

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128777.D
 Acq On : 13 Jun 2022 11:03
 Operator : CG\JU
 Sample : PB145464BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145464BL

Quant Time: Jun 13 13:57:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	82293	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	316094	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	182180	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	330993	20.000	ng	0.00
76) Chrysene-d12	13.980	240	242014	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	185268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	653606	126.509	ng	0.00
7) Phenol-d6	6.463	99	818275	129.750	ng	-0.02
23) Nitrobenzene-d5	7.375	82	583352	85.924	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	258346	120.019	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1132510	87.080	ng	0.00
79) Terphenyl-d14	12.933	244	1310366	94.083	ng	0.00

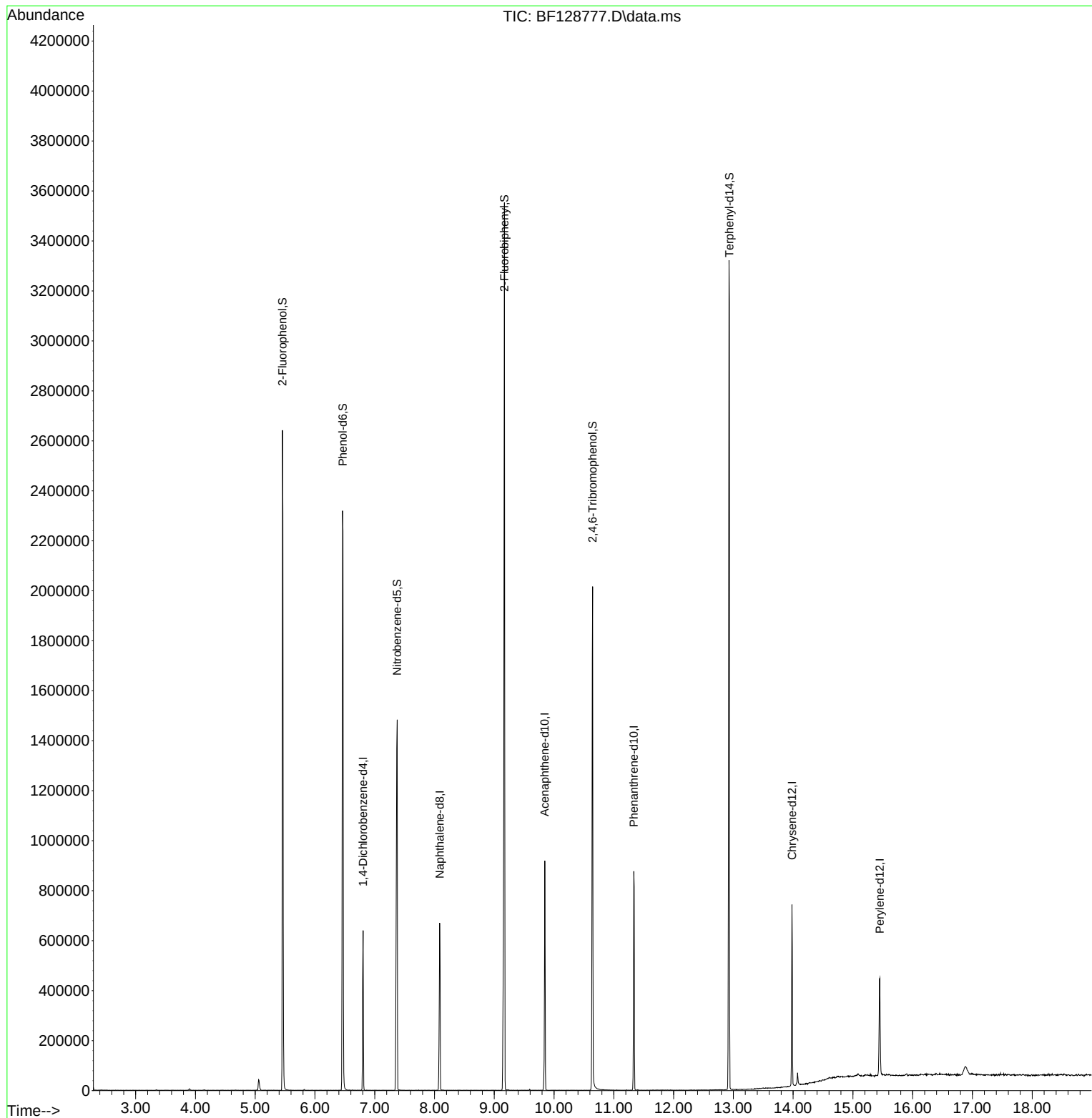
Target Compounds	Qvalue

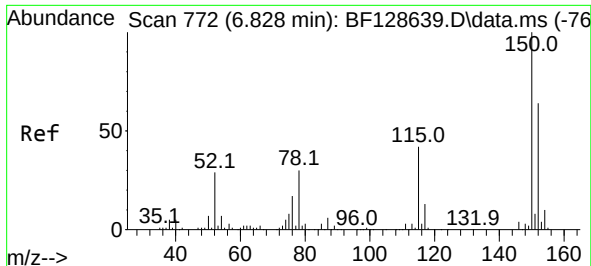
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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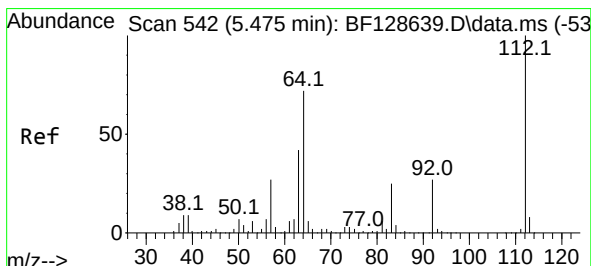
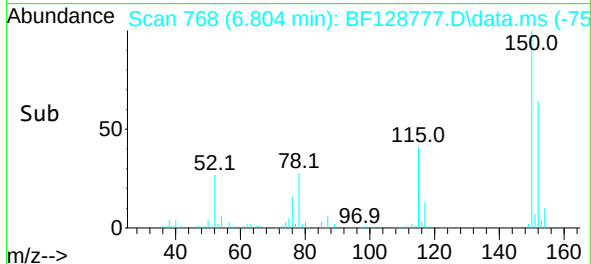
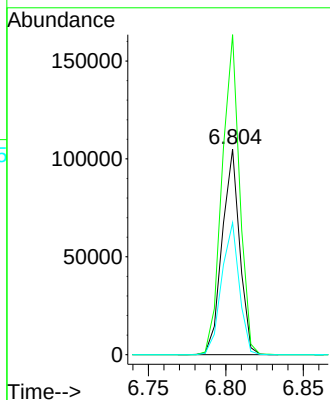
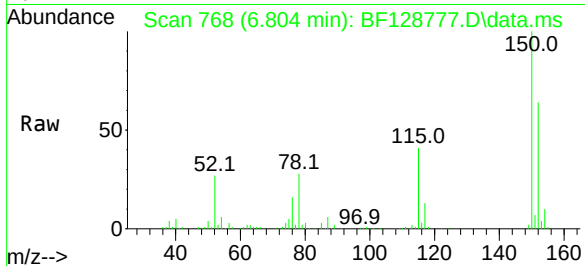




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

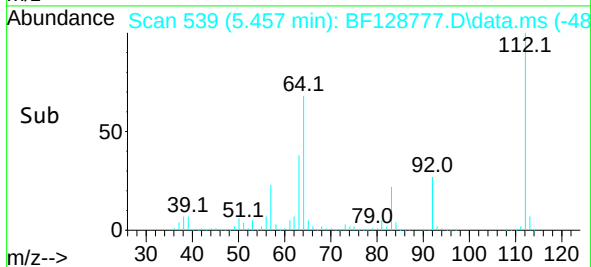
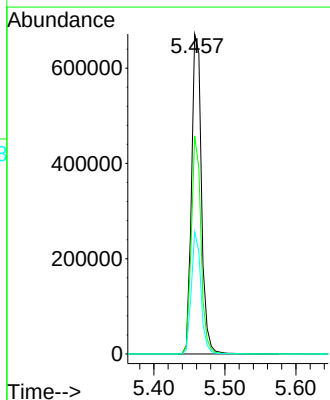
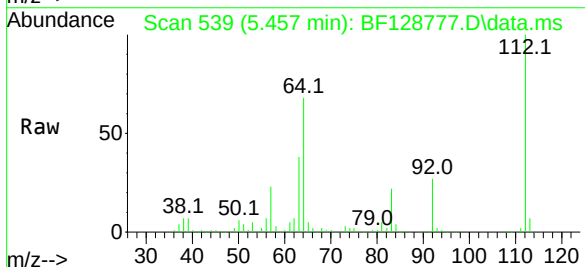
Instrument :
BNA_F
ClientSampleId :
PB145464BL

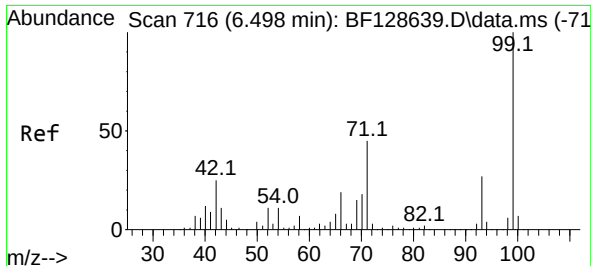
Tgt Ion:152 Resp: 82293
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 126.509 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

Tgt Ion:112 Resp: 653606
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 38.2 28.0 42.0

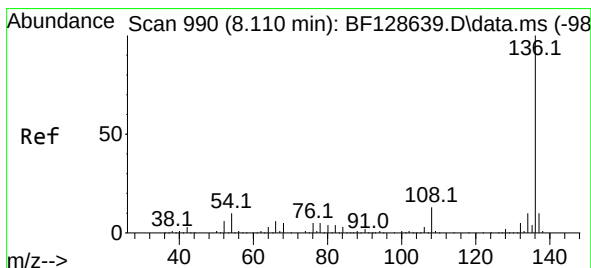
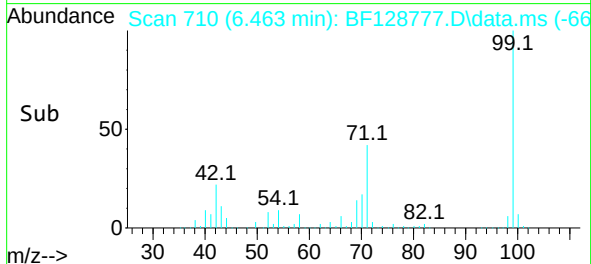
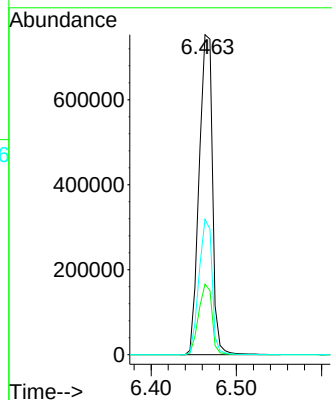
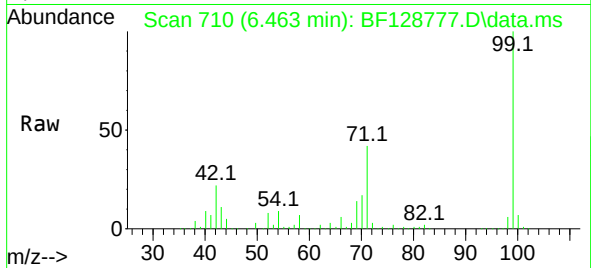




#7
Phenol-d6
Concen: 129.750 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

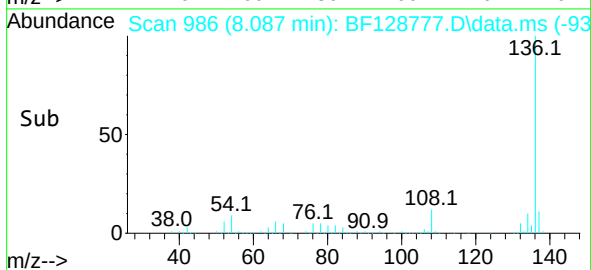
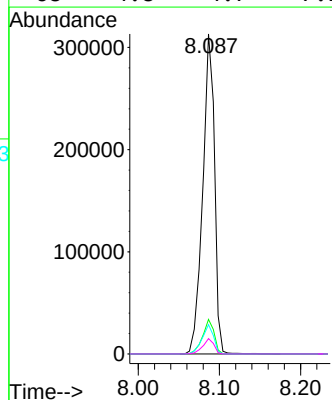
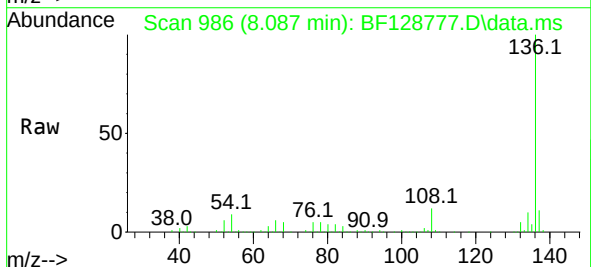
Instrument :
BNA_F
ClientSampleId :
PB145464BL

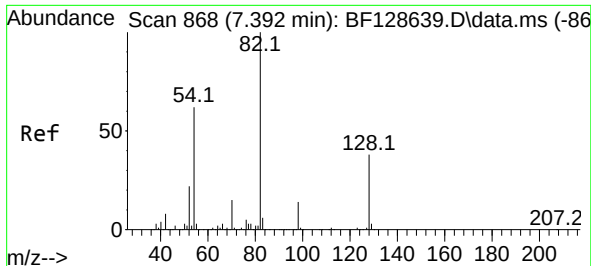
Tgt Ion: 99 Resp: 818275
Ion Ratio Lower Upper
99 100
42 22.0 17.3 25.9
71 42.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

Tgt Ion: 136 Resp: 316094
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.1 7.5 11.3
68 4.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 85.924 ng

RT: 7.375 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128777.D

Acq: 13 Jun 2022 11:03

Instrument :

BNA_F

ClientSampleId :

PB145464BL

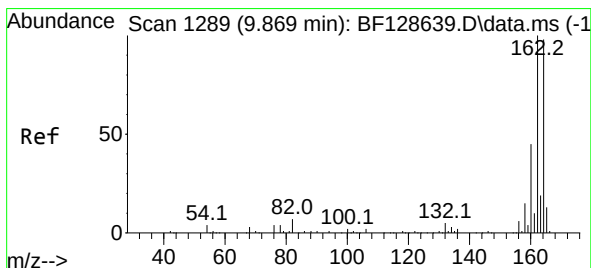
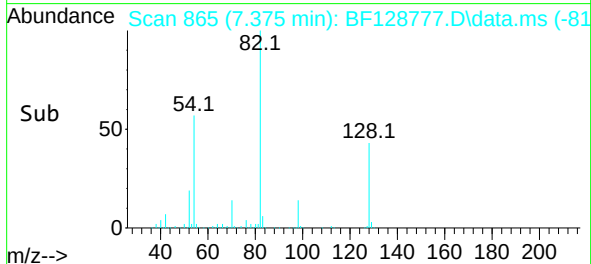
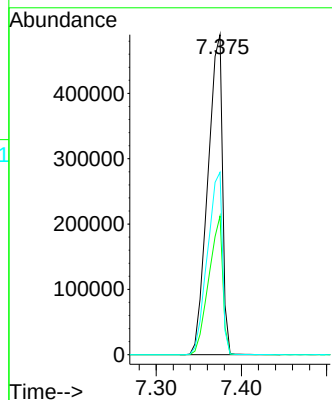
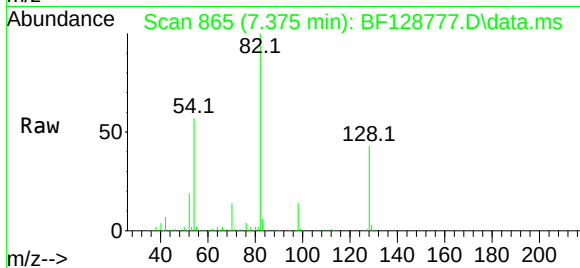
Tgt Ion: 82 Resp: 583352

Ion Ratio Lower Upper

82 100

128 43.3 34.0 51.0

54 57.0 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.012 min

Lab File: BF128777.D

Acq: 13 Jun 2022 11:03

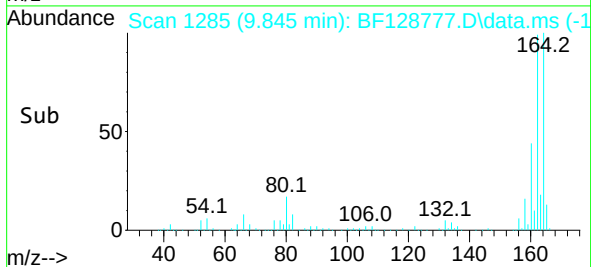
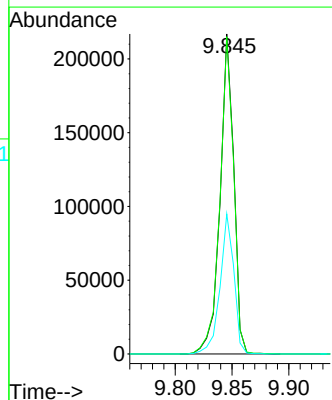
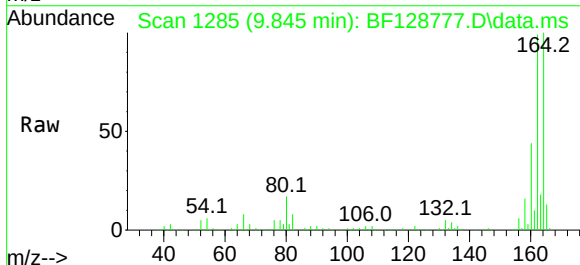
Tgt Ion:164 Resp: 182180

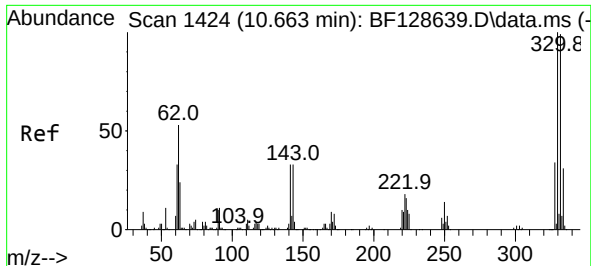
Ion Ratio Lower Upper

164 100

162 99.2 79.5 119.3

160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 120.019 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.006 min

Lab File: BF128777.D

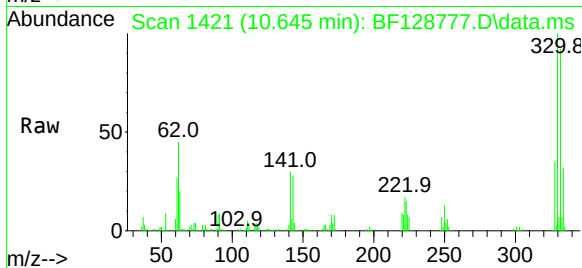
Acq: 13 Jun 2022 11:03

Instrument :

BNA_F

ClientSampleId :

PB145464BL



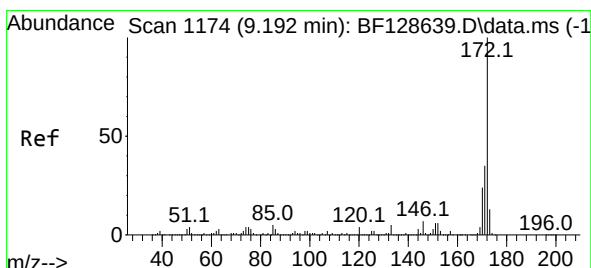
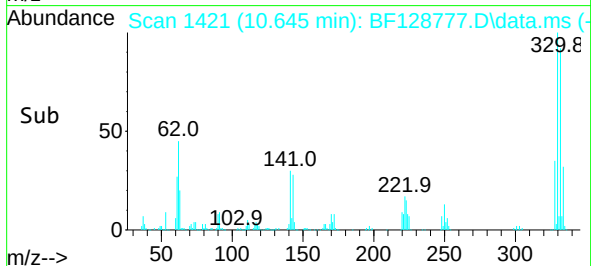
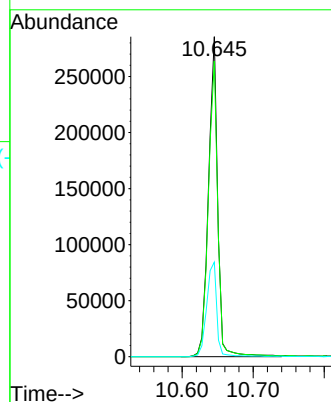
Tgt Ion:330 Resp: 258346

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 32.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 87.080 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF128777.D

Acq: 13 Jun 2022 11:03

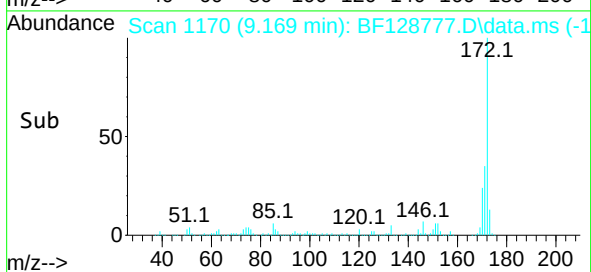
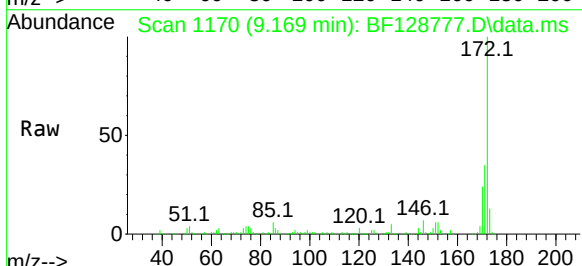
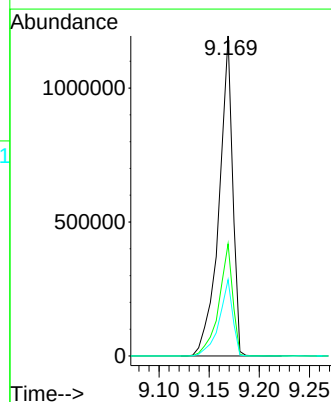
Tgt Ion:172 Resp: 1132510

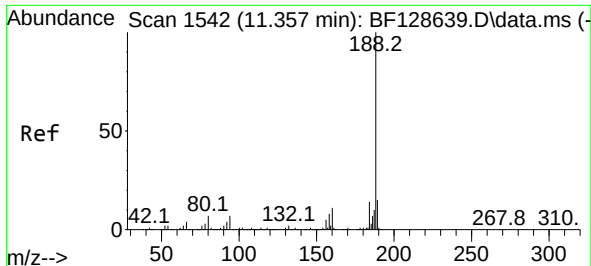
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.8 19.8 29.8

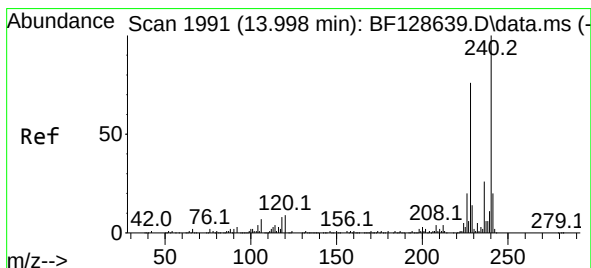
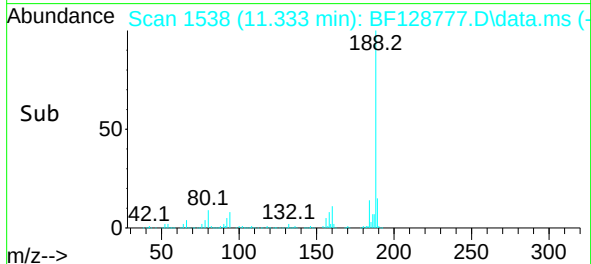
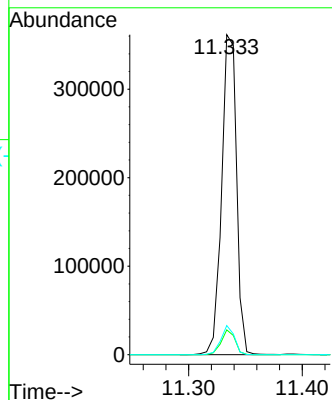
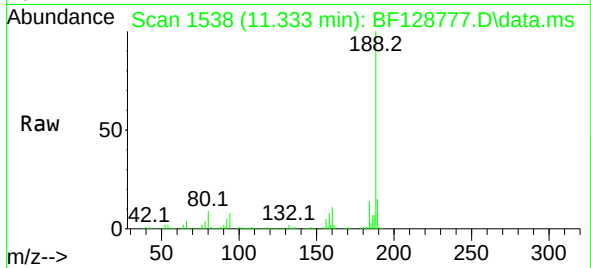




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

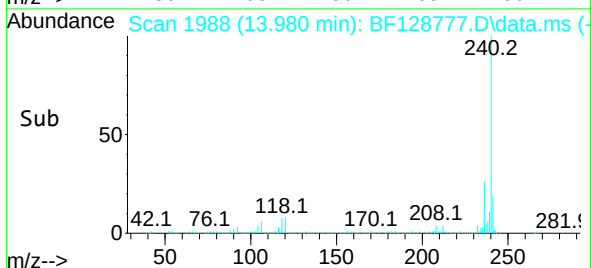
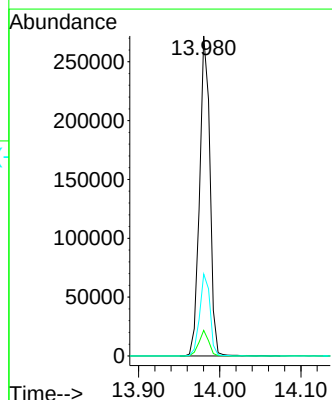
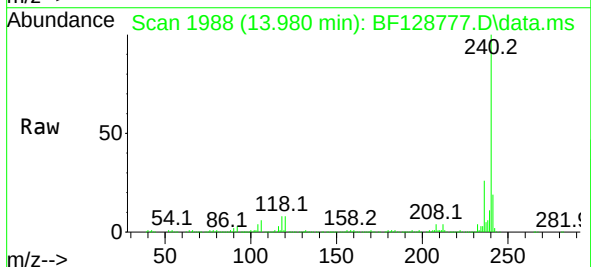
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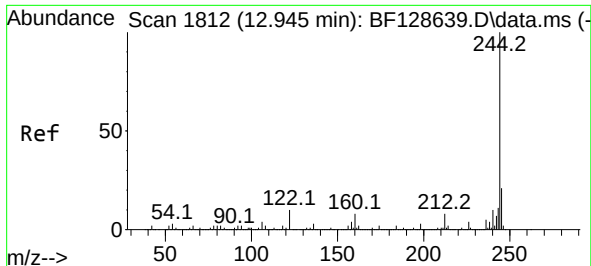
Tgt Ion:188 Resp: 330993
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF128777.D
Acq: 13 Jun 2022 11:03

Tgt Ion:240 Resp: 242014
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 25.6 20.8 31.2

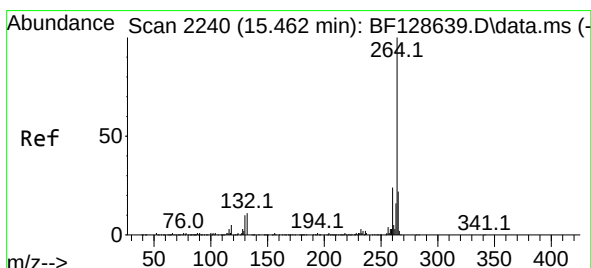
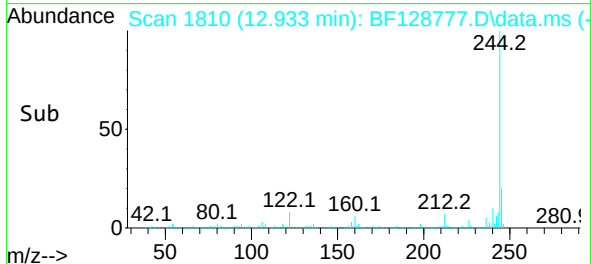
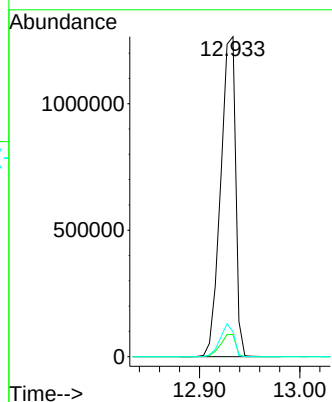
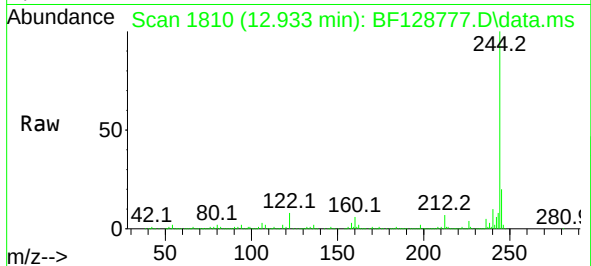




#79
 Terphenyl-d14
 Concen: 94.083 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128777.D
 Acq: 13 Jun 2022 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB145464BL

Tgt Ion:244 Resp: 1310366
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 7.8 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. 0.006 min
 Lab File: BF128777.D
 Acq: 13 Jun 2022 11:03

Tgt Ion:264 Resp: 185268
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 20.6 17.2 25.8

