

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132526.D
 Acq On : 23 Feb 2023 18:14
 Operator : CG\JU
 Sample : 01661-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-I1

Quant Time: Feb 24 00:39:09 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)

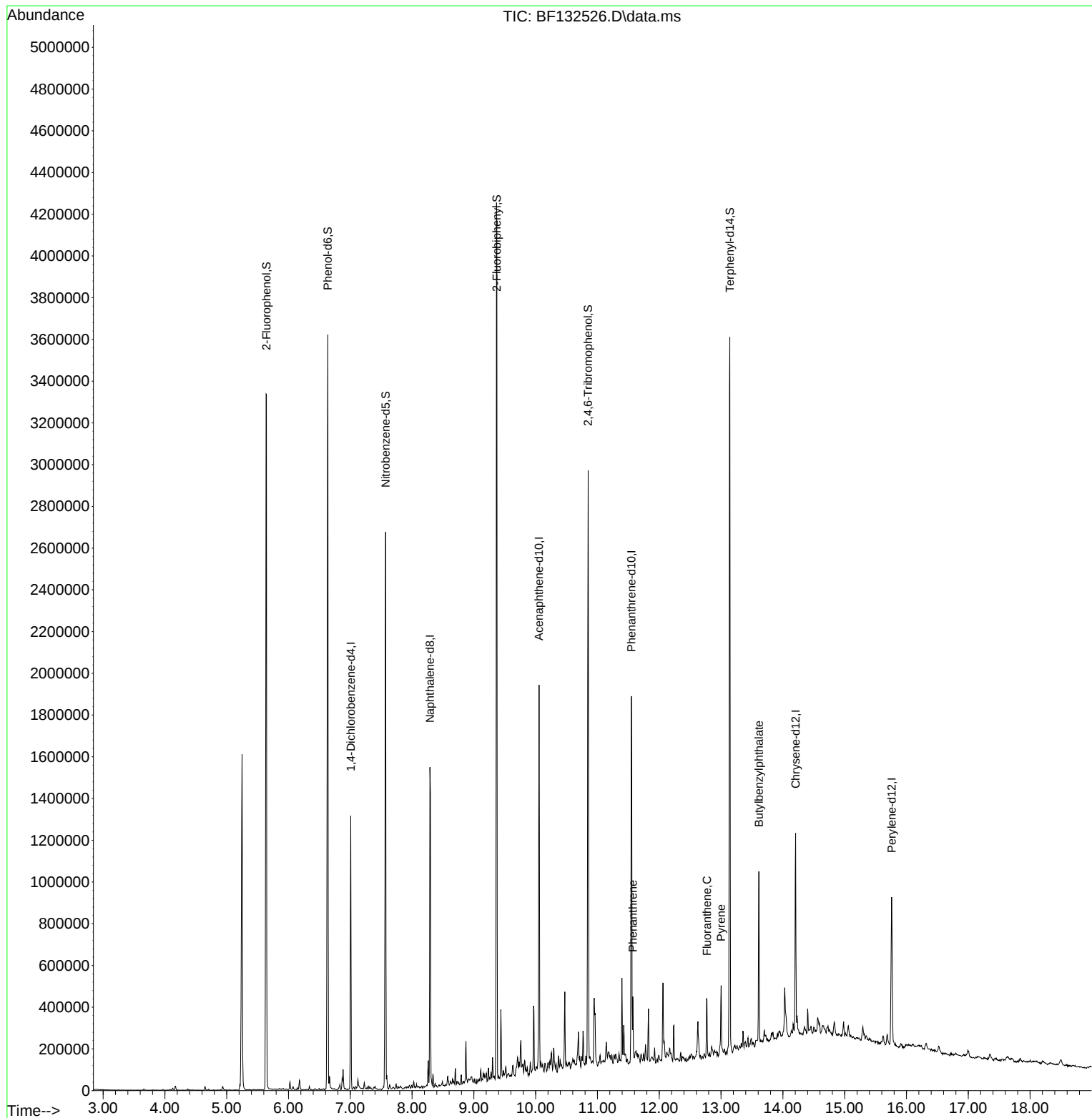
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	174058	20.000	ng	0.00
21) Naphthalene-d8	8.289	136	653758	20.000	ng	-0.01
39) Acenaphthene-d10	10.054	164	354022	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	629791	20.000	ng	0.00
76) Chrysene-d12	14.207	240	313386	20.000	ng	-0.01
86) Perylene-d12	15.760	264	349856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	954466	88.997	ng	0.00
7) Phenol-d6	6.637	99	1261526	90.131	ng	0.00
23) Nitrobenzene-d5	7.572	82	847121	61.477	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	313324	81.951	ng	-0.01
45) 2-Fluorobiphenyl	9.372	172	1334791	57.410	ng	0.00
79) Terphenyl-d14	13.142	244	1224697	66.074	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.572	178	94979	2.911	ng	98
75) Fluoranthene	12.772	202	106422	2.984	ng	98
78) Pyrene	13.001	202	92726	3.254	ng	98
80) Butylbenzylphthalate	13.613	149	164601	14.639	ng	100

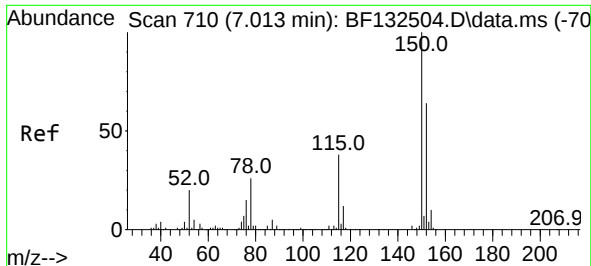
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132526.D
Acq On : 23 Feb 2023 18:14
Operator : CG\JU
Sample : 01661-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-I1

Quant Time: Feb 24 00:39:09 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

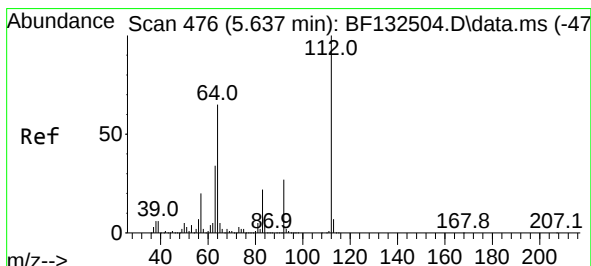
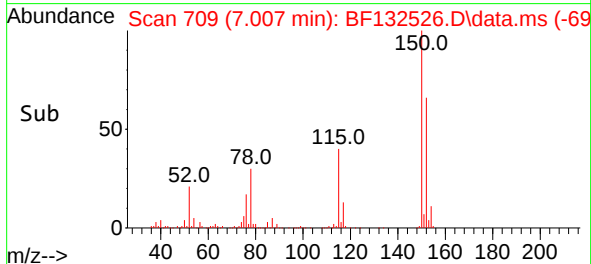
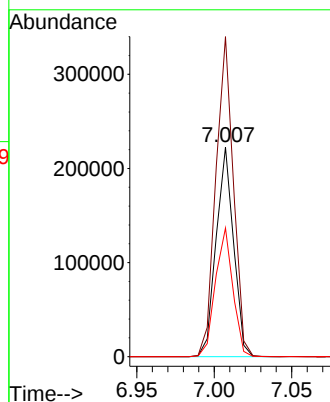
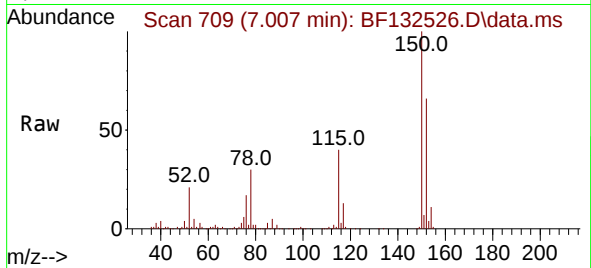




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

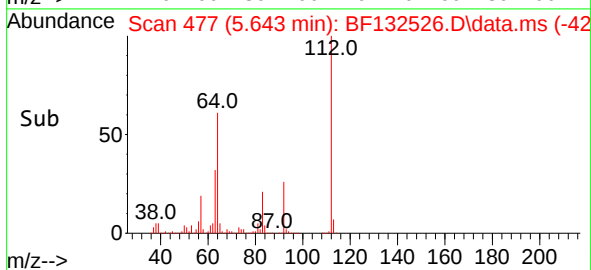
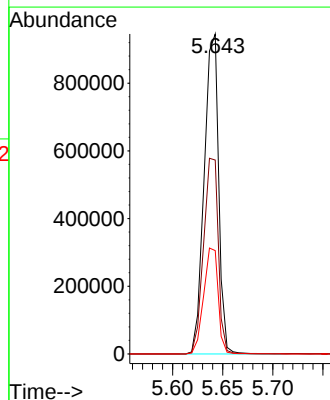
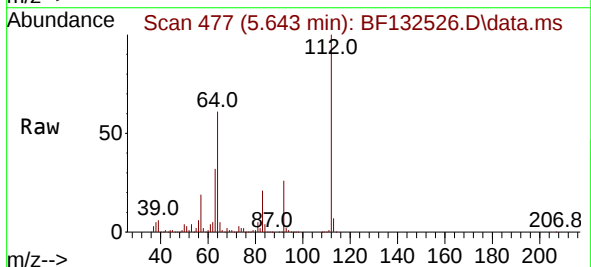
Instrument :
BNA_F
ClientSampleId :
WC-I1

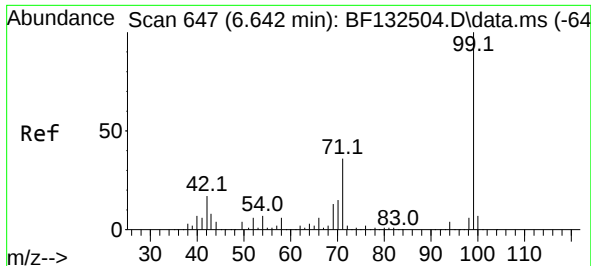
Tgt Ion:152 Resp: 174058
Ion Ratio Lower Upper
152 100
150 152.6 125.4 188.2
115 61.3 47.8 71.6



#5
2-Fluorophenol
Concen: 88.997 ng
RT: 5.643 min Scan# 477
Delta R.T. 0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:112 Resp: 954466
Ion Ratio Lower Upper
112 100
64 60.6 51.6 77.4
63 32.3 27.4 41.2

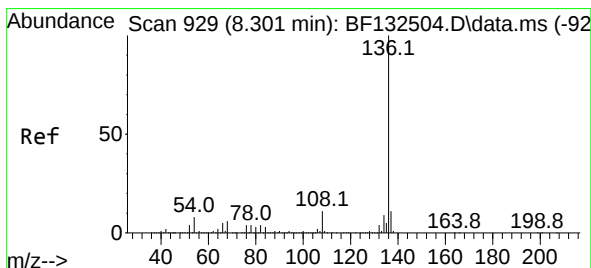
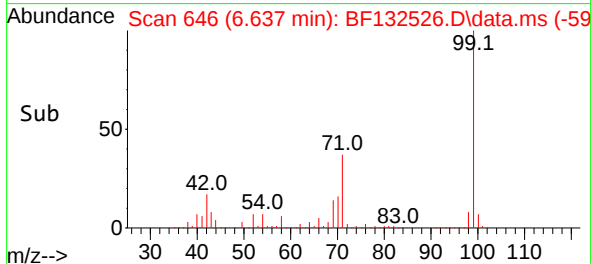
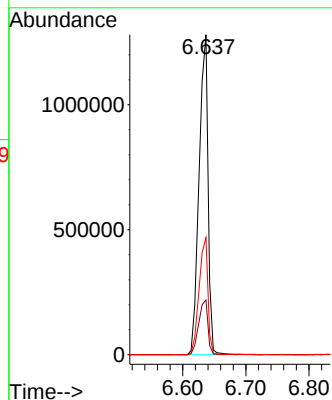
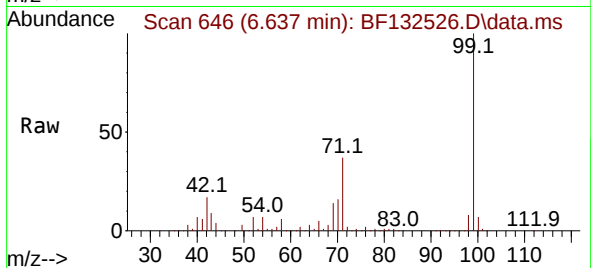




#7
Phenol-d6
Concen: 90.131 ng
RT: 6.637 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

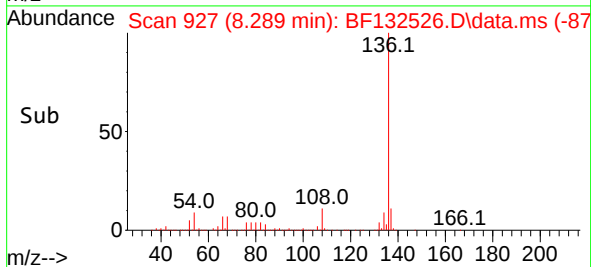
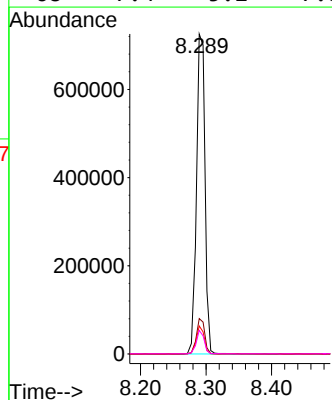
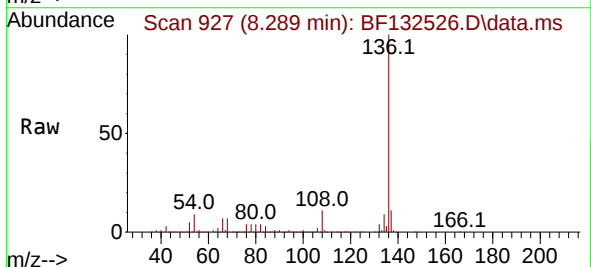
Instrument :
BNA_F
ClientSampleId :
WC-I1

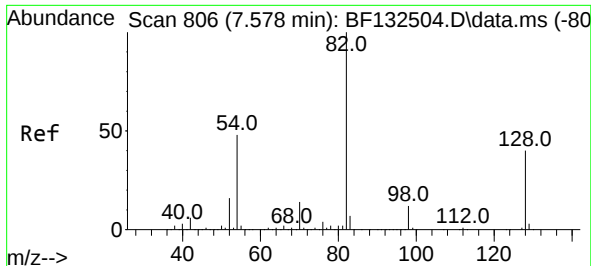
Tgt Ion: 99 Resp: 1261526
Ion Ratio Lower Upper
99 100
42 17.1 13.9 20.9
71 36.6 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 927
Delta R.T. -0.012 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion: 136 Resp: 653758
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.8 6.2 9.4
68 7.4 5.2 7.8

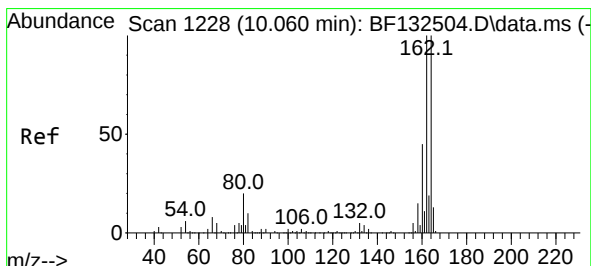
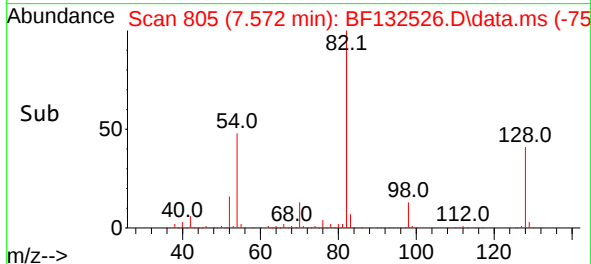
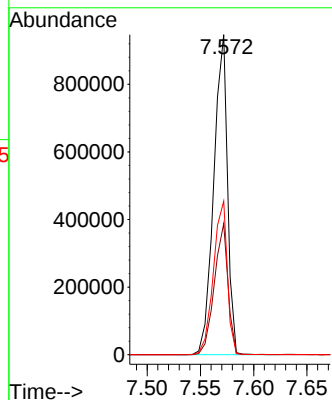
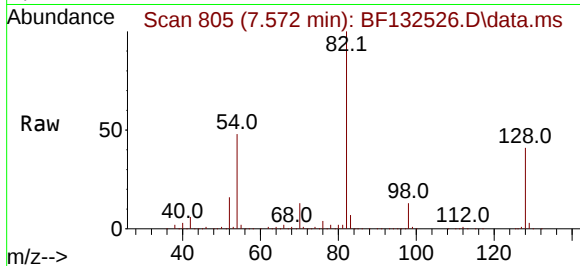




#23
Nitrobenzene-d5
Concen: 61.477 ng
RT: 7.572 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

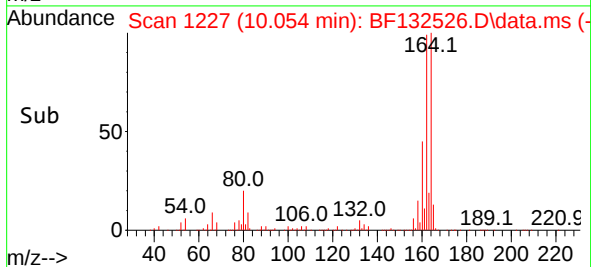
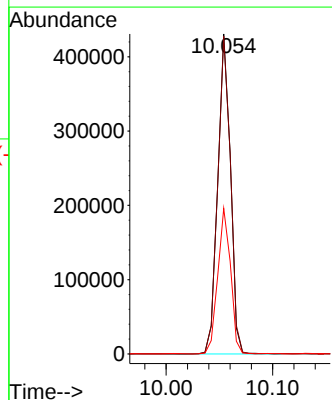
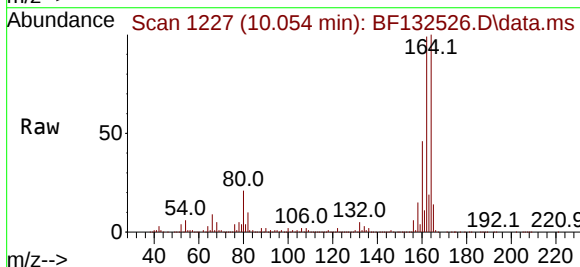
Instrument :
BNA_F
ClientSampleId :
WC-I1

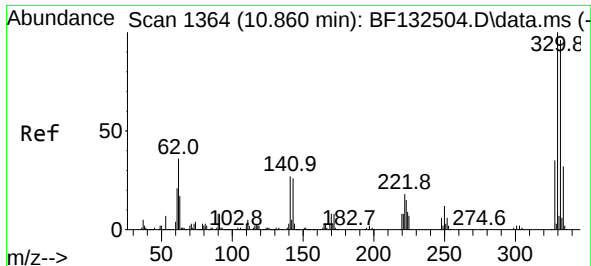
Tgt Ion: 82 Resp: 847121
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.2
54 48.0 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion: 164 Resp: 354022
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 45.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 81.951 ng

RT: 10.848 min Scan# 1111

Delta R.T. -0.012 min

Lab File: BF132526.D

Acq: 23 Feb 2023 18:14

Instrument :

BNA_F

ClientSampleId :

WC-I1

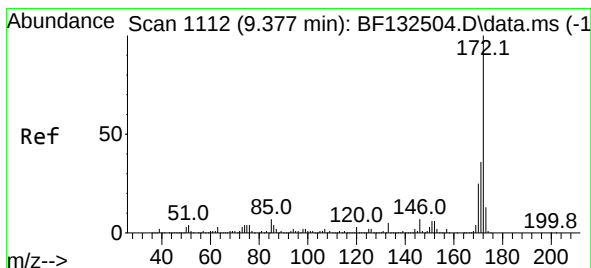
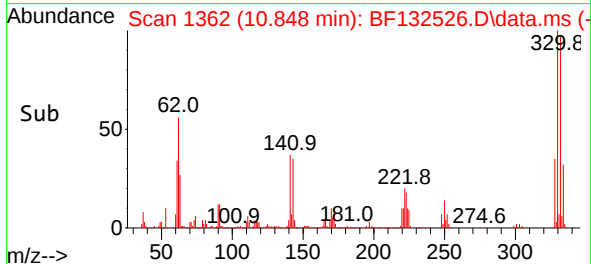
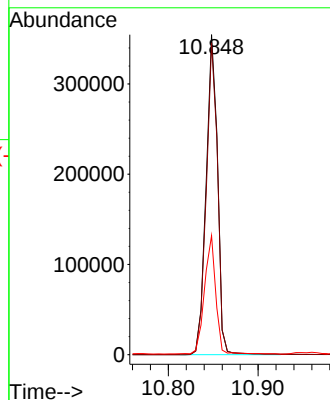
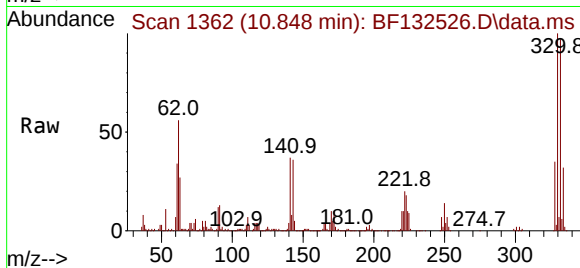
Tgt Ion:330 Resp: 313324

Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

141 36.7 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 57.410 ng

RT: 9.372 min Scan# 1111

Delta R.T. -0.005 min

Lab File: BF132526.D

Acq: 23 Feb 2023 18:14

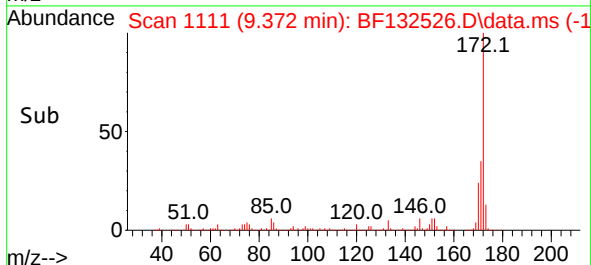
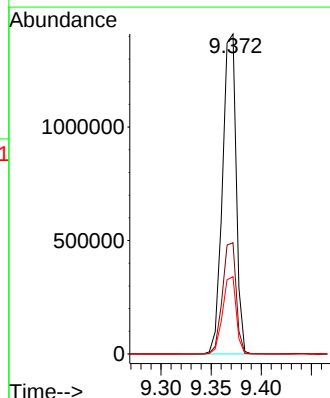
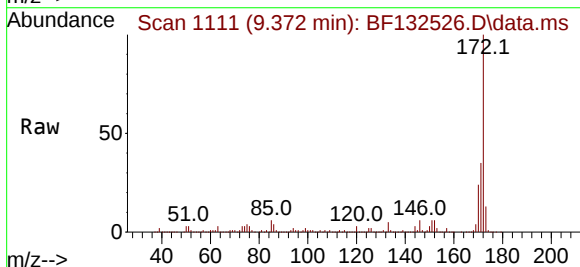
Tgt Ion:172 Resp: 1334791

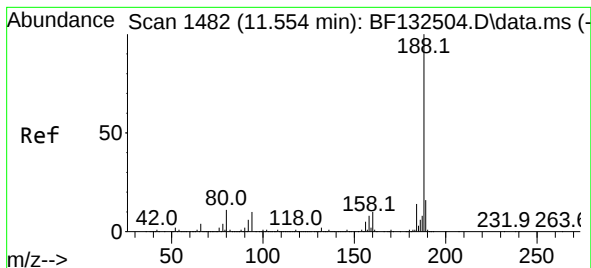
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 24.2 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.548 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF132526.D

Acq: 23 Feb 2023 18:14

Instrument :

BNA_F

ClientSampleId :

WC-I1

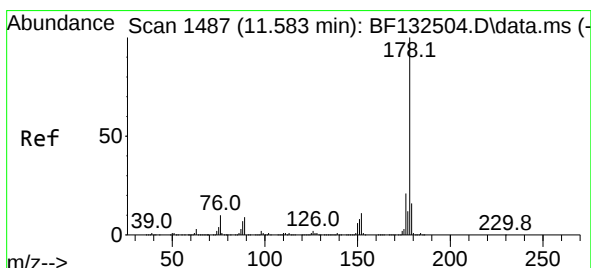
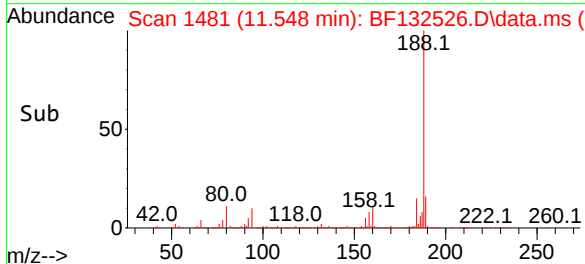
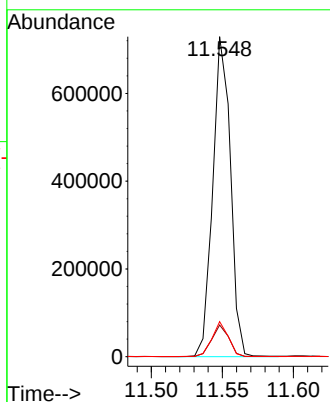
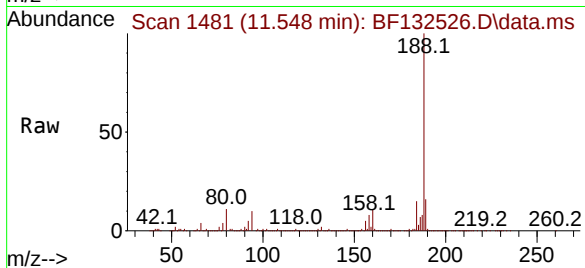
Tgt Ion:188 Resp: 629791

Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.9 8.7 13.1



#71

Phenanthrene

Concen: 2.911 ng

RT: 11.572 min Scan# 1485

Delta R.T. -0.012 min

Lab File: BF132526.D

Acq: 23 Feb 2023 18:14

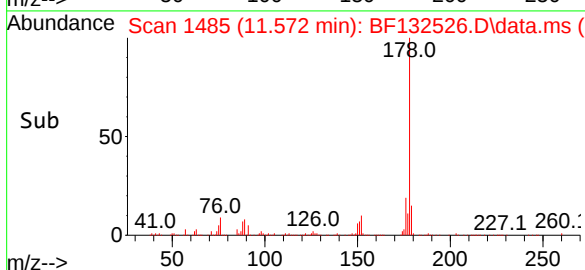
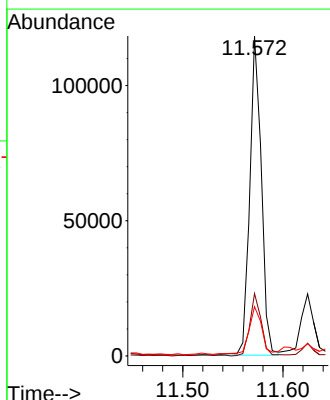
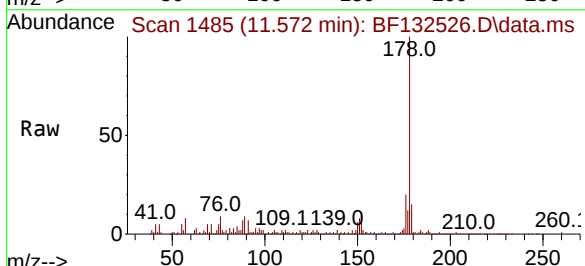
Tgt Ion:178 Resp: 94979

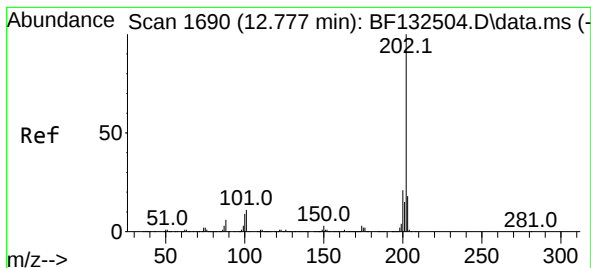
Ion Ratio Lower Upper

178 100

176 19.5 16.5 24.7

179 15.4 13.0 19.6





#75

Fluoranthene

Concen: 2.984 ng

RT: 12.772 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132526.D

Acq: 23 Feb 2023 18:14

Instrument :

BNA_F

ClientSampleId :

WC-I1

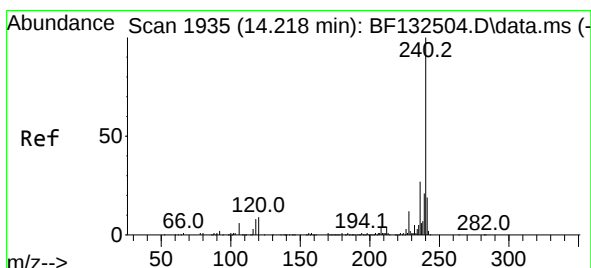
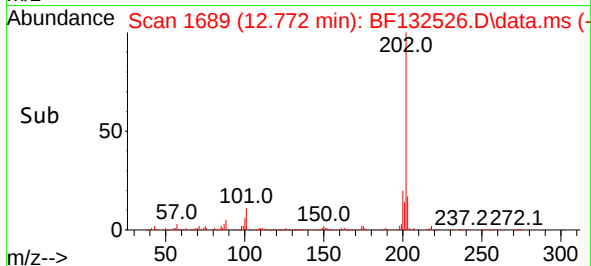
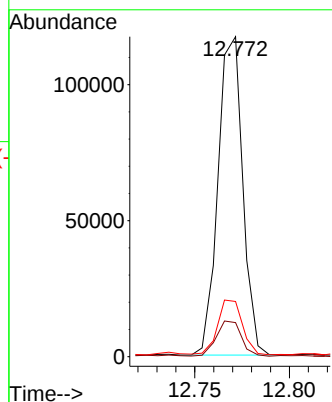
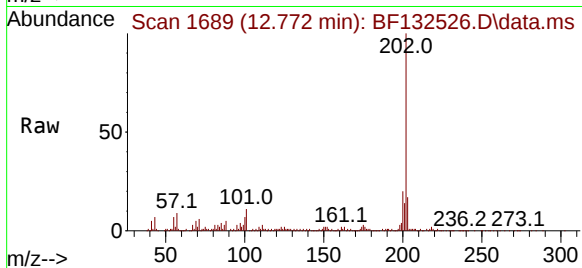
Tgt Ion:202 Resp: 106422

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

203 17.3 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.207 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF132526.D

Acq: 23 Feb 2023 18:14

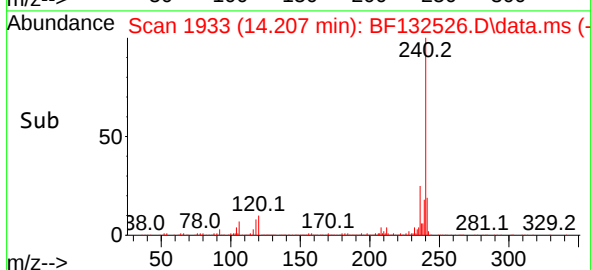
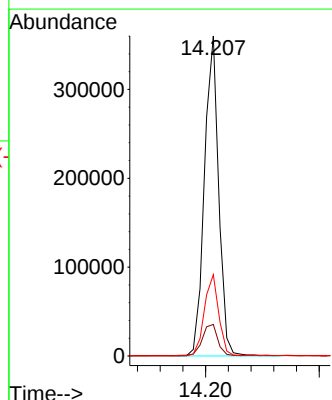
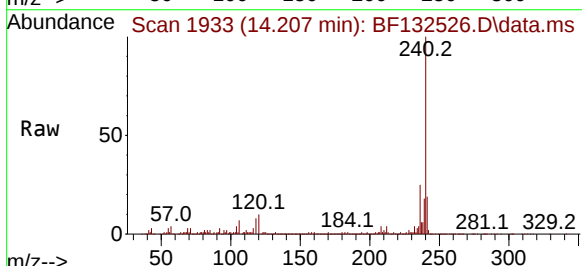
Tgt Ion:240 Resp: 313386

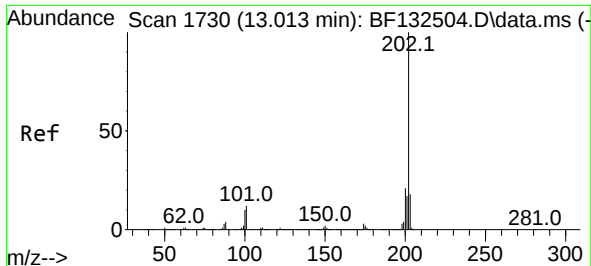
Ion Ratio Lower Upper

240 100

120 9.8 7.2 10.8

236 25.4 21.8 32.6

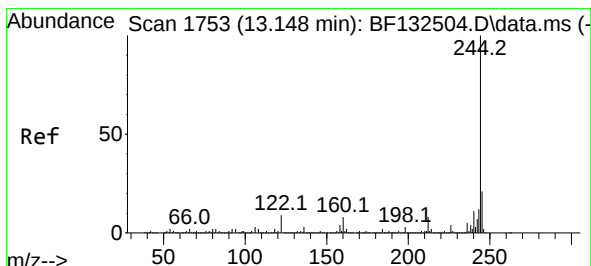
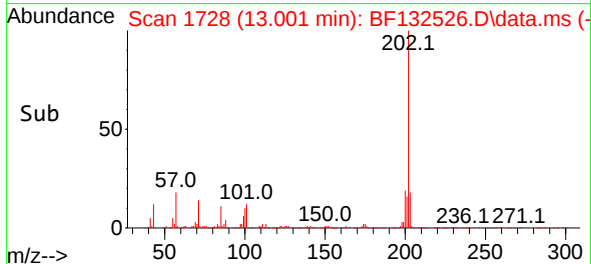
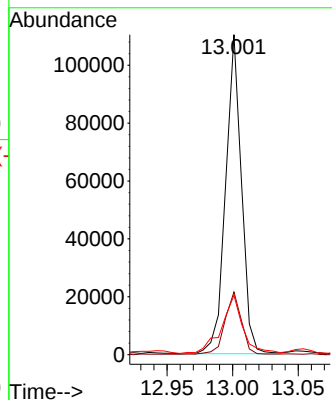
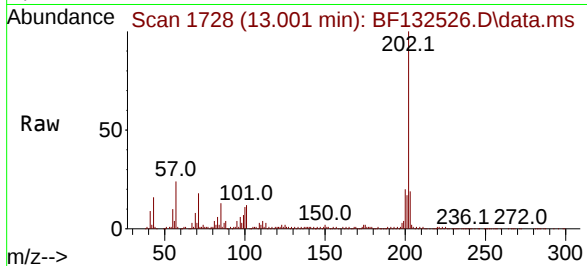




#78
Pyrene
Concen: 3.254 ng
RT: 13.001 min Scan# 1728
Delta R.T. -0.012 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

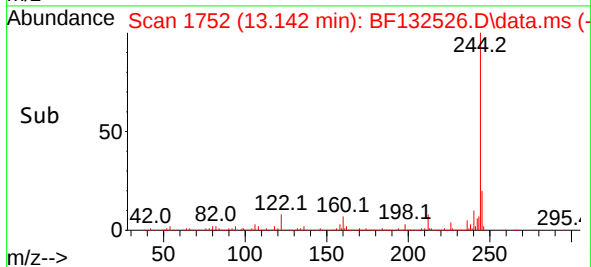
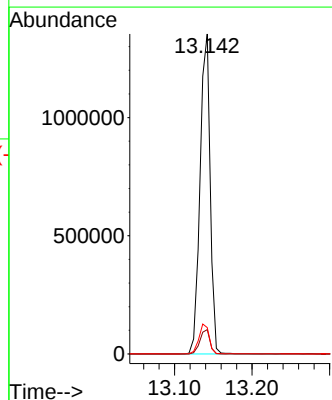
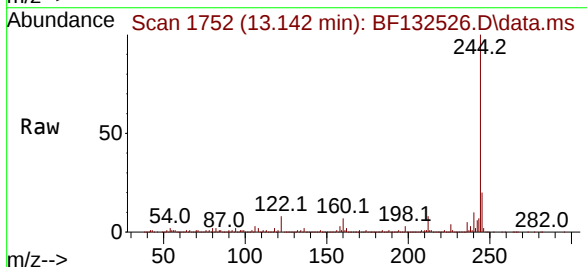
Instrument :
BNA_F
ClientSampleId :
WC-I1

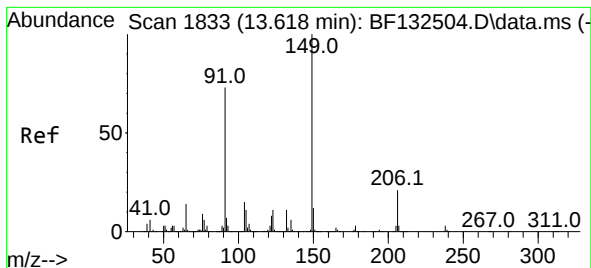
Tgt Ion:202 Resp: 92726
Ion Ratio Lower Upper
202 100
200 19.6 17.1 25.7
203 18.6 14.6 21.8



#79
Terphenyl-d14
Concen: 66.074 ng
RT: 13.142 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:244 Resp: 1224697
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 8.2 7.5 11.3

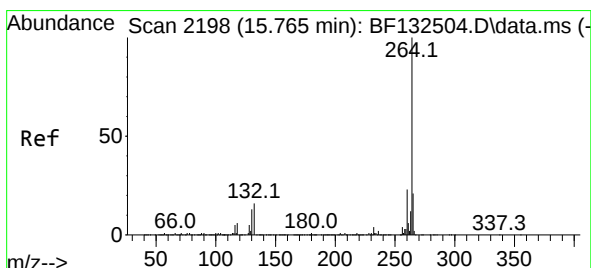
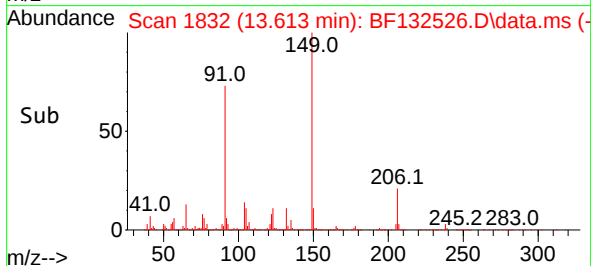
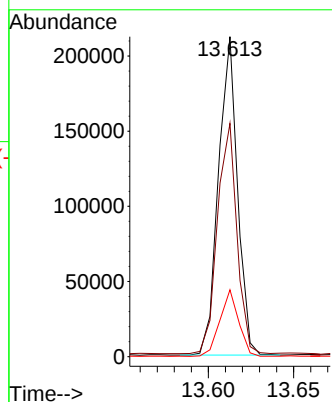
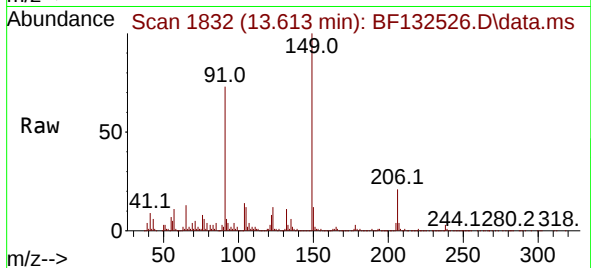




#80
Butylbenzylphthalate
Concen: 14.639 ng
RT: 13.613 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Instrument :
BNA_F
ClientSampleId :
WC-I1

Tgt Ion:149 Resp: 164601
Ion Ratio Lower Upper
149 100
91 72.9 58.4 87.6
206 20.9 16.8 25.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.760 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF132526.D
Acq: 23 Feb 2023 18:14

Tgt Ion:264 Resp: 349856
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.0 17.1 25.7

