

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128786.D
 Acq On : 13 Jun 2022 16:11
 Operator : CG\JU
 Sample : N3301-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-214(29-30)

Quant Time: Jun 14 01:55:58 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	84038	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	321793	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	182199	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	354042	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	273332	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	196957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	757142	143.506	ng	0.00
7) Phenol-d6	6.463	99	968084	150.317	ng	-0.02
23) Nitrobenzene-d5	7.375	82	685260	99.147	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	330945	153.730	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1356613	104.300	ng	0.00
79) Terphenyl-d14	12.927	244	1652427	105.049	ng	0.00

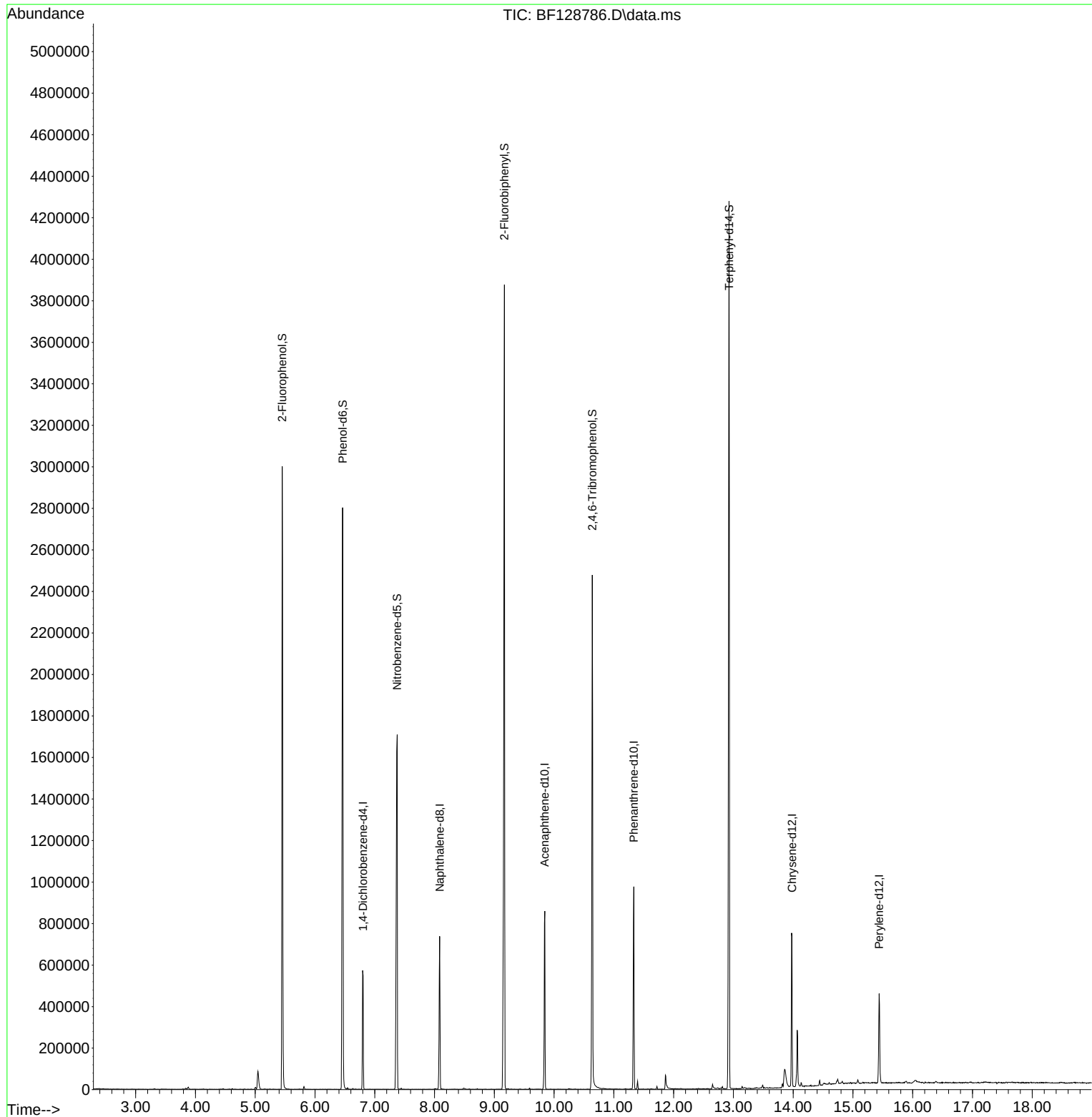
Target Compounds	Qvalue

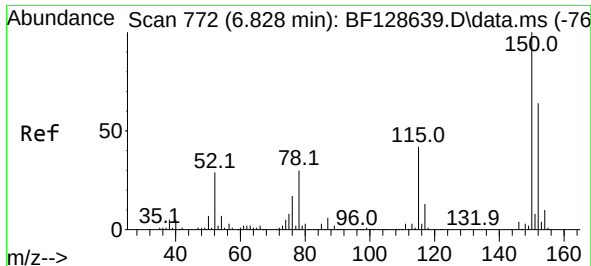
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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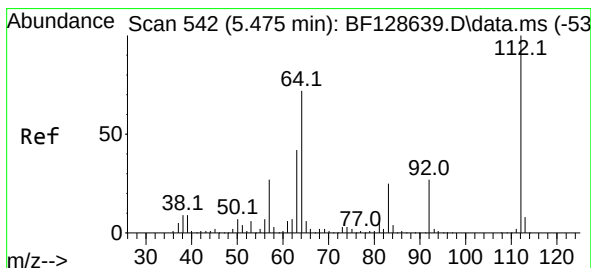
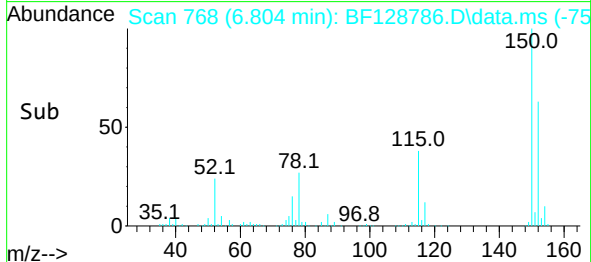
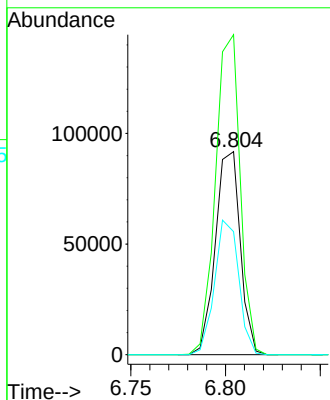
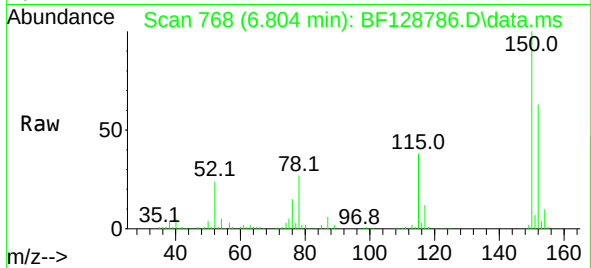




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

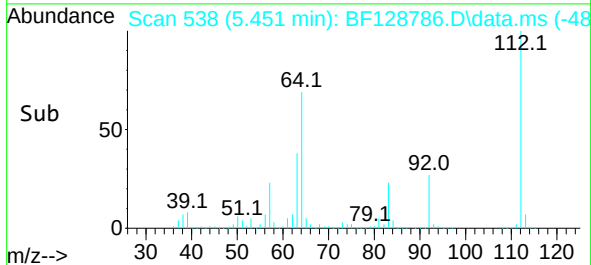
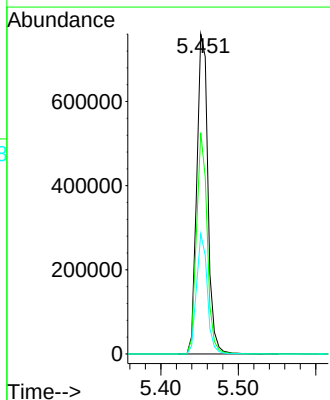
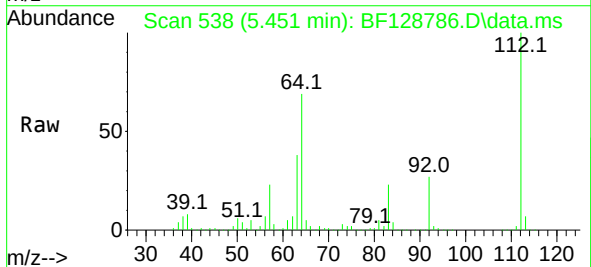
Instrument :
BNA_F
ClientSampleId :
B-214(29-30)

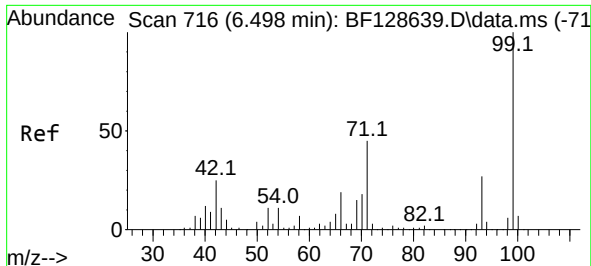
Tgt Ion:152 Resp: 84038
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 60.6 49.9 74.9



#5
2-Fluorophenol
Concen: 143.506 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

Tgt Ion:112 Resp: 757142
Ion Ratio Lower Upper
112 100
64 69.1 53.3 79.9
63 37.6 28.0 42.0

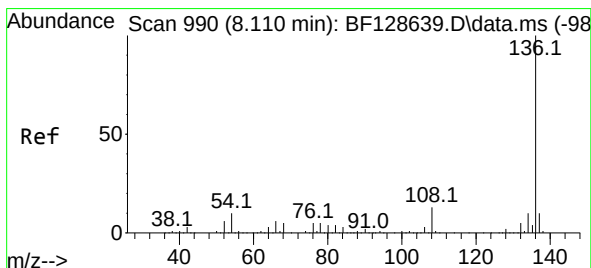
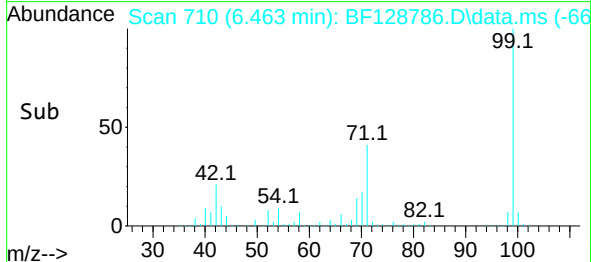
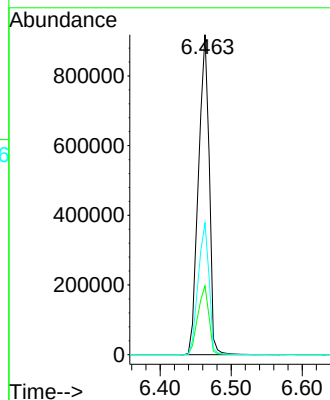
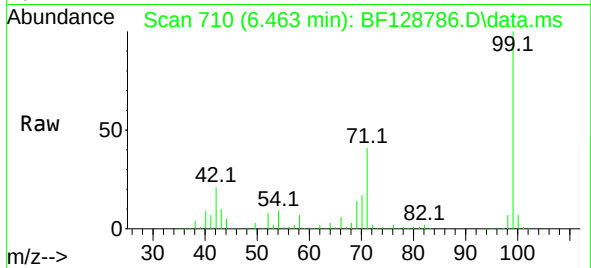




#7
Phenol-d6
Concen: 150.317 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

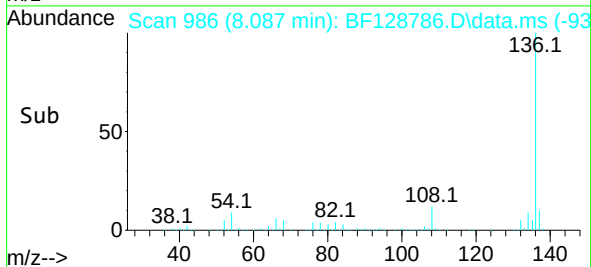
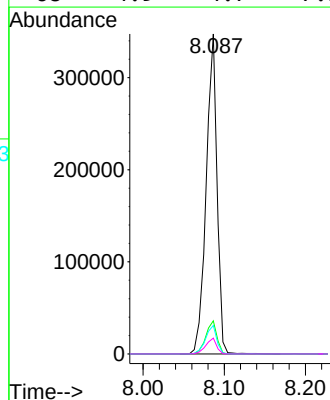
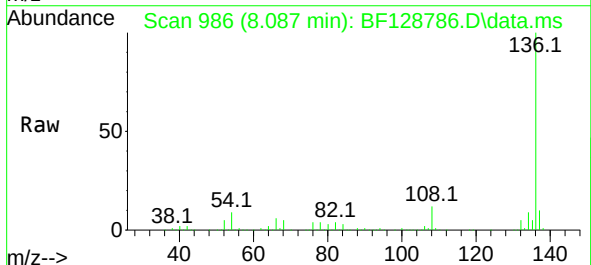
Instrument :
BNA_F
ClientSampleId :
B-214(29-30)

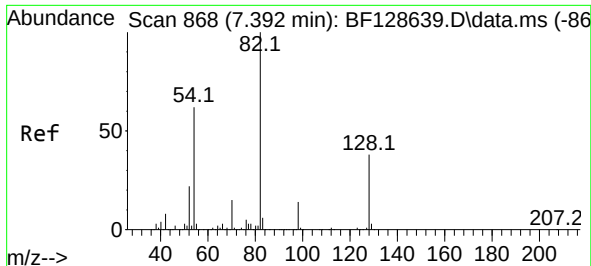
Tgt Ion: 99 Resp: 968084
Ion Ratio Lower Upper
99 100
42 21.5 17.3 25.9
71 41.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

Tgt Ion: 136 Resp: 321793
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.9 7.5 11.3
68 4.9 4.7 7.1

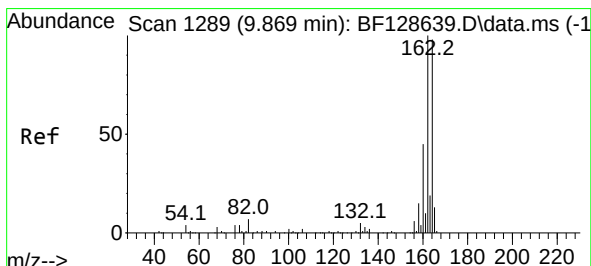
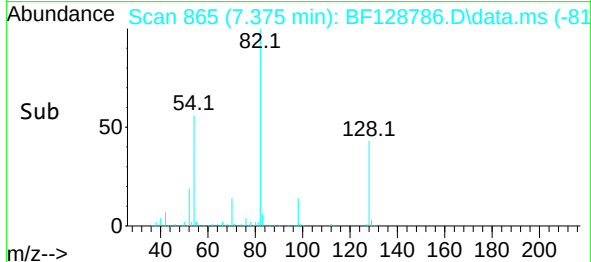
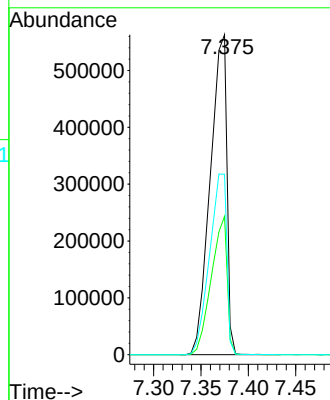
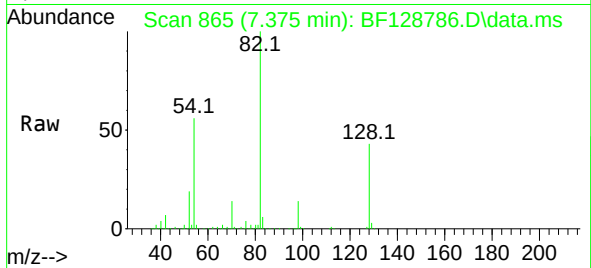




#23
Nitrobenzene-d5
Concen: 99.147 ng
RT: 7.375 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

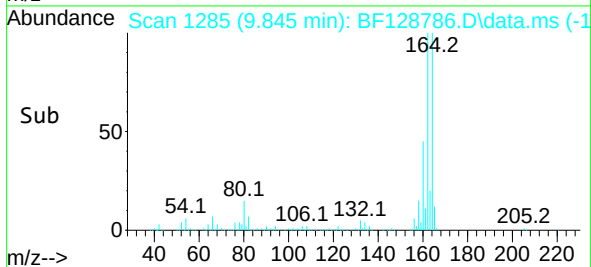
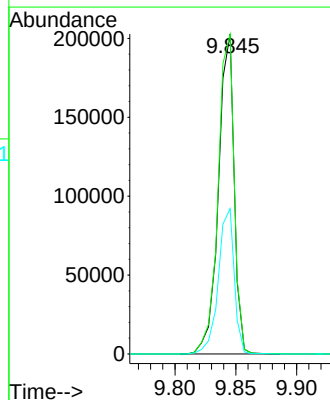
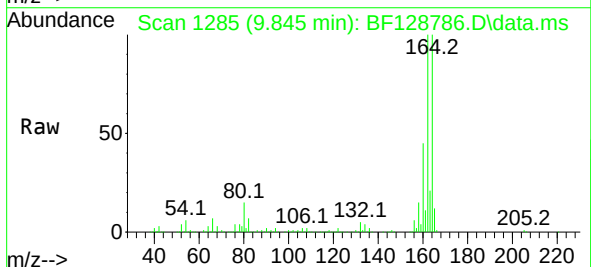
Instrument :
BNA_F
ClientSampleId :
B-214(29-30)

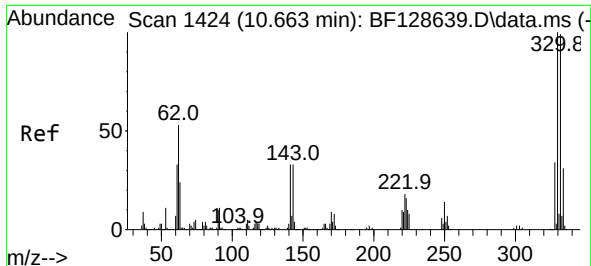
Tgt Ion: 82 Resp: 685260
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 56.4 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

Tgt Ion: 164 Resp: 182199
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 153.730 ng

RT: 10.639 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128786.D

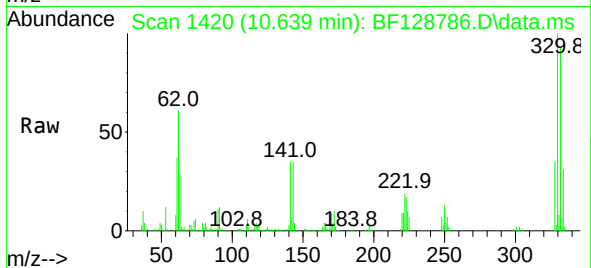
Acq: 13 Jun 2022 16:11

Instrument :

BNA_F

ClientSampleId :

B-214(29-30)



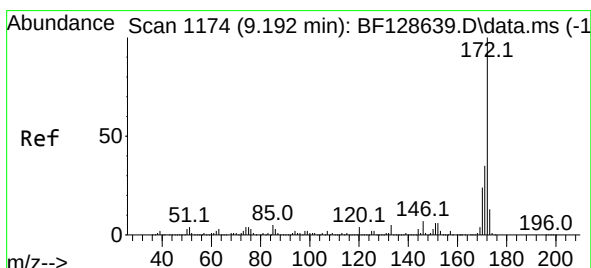
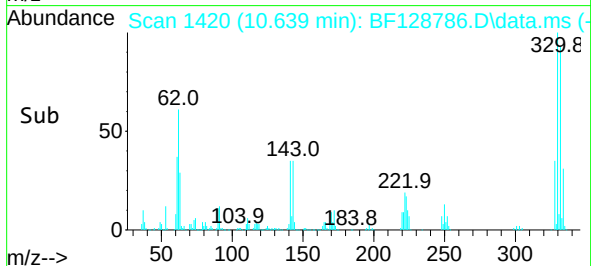
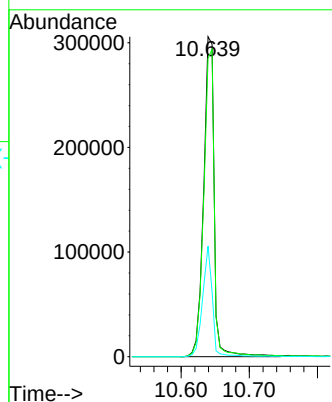
Tgt Ion:330 Resp: 330945

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 31.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 104.300 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF128786.D

Acq: 13 Jun 2022 16:11

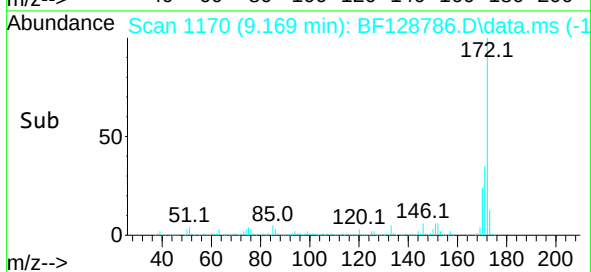
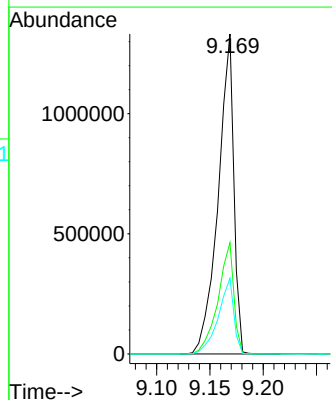
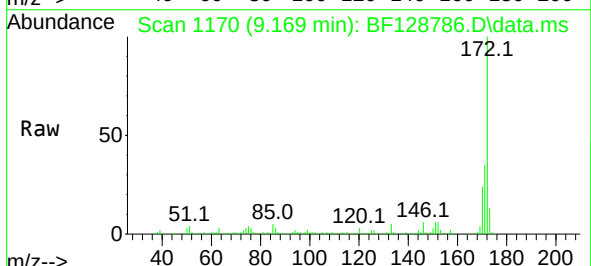
Tgt Ion:172 Resp: 1356613

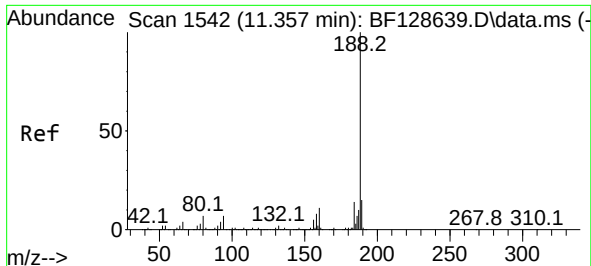
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.6 19.8 29.8

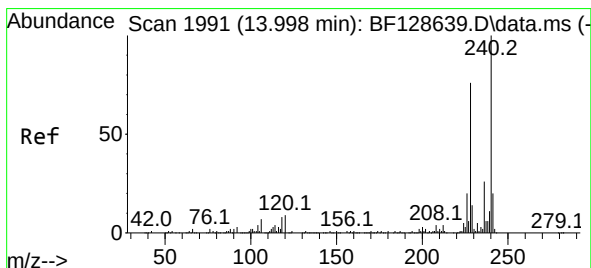
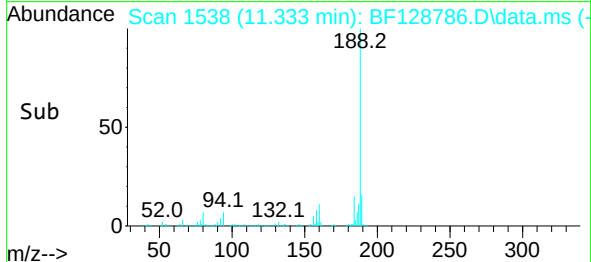
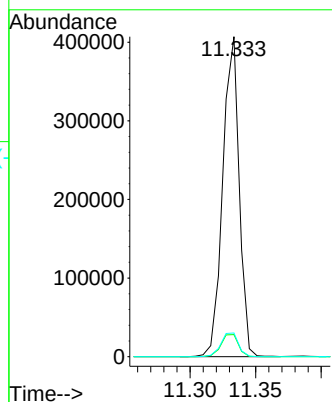
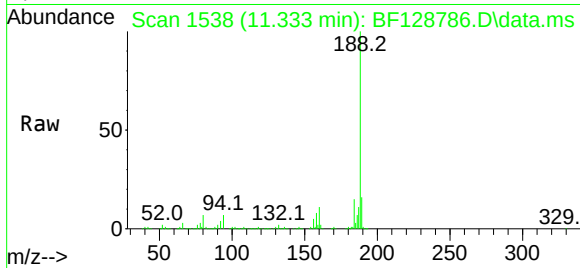




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

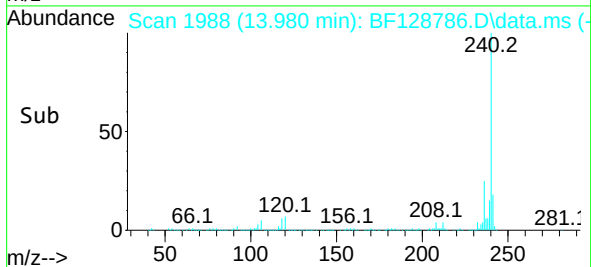
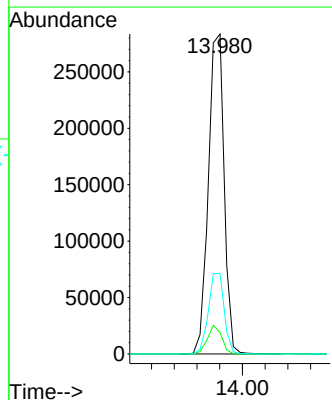
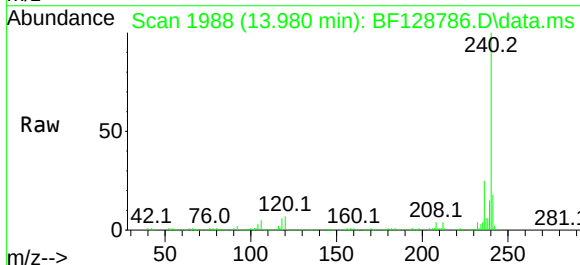
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B-214(29-30)

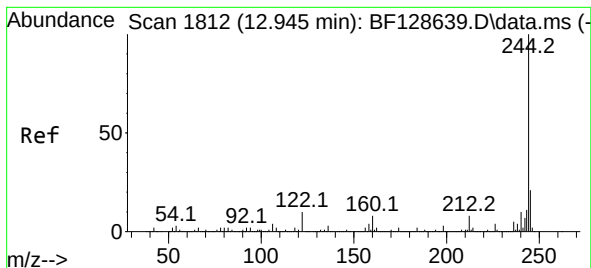
Tgt Ion:188 Resp: 354042
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 7.4 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

Tgt Ion:240 Resp: 273332
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 25.2 20.8 31.2





#79

Terphenyl-d14

Concen: 105.049 ng

RT: 12.927 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128786.D

Acq: 13 Jun 2022 16:11

Instrument :

BNA_F

ClientSampleId :

B-214(29-30)

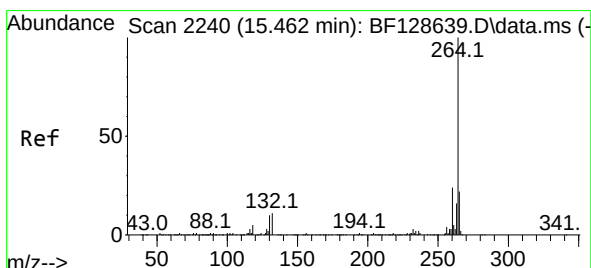
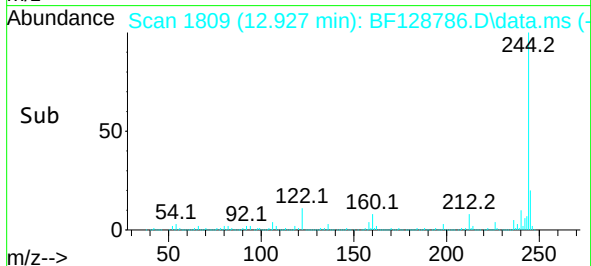
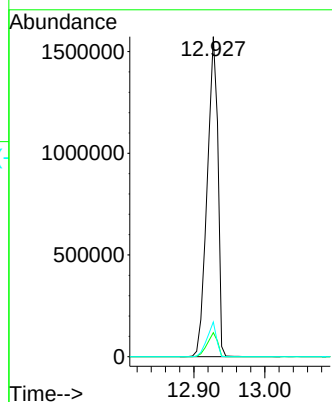
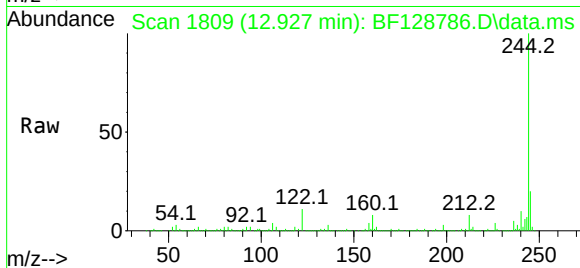
Tgt Ion:244 Resp: 1652427

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 10.8 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2236

Delta R.T. -0.006 min

Lab File: BF128786.D

Acq: 13 Jun 2022 16:11

Tgt Ion:264 Resp: 196957

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.3 17.2 25.8

