

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012722\
 Data File : BF126708.D
 Acq On : 27 Jan 2022 12:23
 Operator : CG/JU
 Sample : PB142264TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142264TB

Quant Time: Jan 28 04:40:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	201186	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	814229	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	454536	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	816516	20.000	ng	# 0.00
76) Chrysene-d12	14.139	240	665117	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	481905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1801685	117.843	ng	0.02
7) Phenol-d6	6.575	99	2428368	114.319	ng	0.00
23) Nitrobenzene-d5	7.516	82	1767283	84.956	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	560036	131.657	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2195758	73.983	ng	0.00
79) Terphenyl-d14	13.086	244	2759567	69.590	ng	0.00

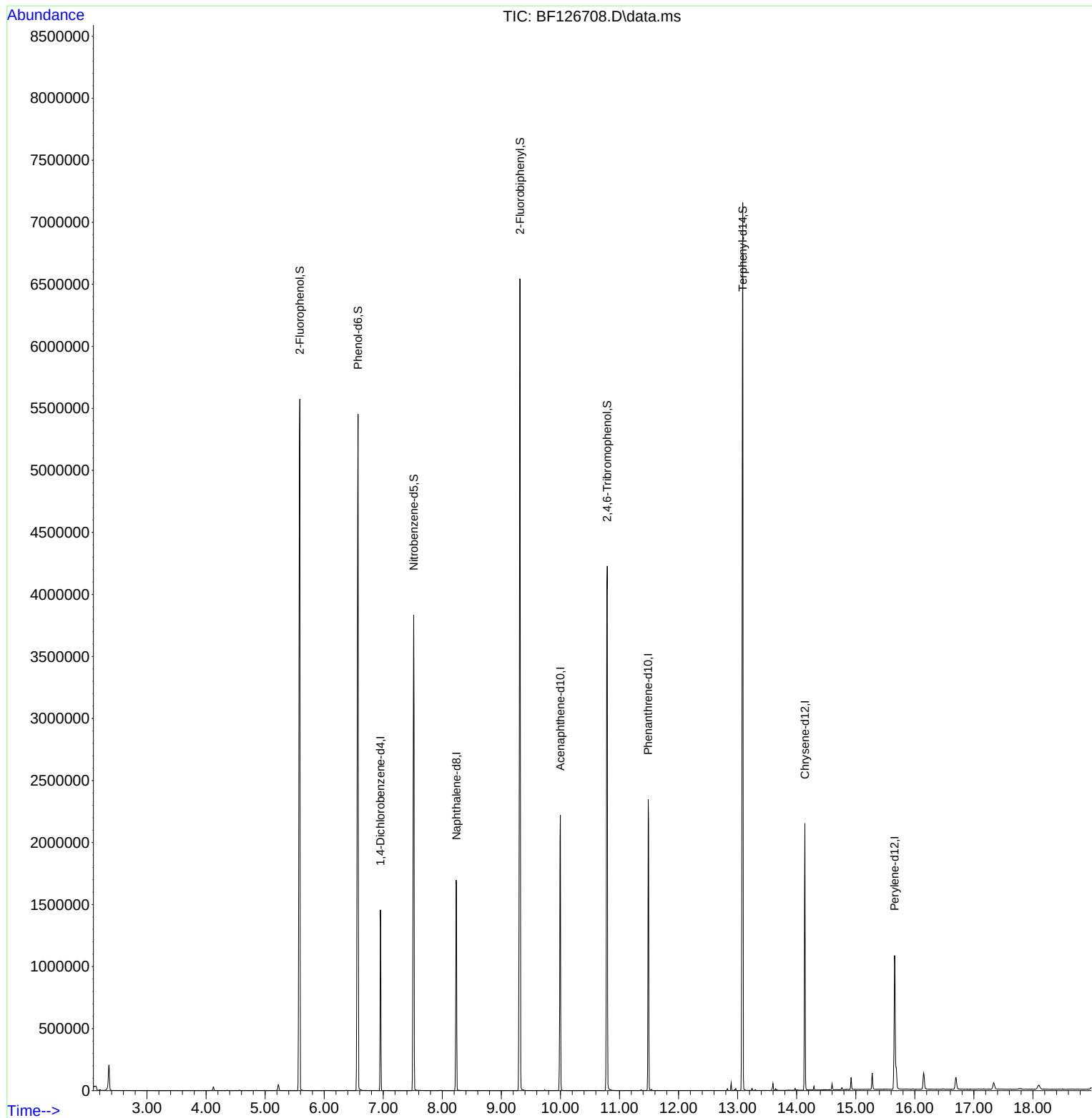
Target Compounds	Qvalue

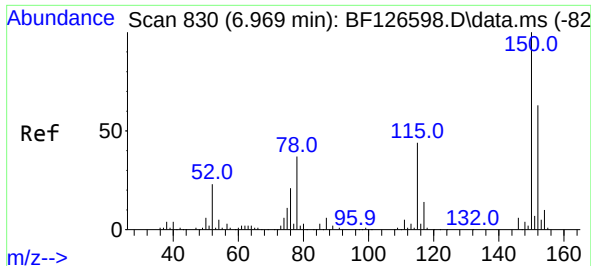
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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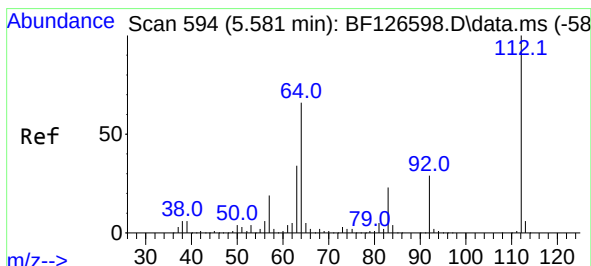
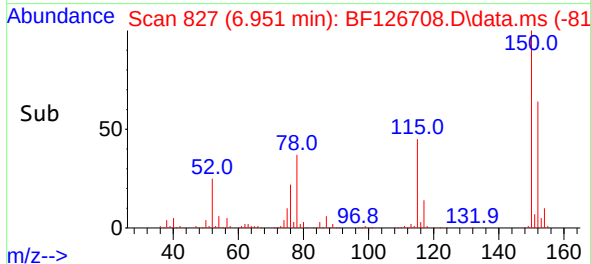
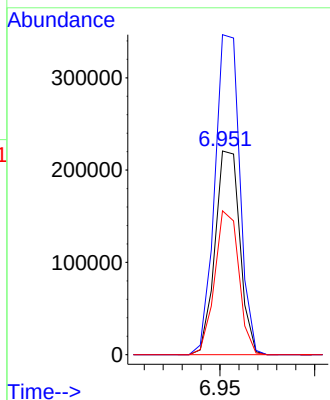
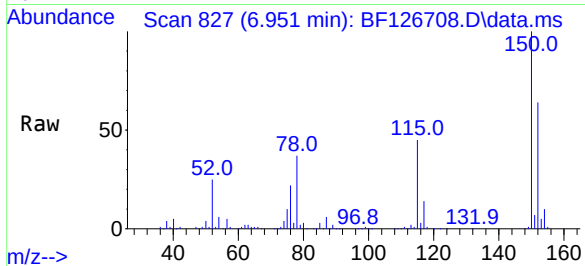




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

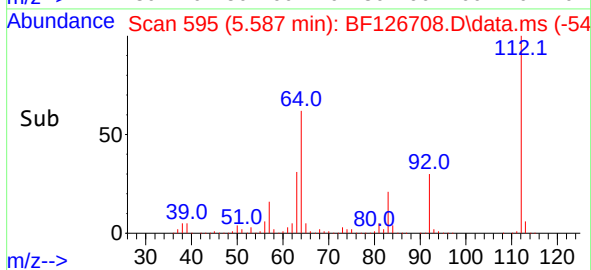
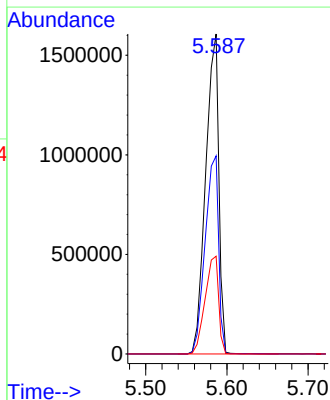
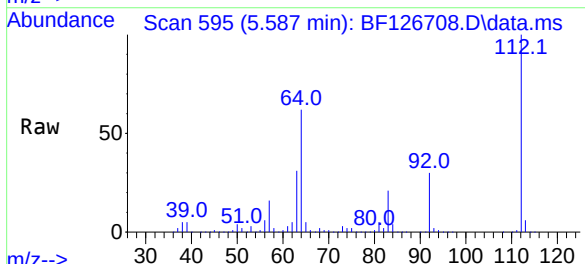
Instrument :
BNA_F
ClientSampleId :
PB142264TB

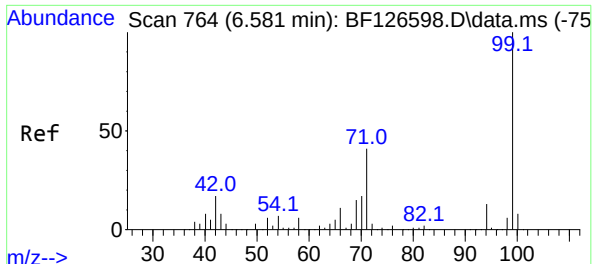
Tgt Ion:152 Resp: 201186
Ion Ratio Lower Upper
152 100
150 157.1 128.1 192.1
115 70.6 56.7 85.1



#5
2-Fluorophenol
Concen: 117.843 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

Tgt Ion:112 Resp: 1801685
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 30.6 23.9 35.9

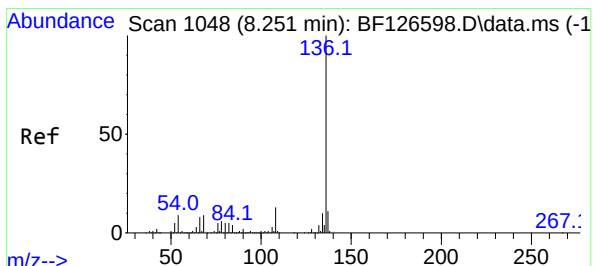
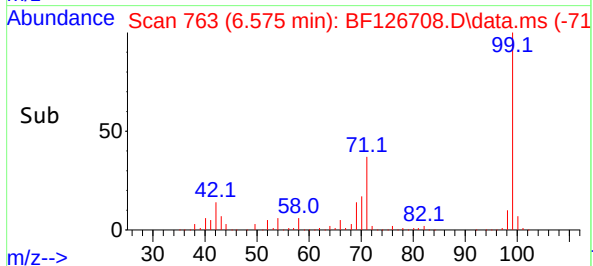
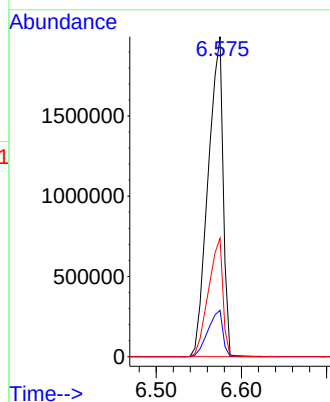
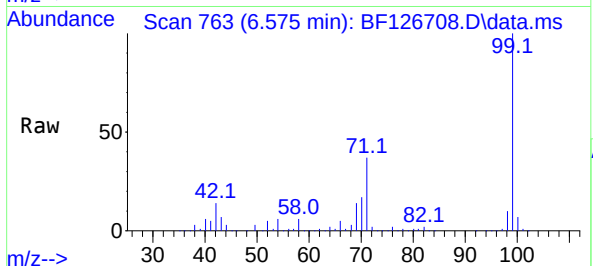




#7
Phenol-d6
Concen: 114.319 ng
RT: 6.575 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

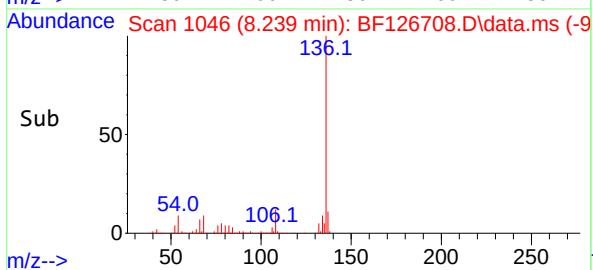
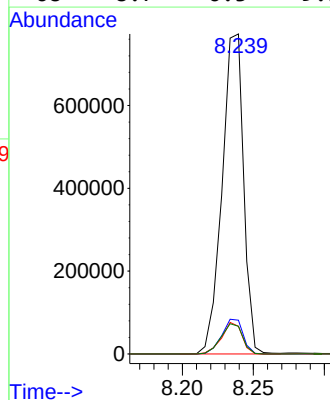
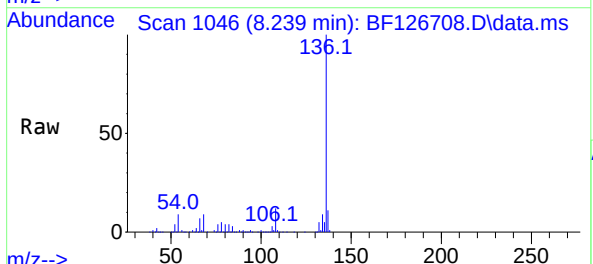
Instrument :
BNA_F
ClientSampleId :
PB142264TB

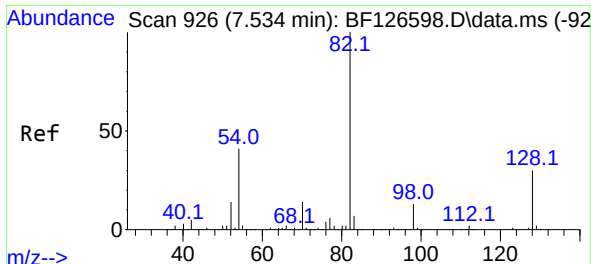
Tgt Ion: 99 Resp: 2428368
Ion Ratio Lower Upper
99 100
42 14.5 14.2 21.4
71 37.0 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

Tgt Ion:136 Resp: 814229
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.7 7.8 11.6
68 8.7 6.3 9.5

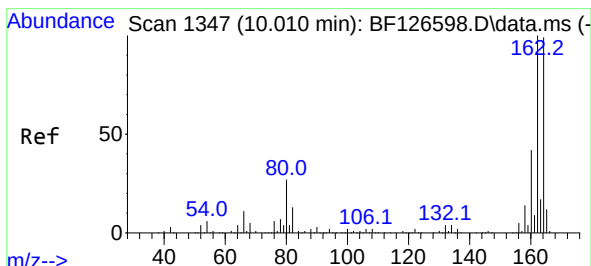
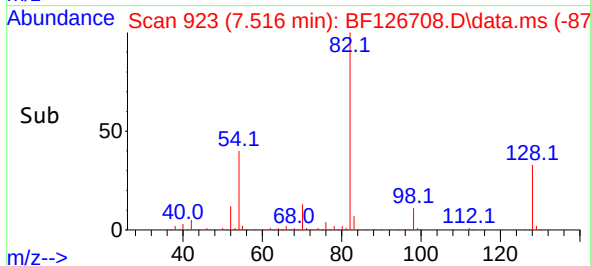
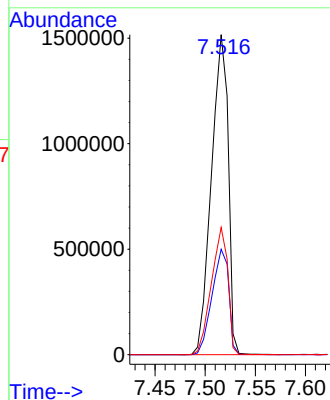
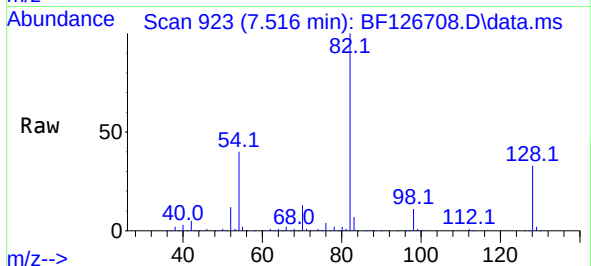




#23
Nitrobenzene-d5
Concen: 84.956 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

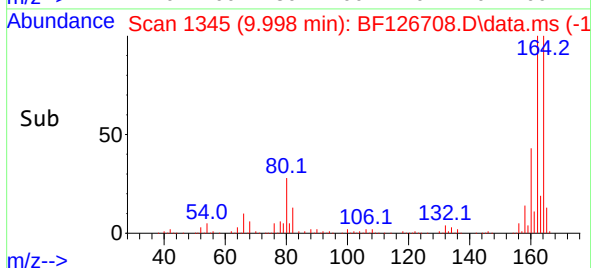
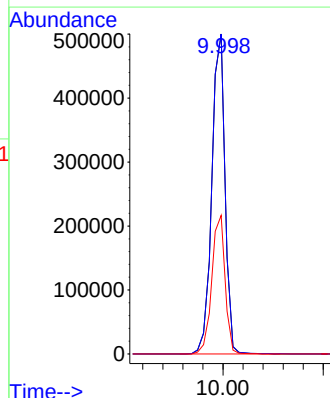
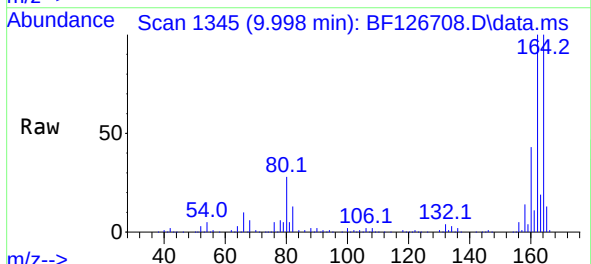
Instrument :
BNA_F
ClientSampleId :
PB142264TB

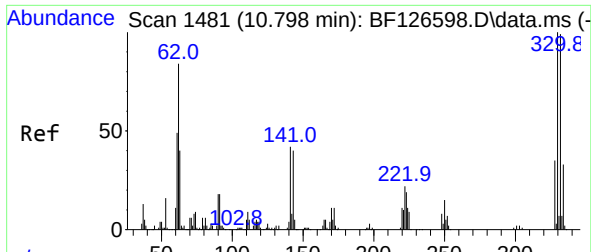
Tgt Ion: 82 Resp: 1767283
Ion Ratio Lower Upper
82 100
128 33.0 32.7 49.1
54 39.8 41.7 62.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

Tgt Ion:164 Resp: 454536
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 43.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 131.657 ng

RT: 10.792 min Scan# 1481

Delta R.T. 0.000 min

Lab File: BF126708.D

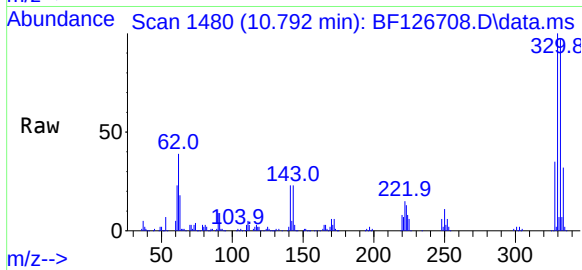
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Instrument :

BNA_F

ClientSampleId :

PB142264TB



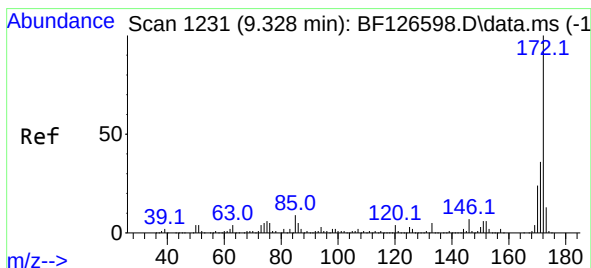
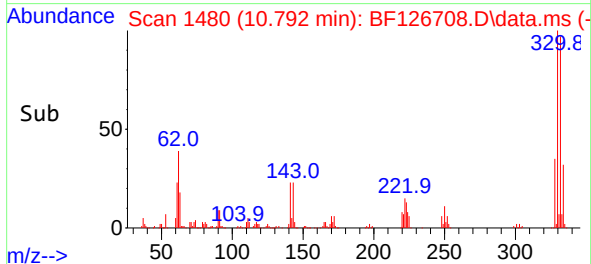
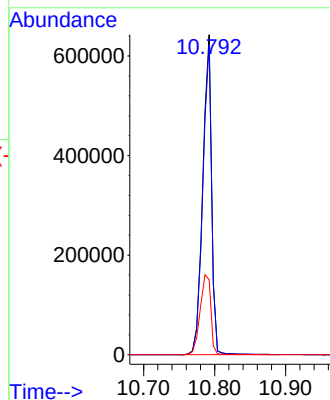
Tgt Ion:330 Resp: 560036

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 30.1 30.1 45.1#



#45

2-Fluorobiphenyl

Concen: 73.983 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF126708.D

Acq: 27 Jan 2022 12:23

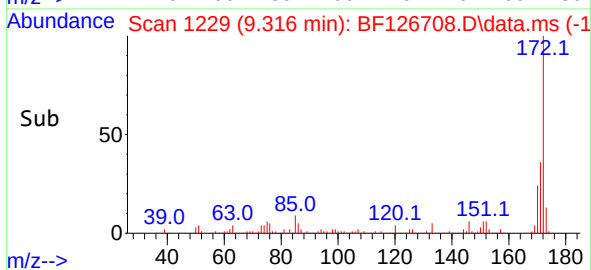
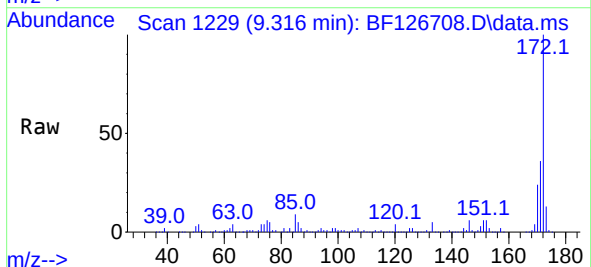
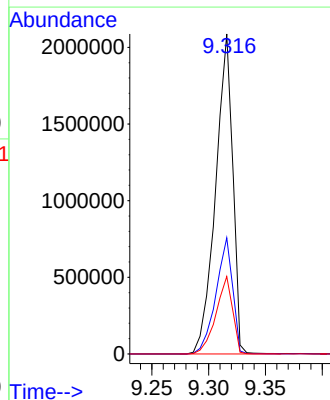
Tgt Ion:172 Resp: 2195758

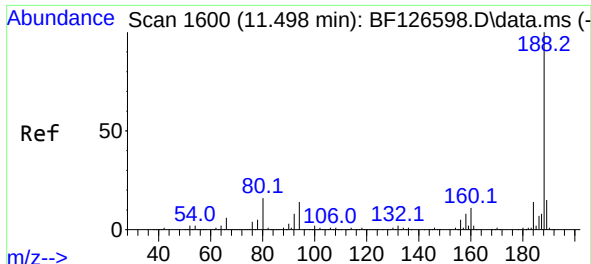
Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 24.2 19.0 28.6

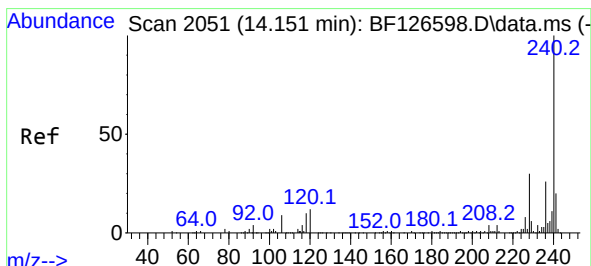
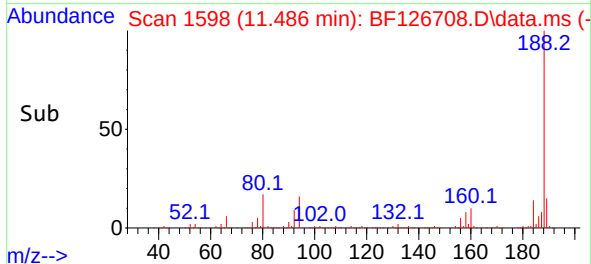
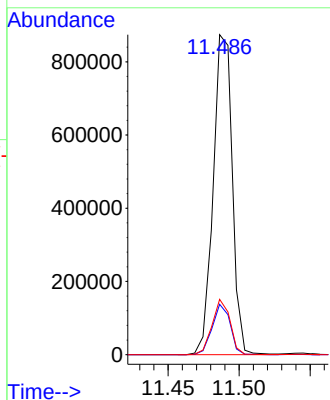
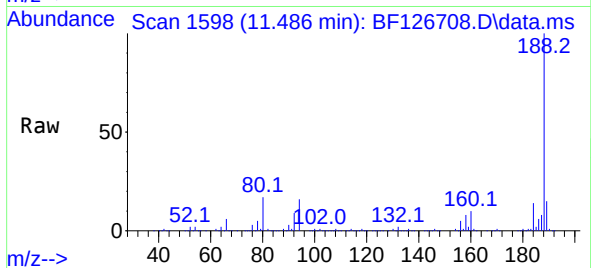




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

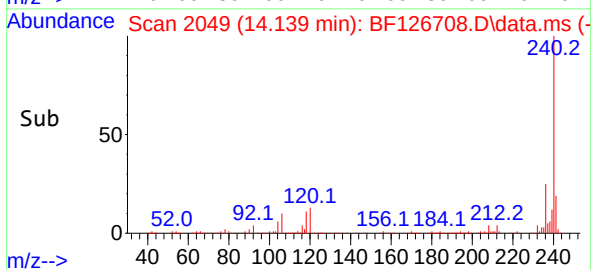
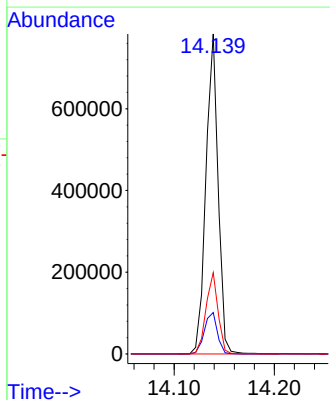
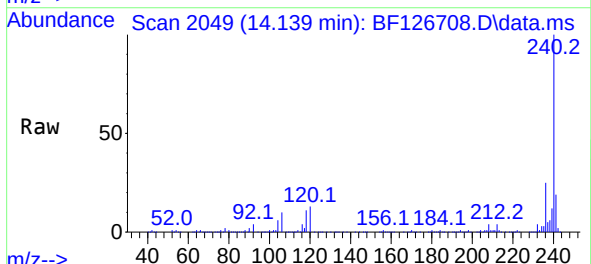
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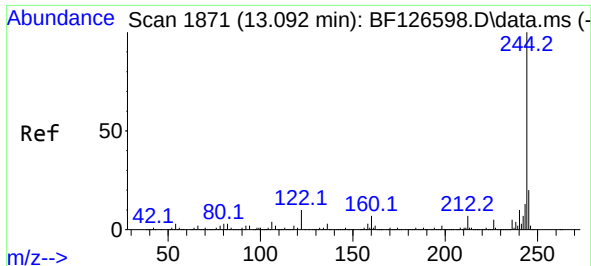
Tgt Ion:188 Resp: 816516
Ion Ratio Lower Upper
188 100
94 15.8 10.1 15.1#
80 17.3 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126708.D
Acq: 27 Jan 2022 12:23

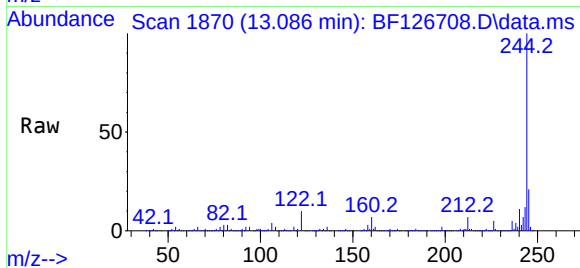
Tgt Ion:240 Resp: 665117
Ion Ratio Lower Upper
240 100
120 12.9 14.4 21.6#
236 25.4 20.5 30.7



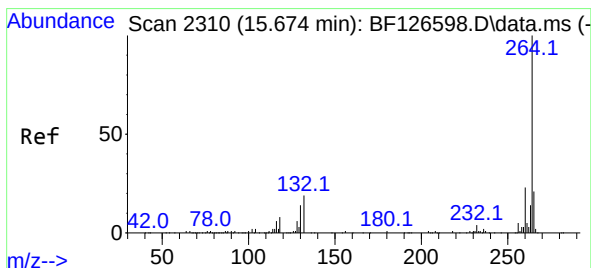
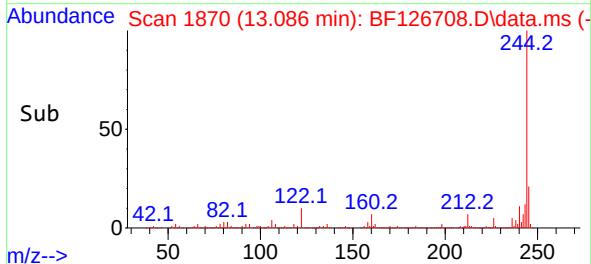
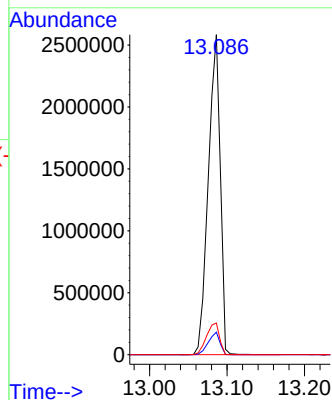


#79
 Terphenyl-d14
 Concen: 69.590 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126708.D
 Acq: 27 Jan 2022 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB142264TB



Tgt Ion:244 Resp: 2759567
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 9.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126708.D
 Acq: 27 Jan 2022 12:23

Tgt Ion:264 Resp: 481905
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.8 17.4 26.2

