

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135701.D
 Acq On : 10 Oct 2023 23:42
 Operator : CG\JU
 Sample : 04801-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-100623

Quant Time: Oct 11 03:06:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

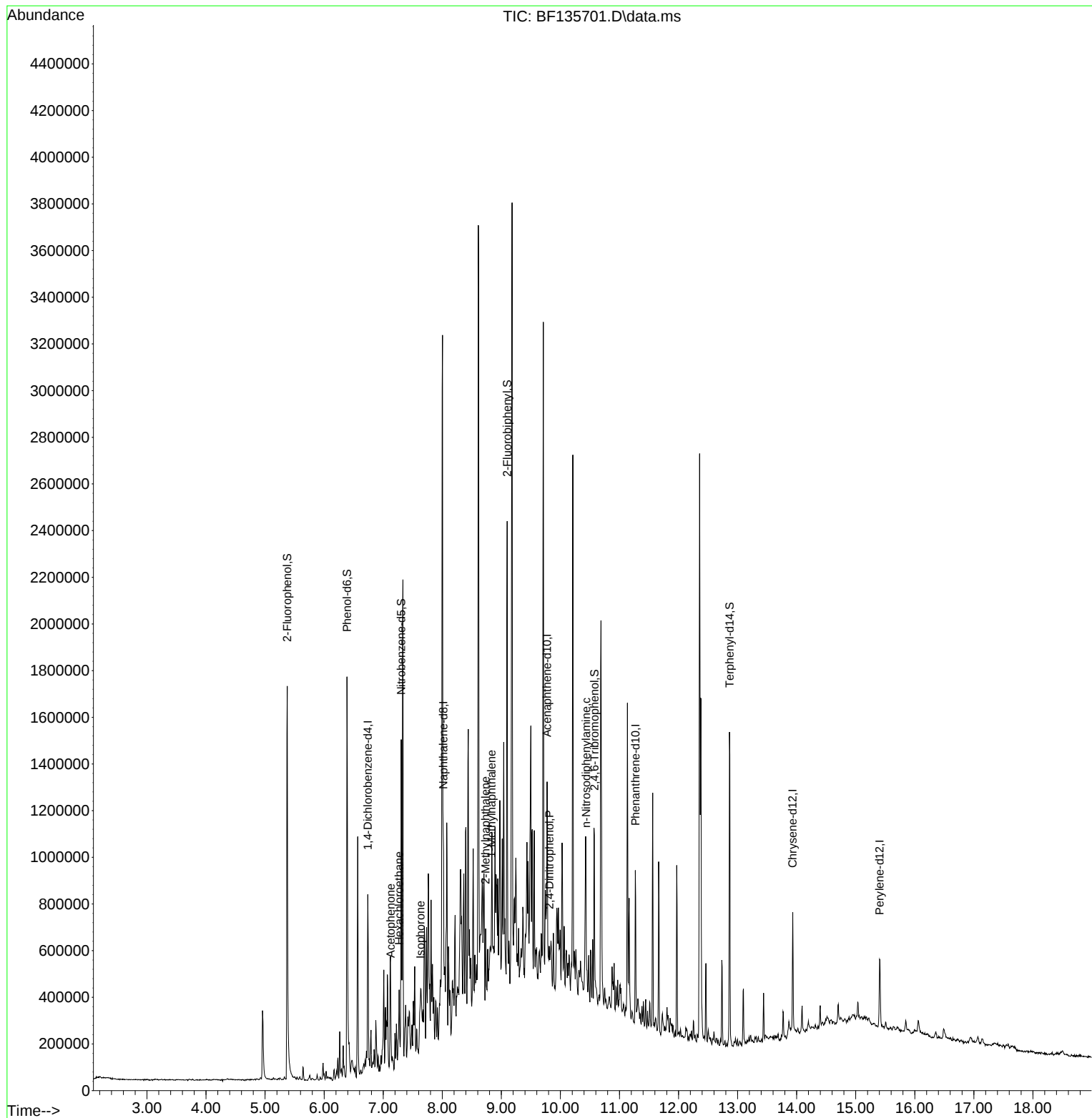
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	90740	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	332068	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	143323	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	228829	20.000	ng	0.00
76) Chrysene-d12	13.933	240	169230	20.000	ng	0.00
86) Perylene-d12	15.404	264	138184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	532880	95.515	ng	0.00
7) Phenol-d6	6.387	99	605510	85.354	ng	0.00
23) Nitrobenzene-d5	7.304	82	352829	57.726	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	102111	71.693	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	616592	64.907	ng	0.00
79) Terphenyl-d14	12.863	244	487235	44.632	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.269	117	10740	4.720	ng	# 1
22) Acetophenone	7.128	105	53642	7.066	ng	# 47
25) Isophorone	7.628	82	34662	3.088	ng	# 63
37) 2-Methylnaphthalene	8.734	142	38940	3.590	ng	99
38) 1-Methylnaphthalene	8.834	142	30116	2.966	ng	93
54) 2,4-Dinitrophenol	9.816	184	60	6.294	ng	# 1
66) n-Nitrosodiphenylamine	10.433	169	14644	2.114	ng	# 55

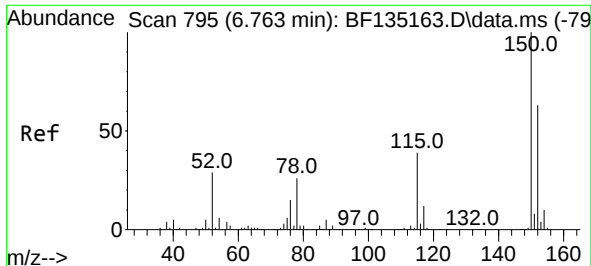
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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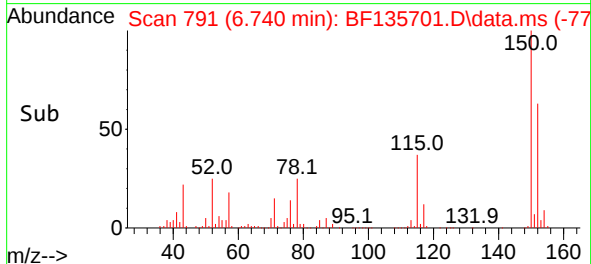
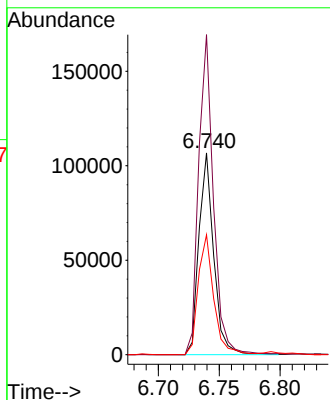
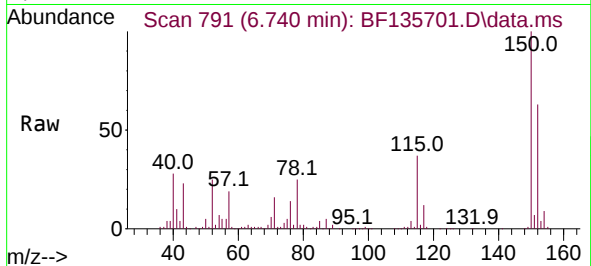




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135701.D
Acq: 10 Oct 2023 23:42

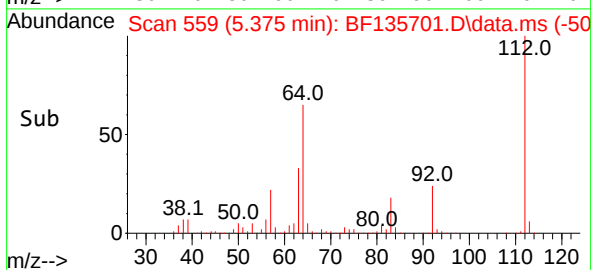
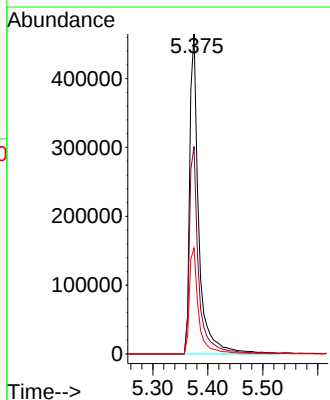
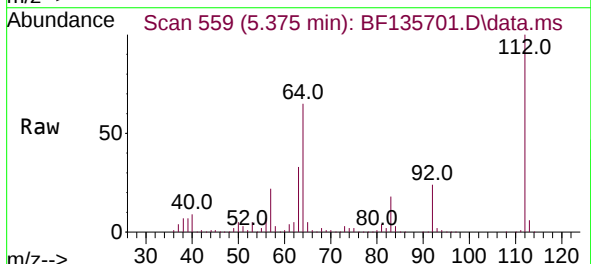
Instrument :
BNA_F
ClientSampleId :
HR-2-100623

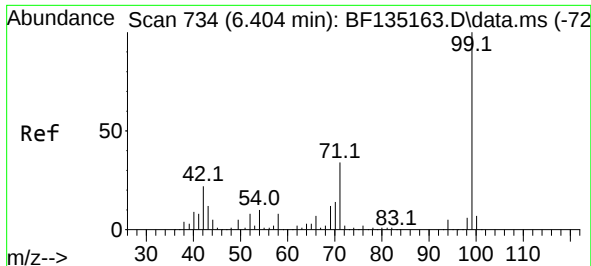
Tgt Ion:152 Resp: 90740
Ion Ratio Lower Upper
152 100
150 158.6 127.8 191.6
115 59.4 49.8 74.8



#5
2-Fluorophenol
Concen: 95.515 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135701.D
Acq: 10 Oct 2023 23:42

Tgt Ion:112 Resp: 532880
Ion Ratio Lower Upper
112 100
64 64.9 55.9 83.9
63 33.1 29.0 43.6





#7

Phenol-d6

Concen: 85.354 ng

RT: 6.387 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

Instrument :

BNA_F

ClientSampleId :

HR-2-100623

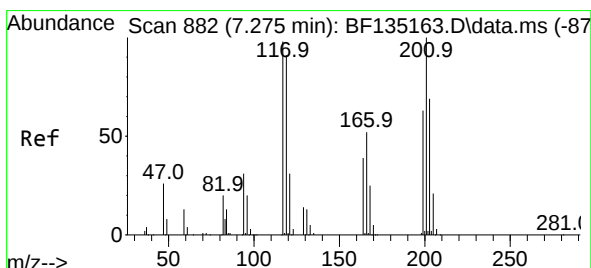
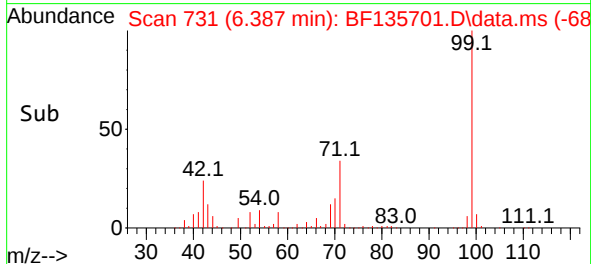
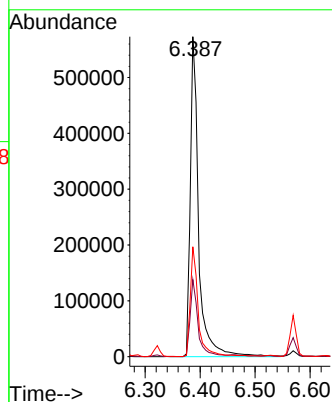
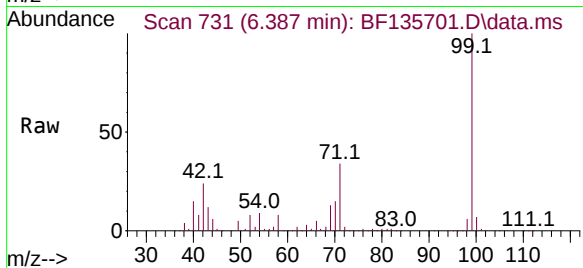
Tgt Ion: 99 Resp: 605510

Ion Ratio Lower Upper

99 100

42 24.1 17.9 26.9

71 34.4 27.0 40.6



#18

Hexachloroethane

Concen: 4.720 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.024 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

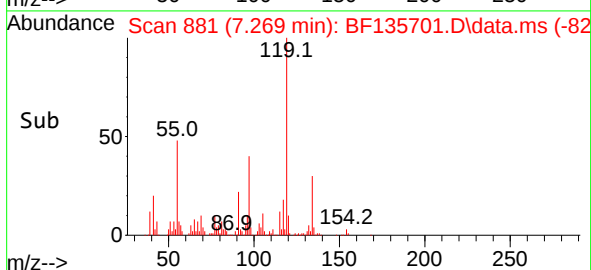
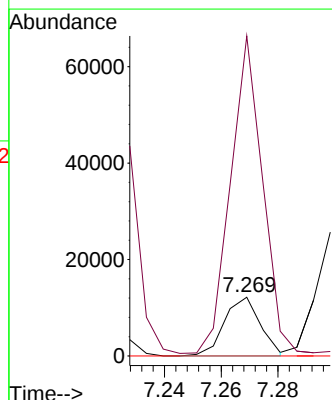
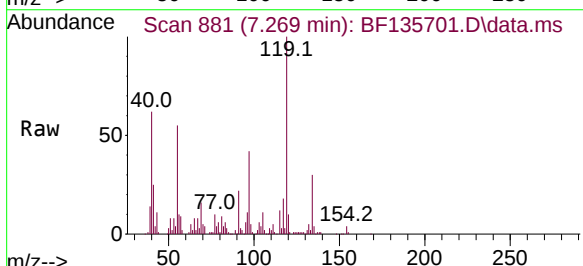
Tgt Ion: 117 Resp: 10740

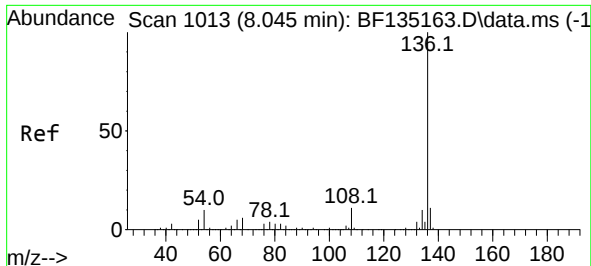
Ion Ratio Lower Upper

117 100

119 544.8 74.7 112.1#

201 0.0 81.8 122.8#

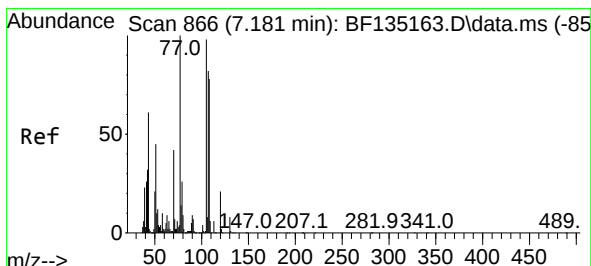
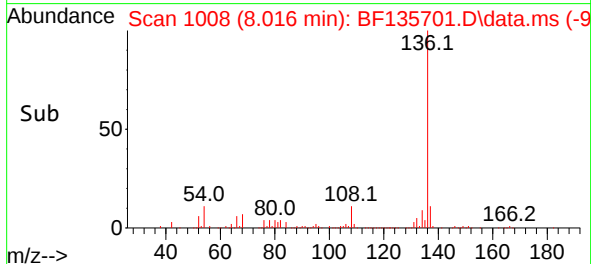
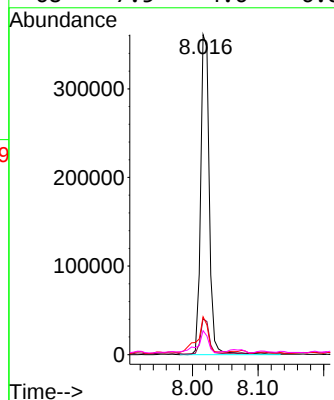
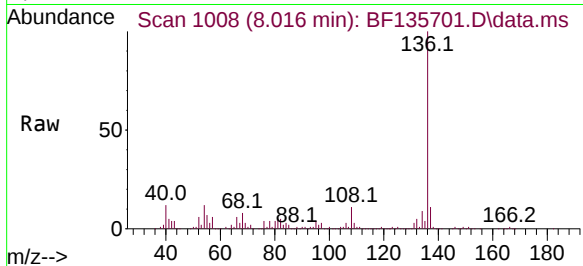




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135701.D
Acq: 10 Oct 2023 23:42

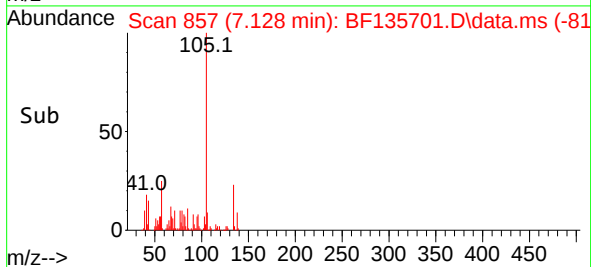
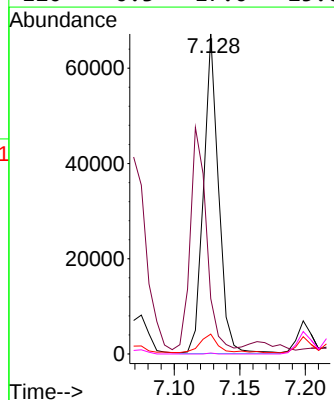
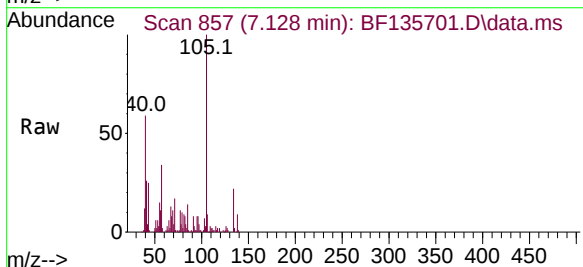
Instrument :
BNA_F
ClientSampleId :
HR-2-100623

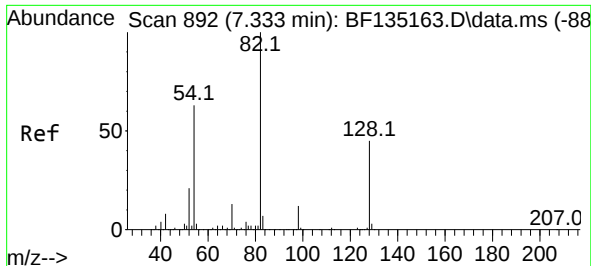
Tgt Ion:136 Resp: 332068
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 11.8 7.7 11.5#
68 7.5 4.6 6.8#



#22
Acetophenone
Concen: 7.066 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.029 min
Lab File: BF135701.D
Acq: 10 Oct 2023 23:42

Tgt Ion:105 Resp: 53642
Ion Ratio Lower Upper
105 100
71 17.3 5.8 8.6#
51 6.2 37.0 55.4#
120 0.3 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 57.726 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

Instrument :

BNA_F

ClientSampleId :

HR-2-100623

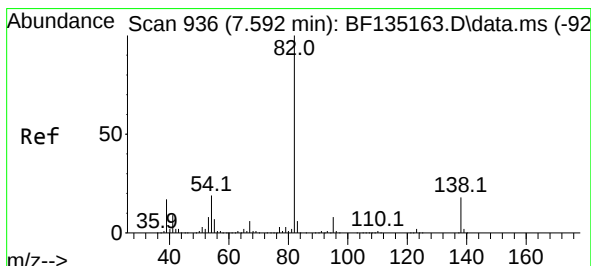
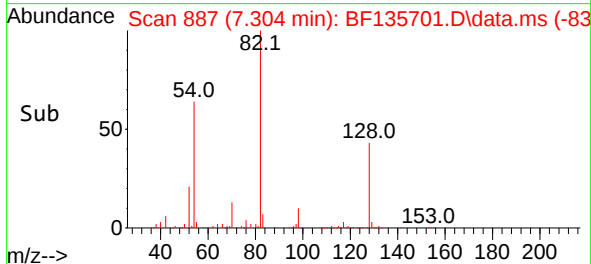
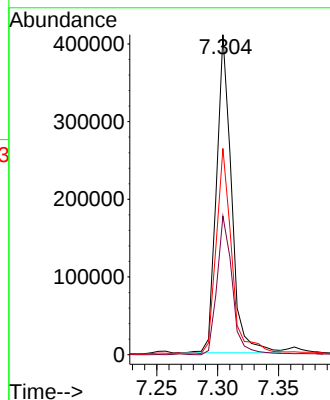
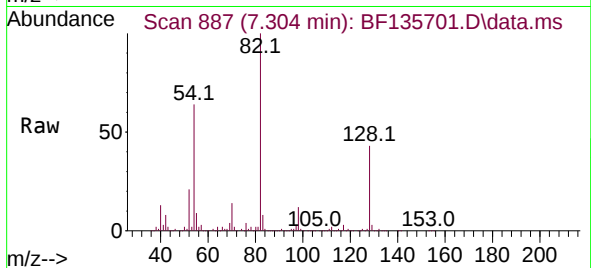
Tgt Ion: 82 Resp: 352829

Ion Ratio Lower Upper

82 100

128 43.3 35.8 53.6

54 64.5 50.6 76.0



#25

Isophorone

Concen: 3.088 ng

RT: 7.628 min Scan# 942

Delta R.T. 0.065 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

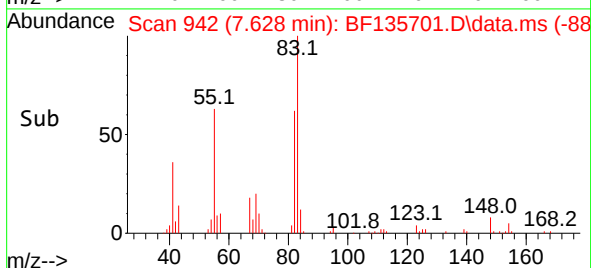
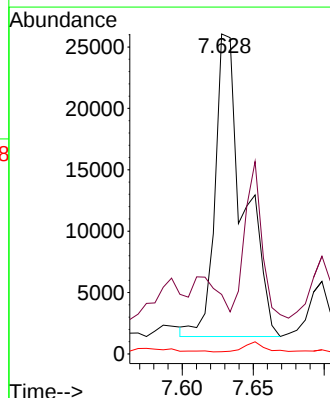
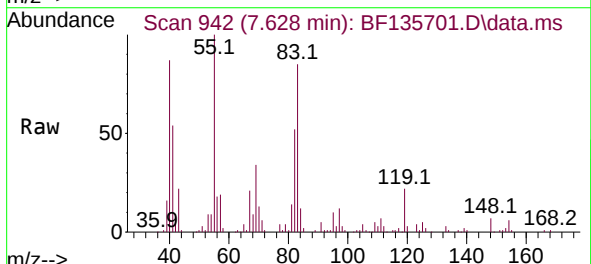
Tgt Ion: 82 Resp: 34662

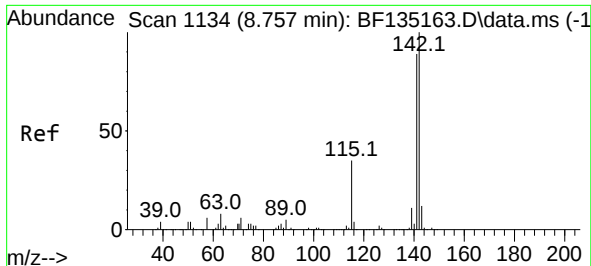
Ion Ratio Lower Upper

82 100

95 18.6 6.0 9.0#

138 0.7 14.5 21.7#





#37

2-Methylnaphthalene

Concen: 3.590 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

Instrument :

BNA_F

ClientSampleId :

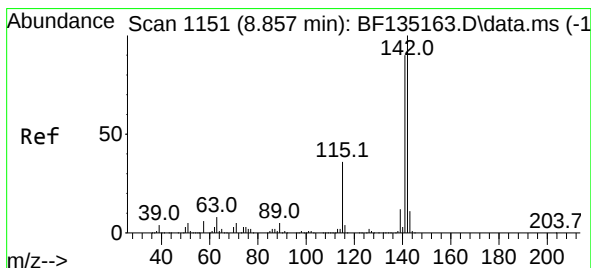
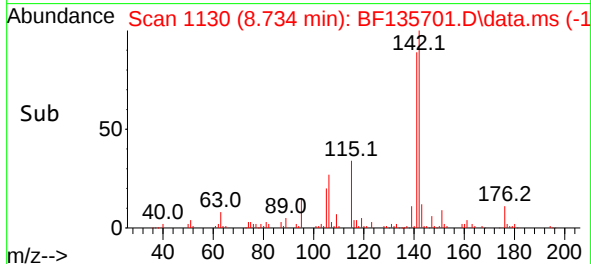
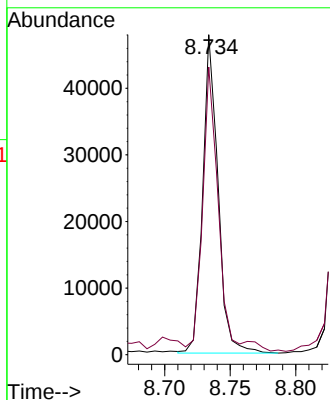
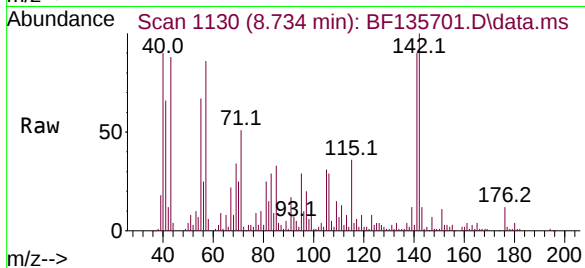
HR-2-100623

Tgt Ion:142 Resp: 38940

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 2.966 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135701.D

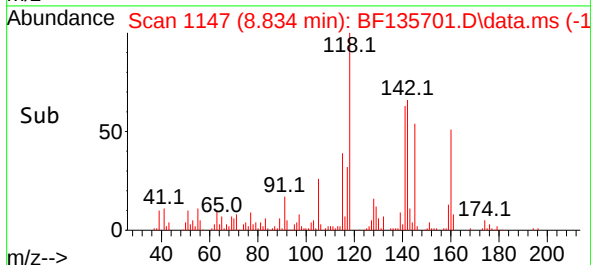
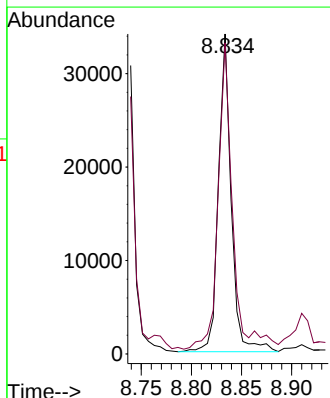
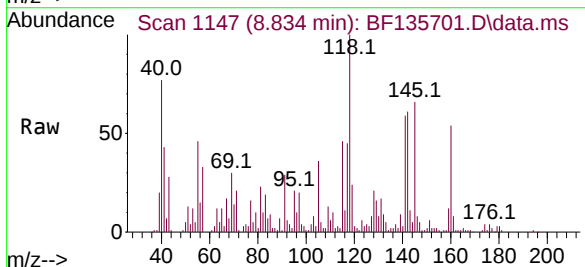
Acq: 10 Oct 2023 23:42

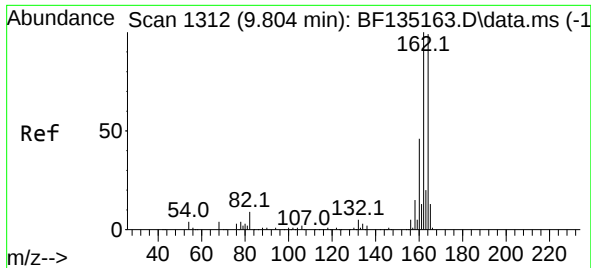
Tgt Ion:142 Resp: 30116

Ion Ratio Lower Upper

142 100

141 97.2 72.4 108.6

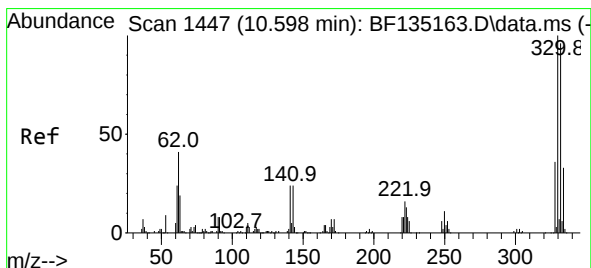
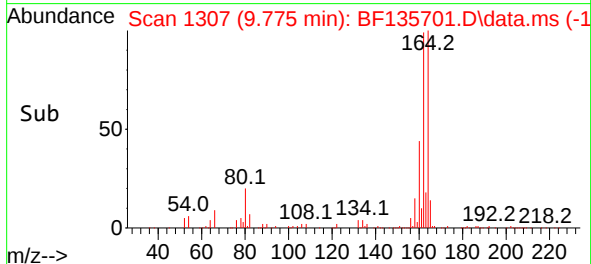
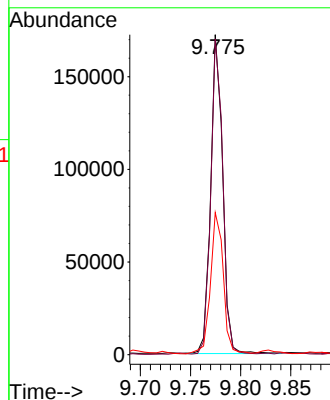
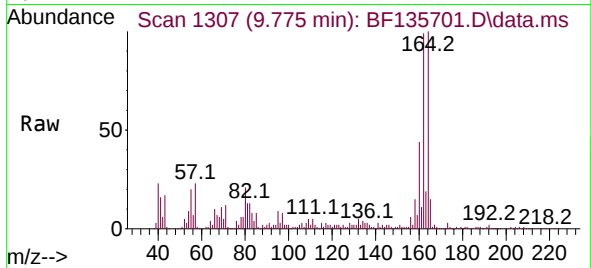




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135701.D
Acq: 10 Oct 2023 23:42

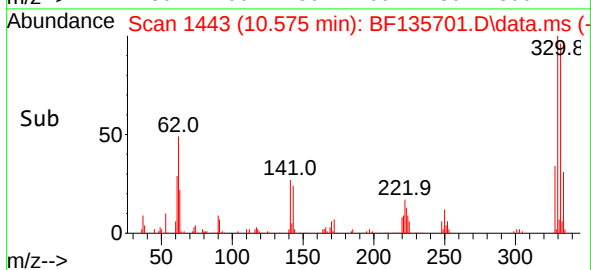
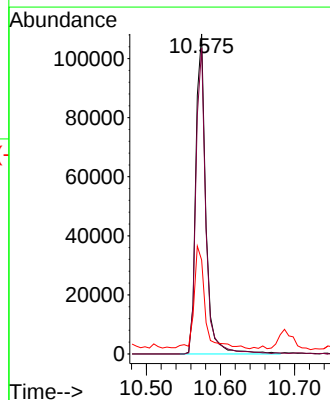
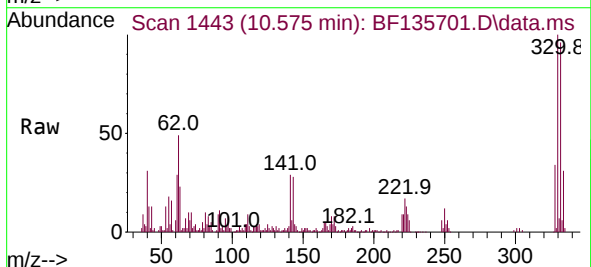
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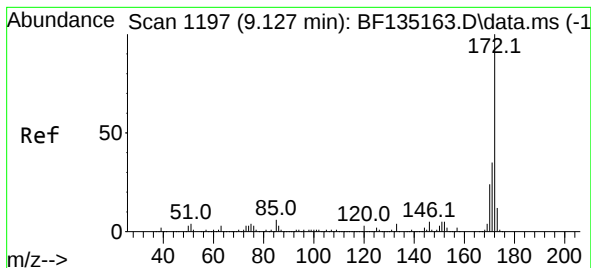
Tgt Ion:164 Resp: 143323
Ion Ratio Lower Upper
164 100
162 98.7 81.0 121.4
160 44.4 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 71.693 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF135701.D
Acq: 10 Oct 2023 23:42

Tgt Ion:330 Resp: 102111
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 35.0 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 64.907 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

Instrument :

BNA_F

ClientSampleId :

HR-2-100623

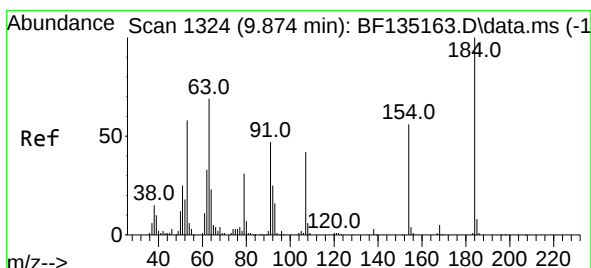
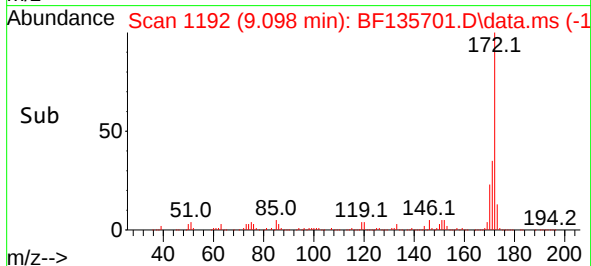
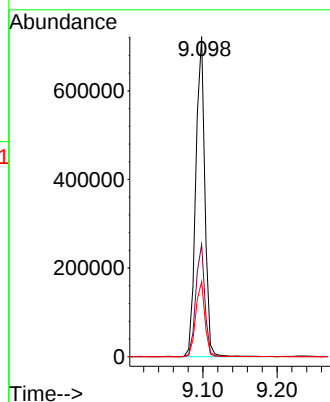
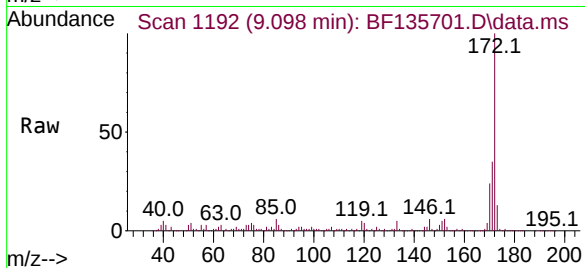
Tgt Ion:172 Resp: 616592

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 6.294 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.059 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

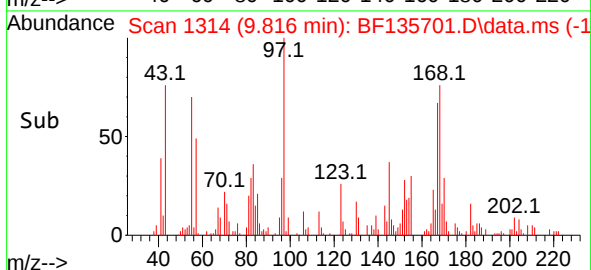
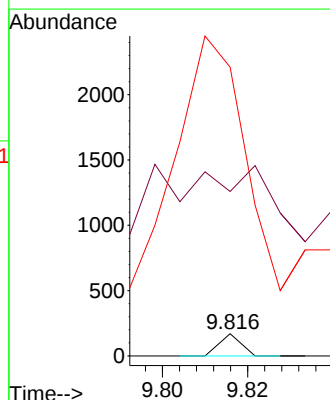
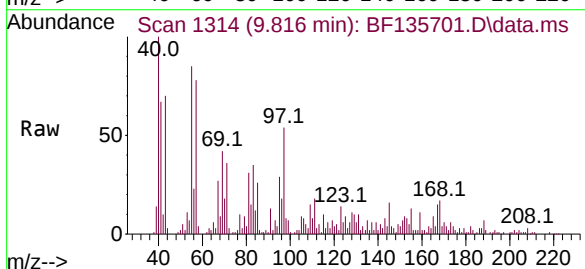
Tgt Ion:184 Resp: 60

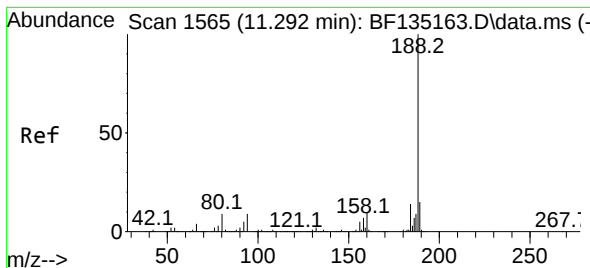
Ion Ratio Lower Upper

184 100

63 740.6 55.1 82.7#

154 1300.6 48.4 72.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

Instrument :

BNA_F

ClientSampleId :

HR-2-100623

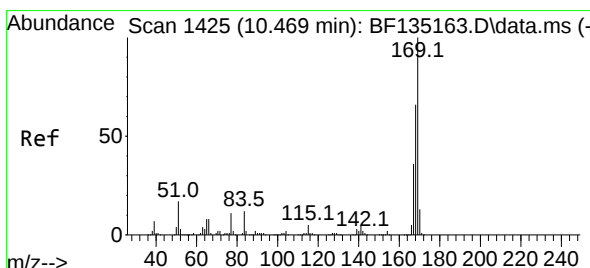
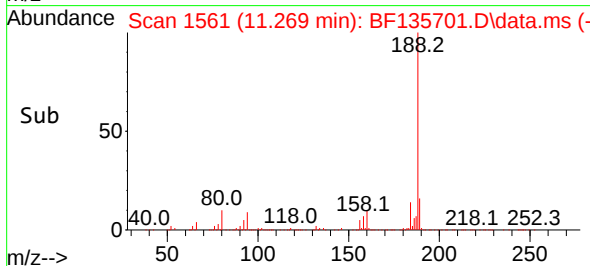
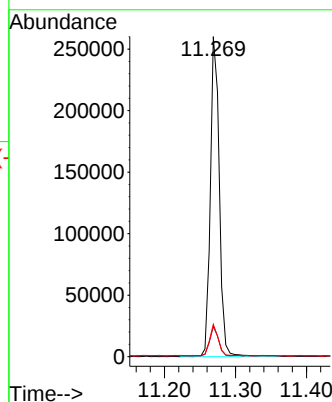
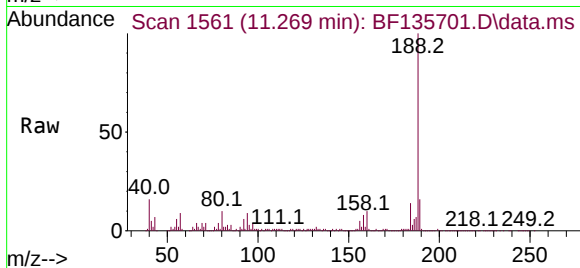
Tgt Ion:188 Resp: 228829

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 10.2 7.5 11.3



#66

n-Nitrosodiphenylamine

Concen: 2.114 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.012 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

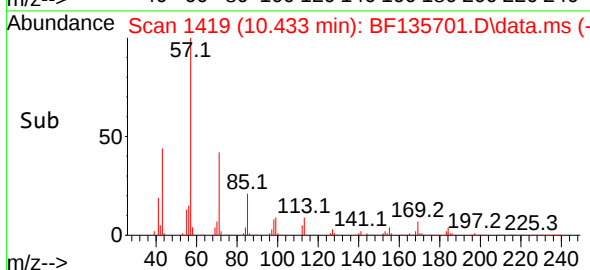
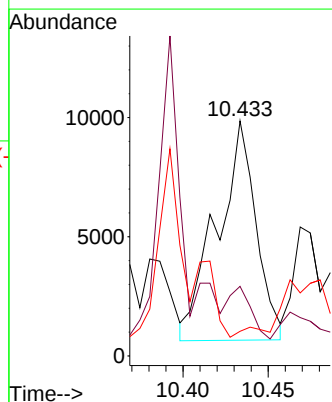
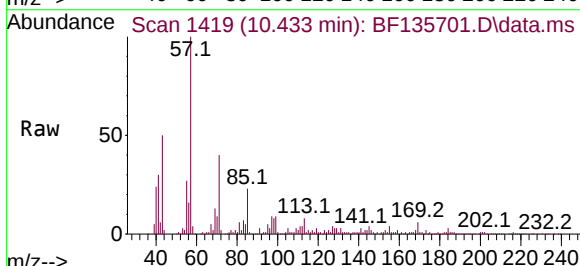
Tgt Ion:169 Resp: 14644

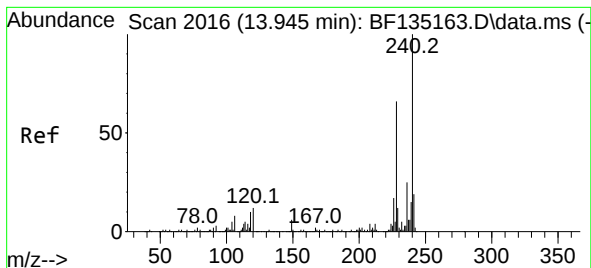
Ion Ratio Lower Upper

169 100

168 29.6 52.8 79.2#

167 10.5 29.0 43.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

Instrument :

BNA_F

ClientSampleId :

HR-2-100623

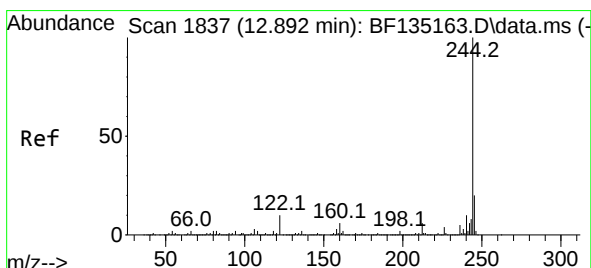
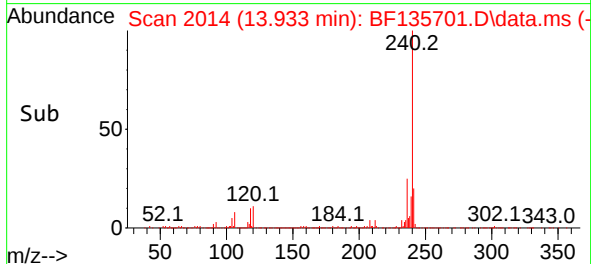
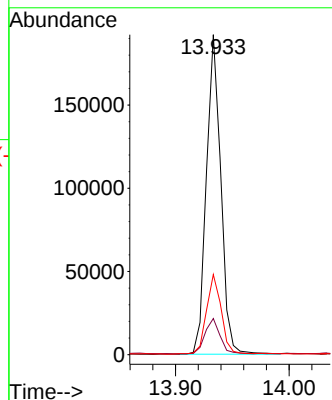
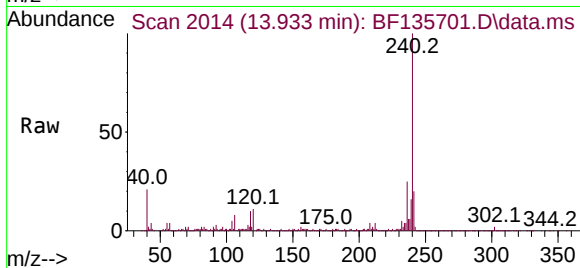
Tgt Ion:240 Resp: 169230

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 25.1 19.8 29.8



#79

Terphenyl-d14

Concen: 44.632 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF135701.D

Acq: 10 Oct 2023 23:42

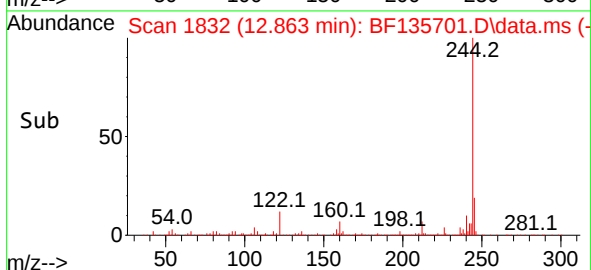
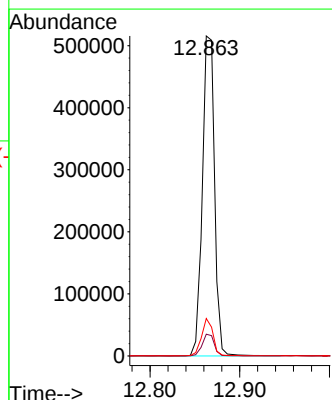
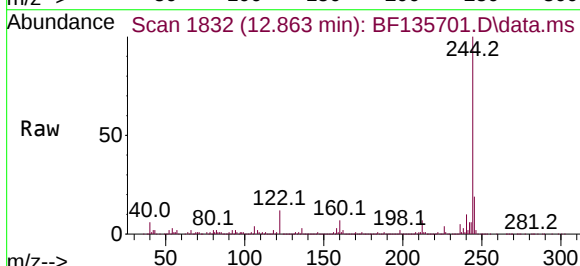
Tgt Ion:244 Resp: 487235

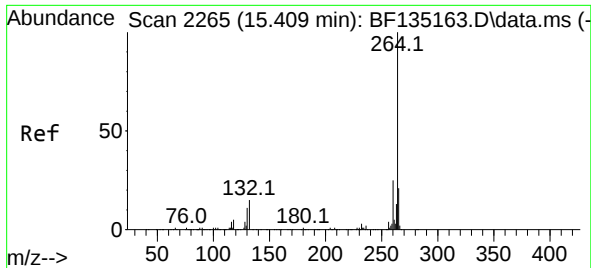
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

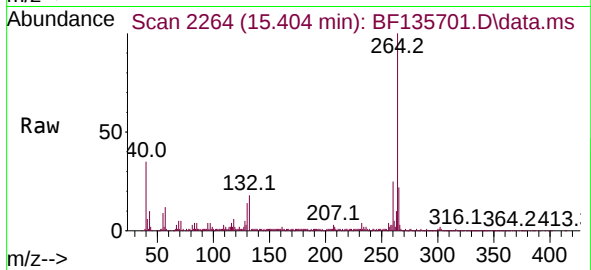
122 11.7 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135701.D
Acq: 10 Oct 2023 23:42

Instrument :
BNA_F
ClientSampleId :
HR-2-100623



Tgt Ion:264 Resp: 138184

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.6	17.0	25.4

