

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135835.D
 Acq On : 18 Oct 2023 03:08
 Operator : CG\JU
 Sample : 04645-02DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 02DL

Quant Time: Oct 18 05:05:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

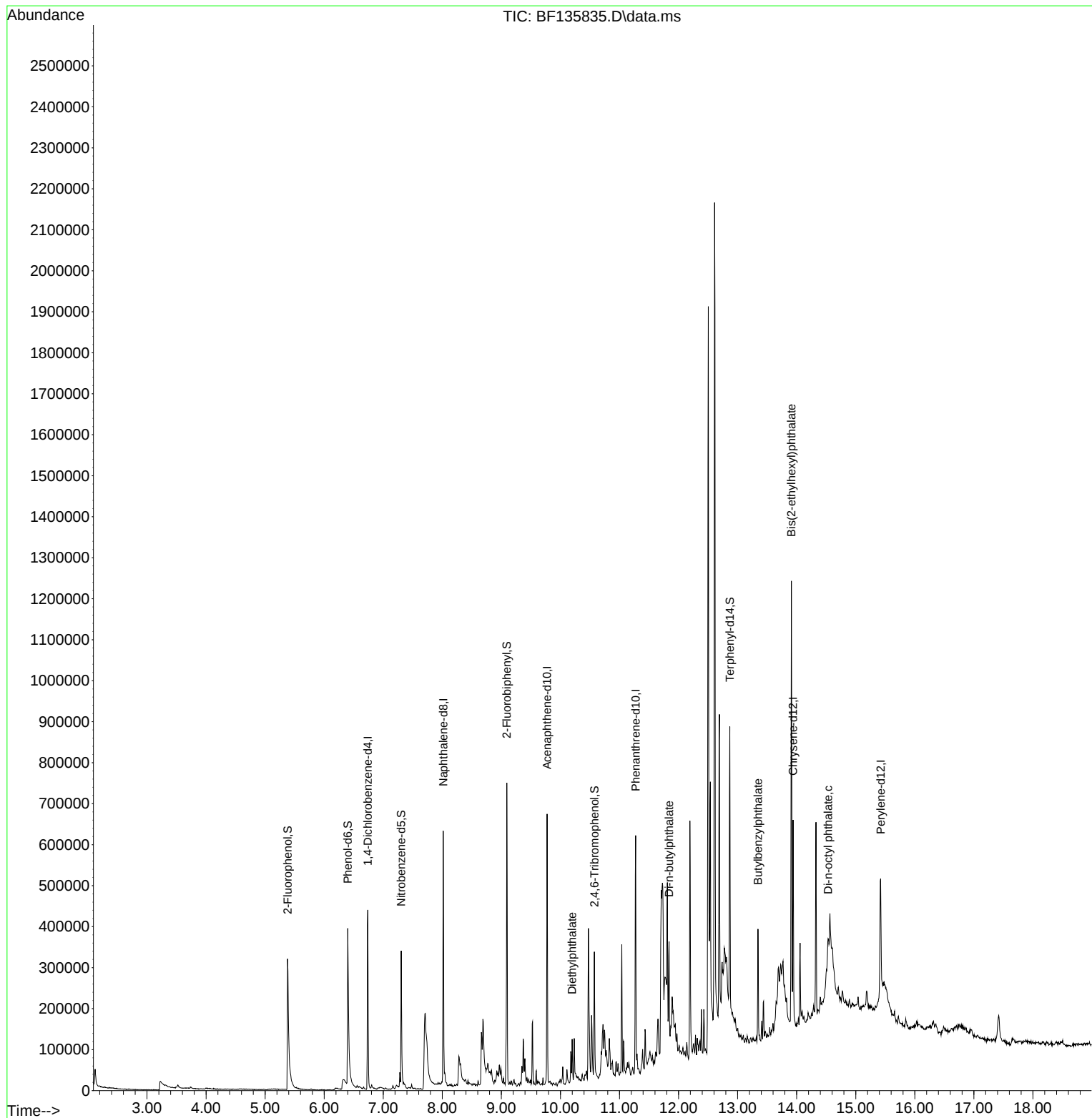
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	68832	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	246594	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	110966	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	212487	20.000	ng	0.00
76) Chrysene-d12	13.939	240	163573	20.000	ng	-0.01
86) Perylene-d12	15.421	264	132404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	158615	37.049	ng	0.00
7) Phenol-d6	6.398	99	181910	34.054	ng	0.00
23) Nitrobenzene-d5	7.304	82	103090	22.993	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	35507	33.346	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	202322	28.507	ng	-0.01
79) Terphenyl-d14	12.868	244	223695	25.326	ng	-0.01
Target Compounds						
60) Diethylphthalate	10.198	149	30454	3.982	ng	99
74) Di-n-butylphthalate	11.839	149	113522	9.399	ng	98
80) Butylbenzylphthalate	13.345	149	58412	10.226	ng	98
84) Bis(2-ethylhexyl)phtha...	13.910	149	297637	38.447	ng	98
85) Di-n-octyl phthalate	14.533	149	50409	4.106	ng	# 66

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

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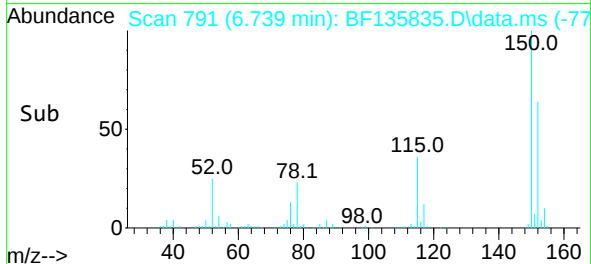
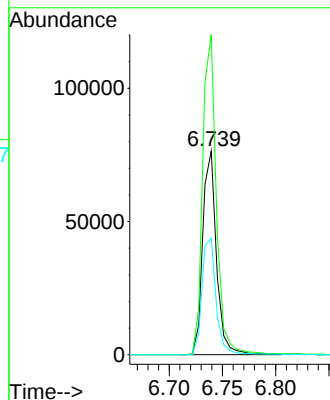
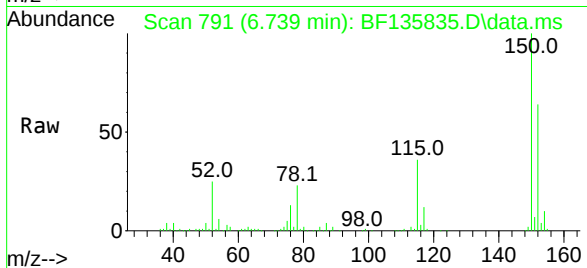




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135835.D
 Acq: 18 Oct 2023 03:08

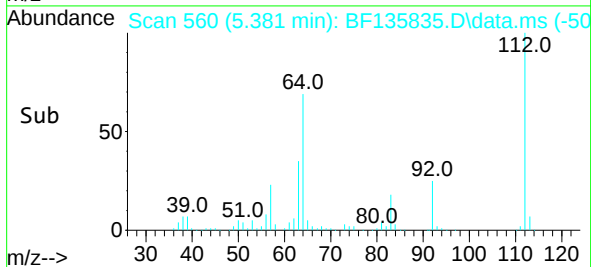
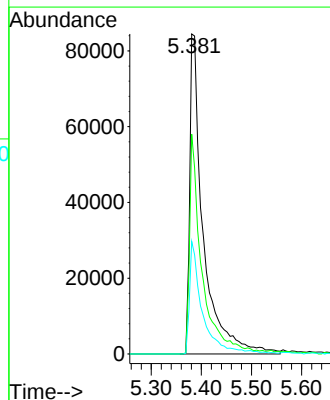
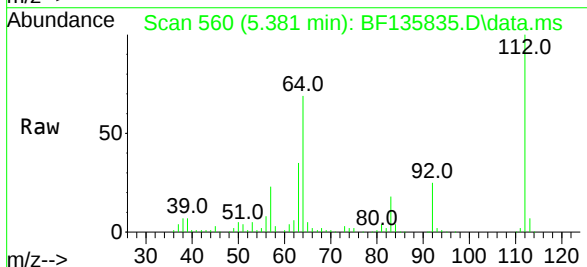
Instrument :
 BNA_F
 ClientSampleId :
 02DL

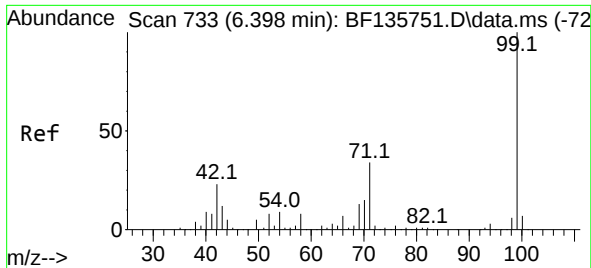
Tgt Ion:152 Resp: 68832
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.5 186.7
 115 57.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 37.049 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: BF135835.D
 Acq: 18 Oct 2023 03:08

Tgt Ion:112 Resp: 158615
 Ion Ratio Lower Upper
 112 100
 64 68.7 51.2 76.8
 63 35.1 26.1 39.1

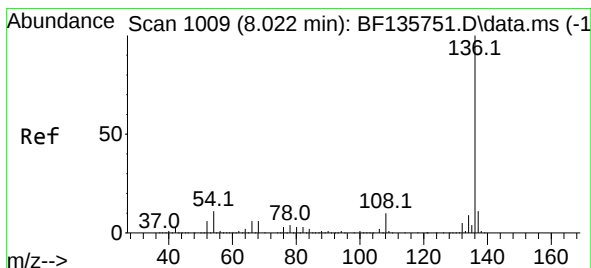
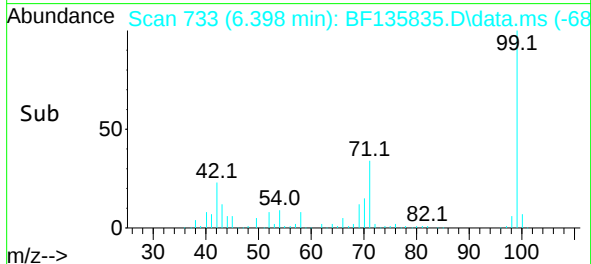
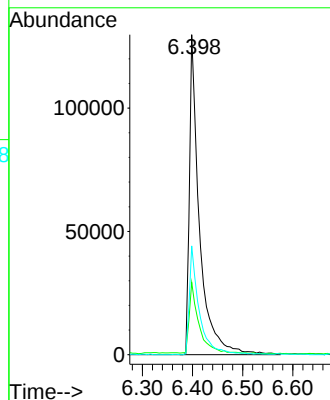
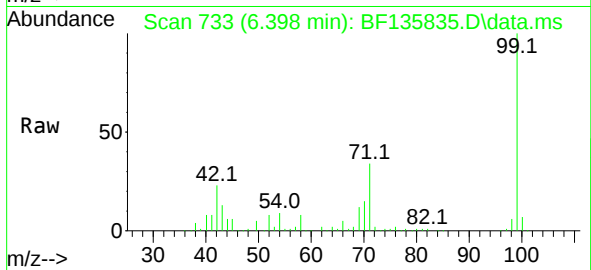




#7
Phenol-d6
Concen: 34.054 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135835.D
Acq: 18 Oct 2023 03:08

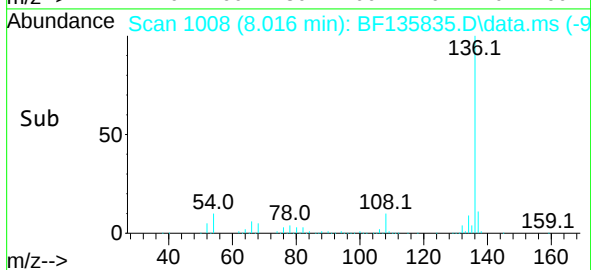
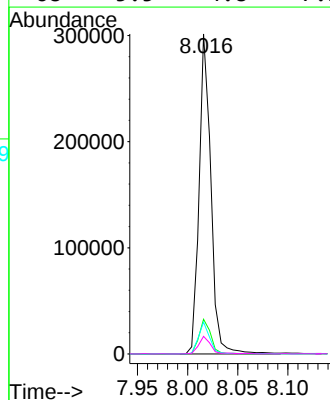
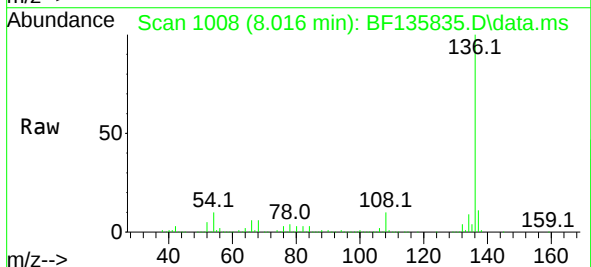
Instrument :
BNA_F
ClientSampleId :
02DL

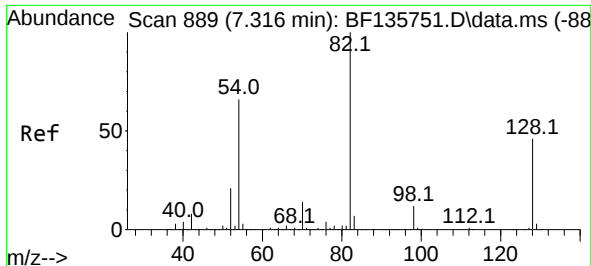
Tgt Ion: 99 Resp: 181910
Ion Ratio Lower Upper
99 100
42 22.6 18.4 27.6
71 34.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135835.D
Acq: 18 Oct 2023 03:08

Tgt Ion: 136 Resp: 246594
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.9 8.5 12.7
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 22.993 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135835.D

Acq: 18 Oct 2023 03:08

Instrument :

BNA_F

ClientSampleId :

02DL

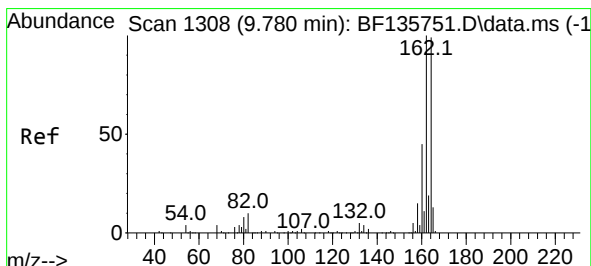
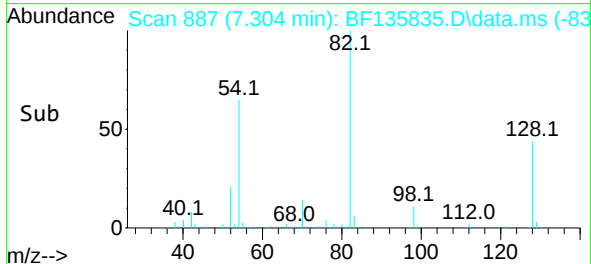
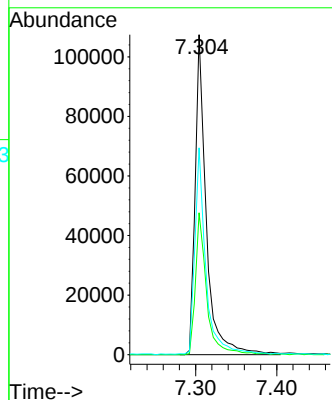
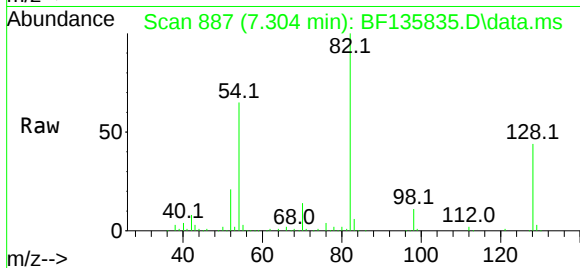
Tgt Ion: 82 Resp: 103090

Ion Ratio Lower Upper

82 100

128 44.4 37.0 55.6

54 64.6 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135835.D

Acq: 18 Oct 2023 03:08

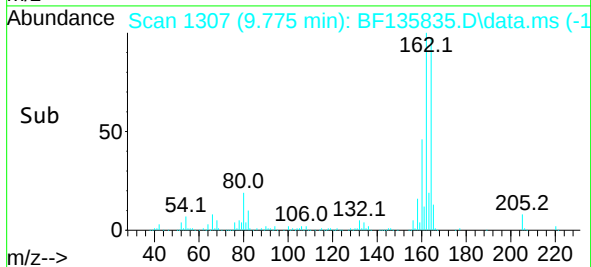
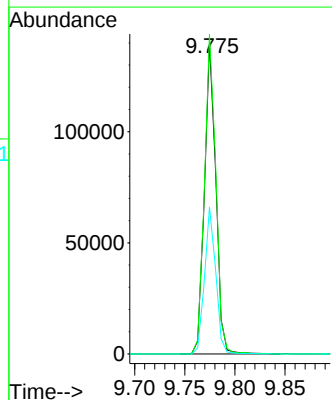
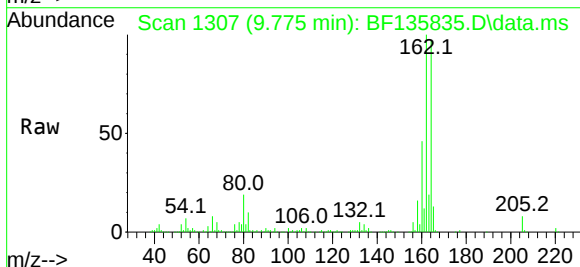
Tgt Ion:164 Resp: 110966

Ion Ratio Lower Upper

164 100

162 102.9 80.8 121.2

160 47.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 33.346 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135835.D

Acq: 18 Oct 2023 03:08

Instrument :

BNA_F

ClientSampleId :

02DL

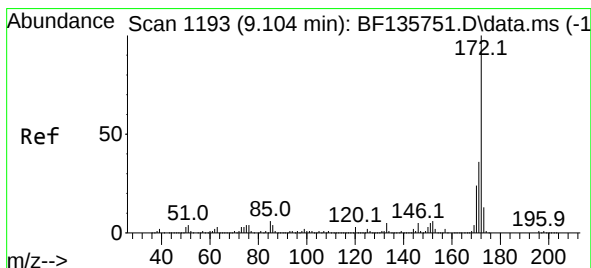
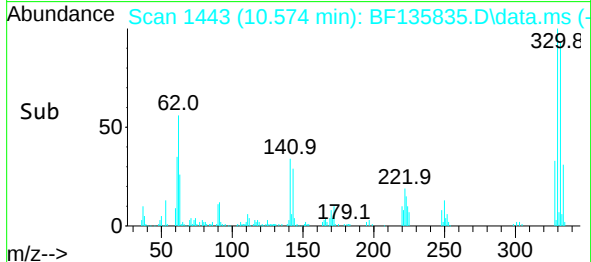
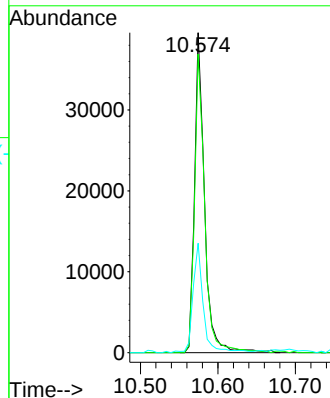
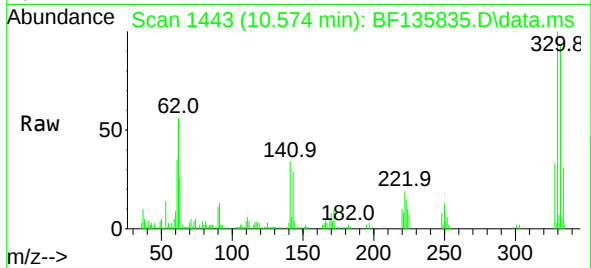
Tgt Ion:330 Resp: 35507

Ion Ratio Lower Upper

330 100

332 95.0 75.0 112.4

141 35.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 28.507 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135835.D

Acq: 18 Oct 2023 03:08

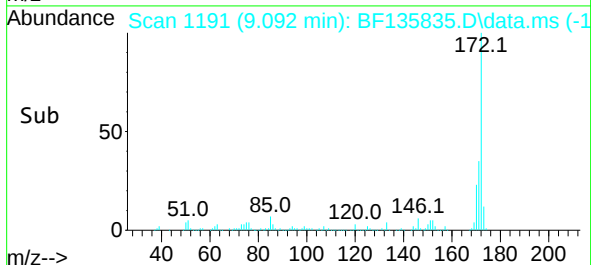
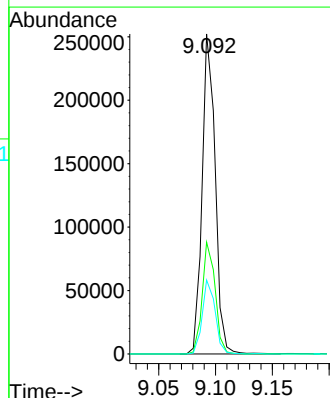
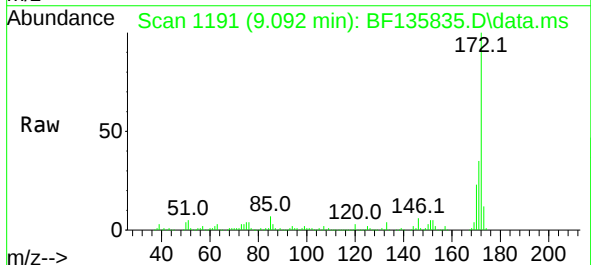
Tgt Ion:172 Resp: 202322

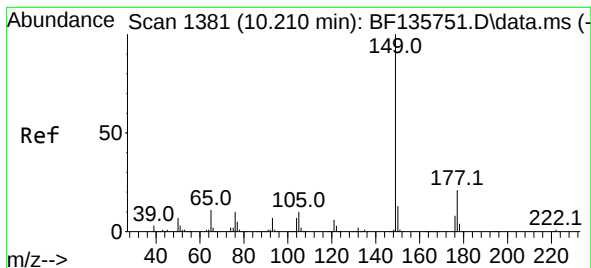
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.1 18.8 28.2





#60

Diethylphthalate

Concen: 3.982 ng

RT: 10.198 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF135835.D

Acq: 18 Oct 2023 03:08

Instrument :

BNA_F

ClientSampleId :

02DL

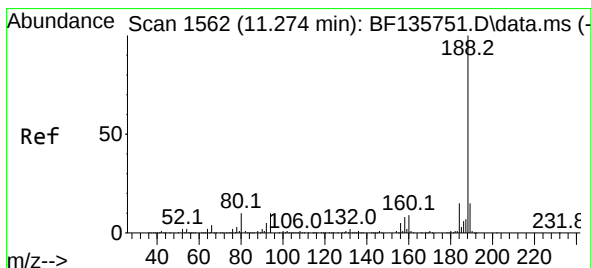
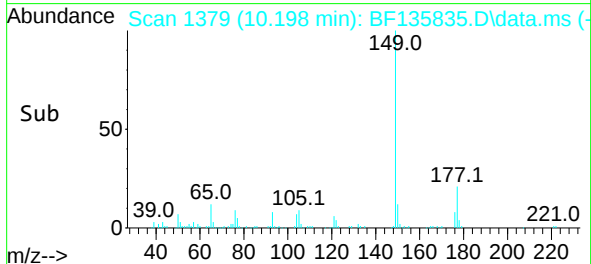
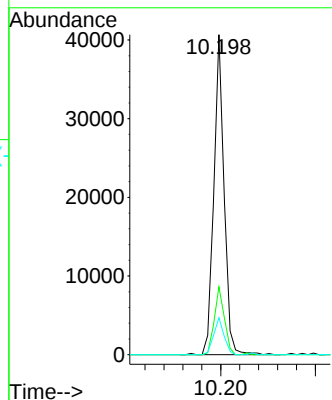
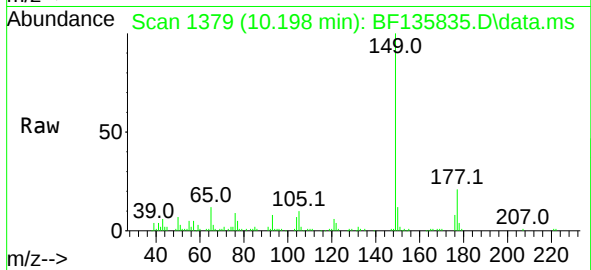
Tgt Ion:149 Resp: 30454

Ion Ratio Lower Upper

149 100

177 21.2 16.9 25.3

150 11.6 10.2 15.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF135835.D

Acq: 18 Oct 2023 03:08

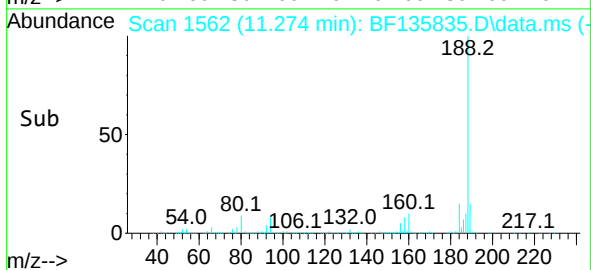
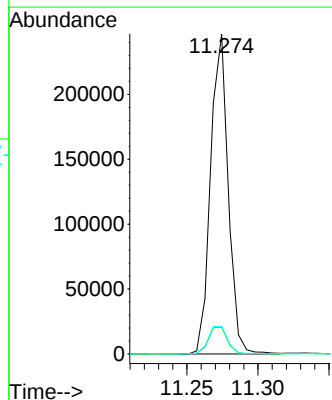
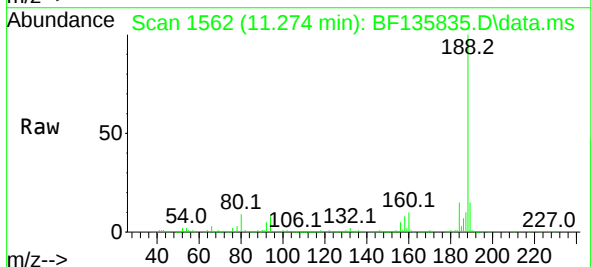
Tgt Ion:188 Resp: 212487

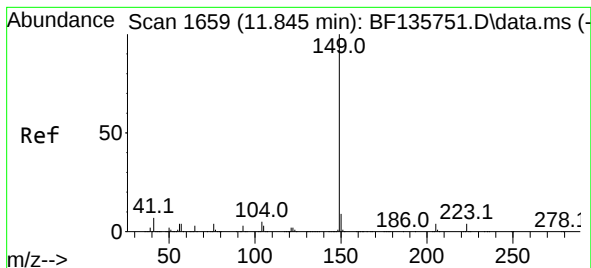
Ion Ratio Lower Upper

188 100

94 8.3 8.0 12.0

80 8.7 8.3 12.5

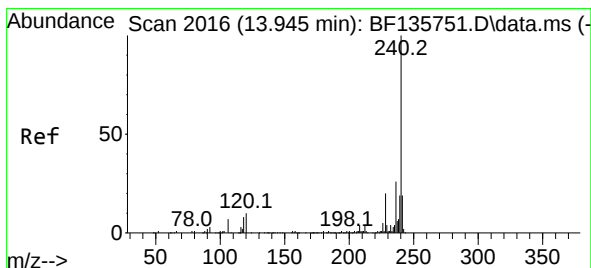
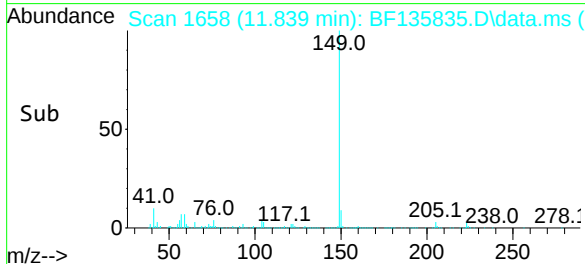
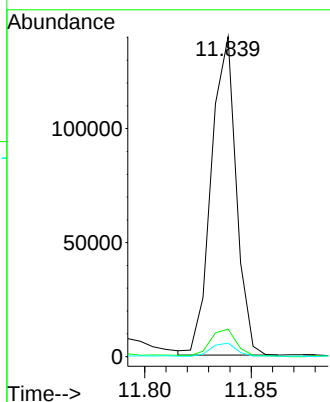
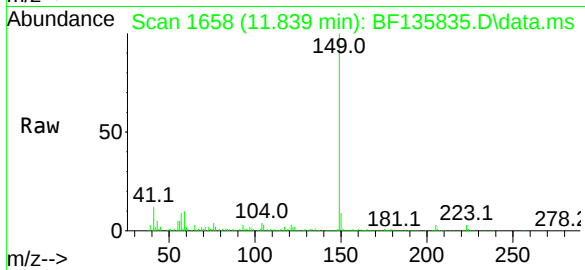




#74
Di-n-butylphthalate
Concen: 9.399 ng
RT: 11.839 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135835.D
Acq: 18 Oct 2023 03:08

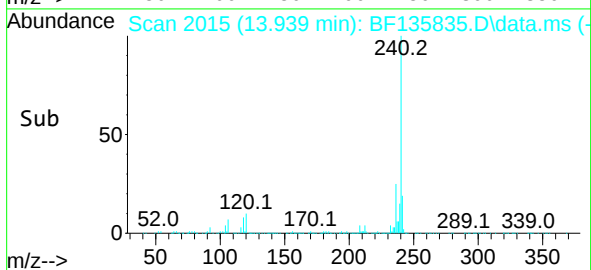
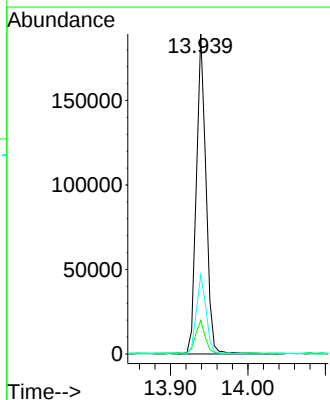
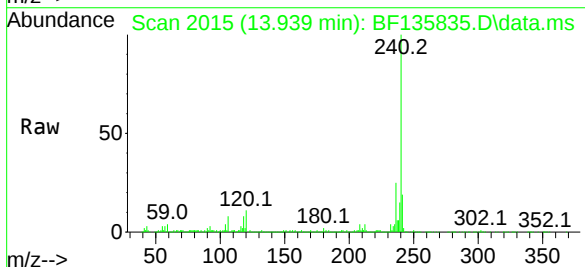
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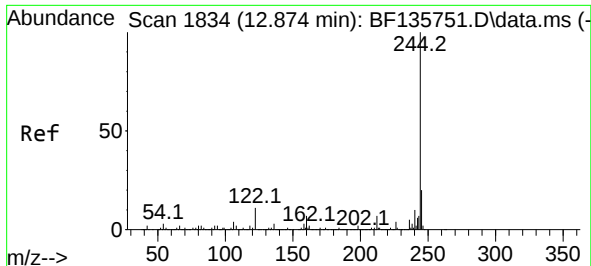
Tgt Ion:149 Resp: 113522
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.2
104 4.3 3.7 5.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135835.D
Acq: 18 Oct 2023 03:08

Tgt Ion:240 Resp: 163573
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 24.7 21.2 31.8

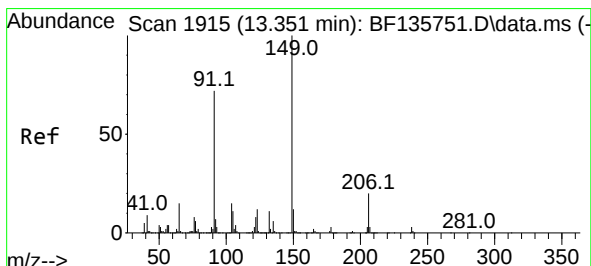
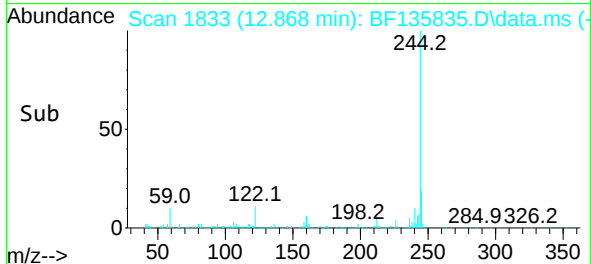
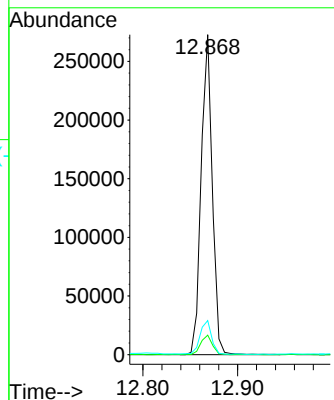
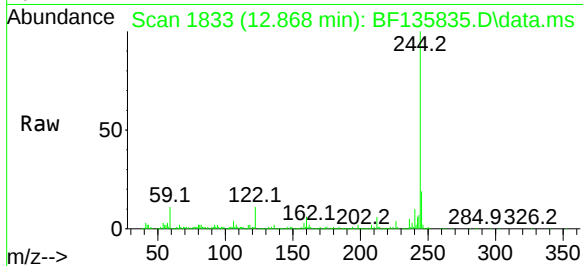




#79
 Terphenyl-d14
 Concen: 25.326 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135835.D
 Acq: 18 Oct 2023 03:08

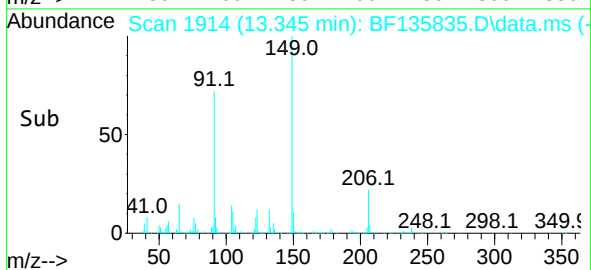
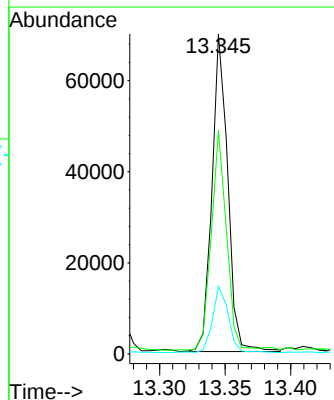
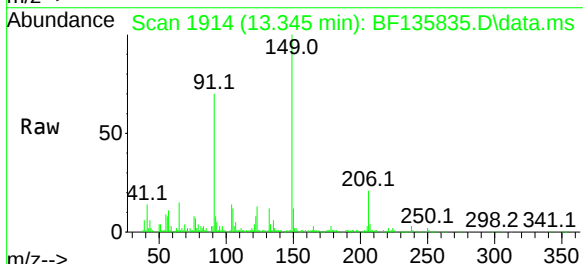
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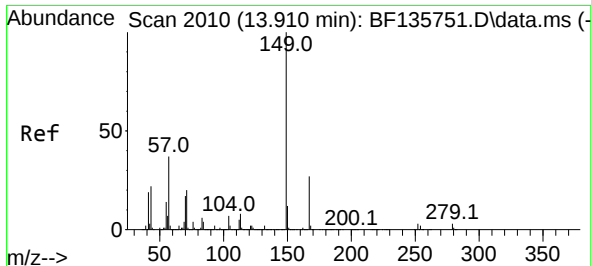
Tgt Ion:244 Resp: 223695
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 10.7 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 10.226 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.012 min
 Lab File: BF135835.D
 Acq: 18 Oct 2023 03:08

Tgt Ion:149 Resp: 58412
 Ion Ratio Lower Upper
 149 100
 91 69.9 57.4 86.0
 206 21.1 16.2 24.4

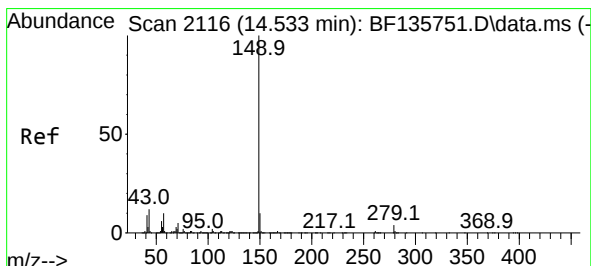
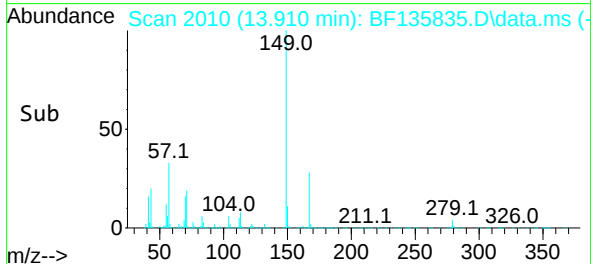
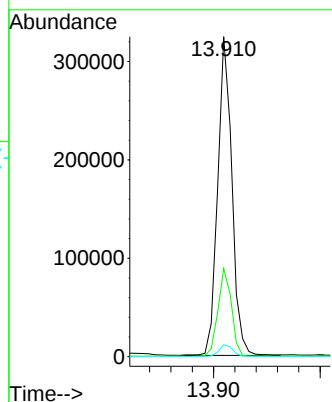
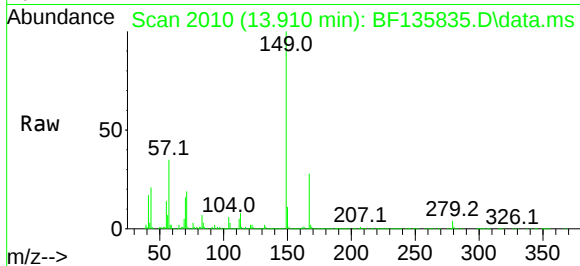




#84
Bis(2-ethylhexyl)phthalate
Concen: 38.447 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF135835.D
Acq: 18 Oct 2023 03:08

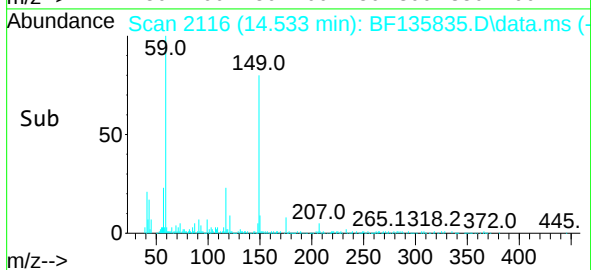
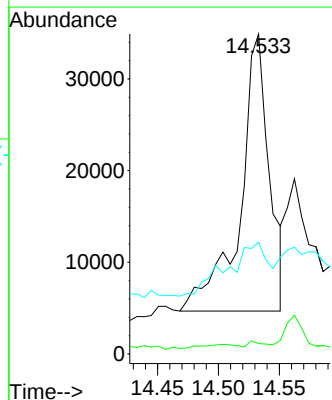
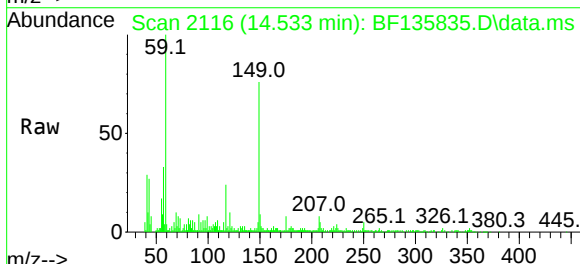
Instrument :
BNA_F
ClientSampleId :
02DL

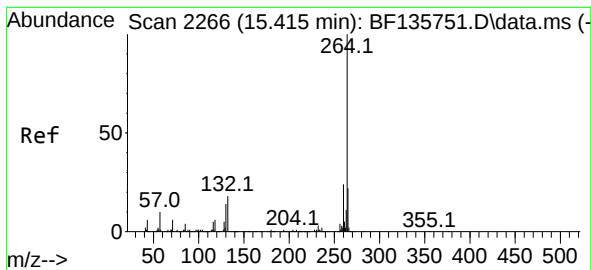
Tgt Ion:149 Resp: 297637
Ion Ratio Lower Upper
149 100
167 27.5 21.3 31.9
279 3.7 2.7 4.1



#85
Di-n-octyl phthalate
Concen: 4.106 ng
RT: 14.533 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BF135835.D
Acq: 18 Oct 2023 03:08

Tgt Ion:149 Resp: 50409
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 27.4 10.1 15.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF135835.D

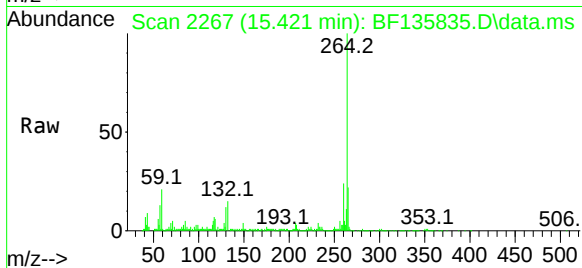
Acq: 18 Oct 2023 03:08

Instrument :

BNA_F

ClientSampleId :

02DL



Tgt Ion:264 Resp: 132404

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.2 17.4 26.2

