

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135618.D
 Acq On : 06 Oct 2023 00:59
 Operator : CG\JU
 Sample : 04645-02 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 02

Quant Time: Oct 06 03:50:41 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 04 17:06:20 2023
 Response via : Initial Calibration

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

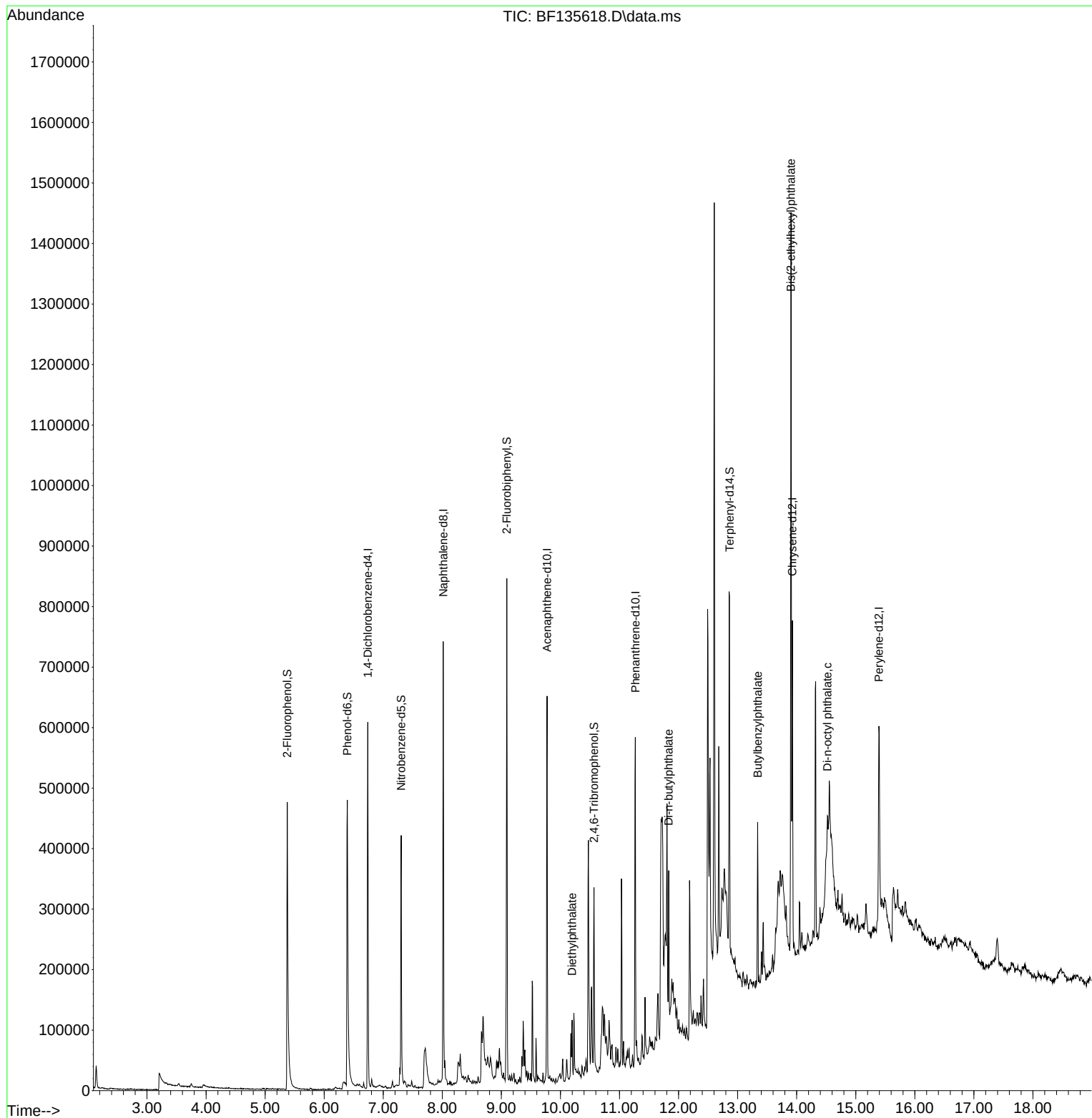
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	88031	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	288251	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	112444	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	199660	20.000	ng	0.00
76) Chrysene-d12	13.927	240	178395	20.000	ng	0.00
86) Perylene-d12	15.392	264	157248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	170830	31.562	ng	0.00
7) Phenol-d6	6.392	99	203523	29.572	ng	0.00
23) Nitrobenzene-d5	7.304	82	122555	23.099	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	35364	31.648	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	219847	29.498	ng	0.00
79) Terphenyl-d14	12.863	244	215195	18.700	ng	0.00
Target Compounds						
						Qvalue
60) Diethylphthalate	10.198	149	31391	4.114	ng	97
74) Di-n-butylphthalate	11.833	149	105707	10.153	ng	99
80) Butylbenzylphthalate	13.339	149	58894	9.849	ng	98
84) Bis(2-ethylhexyl)phtha...	13.904	149	305013	49.705	ng	99
85) Di-n-octyl phthalate	14.521	149	58954	6.045	ng	# 59

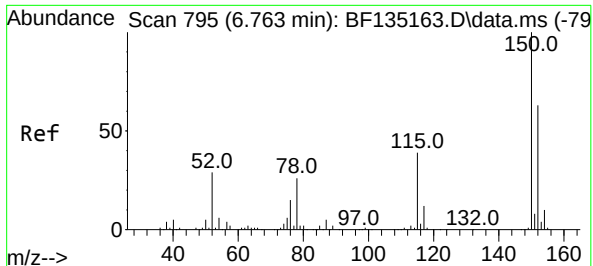
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 06 03:50:41 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

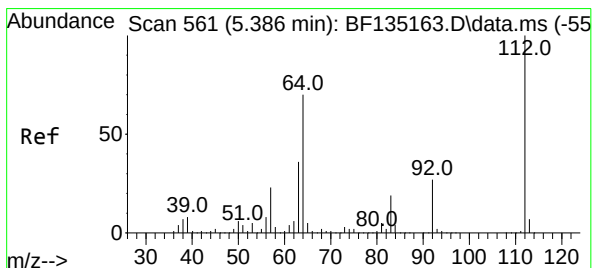
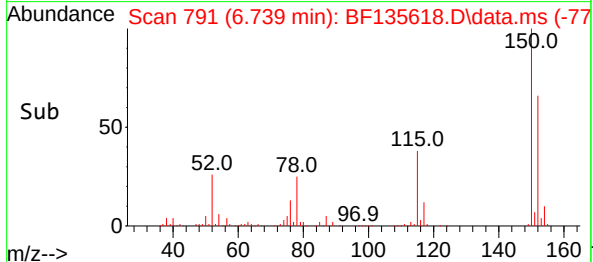
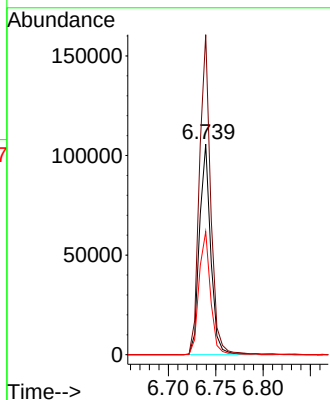
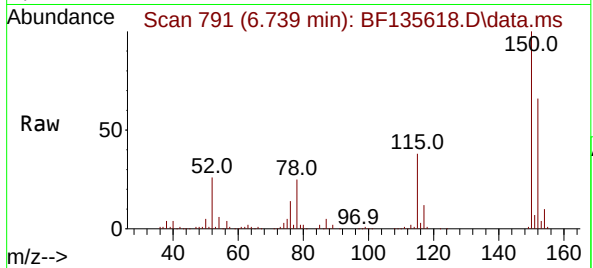




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135618.D
Acq: 06 Oct 2023 00:59

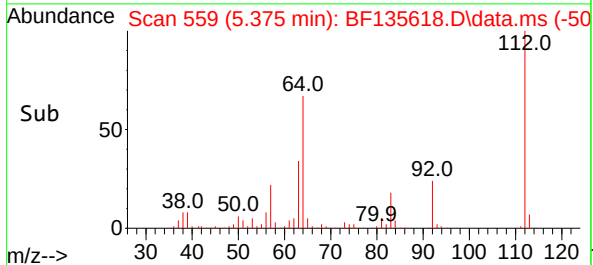
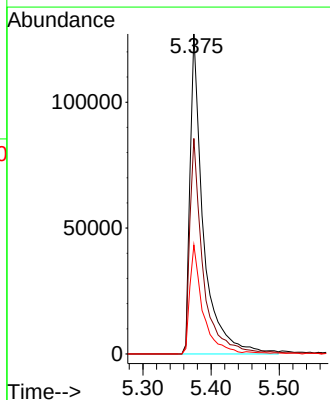
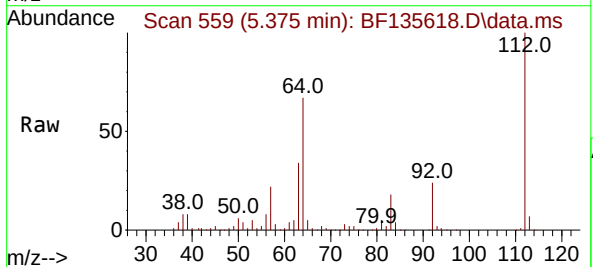
Instrument :
BNA_F
ClientSampleId :
02

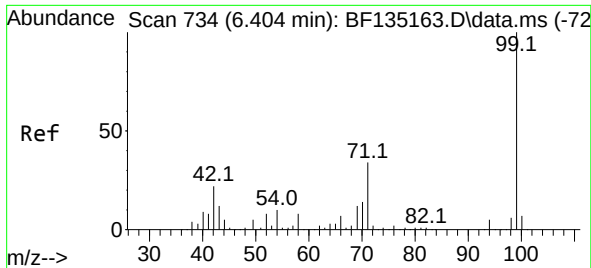
Tgt Ion:152 Resp: 88031
Ion Ratio Lower Upper
152 100
150 152.0 127.8 191.6
115 58.4 49.8 74.8



#5
2-Fluorophenol
Concen: 31.562 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135618.D
Acq: 06 Oct 2023 00:59

Tgt Ion:112 Resp: 170830
Ion Ratio Lower Upper
112 100
64 67.3 55.9 83.9
63 34.0 29.0 43.6

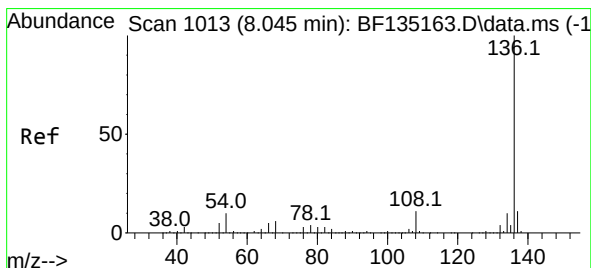
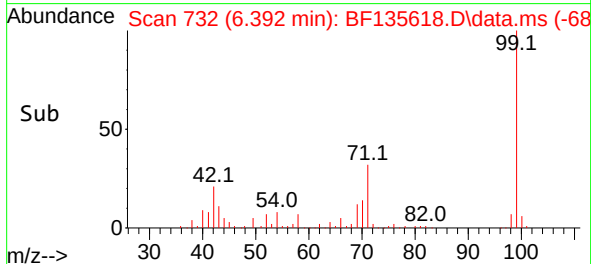
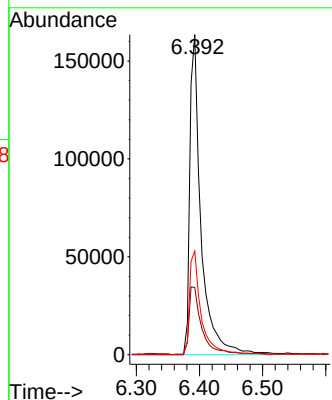
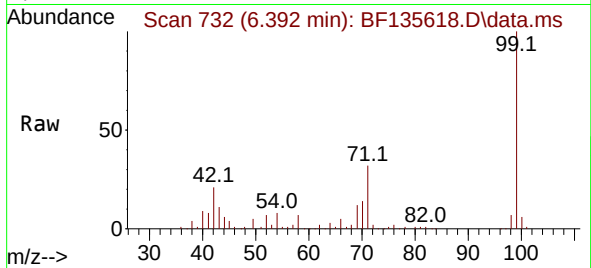




#7
Phenol-d6
Concen: 29.572 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135618.D
Acq: 06 Oct 2023 00:59

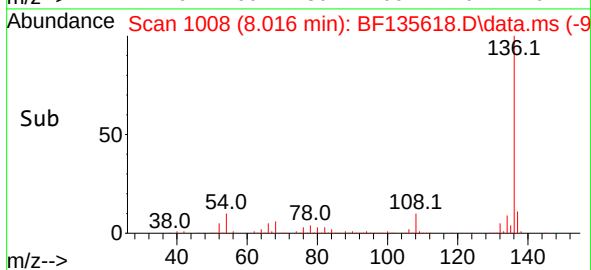
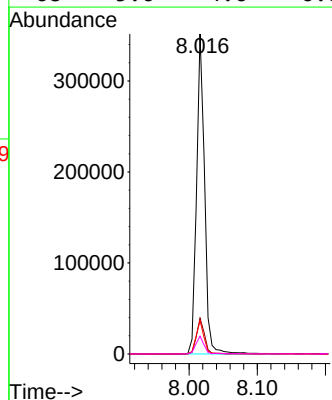
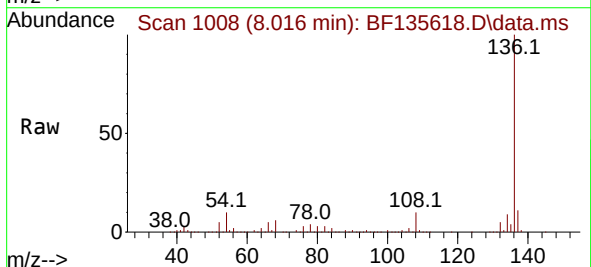
Instrument :
BNA_F
ClientSampleId :
02

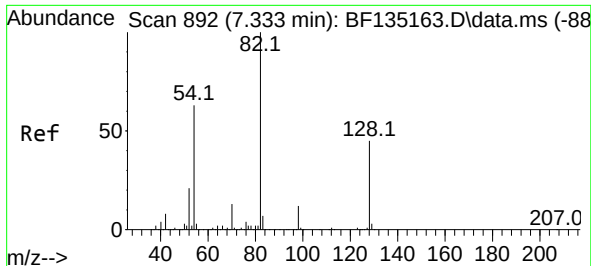
Tgt Ion: 99 Resp: 203523
Ion Ratio Lower Upper
99 100
42 21.0 17.9 26.9
71 32.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135618.D
Acq: 06 Oct 2023 00:59

Tgt Ion: 136 Resp: 288251
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.4 7.7 11.5
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 23.099 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135618.D

Acq: 06 Oct 2023 00:59

Instrument :

BNA_F

ClientSampleId :

02

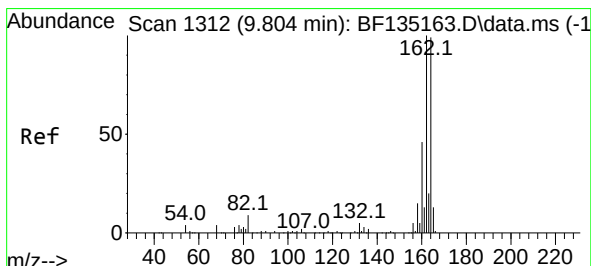
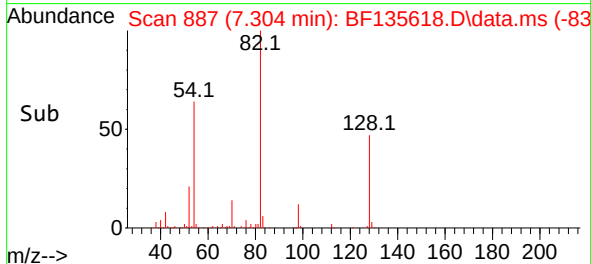
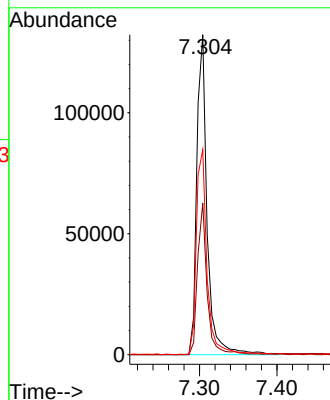
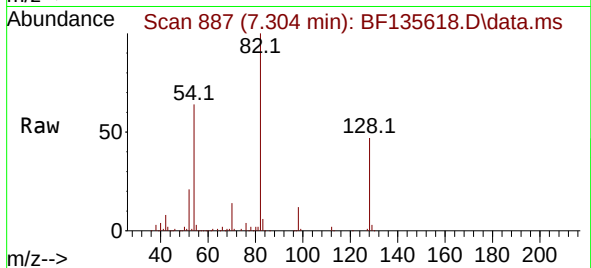
Tgt Ion: 82 Resp: 122555

Ion Ratio Lower Upper

82 100

128 47.4 35.8 53.6

54 64.1 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF135618.D

Acq: 06 Oct 2023 00:59

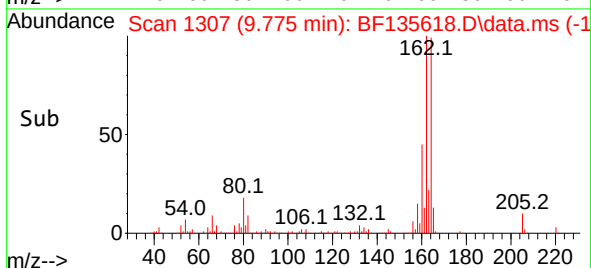
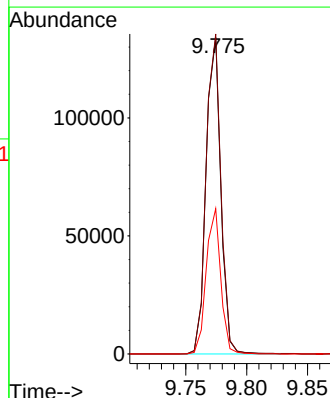
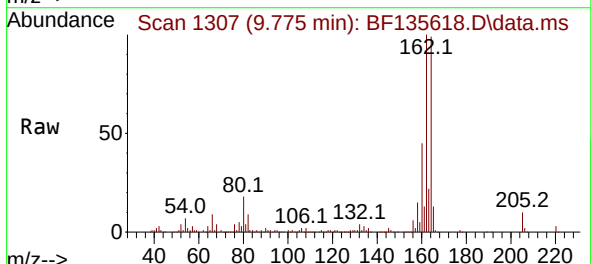
Tgt Ion:164 Resp: 112444

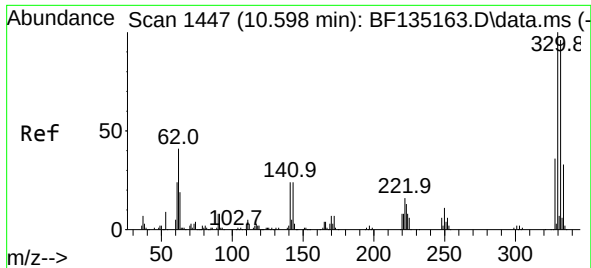
Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

160 45.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 31.648 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135618.D

Acq: 06 Oct 2023 00:59

Instrument :

BNA_F

ClientSampleId :

02

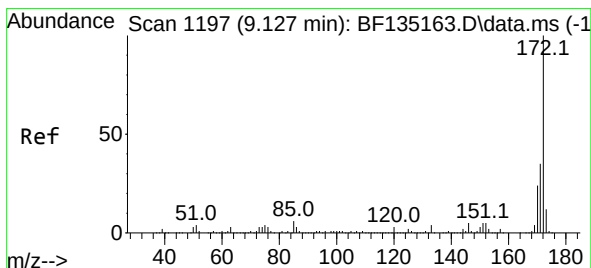
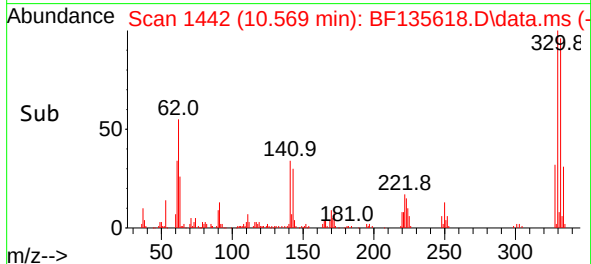
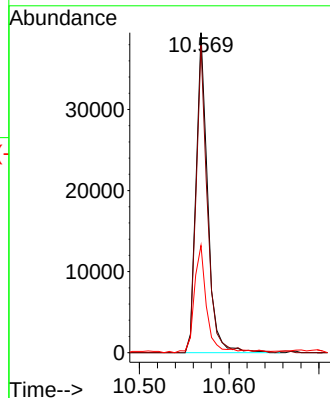
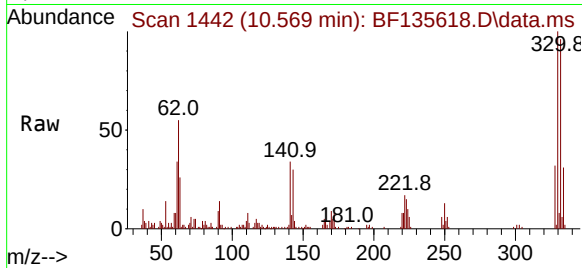
Tgt Ion:330 Resp: 35364

Ion Ratio Lower Upper

330 100

332 93.8 77.3 115.9

141 36.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 29.498 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135618.D

Acq: 06 Oct 2023 00:59

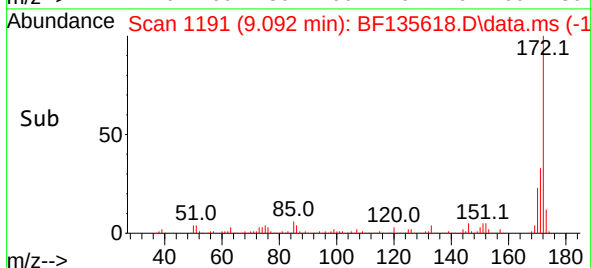
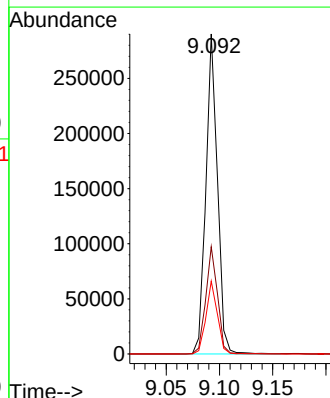
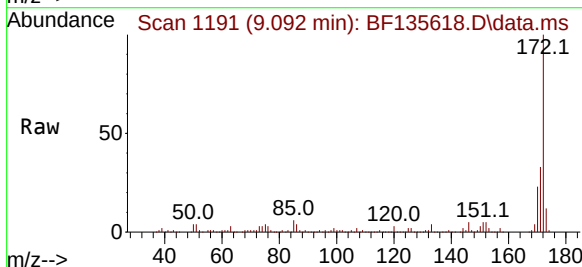
Tgt Ion:172 Resp: 219847

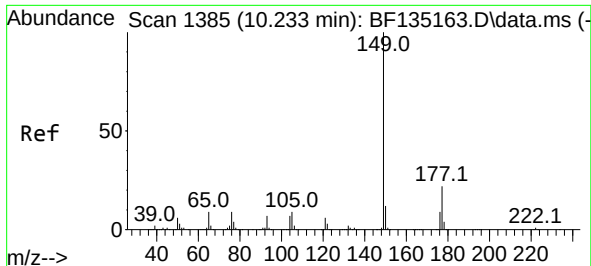
Ion Ratio Lower Upper

172 100

171 33.5 28.4 42.6

170 22.8 19.0 28.4

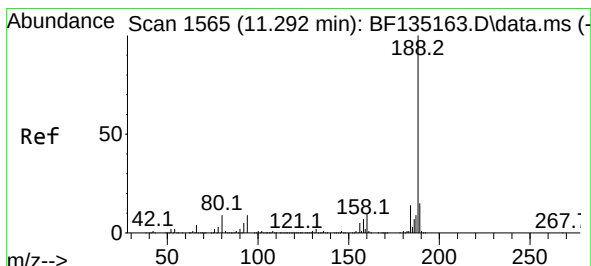
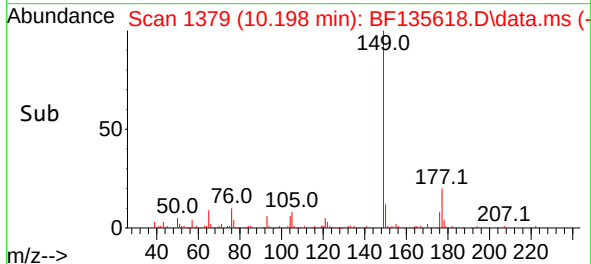
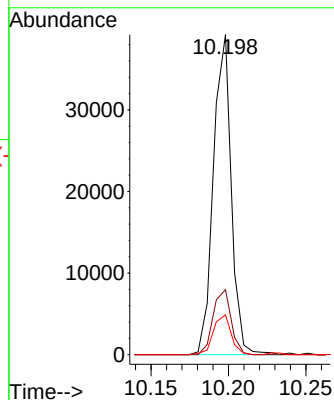
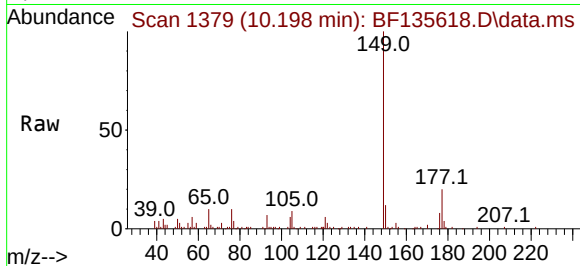




#60
Diethylphthalate
Concen: 4.114 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135618.D
Acq: 06 Oct 2023 00:59

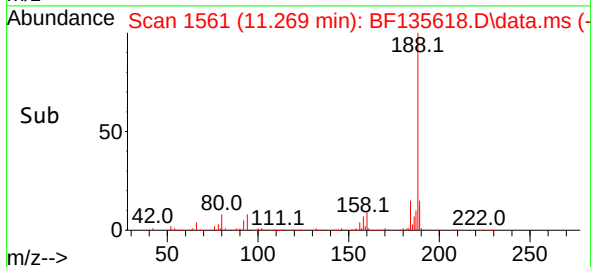
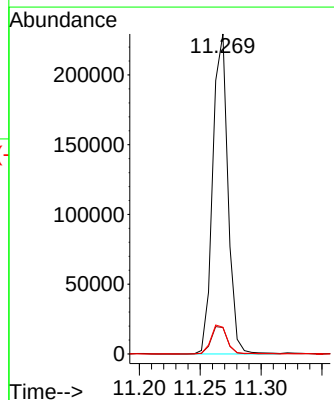
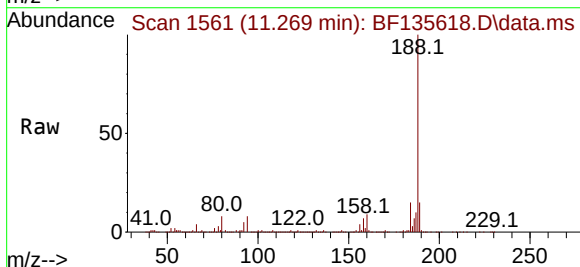
Instrument :
BNA_F
ClientSampleId :
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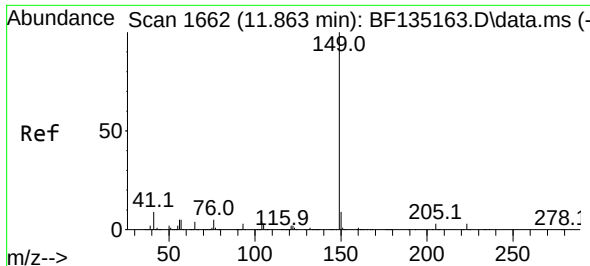
Tgt Ion:149 Resp: 31391
Ion Ratio Lower Upper
149 100
177 20.3 17.8 26.6
150 12.5 10.0 15.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135618.D
Acq: 06 Oct 2023 00:59

Tgt Ion:188 Resp: 199660
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.4 7.5 11.3

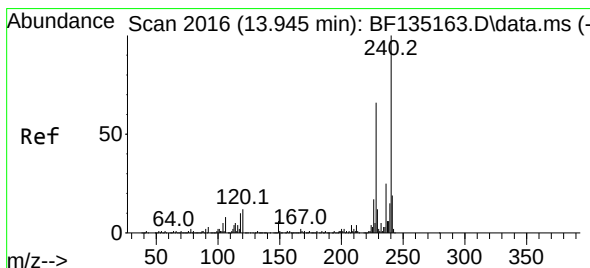
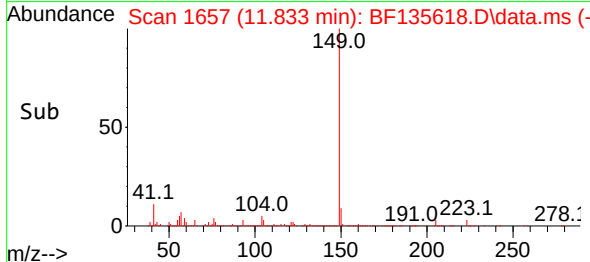
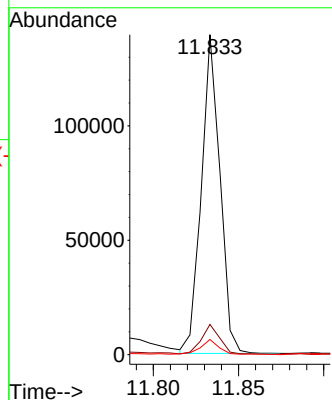
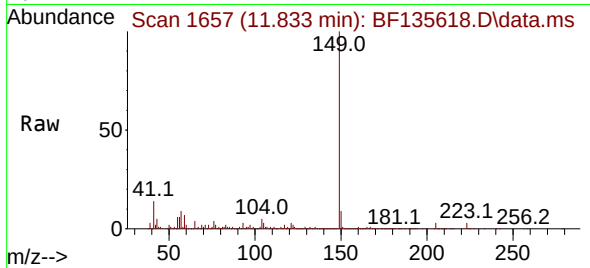




#74
Di-n-butylphthalate
Concen: 10.153 ng
RT: 11.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135618.D
Acq: 06 Oct 2023 00:59

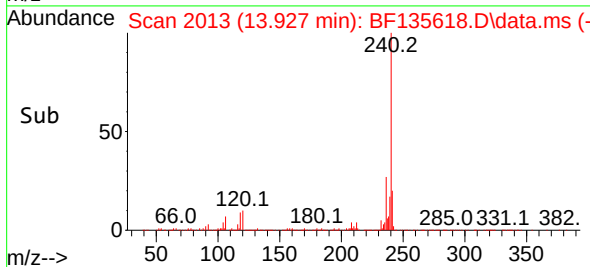
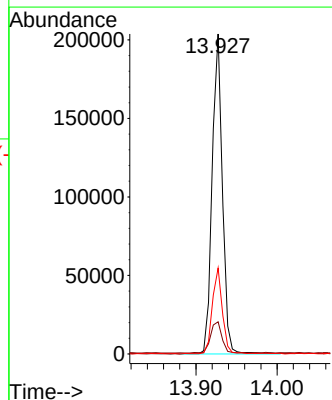
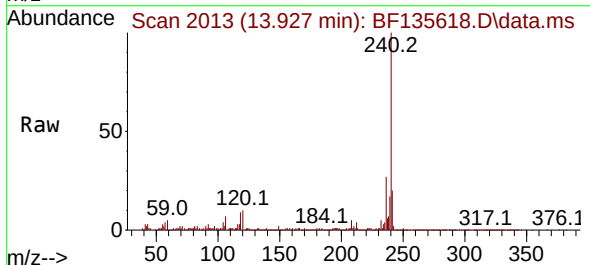
Instrument :
BNA_F
ClientSampleId :
02

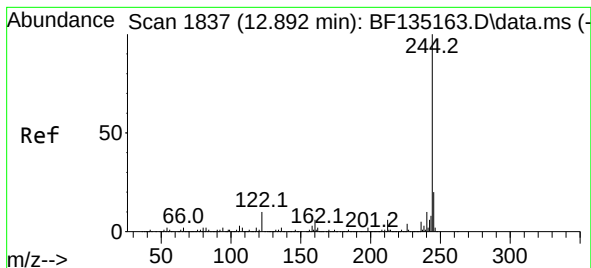
Tgt Ion:149 Resp: 105707
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 4.8 3.6 5.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135618.D
Acq: 06 Oct 2023 00:59

Tgt Ion:240 Resp: 178395
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.2
236 26.9 19.8 29.8





#79

Terphenyl-d14

Concen: 18.700 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135618.D

Acq: 06 Oct 2023 00:59

Instrument :

BNA_F

ClientSampleId :

02

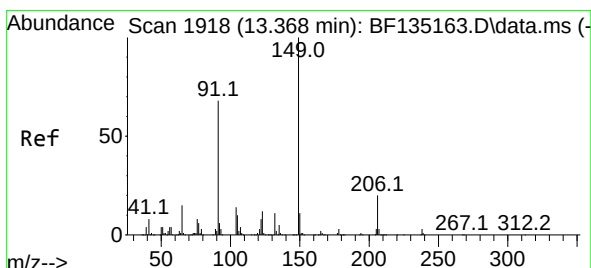
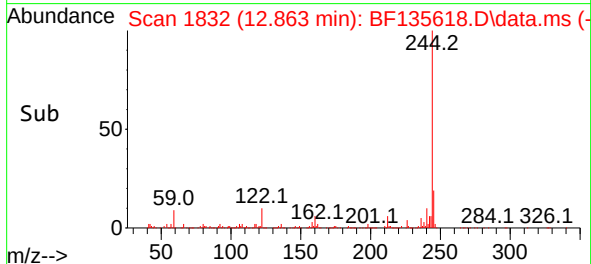
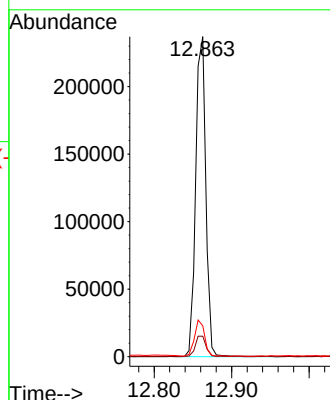
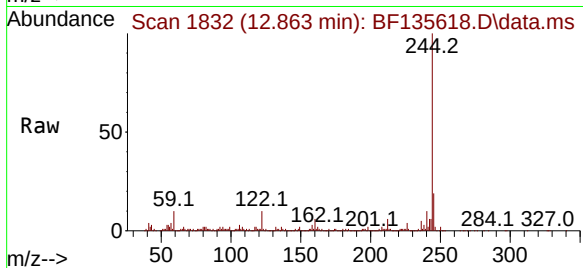
Tgt Ion:244 Resp: 215195

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 9.7 7.9 11.9



#80

Butylbenzylphthalate

Concen: 9.849 ng

RT: 13.339 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF135618.D

Acq: 06 Oct 2023 00:59

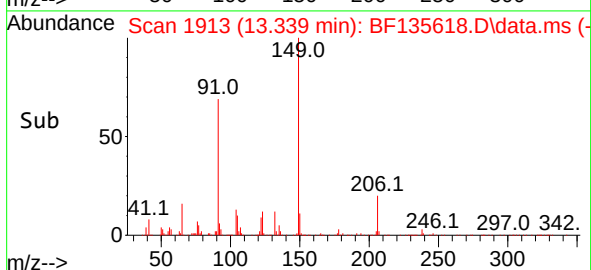
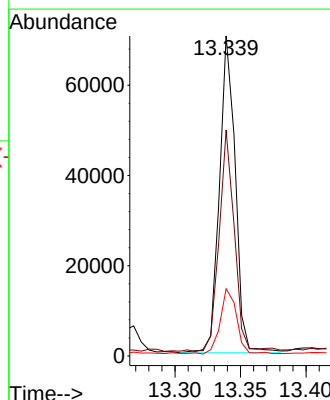
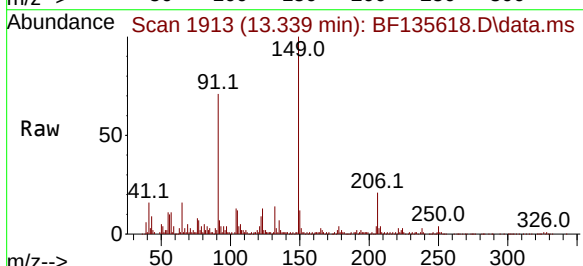
Tgt Ion:149 Resp: 58894

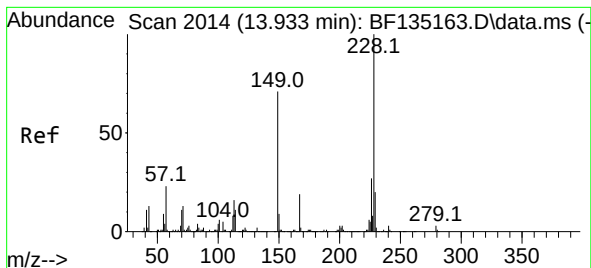
Ion Ratio Lower Upper

149 100

91 70.6 54.7 82.1

206 21.0 16.3 24.5

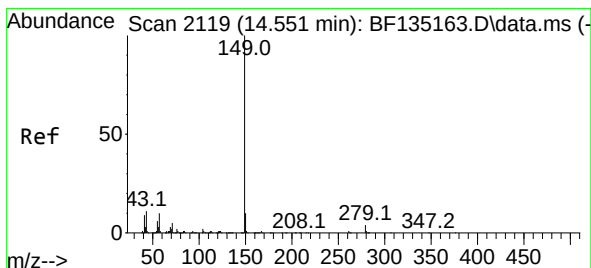
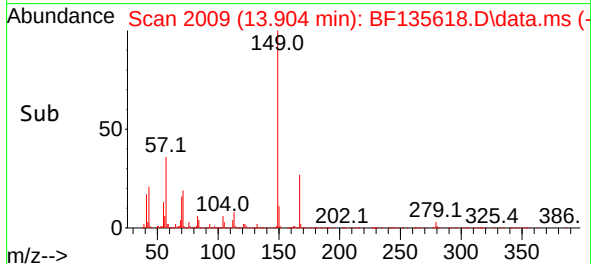
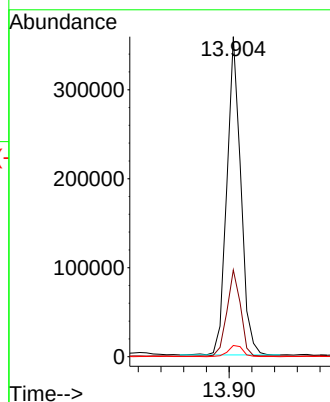
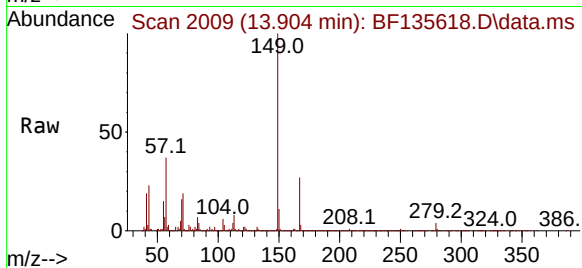




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.705 ng
 RT: 13.904 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: BF135618.D
 Acq: 06 Oct 2023 00:59

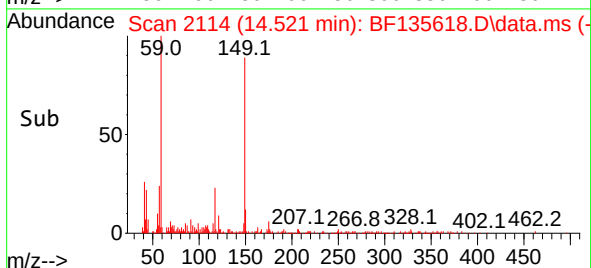
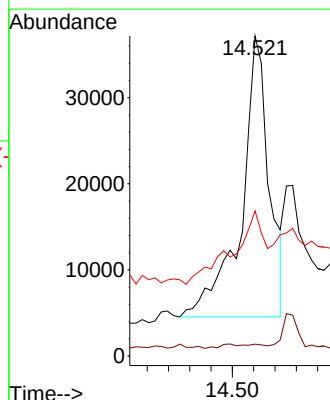
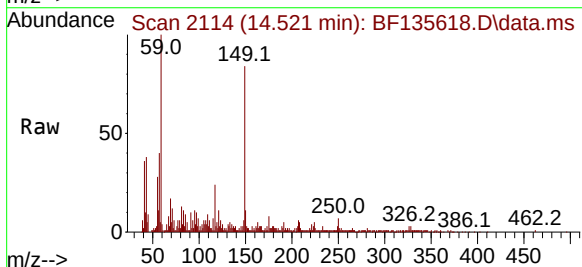
Instrument :
 BNA_F
 ClientSampleId :
 02

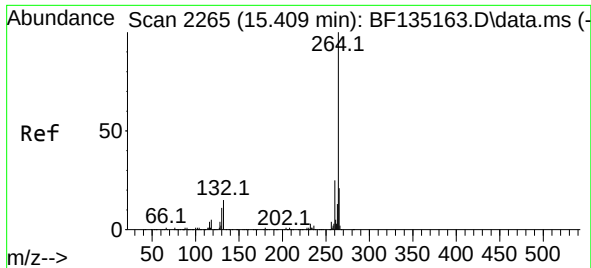
Tgt Ion:149 Resp: 305013
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.9 32.9
 279 3.5 3.3 4.9



#85
 Di-n-octyl phthalate
 Concen: 6.045 ng
 RT: 14.521 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BF135618.D
 Acq: 06 Oct 2023 00:59

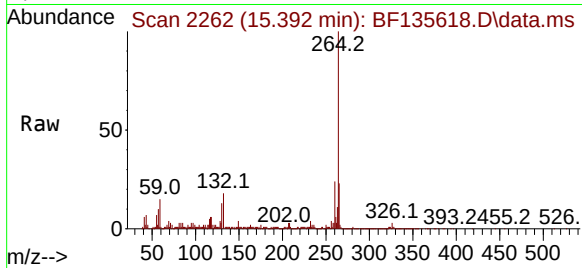
Tgt Ion:149 Resp: 58954
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 29.7 9.8 14.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135618.D
 Acq: 06 Oct 2023 00:59 02

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 157248
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 23.0 17.0 25.4

