

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130413.D
 Acq On : 26 Sep 2022 17:56
 Operator : CG\JU
 Sample : N4742-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-05

Quant Time: Sep 27 01:07:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	89649	20.000	ng	0.00
21) Naphthalene-d8	7.933	136	324934	20.000	ng	# 0.00
39) Acenaphthene-d10	9.680	164	150590	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	212486	20.000	ng	0.00
76) Chrysene-d12	13.798	240	160337	20.000	ng	0.00
86) Perylene-d12	15.192	264	205962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	388906	75.243	ng	0.00
7) Phenol-d6	6.287	99	324693	50.206	ng	0.00
23) Nitrobenzene-d5	7.222	82	587672	92.398	ng	0.00
42) 2,4,6-Tribromophenol	10.474	330	139649	96.781	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1048030	101.343	ng	0.00
79) Terphenyl-d14	12.751	244	783038	80.898	ng	0.00

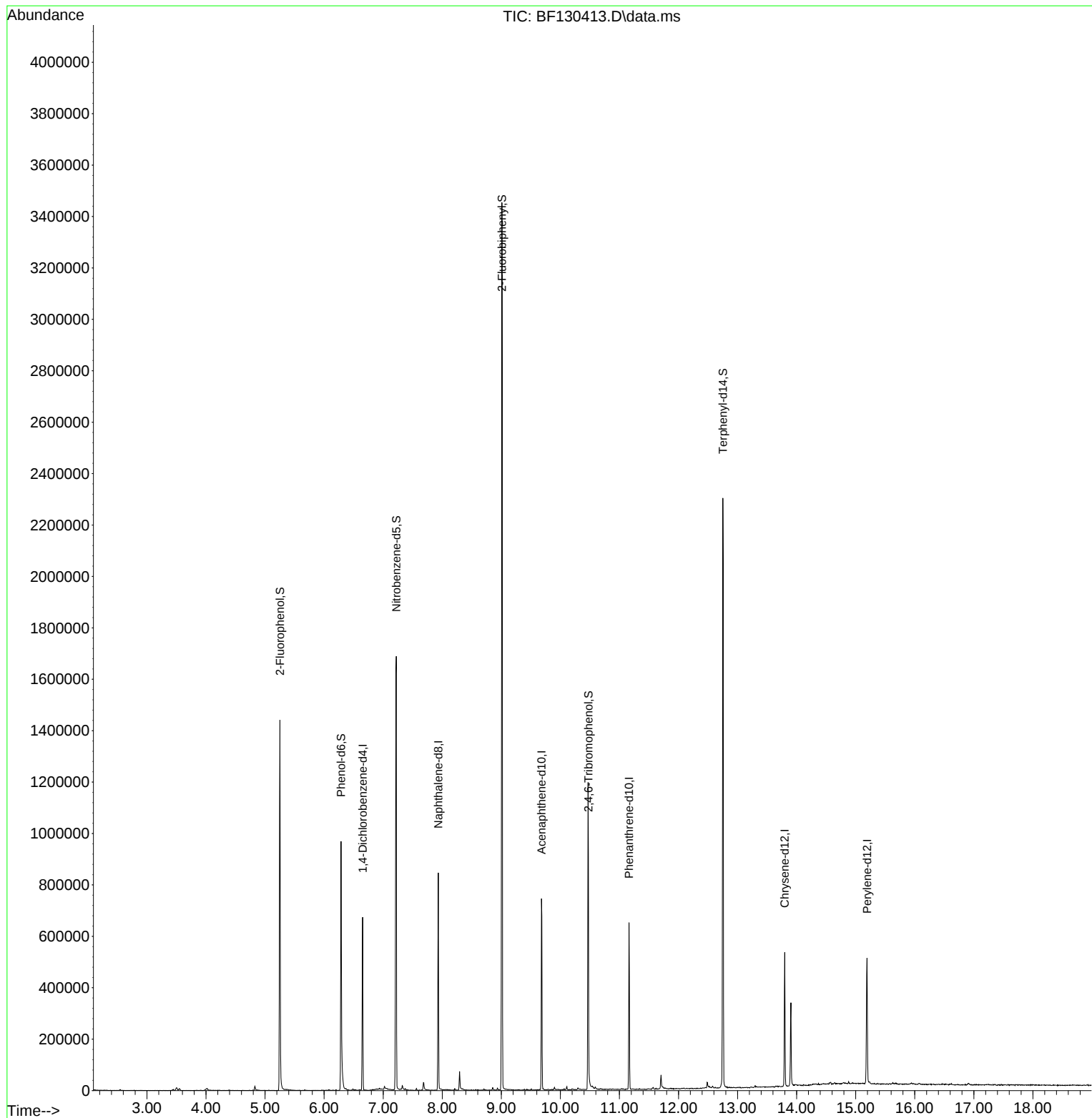
Target Compounds Qvalue

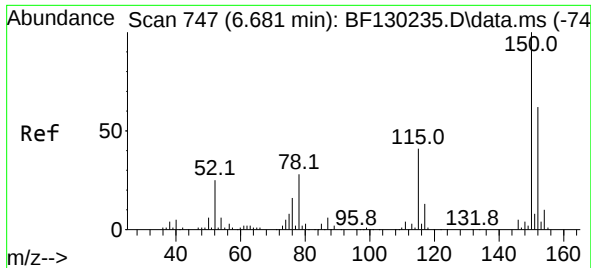
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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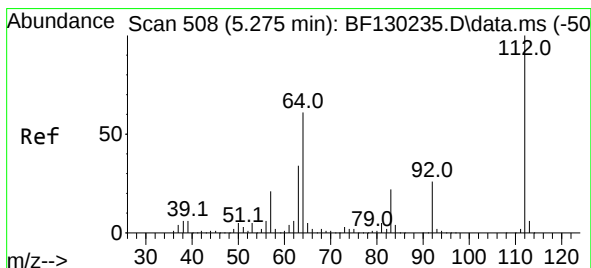
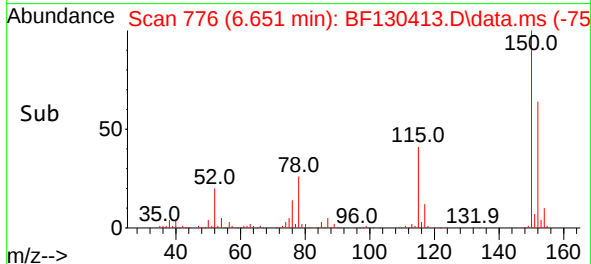
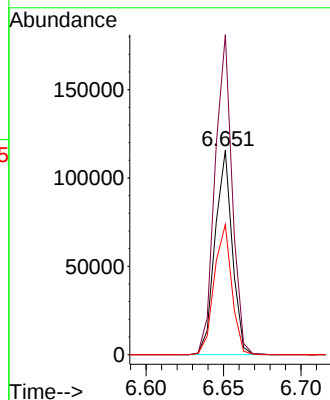
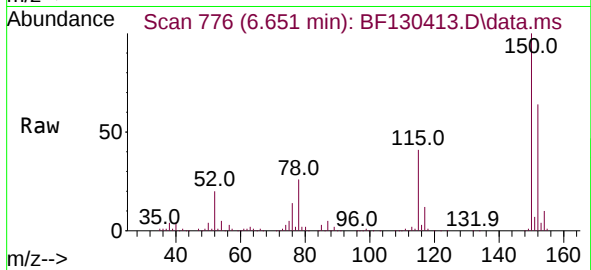




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

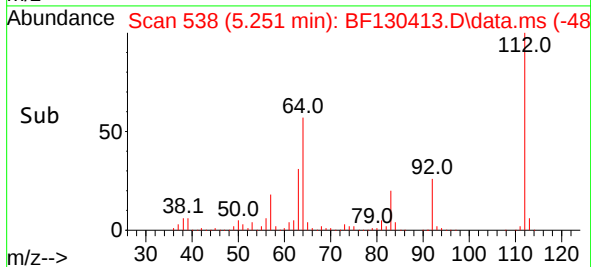
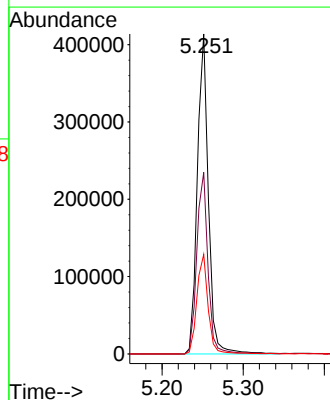
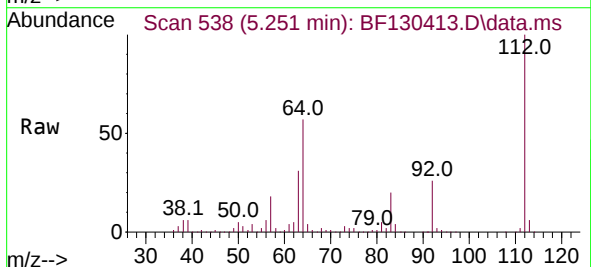
Instrument :
BNA_F
ClientSampleId :
TWP-05

Tgt Ion:152 Resp: 89649
Ion Ratio Lower Upper
152 100
150 156.7 122.8 184.2
115 63.6 53.8 80.8



#5
2-Fluorophenol
Concen: 75.243 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion:112 Resp: 388906
Ion Ratio Lower Upper
112 100
64 56.7 51.4 77.0
63 31.1 28.8 43.2

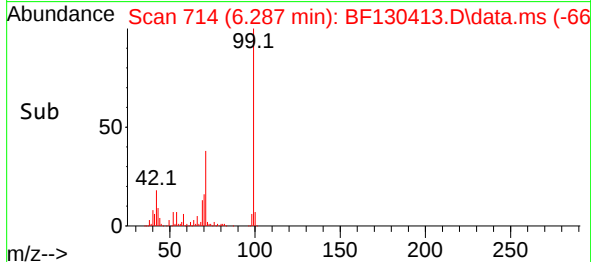
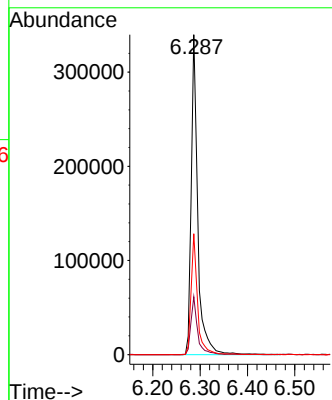
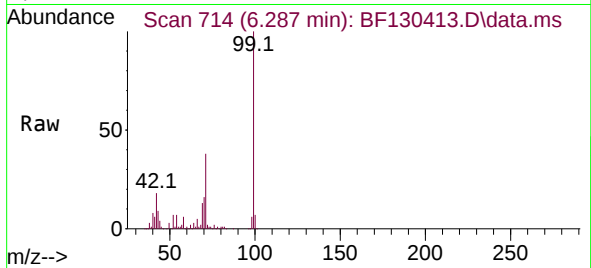




#7
Phenol-d6
Concen: 50.206 ng
RT: 6.287 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

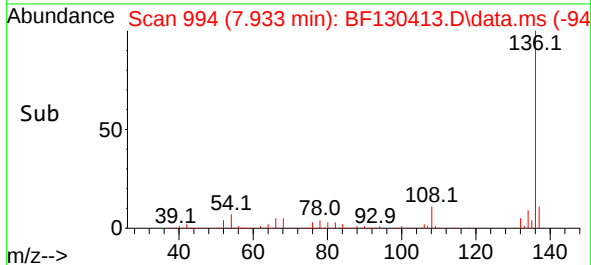
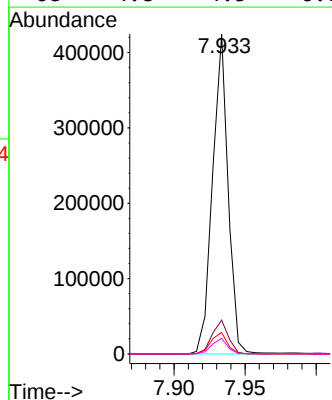
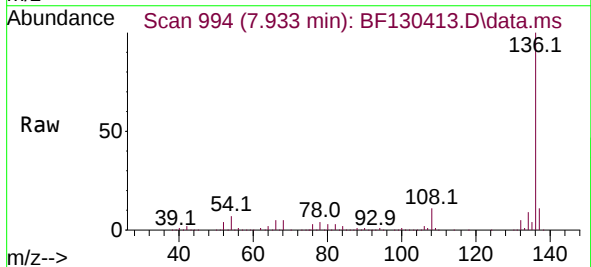
Instrument :
BNA_F
ClientSampleId :
TWP-05

Tgt Ion: 99 Resp: 324693
Ion Ratio Lower Upper
99 100
42 18.1 17.0 25.6
71 37.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion: 136 Resp: 324934
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.7 7.1 10.7#
68 4.8 4.5 6.7

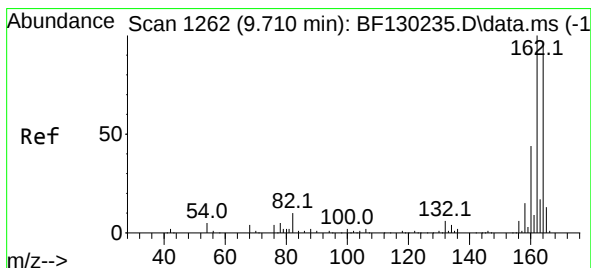
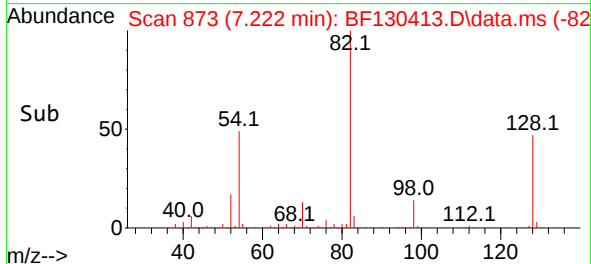
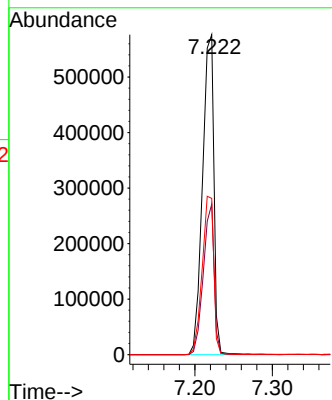
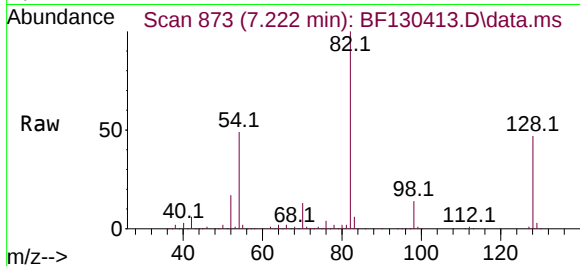




#23
Nitrobenzene-d5
Concen: 92.398 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

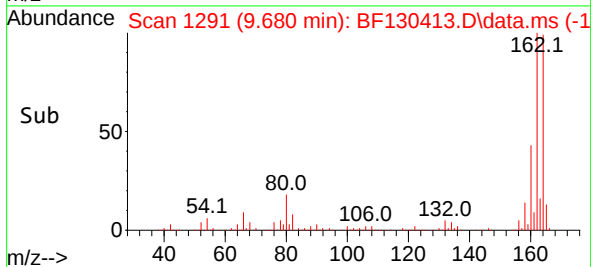
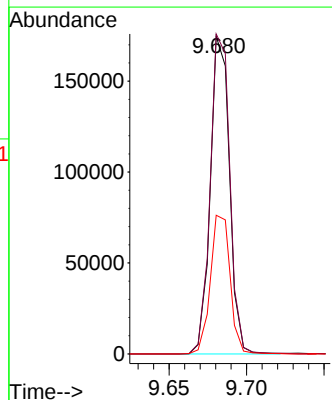
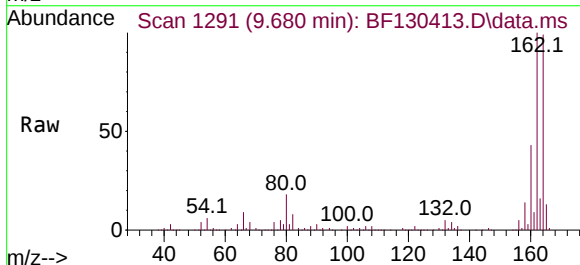
Instrument :
BNA_F
ClientSampleId :
TWP-05

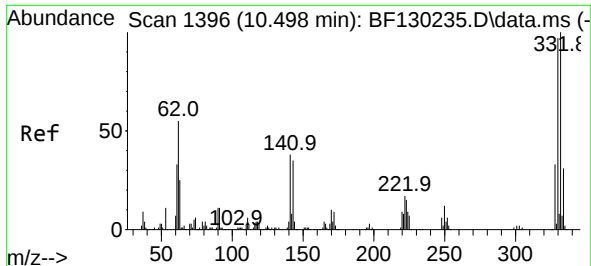
Tgt Ion: 82 Resp: 587672
Ion Ratio Lower Upper
82 100
128 47.0 32.6 49.0
54 48.9 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

Tgt Ion:164 Resp: 150590
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 43.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 96.781 ng

RT: 10.474 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF130413.D

Acq: 26 Sep 2022 17:56

Instrument :

BNA_F

ClientSampleId :

TWP-05

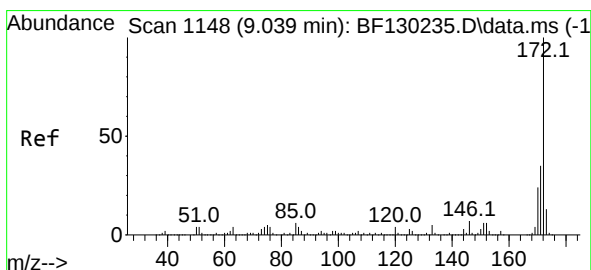
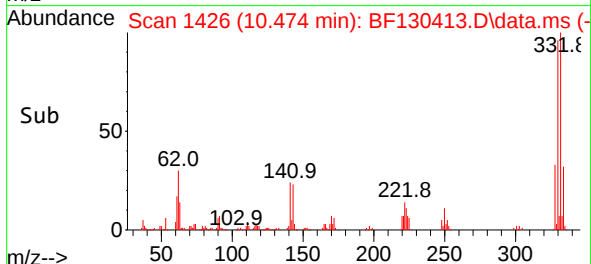
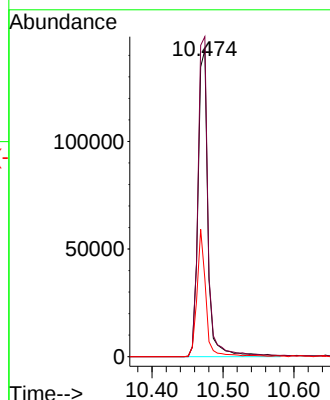
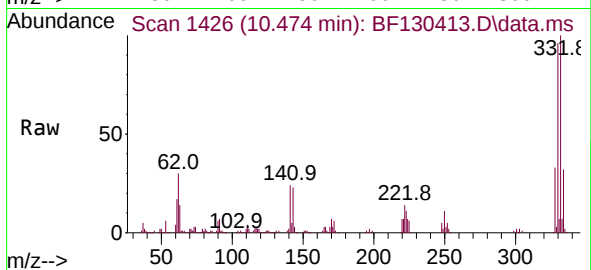
Tgt Ion:330 Resp: 139649

Ion Ratio Lower Upper

330 100

332 105.7 83.4 125.2

141 36.7 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 101.343 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF130413.D

Acq: 26 Sep 2022 17:56

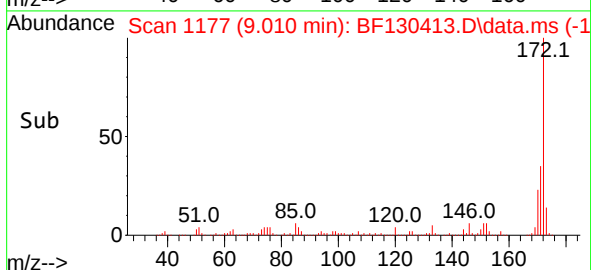
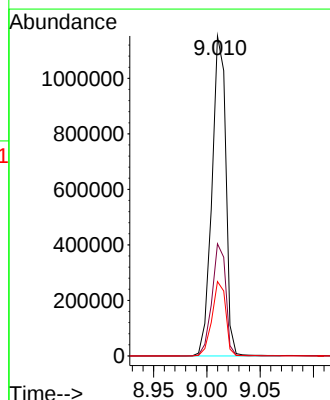
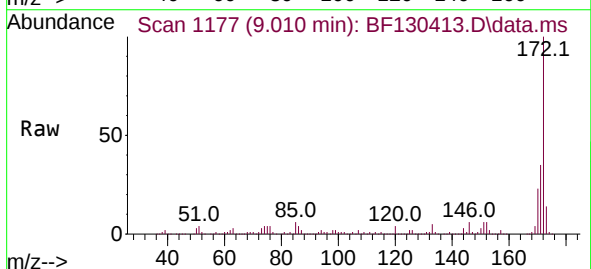
Tgt Ion:172 Resp: 1048030

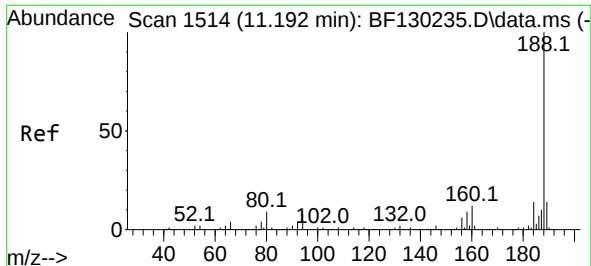
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.2 18.7 28.1

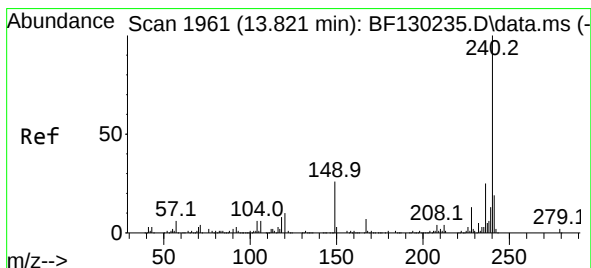
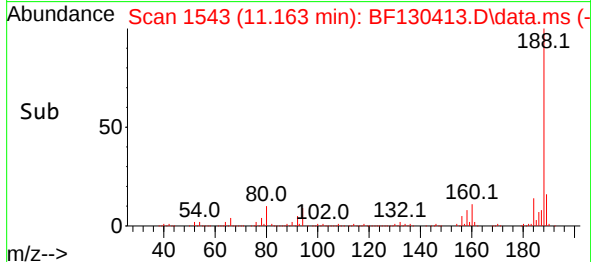
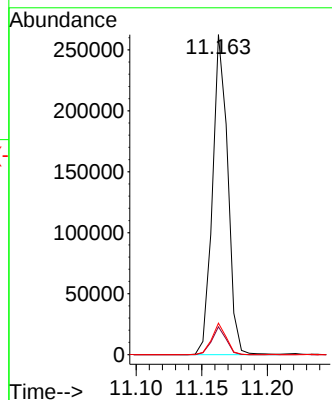
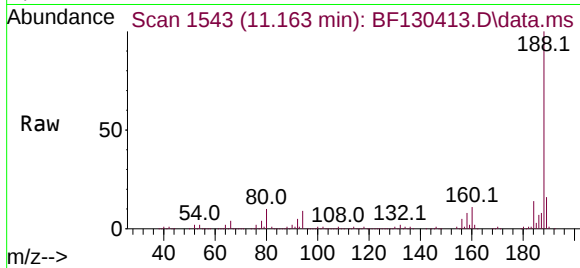




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

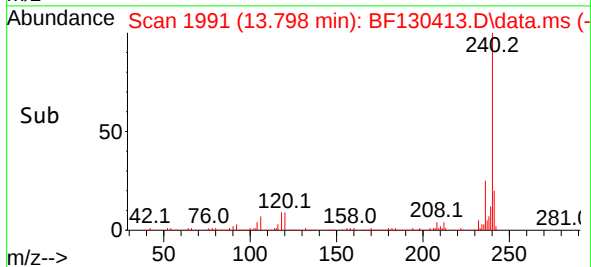
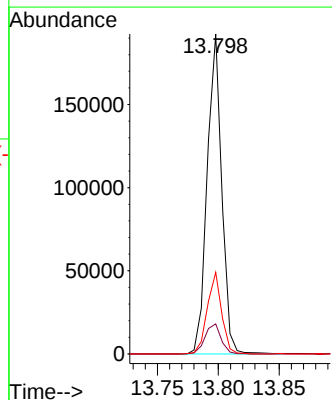
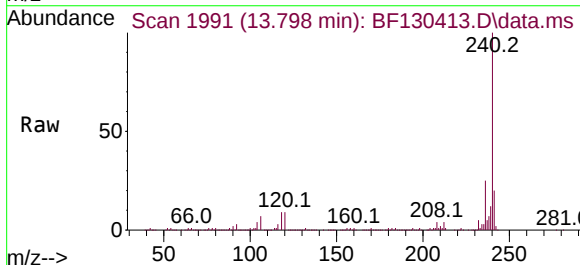
Instrument :
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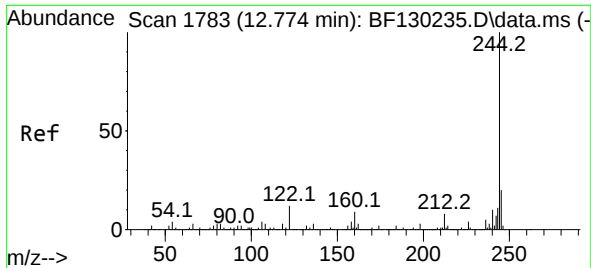
Tgt Ion:188 Resp: 212486
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130413.D
Acq: 26 Sep 2022 17:56

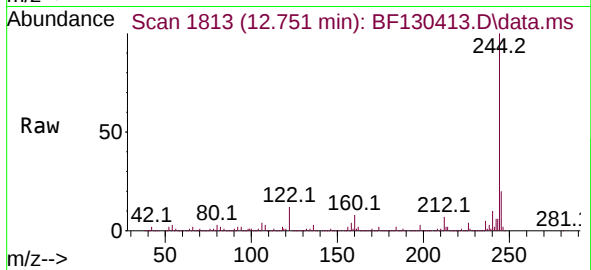
Tgt Ion:240 Resp: 160337
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 25.5 20.9 31.3



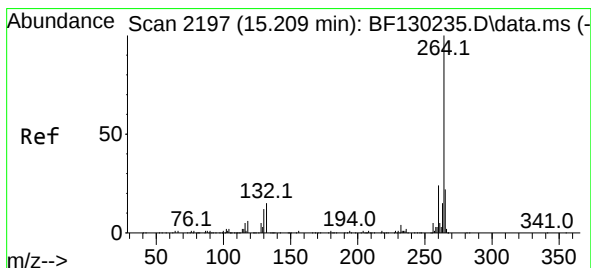
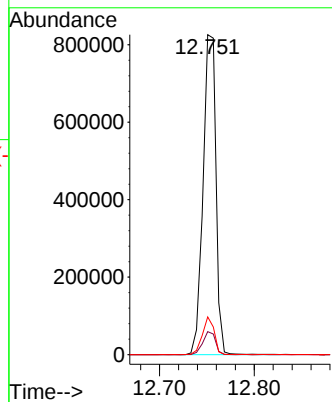
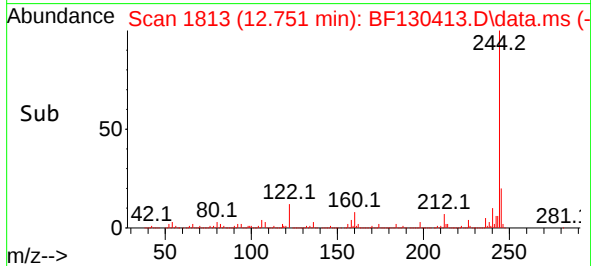


#79
 Terphenyl-d14
 Concen: 80.898 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130413.D
 Acq: 26 Sep 2022 17:56

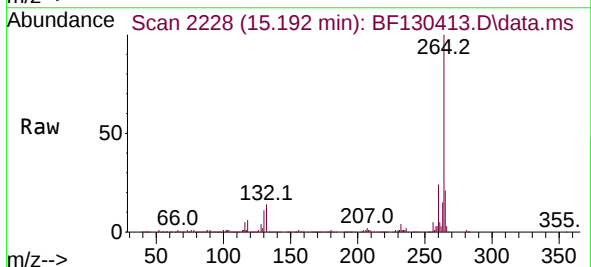
Instrument :
 BNA_F
 ClientSampleId :
 TWP-05



Tgt Ion:244 Resp: 783038
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. -0.000 min
 Lab File: BF130413.D
 Acq: 26 Sep 2022 17:56



Tgt Ion:264 Resp: 205962
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.1 17.0 25.4

