

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129474.D
 Acq On : 01 Aug 2022 15:30
 Operator : CG\JU
 Sample : N3977-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-TOTE-0729

Quant Time: Aug 02 01:16:26 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	172906	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	672176	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	334639	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	474685	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	351639	20.000	ng	0.00
86) Perylene-d12	15.533	264	396981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	517964	48.799	ng	0.00
7) Phenol-d6	6.522	99	386625	28.979	ng	0.00
23) Nitrobenzene-d5	7.440	82	1051496	85.394	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	375042	116.570	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1815514	83.926	ng	0.00
79) Terphenyl-d14	12.992	244	1381014	74.093	ng	0.00

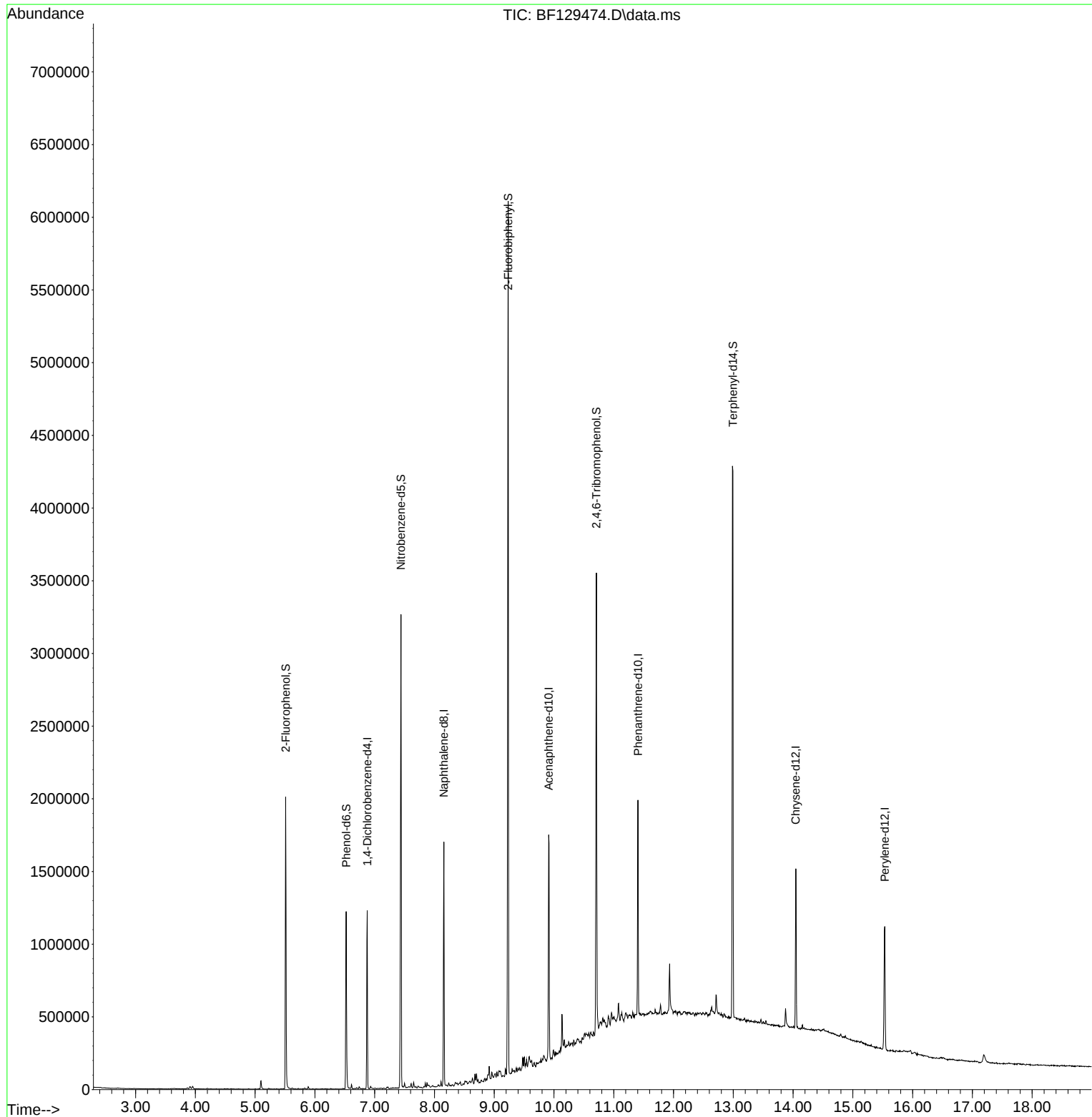
Target Compounds	Qvalue

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

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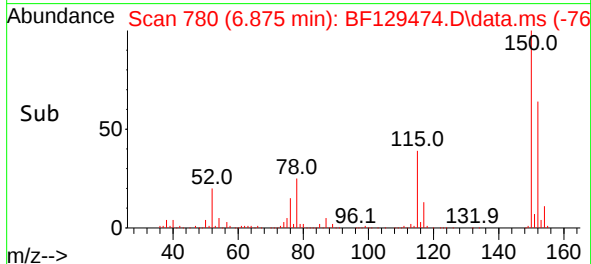
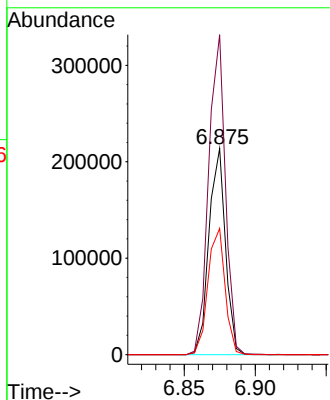
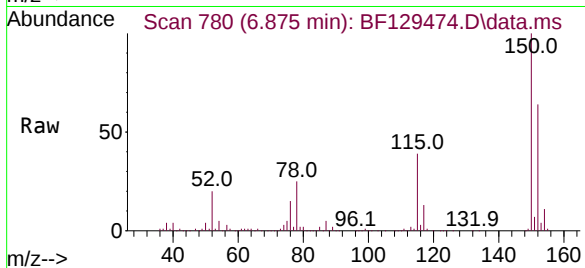




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BF129474.D
 Acq: 01 Aug 2022 15:30

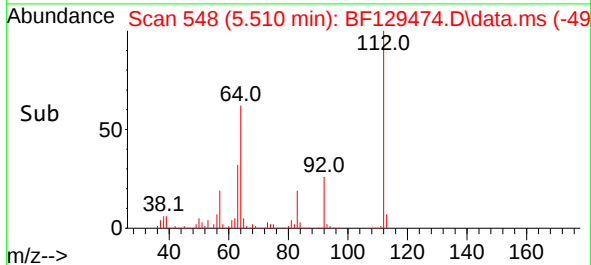
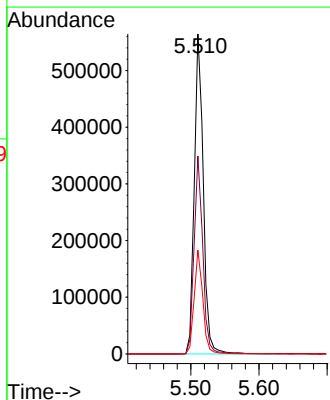
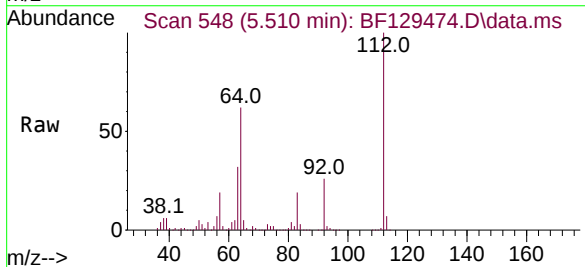
Instrument :
 BNA_F
 ClientSampleId :
 MS-TOTE-0729

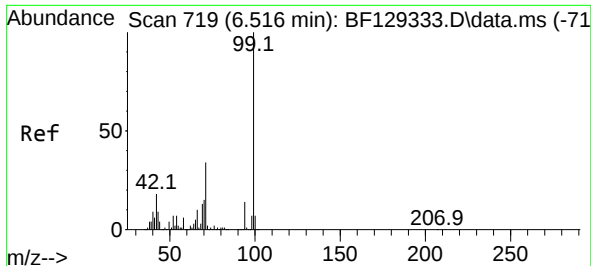
Tgt Ion:152 Resp: 172906
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.7 185.5
 115 61.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 48.799 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129474.D
 Acq: 01 Aug 2022 15:30

Tgt Ion:112 Resp: 517964
 Ion Ratio Lower Upper
 112 100
 64 61.8 53.3 79.9
 63 32.4 28.0 42.0





#7

Phenol-d6

Concen: 28.979 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF129474.D

Acq: 01 Aug 2022 15:30

Instrument :

BNA_F

ClientSampleId :

MS-TOTE-0729

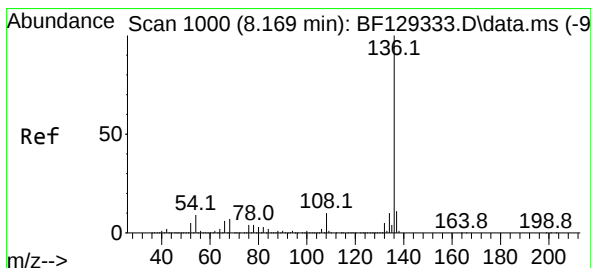
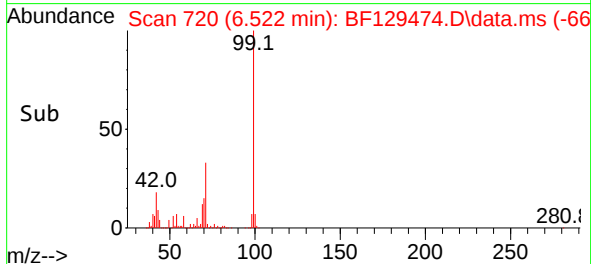
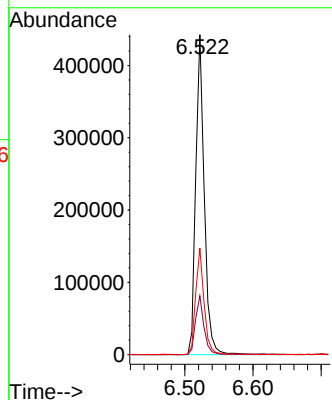
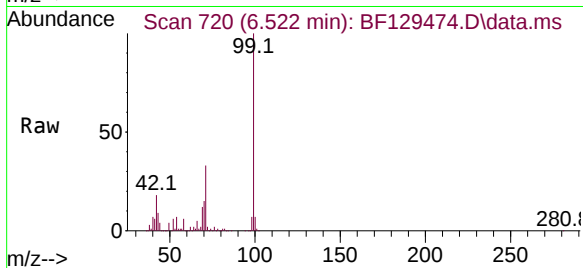
Tgt Ion: 99 Resp: 386625

Ion Ratio Lower Upper

99 100

42 18.4 17.3 25.9

71 33.3 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: BF129474.D

Acq: 01 Aug 2022 15:30

Tgt Ion: 136 Resp: 672176

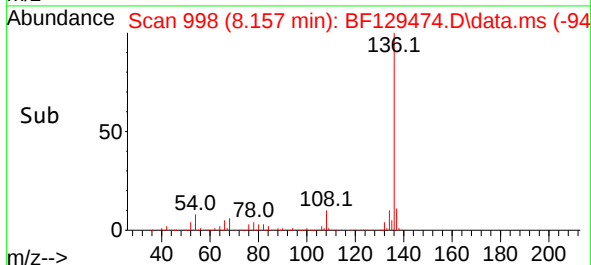
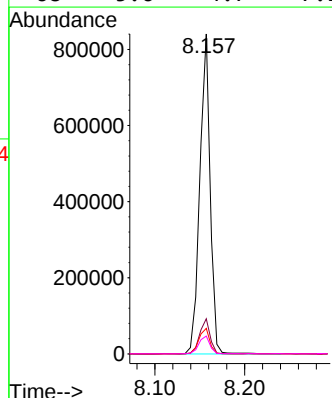
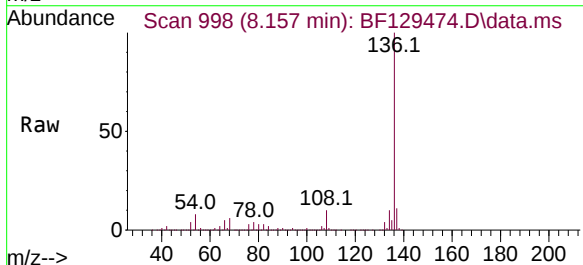
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.0 7.5 11.3

68 5.6 4.7 7.1

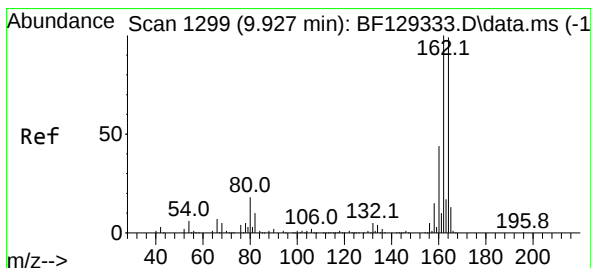
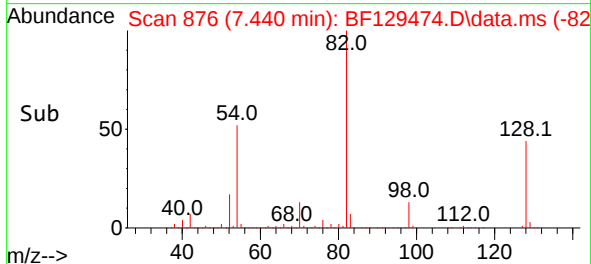
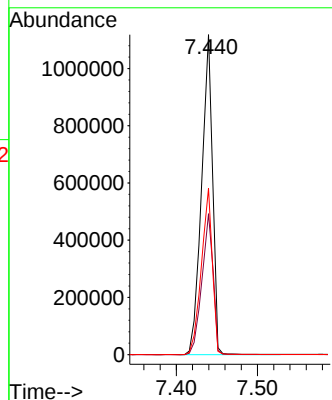
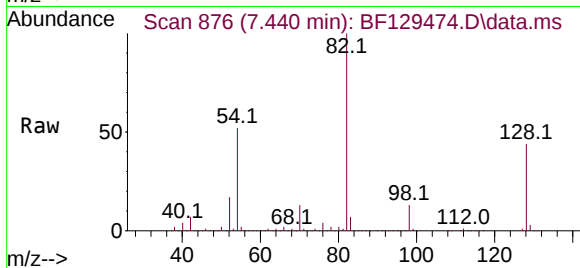




#23
Nitrobenzene-d5
Concen: 85.394 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129474.D
Acq: 01 Aug 2022 15:30

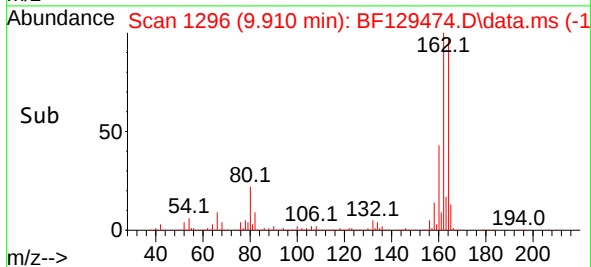
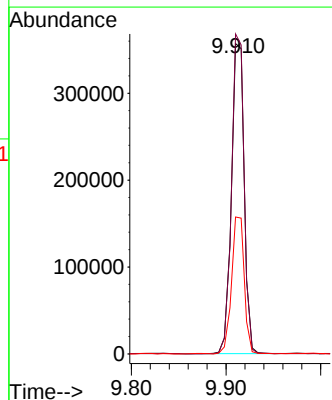
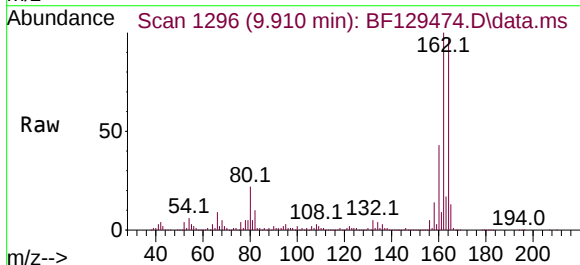
Instrument :
BNA_F
ClientSampleId :
MS-TOTE-0729

Tgt Ion: 82 Resp: 1051496
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 52.0 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: BF129474.D
Acq: 01 Aug 2022 15:30

Tgt Ion:164 Resp: 334639
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 116.570 ng

RT: 10.710 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129474.D

Acq: 01 Aug 2022 15:30

Instrument :

BNA_F

ClientSampleId :

MS-TOTE-0729

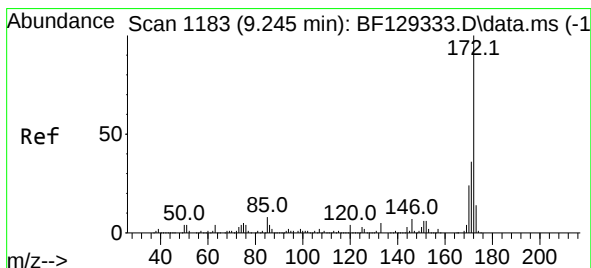
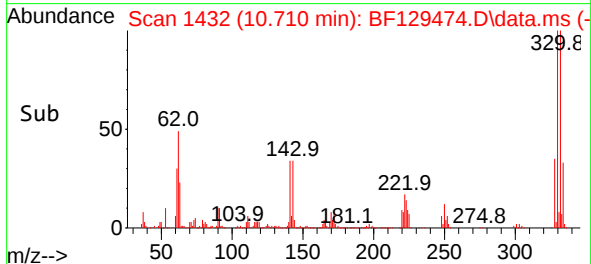
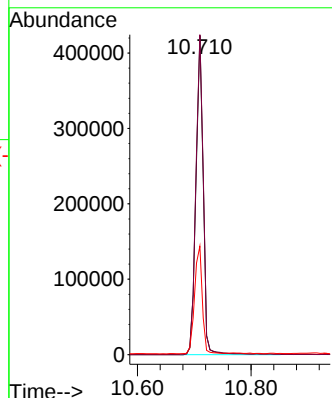
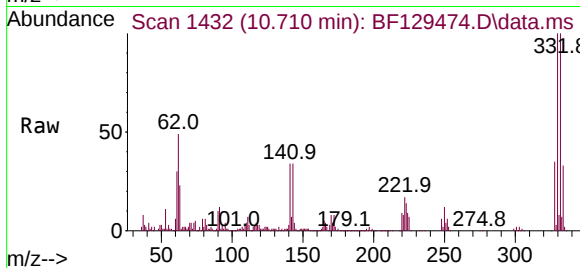
Tgt Ion:330 Resp: 375042

Ion Ratio Lower Upper

330 100

332 101.5 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.926 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129474.D

Acq: 01 Aug 2022 15:30

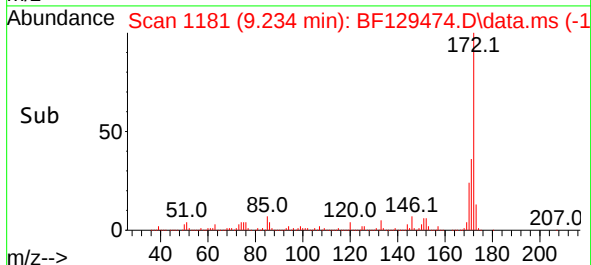
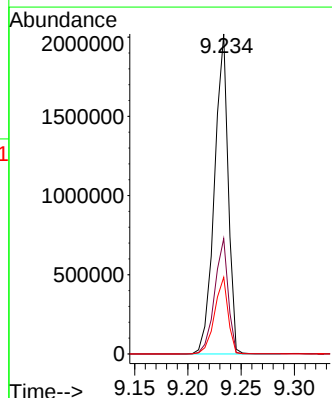
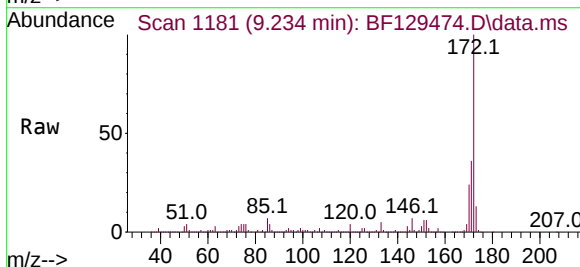
Tgt Ion:172 Resp: 1815514

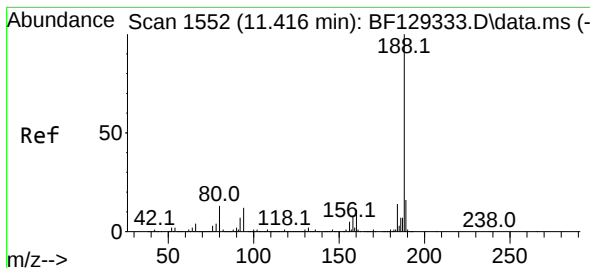
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.9 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: BF129474.D

Acq: 01 Aug 2022 15:30

Instrument :

BNA_F

ClientSampleId :

MS-TOTE-0729

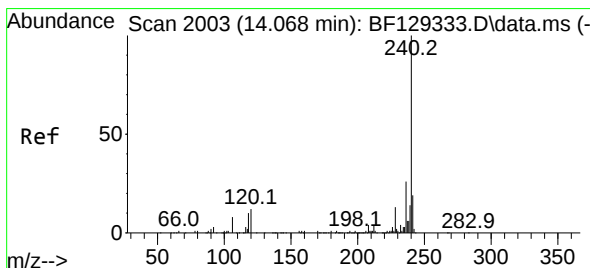
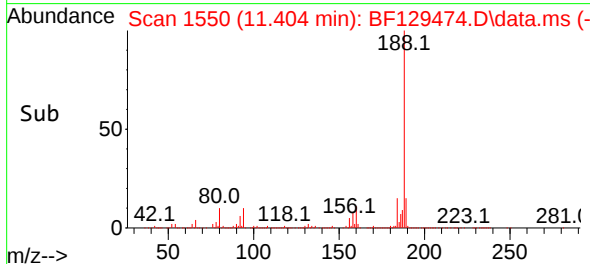
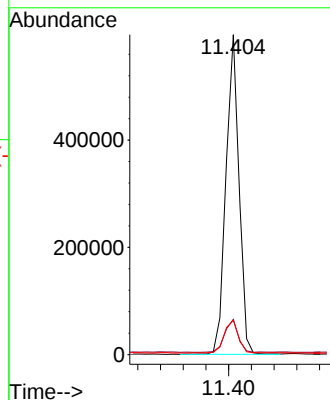
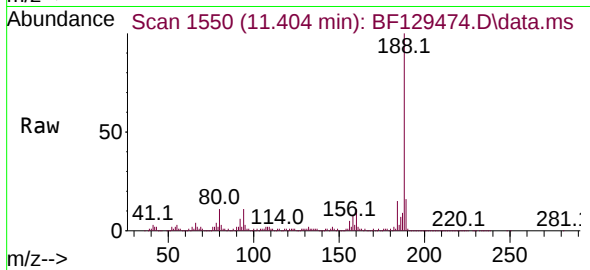
Tgt Ion:188 Resp: 474685

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.6#

80 10.7 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: BF129474.D

Acq: 01 Aug 2022 15:30

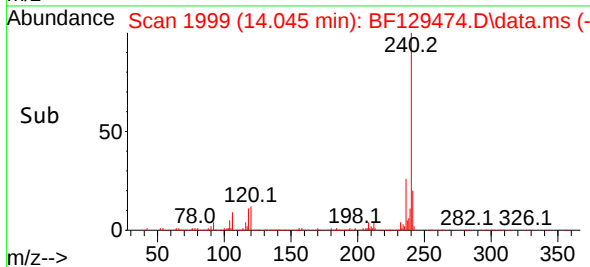
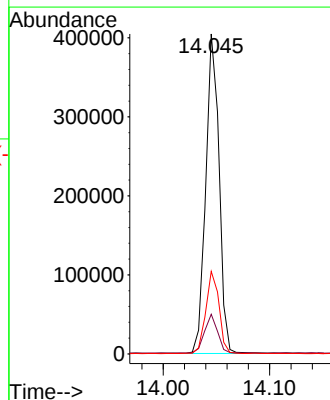
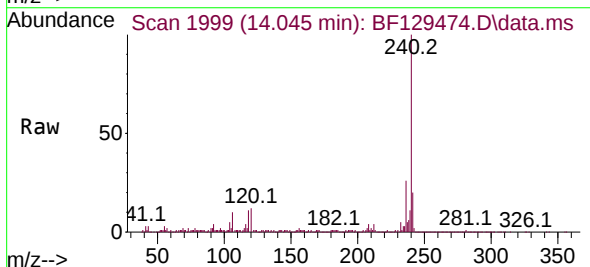
Tgt Ion:240 Resp: 351639

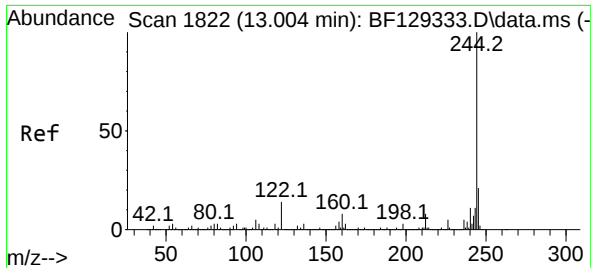
Ion Ratio Lower Upper

240 100

120 12.4 8.9 13.3

236 25.8 20.8 31.2

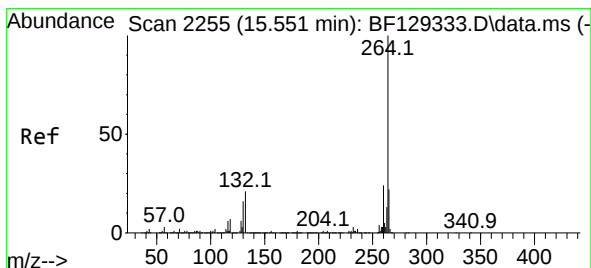
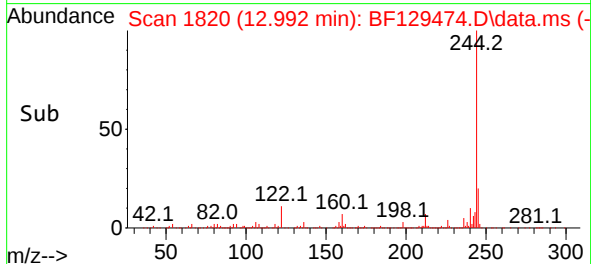
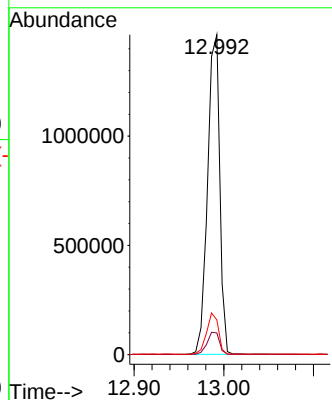
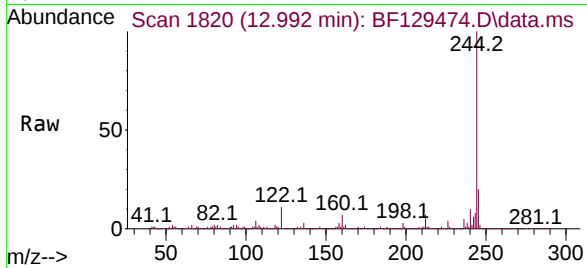




#79
 Terphenyl-d14
 Concen: 74.093 ng
 RT: 12.992 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: BF129474.D
 Acq: 01 Aug 2022 15:30

Instrument :
 BNA_F
 ClientSampleId :
 MS-TOTE-0729

Tgt Ion:244 Resp: 1381014
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 10.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. 0.006 min
 Lab File: BF129474.D
 Acq: 01 Aug 2022 15:30

Tgt Ion:264 Resp: 396981
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.9 17.2 25.8

