

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097702.D
 Acq On : 15 Aug 2017 20:28
 Operator : SJ/JU
 Sample : I4758-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117

Manual Integrations
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Quant Time: Aug 16 04:59:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	117473	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	456312	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	194220	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	317001	20.00	ng	0.00
75) Chrysene-d12	13.93	240	228557	20.00	ng	0.00
86) Perylene-d12	15.36	264	229554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	164166	21.26	ng	-0.01
7) Phenol-d6	6.40	99	218104	20.78	ng	-0.01
23) Nitrobenzene-d5	7.34	82	118557	14.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	28863	17.13	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	194763	14.73	ng	0.00
78) Terphenyl-d14	12.89	244	112938	10.30	ng	0.00

Target Compounds Qvalue

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

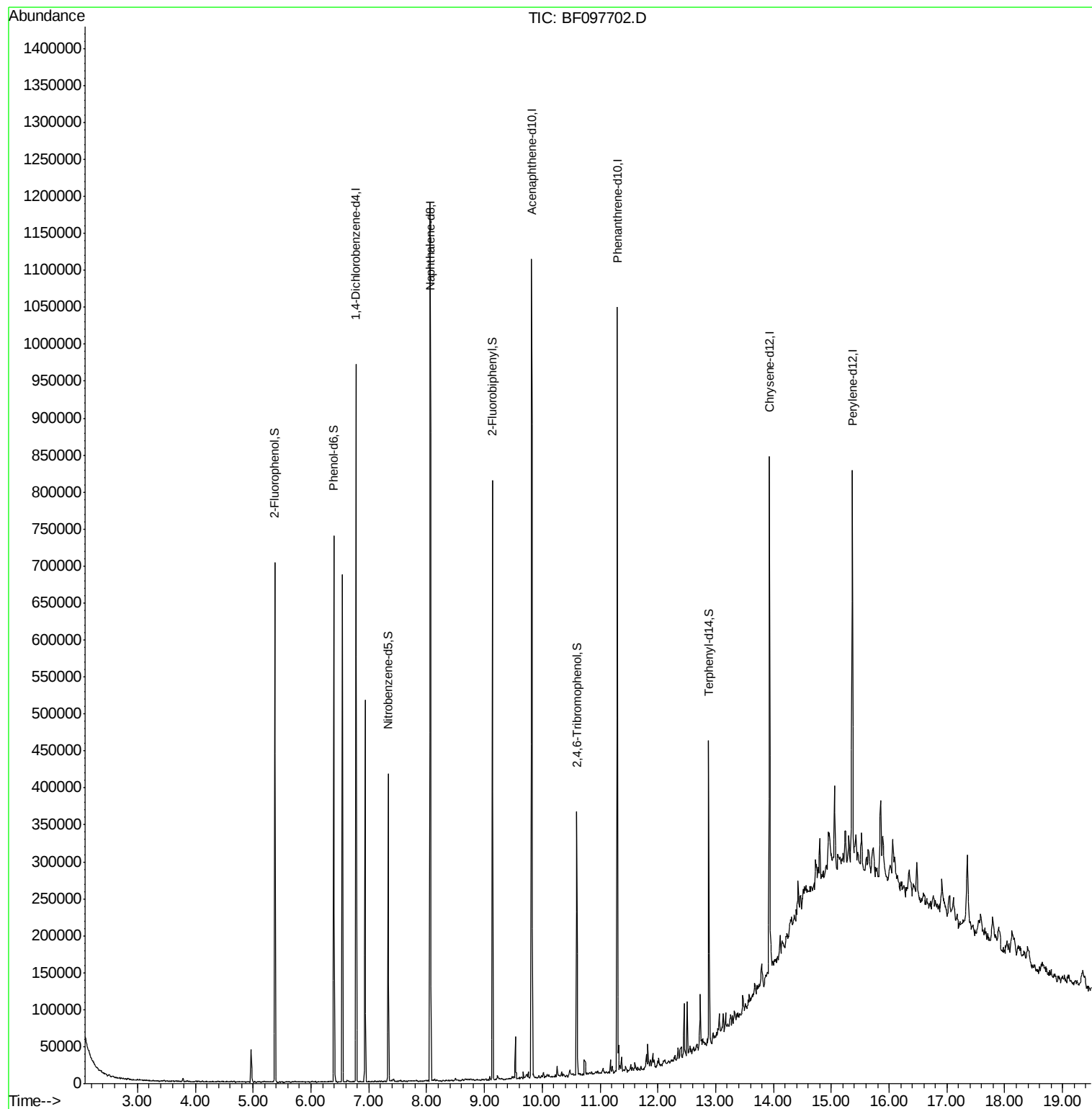
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097702.D
Acq On : 15 Aug 2017 20:28
Operator : SJ/JU
Sample : I4758-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

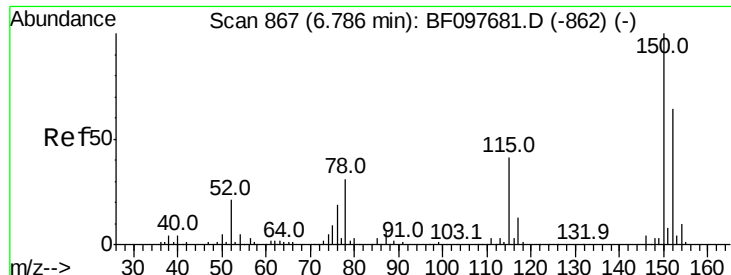
Instrument :
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#1

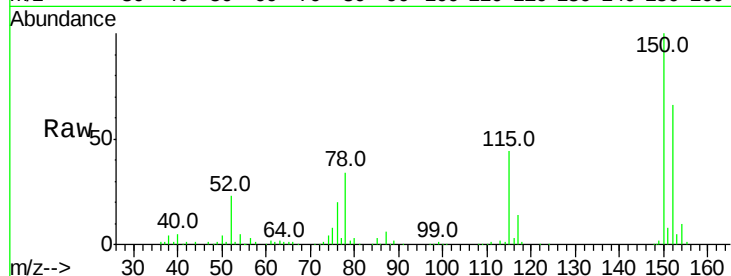
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097702.D
Acq: 15 Aug 2017 20:28

Instrument :
BNA_F
ClientSampleId :
SU-02-081117

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.2
115	67.5	52.2	78.2

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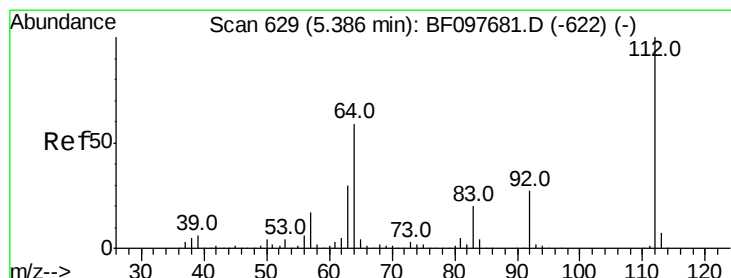
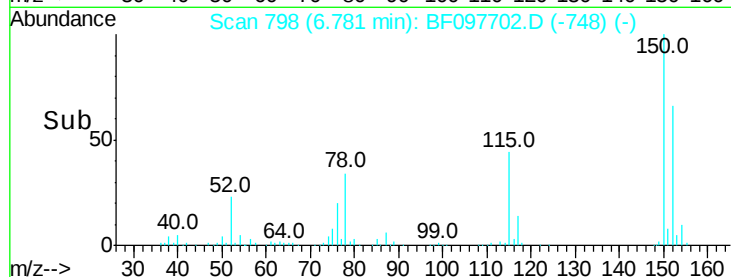
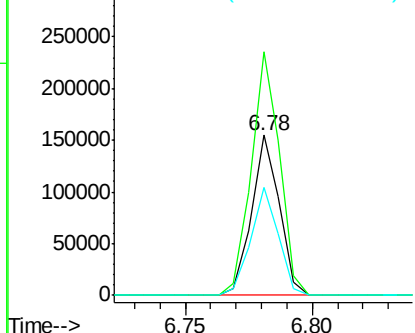


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

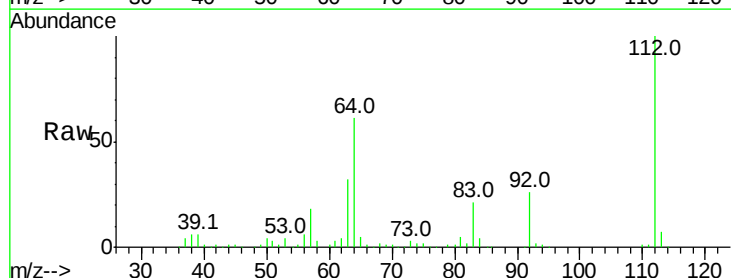
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.257 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097702.D
Acq: 15 Aug 2017 20:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.0	69.0
63	32.4	23.4	35.0

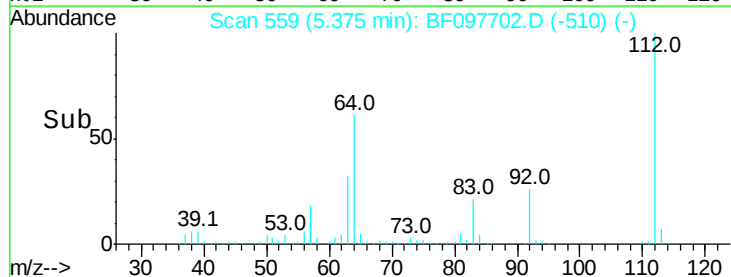
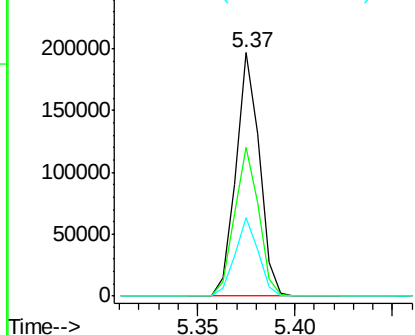


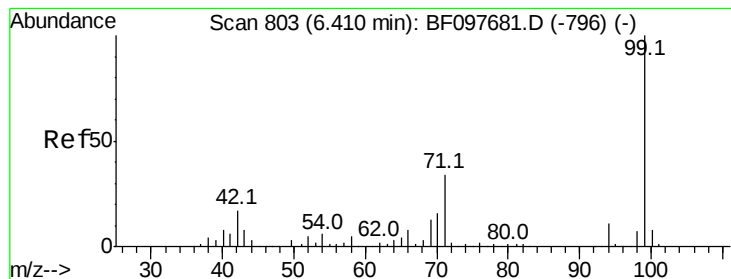
Abundance

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: 20.785 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097702.D

Acq: 15 Aug 2017 20:28

Instrument :

BNA_F

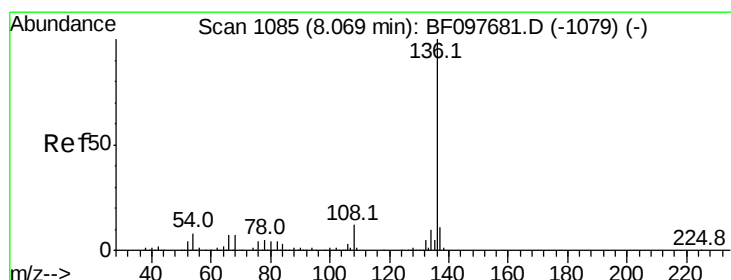
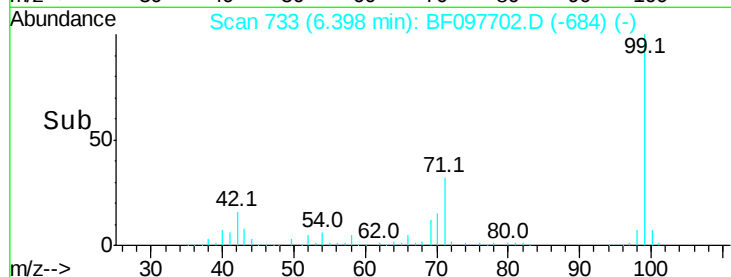
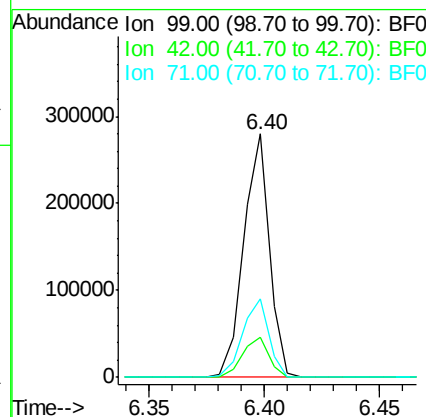
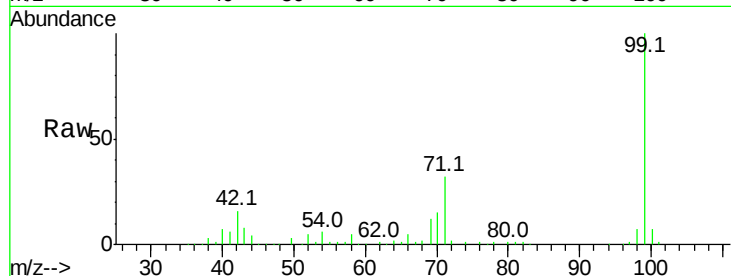
ClientSampleId :

SU-02-081117

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		218104		
42	16.3	13.5	20.3		
71	32.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

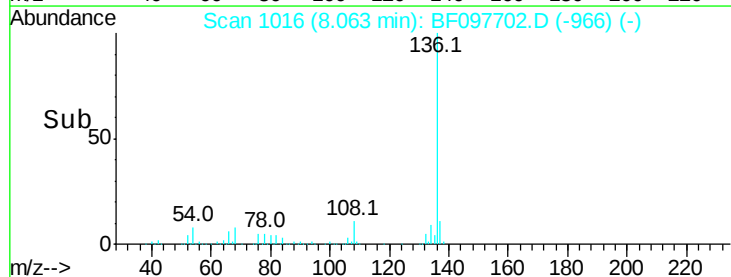
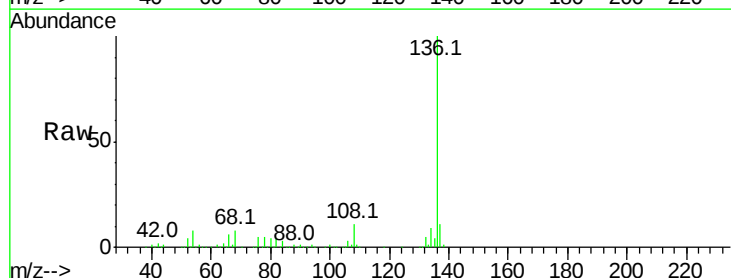
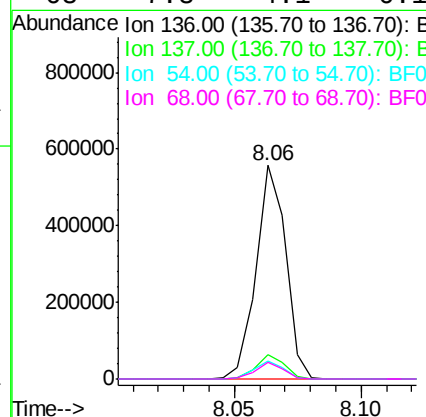
RT: 8.06 min Scan# 1016

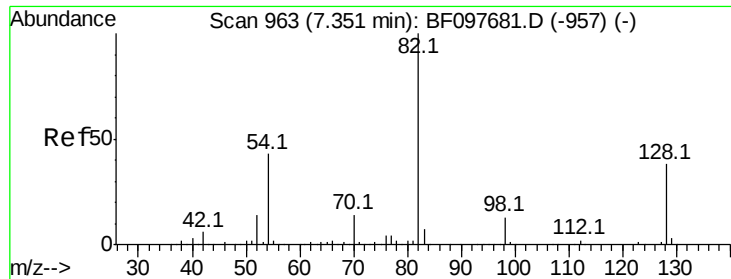
Delta R.T. -0.01 min

Lab File: BF097702.D

Acq: 15 Aug 2017 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		456312		
137	11.4	8.5	12.7		
54	8.4	4.9	7.3#		
68	7.8	4.1	6.1#		





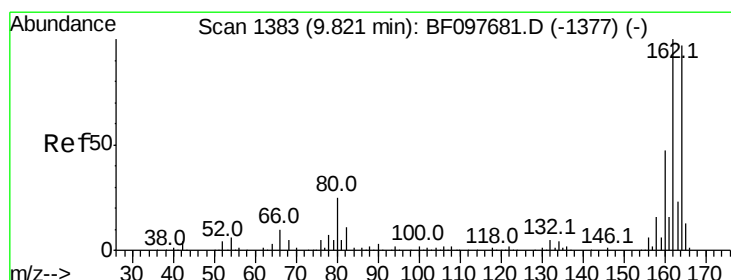
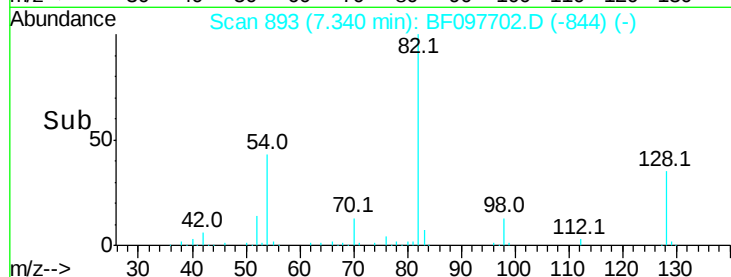
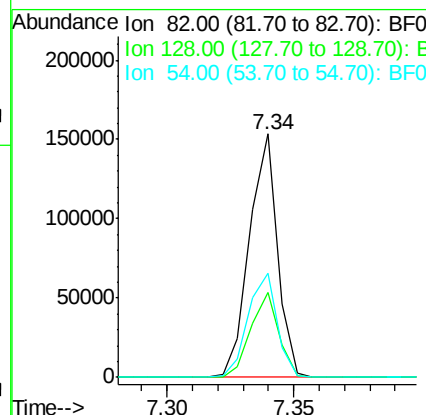
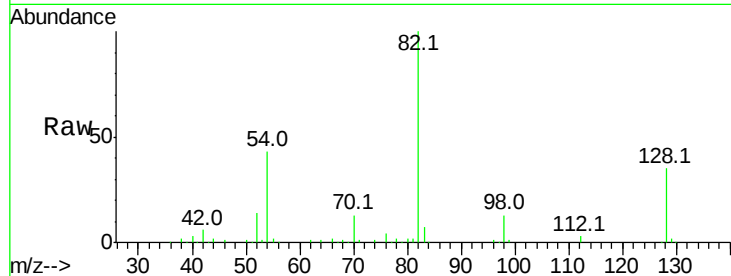
#23
 Nitrobenzene-d5
 Concen: 14.114 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097702.D
 Acq: 15 Aug 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.7	34.0	51.0	
54	42.7	42.2	63.2	

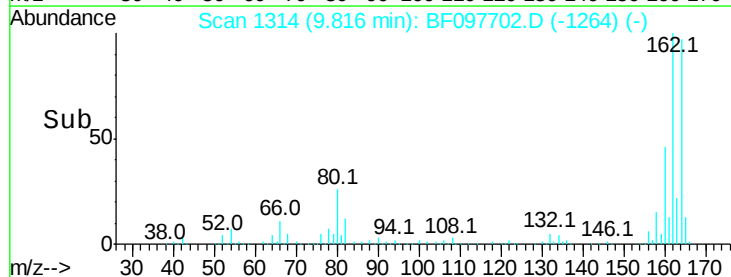
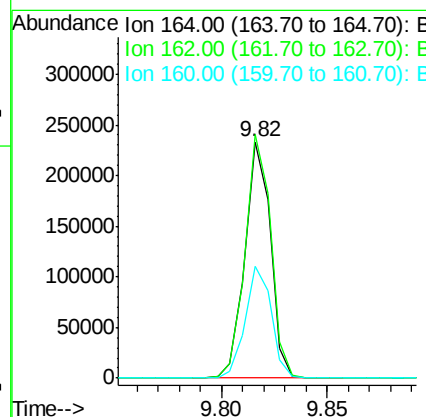
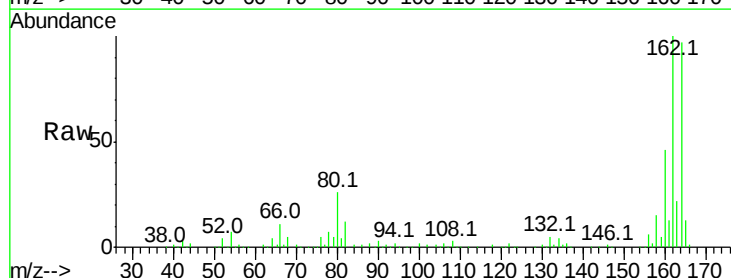
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097702.D
 Acq: 15 Aug 2017 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	82.6	123.8	
160	47.2	36.2	54.2	





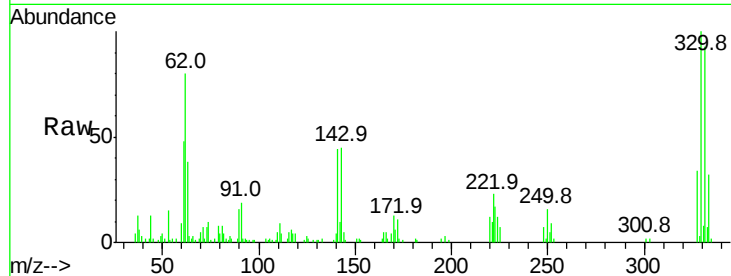
#41
 2,4,6-Tribromophenol
 Concen: 17.128 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097702.D
 Acq: 15 Aug 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117

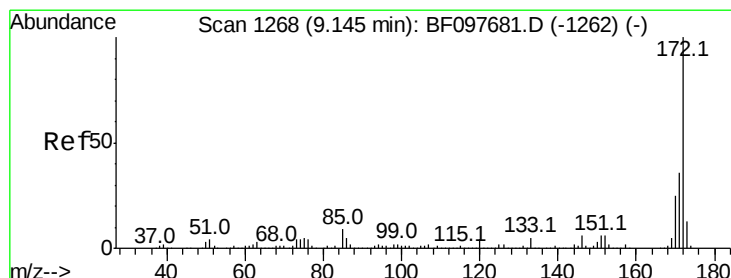
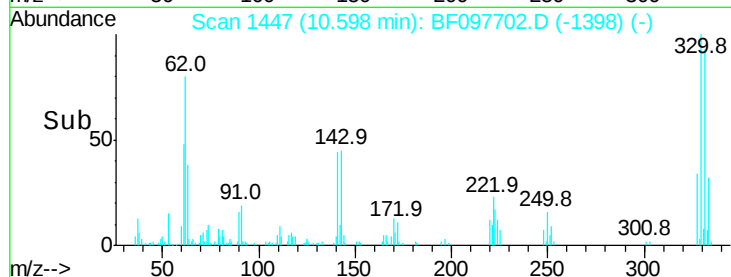
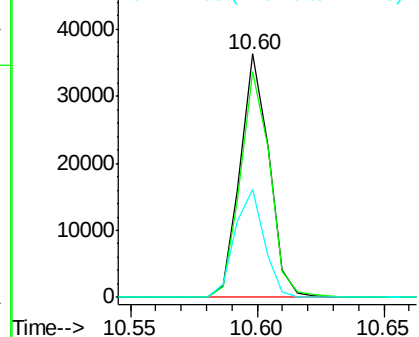
Tot Ion	Ratio	Resp	Lower	Upper
330	100	28863		
332	94.6		76.6	115.0
141	44.7		31.4	47.2

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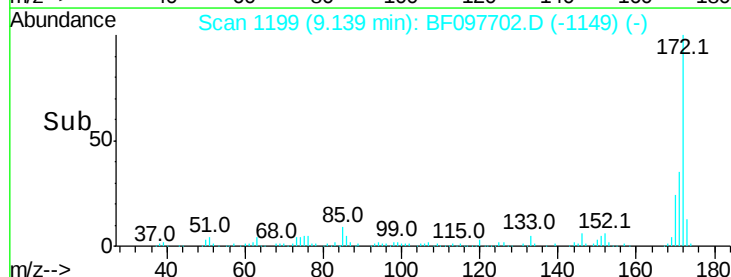
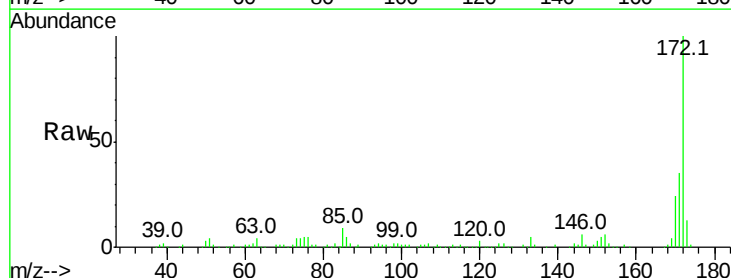
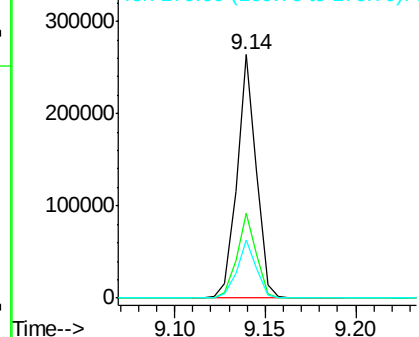
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

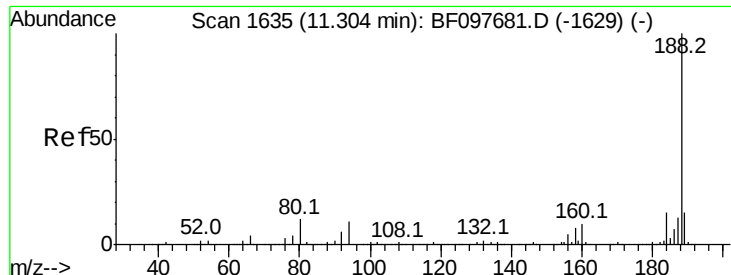


#44
 2-Fluorobiphenyl
 Concen: 14.733 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097702.D
 Acq: 15 Aug 2017 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	194763		
171	35.1		29.6	44.4
170	23.9		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





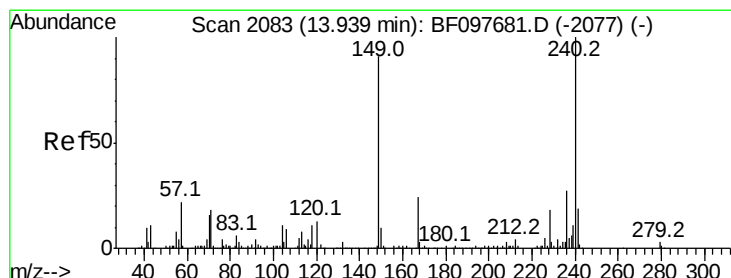
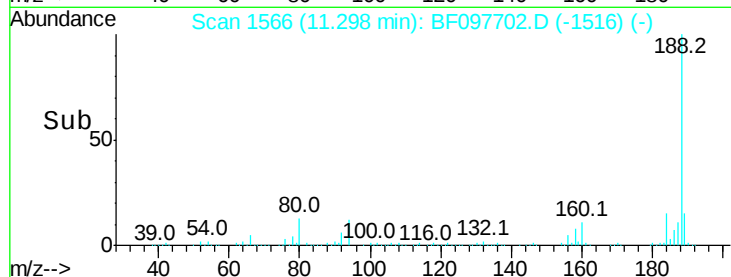
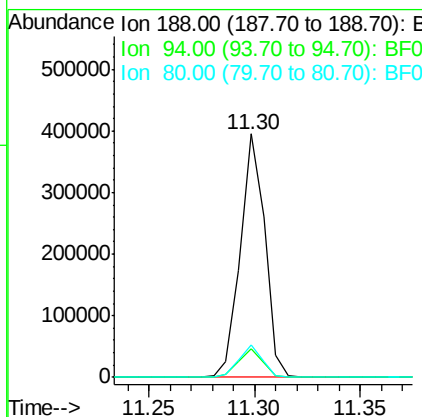
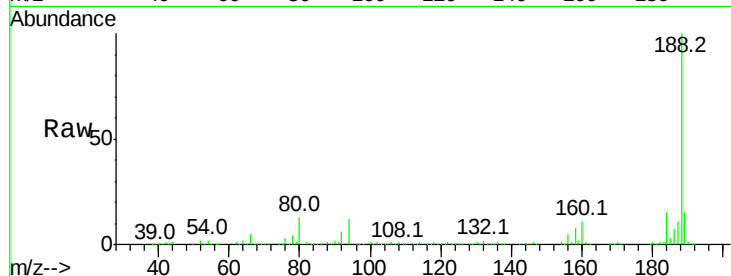
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097702.D
Acq: 15 Aug 2017 20:28

Instrument :
BNA_F
ClientSampled :
SU-02-081117

Tot Ion:	188	Resp:	317001
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.4	14.2
80	13.4	10.2	15.2

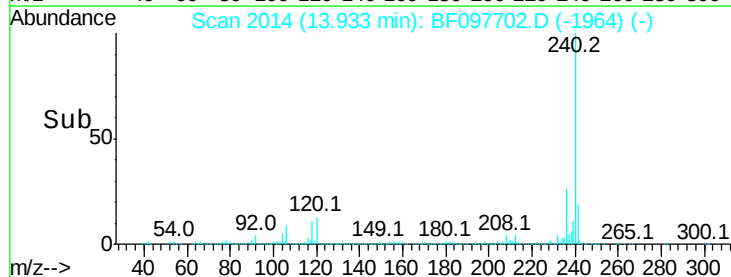
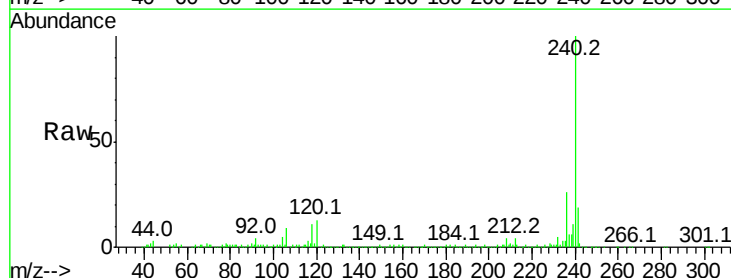
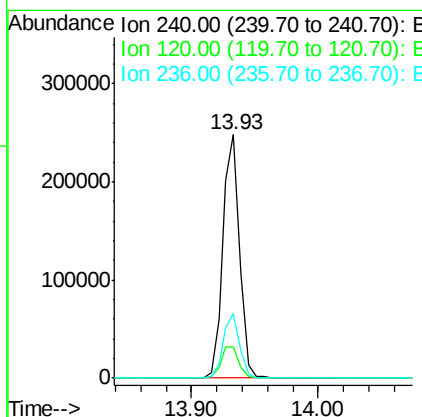
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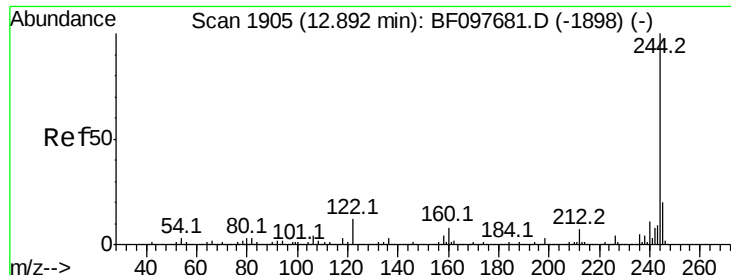
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097702.D
Acq: 15 Aug 2017 20:28

Tgt Ion:	240	Resp:	228557
Ion Ratio	Lower	Upper	
240	100		
120	13.0	5.8	8.8#
236	26.2	20.5	30.7





#78

Terphenyl-d14

Concen: 10.304 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097702.D

Acq: 15 Aug 2017 20:28

Instrument :

BNA_F

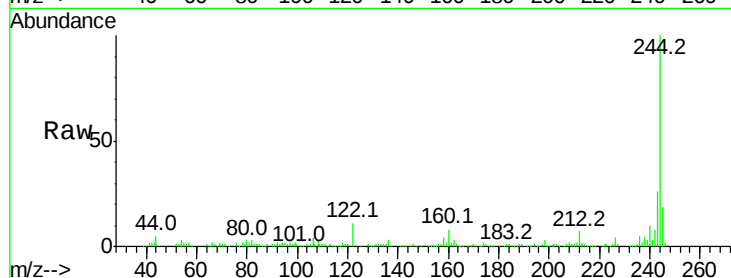
ClientSampleId :

SU-02-081117

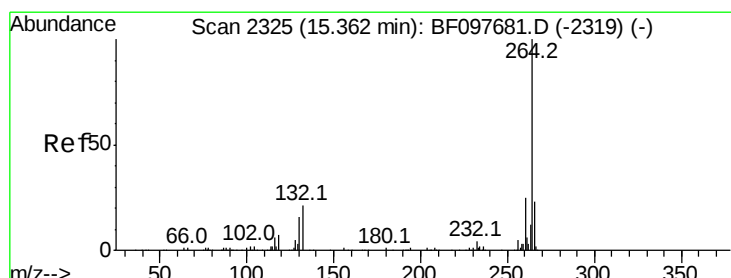
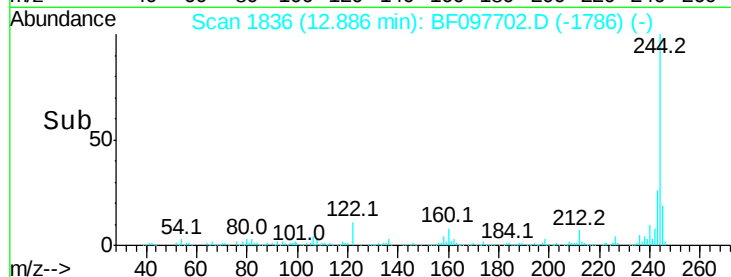
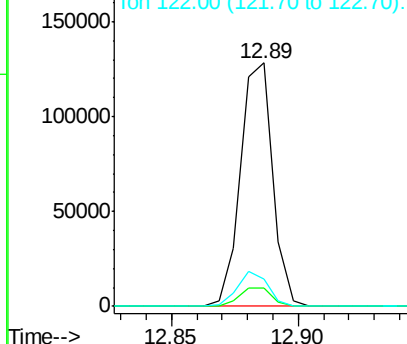
Tot Ion:	244	Resp:	112938
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	11.1	10.3	15.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

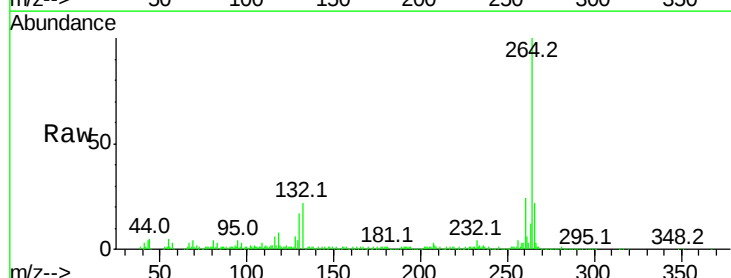
RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097702.D

Acq: 15 Aug 2017 20:28

Tgt Ion:	264	Resp:	229554
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	22.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

