

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097341.D
 Acq On : 4 Aug 2017 2:40
 Operator : SJ/JU
 Sample : I4562-04 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-B

Quant Time: Aug 04 03:49:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	98588	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	418038	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	149012	20.00	ng	-0.06
63) Phenanthrene-d10	10.94	188	227047	20.00	ng	-0.06
75) Chrysene-d12	13.56	240	166997	20.00	ng	-0.06
86) Perylene-d12	14.91	264	106808	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	159836	24.44	ng	-0.05
7) Phenol-d6	6.12	99	198323	26.56	ng	-0.05
23) Nitrobenzene-d5	7.02	82	90354	12.68	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	22955	19.50	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	176297	20.08	ng	-0.06
78) Terphenyl-d14	12.52	244	113432	13.85	ng	-0.06

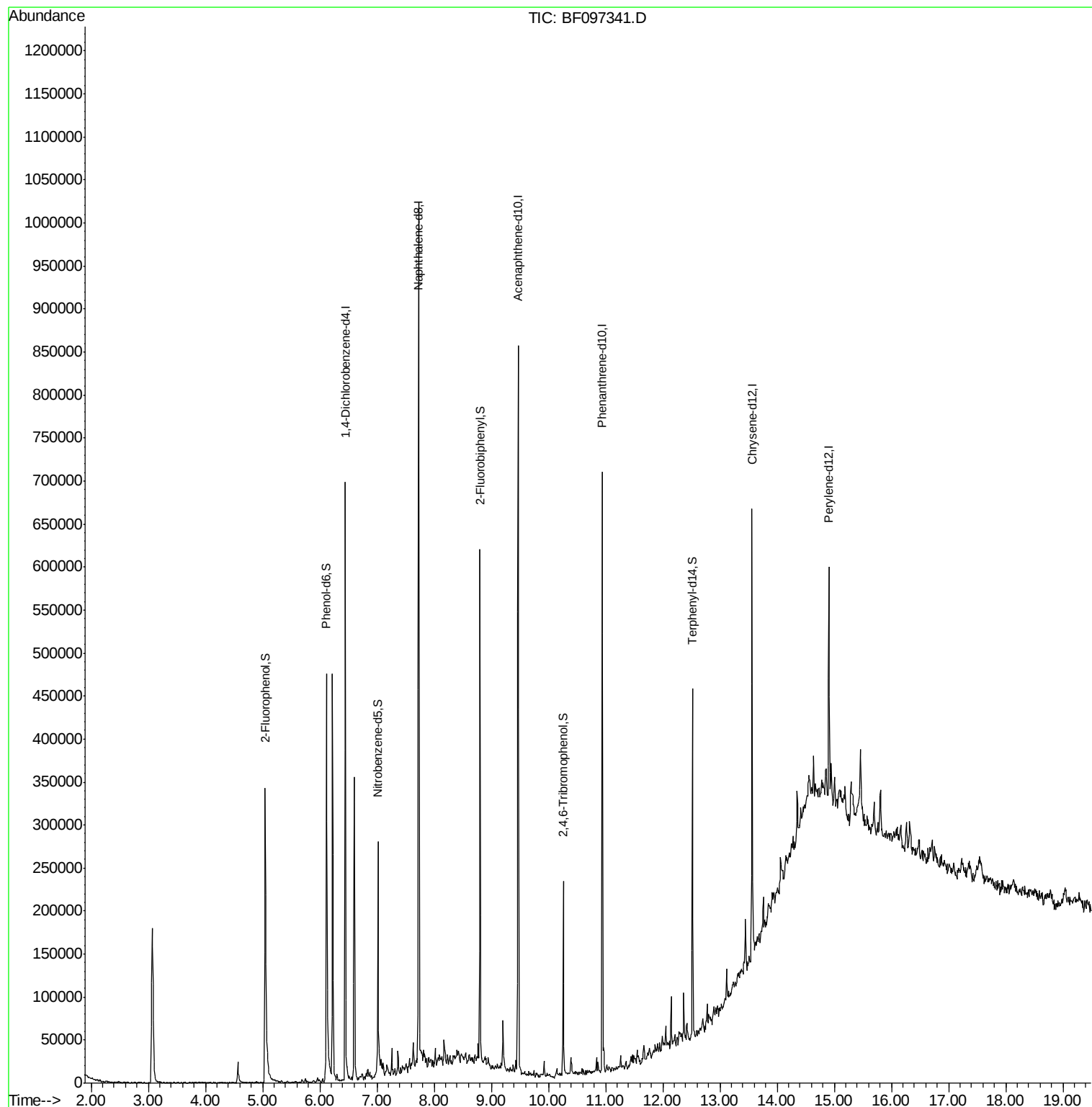
Target Compounds Qvalue

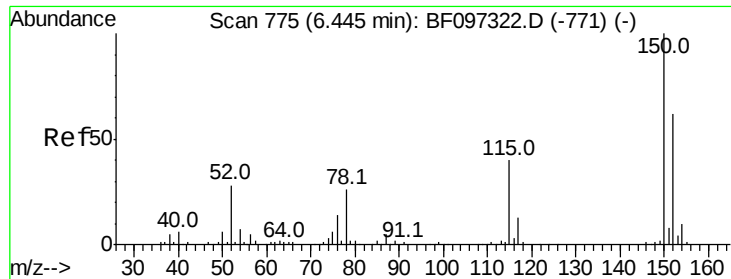
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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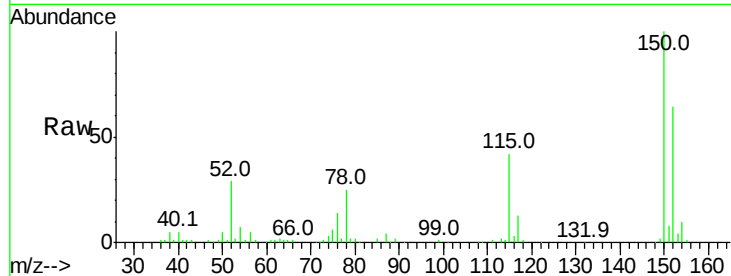


#1

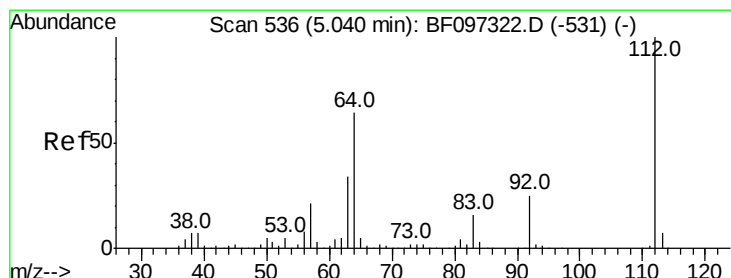
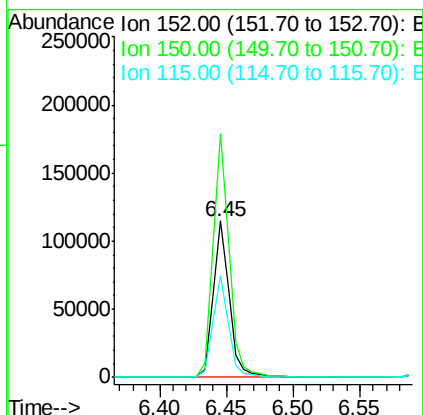
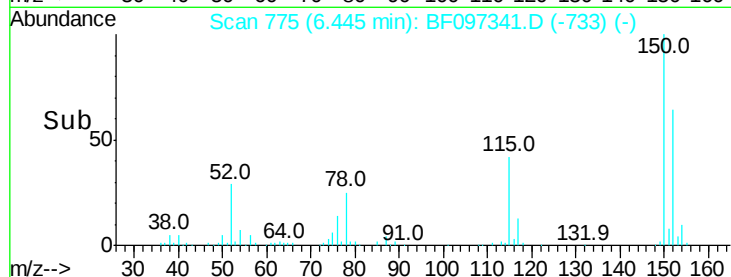
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

Tot Ion:152 Resp: 98588
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 64.7 52.2 78.2



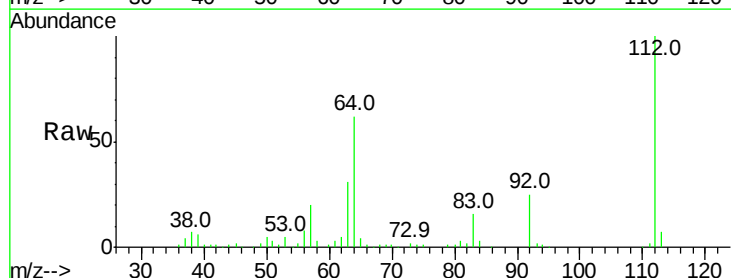
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



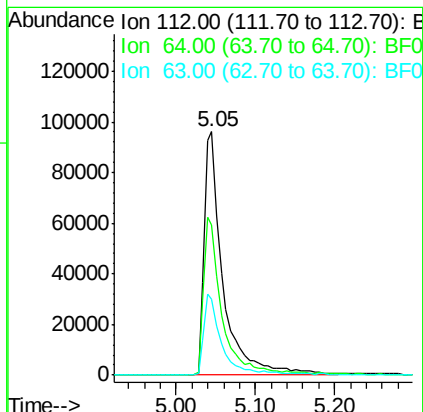
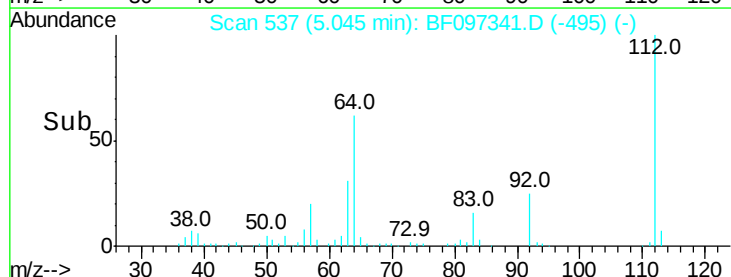
#5

2-Fluorophenol
Concen: 24.440 ng
RT: 5.05 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Tgt Ion:112 Resp: 159836
Ion Ratio Lower Upper
112 100
64 61.8 46.0 69.0
63 31.1 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: 26.563 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF097341.D

Acq: 4 Aug 2017 2:40

Instrument :

BNA_F

ClientSampleId :

JC-02-080117-B

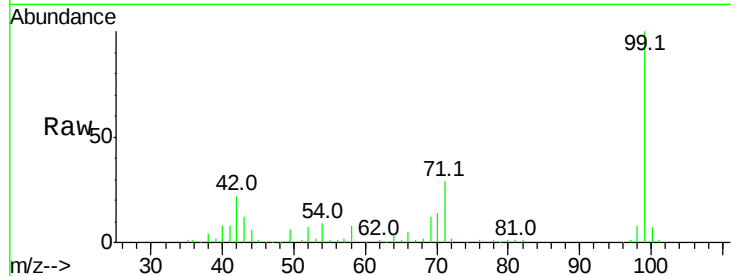
Tot Ion: 99 Resp: 198323

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

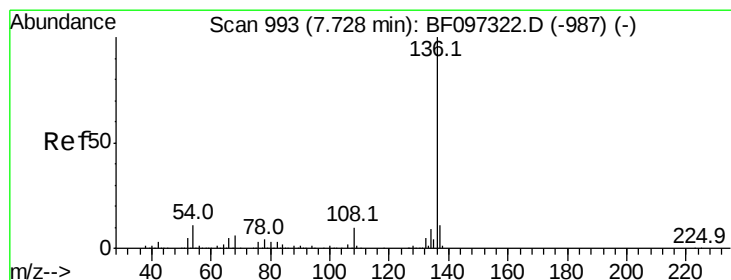
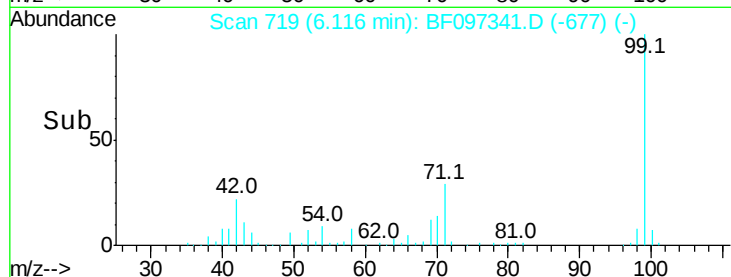
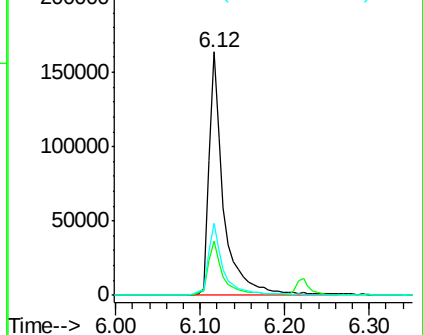
71 29.4 24.5 36.7



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: 7.73 min Scan# 993

Delta R.T. -0.06 min

Lab File: BF097341.D

Acq: 4 Aug 2017 2:40

Tgt Ion: 136 Resp: 418038

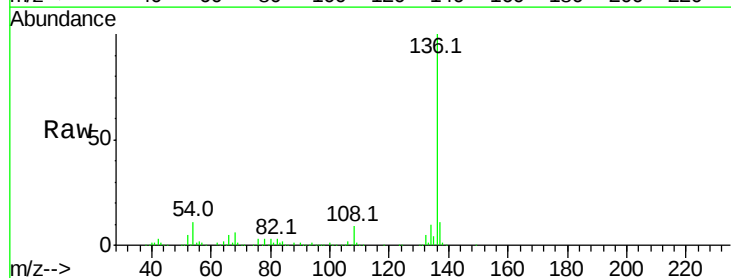
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.9 4.9 7.3#

68 6.1 4.1 6.1

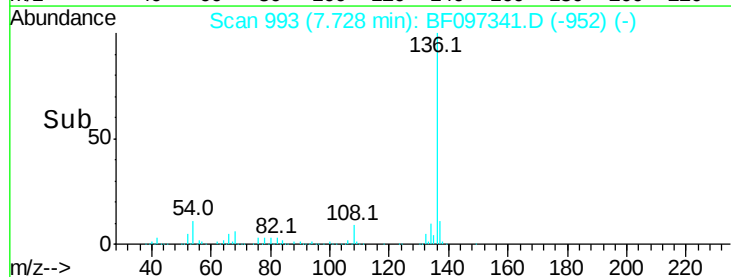
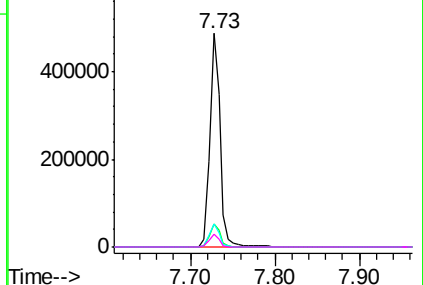


Abundance Ion 136.00 (135.70 to 136.70): E

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

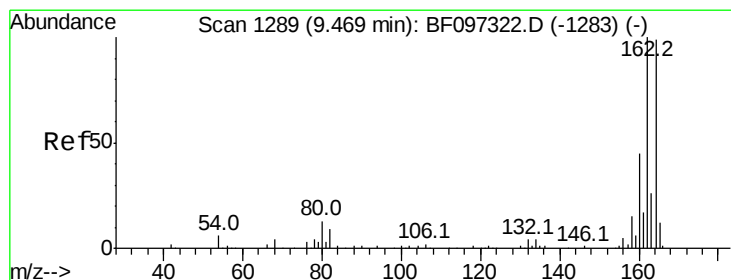
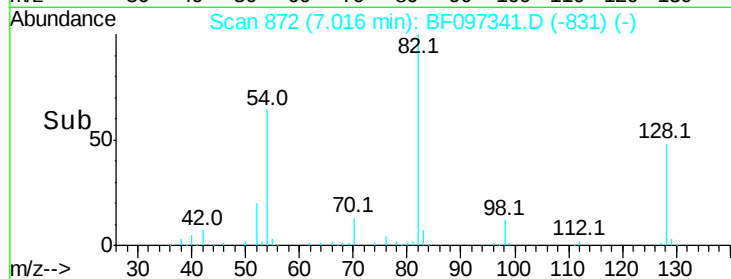
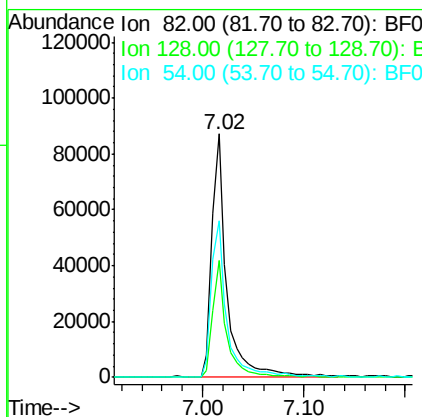
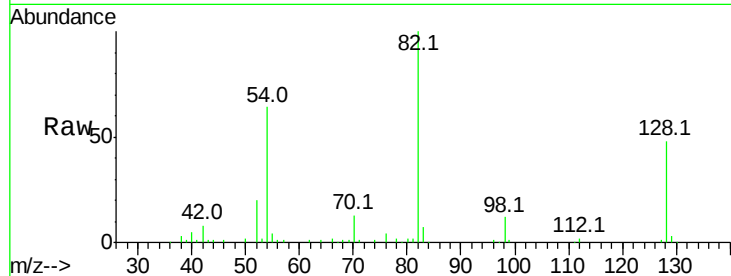




#23
 Nitrobenzene-d5
 Concen: 12.680 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.06 min
 Lab File: BF097341.D
 Acq: 4 Aug 2017 2:40

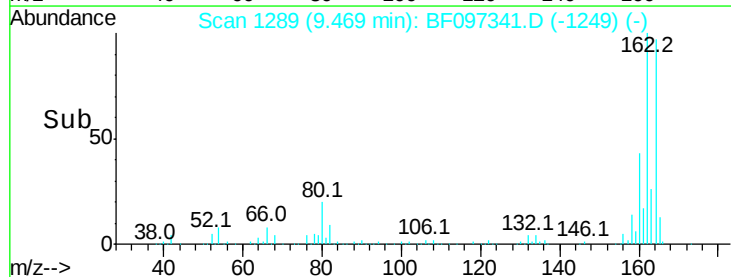
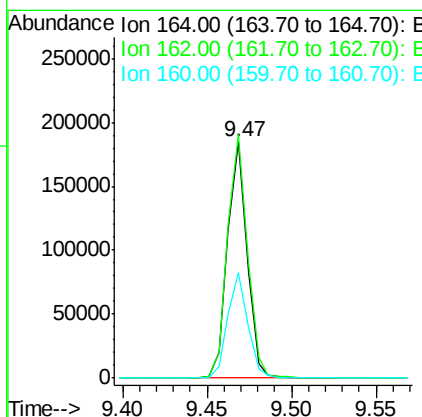
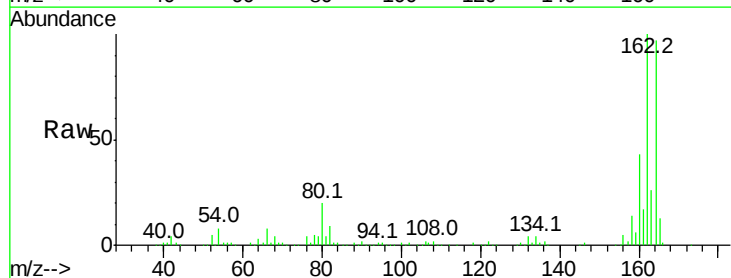
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-B

Tot Ion	82	Resp	90354
Ion Ratio	Lower	Upper	
82	100		
128	48.0	34.0	51.0
54	64.4	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF097341.D
 Acq: 4 Aug 2017 2:40

Tgt Ion	164	Resp	149012
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.6	123.8
160	44.9	36.2	54.2

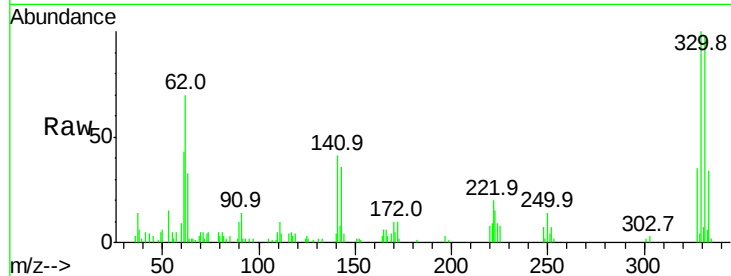




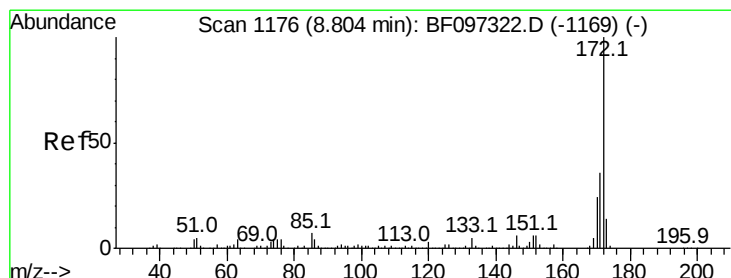
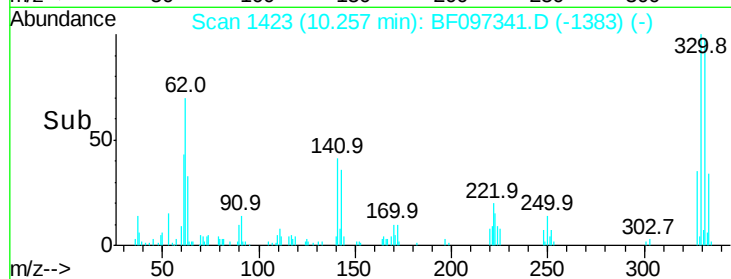
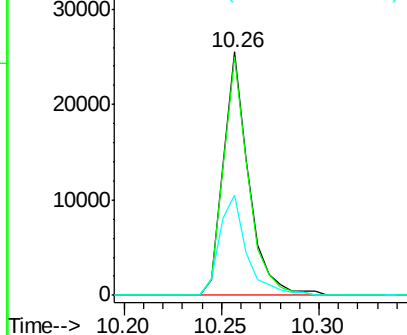
#41
 2,4,6-Tribromophenol
 Concen: 19.497 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.06 min
 Lab File: BF097341.D
 Acq: 4 Aug 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	44.3	31.4	47.2

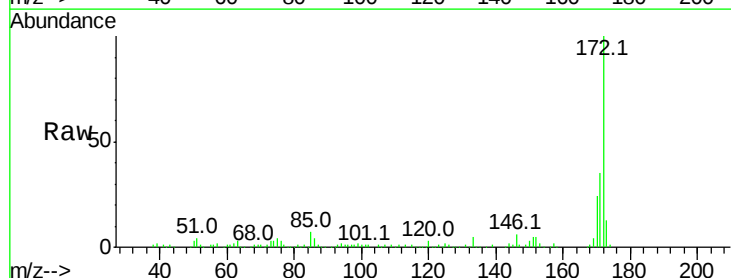


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

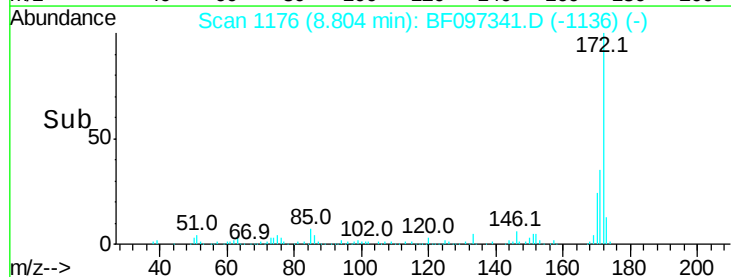
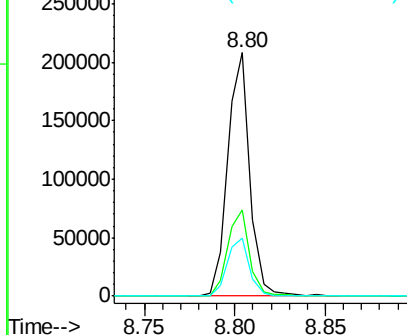


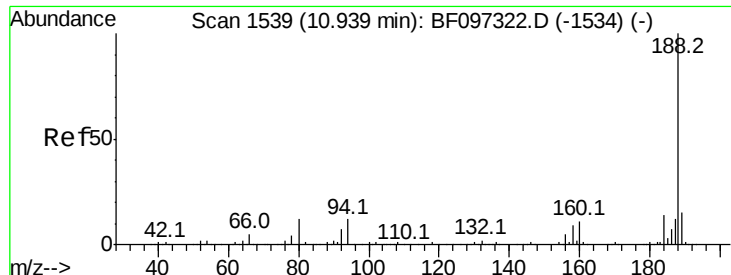
#44
 2-Fluorobiphenyl
 Concen: 20.078 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF097341.D
 Acq: 4 Aug 2017 2:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.8	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

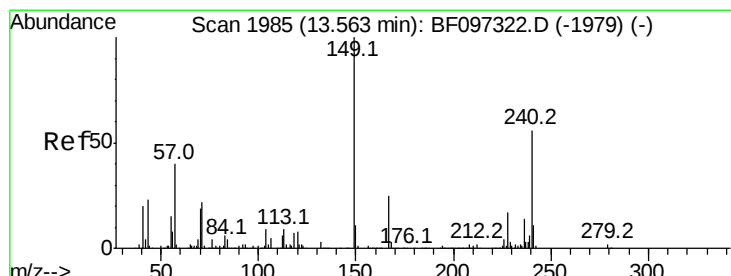
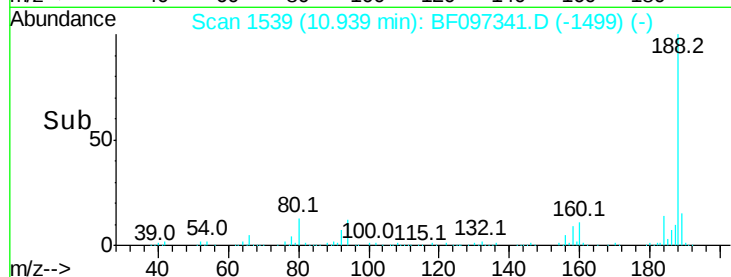
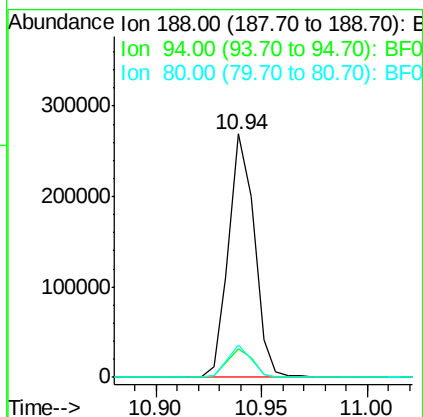
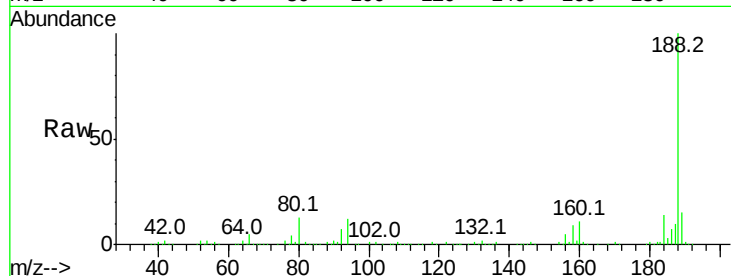




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1539
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

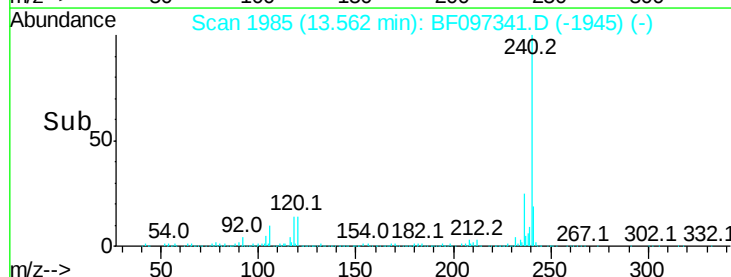
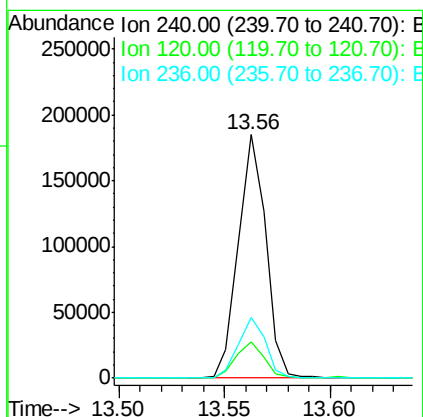
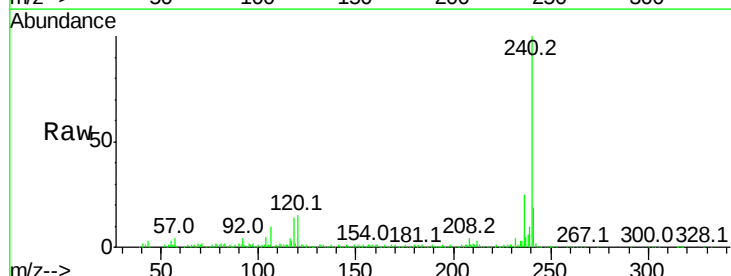
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JC-02-080117-B

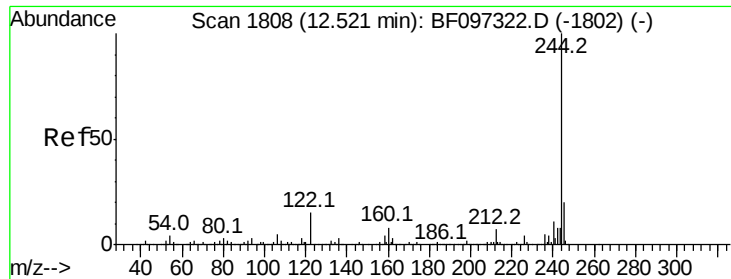
Tot Ion:188 Resp: 227047
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 13.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.06 min
Lab File: BF097341.D
Acq: 4 Aug 2017 2:40

Tgt Ion:240 Resp: 166997
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.1 20.5 30.7

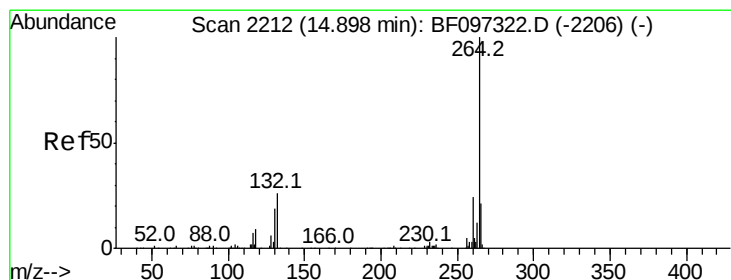
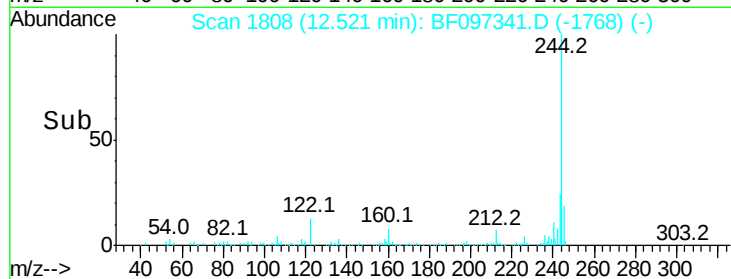
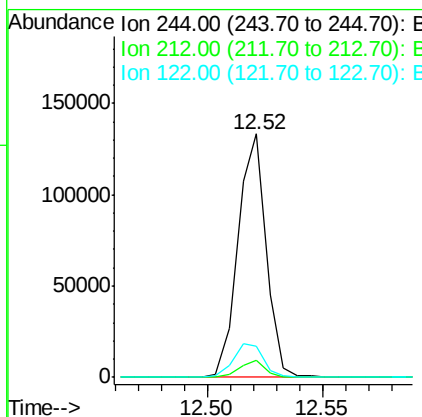
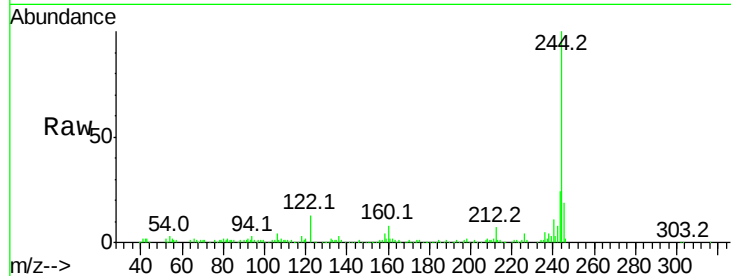




#78
 Terphenyl-d14
 Concen: 13.849 ng
 RT: 12.52 min Scan# 1808
 Delta R.T. -0.06 min
 Lab File: BF097341.D
 Acq: 4 Aug 2017 2:40

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-B

Tot Ion:244 Resp: 113432
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.91 min Scan# 2214
 Delta R.T. -0.06 min
 Lab File: BF097341.D
 Acq: 4 Aug 2017 2:40

Tgt Ion:264 Resp: 106808
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.4 17.2 25.8

