

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129479.D
 Acq On : 01 Aug 2022 18:19
 Operator : CG\JU
 Sample : N3985-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CP-01

Quant Time: Aug 02 01:17:12 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)

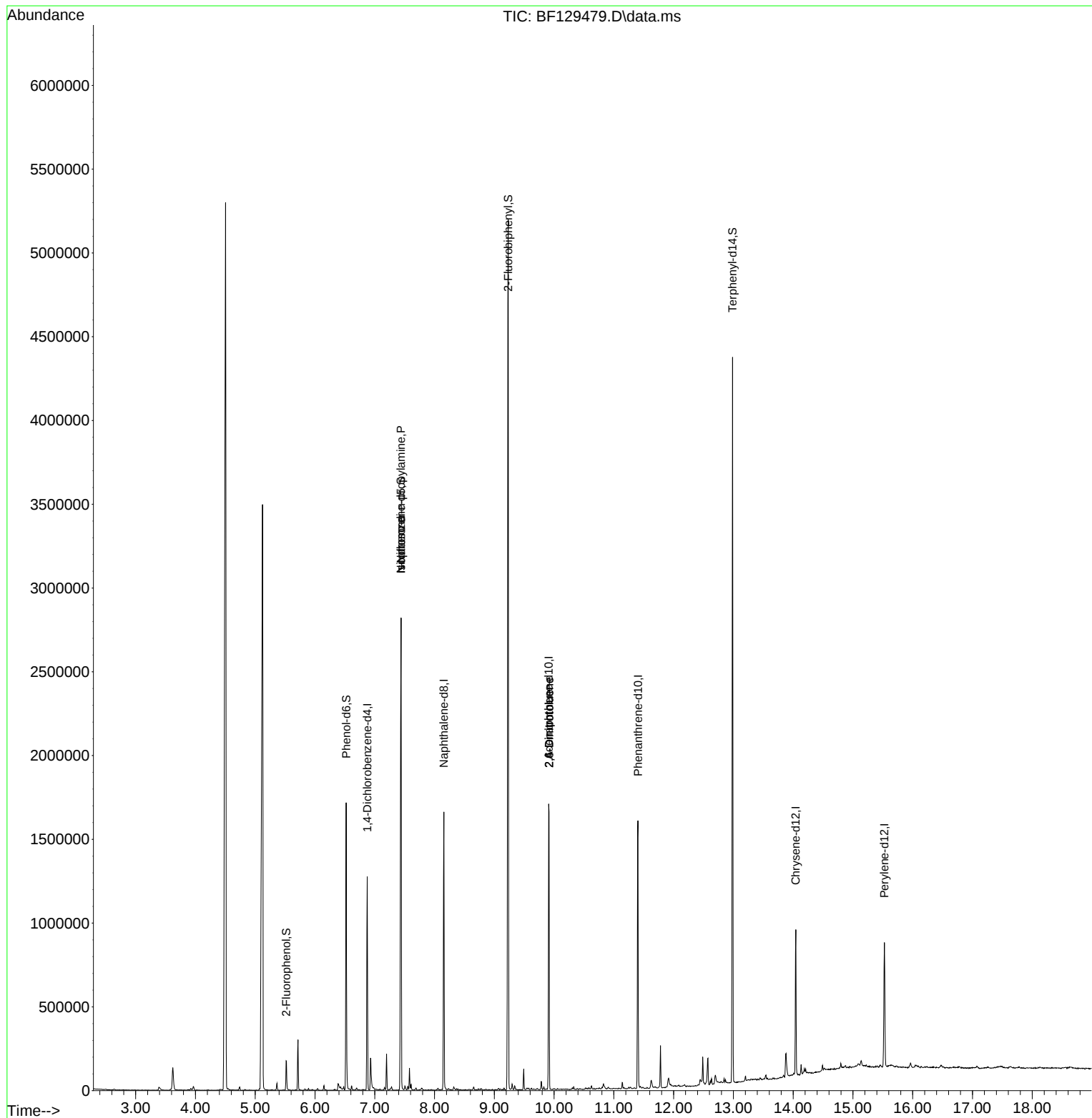
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	173423	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	689913	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	368962	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	581248	20.000	ng	0.00
76) Chrysene-d12	14.045	240	283931	20.000	ng	0.00
86) Perylene-d12	15.527	264	329661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	50323	4.727	ng	0.02
7) Phenol-d6	6.522	99	516107	38.569	ng	0.00
23) Nitrobenzene-d5	7.440	82	894876	70.806	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	269	0.076	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1625495	68.152	ng	0.00
79) Terphenyl-d14	12.986	244	1322237	87.856	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	119507	14.752	ng	Qvalue
25) Isophorone	7.440	82	894827	39.499	ng	# 72
51) 2,6-Dinitrotoluene	9.916	165	47579	8.346	ng	# 65
57) 2,4-Dinitrotoluene	9.916	165	47579	6.389	ng	# 25

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

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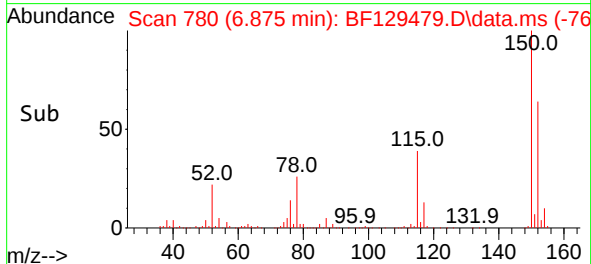
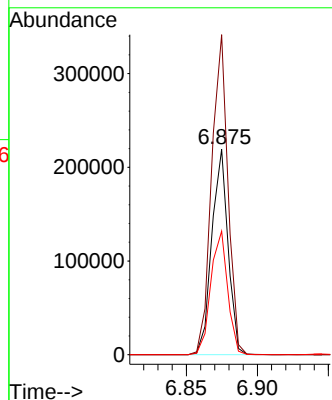
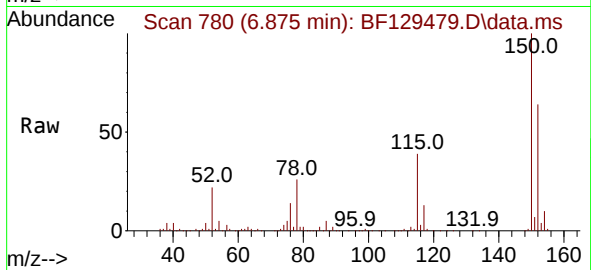




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129479.D
Acq: 01 Aug 2022 18:19

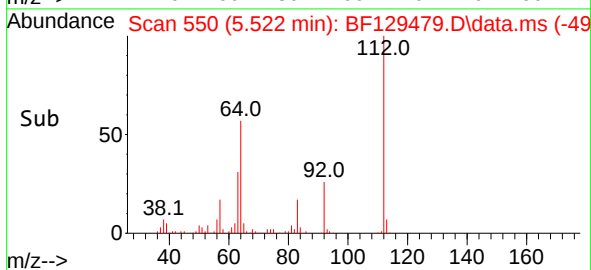
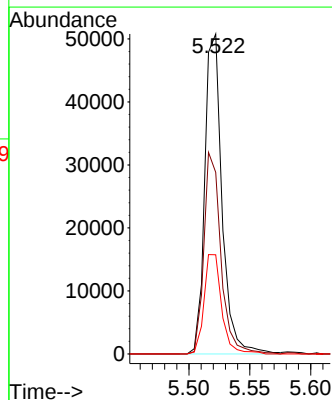
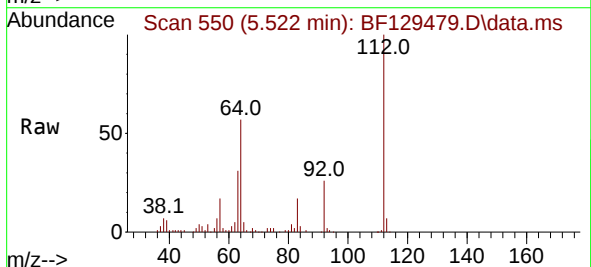
Instrument :
BNA_F
ClientSampleId :
CP-01

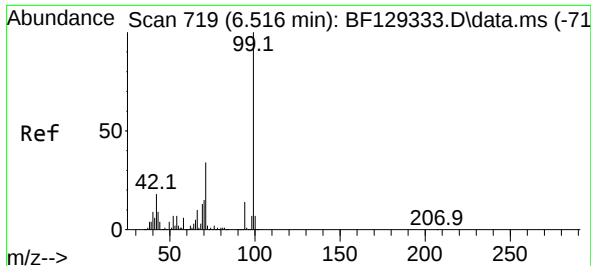
Tgt Ion:152 Resp: 173423
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 60.1 49.9 74.9



#5
2-Fluorophenol
Concen: 4.727 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.018 min
Lab File: BF129479.D
Acq: 01 Aug 2022 18:19

Tgt Ion:112 Resp: 50323
Ion Ratio Lower Upper
112 100
64 56.7 53.3 79.9
63 31.0 28.0 42.0

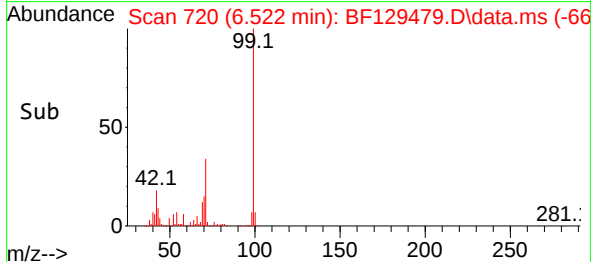
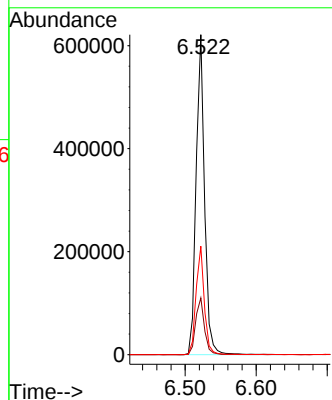
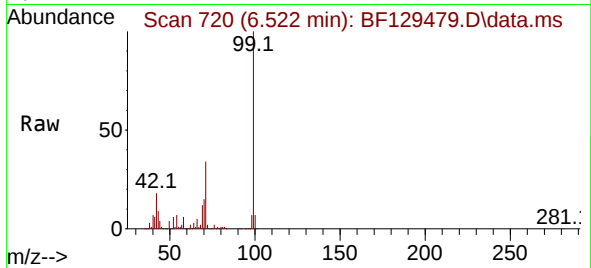




#7
Phenol-d6
Concen: 38.569 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129479.D
Acq: 01 Aug 2022 18:19

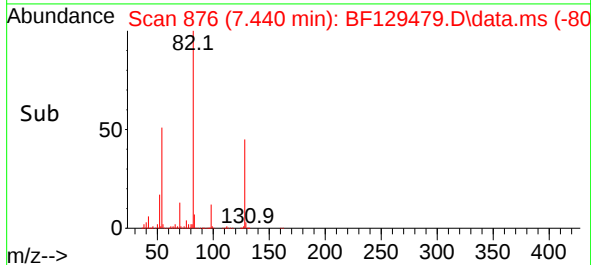
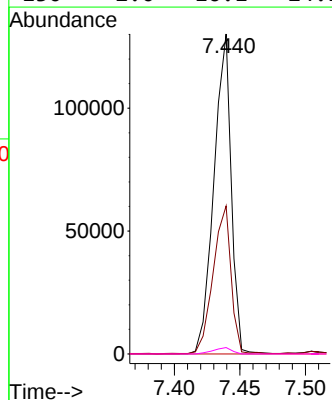
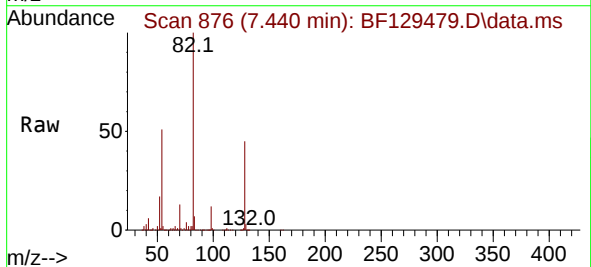
Instrument :
BNA_F
ClientSampleId :
CP-01

Tgt Ion: 99 Resp: 516107
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 33.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.752 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129479.D
Acq: 01 Aug 2022 18:19

Tgt Ion: 70 Resp: 119507
Ion Ratio Lower Upper
70 100
42 46.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



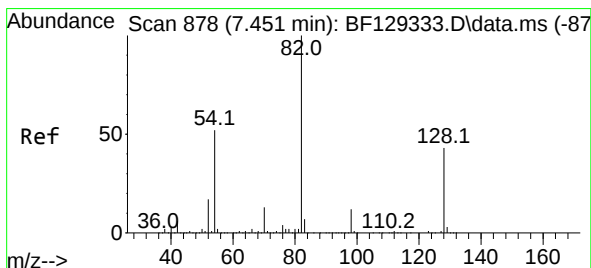
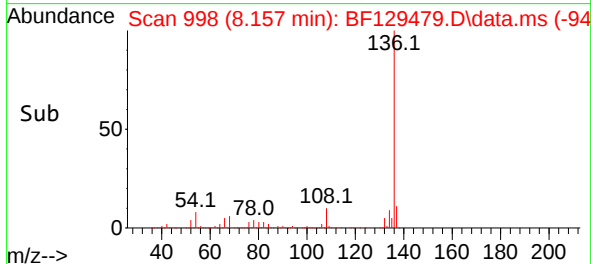
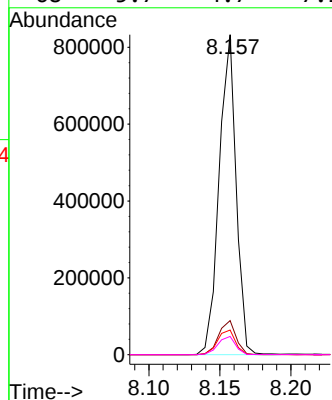
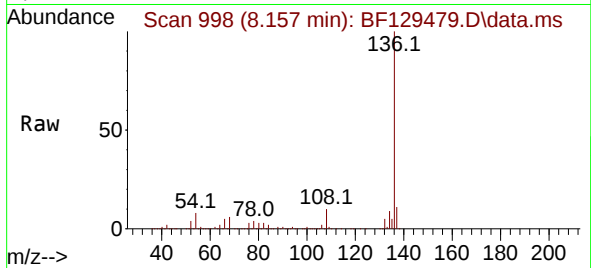


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129479.D
Acq: 01 Aug 2022 18:19

Instrument :
BNA_F
ClientSampleId :
CP-01

Tgt Ion:136 Resp: 689913

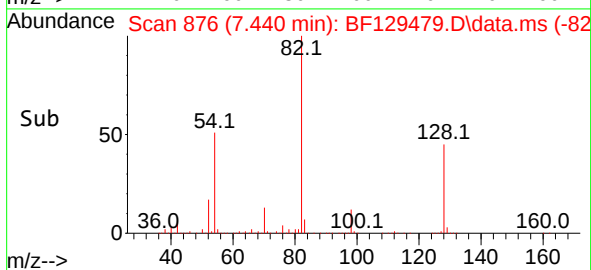
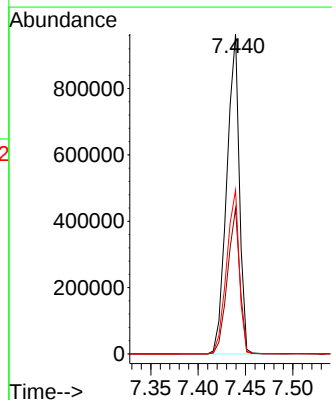
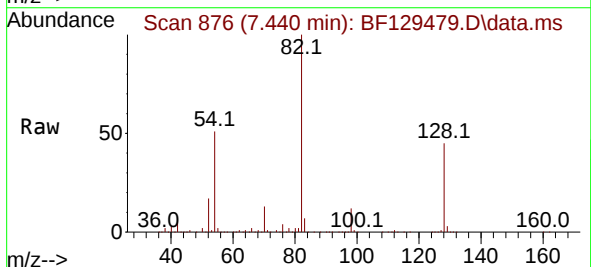
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	7.5	11.3
68	5.7	4.7	7.1

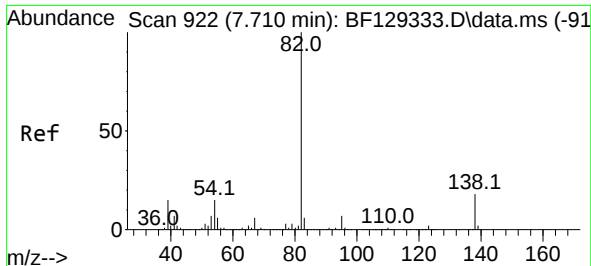


#23
Nitrobenzene-d5
Concen: 70.806 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129479.D
Acq: 01 Aug 2022 18:19

Tgt Ion: 82 Resp: 894876

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	51.2	46.9	70.3

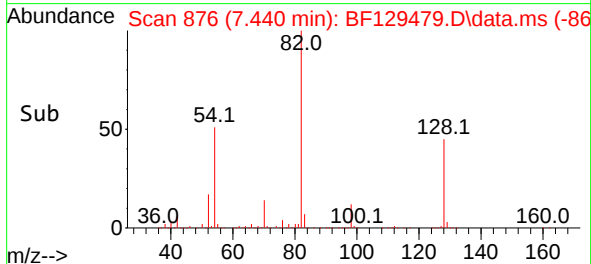
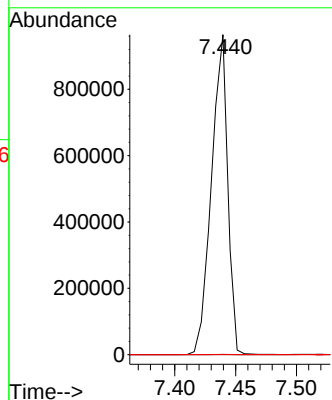
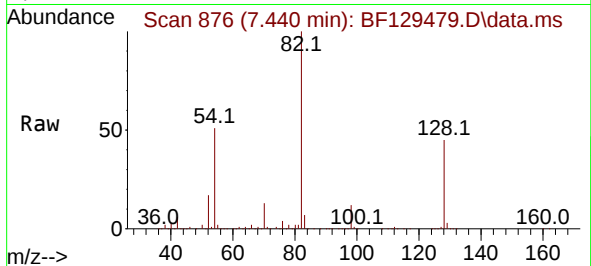




#25
Isophorone
Concen: 39.499 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129479.D
Acq: 01 Aug 2022 18:19

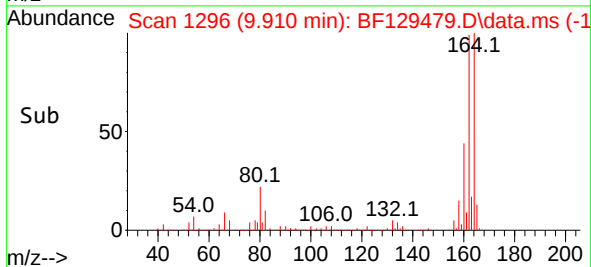
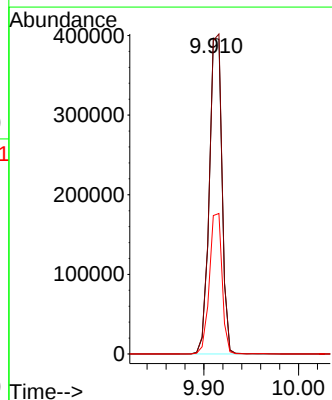
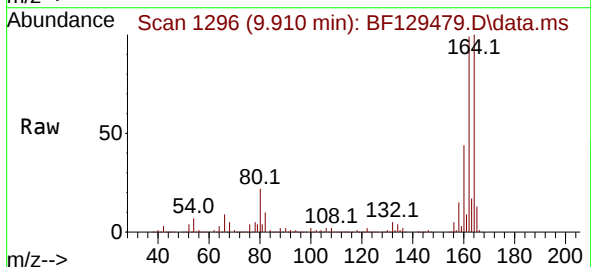
Instrument :
BNA_F
ClientSampleId :
CP-01

Tgt Ion: 82 Resp: 894827
Ion Ratio Lower Upper
82 100
95 0.1 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: BF129479.D
Acq: 01 Aug 2022 18:19

Tgt Ion: 164 Resp: 368962
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 0.076 ng

RT: 10.704 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129479.D

Acq: 01 Aug 2022 18:19

Instrument :

BNA_F

ClientSampleId :

CP-01

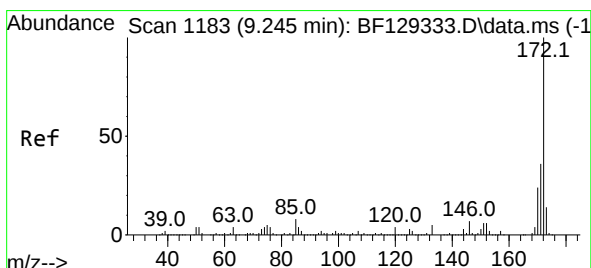
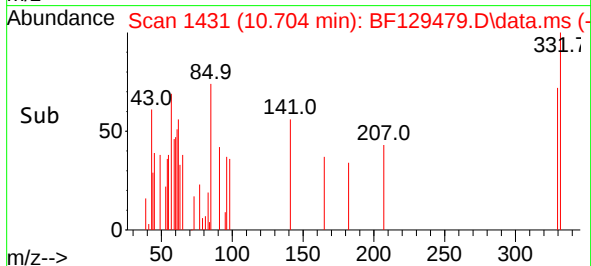
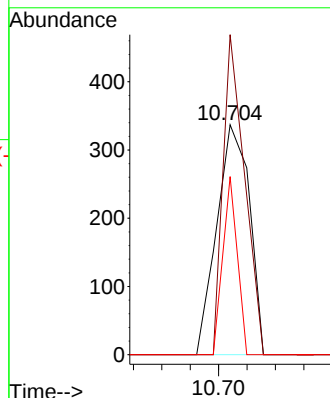
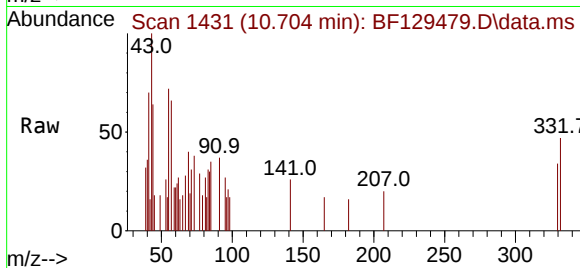
Tgt Ion:330 Resp: 269

Ion Ratio Lower Upper

330 100

332 92.2 76.8 115.2

141 34.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.152 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129479.D

Acq: 01 Aug 2022 18:19

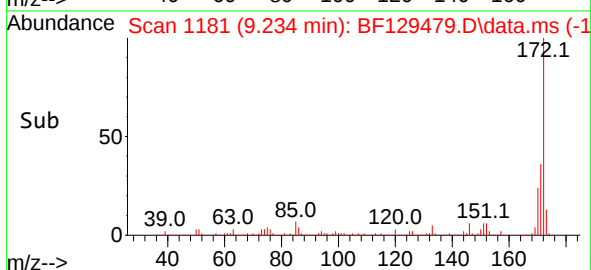
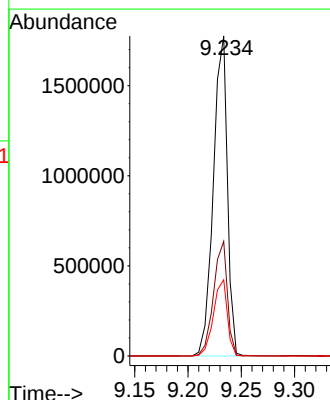
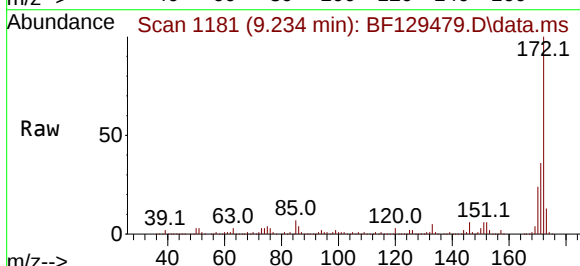
Tgt Ion:172 Resp: 1625495

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.346 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129479.D

Acq: 01 Aug 2022 18:19

Instrument :

BNA_F

ClientSampleId :

CP-01

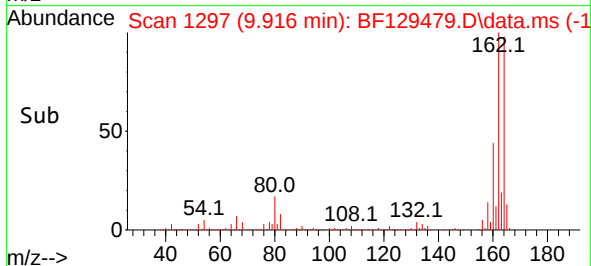
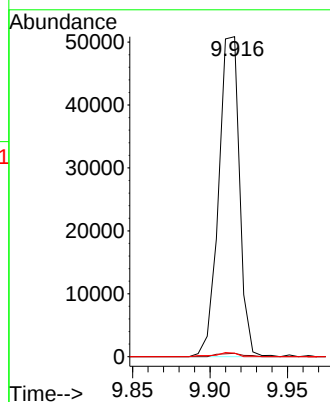
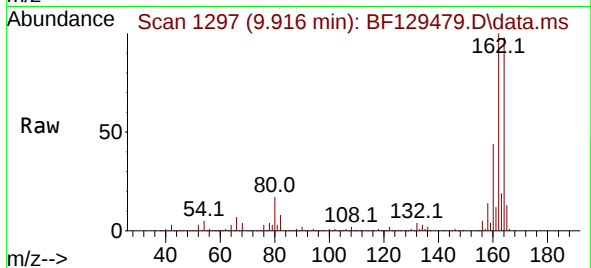
Tgt Ion:165 Resp: 47579

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.389 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.194 min

Lab File: BF129479.D

Acq: 01 Aug 2022 18:19

Tgt Ion:165 Resp: 47579

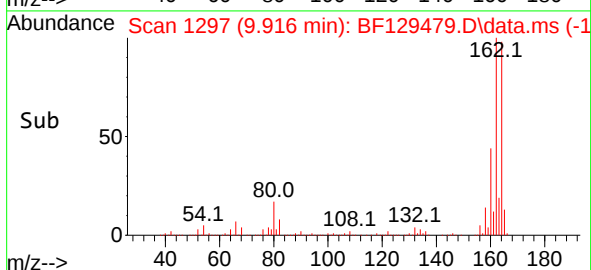
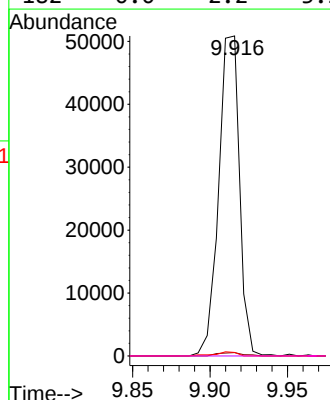
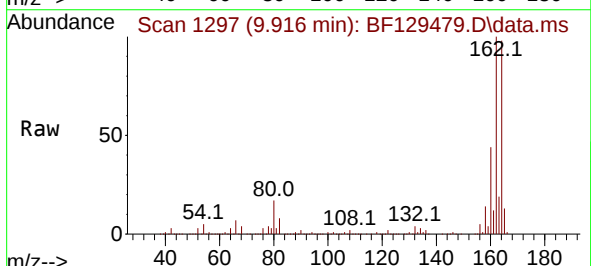
Ion Ratio Lower Upper

165 100

63 1.1 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129479.D

Acq: 01 Aug 2022 18:19

Instrument :

BNA_F

ClientSampleId :

CP-01

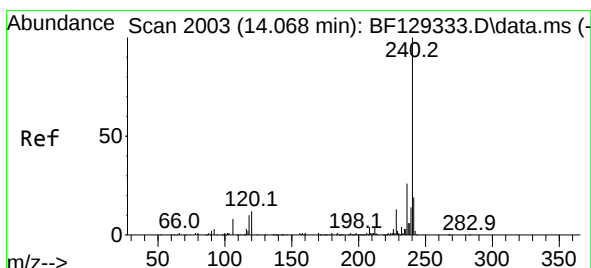
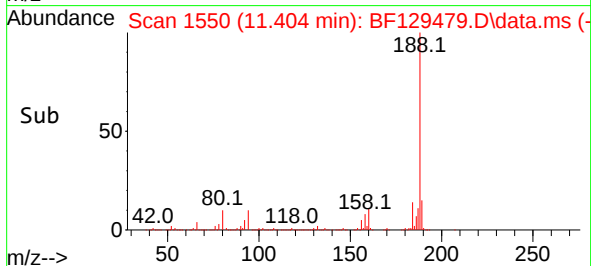
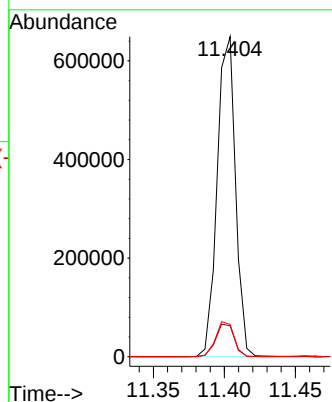
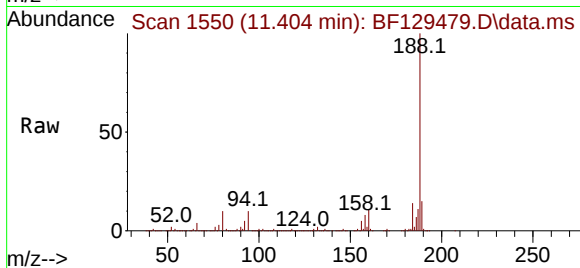
Tgt Ion:188 Resp: 581248

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 10.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF129479.D

Acq: 01 Aug 2022 18:19

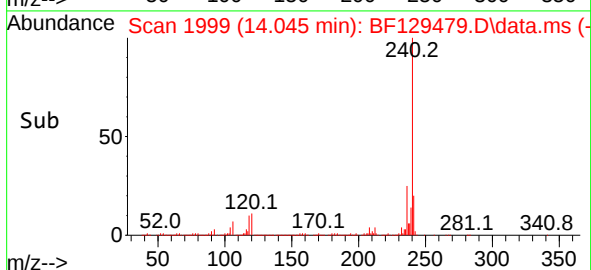
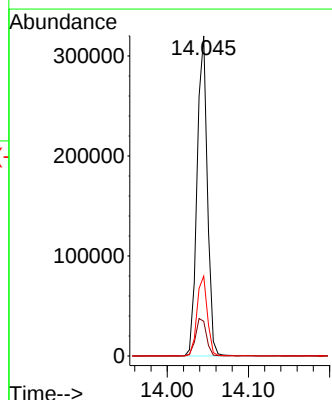
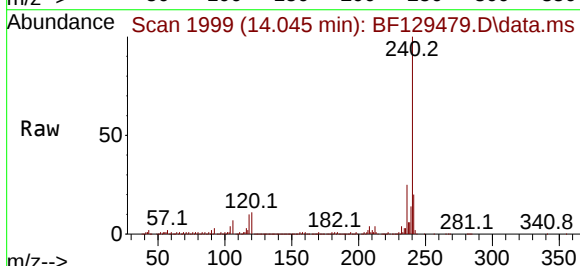
Tgt Ion:240 Resp: 283931

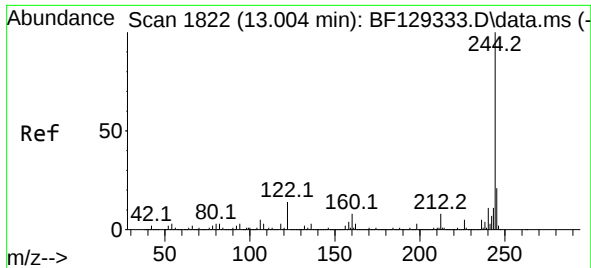
Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.0 20.8 31.2

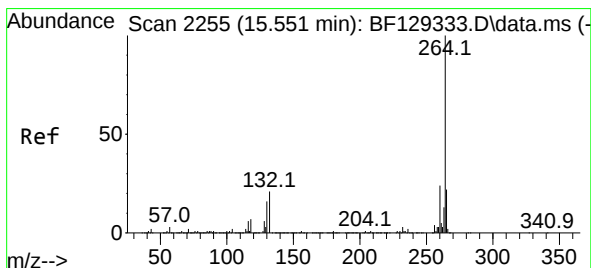
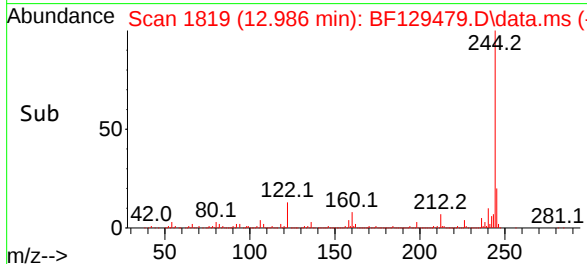
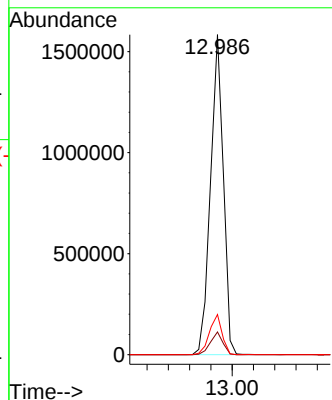
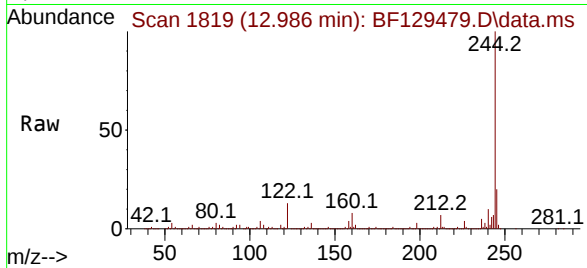




#79
 Terphenyl-d14
 Concen: 87.856 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: BF129479.D
 Acq: 01 Aug 2022 18:19

Instrument :
 BNA_F
 ClientSampleId :
 CP-01

Tgt Ion:244 Resp: 1322237
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 12.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BF129479.D
 Acq: 01 Aug 2022 18:19

Tgt Ion:264 Resp: 329661
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 20.8 17.2 25.8

