

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092982.D
 Acq On : 16 Feb 2017 7:49
 Operator : SJ/MA
 Sample : I1832-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B1-002

Manual Integrations
 APPROVED

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 2/16/2017 11:39:52 AM

Quant Time: Feb 16 08:18:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	146258m	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	612705	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	301410	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	498195	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	319767	20.00	ng	-0.03
86) Perylene-d12	15.46	264	208908	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1228409	144.09	ng	0.00
7) Phenol-d6	6.51	99	1223106	111.51	ng	-0.02
23) Nitrobenzene-d5	7.44	82	904973	82.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	318359	146.04	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1563110	93.95	ng	-0.01
78) Terphenyl-d14	12.98	244	1358353	99.81	ng	-0.01

Target Compounds Qvalue

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

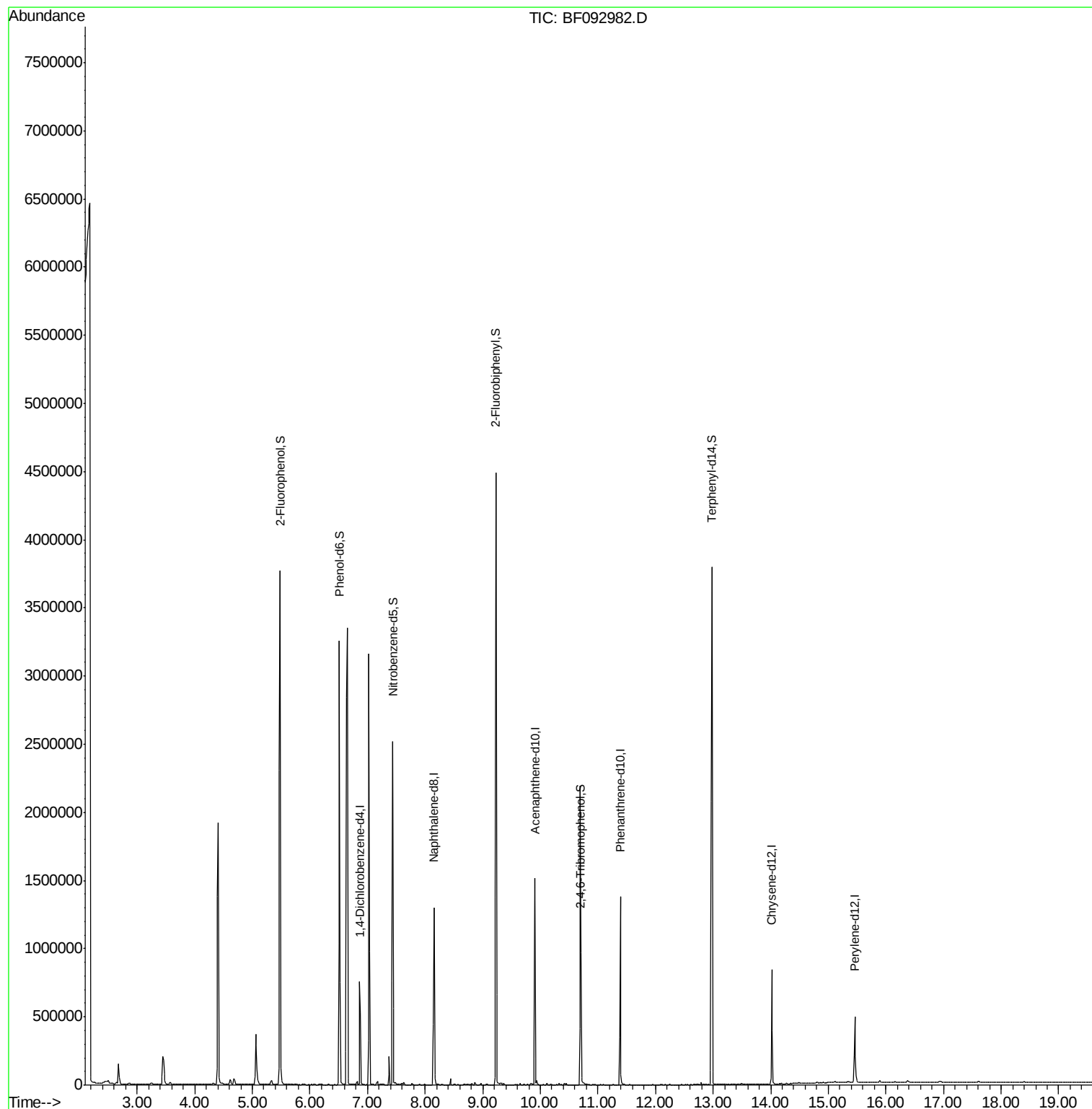
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092982.D
Acq On : 16 Feb 2017 7:49
Operator : SJ/MA
Sample : I1832-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

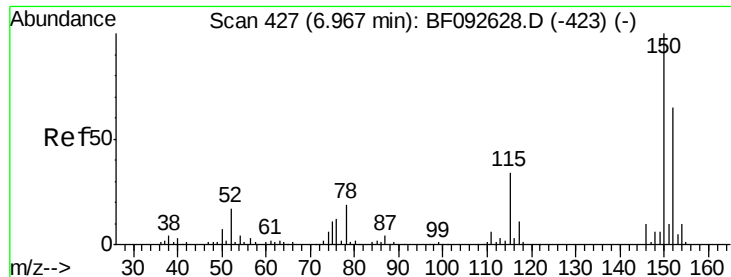
Instrument :
BNA_F
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#1

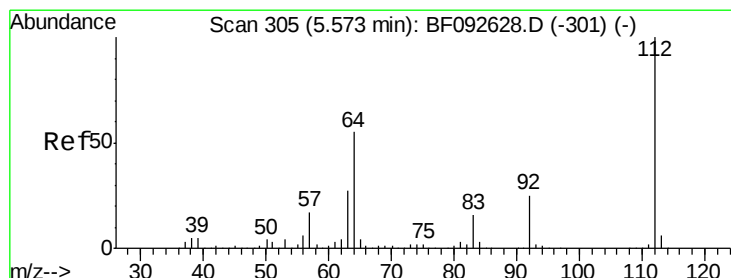
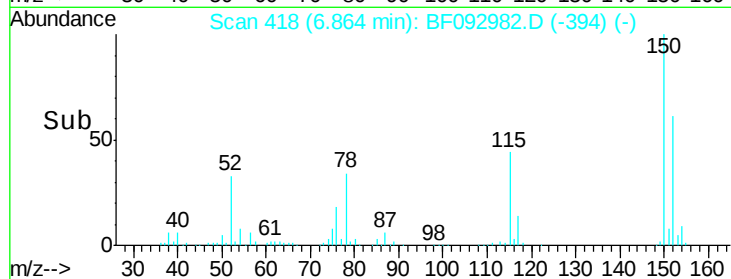
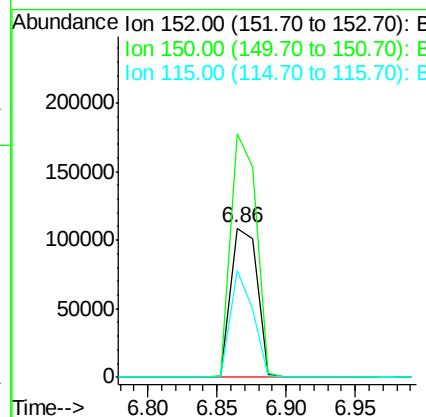
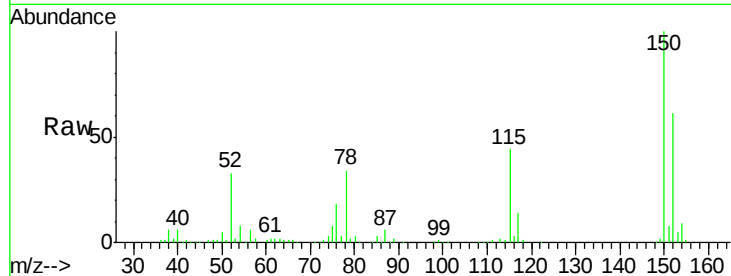
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.86 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

Instrument :
BNA_F
ClientSampleId :
WC-B1-002

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.4	124.9	187.3
115	71.6	46.0	69.0

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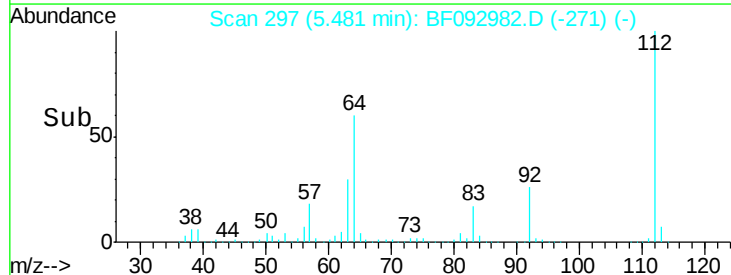
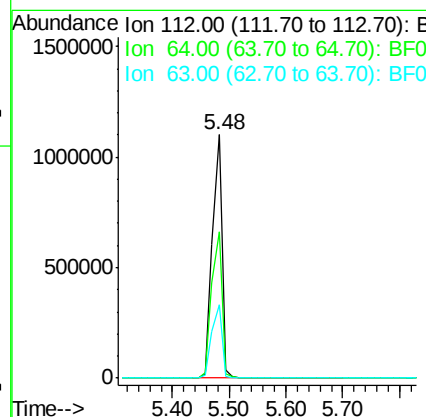
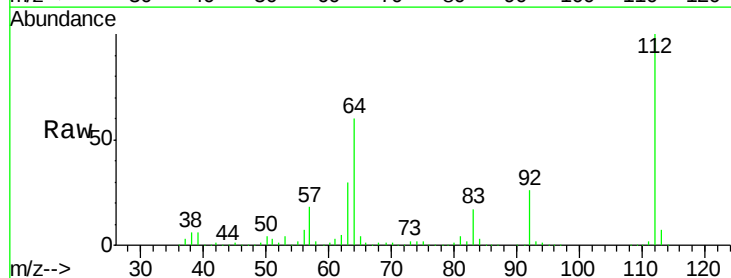
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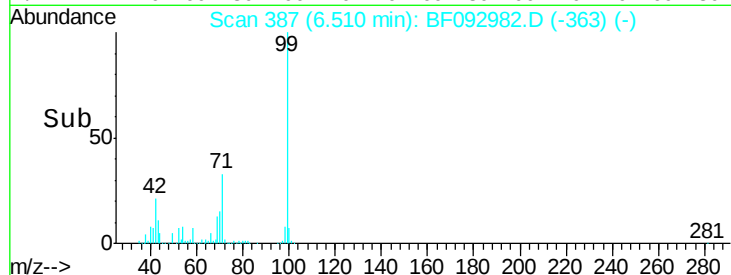
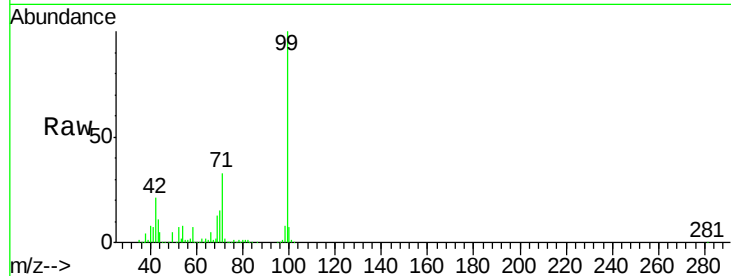
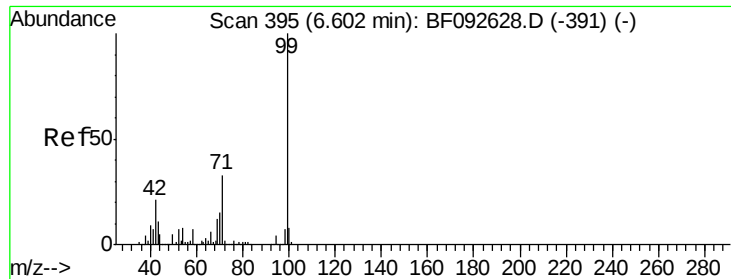


#5

2-Fluorophenol
Concen: 144.09 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	46.1	69.1
63	30.1	23.8	35.6





#7

Phenol-d6

Concen: 111.51 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092982.D

Acq: 16 Feb 2017 7:49

Tgt Ion:	99	Resp:	1223106
Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.6	23.4
71	33.4	27.5	41.3

Instrument :

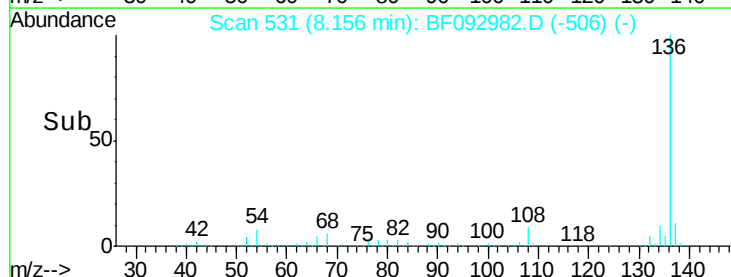
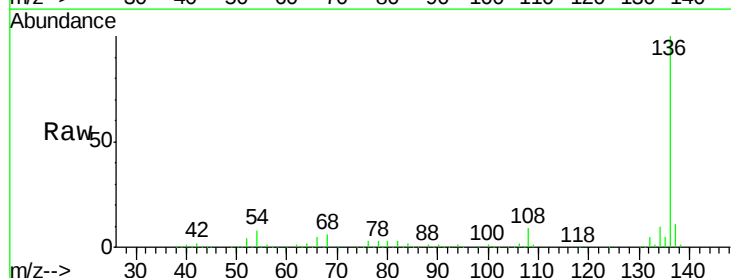
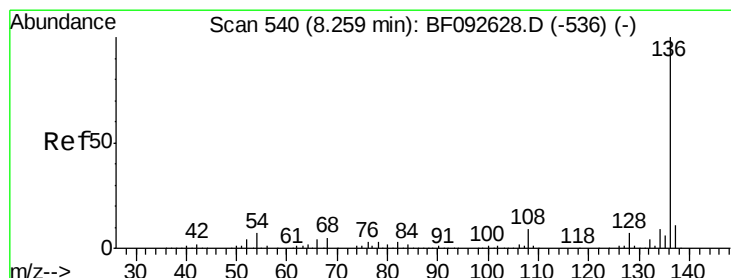
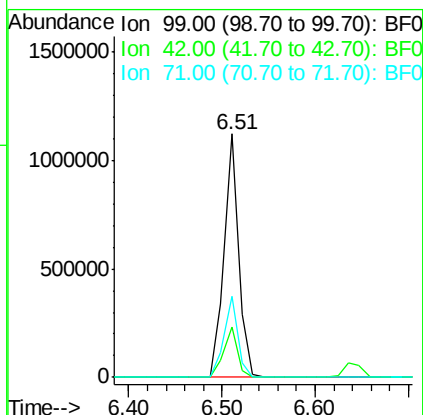
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

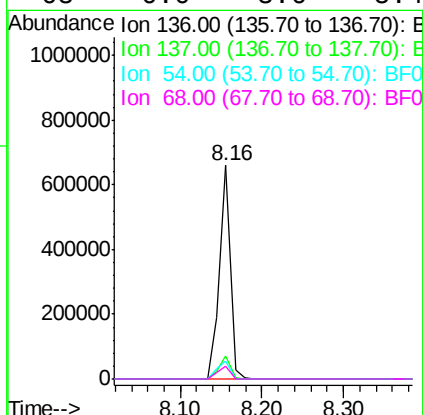
RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092982.D

Acq: 16 Feb 2017 7:49

Tgt Ion:	136	Resp:	612705
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.5	4.5	6.7#
68	6.0	3.6	5.4#





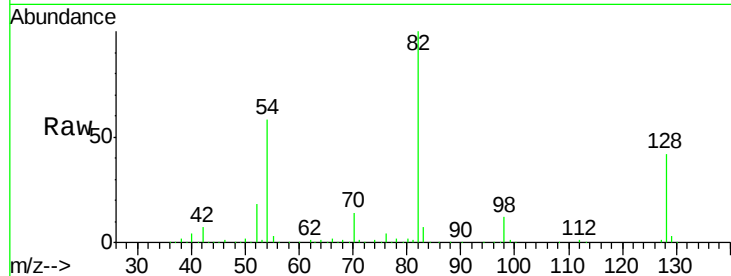
#23
 Nitrobenzene-d5
 Concen: 82.25 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092982.D
 Acq: 16 Feb 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-B1-002

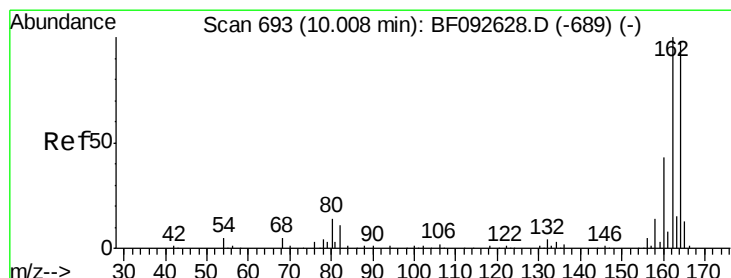
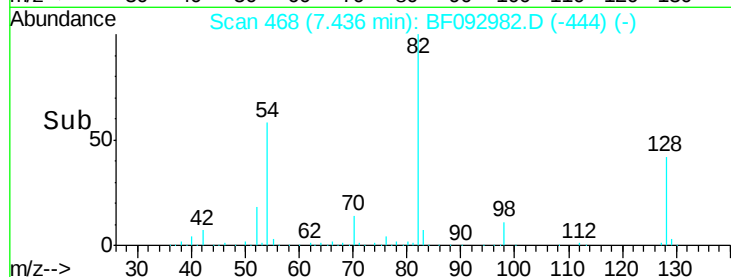
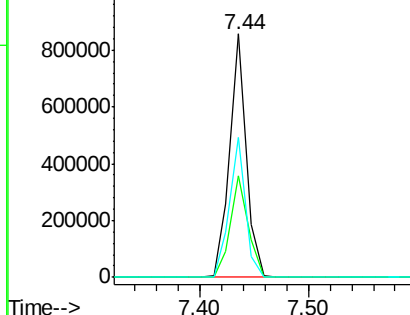
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	904973		
128	41.7	34.6	52.0	
54	57.6	39.5	59.3	

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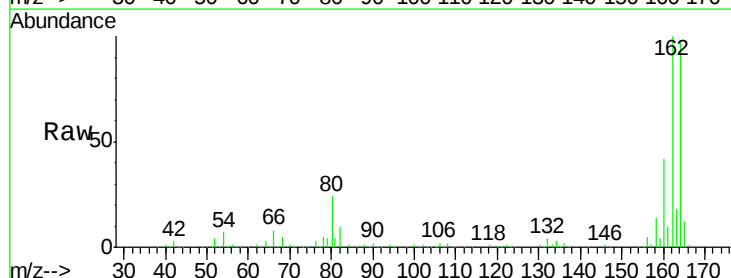


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

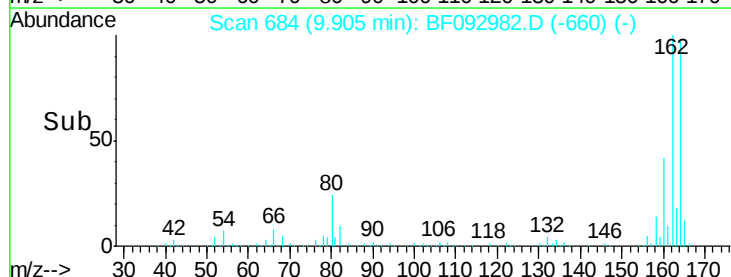
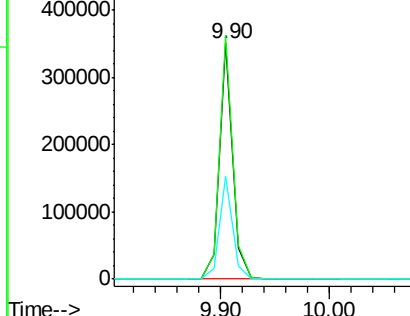


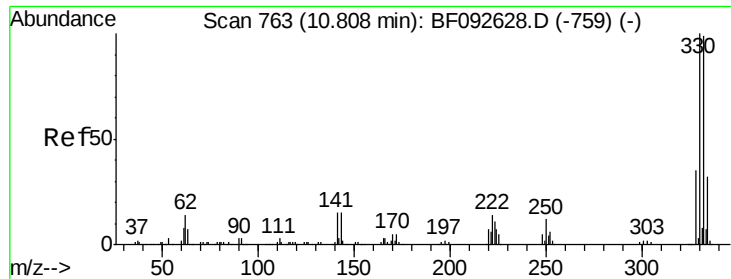
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092982.D
 Acq: 16 Feb 2017 7:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	301410		
162	103.3	80.2	120.2	
160	43.6	36.9	55.3	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





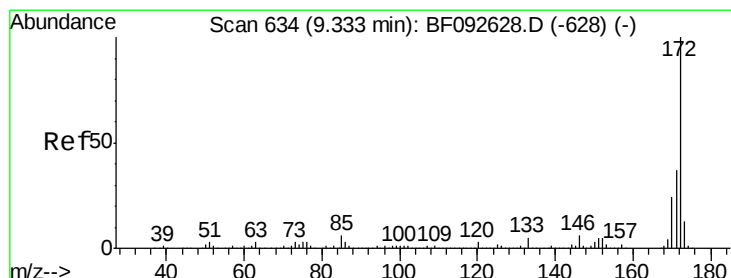
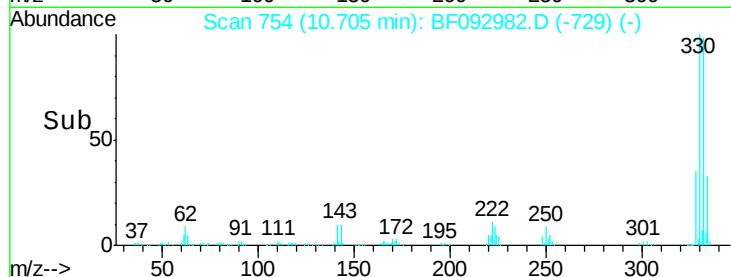
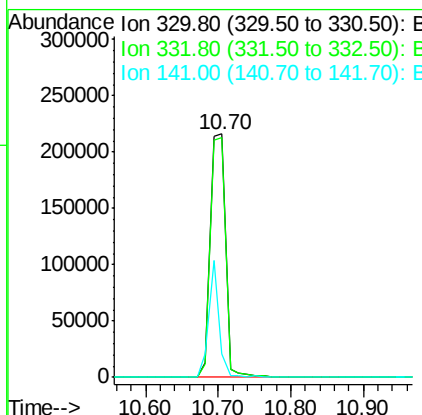
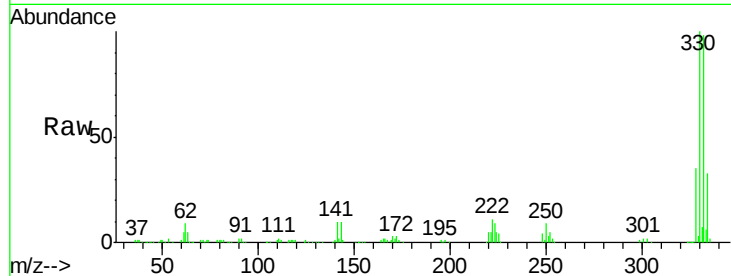
#41
 2,4,6-Tribromophenol
 Concen: 146.04 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092982.D
 Acq: 16 Feb 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :
 WC-B1-002

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	318359		
332	98.4	77.4	116.2	
141	32.9	34.1	51.1#	

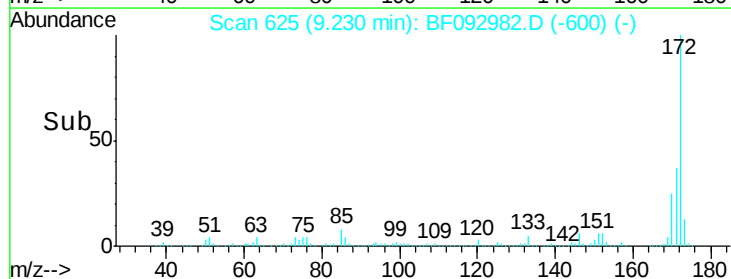
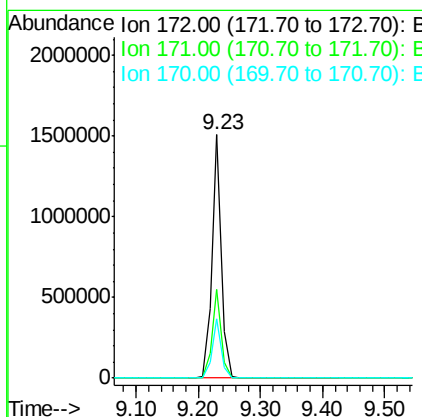
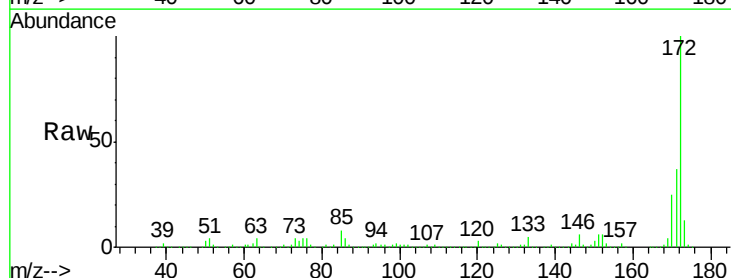
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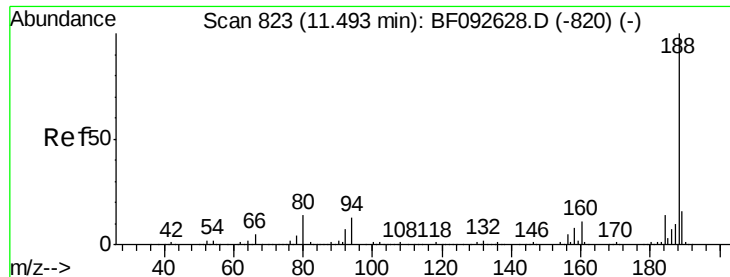
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#44
 2-Fluorobiphenyl
 Concen: 93.95 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092982.D
 Acq: 16 Feb 2017 7:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1563110		
171	36.6	29.4	44.0	
170	24.6	20.2	30.4	





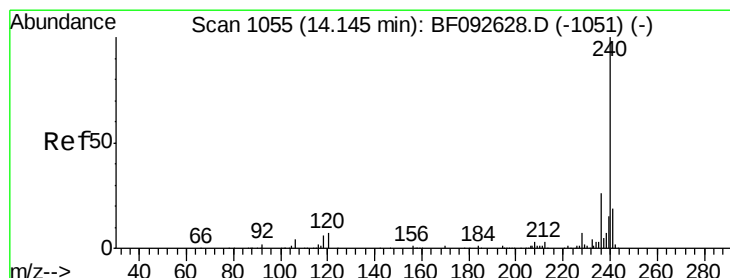
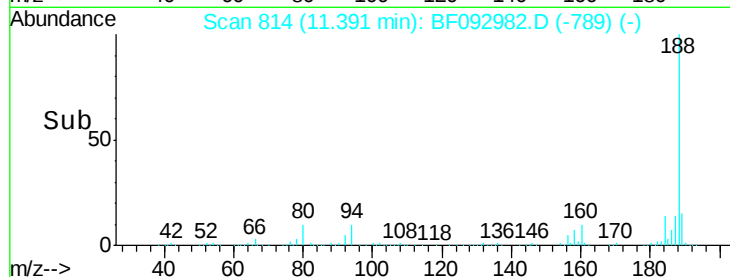
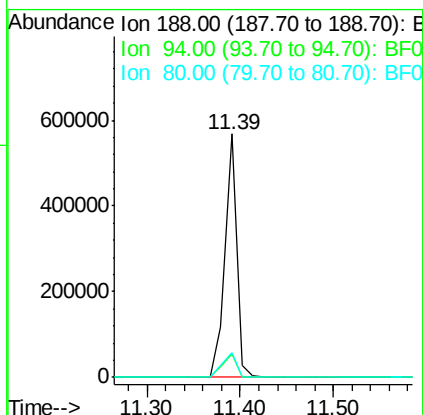
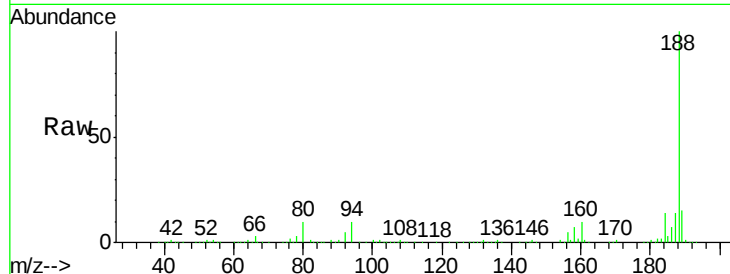
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

Instrument :
BNA_F
ClientSampleId :
WC-B1-002

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	498195		
94	9.8	10.0	15.0#	
80	10.3	11.2	16.8#	

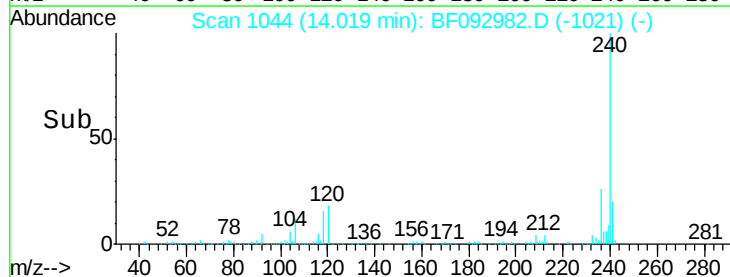
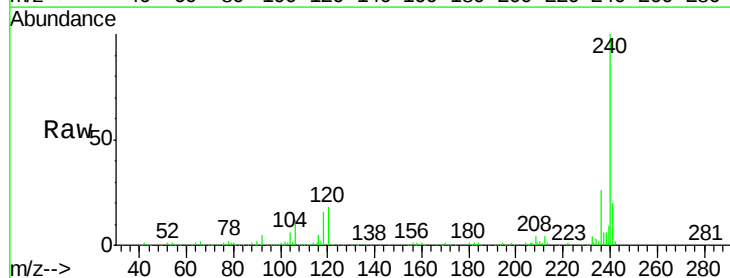
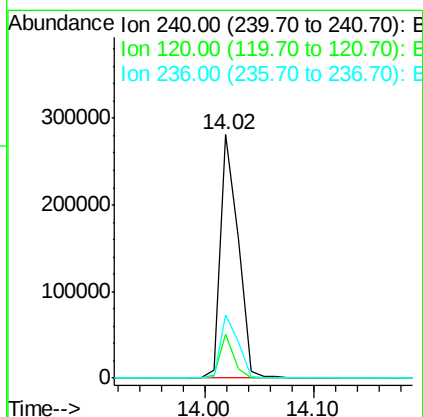
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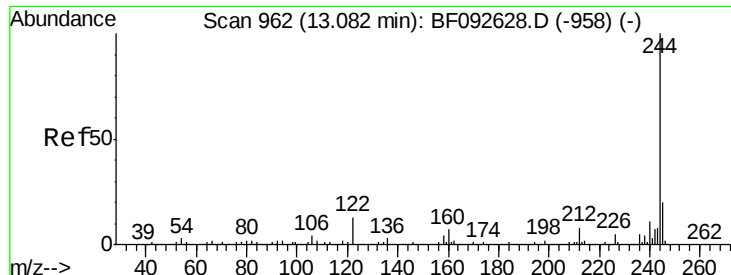
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092982.D
Acq: 16 Feb 2017 7:49

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	319767		
120	17.8	12.9	19.3	
236	25.9	20.9	31.3	





#78

Terphenyl-d14

Concen: 99.81 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092982.D

Acq: 16 Feb 2017 7:49

Instrument :

BNA_F

ClientSampleId :

WC-B1-002

Tgt Ion:244 Resp: 1358353

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

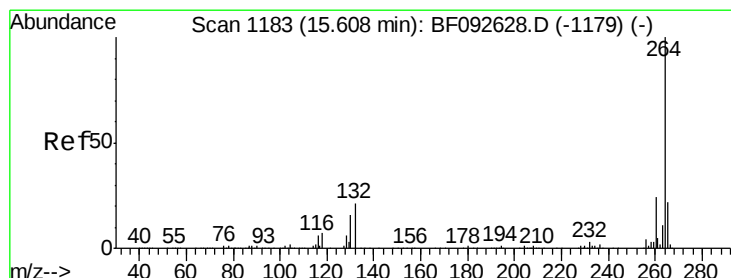
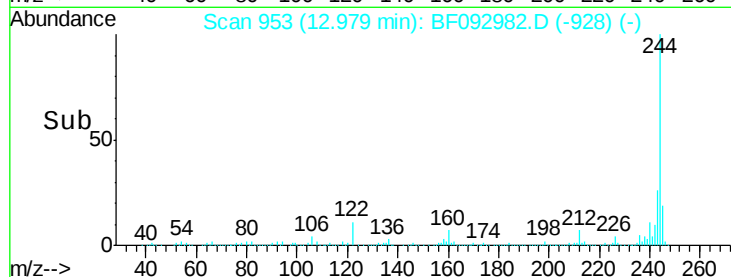
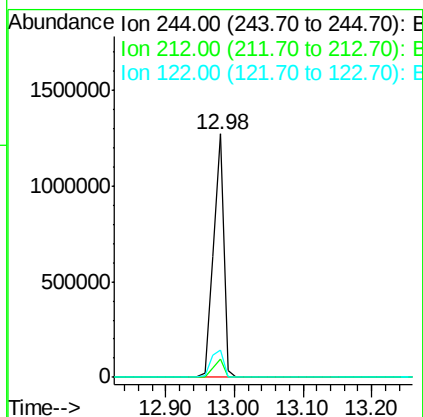
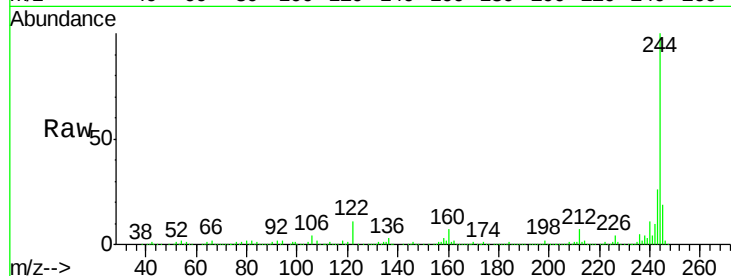
122 11.3 11.4 17.2#

Manual Integrations

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF092982.D

Acq: 16 Feb 2017 7:49

Tgt Ion:264 Resp: 208908

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 22.0 17.4 26.0

