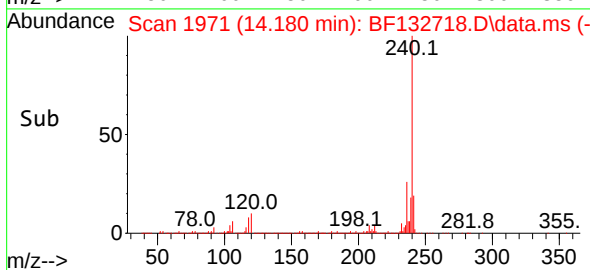
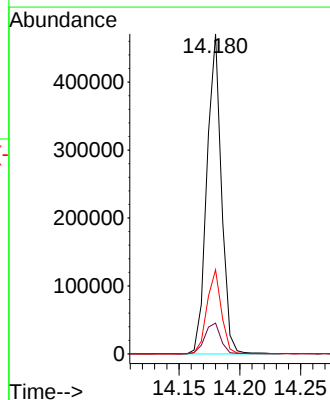
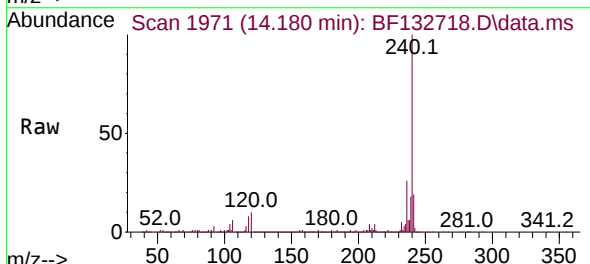
TP-9

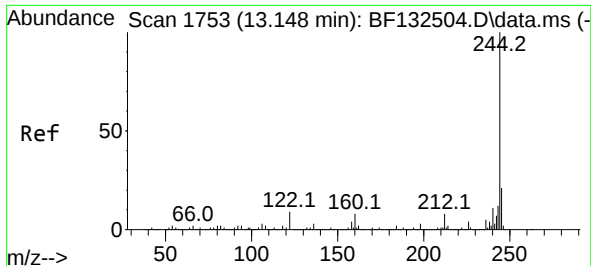
Tgt Ion:188 Resp: 506189
Ion Ratio Lower Upper
188 100
94 8.4 8.3 12.5
80 8.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132718.D
Acq: 09 Mar 2023 15:10

Tgt Ion:240 Resp: 390926
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 26.3 21.8 32.6

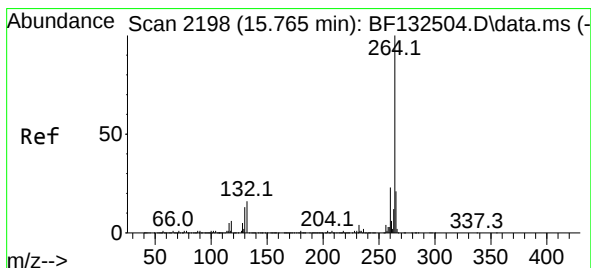
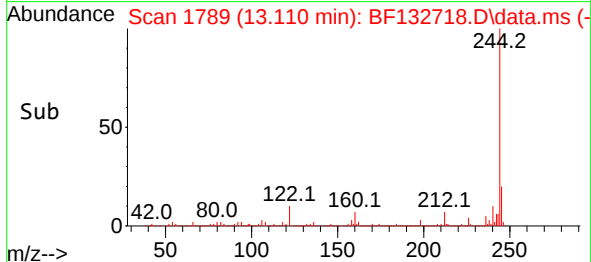
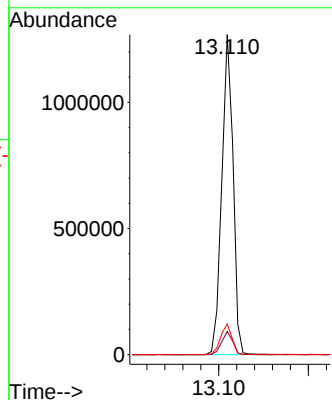
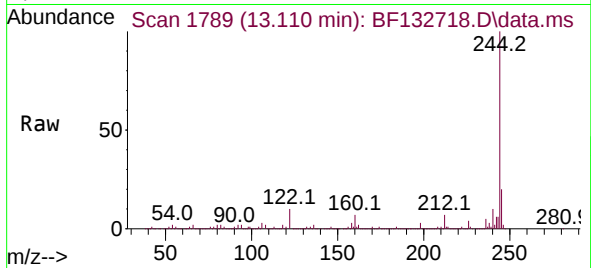




#79
 Terphenyl-d14
 Concen: 48.208 ng
 RT: 13.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132718.D
 Acq: 09 Mar 2023 15:10

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tgt Ion:244 Resp: 1114646
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.6 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: BF132718.D
 Acq: 09 Mar 2023 15:10

Tgt Ion:264 Resp: 374873
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 20.7 17.1 25.7

