

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
 Data File : BF126204.D
 Acq On : 15 Dec 2021 21:36
 Operator : JU/CG
 Sample : PB141443BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141443BL

Quant Time: Dec 16 12:35:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	235570	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	1036599	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	501424	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	796753	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	471742	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	361472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2179708	136.263	ng	0.02
7) Phenol-d6	6.440	99	2758887	135.830	ng	0.00
23) Nitrobenzene-d5	7.375	82	1856767	97.010	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	583552	144.814	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2455243	85.879	ng	0.00
79) Terphenyl-d14	12.927	244	2260250	83.278	ng	0.00

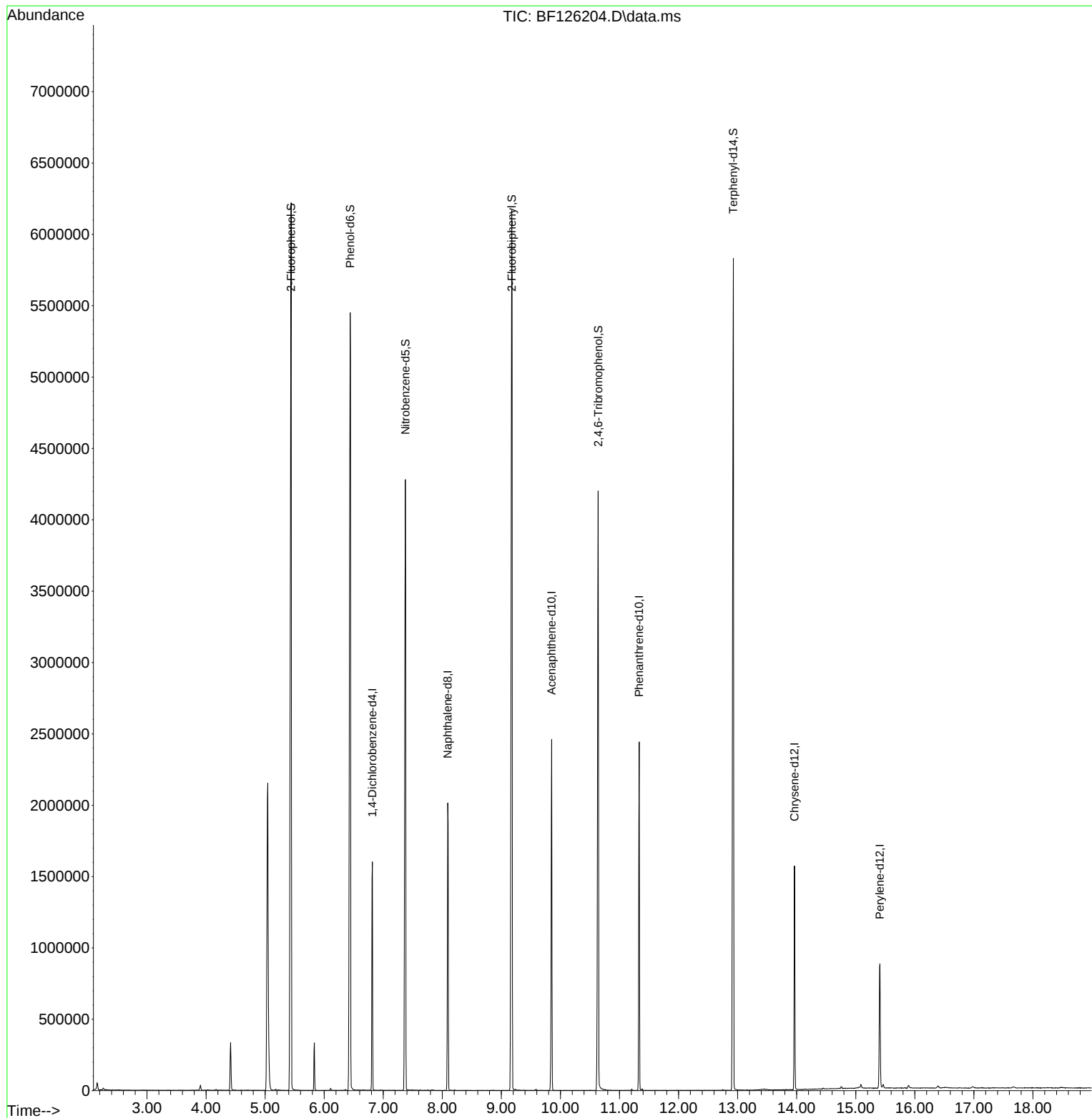
Target Compounds	Qvalue

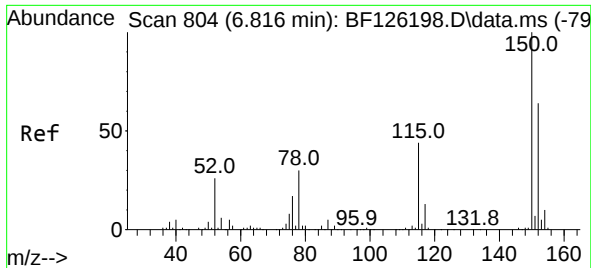
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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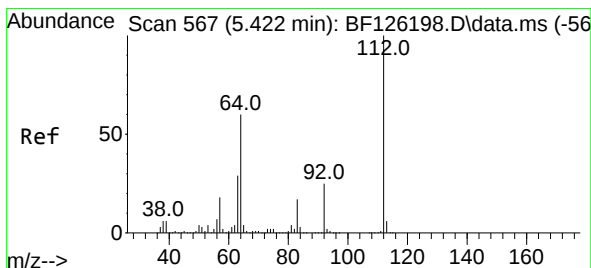
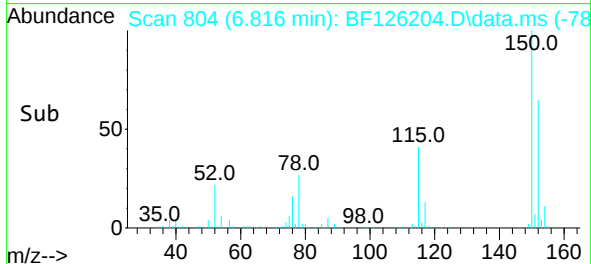
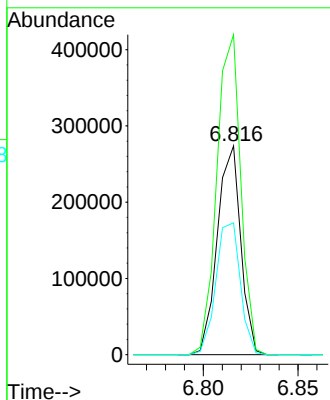
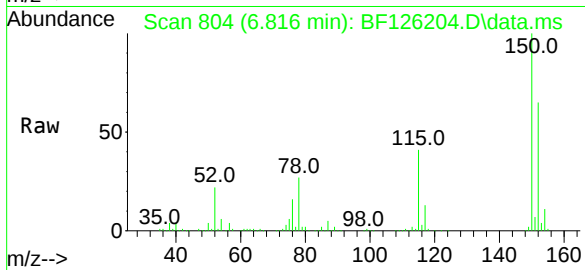




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126204.D
 Acq: 15 Dec 2021 21:36

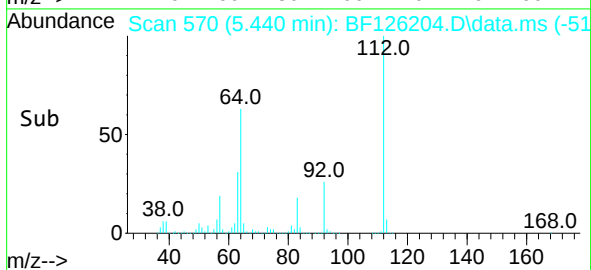
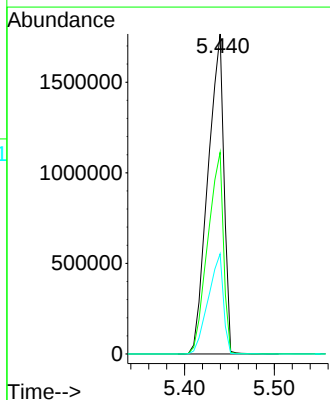
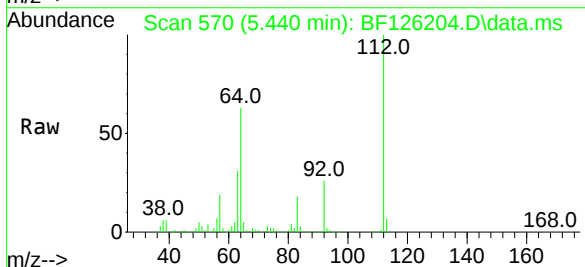
Instrument :
 BNA_F
 ClientSampleId :
 PB141443BL

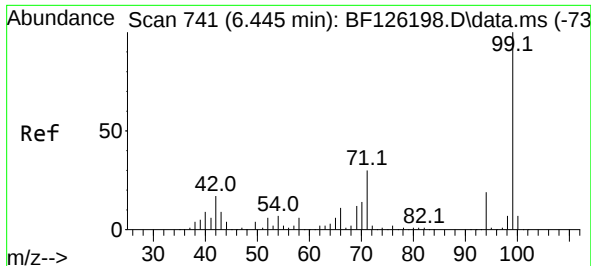
Tgt Ion:152 Resp: 235570
 Ion Ratio Lower Upper
 152 100
 150 153.3 117.6 176.4
 115 63.2 47.1 70.7



#5
 2-Fluorophenol
 Concen: 136.263 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.018 min
 Lab File: BF126204.D
 Acq: 15 Dec 2021 21:36

Tgt Ion:112 Resp: 2179708
 Ion Ratio Lower Upper
 112 100
 64 63.0 44.2 66.2
 63 31.3 26.2 39.2

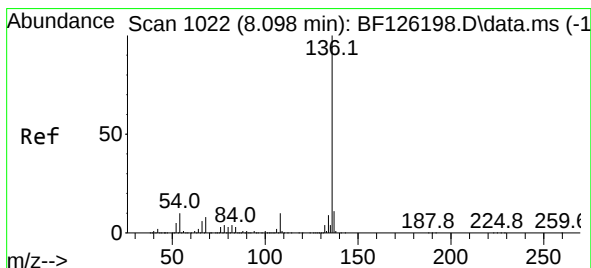
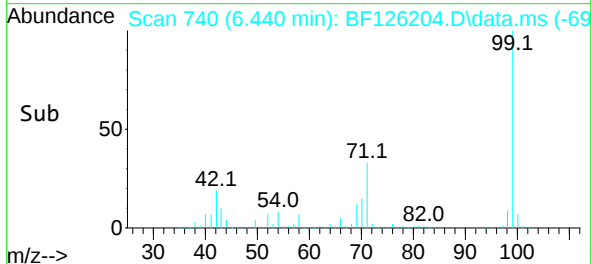
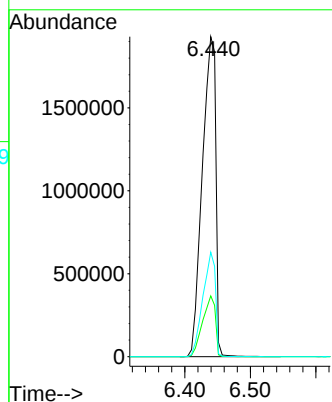
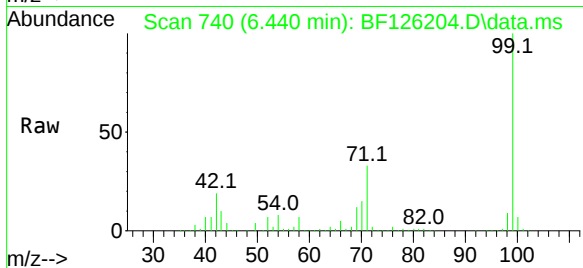




#7
Phenol-d6
Concen: 135.830 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

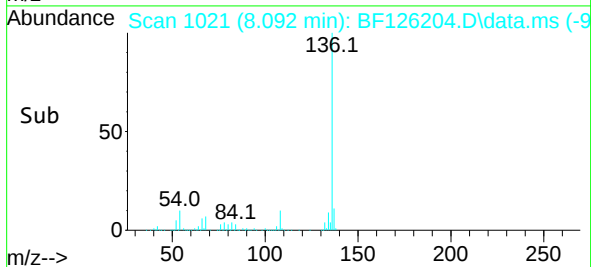
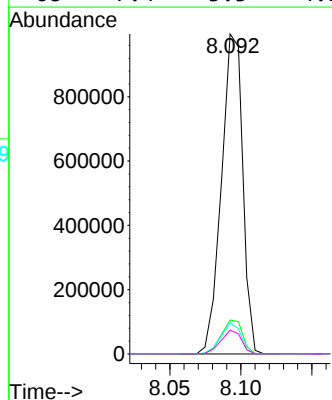
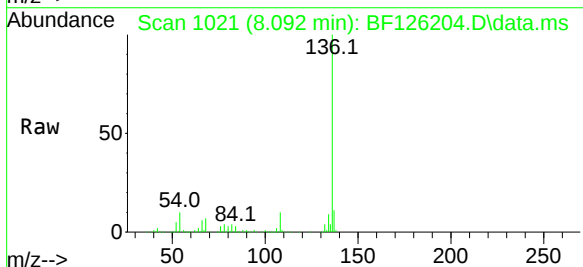
Instrument :
BNA_F
ClientSampleId :
PB141443BL

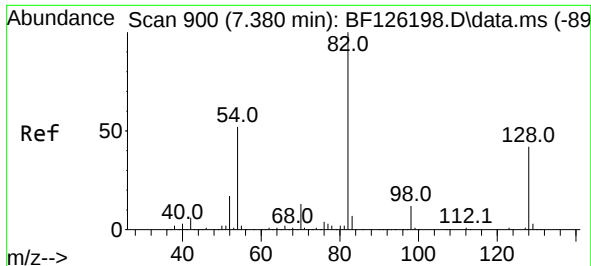
Tgt Ion: 99 Resp: 2758887
Ion Ratio Lower Upper
99 100
42 19.0 23.5 35.3#
71 32.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

Tgt Ion: 136 Resp: 1036599
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.8 6.4 9.6#
68 7.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 97.010 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126204.D

Acq: 15 Dec 2021 21:36

Instrument :

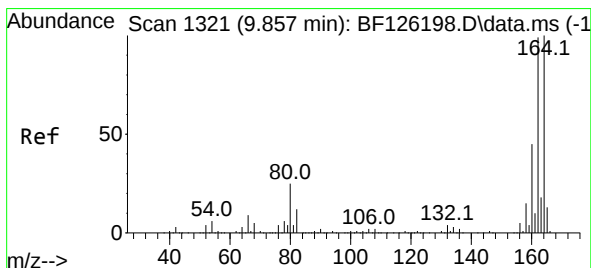
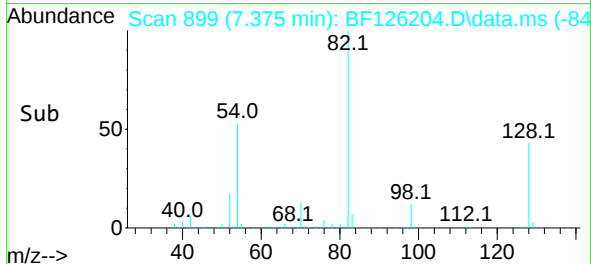
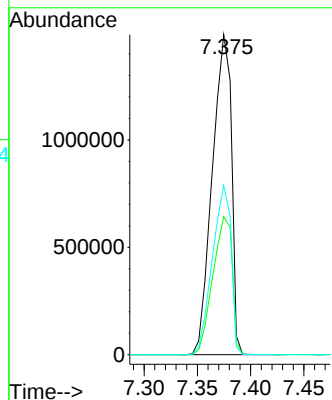
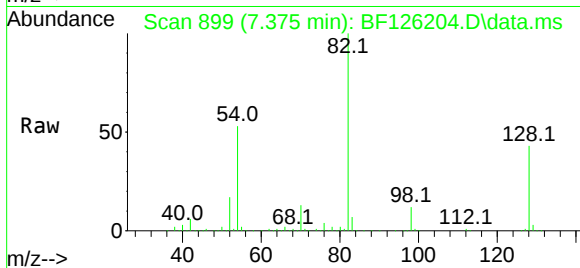
BNA_F

ClientSampleId :

PB141443BL

Tgt Ion: 82 Resp: 1856767

Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.6	60.8
54	52.9	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

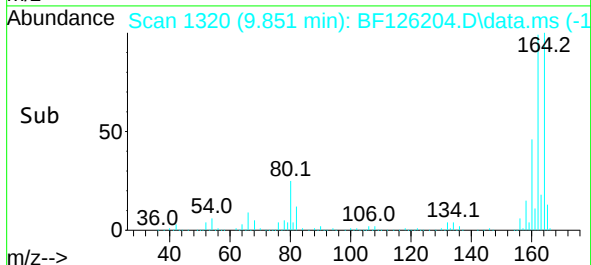
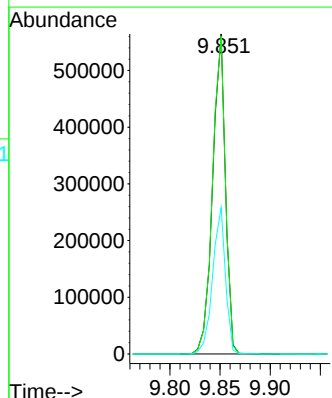
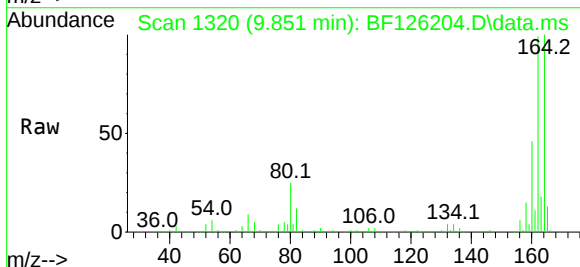
Delta R.T. -0.006 min

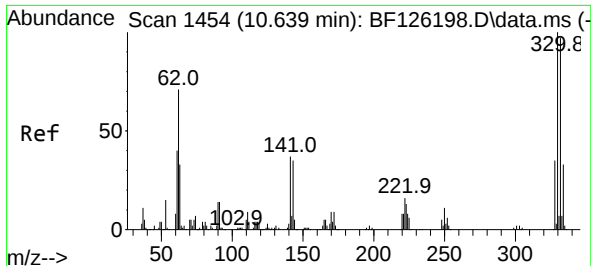
Lab File: BF126204.D

Acq: 15 Dec 2021 21:36

Tgt Ion:164 Resp: 501424

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.3	121.9
160	45.7	38.0	57.0





#42

2,4,6-Tribromophenol

Concen: 144.814 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126204.D

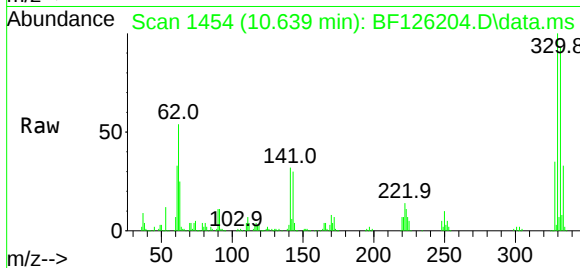
Acq: 15 Dec 2021 21:36

Instrument :

BNA_F

ClientSampleId :

PB141443BL



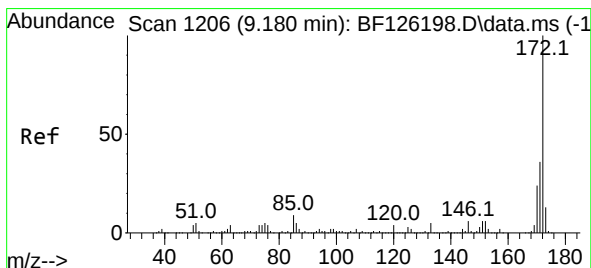
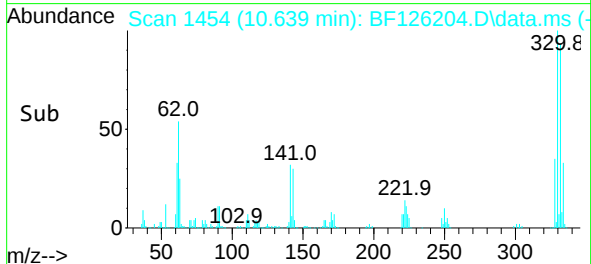
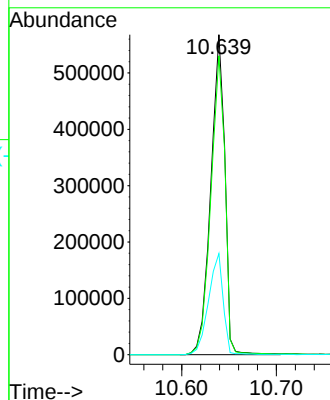
Tgt Ion:330 Resp: 583552

Ion Ratio Lower Upper

330 100

332 94.1 76.2 114.4

141 33.1 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 85.879 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126204.D

Acq: 15 Dec 2021 21:36

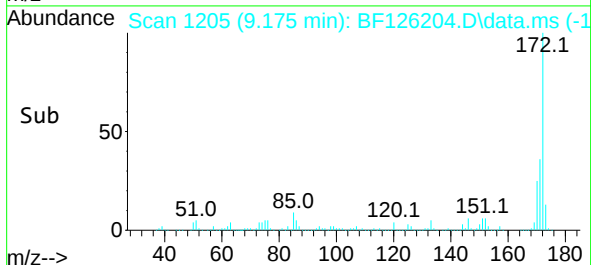
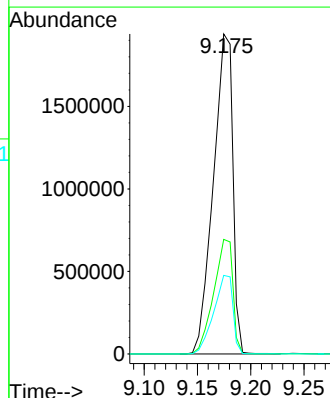
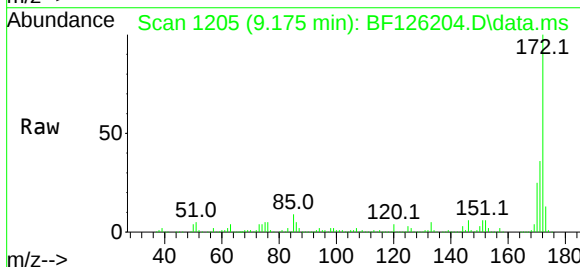
Tgt Ion:172 Resp: 2455243

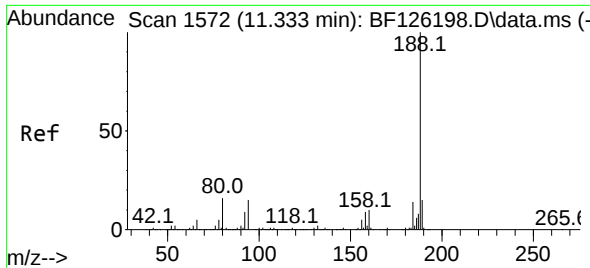
Ion Ratio Lower Upper

172 100

171 35.8 26.5 39.7

170 24.6 18.8 28.2

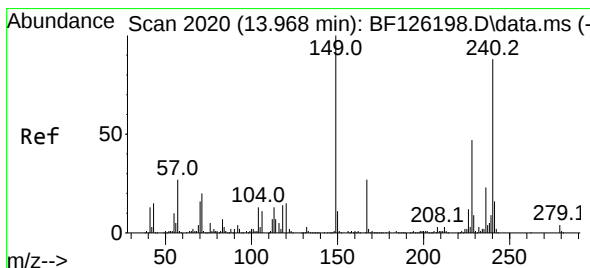
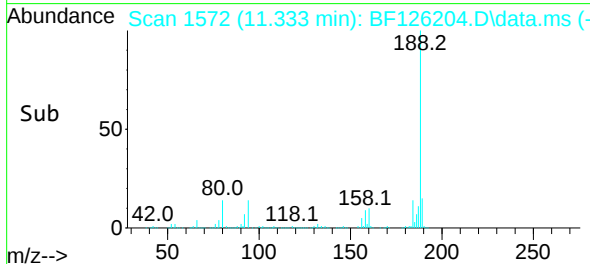
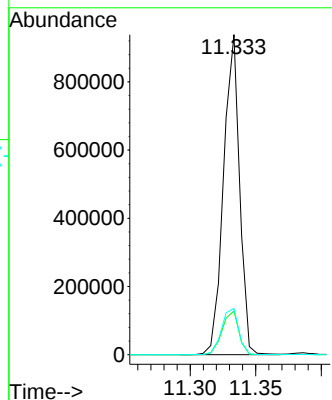
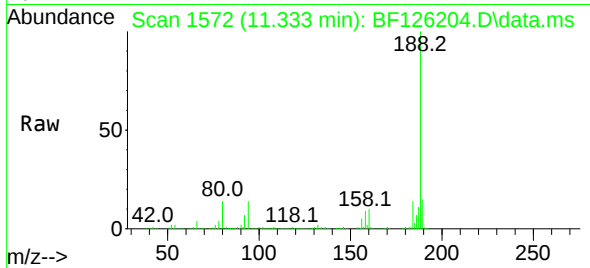




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

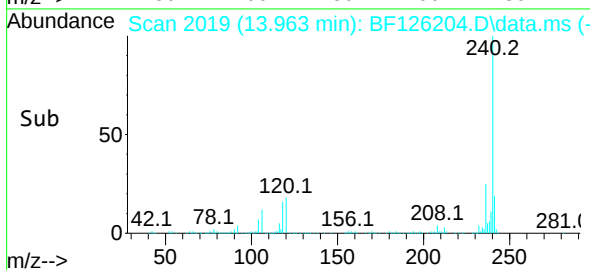
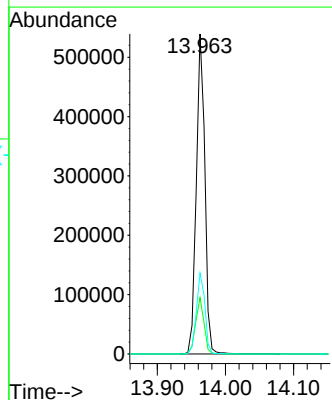
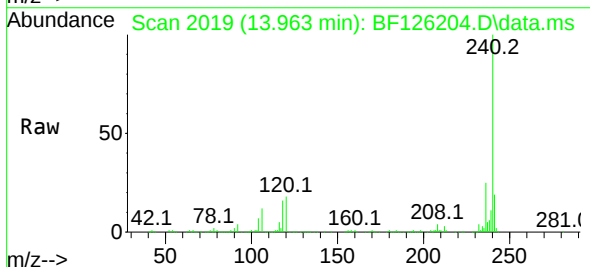
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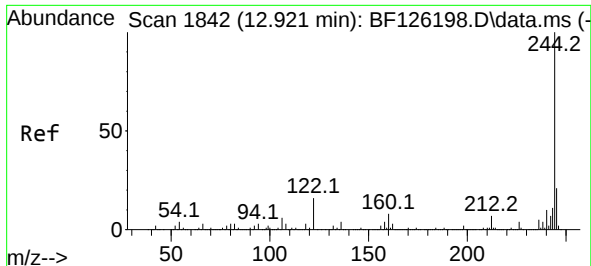
Tgt Ion:188 Resp: 796753
Ion Ratio Lower Upper
188 100
94 13.7 6.7 10.1#
80 14.5 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF126204.D
Acq: 15 Dec 2021 21:36

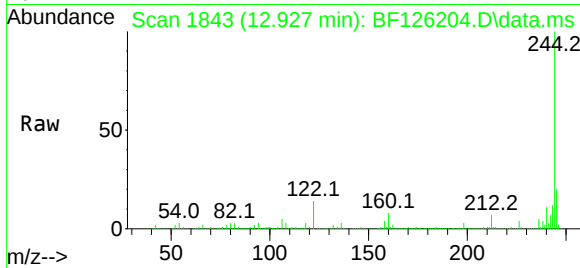
Tgt Ion:240 Resp: 471742
Ion Ratio Lower Upper
240 100
120 17.6 10.8 16.2#
236 25.2 21.6 32.4



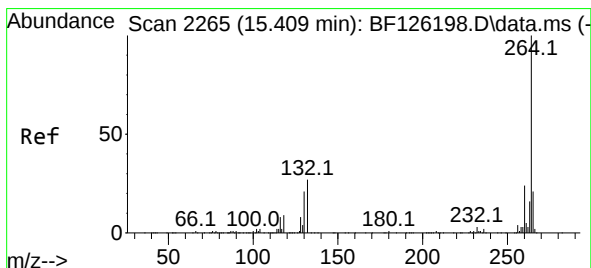
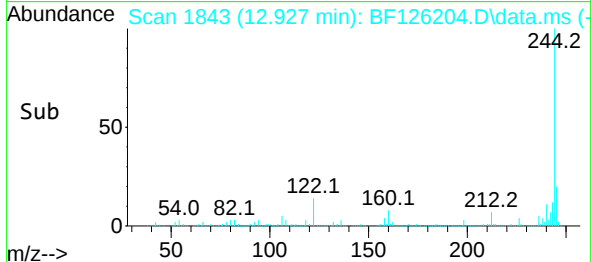
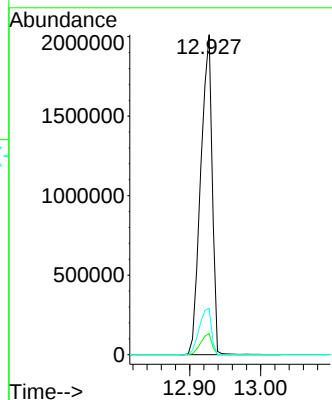


#79
 Terphenyl-d14
 Concen: 83.278 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126204.D
 Acq: 15 Dec 2021 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB141443BL



Tgt Ion:244 Resp: 2260250
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 14.5 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126204.D
 Acq: 15 Dec 2021 21:36

Tgt Ion:264 Resp: 361472
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.2 17.2 25.8

