

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 01:45:28 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

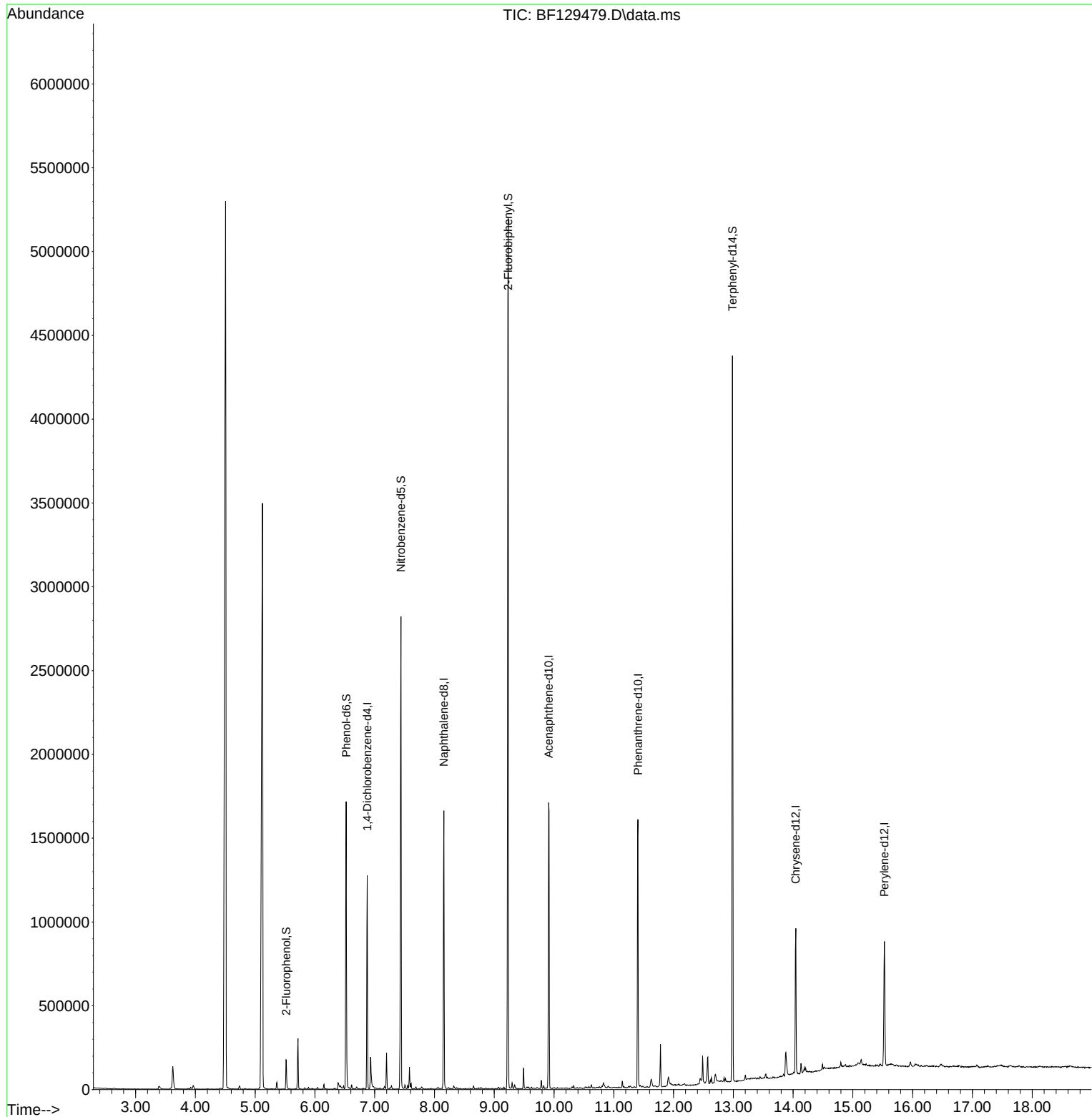
Target Compounds Qvalue

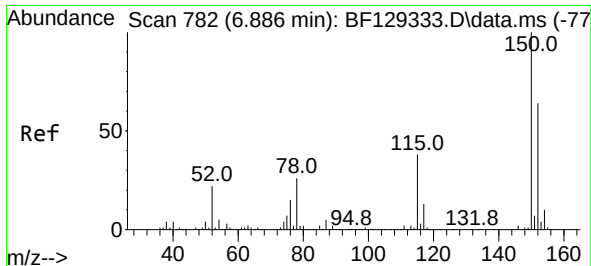
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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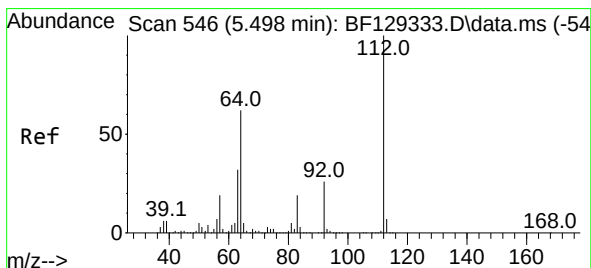
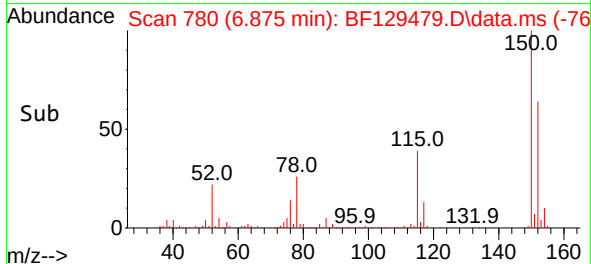
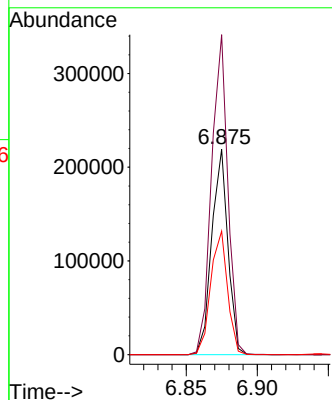
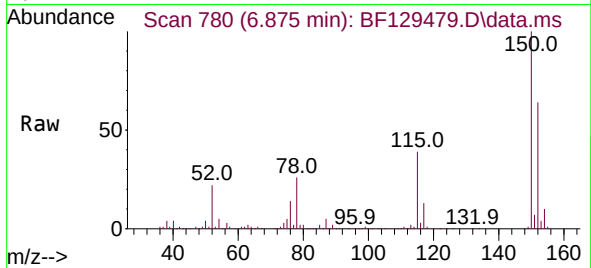




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129479.D
 Acq: 01 Aug 2022 18:19

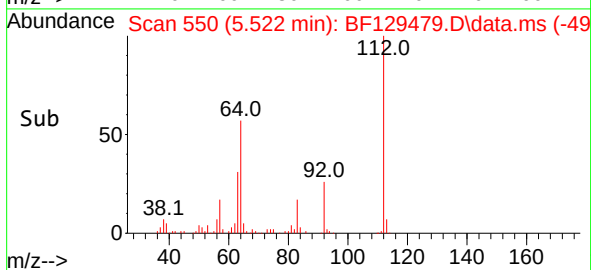
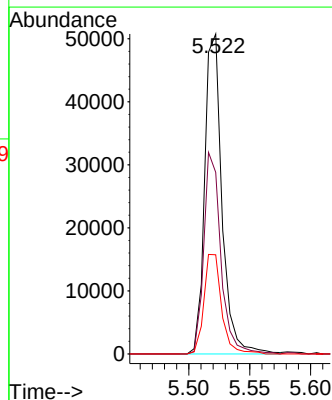
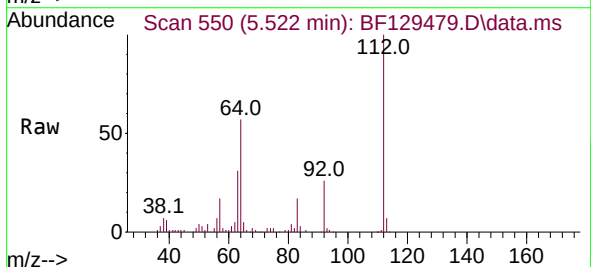
Instrument :
 BNA_F
 ClientSampleId :
 CP-01

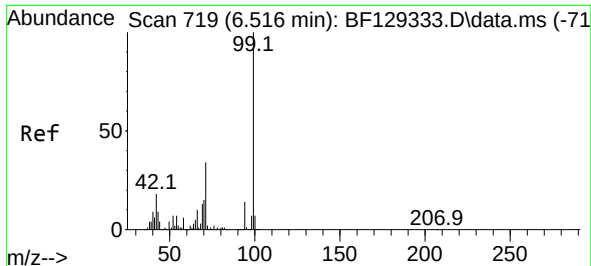
Tgt Ion:152 Resp: 173423
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.7 185.5
 115 60.1 49.9 74.9



#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# 71

Delta R.T. -0.000 min

Lab File: BF129479.D

Acq: 01 Aug 2022 18:19

Instrument :

BNA_F

ClientSampleId :

CP-01

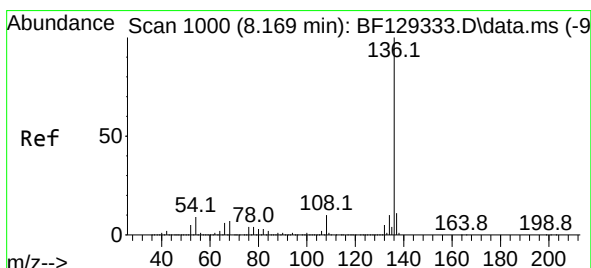
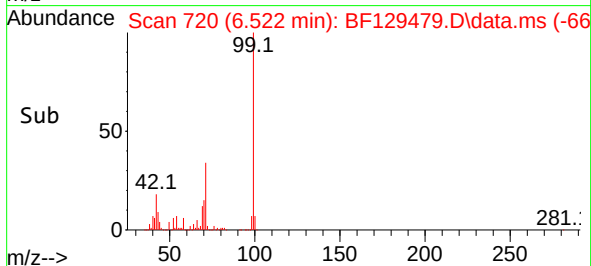
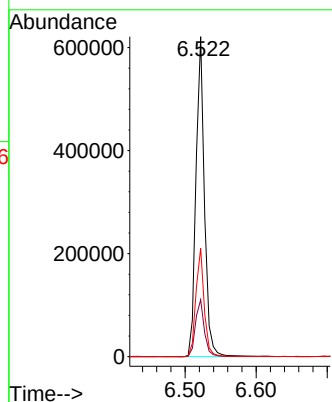
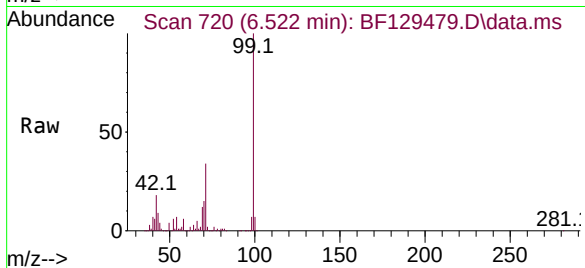
Tgt Ion: 99 Resp: 516107

Ion Ratio Lower Upper

99 100

42 17.8 17.3 25.9

71 33.9 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: BF129479.D

Acq: 01 Aug 2022 18:19

Tgt Ion: 136 Resp: 689913

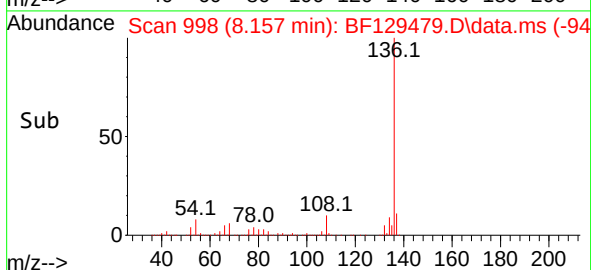
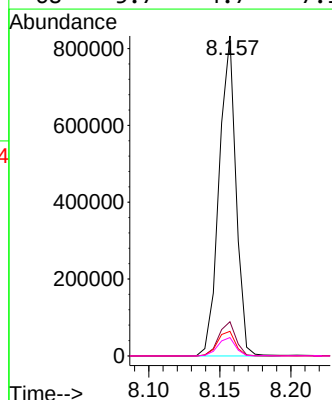
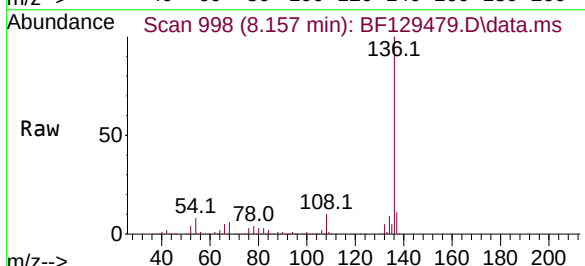
Ion Ratio Lower Upper

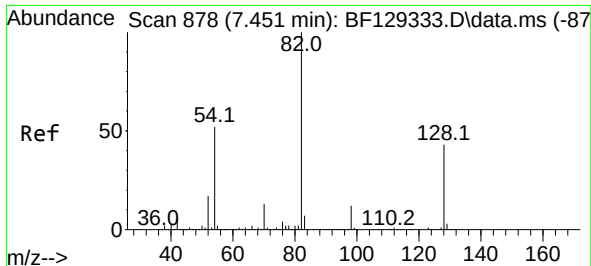
136 100

137 10.7 8.8 13.2

54 7.7 7.5 11.3

68 5.7 4.7 7.1

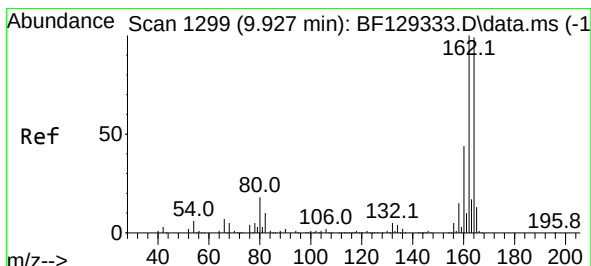
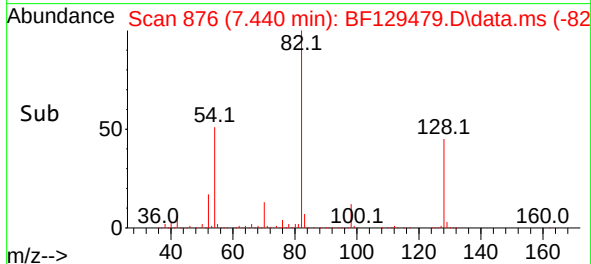
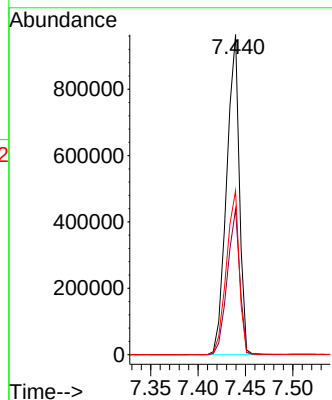
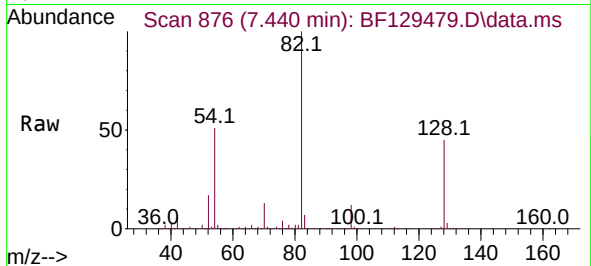




#23
Nitrobenzene-d5
Concen: 70.806 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129479.D
Acq: 01 Aug 2022 18:19

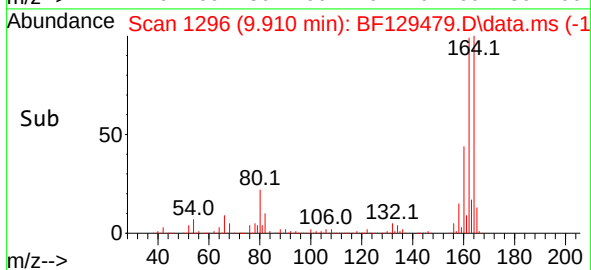
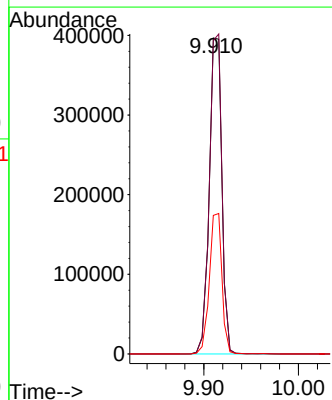
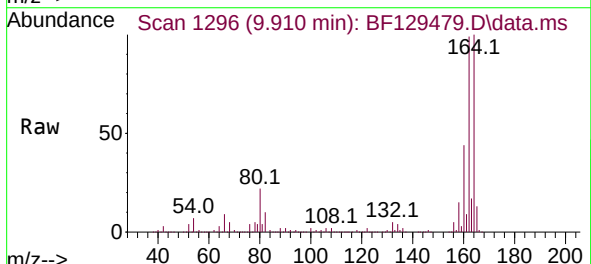
Instrument :
BNA_F
ClientSampleId :
CP-01

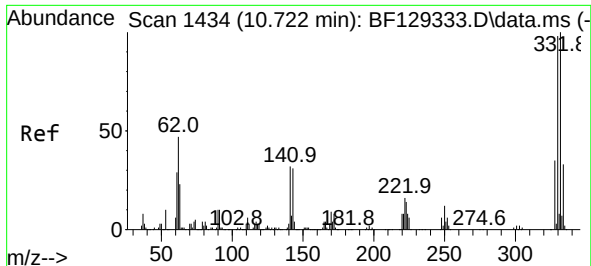
Tgt Ion: 82 Resp: 894876
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 51.2 46.9 70.3



#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

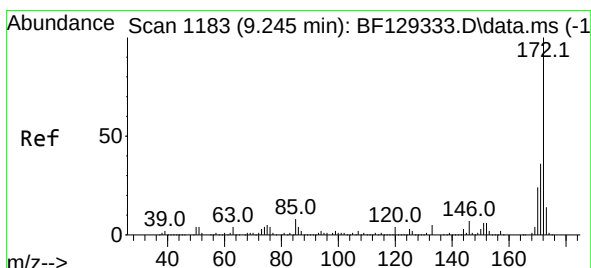
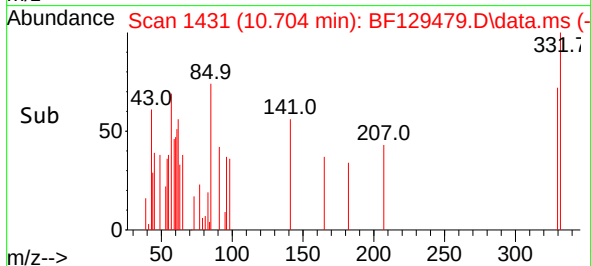
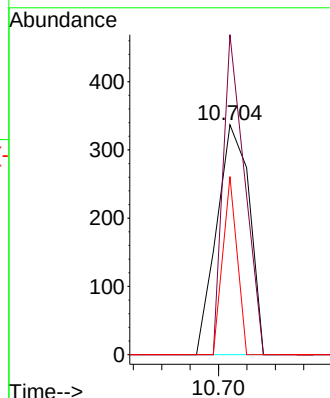
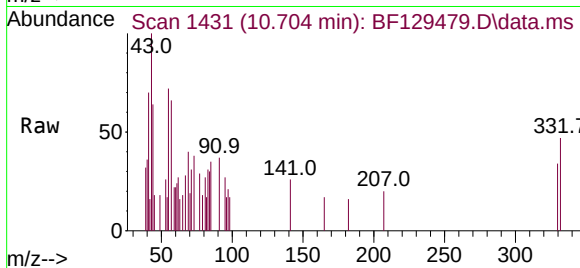
Tgt Ion:330 Resp: 269

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

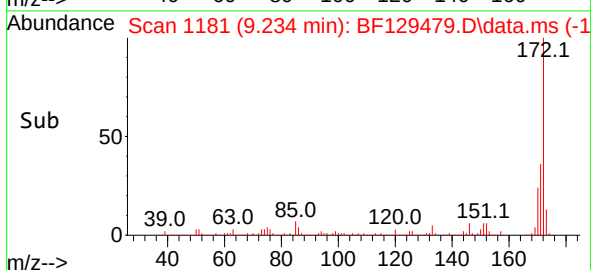
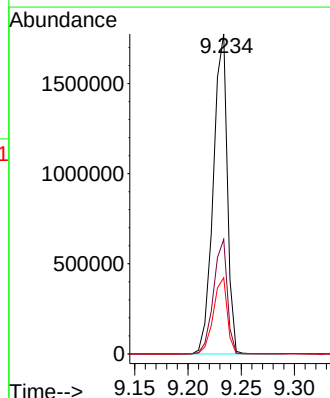
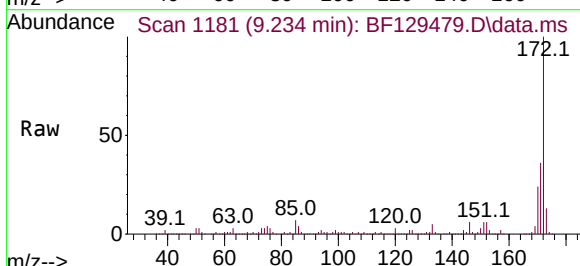
Tgt Ion:172 Resp: 1625495

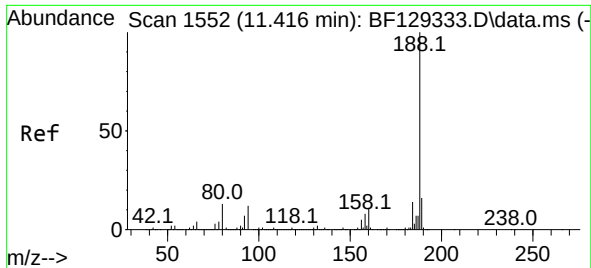
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.8 19.8 29.8

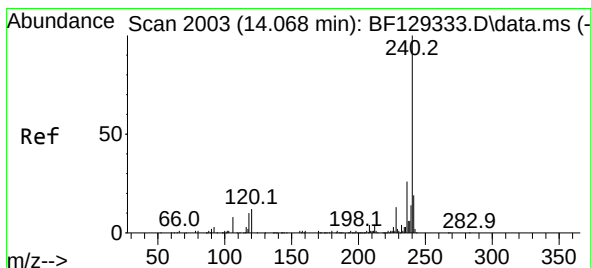
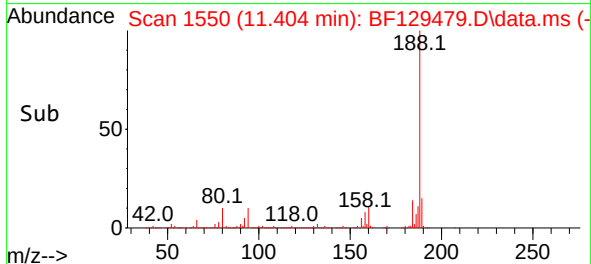
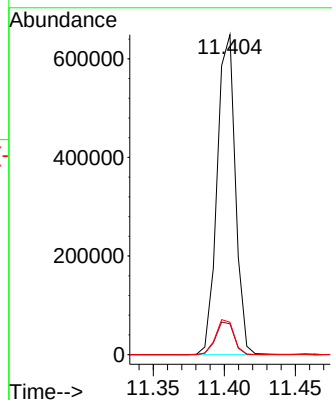
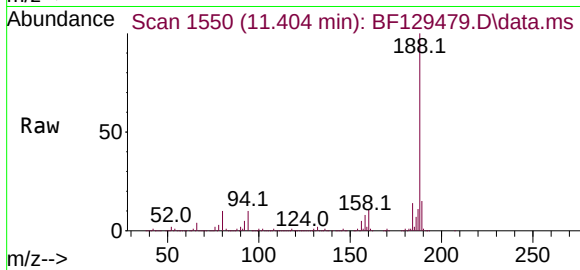




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129479.D
Acq: 01 Aug 2022 18:19

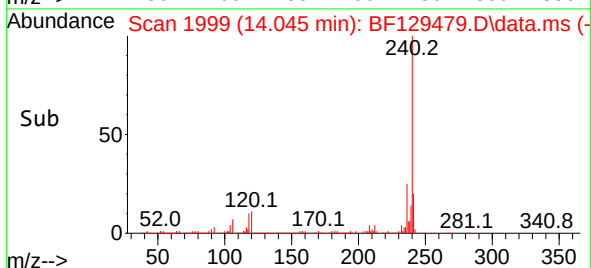
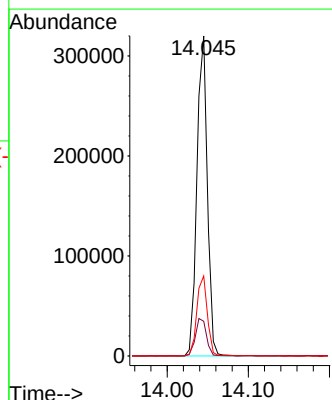
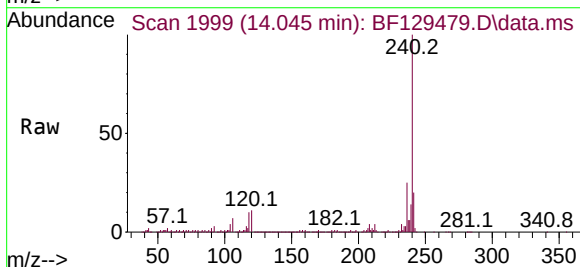
Instrument :
BNA_F
ClientSampleId :
CP-01

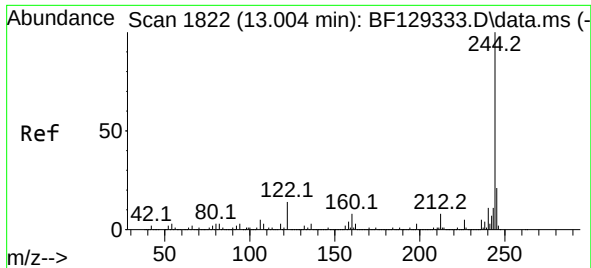
Tgt Ion:188 Resp: 581248
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.1 7.6 11.4



#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

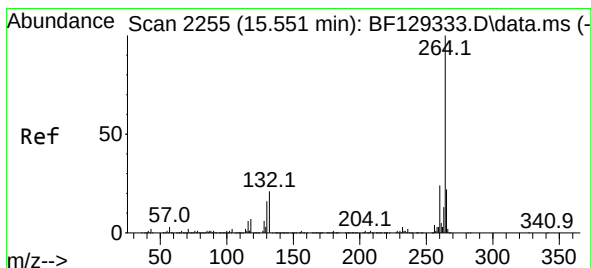
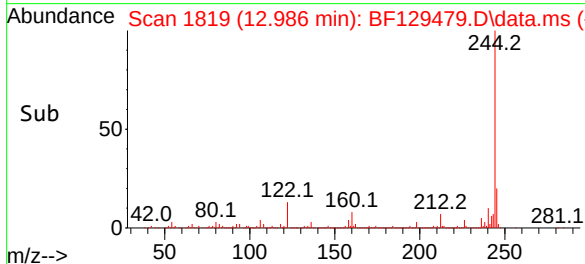
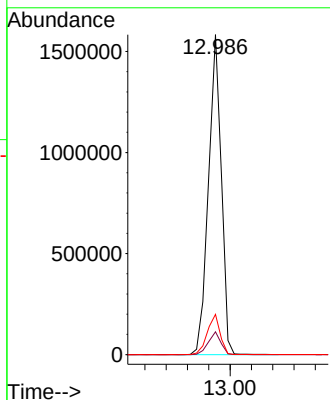
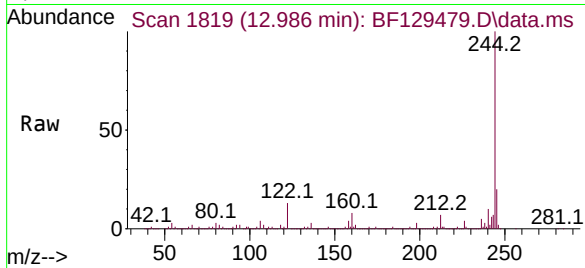




#79
 Terphenyl-d14
 Concen: 87.856 ng
 RT: 12.986 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: BF129479.D
 Acq: 01 Aug 2022 18:19

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

