

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092172.D
 Acq On : 10 Jan 2017 6:50
 Operator : UM/SJ
 Sample : I1056-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-07

Manual Integrations
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 1/10/2017 10:01:59 AM

Quant Time: Jan 10 07:21:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	146792	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	463960	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	215603	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	355657	20.00	ng	0.00
75) Chrysene-d12	13.79	240	203691	20.00	ng	0.00
86) Perylene-d12	15.17	264	164858	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	442182	50.30	ng	0.02
7) Phenol-d6	6.31	99	306775m	28.58	ng	0.00
23) Nitrobenzene-d5	7.20	82	606736	72.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	88209	49.44	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1169713	115.84	ng	0.00
78) Terphenyl-d14	12.74	244	873765	104.04	ng	0.00

Target Compounds Qvalue

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

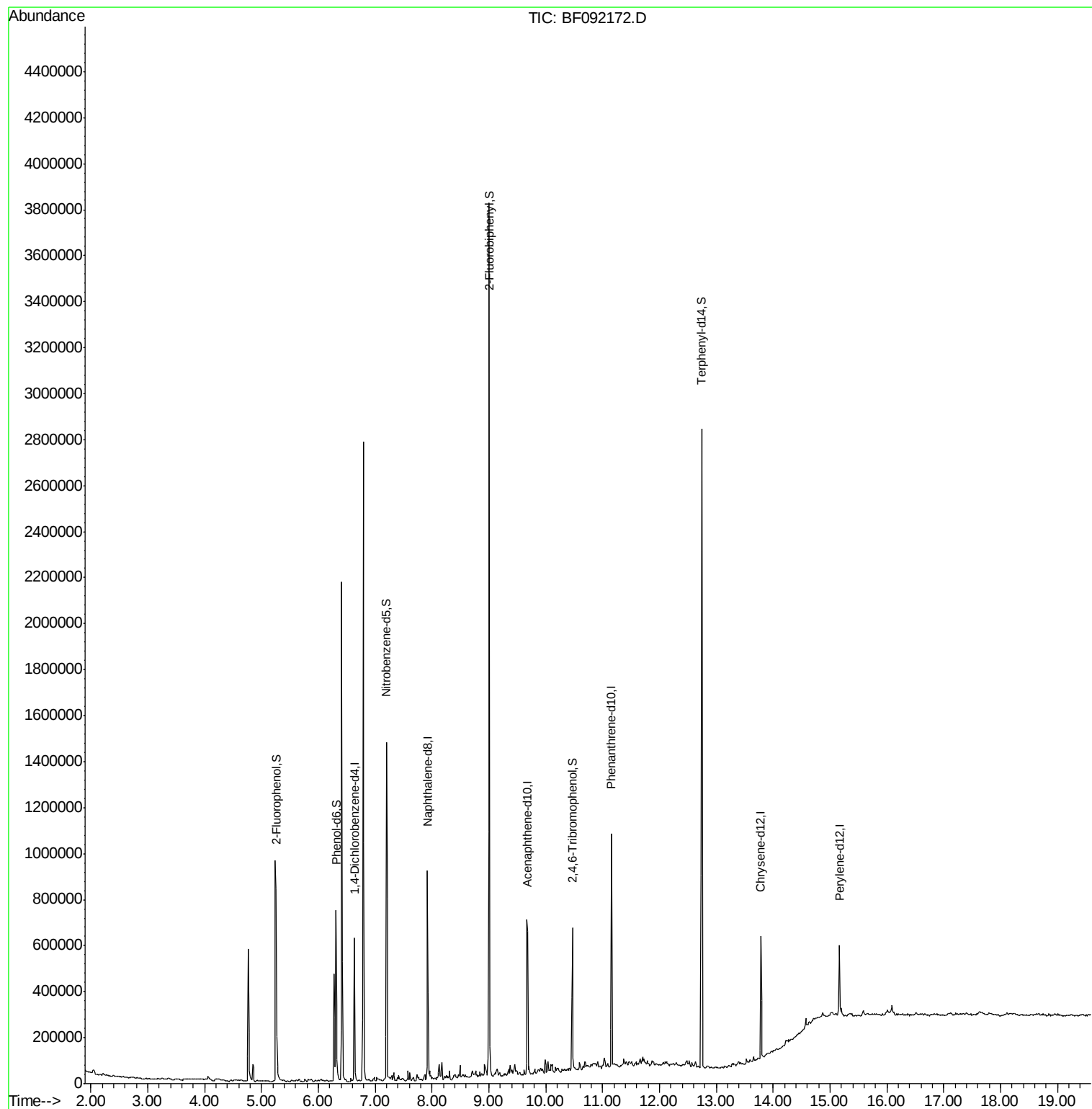
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092172.D
Acq On : 10 Jan 2017 6:50
Operator : UM/SJ
Sample : I1056-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

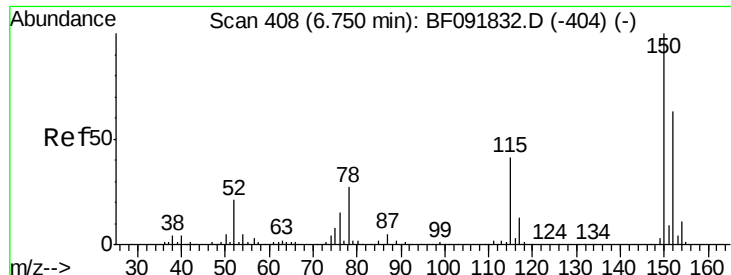
Instrument :
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ClientSampleId :
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Quant Time: Jan 10 07:21:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

Instrument :

BNA_F

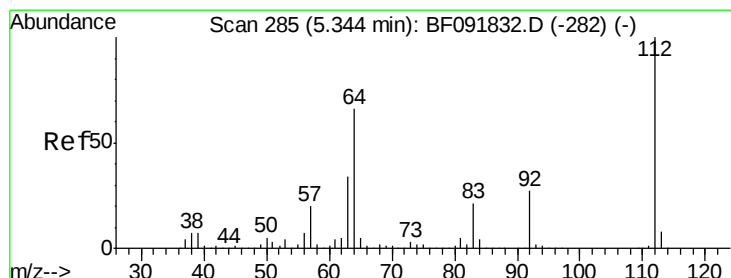
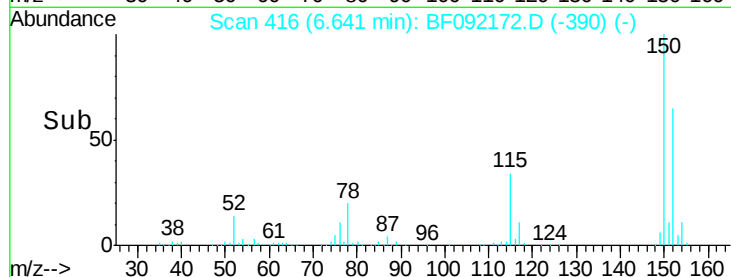
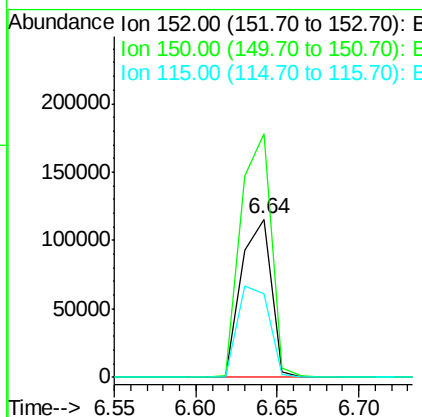
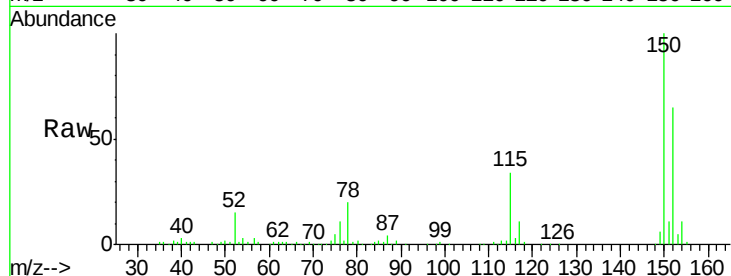
ClientSampled :

W-07

Tgt Ion:	152	Resp:	146792
Ion Ratio	Lower	Upper	
152	100		
150	154.2	124.9	187.3
115	52.9	46.0	69.0

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#5

2-Fluorophenol

Concen: 50.30 ng

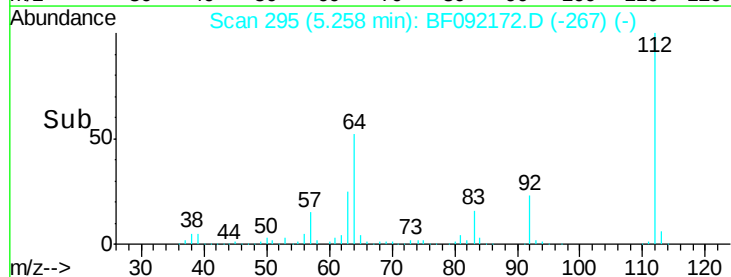
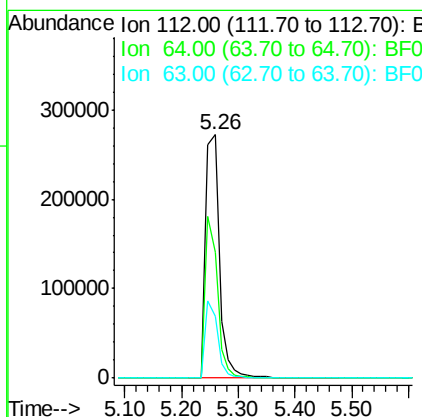
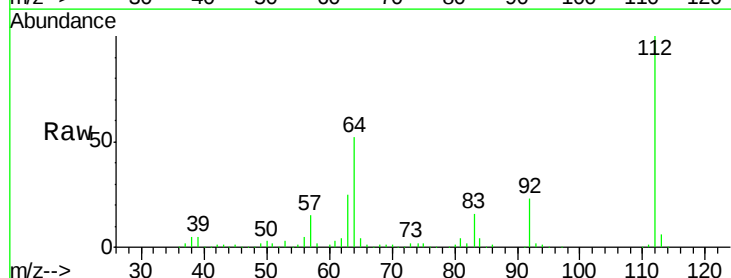
RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

Tgt Ion:	112	Resp:	442182
Ion Ratio	Lower	Upper	
112	100		
64	51.7	46.1	69.1
63	25.5	23.8	35.6





#7

Phenol-d6

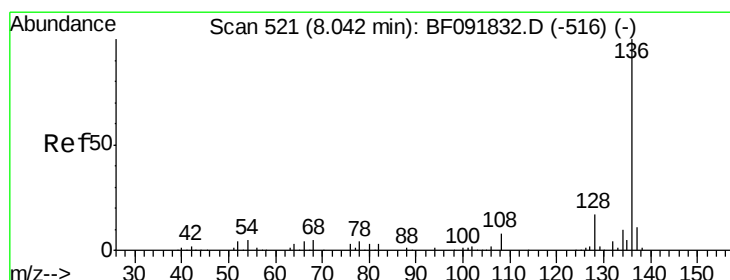
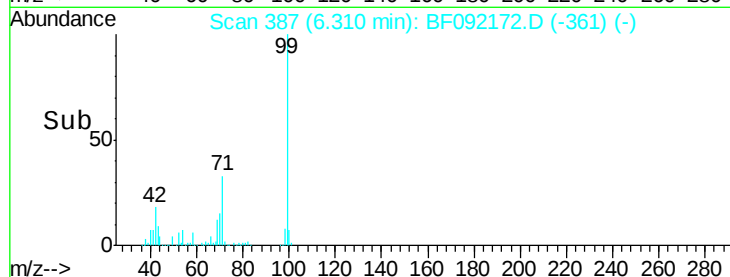
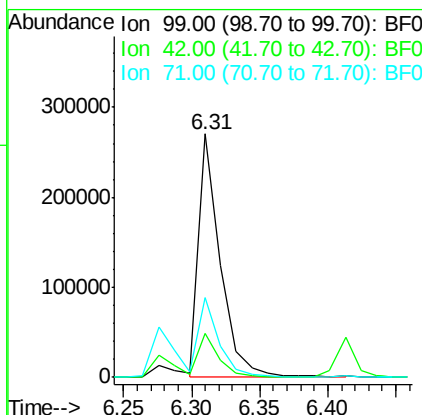
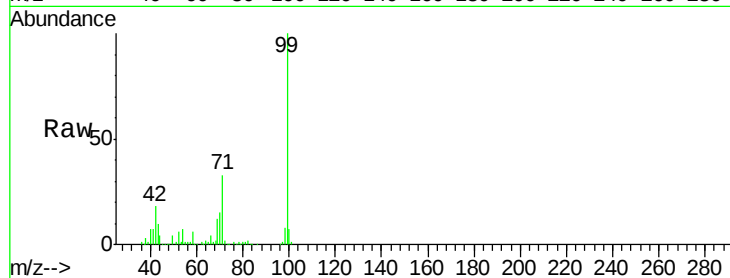
Concen: 28.58 ng m
RT: 6.31 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF092172.D
Acq: 10 Jan 2017 6:50

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ion	Ratio	Lower	Upper
99	100			
42	18.3	15.6	23.4	
71	33.0	27.5	41.3	

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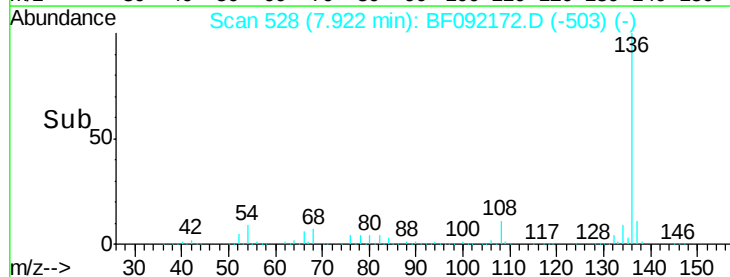
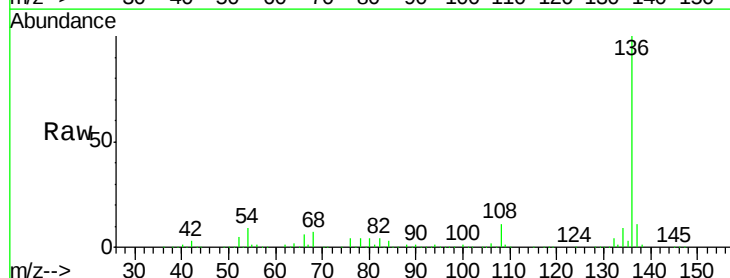
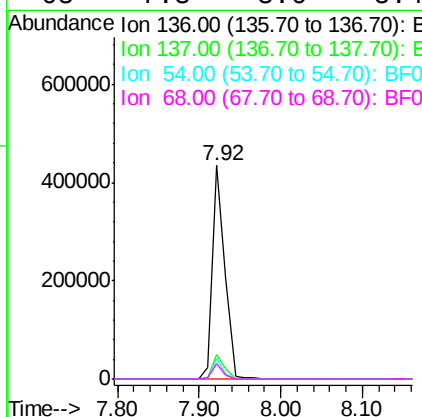


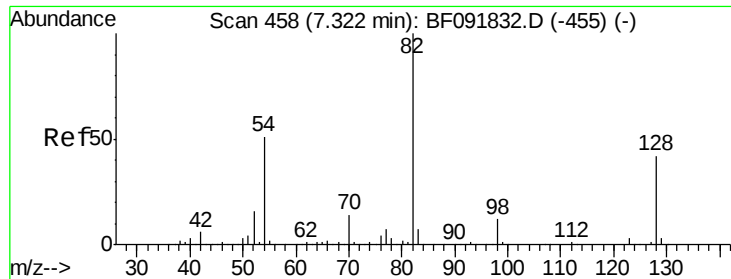
#21

Naphthalene-d8

Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092172.D
Acq: 10 Jan 2017 6:50

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.3	8.4	12.6	
54	9.4	4.5	6.7#	
68	7.3	3.6	5.4#	





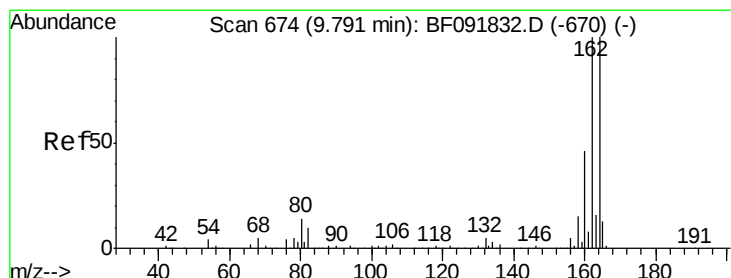
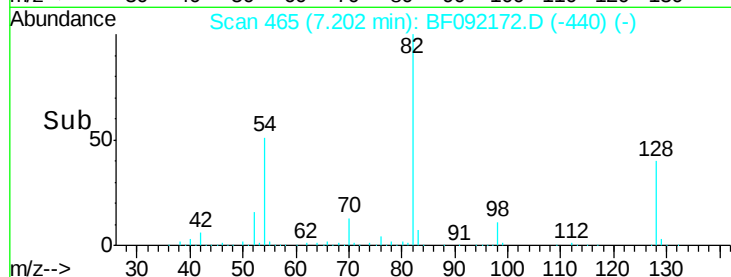
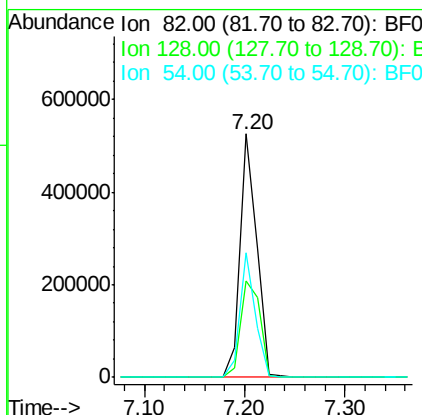
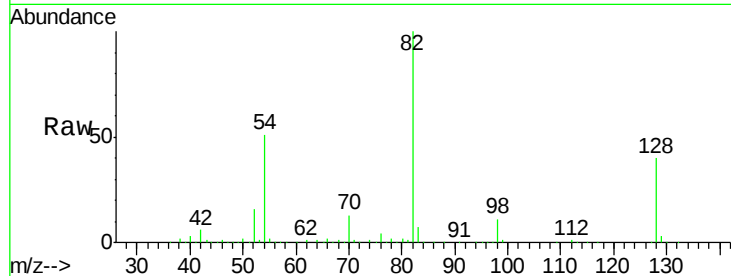
#23
 Nitrobenzene-d5
 Concen: 72.72 ng
 RT: 7.20 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF092172.D
 Acq: 10 Jan 2017 6:50

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.6	52.0
54	51.0	39.5	59.3

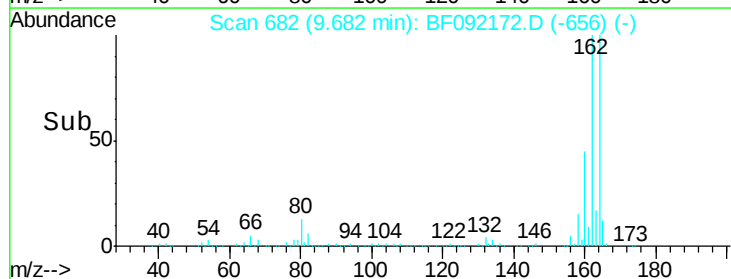
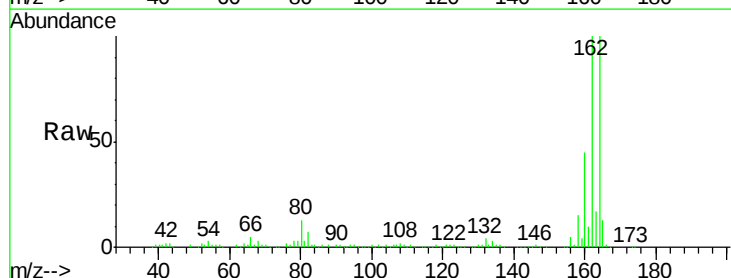
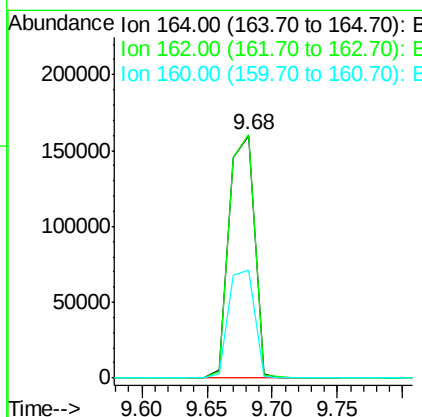
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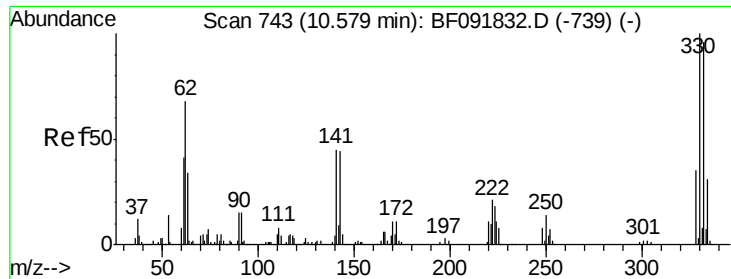
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF092172.D
 Acq: 10 Jan 2017 6:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	44.7	36.9	55.3





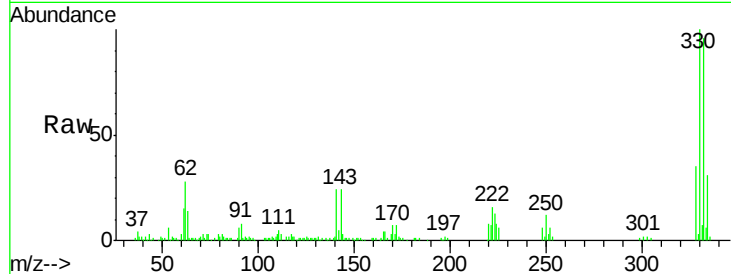
#41
 2,4,6-Tribromophenol
 Concen: 49.44 ng
 RT: 10.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF092172.D
 Acq: 10 Jan 2017 6:50

Instrument :
 BNA_F
 ClientSampled :
 W-07

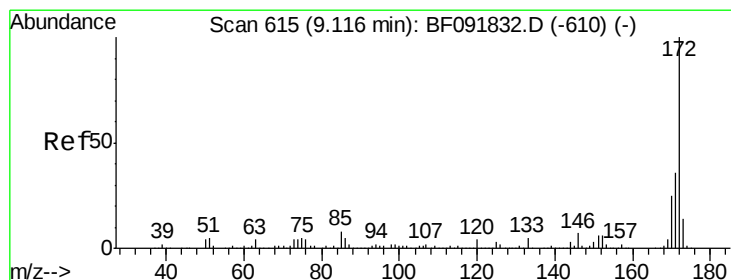
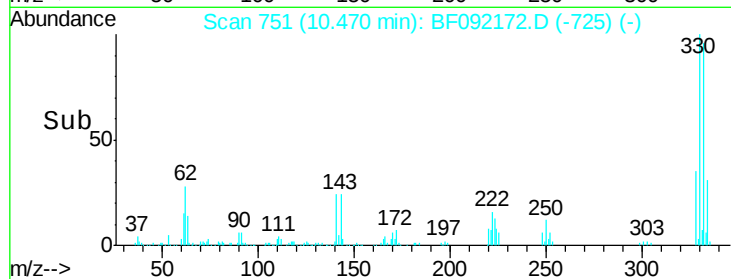
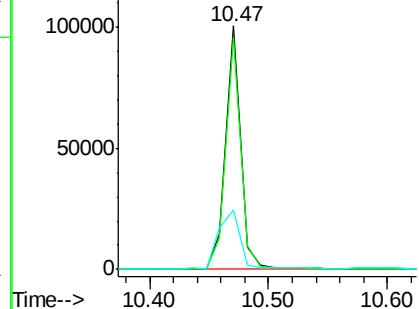
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	88209		
332	95.0	77.4	116.2	
141	34.3	34.1	51.1	

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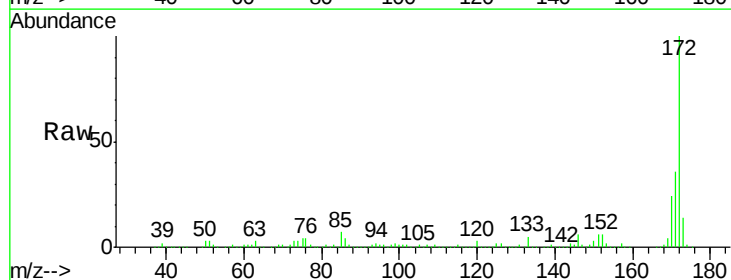


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

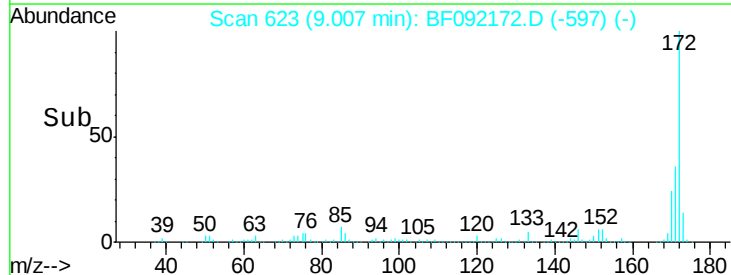
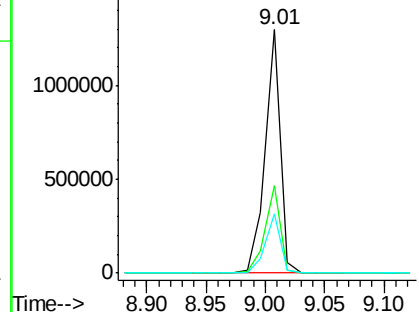


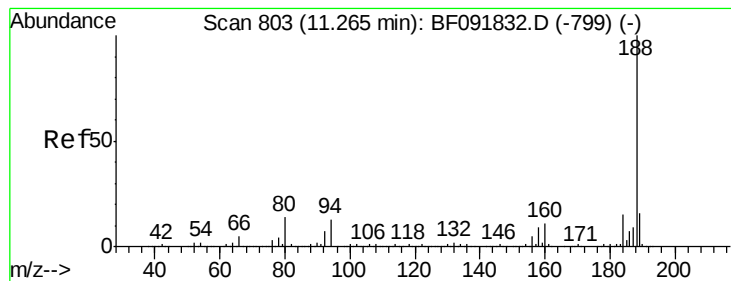
#44
 2-Fluorobiphenyl
 Concen: 115.84 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092172.D
 Acq: 10 Jan 2017 6:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1169713		
171	35.7	29.4	44.0	
170	24.2	20.2	30.4	



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: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

Instrument :

BNA_F

ClientSampled :

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Tgt Ion:188 Resp: 355657
Ion Ratio Lower Upper

188 100

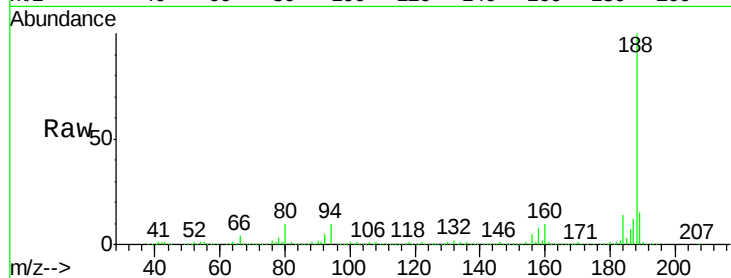
94 9.9 10.0 15.0#

80 10.4 11.2 16.8#

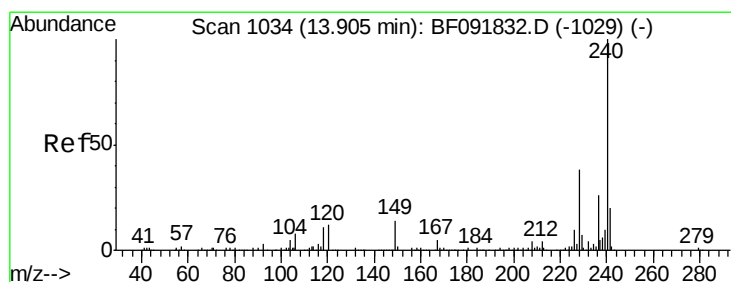
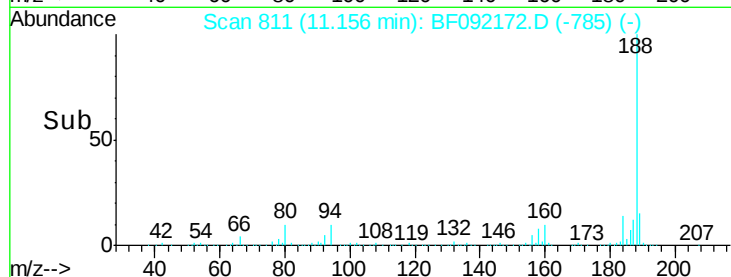
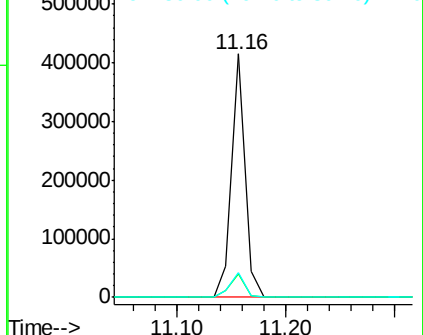
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

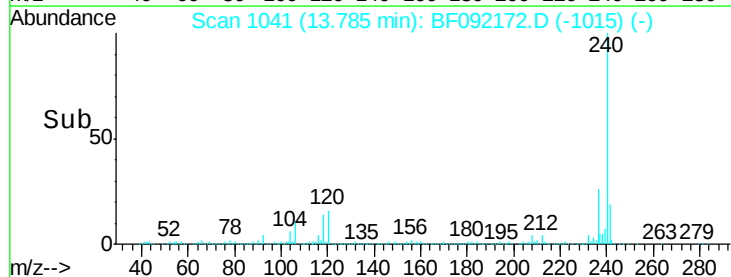
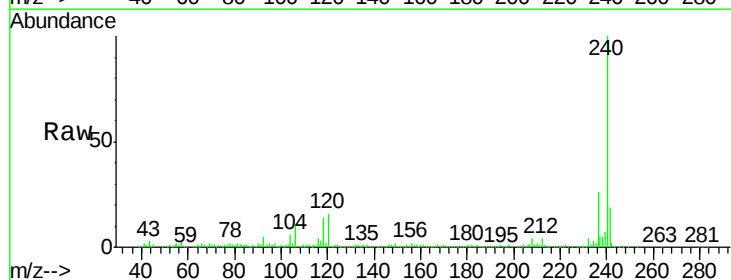
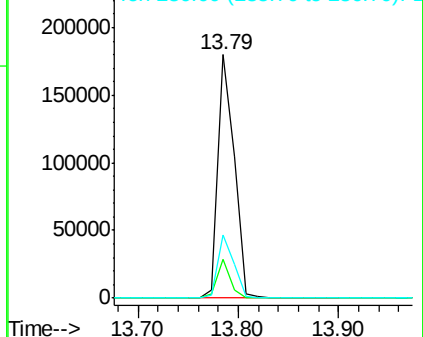
Tgt Ion:240 Resp: 203691
Ion Ratio Lower Upper

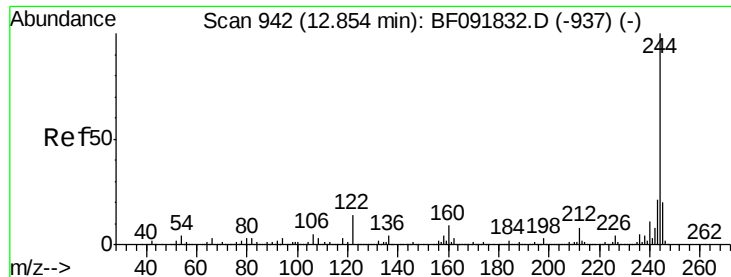
240 100

120 15.9 12.9 19.3

236 25.8 20.9 31.3

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





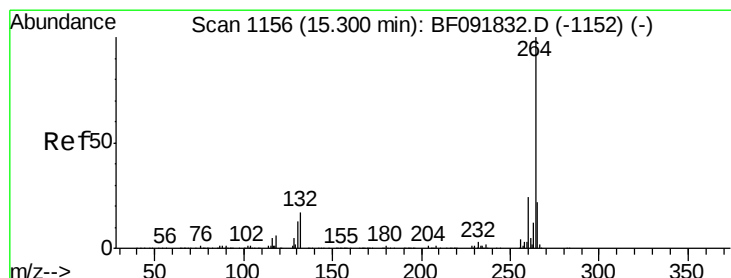
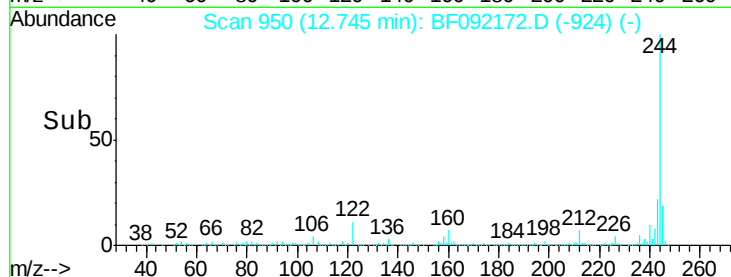
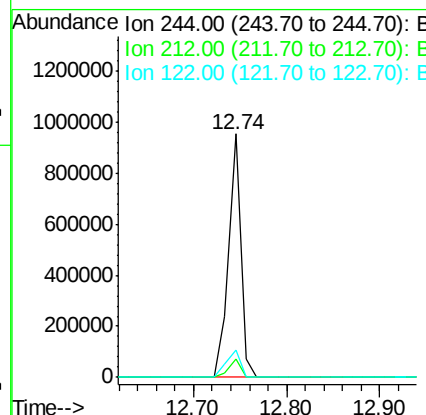
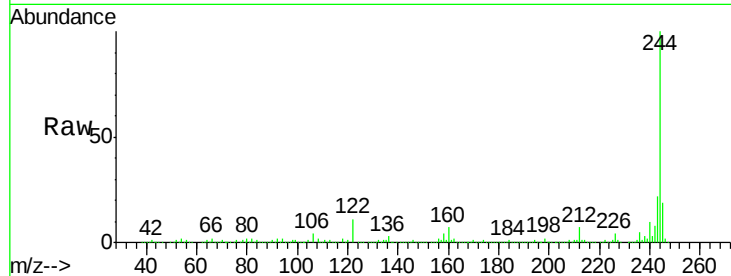
#78
 Terphenyl-d14
 Concen: 104.04 ng
 RT: 12.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF092172.D
 Acq: 10 Jan 2017 6:50

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	6.2	9.2
122	11.0	11.4	17.2#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1162
 Delta R.T. 0.02 min
 Lab File: BF092172.D
 Acq: 10 Jan 2017 6:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.9	19.2	28.8
265	21.6	17.4	26.0

