

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135133.D
 Acq On : 07 Sep 2023 14:26
 Operator : CG\JU
 Sample : 04283-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Sep 07 17:17:41 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	104286	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	422441	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	213552	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	369525	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	189758	20.000	ng	0.00
86) Perylene-d12	15.427	264	208239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	509856	75.517	ng	0.00
7) Phenol-d6	6.410	99	611964	72.720	ng	0.00
23) Nitrobenzene-d5	7.334	82	384046	51.075	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	162200	71.601	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	704285	53.694	ng	-0.01
79) Terphenyl-d14	12.898	244	636883	54.771	ng	0.00

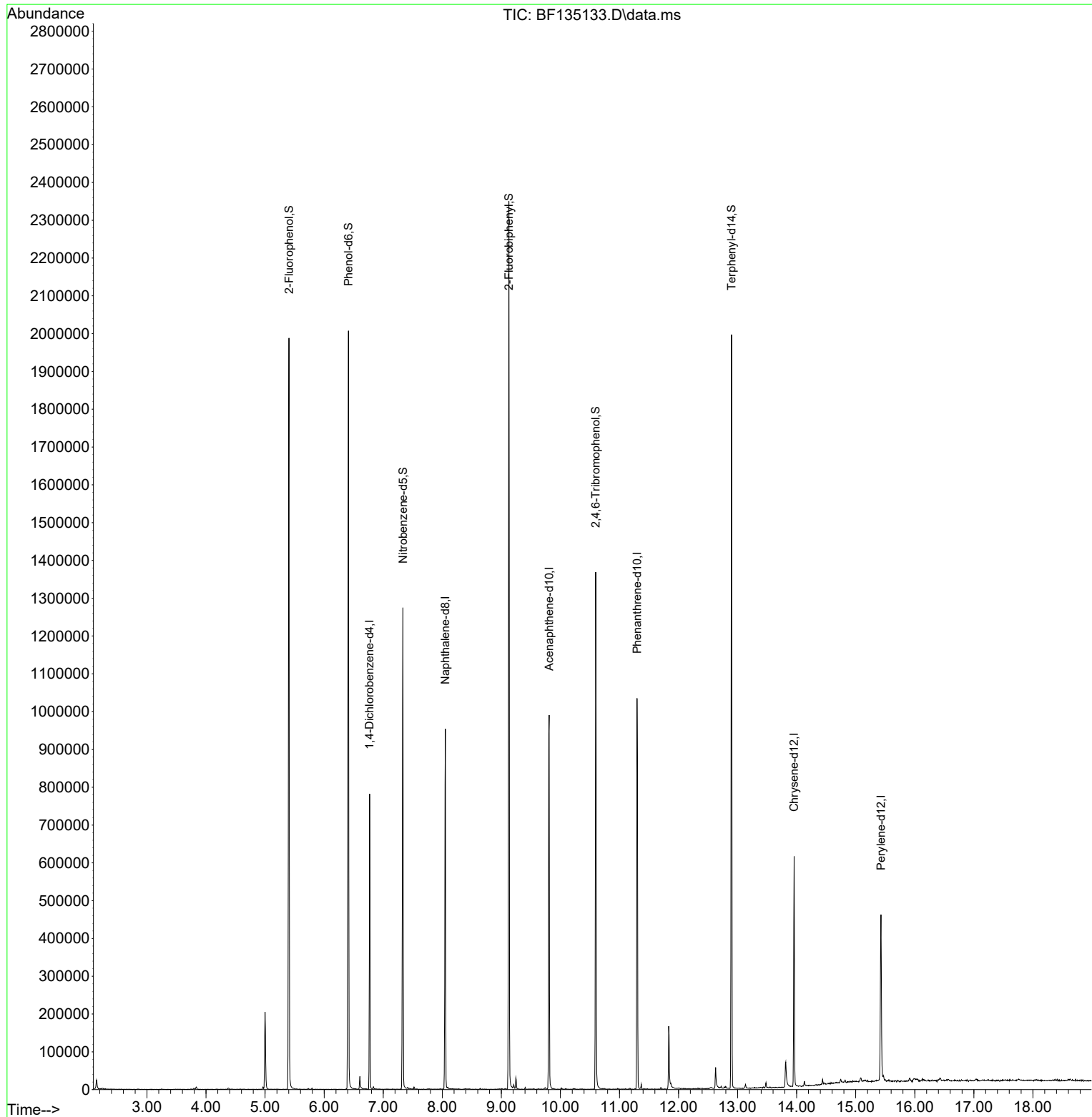
Target Compounds	Qvalue

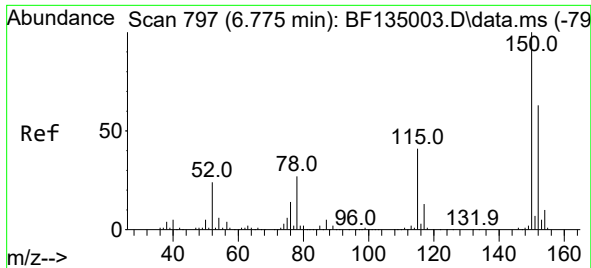
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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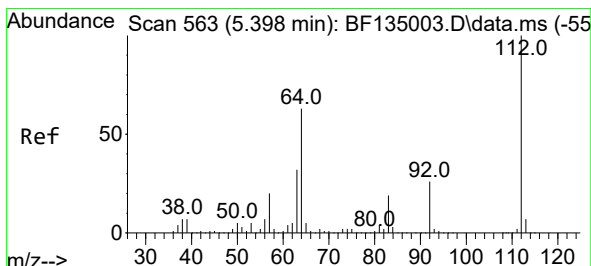
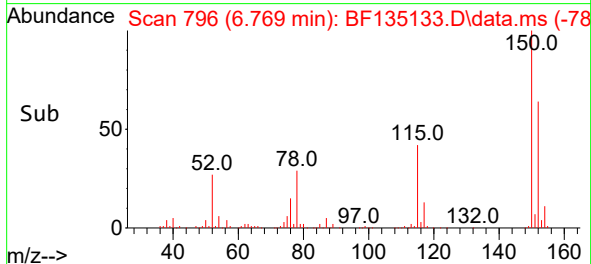
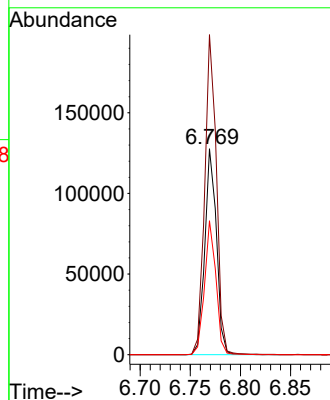
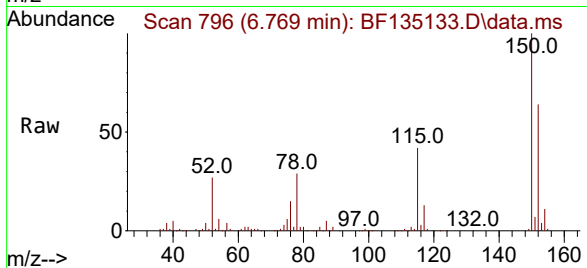




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135133.D
Acq: 07 Sep 2023 14:26

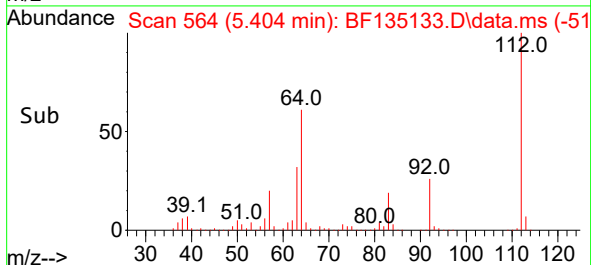
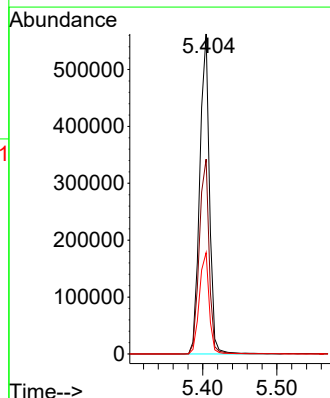
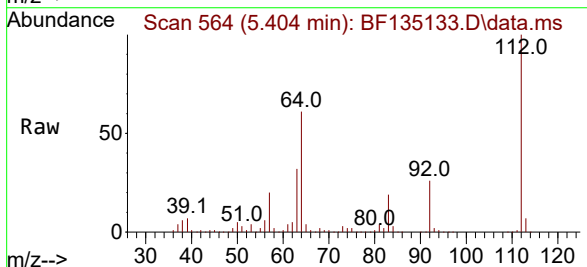
Instrument :
BNA_F
ClientSampleId :
SB-3

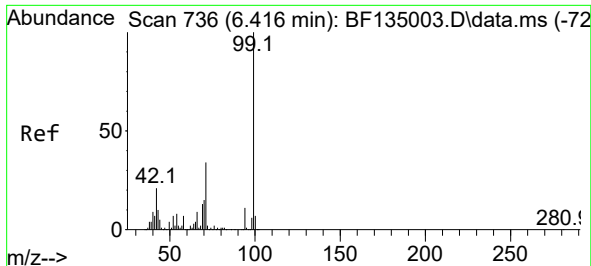
Tgt Ion:152 Resp: 104286
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.4
115 65.1 51.2 76.8



#5
2-Fluorophenol
Concen: 75.517 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135133.D
Acq: 07 Sep 2023 14:26

Tgt Ion:112 Resp: 509856
Ion Ratio Lower Upper
112 100
64 60.9 50.5 75.7
63 31.6 25.9 38.9





#7
Phenol-d6
Concen: 72.720 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135133.D
Acq: 07 Sep 2023 14:26

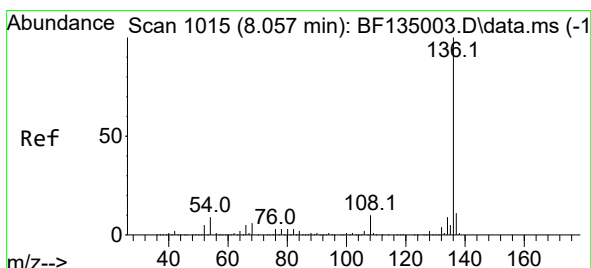
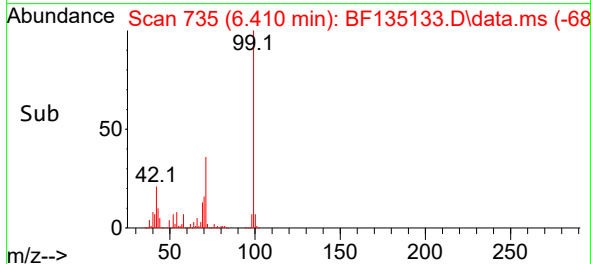
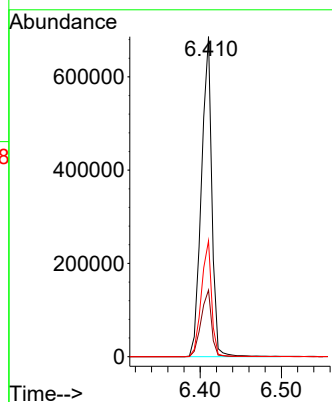
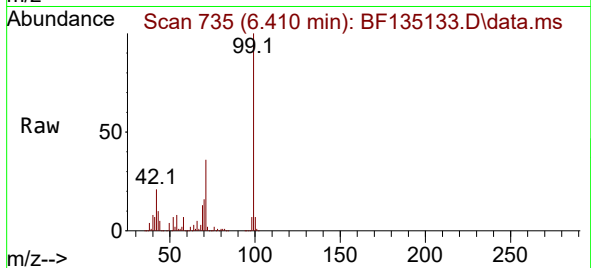
Instrument :

BNA_F

ClientSampleId :

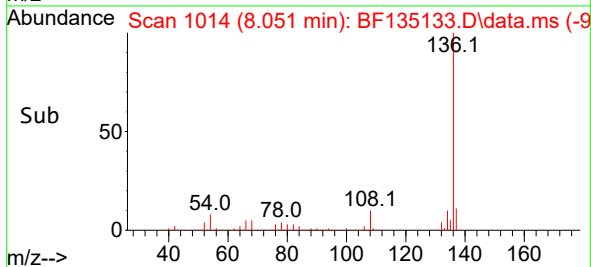
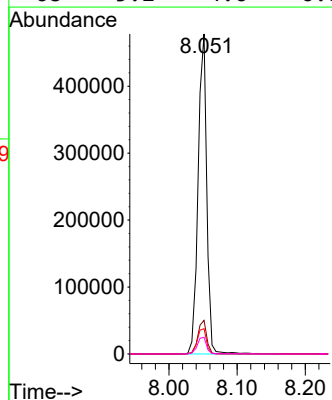
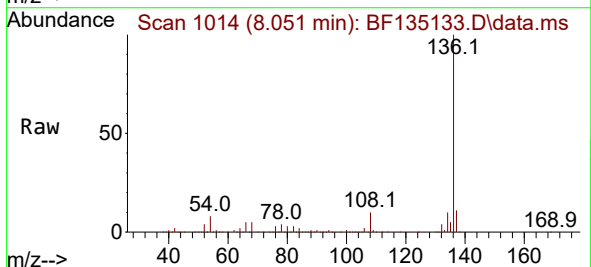
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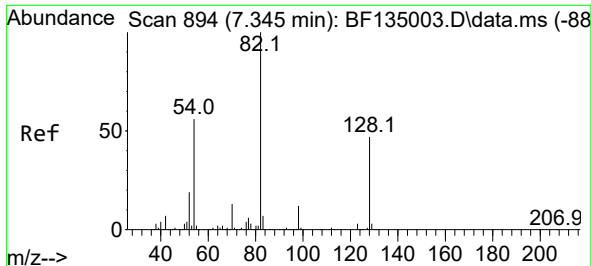
Tgt Ion: 99 Resp: 611964
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 36.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135133.D
Acq: 07 Sep 2023 14:26

Tgt Ion: 136 Resp: 422441
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 7.0 10.4
68 5.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 51.075 ng

RT: 7.334 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF135133.D

Acq: 07 Sep 2023 14:26

Instrument :

BNA_F

ClientSampleId :

SB-3

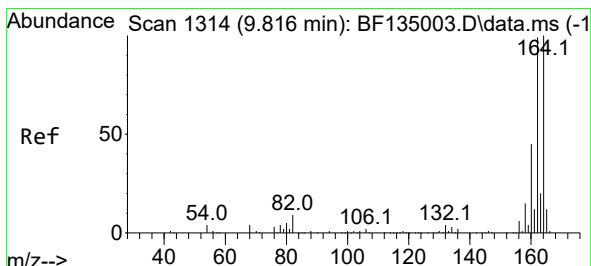
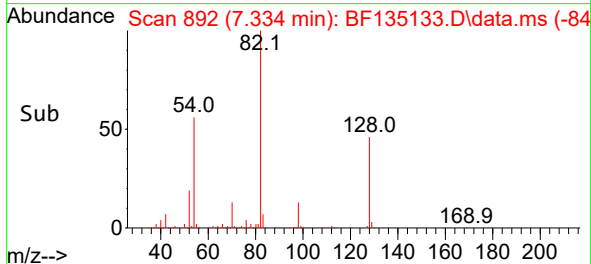
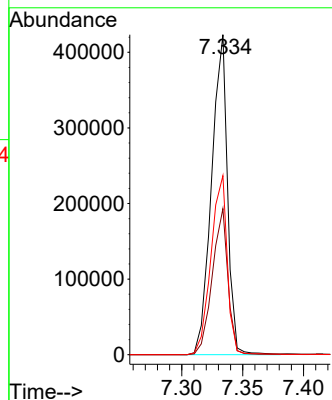
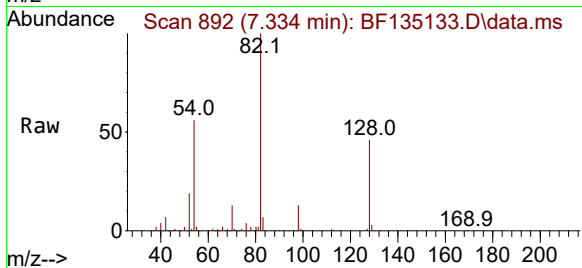
Tgt Ion: 82 Resp: 384046

Ion Ratio Lower Upper

82 100

128 45.6 37.8 56.8

54 55.9 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF135133.D

Acq: 07 Sep 2023 14:26

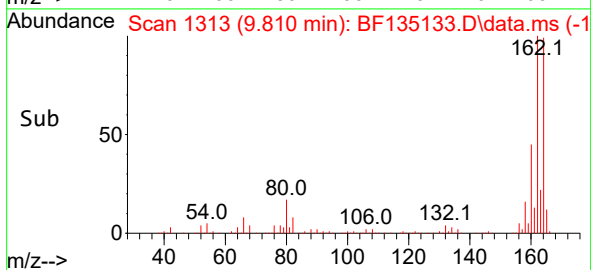
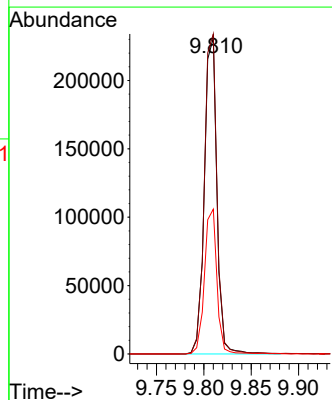
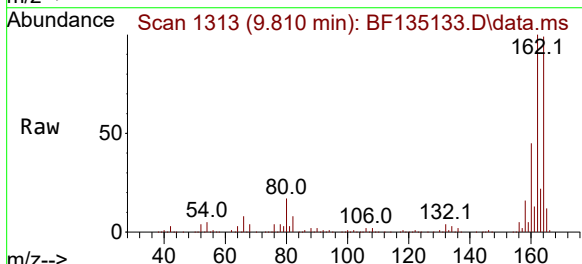
Tgt Ion:164 Resp: 213552

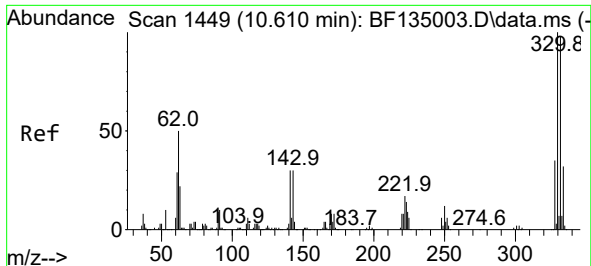
Ion Ratio Lower Upper

164 100

162 101.3 79.5 119.3

160 45.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 71.601 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135133.D

Acq: 07 Sep 2023 14:26

Instrument :

BNA_F

ClientSampleId :

SB-3

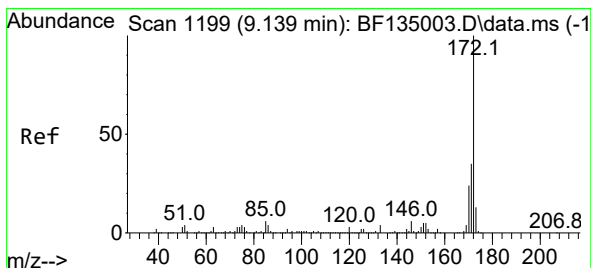
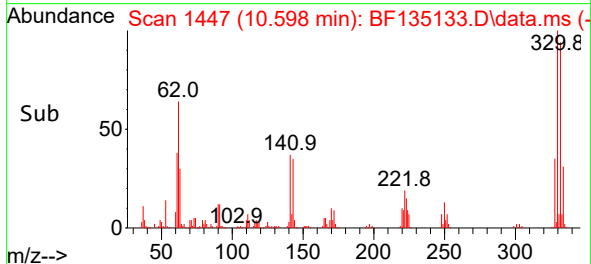
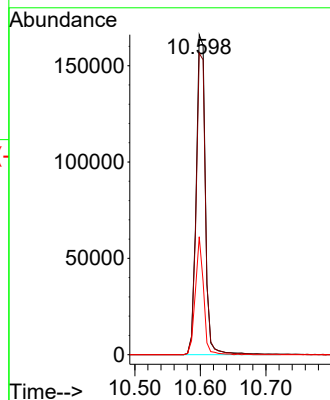
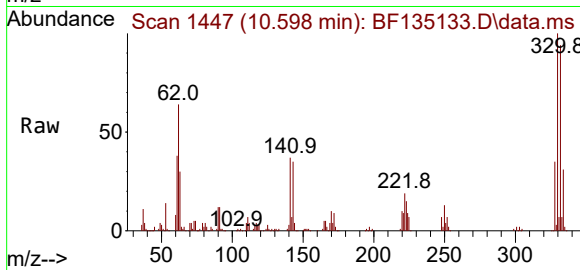
Tgt Ion:330 Resp: 162200

Ion Ratio Lower Upper

330 100

332 95.5 77.6 116.4

141 32.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 53.694 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135133.D

Acq: 07 Sep 2023 14:26

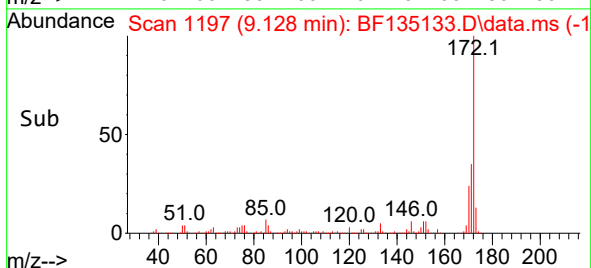
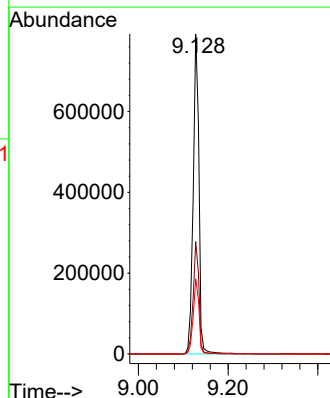
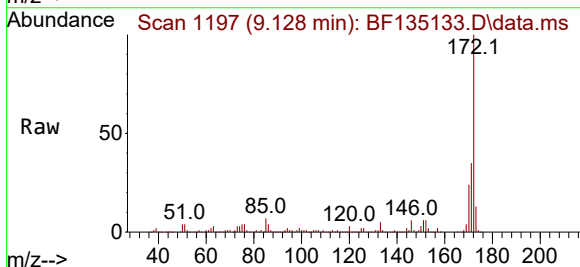
Tgt Ion:172 Resp: 704285

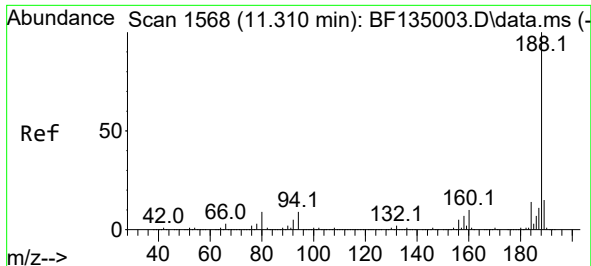
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.5 19.0 28.4

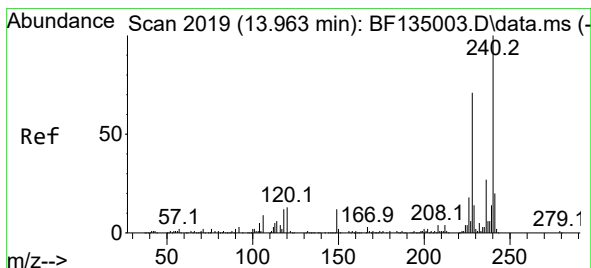
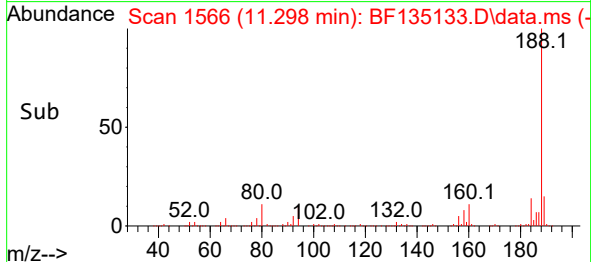
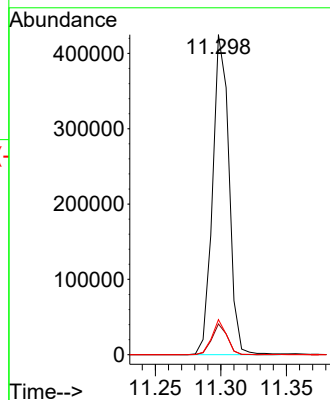
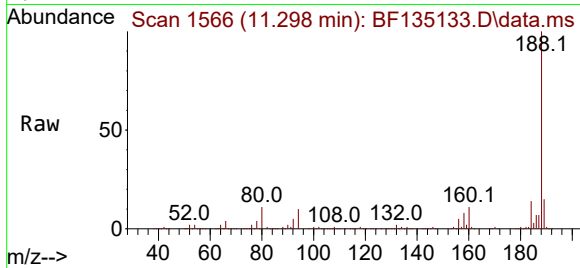




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135133.D
Acq: 07 Sep 2023 14:26

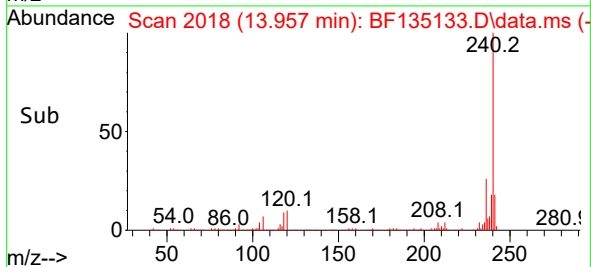
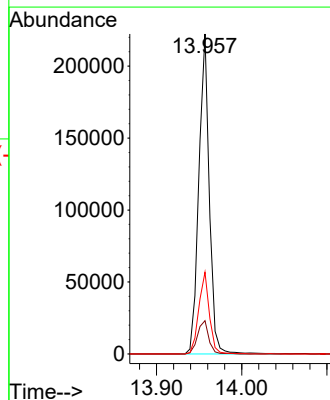
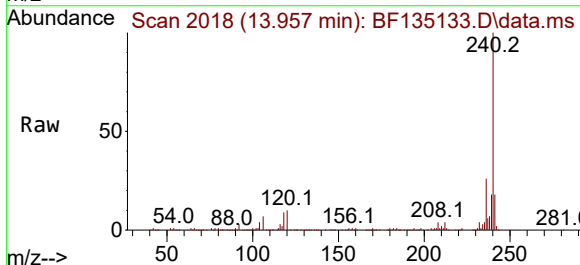
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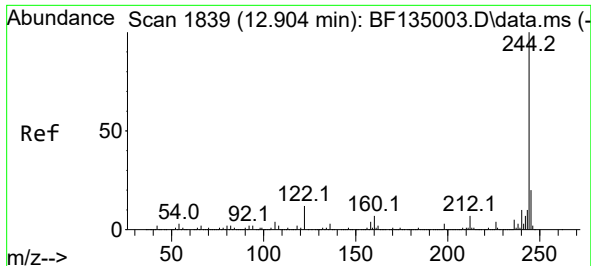
Tgt Ion:188 Resp: 369525
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 11.0 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135133.D
Acq: 07 Sep 2023 14:26

Tgt Ion:240 Resp: 189758
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.2
236 25.6 21.3 31.9

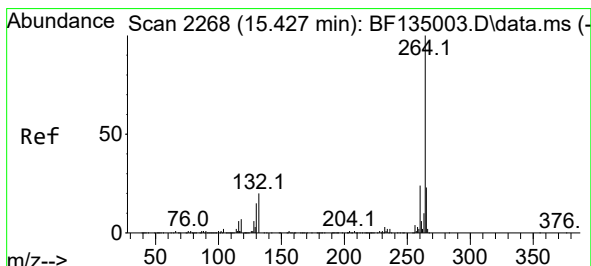
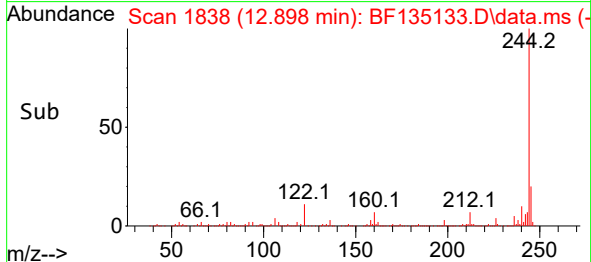
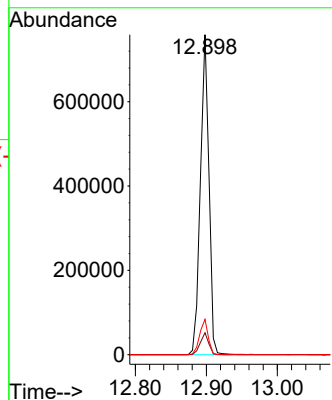
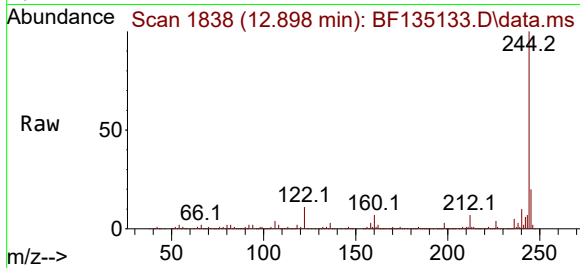




#79
 Terphenyl-d14
 Concen: 54.771 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135133.D
 Acq: 07 Sep 2023 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Tgt Ion:244 Resp: 636883
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF135133.D
 Acq: 07 Sep 2023 14:26

Tgt Ion:264 Resp: 208239
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 20.8 18.2 27.2

