

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135402.D
 Acq On : 22 Sep 2023 16:26
 Operator : CG\JU
 Sample : PB155707BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155707BL

Quant Time: Sep 23 04:55:15 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	6.757	152	167576	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	641154	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	315563	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	573569	20.000	ng	0.00
76) Chrysene-d12	13.939	240	315200	20.000	ng	0.00
86) Perylene-d12	15.410	264	279546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1173290	113.876	ng	0.01
7) Phenol-d6	6.404	99	1482186	113.134	ng	0.00
23) Nitrobenzene-d5	7.322	82	943465	79.946	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	312963	99.799	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1550867	74.148	ng	-0.01
79) Terphenyl-d14	12.886	244	1412814	69.484	ng	0.00

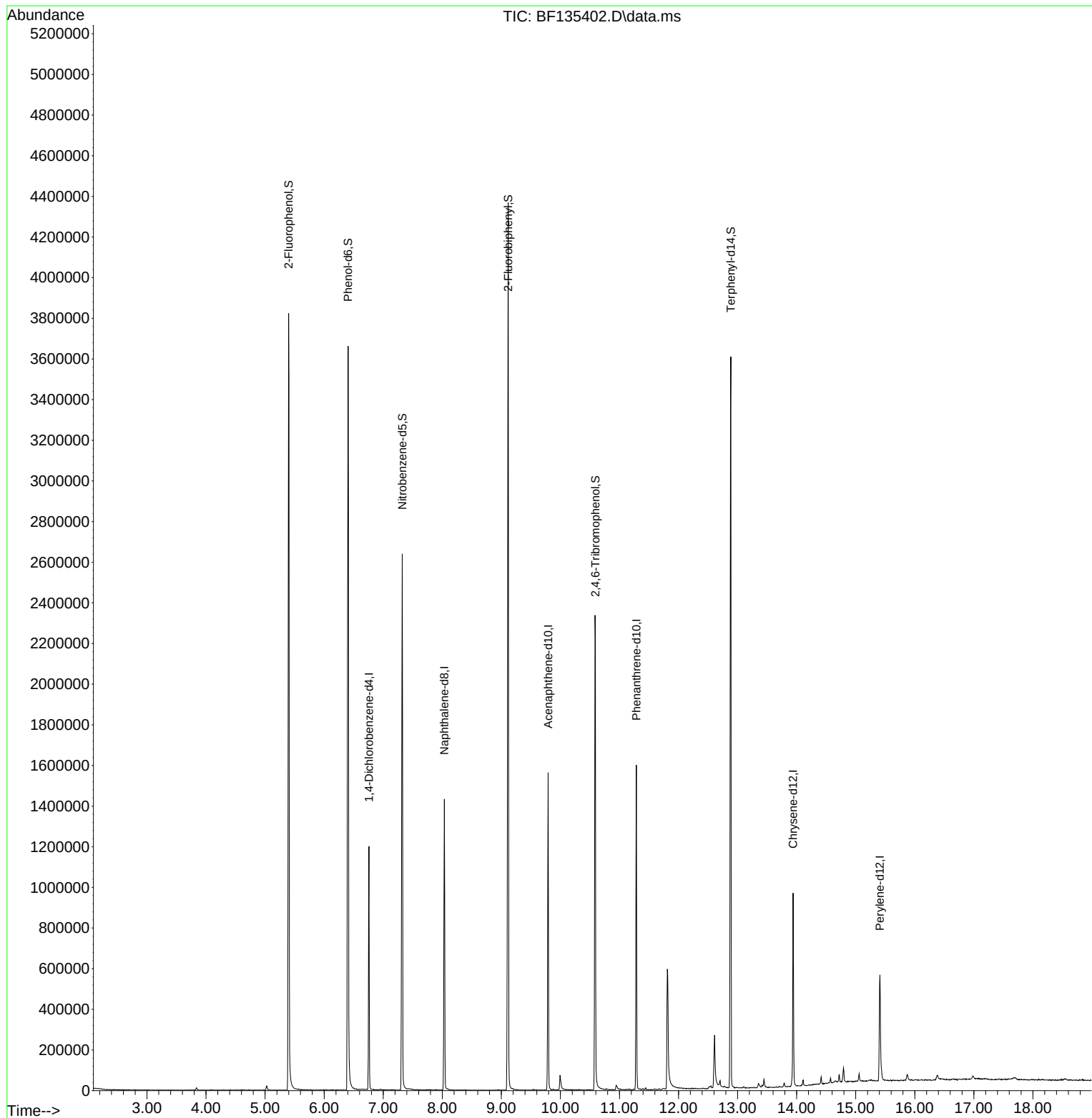
Target Compounds	Qvalue

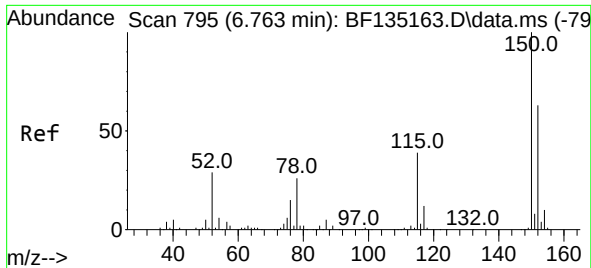
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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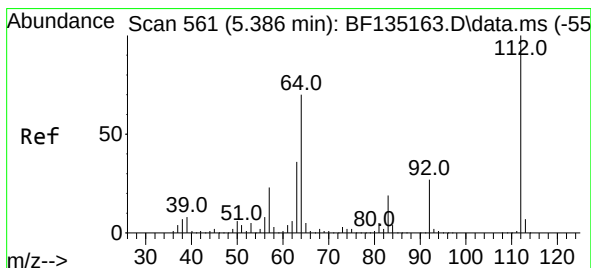
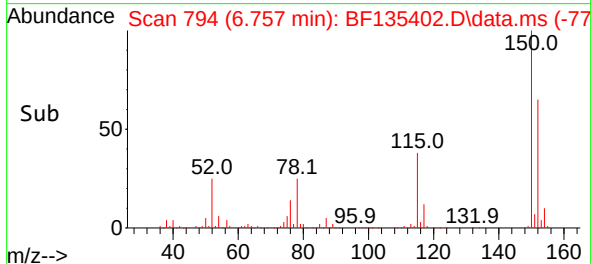
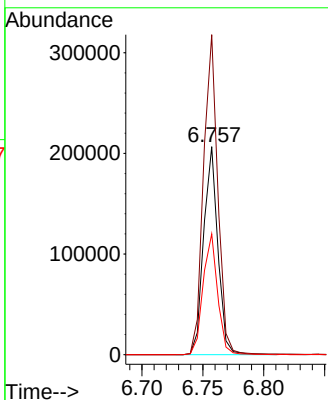
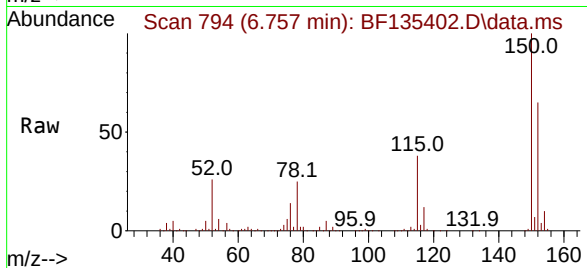




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135402.D
 Acq: 22 Sep 2023 16:26

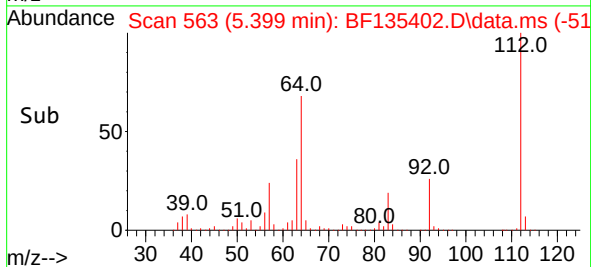
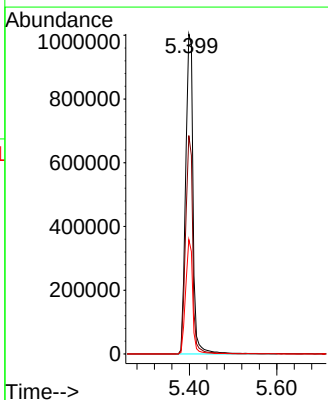
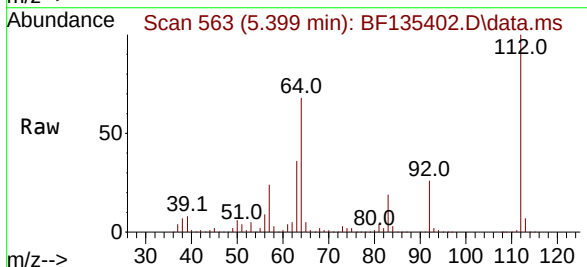
Instrument :
 BNA_F
 ClientSampleId :
 PB155707BL

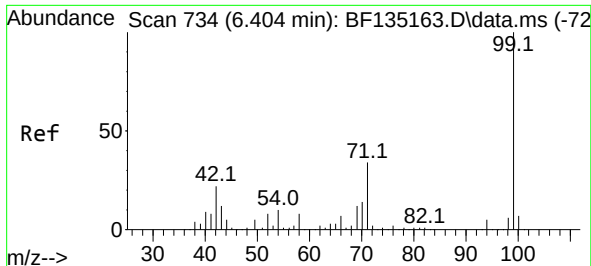
Tgt Ion:152 Resp: 167576
 Ion Ratio Lower Upper
 152 100
 150 153.9 127.8 191.6
 115 58.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 113.876 ng
 RT: 5.399 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135402.D
 Acq: 22 Sep 2023 16:26

Tgt Ion:112 Resp: 1173290
 Ion Ratio Lower Upper
 112 100
 64 68.2 55.9 83.9
 63 35.8 29.0 43.6



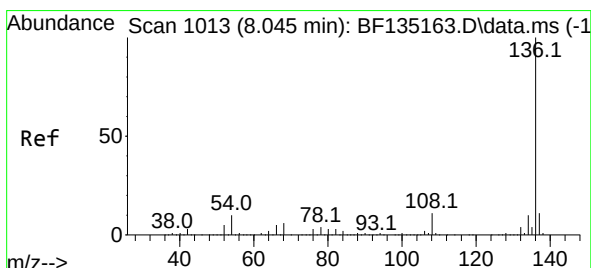
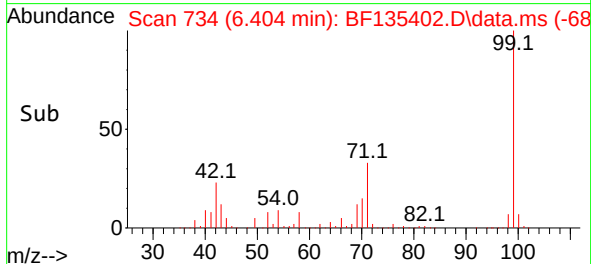
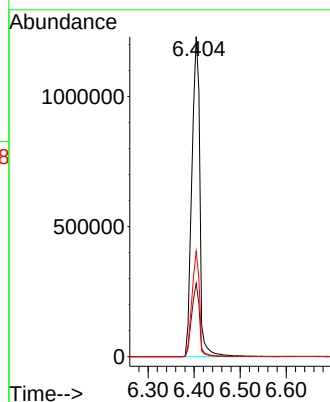
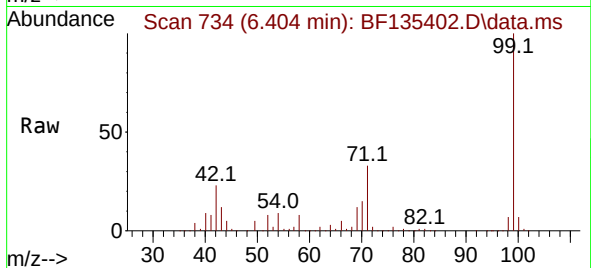


#7
Phenol-d6
Concen: 113.134 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

Instrument :
BNA_F
ClientSampleId :
PB155707BL

Tgt Ion: 99 Resp: 1482186

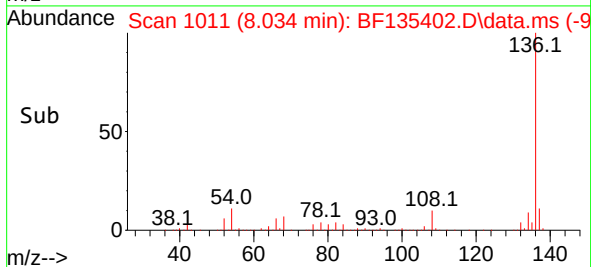
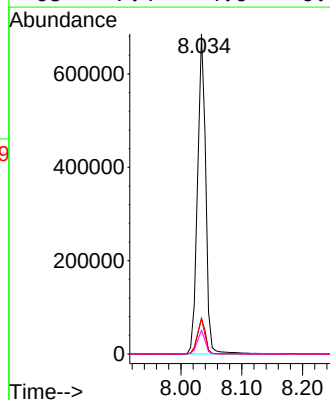
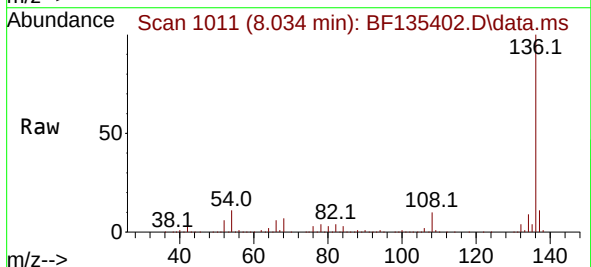
Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	32.9	27.0	40.6

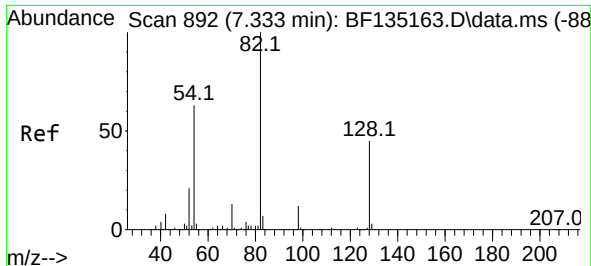


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

Tgt Ion: 136 Resp: 641154

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	11.0	7.7	11.5
68	7.4	4.6	6.8





#23

Nitrobenzene-d5

Concen: 79.946 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135402.D

Acq: 22 Sep 2023 16:26

Instrument :

BNA_F

ClientSampleId :

PB155707BL

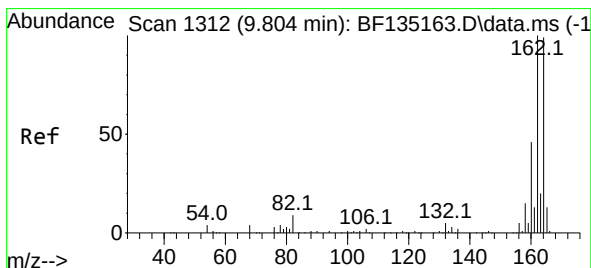
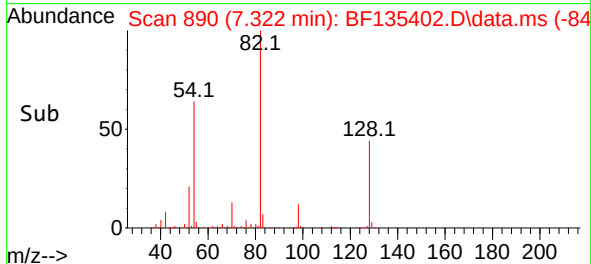
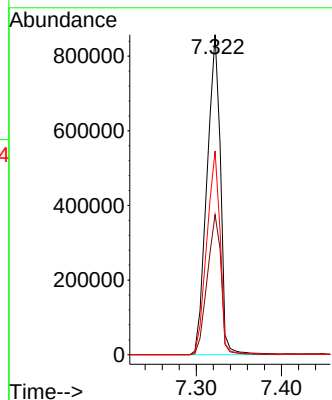
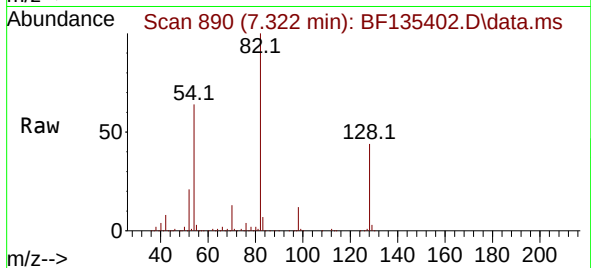
Tgt Ion: 82 Resp: 943465

Ion Ratio Lower Upper

82 100

128 43.7 35.8 53.6

54 63.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.011 min

Lab File: BF135402.D

Acq: 22 Sep 2023 16:26

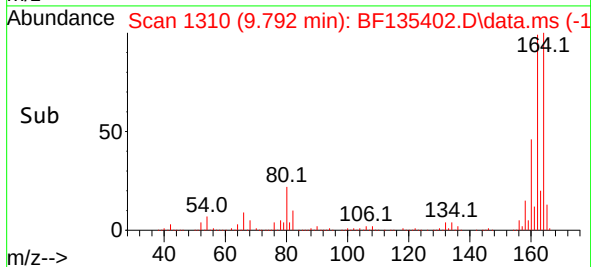
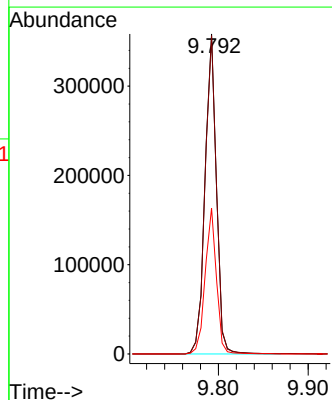
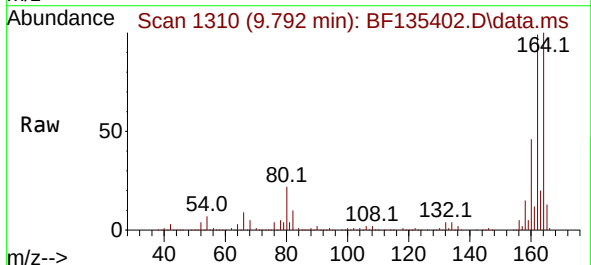
Tgt Ion: 164 Resp: 315563

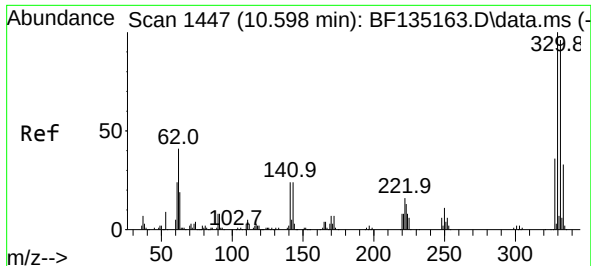
Ion Ratio Lower Upper

164 100

162 99.4 81.0 121.4

160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 99.799 ng

RT: 10.592 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF135402.D

Acq: 22 Sep 2023 16:26

Instrument :

BNA_F

ClientSampleId :

PB155707BL

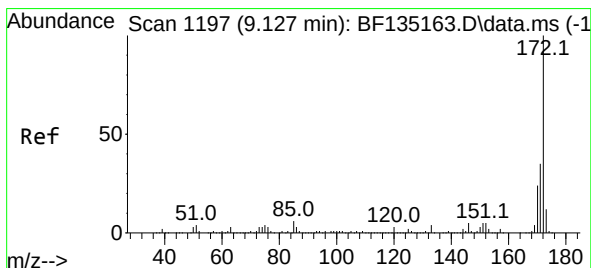
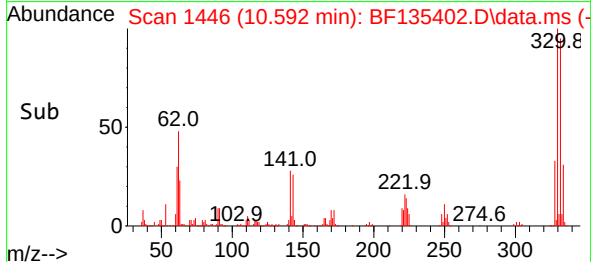
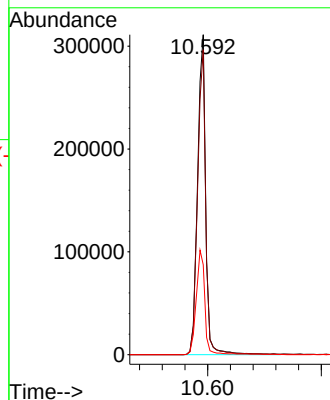
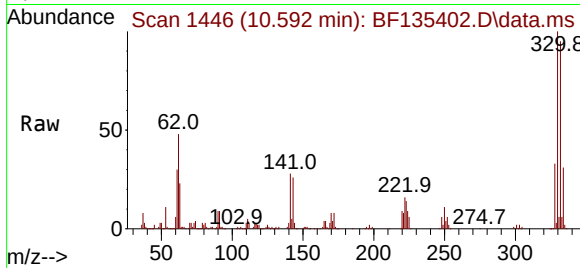
Tgt Ion:330 Resp: 312963

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 34.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 74.148 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135402.D

Acq: 22 Sep 2023 16:26

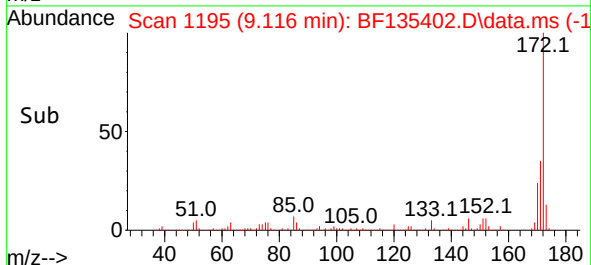
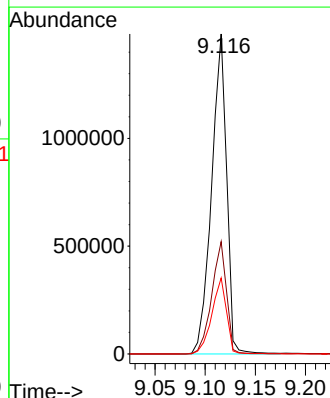
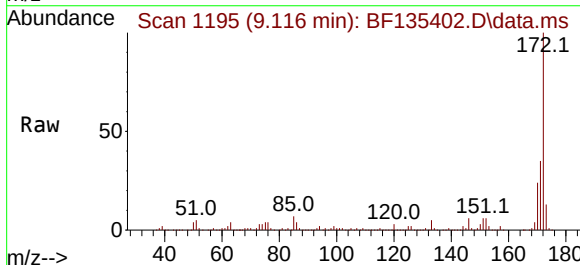
Tgt Ion:172 Resp: 1550867

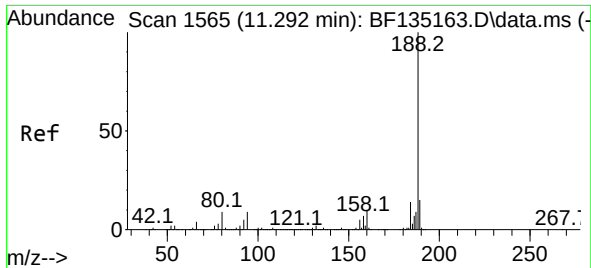
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.8 19.0 28.4

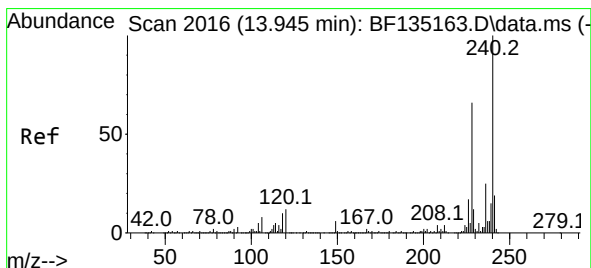
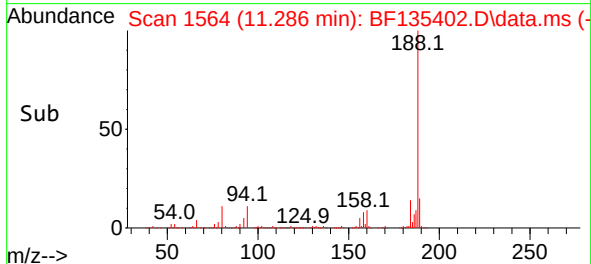
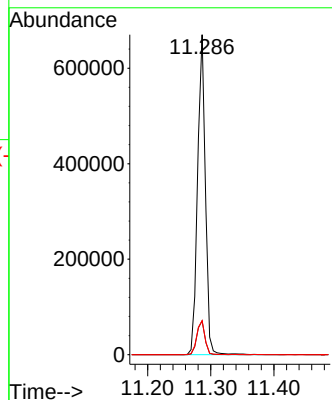
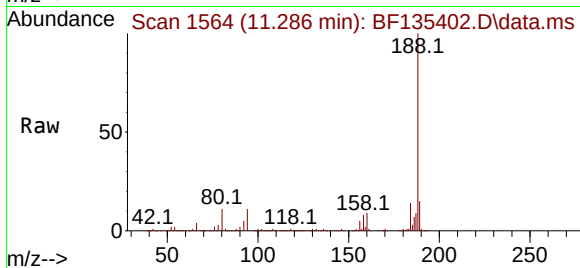




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

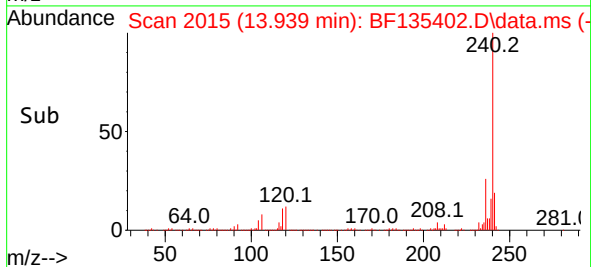
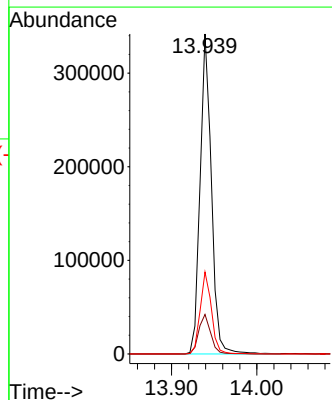
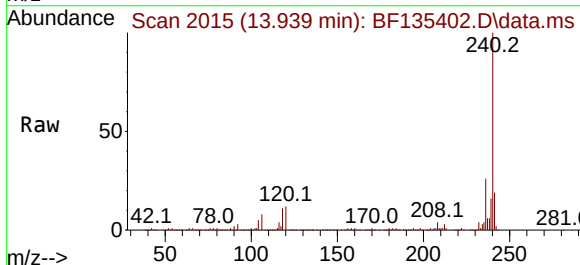
Instrument :
BNA_F
ClientSampleId :
PB155707BL

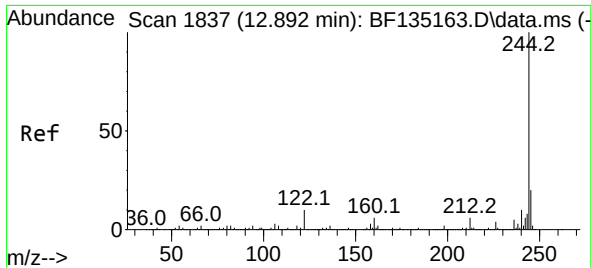
Tgt Ion:188 Resp: 573569
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

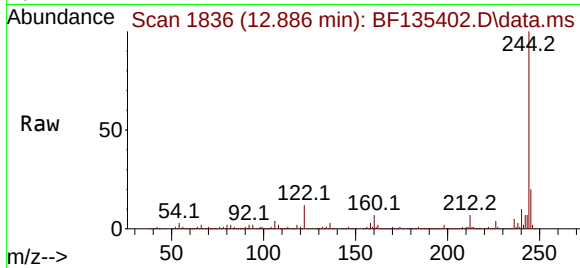
Tgt Ion:240 Resp: 315200
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 25.6 19.8 29.8





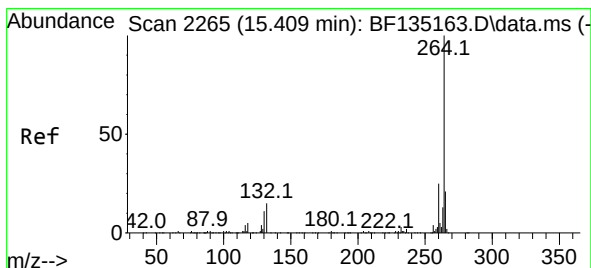
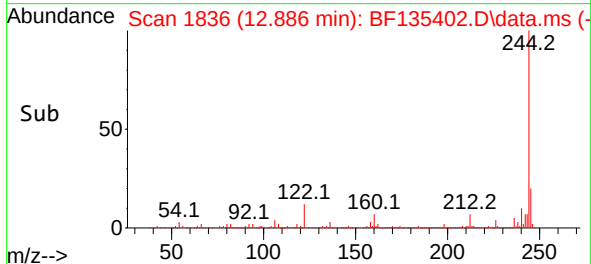
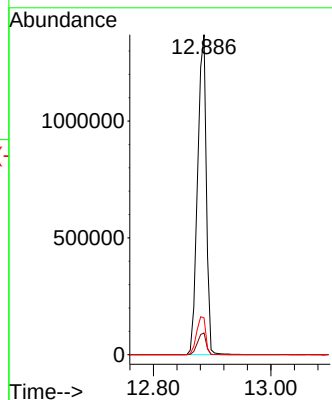
#79
 Terphenyl-d14
 Concen: 69.484 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135402.D
 Acq: 22 Sep 2023 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB155707BL



Tgt Ion:244 Resp: 1412814

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.1	7.7
122	11.5	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135402.D
 Acq: 22 Sep 2023 16:26

Tgt Ion:264 Resp: 279546

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.8	29.6
265	21.1	17.0	25.4

