

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135449.D
 Acq On : 26 Sep 2023 13:14
 Operator : CG\JU
 Sample : PB155781BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BL

Quant Time: Sep 27 02:10:45 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 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	178221	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	684982	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	336228	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	637165	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	391425	20.000	ng	0.00
86) Perylene-d12	15.404	264	366772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1366229	124.682	ng	0.02
7) Phenol-d6	6.404	99	1727716	123.999	ng	0.00
23) Nitrobenzene-d5	7.322	82	1116019	88.517	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	375819	112.477	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1824157	81.854	ng	0.00
79) Terphenyl-d14	12.886	244	1754641	69.490	ng	0.00

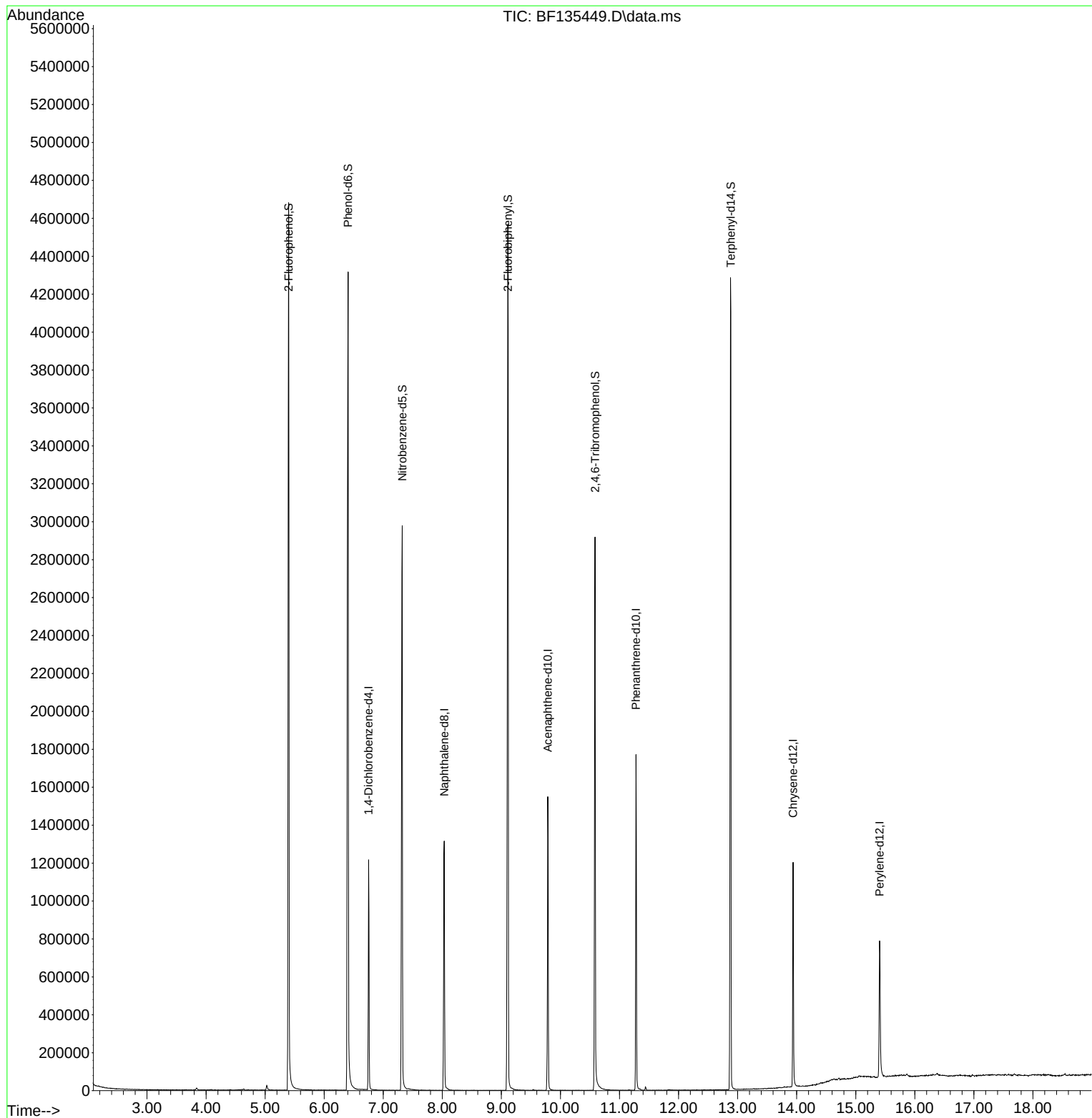
Target Compounds	Qvalue

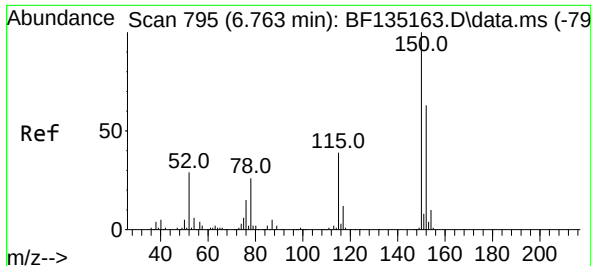
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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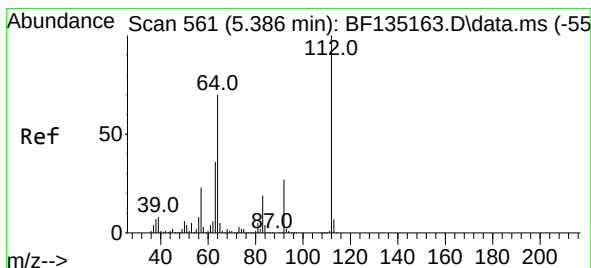
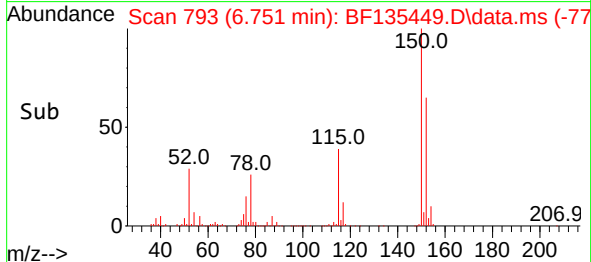
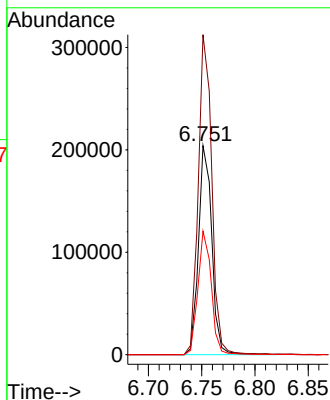
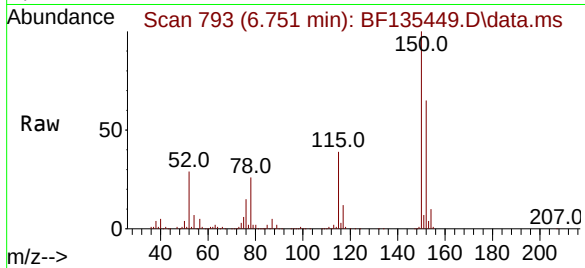




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

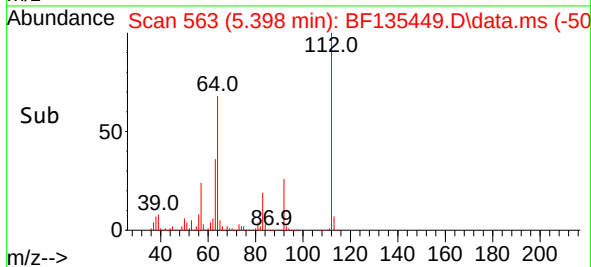
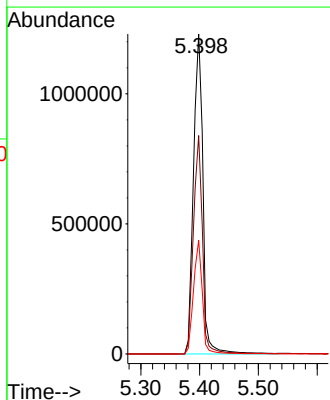
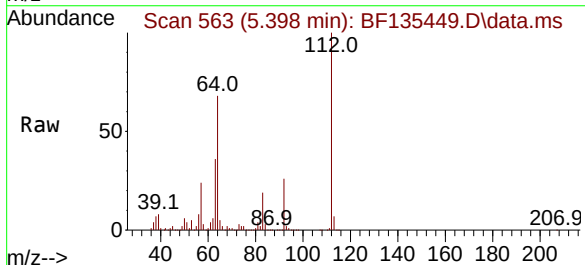
Instrument :
BNA_F
ClientSampleId :
PB155781BL

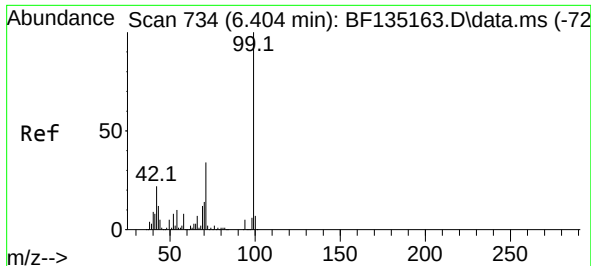
Tgt Ion:152 Resp: 178221
Ion Ratio Lower Upper
152 100
150 153.1 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 124.682 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

Tgt Ion:112 Resp: 1366229
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 35.6 29.0 43.6





#7
Phenol-d6
Concen: 123.999 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

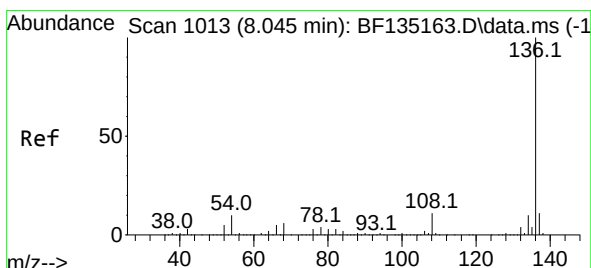
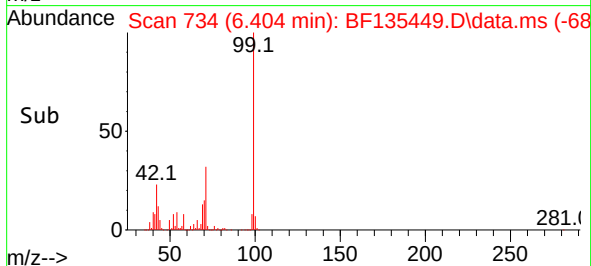
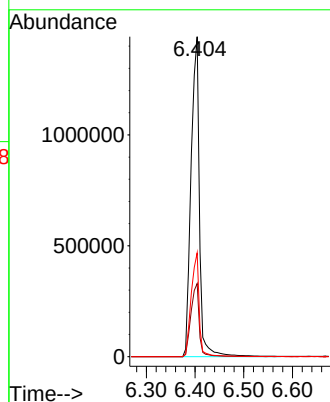
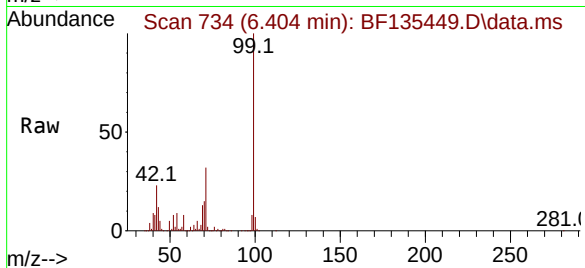
Instrument :

BNA_F

ClientSampleId :

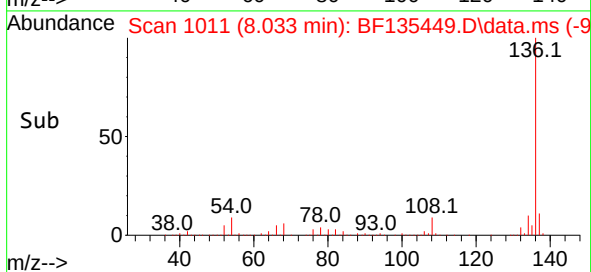
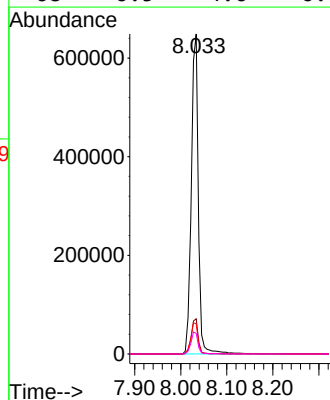
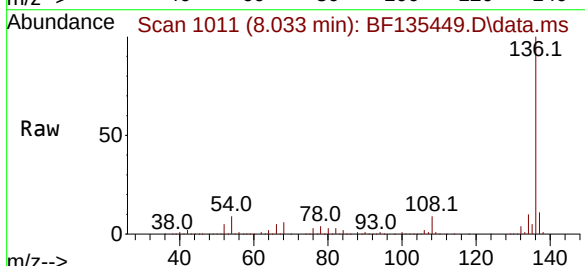
PB155781BL

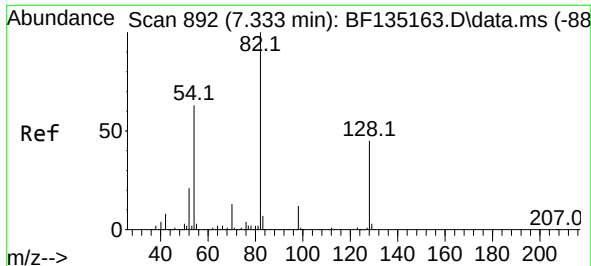
Tgt Ion: 99 Resp: 1727716
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

Tgt Ion: 136 Resp: 684982
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.4 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 88.517 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF135449.D

Acq: 26 Sep 2023 13:14

Instrument :

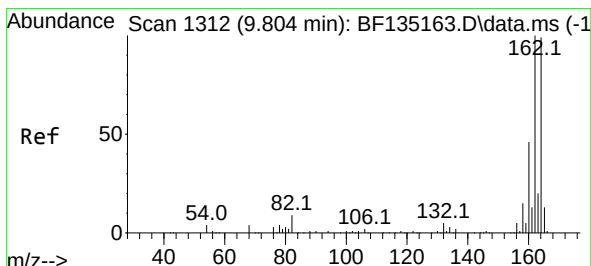
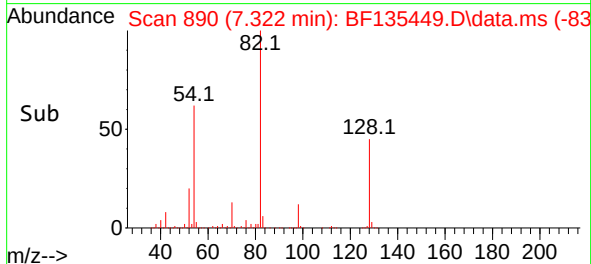
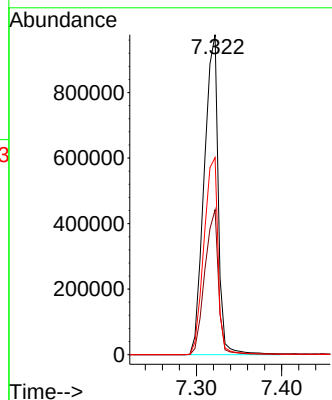
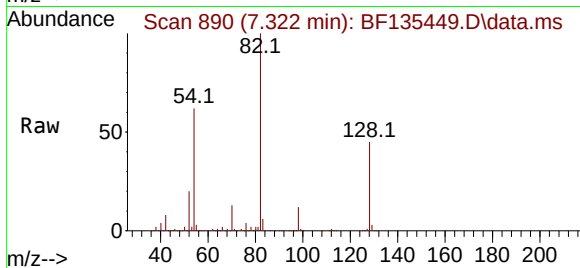
BNA_F

ClientSampleId :

PB155781BL

Tgt Ion: 82 Resp: 1116019

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.8	53.6
54	61.6	50.6	76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

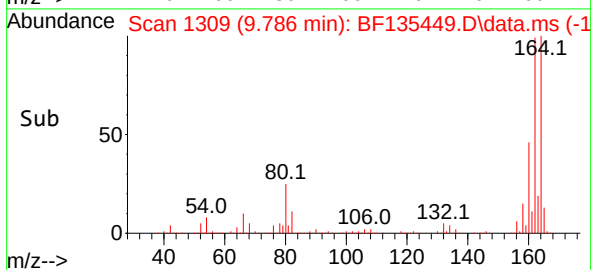
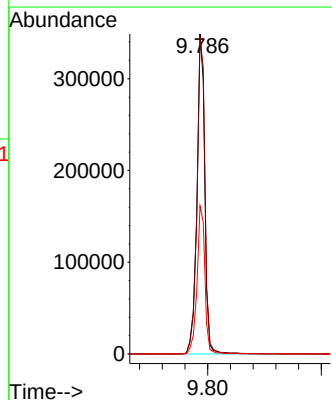
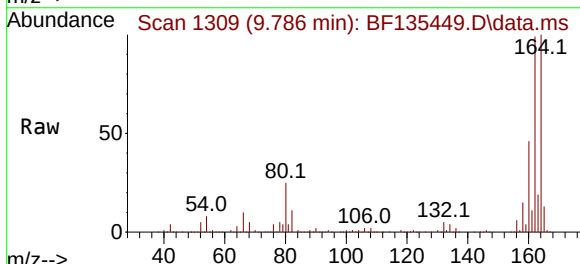
Delta R.T. -0.006 min

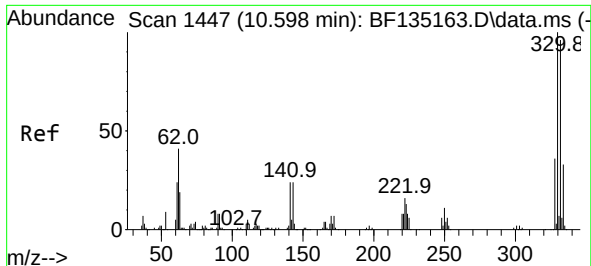
Lab File: BF135449.D

Acq: 26 Sep 2023 13:14

Tgt Ion:164 Resp: 336228

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.0	121.4
160	46.2	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 112.477 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF135449.D

Acq: 26 Sep 2023 13:14

Instrument :

BNA_F

ClientSampleId :

PB155781BL

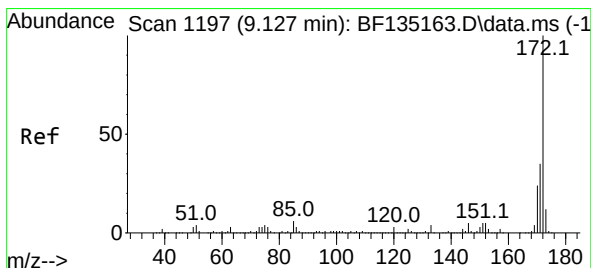
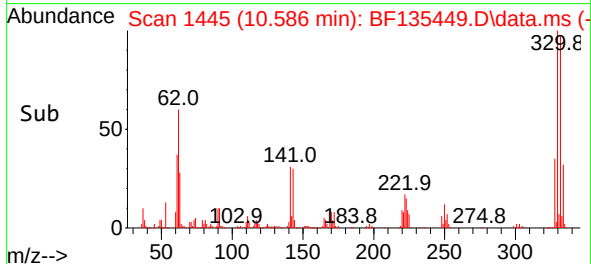
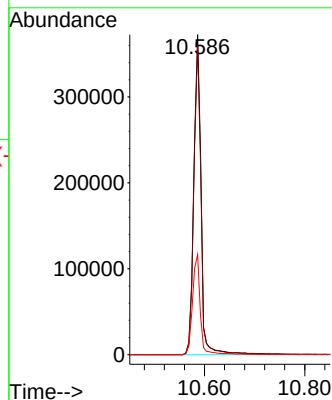
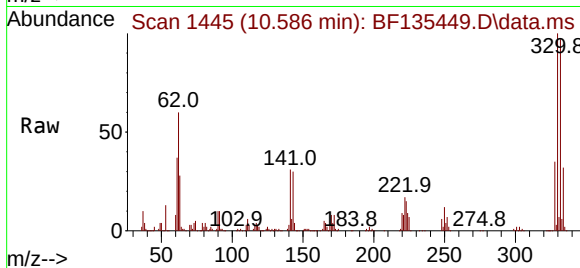
Tgt Ion:330 Resp: 375819

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 33.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 81.854 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF135449.D

Acq: 26 Sep 2023 13:14

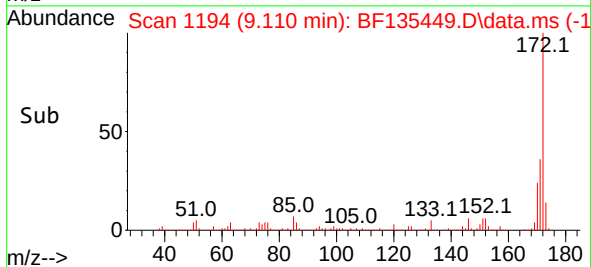
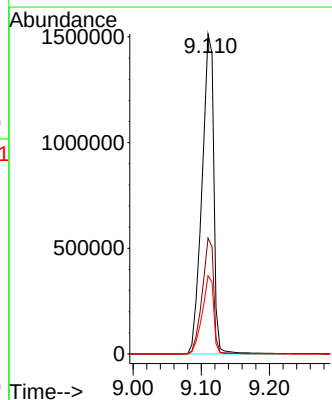
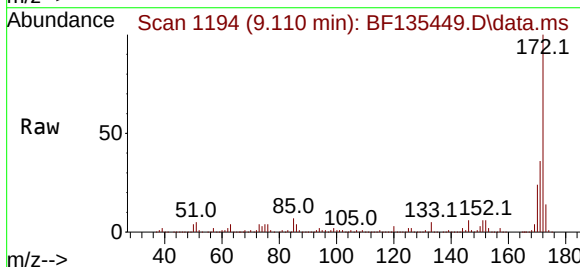
Tgt Ion:172 Resp: 1824157

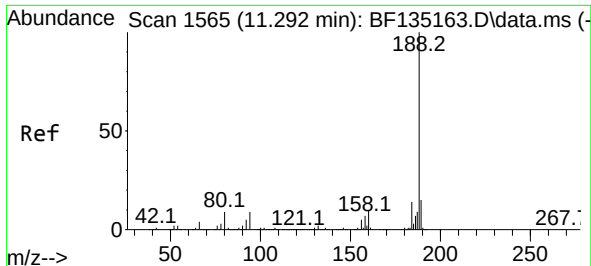
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.5 19.0 28.4

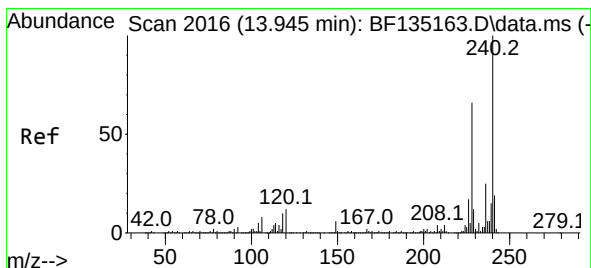
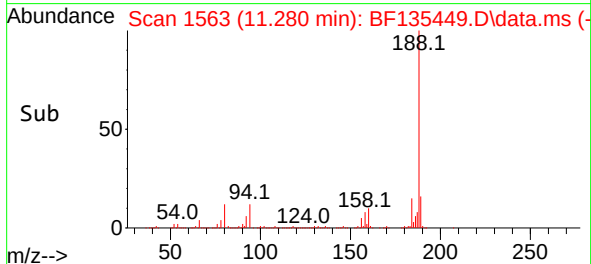
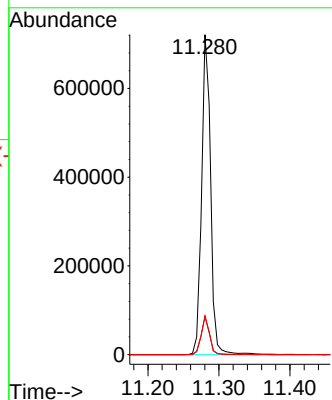
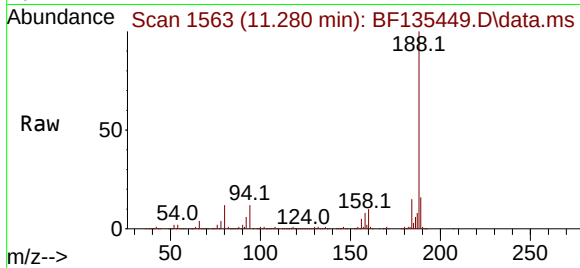




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

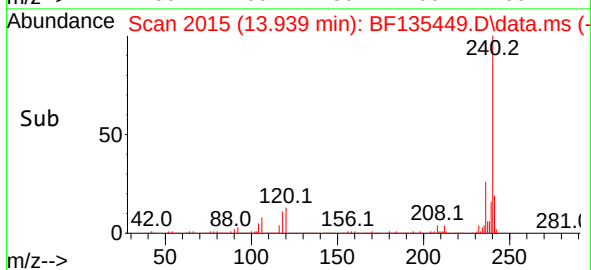
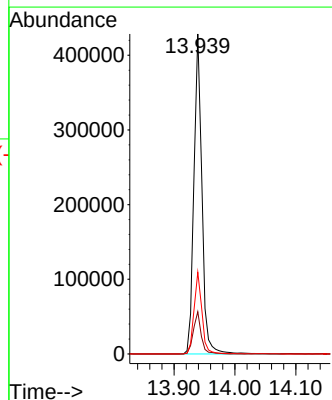
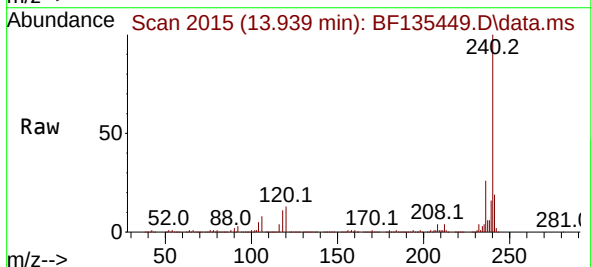
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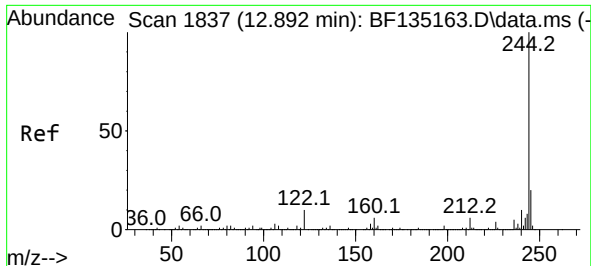
Tgt Ion:188 Resp: 637165
Ion Ratio Lower Upper
188 100
94 12.0 7.0 10.6#
80 12.1 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135449.D
Acq: 26 Sep 2023 13:14

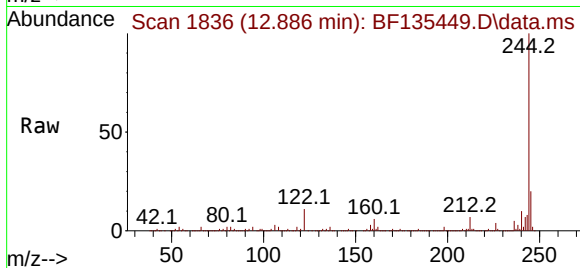
Tgt Ion:240 Resp: 391425
Ion Ratio Lower Upper
240 100
120 13.2 9.4 14.2
236 25.6 19.8 29.8



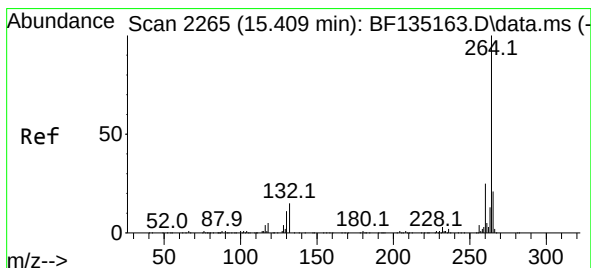
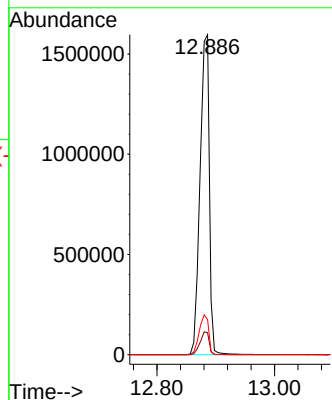
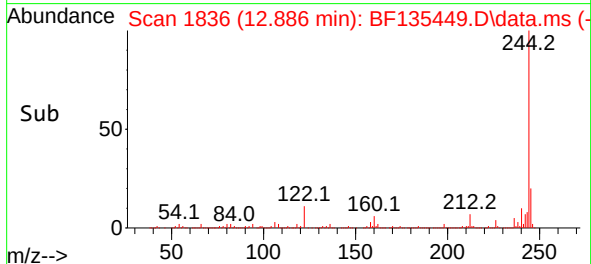


#79
 Terphenyl-d14
 Concen: 69.490 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. 0.006 min
 Lab File: BF135449.D
 Acq: 26 Sep 2023 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BL



Tgt Ion:244 Resp: 1754641
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.000 min
 Lab File: BF135449.D
 Acq: 26 Sep 2023 13:14

Tgt Ion:264 Resp: 366772
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.2 17.0 25.4

