

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131496.D
 Acq On : 02 Dec 2022 15:20
 Operator : CG\JU
 Sample : N5848-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Dec 05 00:02:46 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	94194	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	348342	20.000	ng	# 0.00
39) Acenaphthene-d10	9.981	164	199317	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	359563	20.000	ng	0.00
76) Chrysene-d12	14.133	240	251296	20.000	ng	0.00
86) Perylene-d12	15.657	264	204952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	387796	78.355	ng	0.01
7) Phenol-d6	6.545	99	681226	107.881	ng	-0.01
23) Nitrobenzene-d5	7.492	82	429717	62.184	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	203427	121.314	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	812370	59.295	ng	0.00
79) Terphenyl-d14	13.074	244	893192	58.123	ng	0.00

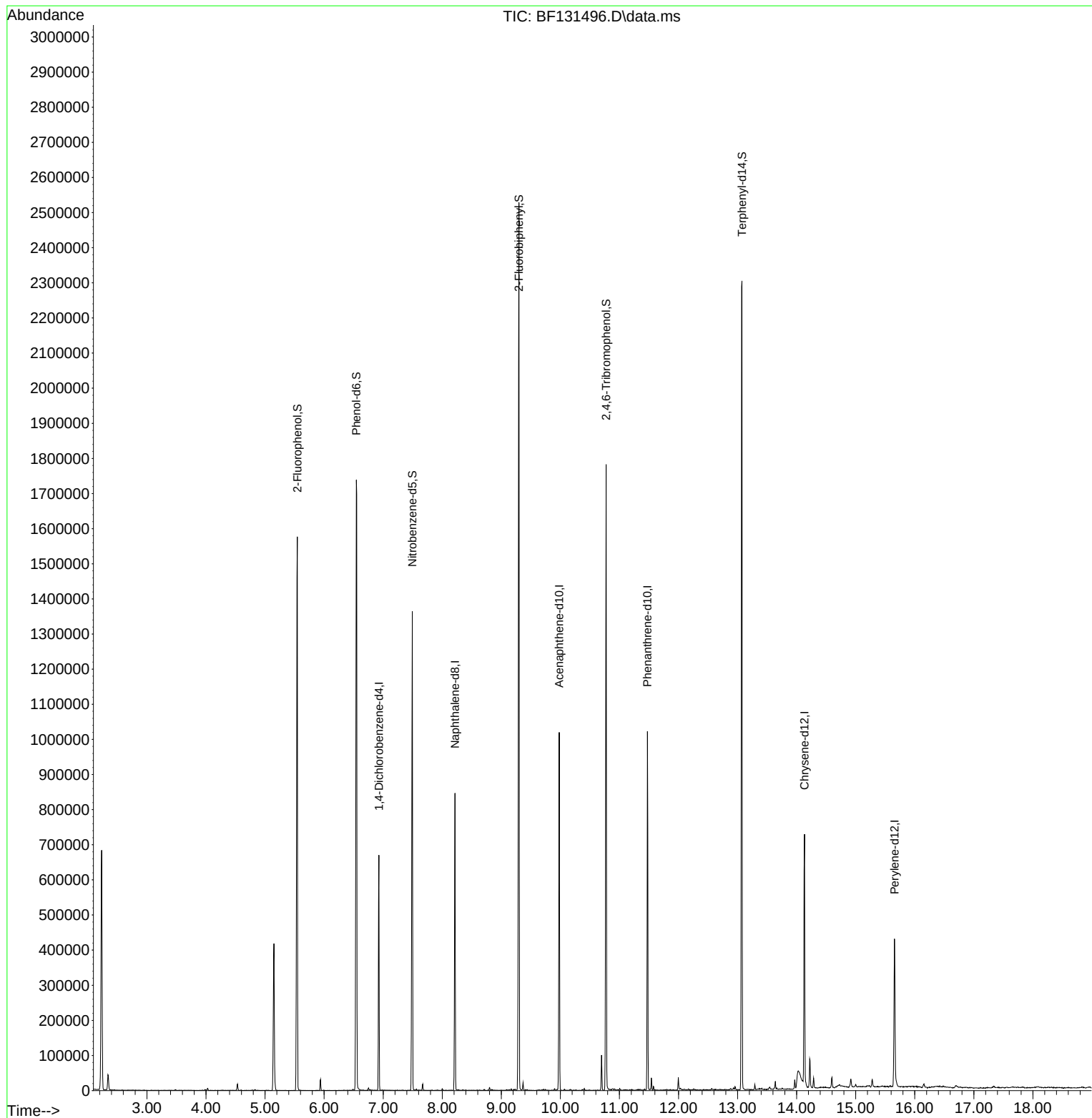
Target Compounds	Qvalue

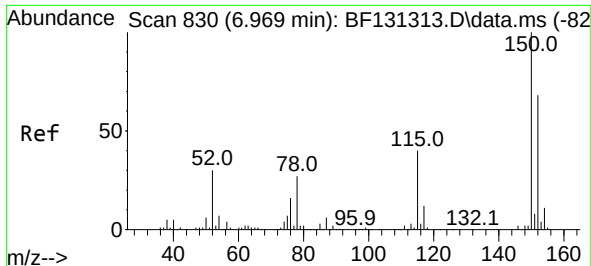
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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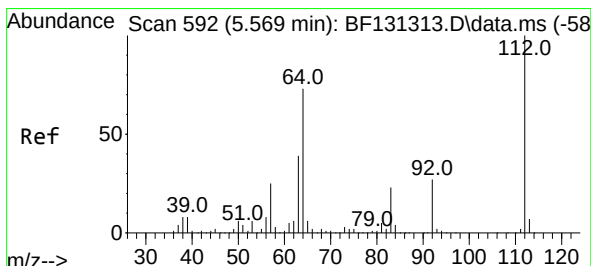
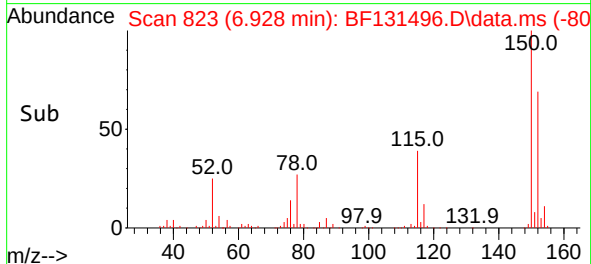
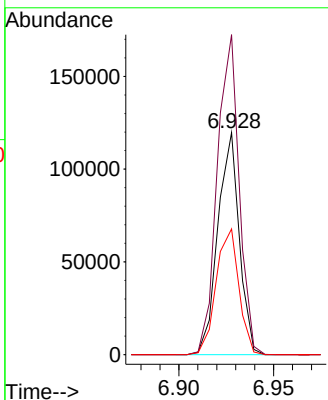
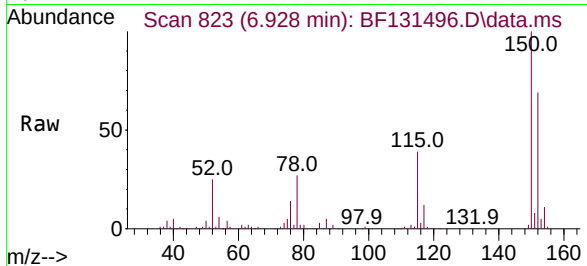




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131496.D
 Acq: 02 Dec 2022 15:20

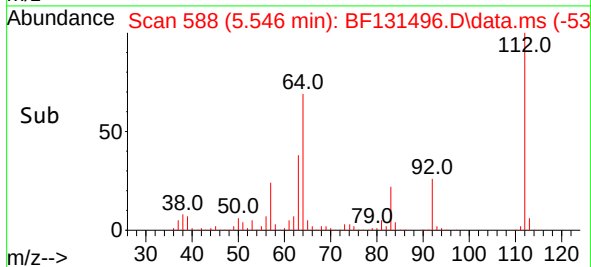
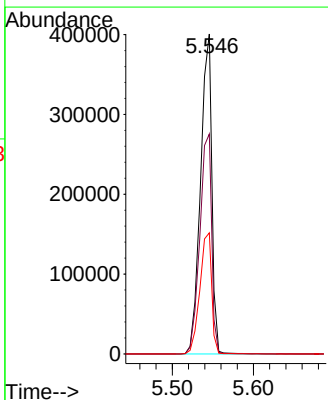
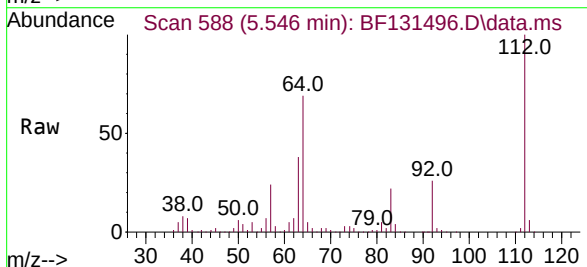
Instrument :
 BNA_F
 ClientSampleId :
 PE-4

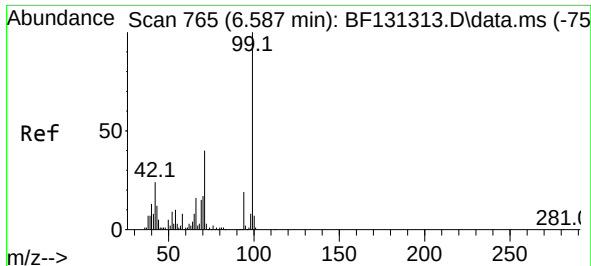
Tgt Ion:152 Resp: 94194
 Ion Ratio Lower Upper
 152 100
 150 144.1 117.8 176.8
 115 56.6 47.1 70.7



#5
 2-Fluorophenol
 Concen: 78.355 ng
 RT: 5.546 min Scan# 588
 Delta R.T. 0.012 min
 Lab File: BF131496.D
 Acq: 02 Dec 2022 15:20

Tgt Ion:112 Resp: 387796
 Ion Ratio Lower Upper
 112 100
 64 68.7 58.6 88.0
 63 37.9 31.4 47.0

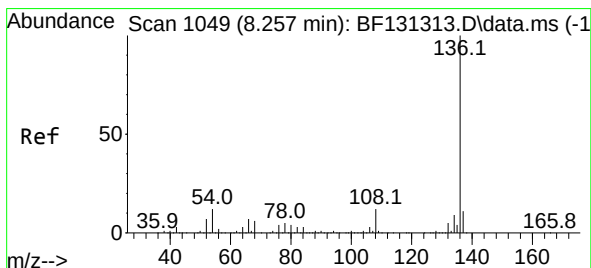
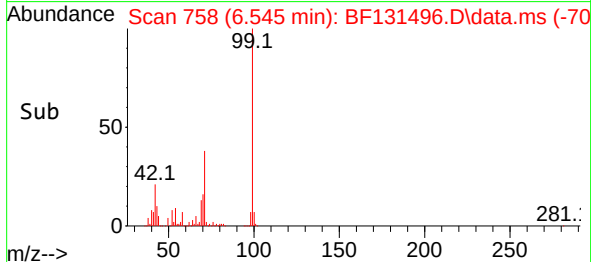
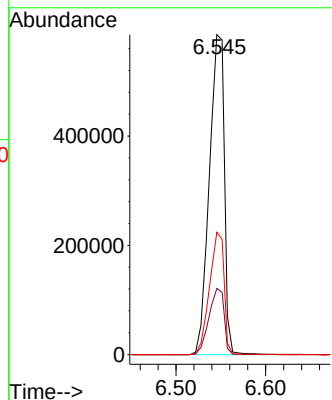
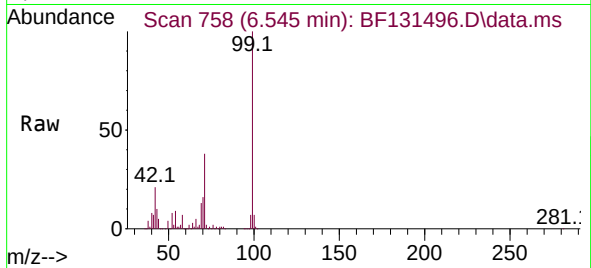




#7
Phenol-d6
Concen: 107.881 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

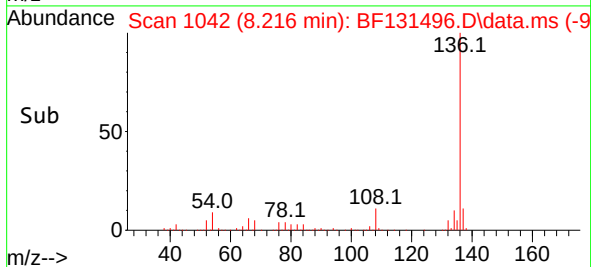
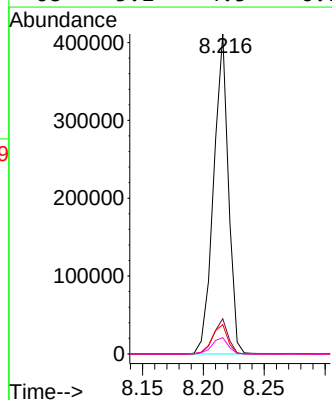
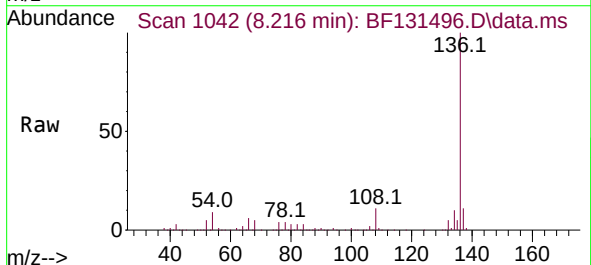
Instrument :
BNA_F
ClientSampleId :
PE-4

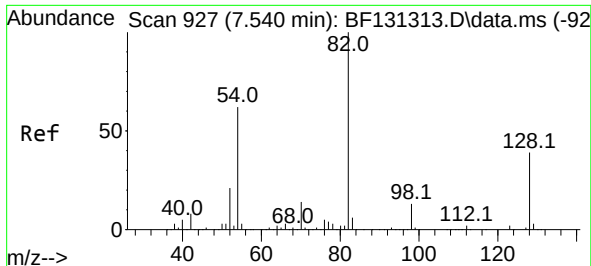
Tgt Ion: 99 Resp: 681226
Ion Ratio Lower Upper
99 100
42 20.7 19.4 29.2
71 38.2 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion: 136 Resp: 348342
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.2 9.4 14.0#
68 5.1 4.5 6.7

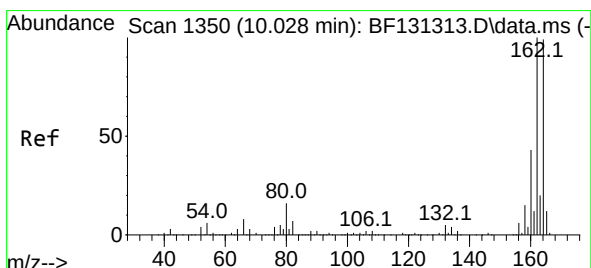
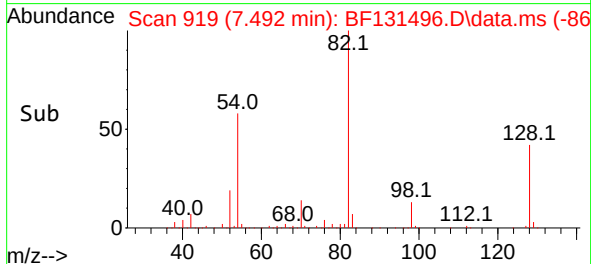
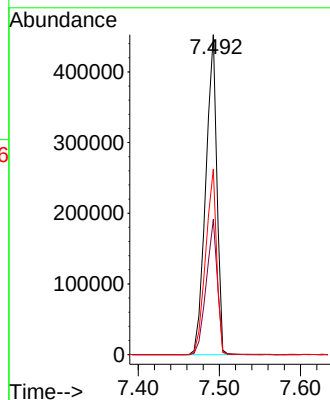
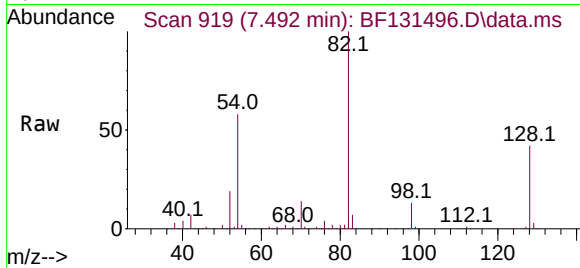




#23
Nitrobenzene-d5
Concen: 62.184 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

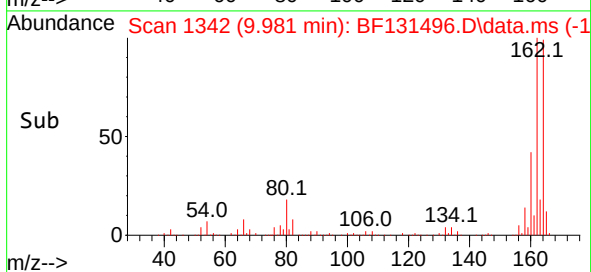
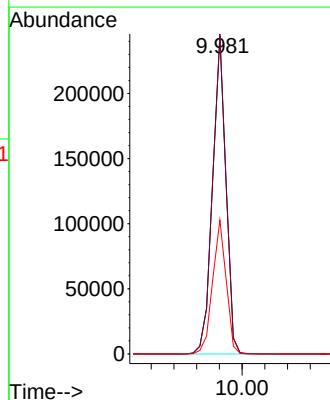
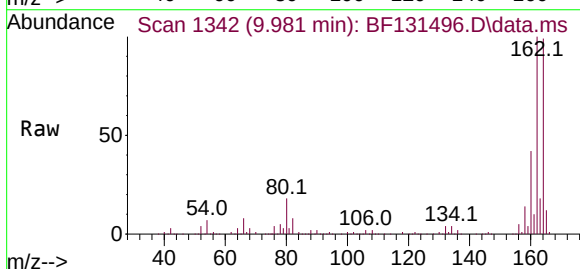
Instrument :
BNA_F
ClientSampleId :
PE-4

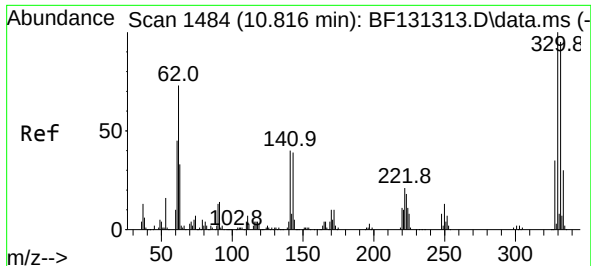
Tgt Ion: 82 Resp: 429717
Ion Ratio Lower Upper
82 100
128 42.3 31.4 47.0
54 58.0 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131496.D
Acq: 02 Dec 2022 15:20

Tgt Ion:164 Resp: 199317
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 42.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 121.314 ng

RT: 10.775 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF131496.D

Acq: 02 Dec 2022 15:20

Instrument :

BNA_F

ClientSampleId :

PE-4

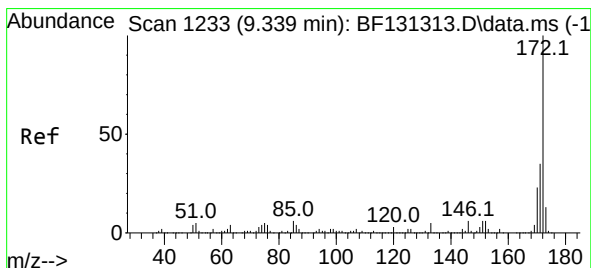
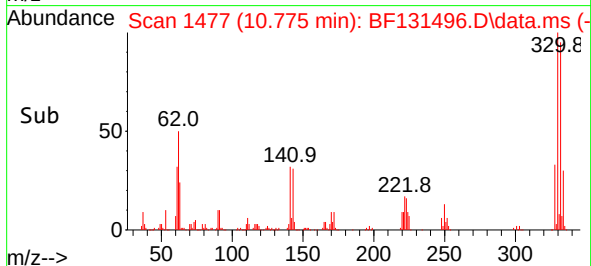
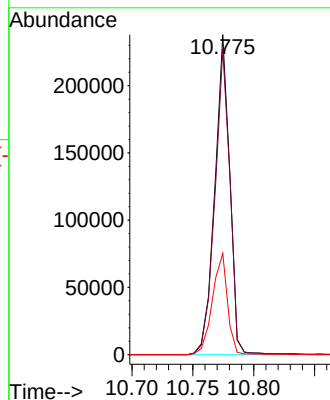
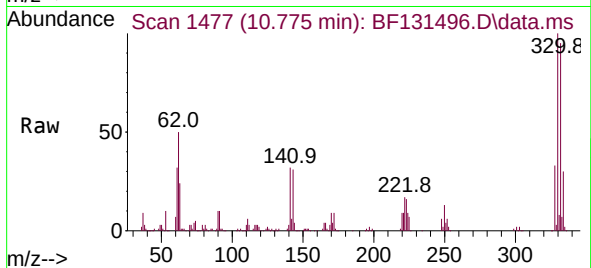
Tgt Ion:330 Resp: 203427

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 32.2 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 59.295 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF131496.D

Acq: 02 Dec 2022 15:20

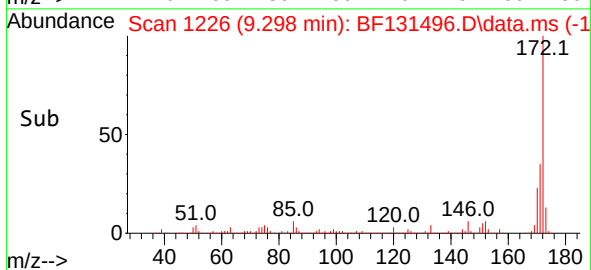
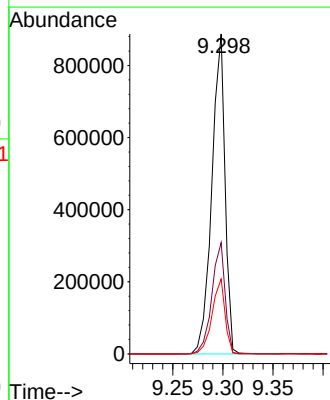
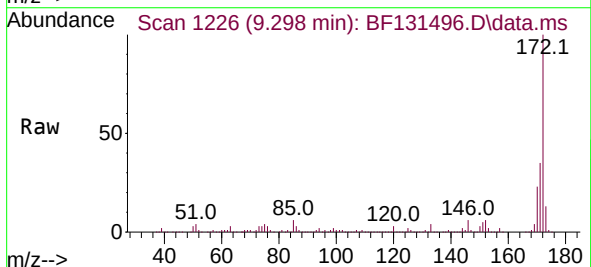
Tgt Ion:172 Resp: 812370

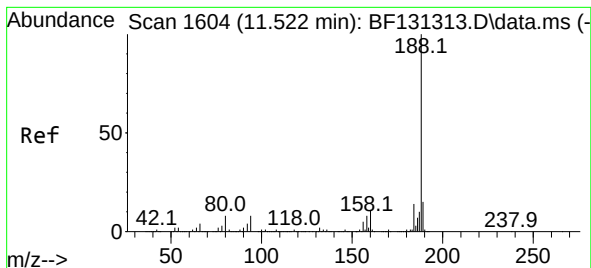
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131496.D

Acq: 02 Dec 2022 15:20

Instrument :

BNA_F

ClientSampleId :

PE-4

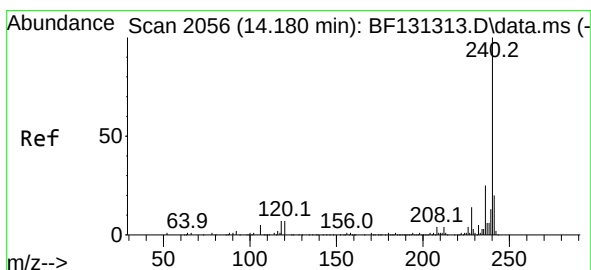
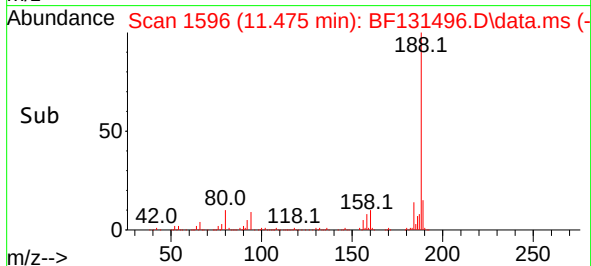
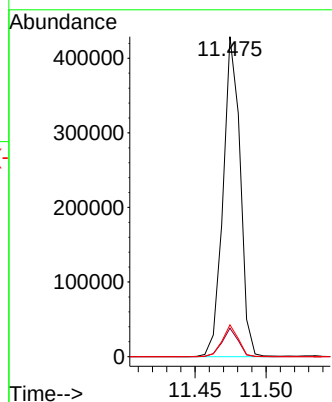
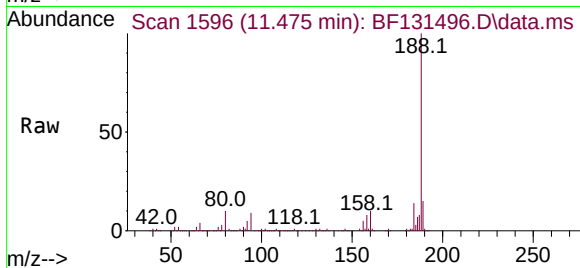
Tgt Ion:188 Resp: 359563

Ion Ratio Lower Upper

188 100

94 8.9 6.3 9.5

80 9.9 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: BF131496.D

Acq: 02 Dec 2022 15:20

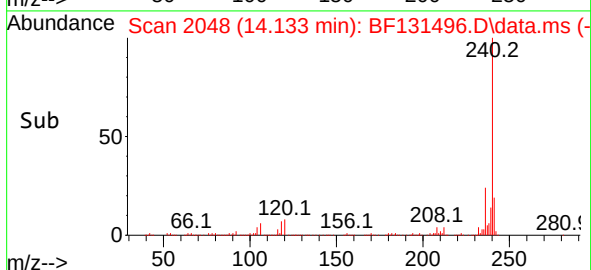
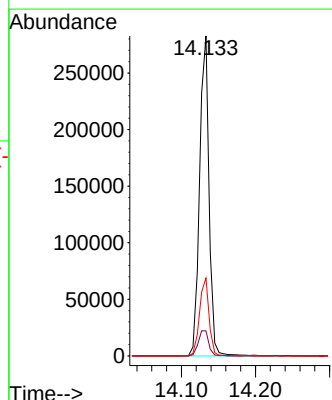
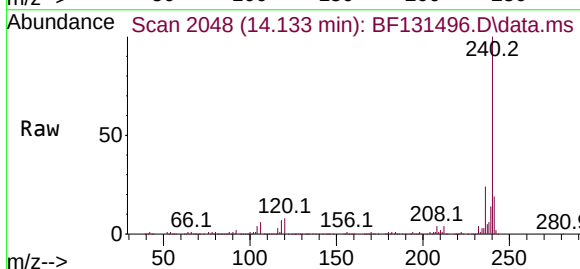
Tgt Ion:240 Resp: 251296

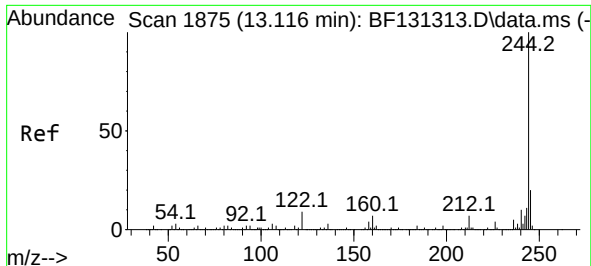
Ion Ratio Lower Upper

240 100

120 7.9 5.8 8.8

236 24.3 20.3 30.5

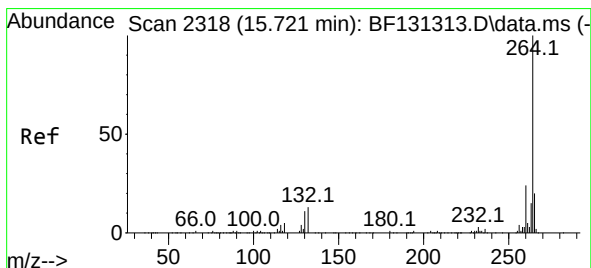
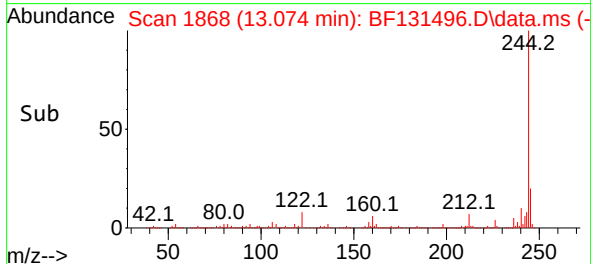
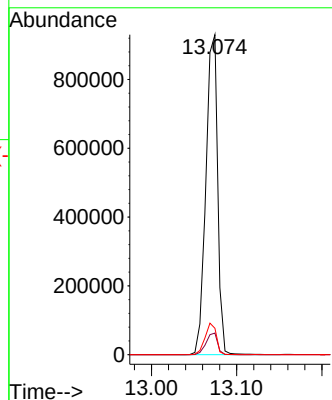
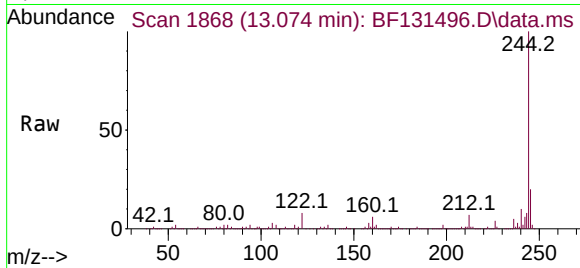




#79
 Terphenyl-d14
 Concen: 58.123 ng
 RT: 13.074 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: BF131496.D
 Acq: 02 Dec 2022 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tgt Ion:244 Resp: 893192
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 8.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF131496.D
 Acq: 02 Dec 2022 15:20

Tgt Ion:264 Resp: 204952
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 21.1 16.4 24.6

