

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129718.D
 Acq On : 11 Aug 2022 16:41
 Operator : CG\JU
 Sample : PB146619BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146619BL

Quant Time: Aug 11 23:59:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	216074	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	893209	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	490095	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	868764	20.000	ng	0.00
76) Chrysene-d12	14.010	240	599034	20.000	ng	-0.01
86) Perylene-d12	15.480	264	452422	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1643653	123.916	ng	0.01
7) Phenol-d6	6.492	99	2075184	124.469	ng	0.00
23) Nitrobenzene-d5	7.404	82	1398878	85.493	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	630060	133.717	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	2577991	81.372	ng	0.00
79) Terphenyl-d14	12.957	244	2997699	94.409	ng	0.00

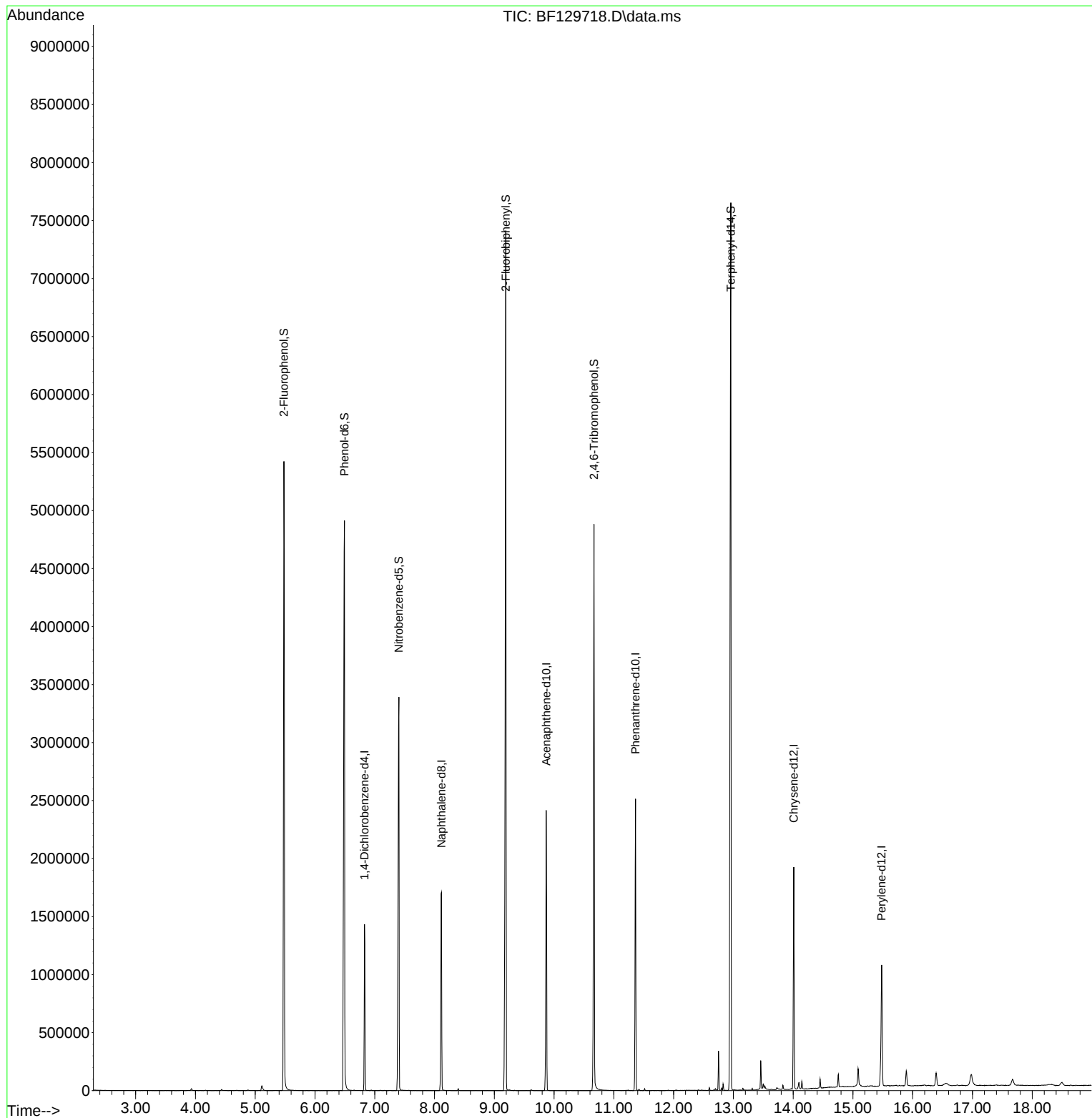
Target Compounds	Qvalue

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

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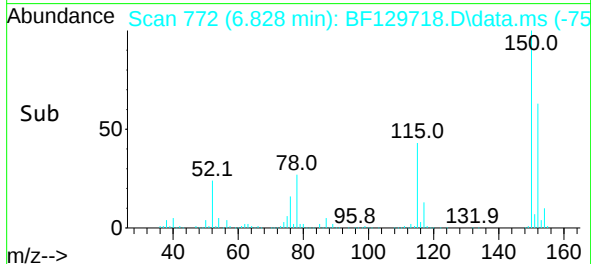
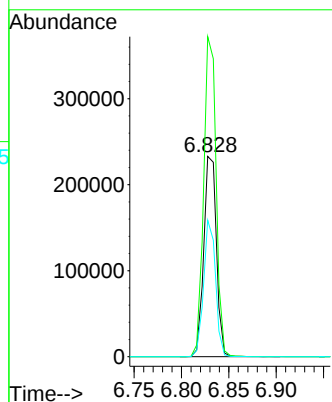
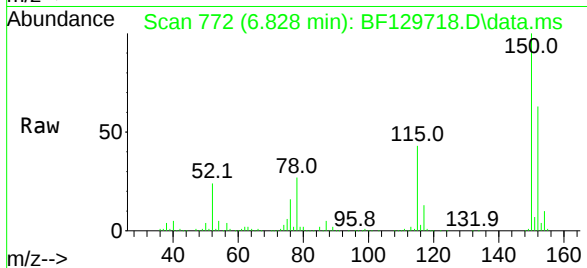




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

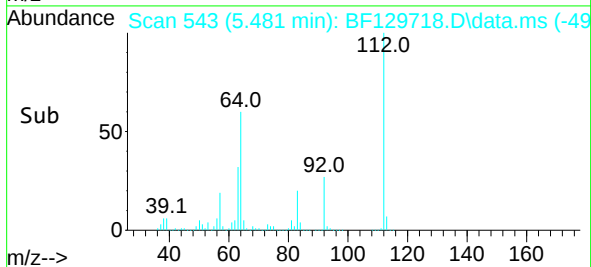
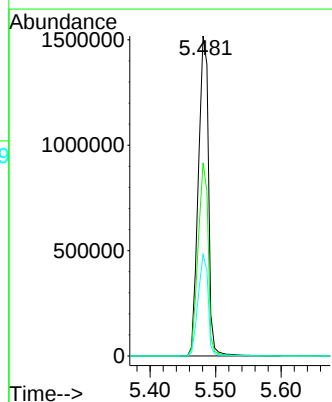
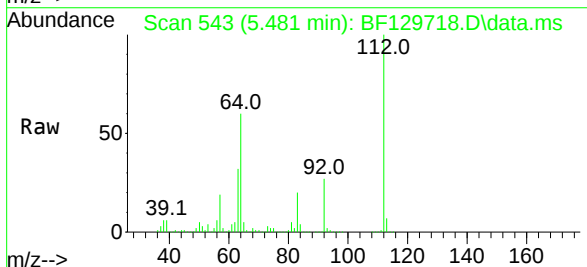
Instrument :
BNA_F
ClientSampleId :
PB146619BL

Tgt Ion:152 Resp: 216074
Ion Ratio Lower Upper
152 100
150 159.8 123.7 185.5
115 68.2 49.9 74.9



#5
2-Fluorophenol
Concen: 123.916 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

Tgt Ion:112 Resp: 1643653
Ion Ratio Lower Upper
112 100
64 60.3 53.3 79.9
63 31.7 28.0 42.0

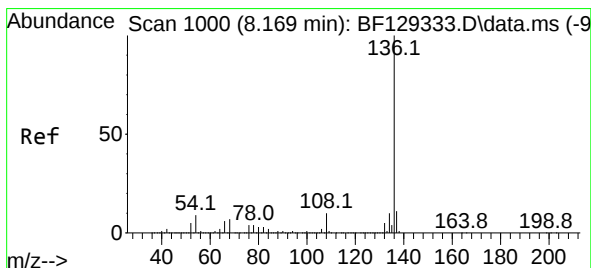
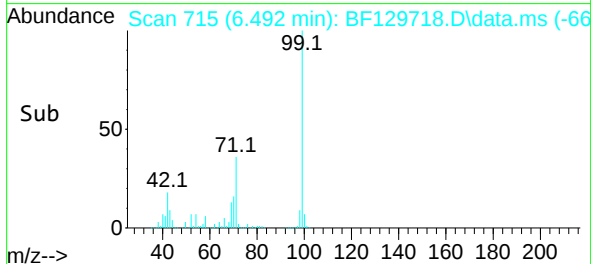
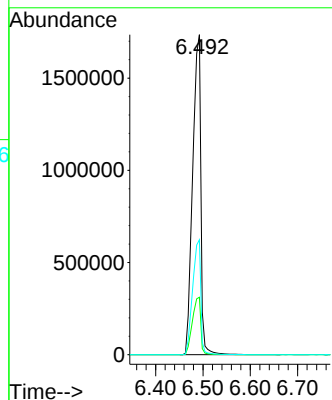
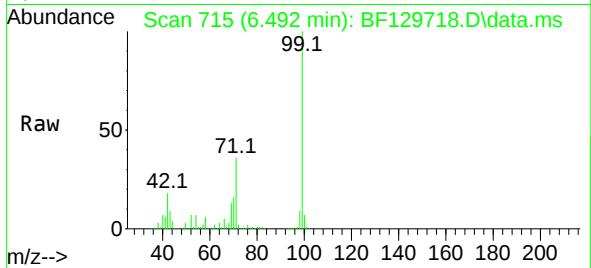




#7
Phenol-d6
Concen: 124.469 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

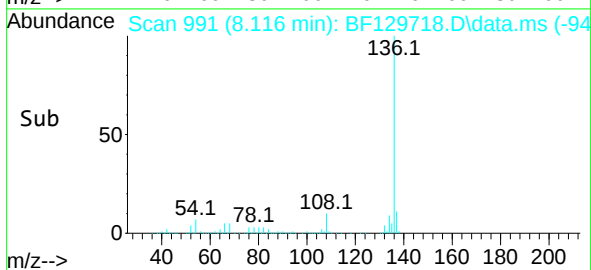
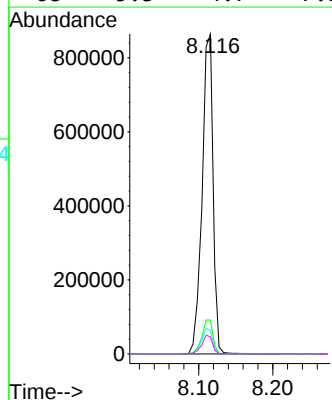
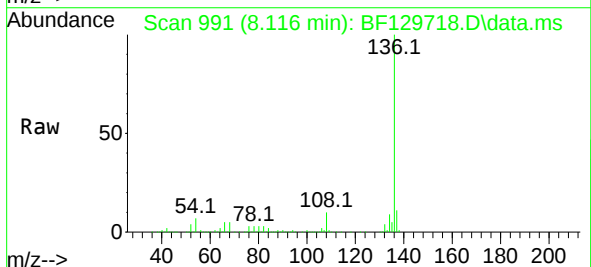
Instrument :
BNA_F
ClientSampleId :
PB146619BL

Tgt Ion: 99 Resp: 2075184
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 35.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

Tgt Ion: 136 Resp: 893209
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.2 7.5 11.3#
68 5.3 4.7 7.1

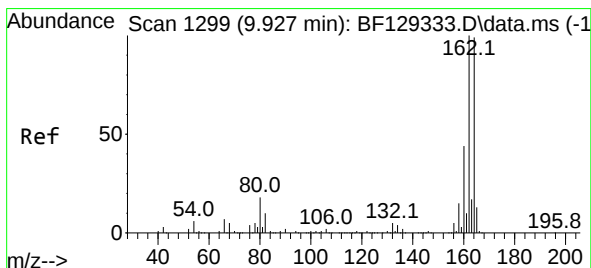
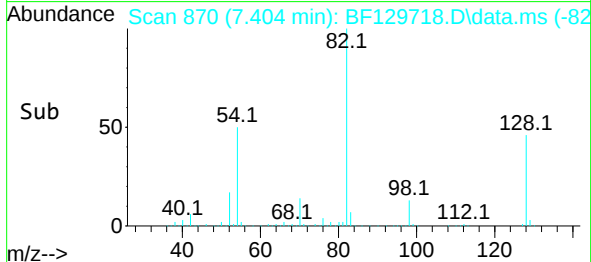
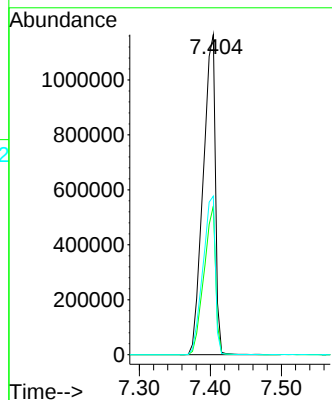
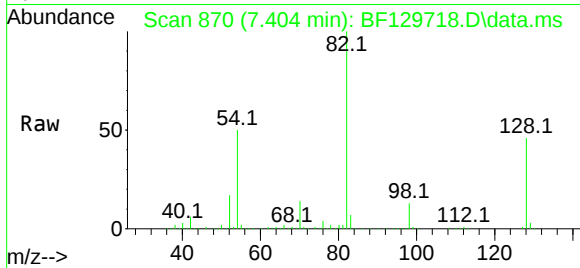




#23
Nitrobenzene-d5
Concen: 85.493 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

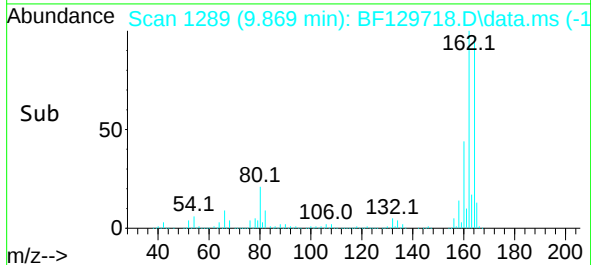
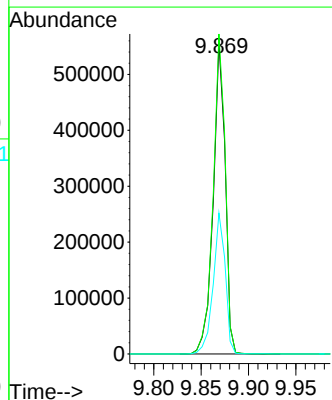
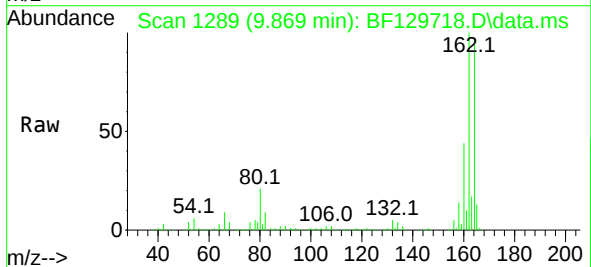
Instrument :
BNA_F
ClientSampleId :
PB146619BL

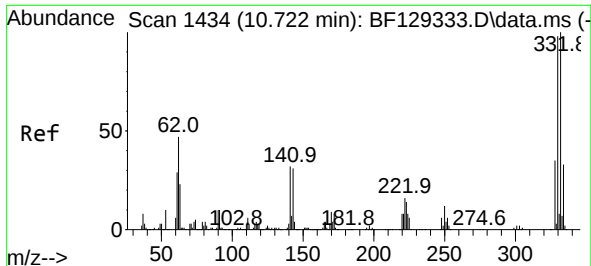
Tgt Ion: 82 Resp: 1398878
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 49.5 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

Tgt Ion: 164 Resp: 490095
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 45.4 34.2 51.4

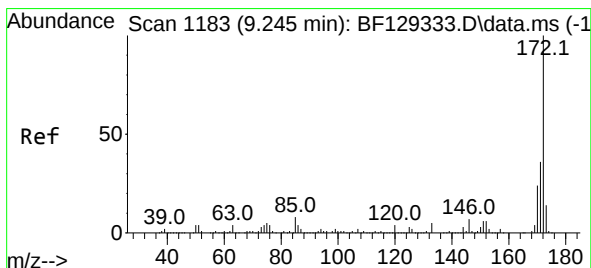
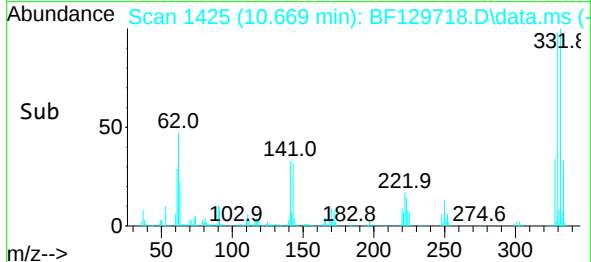
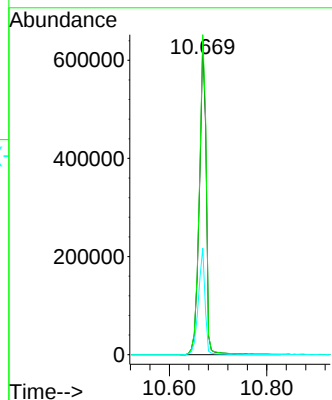
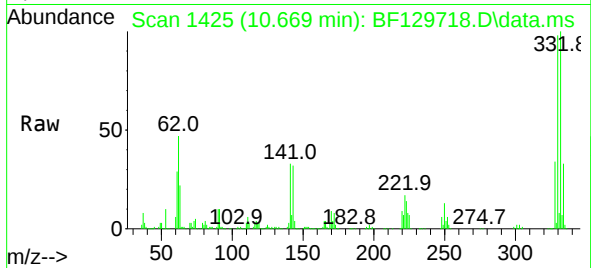




#42
2,4,6-Tribromophenol
Concen: 133.717 ng
RT: 10.669 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

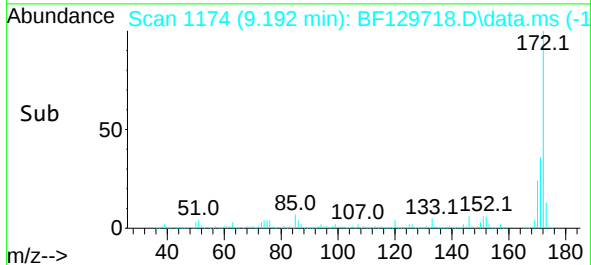
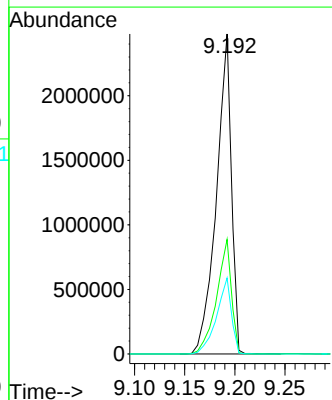
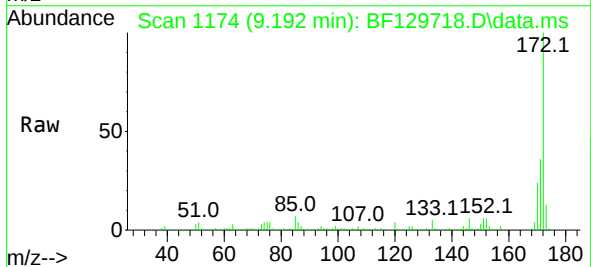
Instrument :
BNA_F
ClientSampleId :
PB146619BL

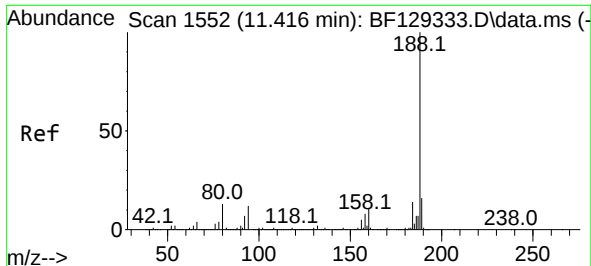
Tgt Ion:330 Resp: 630060
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 33.4 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.372 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

Tgt Ion:172 Resp: 2577991
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 19.8 29.8

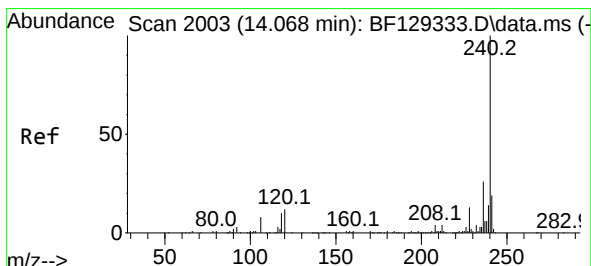
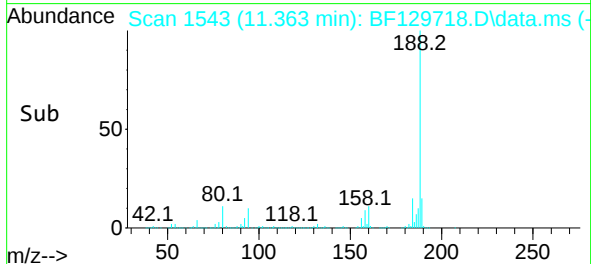
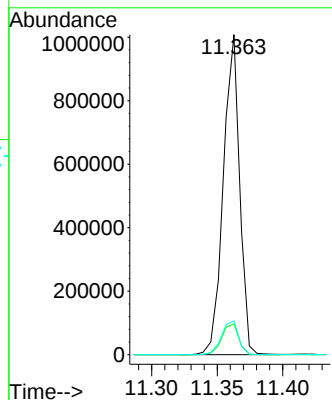
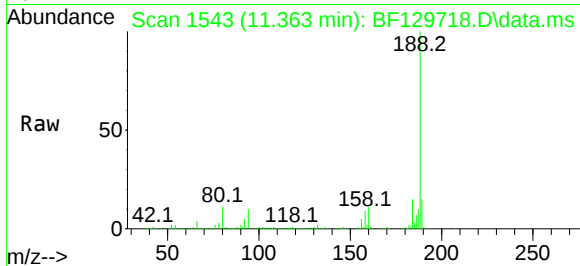




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

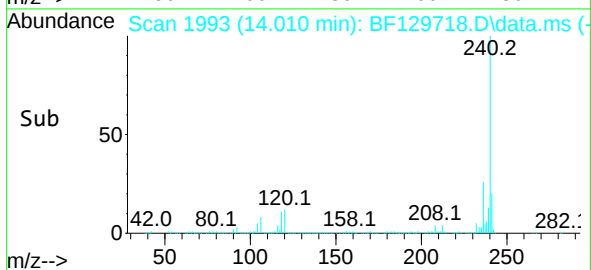
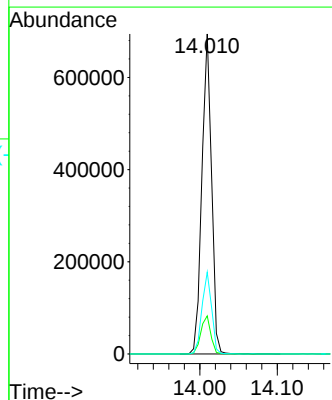
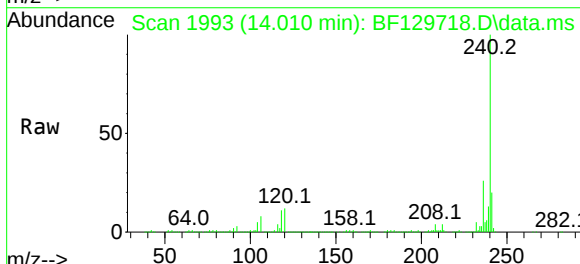
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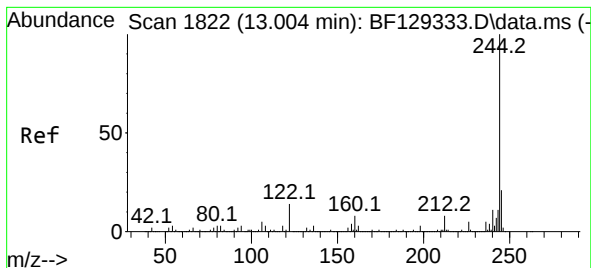
Tgt Ion:188 Resp: 868764
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129718.D
Acq: 11 Aug 2022 16:41

Tgt Ion:240 Resp: 599034
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.5 20.8 31.2





#79

Terphenyl-d14

Concen: 94.409 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129718.D

Acq: 11 Aug 2022 16:41

Instrument :

BNA_F

ClientSampleId :

PB146619BL

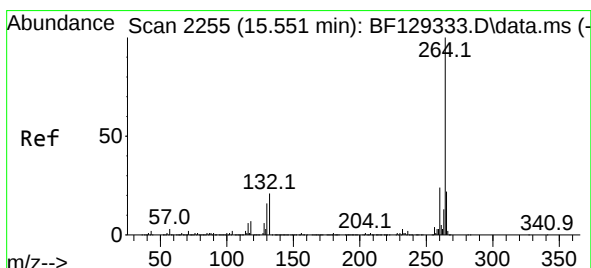
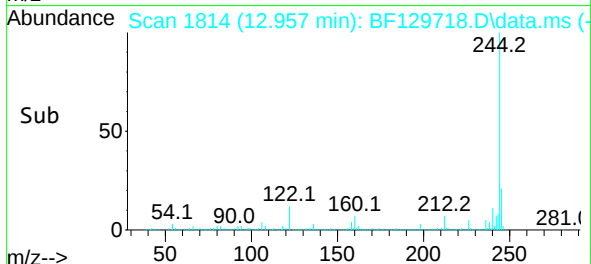
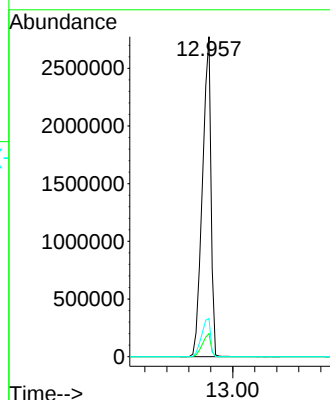
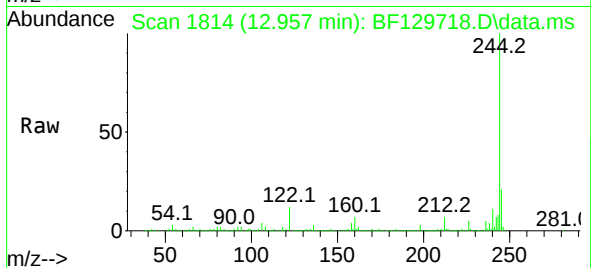
Tgt Ion:244 Resp: 2997699

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 11.9 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2243

Delta R.T. -0.012 min

Lab File: BF129718.D

Acq: 11 Aug 2022 16:41

Tgt Ion:264 Resp: 452422

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.5 17.2 25.8

