

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135240.D
 Acq On : 14 Sep 2023 00:39
 Operator : CG\JU
 Sample : 04338-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Sep 14 02:26:01 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	6.763	152	134136	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	489096	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	199222	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	297668	20.000	ng	0.00
76) Chrysene-d12	13.945	240	270919	20.000	ng	0.00
86) Perylene-d12	15.409	264	254860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	931710	112.973	ng	0.02
7) Phenol-d6	6.410	99	1069714	102.006	ng	0.00
23) Nitrobenzene-d5	7.328	82	754868	83.852	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	211791	106.977	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1203337	91.130	ng	0.00
79) Terphenyl-d14	12.892	244	1048312	59.984	ng	0.00

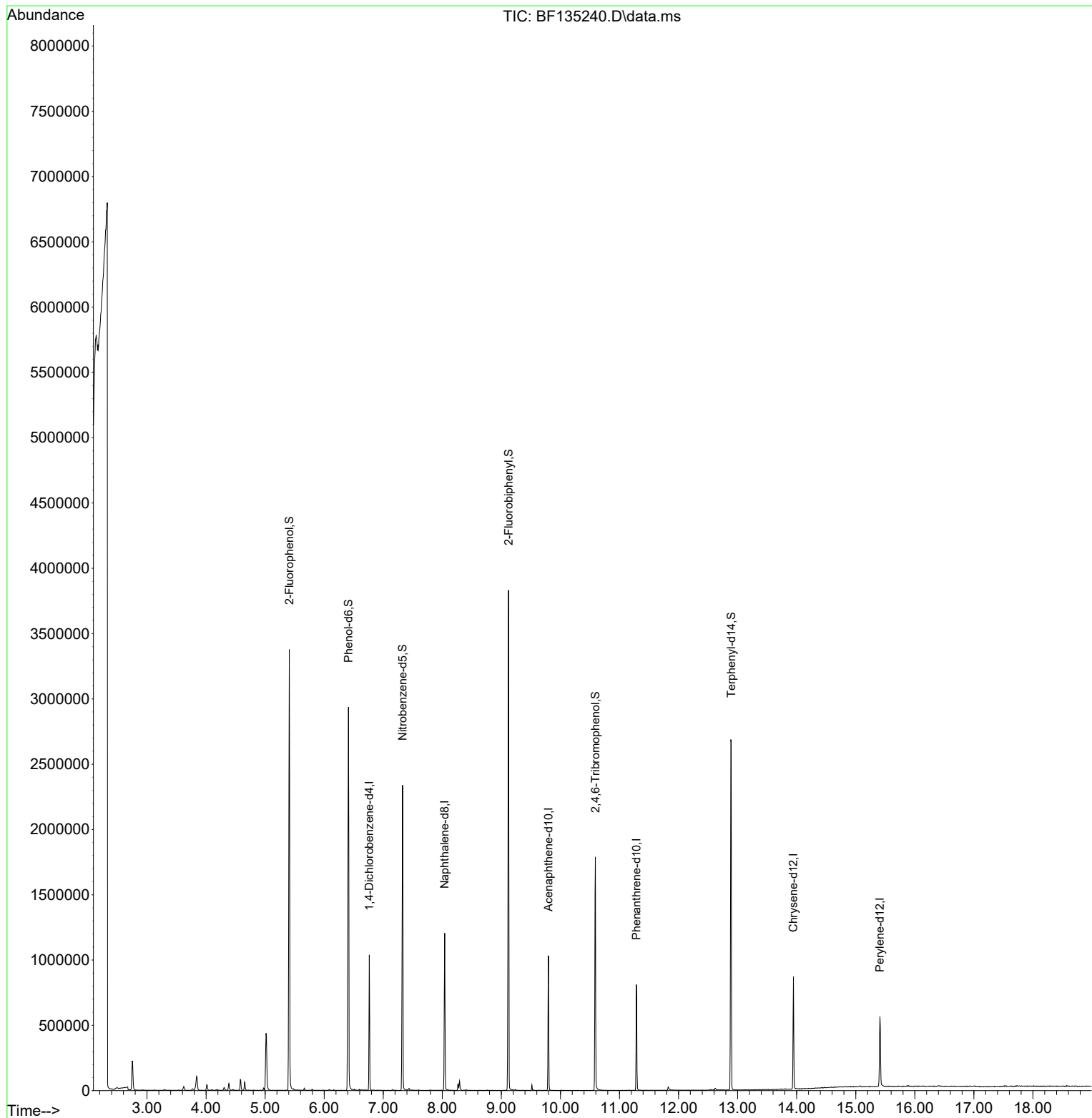
Target Compounds	Qvalue

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

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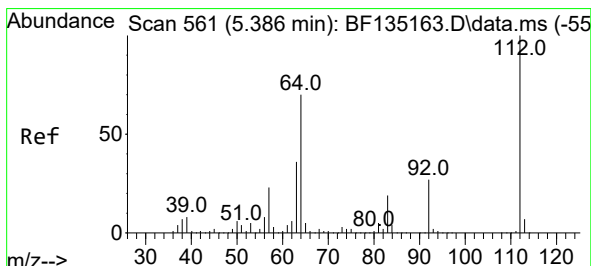
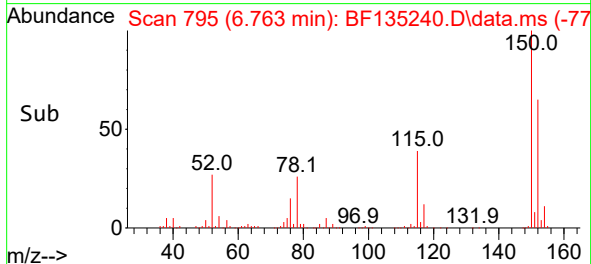
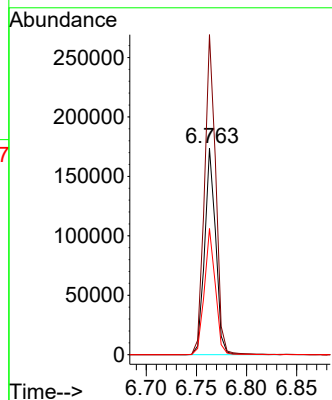
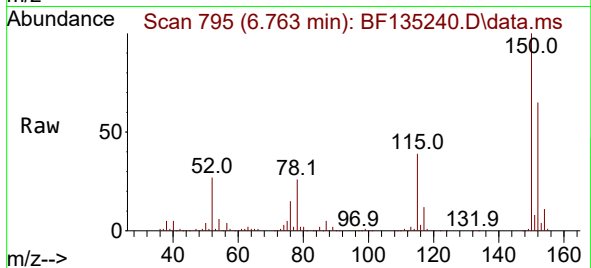




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

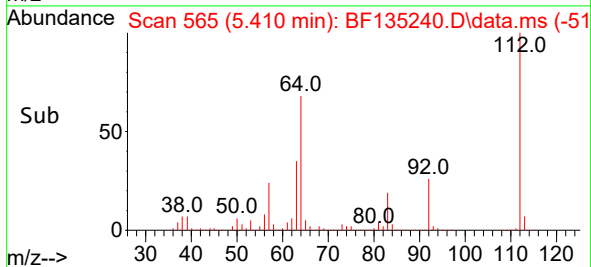
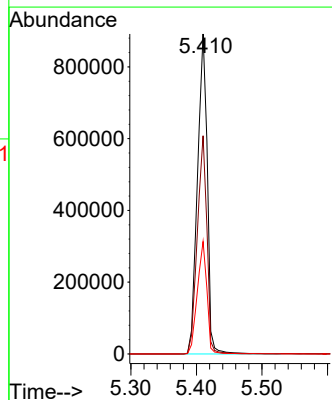
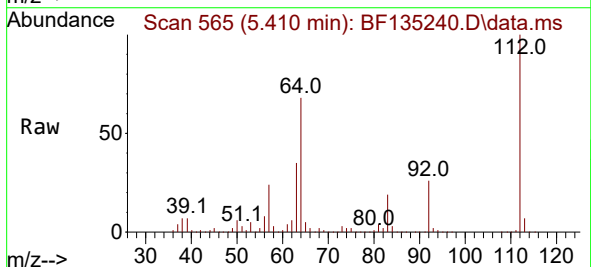
Instrument :
BNA_F
ClientSampleId :
TP3

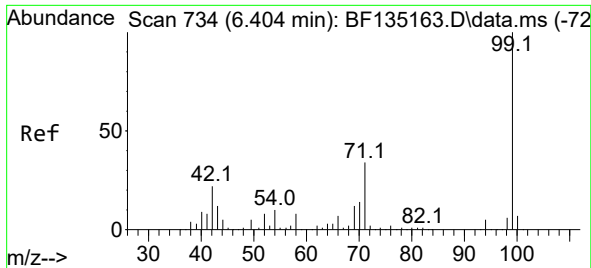
Tgt Ion:152 Resp: 134136
Ion Ratio Lower Upper
152 100
150 155.0 127.8 191.6
115 61.1 49.8 74.8



#5
2-Fluorophenol
Concen: 112.973 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

Tgt Ion:112 Resp: 931710
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 35.2 29.0 43.6

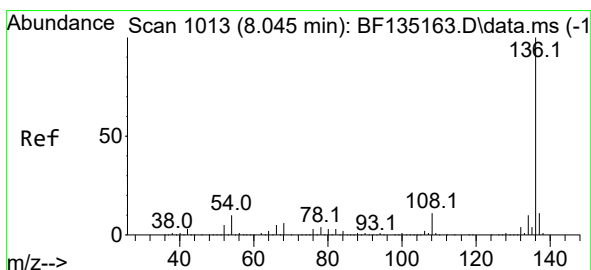
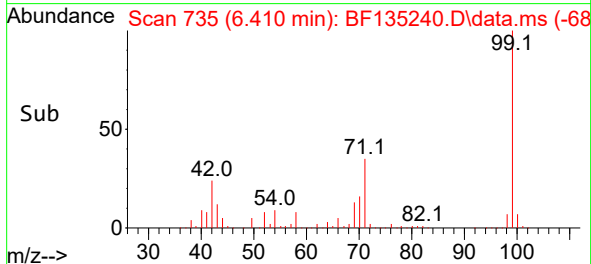
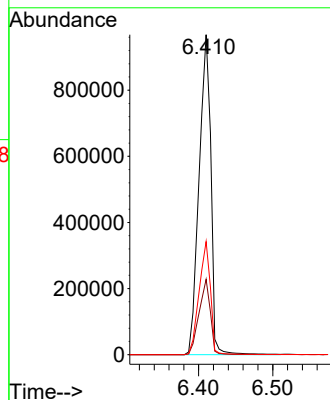
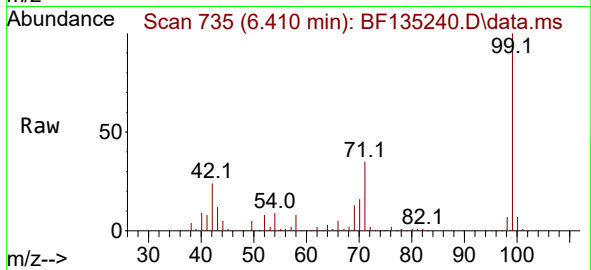




#7
Phenol-d6
Concen: 102.006 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

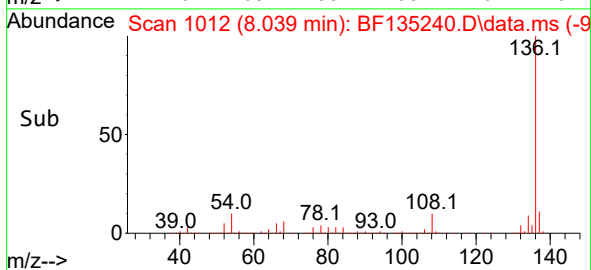
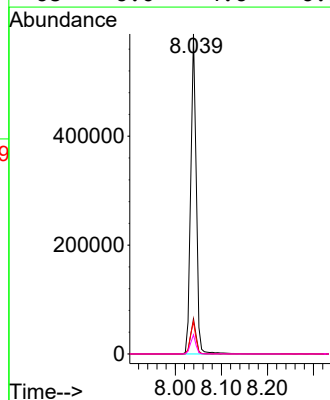
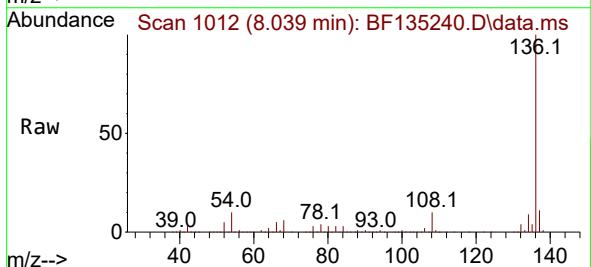
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion: 99 Resp: 1069714
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 35.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

Tgt Ion: 136 Resp: 489096
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 7.7 11.5
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 83.852 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135240.D

Acq: 14 Sep 2023 00:39

Instrument :

BNA_F

ClientSampleId :

TP3

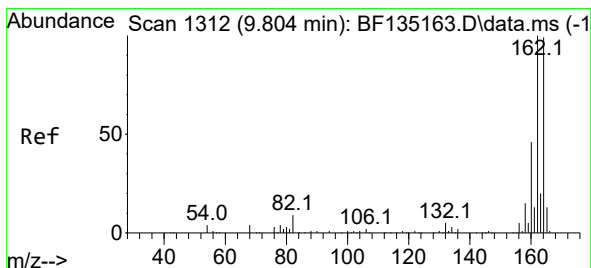
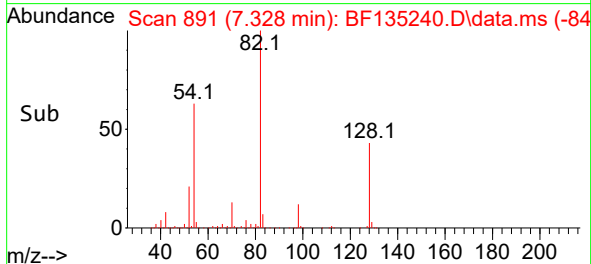
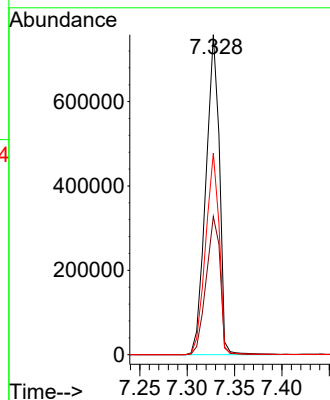
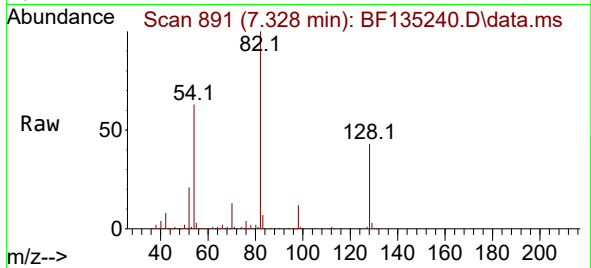
Tgt Ion: 82 Resp: 754868

Ion Ratio Lower Upper

82 100

128 43.2 35.8 53.6

54 63.0 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135240.D

Acq: 14 Sep 2023 00:39

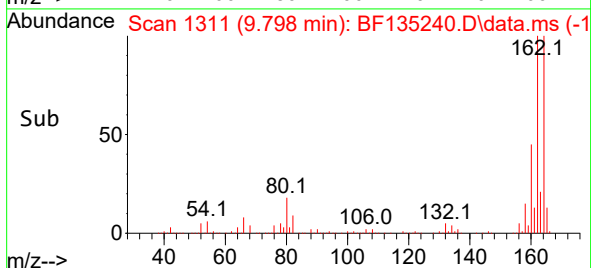
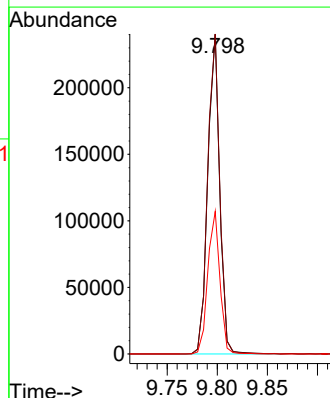
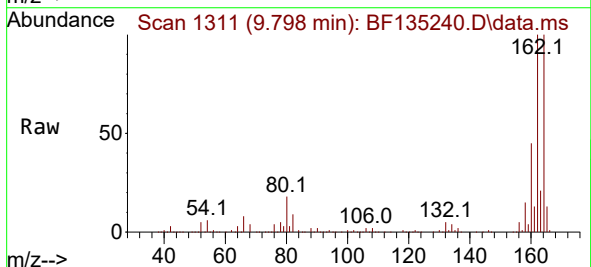
Tgt Ion:164 Resp: 199222

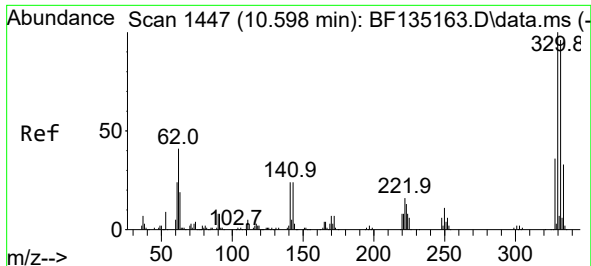
Ion Ratio Lower Upper

164 100

162 100.1 81.0 121.4

160 44.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 106.977 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135240.D

Acq: 14 Sep 2023 00:39

Instrument :

BNA_F

ClientSampleId :

TP3

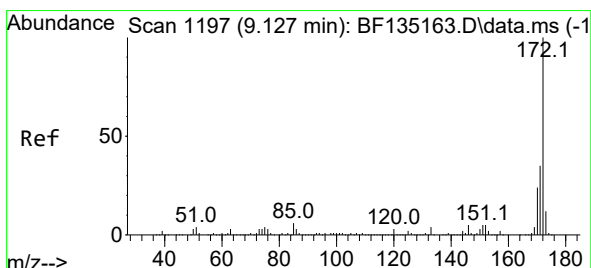
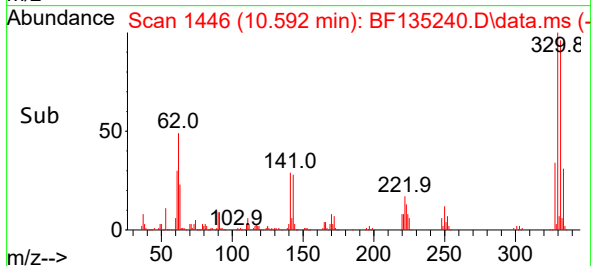
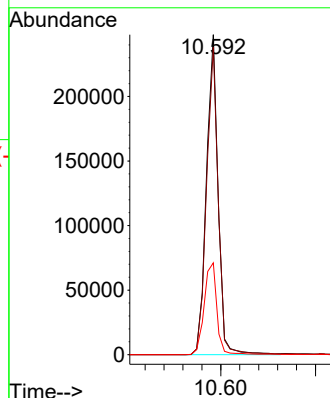
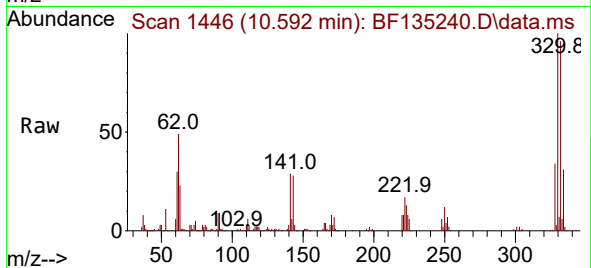
Tgt Ion:330 Resp: 211791

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 31.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 91.130 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135240.D

Acq: 14 Sep 2023 00:39

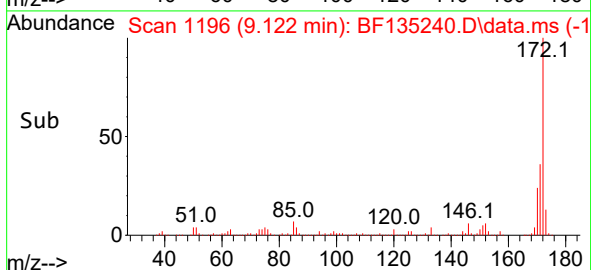
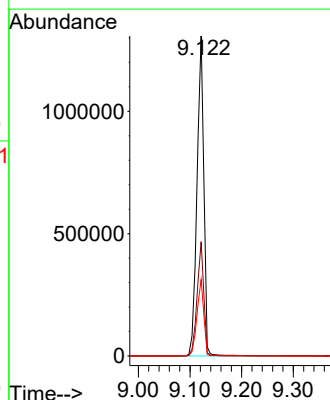
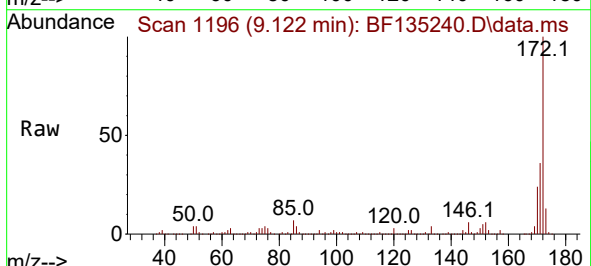
Tgt Ion:172 Resp: 1203337

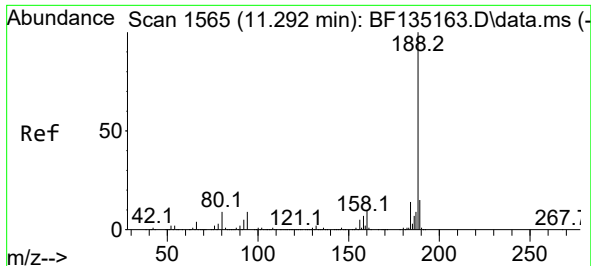
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.9 19.0 28.4

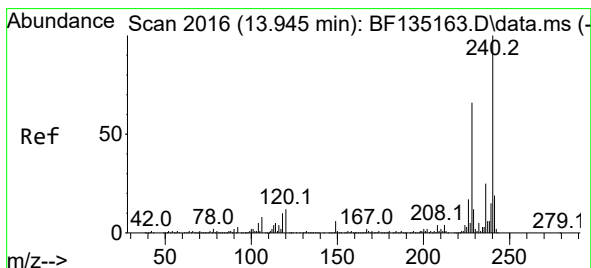
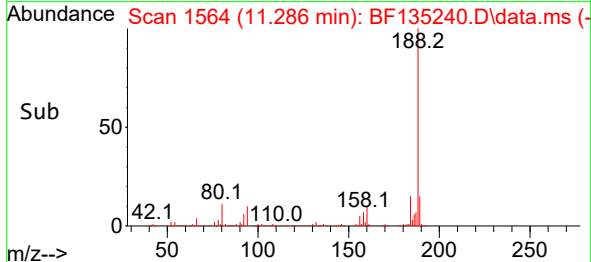
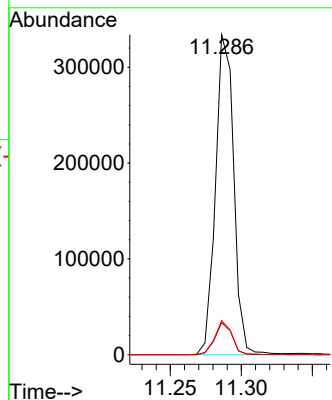
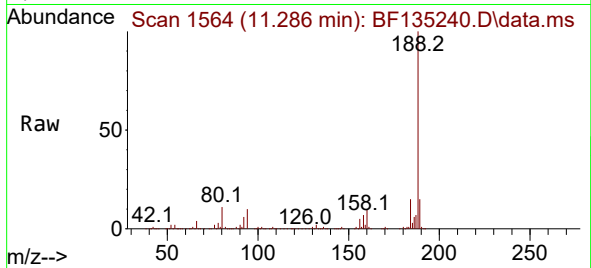




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

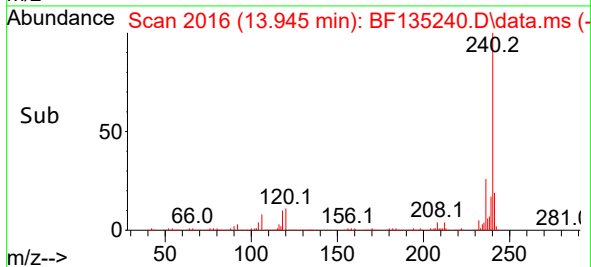
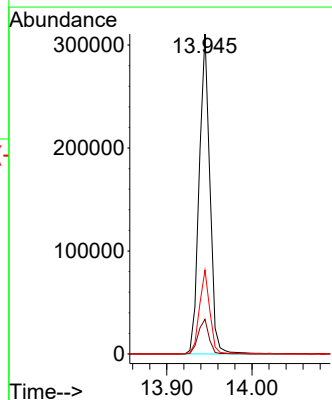
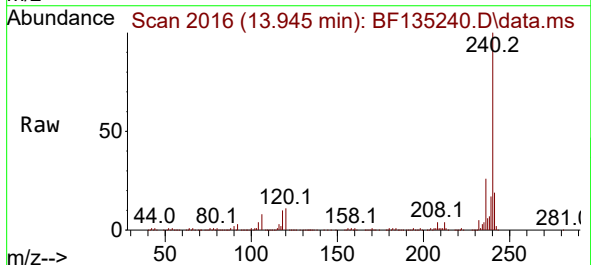
Instrument :
BNA_F
ClientSampleId :
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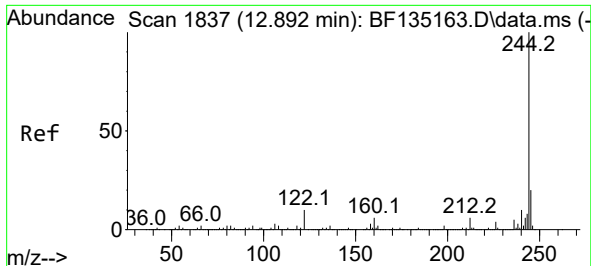
Tgt Ion:188 Resp: 297668
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

Tgt Ion:240 Resp: 270919
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.2 19.8 29.8

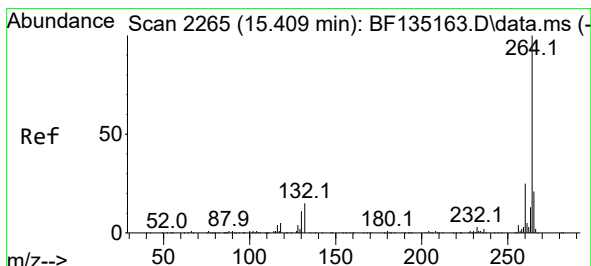
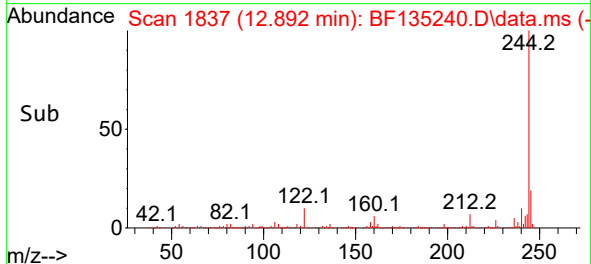
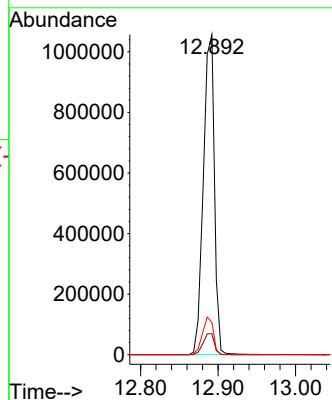
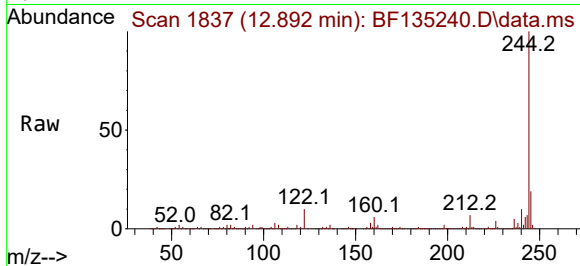




#79
 Terphenyl-d14
 Concen: 59.984 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135240.D
 Acq: 14 Sep 2023 00:39

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1048312
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.2 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: BF135240.D
 Acq: 14 Sep 2023 00:39

Tgt Ion:264 Resp: 254860
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.1 17.0 25.4

