

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129483.D
 Acq On : 01 Aug 2022 20:28
 Operator : CG\JU
 Sample : N3976-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729

Quant Time: Aug 02 01:17:59 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)

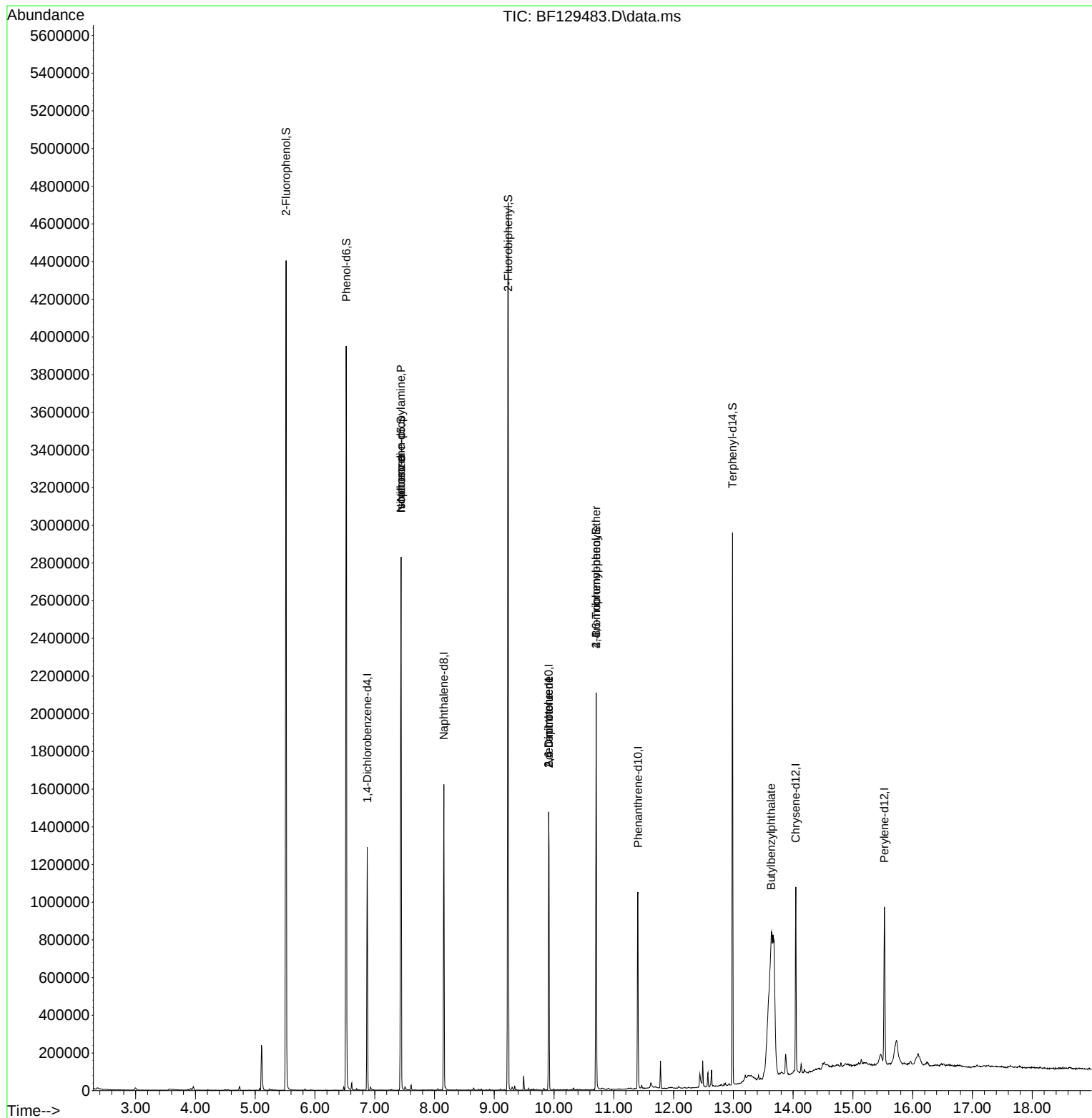
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	169536	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	656758	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	302220	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	392937	20.000	ng	0.00
76) Chrysene-d12	14.045	240	311461	20.000	ng	0.00
86) Perylene-d12	15.527	264	370798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1107120	106.378	ng	0.01
7) Phenol-d6	6.522	99	1412410	107.970	ng	0.00
23) Nitrobenzene-d5	7.440	82	873979	72.644	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	217015	74.688	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1448467	74.142	ng	0.00
79) Terphenyl-d14	12.986	244	913717	55.346	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	113893	14.382	ng	# 74
25) Isophorone	7.440	82	873961	40.526	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	39340	8.425	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	39340	6.449	ng	# 22
67) 4-Bromophenyl-phenylether	10.704	248	13347	3.102	ng	# 1
80) Butylbenzylphthalate	13.633	149	35510	3.143	ng	# 76

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

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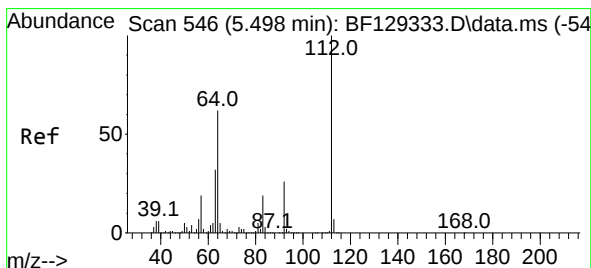
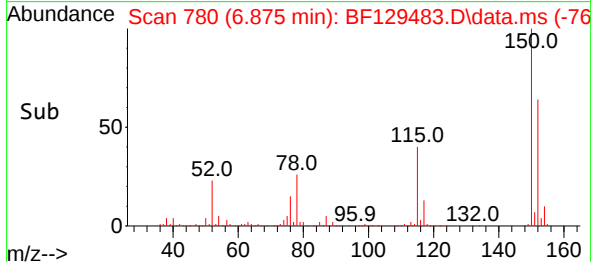
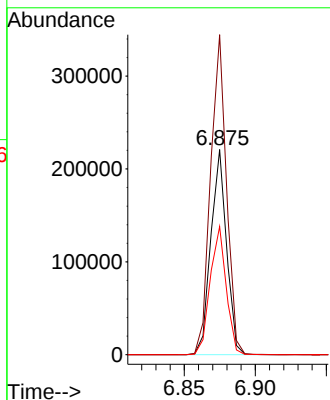
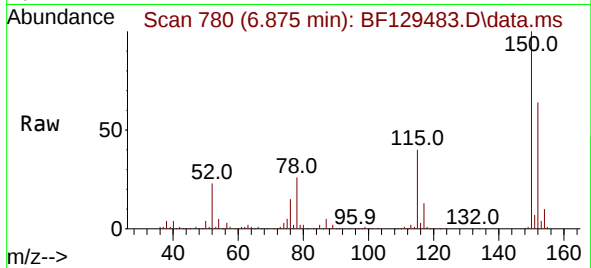




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129483.D
 Acq: 01 Aug 2022 20:28

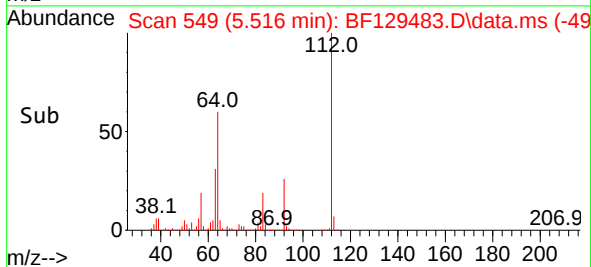
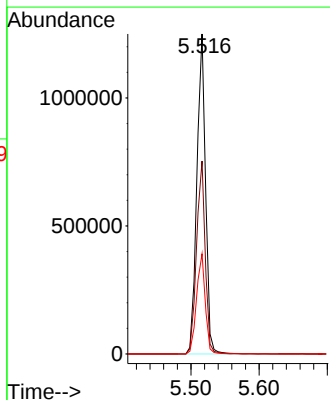
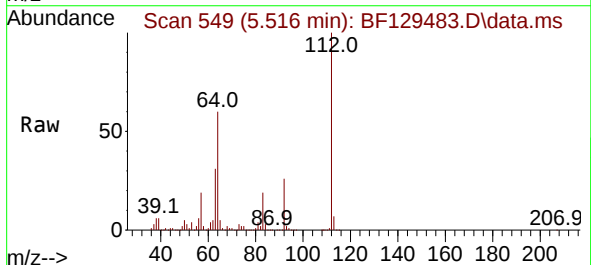
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729

Tgt Ion:152 Resp: 169536
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.7 185.5
 115 62.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 106.378 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: BF129483.D
 Acq: 01 Aug 2022 20:28

Tgt Ion:112 Resp: 1107120
 Ion Ratio Lower Upper
 112 100
 64 60.3 53.3 79.9
 63 31.3 28.0 42.0

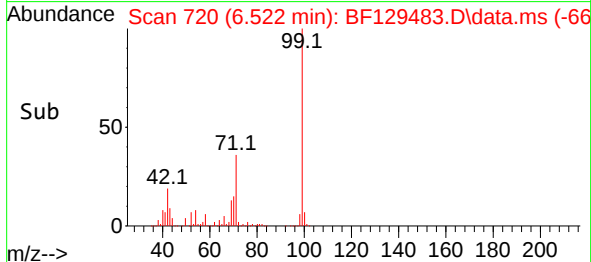
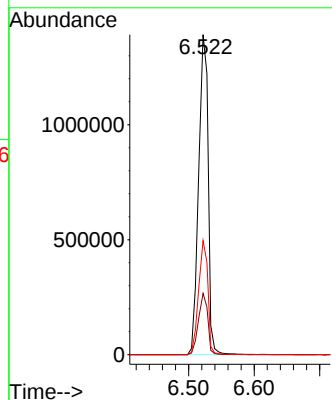
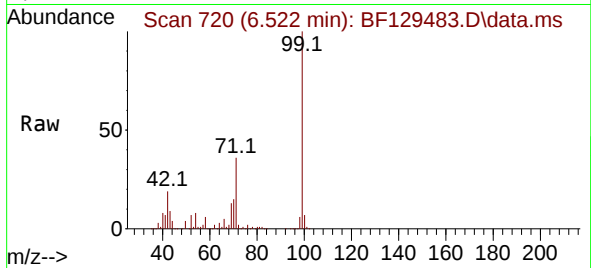




#7
Phenol-d6
Concen: 107.970 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

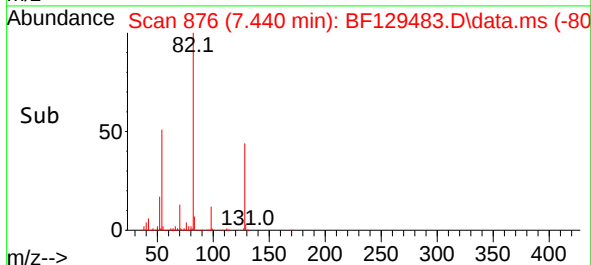
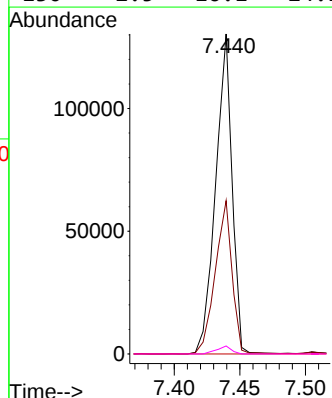
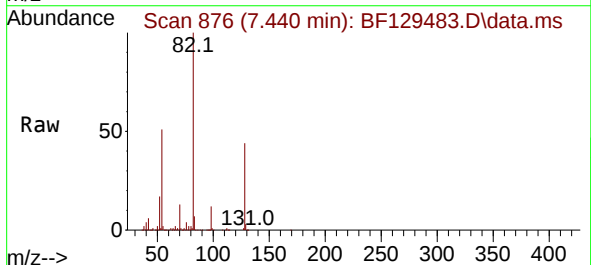
Instrument :
BNA_F
ClientSampleId :
TP1-0729

Tgt Ion: 99 Resp: 1412410
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 35.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.382 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

Tgt Ion: 70 Resp: 113893
Ion Ratio Lower Upper
70 100
42 47.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.5 16.1 24.1#

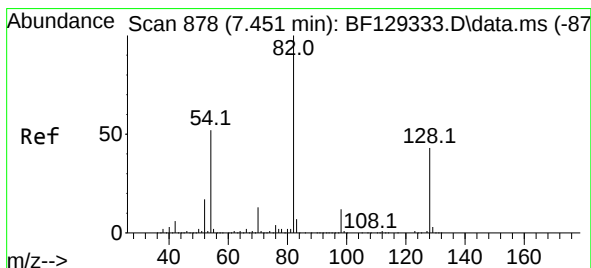
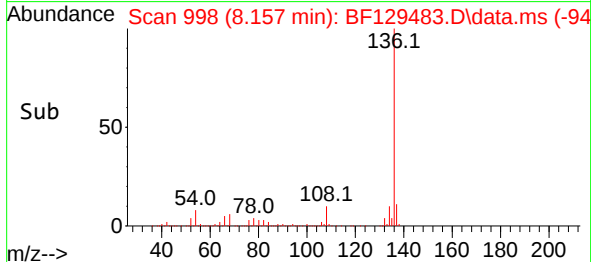
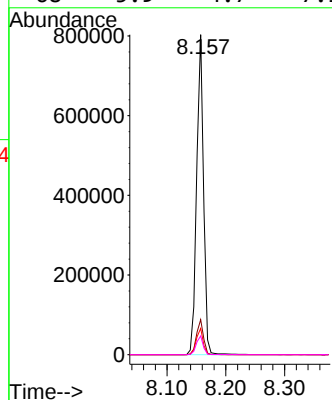
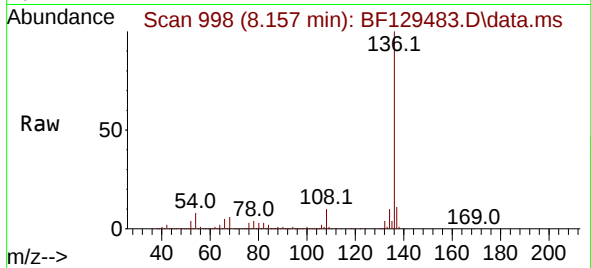




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

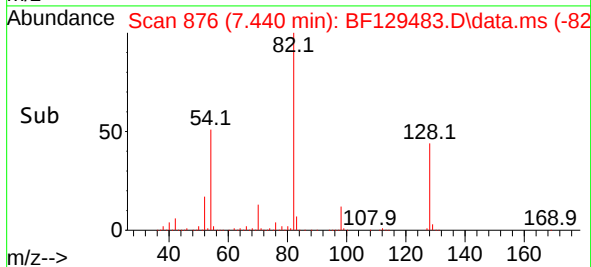
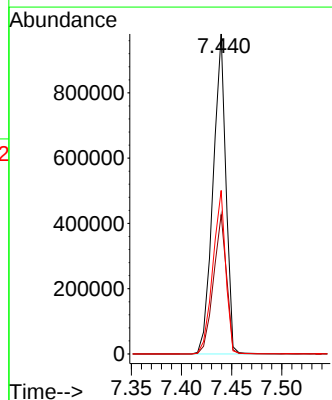
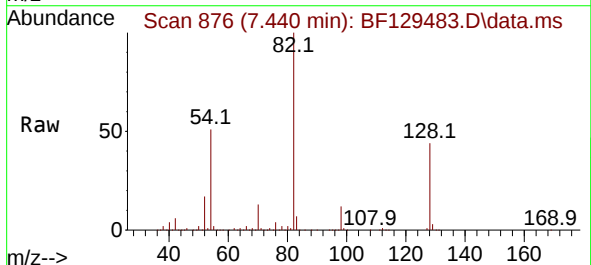
Instrument :
BNA_F
ClientSampleId :
TP1-0729

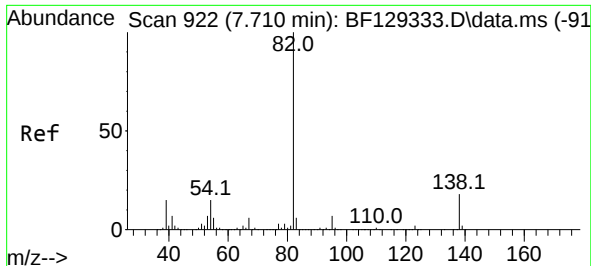
Tgt Ion:136 Resp: 656758
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 7.5 11.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 72.644 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

Tgt Ion: 82 Resp: 873979
Ion Ratio Lower Upper
82 100
128 43.6 34.0 51.0
54 51.1 46.9 70.3

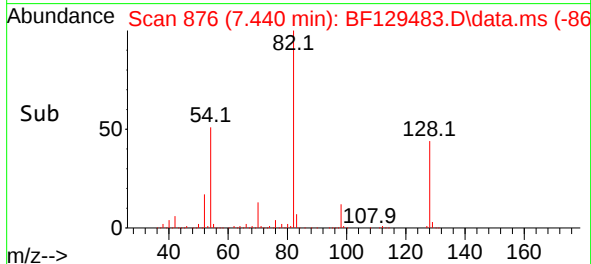
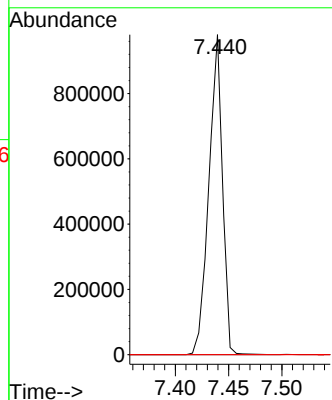
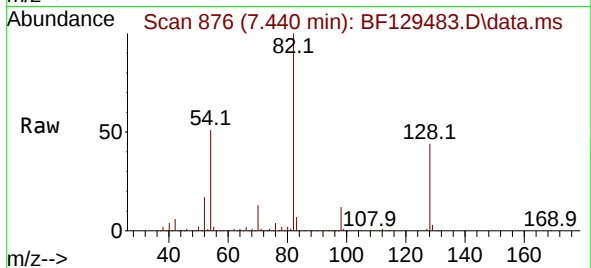




#25
Isophorone
Concen: 40.526 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

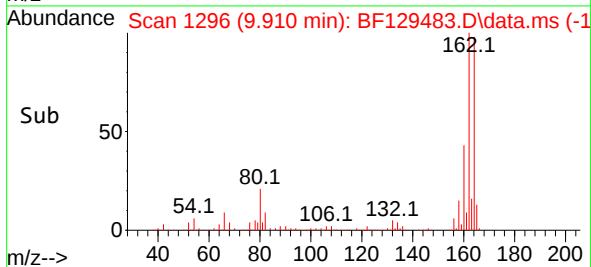
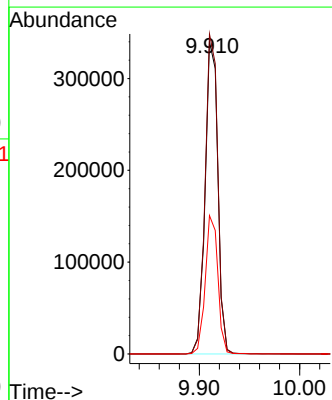
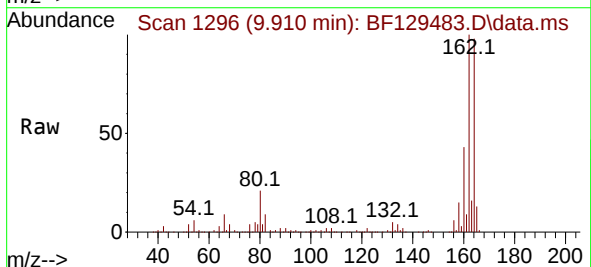
Instrument :
BNA_F
ClientSampleId :
TP1-0729

Tgt Ion: 82 Resp: 873961
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: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

Tgt Ion: 164 Resp: 302220
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 74.688 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF129483.D

Acq: 01 Aug 2022 20:28

Instrument :

BNA_F

ClientSampleId :

TP1-0729

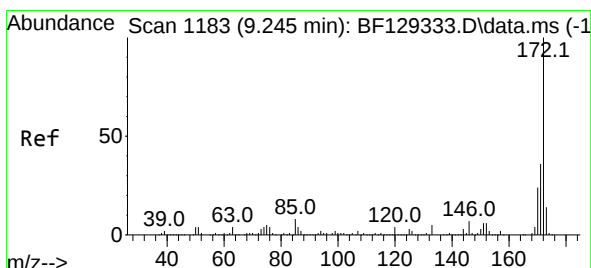
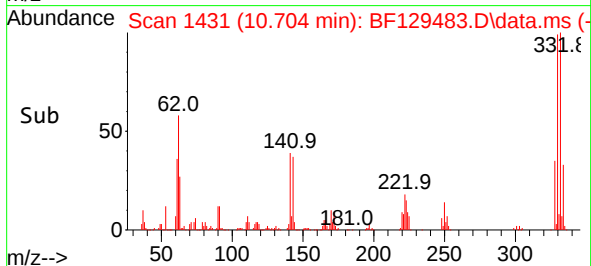
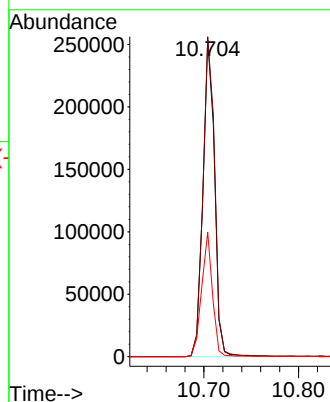
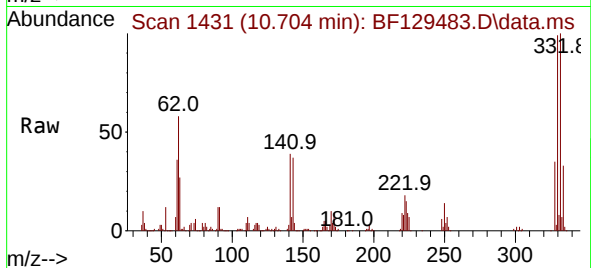
Tgt Ion:330 Resp: 217015

Ion Ratio Lower Upper

330 100

332 102.6 76.8 115.2

141 37.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 74.142 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129483.D

Acq: 01 Aug 2022 20:28

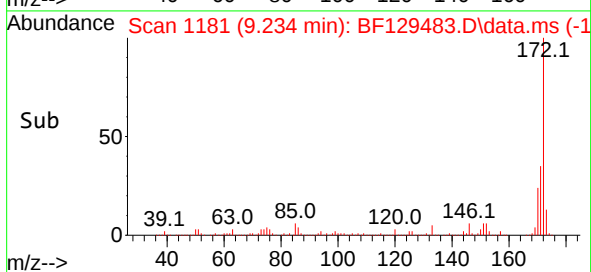
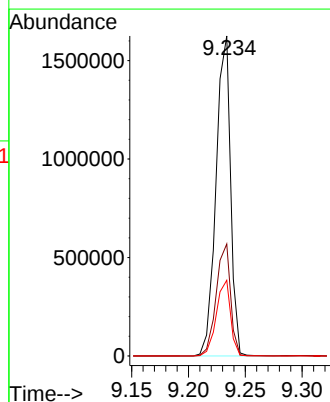
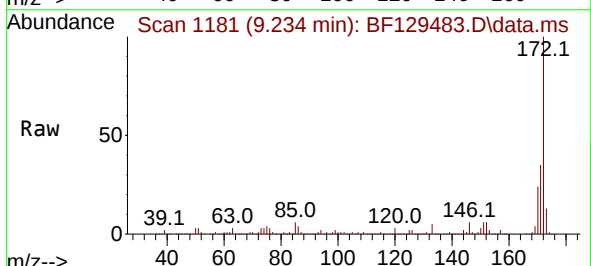
Tgt Ion:172 Resp: 1448467

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.7 19.8 29.8

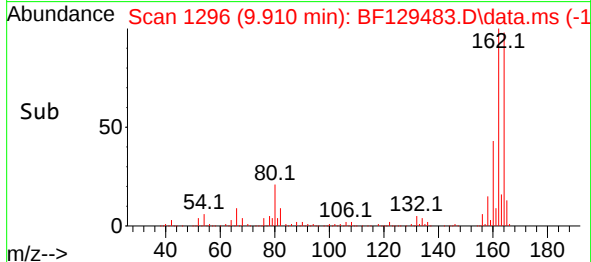
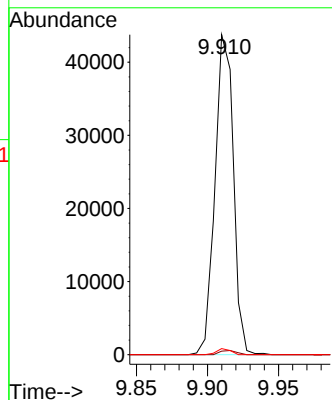
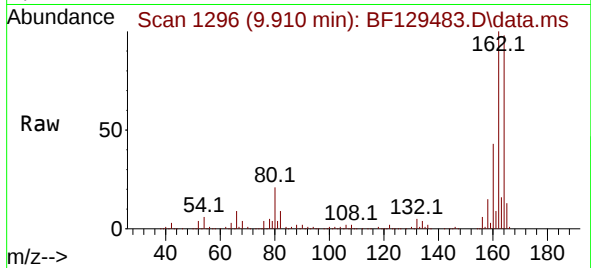




#51
2,6-Dinitrotoluene
Concen: 8.425 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

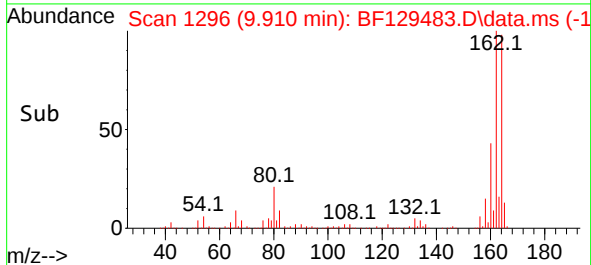
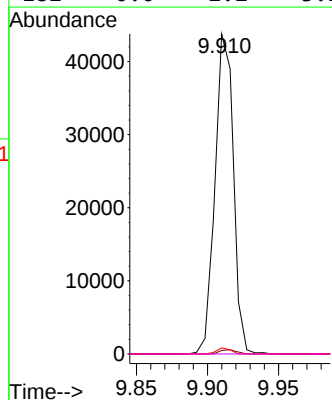
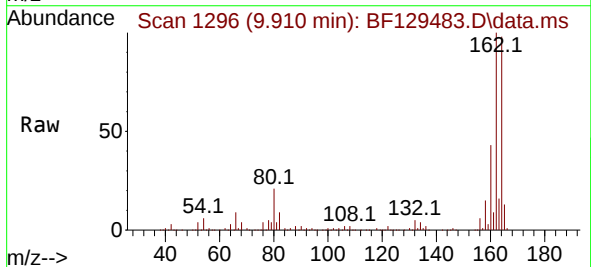
Instrument :
BNA_F
ClientSampleId :
TP1-0729

Tgt Ion:165 Resp: 39340
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.449 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

Tgt Ion:165 Resp: 39340
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.9 60.2 90.2#
182 0.0 2.2 3.2#

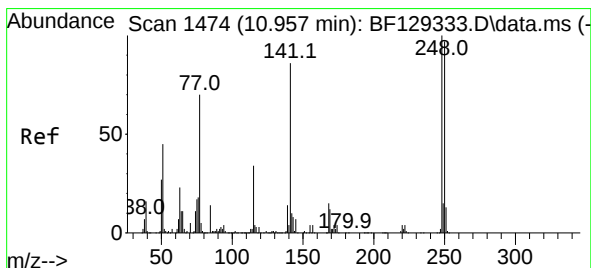
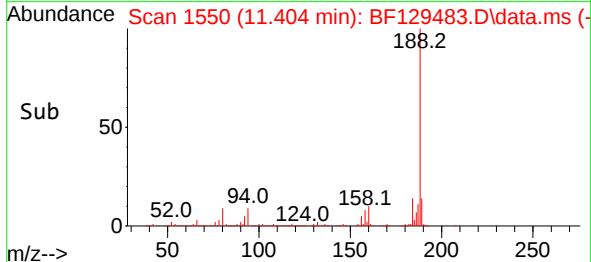
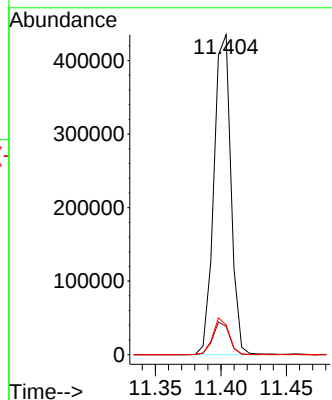
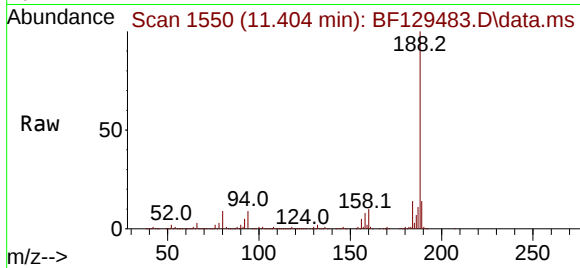




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

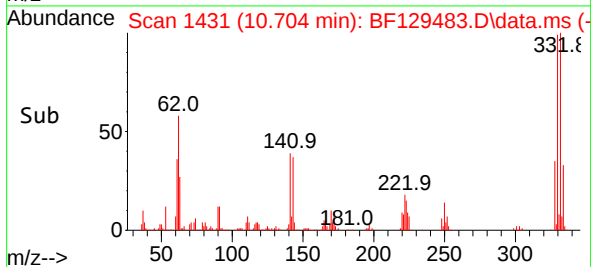
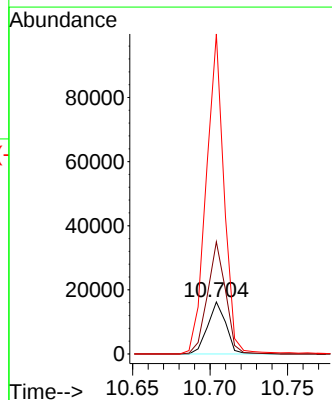
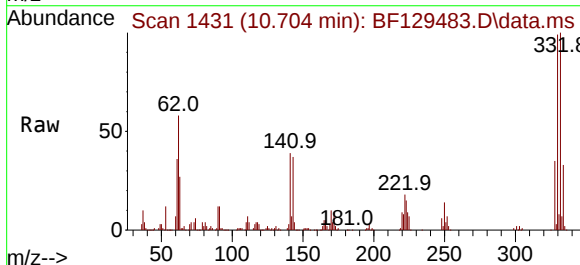
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BNA_F
ClientSampleId :
TP1-0729

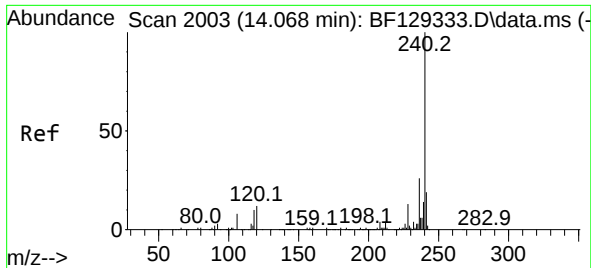
Tgt Ion:188 Resp: 392937
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.102 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

Tgt Ion:248 Resp: 13347
Ion Ratio Lower Upper
248 100
250 215.6 80.6 120.8#
141 615.3 58.9 88.3#

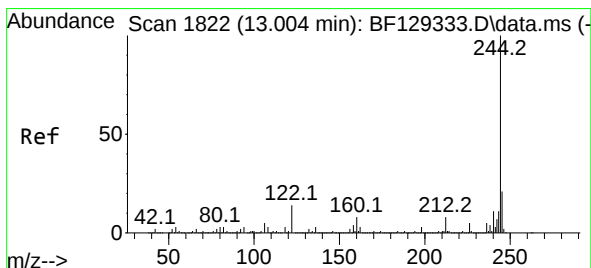
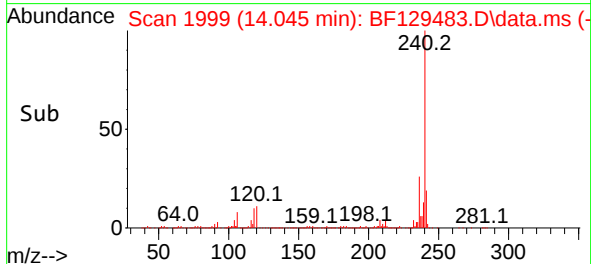
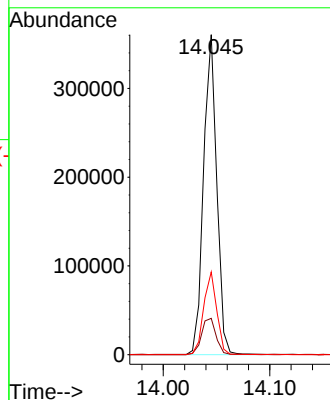
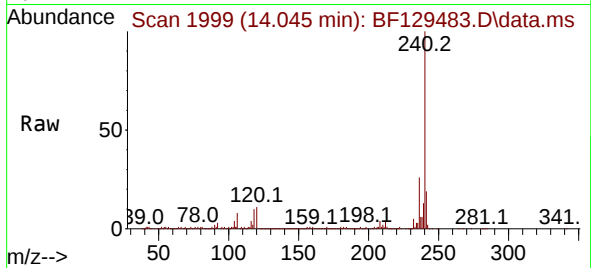




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

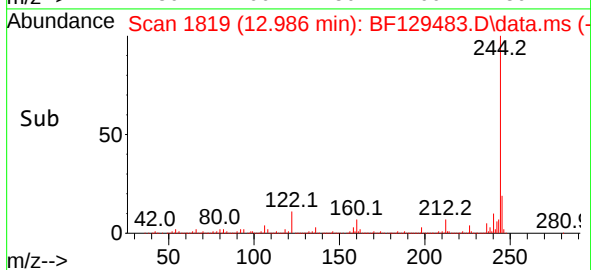
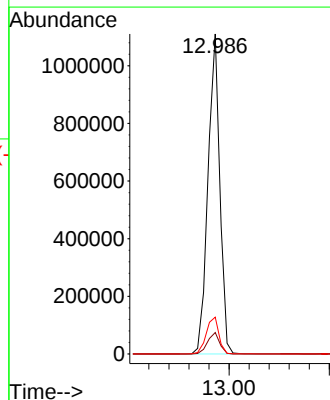
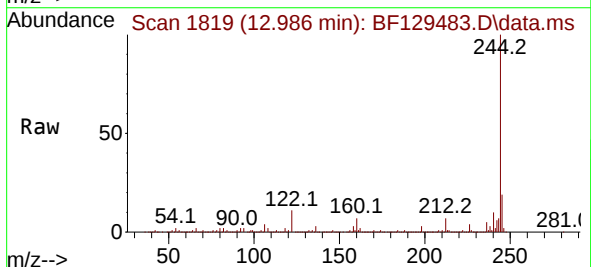
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BNA_F
ClientSampleId :
TP1-0729

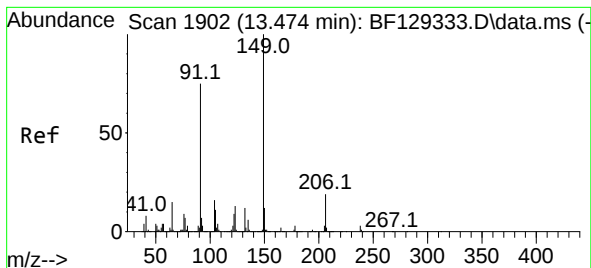
Tgt Ion:240 Resp: 311461
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 55.346 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF129483.D
Acq: 01 Aug 2022 20:28

Tgt Ion:244 Resp: 913717
Ion Ratio Lower Upper
244 100
212 6.7 6.1 9.1
122 11.5 8.8 13.2





#80

Butylbenzylphthalate

Concen: 3.143 ng

RT: 13.633 min Scan# 1902

Delta R.T. 0.176 min

Lab File: BF129483.D

Acq: 01 Aug 2022 20:28

Instrument :

BNA_F

ClientSampleId :

TP1-0729

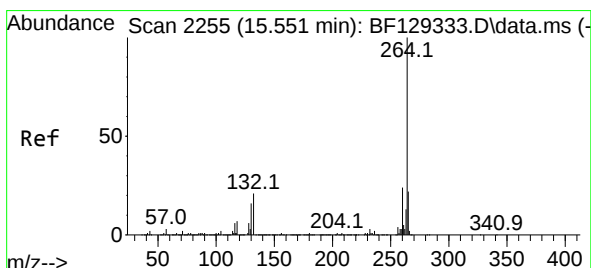
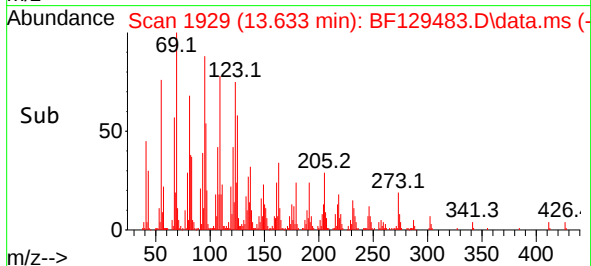
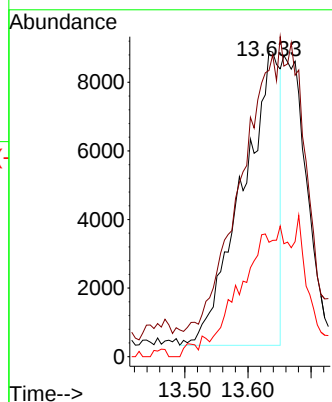
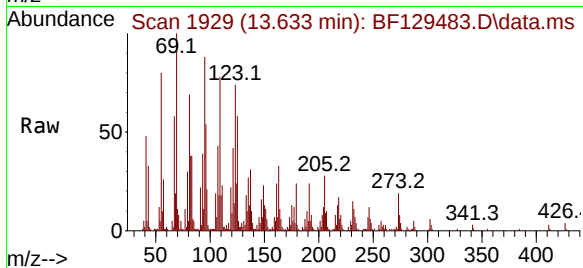
Tgt Ion:149 Resp: 35510

Ion Ratio Lower Upper

149 100

91 93.6 61.2 91.8#

206 37.4 15.7 23.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF129483.D

Acq: 01 Aug 2022 20:28

Tgt Ion:264 Resp: 370798

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.4 17.2 25.8

