

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135371.D
 Acq On : 21 Sep 2023 10:21
 Operator : CG\JU
 Sample : PB155710BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155710BL

Quant Time: Sep 21 11:49:13 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	140798	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	558518	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	270650	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	503619	20.000	ng	0.00
76) Chrysene-d12	13.945	240	292126	20.000	ng	0.00
86) Perylene-d12	15.409	264	275877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1173381	135.545	ng	0.02
7) Phenol-d6	6.410	99	1496349	135.938	ng	0.00
23) Nitrobenzene-d5	7.322	82	977863	95.121	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	334713	124.447	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1591229	88.702	ng	-0.01
79) Terphenyl-d14	12.886	244	1520865	80.706	ng	0.00

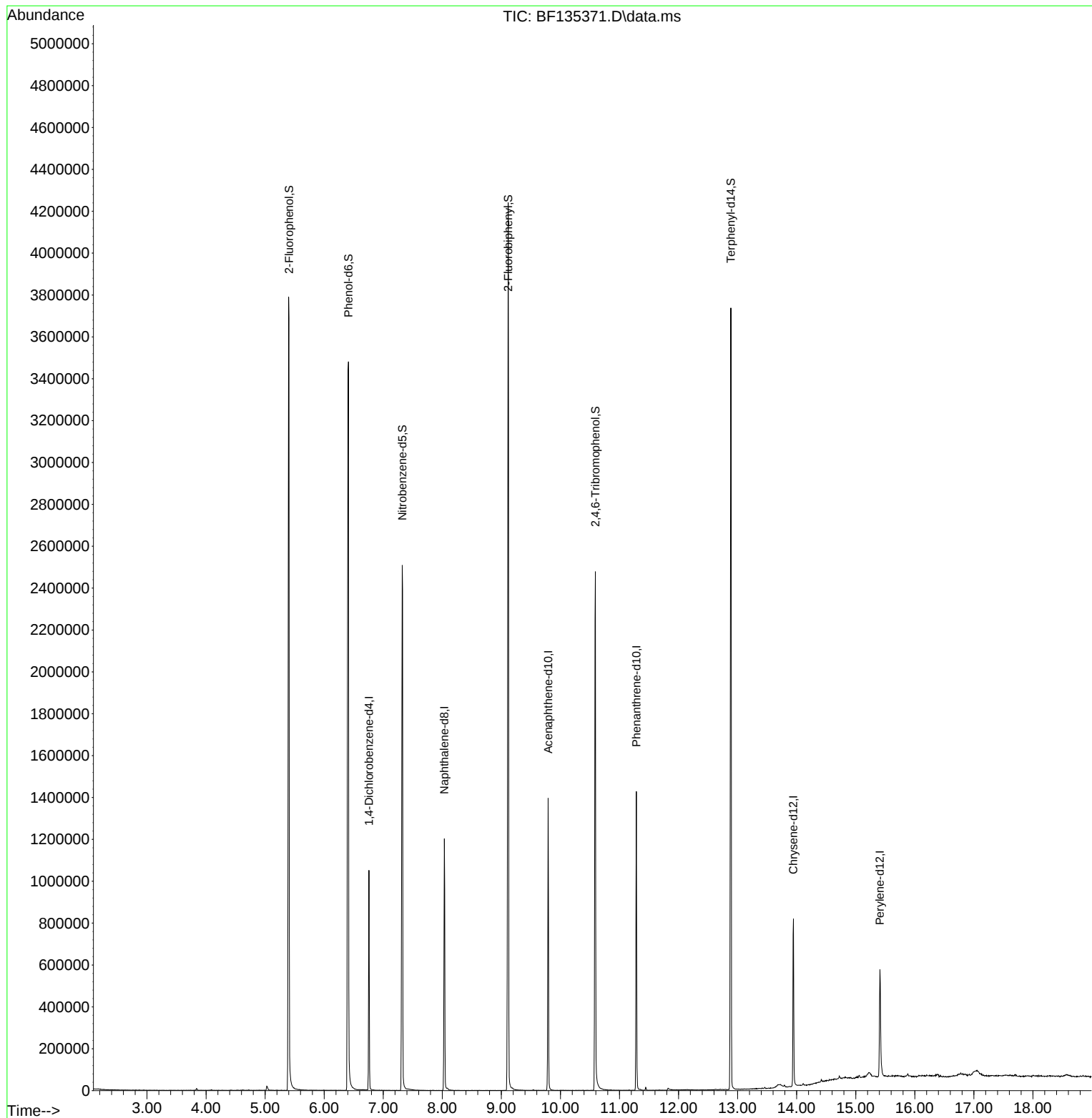
Target Compounds	Qvalue

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

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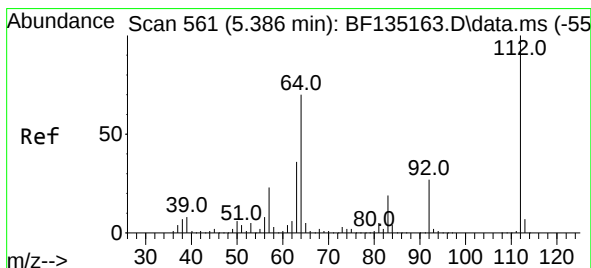
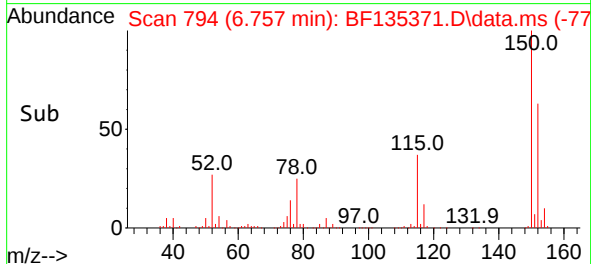
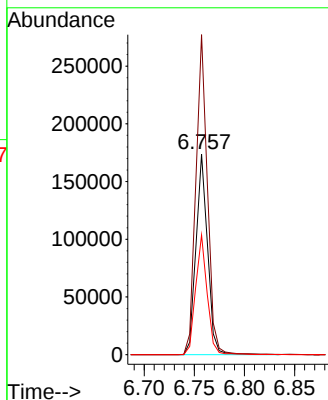
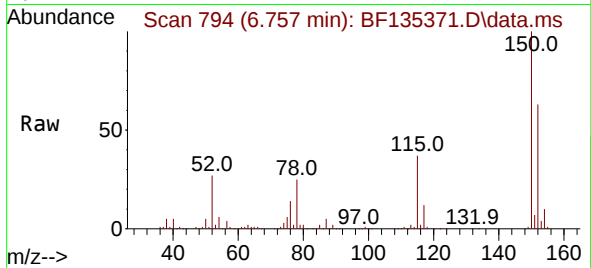




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

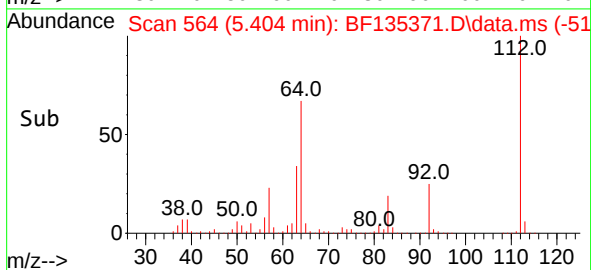
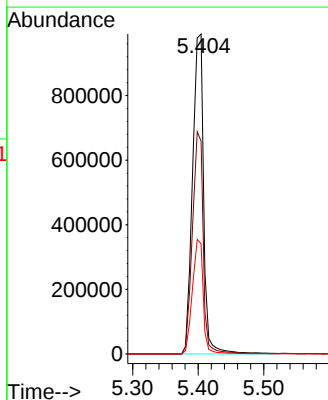
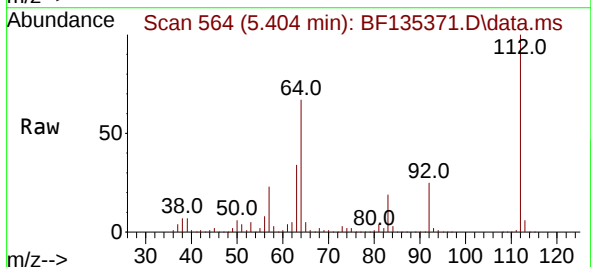
Instrument :
BNA_F
ClientSampleId :
PB155710BL

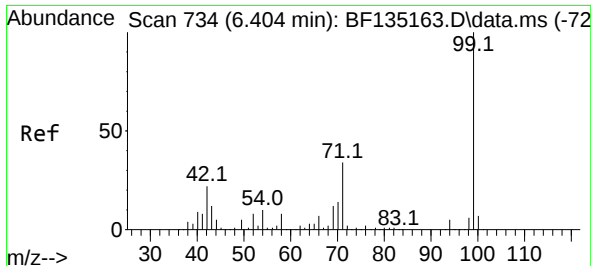
Tgt Ion:152 Resp: 140798
Ion Ratio Lower Upper
152 100
150 159.5 127.8 191.6
115 59.7 49.8 74.8



#5
2-Fluorophenol
Concen: 135.545 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

Tgt Ion:112 Resp: 1173381
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.4 29.0 43.6

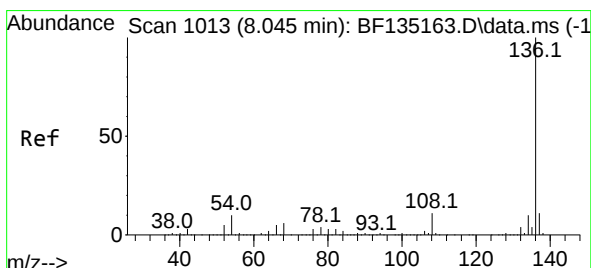
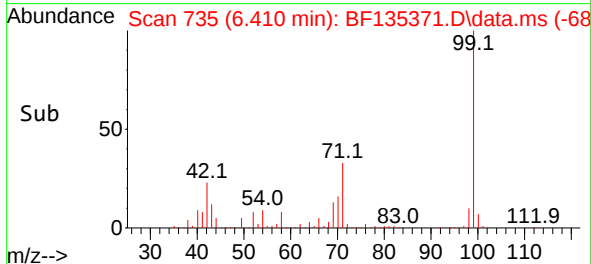
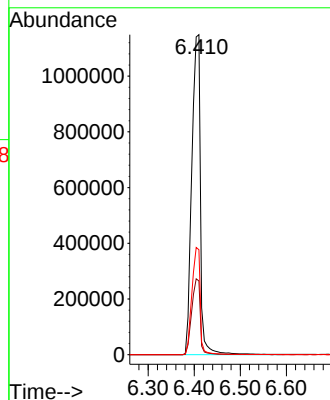
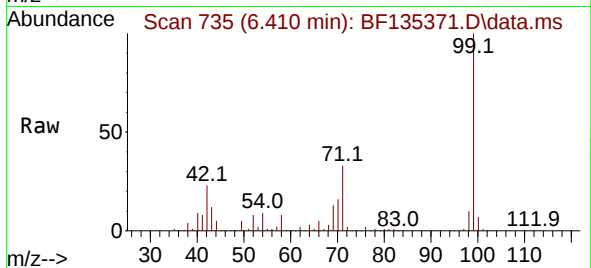




#7
Phenol-d6
Concen: 135.938 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

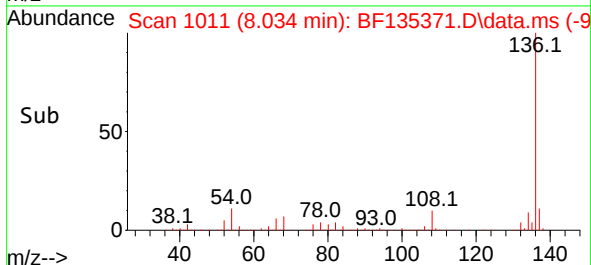
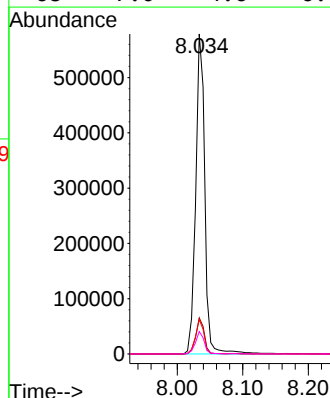
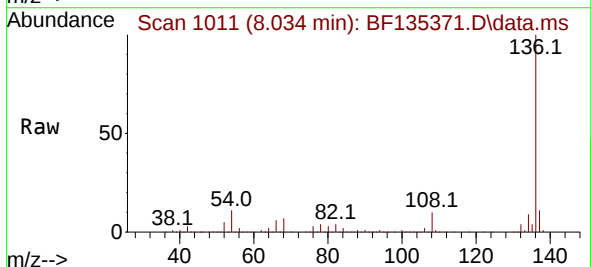
Instrument :
BNA_F
ClientSampleId :
PB155710BL

Tgt Ion: 99 Resp: 1496349
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 32.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

Tgt Ion: 136 Resp: 558518
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.7 7.7 11.5
68 7.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 95.121 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135371.D

Acq: 21 Sep 2023 10:21

Instrument :

BNA_F

ClientSampleId :

PB155710BL

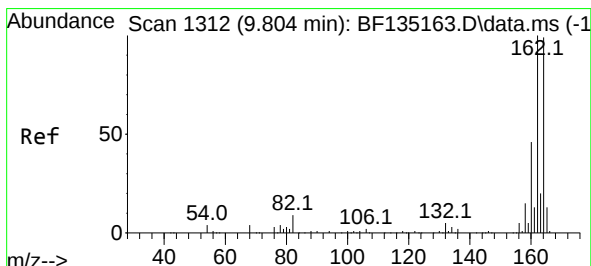
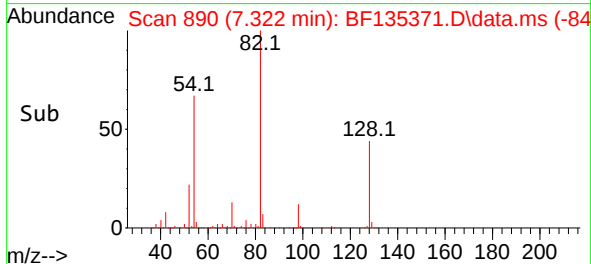
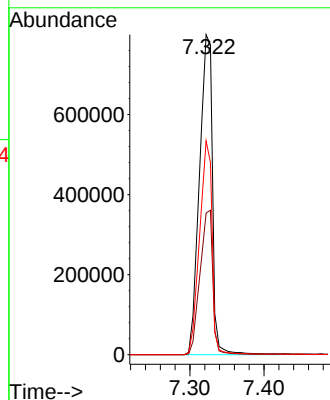
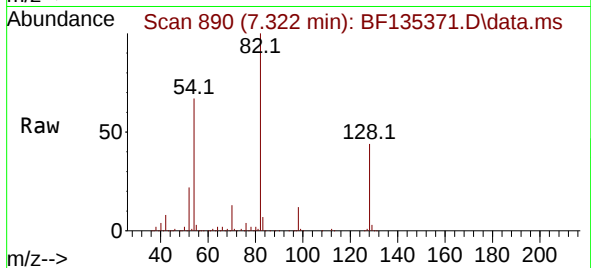
Tgt Ion: 82 Resp: 977863

Ion Ratio Lower Upper

82 100

128 44.2 35.8 53.6

54 66.8 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135371.D

Acq: 21 Sep 2023 10:21

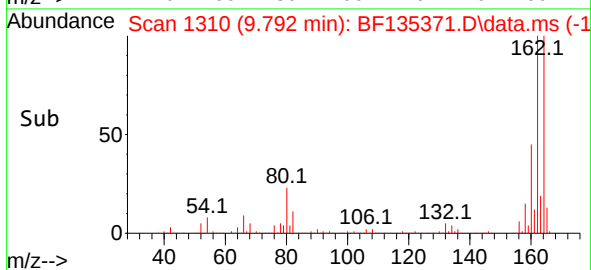
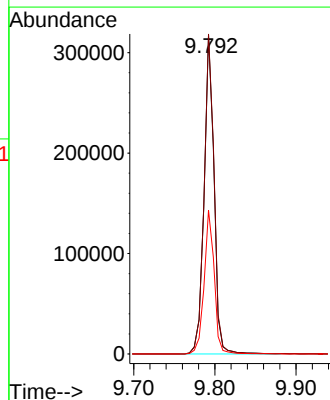
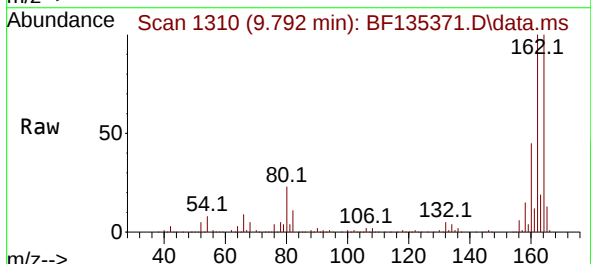
Tgt Ion: 164 Resp: 270650

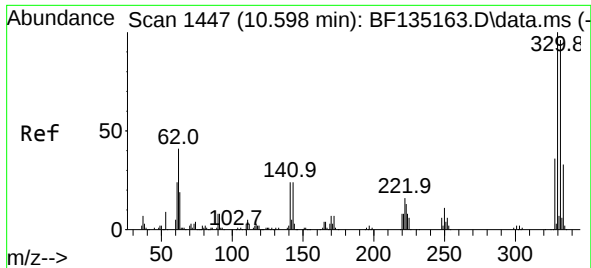
Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

160 45.1 37.0 55.4

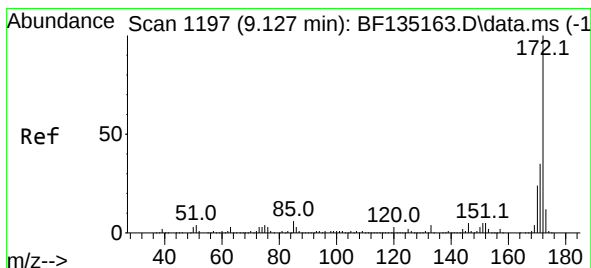
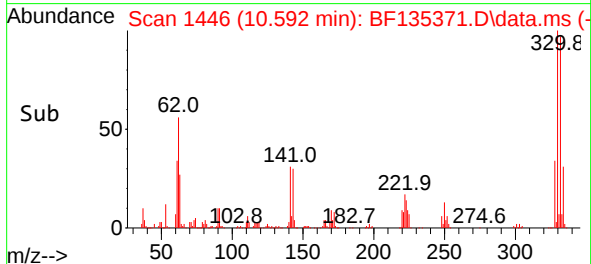
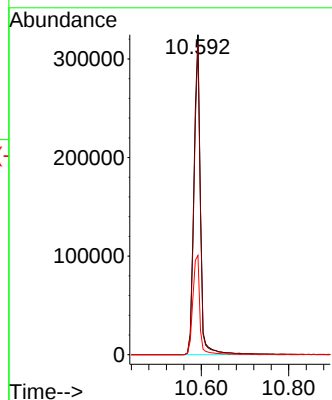
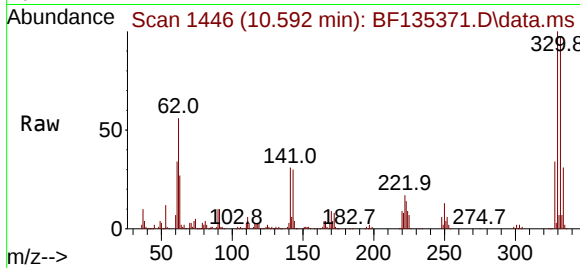




#42
2,4,6-Tribromophenol
Concen: 124.447 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

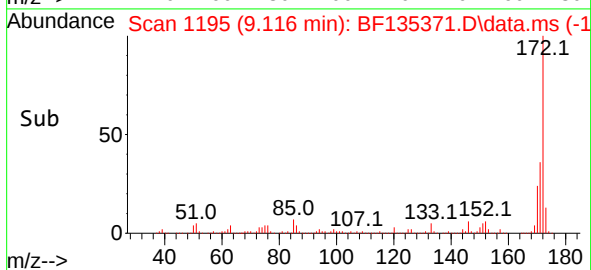
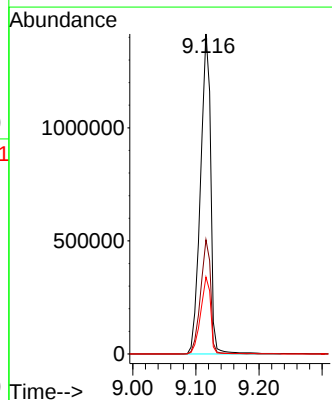
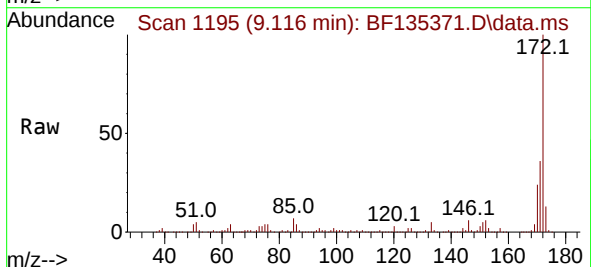
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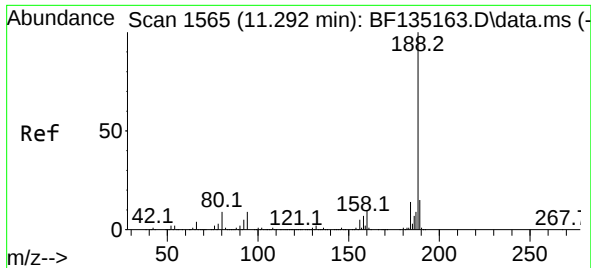
Tgt Ion:330 Resp: 334713
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 33.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 88.702 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

Tgt Ion:172 Resp: 1591229
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.0 19.0 28.4

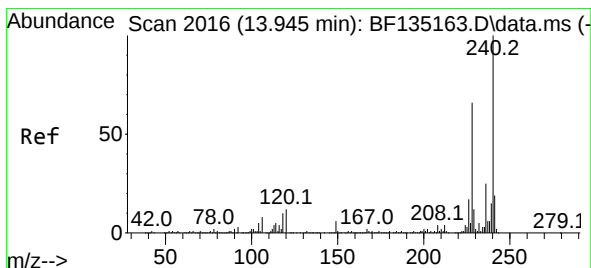
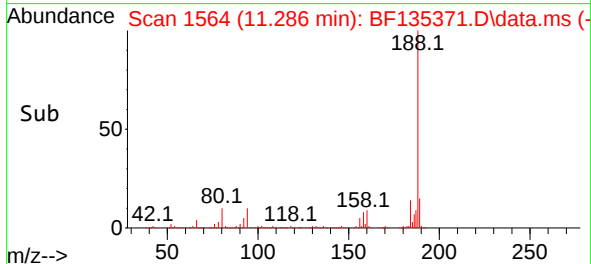
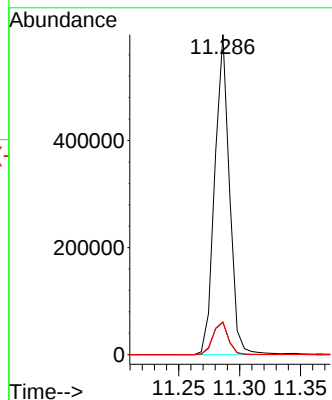
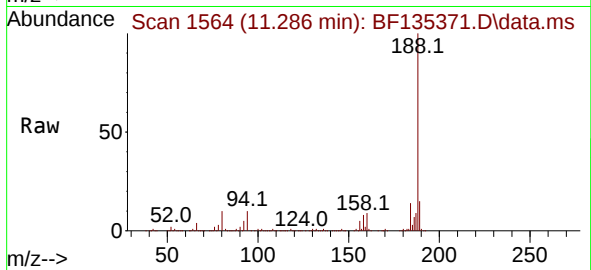




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

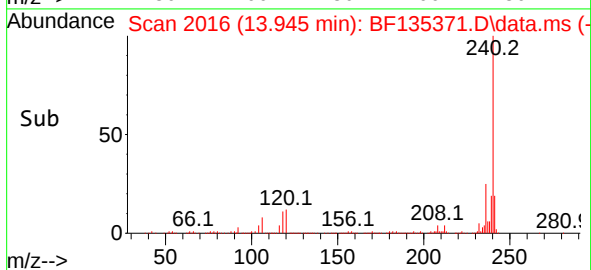
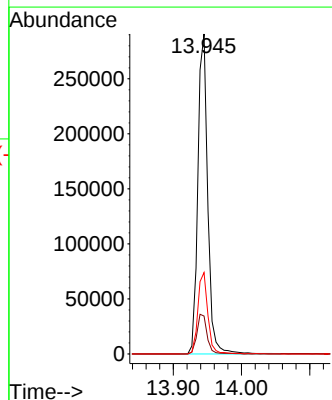
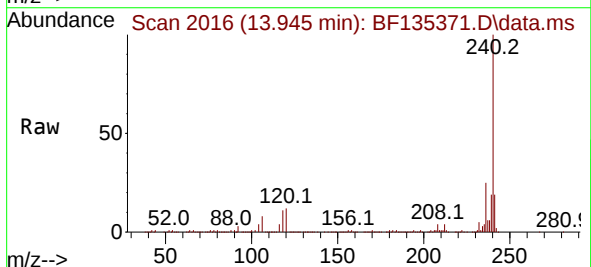
Instrument :
BNA_F
ClientSampleId :
PB155710BL

Tgt Ion:188 Resp: 503619
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135371.D
Acq: 21 Sep 2023 10:21

Tgt Ion:240 Resp: 292126
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.5 19.8 29.8

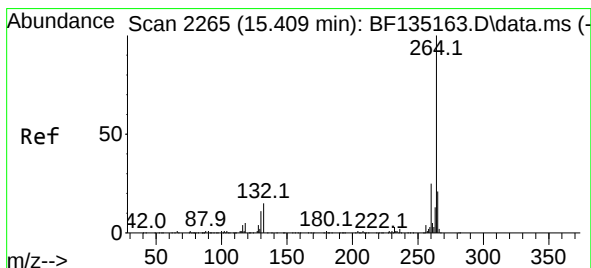
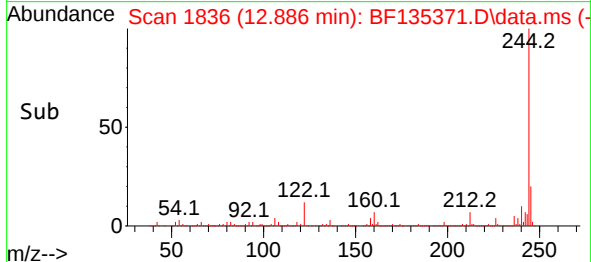
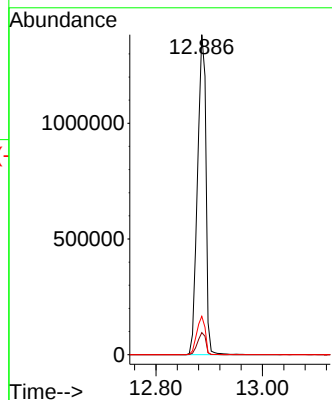
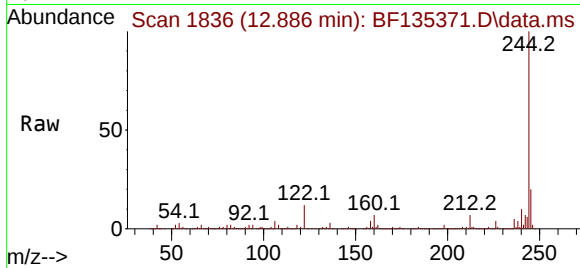




#79
 Terphenyl-d14
 Concen: 80.706 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135371.D
 Acq: 21 Sep 2023 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB155710BL

Tgt Ion:244 Resp: 1520865
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.0 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135371.D
 Acq: 21 Sep 2023 10:21

Tgt Ion:264 Resp: 275877
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.8 17.0 25.4

