

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135039.D
 Acq On : 31 Aug 2023 13:48
 Operator : CG\JU
 Sample : PB155152TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155152TB

Quant Time: Sep 01 02:59:48 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	6.775	152	134136	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	546701	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	289499	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	554346	20.000	ng	0.00
76) Chrysene-d12	13.963	240	406210	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	352016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1115748	128.482	ng	0.02
7) Phenol-d6	6.416	99	1372869	126.834	ng	0.00
23) Nitrobenzene-d5	7.339	82	871670	89.575	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	401674	130.797	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1550211	87.182	ng	0.00
79) Terphenyl-d14	12.910	244	1802695	72.421	ng	0.00

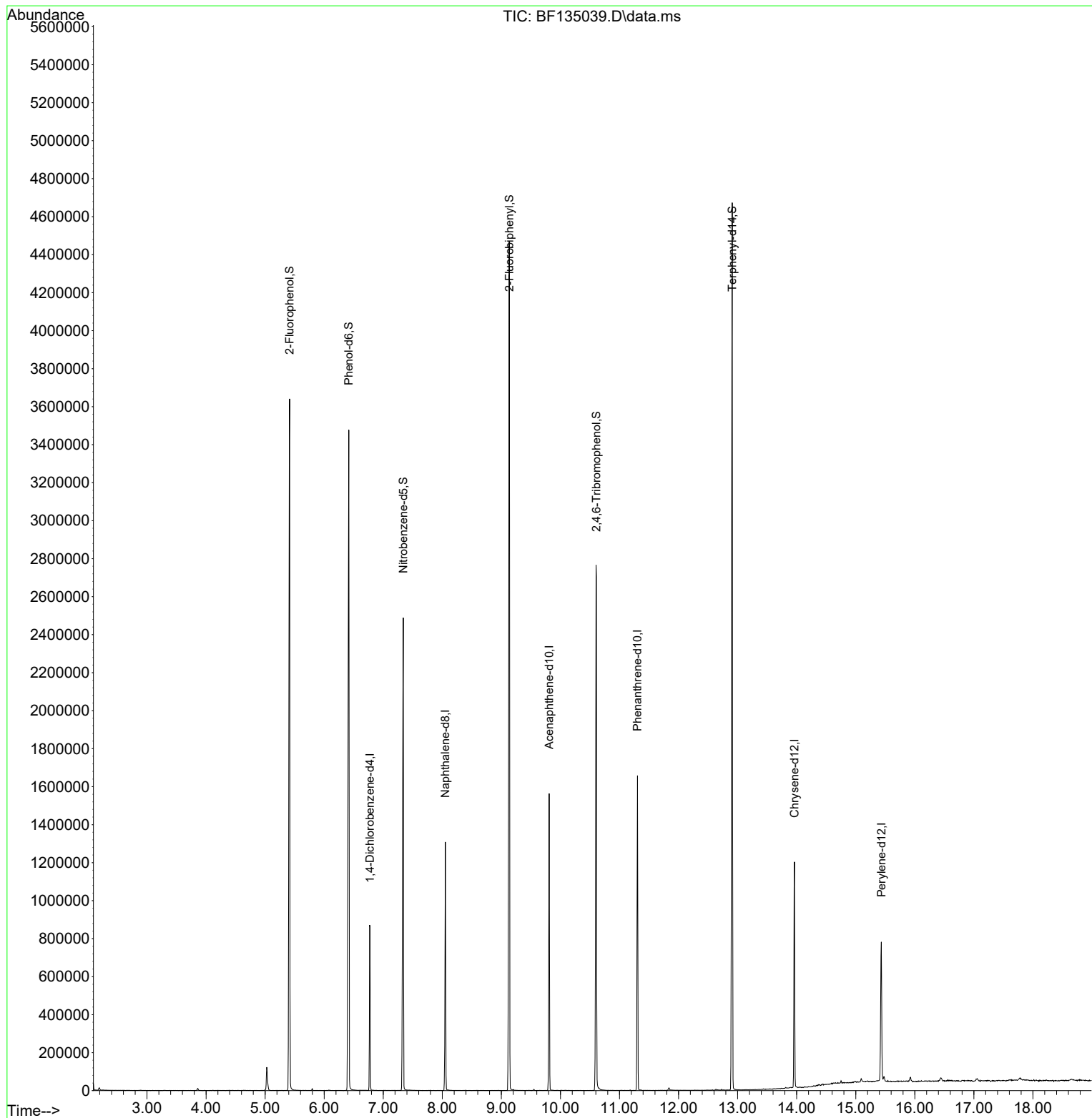
Target Compounds	Qvalue

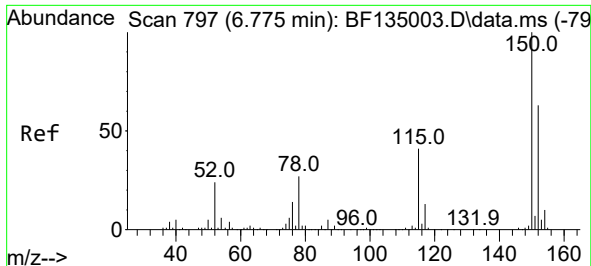
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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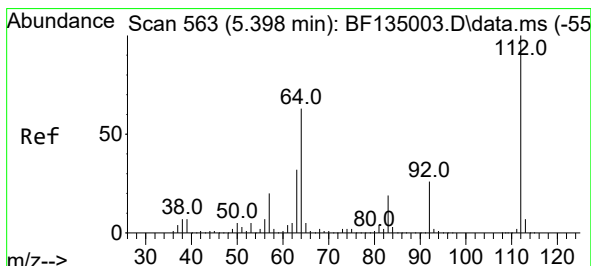
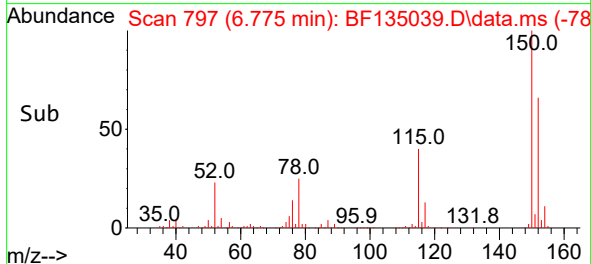
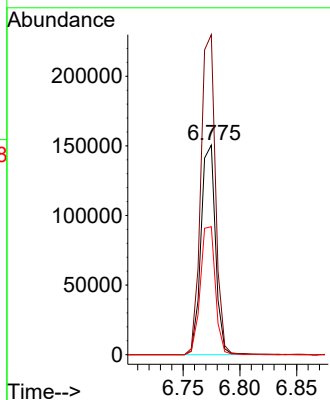
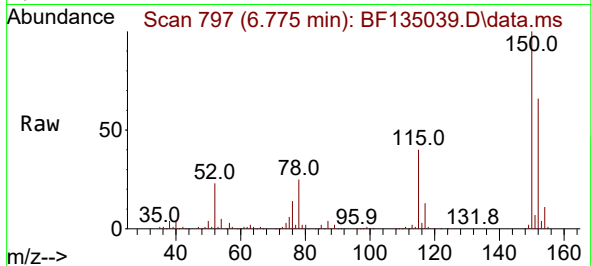




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF135039.D
Acq: 31 Aug 2023 13:48

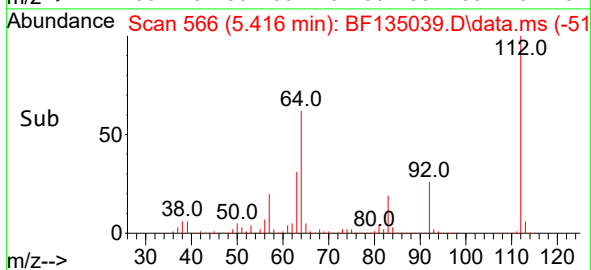
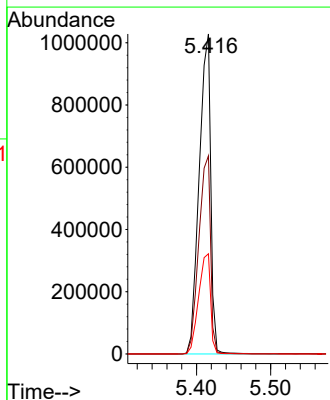
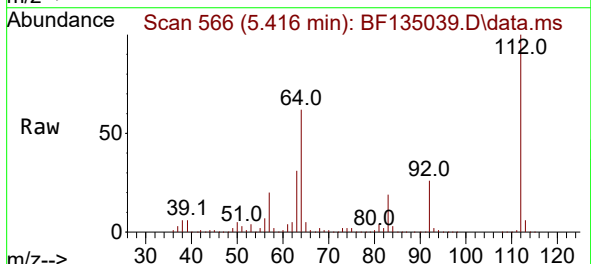
Instrument :
BNA_F
ClientSampleId :
PB155152TB

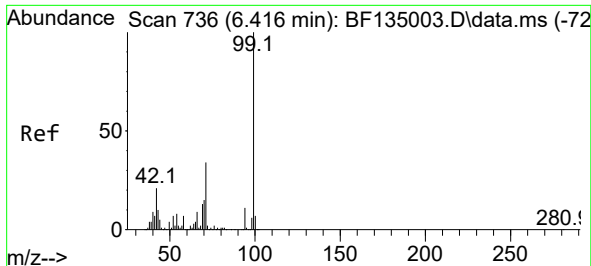
Tgt Ion:152 Resp: 134136
Ion Ratio Lower Upper
152 100
150 152.7 126.2 189.4
115 61.1 51.2 76.8



#5
2-Fluorophenol
Concen: 128.482 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135039.D
Acq: 31 Aug 2023 13:48

Tgt Ion:112 Resp: 1115748
Ion Ratio Lower Upper
112 100
64 61.9 50.5 75.7
63 31.3 25.9 38.9

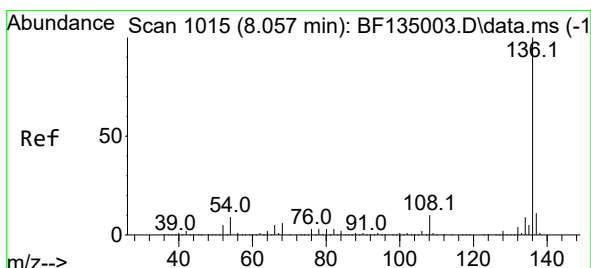
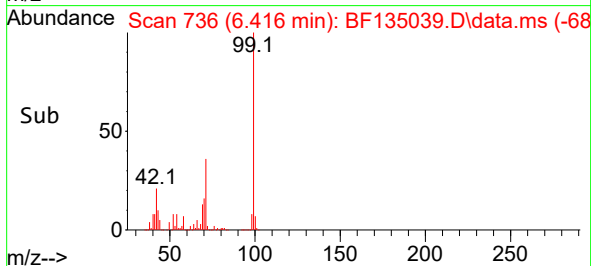
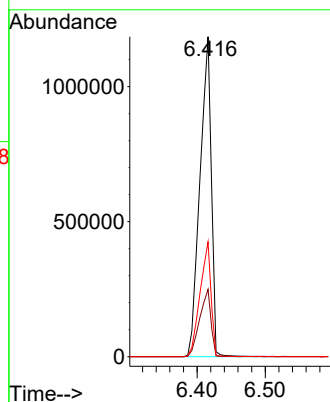
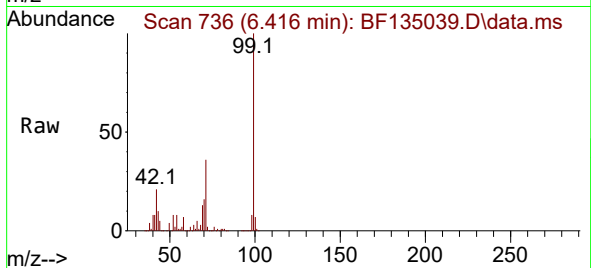




#7
Phenol-d6
Concen: 126.834 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135039.D
Acq: 31 Aug 2023 13:48

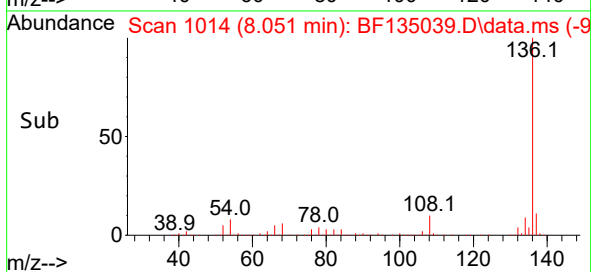
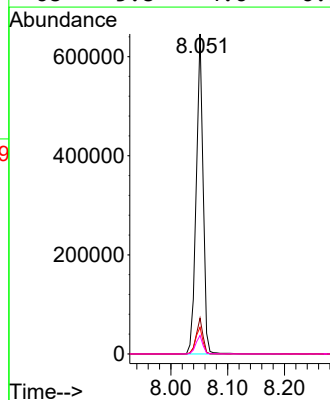
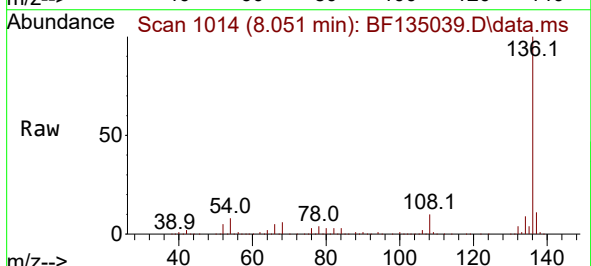
Instrument :
BNA_F
ClientSampleId :
PB155152TB

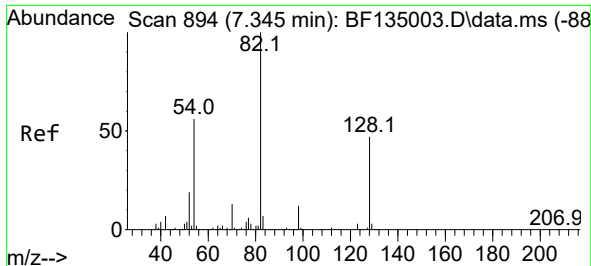
Tgt Ion: 99 Resp: 1372869
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 35.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135039.D
Acq: 31 Aug 2023 13:48

Tgt Ion:136 Resp: 546701
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.4 7.0 10.4
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 89.575 ng

RT: 7.339 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135039.D

Acq: 31 Aug 2023 13:48

Instrument :

BNA_F

ClientSampleId :

PB155152TB

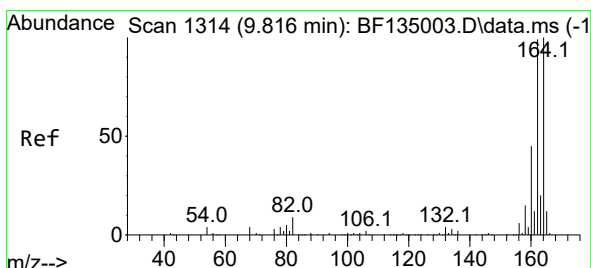
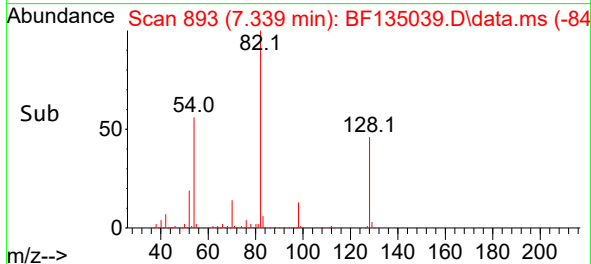
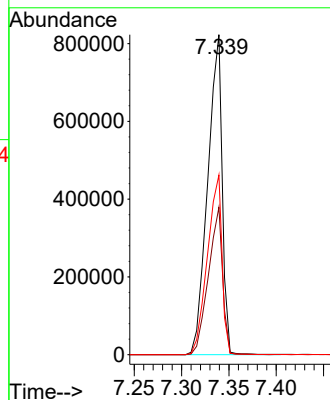
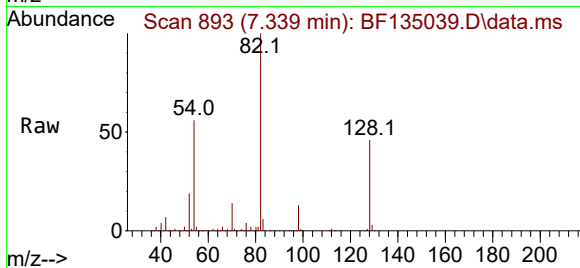
Tgt Ion: 82 Resp: 871670

Ion Ratio Lower Upper

82 100

128 46.0 37.8 56.8

54 56.1 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: BF135039.D

Acq: 31 Aug 2023 13:48

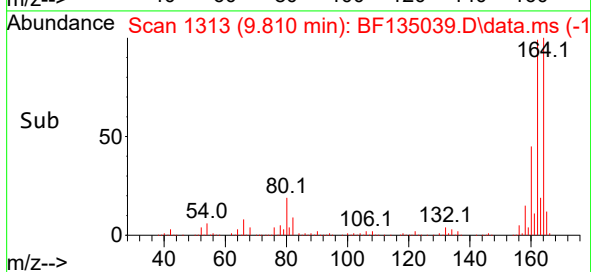
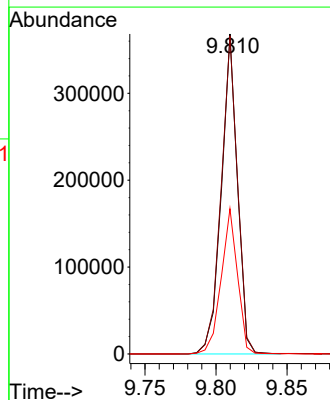
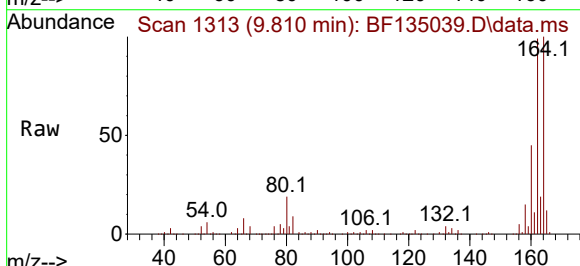
Tgt Ion:164 Resp: 289499

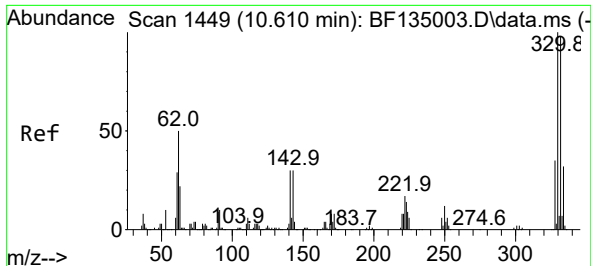
Ion Ratio Lower Upper

164 100

162 99.4 79.5 119.3

160 45.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 130.797 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF135039.D

Acq: 31 Aug 2023 13:48

Instrument :

BNA_F

ClientSampleId :

PB155152TB

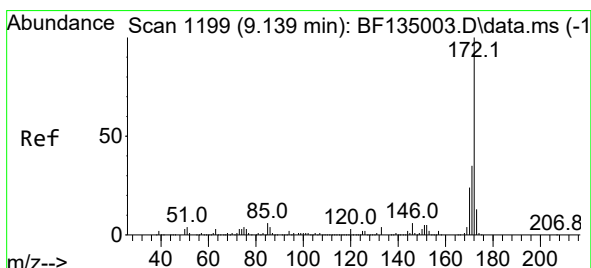
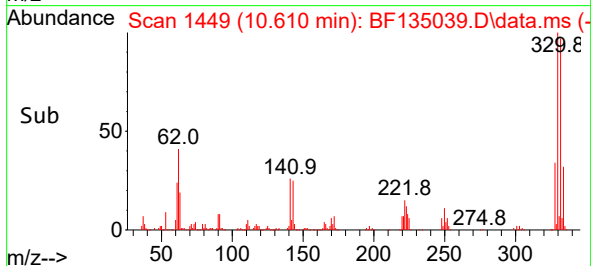
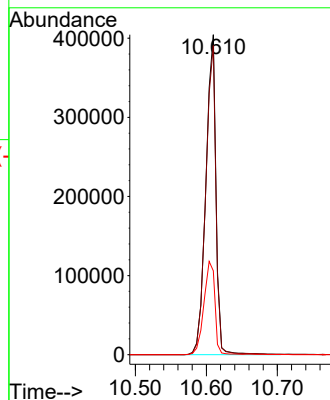
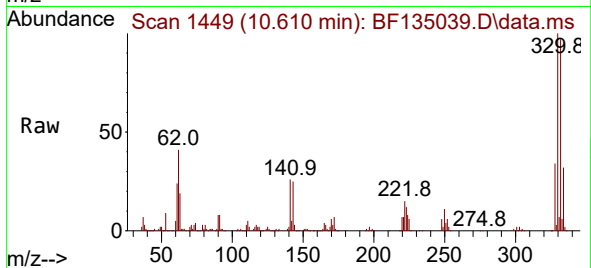
Tgt Ion:330 Resp: 401674

Ion Ratio Lower Upper

330 100

332 97.9 77.6 116.4

141 31.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 87.182 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135039.D

Acq: 31 Aug 2023 13:48

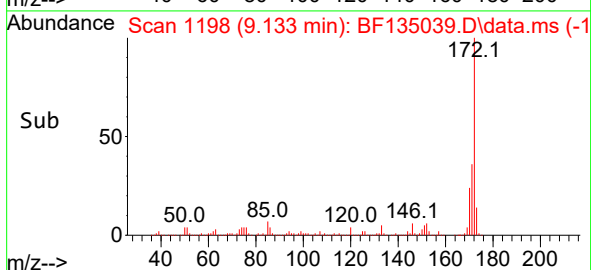
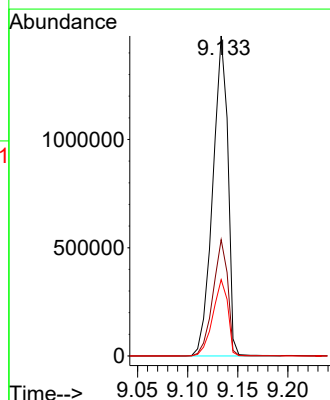
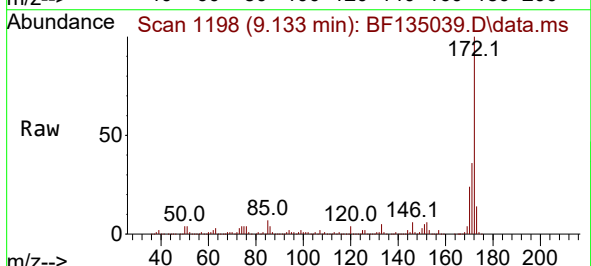
Tgt Ion:172 Resp: 1550211

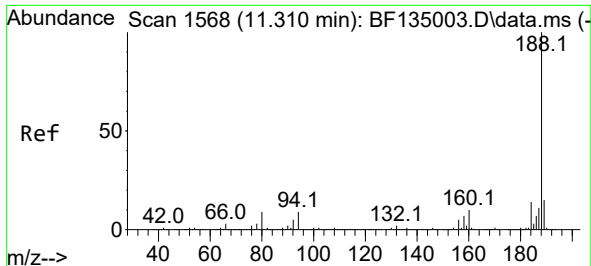
Ion Ratio Lower Upper

172 100

171 36.3 28.2 42.2

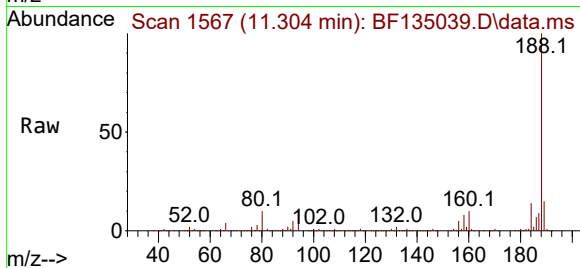
170 23.8 19.0 28.4



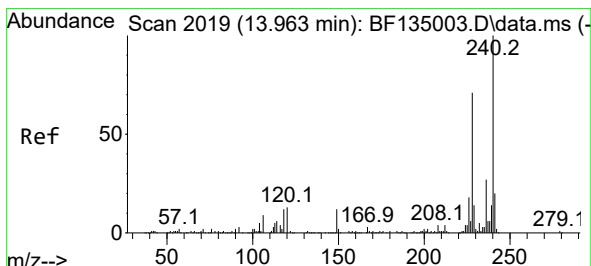
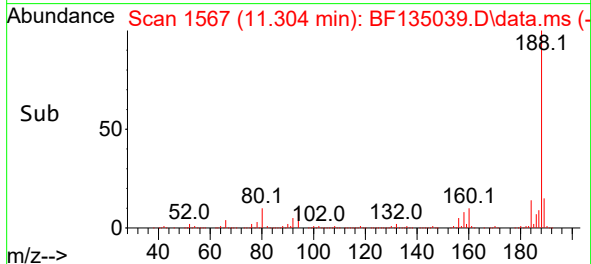
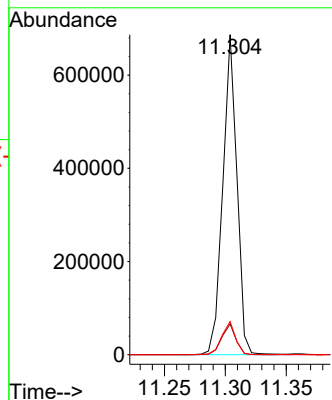


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135039.D
Acq: 31 Aug 2023 13:48

Instrument :
BNA_F
ClientSampleId :
PB155152TB

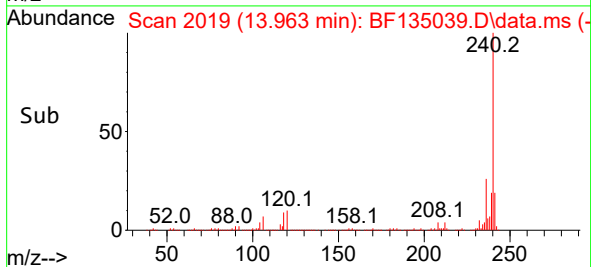
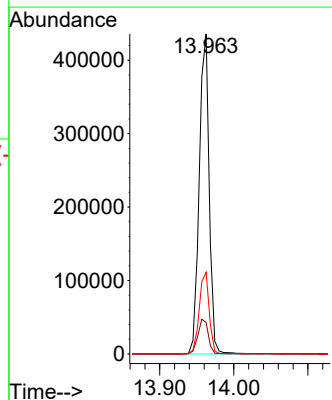
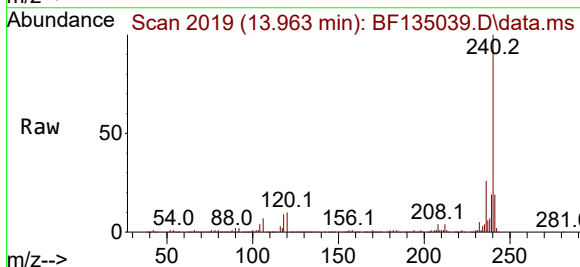


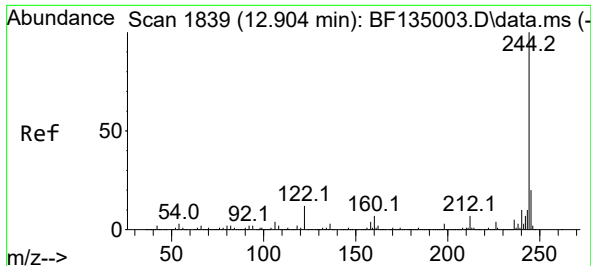
Tgt Ion:188 Resp: 554346
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.3 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF135039.D
Acq: 31 Aug 2023 13:48

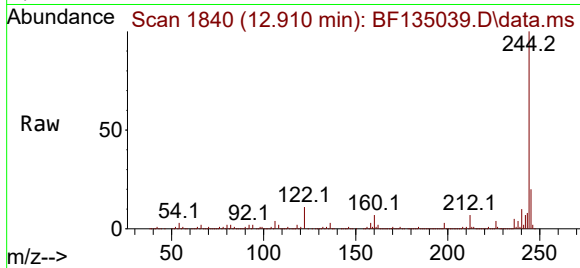
Tgt Ion:240 Resp: 406210
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.2#
236 25.6 21.3 31.9



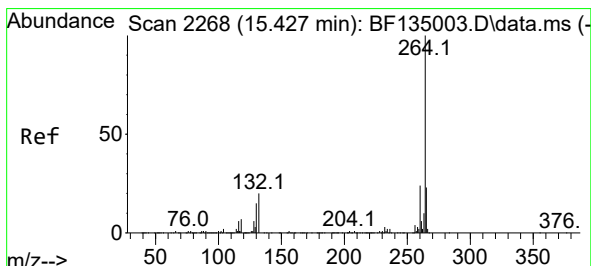
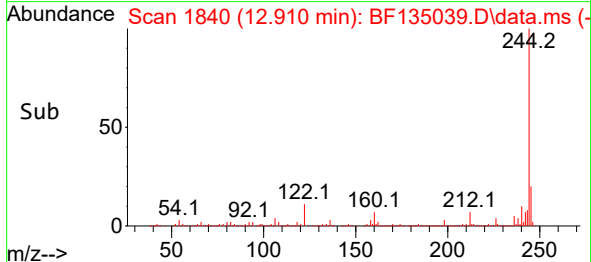
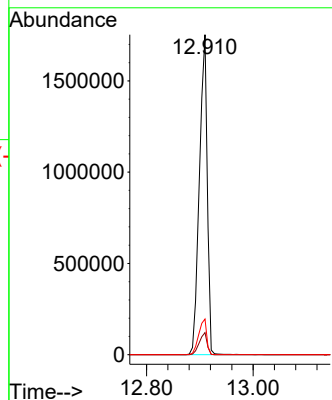


#79
 Terphenyl-d14
 Concen: 72.421 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.006 min
 Lab File: BF135039.D
 Acq: 31 Aug 2023 13:48

Instrument :
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 PB155152TB



Tgt Ion:244 Resp: 1802695
 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: 15.433 min Scan# 2269
 Delta R.T. 0.006 min
 Lab File: BF135039.D
 Acq: 31 Aug 2023 13:48

Tgt Ion:264 Resp: 352016
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.9 18.2 27.2

