

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098087.D
 Acq On : 29 Aug 2017 1:02
 Operator : SJ/JU
 Sample : I4969-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-082417-A

Quant Time: Aug 29 09:12:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107039	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	433272	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	191633	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	387129	20.00	ng	0.00
75) Chrysene-d12	13.89	240	318056	20.00	ng	0.00
86) Perylene-d12	15.31	264	258085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	756694	107.53	ng	0.00
7) Phenol-d6	6.38	99	959994	100.40	ng	0.00
23) Nitrobenzene-d5	7.30	82	700190	87.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	226858	136.44	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1032573	79.16	ng	-0.01
78) Terphenyl-d14	12.84	244	1033109	67.74	ng	0.00

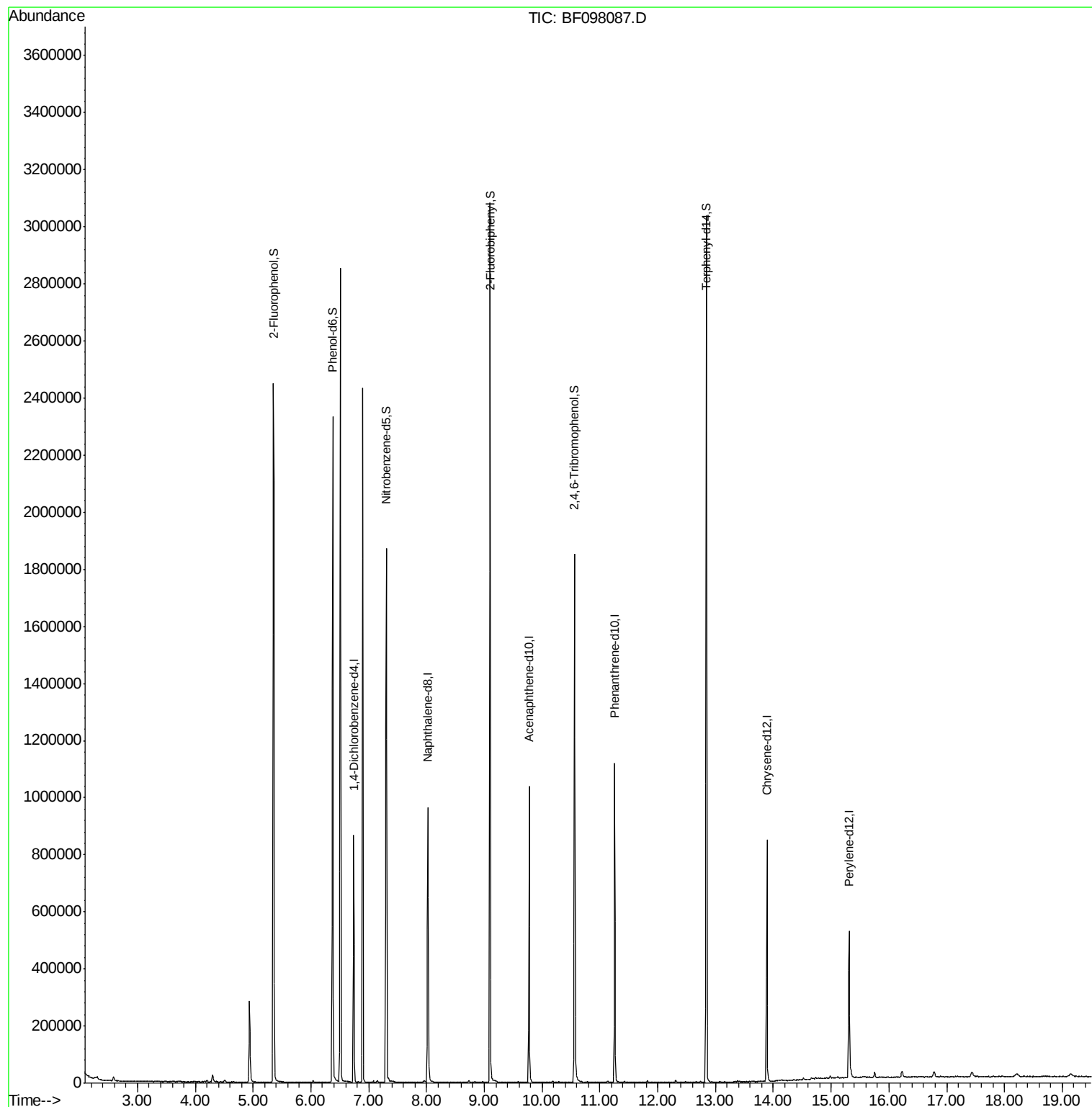
Target Compounds Qvalue

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

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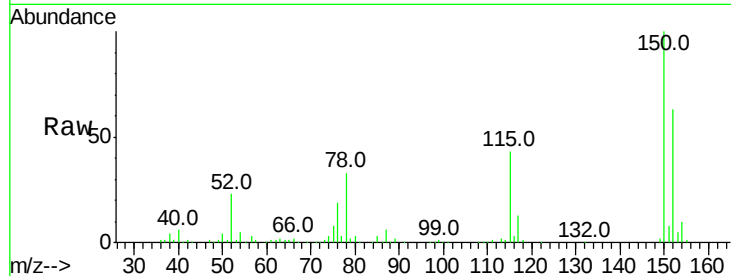


#1

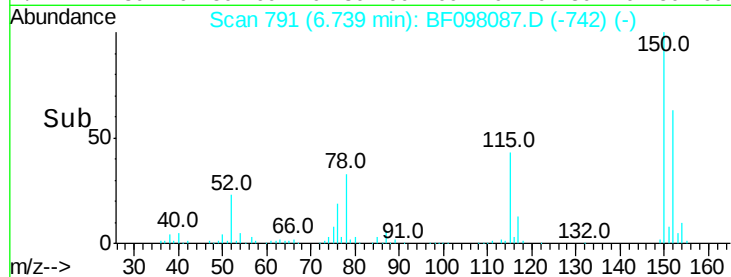
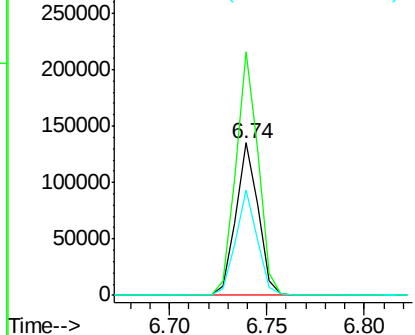
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098087.D
Acq: 29 Aug 2017 1:02

Instrument :
BNA_F
ClientSampleId :
BU-01-082417-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	69.2	52.2	78.2



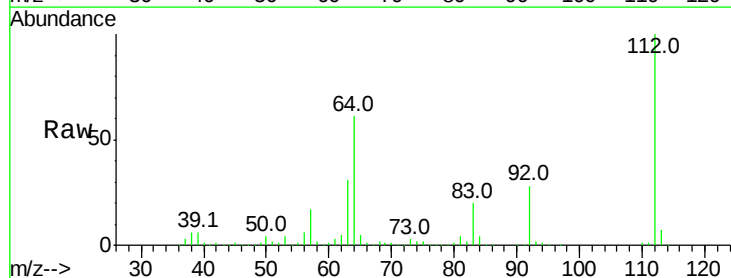
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



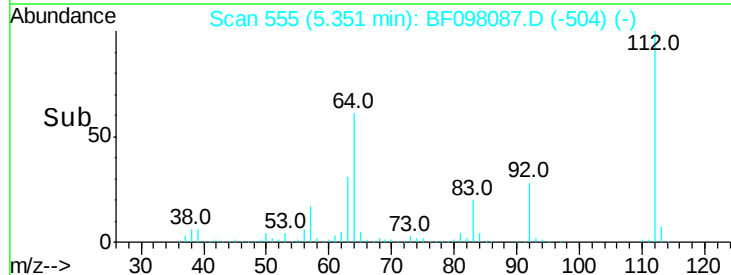
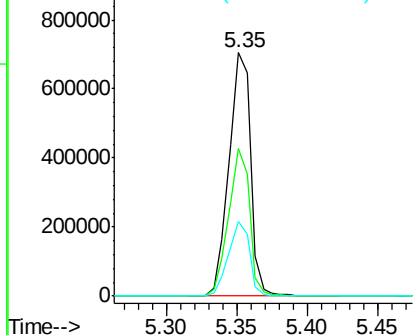
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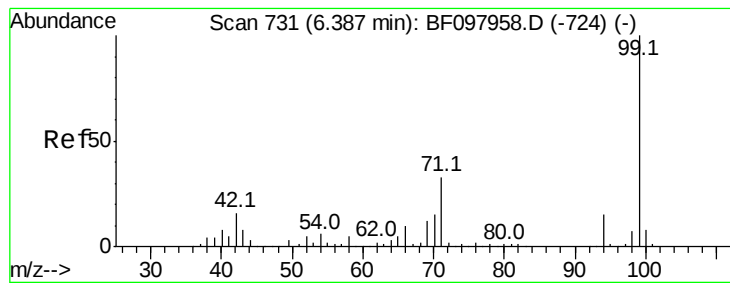
2-Fluorophenol
Concen: 107.530 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098087.D
Acq: 29 Aug 2017 1:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	46.0	69.0
63	30.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.404 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098087.D

Acq: 29 Aug 2017 1:02

Instrument :

BNA_F

ClientSampleId :

BU-01-082417-A

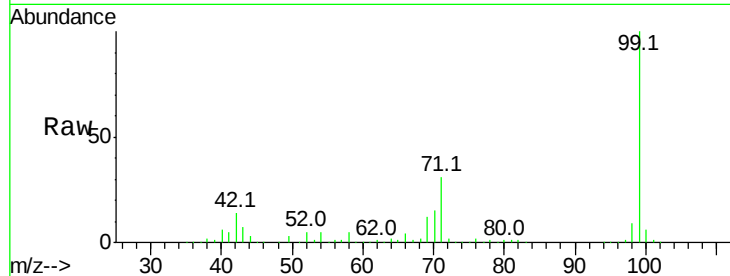
Tot Ion: 99 Resp: 959994

Ion Ratio Lower Upper

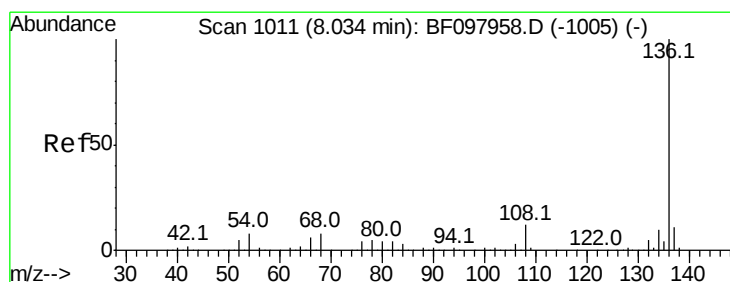
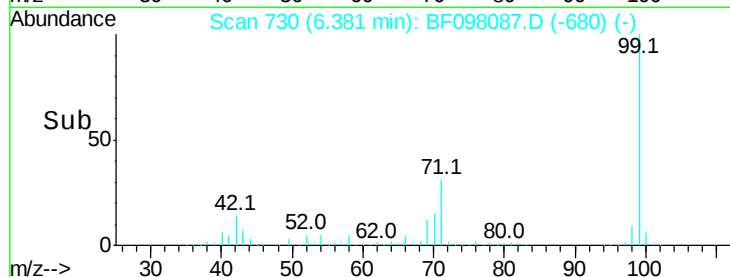
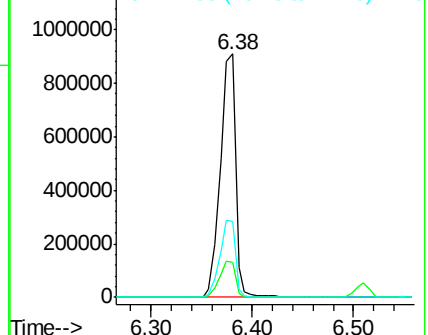
99 100

42 14.4 13.5 20.3

71 31.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098087.D

Acq: 29 Aug 2017 1:02

Tgt Ion: 136 Resp: 433272

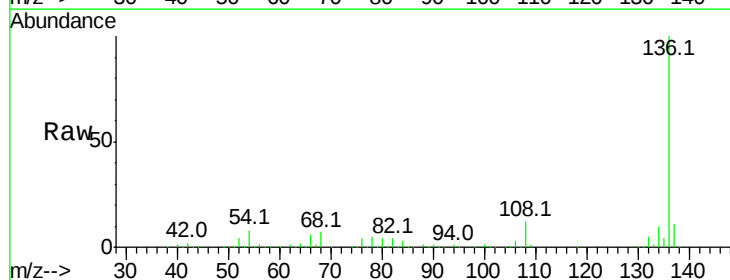
Ion Ratio Lower Upper

136 100

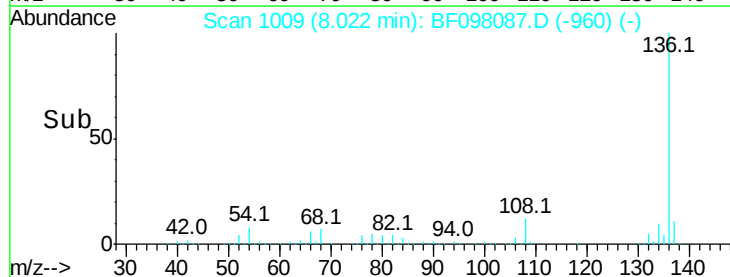
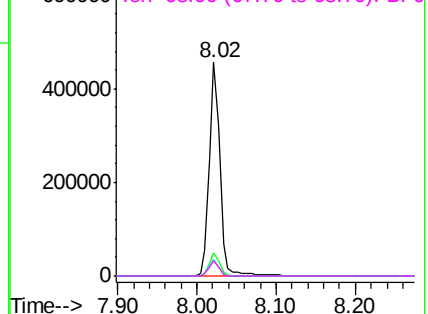
137 11.0 8.5 12.7

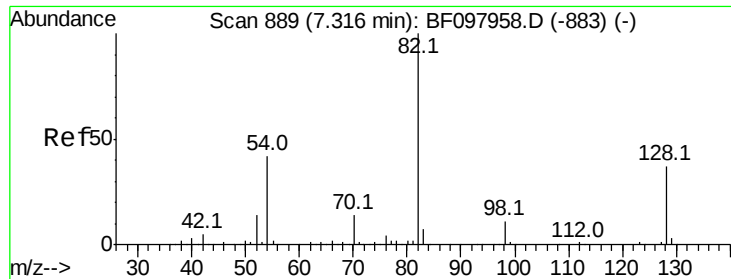
54 7.8 4.9 7.3#

68 7.4 4.1 6.1#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

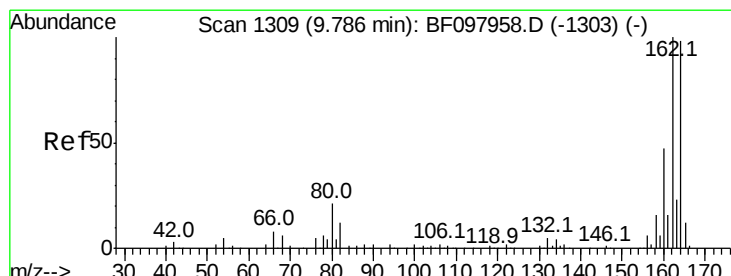
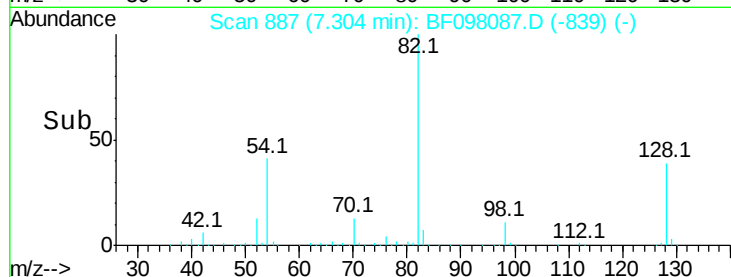
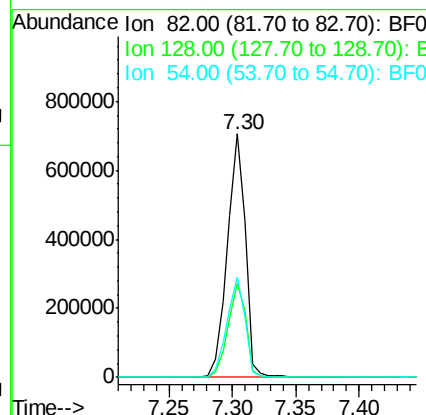
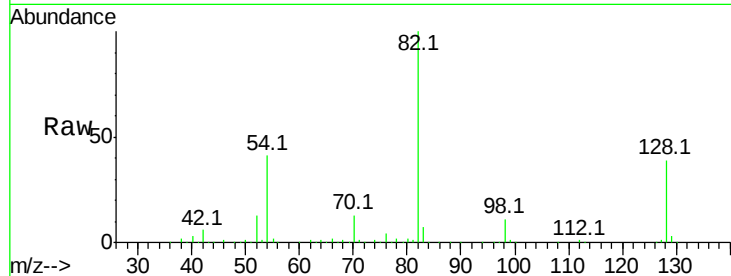




#23
 Nitrobenzene-d5
 Concen: 87.791 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098087.D
 Acq: 29 Aug 2017 1:02

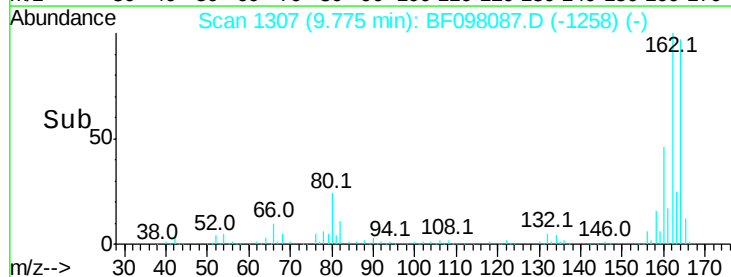
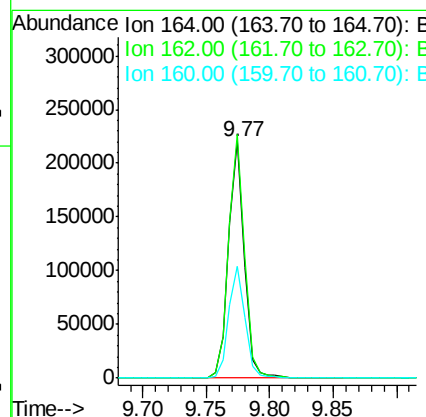
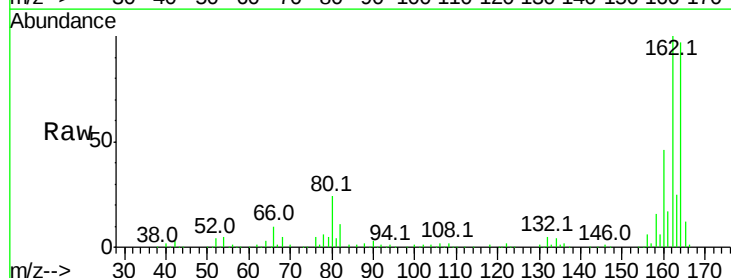
Instrument :
 BNA_F
 ClientSampleId :
 BU-01-082417-A

Tot Ion	82	Resp	700190
Ion Ratio	Lower	Upper	
82	100		
128	38.5	34.0	51.0
54	41.3	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098087.D
 Acq: 29 Aug 2017 1:02

Tgt Ion	164	Resp	191633
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.6	123.8
160	47.4	36.2	54.2

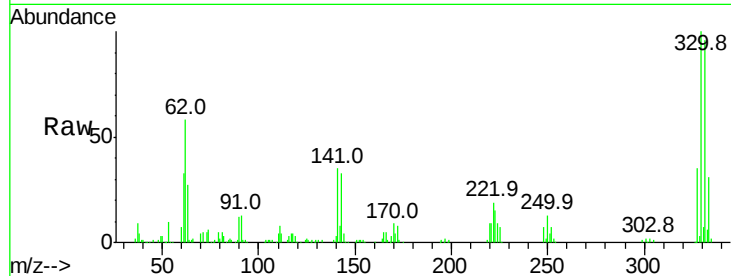




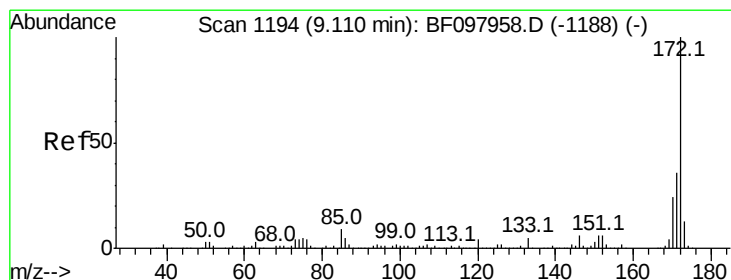
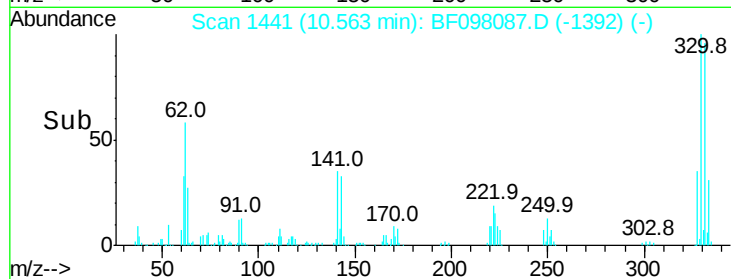
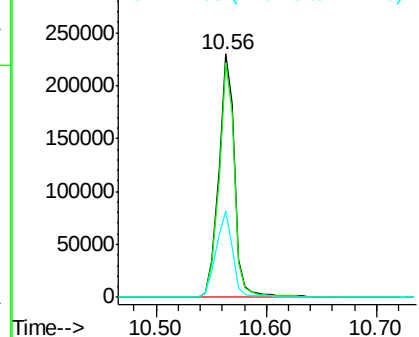
#41
 2,4,6-Tribromophenol
 Concen: 136.437 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098087.D
 Acq: 29 Aug 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-082417-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	37.1	31.4	47.2

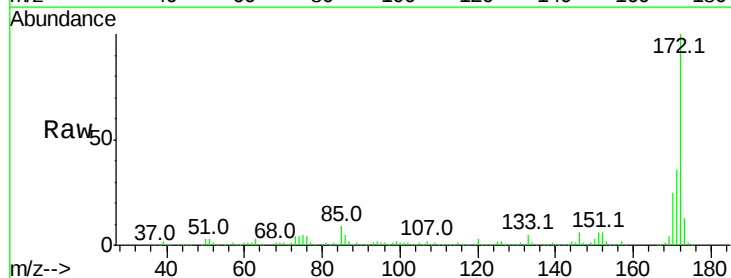


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

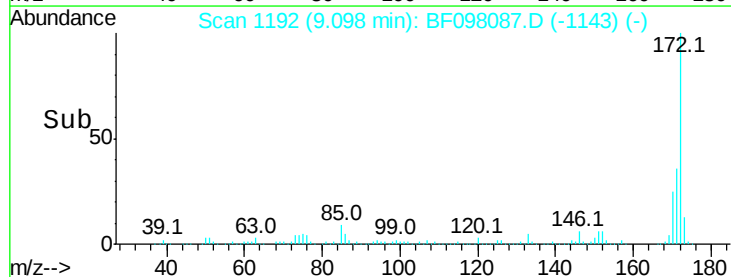
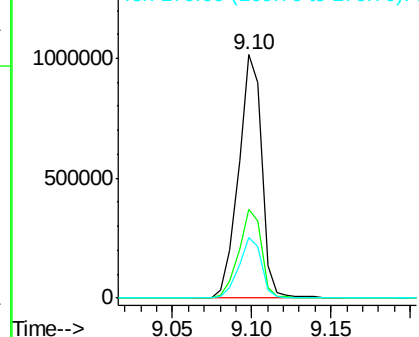


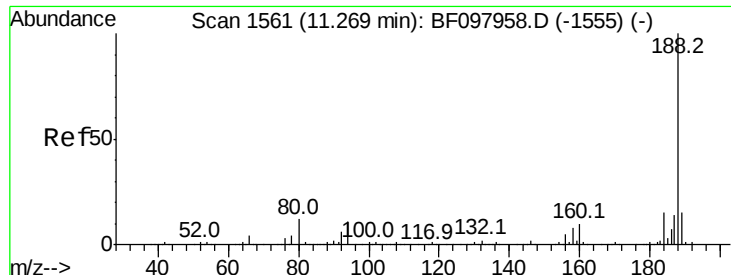
#44
 2-Fluorobiphenyl
 Concen: 79.165 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098087.D
 Acq: 29 Aug 2017 1:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.6	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

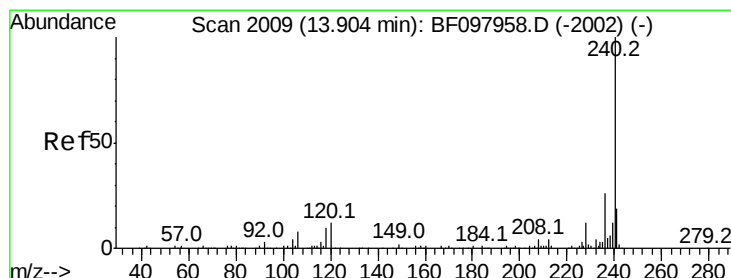
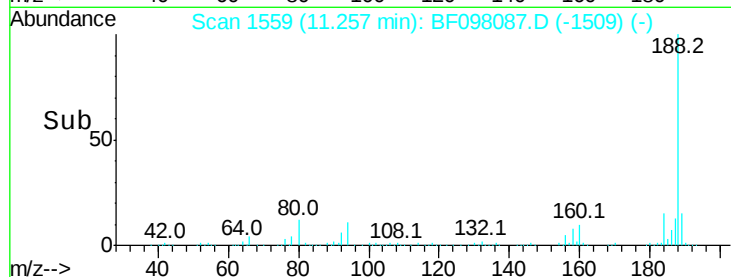
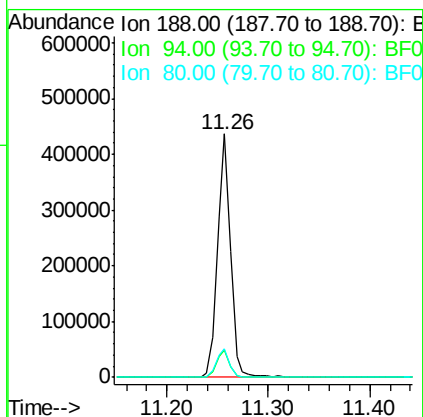
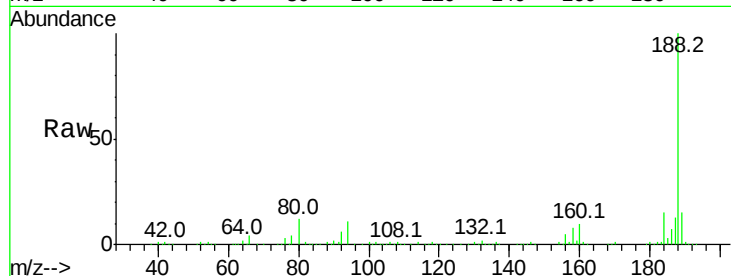




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098087.D
Acq: 29 Aug 2017 1:02

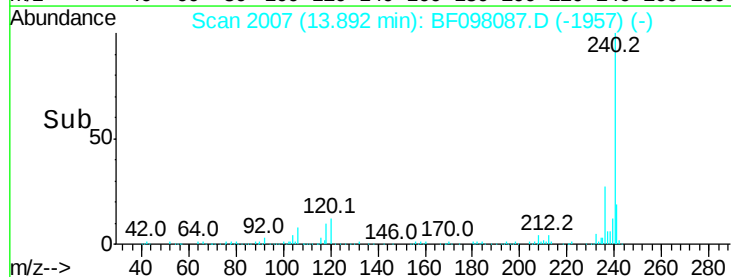
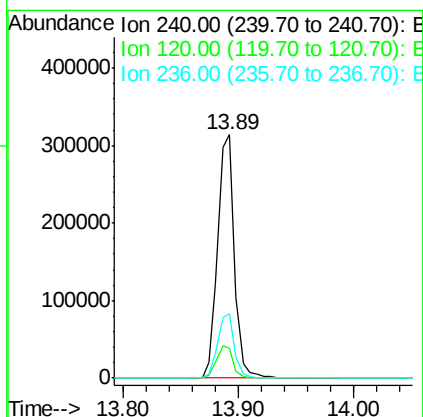
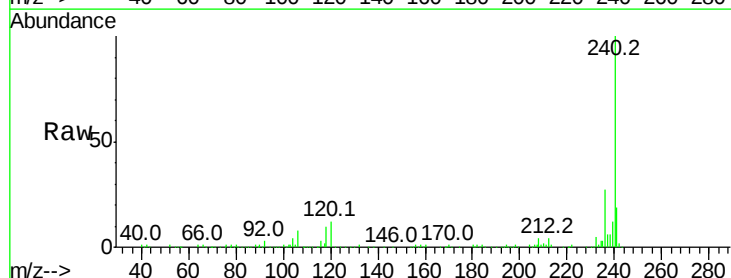
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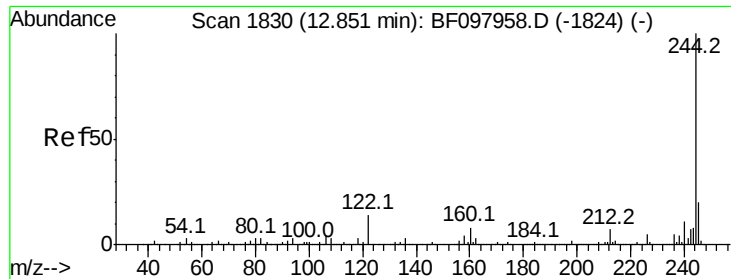
Tot Ion:188 Resp: 387129
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098087.D
Acq: 29 Aug 2017 1:02

Tgt Ion:240 Resp: 318056
Ion Ratio Lower Upper
240 100
120 12.1 5.8 8.8#
236 26.6 20.5 30.7

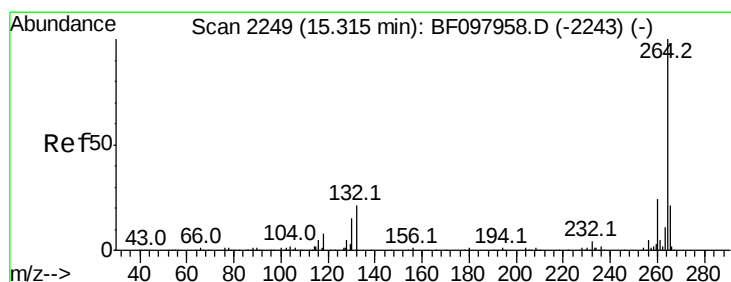
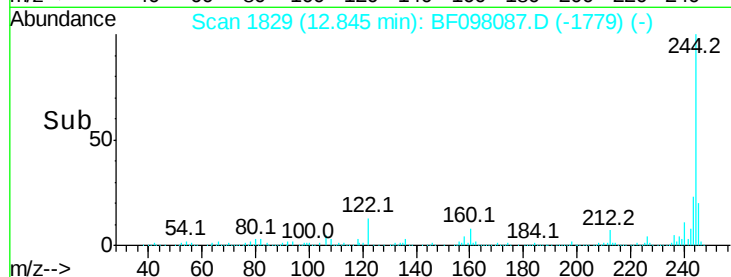
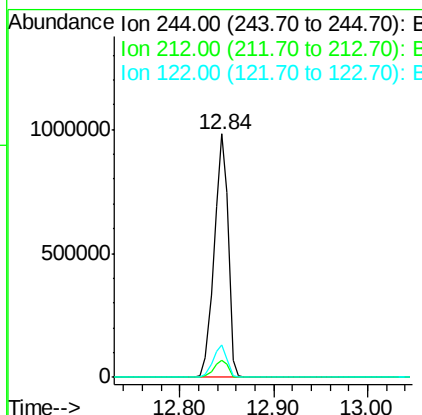
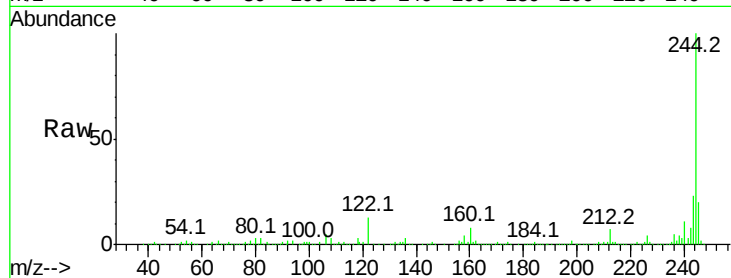




#78
 Terphenyl-d14
 Concen: 67.736 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098087.D
 Acq: 29 Aug 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-082417-A

Tot Ion:244 Resp: 1033109
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF098087.D
 Acq: 29 Aug 2017 1:02

Tgt Ion:264 Resp: 258085
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.6 17.2 25.8

