

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130176.D
 Acq On : 08 Sep 2022 11:43
 Operator : CG\JU
 Sample : PB147485TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147485TB

Quant Time: Sep 09 01:02:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	206218	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	814658	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	428516	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	746615	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	503625	20.000	ng	#-0.01
86) Perylene-d12	15.233	264	382752	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1804164	148.525	ng	0.01
7) Phenol-d6	6.334	99	2243527	148.145	ng	0.00
23) Nitrobenzene-d5	7.263	82	1371529	108.196	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	687164	176.165	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2481905	96.027	ng	0.00
79) Terphenyl-d14	12.798	244	2906354	100.074	ng	0.00

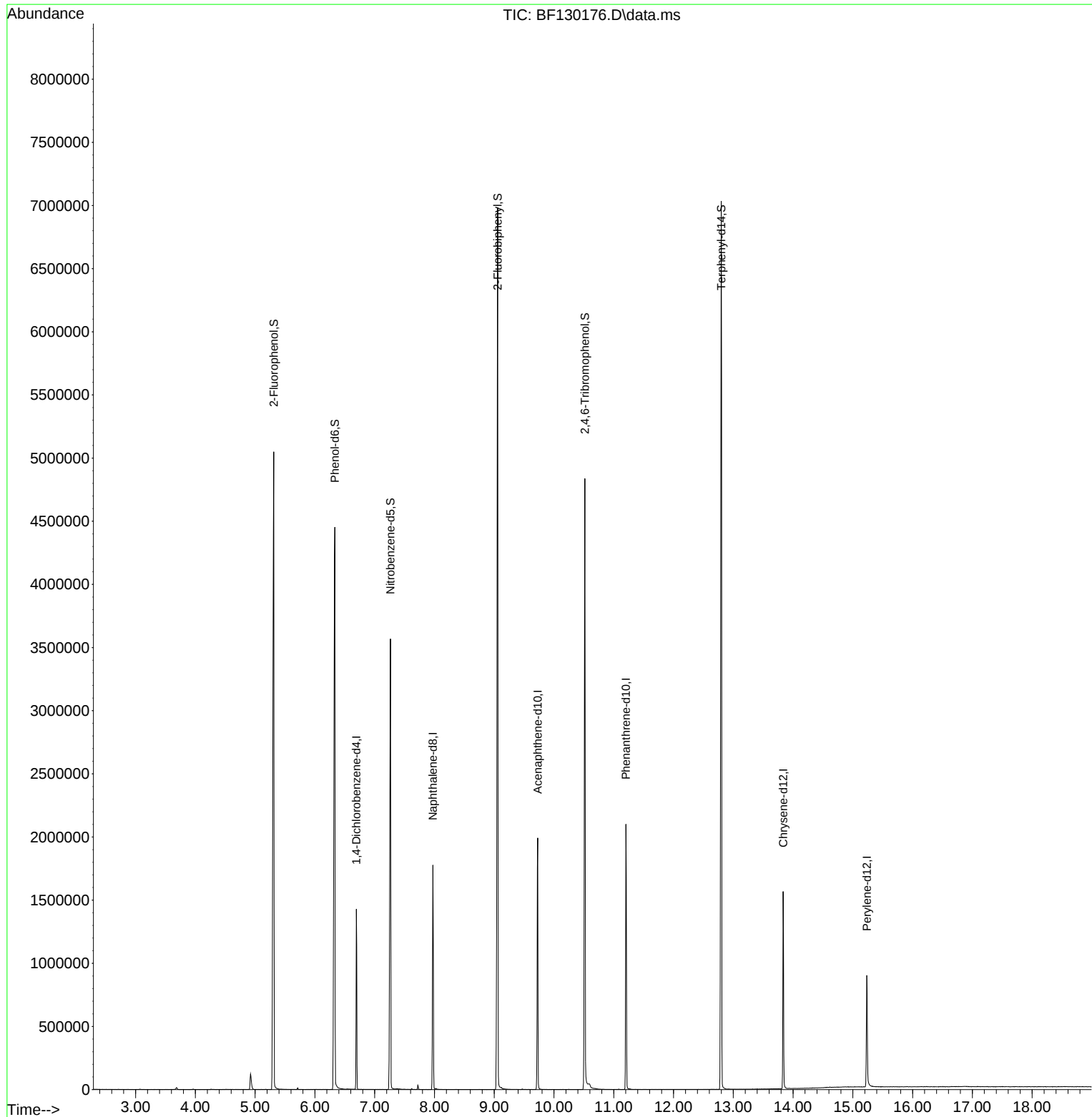
Target Compounds Qvalue

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

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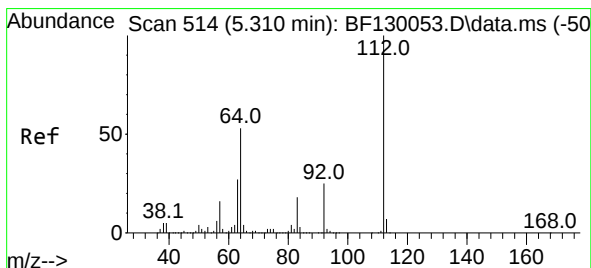
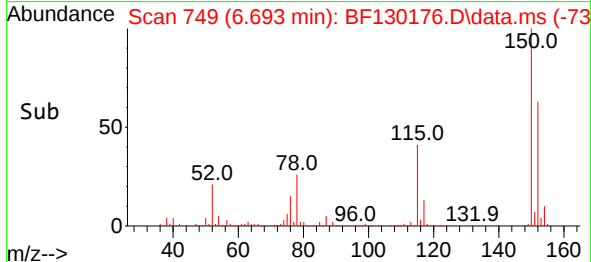
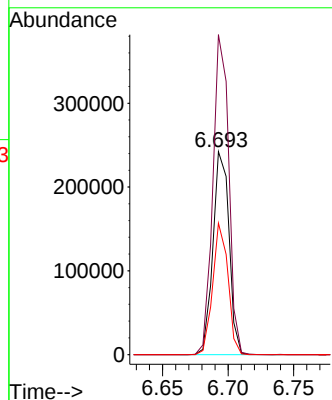
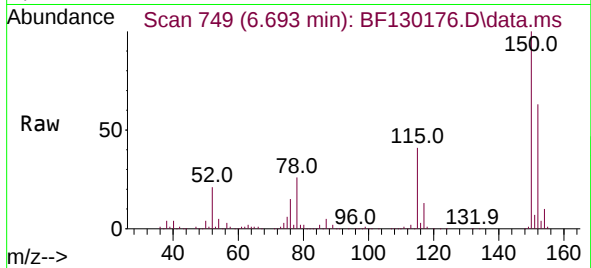




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.693 min Scan# 749
 Delta R.T. -0.005 min
 Lab File: BF130176.D
 Acq: 08 Sep 2022 11:43

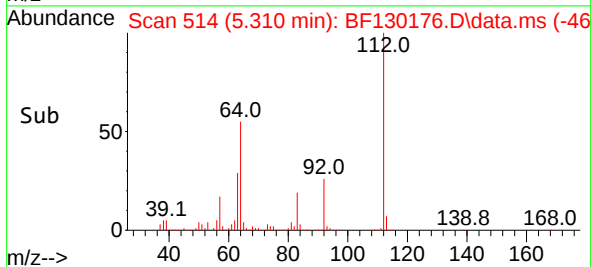
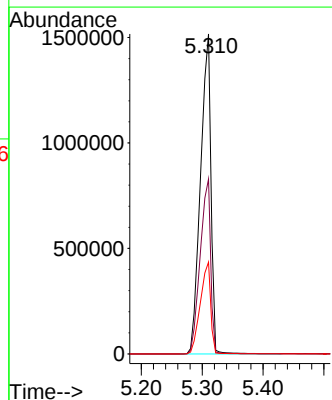
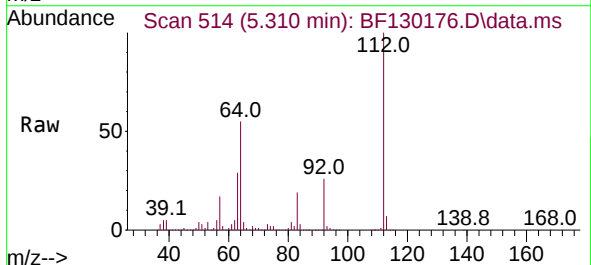
Instrument :
 BNA_F
 ClientSampleId :
 PB147485TB

Tgt Ion:152 Resp: 206218
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.9 190.3
 115 64.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 148.525 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.012 min
 Lab File: BF130176.D
 Acq: 08 Sep 2022 11:43

Tgt Ion:112 Resp: 1804164
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.6 71.4
 63 28.7 24.6 37.0

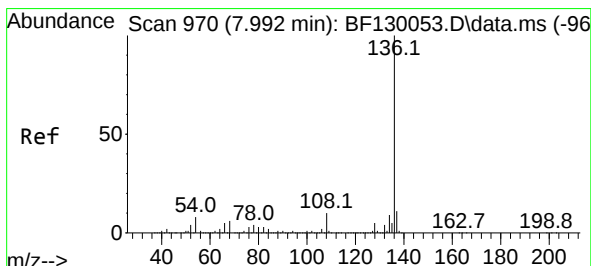
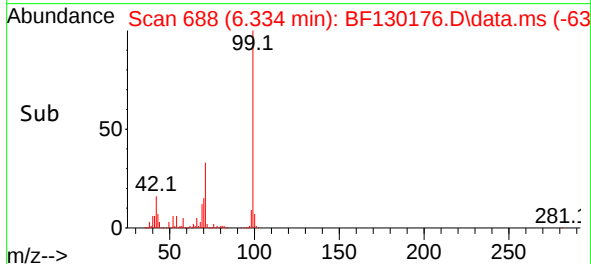
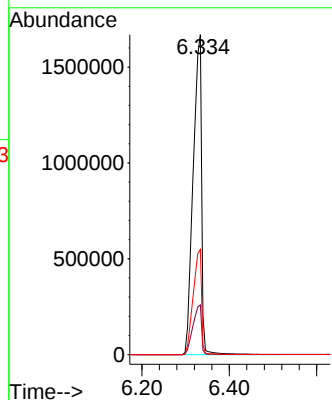
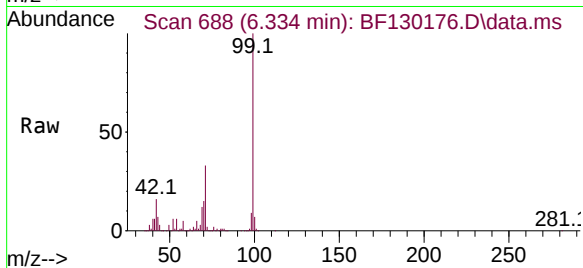




#7
Phenol-d6
Concen: 148.145 ng
RT: 6.334 min Scan# 68
Delta R.T. 0.000 min
Lab File: BF130176.D
Acq: 08 Sep 2022 11:43

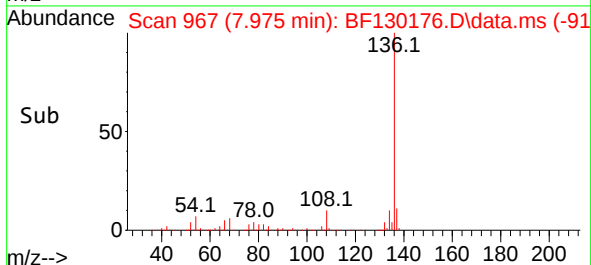
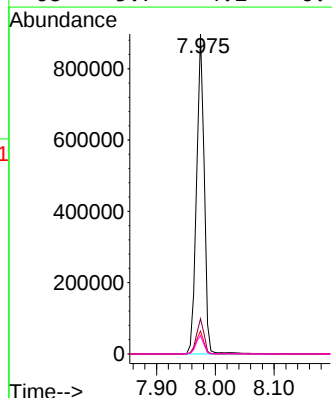
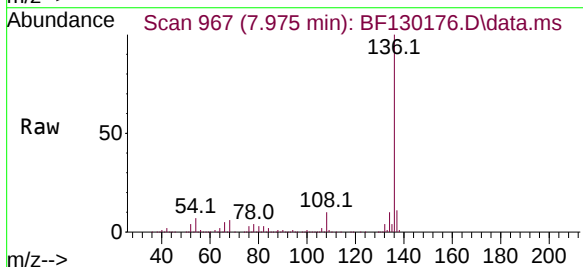
Instrument :
BNA_F
ClientSampleId :
PB147485TB

Tgt Ion: 99 Resp: 2243527
Ion Ratio Lower Upper
99 100
42 15.5 15.0 22.4
71 32.9 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130176.D
Acq: 08 Sep 2022 11:43

Tgt Ion: 136 Resp: 814658
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.2 6.2 9.2
68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 108.196 ng

RT: 7.263 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130176.D

Acq: 08 Sep 2022 11:43

Instrument :

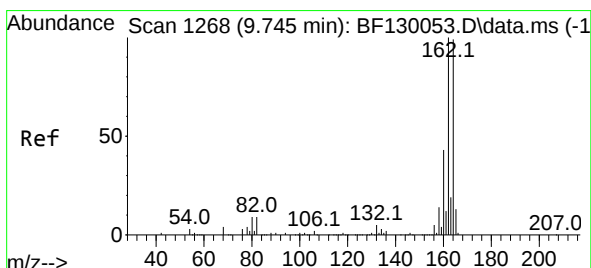
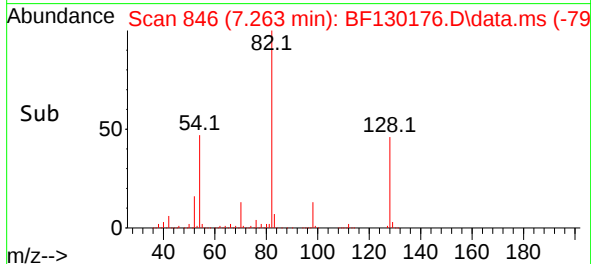
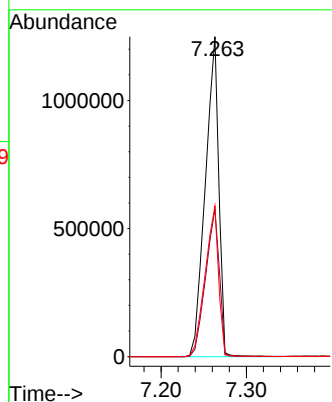
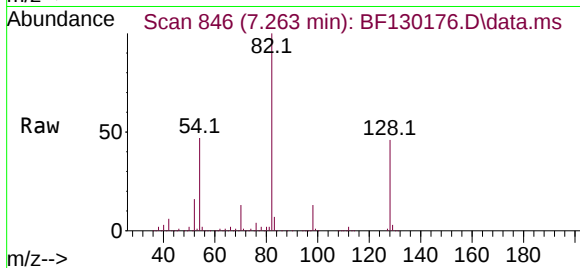
BNA_F

ClientSampleId :

PB147485TB

Tgt Ion: 82 Resp: 1371529

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	47.0	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.728 min Scan# 1265

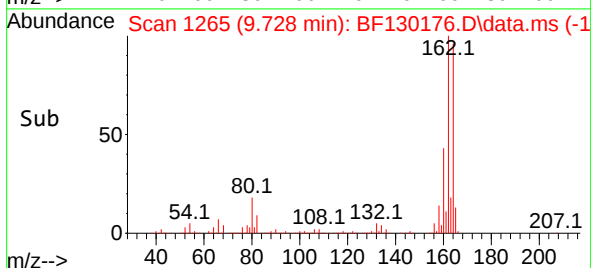
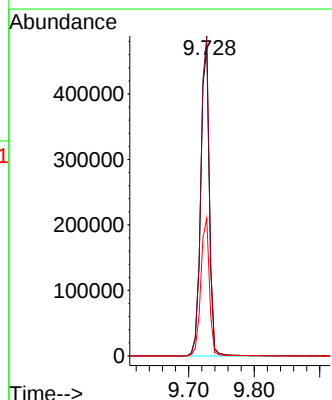
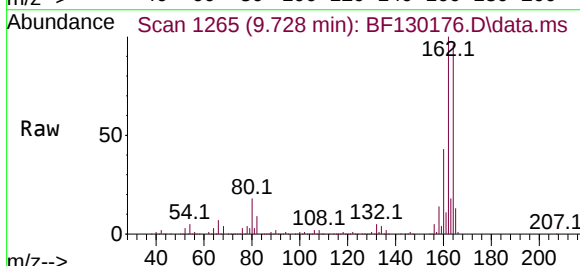
Delta R.T. -0.006 min

Lab File: BF130176.D

Acq: 08 Sep 2022 11:43

Tgt Ion:164 Resp: 428516

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.0	123.0
160	44.6	35.4	53.0

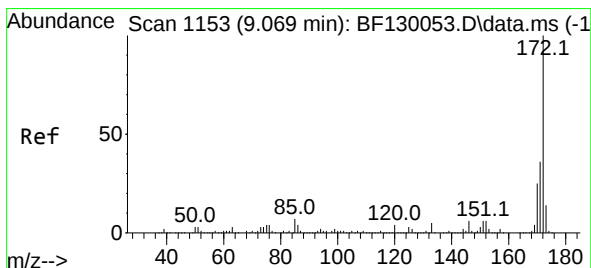
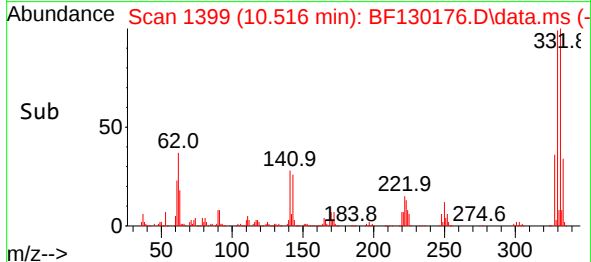
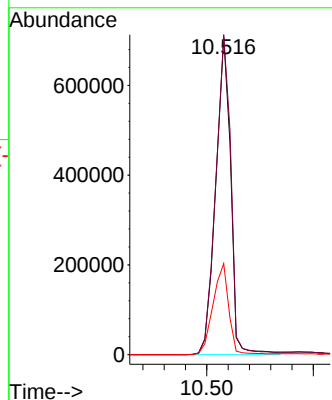
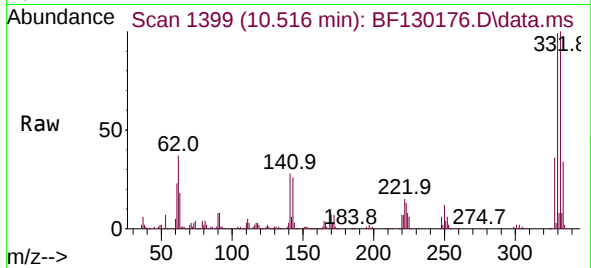




#42
2,4,6-Tribromophenol
Concen: 176.165 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130176.D
Acq: 08 Sep 2022 11:43

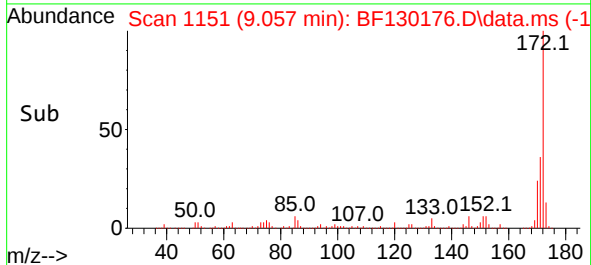
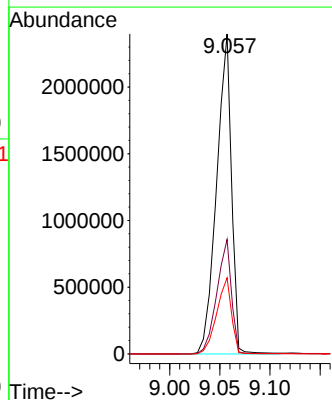
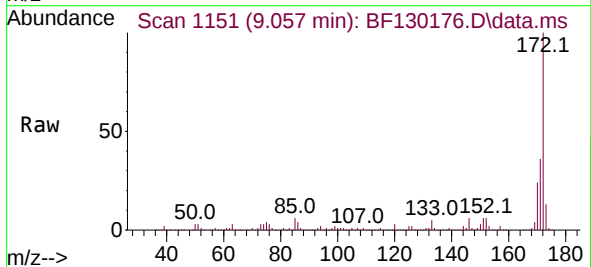
Instrument :
BNA_F
ClientSampleId :
PB147485TB

Tgt Ion:330 Resp: 687164
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 30.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 96.027 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF130176.D
Acq: 08 Sep 2022 11:43

Tgt Ion:172 Resp: 2481905
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.8 19.1 28.7

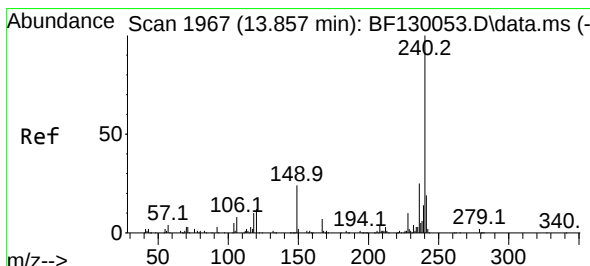
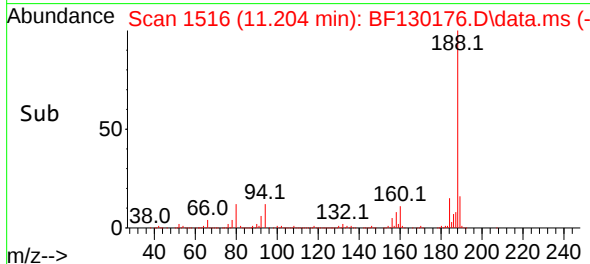
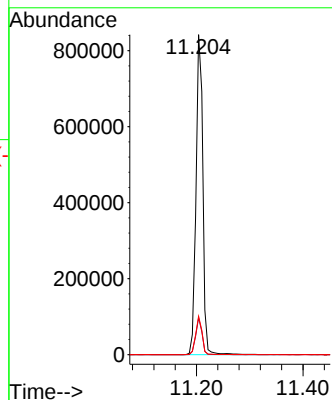
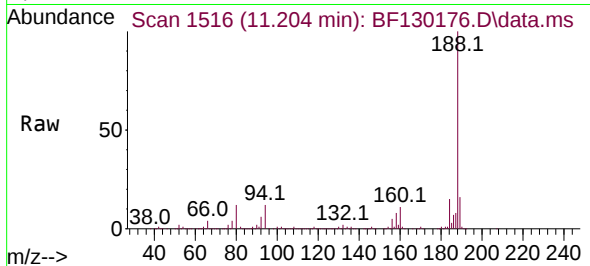




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130176.D
Acq: 08 Sep 2022 11:43

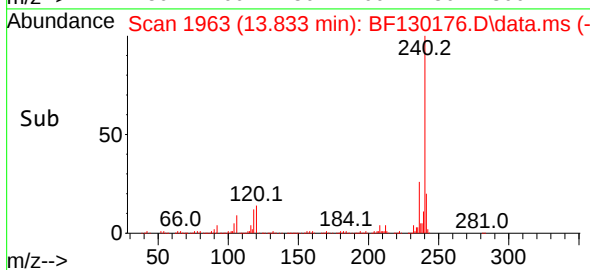
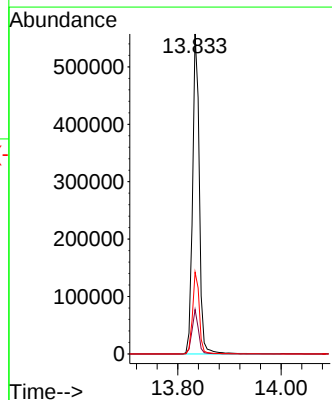
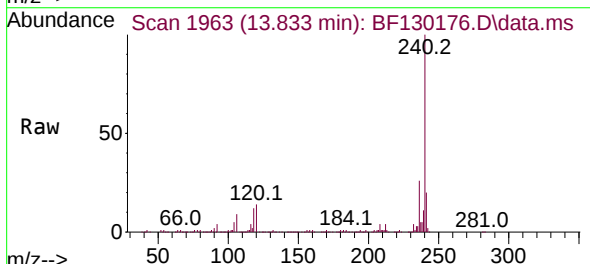
Instrument :
BNA_F
ClientSampleId :
PB147485TB

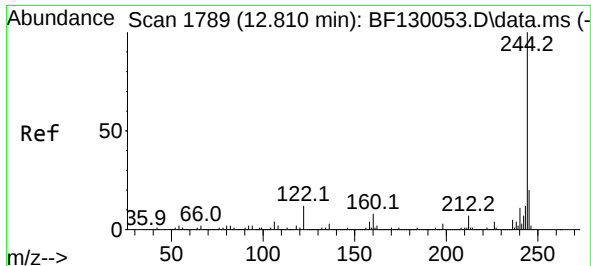
Tgt Ion:188 Resp: 746615
Ion Ratio Lower Upper
188 100
94 11.6 7.4 11.2#
80 12.0 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130176.D
Acq: 08 Sep 2022 11:43

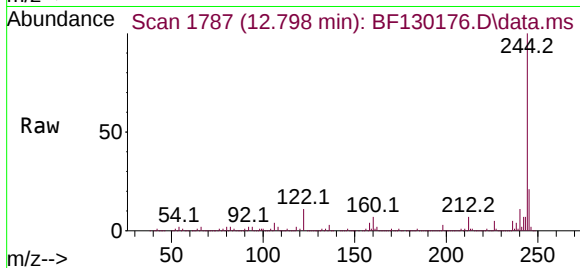
Tgt Ion:240 Resp: 503625
Ion Ratio Lower Upper
240 100
120 13.9 9.2 13.8#
236 25.6 20.7 31.1



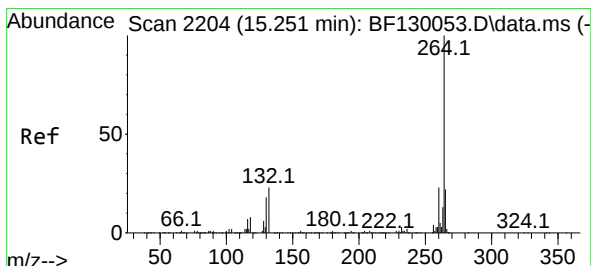
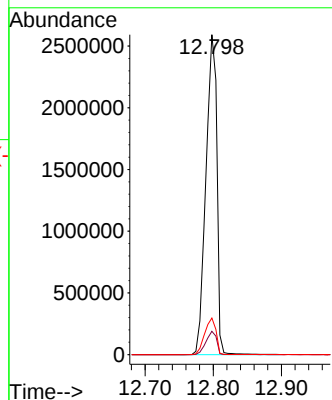
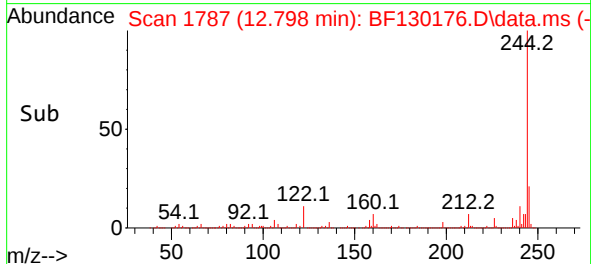


#79
 Terphenyl-d14
 Concen: 100.074 ng
 RT: 12.798 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130176.D
 Acq: 08 Sep 2022 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB147485TB



Tgt Ion:244 Resp: 2906354
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130176.D
 Acq: 08 Sep 2022 11:43

Tgt Ion:264 Resp: 382752
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 22.6 16.7 25.1

