

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131426.D
 Acq On : 28 Nov 2022 13:01
 Operator : CG\JU
 Sample : N5766-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-4

Quant Time: Nov 29 00:21:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	85070	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	303801	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	174873	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	322635	20.000	ng	0.00
76) Chrysene-d12	14.157	240	203732	20.000	ng	-0.01
86) Perylene-d12	15.692	264	167998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	403660	90.308	ng	0.00
7) Phenol-d6	6.569	99	509780	89.389	ng	0.00
23) Nitrobenzene-d5	7.516	82	338299	56.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	155657	105.801	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	674071	56.078	ng	0.00
79) Terphenyl-d14	13.098	244	760540	61.045	ng	0.00

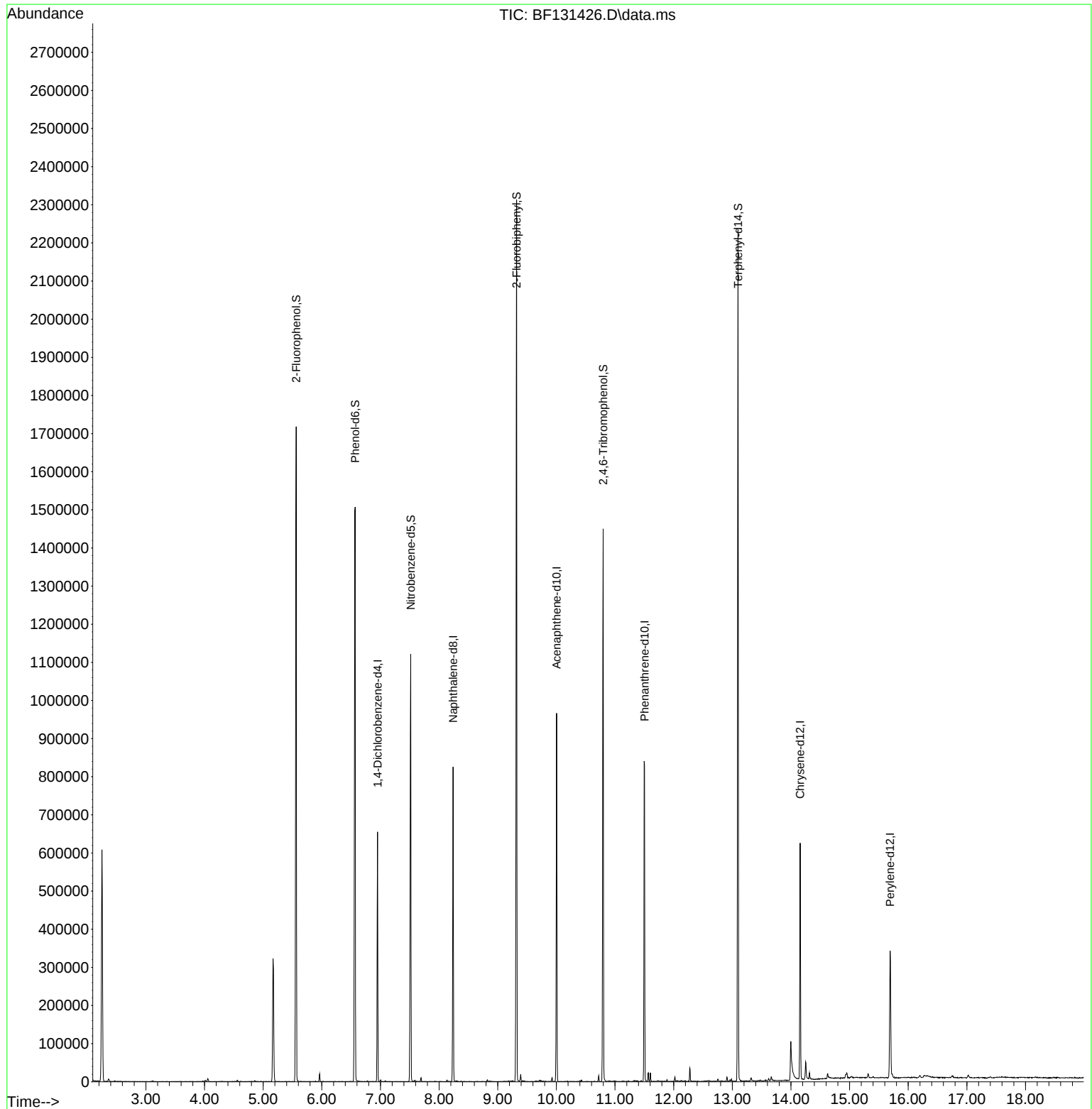
Target Compounds Qvalue

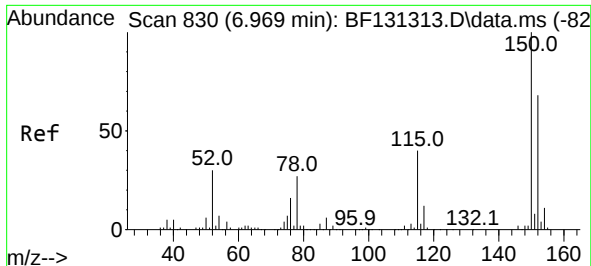
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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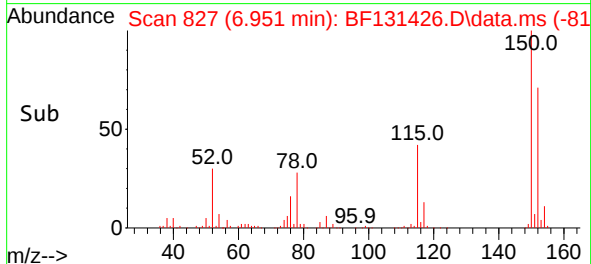
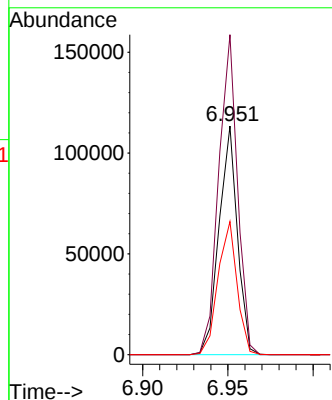
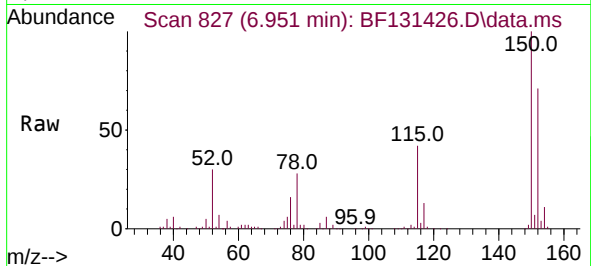




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131426.D
 Acq: 28 Nov 2022 13:01

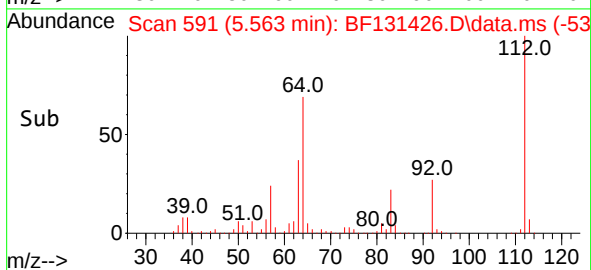
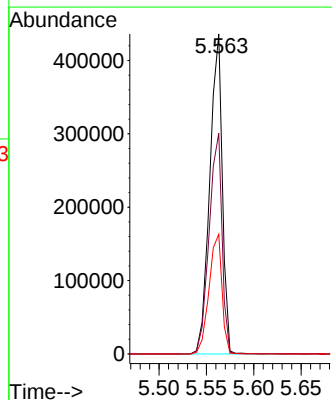
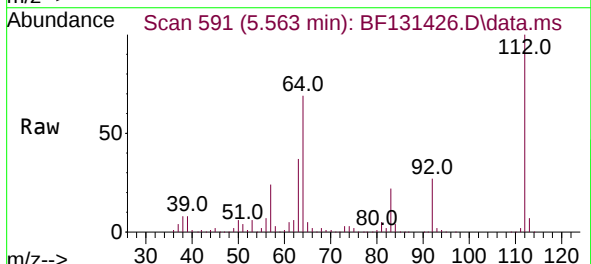
Instrument :
 BNA_F
 ClientSampleId :
 CR-4

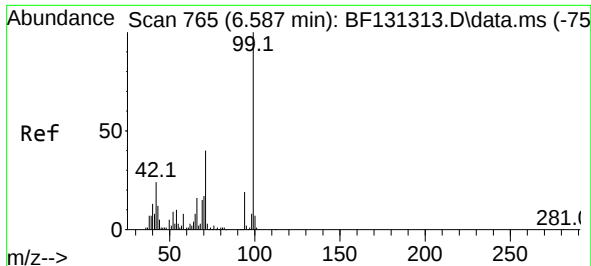
Tgt Ion:152 Resp: 85070
 Ion Ratio Lower Upper
 152 100
 150 140.0 117.8 176.8
 115 58.3 47.1 70.7



#5
 2-Fluorophenol
 Concen: 90.308 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: BF131426.D
 Acq: 28 Nov 2022 13:01

Tgt Ion:112 Resp: 403660
 Ion Ratio Lower Upper
 112 100
 64 69.0 58.6 88.0
 63 37.4 31.4 47.0

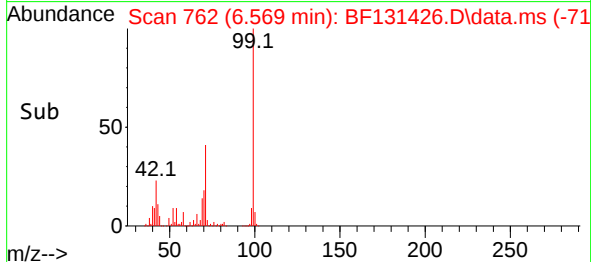
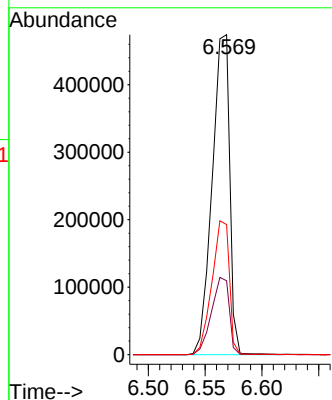
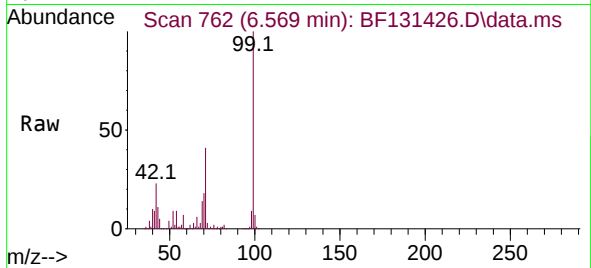




#7
Phenol-d6
Concen: 89.389 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

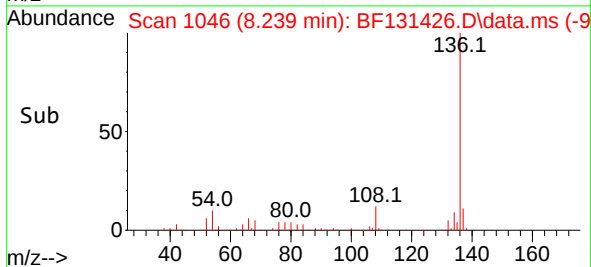
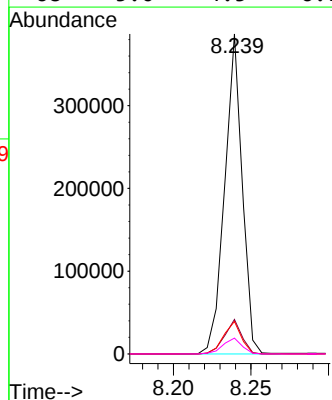
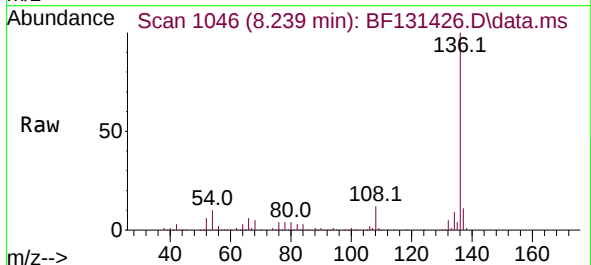
Instrument :
BNA_F
ClientSampleId :
CR-4

Tgt Ion: 99 Resp: 509780
Ion Ratio Lower Upper
99 100
42 23.1 19.4 29.2
71 40.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Tgt Ion: 136 Resp: 303801
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.1 9.4 14.0
68 5.0 4.5 6.7

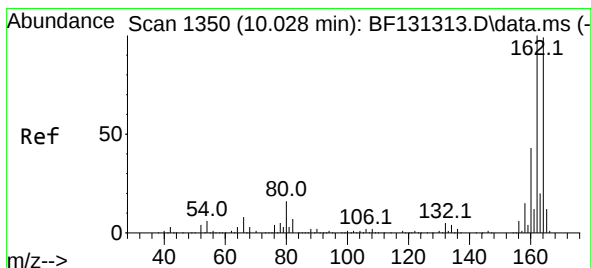
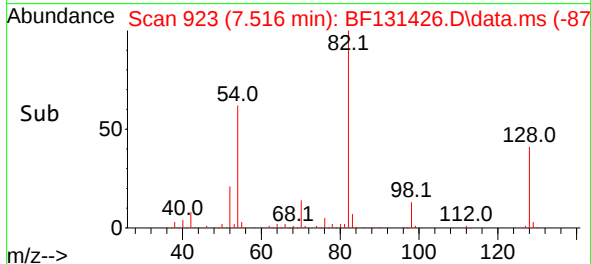
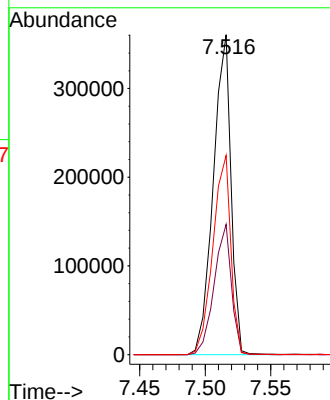
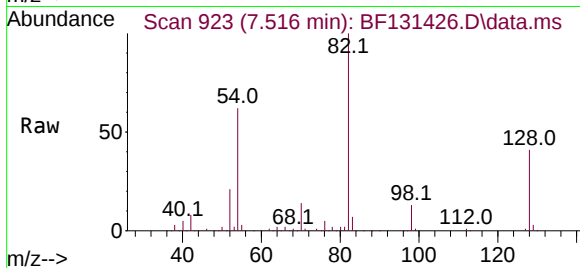




#23
Nitrobenzene-d5
Concen: 56.133 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

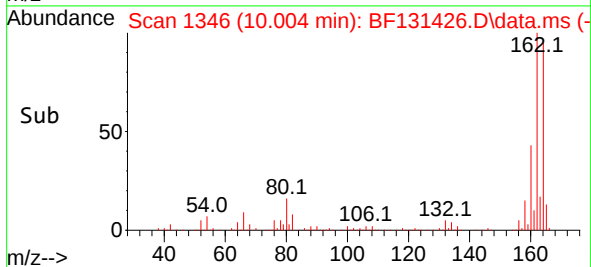
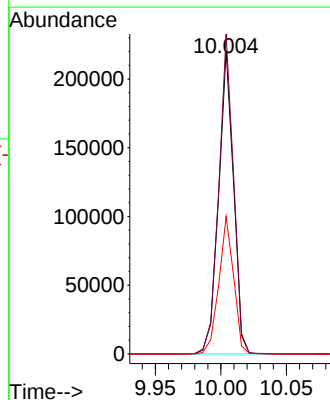
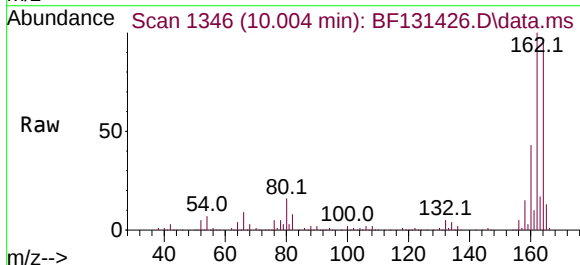
Instrument :
BNA_F
ClientSampleId :
CR-4

Tgt Ion: 82 Resp: 338299
Ion Ratio Lower Upper
82 100
128 40.7 31.4 47.0
54 62.2 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Tgt Ion: 164 Resp: 174873
Ion Ratio Lower Upper
164 100
162 105.5 80.6 120.8
160 45.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 105.801 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131426.D

Acq: 28 Nov 2022 13:01

Instrument :

BNA_F

ClientSampleId :

CR-4

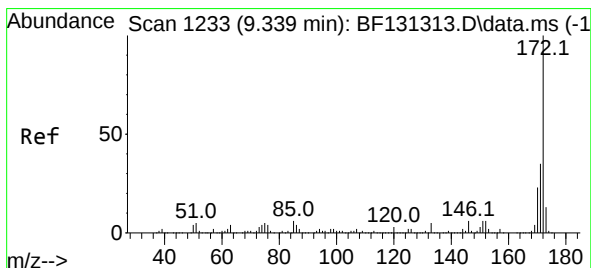
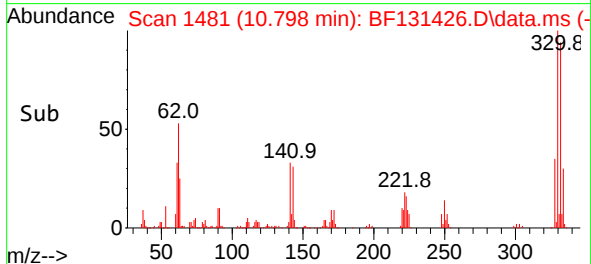
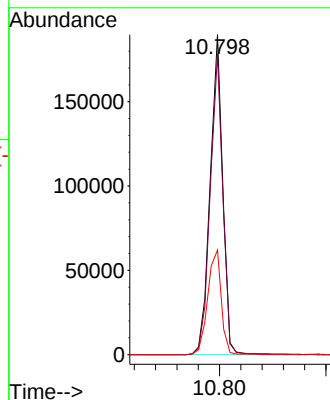
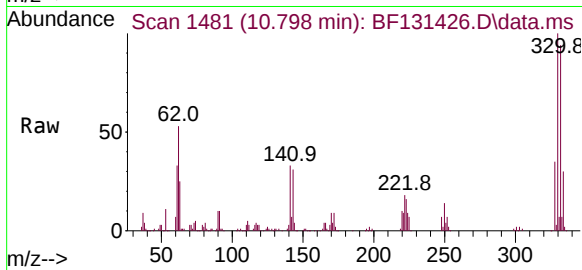
Tgt Ion:330 Resp: 155657

Ion Ratio Lower Upper

330 100

332 94.1 77.5 116.3

141 35.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 56.078 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131426.D

Acq: 28 Nov 2022 13:01

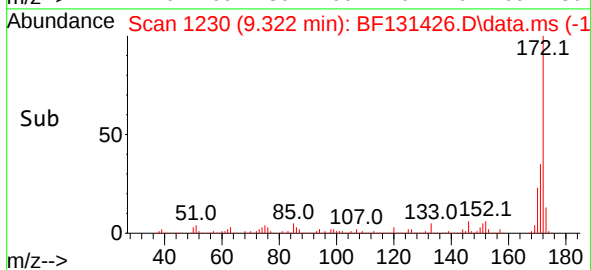
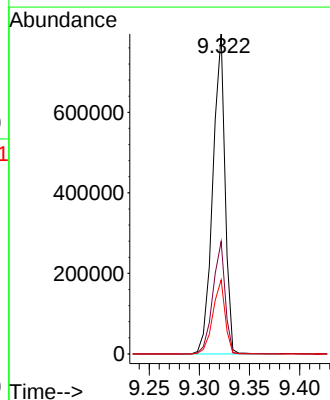
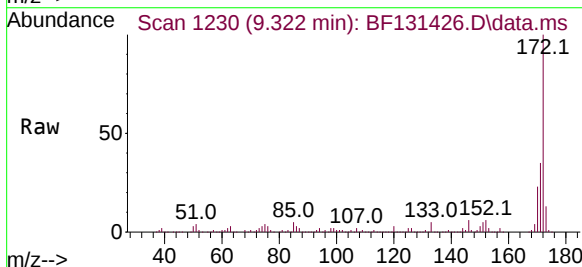
Tgt Ion:172 Resp: 674071

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.1 18.7 28.1

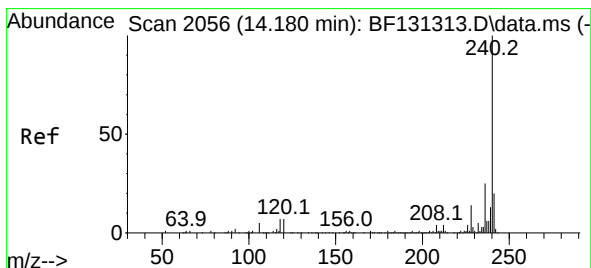
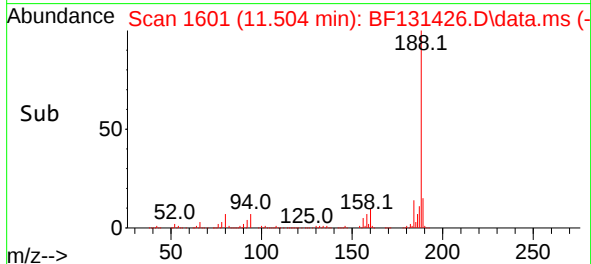
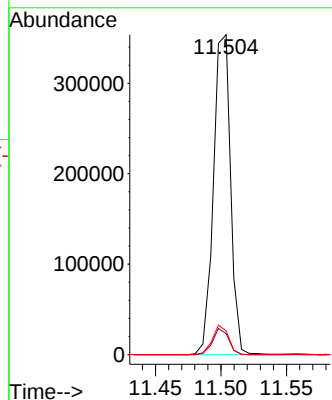
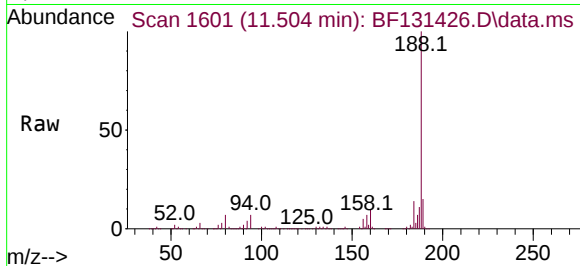




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

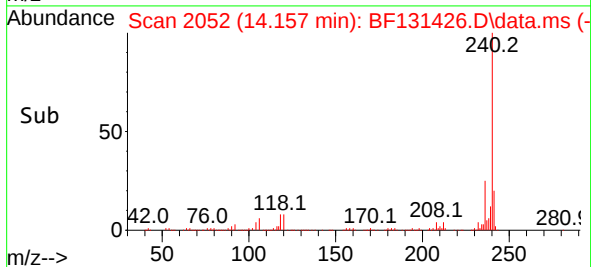
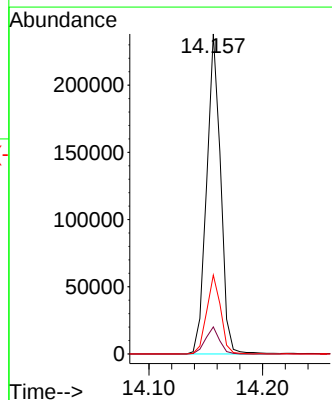
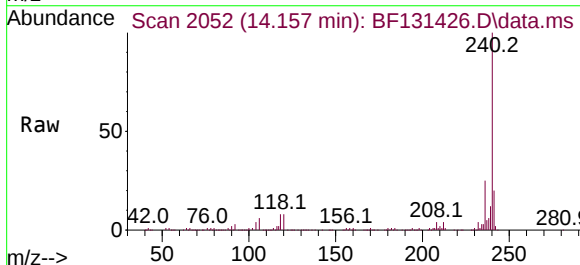
Instrument :
BNA_F
ClientSampleId :
CR-4

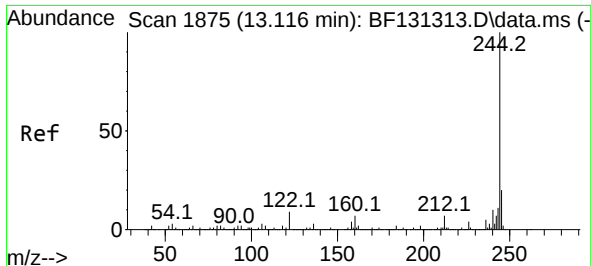
Tgt Ion:188 Resp: 322635
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 7.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131426.D
Acq: 28 Nov 2022 13:01

Tgt Ion:240 Resp: 203732
Ion Ratio Lower Upper
240 100
120 8.4 5.8 8.8
236 24.6 20.3 30.5

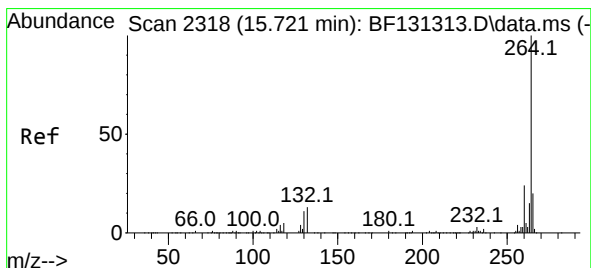
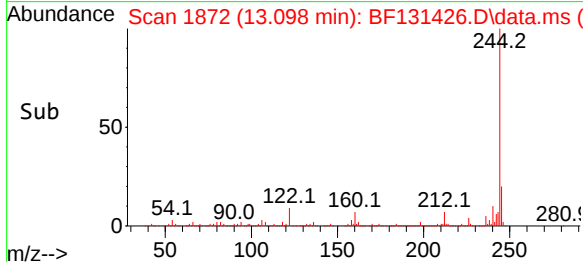
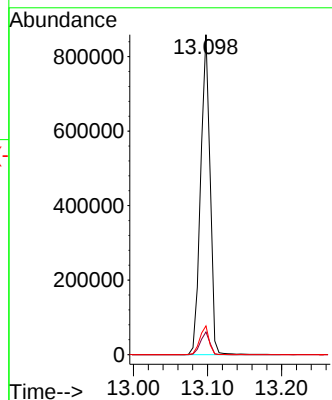
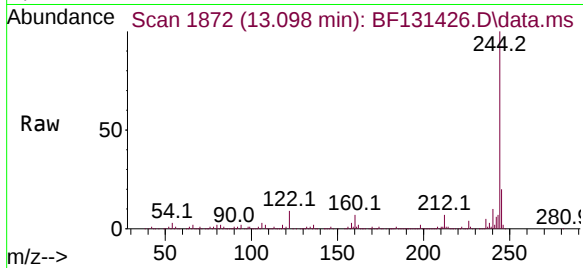




#79
 Terphenyl-d14
 Concen: 61.045 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131426.D
 Acq: 28 Nov 2022 13:01

Instrument :
 BNA_F
 ClientSampleId :
 CR-4

Tgt Ion:244 Resp: 760540
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.0 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2313
 Delta R.T. -0.006 min
 Lab File: BF131426.D
 Acq: 28 Nov 2022 13:01

Tgt Ion:264 Resp: 167998
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 21.3 16.4 24.6

