

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135500.D
 Acq On : 28 Sep 2023 18:38
 Operator : CG\JU
 Sample : 04620-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-IN

Quant Time: Sep 29 00:25:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

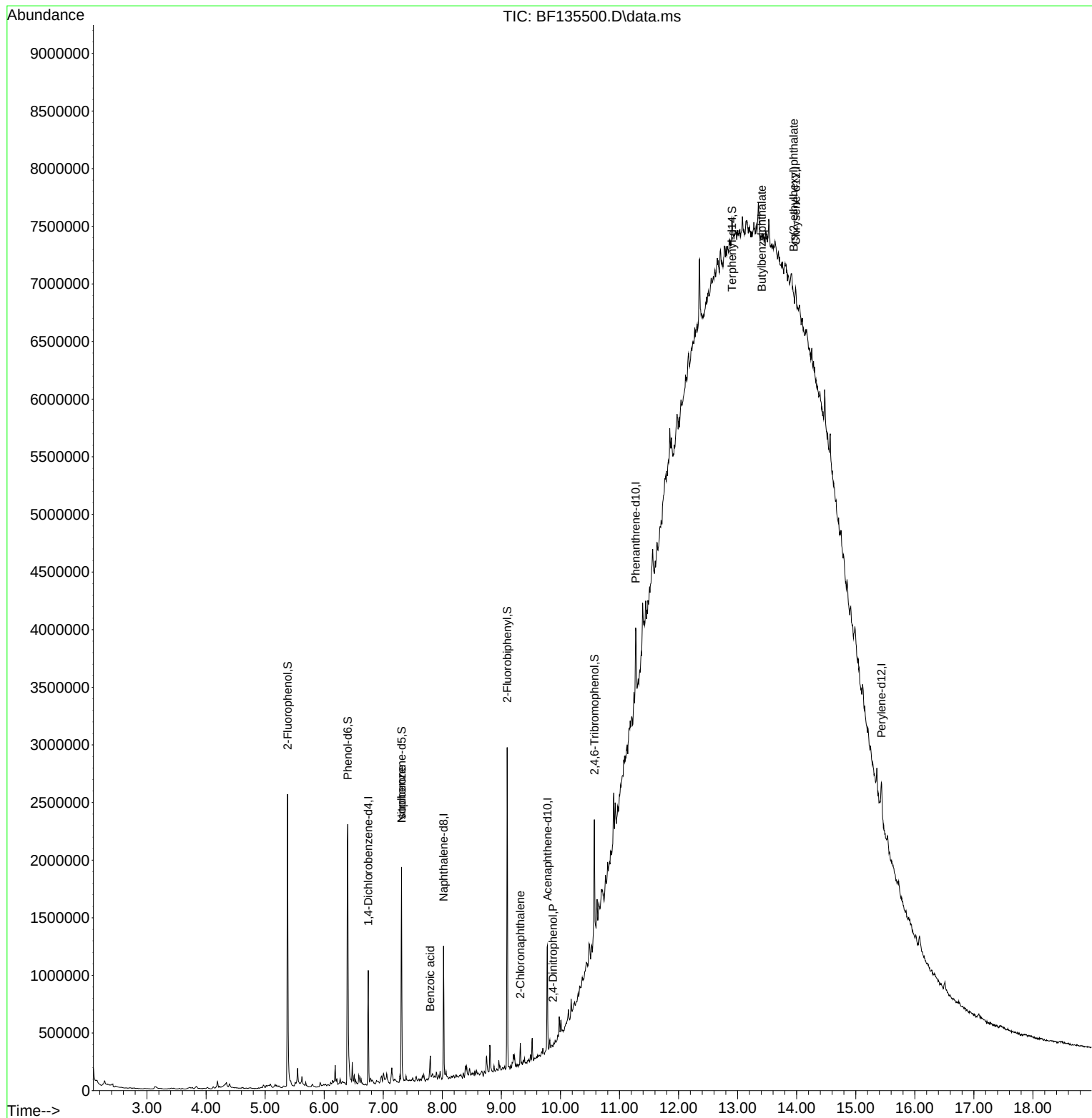
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	132138	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	454086	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	183647	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	252779	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	117741	20.000	ng	# 0.06
86) Perylene-d12	15.433	264	169208	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	723278	89.026	ng	0.00
7) Phenol-d6	6.398	99	871700	84.381	ng	0.00
23) Nitrobenzene-d5	7.310	82	509685	60.982	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	147312	80.719	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	801958	65.884	ng	0.00
79) Terphenyl-d14	12.904	244	394299	51.914	ng	0.04
Target Compounds						
						Qvalue
25) Isophorone	7.310	82	509685	33.210	ng	# 65
32) Benzoic acid	7.798	122	32031	6.383	ng	97
47) 2-Chloronaphthalene	9.322	162	21557	2.105	ng	# 42
54) 2,4-Dinitrophenol	9.875	184	85	6.298	ng	# 1
80) Butylbenzylphthalate	13.410	149	7981	2.022	ng	# 51
84) Bis(2-ethylhexyl)phtha...	13.951	149	19299	4.765	ng	# 76

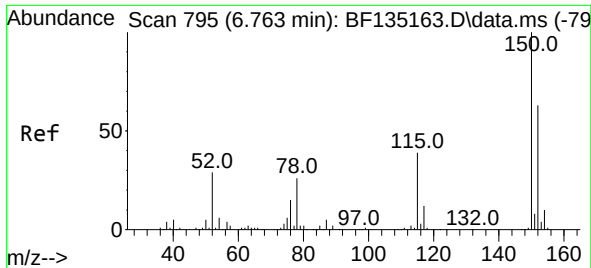
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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QLast Update : Thu Sep 28 19:03:19 2023
Response via : Initial Calibration

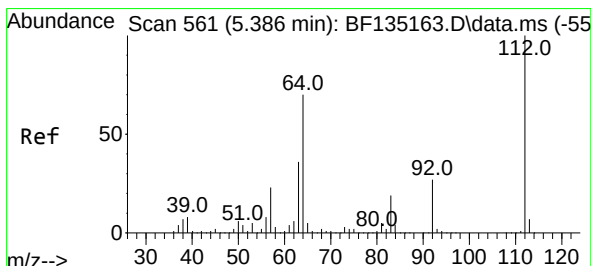
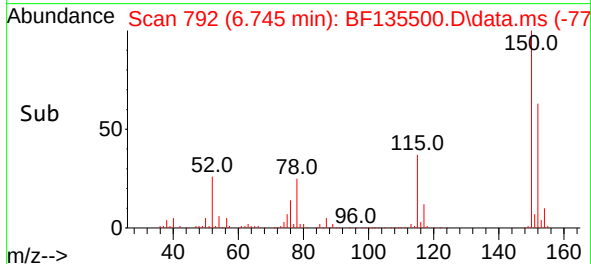
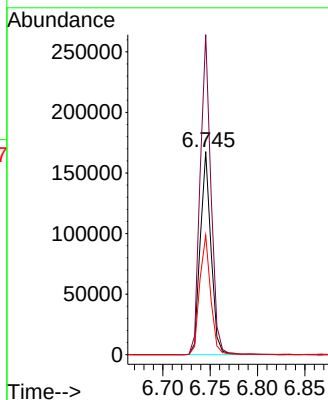
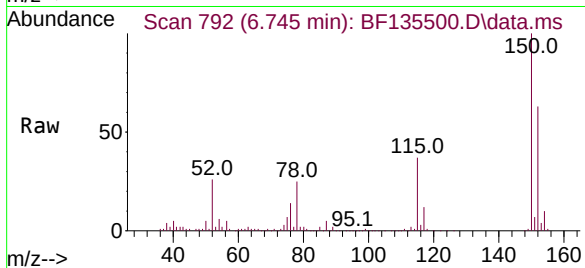




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

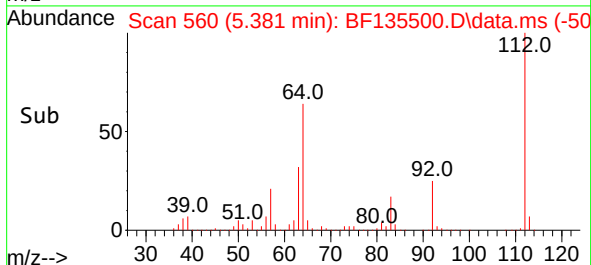
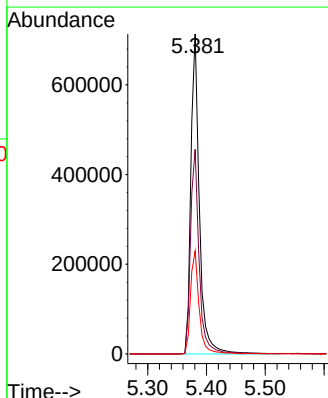
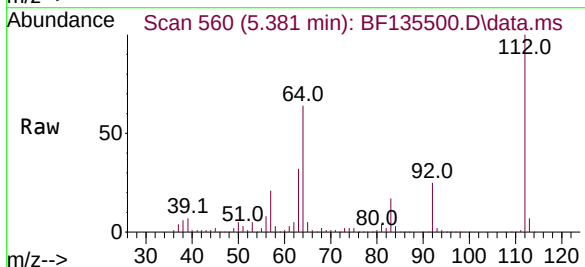
Instrument :
BNA_F
ClientSampleId :
STONE-IN

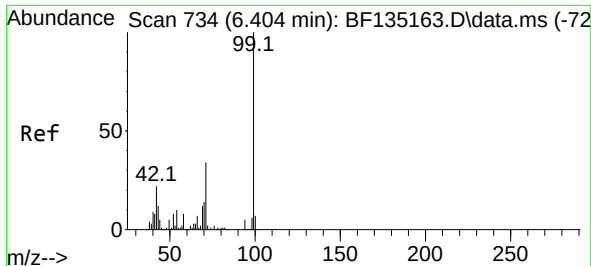
Tgt Ion:152 Resp: 132138
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 58.9 49.8 74.8



#5
2-Fluorophenol
Concen: 89.026 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

Tgt Ion:112 Resp: 723278
Ion Ratio Lower Upper
112 100
64 63.9 55.9 83.9
63 32.2 29.0 43.6

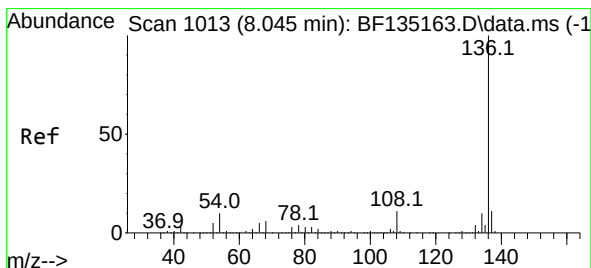
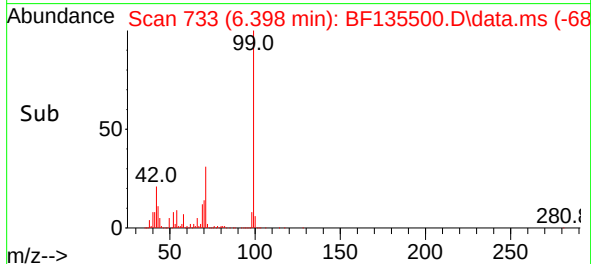
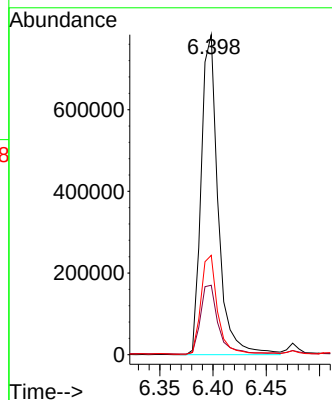
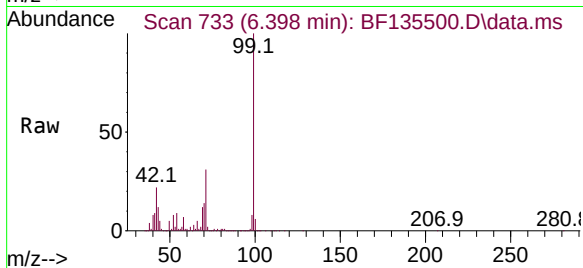




#7
Phenol-d6
Concen: 84.381 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

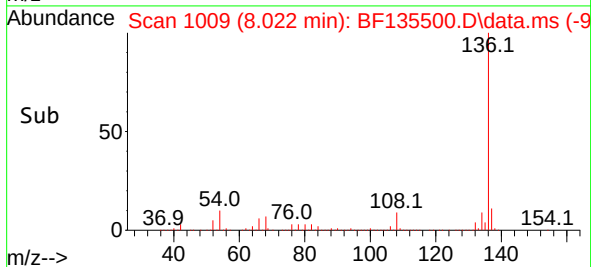
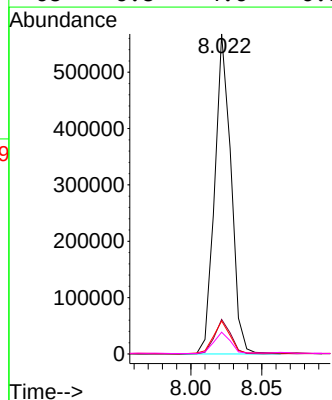
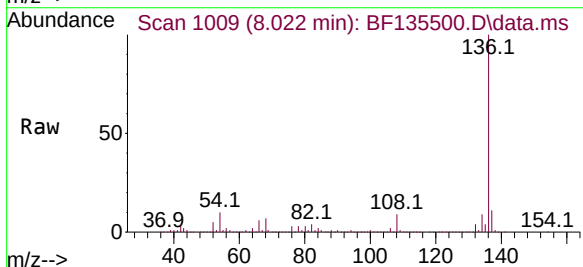
Instrument :
BNA_F
ClientSampleId :
STONE-IN

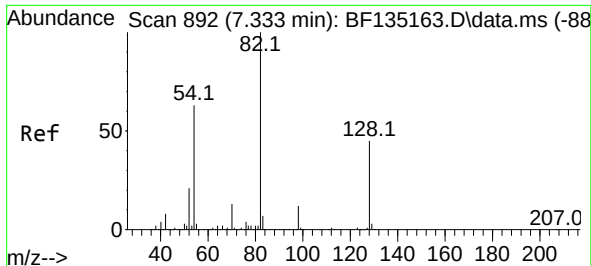
Tgt Ion: 99 Resp: 871700
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 31.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

Tgt Ion: 136 Resp: 454086
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.3 7.7 11.5
68 6.8 4.6 6.8

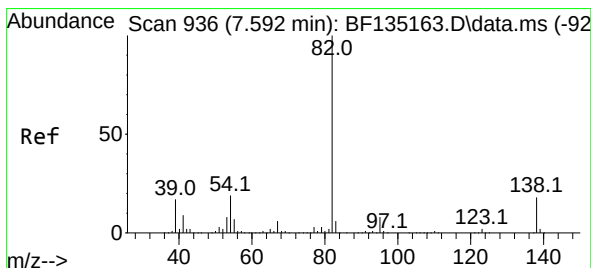
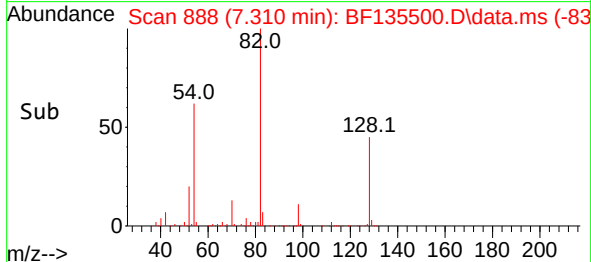
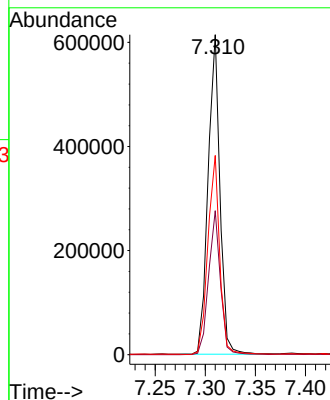
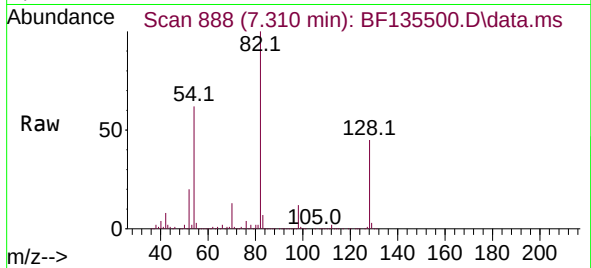




#23
Nitrobenzene-d5
Concen: 60.982 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

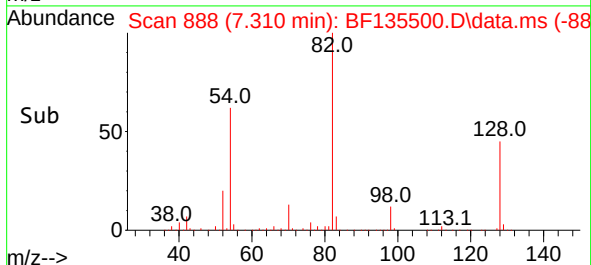
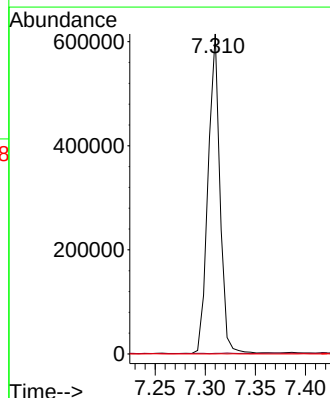
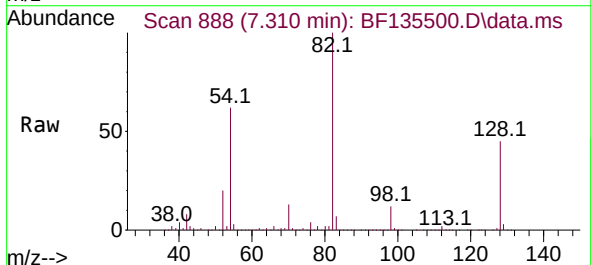
Instrument :
BNA_F
ClientSampleId :
STONE-IN

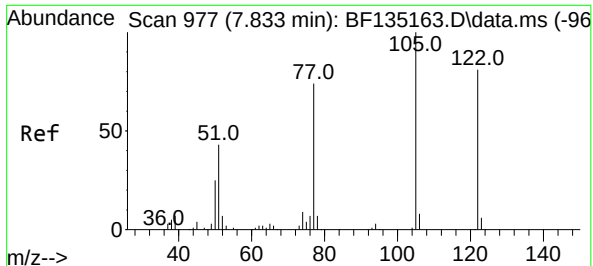
Tgt Ion: 82 Resp: 509685
Ion Ratio Lower Upper
82 100
128 45.0 35.8 53.6
54 62.3 50.6 76.0



#25
Isophorone
Concen: 33.210 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.259 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

Tgt Ion: 82 Resp: 509685
Ion Ratio Lower Upper
82 100
95 0.2 6.0 9.0#
138 0.0 14.5 21.7#





#32

Benzoic acid

Concen: 6.383 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.030 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

Instrument :

BNA_F

ClientSampleId :

STONE-IN

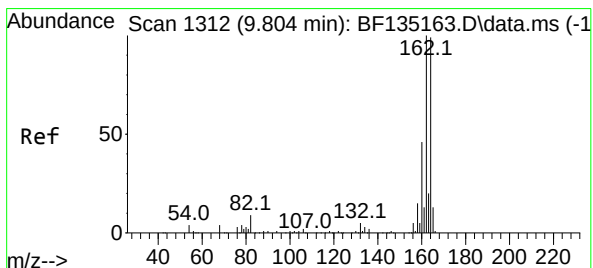
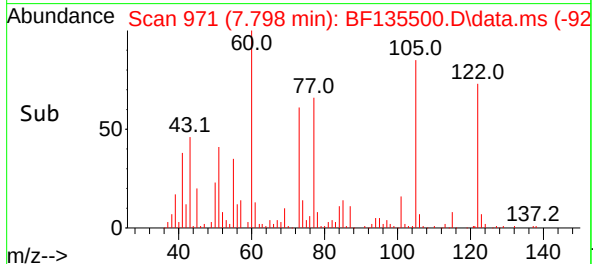
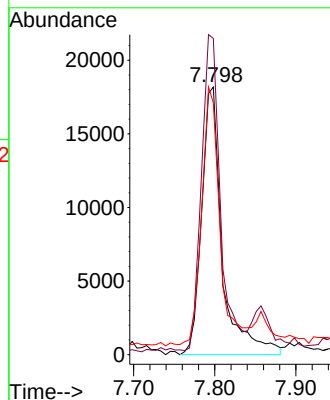
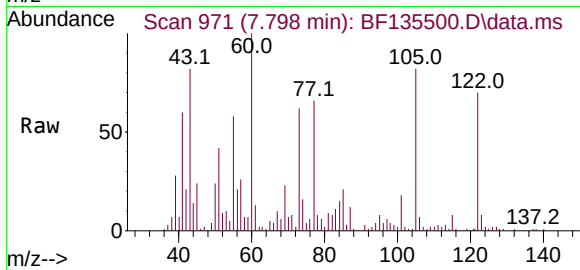
Tgt Ion:122 Resp: 32031

Ion Ratio Lower Upper

122 100

105 118.2 99.9 139.9

77 94.1 70.0 110.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1308

Delta R.T. -0.000 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

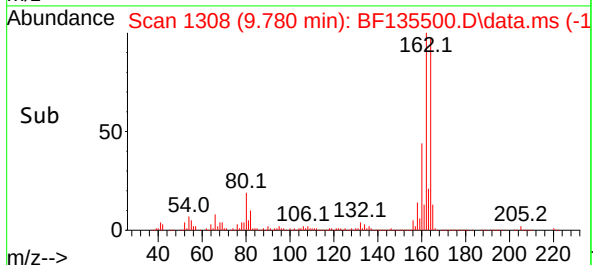
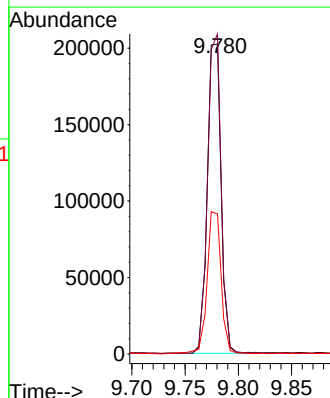
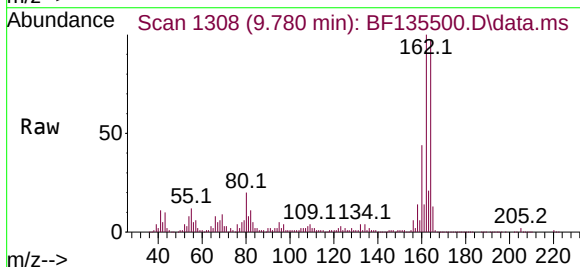
Tgt Ion:164 Resp: 183647

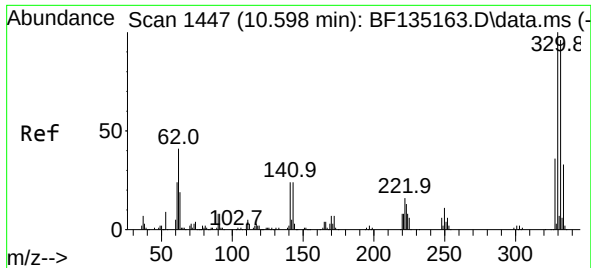
Ion Ratio Lower Upper

164 100

162 103.3 81.0 121.4

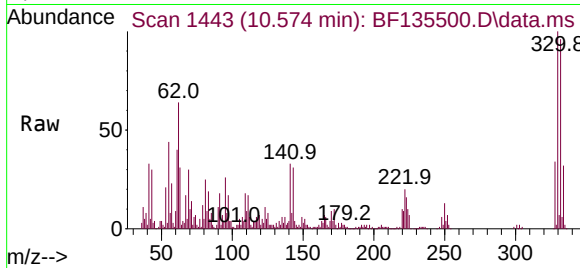
160 45.3 37.0 55.4



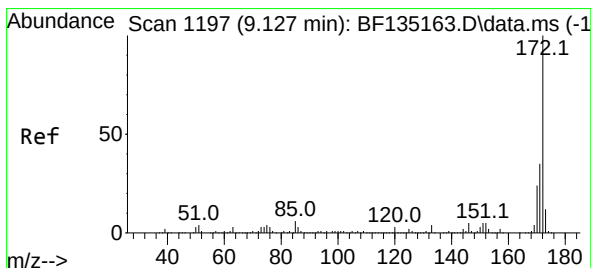
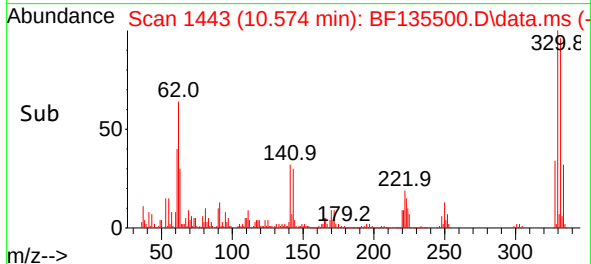
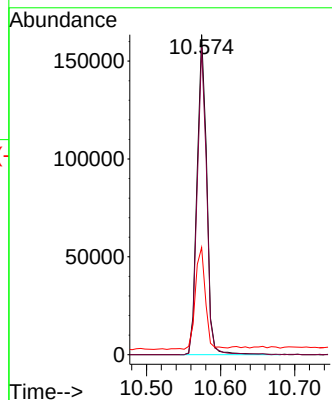


#42
 2,4,6-Tribromophenol
 Concen: 80.719 ng
 RT: 10.574 min Scan# 1443
 Delta R.T. -0.000 min
 Lab File: BF135500.D
 Acq: 28 Sep 2023 18:38

Instrument :
 BNA_F
 ClientSampleId :
 STONE-IN

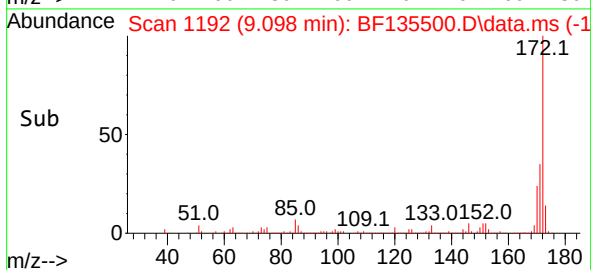
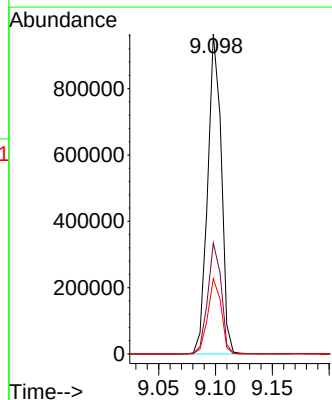
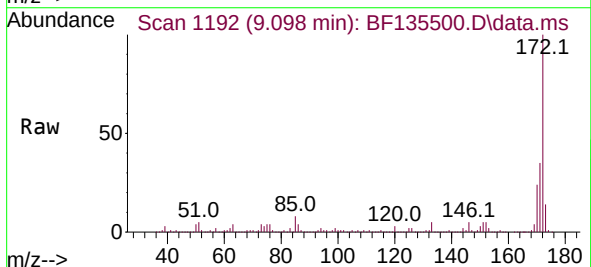


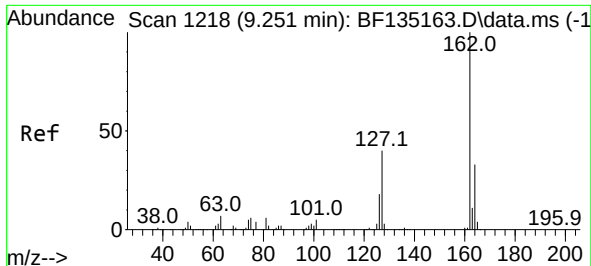
Tgt Ion:330 Resp: 147312
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.3 115.9
 141 33.1 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 65.884 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.006 min
 Lab File: BF135500.D
 Acq: 28 Sep 2023 18:38

Tgt Ion:172 Resp: 801958
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.4 42.6
 170 23.6 19.0 28.4





#47

2-Chloronaphthalene

Concen: 2.105 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.094 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

Instrument :

BNA_F

ClientSampleId :

STONE-IN

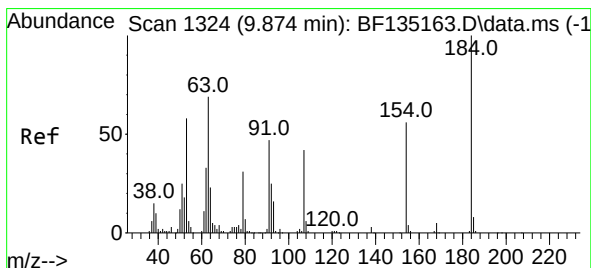
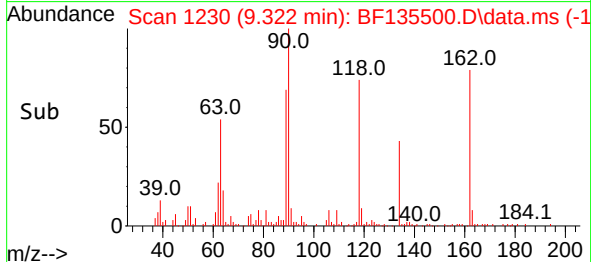
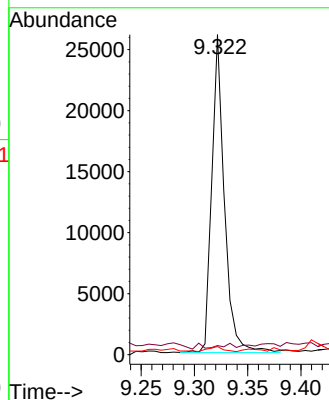
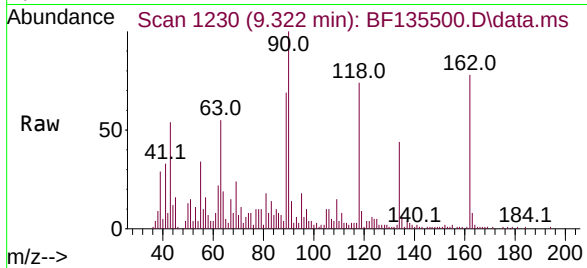
Tgt Ion:162 Resp: 21557

Ion Ratio Lower Upper

162 100

127 2.8 32.6 48.8#

164 2.5 26.2 39.2#



#54

2,4-Dinitrophenol

Concen: 6.298 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.012 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

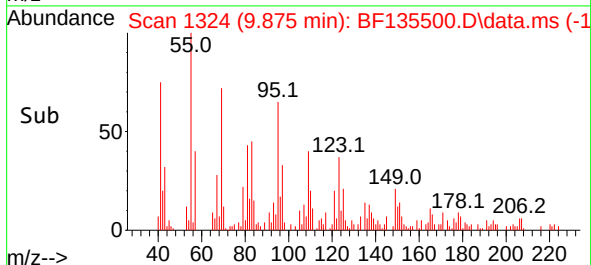
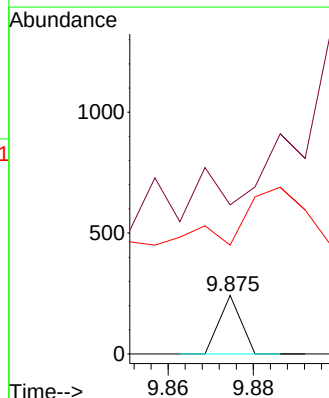
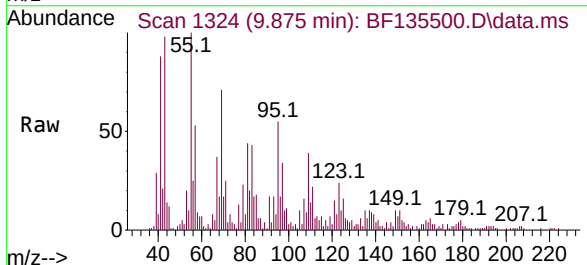
Tgt Ion:184 Resp: 85

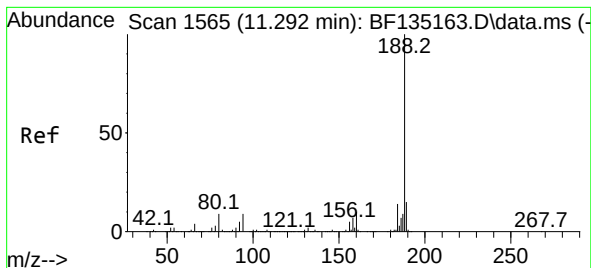
Ion Ratio Lower Upper

184 100

63 255.0 55.1 82.7#

154 186.0 48.4 72.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

Instrument :

BNA_F

ClientSampleId :

STONE-IN

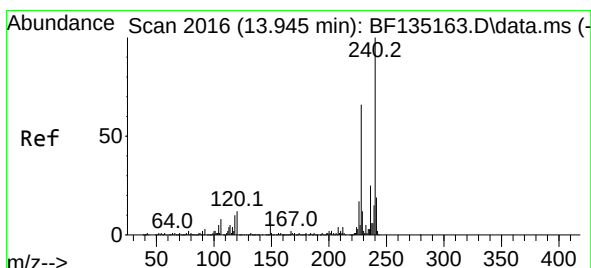
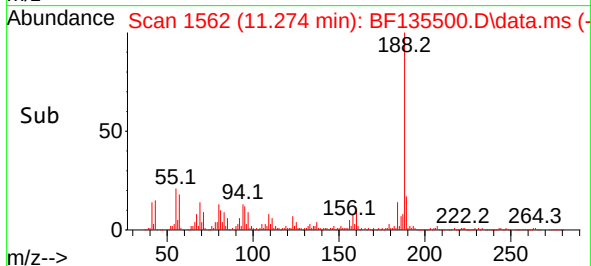
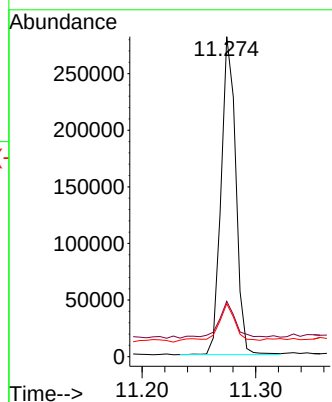
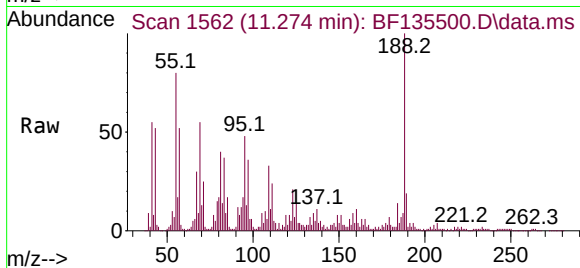
Tgt Ion:188 Resp: 252779

Ion Ratio Lower Upper

188 100

94 17.3 7.0 10.6#

80 16.5 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.059 min

Lab File: BF135500.D

Acq: 28 Sep 2023 18:38

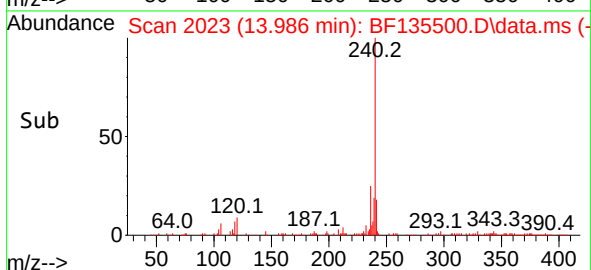
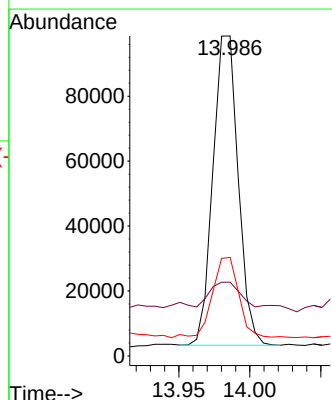
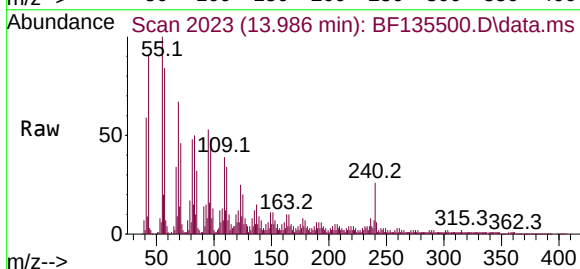
Tgt Ion:240 Resp: 117741

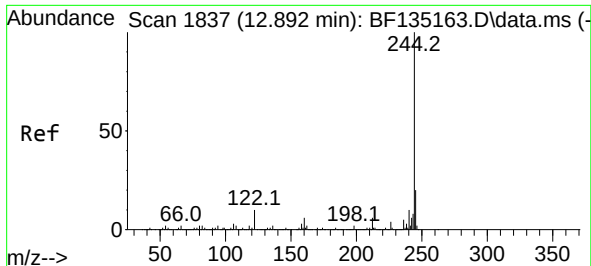
Ion Ratio Lower Upper

240 100

120 23.1 9.4 14.2#

236 30.8 19.8 29.8#

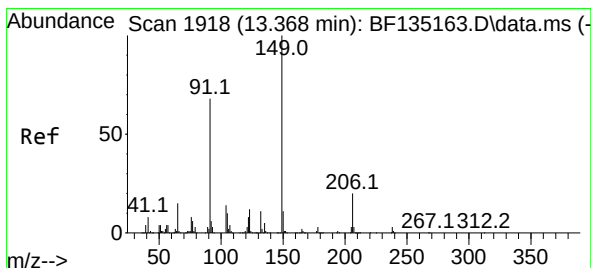
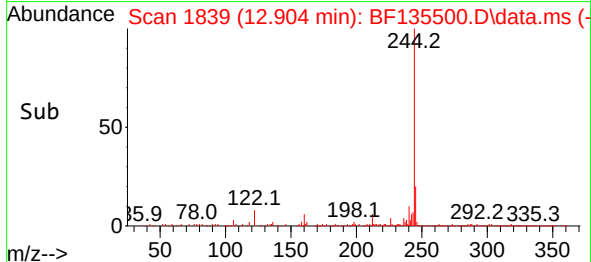
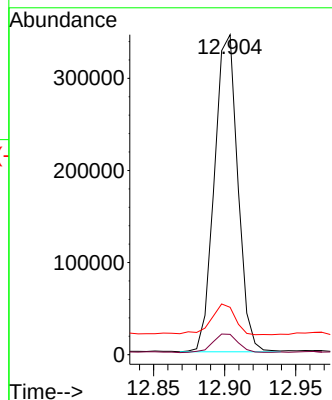
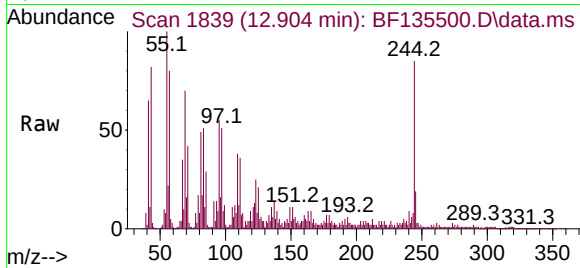




#79
 Terphenyl-d14
 Concen: 51.914 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.035 min
 Lab File: BF135500.D
 Acq: 28 Sep 2023 18:38

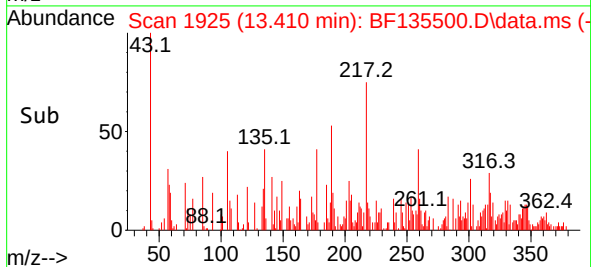
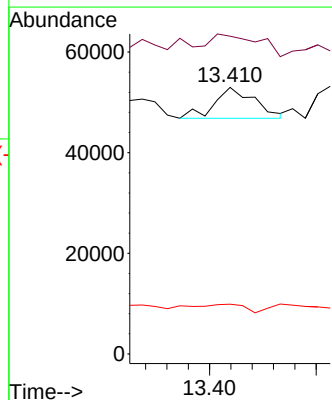
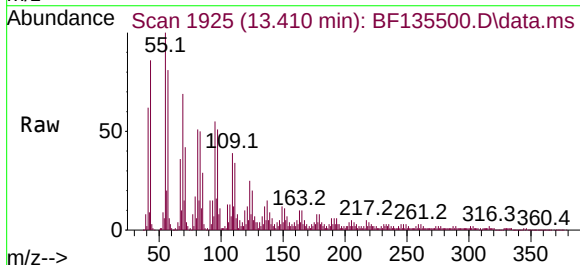
Instrument :
 BNA_F
 ClientSampleId :
 STONE-IN

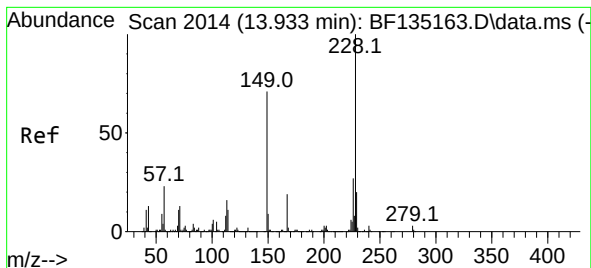
Tgt Ion:244 Resp: 394299
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 14.8 7.9 11.9#



#80
 Butylbenzylphthalate
 Concen: 2.022 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. 0.065 min
 Lab File: BF135500.D
 Acq: 28 Sep 2023 18:38

Tgt Ion:149 Resp: 7981
 Ion Ratio Lower Upper
 149 100
 91 119.2 54.7 82.1#
 206 18.7 16.3 24.5

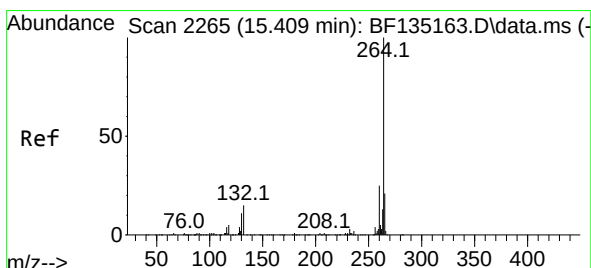
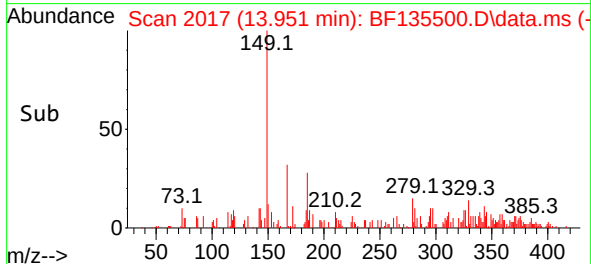
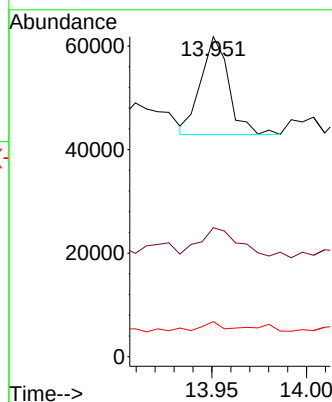
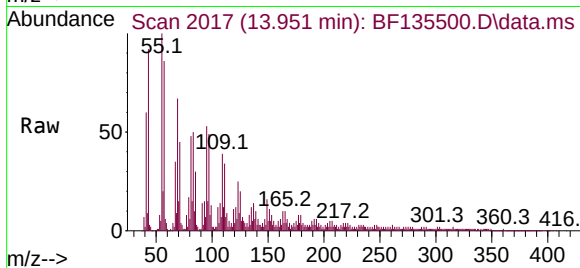




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.765 ng
RT: 13.951 min Scan# 2014
Delta R.T. 0.047 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

Instrument :
BNA_F
ClientSampleId :
STONE-IN

Tgt Ion:149 Resp: 19299
Ion Ratio Lower Upper
149 100
167 40.3 21.9 32.9#
279 11.0 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.053 min
Lab File: BF135500.D
Acq: 28 Sep 2023 18:38

Tgt Ion:264 Resp: 169208
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.6
265 23.9 17.0 25.4

