

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135403.D
 Acq On : 22 Sep 2023 17:02
 Operator : CG\JU
 Sample : 04491-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-9-15

Quant Time: Sep 23 04:55:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	153825	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	588729	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	281893	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	493707	20.000	ng	0.00
76) Chrysene-d12	13.939	240	255915	20.000	ng	0.00
86) Perylene-d12	15.410	264	322357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	880397	93.088	ng	0.01
7) Phenol-d6	6.399	99	902996	75.087	ng	0.00
23) Nitrobenzene-d5	7.322	82	1202672	110.986	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	375451	134.026	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1909764	102.213	ng	-0.01
79) Terphenyl-d14	12.886	244	1573780	95.331	ng	0.00

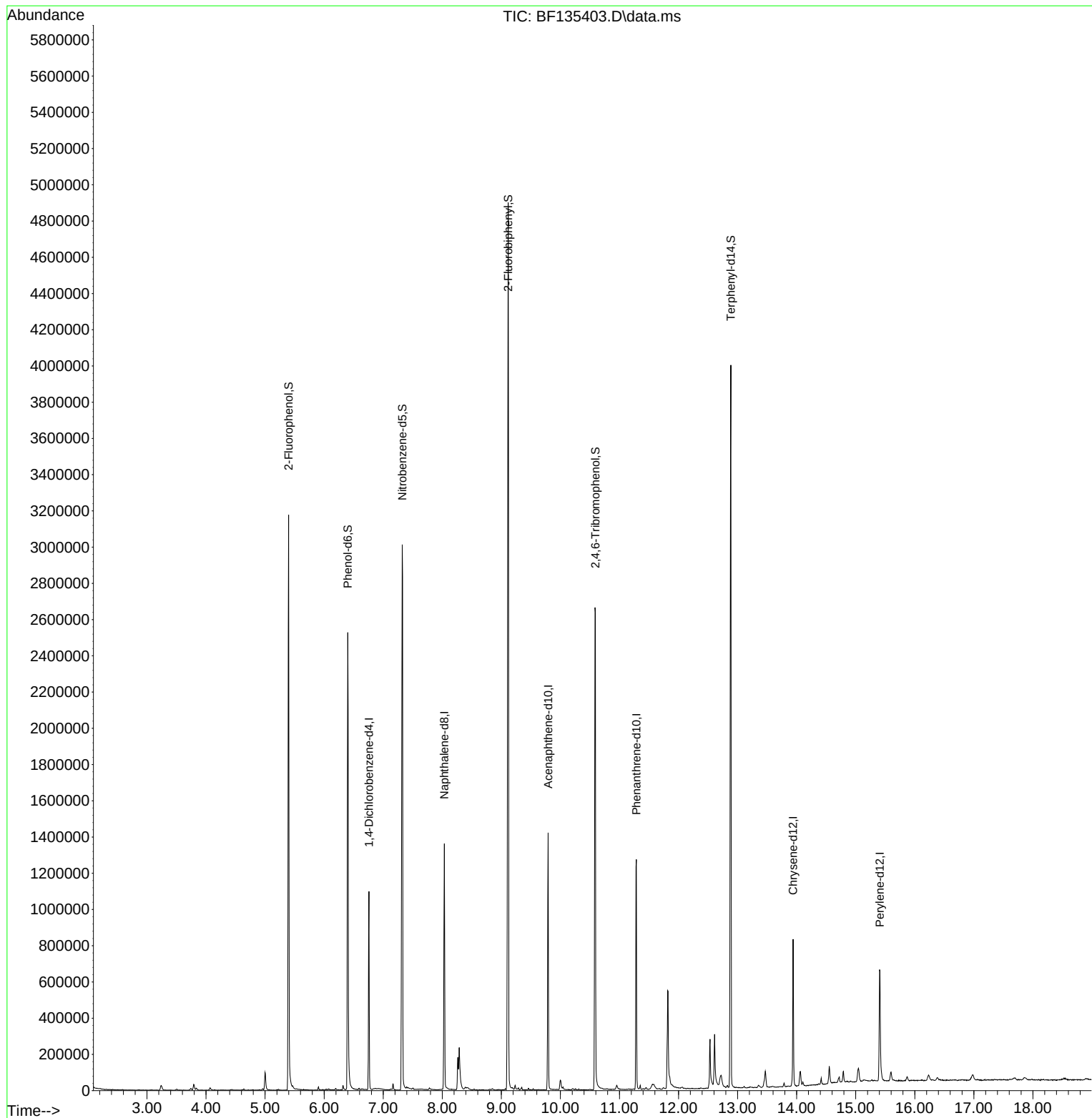
Target Compounds	Qvalue

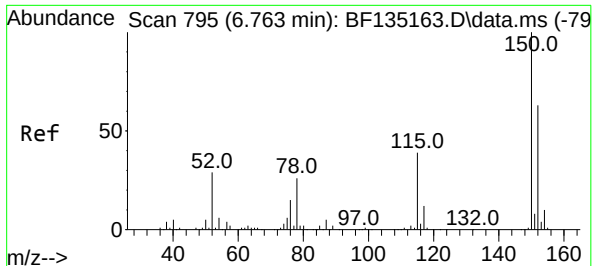
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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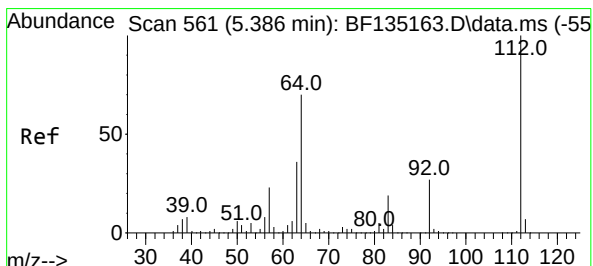
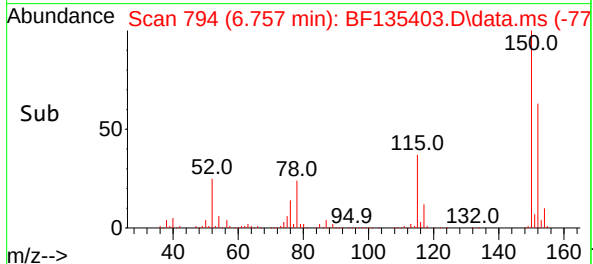
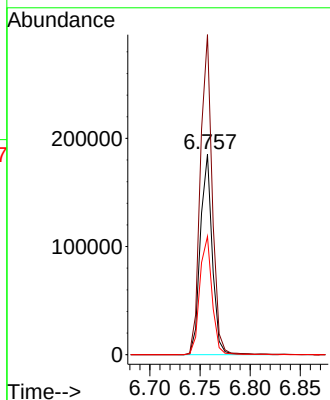
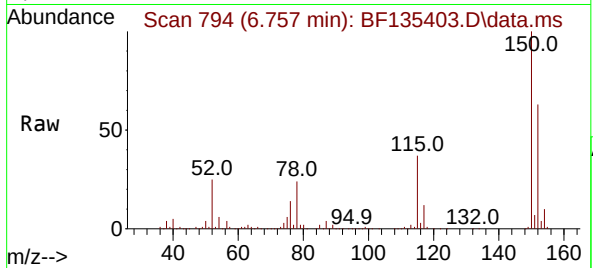




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

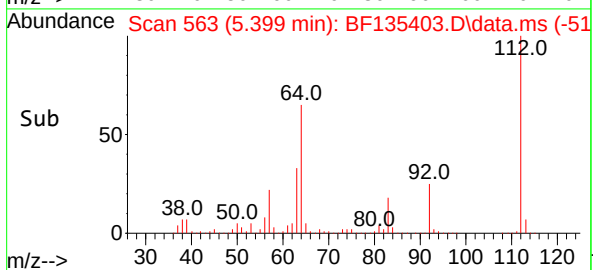
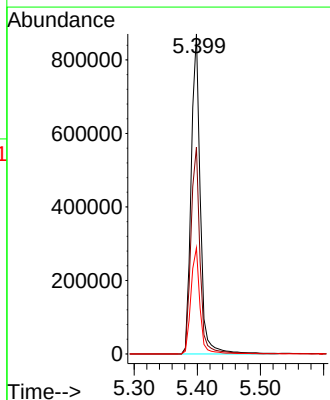
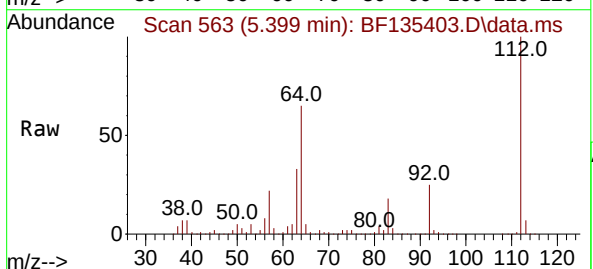
Instrument :
BNA_F
ClientSampleId :
FB-9-15

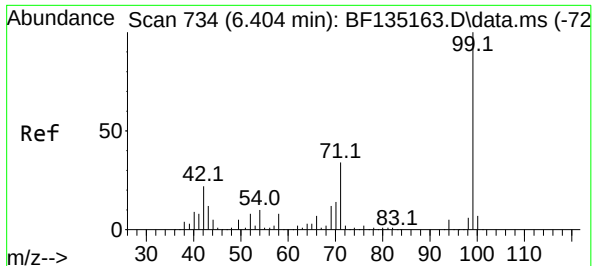
Tgt Ion:152 Resp: 153825
Ion Ratio Lower Upper
152 100
150 159.7 127.8 191.6
115 59.0 49.8 74.8



#5
2-Fluorophenol
Concen: 93.088 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

Tgt Ion:112 Resp: 880397
Ion Ratio Lower Upper
112 100
64 64.6 55.9 83.9
63 33.2 29.0 43.6

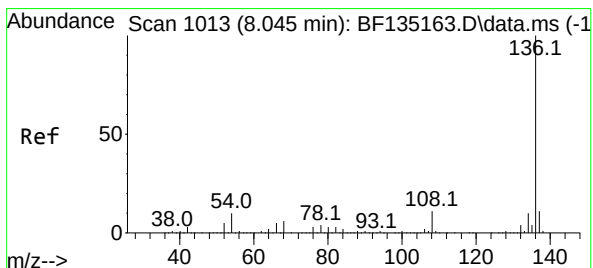
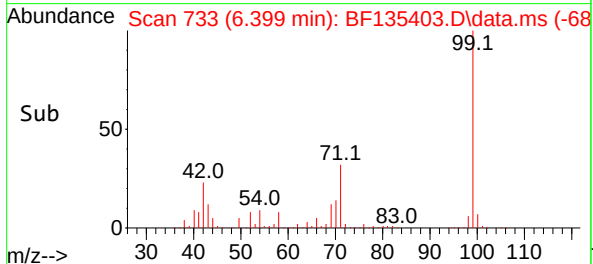
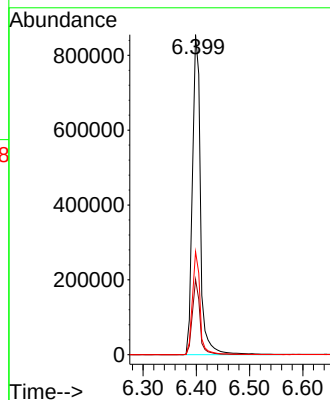
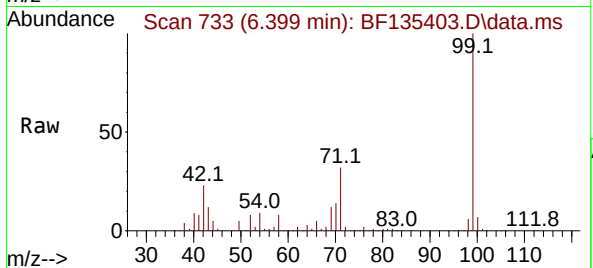




#7
Phenol-d6
Concen: 75.087 ng
RT: 6.399 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

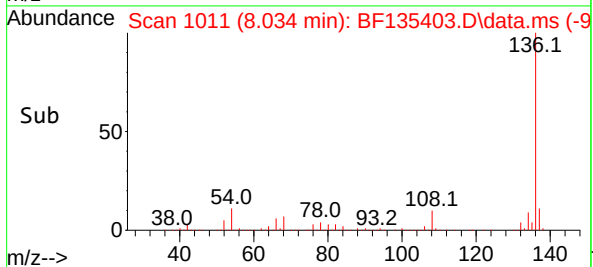
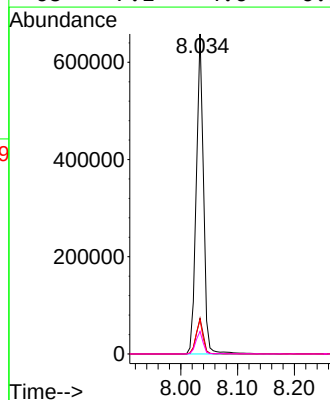
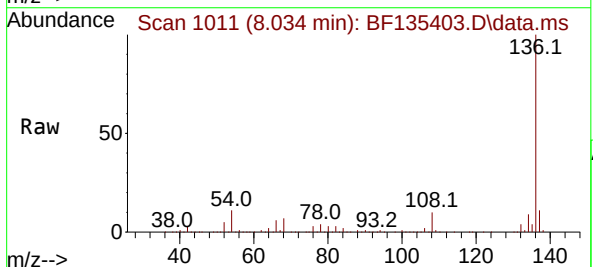
Instrument :
BNA_F
ClientSampleId :
FB-9-15

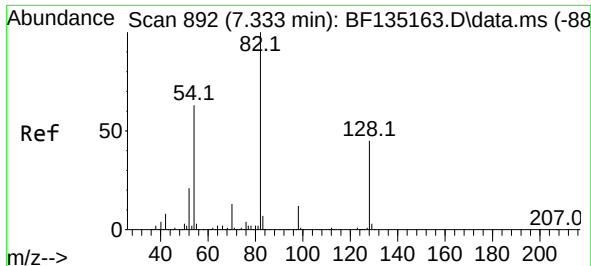
Tgt Ion: 99 Resp: 902996
Ion Ratio Lower Upper
99 100
42 23.5 17.9 26.9
71 32.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

Tgt Ion: 136 Resp: 588729
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.6 7.7 11.5
68 7.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 110.986 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF135403.D

Acq: 22 Sep 2023 17:02

Instrument :

BNA_F

ClientSampleId :

FB-9-15

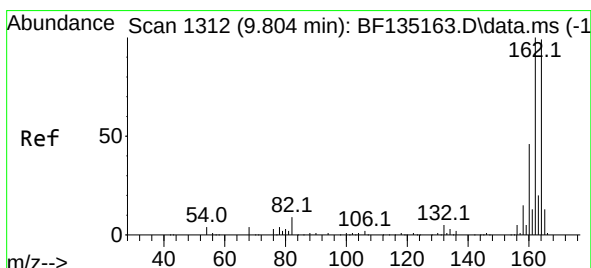
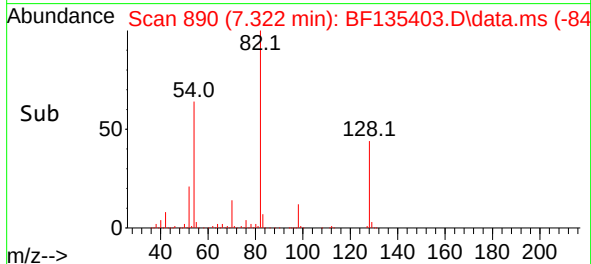
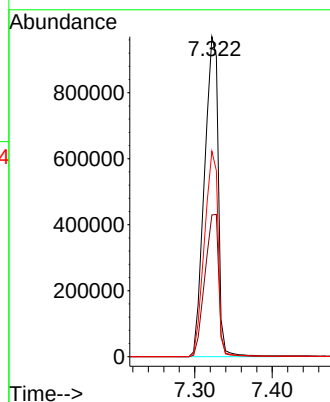
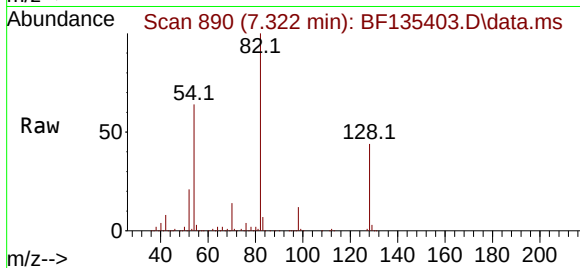
Tgt Ion: 82 Resp: 1202672

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

54 64.2 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.011 min

Lab File: BF135403.D

Acq: 22 Sep 2023 17:02

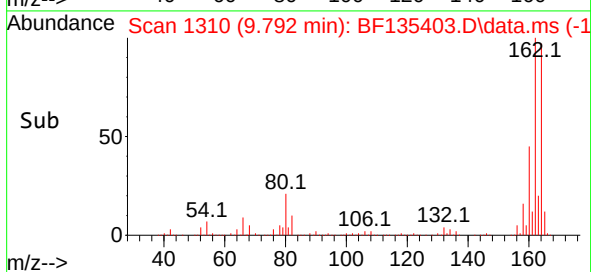
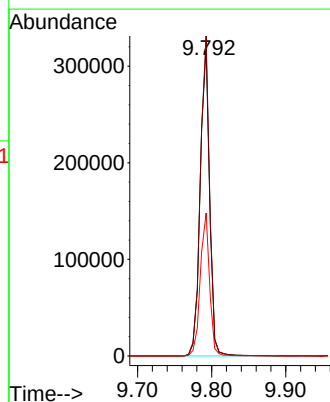
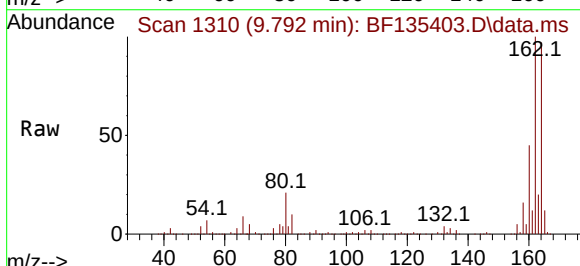
Tgt Ion: 164 Resp: 281893

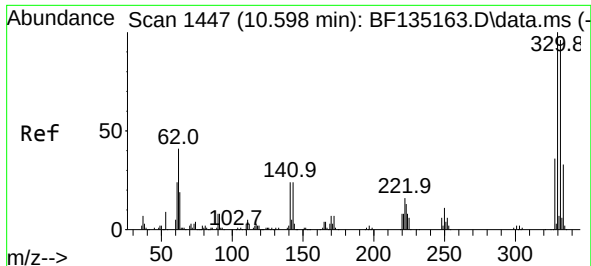
Ion Ratio Lower Upper

164 100

162 103.6 81.0 121.4

160 46.2 37.0 55.4

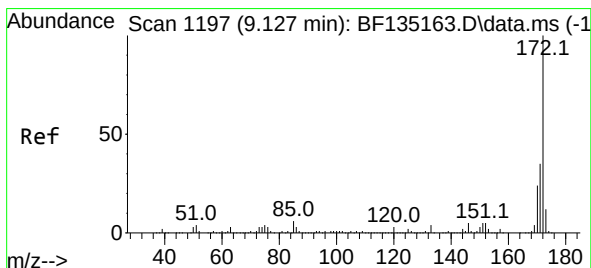
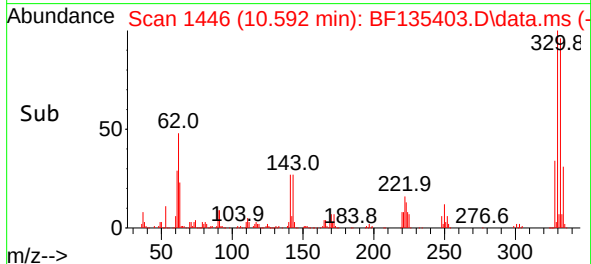
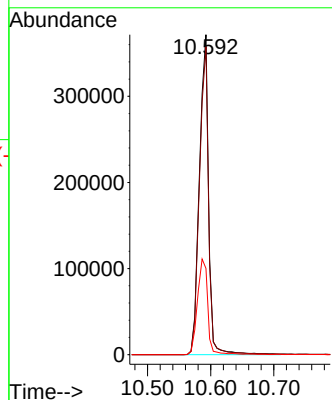
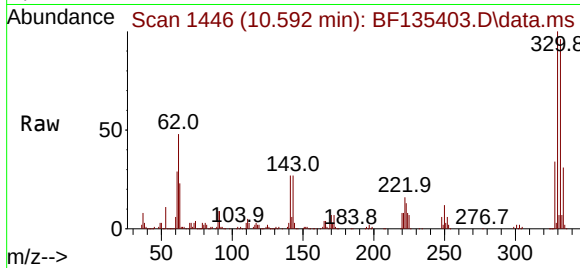




#42
2,4,6-Tribromophenol
Concen: 134.026 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

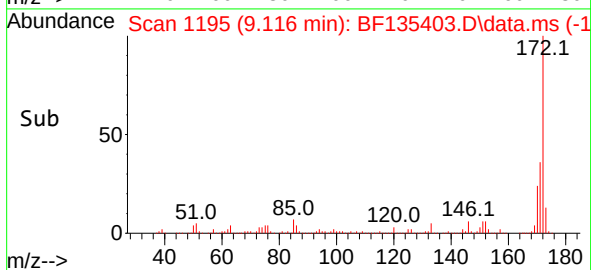
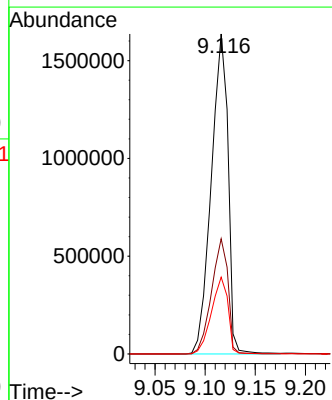
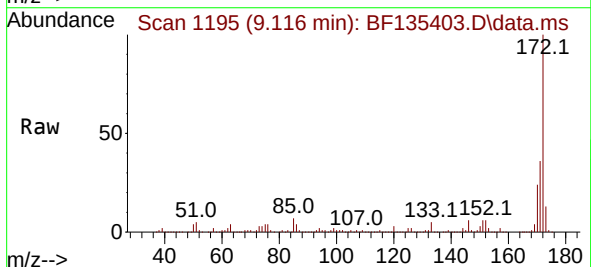
Instrument :
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ClientSampleId :
FB-9-15

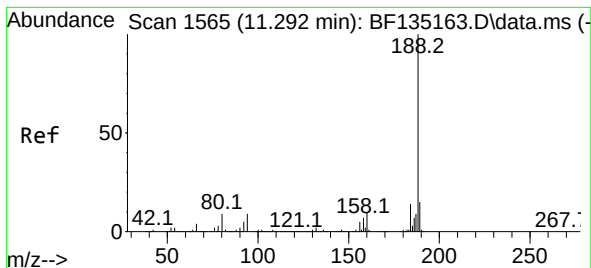
Tgt Ion:330 Resp: 375451
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 33.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 102.213 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.011 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

Tgt Ion:172 Resp: 1909764
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135403.D

Acq: 22 Sep 2023 17:02

Instrument :

BNA_F

ClientSampleId :

FB-9-15

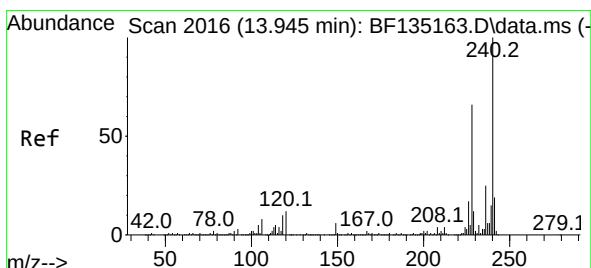
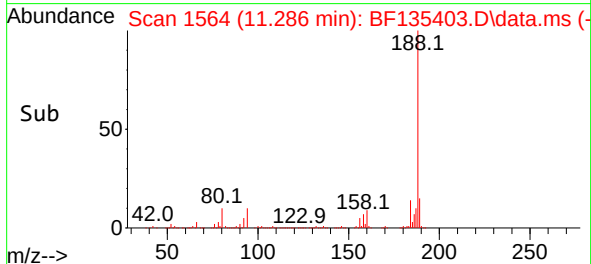
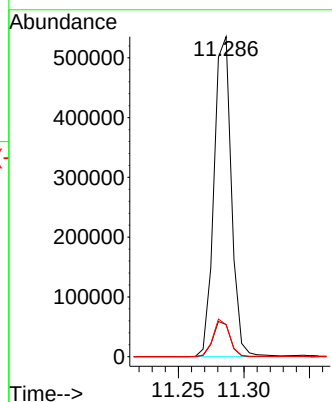
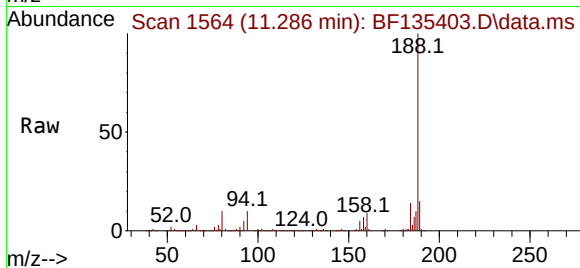
Tgt Ion:188 Resp: 493707

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

80 10.0 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135403.D

Acq: 22 Sep 2023 17:02

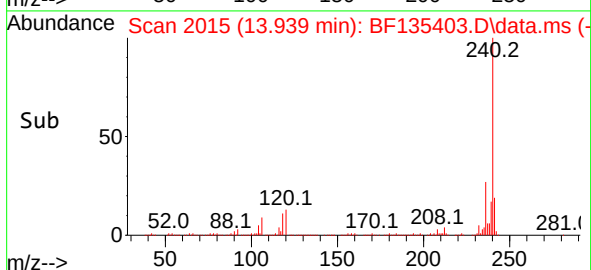
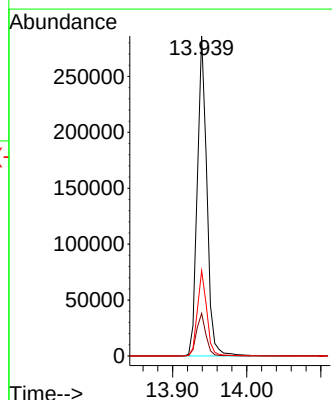
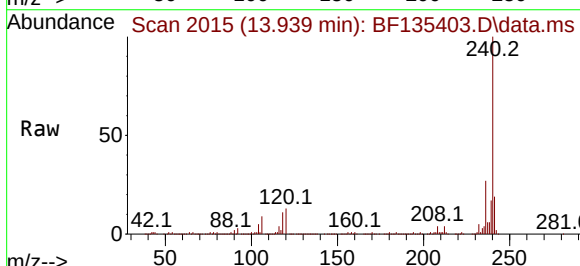
Tgt Ion:240 Resp: 255915

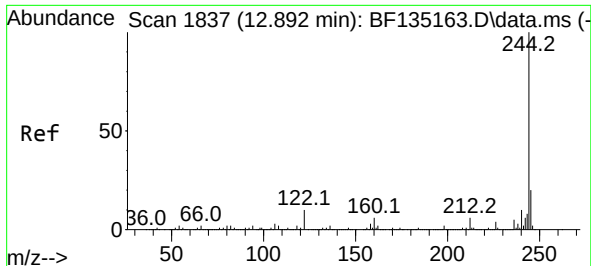
Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.2

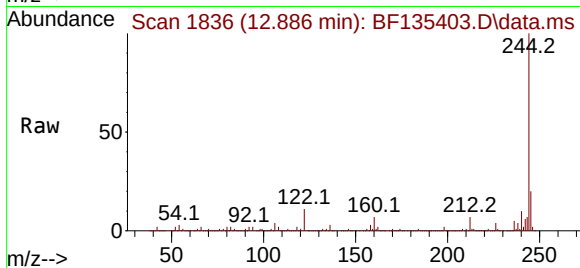
236 26.6 19.8 29.8



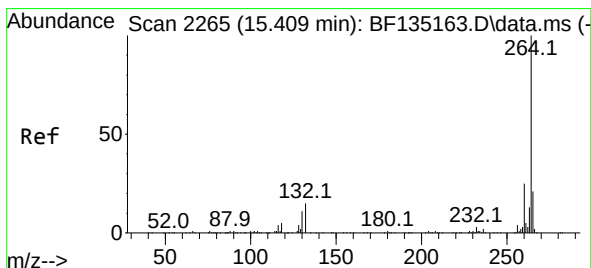
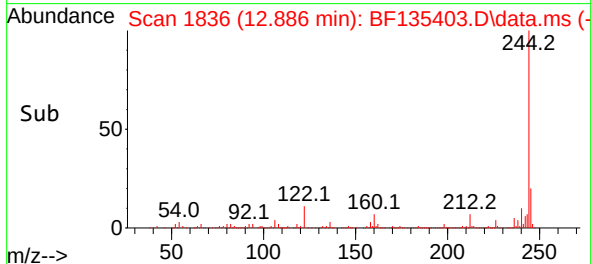
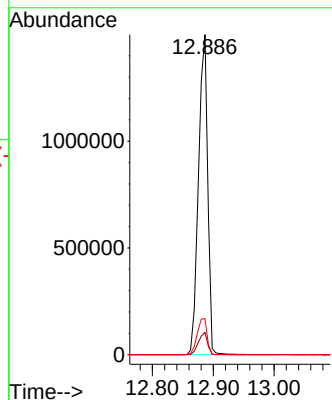


#79
 Terphenyl-d14
 Concen: 95.331 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135403.D
 Acq: 22 Sep 2023 17:02

Instrument :
 BNA_F
 ClientSampleId :
 FB-9-15



Tgt Ion:244 Resp: 1573780
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.3 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135403.D
 Acq: 22 Sep 2023 17:02

Tgt Ion:264 Resp: 322357
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 20.3 17.0 25.4

