

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135533.D
 Acq On : 02 Oct 2023 18:14
 Operator : CG\JU
 Sample : 04668-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200045

Quant Time: Oct 03 02:56:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

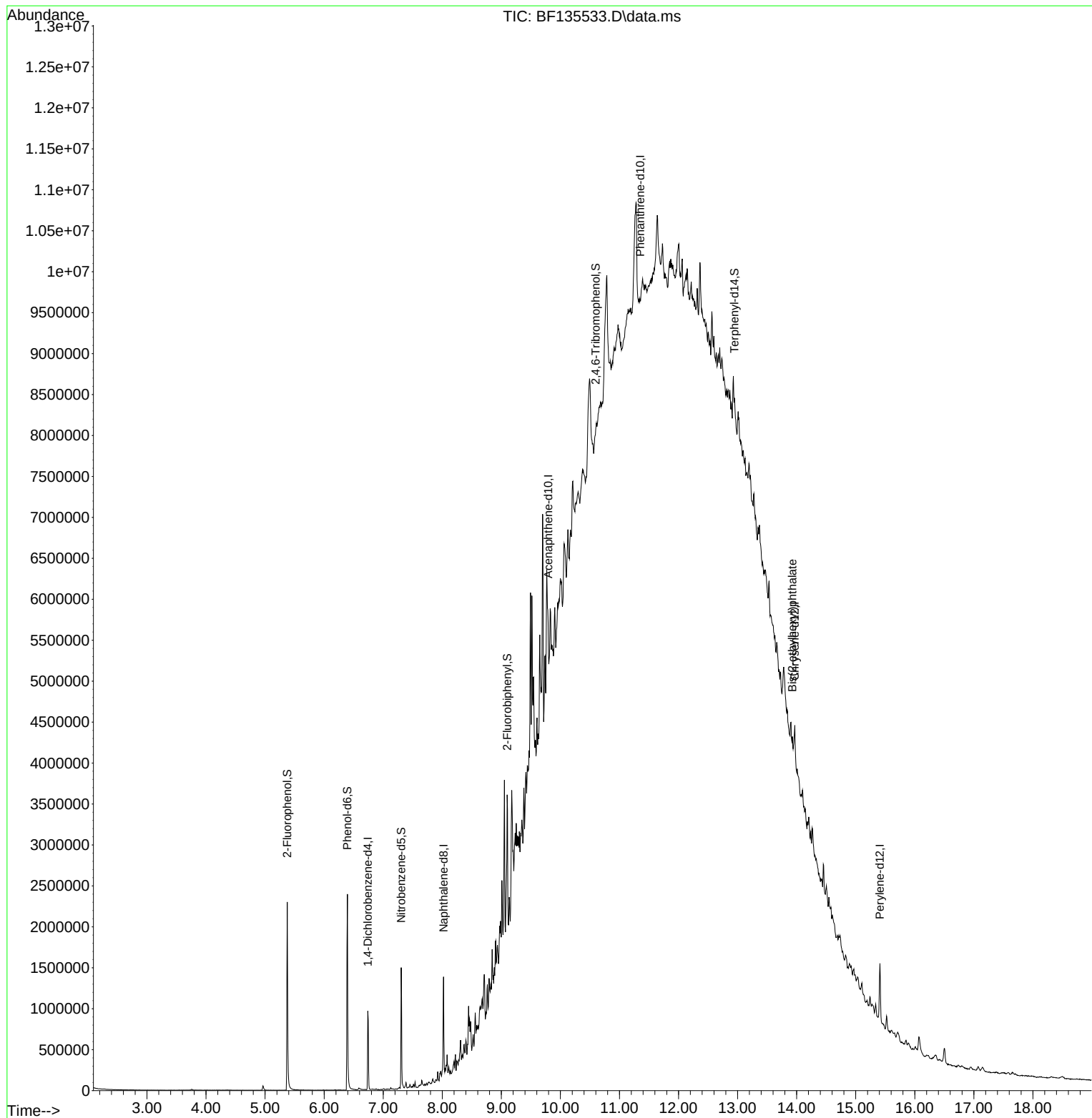
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	144205	20.000	ng	-0.01
21) Naphthalene-d8	8.022	136	486546	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	116971	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	87149	20.000	ng	# 0.08
76) Chrysene-d12	13.969	240	188222	20.000	ng	# 0.04
86) Perylene-d12	15.410	264	314576	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	642168	72.428	ng	0.00
7) Phenol-d6	6.393	99	766974	68.031	ng	-0.01
23) Nitrobenzene-d5	7.304	82	431241	48.154	ng	-0.02
42) 2,4,6-Tribromophenol	10.598	330	62723	53.960	ng	0.02
45) 2-Fluorobiphenyl	9.098	172	576417	74.348	ng	-0.01
79) Terphenyl-d14	12.945	244	233147	19.202	ng	0.07
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	13.927	149	81839	12.640	ng	# 87

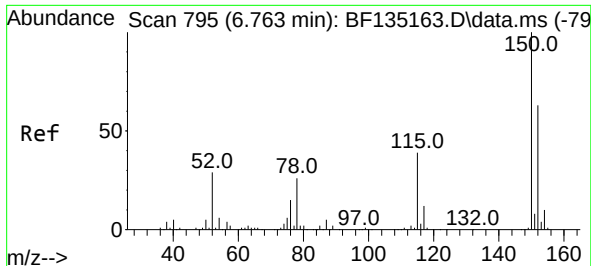
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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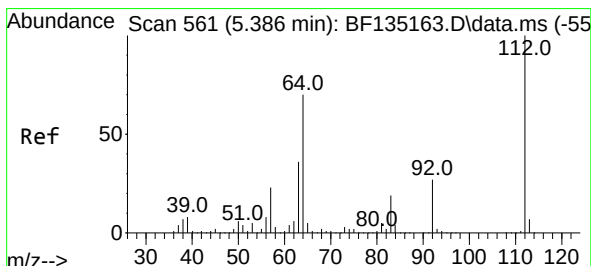
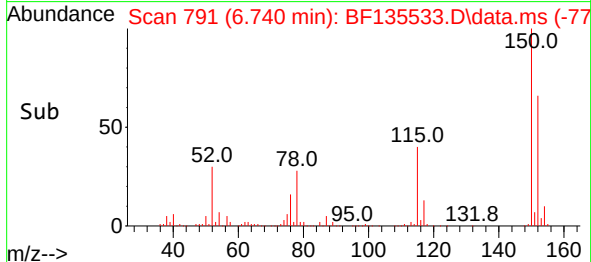
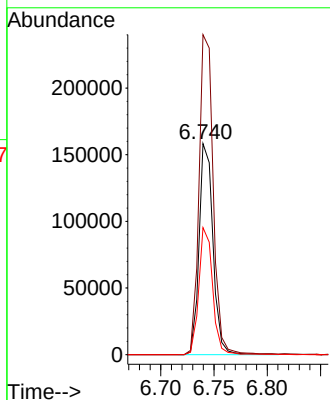
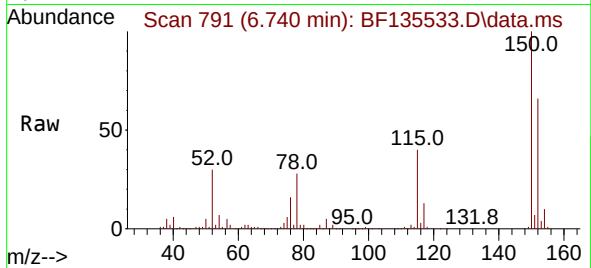




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. -0.011 min
Lab File: BF135533.D
Acq: 02 Oct 2023 18:14

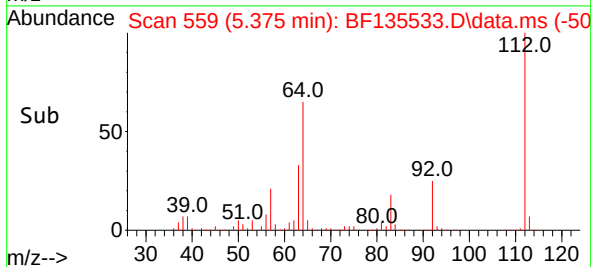
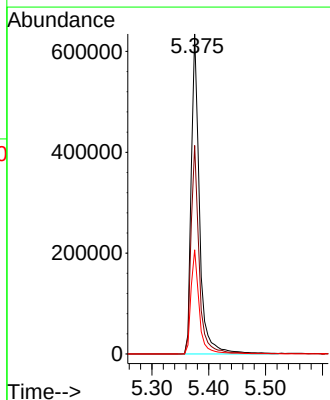
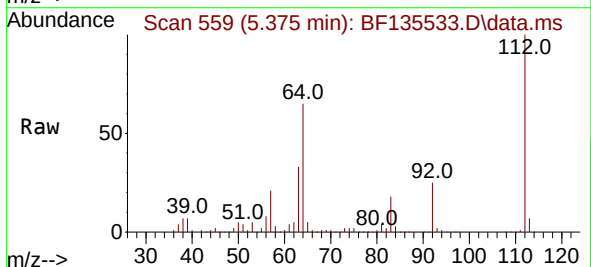
Instrument :
BNA_F
ClientSampleId :
RBR200045

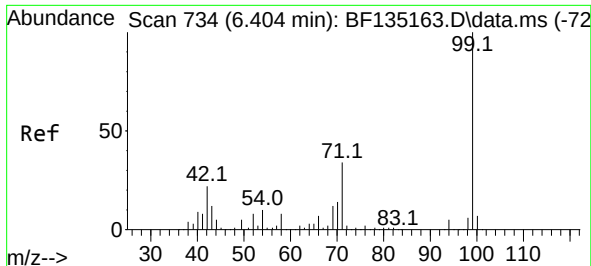
Tgt Ion:152 Resp: 144205
Ion Ratio Lower Upper
152 100
150 151.7 127.8 191.6
115 60.2 49.8 74.8



#5
2-Fluorophenol
Concen: 72.428 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF135533.D
Acq: 02 Oct 2023 18:14

Tgt Ion:112 Resp: 642168
Ion Ratio Lower Upper
112 100
64 65.1 55.9 83.9
63 32.6 29.0 43.6

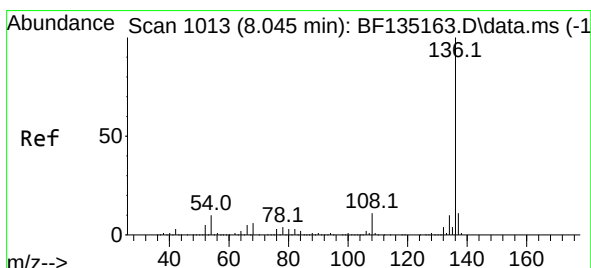
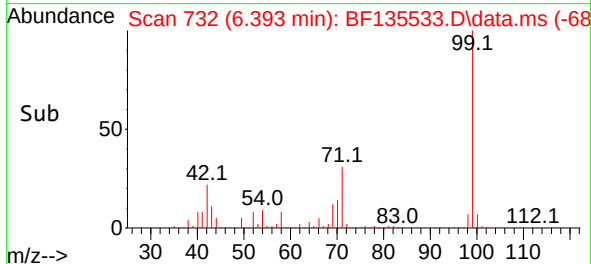
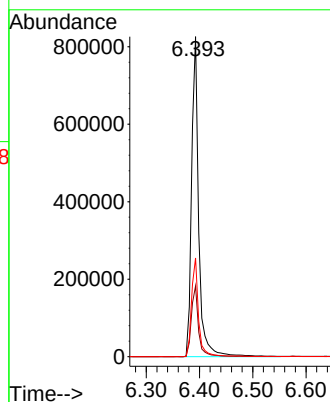
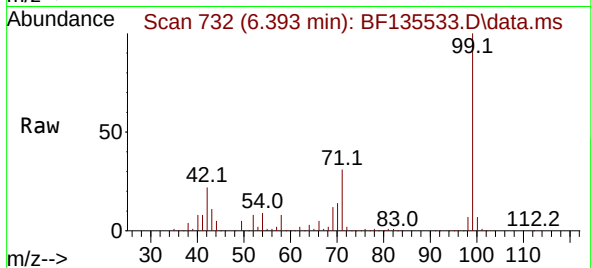




#7
Phenol-d6
Concen: 68.031 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135533.D
Acq: 02 Oct 2023 18:14

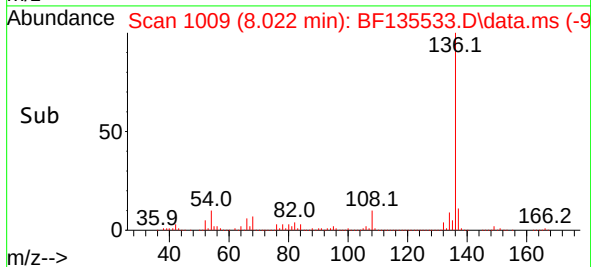
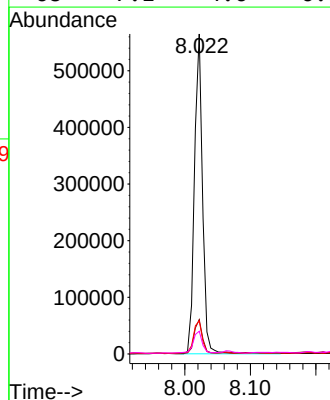
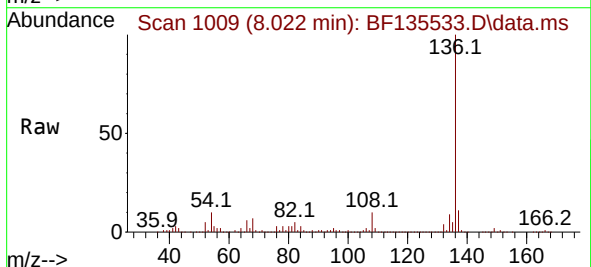
Instrument :
BNA_F
ClientSampleId :
RBR200045

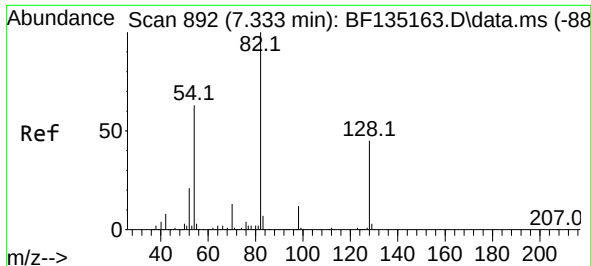
Tgt Ion: 99 Resp: 766974
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 30.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135533.D
Acq: 02 Oct 2023 18:14

Tgt Ion: 136 Resp: 486546
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.4 7.7 11.5
68 7.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 48.154 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF135533.D

Acq: 02 Oct 2023 18:14

Instrument :

BNA_F

ClientSampleId :

RBR200045

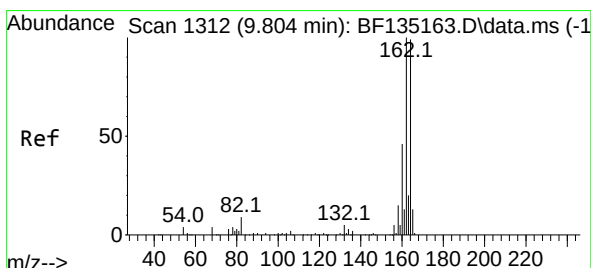
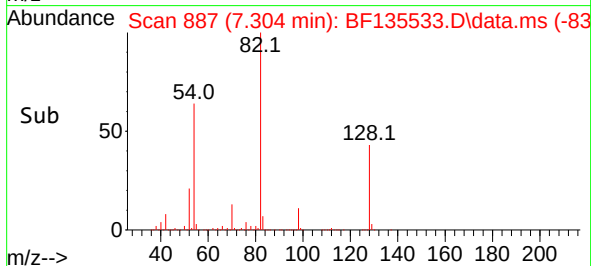
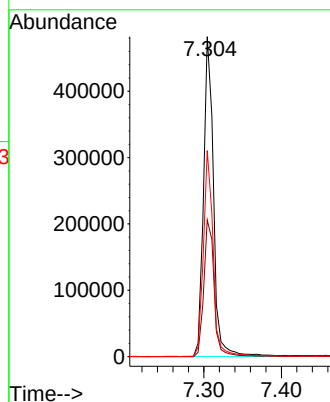
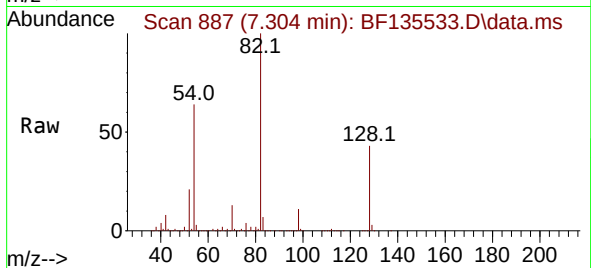
Tgt Ion: 82 Resp: 431241

Ion Ratio Lower Upper

82 100

128 42.8 35.8 53.6

54 64.4 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.006 min

Lab File: BF135533.D

Acq: 02 Oct 2023 18:14

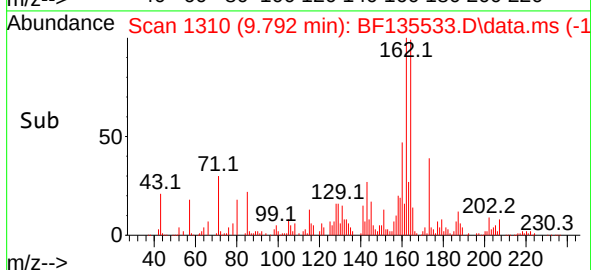
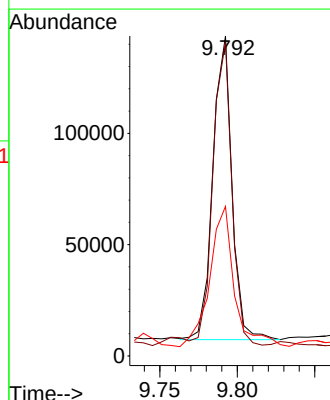
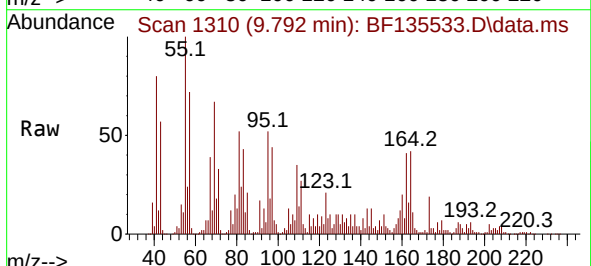
Tgt Ion:164 Resp: 116971

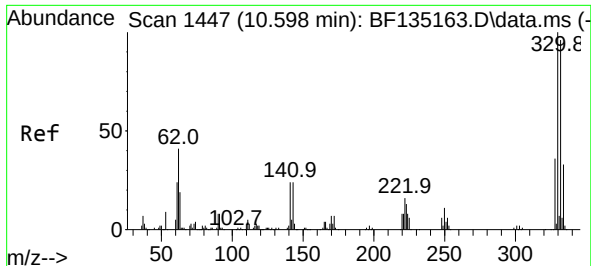
Ion Ratio Lower Upper

164 100

162 98.2 81.0 121.4

160 46.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 53.960 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.018 min

Lab File: BF135533.D

Acq: 02 Oct 2023 18:14

Instrument :

BNA_F

ClientSampleId :

RBR200045

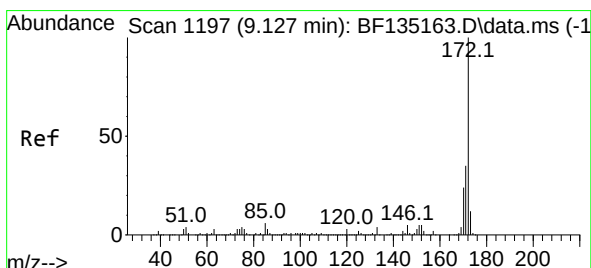
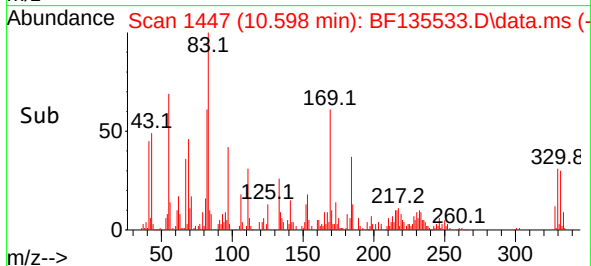
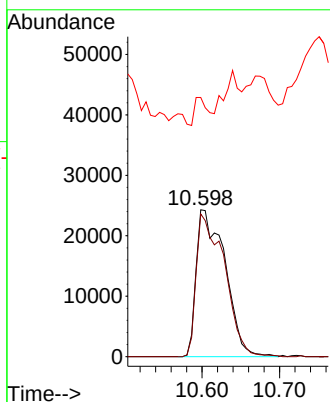
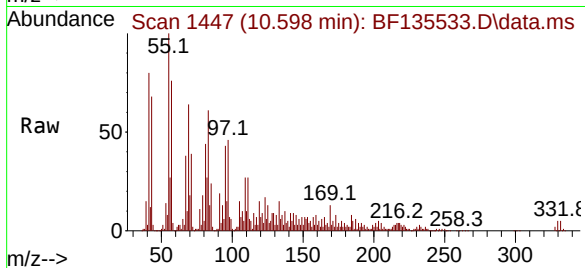
Tgt Ion:330 Resp: 62723

Ion Ratio Lower Upper

330 100

332 95.1 77.3 115.9

141 9.2 25.8 38.8#



#45

2-Fluorobiphenyl

Concen: 74.348 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.012 min

Lab File: BF135533.D

Acq: 02 Oct 2023 18:14

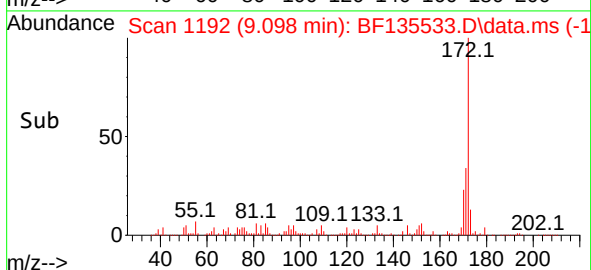
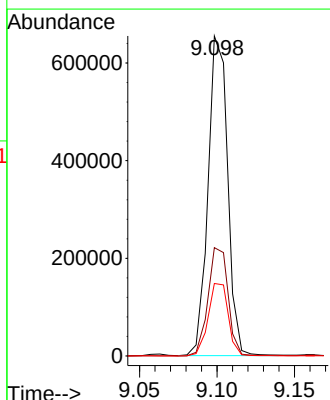
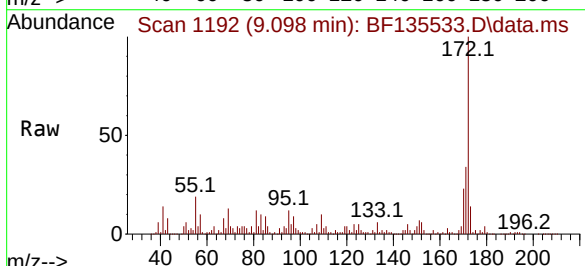
Tgt Ion:172 Resp: 576417

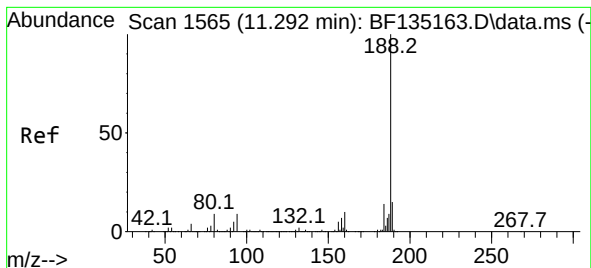
Ion Ratio Lower Upper

172 100

171 33.8 28.4 42.6

170 22.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. 0.077 min

Lab File: BF135533.D

Acq: 02 Oct 2023 18:14

Instrument :

BNA_F

ClientSampleId :

RBR200045

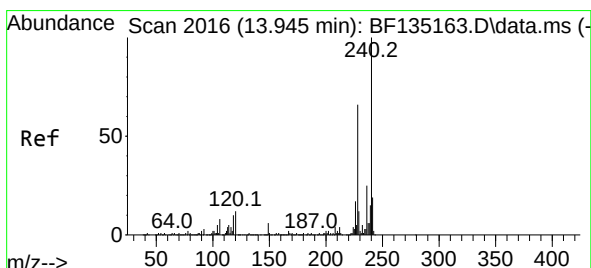
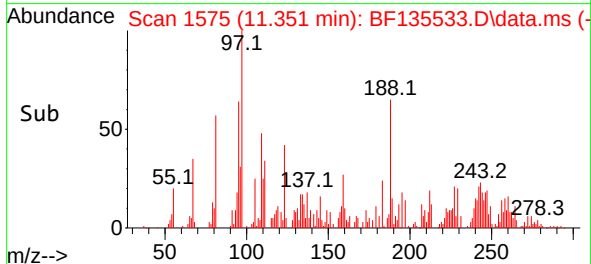
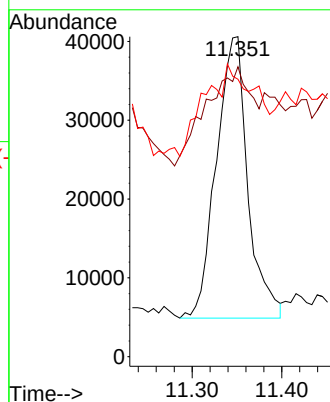
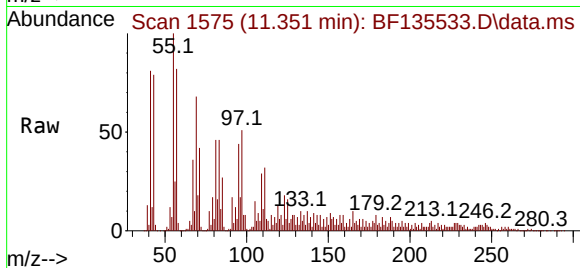
Tgt Ion:188 Resp: 87149

Ion Ratio Lower Upper

188 100

94 90.6 7.0 10.6#

80 86.7 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.035 min

Lab File: BF135533.D

Acq: 02 Oct 2023 18:14

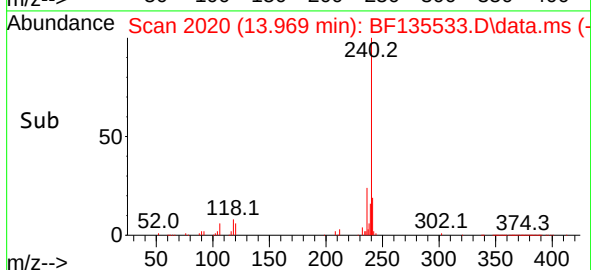
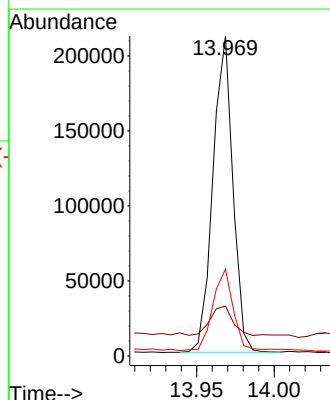
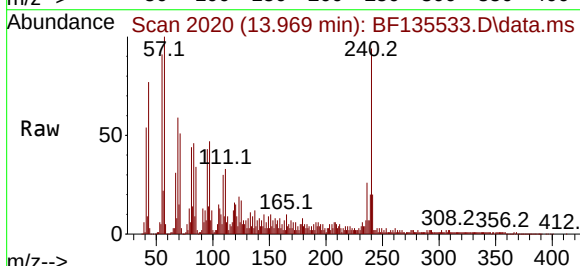
Tgt Ion:240 Resp: 188222

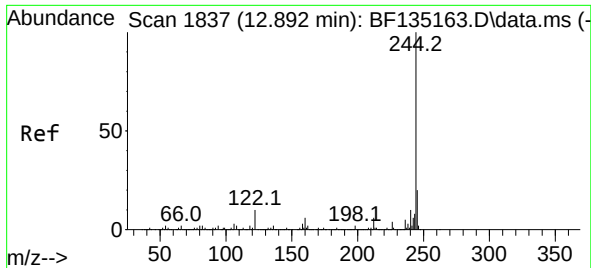
Ion Ratio Lower Upper

240 100

120 15.6 9.4 14.2#

236 27.2 19.8 29.8

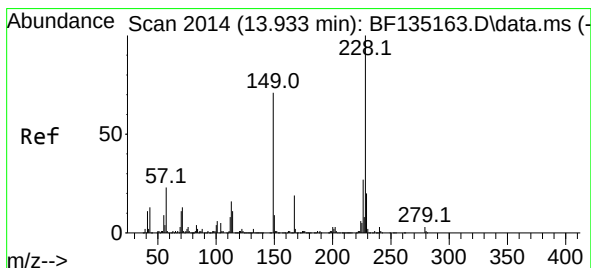
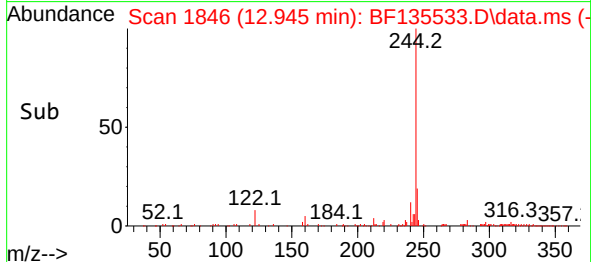
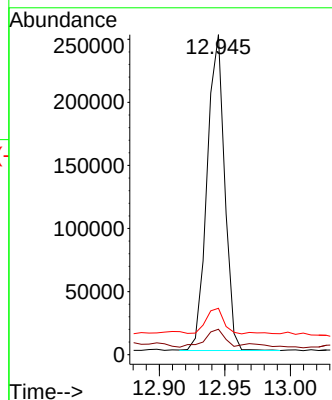
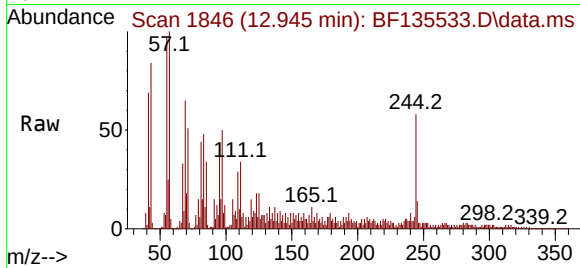




#79
 Terphenyl-d14
 Concen: 19.202 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.071 min
 Lab File: BF135533.D
 Acq: 02 Oct 2023 18:14

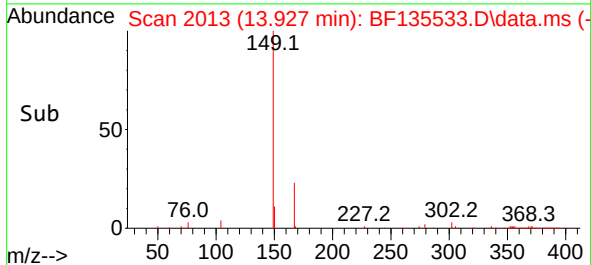
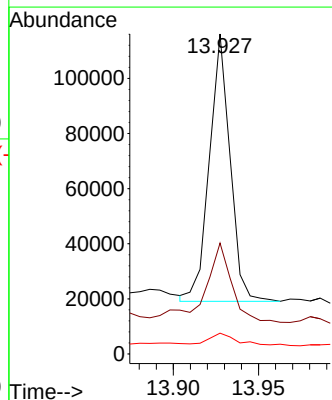
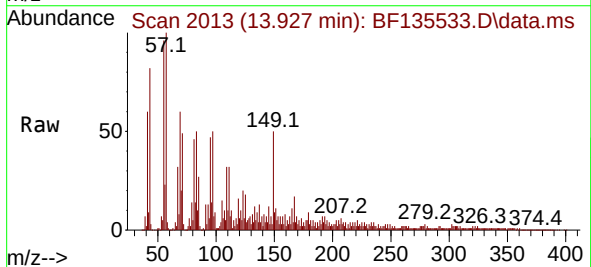
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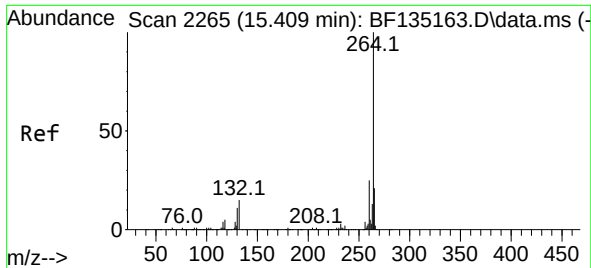
Tgt Ion:244 Resp: 233147
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.1 7.7#
 122 14.5 7.9 11.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.640 ng
 RT: 13.927 min Scan# 2013
 Delta R.T. 0.018 min
 Lab File: BF135533.D
 Acq: 02 Oct 2023 18:14

Tgt Ion:149 Resp: 81839
 Ion Ratio Lower Upper
 149 100
 167 34.7 21.9 32.9#
 279 6.5 3.3 4.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF135533.D
Acq: 02 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :
RBR200045

Tgt Ion:264 Resp: 314576

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	22.5	17.0	25.4

