

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135462.D
 Acq On : 26 Sep 2023 20:00
 Operator : CG\JU
 Sample : 04566-06 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-08-1

Quant Time: Sep 27 02:16:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

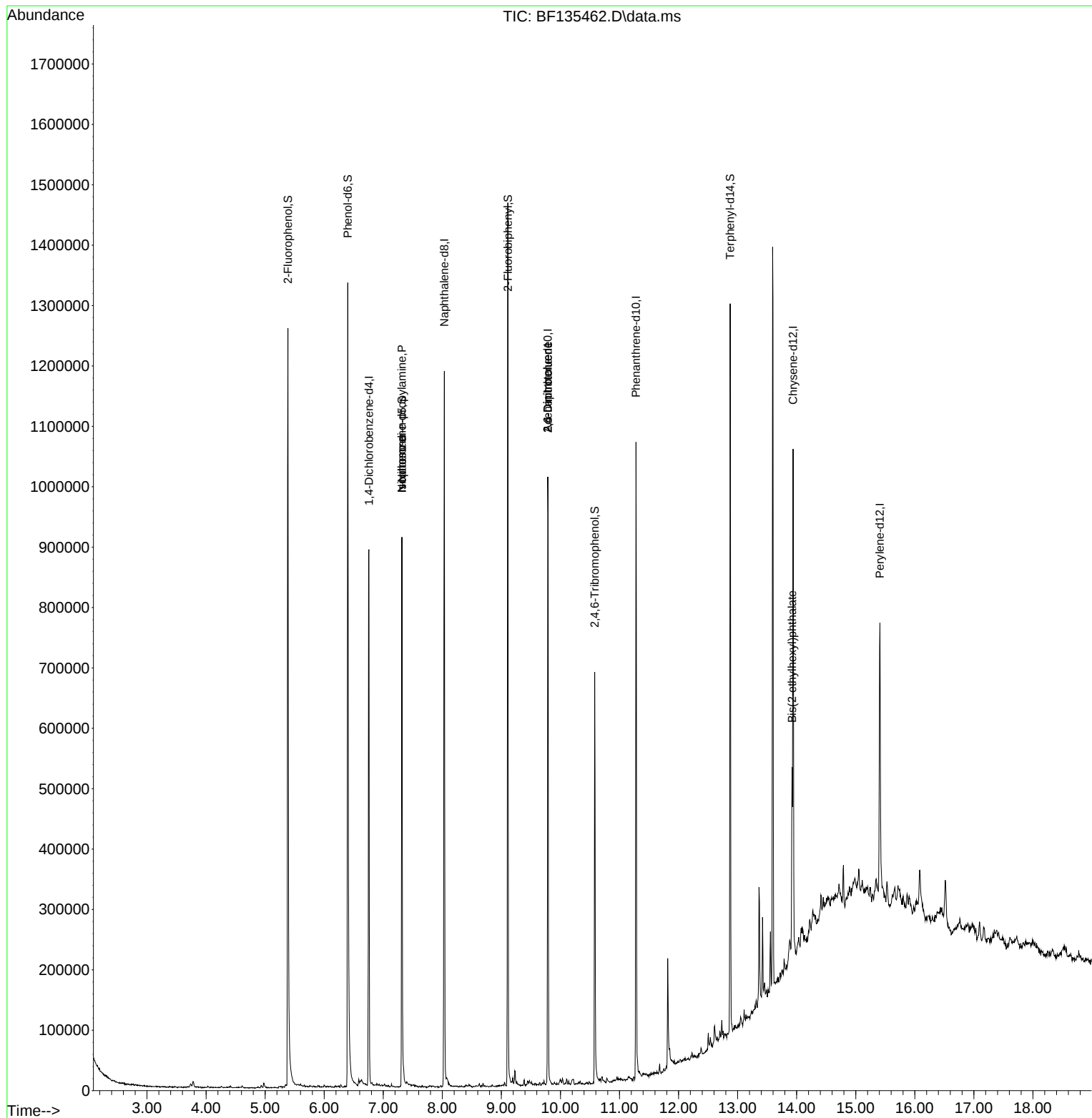
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	140181	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	482335	20.000	ng	# 0.00
39) Acenaphthene-d10	9.786	164	209883	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	385931	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	271253	20.000	ng	0.00
86) Perylene-d12	15.410	264	215371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	389861	45.234	ng	0.00
7) Phenol-d6	6.398	99	474816	43.325	ng	0.00
23) Nitrobenzene-d5	7.316	82	266278	29.993	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	72077	34.557	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	418654	30.094	ng	0.00
79) Terphenyl-d14	12.874	244	393536	22.490	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.316	70	34513	5.084	ng	# 79
25) Isophorone	7.316	82	266275	16.334	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	26651	8.573	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	26652	6.848	ng	# 19
84) Bis(2-ethylhexyl)phtha...	13.921	149	76704	8.221	ng	98

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

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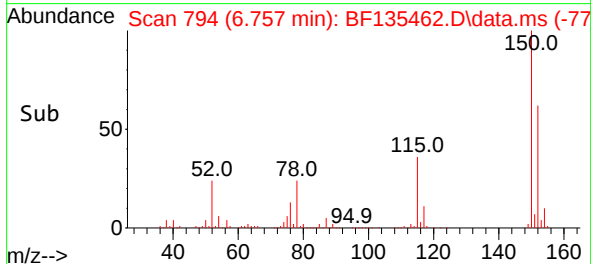
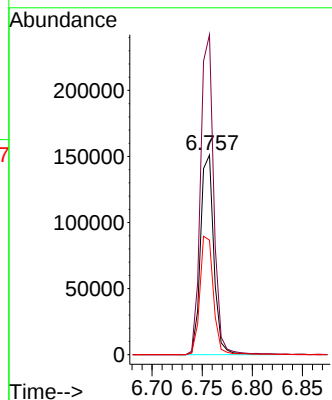
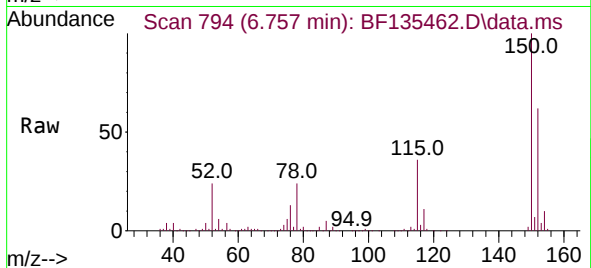




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: BF135462.D
 Acq: 26 Sep 2023 20:00

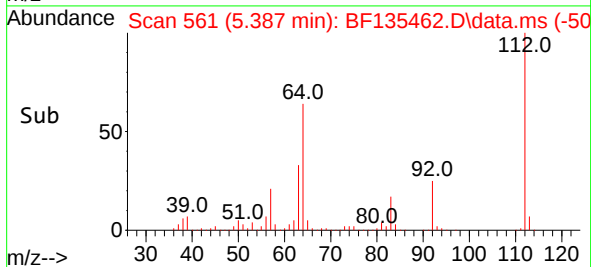
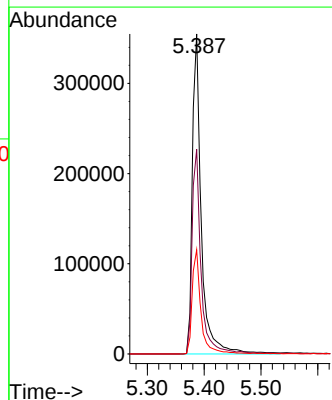
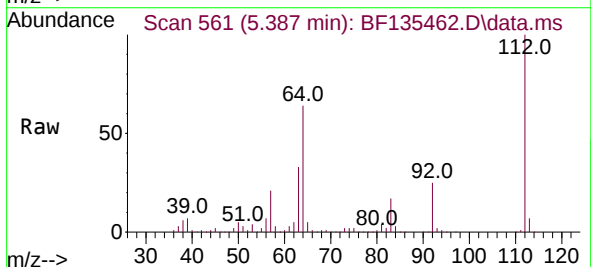
Instrument :
 BNA_F
 ClientSampleId :
 B102-08-1

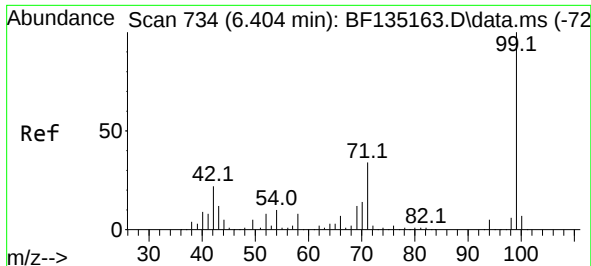
Tgt Ion:152 Resp: 140181
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.8 191.6
 115 57.4 49.8 74.8



#5
 2-Fluorophenol
 Concen: 45.234 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135462.D
 Acq: 26 Sep 2023 20:00

Tgt Ion:112 Resp: 389861
 Ion Ratio Lower Upper
 112 100
 64 64.0 55.9 83.9
 63 32.5 29.0 43.6

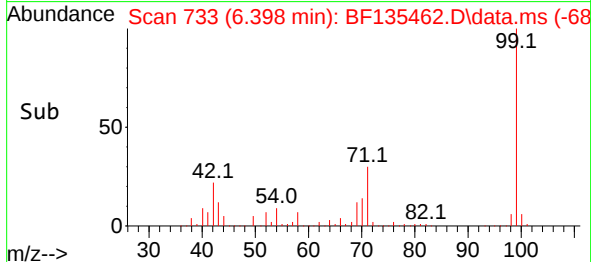
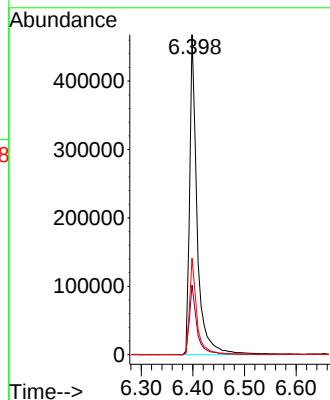
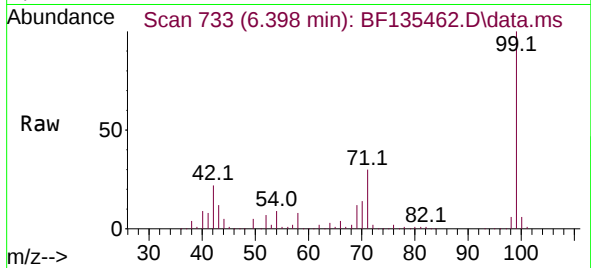




#7
Phenol-d6
Concen: 43.325 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135462.D
Acq: 26 Sep 2023 20:00

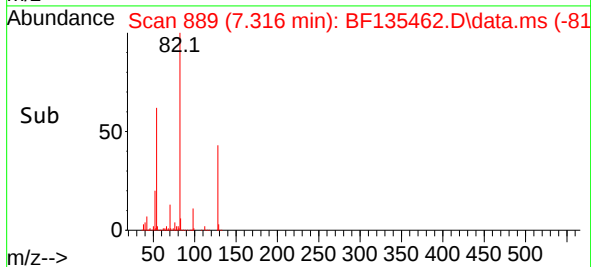
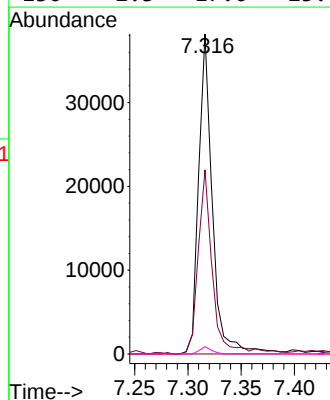
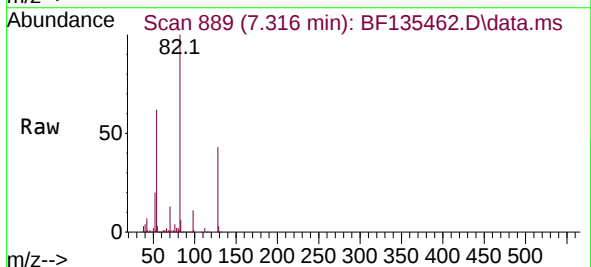
Instrument :
BNA_F
ClientSampleId :
B102-08-1

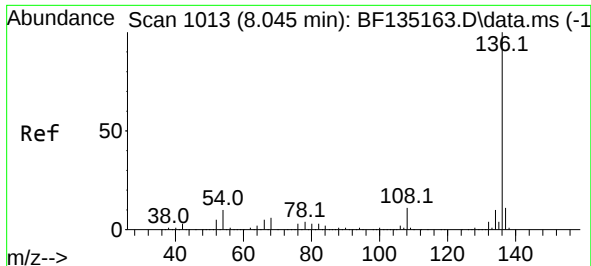
Tgt Ion: 99 Resp: 474816
Ion Ratio Lower Upper
99 100
42 21.8 17.9 26.9
71 30.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.084 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135462.D
Acq: 26 Sep 2023 20:00

Tgt Ion: 70 Resp: 34513
Ion Ratio Lower Upper
70 100
42 57.6 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

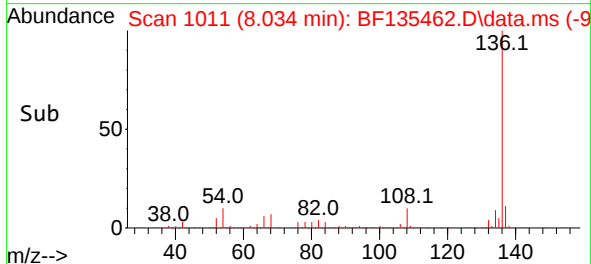
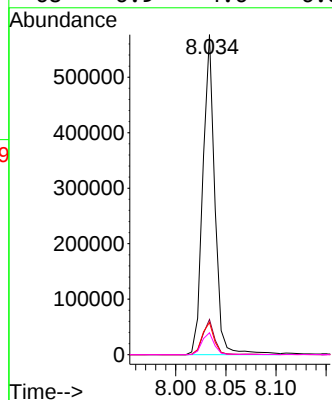
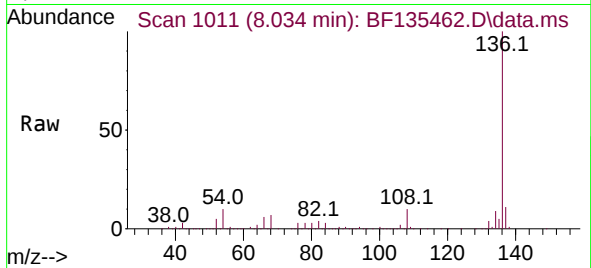




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135462.D
Acq: 26 Sep 2023 20:00

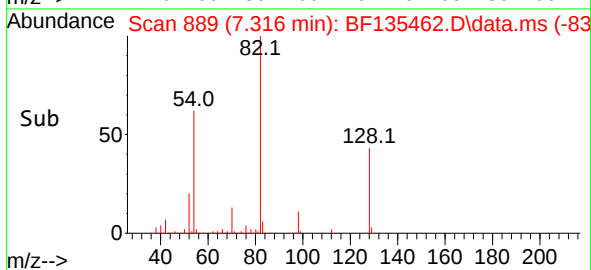
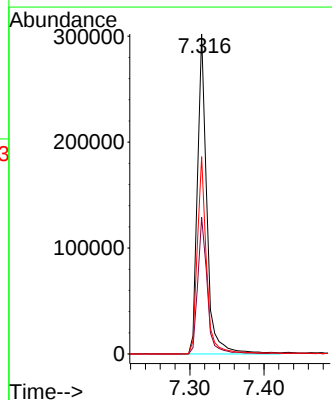
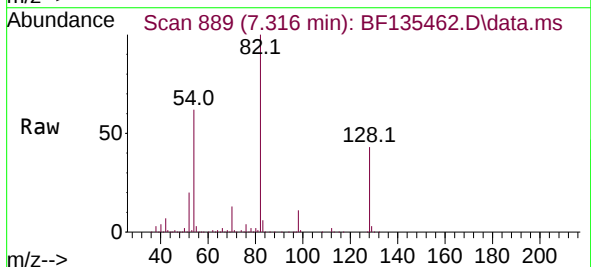
Instrument :
BNA_F
ClientSampleId :
B102-08-1

Tgt Ion:136 Resp: 482335
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.7 11.5
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 29.993 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135462.D
Acq: 26 Sep 2023 20:00

Tgt Ion: 82 Resp: 266278
Ion Ratio Lower Upper
82 100
128 42.7 35.8 53.6
54 61.6 50.6 76.0

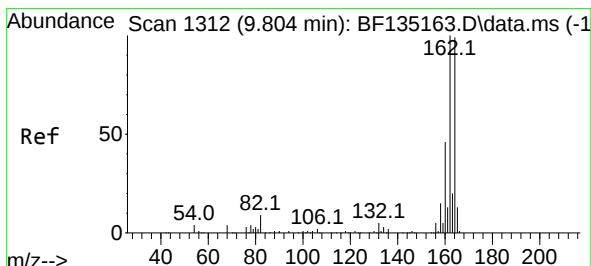
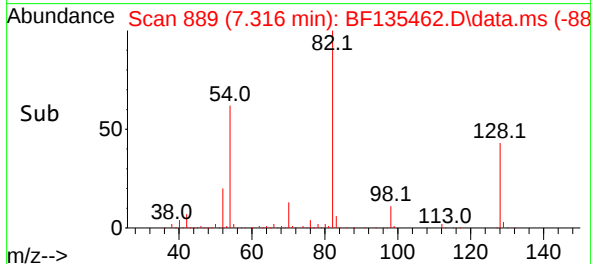
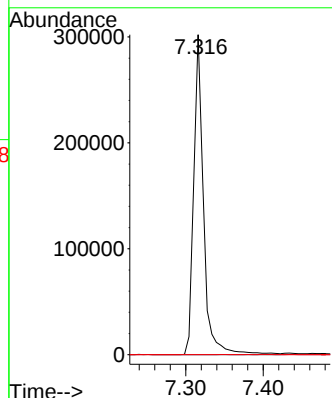
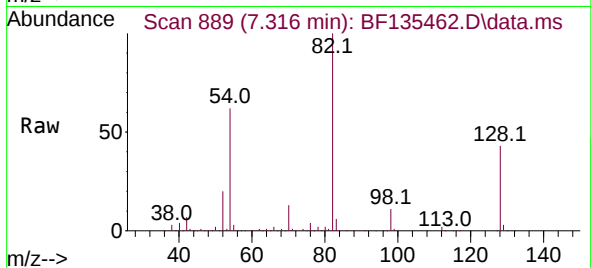




#25
Isophorone
Concen: 16.334 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135462.D
Acq: 26 Sep 2023 20:00

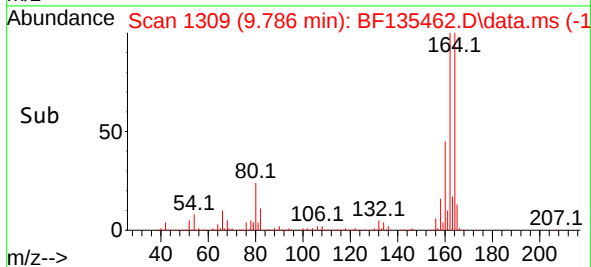
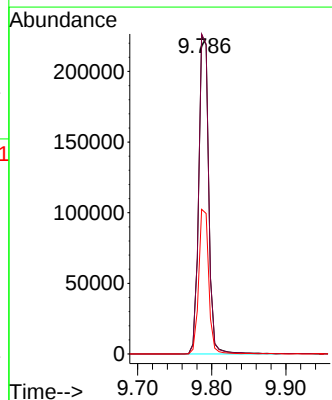
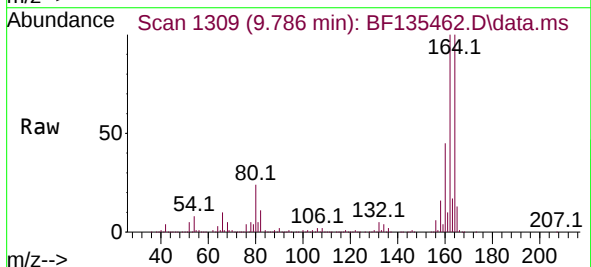
Instrument :
BNA_F
ClientSampleId :
B102-08-1

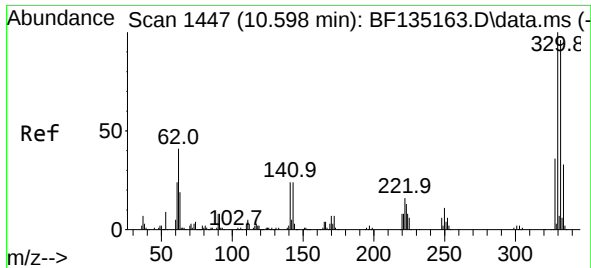
Tgt Ion: 82 Resp: 266275
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135462.D
Acq: 26 Sep 2023 20:00

Tgt Ion: 164 Resp: 209883
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.4 37.0 55.4

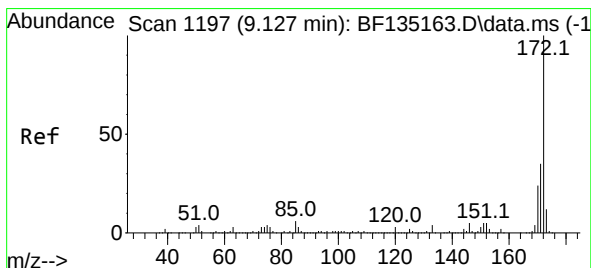
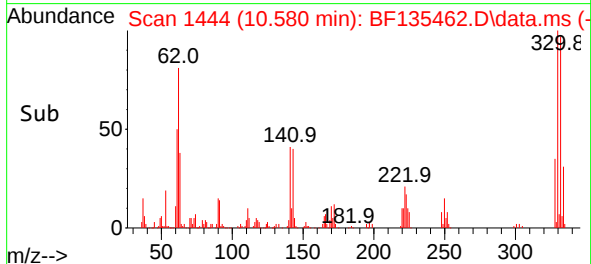
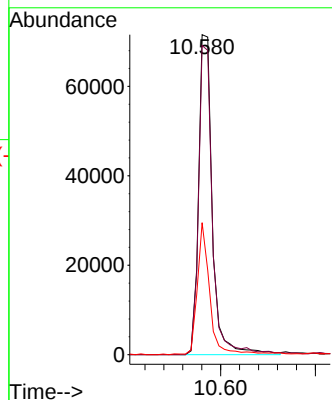
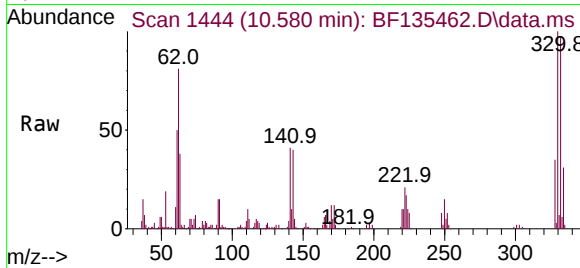




#42
2,4,6-Tribromophenol
Concen: 34.557 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135462.D
Acq: 26 Sep 2023 20:00

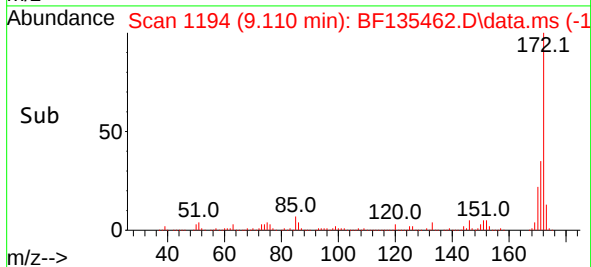
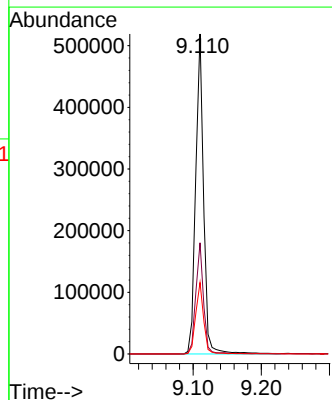
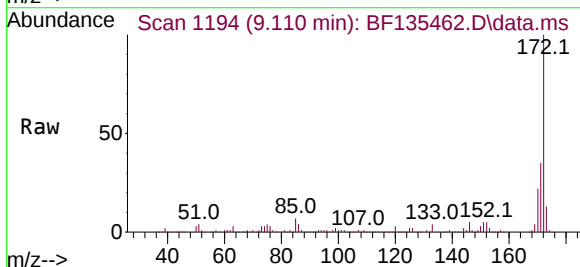
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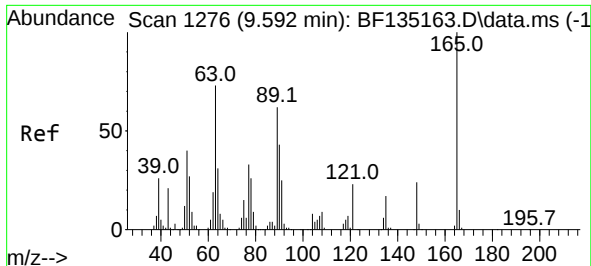
Tgt Ion:330 Resp: 72077
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 37.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 30.094 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135462.D
Acq: 26 Sep 2023 20:00

Tgt Ion:172 Resp: 418654
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 22.4 19.0 28.4

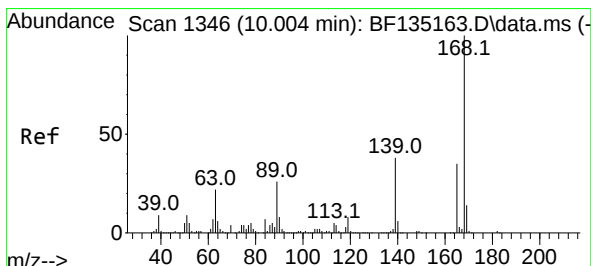
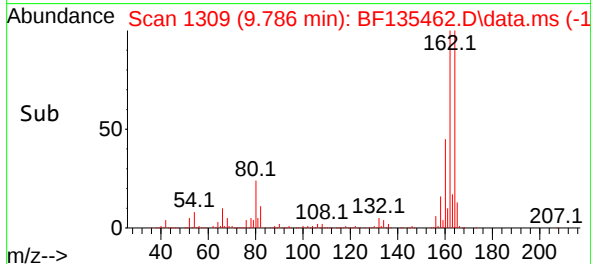
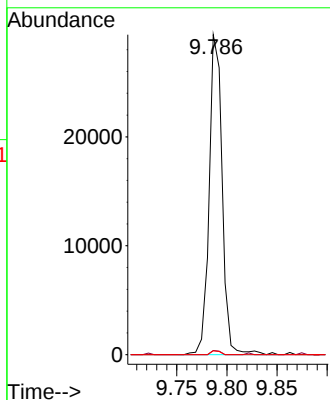
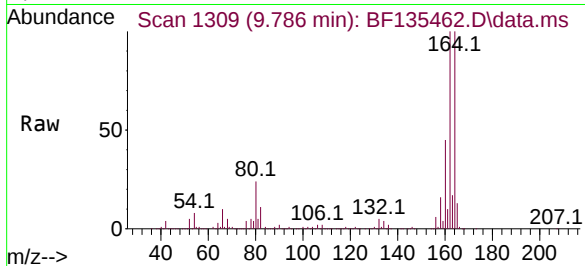




#51
2,6-Dinitrotoluene
Concen: 8.573 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135462.D
Acq: 26 Sep 2023 20:00

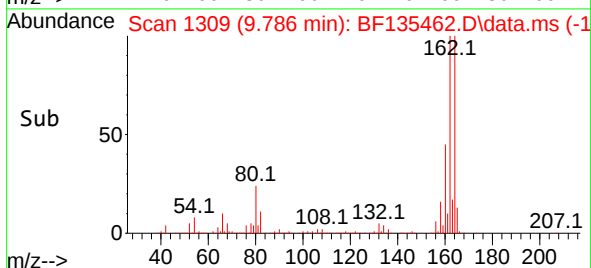
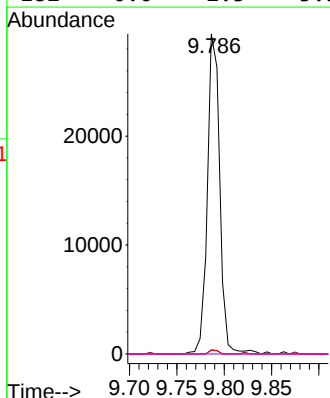
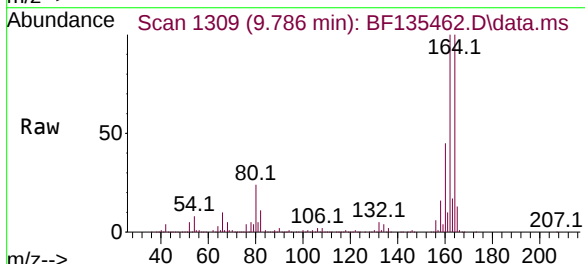
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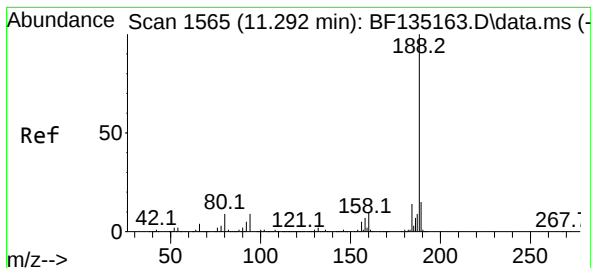
Tgt Ion:165 Resp: 26651
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.2 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.848 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.212 min
Lab File: BF135462.D
Acq: 26 Sep 2023 20:00

Tgt Ion:165 Resp: 26652
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.2 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135462.D

Acq: 26 Sep 2023 20:00

Instrument :

BNA_F

ClientSampleId :

B102-08-1

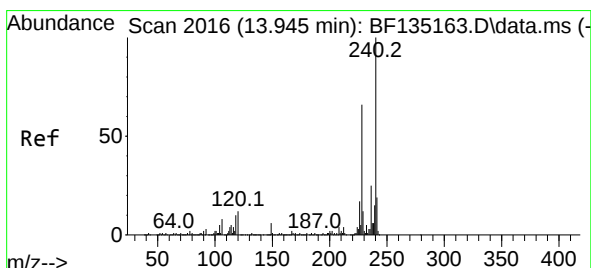
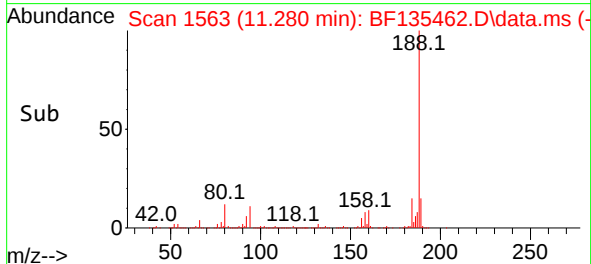
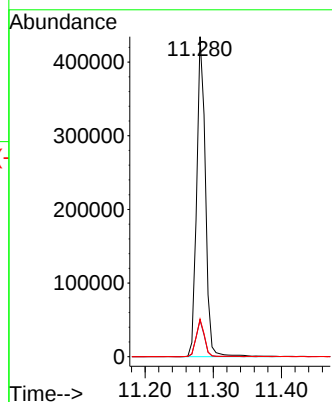
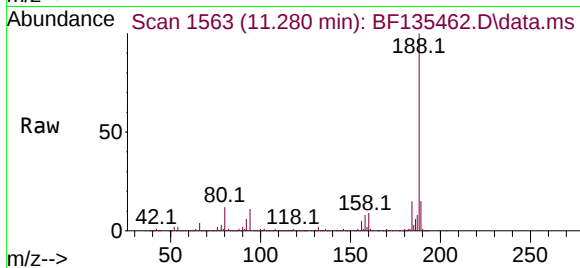
Tgt Ion:188 Resp: 385931

Ion Ratio Lower Upper

188 100

94 11.4 7.0 10.6#

80 11.8 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135462.D

Acq: 26 Sep 2023 20:00

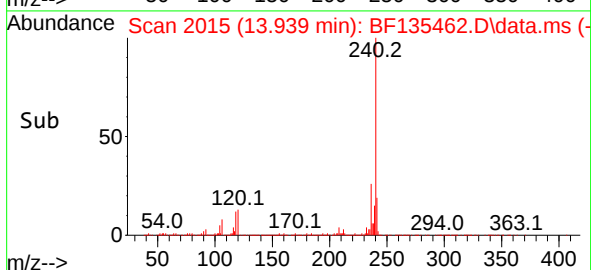
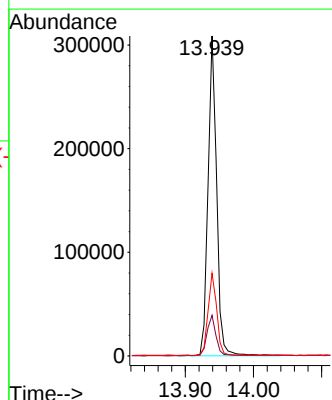
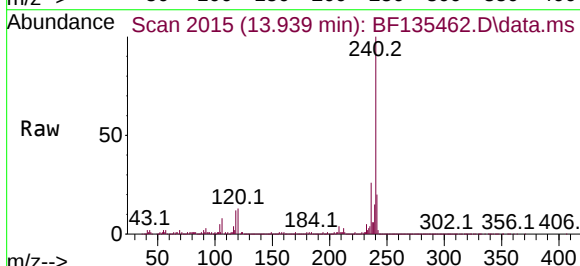
Tgt Ion:240 Resp: 271253

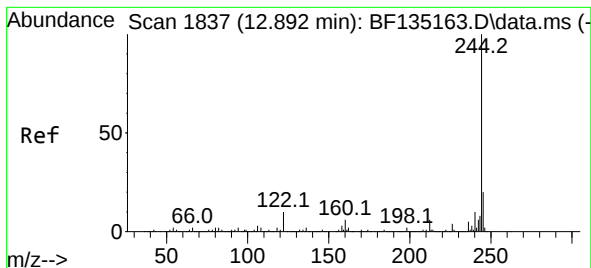
Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

236 25.9 19.8 29.8





#79

Terphenyl-d14

Concen: 22.490 ng

RT: 12.874 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135462.D

Acq: 26 Sep 2023 20:00

Instrument :

BNA_F

ClientSampleId :

B102-08-1

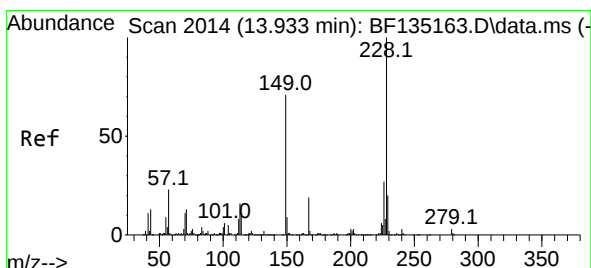
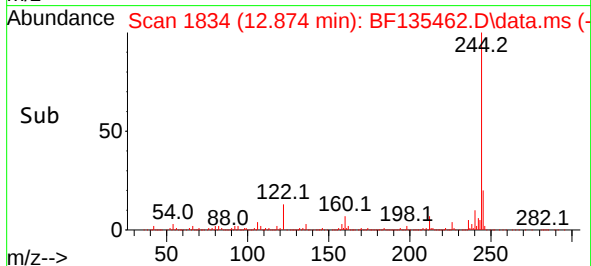
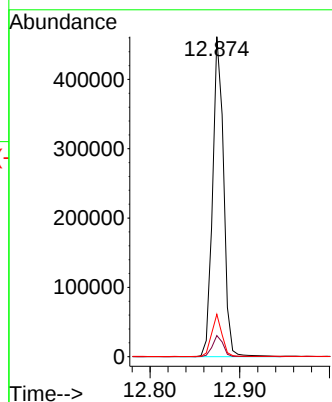
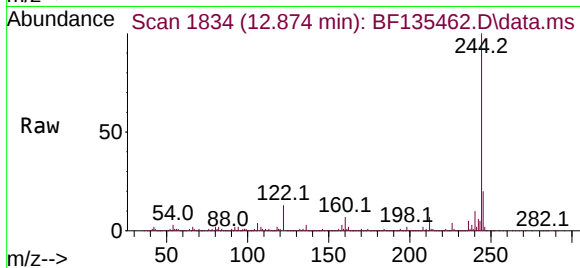
Tgt Ion:244 Resp: 393536

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 13.3 7.9 11.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.221 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF135462.D

Acq: 26 Sep 2023 20:00

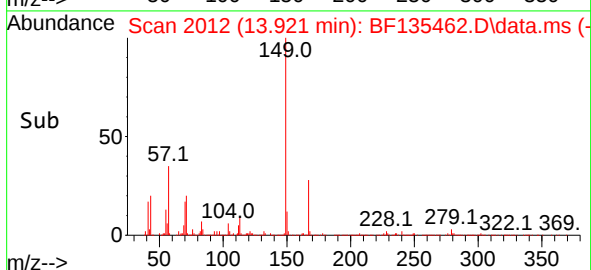
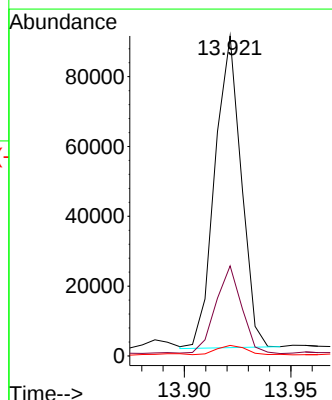
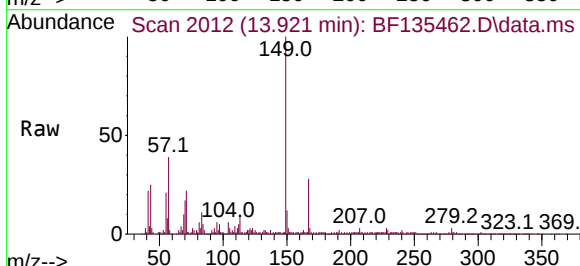
Tgt Ion:149 Resp: 76704

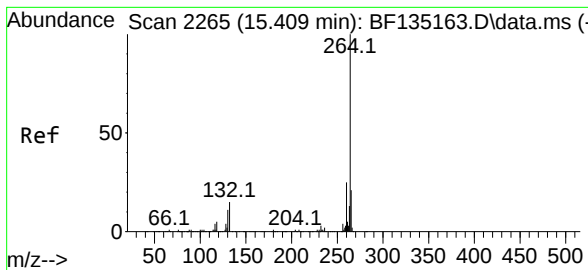
Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

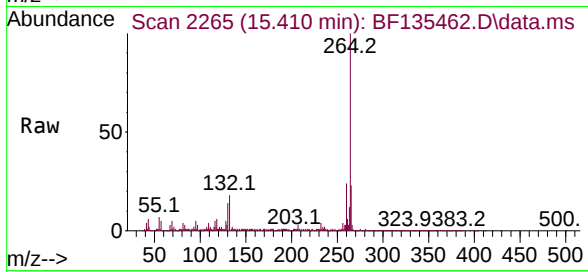
279 3.3 3.3 4.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135462.D
 Acq: 26 Sep 2023 20:00

Instrument :
 BNA_F
 ClientSampleId :
 B102-08-1



Tgt Ion:264 Resp: 215371

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	22.9	17.0	25.4

