

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075541.D
 Acq On : 15 Nov 2014 14:53
 Operator : TP / JJ
 Sample : F4614-01 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Manual Integrations
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 11/17/2014 7:35:58 PM

Quant Time: Nov 16 03:35:41 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	51547	20.00	ng	0.02
21) Naphthalene-d8	9.13	136	228070	20.00	ng	0.00
38) Acenaphthene-d10	11.30	164	115846	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	198188	20.00	ng	0.00
75) Chrysene-d12	16.46	240	218086	20.00	ng	0.00
86) Perylene-d12	18.23	264	224648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.16	99	26285m	7.49	ng	0.07
23) Nitrobenzene-d5	8.25	82	38916	12.51	ng	0.01
41) 2,4,6-Tribromophenol	12.29	330	11020	11.36	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	89451	13.95	ng	-0.01
78) Terphenyl-d14	15.15	244	95432	11.78	ng	-0.01
Target Compounds						
32) Benzoic acid	8.87	122	332444m	172.82	ng	Qvalue

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

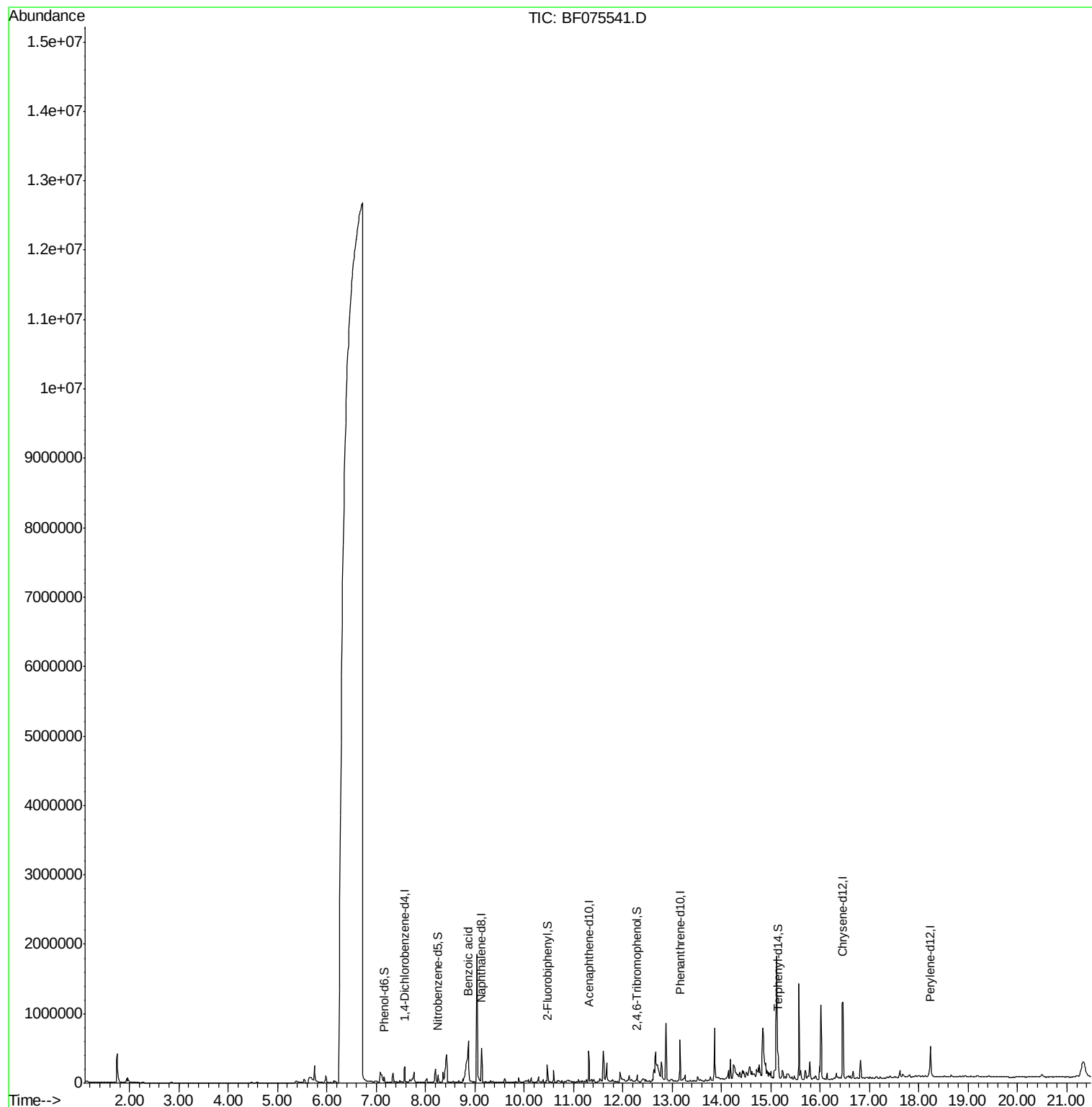
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075541.D
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Misc :
ALS Vial : 42 Sample Multiplier: 1

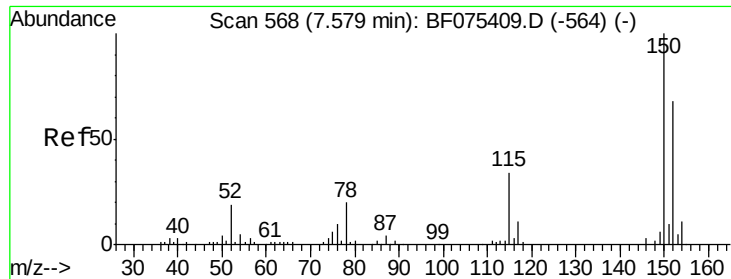
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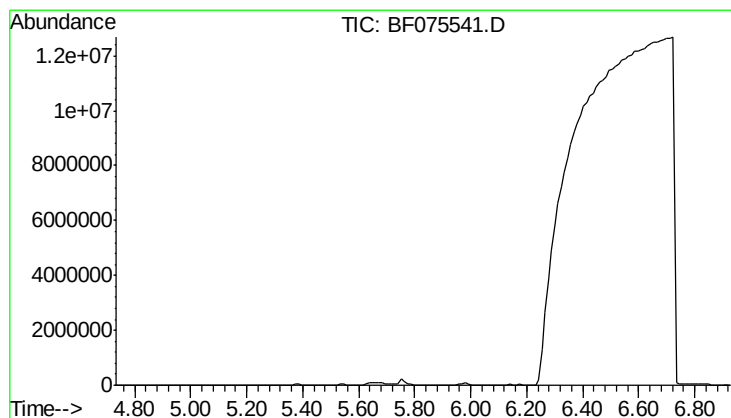
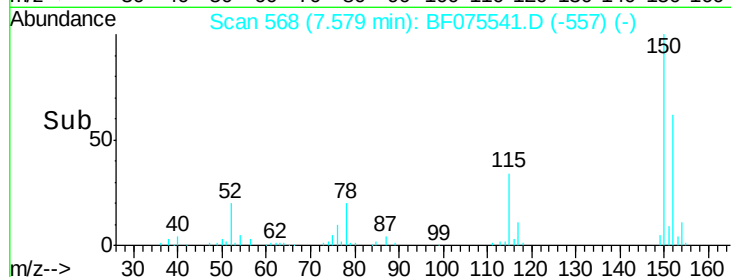
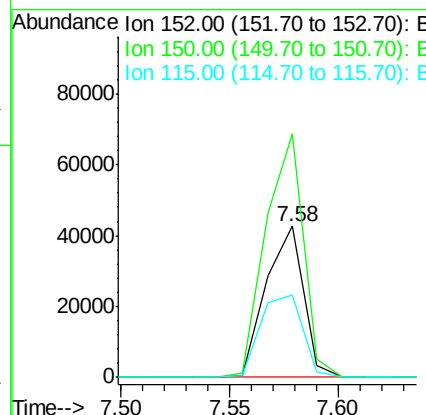
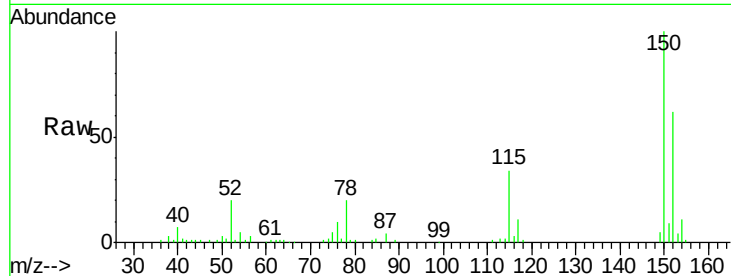
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.58 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF075541.D
 Acq: 15 Nov 2014 14:53

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	127.2	190.8
115	54.7	57.1	85.7

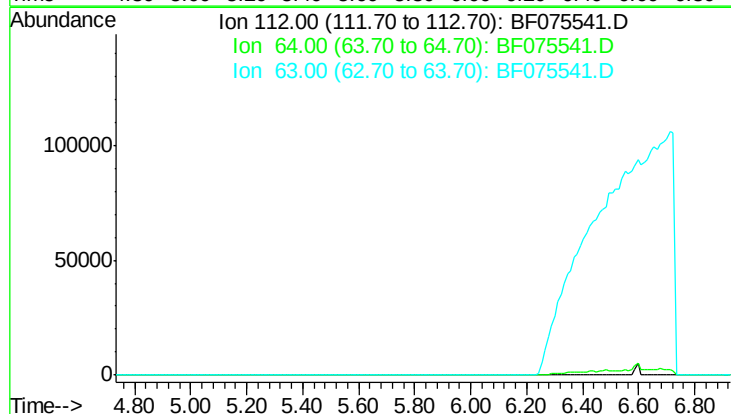
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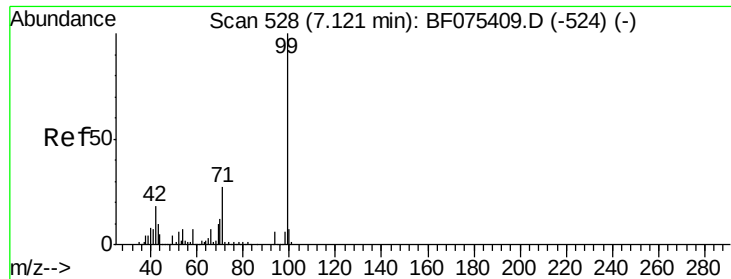
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#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.83 min
 Lab File: BF075541.D
 Acq: 15 Nov 2014 14:53

Tgt Ion	Exp Ratio
112	100
64	57.2
63	28.4





#7

Phenol-d6

Concen: 7.49 ng/mL

RT: 7.16 min Scan# 531

Delta R.T. 0.07 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Instrument :

BNA_F

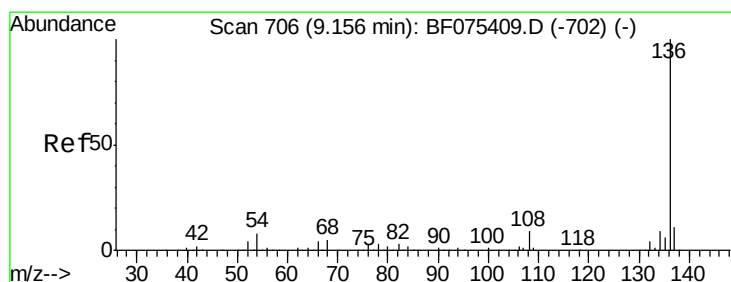
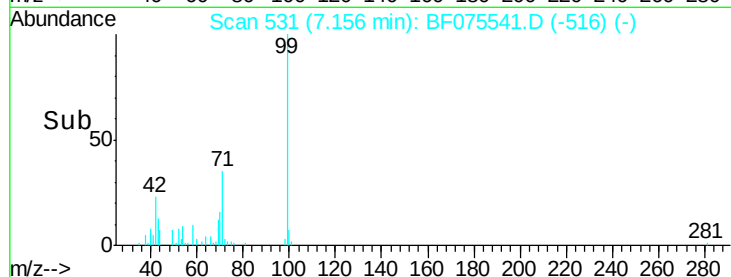
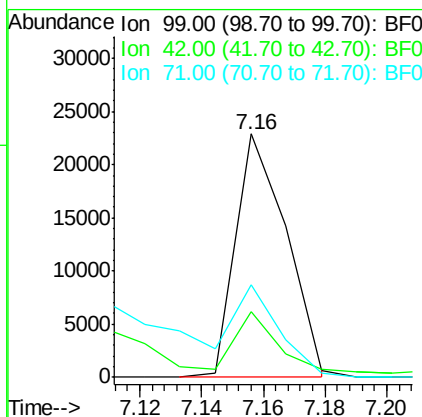
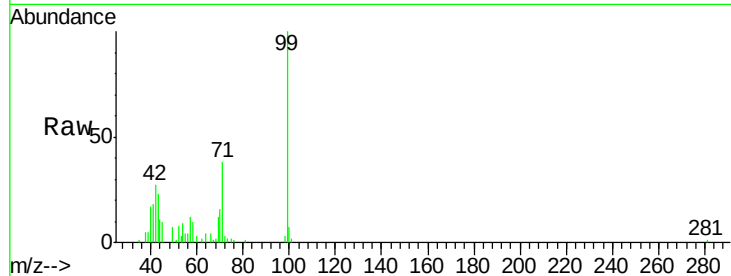
ClientSampleId :

EFFWW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		26285		
42	26.7	19.8	29.6		
71	38.2	25.5	38.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

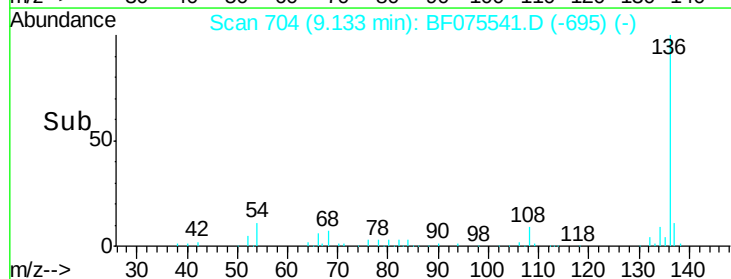
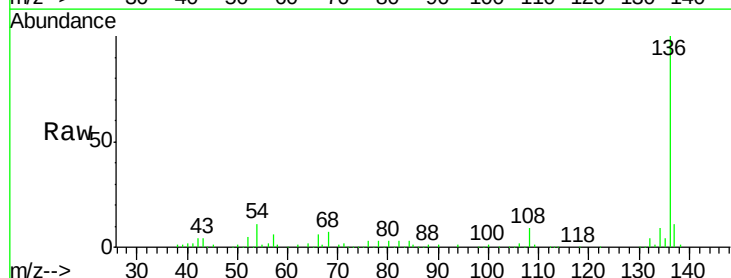
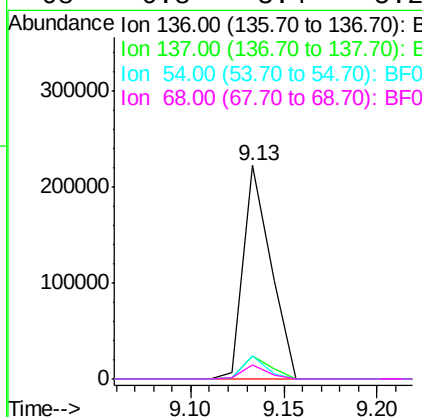
RT: 9.13 min Scan# 704

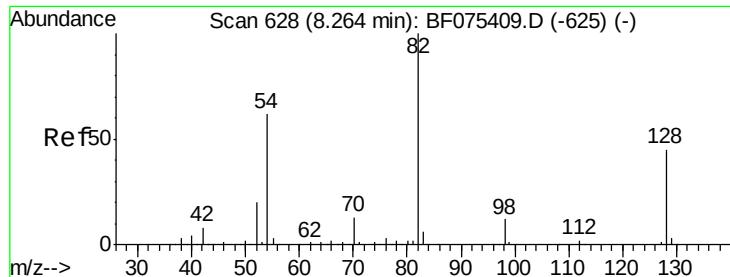
Delta R.T. 0.00 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		228070		
137	11.1	8.2	12.4		
54	10.8	6.2	9.4#		
68	6.8	3.4	5.2#		





#23

Nitrobenzene-d5

Concen: 12.51 ng

RT: 8.25 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Instrument :

BNA_F

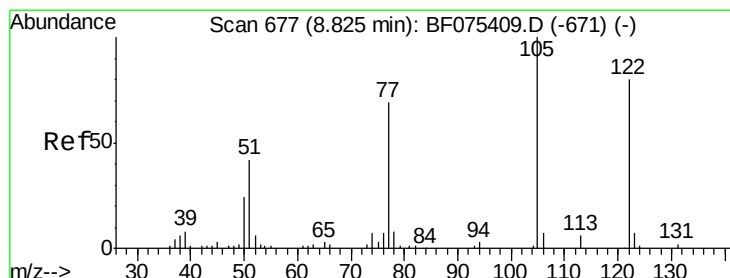
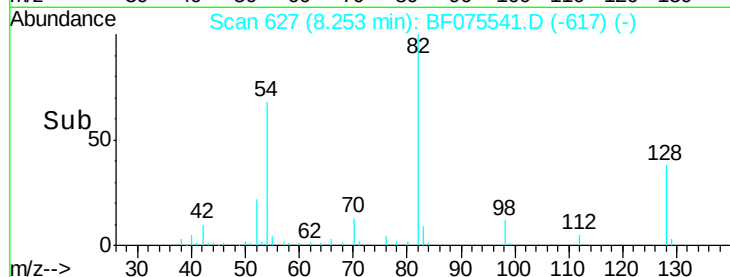
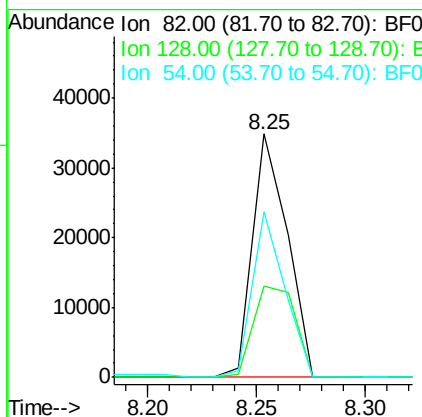
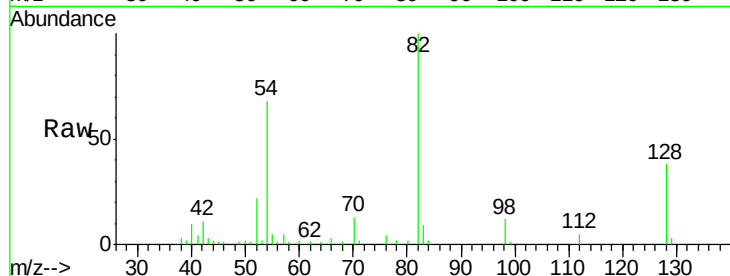
ClientSampleId :

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Tot Ion:	82	Resp:	38916
Ion Ratio	Lower	Upper	
82	100		
128	37.5	37.8	56.6#
54	67.7	49.8	74.8

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#32

Benzoic acid

Concen: 172.82 ng m

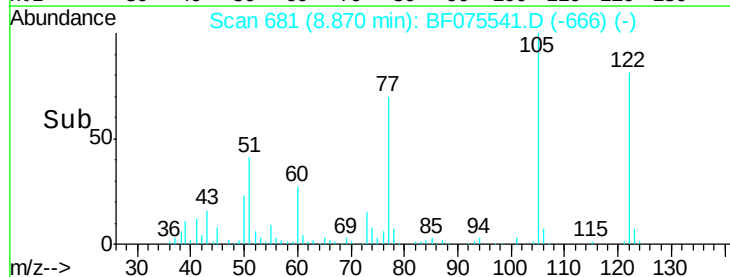
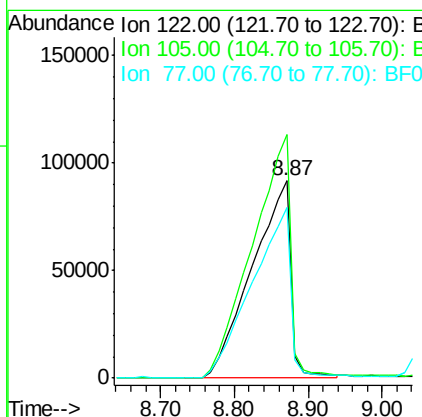
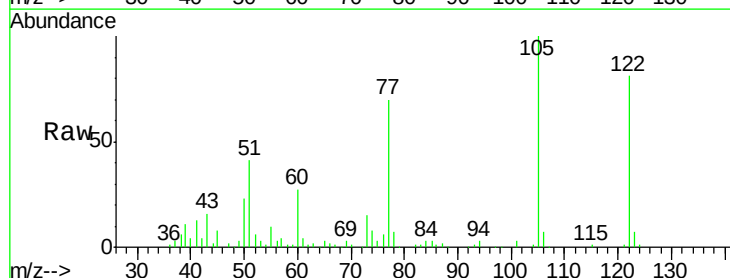
RT: 8.87 min Scan# 681

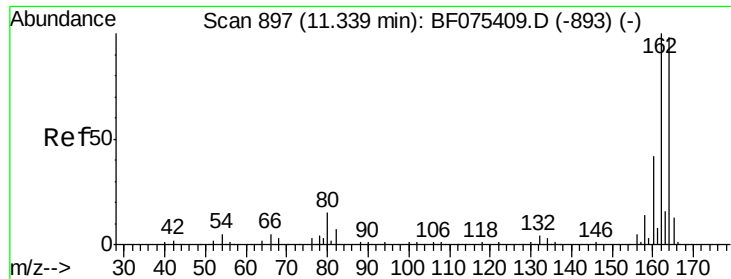
Delta R.T. 0.07 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Tgt Ion:	122	Resp:	332444
Ion Ratio	Lower	Upper	
122	100		
105	123.5	95.1	135.1
77	86.7	62.6	102.6





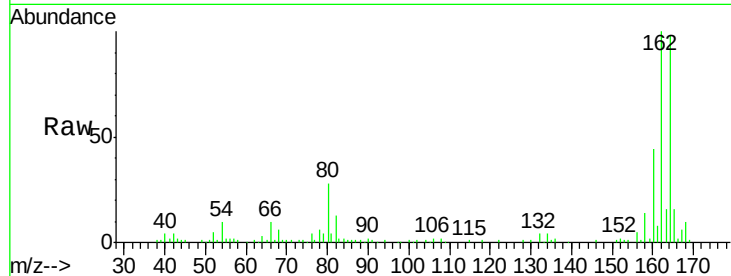
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF075541.D
Acq: 15 Nov 2014 14:53

Instrument :
BNA_F
ClientSampleId :
EFFWW

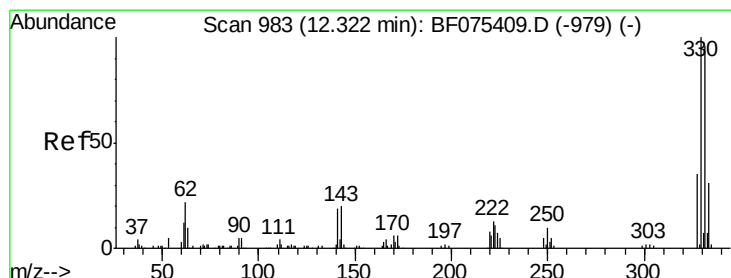
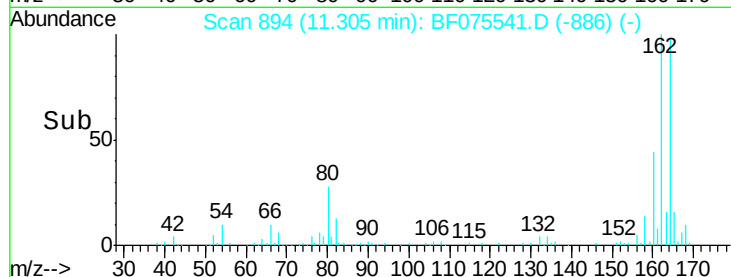
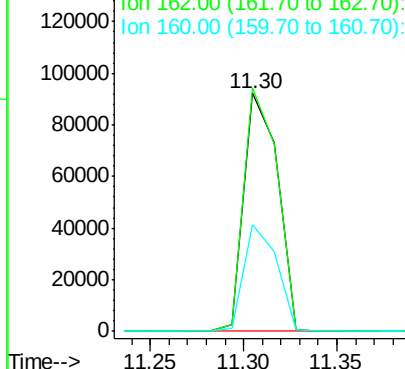
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.1	118.7
160	44.5	34.6	51.8

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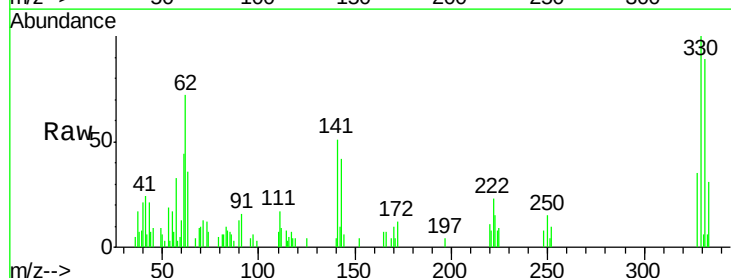


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

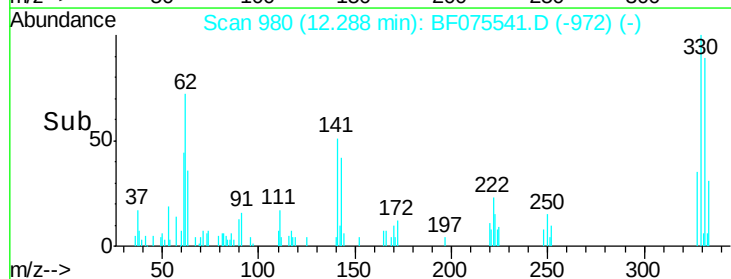
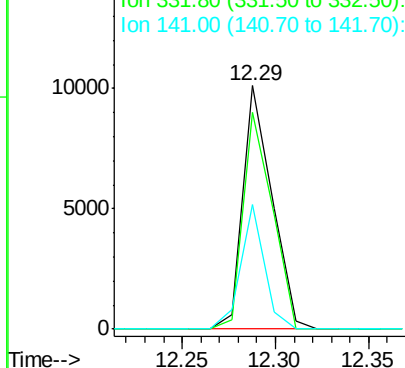


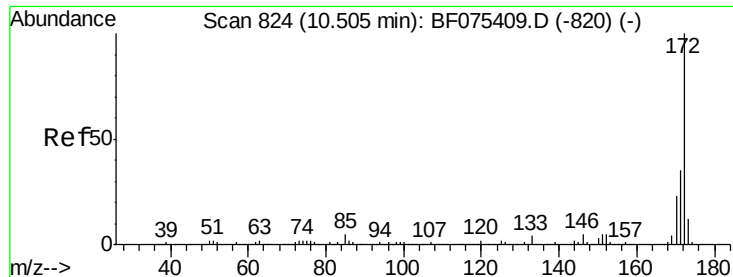
#41
2,4,6-Tribromophenol
Concen: 11.36 ng
RT: 12.29 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF075541.D
Acq: 15 Nov 2014 14:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	88.2	74.5	111.7
141	42.0	30.7	46.1



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





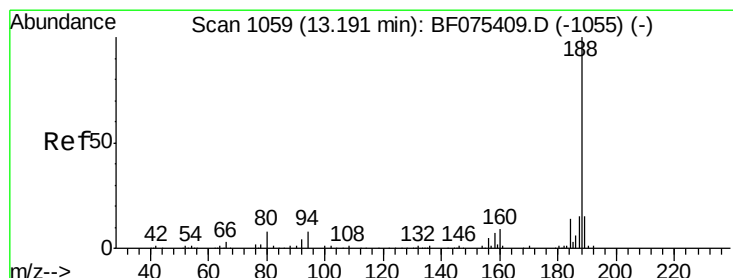
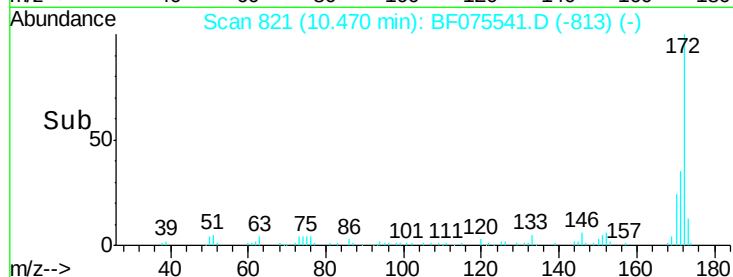
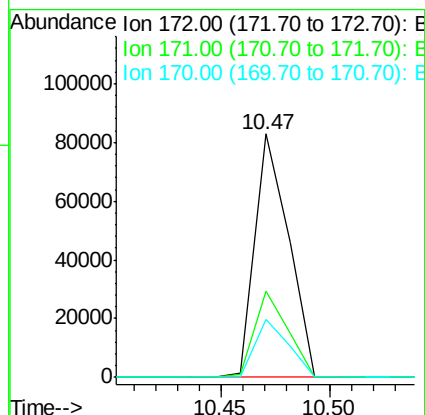
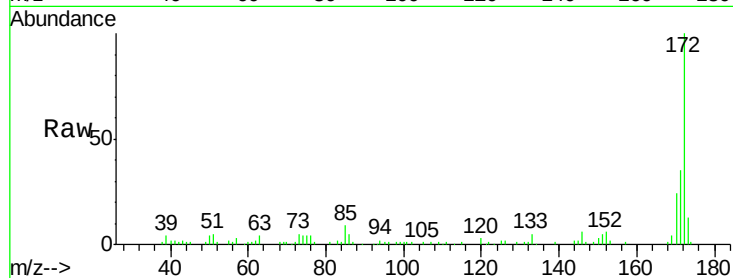
#44
2-Fluorobiphenyl
Concen: 13.95 ng
RT: 10.47 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF075541.D
Acq: 15 Nov 2014 14:53

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	23.7	18.4	27.6

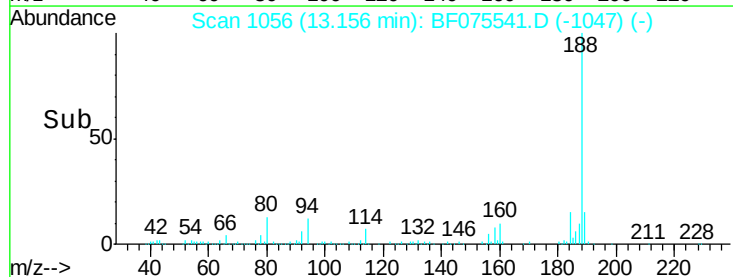
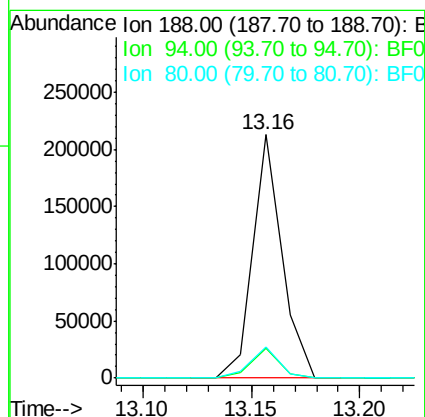
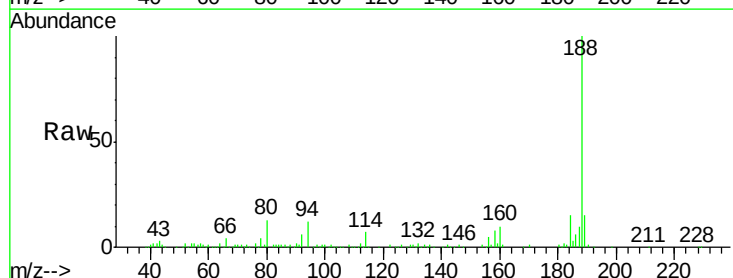
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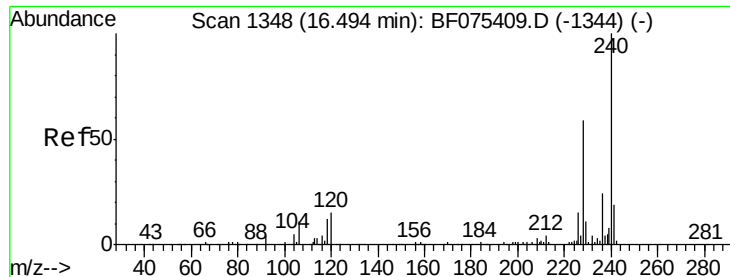
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075541.D
Acq: 15 Nov 2014 14:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	7.8	11.6#
80	12.6	8.0	12.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Instrument :

BNA_F

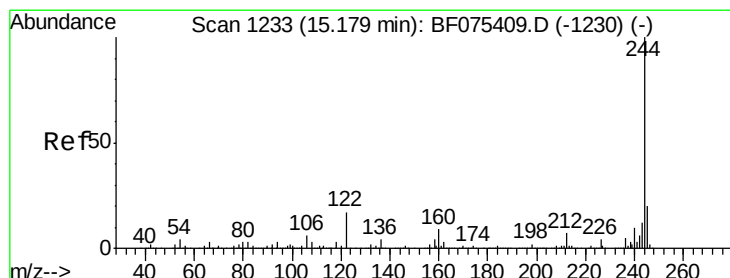
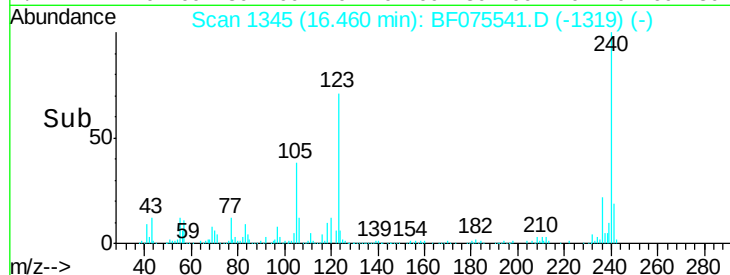
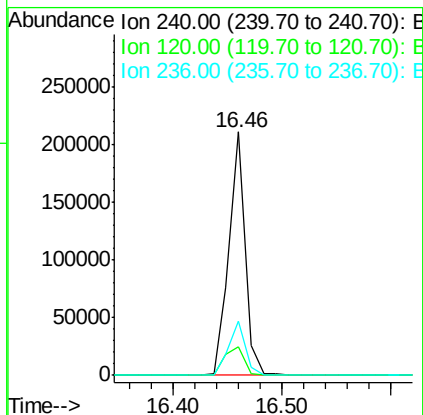
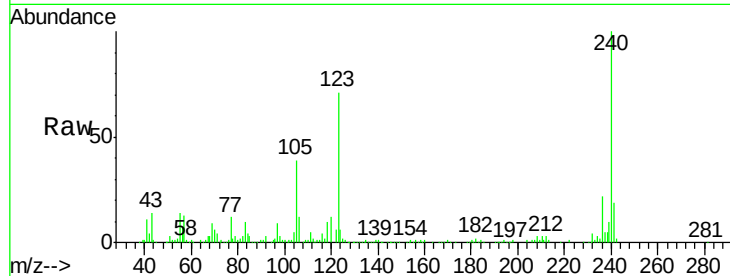
ClientSampled :

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Tot Ion:	240	Resp:	218086
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.6	14.4
236	22.2	18.9	28.3

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#78

Terphenyl-d14

Concen: 11.78 ng

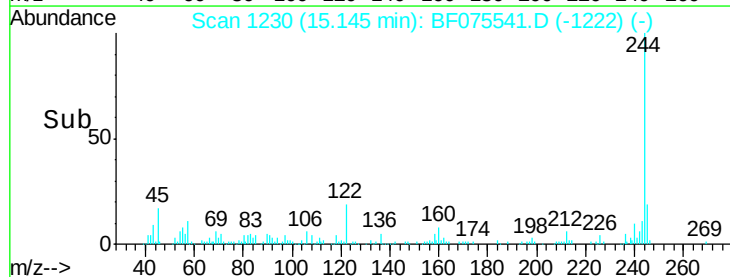
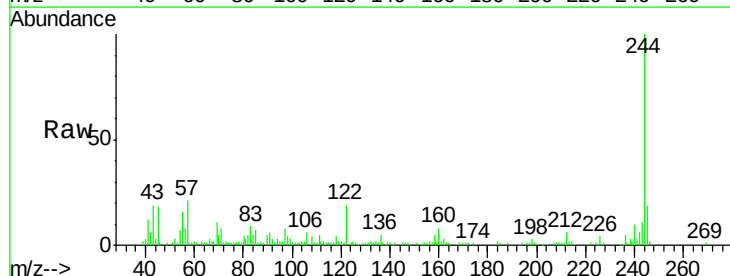
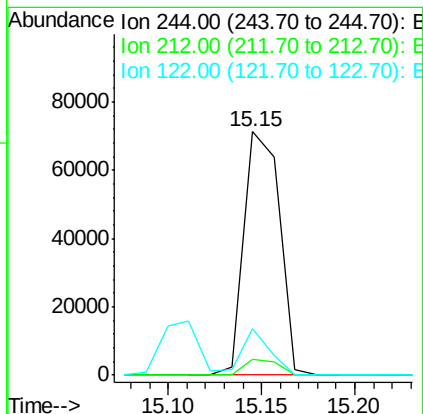
RT: 15.15 min Scan# 1230

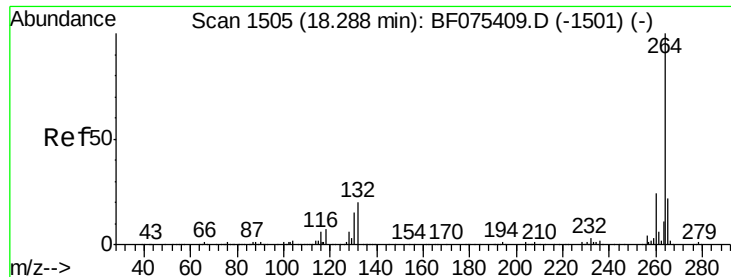
Delta R.T. -0.01 min

Lab File: BF075541.D

Acq: 15 Nov 2014 14:53

Tgt Ion:	244	Resp:	95432
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.5	8.3
122	19.2	9.7	14.5#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: BF075541.D
 Acq: 15 Nov 2014 14:53

Instrument :
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Tot Ion:	264	Resp:	224648
Ion Ratio	Lower	Upper	
264	100		
260	23.2	17.9	26.9
265	21.6	16.3	24.5

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