

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129530.D
 Acq On : 03 Aug 2022 03:33
 Operator : CG\JU
 Sample : N3991-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-080122

Quant Time: Aug 03 04:06:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

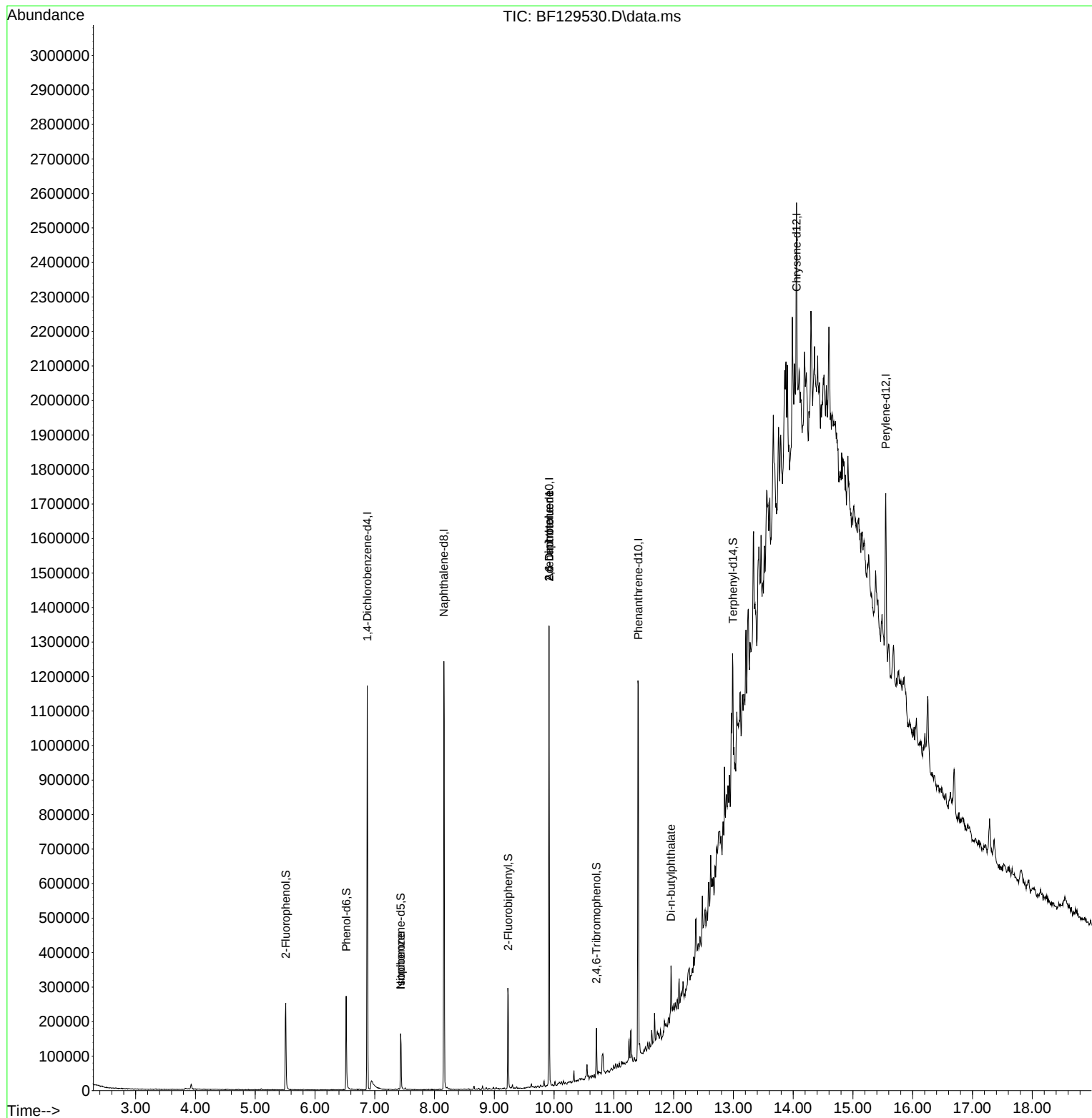
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	154931	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	536402	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	240014	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	407996	20.000	ng	0.00
76) Chrysene-d12	14.056	240	232581	20.000	ng	0.00
86) Perylene-d12	15.550	264	190022	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	71755	7.545	ng	0.00
7) Phenol-d6	6.522	99	87626	7.330	ng	0.00
23) Nitrobenzene-d5	7.433	82	48065	4.891	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	15784	6.840	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	89873	5.793	ng	0.00
79) Terphenyl-d14	12.992	244	81466	6.608	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.433	82	48065	2.729	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	31414	8.471	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	31414	6.484	ng	# 22
74) Di-n-butylphthalate	11.957	149	73052	2.977	ng	99

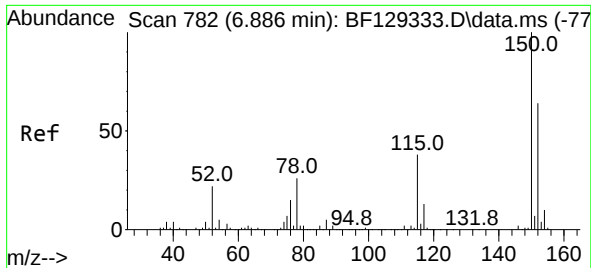
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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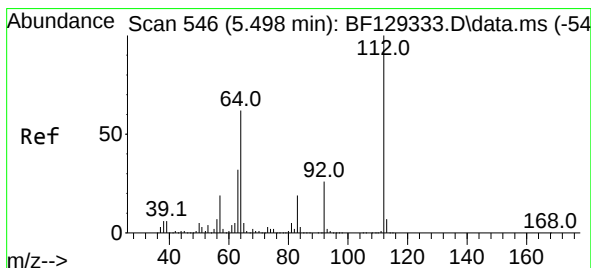
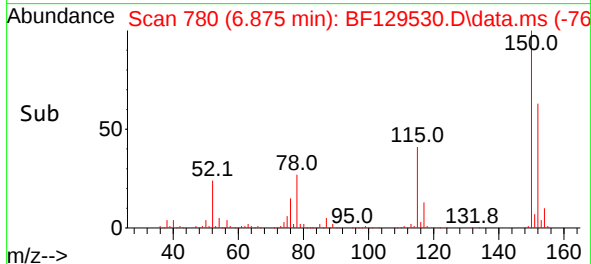
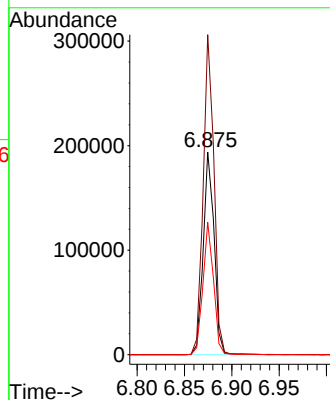
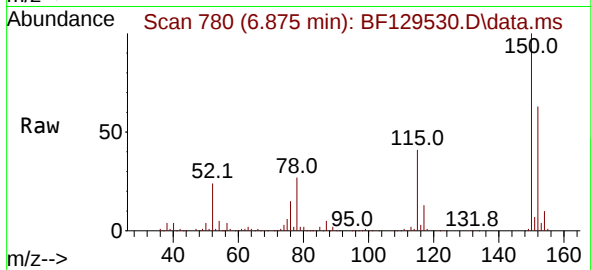




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129530.D
 Acq: 03 Aug 2022 03:33

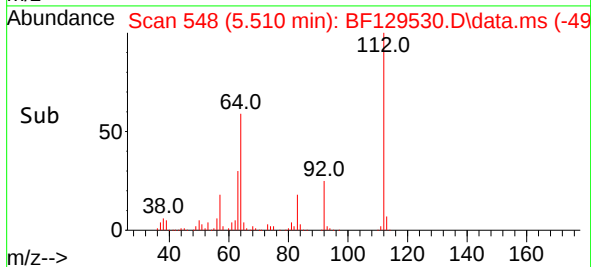
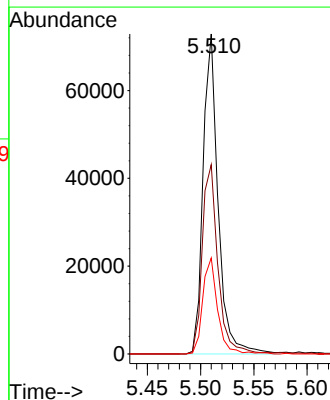
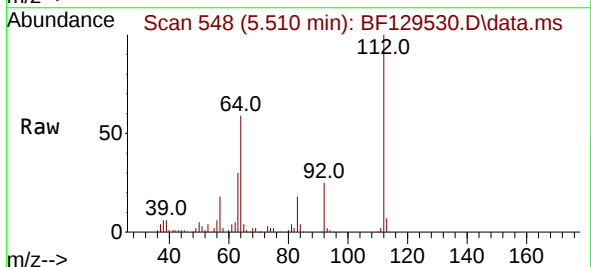
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-080122

Tgt Ion:152 Resp: 154931
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.7 185.5
 115 65.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 7.545 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129530.D
 Acq: 03 Aug 2022 03:33

Tgt Ion:112 Resp: 71755
 Ion Ratio Lower Upper
 112 100
 64 59.1 53.3 79.9
 63 30.0 28.0 42.0

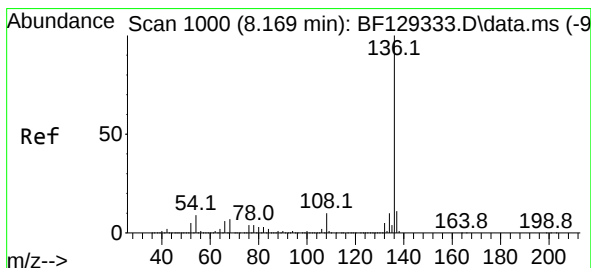
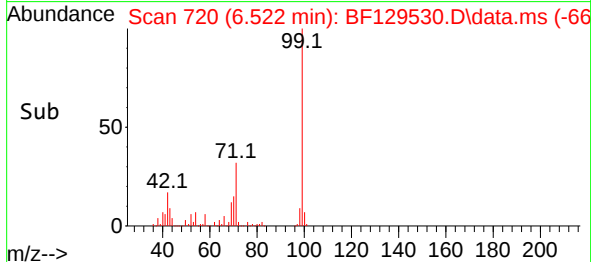
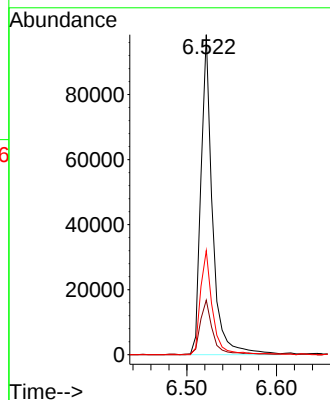
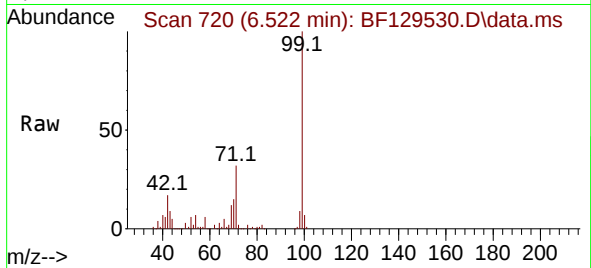




#7
Phenol-d6
Concen: 7.330 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129530.D
Acq: 03 Aug 2022 03:33

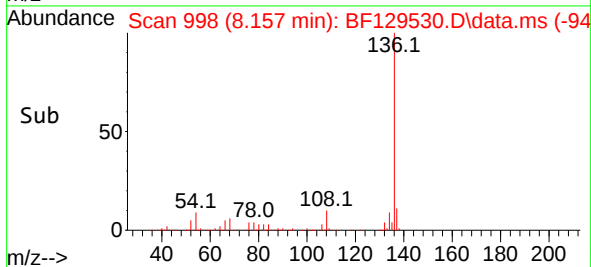
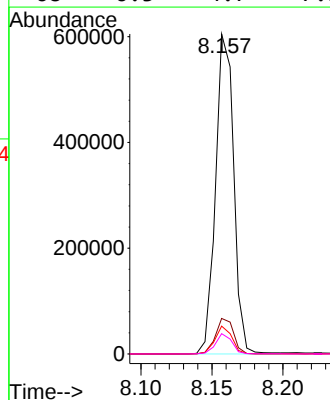
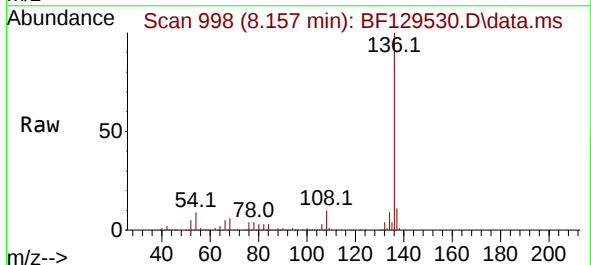
Instrument :
BNA_F
ClientSampleId :
CL-02-080122

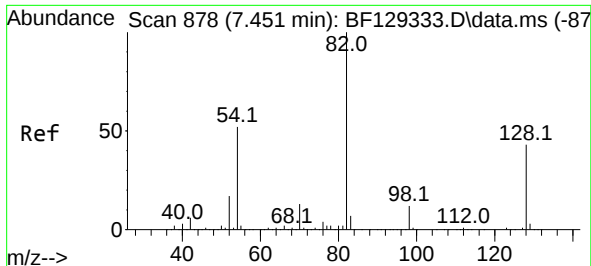
Tgt Ion: 99 Resp: 87626
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 32.5 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129530.D
Acq: 03 Aug 2022 03:33

Tgt Ion: 136 Resp: 536402
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 7.5 11.3
68 6.3 4.7 7.1

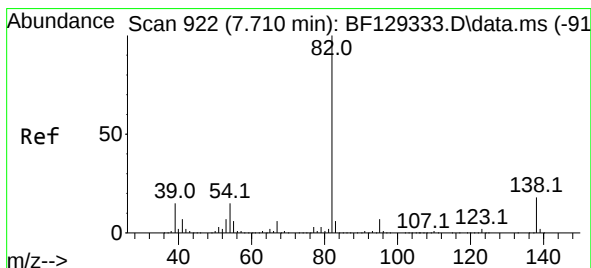
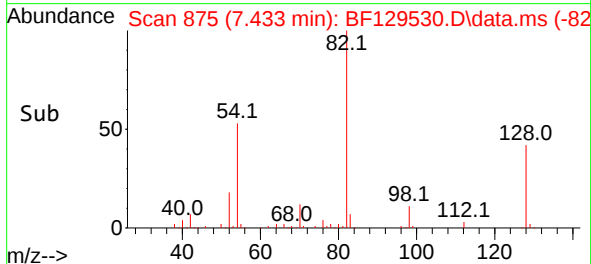
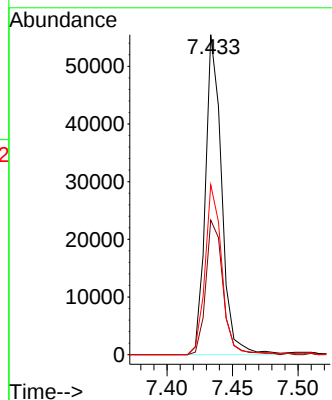
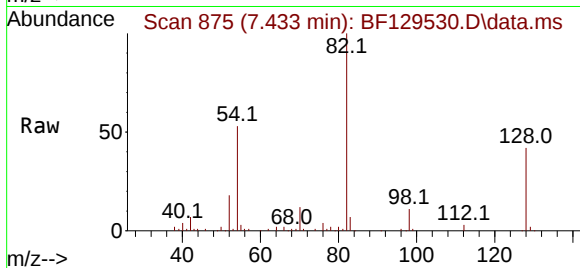




#23
Nitrobenzene-d5
Concen: 4.891 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129530.D
Acq: 03 Aug 2022 03:33

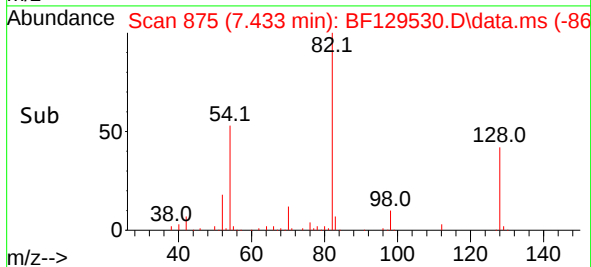
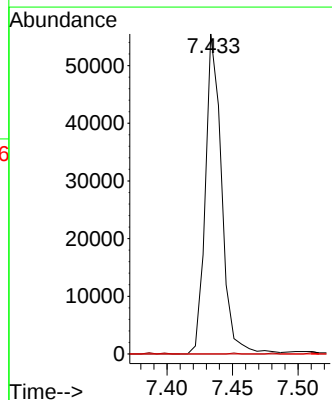
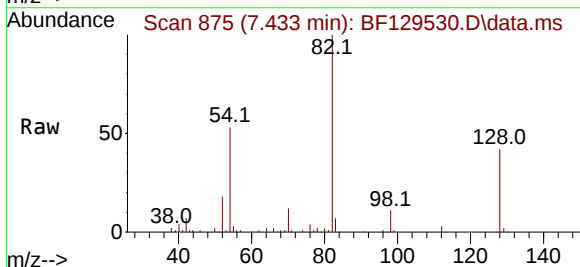
Instrument :
BNA_F
ClientSampleId :
CL-02-080122

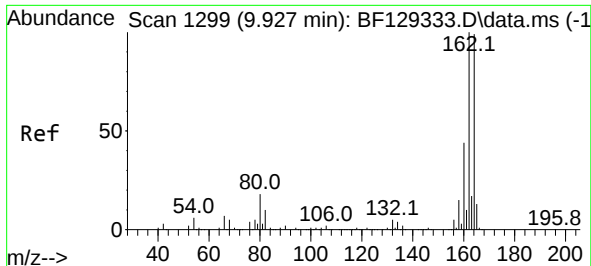
Tgt Ion: 82 Resp: 48065
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 53.1 46.9 70.3



#25
Isophorone
Concen: 2.729 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.265 min
Lab File: BF129530.D
Acq: 03 Aug 2022 03:33

Tgt Ion: 82 Resp: 48065
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

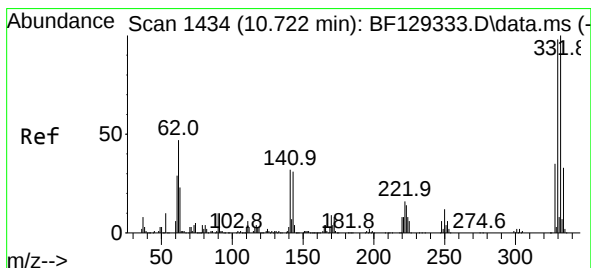
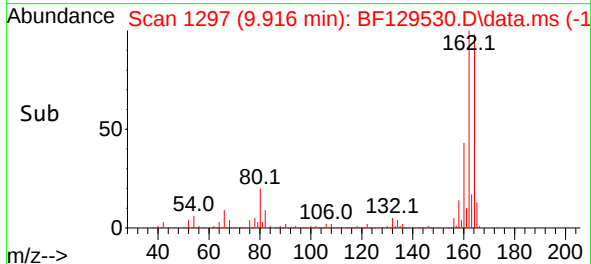
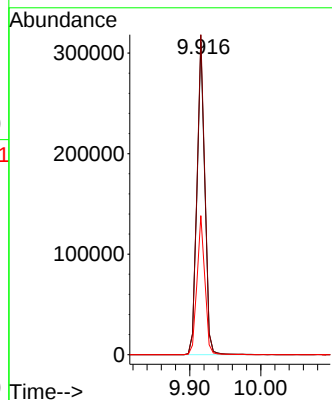
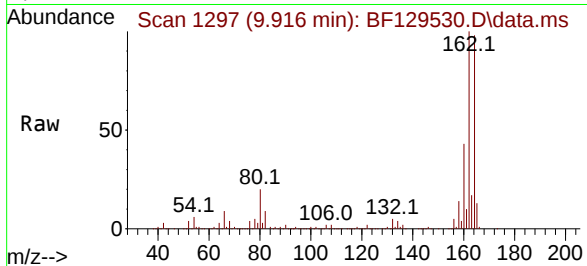




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129530.D
Acq: 03 Aug 2022 03:33

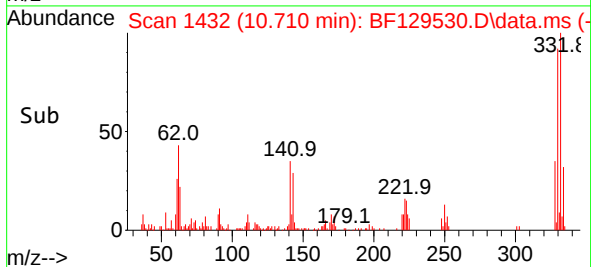
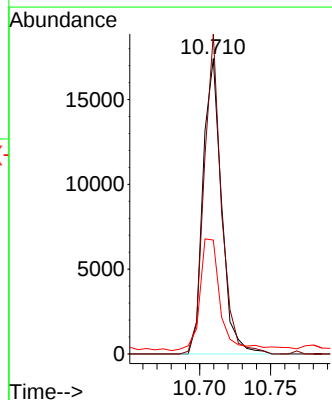
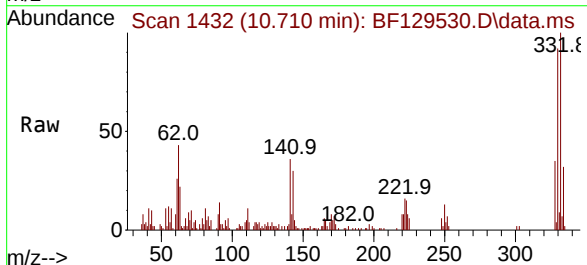
Instrument :
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ClientSampleId :
CL-02-080122

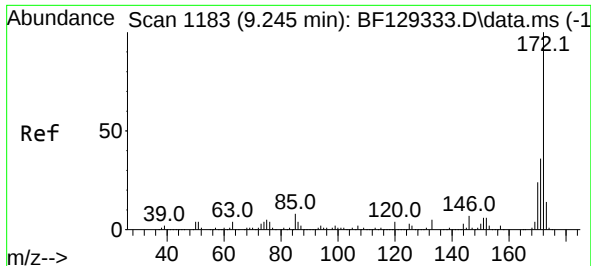
Tgt Ion:164 Resp: 240014
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 44.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 6.840 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF129530.D
Acq: 03 Aug 2022 03:33

Tgt Ion:330 Resp: 15784
Ion Ratio Lower Upper
330 100
332 100.9 76.8 115.2
141 42.8 28.0 42.0#





#45

2-Fluorobiphenyl

Concen: 5.793 ng

RT: 9.233 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129530.D

Acq: 03 Aug 2022 03:33

Instrument :

BNA_F

ClientSampleId :

CL-02-080122

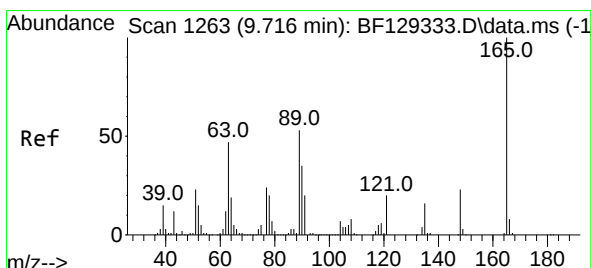
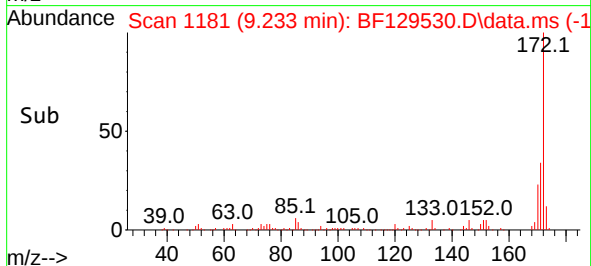
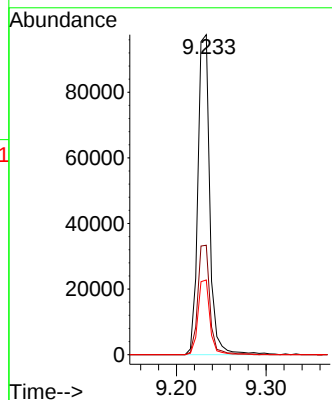
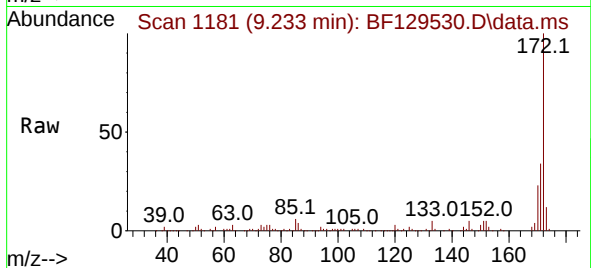
Tgt Ion:172 Resp: 89873

Ion Ratio Lower Upper

172 100

171 34.2 28.8 43.2

170 23.4 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 8.471 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.211 min

Lab File: BF129530.D

Acq: 03 Aug 2022 03:33

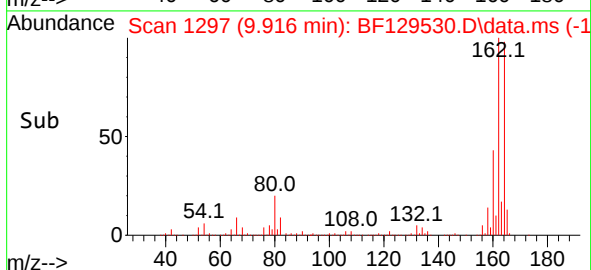
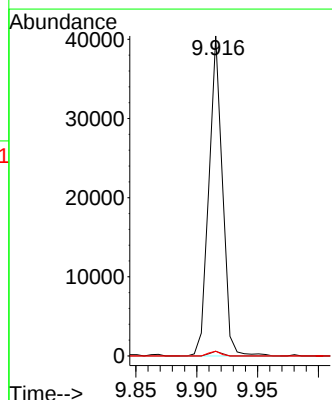
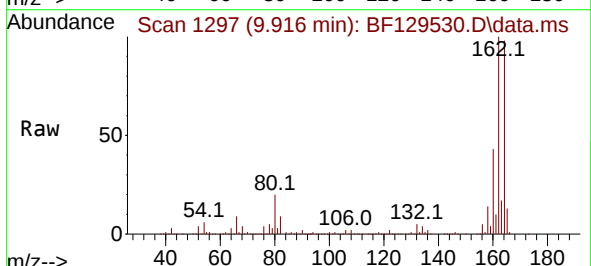
Tgt Ion:165 Resp: 31414

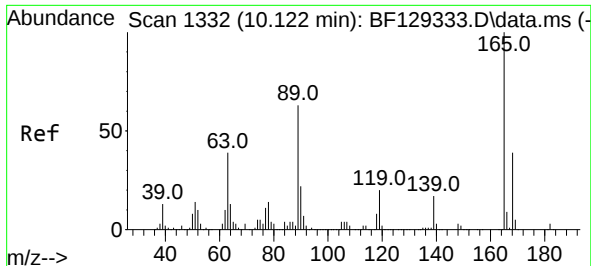
Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

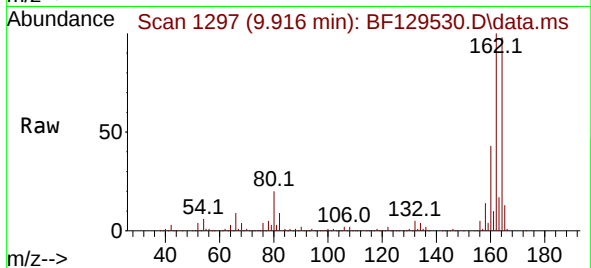
89 1.5 43.6 65.4#



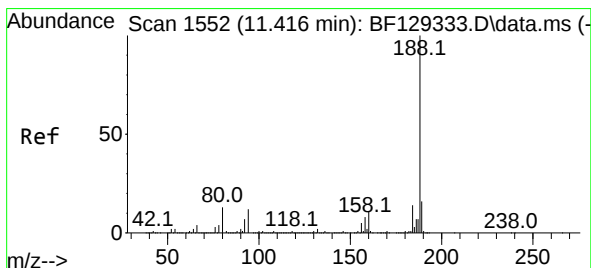
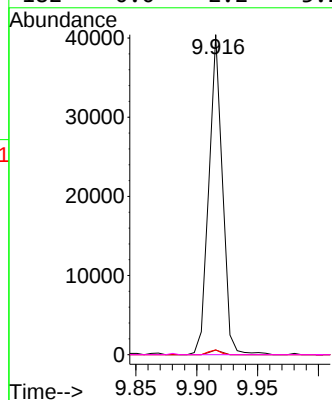
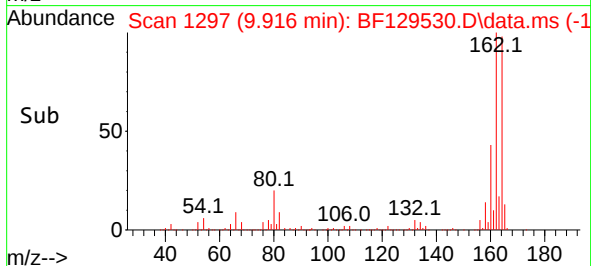


#57
2,4-Dinitrotoluene
Concen: 6.484 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF129530.D
Acq: 03 Aug 2022 03:33

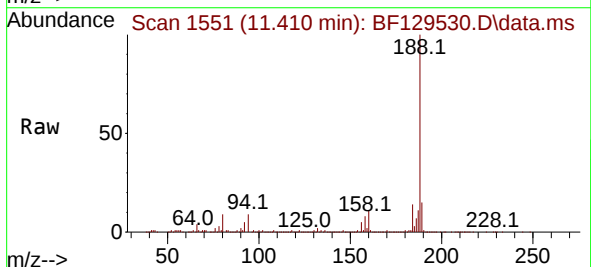
Instrument :
BNA_F
ClientSampleId :
CL-02-080122



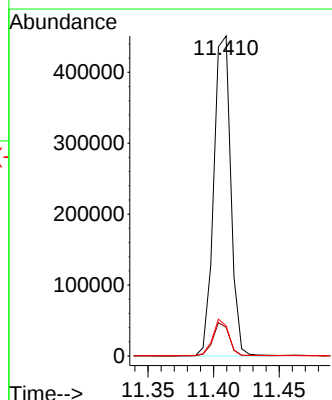
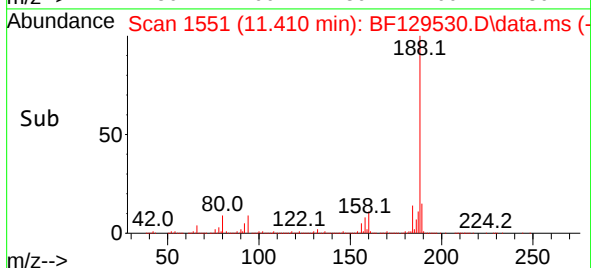
Tgt Ion:165 Resp: 31414
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

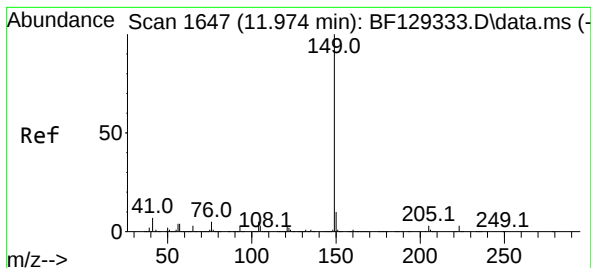


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF129530.D
Acq: 03 Aug 2022 03:33



Tgt Ion:188 Resp: 407996
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.4 7.6 11.4





#74

Di-n-butylphthalate

Concen: 2.977 ng

RT: 11.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129530.D

Acq: 03 Aug 2022 03:33

Instrument :

BNA_F

ClientSampleId :

CL-02-080122

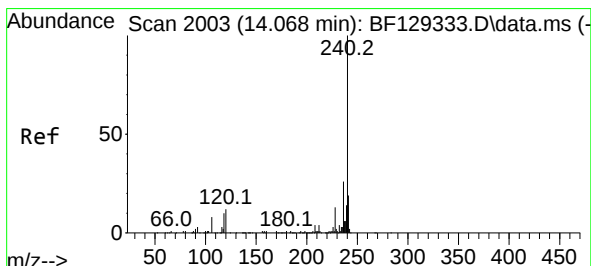
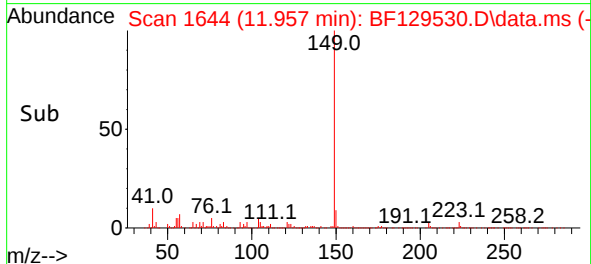
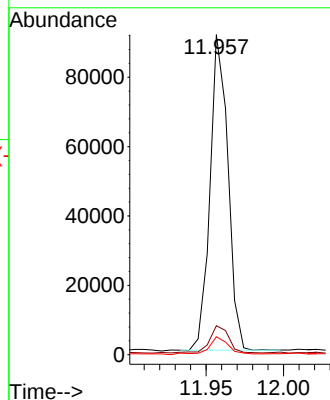
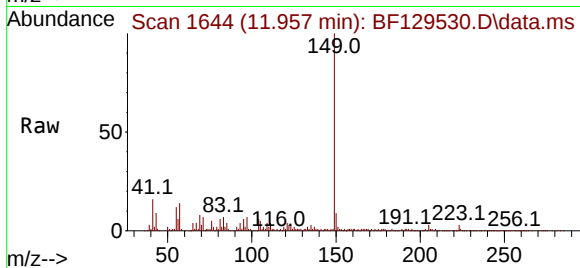
Tgt Ion:149 Resp: 73052

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 5.6 4.4 6.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.056 min Scan# 2001

Delta R.T. 0.006 min

Lab File: BF129530.D

Acq: 03 Aug 2022 03:33

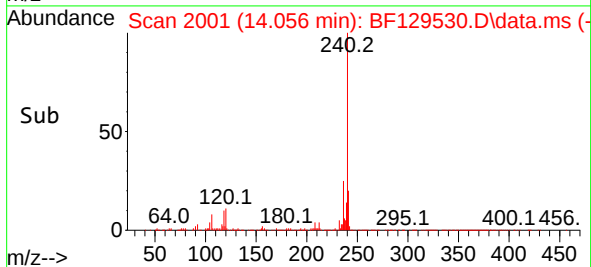
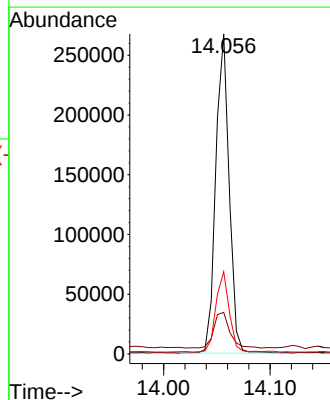
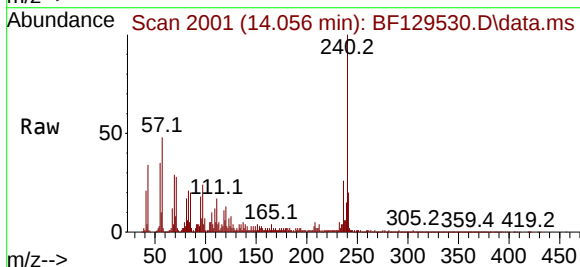
Tgt Ion:240 Resp: 232581

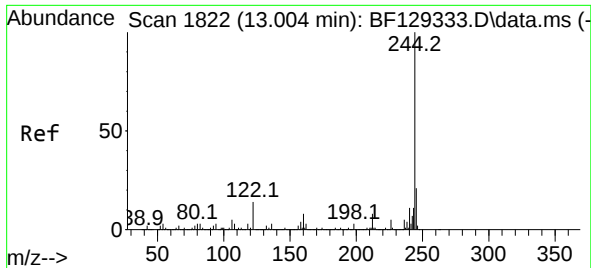
Ion Ratio Lower Upper

240 100

120 13.0 8.9 13.3

236 25.7 20.8 31.2

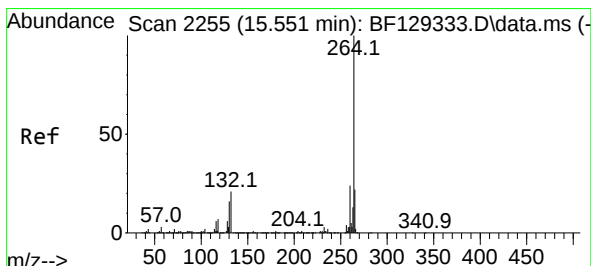
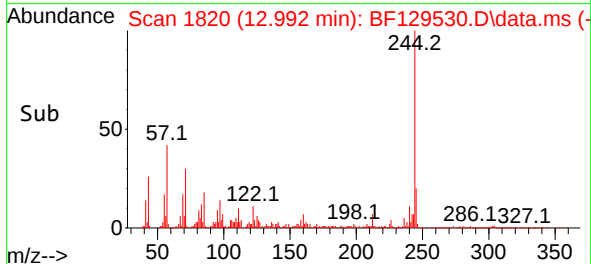
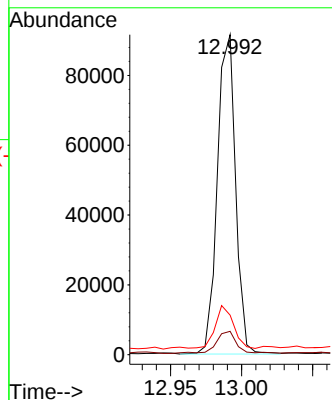
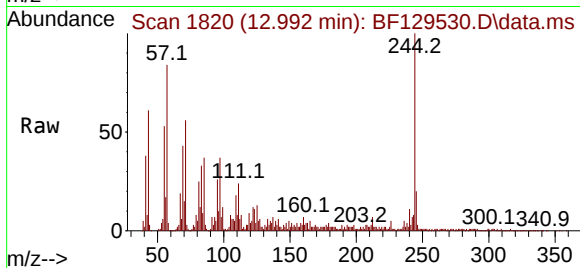




#79
 Terphenyl-d14
 Concen: 6.608 ng
 RT: 12.992 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: BF129530.D
 Acq: 03 Aug 2022 03:33

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-080122

Tgt Ion:244 Resp: 81466
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.550 min Scan# 2255
 Delta R.T. 0.023 min
 Lab File: BF129530.D
 Acq: 03 Aug 2022 03:33

Tgt Ion:264 Resp: 190022
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 21.5 17.2 25.8

