

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135042.D
 Acq On : 31 Aug 2023 15:24
 Operator : CG\JU
 Sample : PB155118BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155118BL

Quant Time: Aug 31 16:11:01 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	118170	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	499044	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	264323	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	506679	20.000	ng	0.00
76) Chrysene-d12	13.957	240	372860	20.000	ng	0.00
86) Perylene-d12	15.427	264	300892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1037311	135.588	ng	0.01
7) Phenol-d6	6.416	99	1263487	132.500	ng	0.00
23) Nitrobenzene-d5	7.340	82	810589	91.253	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	374939	133.720	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1440795	88.746	ng	0.00
79) Terphenyl-d14	12.910	244	1710828	74.878	ng	0.00

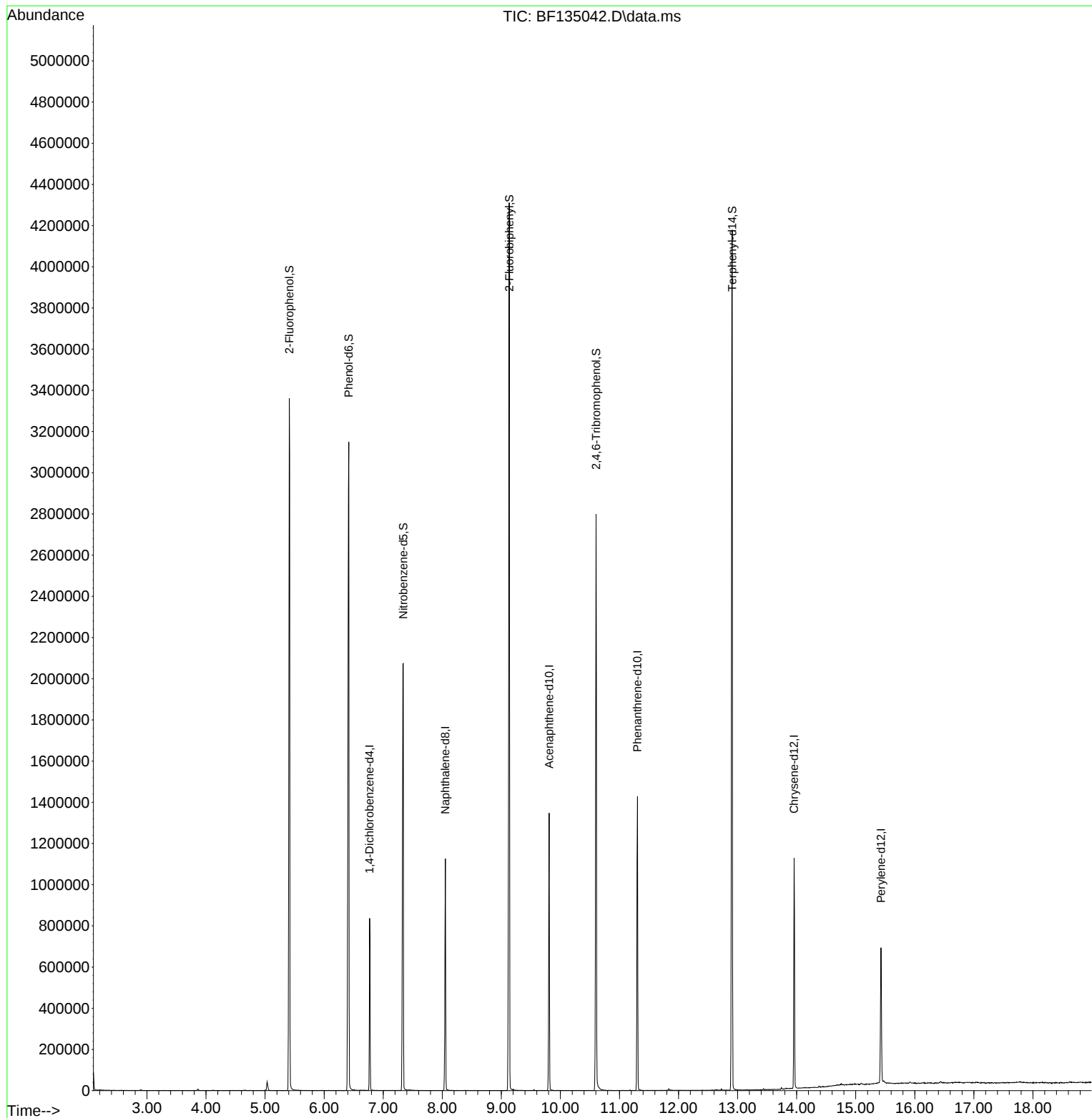
Target Compounds	Qvalue

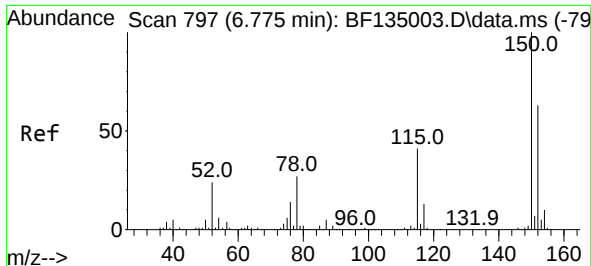
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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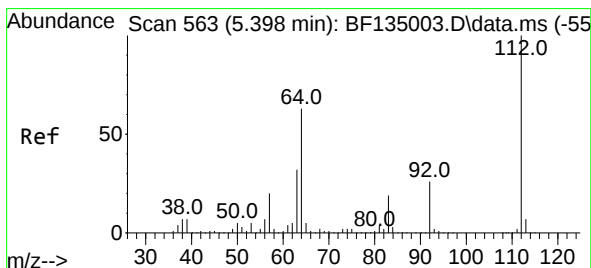
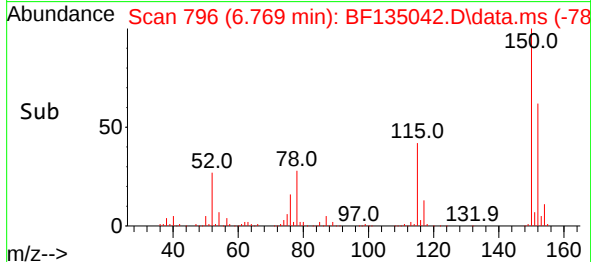
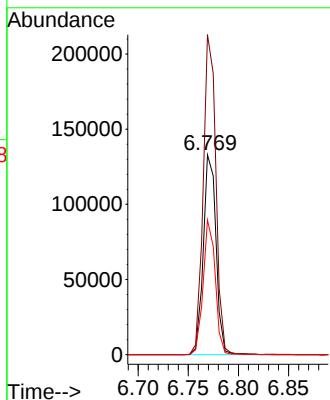
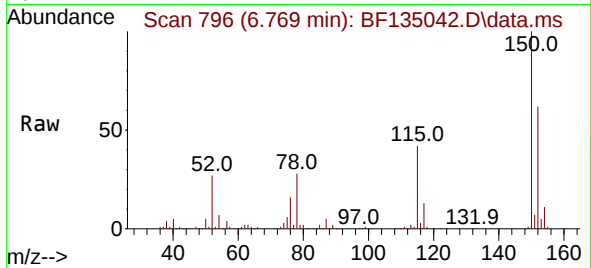




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135042.D
Acq: 31 Aug 2023 15:24

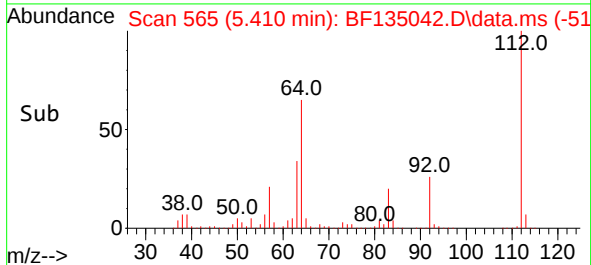
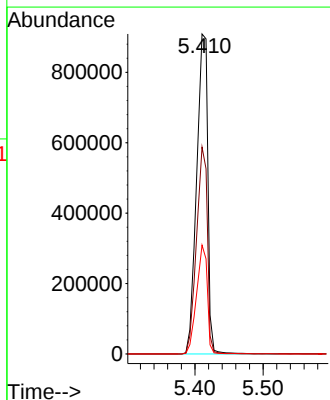
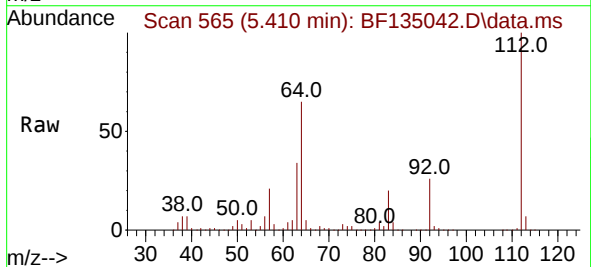
Instrument :
BNA_F
ClientSampleId :
PB155118BL

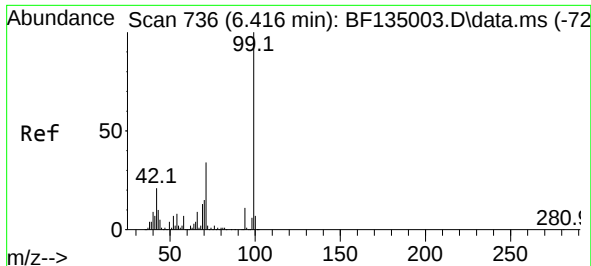
Tgt Ion:152 Resp: 118170
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.4
115 67.4 51.2 76.8



#5
2-Fluorophenol
Concen: 135.588 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135042.D
Acq: 31 Aug 2023 15:24

Tgt Ion:112 Resp: 1037311
Ion Ratio Lower Upper
112 100
64 64.6 50.5 75.7
63 34.0 25.9 38.9

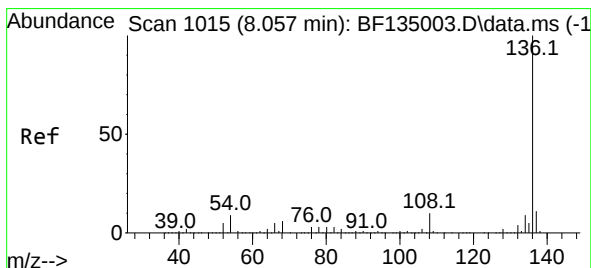
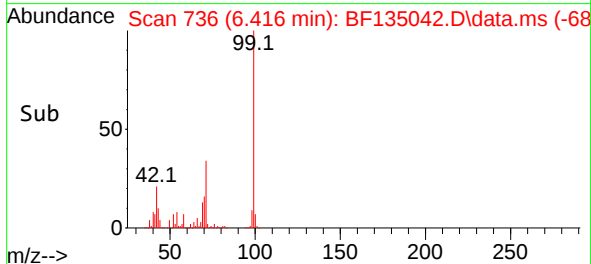
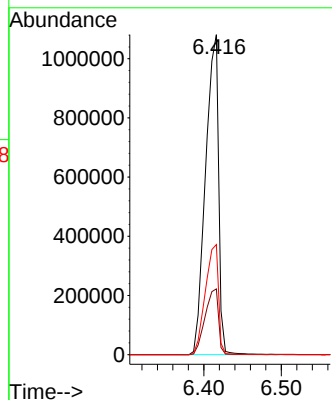
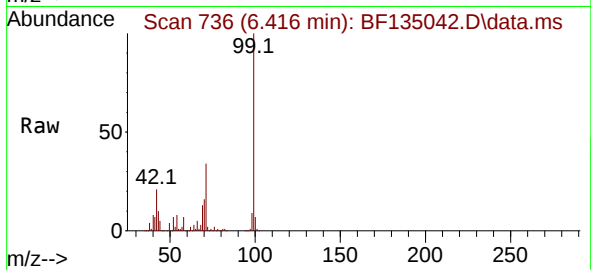




#7
Phenol-d6
Concen: 132.500 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135042.D
Acq: 31 Aug 2023 15:24

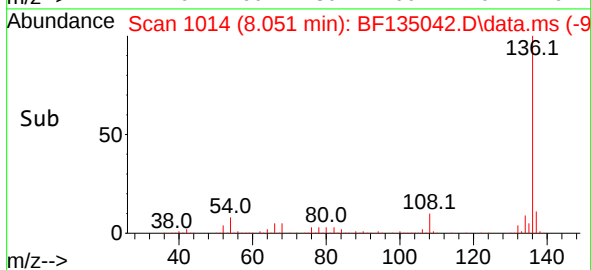
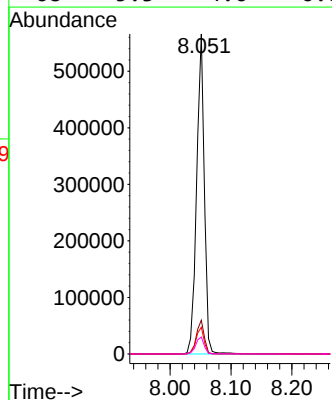
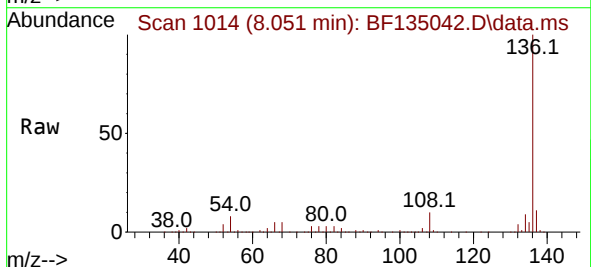
Instrument :
BNA_F
ClientSampleId :
PB155118BL

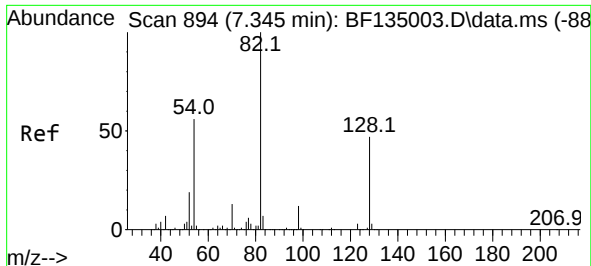
Tgt Ion: 99 Resp: 1263487
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 34.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135042.D
Acq: 31 Aug 2023 15:24

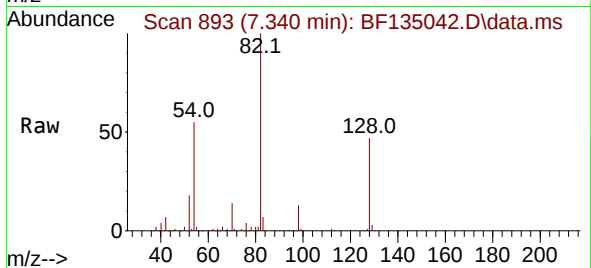
Tgt Ion:136 Resp: 499044
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.4 7.0 10.4
68 5.3 4.6 6.8



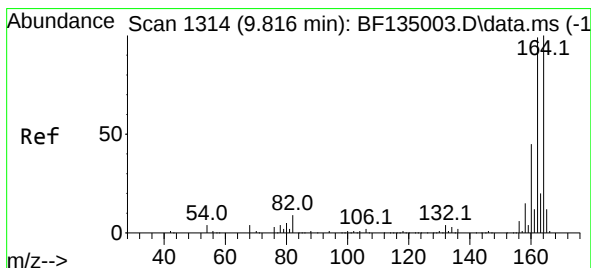
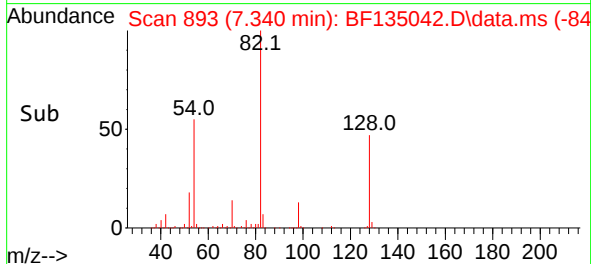
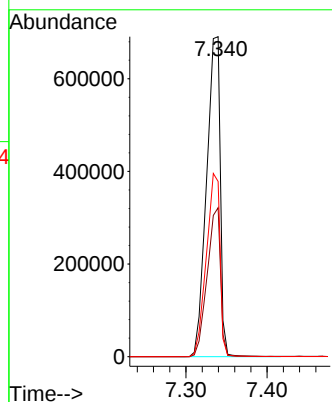


#23
Nitrobenzene-d5
Concen: 91.253 ng
RT: 7.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135042.D
Acq: 31 Aug 2023 15:24

Instrument :
BNA_F
ClientSampleId :
PB155118BL

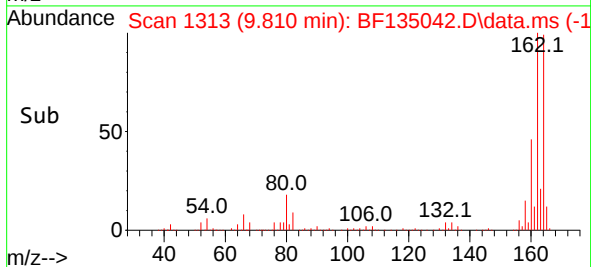
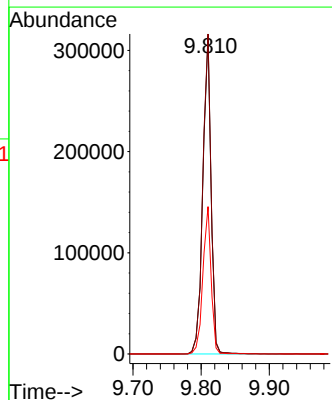
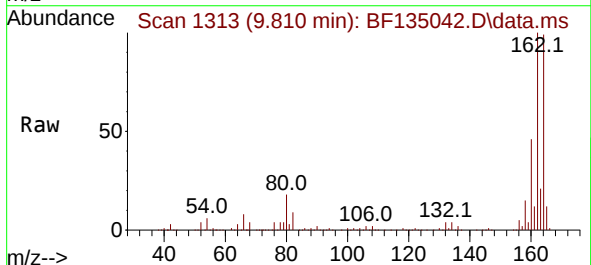


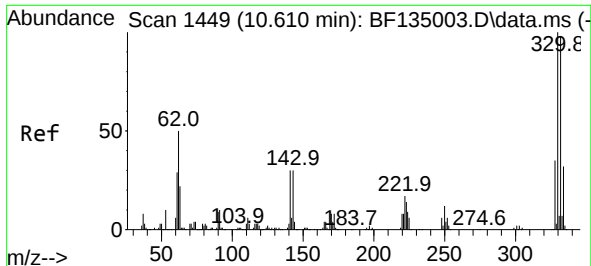
Tgt Ion: 82 Resp: 810589
Ion Ratio Lower Upper
82 100
128 46.5 37.8 56.8
54 54.7 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135042.D
Acq: 31 Aug 2023 15:24

Tgt Ion: 164 Resp: 264323
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 46.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 133.720 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135042.D

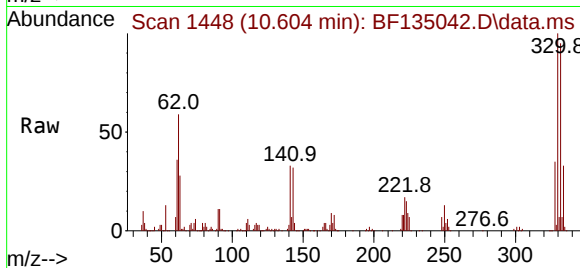
Acq: 31 Aug 2023 15:24

Instrument :

BNA_F

ClientSampleId :

PB155118BL



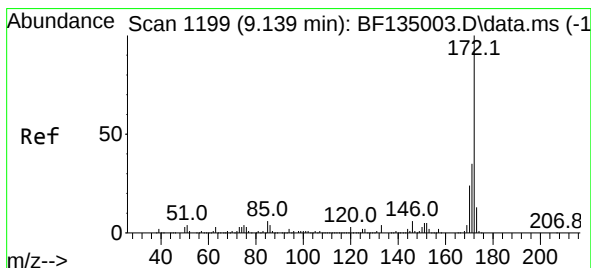
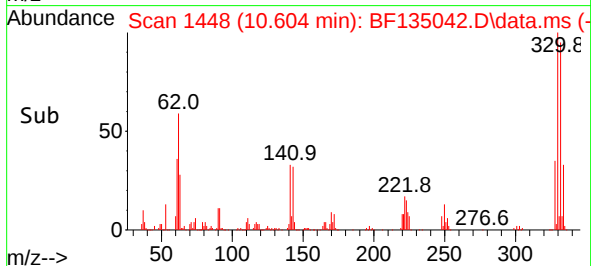
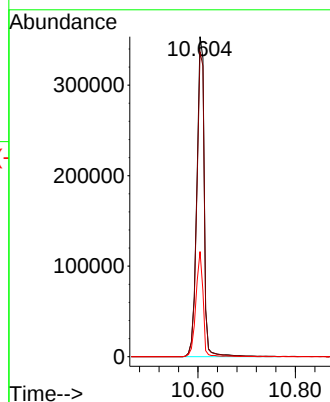
Tgt Ion:330 Resp: 374939

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 31.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 88.746 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135042.D

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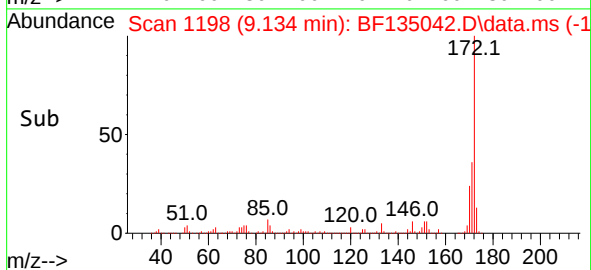
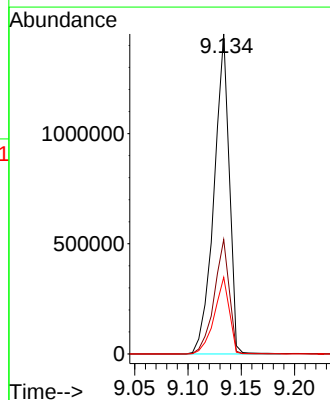
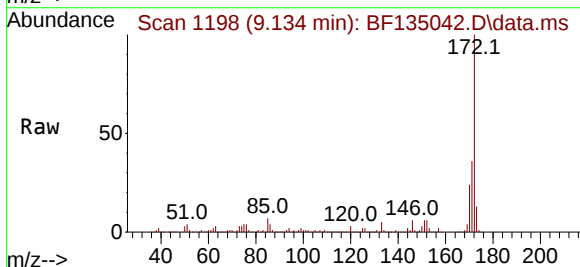
Tgt Ion:172 Resp: 1440795

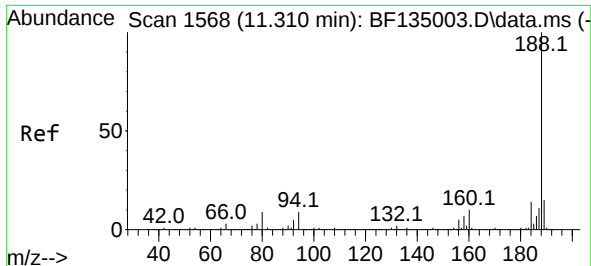
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 24.0 19.0 28.4

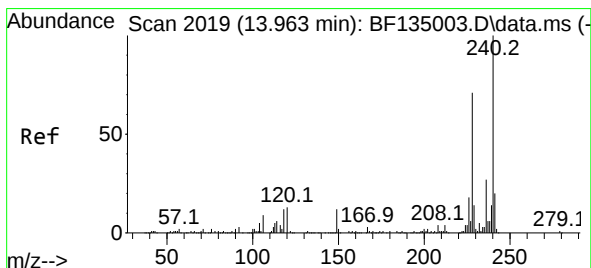
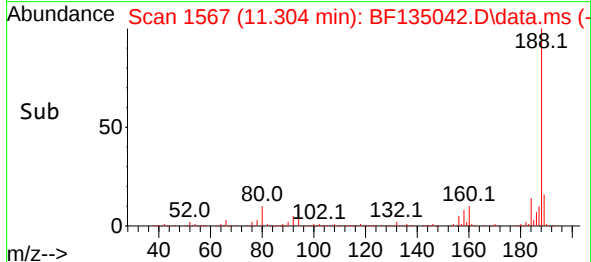
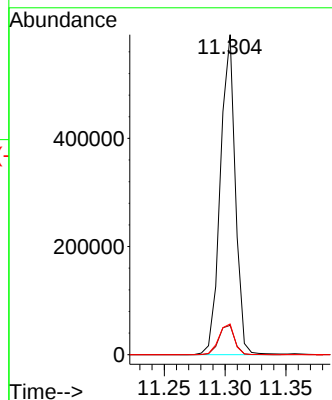
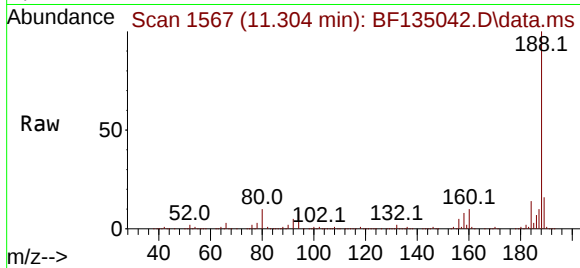




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135042.D
Acq: 31 Aug 2023 15:24

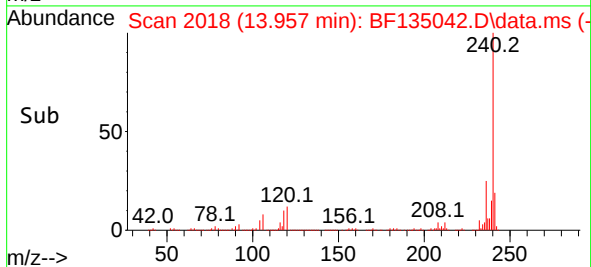
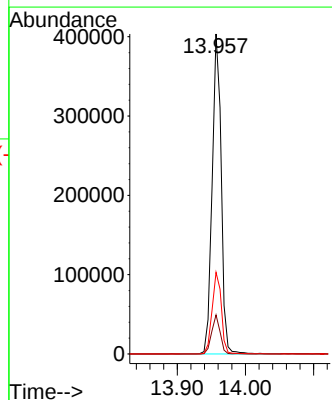
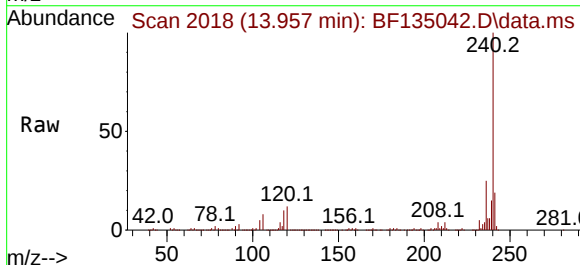
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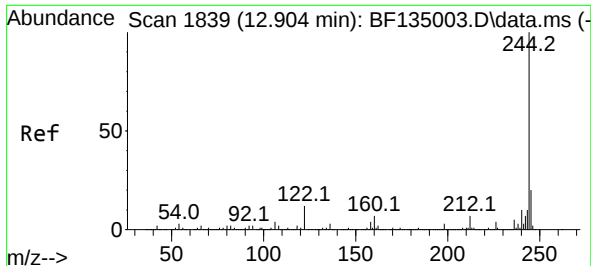
Tgt Ion:188 Resp: 506679
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.6 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135042.D
Acq: 31 Aug 2023 15:24

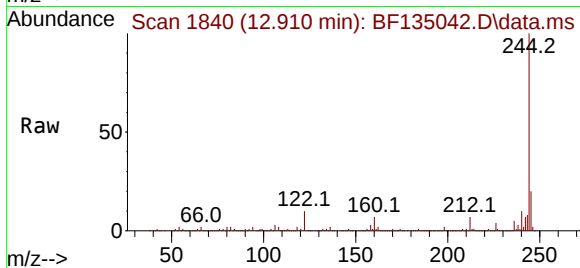
Tgt Ion:240 Resp: 372860
Ion Ratio Lower Upper
240 100
120 12.2 10.2 15.2
236 25.5 21.3 31.9





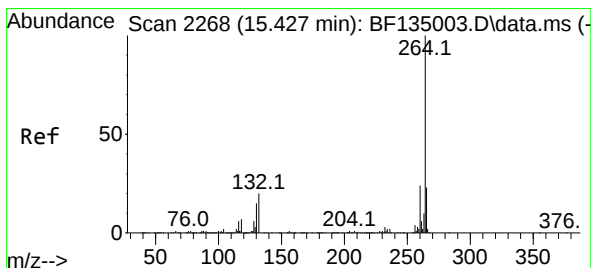
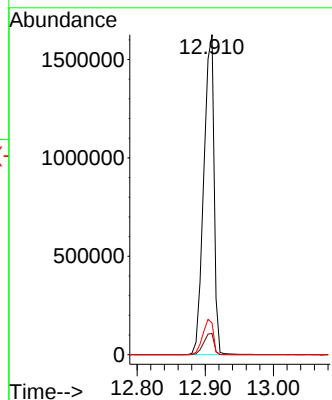
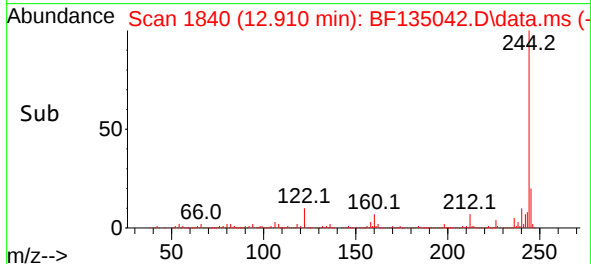
#79
 Terphenyl-d14
 Concen: 74.878 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF135042.D
 Acq: 31 Aug 2023 15:24

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1710828

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	9.9	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: BF135042.D
 Acq: 31 Aug 2023 15:24

Tgt Ion:264 Resp: 300892

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	20.5	18.2	27.2

