

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135448.D
 Acq On : 26 Sep 2023 12:44
 Operator : CG\JU
 Sample : PB155659TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155659TB

Quant Time: Sep 27 02:10:28 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	179539	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	692520	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	340836	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	640561	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	368834	20.000	ng	0.00
86) Perylene-d12	15.404	264	348080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1363735	123.541	ng	0.02
7) Phenol-d6	6.404	99	1741826	124.094	ng	0.00
23) Nitrobenzene-d5	7.322	82	1112918	87.310	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	365434	107.890	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1828900	80.957	ng	0.00
79) Terphenyl-d14	12.880	244	1749261	73.521	ng	0.00

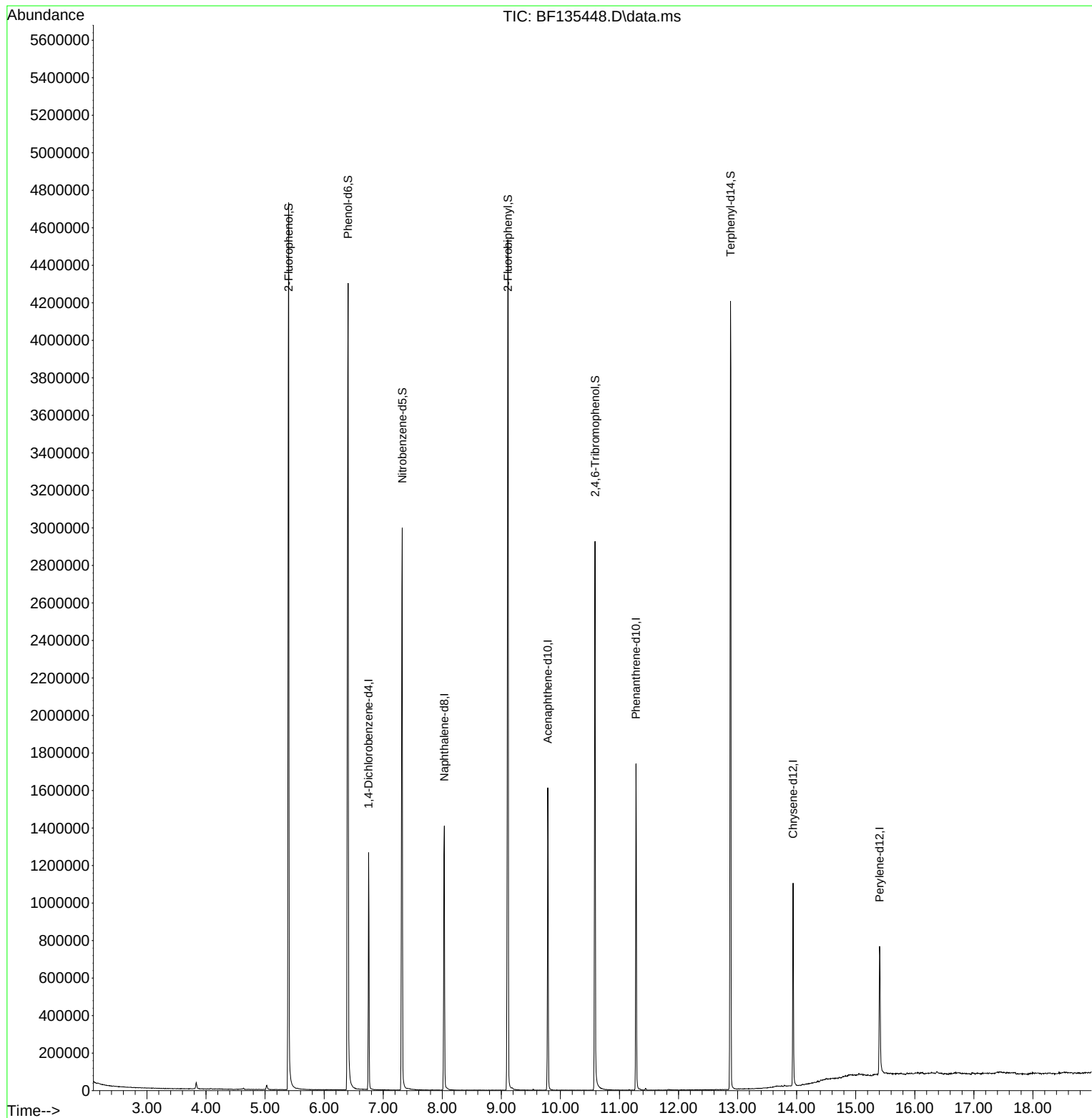
Target Compounds	Qvalue

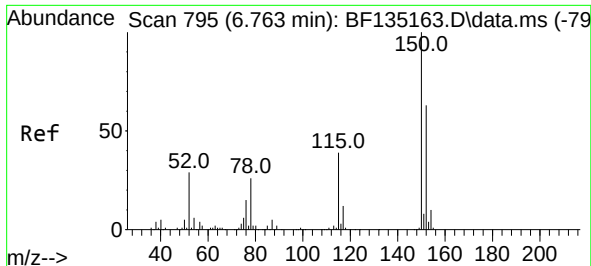
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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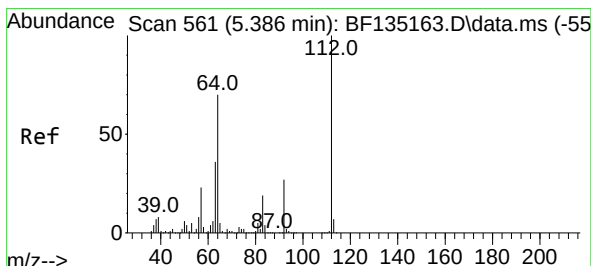
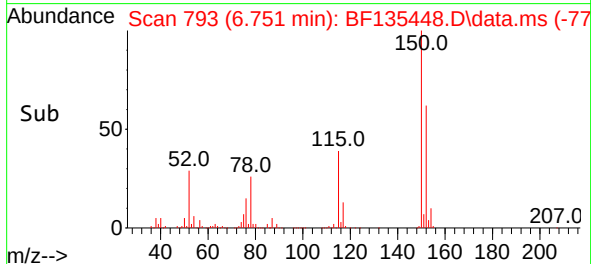
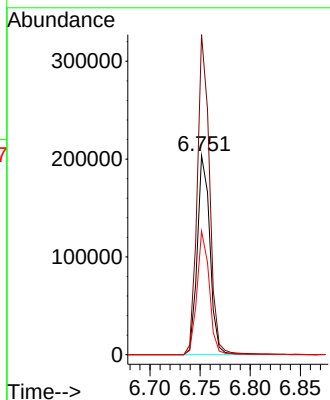
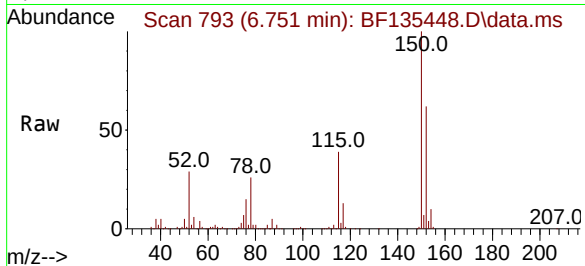




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

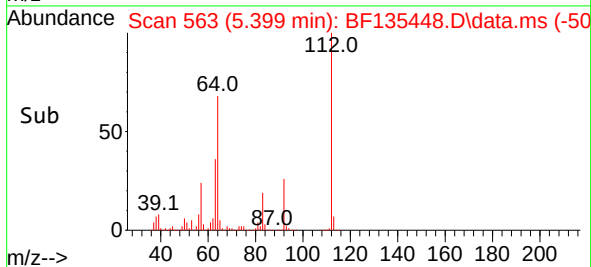
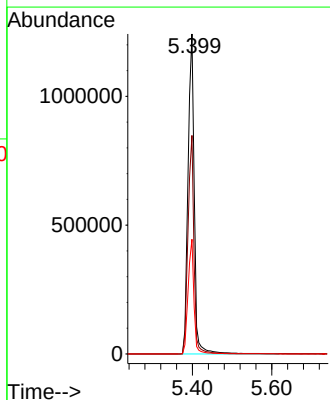
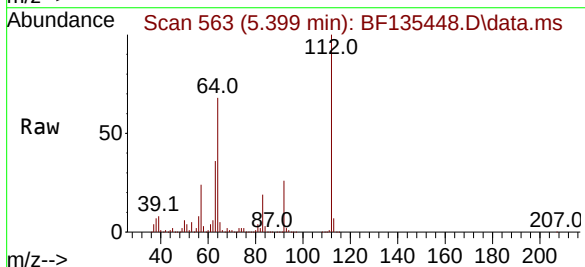
Instrument :
BNA_F
ClientSampleId :
PB155659TB

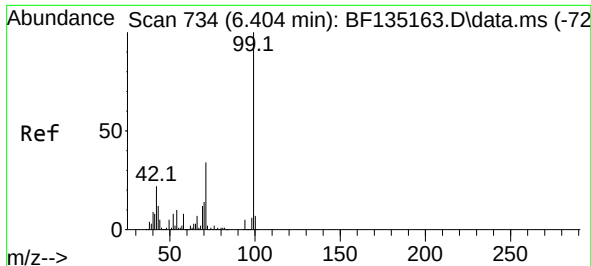
Tgt Ion:152 Resp: 179539
Ion Ratio Lower Upper
152 100
150 160.7 127.8 191.6
115 62.0 49.8 74.8



#5
2-Fluorophenol
Concen: 123.541 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

Tgt Ion:112 Resp: 1363735
Ion Ratio Lower Upper
112 100
64 68.3 55.9 83.9
63 35.8 29.0 43.6



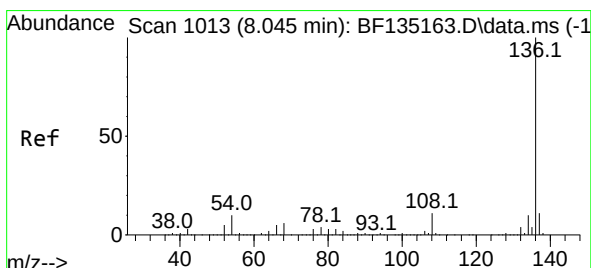
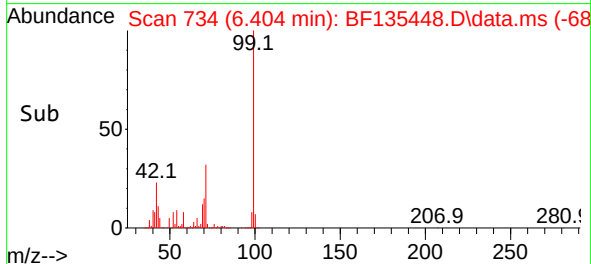
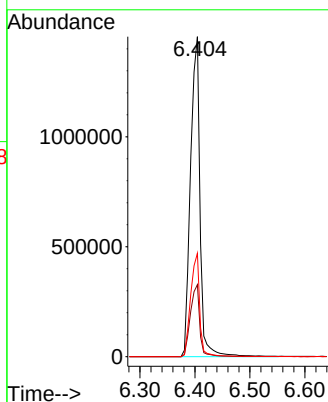
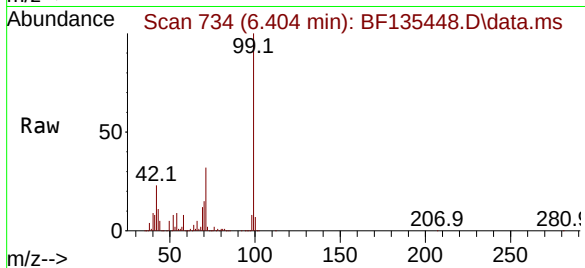


#7
Phenol-d6
Concen: 124.094 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

Instrument :
BNA_F
ClientSampleId :
PB155659TB

Tgt Ion: 99 Resp: 1741826

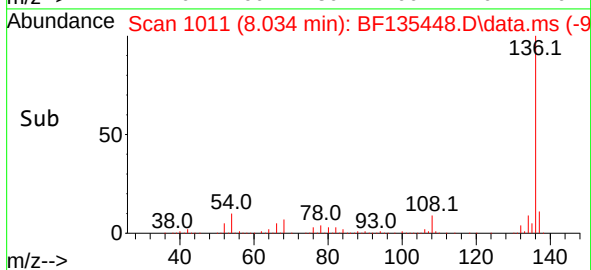
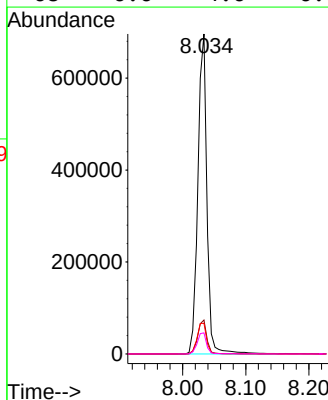
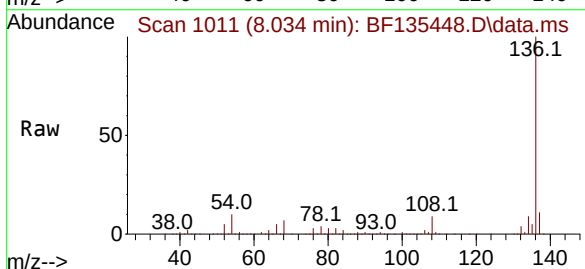
Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	32.3	27.0	40.6

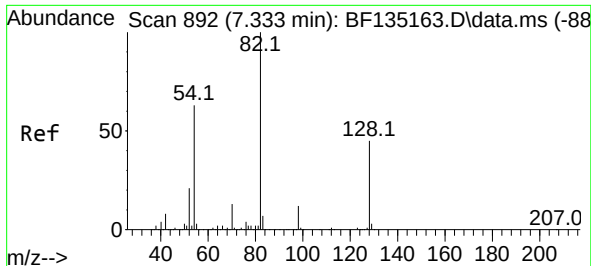


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

Tgt Ion: 136 Resp: 692520

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.6	7.7	11.5
68	6.6	4.6	6.8





#23

Nitrobenzene-d5

Concen: 87.310 ng

RT: 7.322 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF135448.D

Acq: 26 Sep 2023 12:44

Instrument :

BNA_F

ClientSampleId :

PB155659TB

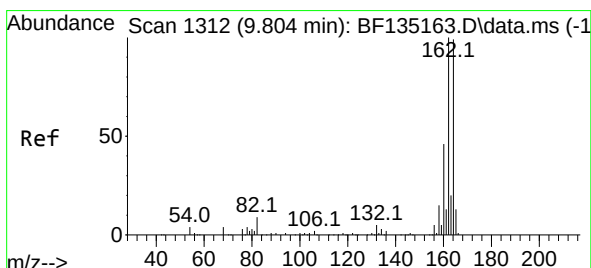
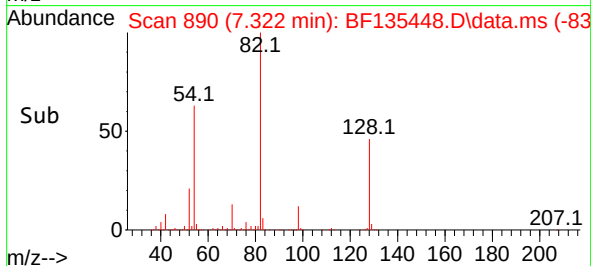
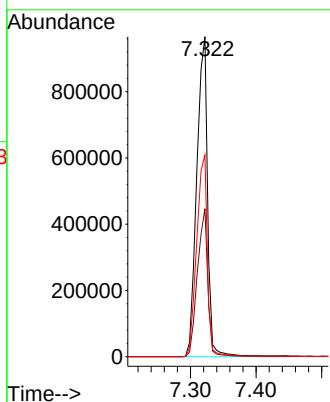
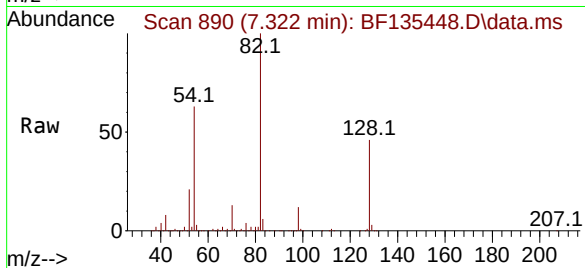
Tgt Ion: 82 Resp: 1112918

Ion Ratio Lower Upper

82 100

128 46.3 35.8 53.6

54 63.0 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: BF135448.D

Acq: 26 Sep 2023 12:44

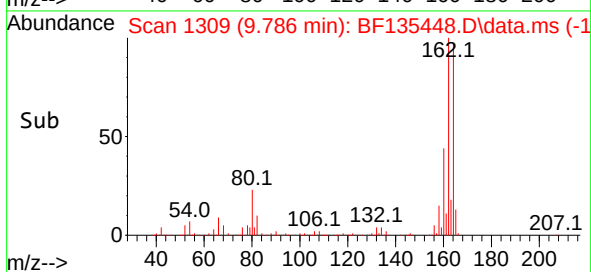
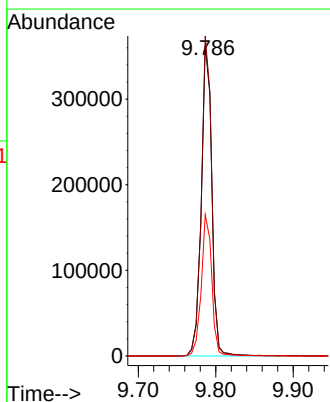
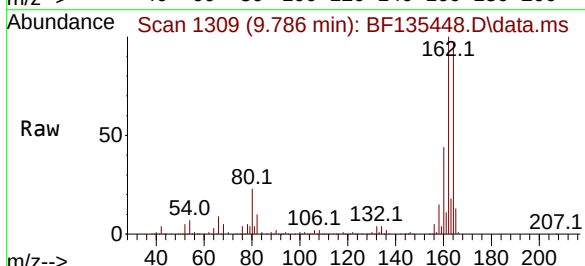
Tgt Ion:164 Resp: 340836

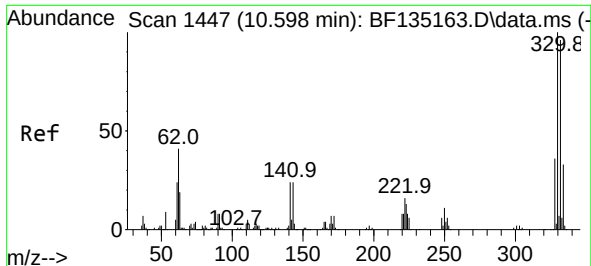
Ion Ratio Lower Upper

164 100

162 103.2 81.0 121.4

160 45.5 37.0 55.4



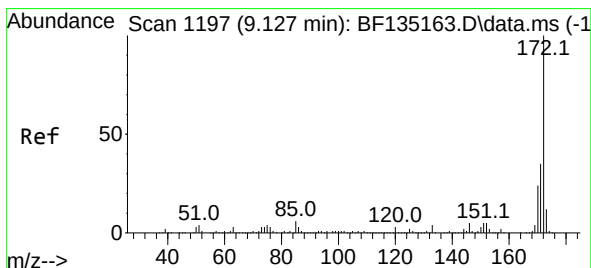
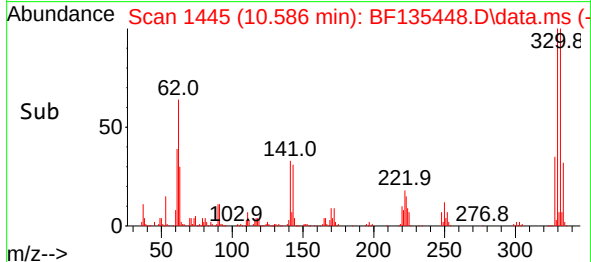
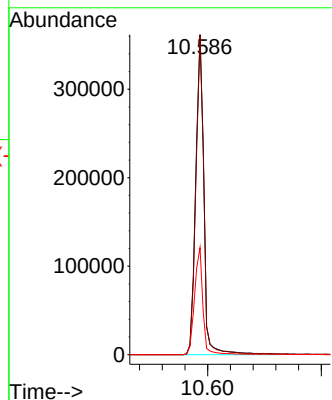
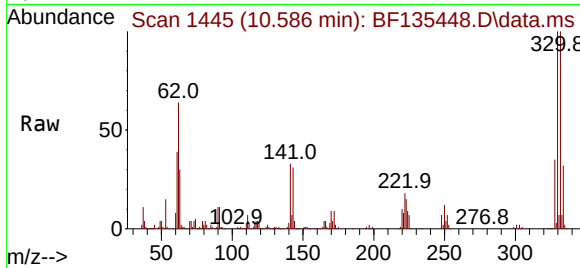


#42
 2,4,6-Tribromophenol
 Concen: 107.890 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. 0.000 min
 Lab File: BF135448.D
 Acq: 26 Sep 2023 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB155659TB

Tgt Ion:330 Resp: 365434

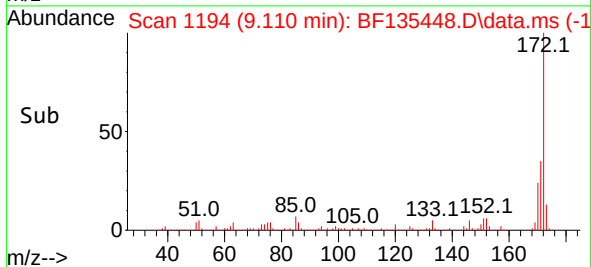
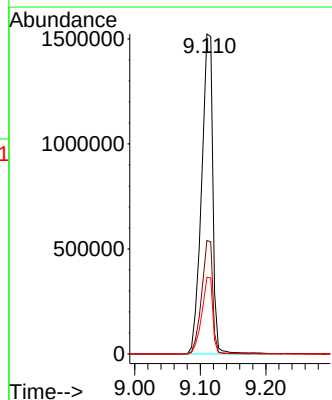
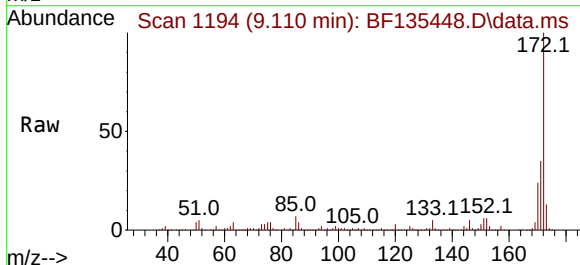
Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	34.1	25.8	38.8

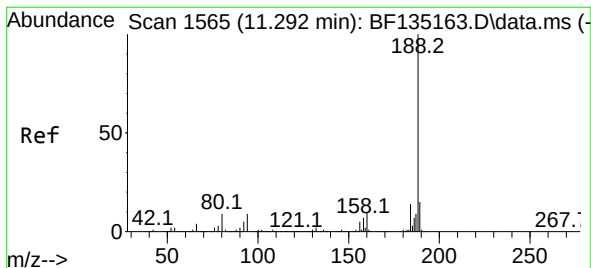


#45
 2-Fluorobiphenyl
 Concen: 80.957 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BF135448.D
 Acq: 26 Sep 2023 12:44

Tgt Ion:172 Resp: 1828900

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.4	42.6
170	23.9	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: BF135448.D

Acq: 26 Sep 2023 12:44

Instrument :

BNA_F

ClientSampleId :

PB155659TB

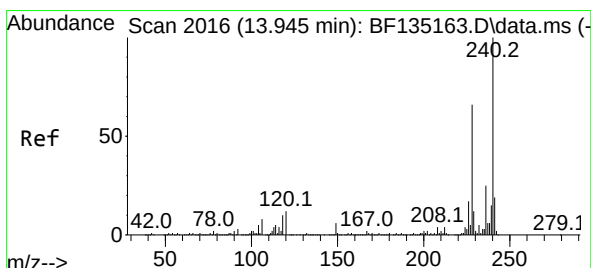
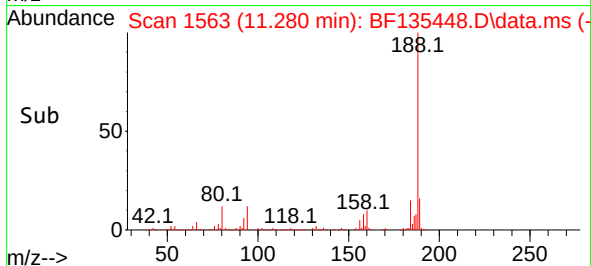
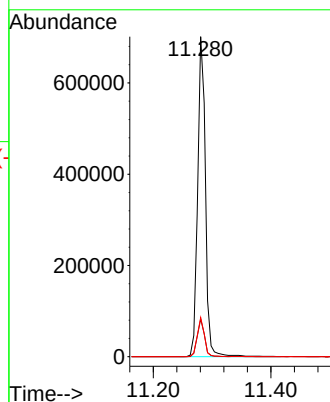
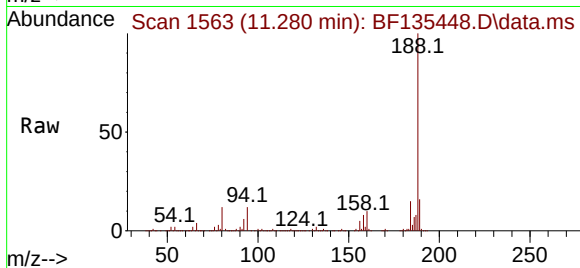
Tgt Ion:188 Resp: 640561

Ion Ratio Lower Upper

188 100

94 11.7 7.0 10.6#

80 12.3 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: BF135448.D

Acq: 26 Sep 2023 12:44

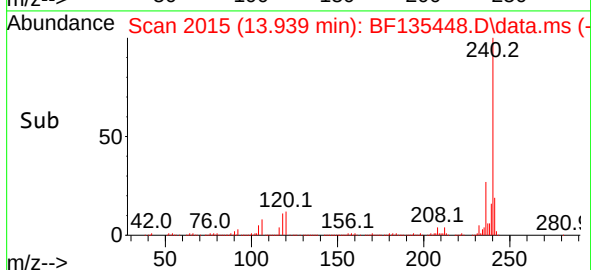
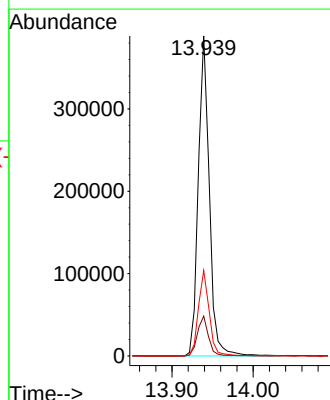
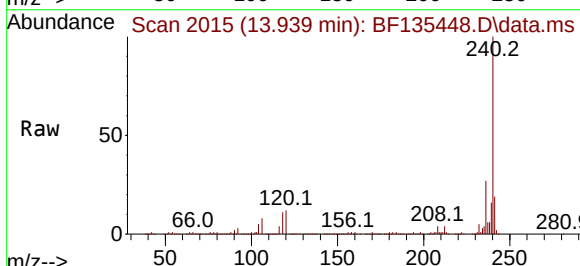
Tgt Ion:240 Resp: 368834

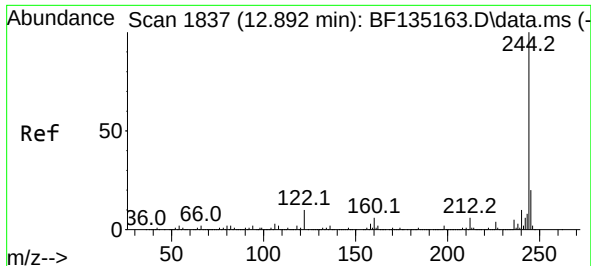
Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.2

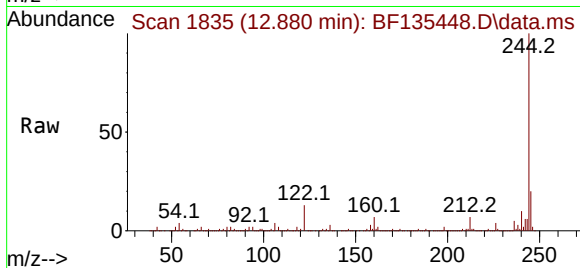
236 26.7 19.8 29.8



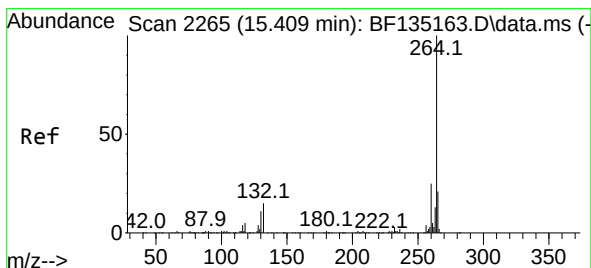
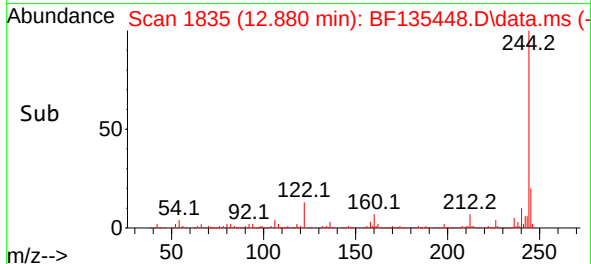
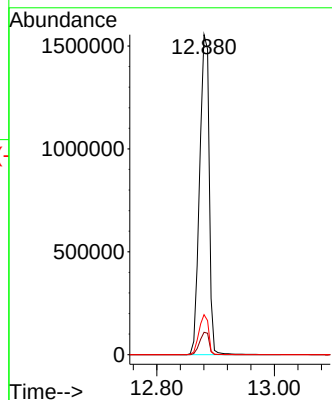


#79
 Terphenyl-d14
 Concen: 73.521 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF135448.D
 Acq: 26 Sep 2023 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB155659TB



Tgt Ion:244 Resp: 1749261
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 12.5 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: BF135448.D
 Acq: 26 Sep 2023 12:44

Tgt Ion:264 Resp: 348080
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.5 17.0 25.4

