

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135376.D
 Acq On : 21 Sep 2023 12:58
 Operator : CG\JU
 Sample : 04407-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 306-TP-9-CS-4

Quant Time: Sep 22 05:54:09 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	143339	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	524467	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	241542	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	382438	20.000	ng	0.00
76) Chrysene-d12	13.939	240	265685	20.000	ng	0.00
86) Perylene-d12	15.409	264	260630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	923465	104.784	ng	0.01
7) Phenol-d6	6.404	99	1162361	103.724	ng	0.00
23) Nitrobenzene-d5	7.322	82	708059	73.348	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	203528	84.791	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1146204	71.594	ng	-0.01
79) Terphenyl-d14	12.880	244	875158	51.063	ng	-0.01

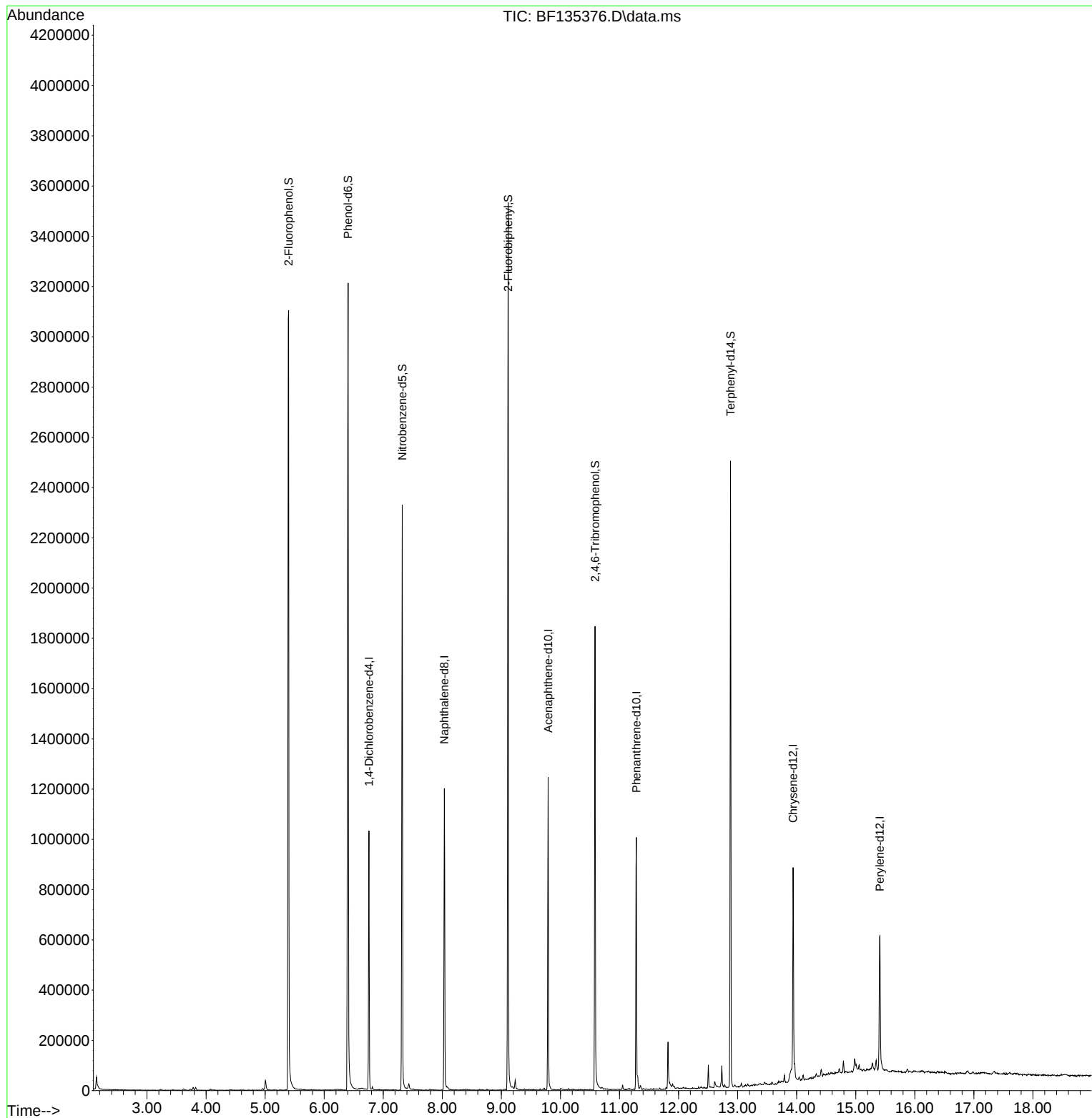
Target Compounds	Qvalue

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

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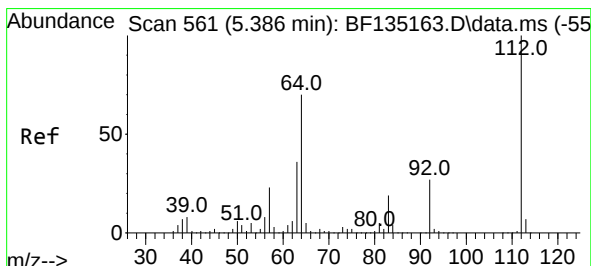
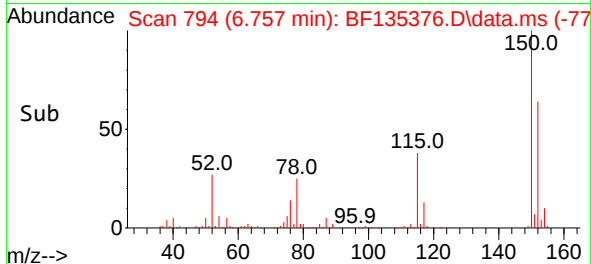
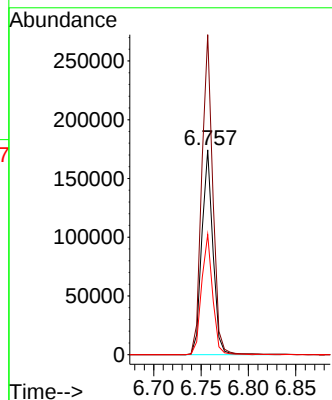
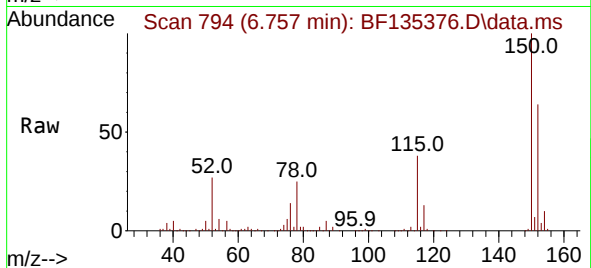




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: BF135376.D
 Acq: 21 Sep 2023 12:58

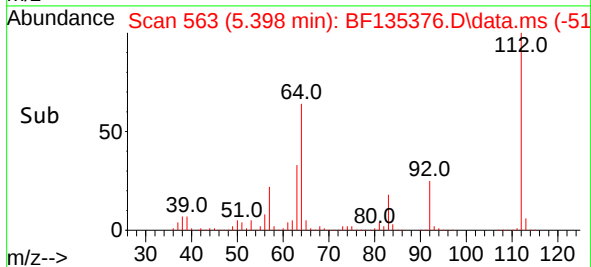
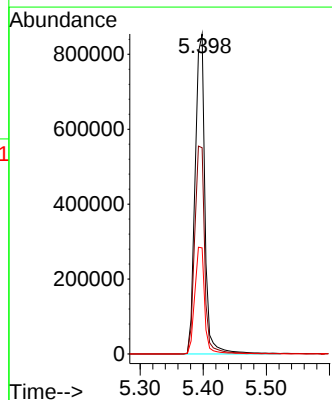
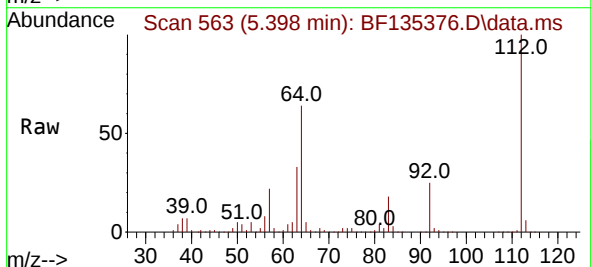
Instrument :
 BNA_F
 ClientSampleId :
 306-TP-9-CS-4

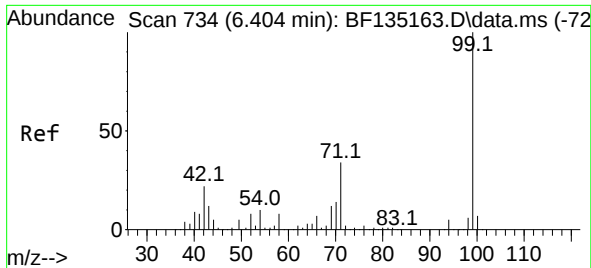
Tgt Ion:152 Resp: 143339
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.8 191.6
 115 58.6 49.8 74.8



#5
 2-Fluorophenol
 Concen: 104.784 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135376.D
 Acq: 21 Sep 2023 12:58

Tgt Ion:112 Resp: 923465
 Ion Ratio Lower Upper
 112 100
 64 64.4 55.9 83.9
 63 33.1 29.0 43.6

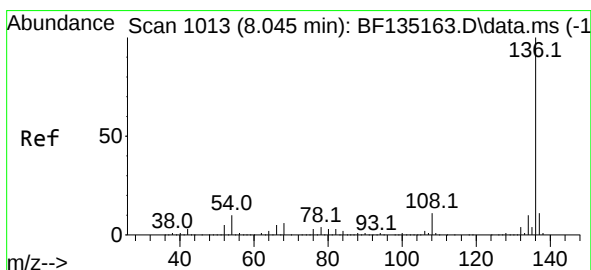
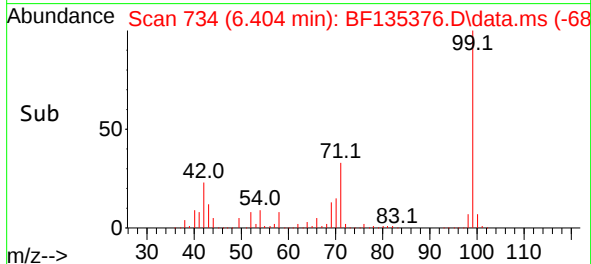
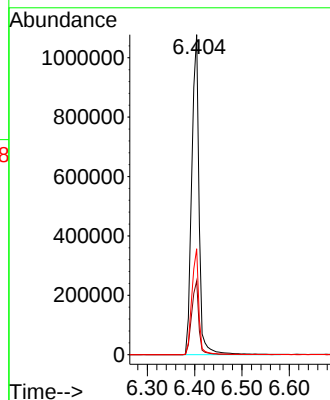
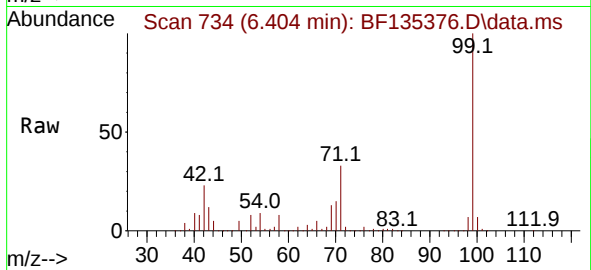




#7
Phenol-d6
Concen: 103.724 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

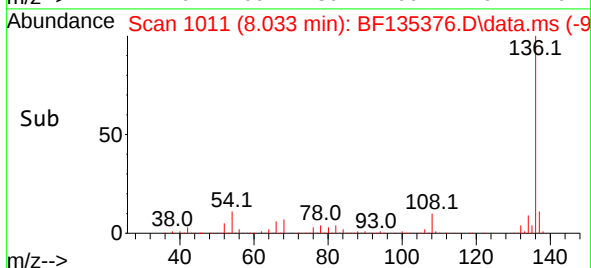
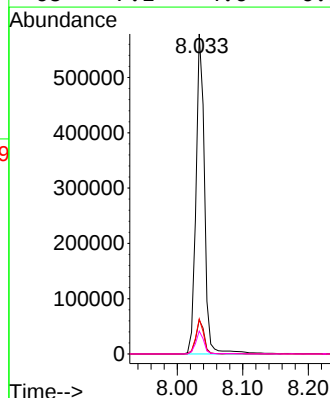
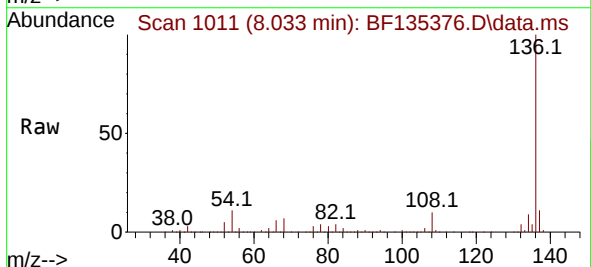
Instrument :
BNA_F
ClientSampleId :
306-TP-9-CS-4

Tgt Ion: 99 Resp: 1162361
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 33.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

Tgt Ion:136 Resp: 524467
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.0 7.7 11.5
68 7.1 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 73.348 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135376.D

Acq: 21 Sep 2023 12:58

Instrument :

BNA_F

ClientSampleId :

306-TP-9-CS-4

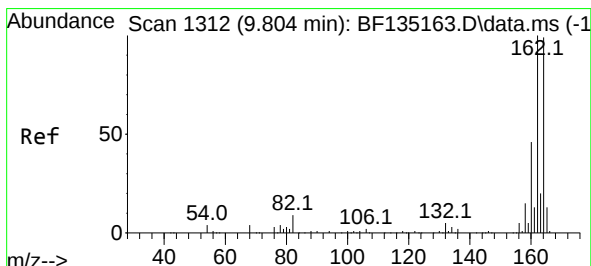
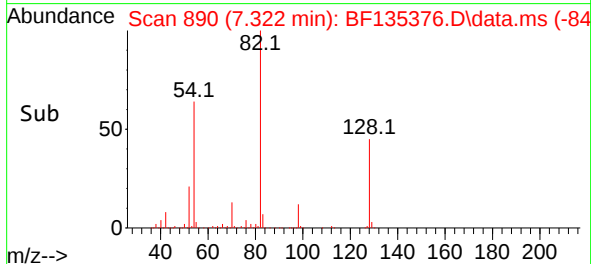
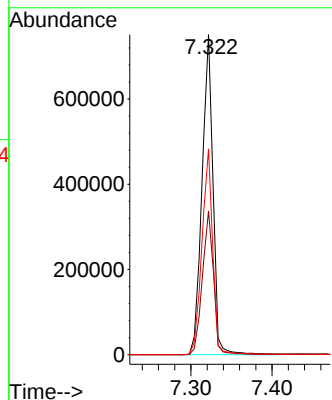
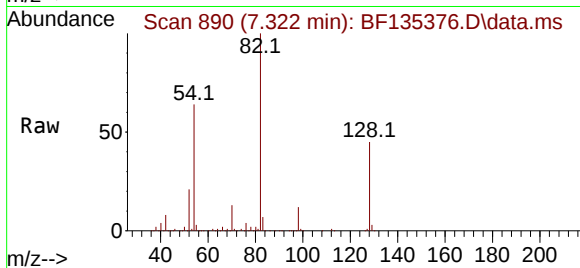
Tgt Ion: 82 Resp: 708059

Ion Ratio Lower Upper

82 100

128 44.9 35.8 53.6

54 64.3 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: BF135376.D

Acq: 21 Sep 2023 12:58

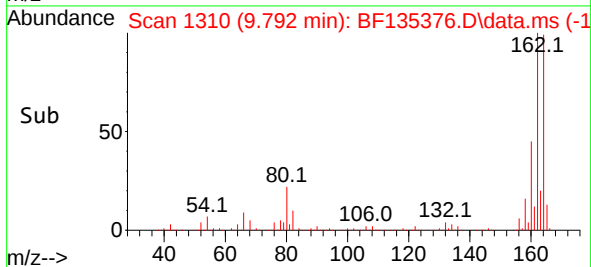
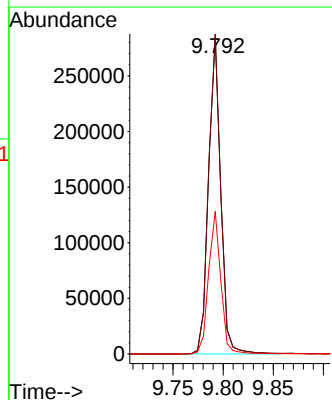
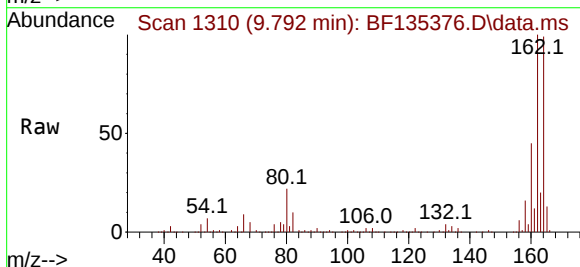
Tgt Ion:164 Resp: 241542

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

160 45.1 37.0 55.4

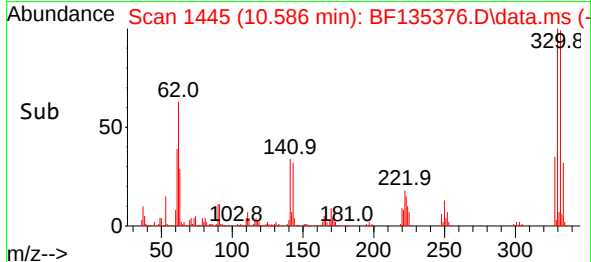
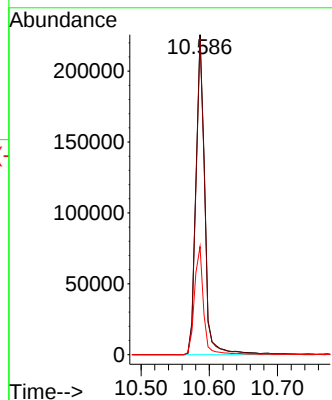
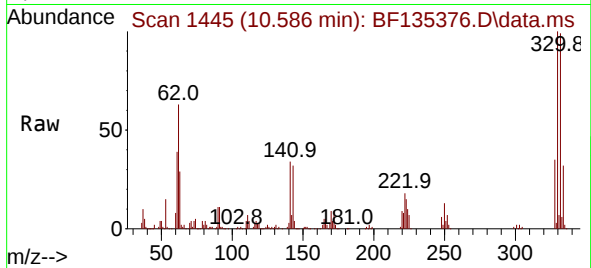




#42
2,4,6-Tribromophenol
Concen: 84.791 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

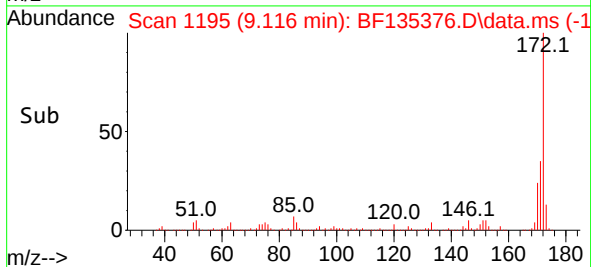
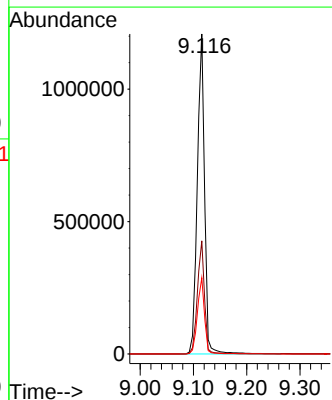
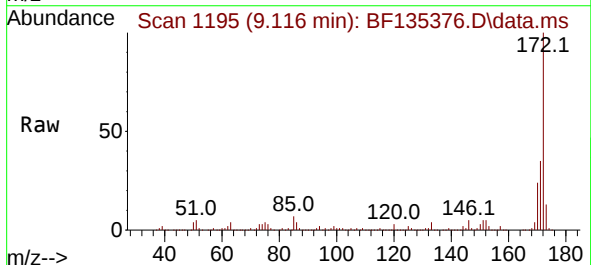
Instrument :
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306-TP-9-CS-4

Tgt Ion:330 Resp: 203528
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 34.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 71.594 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

Tgt Ion:172 Resp: 1146204
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.8 19.0 28.4

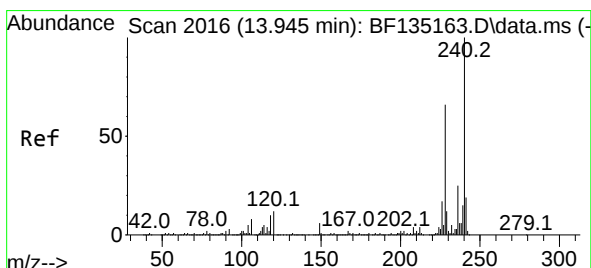
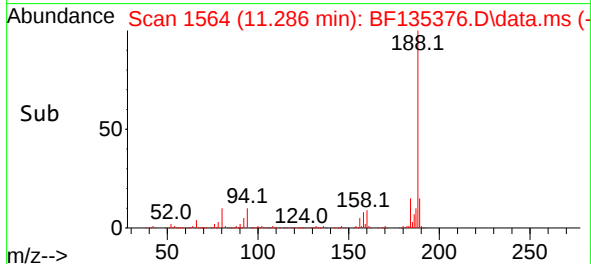
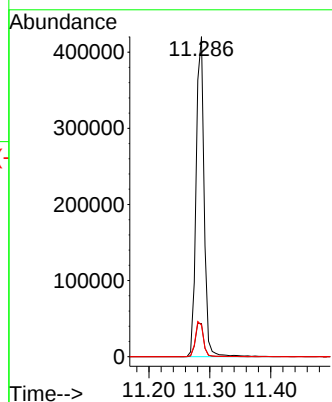
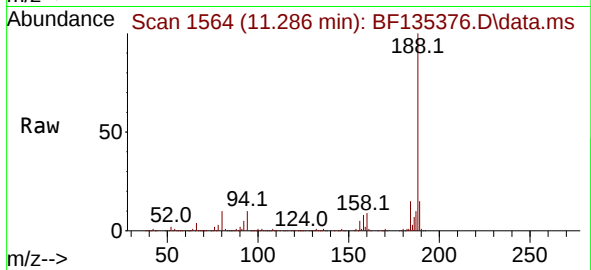




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135376.D
Acq: 21 Sep 2023 12:58

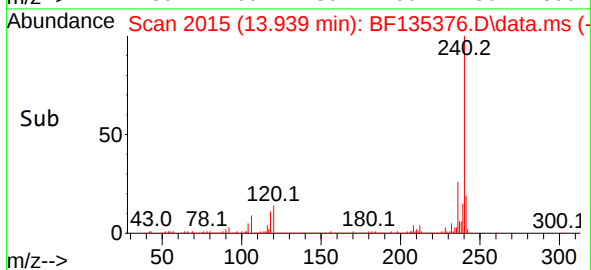
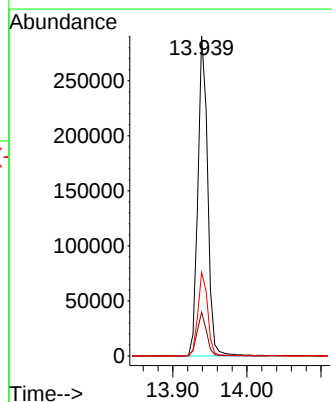
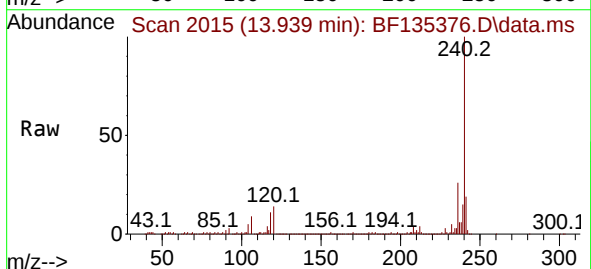
Instrument :
BNA_F
ClientSampleId :
306-TP-9-CS-4

Tgt Ion:188 Resp: 382438
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 9.8 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: BF135376.D
Acq: 21 Sep 2023 12:58

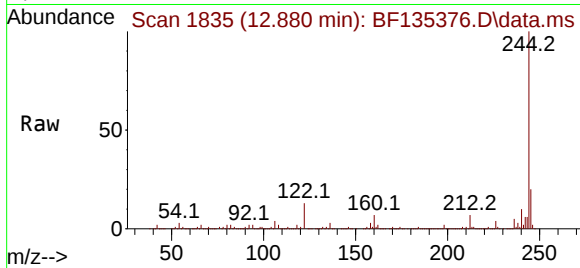
Tgt Ion:240 Resp: 265685
Ion Ratio Lower Upper
240 100
120 13.7 9.4 14.2
236 26.1 19.8 29.8



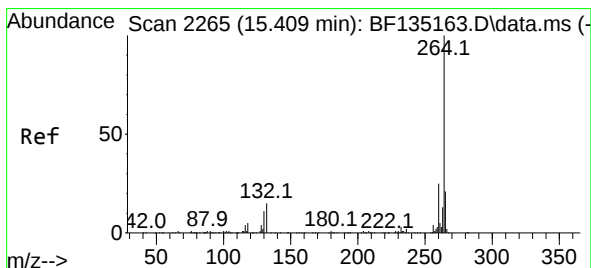
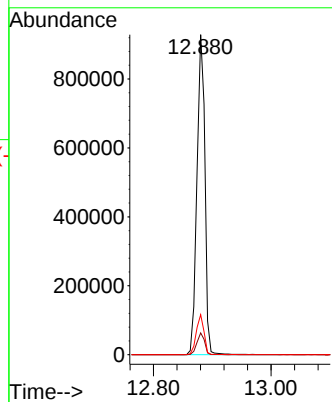
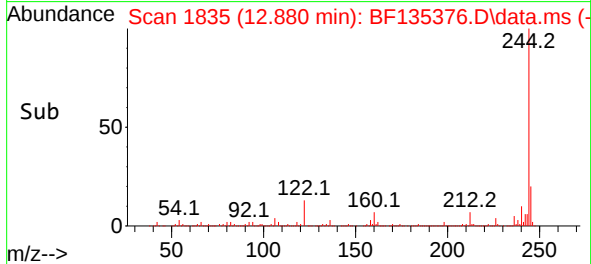


#79
 Terphenyl-d14
 Concen: 51.063 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135376.D
 Acq: 21 Sep 2023 12:58

Instrument :
 BNA_F
 ClientSampleId :
 306-TP-9-CS-4



Tgt Ion:244 Resp: 875158
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.5 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: BF135376.D
 Acq: 21 Sep 2023 12:58

Tgt Ion:264 Resp: 260630
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.8 29.6
 265 22.3 17.0 25.4

