

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097285.D
 Acq On : 2 Aug 2017 20:43
 Operator : SJ/JU
 Sample : I4543-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-073117-C

Manual Integrations
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Quant Time: Aug 02 23:57:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	123118	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	453457	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	192488	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	281826	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	218510	20.00	ng	-0.05
86) Perylene-d12	14.92	264	156601	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	34073	4.17	ng	-0.04
7) Phenol-d6	6.13	99	38343	4.11	ng	-0.04
23) Nitrobenzene-d5	7.02	82	23259	3.01	ng	-0.05
41) 2,4,6-Tribromophenol	10.27	330	5986	3.94	ng	-0.05
44) 2-Fluorobiphenyl	8.81	172	41771	3.68	ng	-0.06
78) Terphenyl-d14	12.53	244	24526	2.29	ng	-0.05

Target Compounds Qvalue

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

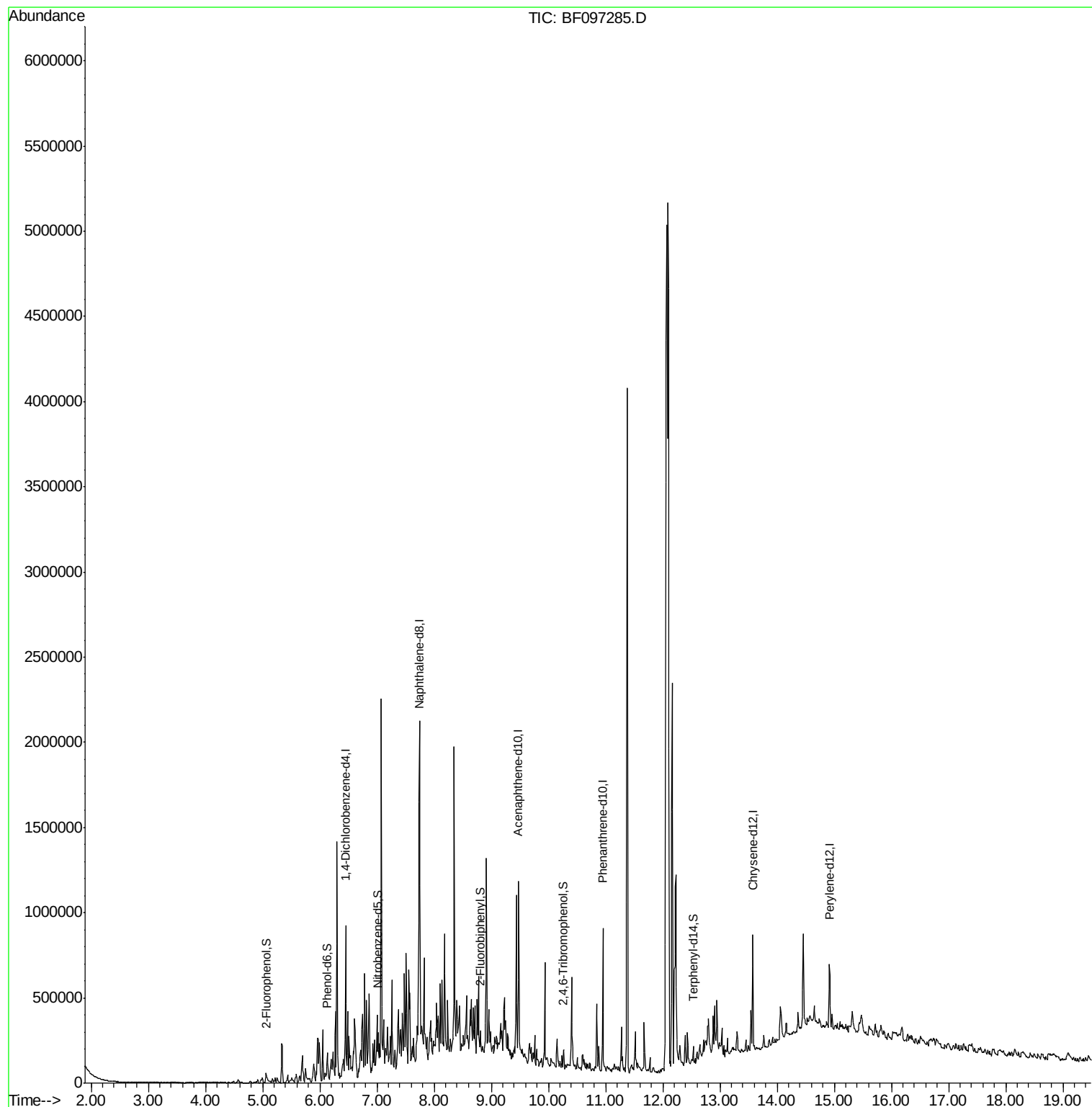
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
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ALS Vial : 16 Sample Multiplier: 1

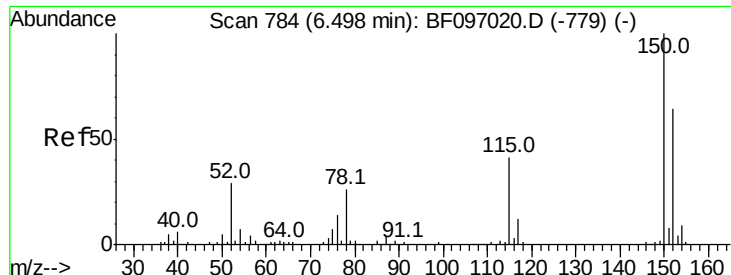
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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#1

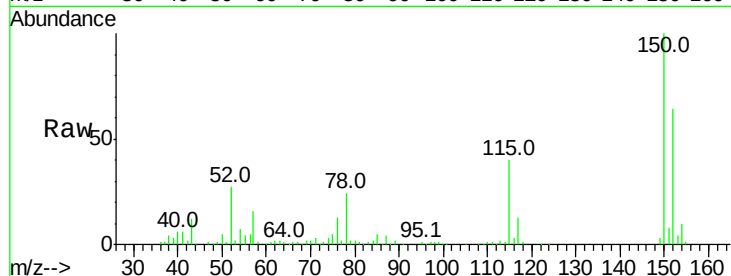
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097285.D
Acq: 2 Aug 2017 20:43

Instrument :
BNA_F
ClientSampleId :
HR-05-073117-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	62.4	52.2	78.2

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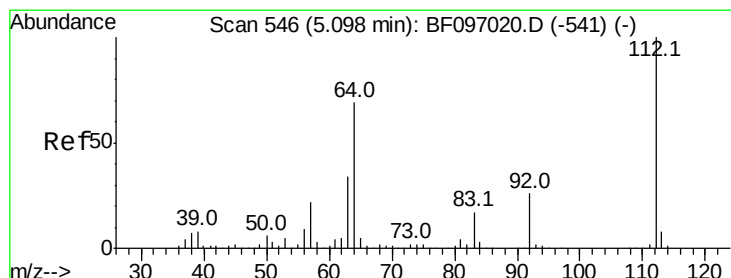
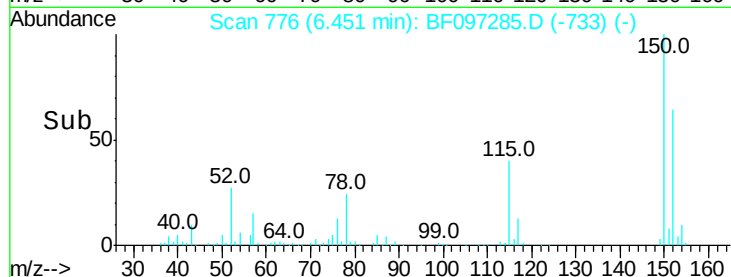
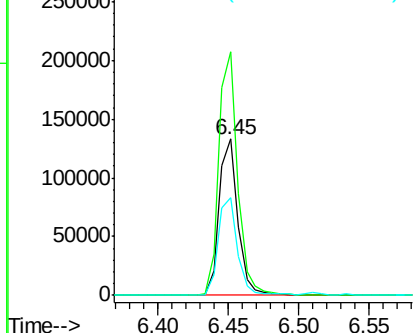


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

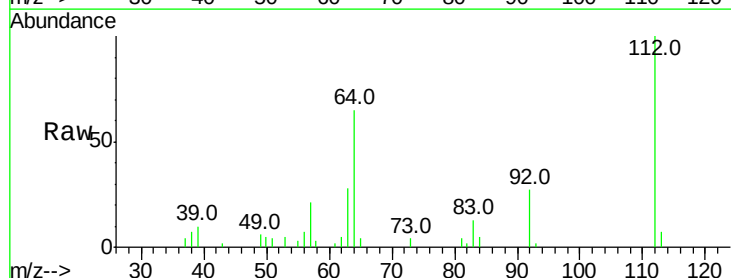
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.172 ng
RT: 5.06 min Scan# 539
Delta R.T. -0.04 min
Lab File: BF097285.D
Acq: 2 Aug 2017 20:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	28.4	23.4	35.0

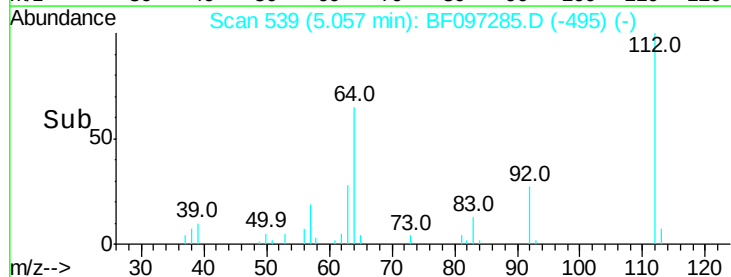
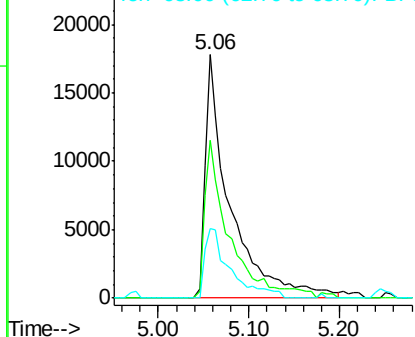


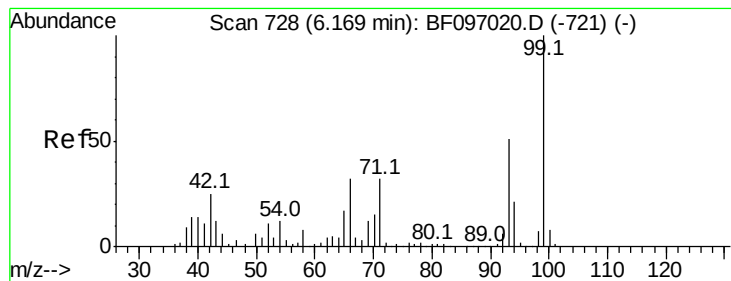
Abundance

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: 4.112 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF097285.D

Acq: 2 Aug 2017 20:43

Instrument :

BNA_F

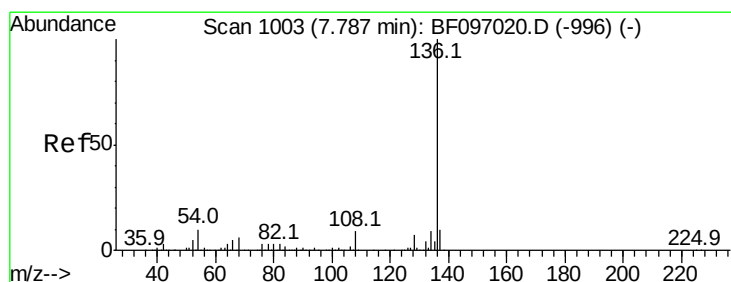
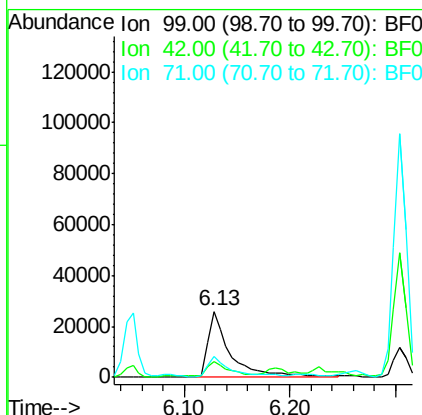
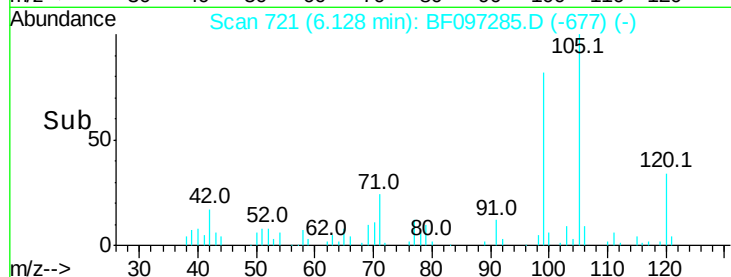
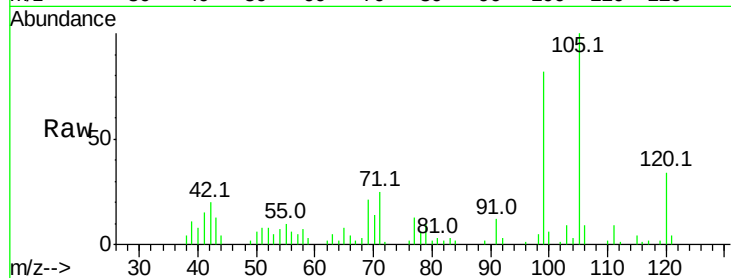
ClientSampleId :

HR-05-073117-C

Tot Ion:	99	Resp:	38343
Ion Ratio	Lower	Upper	
99	100		
42	24.2	13.5	20.3#
71	31.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

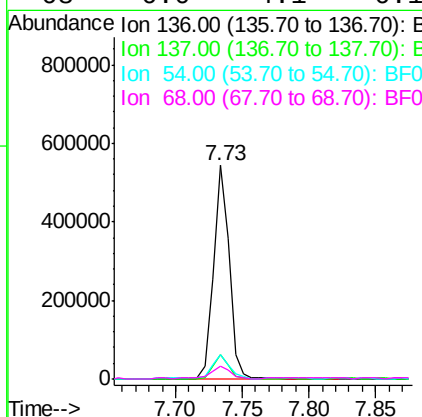
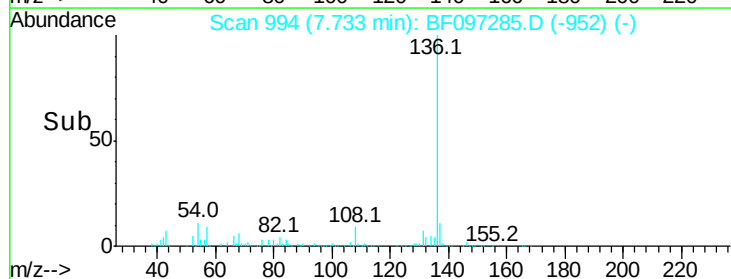
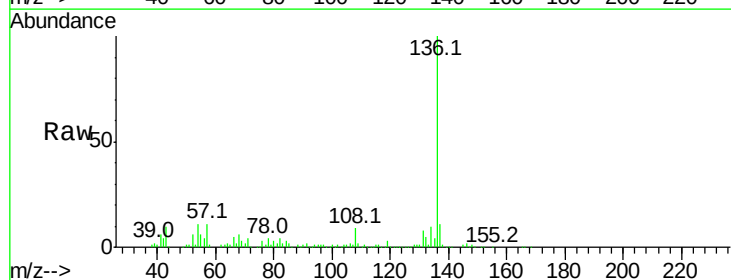
RT: 7.73 min Scan# 994

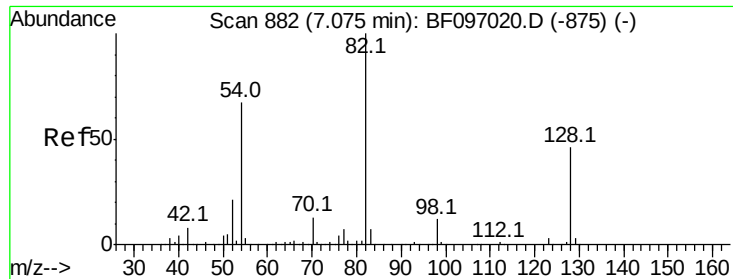
Delta R.T. -0.05 min

Lab File: BF097285.D

Acq: 2 Aug 2017 20:43

Tgt Ion:	136	Resp:	453457
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	11.4	4.9	7.3#
68	6.0	4.1	6.1





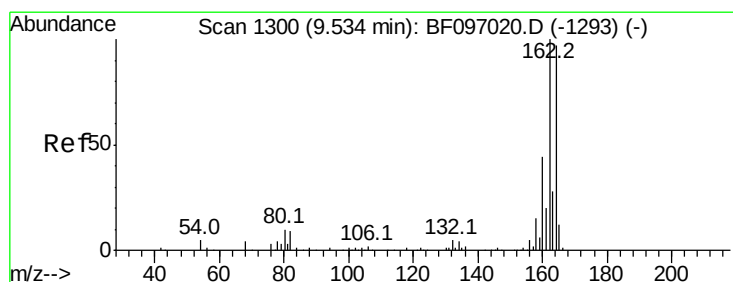
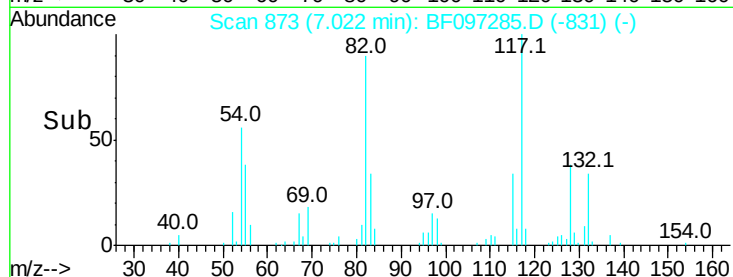
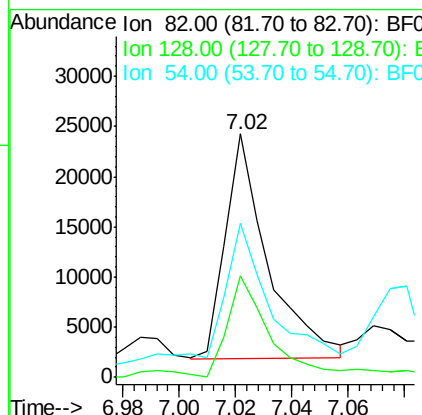
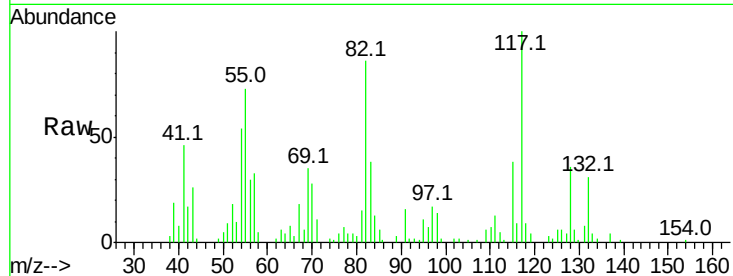
#23
Nitrobenzene-d5
Concen: 3.009 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097285.D
Acq: 2 Aug 2017 20:43

Instrument :
BNA_F
ClientSampleId :
HR-05-073117-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.0	51.0
54	63.2	42.2	63.2

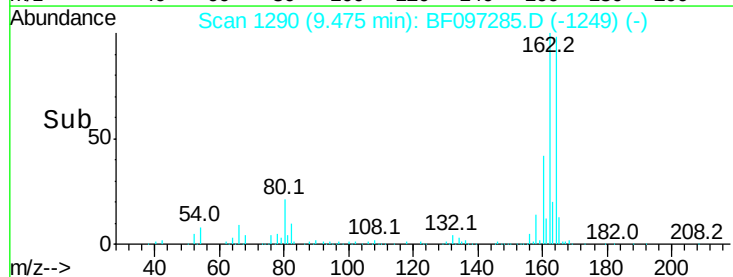
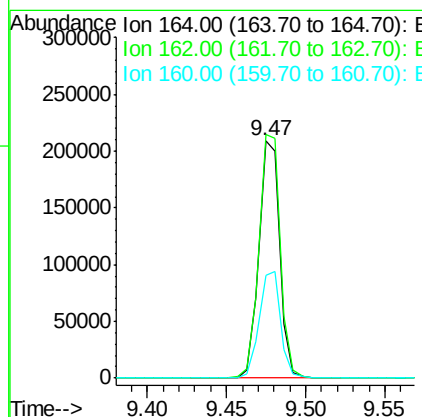
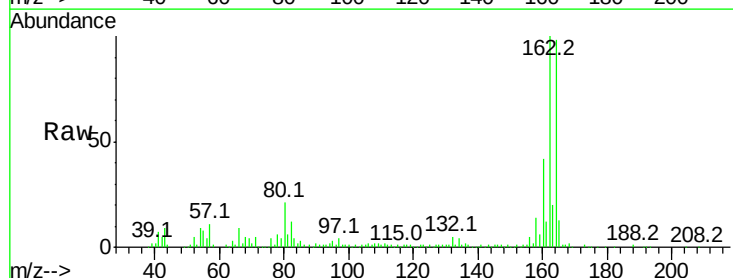
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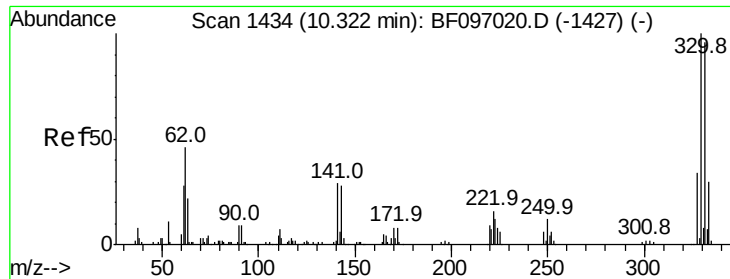
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF097285.D
Acq: 2 Aug 2017 20:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	43.4	36.2	54.2





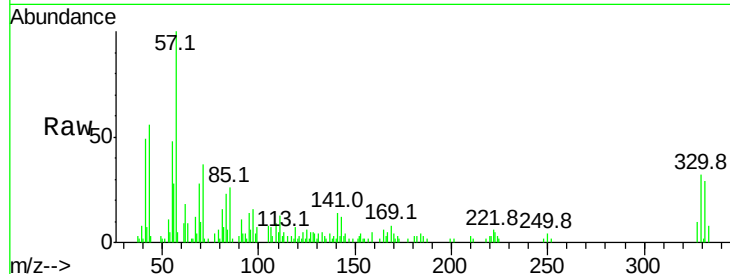
#41
 2,4,6-Tribromophenol
 Concen: 3.936 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.05 min
 Lab File: BF097285.D
 Acq: 2 Aug 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-073117-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	92.5	76.6	115.0	
141	43.8	31.4	47.2	

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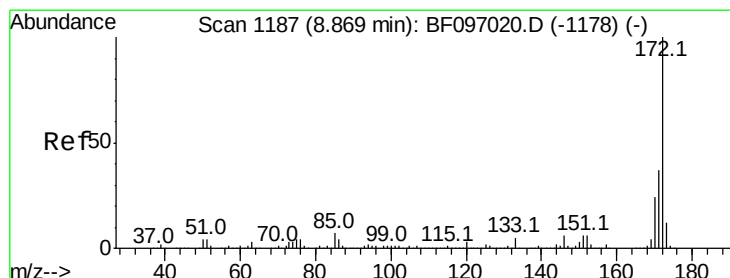
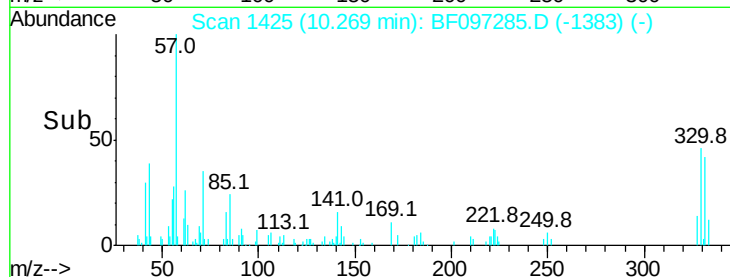
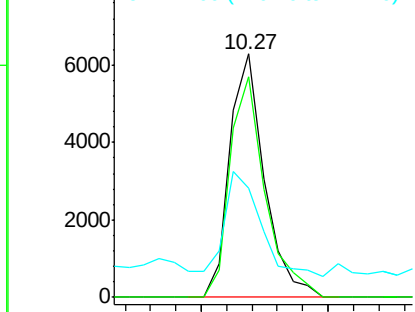


Abundance

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: 3.683 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.06 min
 Lab File: BF097285.D
 Acq: 2 Aug 2017 20:43

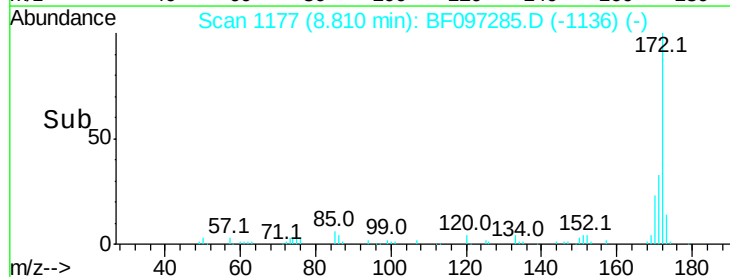
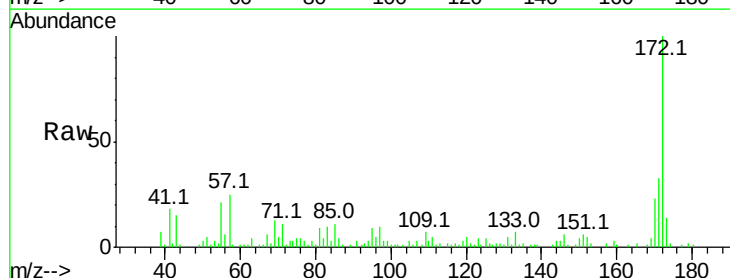
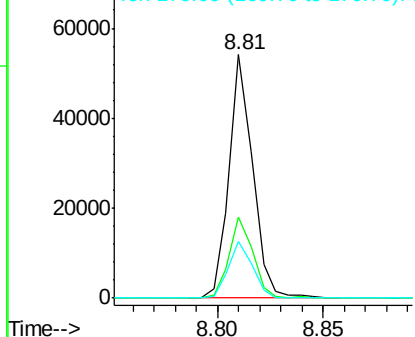
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.1	29.6	44.4	
170	23.1	19.8	29.8	

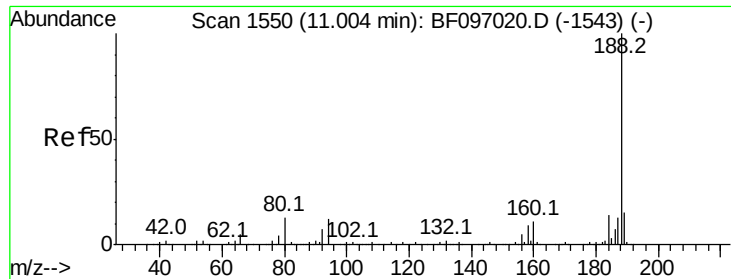
Abundance

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





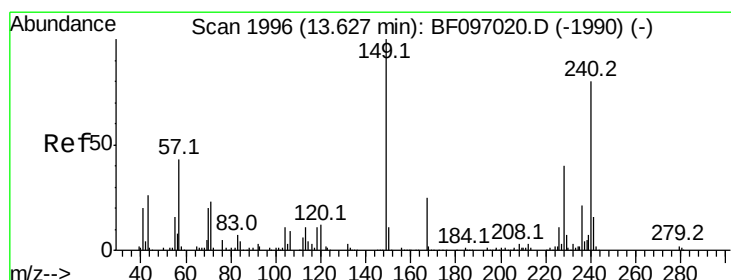
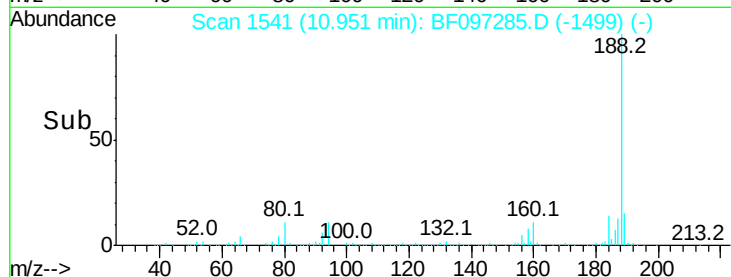
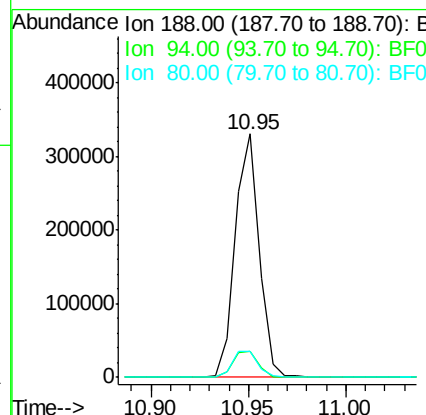
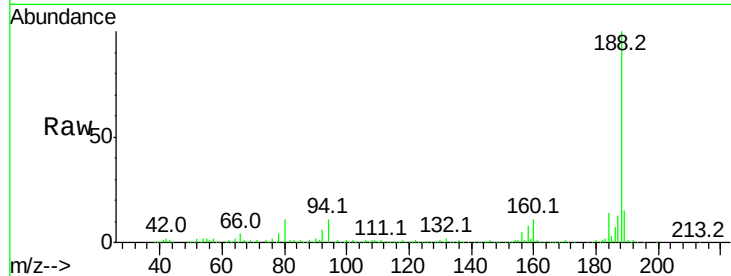
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097285.D
Acq: 2 Aug 2017 20:43

Instrument :
BNA_F
ClientSampleId :
HR-05-073117-C

Tot Ion	Ratio	Resp	Lower	Upper
188	100	281826		
94	10.7		9.4	14.2
80	10.9		10.2	15.2

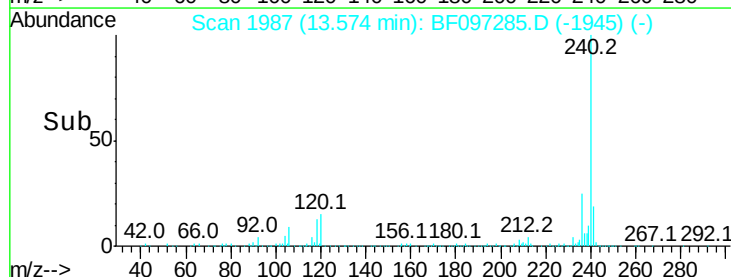
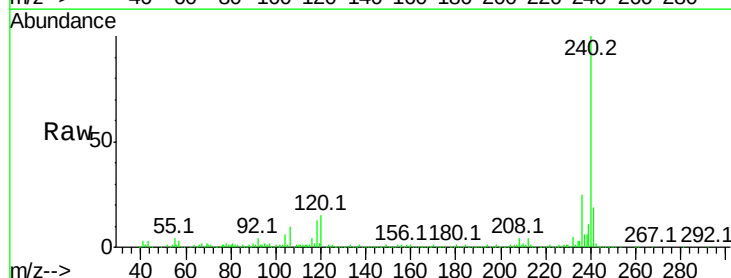
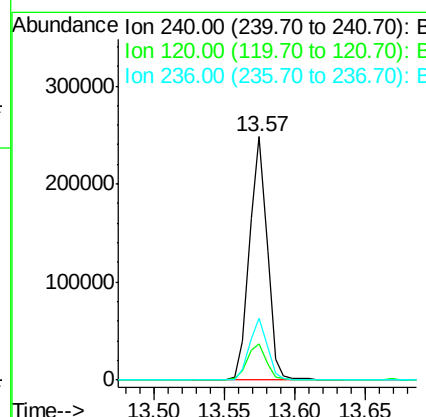
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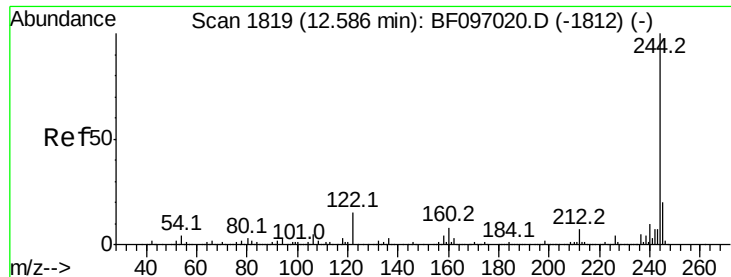
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1987
Delta R.T. -0.05 min
Lab File: BF097285.D
Acq: 2 Aug 2017 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	218510		
120	15.1		5.8	8.8#
236	25.2		20.5	30.7





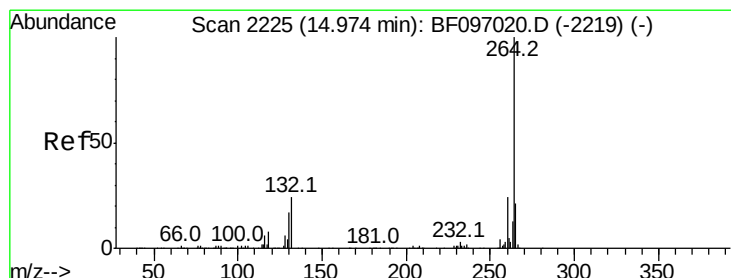
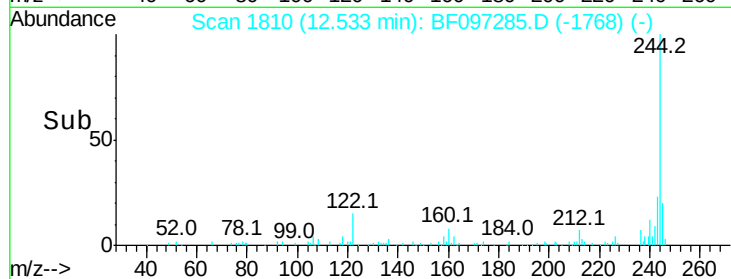
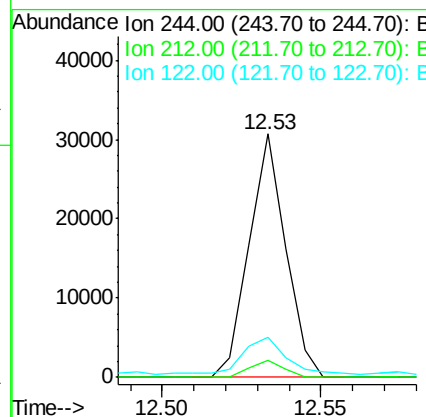
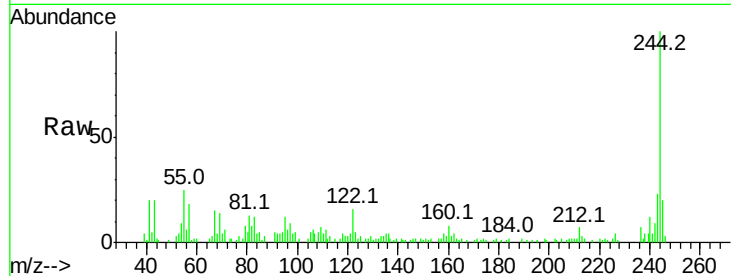
#78
 Terphenyl-d14
 Concen: 2.288 ng
 RT: 12.53 min Scan# 1819
 Delta R.T. -0.05 min
 Lab File: BF097285.D
 Acq: 2 Aug 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-073117-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	16.3	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.92 min Scan# 2215
 Delta R.T. -0.06 min
 Lab File: BF097285.D
 Acq: 2 Aug 2017 20:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.8	17.2	25.8

