

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135516.D
 Acq On : 29 Sep 2023 15:12
 Operator : CG\JU
 Sample : 04645-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 02

Quant Time: Sep 30 00:21:38 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)

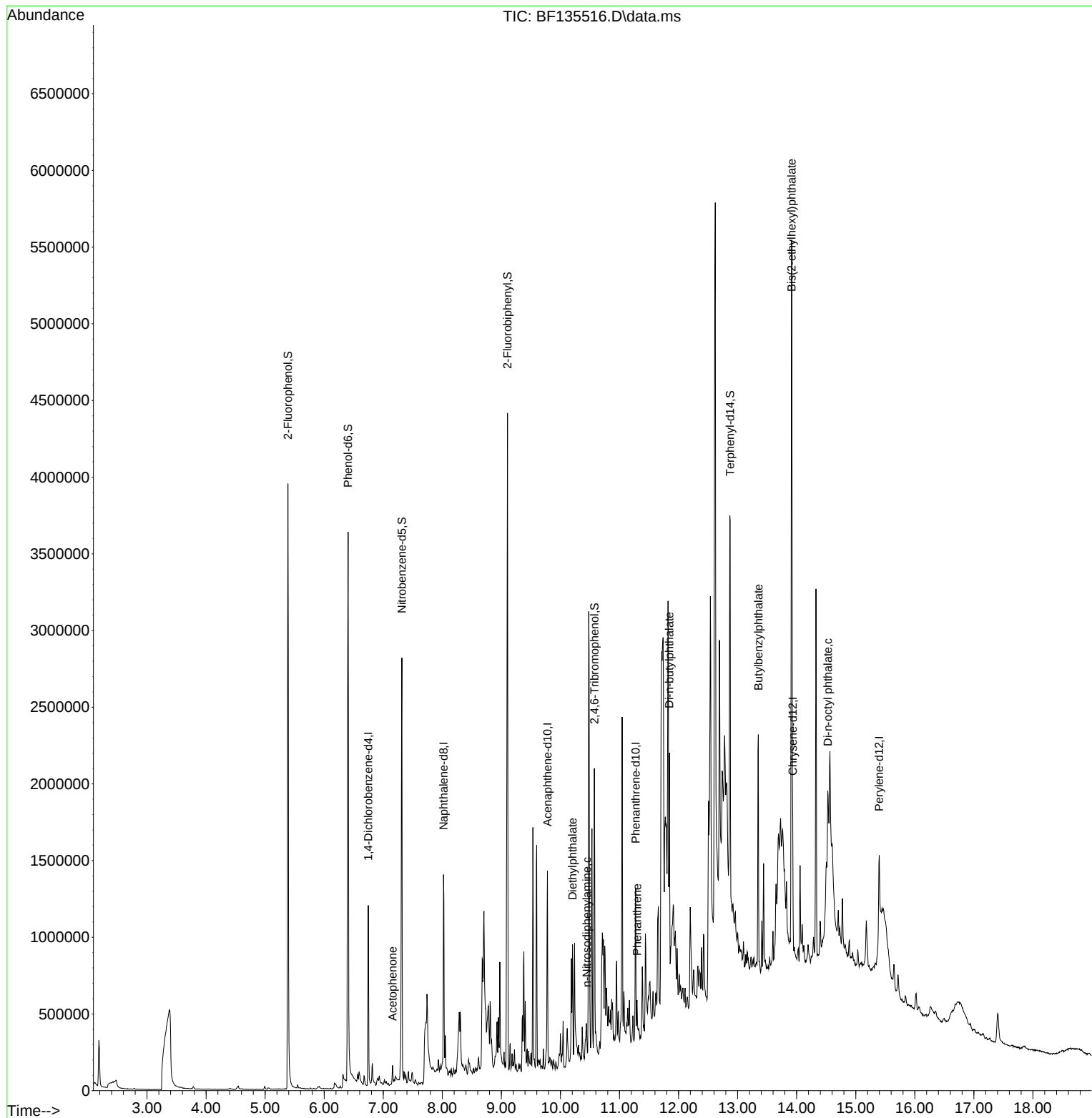
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	154742	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	551583	20.000	ng	# 0.00
39) Acenaphthene-d10	9.780	164	230167	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	345573	20.000	ng	0.00
76) Chrysene-d12	13.933	240	268230	20.000	ng	0.00
86) Perylene-d12	15.398	264	271868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1151039	120.982	ng	0.00
7) Phenol-d6	6.404	99	1404225	116.073	ng	0.00
23) Nitrobenzene-d5	7.316	82	881179	86.794	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	217408	95.050	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1332495	87.344	ng	0.00
79) Terphenyl-d14	12.874	244	1082059	62.536	ng	0.00
Target Compounds						
						Qvalue
22) Acetophenone	7.157	105	29348	2.327	ng	# 89
60) Diethylphthalate	10.204	149	229615	14.702	ng	99
66) n-Nitrosodiphenylamine	10.445	169	40202	3.843	ng	98
71) Phenanthrene	11.298	178	96408	5.899	ng	99
74) Di-n-butylphthalate	11.845	149	689242	38.247	ng	100
80) Butylbenzylphthalate	13.351	149	376348	41.857	ng	98
84) Bis(2-ethylhexyl)phtha...	13.916	149	1550401	168.034	ng	98
85) Di-n-octyl phthalate	14.527	149	477662	32.576	ng	# 94

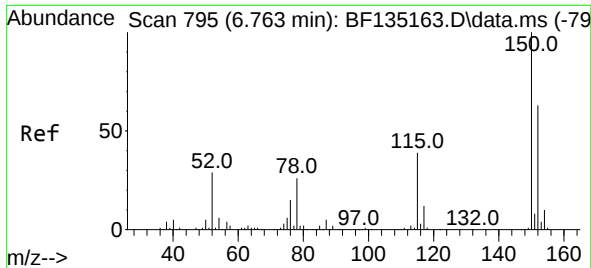
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
Data File : BF135516.D
Acq On : 29 Sep 2023 15:12
Operator : CG\JU
Sample : 04645-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
02

Quant Time: Sep 30 00:21:38 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

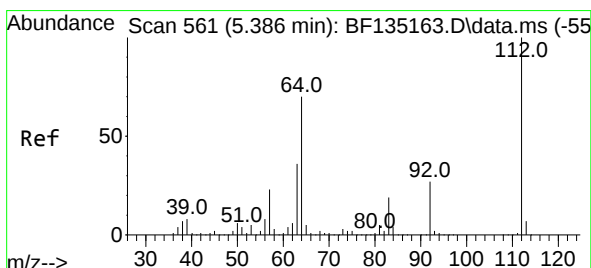
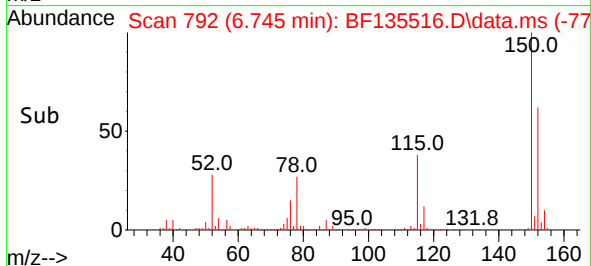
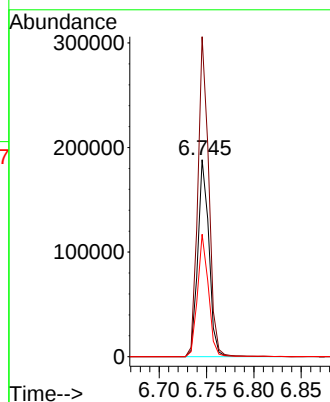
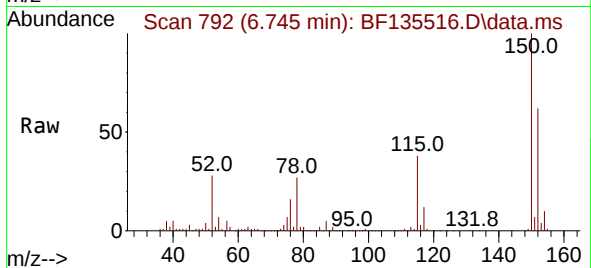




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135516.D
 Acq: 29 Sep 2023 15:12

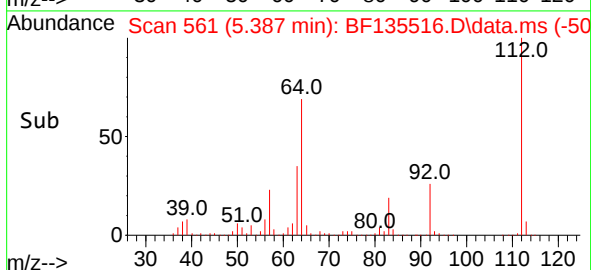
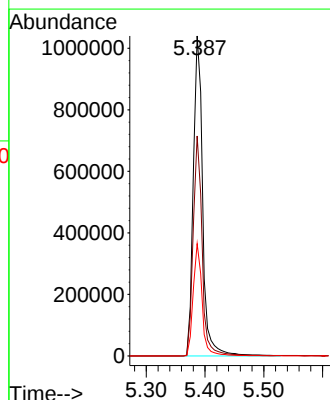
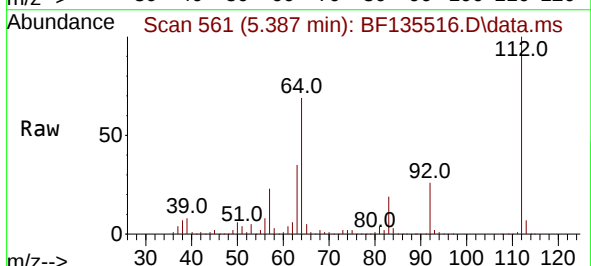
Instrument :
 BNA_F
 ClientSampleId :
 02

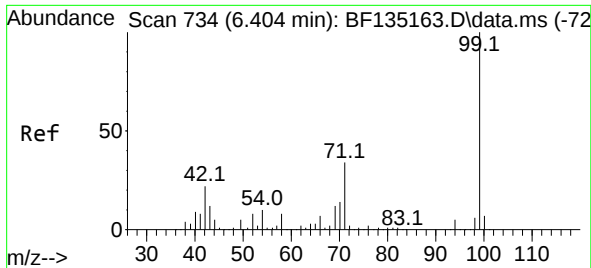
Tgt Ion:152 Resp: 154742
 Ion Ratio Lower Upper
 152 100
 150 162.4 127.8 191.6
 115 62.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 120.982 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135516.D
 Acq: 29 Sep 2023 15:12

Tgt Ion:112 Resp: 1151039
 Ion Ratio Lower Upper
 112 100
 64 68.8 55.9 83.9
 63 35.1 29.0 43.6

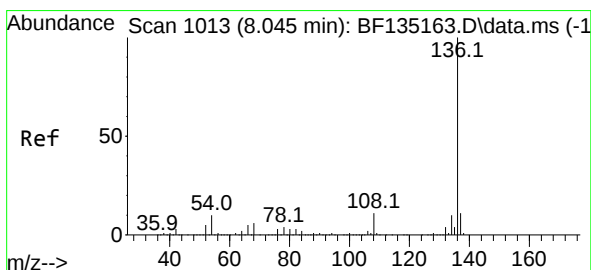
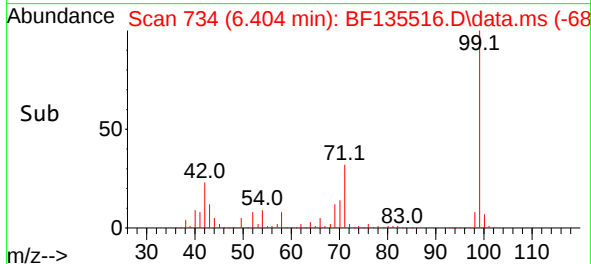
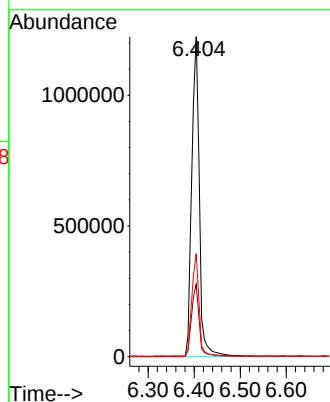
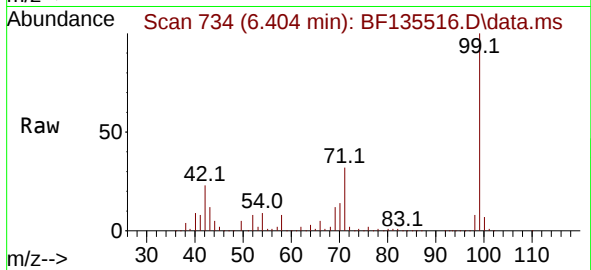




#7
Phenol-d6
Concen: 116.073 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

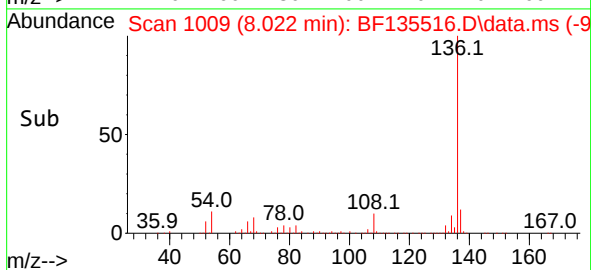
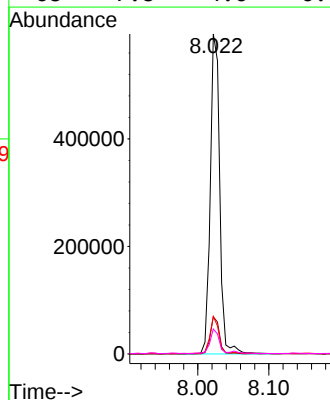
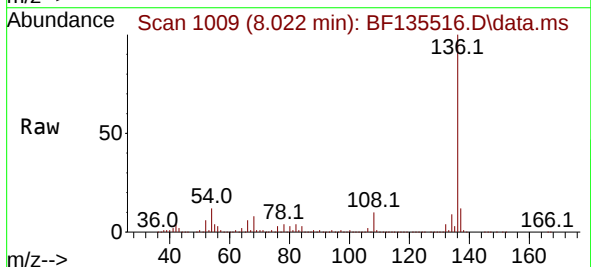
Instrument :
BNA_F
ClientSampleId :
02

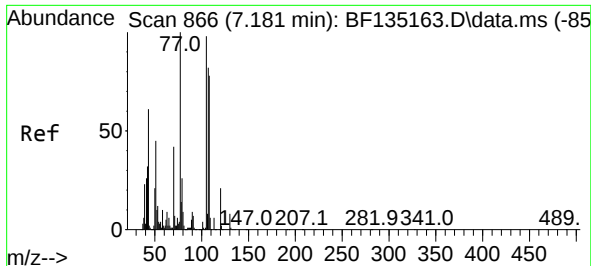
Tgt Ion: 99 Resp: 1404225
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 32.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

Tgt Ion:136 Resp: 551583
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 11.7 7.7 11.5#
68 7.8 4.6 6.8#

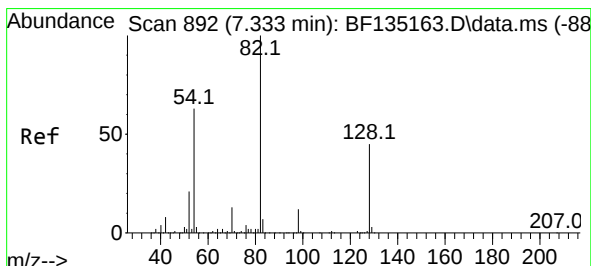
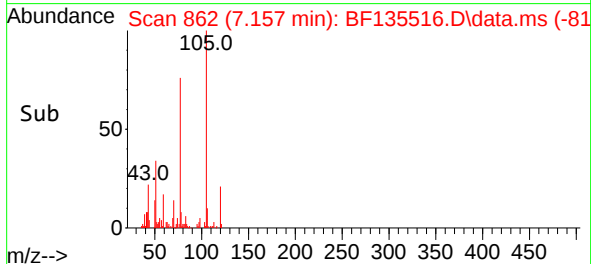
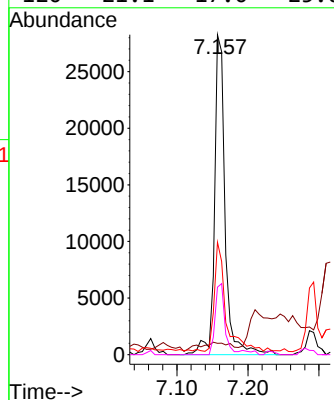
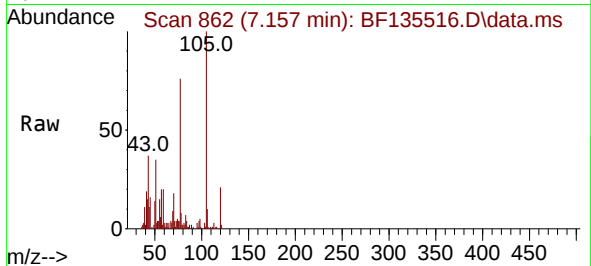




#22
Acetophenone
Concen: 2.327 ng
RT: 7.157 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

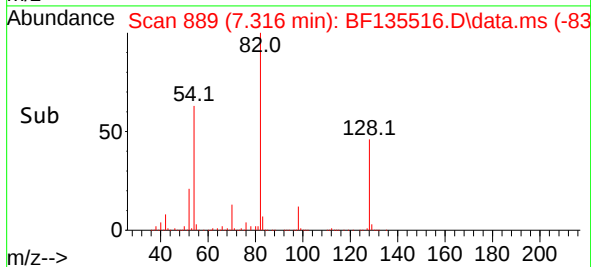
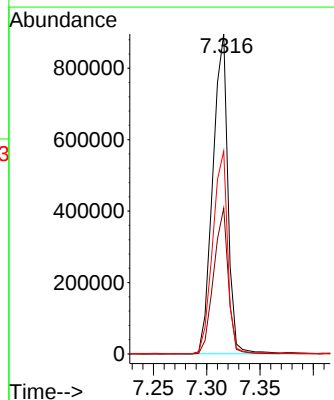
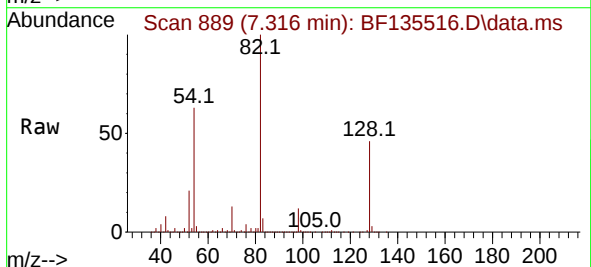
Instrument :
BNA_F
ClientSampleId :
02

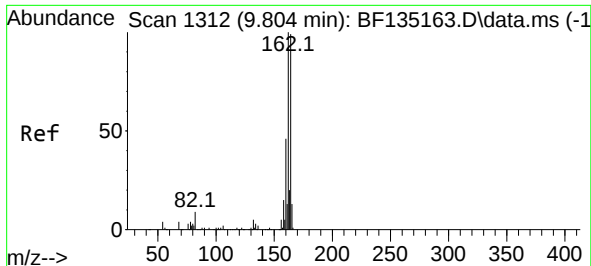
Tgt Ion:105 Resp: 29348
Ion Ratio Lower Upper
105 100
71 3.5 5.8 8.6#
51 35.1 37.0 55.4#
120 21.1 17.0 25.6



#23
Nitrobenzene-d5
Concen: 86.794 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

Tgt Ion: 82 Resp: 881179
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 63.4 50.6 76.0

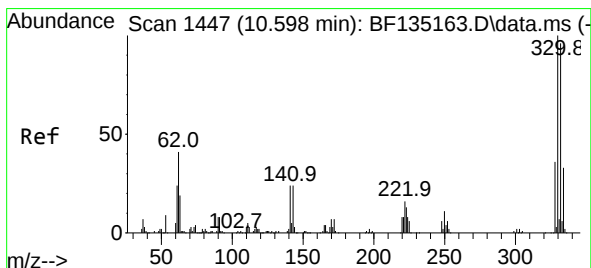
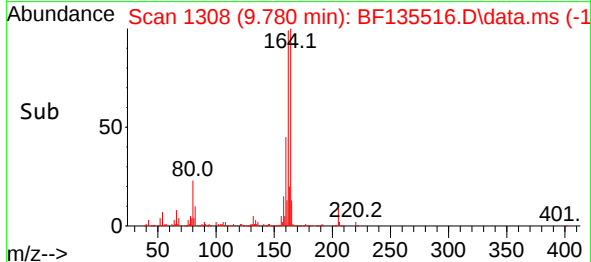
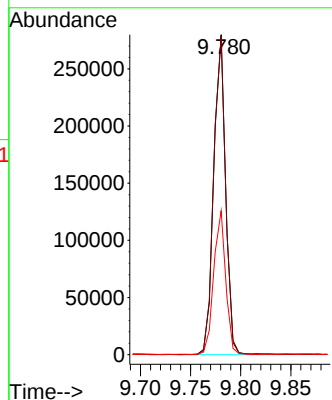
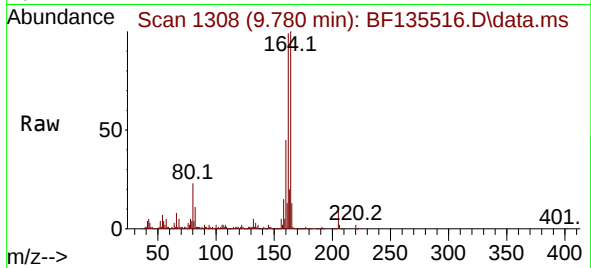




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

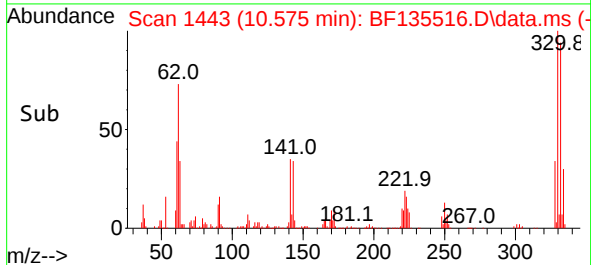
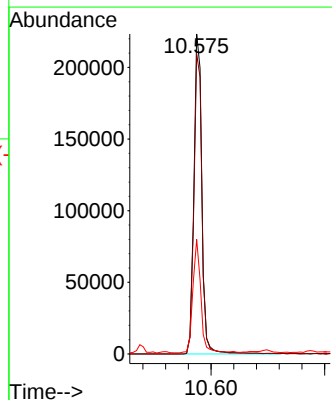
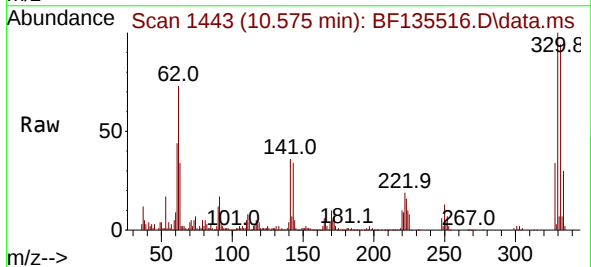
Instrument :
BNA_F
ClientSampleId :
02

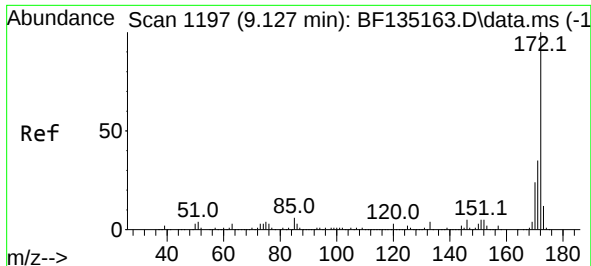
Tgt Ion:164 Resp: 230167
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 45.0 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 95.050 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

Tgt Ion:330 Resp: 217408
Ion Ratio Lower Upper
330 100
332 95.0 77.3 115.9
141 35.2 25.8 38.8

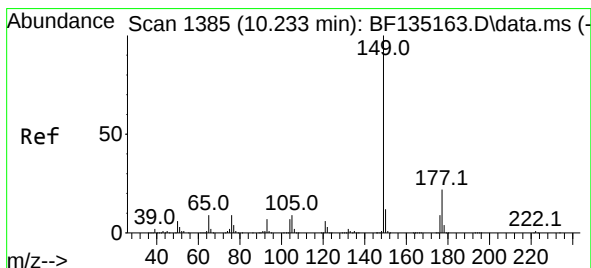
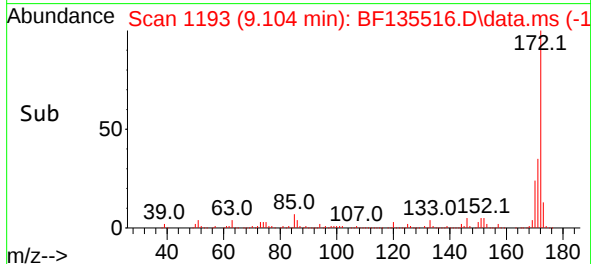
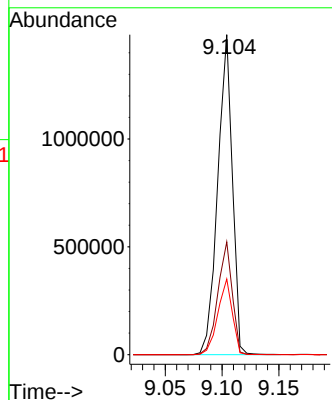
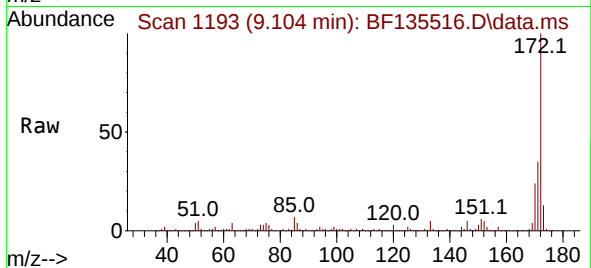




#45
2-Fluorobiphenyl
Concen: 87.344 ng
RT: 9.104 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

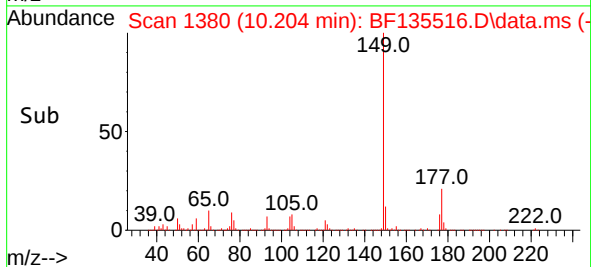
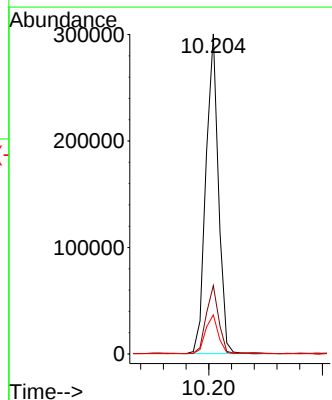
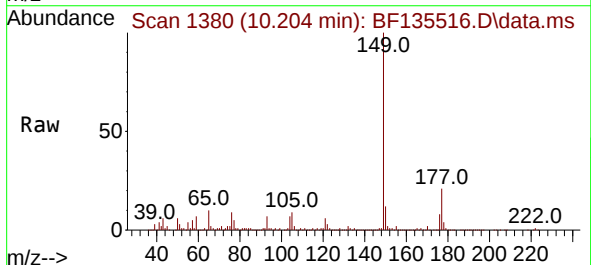
Instrument :
BNA_F
ClientSampleId :
02

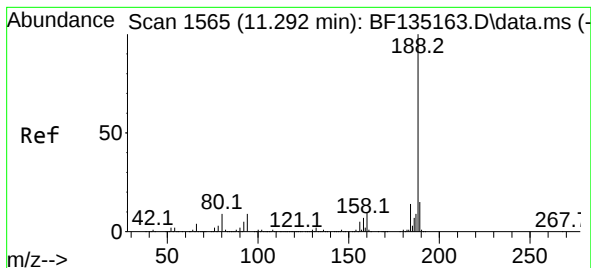
Tgt Ion:172 Resp: 1332495
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.7 19.0 28.4



#60
Diethylphthalate
Concen: 14.702 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.012 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

Tgt Ion:149 Resp: 229615
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.2 10.0 15.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135516.D

Acq: 29 Sep 2023 15:12

Instrument :

BNA_F

ClientSampleId :

02

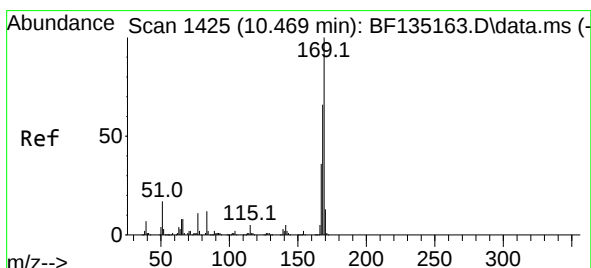
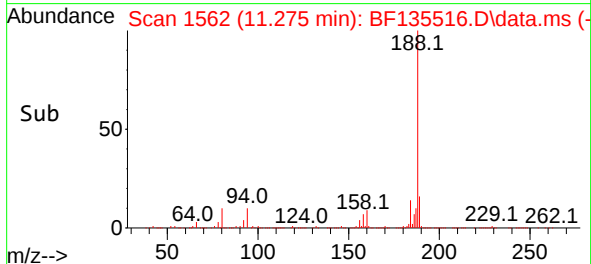
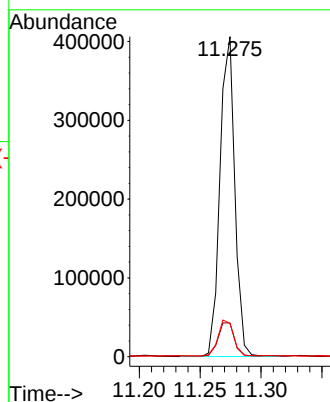
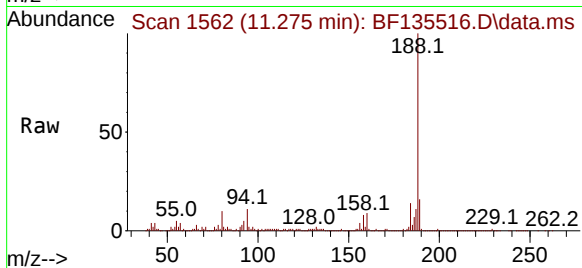
Tgt Ion:188 Resp: 345573

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 10.4 7.5 11.3



#66

n-Nitrosodiphenylamine

Concen: 3.843 ng

RT: 10.445 min Scan# 1421

Delta R.T. -0.006 min

Lab File: BF135516.D

Acq: 29 Sep 2023 15:12

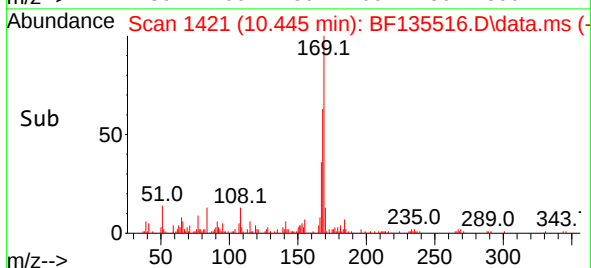
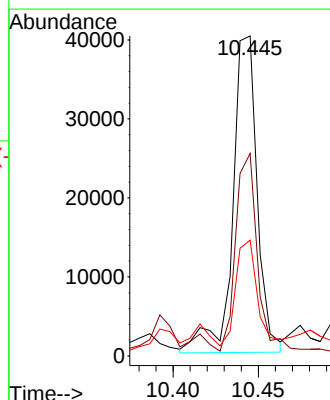
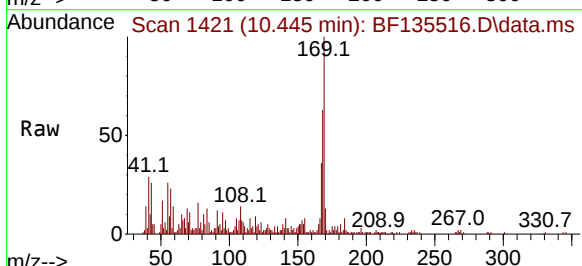
Tgt Ion:169 Resp: 40202

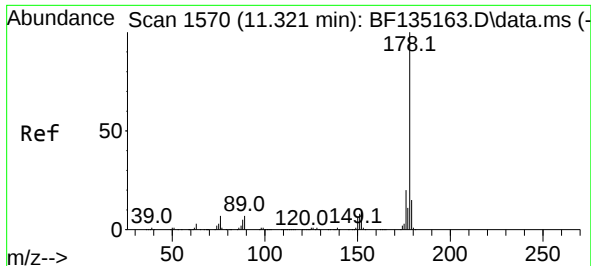
Ion Ratio Lower Upper

169 100

168 63.3 52.8 79.2

167 36.2 29.0 43.6

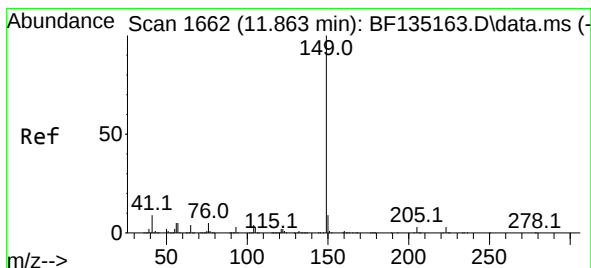
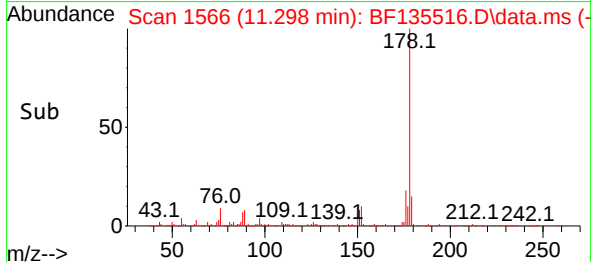
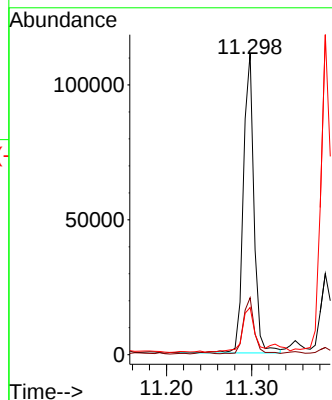
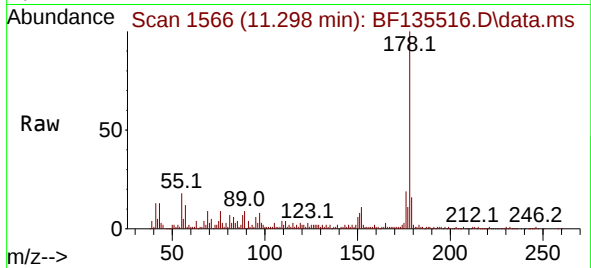




#71
Phenanthrene
Concen: 5.899 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

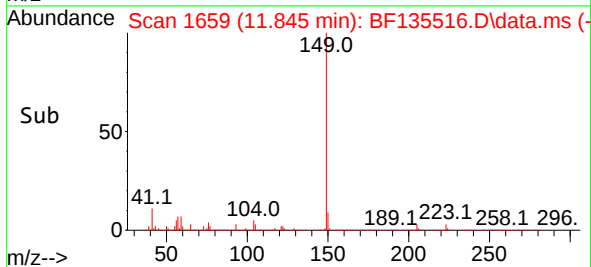
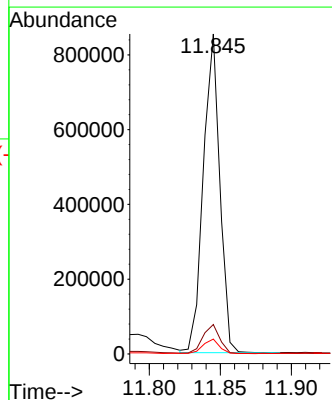
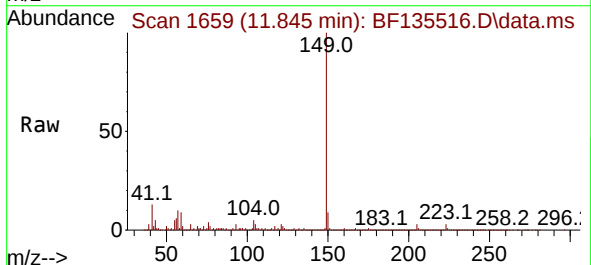
Instrument :
BNA_F
ClientSampleId :
02

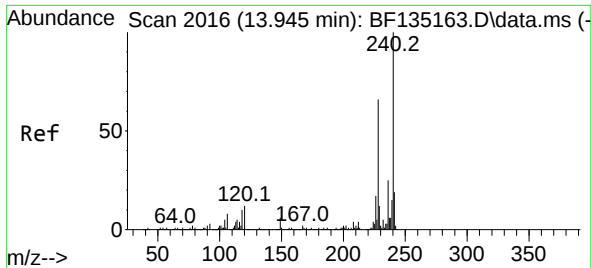
Tgt Ion:178 Resp: 96408
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.7 12.0 18.0



#74
Di-n-butylphthalate
Concen: 38.247 ng
RT: 11.845 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

Tgt Ion:149 Resp: 689242
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.6 3.6 5.4

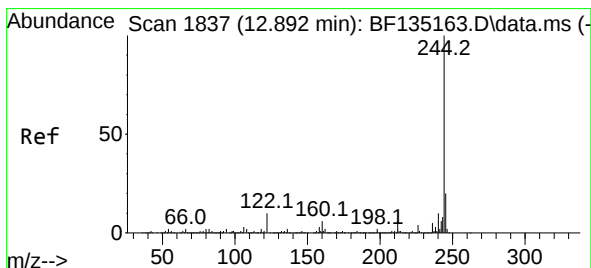
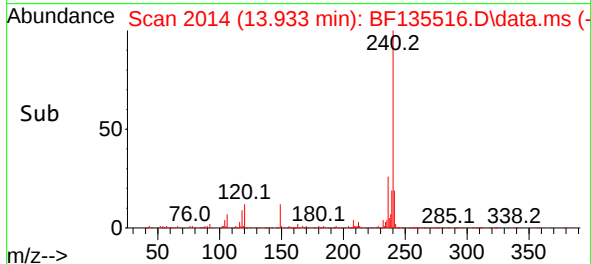
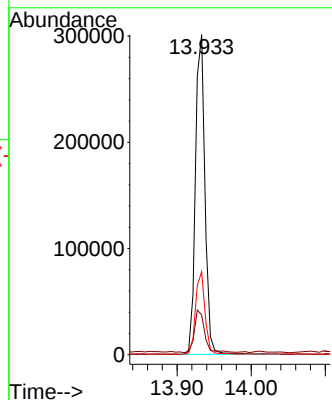
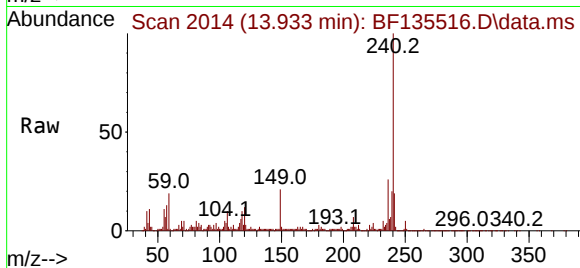




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

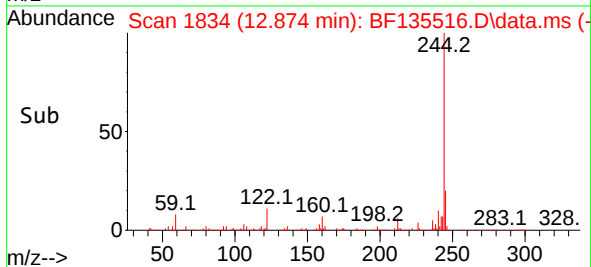
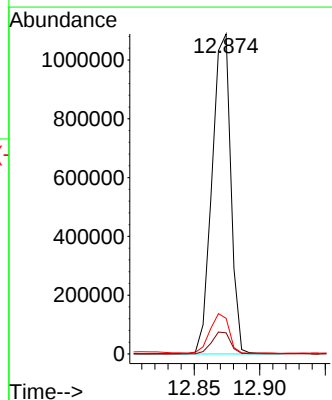
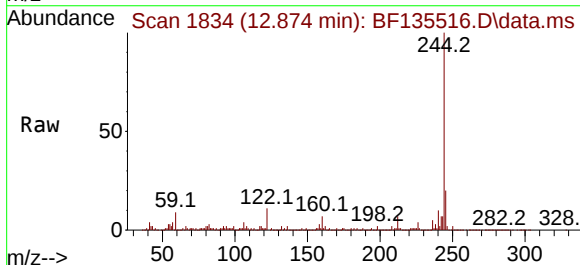
Instrument :
BNA_F
ClientSampleId :
02

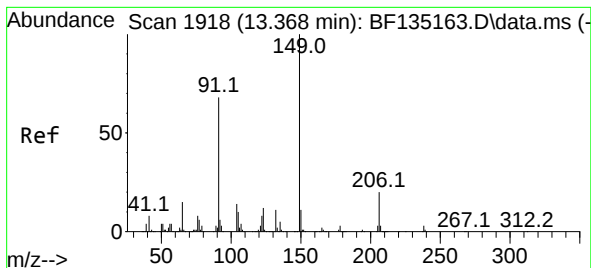
Tgt Ion:240 Resp: 268230
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 25.9 19.8 29.8



#79
Terphenyl-d14
Concen: 62.536 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

Tgt Ion:244 Resp: 1082059
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.2 7.9 11.9





#80

Butylbenzylphthalate

Concen: 41.857 ng

RT: 13.351 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135516.D

Acq: 29 Sep 2023 15:12

Instrument :

BNA_F

ClientSampleId :

02

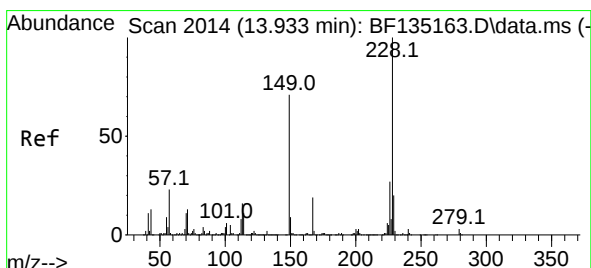
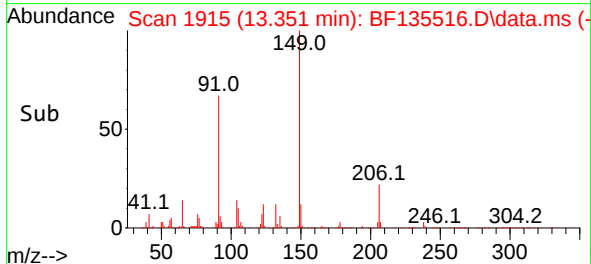
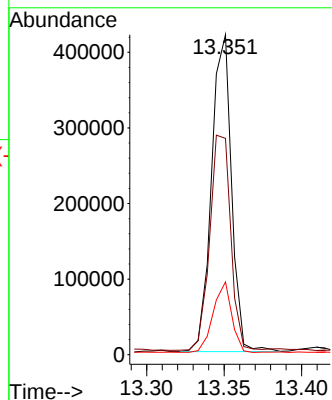
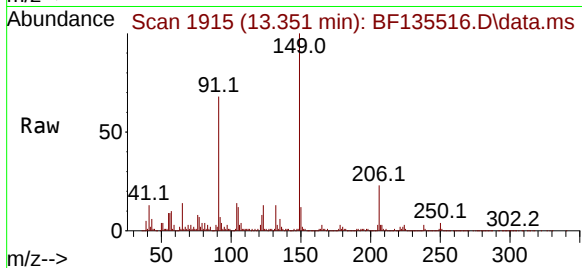
Tgt Ion:149 Resp: 376348

Ion Ratio Lower Upper

149 100

91 67.6 54.7 82.1

206 22.8 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 168.034 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.006 min

Lab File: BF135516.D

Acq: 29 Sep 2023 15:12

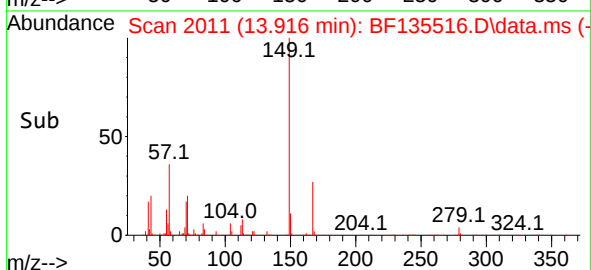
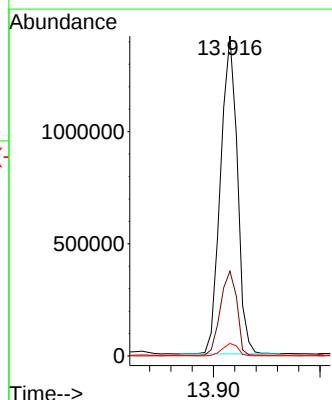
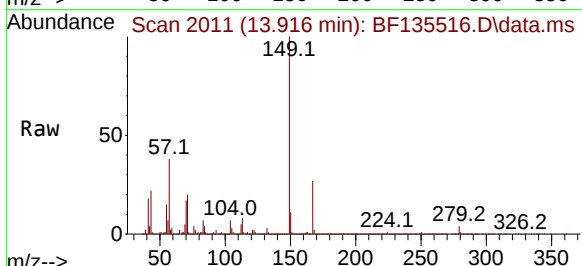
Tgt Ion:149 Resp: 1550401

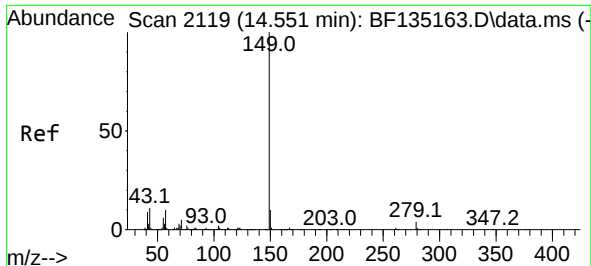
Ion Ratio Lower Upper

149 100

167 26.5 21.9 32.9

279 3.9 3.3 4.9

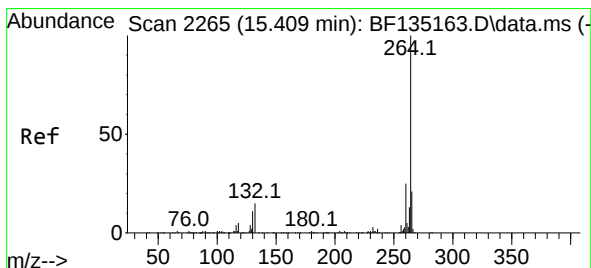
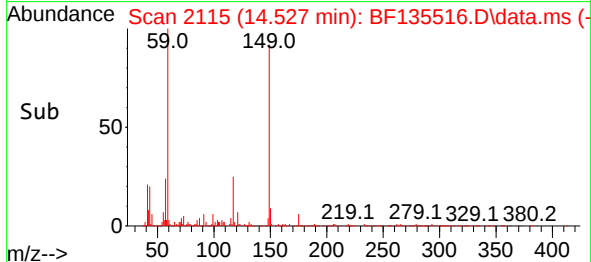
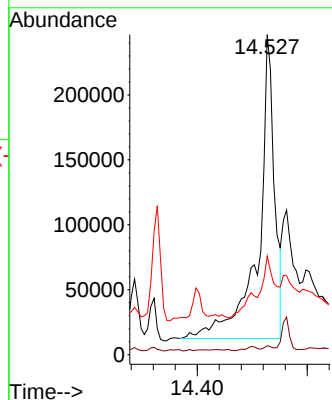
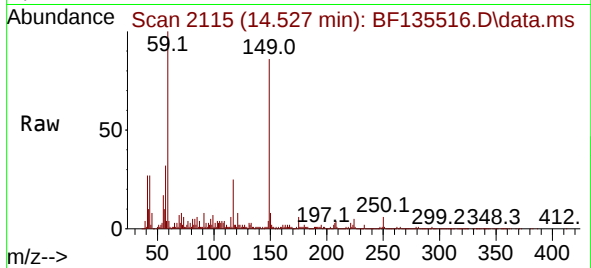




#85
Di-n-octyl phthalate
Concen: 32.576 ng
RT: 14.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

Instrument :
BNA_F
ClientSampleId :
02

Tgt Ion:149 Resp: 477662
Ion Ratio Lower Upper
149 100
167 0.7 1.1 1.7#
43 9.7 9.8 14.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF135516.D
Acq: 29 Sep 2023 15:12

Tgt Ion:264 Resp: 271868
Ion Ratio Lower Upper
264 100
260 23.8 19.8 29.6
265 21.1 17.0 25.4

