

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131500.D
 Acq On : 02 Dec 2022 17:30
 Operator : CG\JU
 Sample : N5848-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-6

Quant Time: Dec 05 00:03:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 05 00:00:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	59681	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	251712	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	176968	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	296689	20.000	ng	0.00
76) Chrysene-d12	14.133	240	180981	20.000	ng	0.00
86) Perylene-d12	15.656	264	183722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	463862	147.925	ng	0.01
7) Phenol-d6	6.545	99	559587	139.865	ng	-0.01
23) Nitrobenzene-d5	7.492	82	331214	66.330	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	191998	128.958	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	832505	68.439	ng	0.00
79) Terphenyl-d14	13.068	244	773141	69.858	ng	0.00

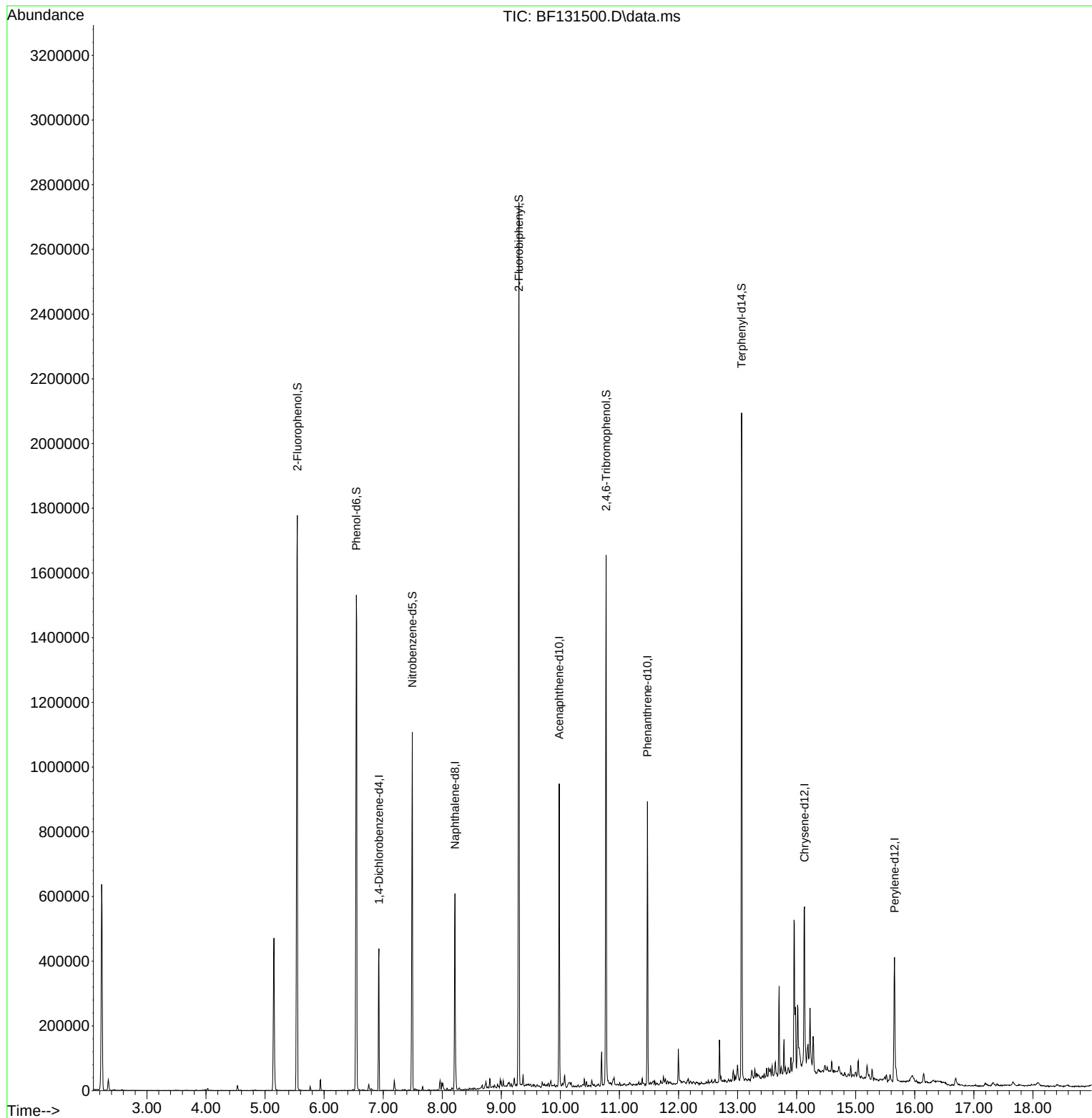
Target Compounds	Qvalue

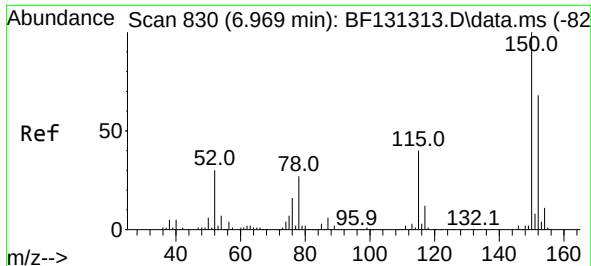
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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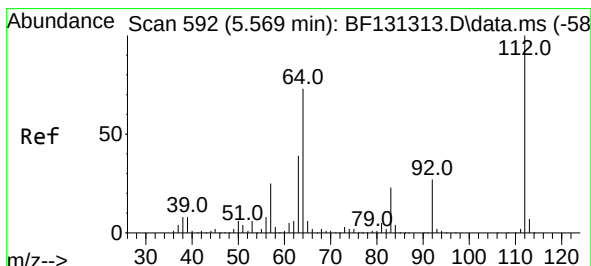
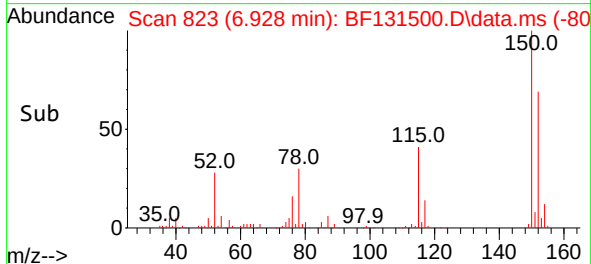
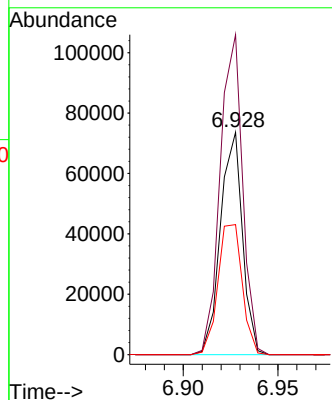
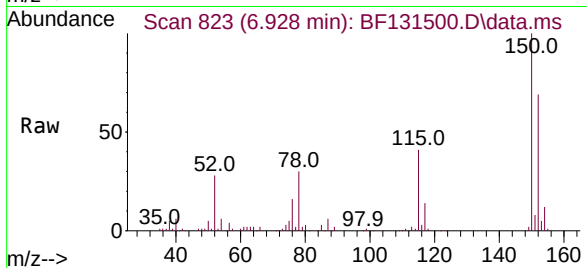




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131500.D
 Acq: 02 Dec 2022 17:30

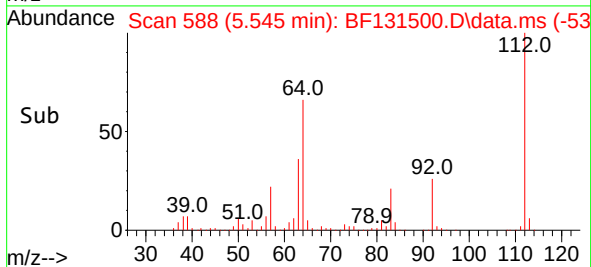
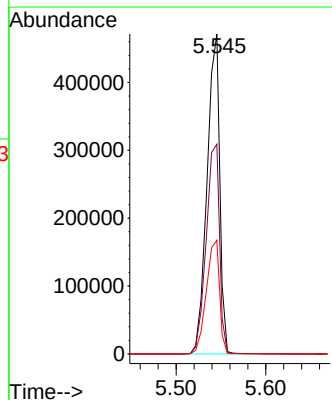
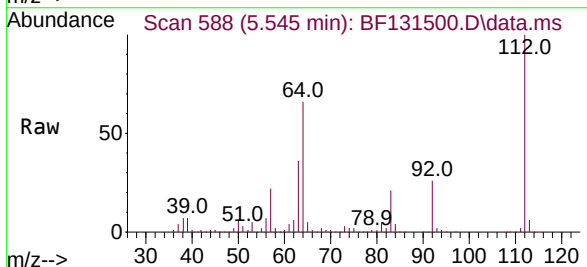
Instrument :
 BNA_F
 ClientSampleId :
 PE-6

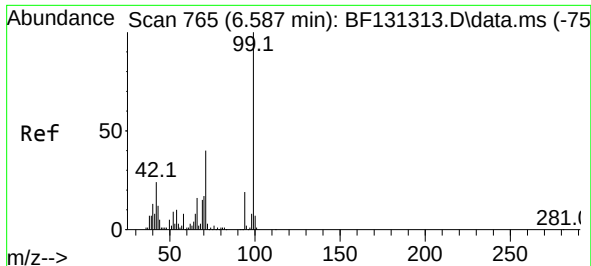
Tgt Ion:152 Resp: 59681
 Ion Ratio Lower Upper
 152 100
 150 143.9 117.8 176.8
 115 58.4 47.1 70.7



#5
 2-Fluorophenol
 Concen: 147.925 ng
 RT: 5.545 min Scan# 588
 Delta R.T. 0.012 min
 Lab File: BF131500.D
 Acq: 02 Dec 2022 17:30

Tgt Ion:112 Resp: 463862
 Ion Ratio Lower Upper
 112 100
 64 65.5 58.6 88.0
 63 35.5 31.4 47.0

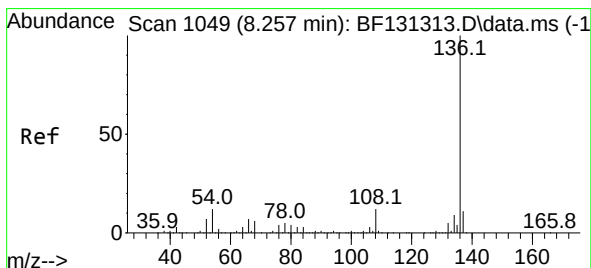
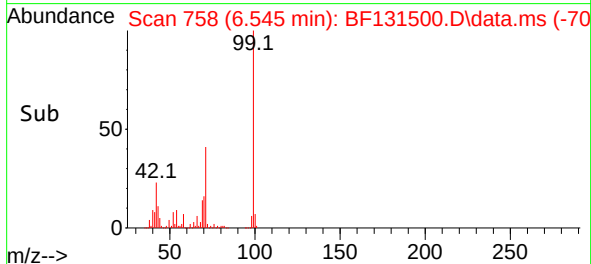
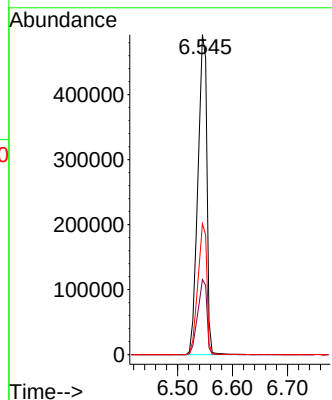
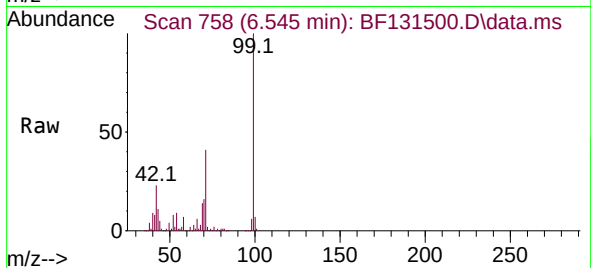




#7
Phenol-d6
Concen: 139.865 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

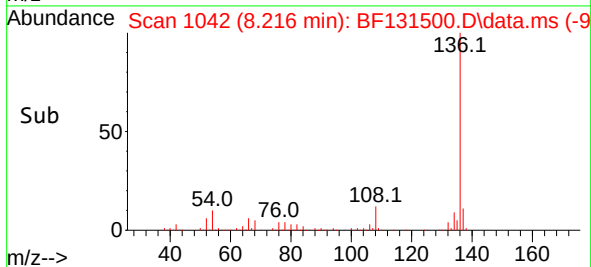
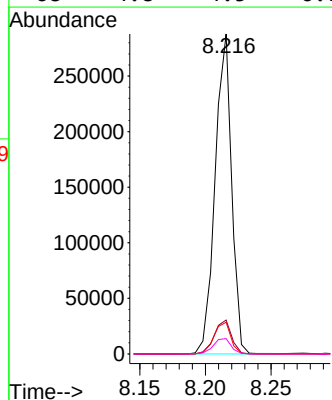
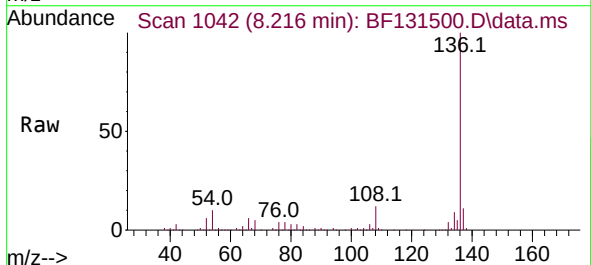
Instrument :
BNA_F
ClientSampleId :
PE-6

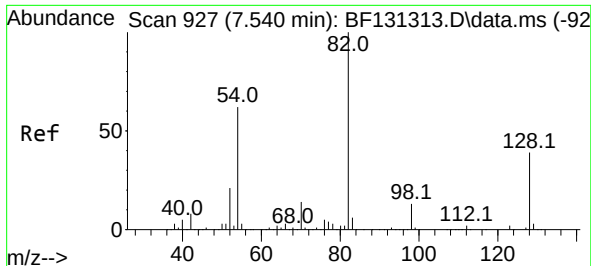
Tgt Ion: 99 Resp: 559587
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 40.9 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

Tgt Ion: 136 Resp: 251712
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.9 9.4 14.0
68 4.8 4.5 6.7

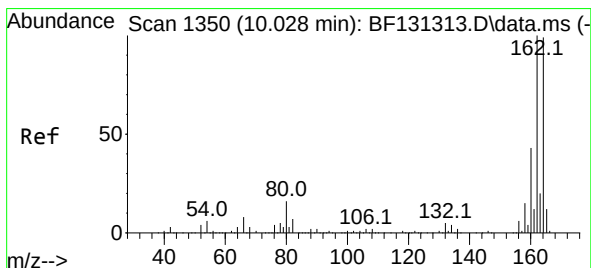
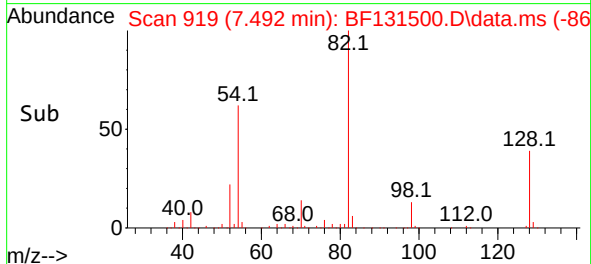
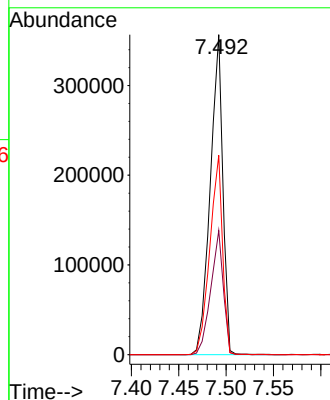
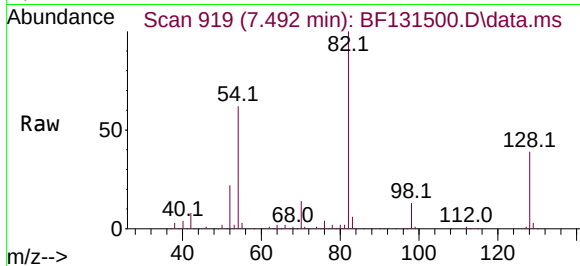




#23
 Nitrobenzene-d5
 Concen: 66.330 ng
 RT: 7.492 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF131500.D
 Acq: 02 Dec 2022 17:30

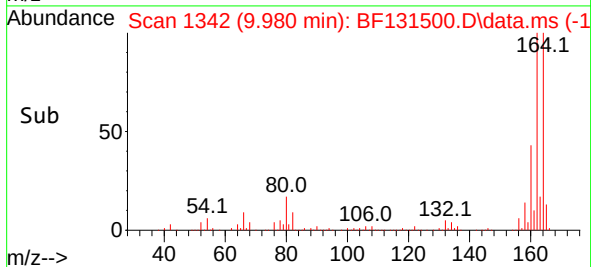
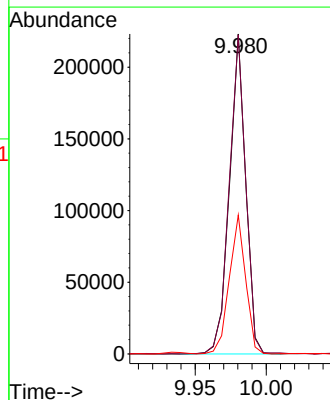
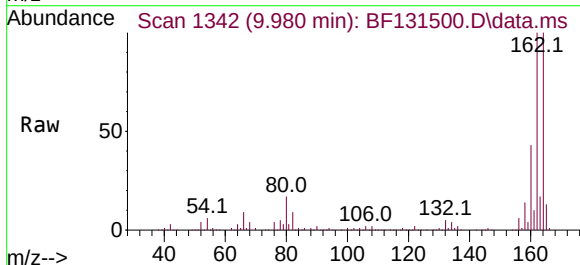
Instrument :
 BNA_F
 ClientSampleId :
 PE-6

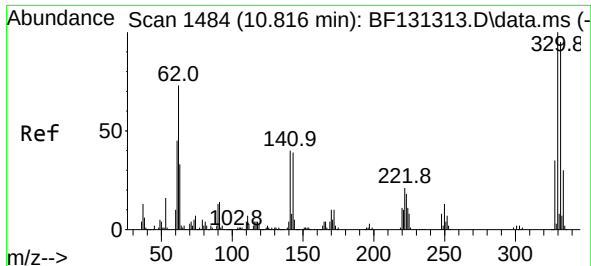
Tgt Ion: 82 Resp: 331214
 Ion Ratio Lower Upper
 82 100
 128 38.8 31.4 47.0
 54 62.3 49.8 74.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.980 min Scan# 1342
 Delta R.T. -0.006 min
 Lab File: BF131500.D
 Acq: 02 Dec 2022 17:30

Tgt Ion:164 Resp: 176968
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.6 120.8
 160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 128.958 ng

RT: 10.774 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131500.D

Acq: 02 Dec 2022 17:30

Instrument :

BNA_F

ClientSampleId :

PE-6

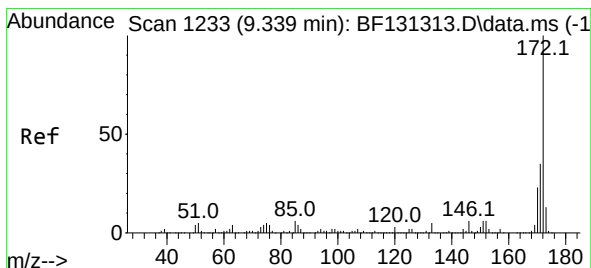
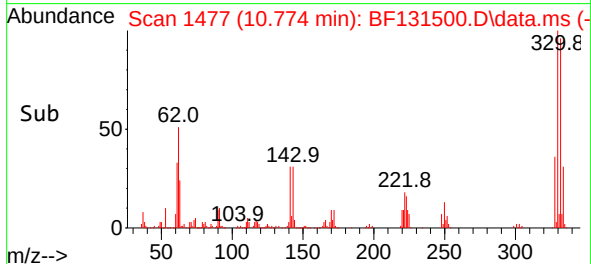
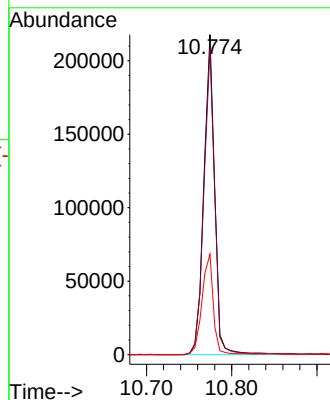
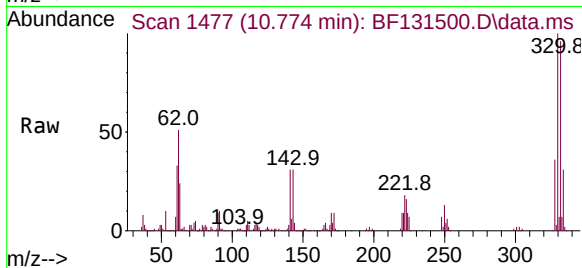
Tgt Ion:330 Resp: 191998

Ion Ratio Lower Upper

330 100

332 96.4 77.5 116.3

141 33.0 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 68.439 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF131500.D

Acq: 02 Dec 2022 17:30

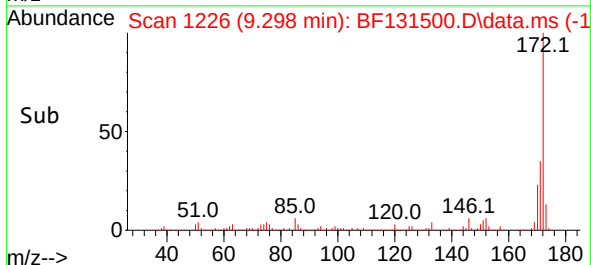
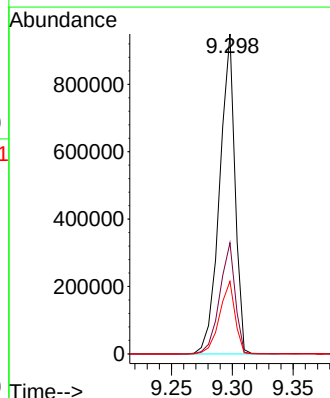
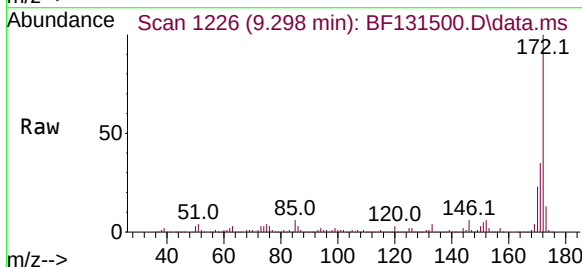
Tgt Ion:172 Resp: 832505

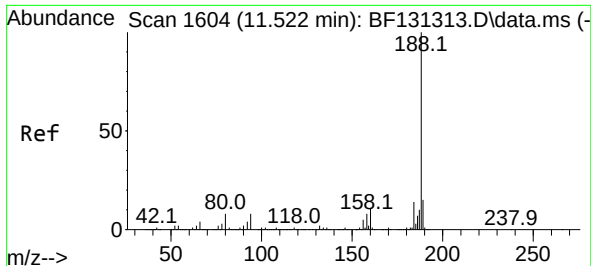
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 22.7 18.7 28.1

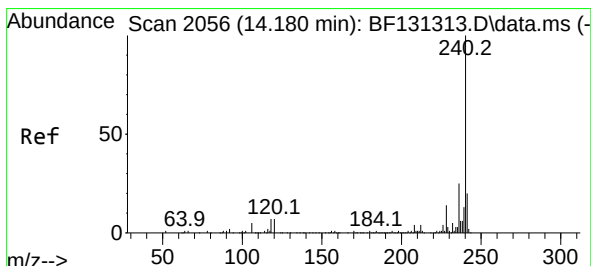
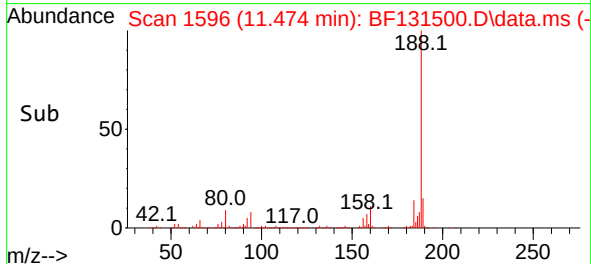
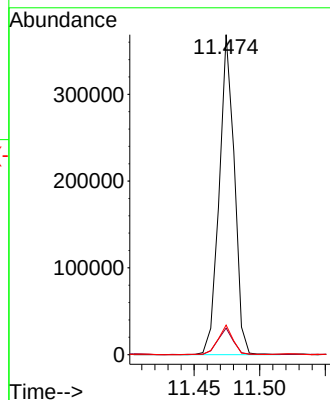
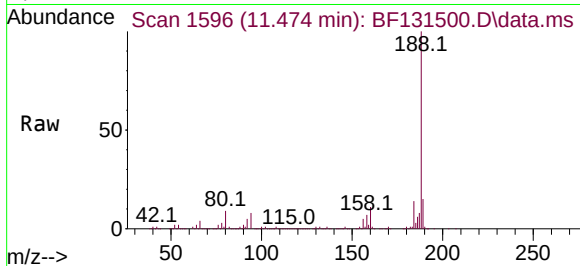




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

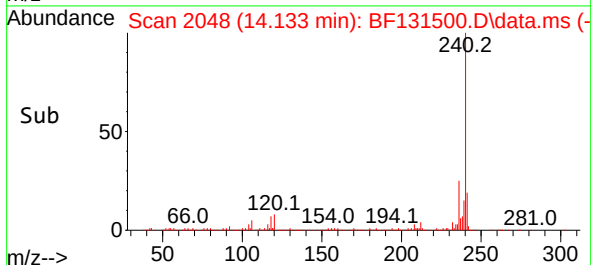
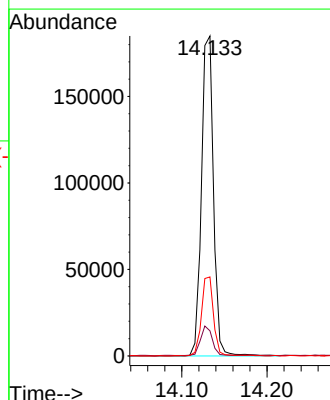
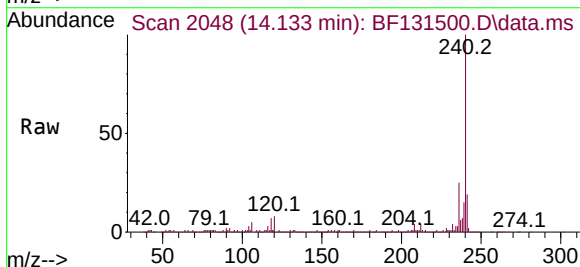
Instrument :
BNA_F
ClientSampleId :
PE-6

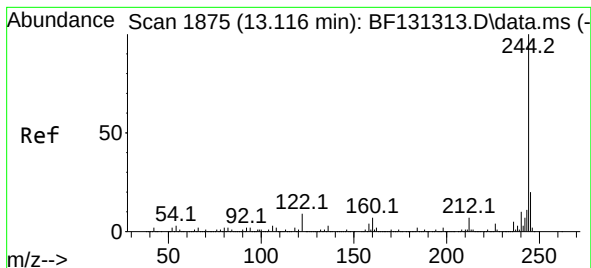
Tgt Ion:188 Resp: 296689
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 9.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BF131500.D
Acq: 02 Dec 2022 17:30

Tgt Ion:240 Resp: 180981
Ion Ratio Lower Upper
240 100
120 7.8 5.8 8.8
236 24.7 20.3 30.5





#79

Terphenyl-d14

Concen: 69.858 ng

RT: 13.068 min Scan# 1875

Delta R.T. -0.006 min

Lab File: BF131500.D

Acq: 02 Dec 2022 17:30

Instrument :

BNA_F

ClientSampleId :

PE-6

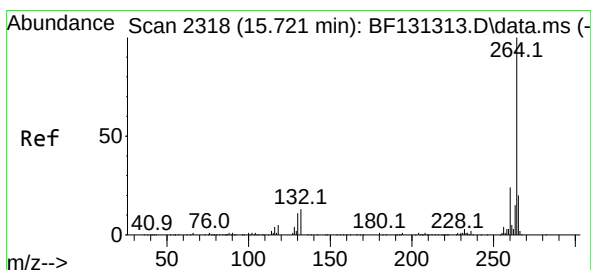
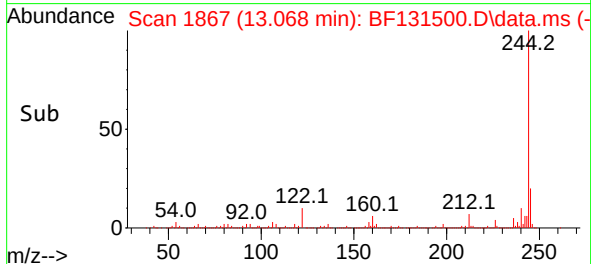
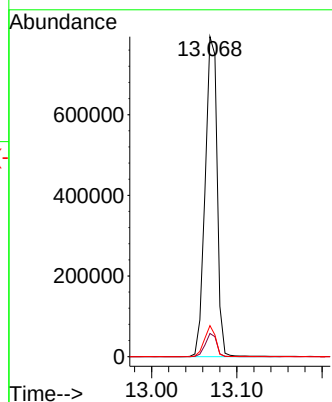
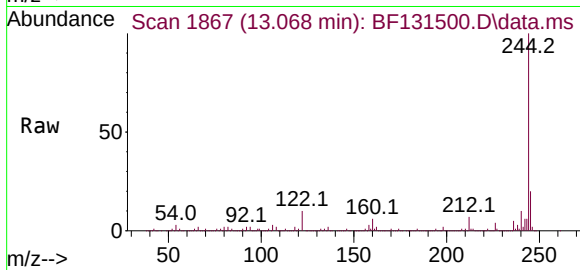
Tgt Ion:244 Resp: 773141

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.7 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.656 min Scan# 2307

Delta R.T. -0.006 min

Lab File: BF131500.D

Acq: 02 Dec 2022 17:30

Tgt Ion:264 Resp: 183722

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.6 16.4 24.6

