

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
 Data File : BF084591.D
 Acq On : 22 Jan 2016 16:04
 Operator : SJ/IZ
 Sample : H1200-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

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Quant Time: Jan 22 23:27:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	197386m	20.00	ng	-0.09
21) Naphthalene-d8	8.03	136	847514	20.00	ng	-0.09
38) Acenaphthene-d10	9.78	164	394708	20.00	ng	-0.09
63) Phenanthrene-d10	11.26	188	730075	20.00	ng	-0.09
75) Chrysene-d12	13.89	240	565534	20.00	ng	-0.10
86) Perylene-d12	15.29	264	438105	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	8017	0.66	ng	-0.10
7) Phenol-d6	6.38	99	8375	0.55	ng	-0.09
23) Nitrobenzene-d5	7.31	82	16696	1.10	ng	-0.09
41) 2,4,6-Tribromophenol	10.57	330	3123	0.78	ng	-0.10
44) 2-Fluorobiphenyl	9.10	172	31194	-5.33	ng	-0.09
78) Terphenyl-d14	12.85	244	22115	0.87	ng	-0.09
Target Compounds						
32) Benzoic acid	7.76	122	9644	7.17	ng	Qvalue 93

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

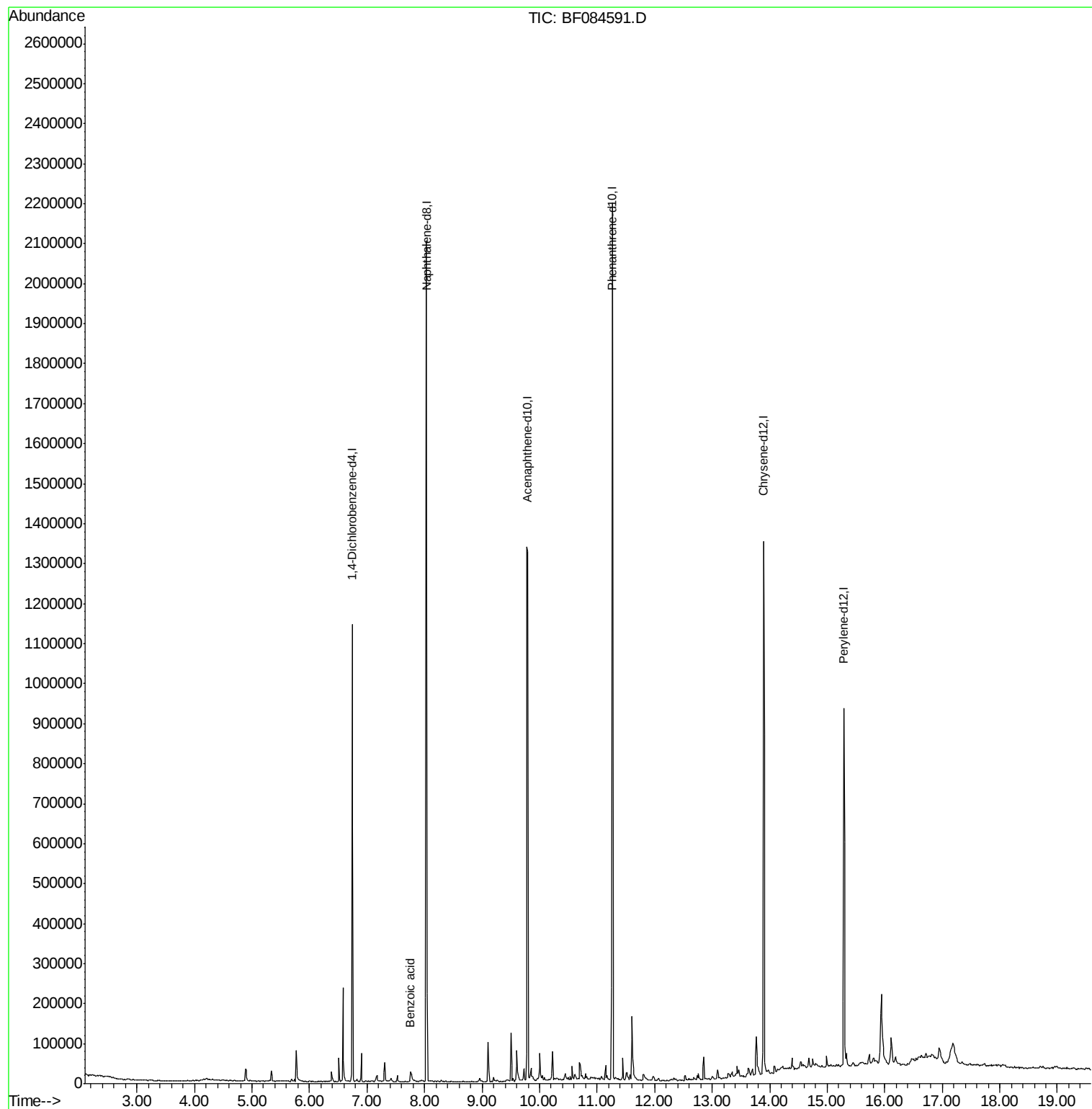
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084591.D
Acq On : 22 Jan 2016 16:04
Operator : SJ/IZ
Sample : H1200-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MANHOLE

Quant Time: Jan 22 23:27:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

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#1

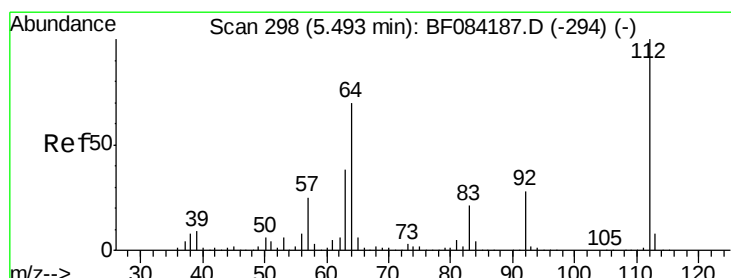
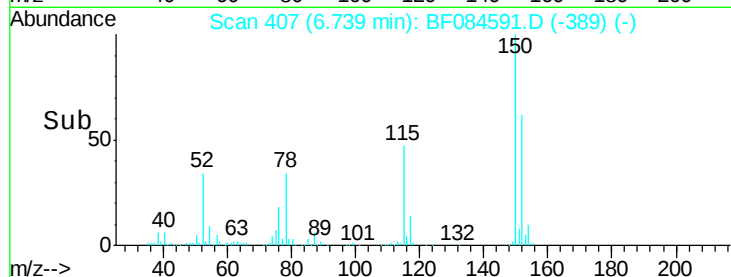
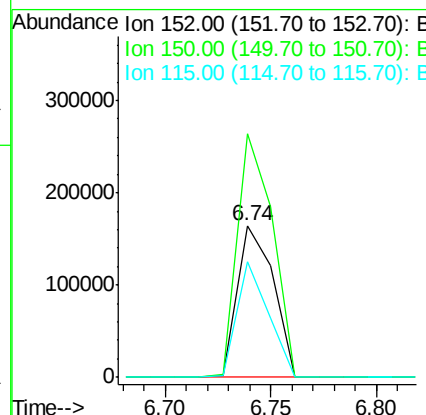
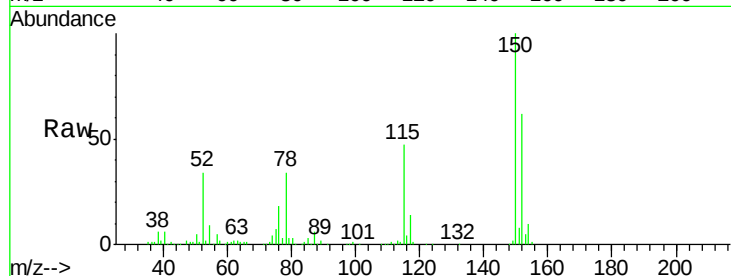
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.74 min Scan# 407
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	123.0	184.4
115	76.1	51.4	77.2

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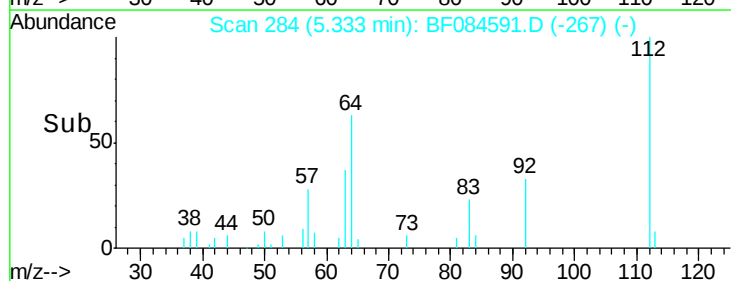
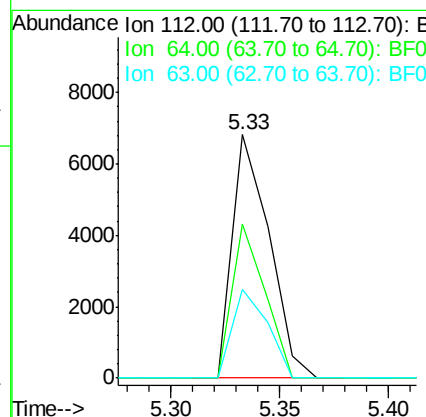
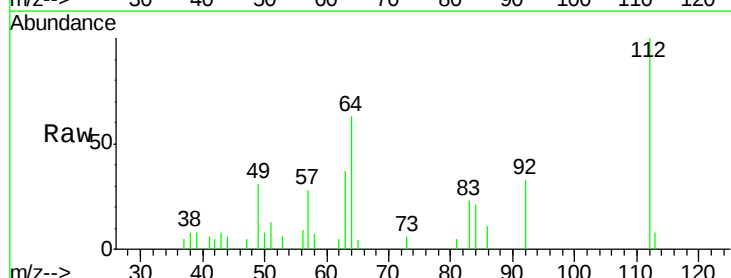
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#5

2-Fluorophenol
Concen: 0.66 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.10 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	36.6	55.0#
63	36.5	19.4	29.0#





#7

Phenol-d6

Concen: 0.55 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.09 min

Lab File: BF084591.D

Acq: 22 Jan 2016 16:04

Instrument :

BNA_F

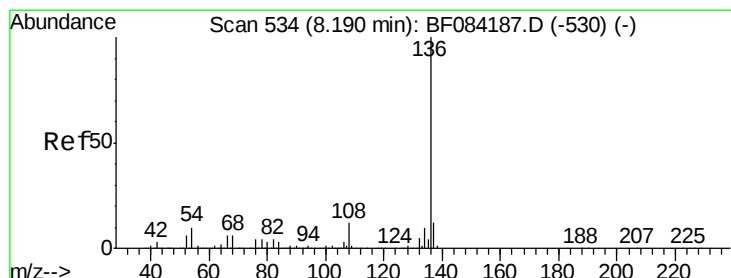
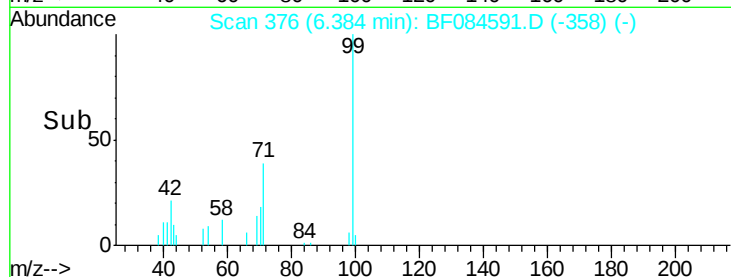
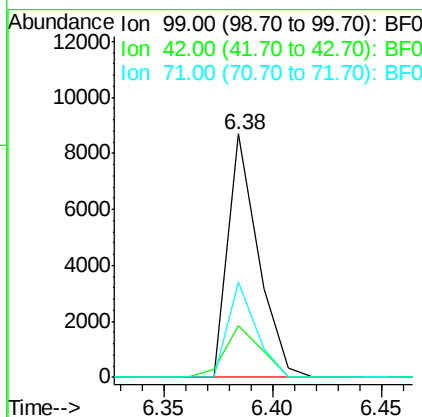
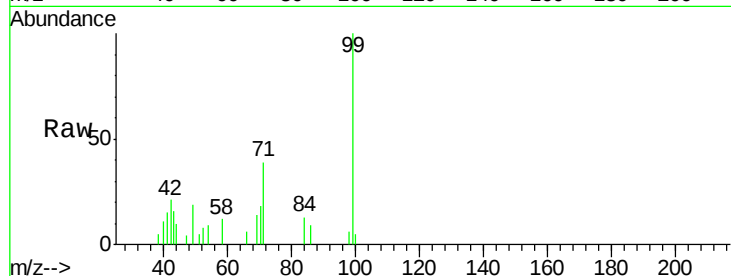
ClientSampleId :

MANHOLE

Tot Ion:	99	Resp:	8375
Ion	Ratio	Lower	Upper
99	100		
42	21.2	12.8	19.2#
71	39.2	30.9	46.3

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#21

Naphthalene-d8

Concen: 20.00 ng

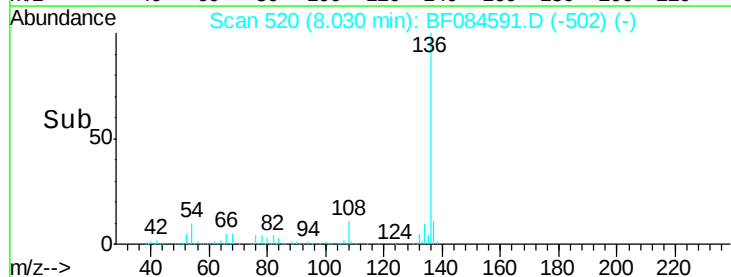
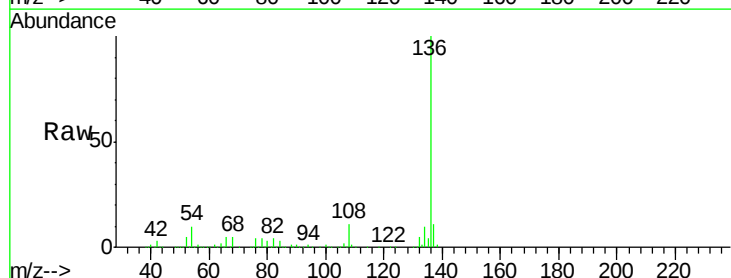
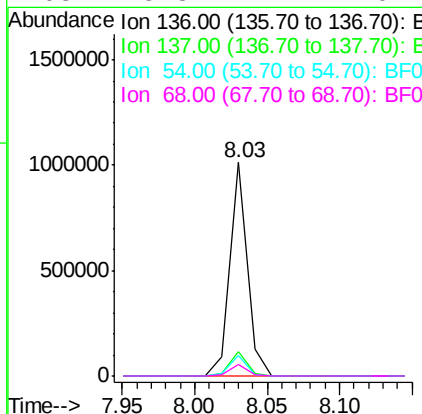
RT: 8.03 min Scan# 520

Delta R.T. -0.09 min

Lab File: BF084591.D

Acq: 22 Jan 2016 16:04

Tgt Ion:	136	Resp:	847514
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.6	5.8	8.8#
68	5.3	4.2	6.2





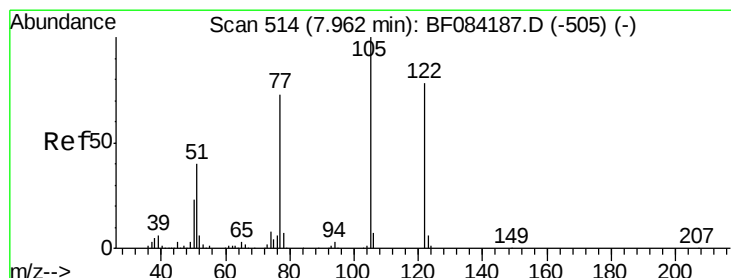
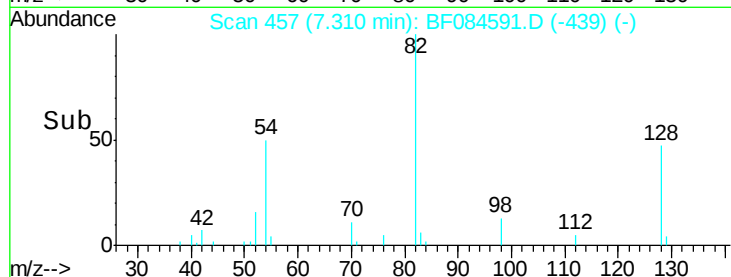
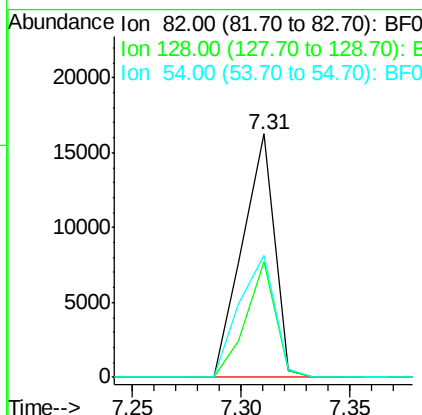
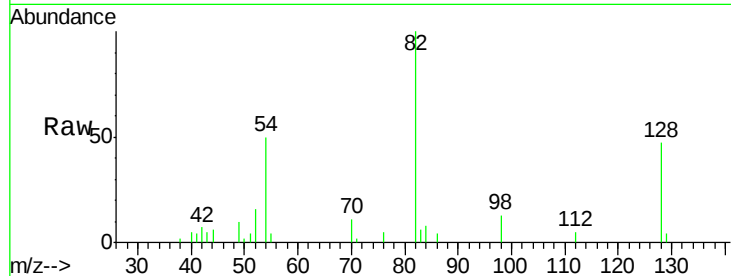
#23
Nitrobenzene-d5
Concen: 1.10 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	51.8
54	50.1	38.4	57.6

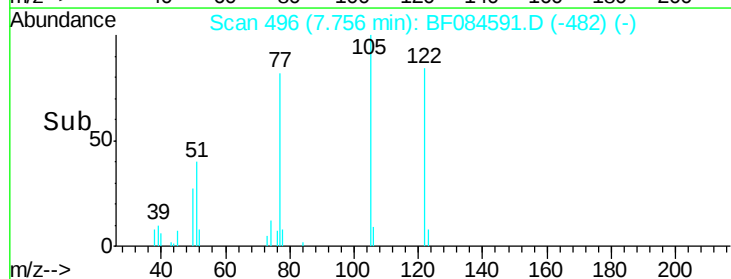
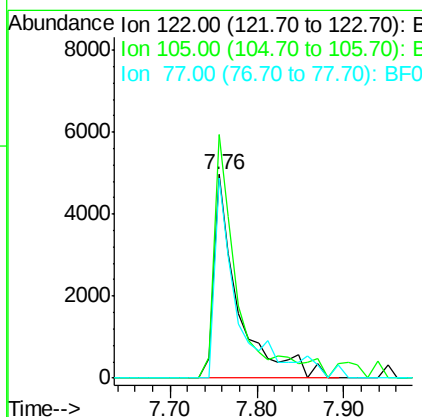
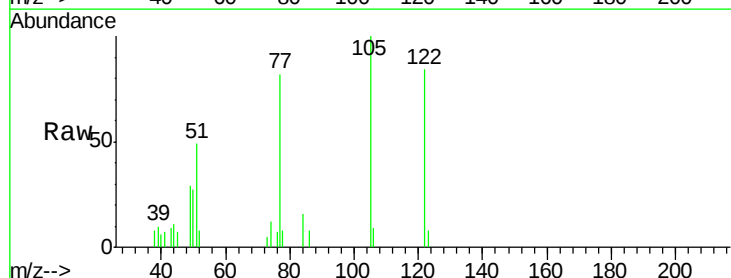
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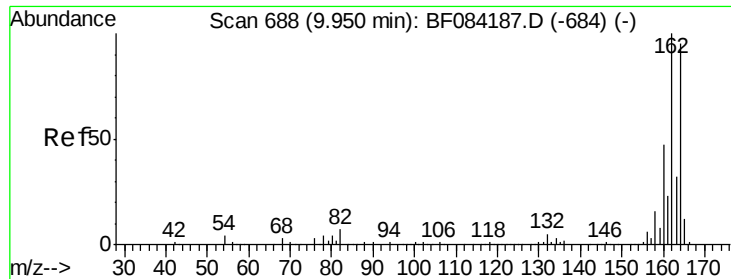
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#32
Benzoic acid
Concen: 7.17 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.14 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.7	100.3	140.3
77	98.5	63.5	103.5





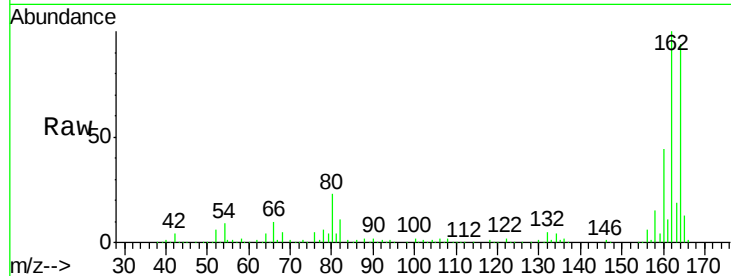
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.09 min
 Lab File: BF084591.D
 Acq: 22 Jan 2016 16:04

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

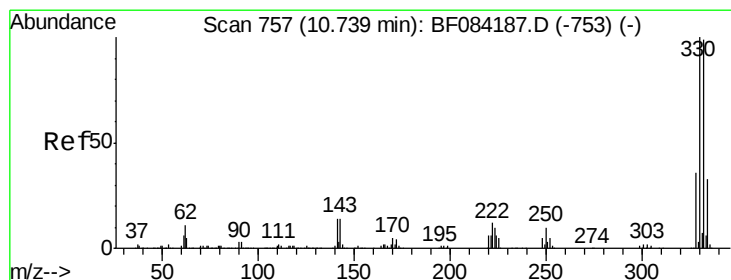
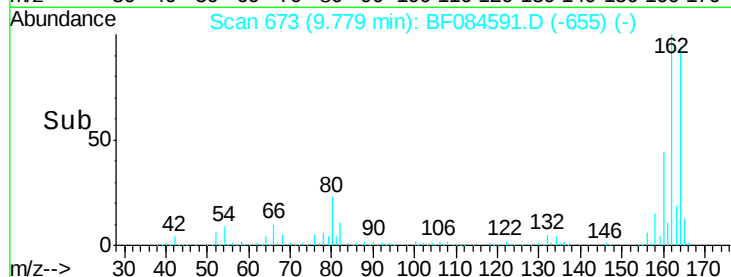
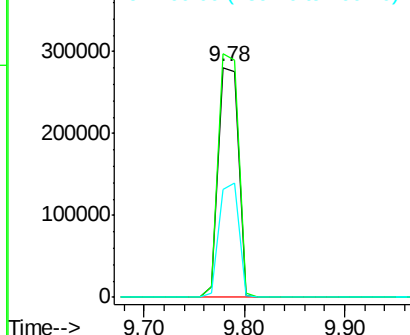
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.8	85.1	127.7	
160	47.0	37.5	56.3	

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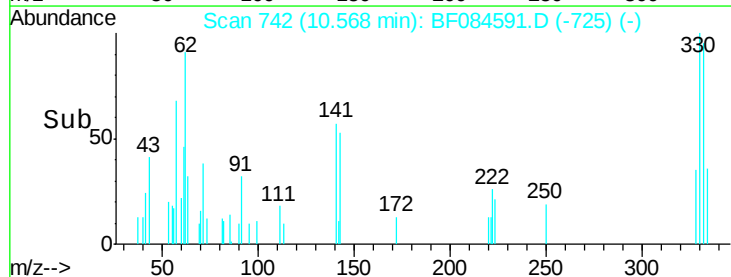
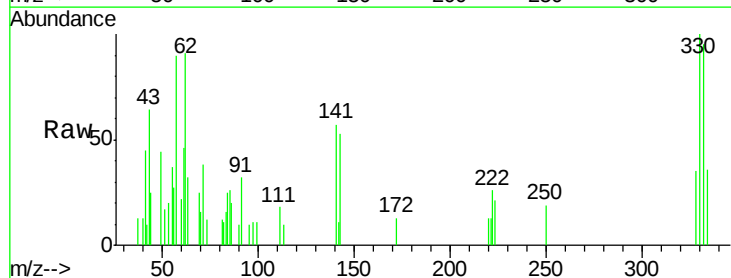
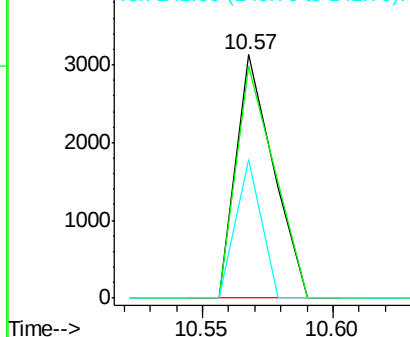
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

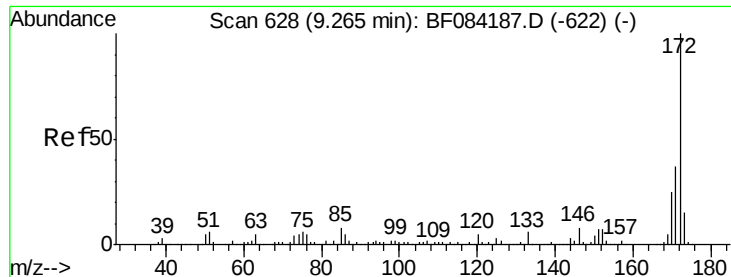


#41
 2,4,6-Tribromophenol
 Concen: 0.78 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.10 min
 Lab File: BF084591.D
 Acq: 22 Jan 2016 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.2	76.6	114.8	
141	39.1	27.8	41.6	

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





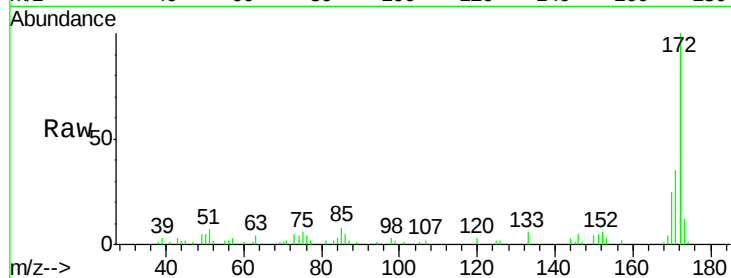
#44
2-Fluorobiphenyl
Concen: -5.33 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

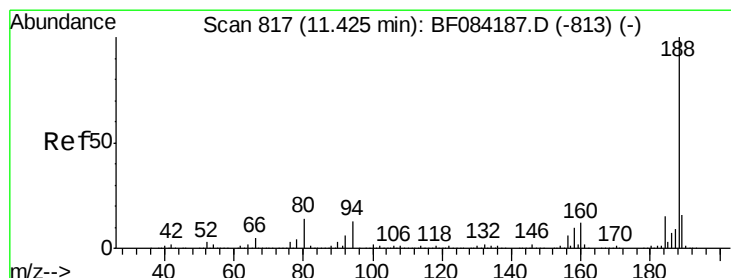
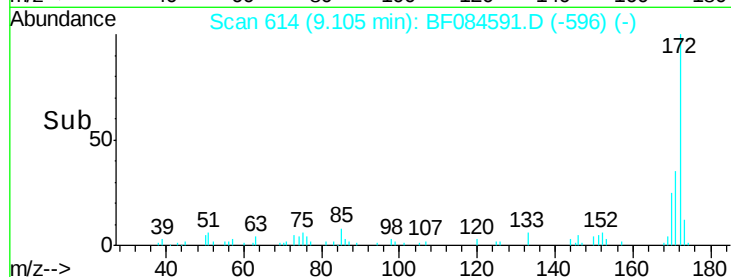
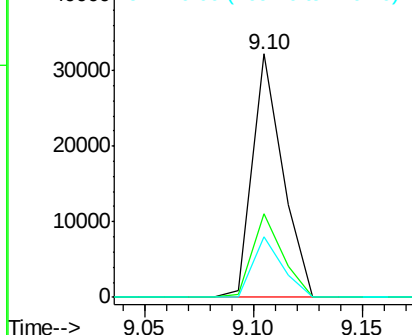
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.9	43.3
170	24.6	18.6	27.8

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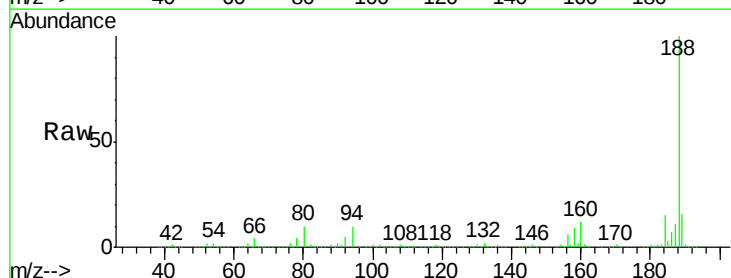


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

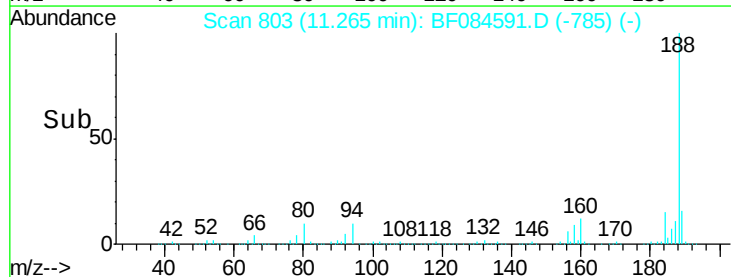
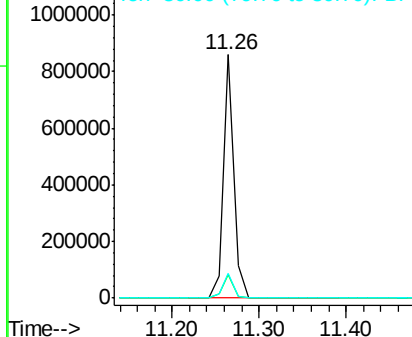


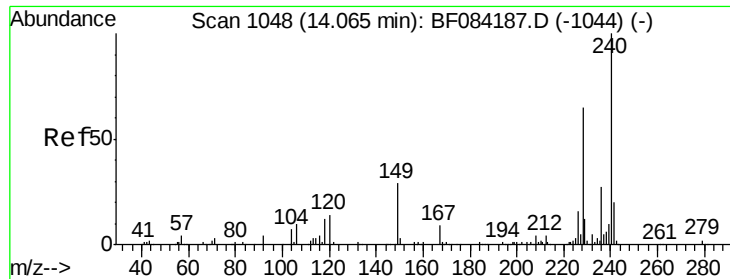
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.3	9.6	14.4



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: 13.89 min Scan# 1033

Delta R.T. -0.10 min

Lab File: BF084591.D

Acq: 22 Jan 2016 16:04

Instrument :

BNA_F

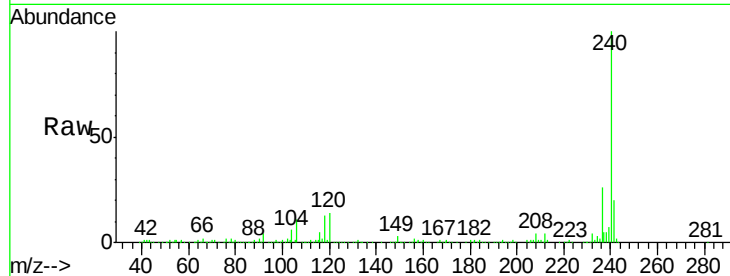
ClientSampleId :

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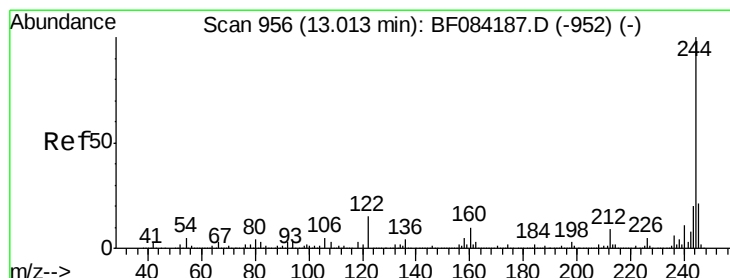
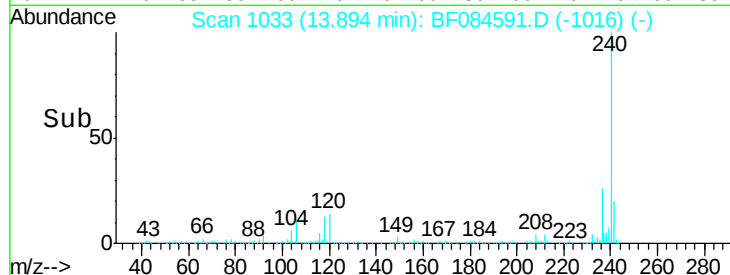
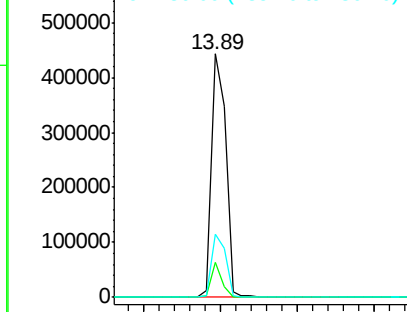
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.1	20.6	31.0

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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: 0.87 ng

RT: 12.85 min Scan# 942

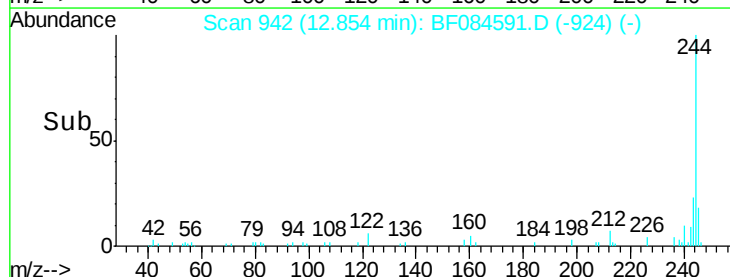
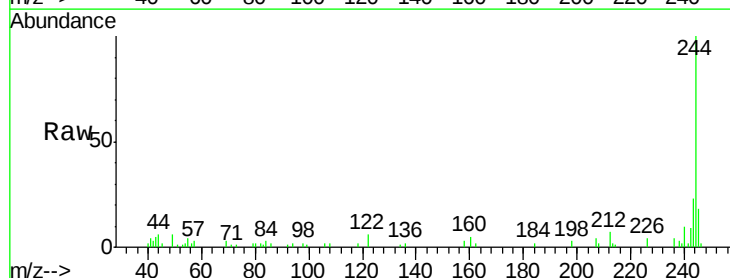
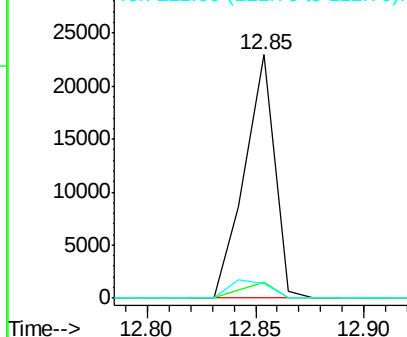
Delta R.T. -0.09 min

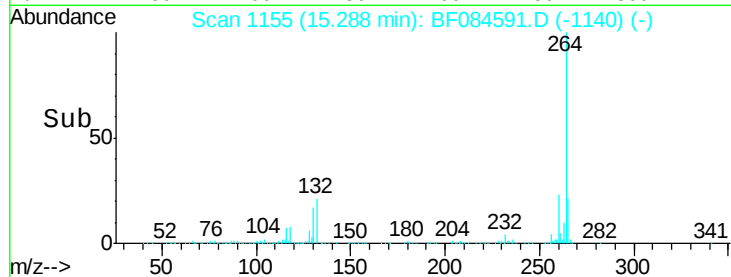
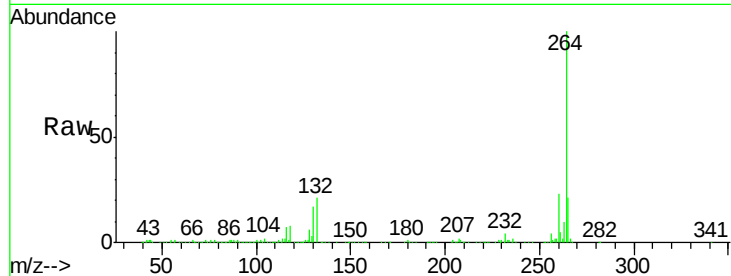
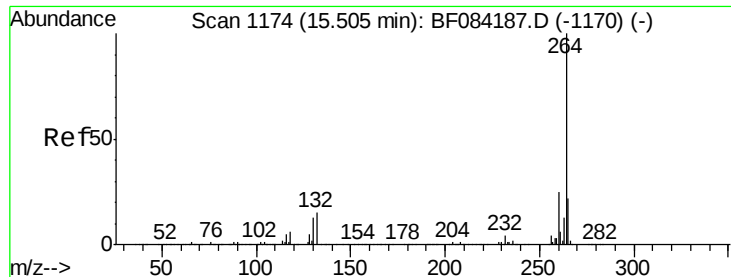
Lab File: BF084591.D

Acq: 22 Jan 2016 16:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	6.0	7.4	11.0#

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
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.13 min
Lab File: BF084591.D
Acq: 22 Jan 2016 16:04

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.3	19.4	29.2	
265	21.3	17.8	26.6	

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