

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)

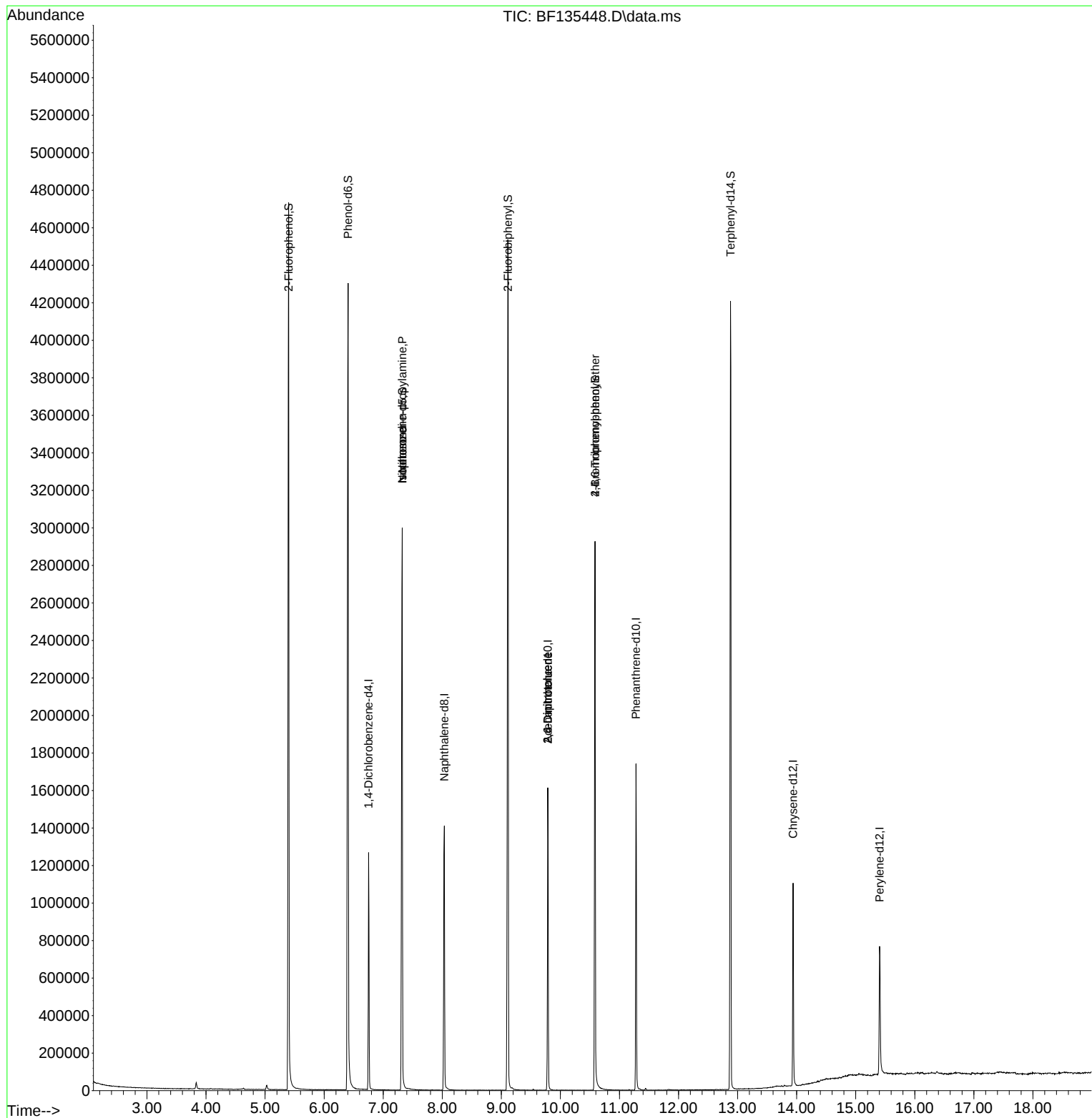
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	179539	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	692520	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	340836	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	640561	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	368834	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.322	70	146751	16.879	ng	# 80
25) Isophorone	7.322	82	1103792	47.158	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	43915	8.699	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	43915	6.949	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	23157	3.635	ng	# 1

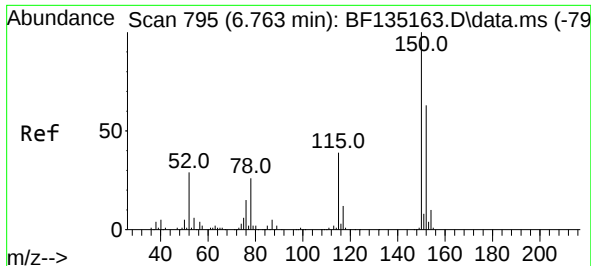
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration

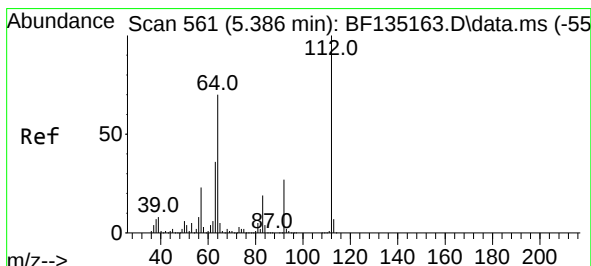
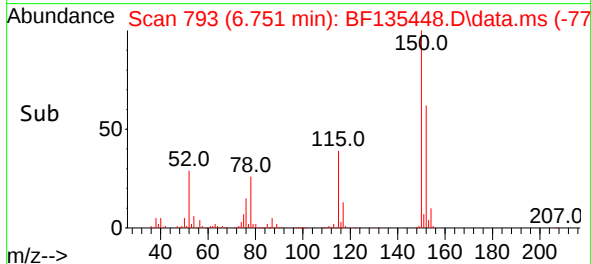
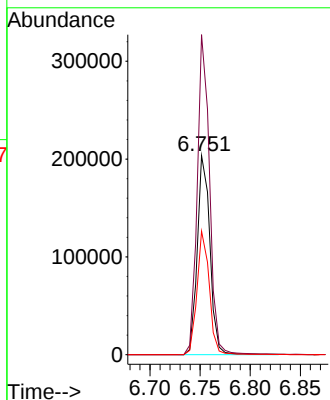
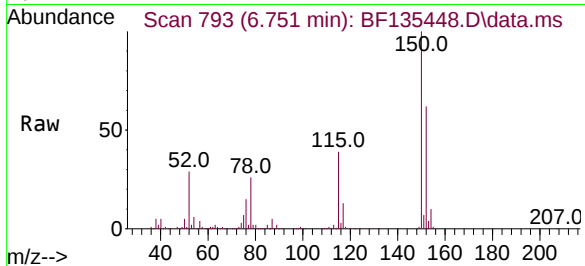




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

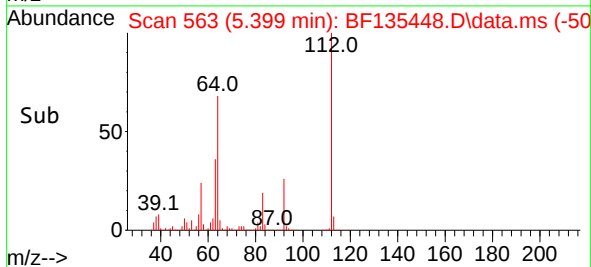
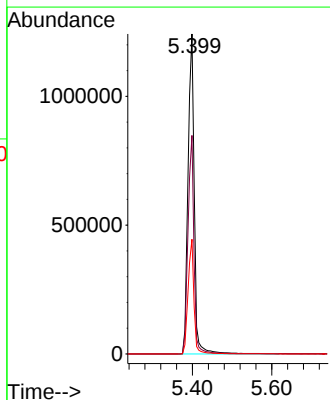
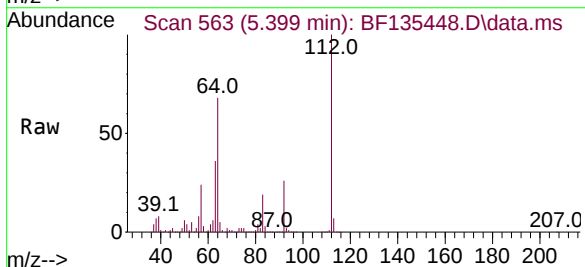
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BNA_F
ClientSampleId :
PB155659TB

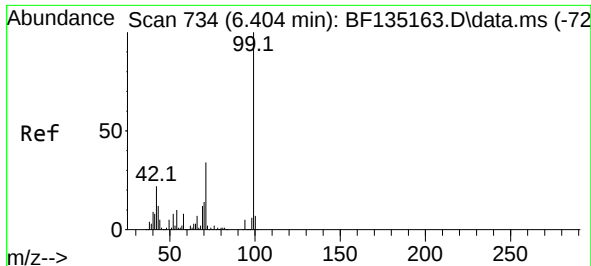
Tgt Ion:152 Resp: 179539
Ion Ratio Lower Upper
152 100
150 160.7 127.8 191.6
115 62.0 49.8 74.8



#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

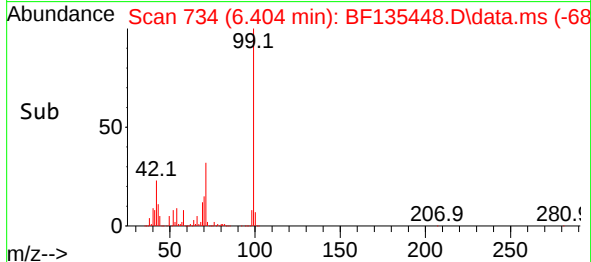
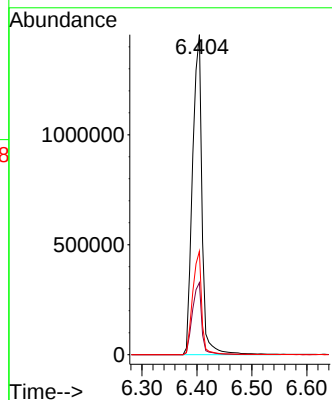
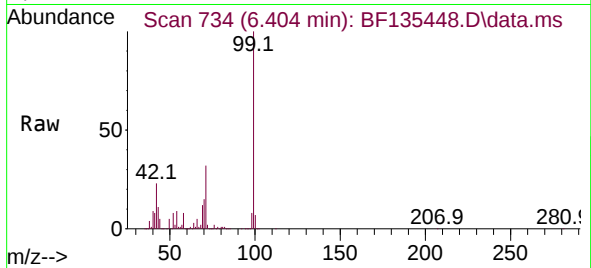




#7
Phenol-d6
Concen: 124.094 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

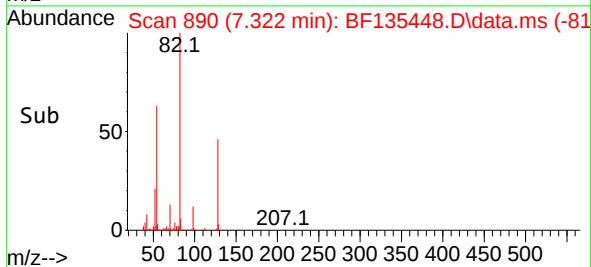
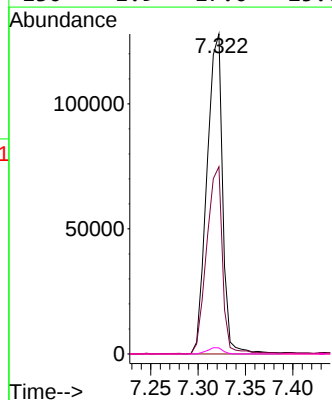
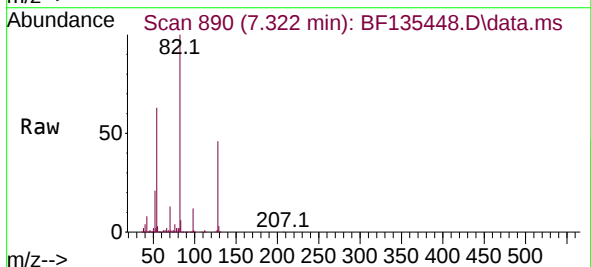
Instrument :
BNA_F
ClientSampleId :
PB155659TB

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



#19
n-Nitroso-di-n-propylamine
Concen: 16.879 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

Tgt Ion: 70 Resp: 146751
Ion Ratio Lower Upper
70 100
42 58.5 55.4 83.0
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#



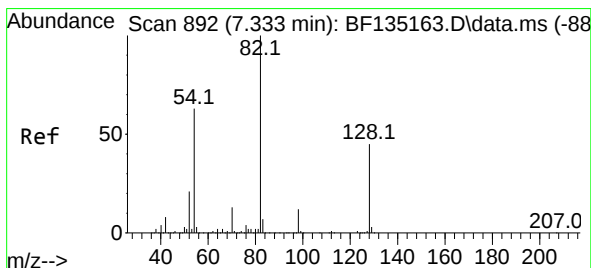
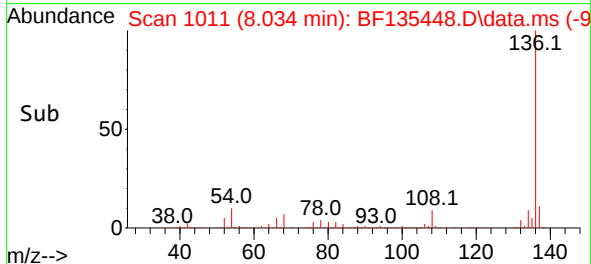
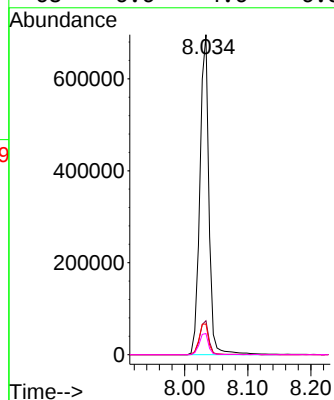
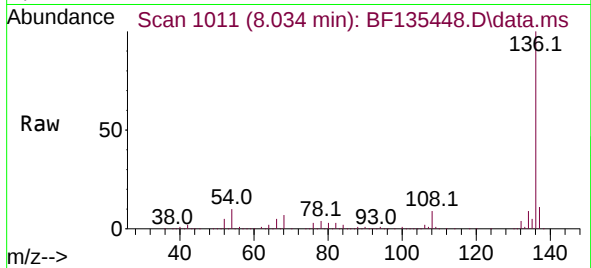


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

Instrument :
BNA_F
ClientSampleId :
PB155659TB

Tgt Ion:136 Resp: 692520

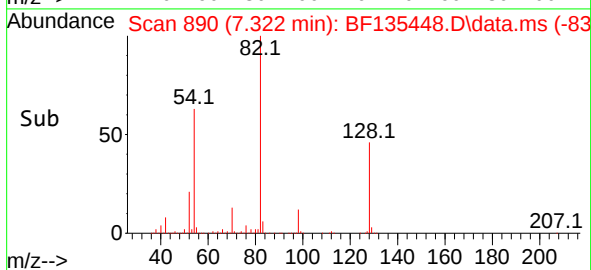
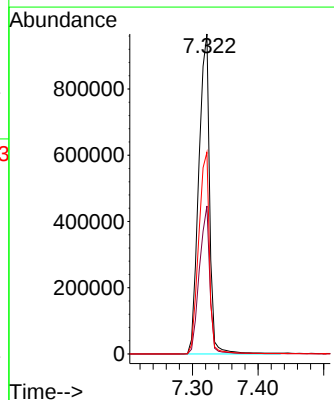
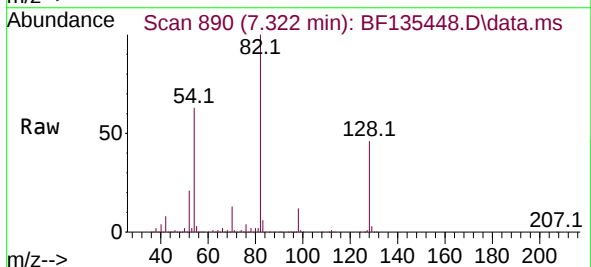
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.6	7.7	11.5
68	6.6	4.6	6.8

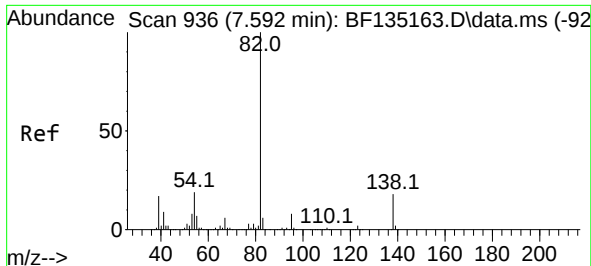


#23
Nitrobenzene-d5
Concen: 87.310 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

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





#25

Isophorone

Concen: 47.158 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.259 min

Lab File: BF135448.D

Acq: 26 Sep 2023 12:44

Instrument :

BNA_F

ClientSampleId :

PB155659TB

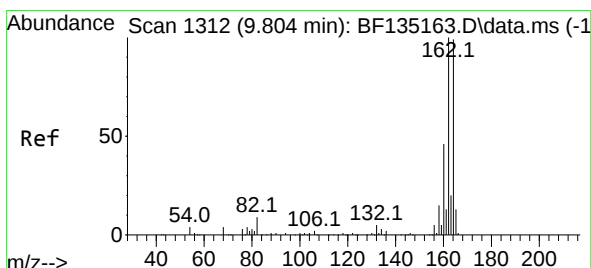
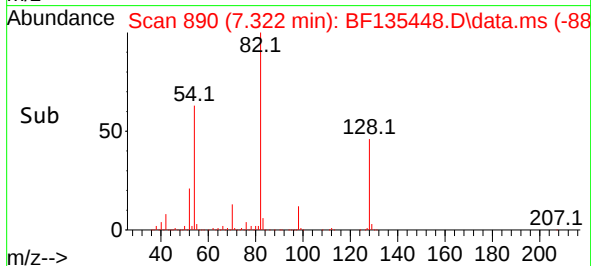
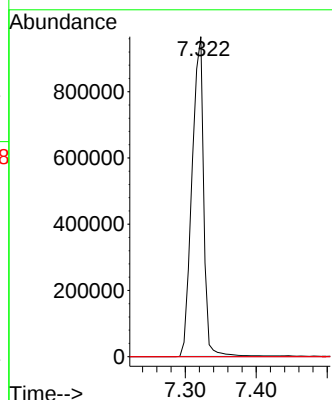
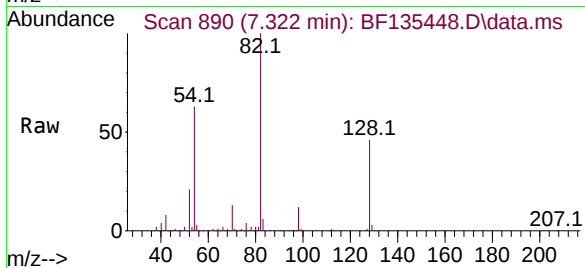
Tgt Ion: 82 Resp: 1103792

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.5 21.7#



#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

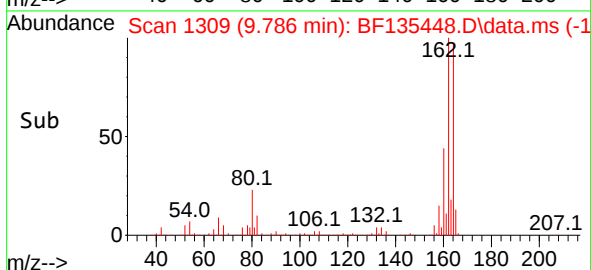
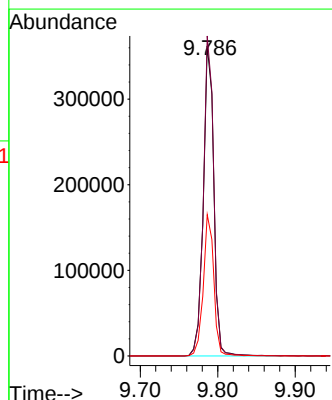
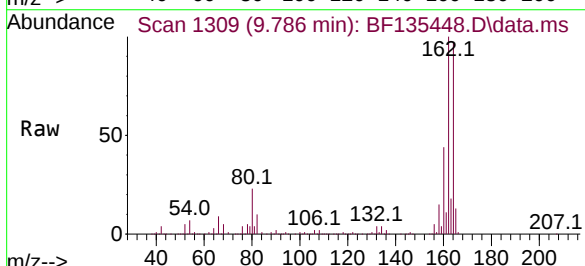
Tgt Ion:164 Resp: 340836

Ion Ratio Lower Upper

164 100

162 103.2 81.0 121.4

160 45.5 37.0 55.4

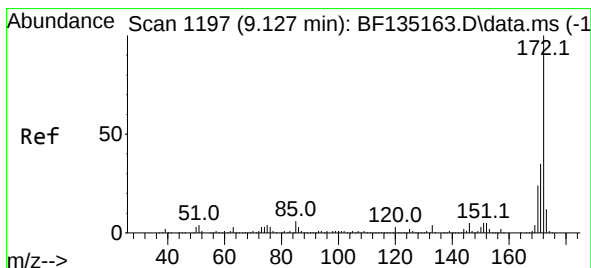
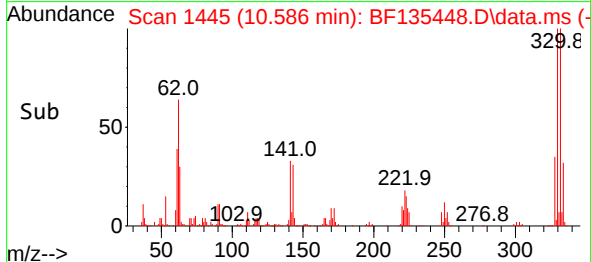
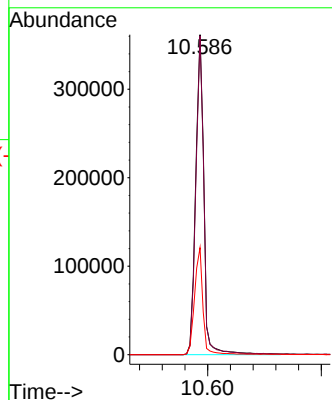
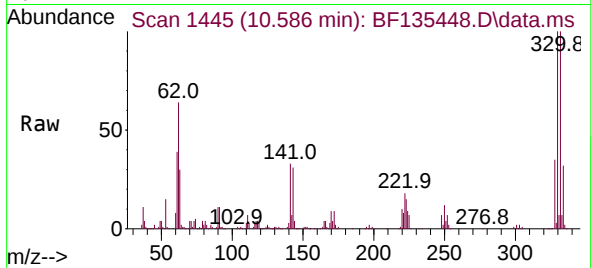




#42
2,4,6-Tribromophenol
Concen: 107.890 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

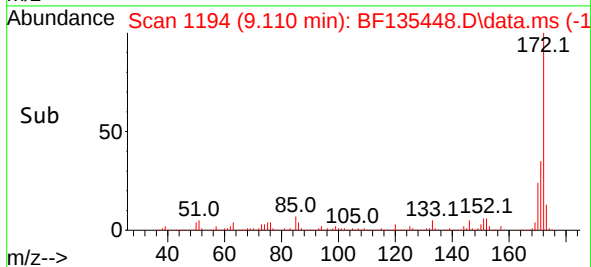
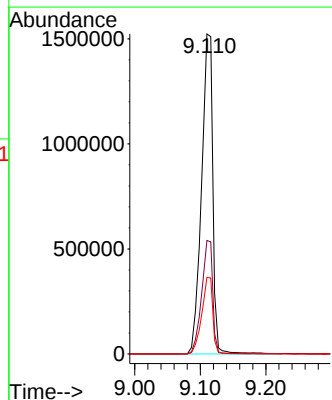
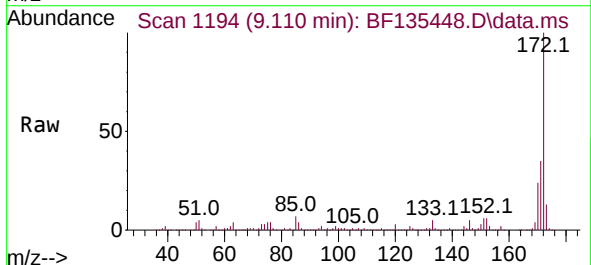
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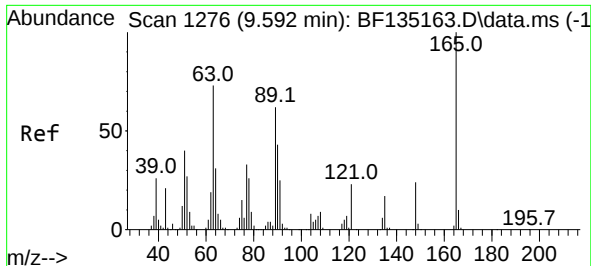
Tgt Ion:330 Resp: 365434
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 34.1 25.8 38.8



#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

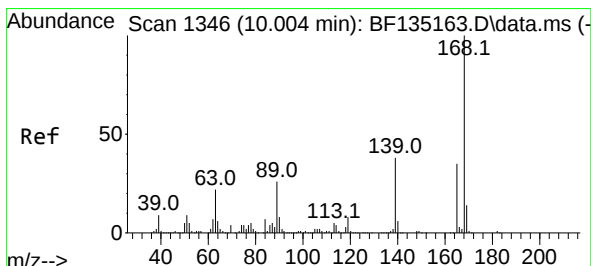
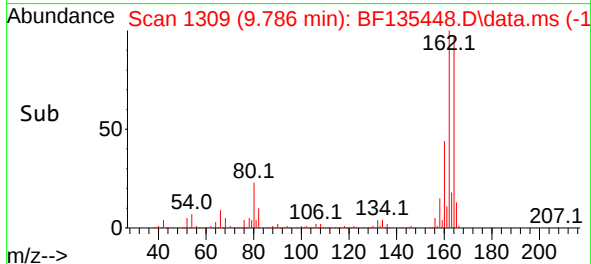
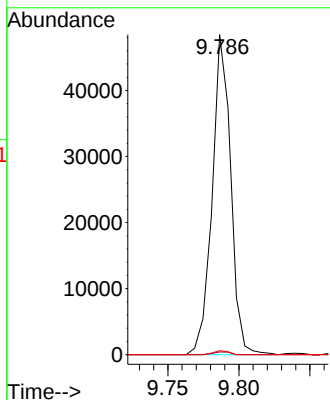
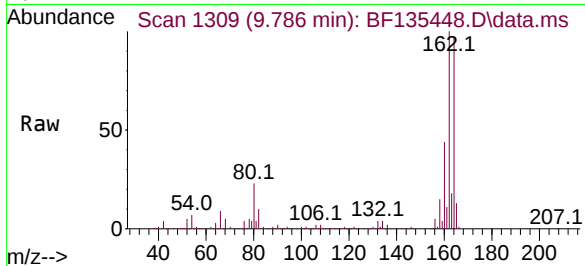




#51
2,6-Dinitrotoluene
Concen: 8.699 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

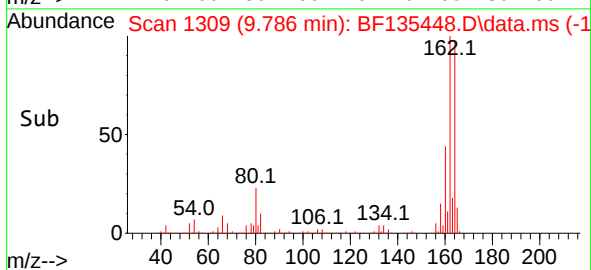
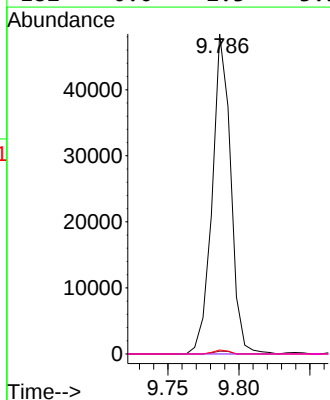
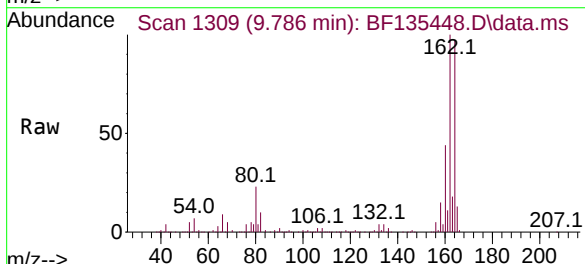
Instrument :
BNA_F
ClientSampleId :
PB155659TB

Tgt Ion:165 Resp: 43915
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.3 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.949 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.212 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

Tgt Ion:165 Resp: 43915
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#





#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

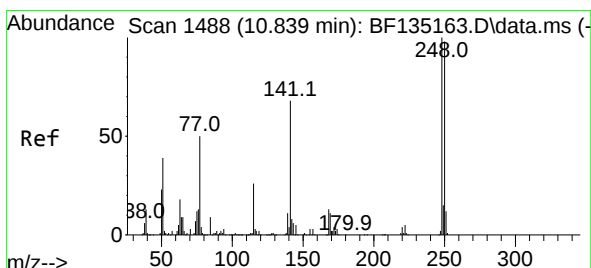
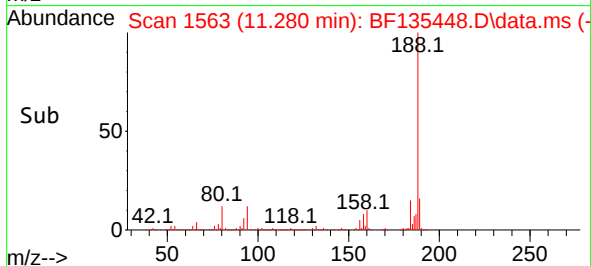
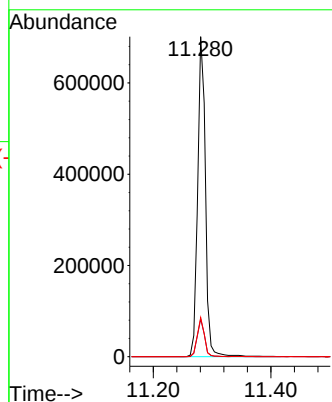
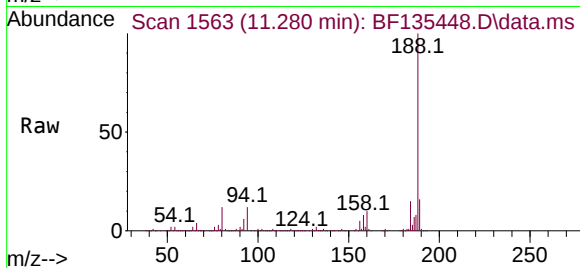
Tgt Ion:188 Resp: 640561

Ion Ratio Lower Upper

188 100

94 11.7 7.0 10.6#

80 12.3 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.635 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135448.D

Acq: 26 Sep 2023 12:44

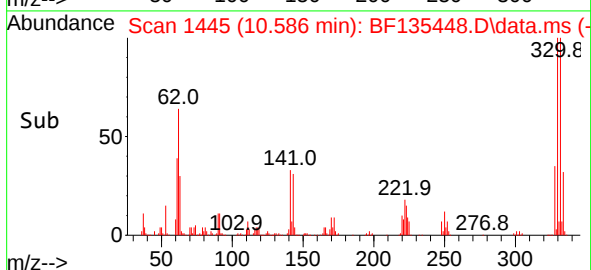
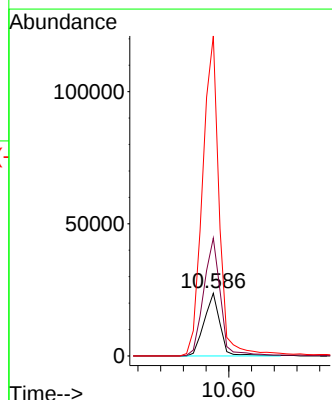
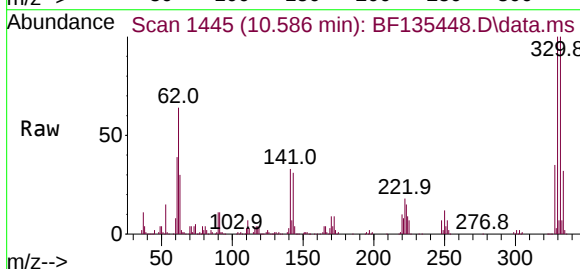
Tgt Ion:248 Resp: 23157

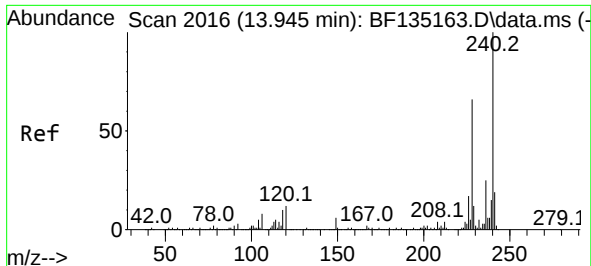
Ion Ratio Lower Upper

248 100

250 188.2 78.6 117.8#

141 510.6 54.2 81.2#

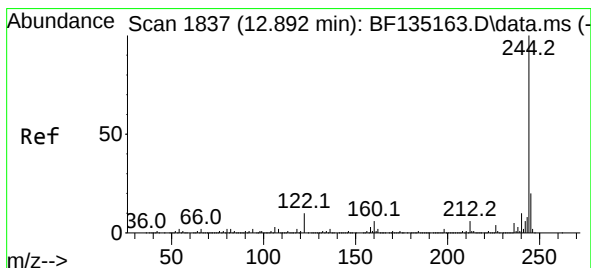
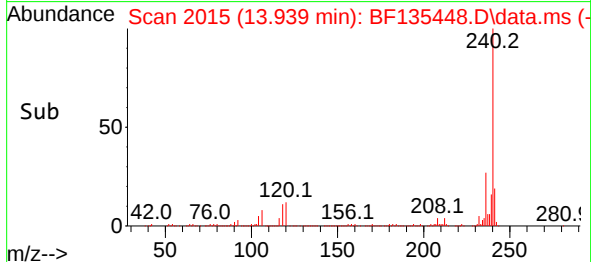
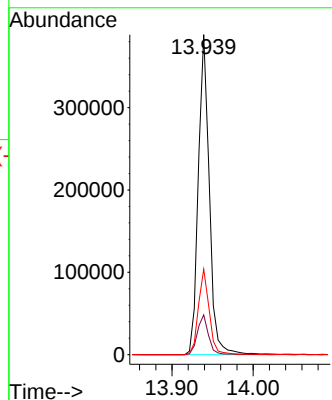
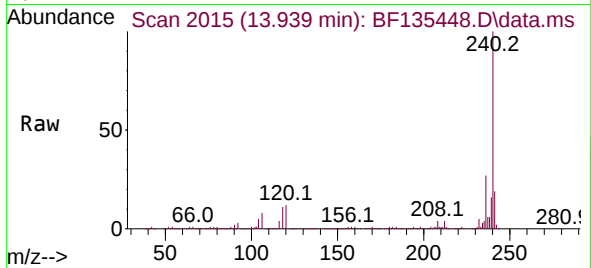




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135448.D
Acq: 26 Sep 2023 12:44

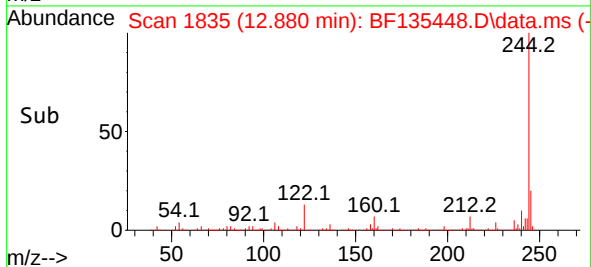
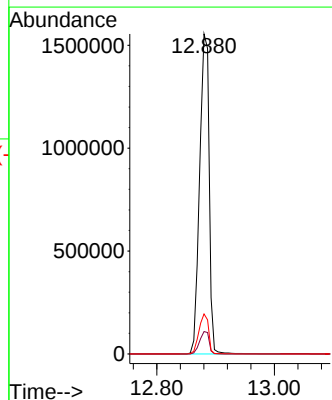
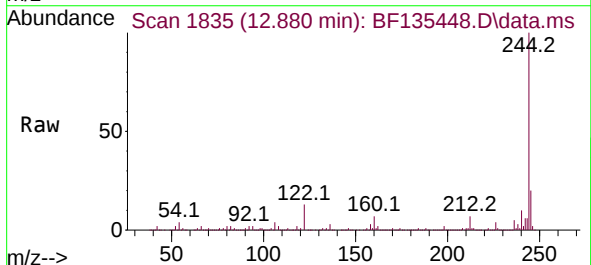
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BNA_F
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PB155659TB

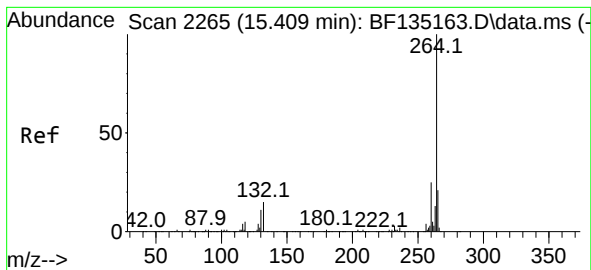
Tgt Ion:240 Resp: 368834
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 26.7 19.8 29.8



#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

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# 21

Delta R.T. 0.000 min

Lab File: BF135448.D

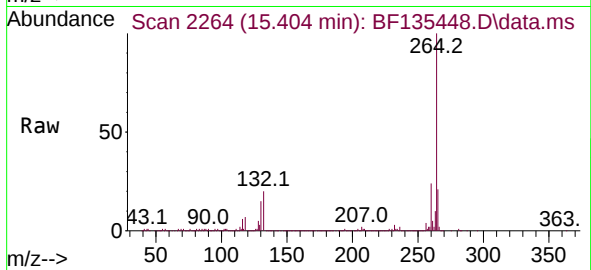
Acq: 26 Sep 2023 12:44

Instrument :

BNA_F

ClientSampleId :

PB155659TB



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

