

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031423\
 Data File : BF132786.D
 Acq On : 14 Mar 2023 19:25
 Operator : CG\JU
 Sample : 01863-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030923-1

Quant Time: Mar 15 02:28:28 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)

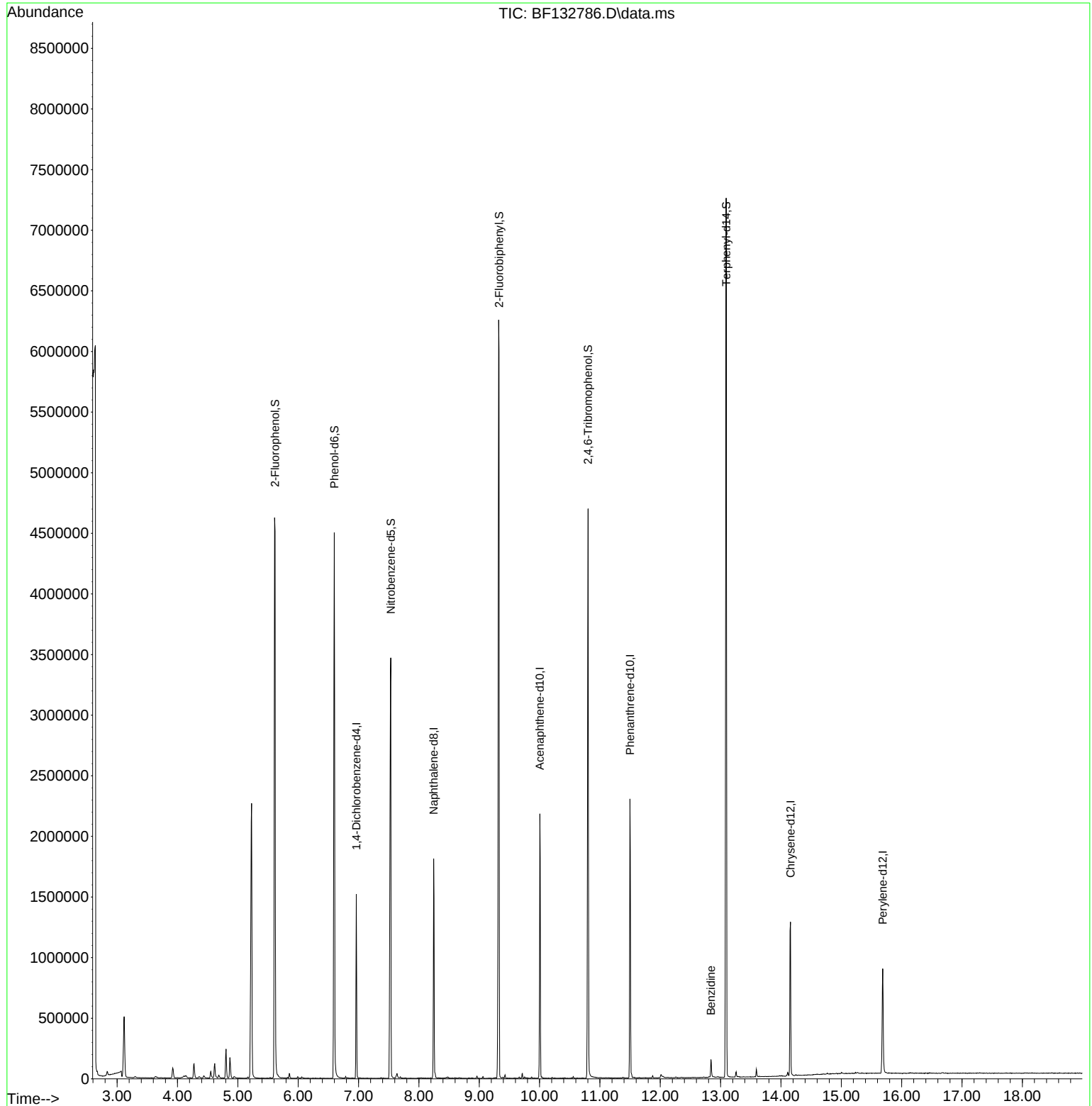
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	217816	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	815169	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	439792	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	861765	20.000	ng	0.00
76) Chrysene-d12	14.157	240	448343	20.000	ng	0.00
86) Perylene-d12	15.686	264	417798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1574514	117.319	ng	0.02
7) Phenol-d6	6.598	99	1861480	106.277	ng	0.00
23) Nitrobenzene-d5	7.534	82	1440452	83.837	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	628660	132.362	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2261615	78.302	ng	0.00
79) Terphenyl-d14	13.092	244	2807367	105.869	ng	0.00
Target Compounds						
77) Benzidine	12.839	184	60539	5.547	ng	Qvalue 97

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

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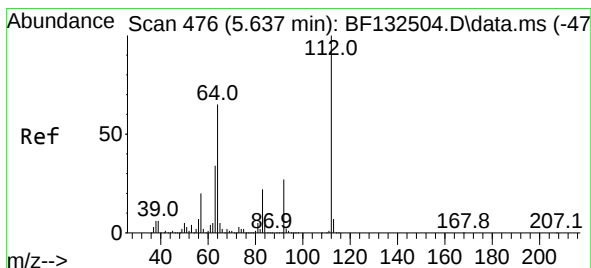
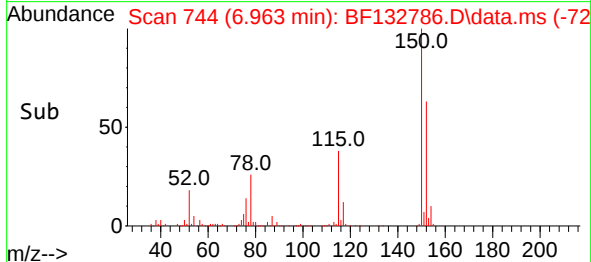
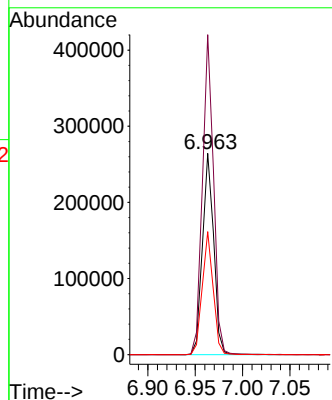
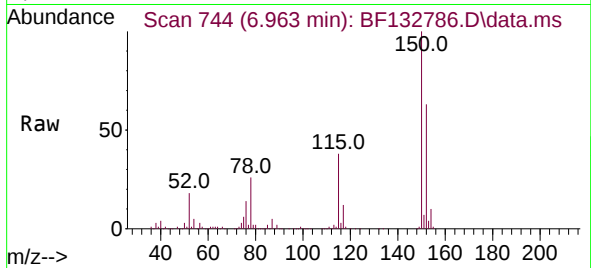




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

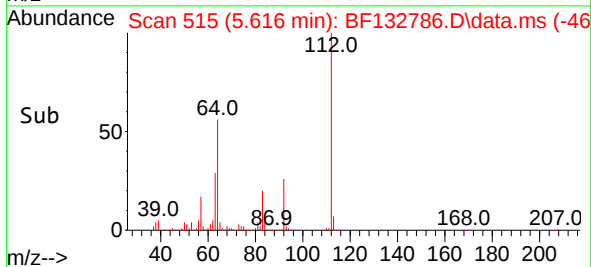
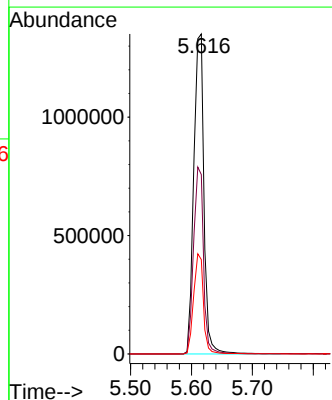
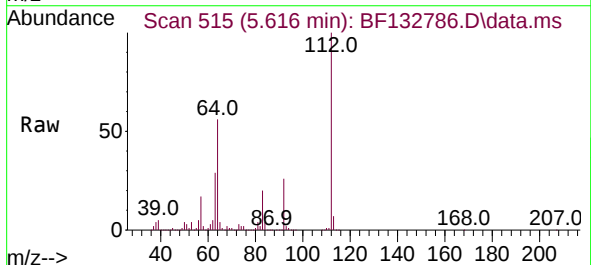
Instrument :
BNA_F
ClientSampleId :
030923-1

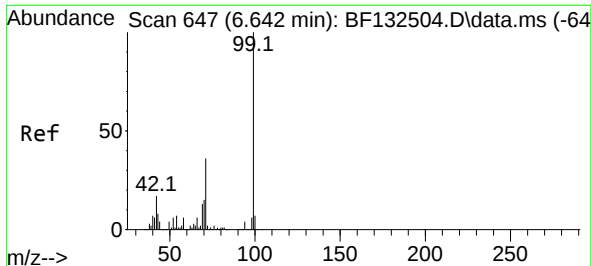
Tgt Ion:152 Resp: 217816
Ion Ratio Lower Upper
152 100
150 159.1 125.4 188.2
115 61.1 47.8 71.6



#5
2-Fluorophenol
Concen: 117.319 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.024 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

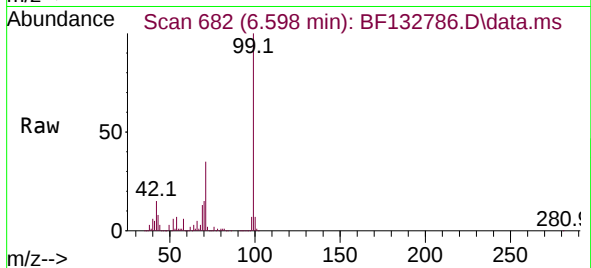
Tgt Ion:112 Resp: 1574514
Ion Ratio Lower Upper
112 100
64 56.0 51.6 77.4
63 29.5 27.4 41.2





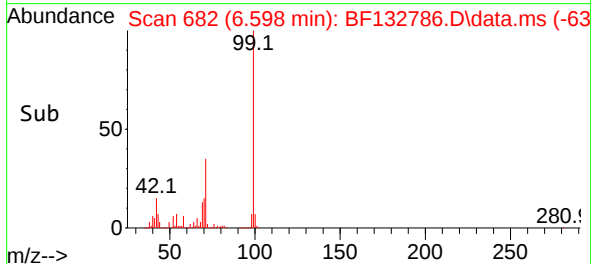
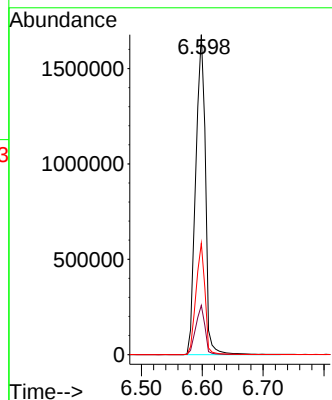
#7
Phenol-d6
Concen: 106.277 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Instrument :
BNA_F
ClientSampleId :
030923-1



Tgt Ion: 99 Resp: 1861480

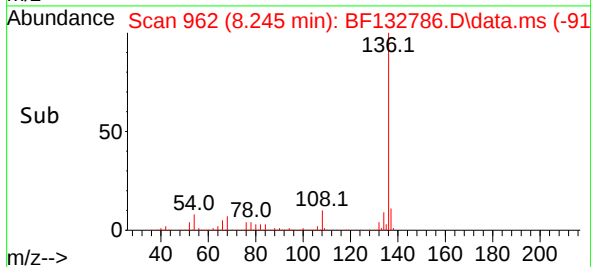
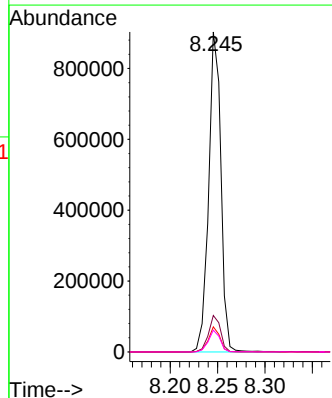
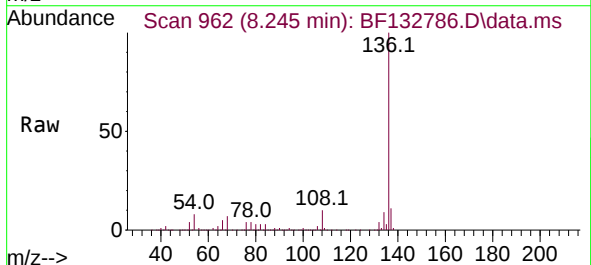
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.9	20.9
71	34.8	28.5	42.7

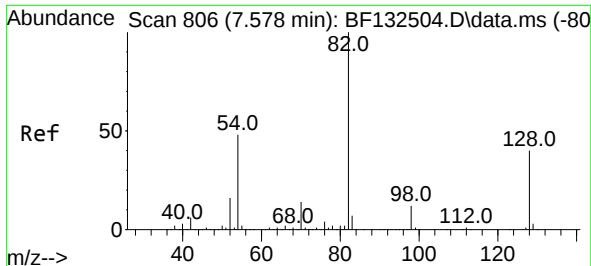


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion: 136 Resp: 815169

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.8	6.2	9.4
68	6.8	5.2	7.8





#23

Nitrobenzene-d5

Concen: 83.837 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132786.D

Acq: 14 Mar 2023 19:25

Instrument :

BNA_F

ClientSampleId :

030923-1

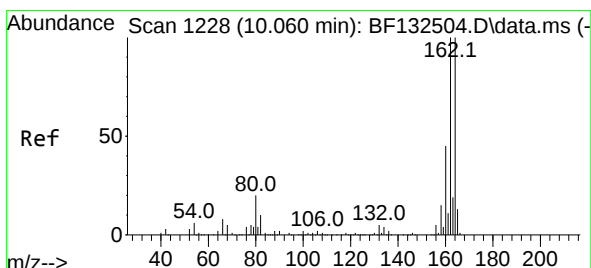
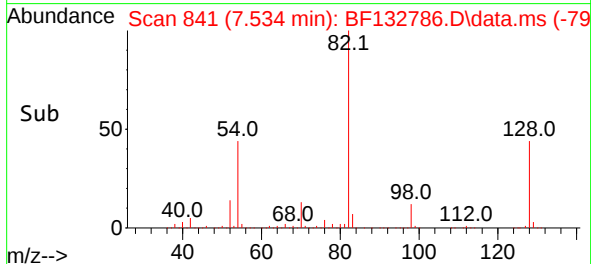
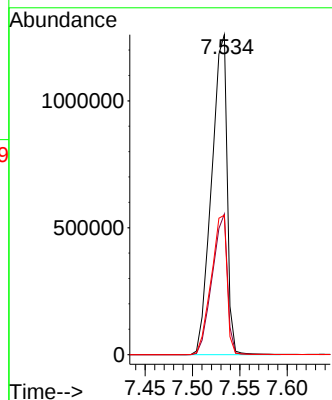
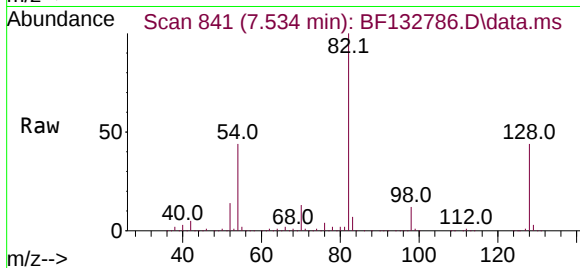
Tgt Ion: 82 Resp: 1440452

Ion Ratio Lower Upper

82 100

128 43.9 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: BF132786.D

Acq: 14 Mar 2023 19:25

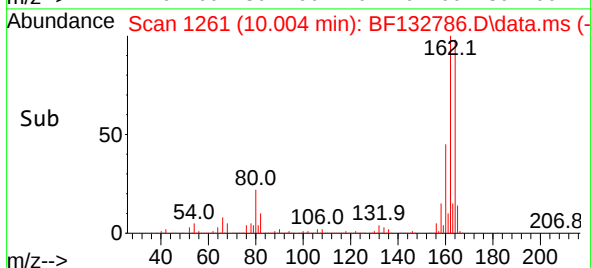
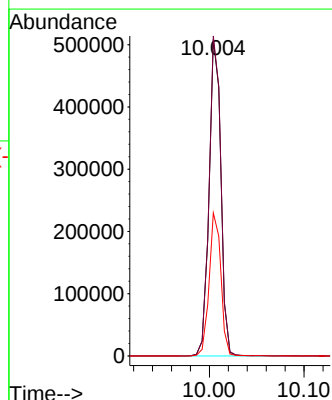
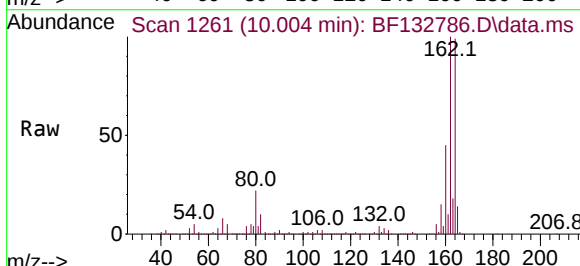
Tgt Ion: 164 Resp: 439792

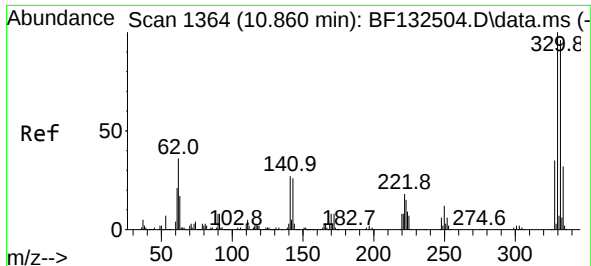
Ion Ratio Lower Upper

164 100

162 101.1 79.8 119.8

160 45.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 132.362 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132786.D

Acq: 14 Mar 2023 19:25

Instrument :

BNA_F

ClientSampleId :

030923-1

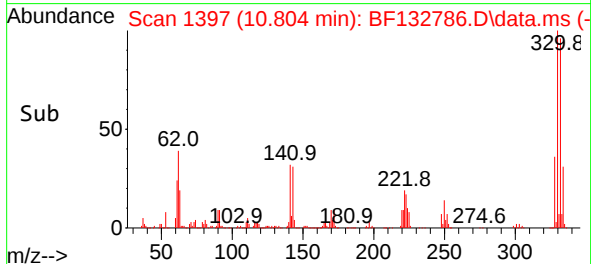
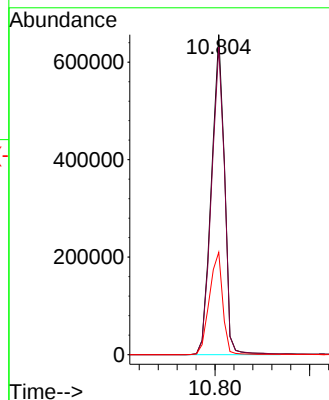
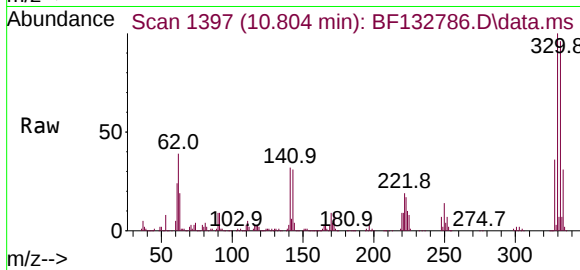
Tgt Ion:330 Resp: 628660

Ion Ratio Lower Upper

330 100

332 97.3 76.2 114.4

141 32.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 78.302 ng

RT: 9.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF132786.D

Acq: 14 Mar 2023 19:25

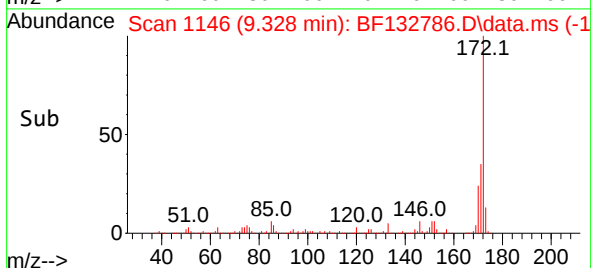
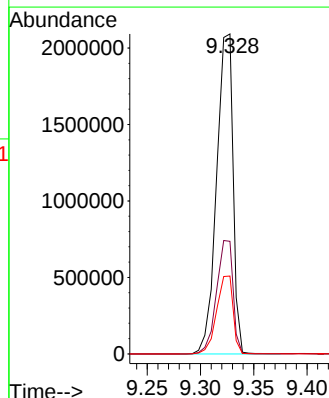
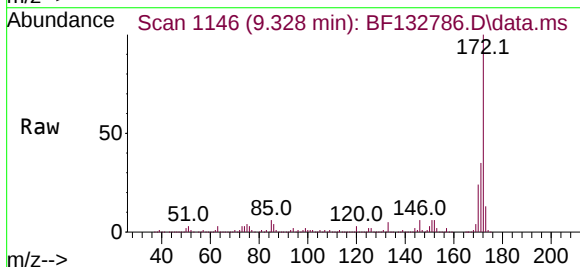
Tgt Ion:172 Resp: 2261615

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 24.3 19.7 29.5

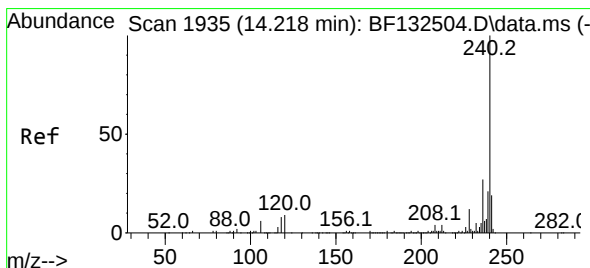
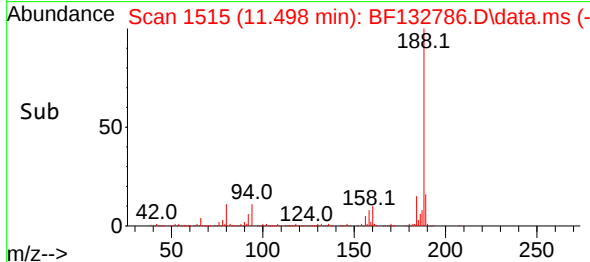
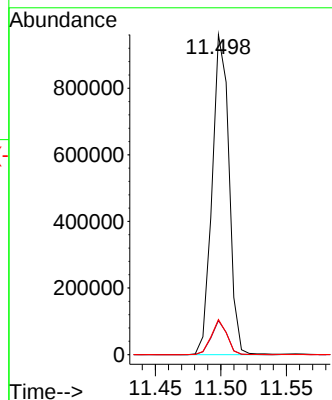
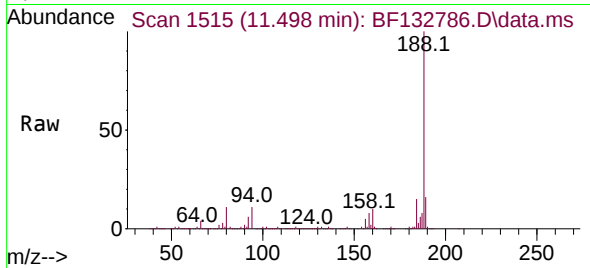




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

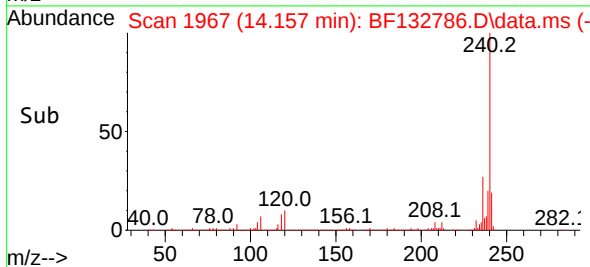
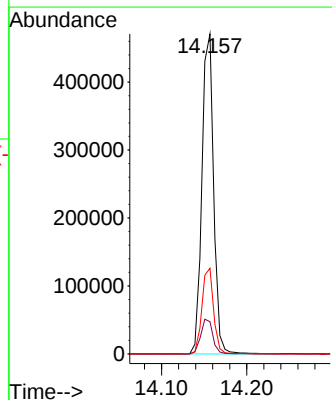
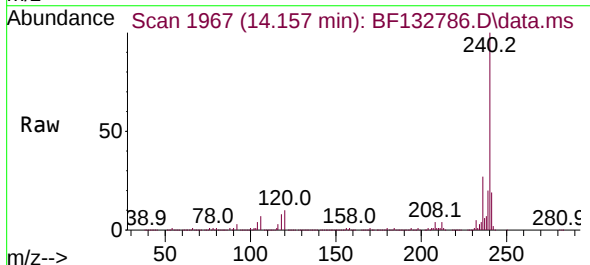
Instrument :
BNA_F
ClientSampleId :
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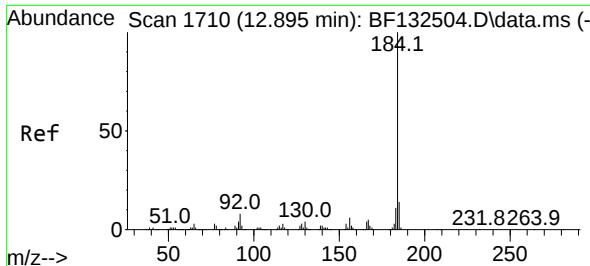
Tgt Ion:188 Resp: 861765
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion:240 Resp: 448343
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.8 21.8 32.6

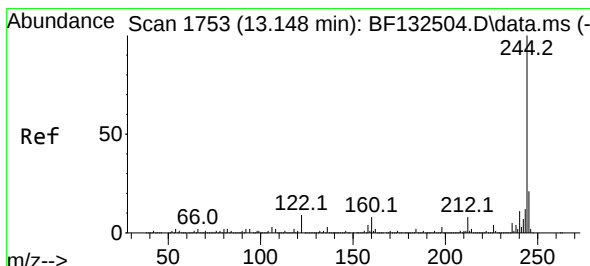
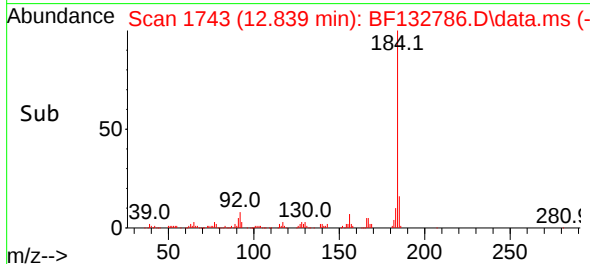
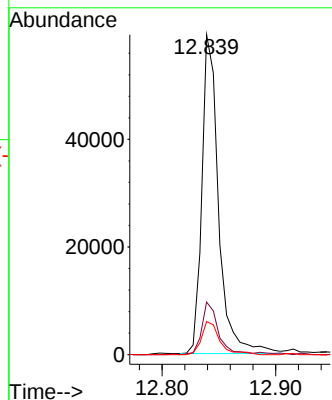
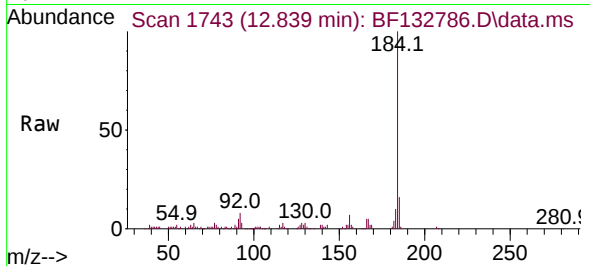




#77
Benzidine
Concen: 5.547 ng
RT: 12.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

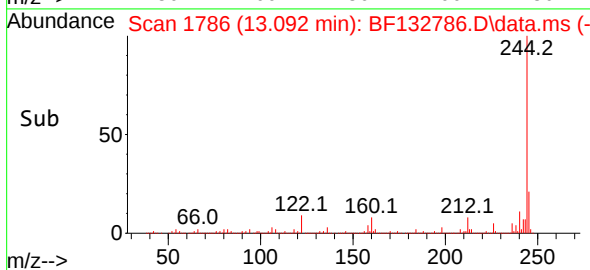
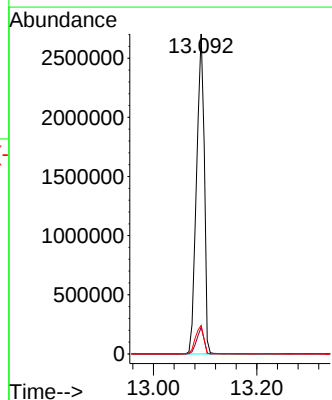
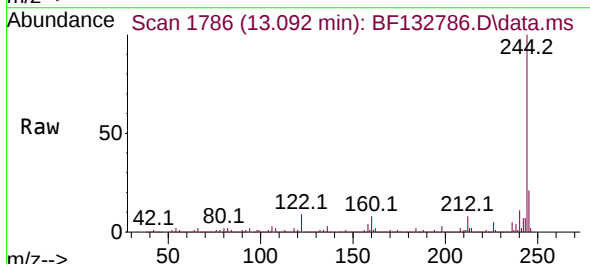
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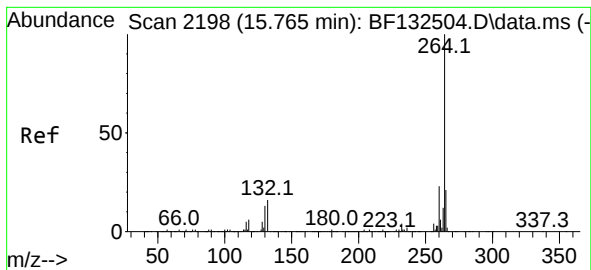
Tgt Ion:184 Resp: 60539
Ion Ratio Lower Upper
184 100
185 16.4 11.7 17.5
183 10.3 8.7 13.1



#79
Terphenyl-d14
Concen: 105.869 ng
RT: 13.092 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF132786.D
Acq: 14 Mar 2023 19:25

Tgt Ion:244 Resp: 2807367
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 8.9 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132786.D

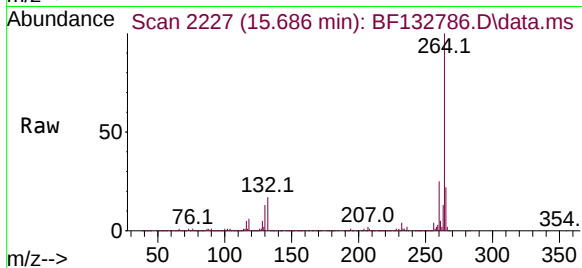
Acq: 14 Mar 2023 19:25

Instrument :

BNA_F

ClientSampleId :

030923-1



Tgt Ion:264 Resp: 417798

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.9 17.1 25.7

