

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112893.D
 Acq On : 6 Mar 2019 20:33
 Operator : JU/SJ
 Sample : PB117655BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BL

Quant Time: Mar 07 04:37:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	240744	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	782077	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	369373	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	842576	20.00	ng	0.00
76) Chrysene-d12	13.86	240	515834	20.00	ng	-0.01
87) Perylene-d12	15.26	264	526387	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1133801	73.26	ng	0.00
7) Phenol-d6	6.37	99	1451483	74.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	887503	67.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	373007	95.12	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1443675	59.90	ng	-0.01
79) Terphenyl-d14	12.82	244	1394580	52.41	ng	-0.01

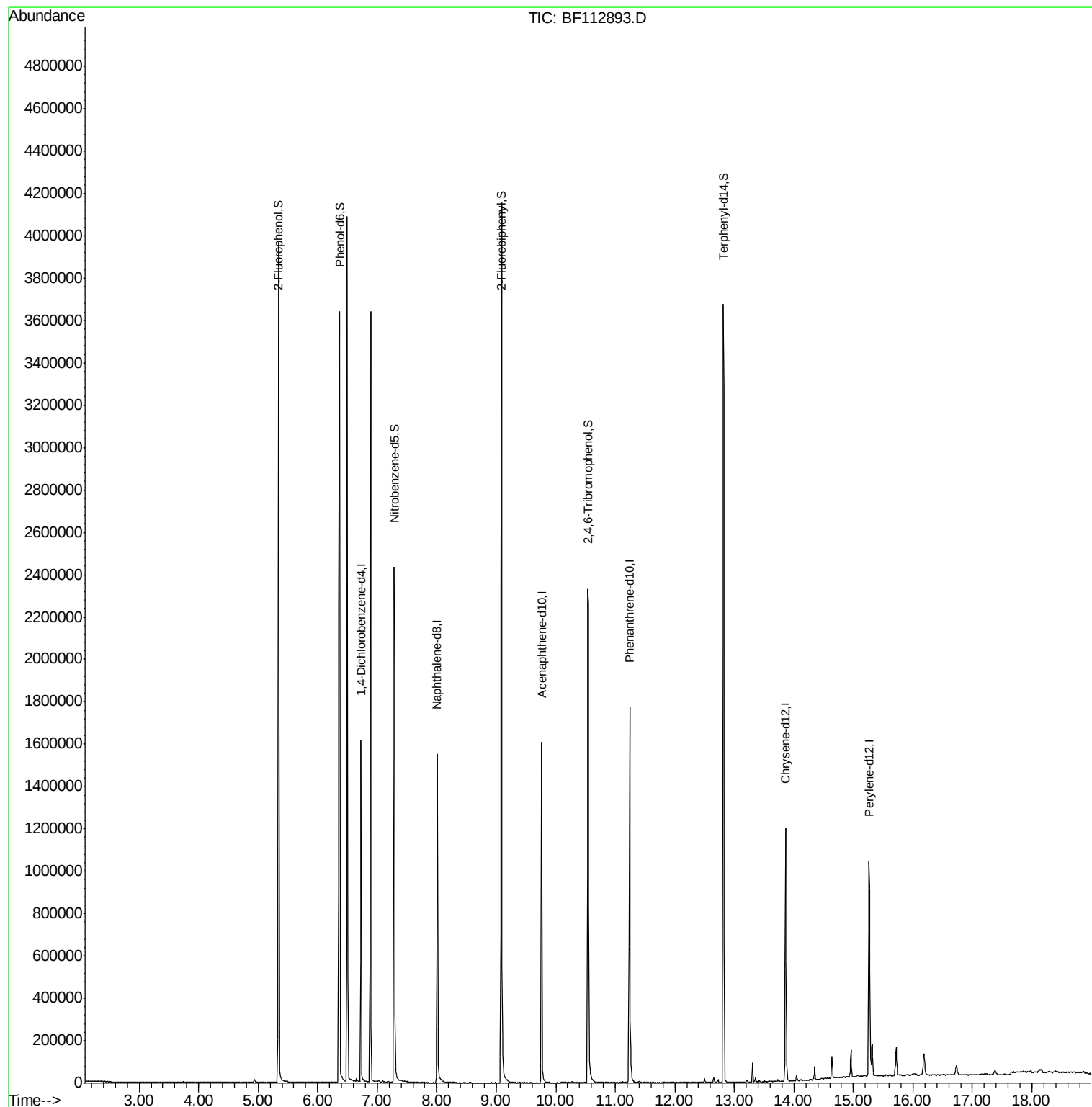
Target Compounds Qvalue

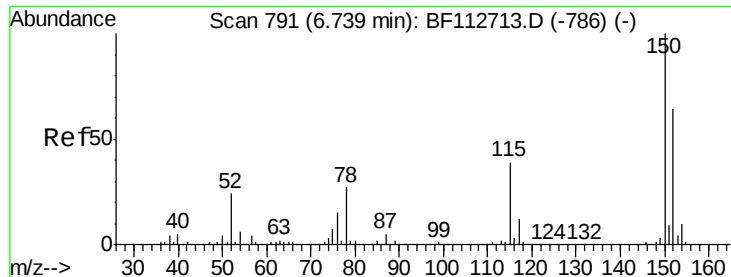
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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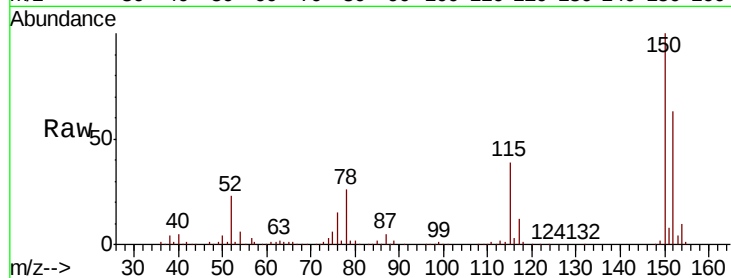


#1

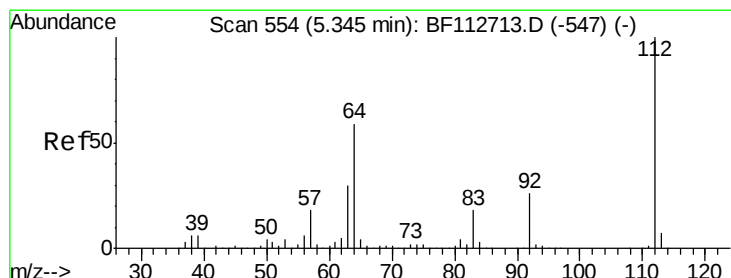
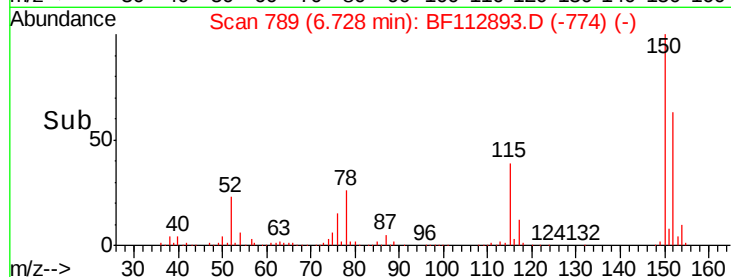
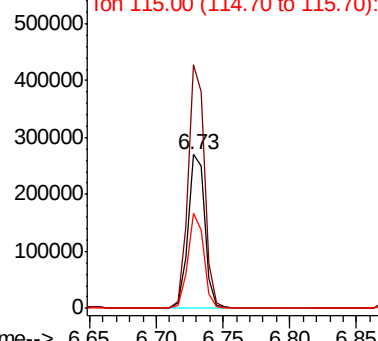
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112893.D
Acq: 6 Mar 2019 20:33

Instrument :
BNA_F
ClientSampleId :
PB117655BL

Tot Ion:152 Resp: 240744
Ion Ratio Lower Upper
152 100
150 158.4 124.2 186.2
115 61.6 48.2 72.4



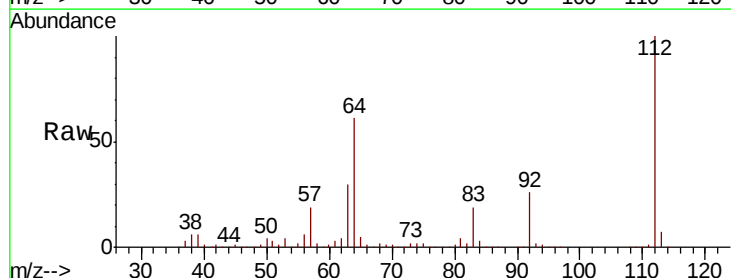
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



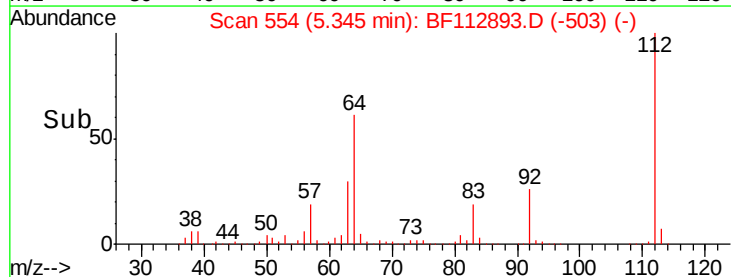
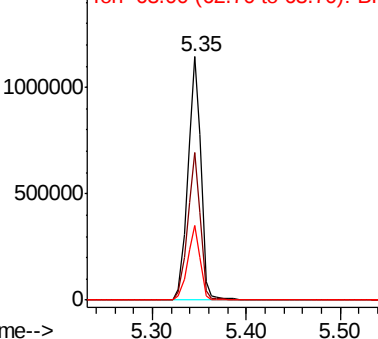
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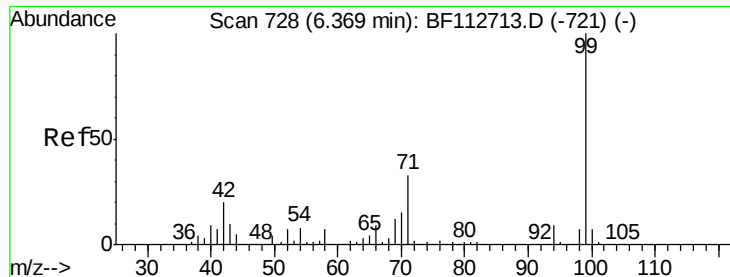
2-Fluorophenol
Concen: 73.259 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112893.D
Acq: 6 Mar 2019 20:33

Tgt Ion:112 Resp: 1133801
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 30.5 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 74.661 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112893.D

Acq: 6 Mar 2019 20:33

Instrument :

BNA_F

ClientSampleId :

PB117655BL

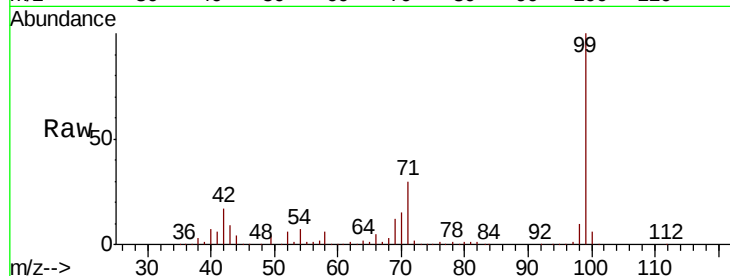
Tot Ion: 99 Resp: 1451483

Ion Ratio Lower Upper

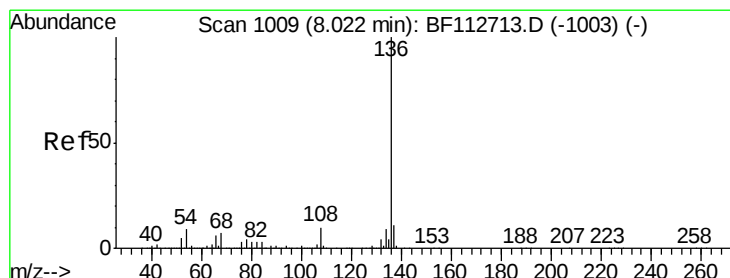
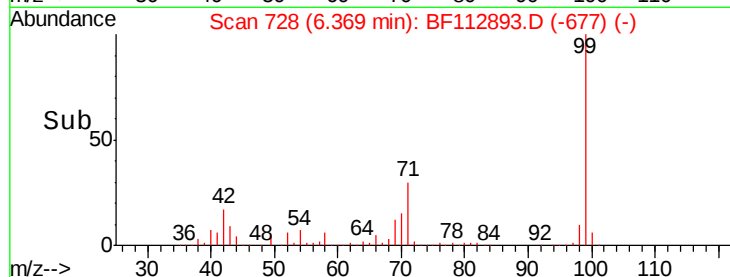
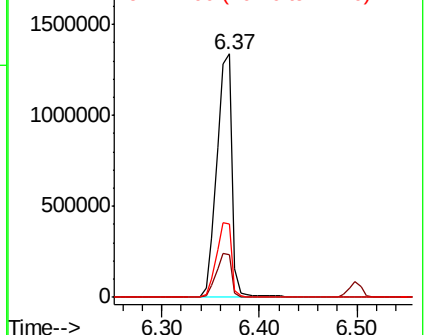
99 100

42 17.3 16.3 24.5

71 30.4 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112893.D

Acq: 6 Mar 2019 20:33

Tgt Ion: 136 Resp: 782077

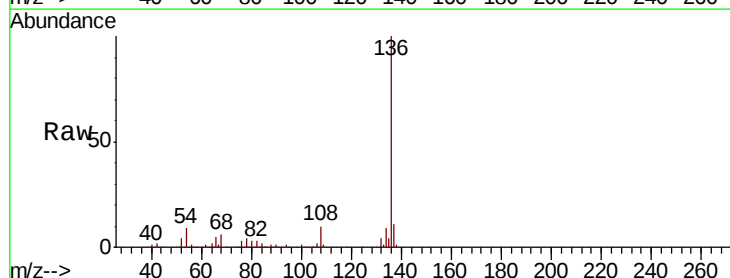
Ion Ratio Lower Upper

136 100

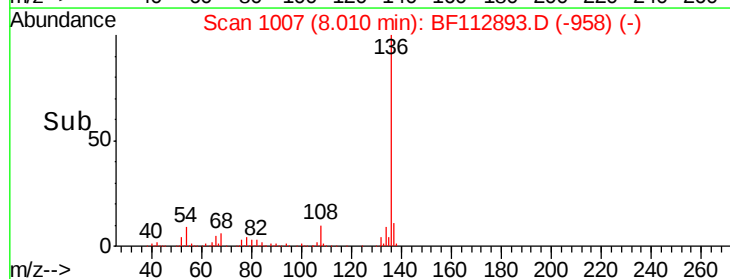
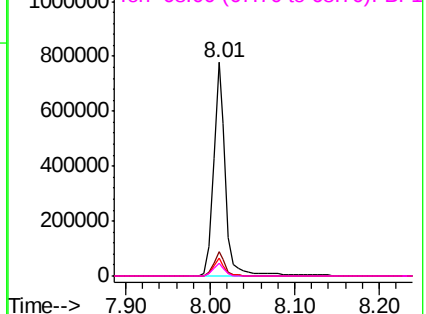
137 11.2 8.9 13.3

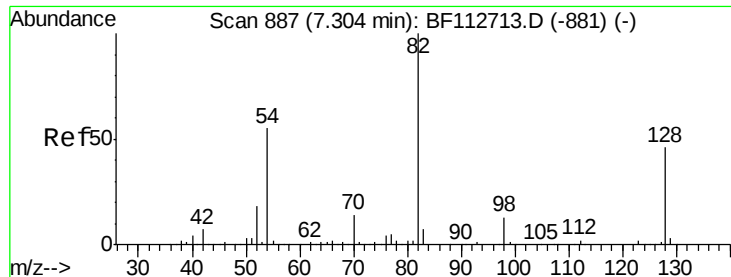
54 8.5 7.3 10.9

68 6.1 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

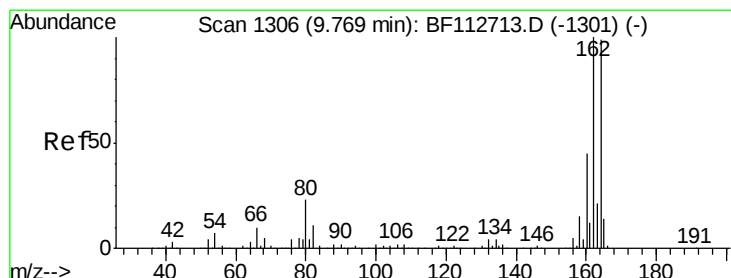
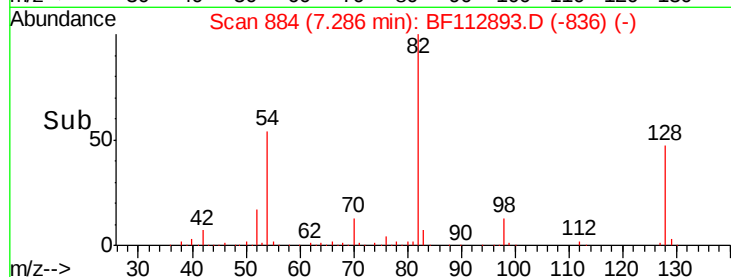
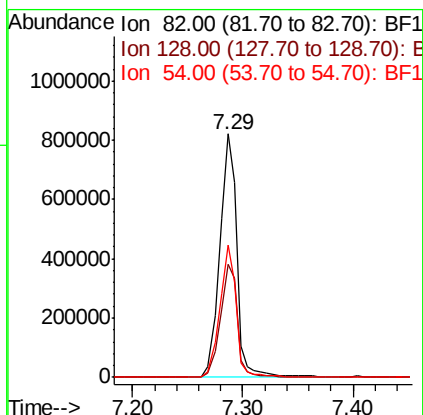
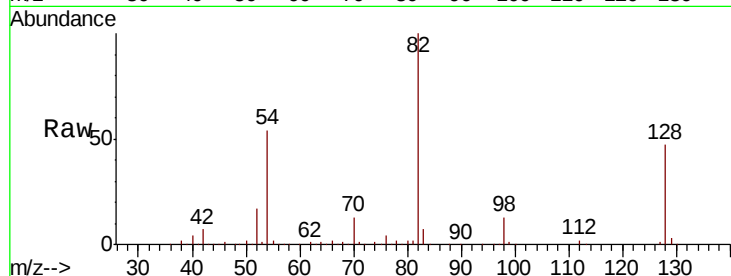




#23
 Nitrobenzene-d5
 Concen: 67.904 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF112893.D
 Acq: 6 Mar 2019 20:33

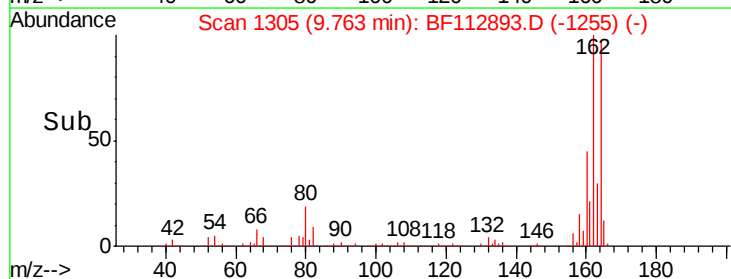
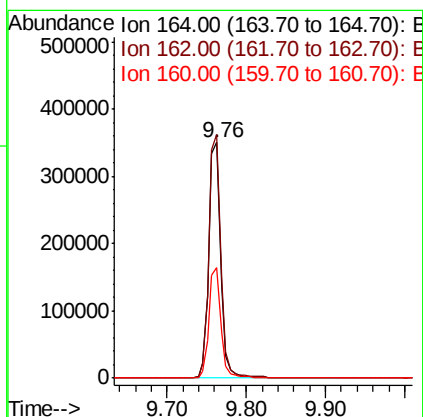
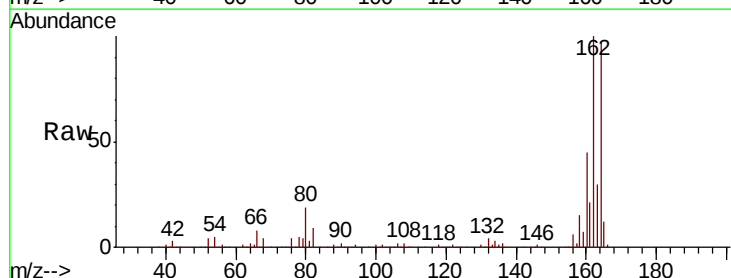
Instrument :
 BNA_F
 ClientSampleId :
 PB117655BL

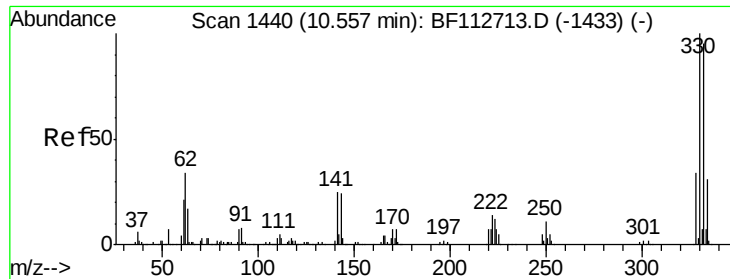
Tot Ion: 82 Resp: 887503
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.3 54.5
 54 54.1 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112893.D
 Acq: 6 Mar 2019 20:33

Tgt Ion: 164 Resp: 369373
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.6 120.8
 160 46.8 36.0 54.0

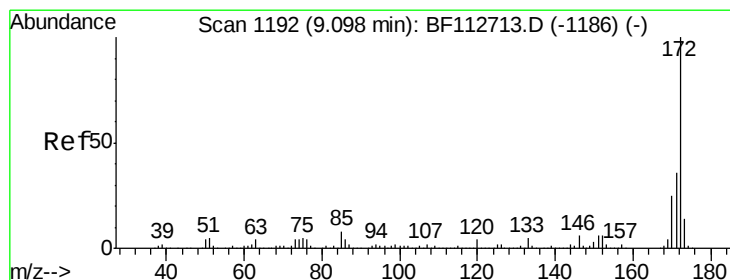
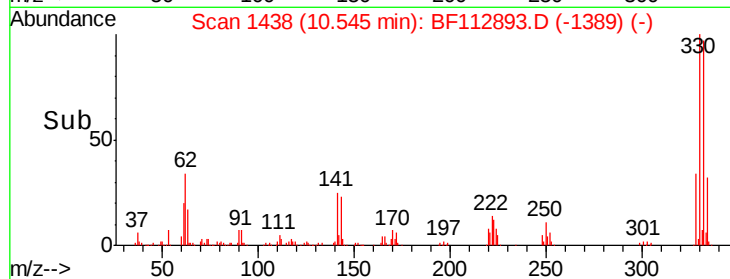
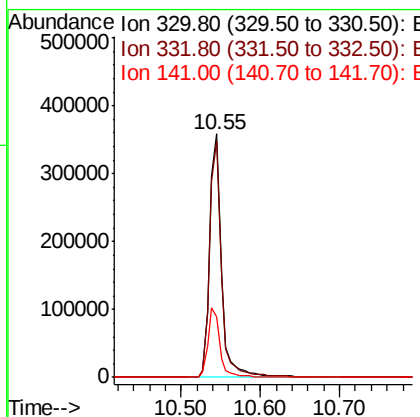
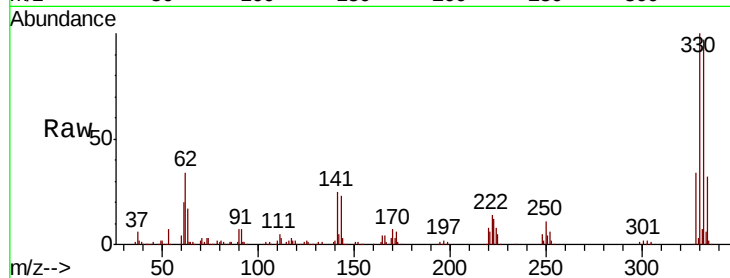




#42
 2,4,6-Tribromophenol
 Concen: 95.122 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112893.D
 Acq: 6 Mar 2019 20:33

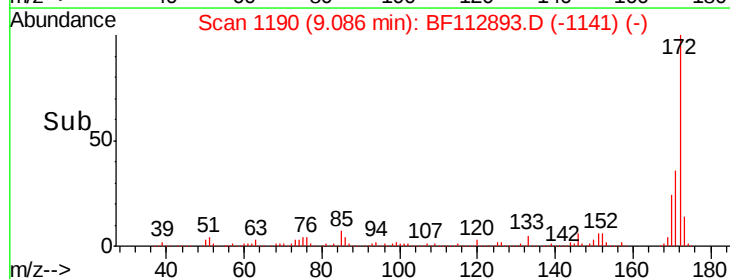
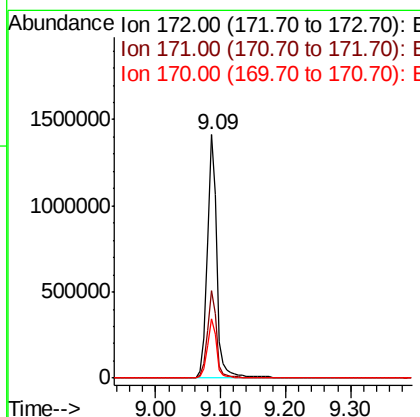
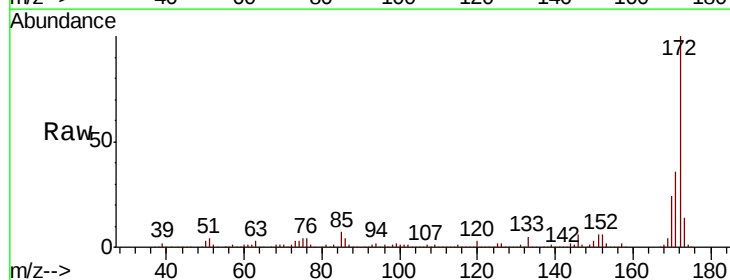
Instrument :
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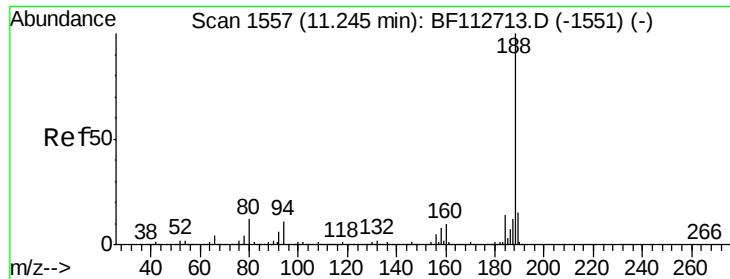
Tot Ion	330	Resp	373007
Ion Ratio	100		
Lower	76.2		
Upper	114.4		
332	96.9		
141	29.1		
	27.0		
	40.6		



#45
 2-Fluorobiphenyl
 Concen: 59.902 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112893.D
 Acq: 6 Mar 2019 20:33

Tgt Ion	172	Resp	1443675
Ion Ratio	100		
Lower	29.0		
Upper	43.4		
171	35.8		
170	24.3		
	20.0		
	30.0		

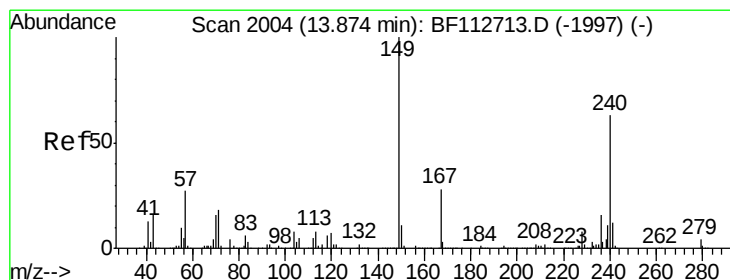
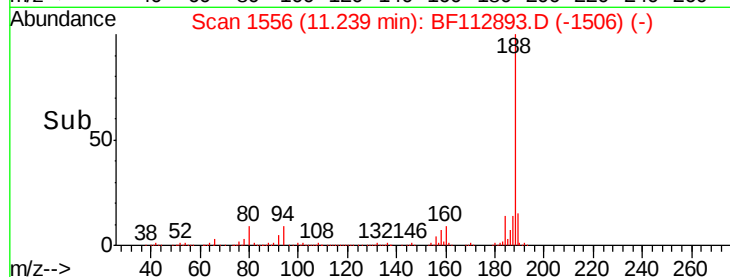
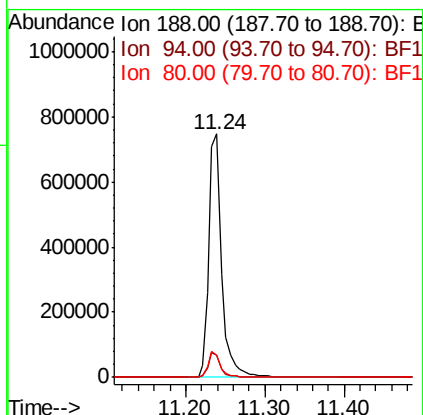
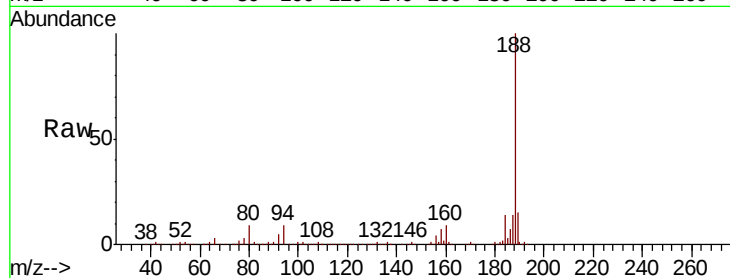




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112893.D
Acq: 6 Mar 2019 20:33

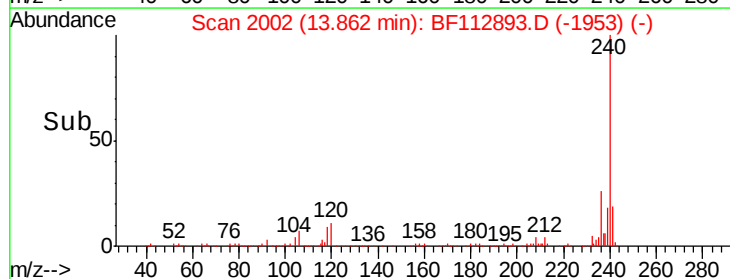
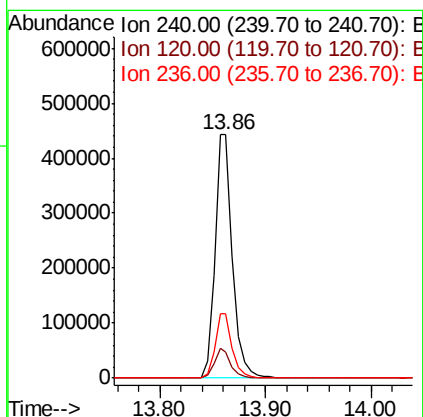
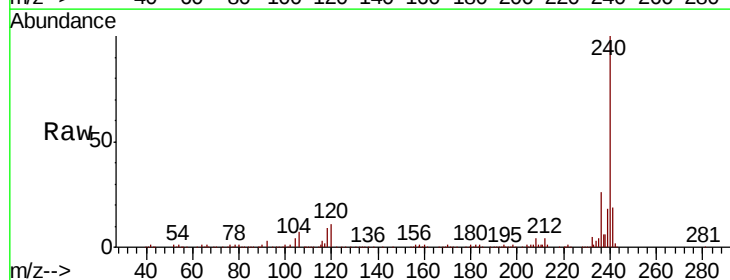
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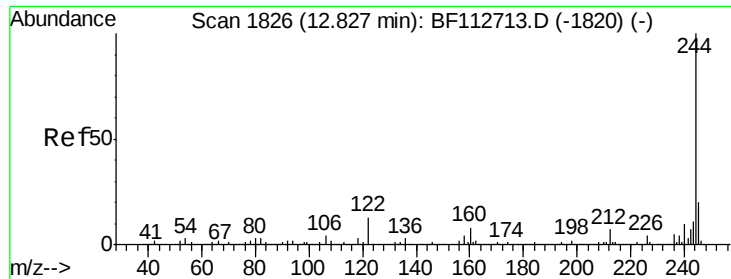
Tot Ion:188 Resp: 842576
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.2 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112893.D
Acq: 6 Mar 2019 20:33

Tgt Ion:240 Resp: 515834
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.4 20.7 31.1

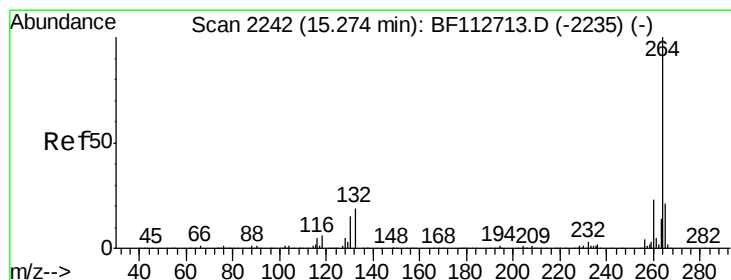
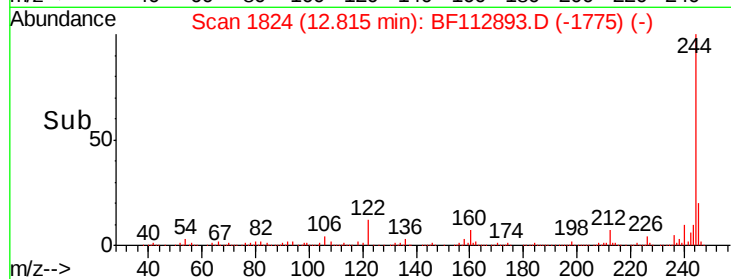
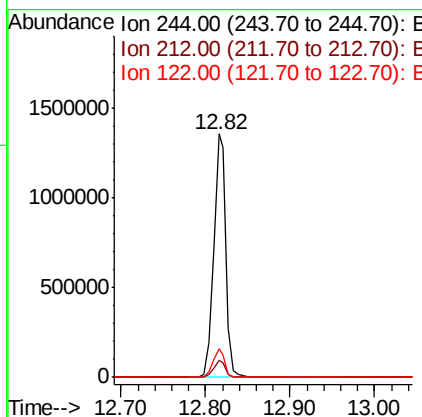
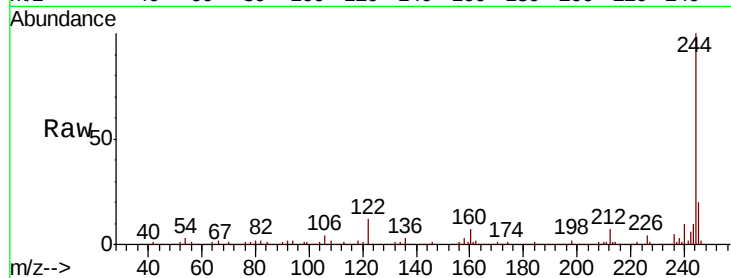




#79
 Terphenyl-d14
 Concen: 52.408 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112893.D
 Acq: 6 Mar 2019 20:33

Instrument :
 BNA_F
 ClientSampleId :
 PB117655BL

Tot Ion:244 Resp: 1394580
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.9 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112893.D
 Acq: 6 Mar 2019 20:33

Tgt Ion:264 Resp: 526387
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.8 17.2 25.8

