

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135083.D
 Acq On : 01 Sep 2023 18:46
 Operator : CG\JU
 Sample : 04189-02DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(16-18)DL

Quant Time: Sep 02 00:28:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

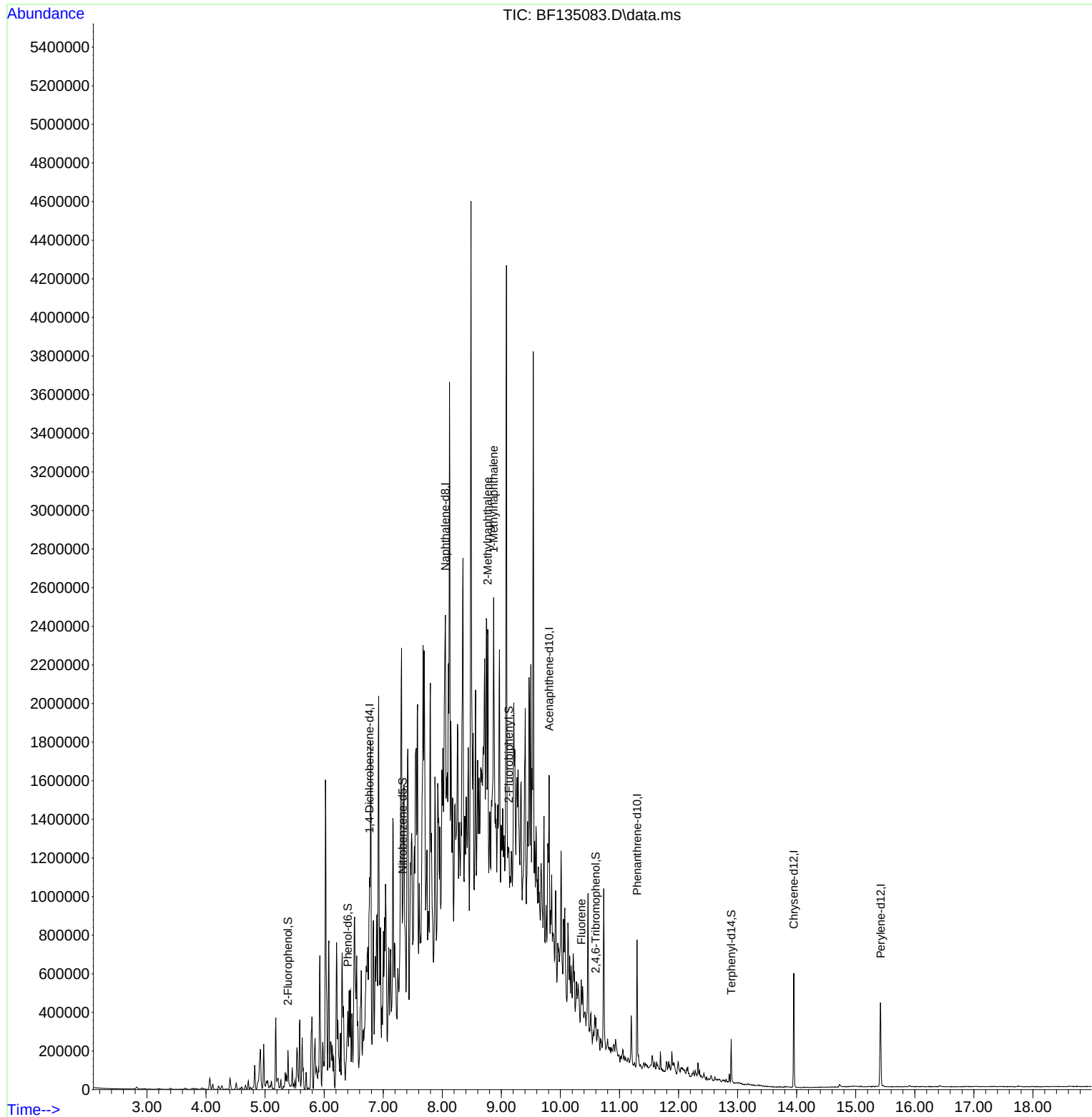
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	75350	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	259574	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	127967	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	218058	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	188389	20.000	ng	-0.01
86) Perylene-d12	15.421	264	203057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	49198	10.085	ng	-0.01
7) Phenol-d6	6.398	99	59844	9.842	ng	-0.02
23) Nitrobenzene-d5	7.328	82	57298	12.401	ng	-0.02
42) 2,4,6-Tribromophenol	10.598	330	9326	6.870	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	62454	7.946	ng	-0.01
79) Terphenyl-d14	12.892	244	65238	5.651	ng	-0.01
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.769	142	419680	49.605	ng	99
38) 1-Methylnaphthalene	8.869	142	326133	41.198	ng	99
58) Fluorene	10.357	166	19740	2.534	ng	# 91

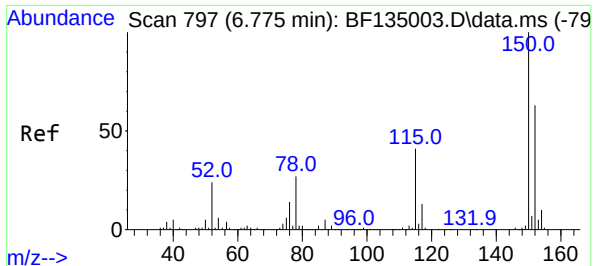
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 02 00:28:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

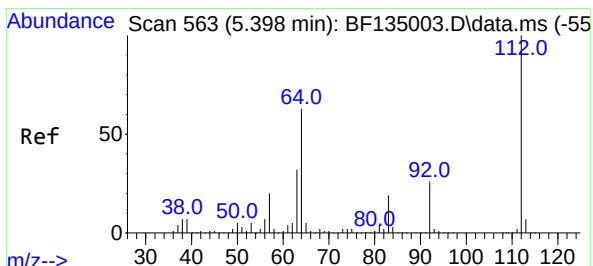
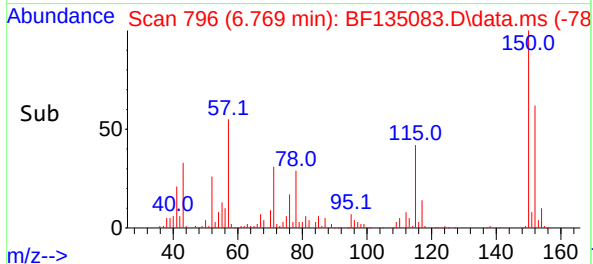
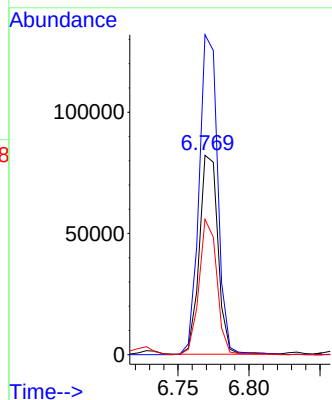
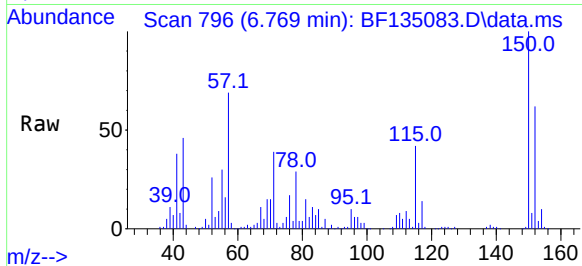




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135083.D
Acq: 01 Sep 2023 18:46

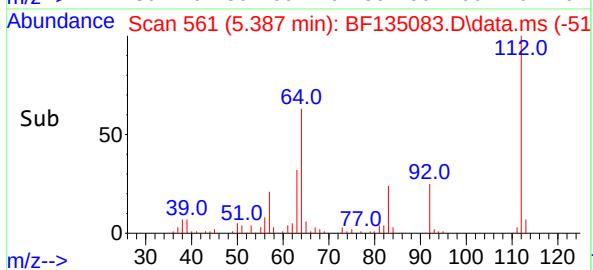
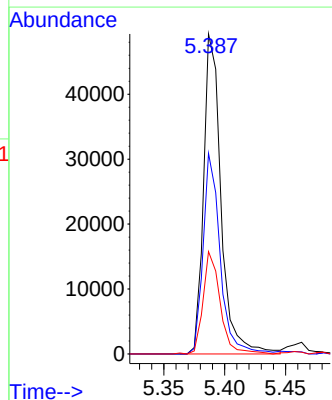
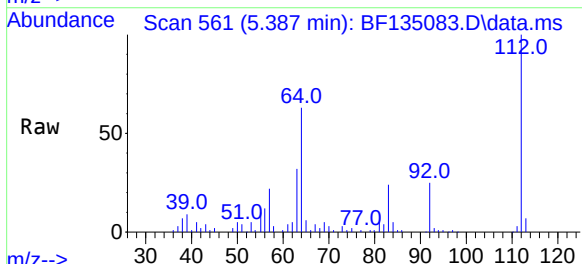
Instrument :
BNA_F
ClientSampleId :
SB-06(16-18)DL

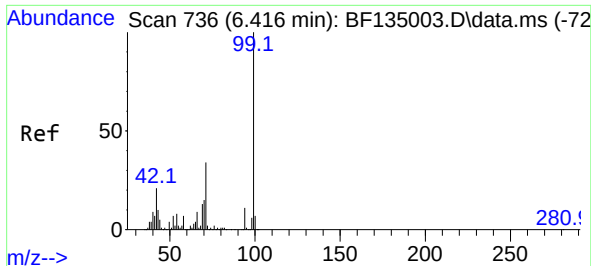
Tgt Ion:152 Resp: 75350
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.4
115 67.8 51.2 76.8



#5
2-Fluorophenol
Concen: 10.085 ng
RT: 5.387 min Scan# 561
Delta R.T. -0.012 min
Lab File: BF135083.D
Acq: 01 Sep 2023 18:46

Tgt Ion:112 Resp: 49198
Ion Ratio Lower Upper
112 100
64 62.7 50.5 75.7
63 32.0 25.9 38.9

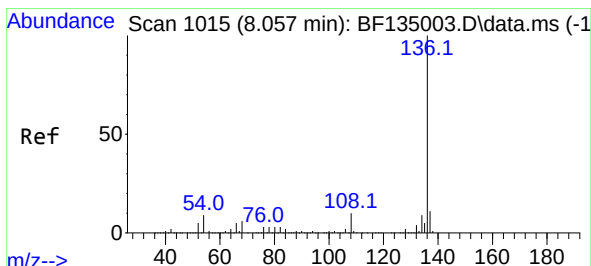
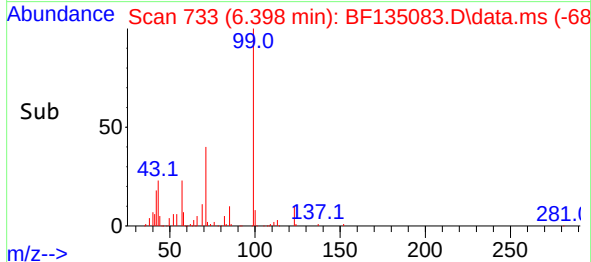
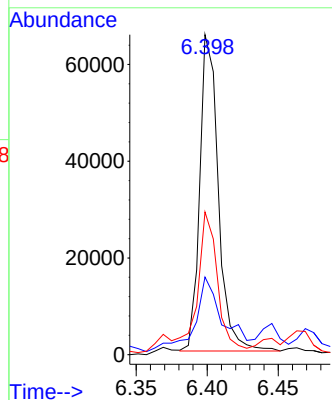
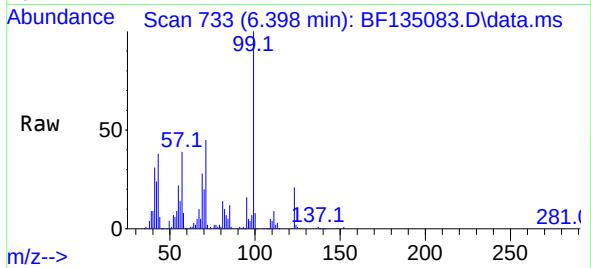




#7
Phenol-d6
Concen: 9.842 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF135083.D
Acq: 01 Sep 2023 18:46

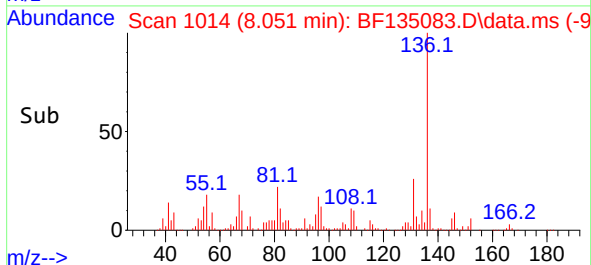
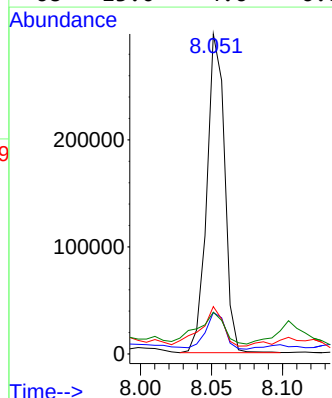
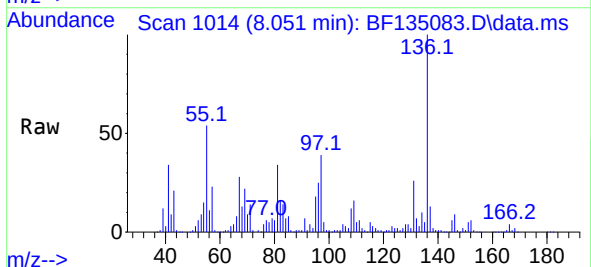
Instrument :
BNA_F
ClientSampleId :
SB-06(16-18)DL

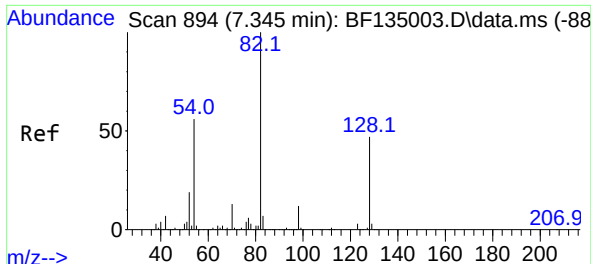
Tgt Ion: 99 Resp: 59844
Ion Ratio Lower Upper
99 100
42 24.2 16.6 25.0
71 44.6 27.0 40.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135083.D
Acq: 01 Sep 2023 18:46

Tgt Ion:136 Resp: 259574
Ion Ratio Lower Upper
136 100
137 12.9 8.8 13.2
54 14.8 7.0 10.4#
68 13.0 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 12.401 ng

RT: 7.328 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF135083.D

Acq: 01 Sep 2023 18:46

Instrument :

BNA_F

ClientSampleId :

SB-06(16-18)DL

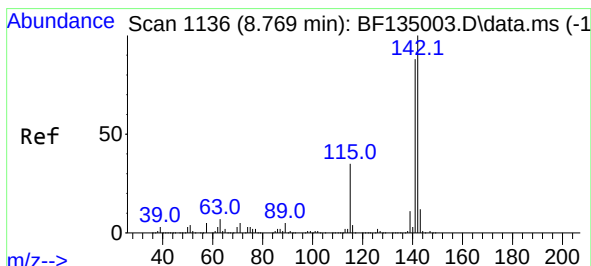
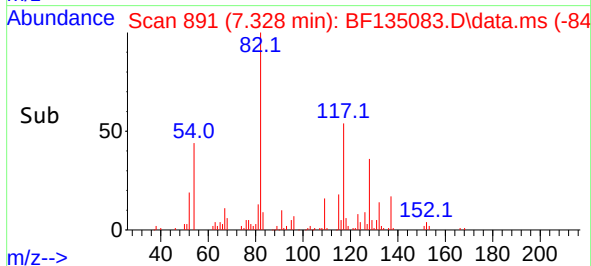
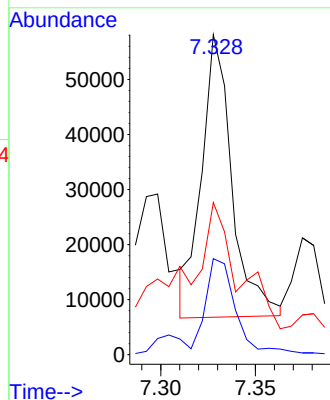
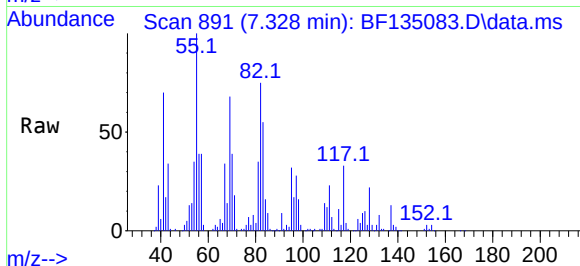
Tgt Ion: 82 Resp: 57298

Ion Ratio Lower Upper

82 100

128 30.0 37.8 56.8#

54 47.5 45.0 67.6



#37

2-Methylnaphthalene

Concen: 49.605 ng

RT: 8.769 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF135083.D

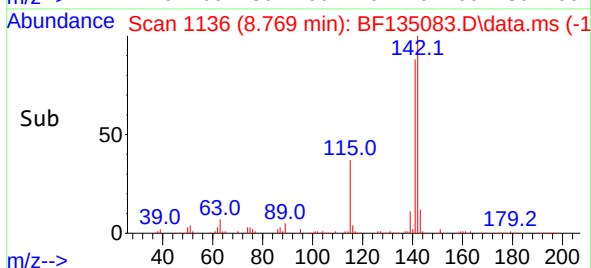
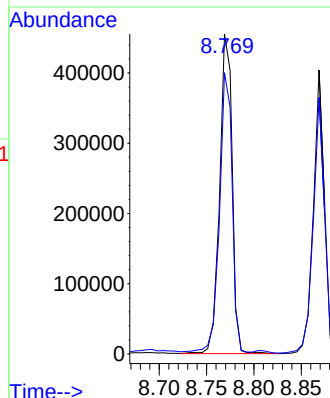
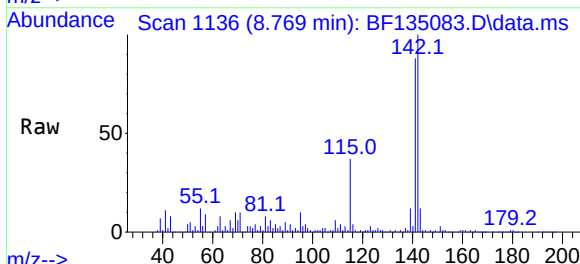
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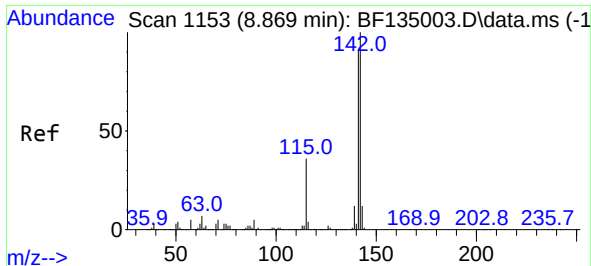
Tgt Ion:142 Resp: 419680

Ion Ratio Lower Upper

142 100

141 87.9 70.7 106.1

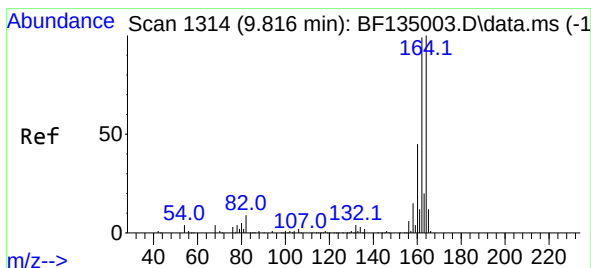
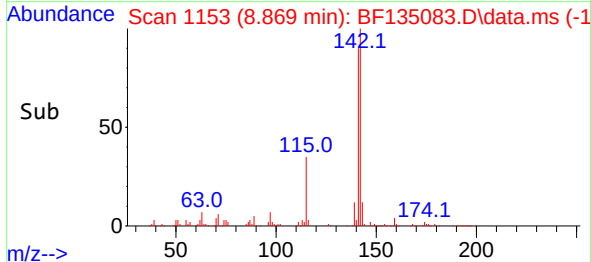
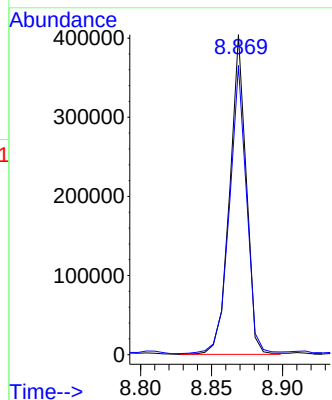
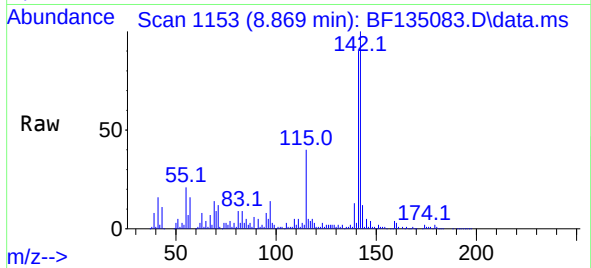




#38
1-Methylnaphthalene
Concen: 41.198 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF135083.D
Acq: 01 Sep 2023 18:46

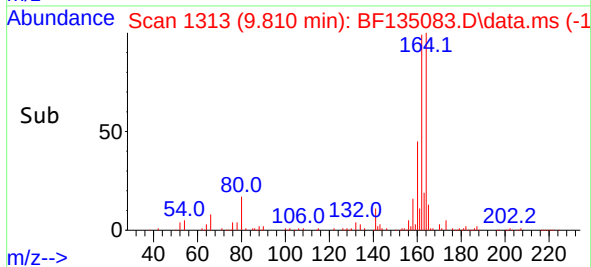
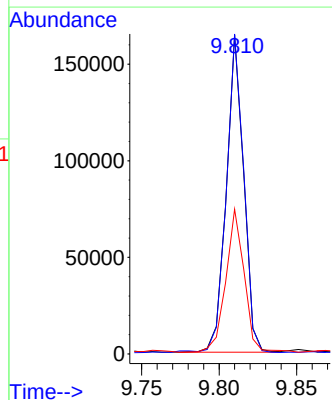
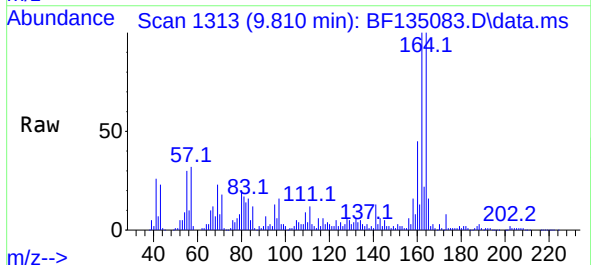
Instrument :
BNA_F
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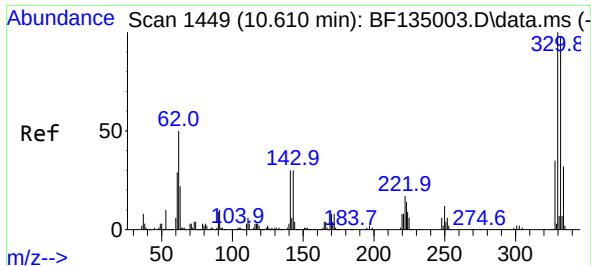
Tgt Ion:142 Resp: 326133
Ion Ratio Lower Upper
142 100
141 90.4 73.0 109.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135083.D
Acq: 01 Sep 2023 18:46

Tgt Ion:164 Resp: 127967
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 45.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 6.870 ng

RT: 10.598 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF135083.D

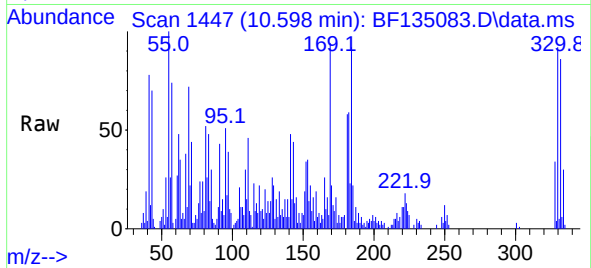
Acq: 01 Sep 2023 18:46

Instrument :

BNA_F

ClientSampleId :

SB-06(16-18)DL



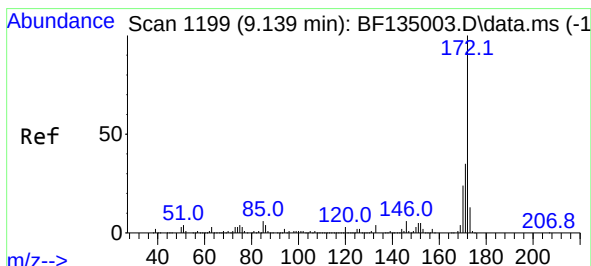
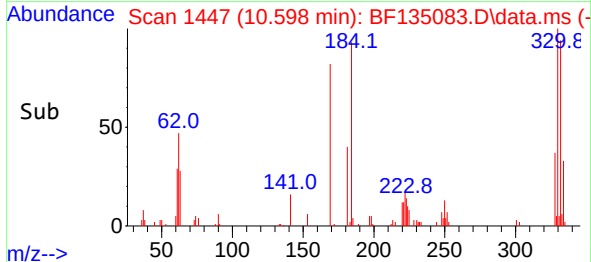
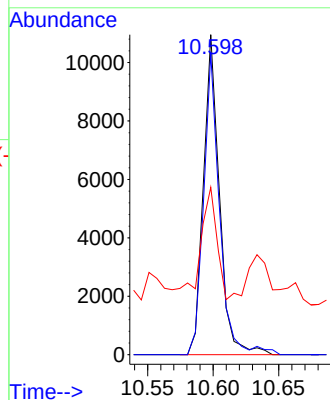
Tgt Ion:330 Resp: 9326

Ion Ratio Lower Upper

330 100

332 91.6 77.6 116.4

141 31.5 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 7.946 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135083.D

Acq: 01 Sep 2023 18:46

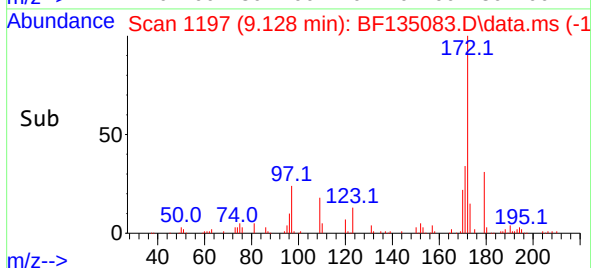
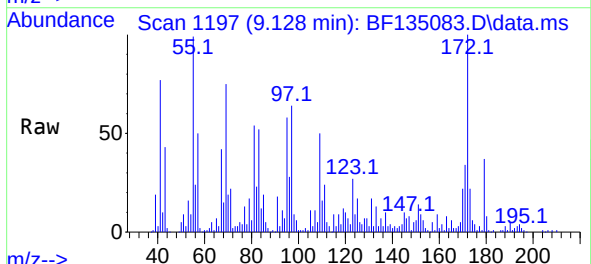
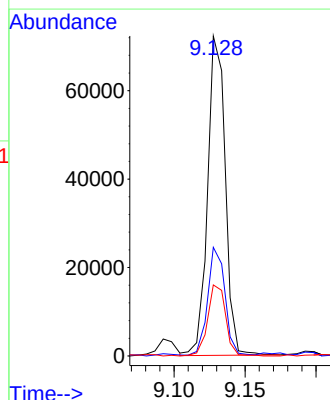
Tgt Ion:172 Resp: 62454

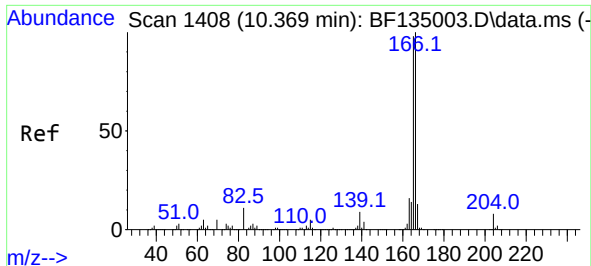
Ion Ratio Lower Upper

172 100

171 33.9 28.2 42.2

170 22.2 19.0 28.4

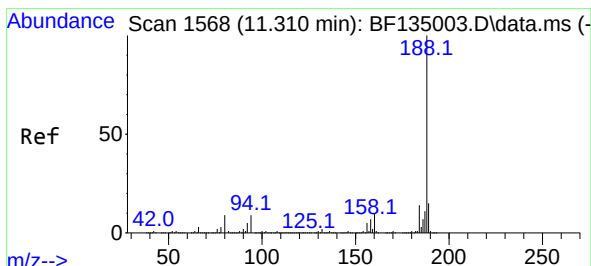
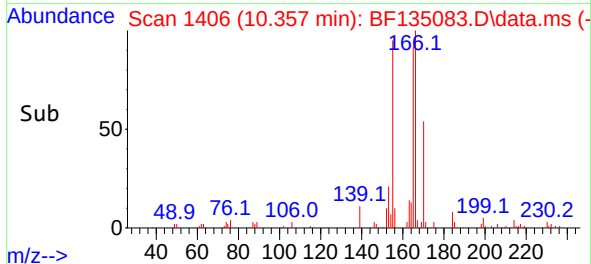
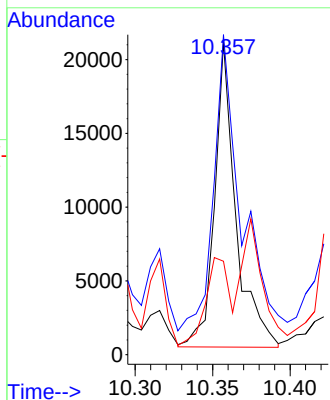
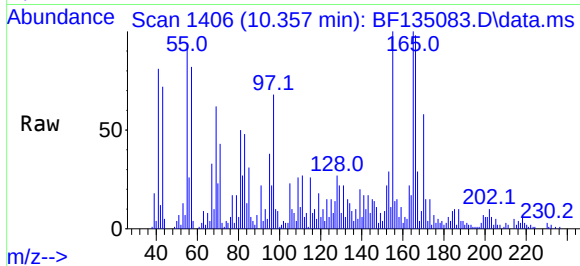




#58
Fluorene
Concen: 2.534 ng
RT: 10.357 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF135083.D
Acq: 01 Sep 2023 18:46

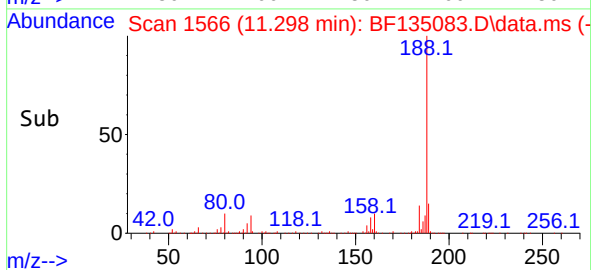
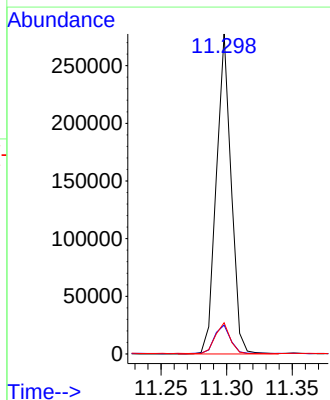
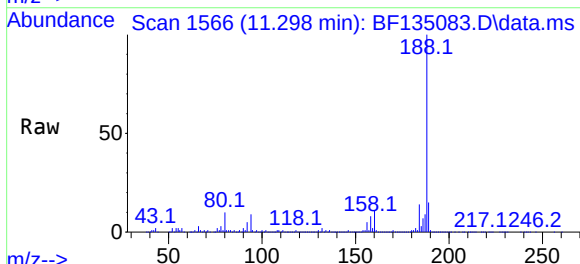
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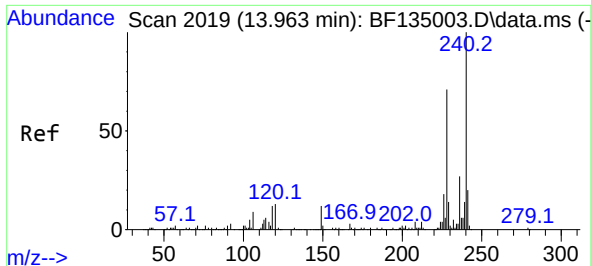
Tgt Ion:166 Resp: 19740
Ion Ratio Lower Upper
166 100
165 102.4 78.0 117.0
167 29.9 10.8 16.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135083.D
Acq: 01 Sep 2023 18:46

Tgt Ion:188 Resp: 218058
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.7 7.4 11.2

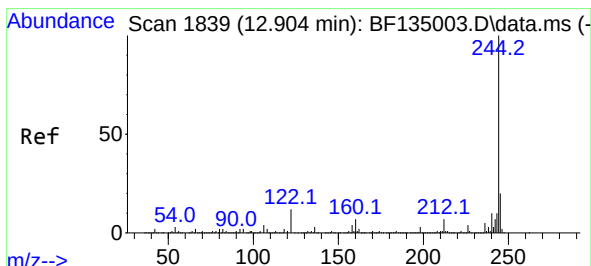
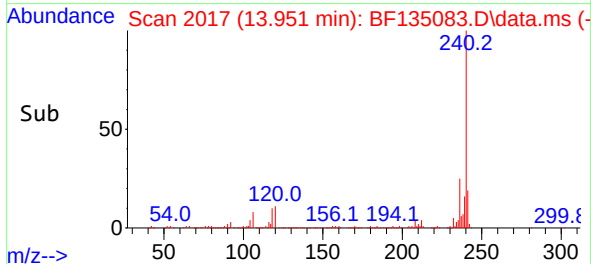
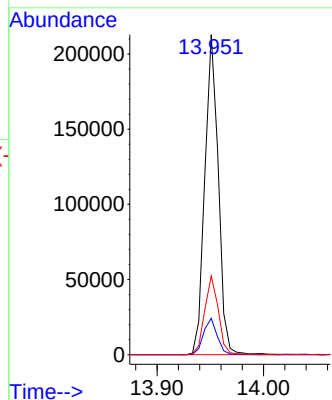
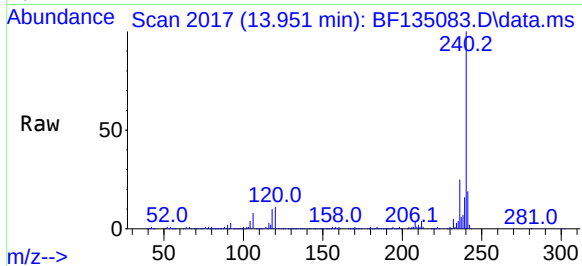




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF135083.D
Acq: 01 Sep 2023 18:46

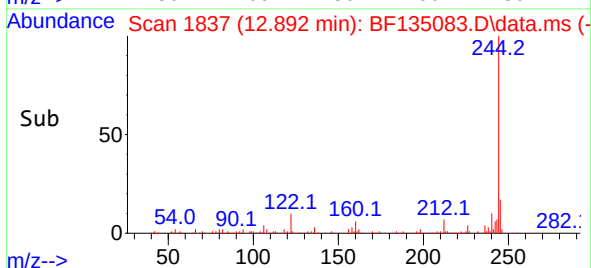
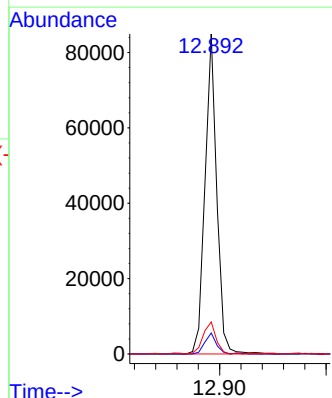
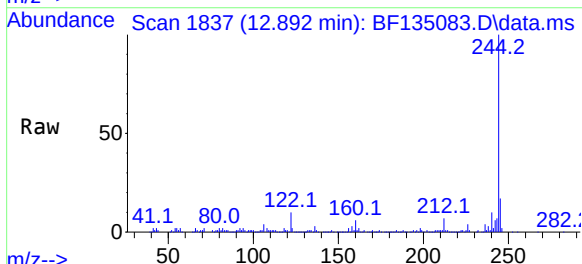
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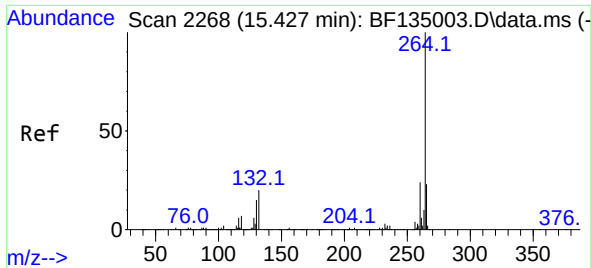
Tgt Ion:240 Resp: 188389
Ion Ratio Lower Upper
240 100
120 11.3 10.2 15.2
236 24.6 21.3 31.9



#79
Terphenyl-d14
Concen: 5.651 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF135083.D
Acq: 01 Sep 2023 18:46

Tgt Ion:244 Resp: 65238
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.0 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135083.D
 Acq: 01 Sep 2023 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(16-18)DL

Tgt Ion:264 Resp: 203057
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 20.1 18.2 27.2

