

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135613.D
 Acq On : 05 Oct 2023 22:22
 Operator : CG\JU
 Sample : 04714-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Oct 06 03:48:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	135636	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	506956	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	207877	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	321566	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	268884	20.000	ng	0.00
86) Perylene-d12	15.392	264	283251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	747074	89.584	ng	0.00
7) Phenol-d6	6.386	99	892886	84.202	ng	0.00
23) Nitrobenzene-d5	7.304	82	544754	58.380	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	140738	68.128	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	823935	59.799	ng	0.00
79) Terphenyl-d14	12.857	244	606509	34.967	ng	0.00

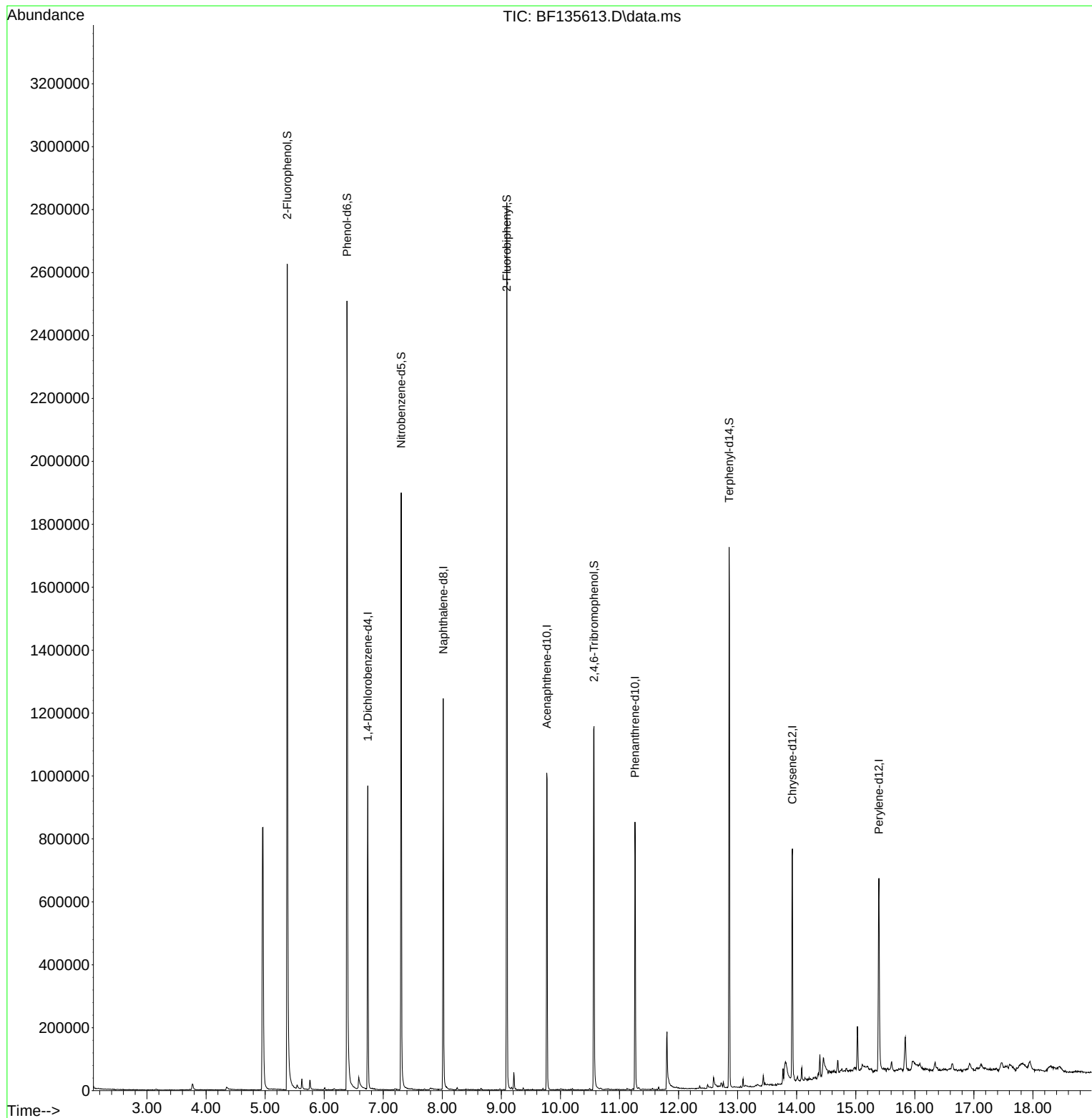
Target Compounds	Qvalue

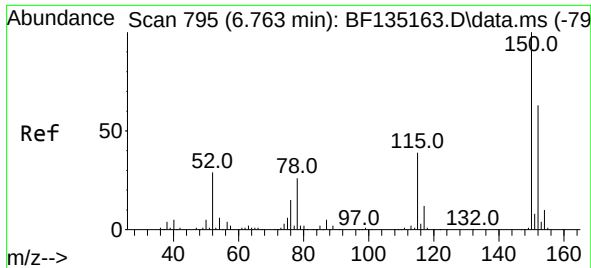
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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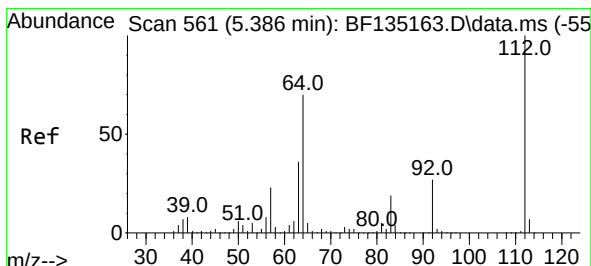
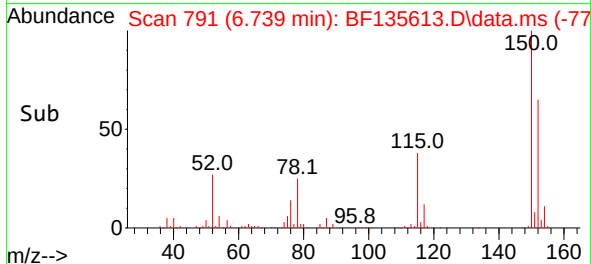
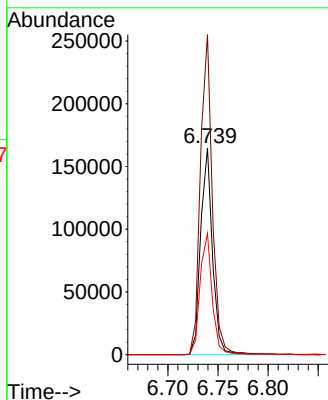
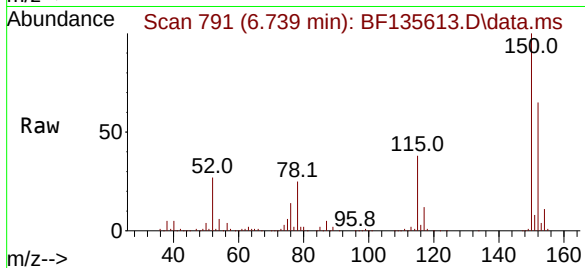




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

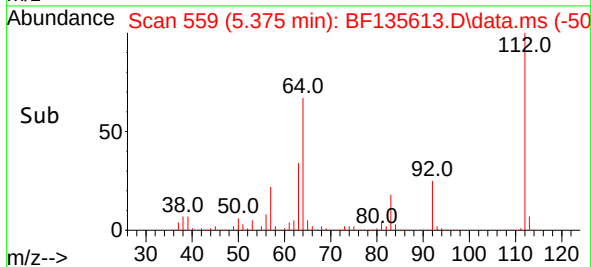
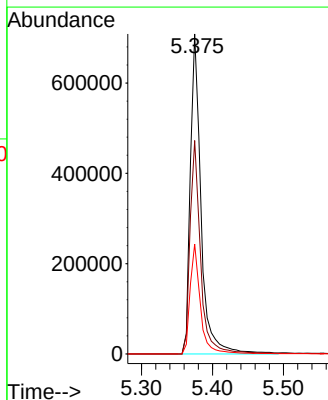
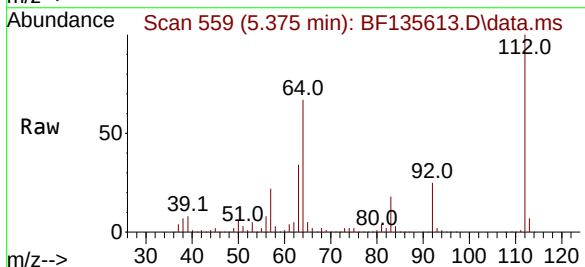
Instrument :
BNA_F
ClientSampleId :
TP-4

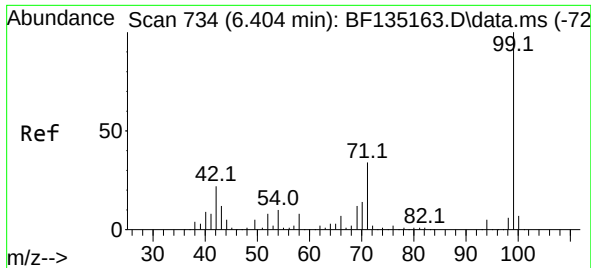
Tgt Ion:152 Resp: 135636
Ion Ratio Lower Upper
152 100
150 154.8 127.8 191.6
115 58.6 49.8 74.8



#5
2-Fluorophenol
Concen: 89.584 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

Tgt Ion:112 Resp: 747074
Ion Ratio Lower Upper
112 100
64 66.7 55.9 83.9
63 34.4 29.0 43.6

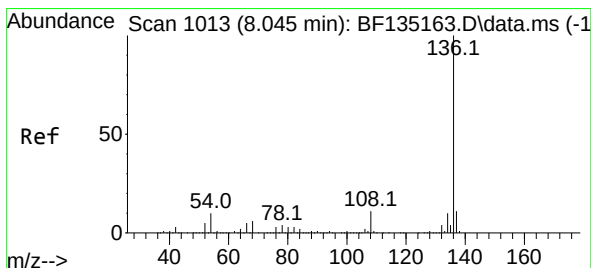
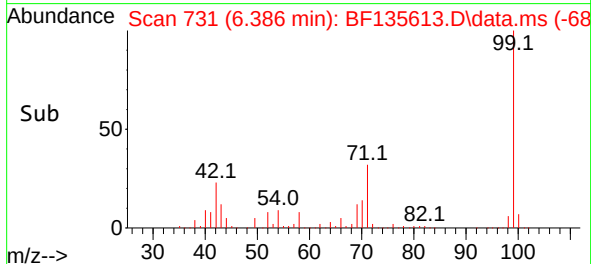
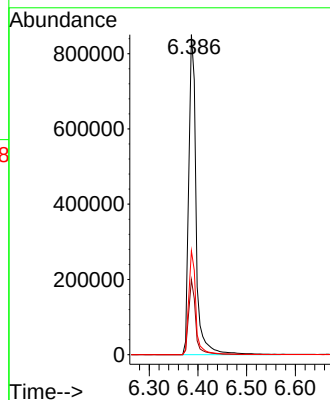
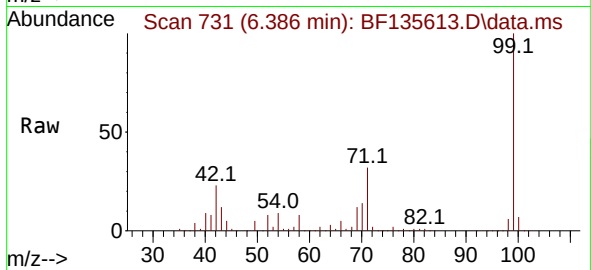




#7
Phenol-d6
Concen: 84.202 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

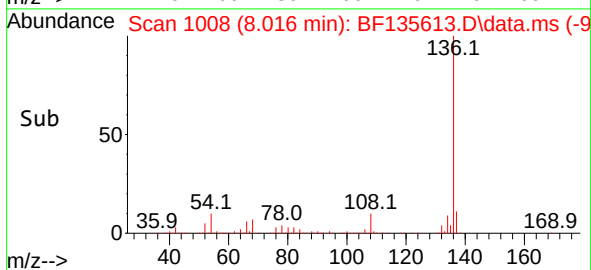
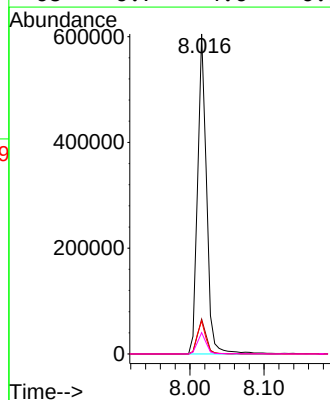
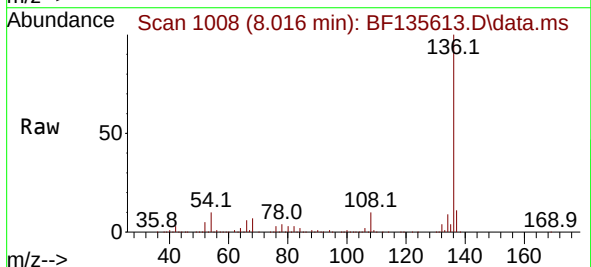
Instrument :
BNA_F
ClientSampleId :
TP-4

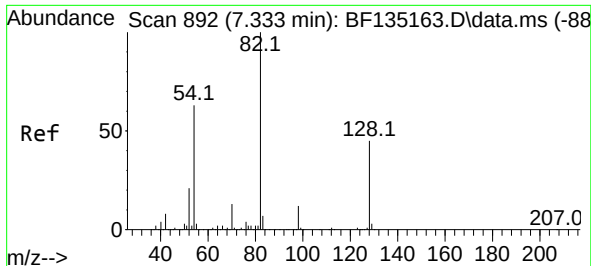
Tgt Ion: 99 Resp: 892886
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 32.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

Tgt Ion: 136 Resp: 506956
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.3 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 58.380 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135613.D

Acq: 05 Oct 2023 22:22

Instrument :

BNA_F

ClientSampleId :

TP-4

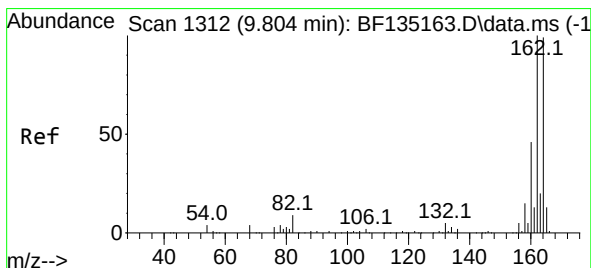
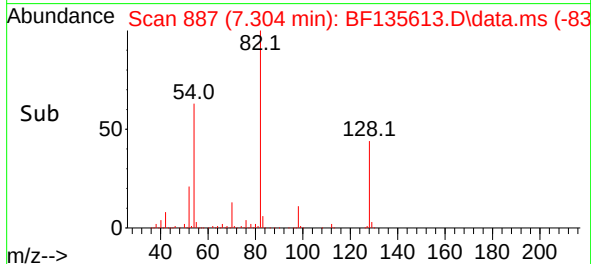
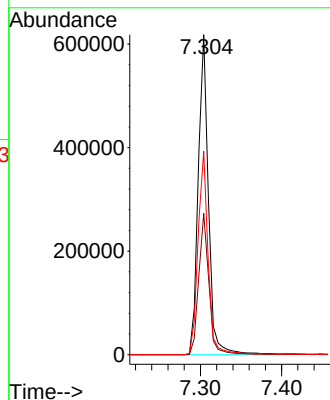
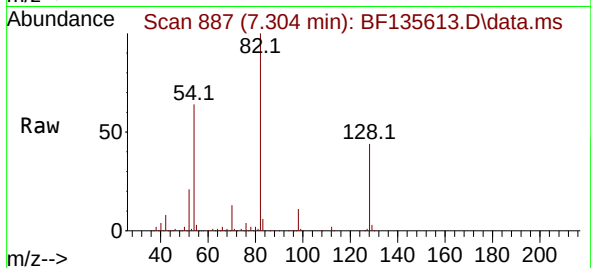
Tgt Ion: 82 Resp: 544754

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.6

54 63.5 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF135613.D

Acq: 05 Oct 2023 22:22

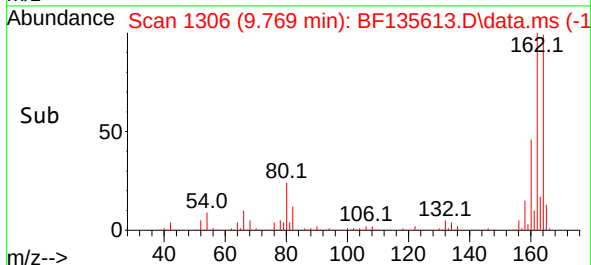
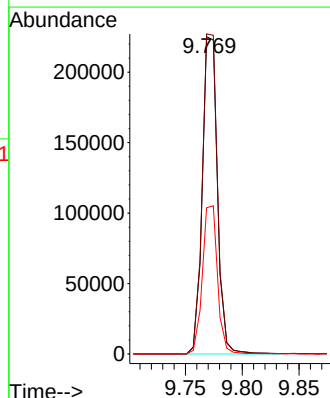
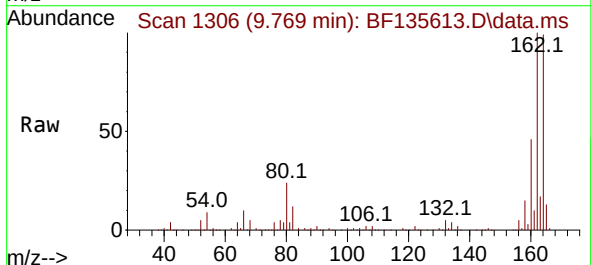
Tgt Ion:164 Resp: 207877

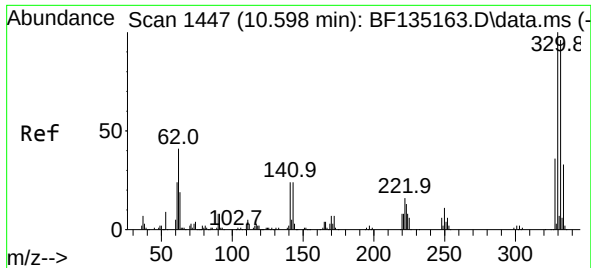
Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.4

160 46.1 37.0 55.4

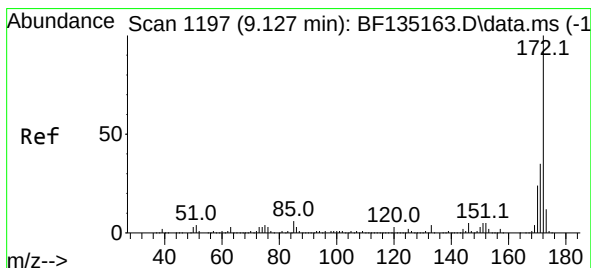
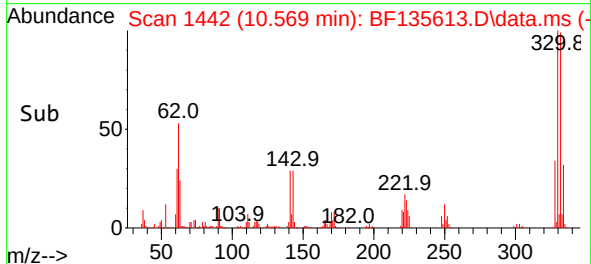
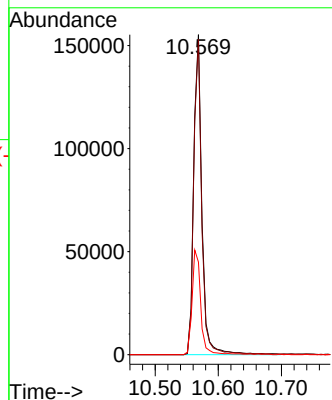
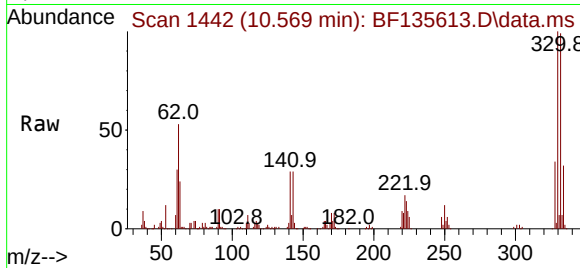




#42
2,4,6-Tribromophenol
Concen: 68.128 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

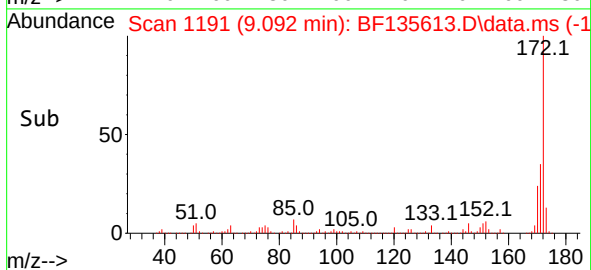
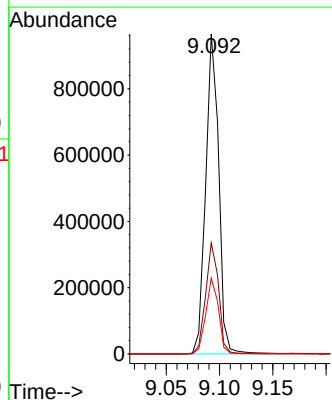
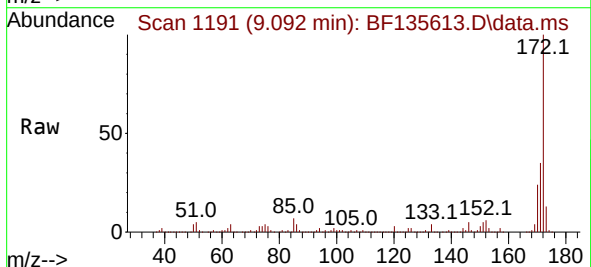
Instrument :
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ClientSampleId :
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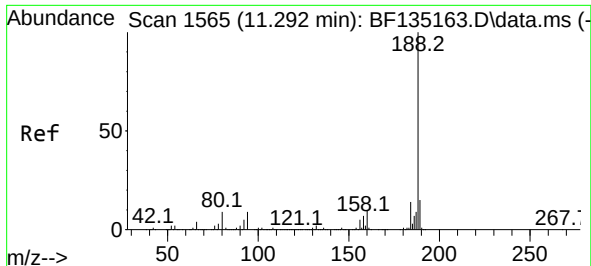
Tgt Ion: 330 Resp: 140738
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 34.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 59.799 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

Tgt Ion: 172 Resp: 823935
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.7 19.0 28.4

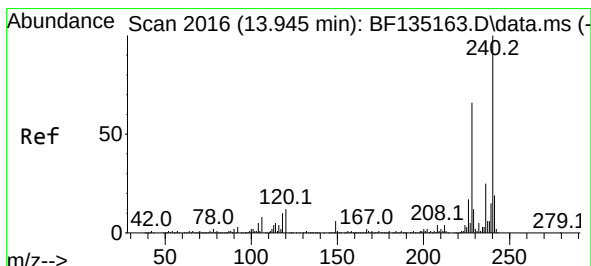
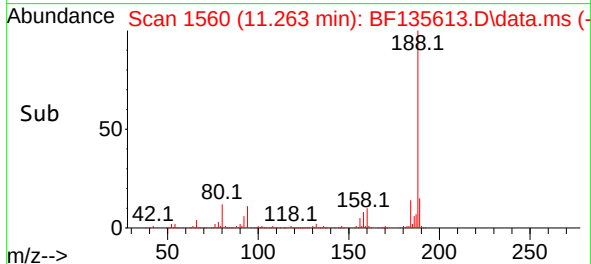
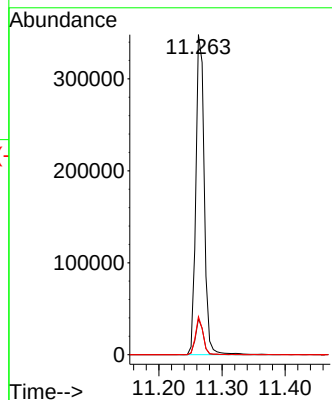
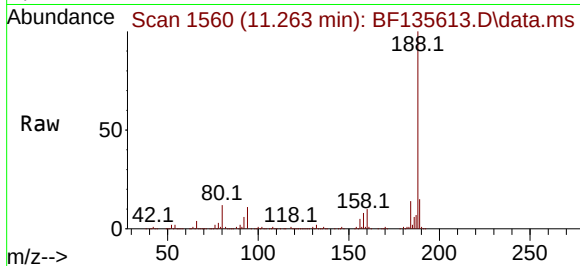




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

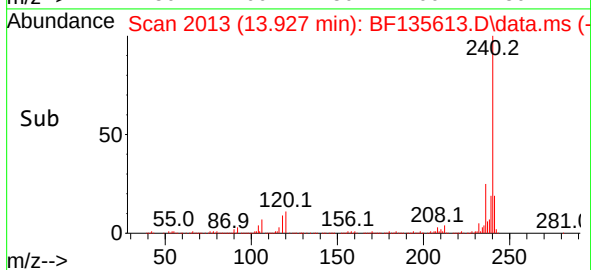
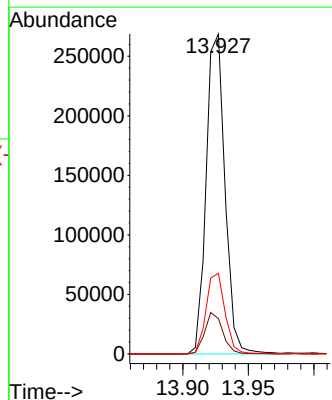
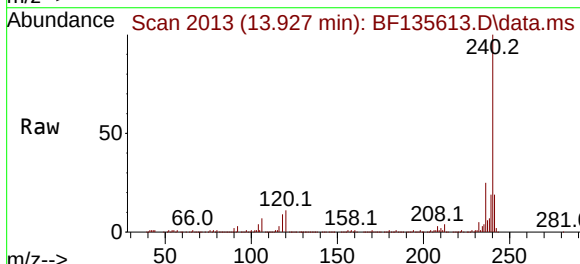
Instrument :
BNA_F
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TP-4

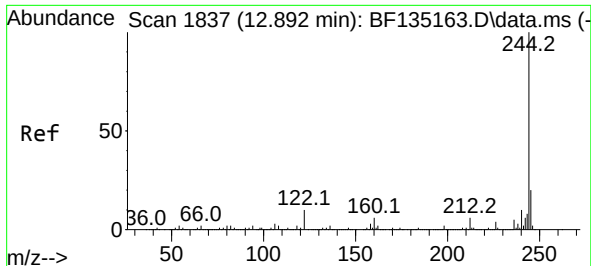
Tgt Ion:188 Resp: 321566
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 11.9 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

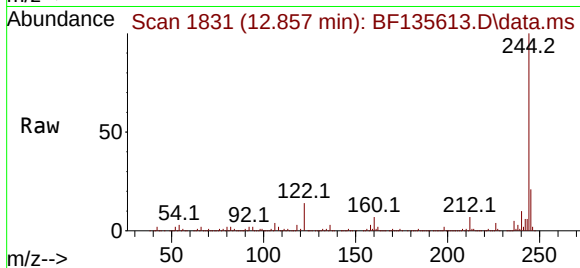
Tgt Ion:240 Resp: 268884
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 25.2 19.8 29.8



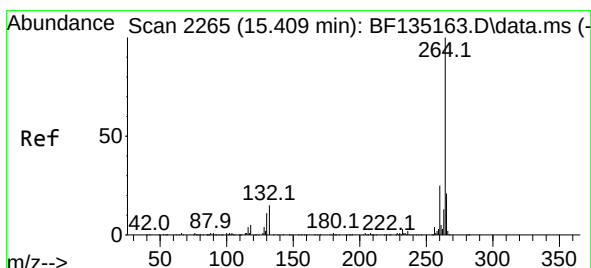
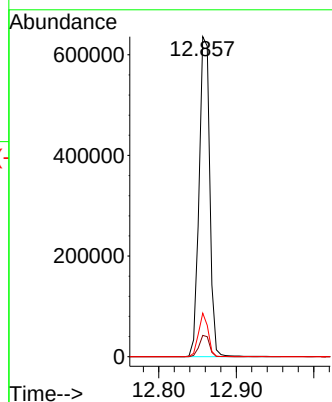
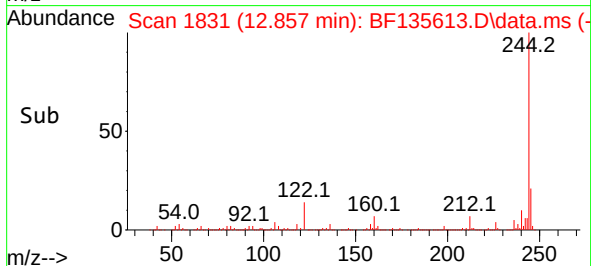


#79
 Terphenyl-d14
 Concen: 34.967 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF135613.D
 Acq: 05 Oct 2023 22:22

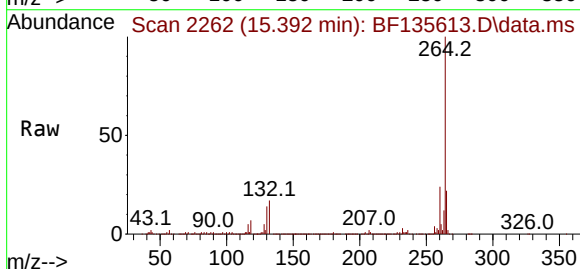
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 606509
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 13.6 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF135613.D
 Acq: 05 Oct 2023 22:22



Tgt Ion:264 Resp: 283251
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.5 17.0 25.4

