

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132566.D
 Acq On : 28 Feb 2023 11:55
 Operator : CG\JU
 Sample : PB151085BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151085BL

Quant Time: Feb 28 12:53:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	156911	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	581836	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	322724	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	660464	20.000	ng	0.00
76) Chrysene-d12	14.204	240	514005	20.000	ng	0.00
86) Perylene-d12	15.757	264	437468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1257648	130.082	ng	0.00
7) Phenol-d6	6.634	99	1605920	127.274	ng	0.00
23) Nitrobenzene-d5	7.569	82	1077761	87.883	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	512448	147.032	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	1796392	84.757	ng	0.00
79) Terphenyl-d14	13.139	244	2525278	83.065	ng	0.00

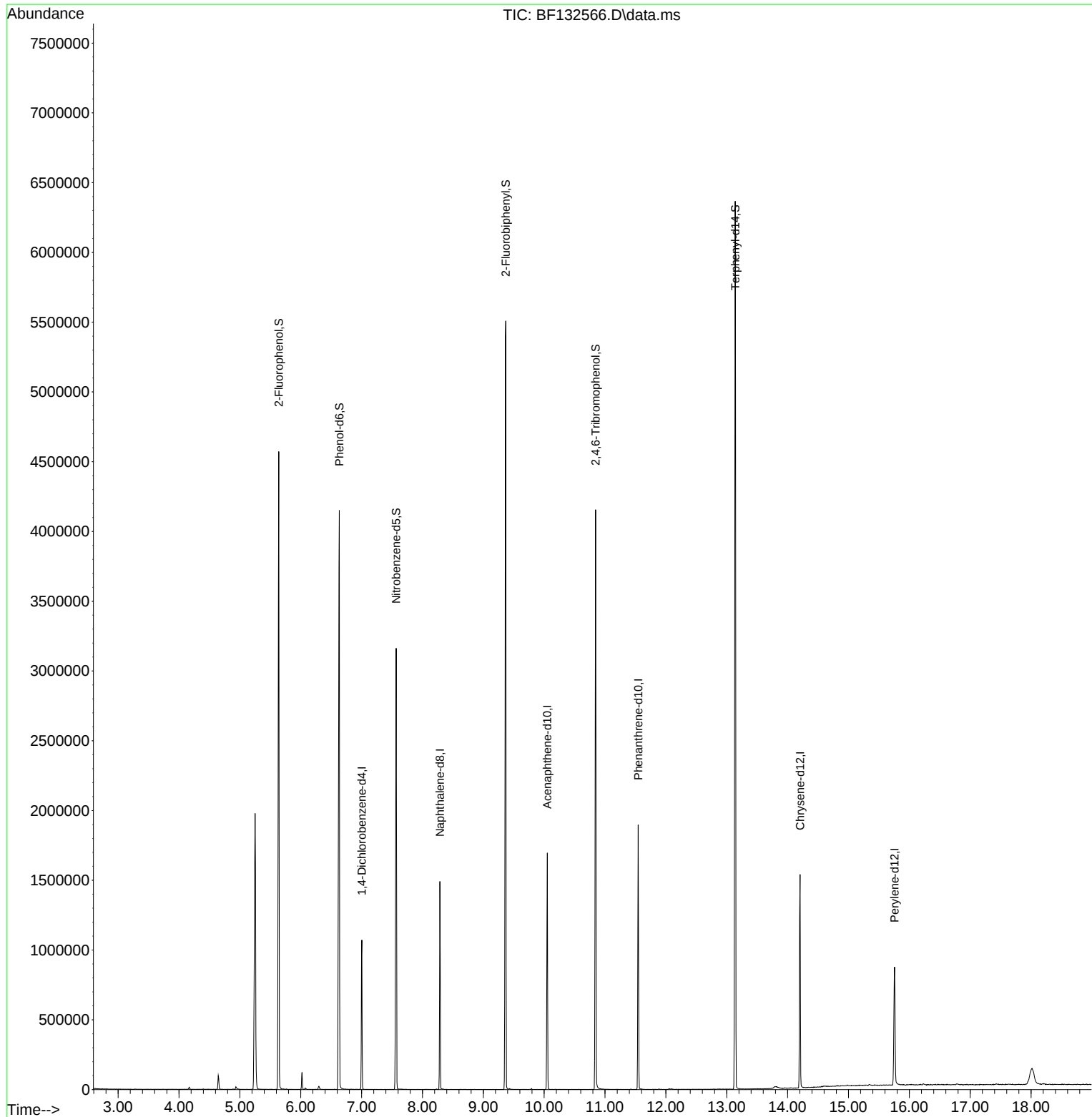
Target Compounds	Qvalue

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

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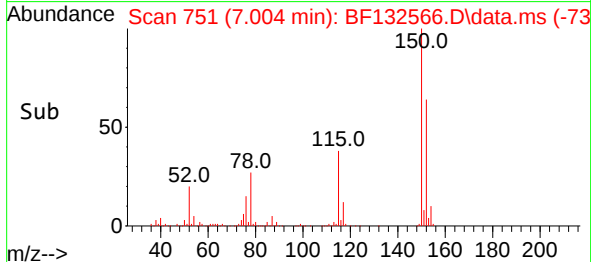
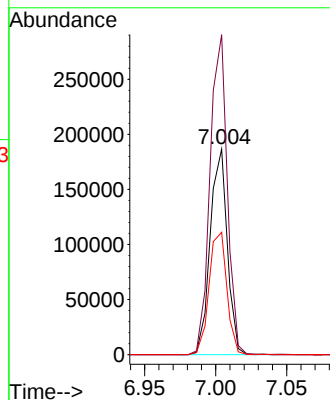
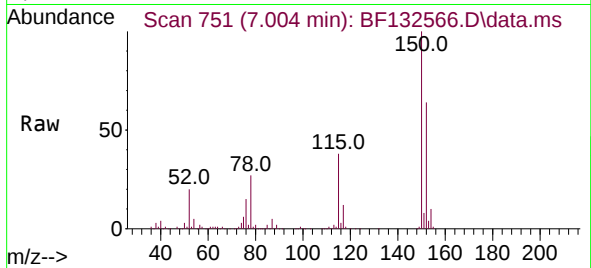




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132566.D
Acq: 28 Feb 2023 11:55

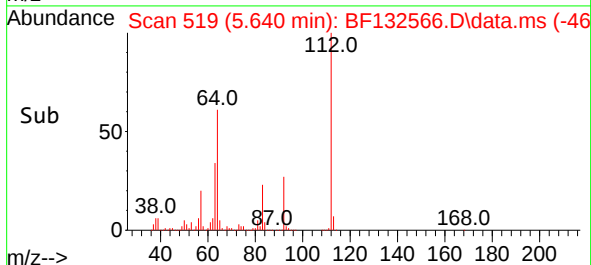
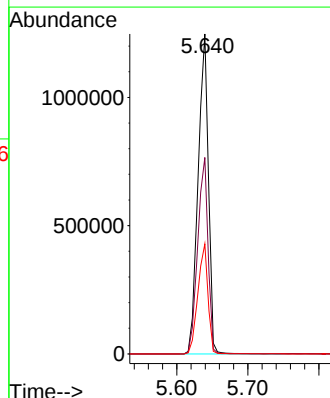
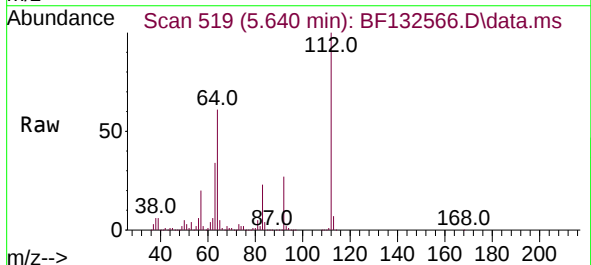
Instrument :
BNA_F
ClientSampleId :
PB151085BL

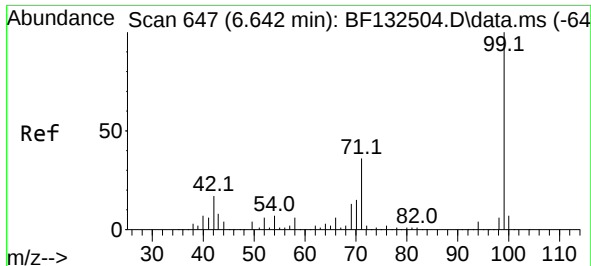
Tgt Ion:152 Resp: 156911
Ion Ratio Lower Upper
152 100
150 155.7 125.4 188.2
115 59.5 47.8 71.6



#5
2-Fluorophenol
Concen: 130.082 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132566.D
Acq: 28 Feb 2023 11:55

Tgt Ion:112 Resp: 1257648
Ion Ratio Lower Upper
112 100
64 61.4 51.6 77.4
63 34.4 27.4 41.2

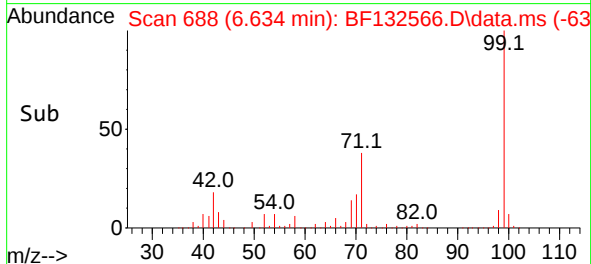
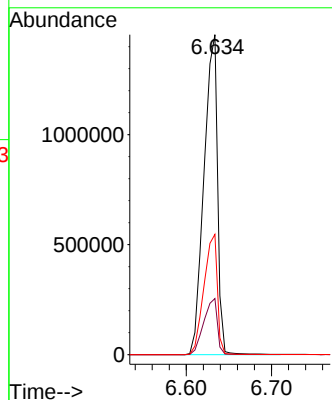
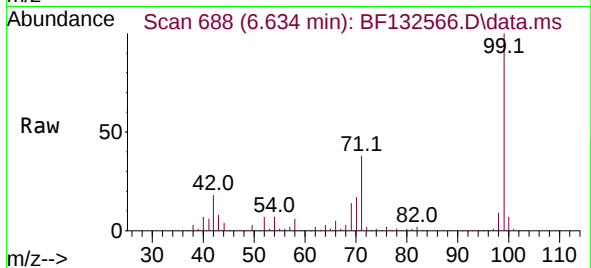




#7
Phenol-d6
Concen: 127.274 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.003 min
Lab File: BF132566.D
Acq: 28 Feb 2023 11:55

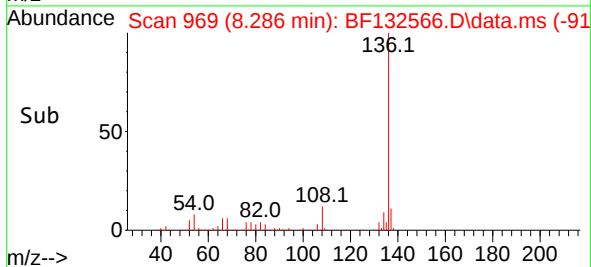
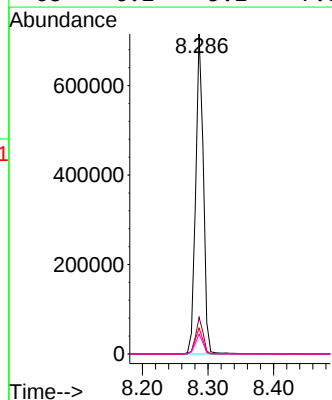
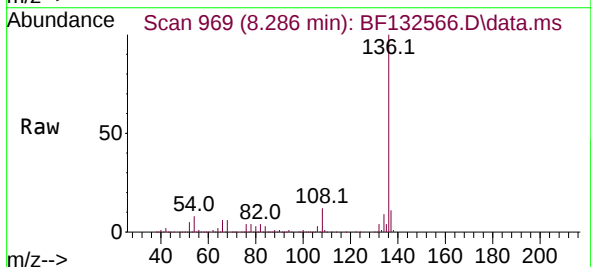
Instrument :
BNA_F
ClientSampleId :
PB151085BL

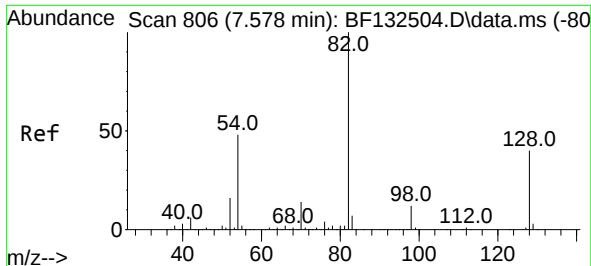
Tgt Ion: 99 Resp: 1605920
Ion Ratio Lower Upper
99 100
42 17.5 13.9 20.9
71 37.6 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132566.D
Acq: 28 Feb 2023 11:55

Tgt Ion:136 Resp: 581836
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.1 6.2 9.4
68 6.2 5.2 7.8

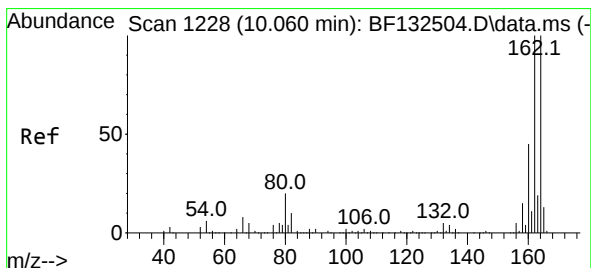
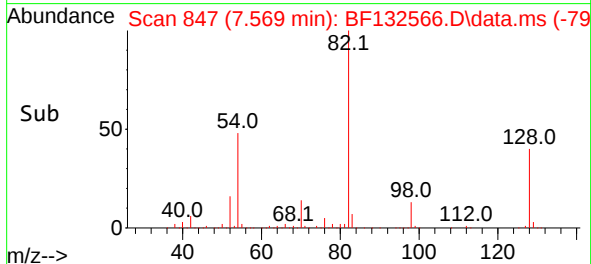
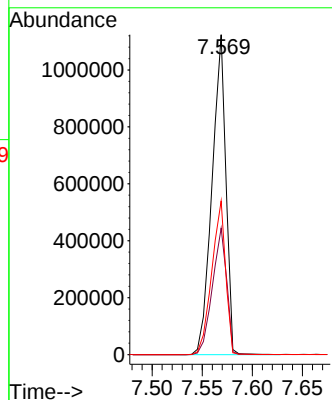
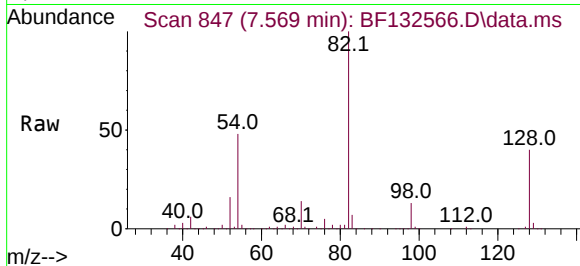




#23
Nitrobenzene-d5
Concen: 87.883 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.003 min
Lab File: BF132566.D
Acq: 28 Feb 2023 11:55

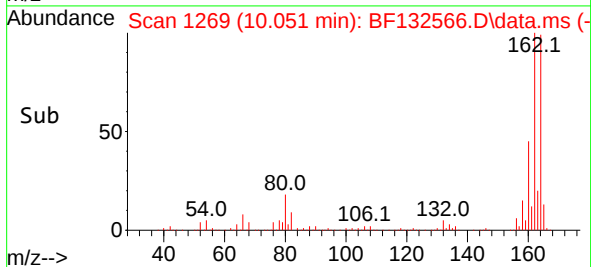
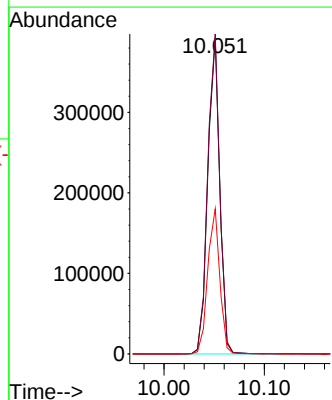
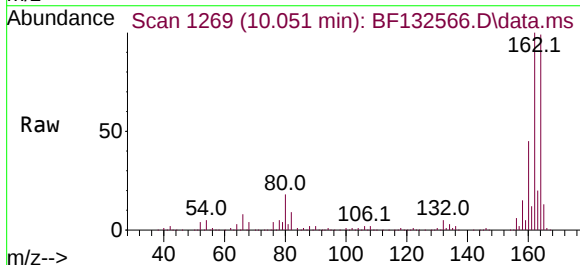
Instrument :
BNA_F
ClientSampleId :
PB151085BL

Tgt Ion: 82 Resp: 1077761
Ion Ratio Lower Upper
82 100
128 39.5 32.2 48.2
54 48.0 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1269
Delta R.T. -0.003 min
Lab File: BF132566.D
Acq: 28 Feb 2023 11:55

Tgt Ion:164 Resp: 322724
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.8
160 46.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 147.032 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132566.D

Acq: 28 Feb 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB151085BL

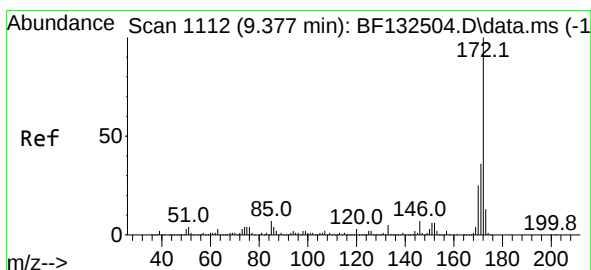
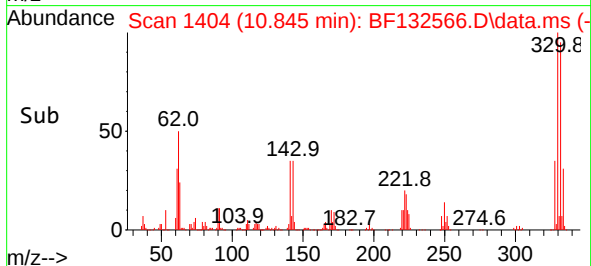
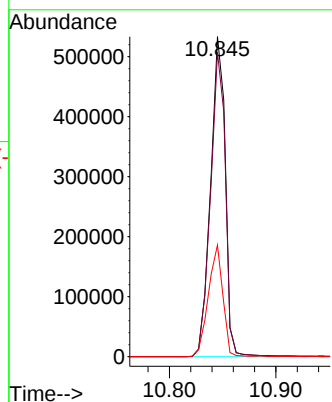
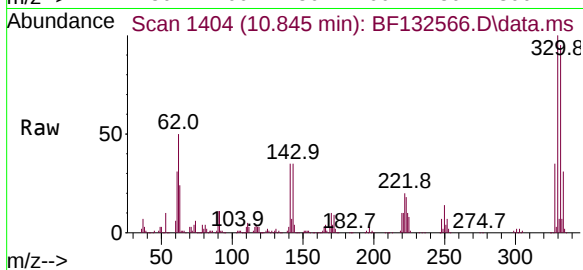
Tgt Ion:330 Resp: 512448

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 34.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 84.757 ng

RT: 9.369 min Scan# 1153

Delta R.T. -0.003 min

Lab File: BF132566.D

Acq: 28 Feb 2023 11:55

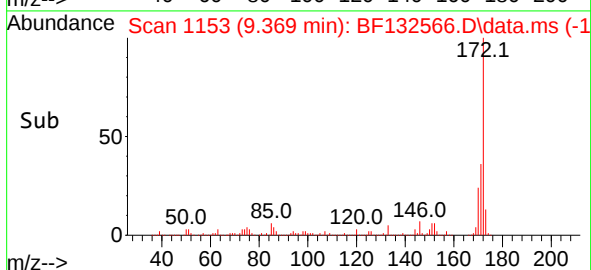
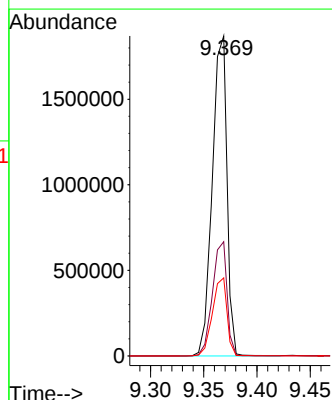
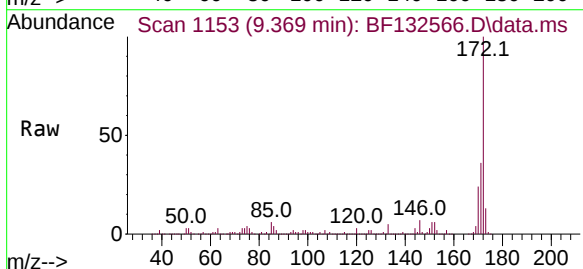
Tgt Ion:172 Resp: 1796392

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.4 19.7 29.5

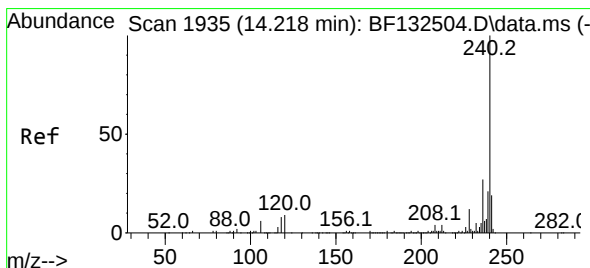
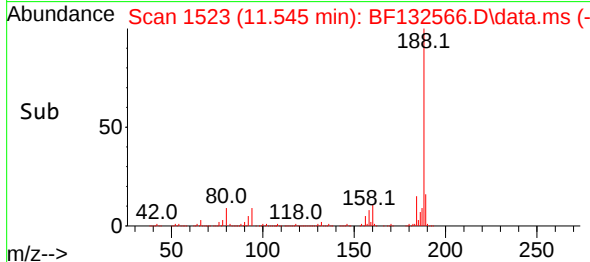
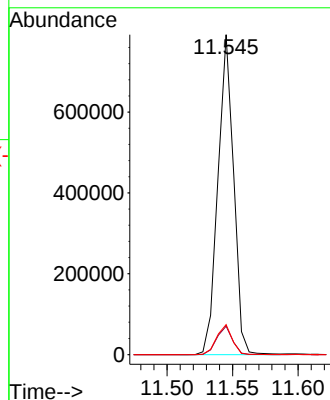
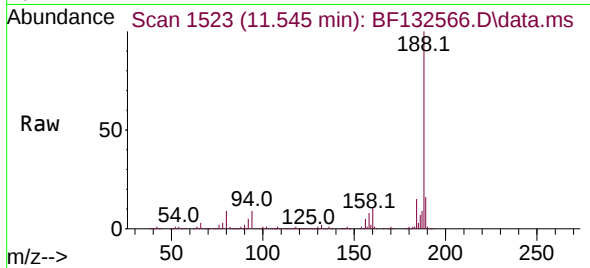




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132566.D
Acq: 28 Feb 2023 11:55

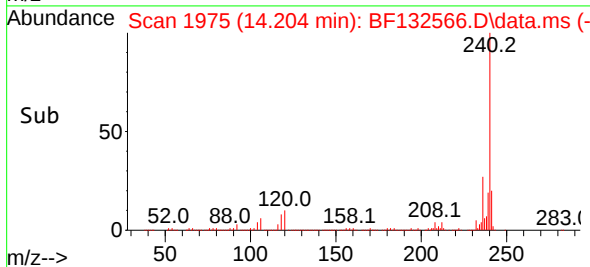
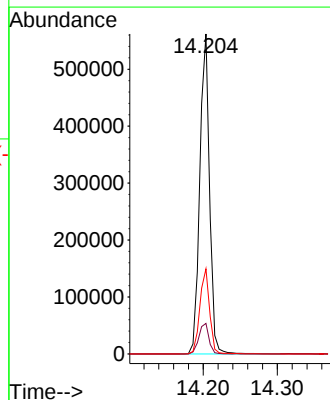
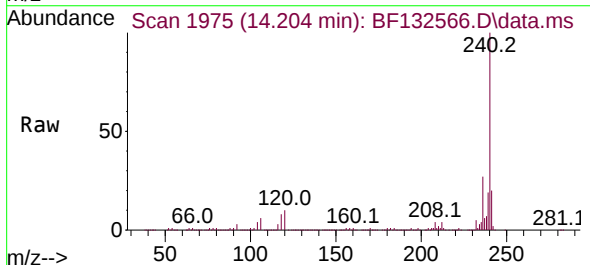
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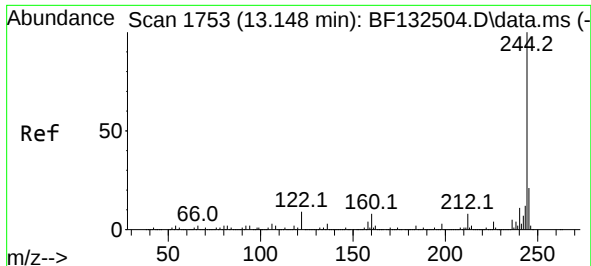
Tgt Ion:188 Resp: 660464
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132566.D
Acq: 28 Feb 2023 11:55

Tgt Ion:240 Resp: 514005
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 26.6 21.8 32.6

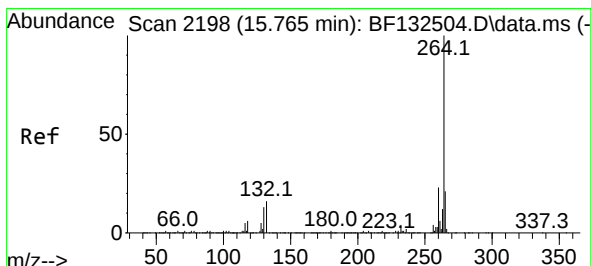
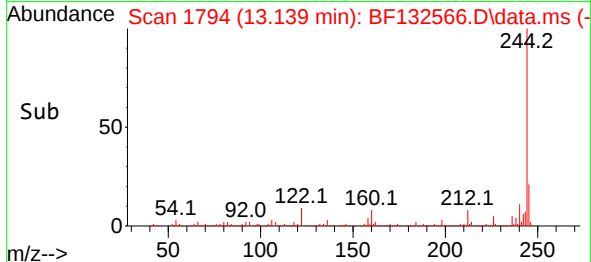
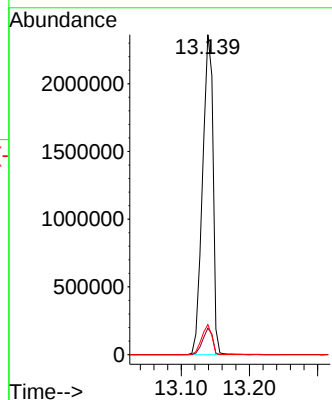
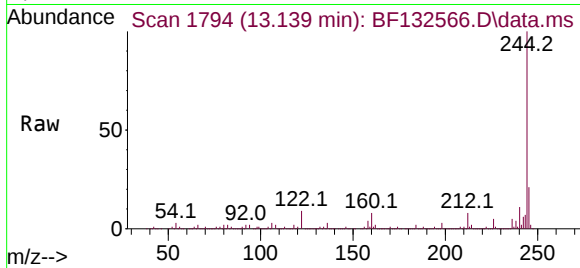




#79
 Terphenyl-d14
 Concen: 83.065 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132566.D
 Acq: 28 Feb 2023 11:55

Instrument :
 BNA_F
 ClientSampleId :
 PB151085BL

Tgt Ion:244 Resp: 2525278
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 9.4 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132566.D
 Acq: 28 Feb 2023 11:55

Tgt Ion:264 Resp: 437468
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.8 17.1 25.7

