

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
 Data File : BF090650.D
 Acq On : 19 Oct 2016 16:26
 Operator : UM/SJ
 Sample : H5304-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-TP

Manual Integrations
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 10/20/2016 10:36:51 AM

Quant Time: Oct 19 17:29:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	260072	20.00	ng	-0.02
21) Naphthalene-d8	8.17	136	1071023	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	598588	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	1005155	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	933254	20.00	ng	-0.03
86) Perylene-d12	15.50	264	748788	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1536733	108.32	ng	-0.01
7) Phenol-d6	6.53	99	2111369	100.16	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1390151	72.10	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	665762	124.75	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	2307445	63.52	ng	-0.02
78) Terphenyl-d14	13.01	244	2829935	70.60	ng	-0.02

Target Compounds Qvalue

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

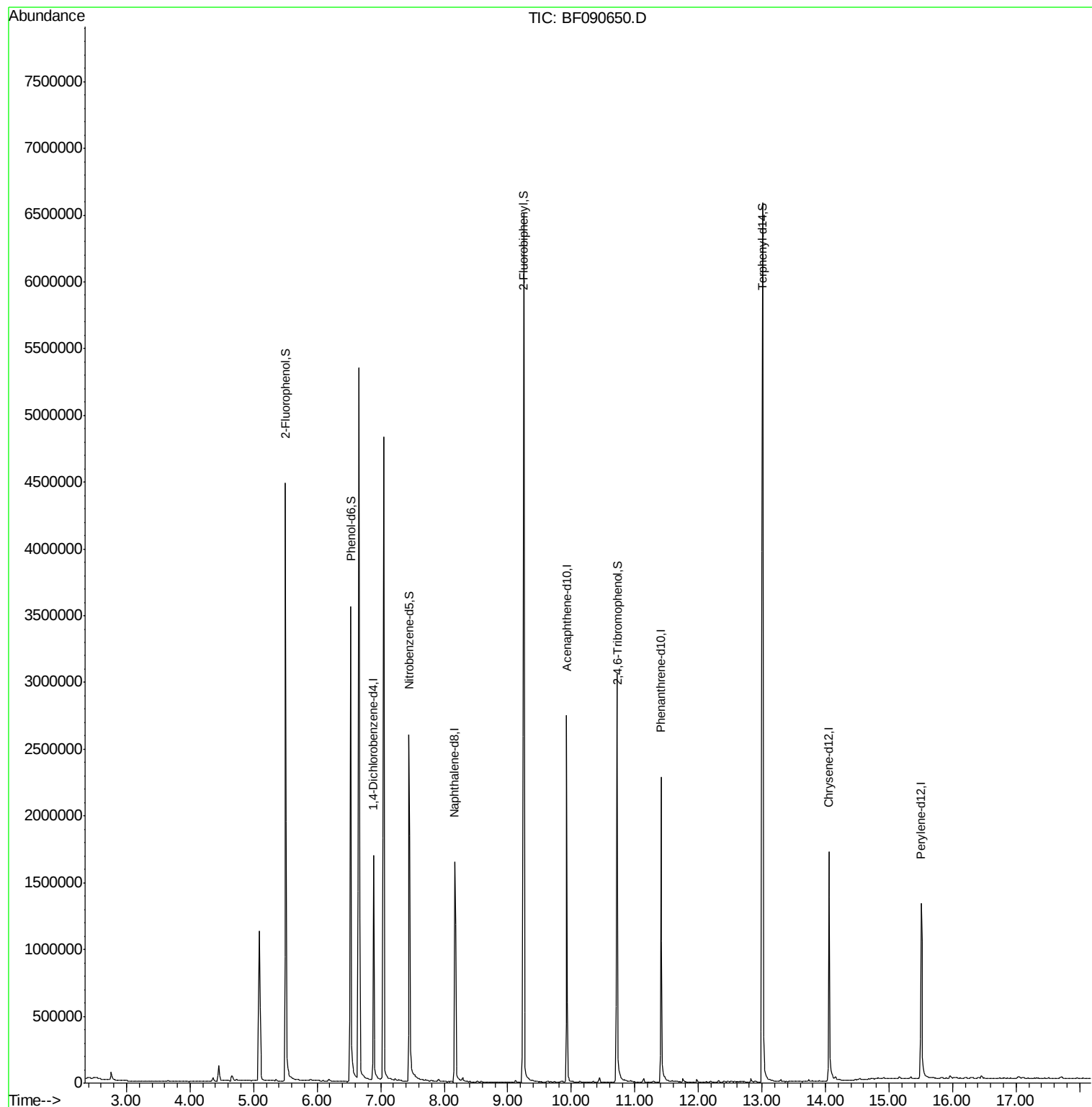
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090650.D
Acq On : 19 Oct 2016 16:26
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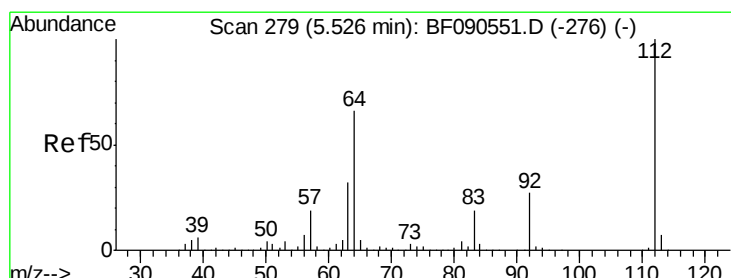
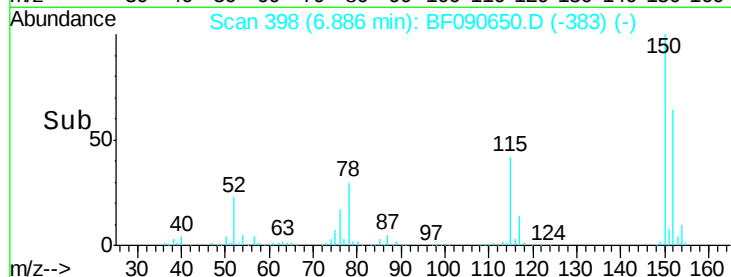
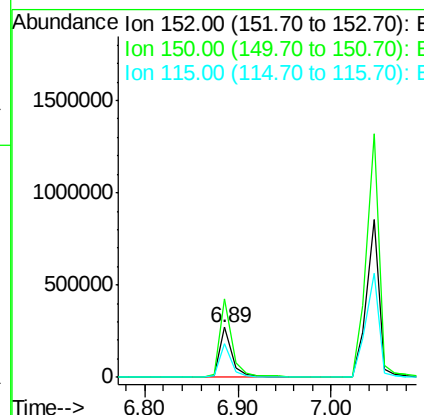
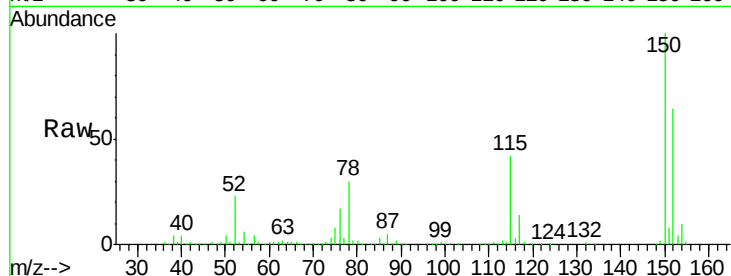
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 COMP-TP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.2	190.8
115	66.6	58.6	88.0

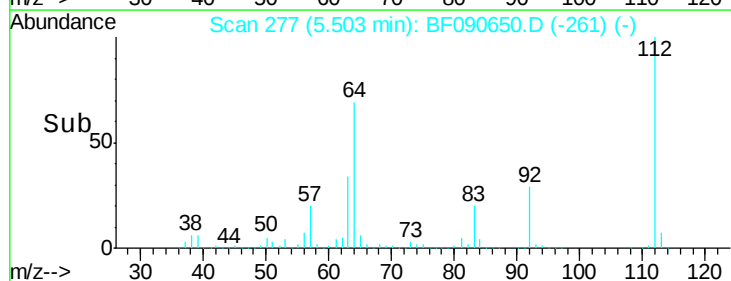
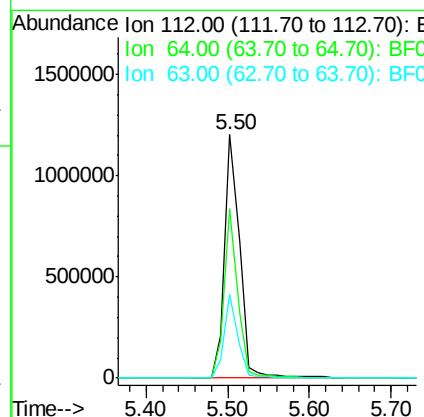
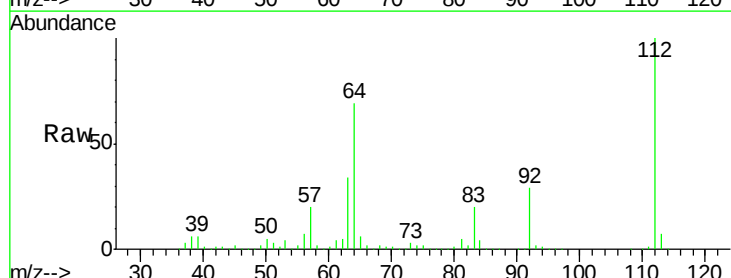
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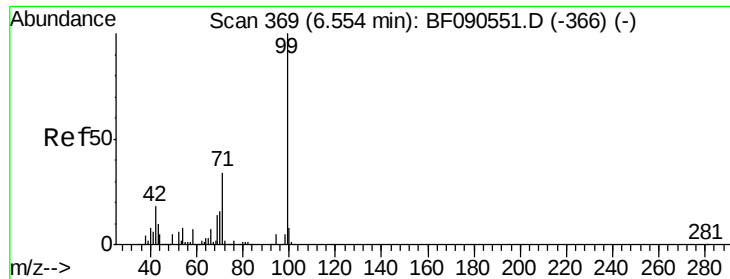
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#5
 2-Fluorophenol
 Concen: 108.32 ng
 RT: 5.50 min Scan# 277
 Delta R.T. -0.01 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.6	78.8
63	34.3	26.0	39.0





#7

Phenol-d6

Concen: 100.16 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090650.D

Acq: 19 Oct 2016 16:26

Instrument :

BNA_F

ClientSampleId :

COMP-TP

Tot Ion: 99 Resp: 2111369

Ion Ratio Lower Upper

99 100

42 12.6 14.7 22.1#

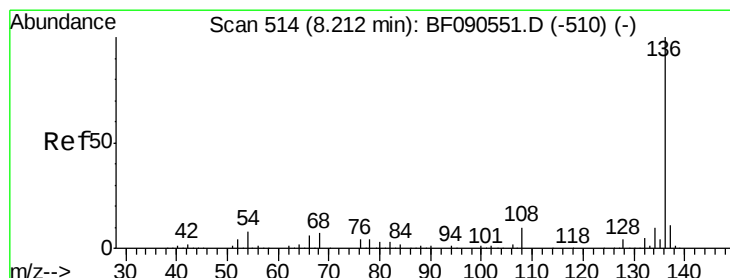
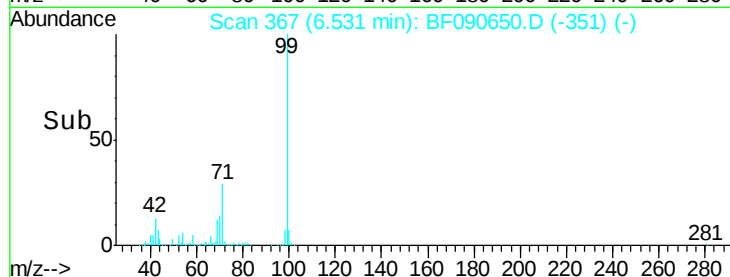
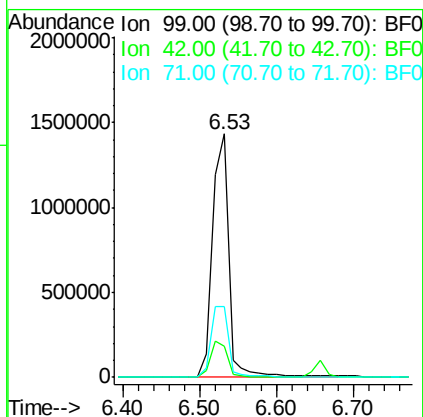
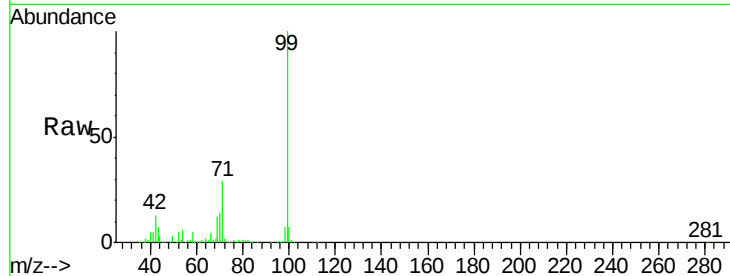
71 29.1 27.6 41.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF090650.D

Acq: 19 Oct 2016 16:26

Tgt Ion: 136 Resp: 1071023

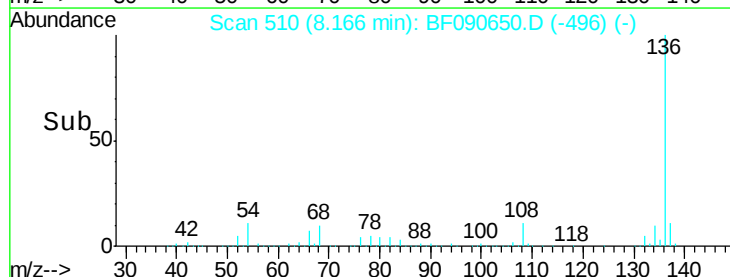
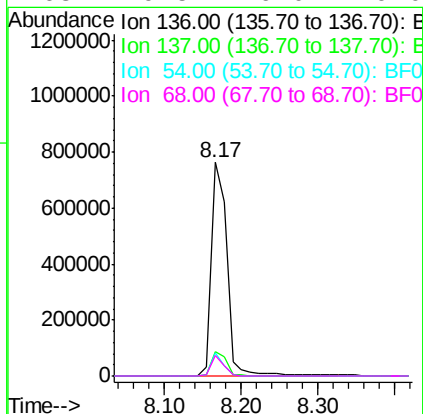
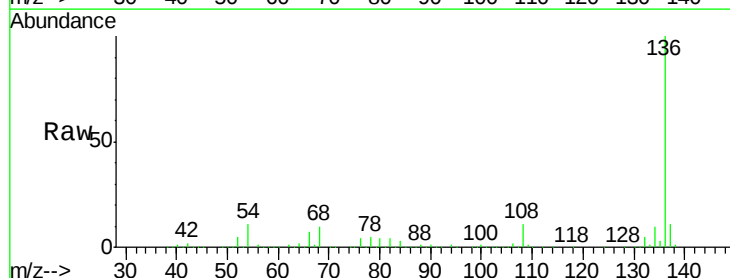
Ion Ratio Lower Upper

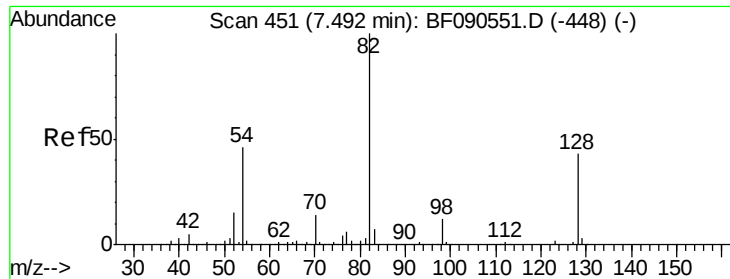
136 100

137 11.4 8.8 13.2

54 10.9 6.8 10.2#

68 9.5 6.0 9.0#





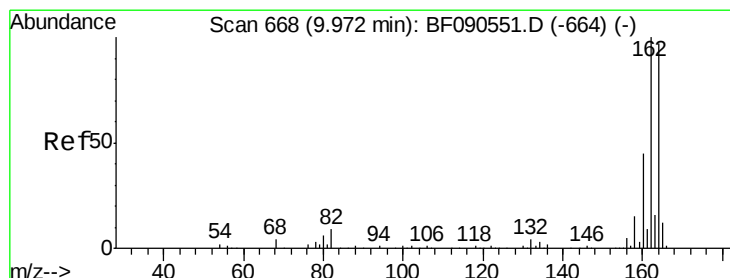
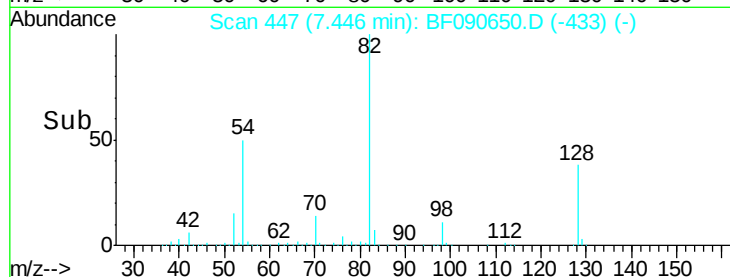
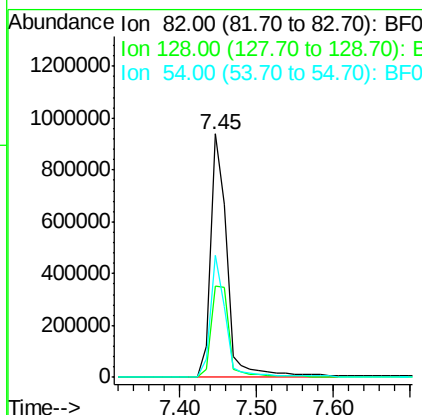
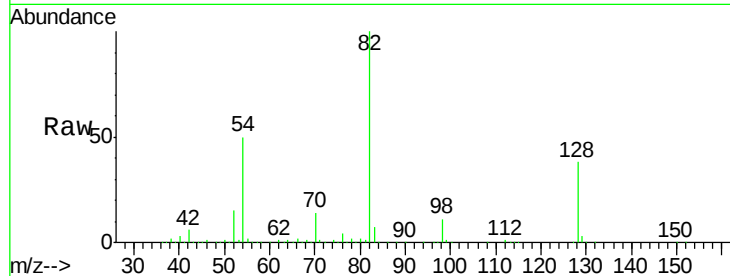
#23
 Nitrobenzene-d5
 Concen: 72.10 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 COMP-TP

Tot Ion	82	Resp	1390151
Ion Ratio	100	Lower	Upper
82	100		
128	37.7	34.3	51.5
54	50.2	37.0	55.6

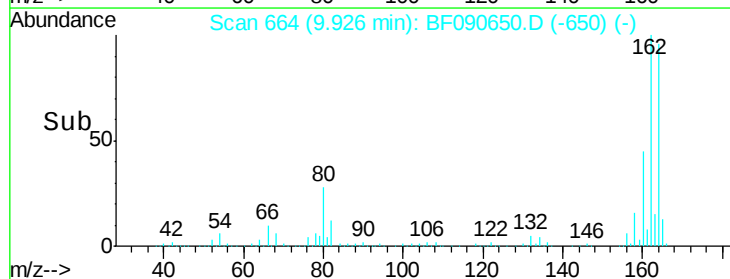
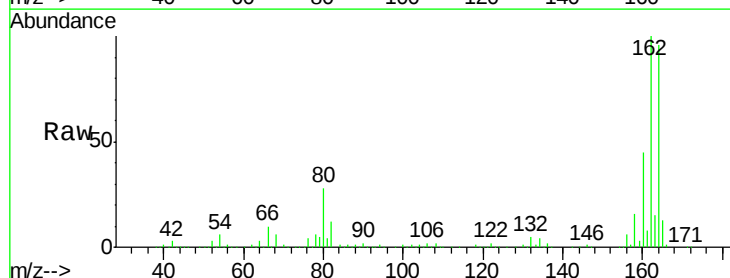
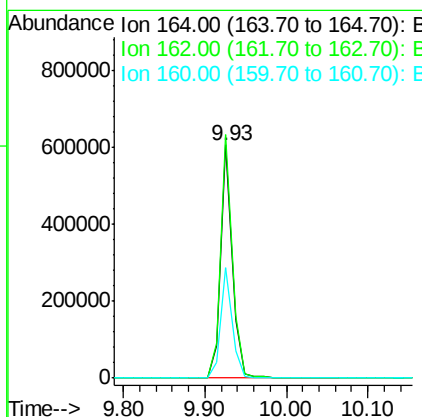
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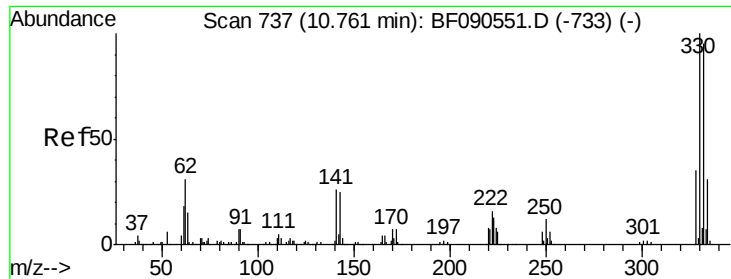
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Tgt Ion	164	Resp	598588
Ion Ratio	100	Lower	Upper
164	100		
162	104.5	82.2	123.4
160	47.4	36.6	55.0





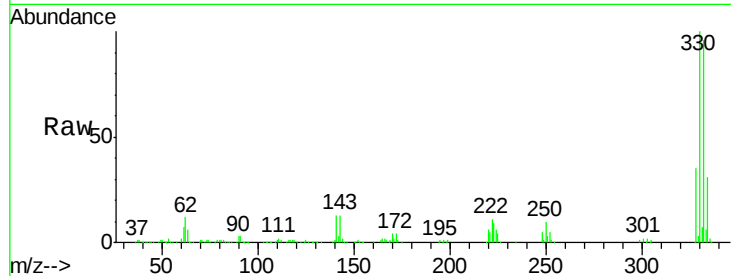
#41
 2,4,6-Tribromophenol
 Concen: 124.75 ng
 RT: 10.73 min Scan# 734
 Delta R.T. -0.02 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 COMP-TP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	665762		
332	95.8		76.2	114.2
141	29.9		31.4	47.2#

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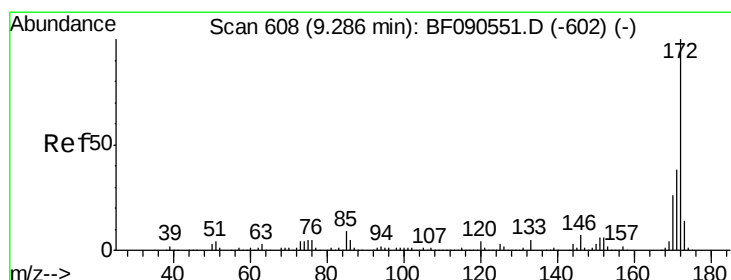
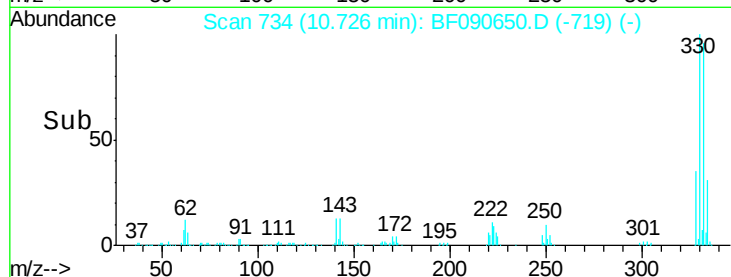
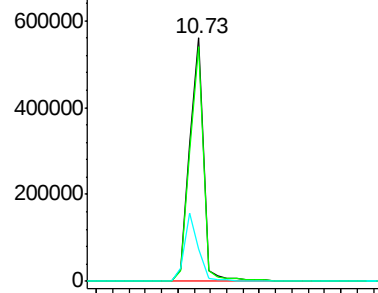


Abundance

Ion 329.80 (329.50 to 330.50): E

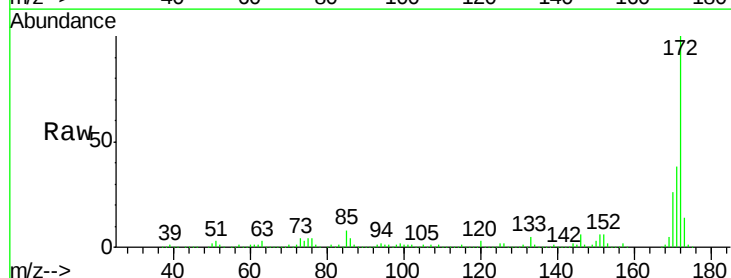
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.52 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2307445		
171	37.6		30.1	45.1
170	25.8		20.6	30.8

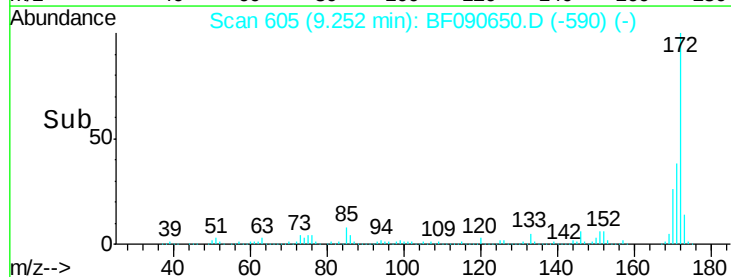
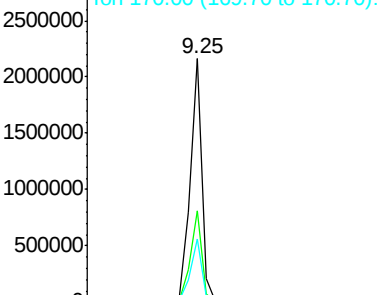


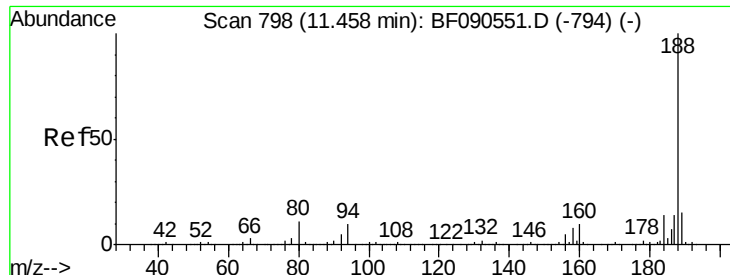
Abundance

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





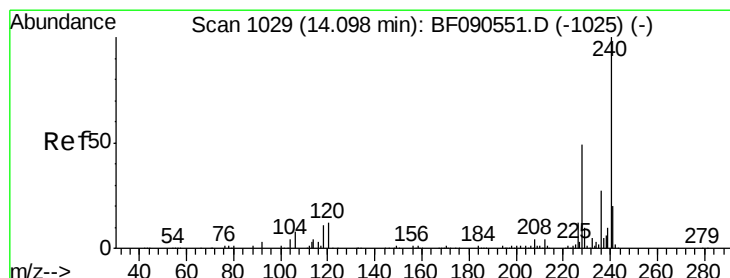
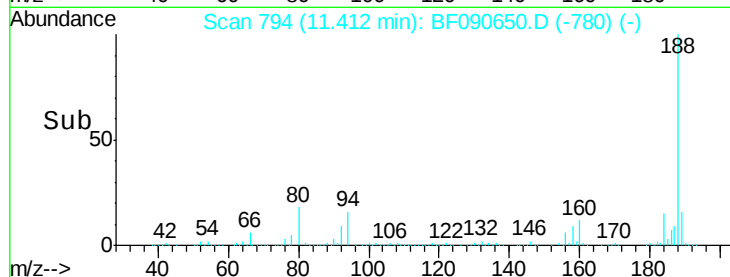
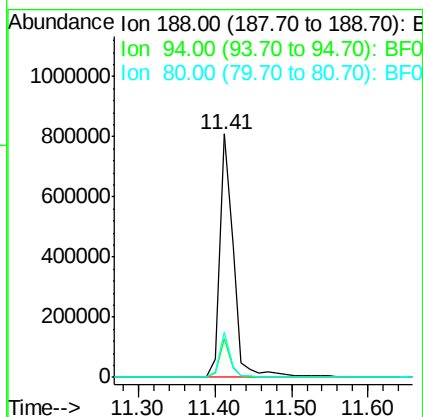
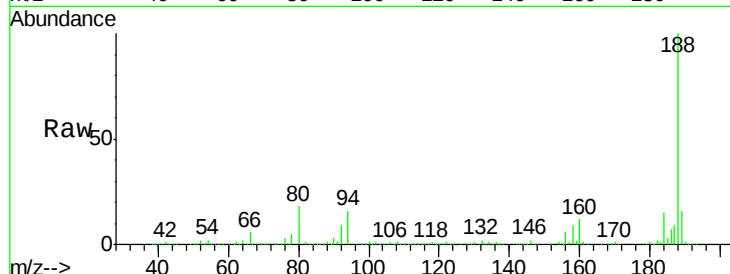
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF090650.D
Acq: 19 Oct 2016 16:26

Instrument :
BNA_F
ClientSampled :
COMP-TP

Tot Ion	Ratio	Lower	Upper
188	100		
94	15.8	7.7	11.5#
80	18.3	8.6	12.8#

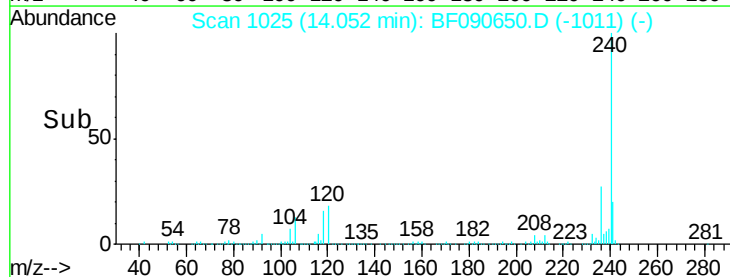
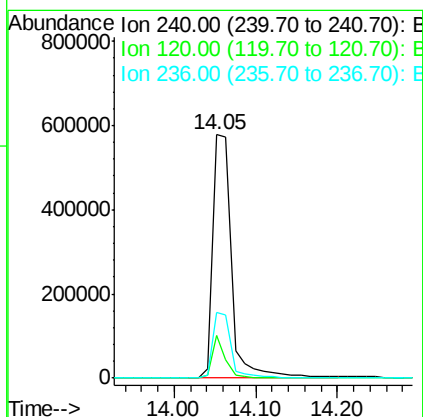
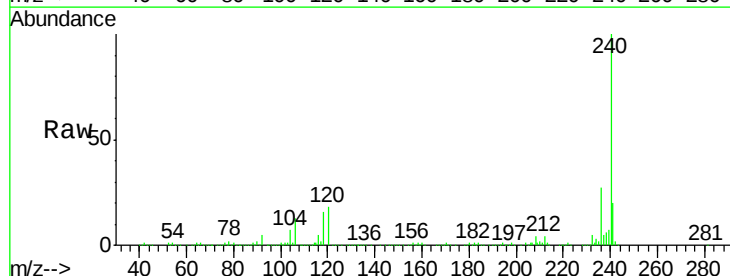
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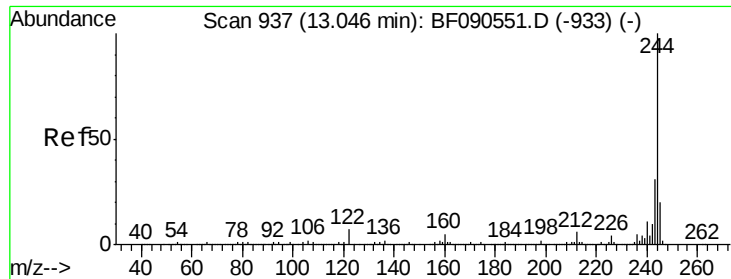
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF090650.D
Acq: 19 Oct 2016 16:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.7	9.8	14.8#
236	26.8	21.7	32.5





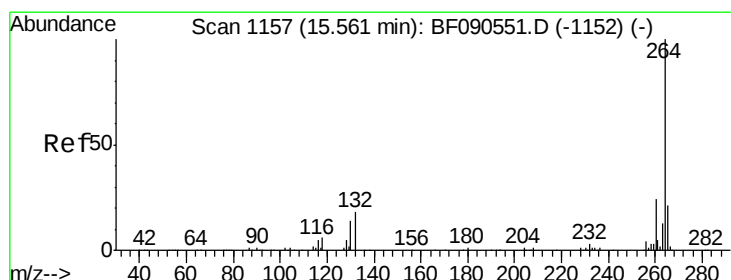
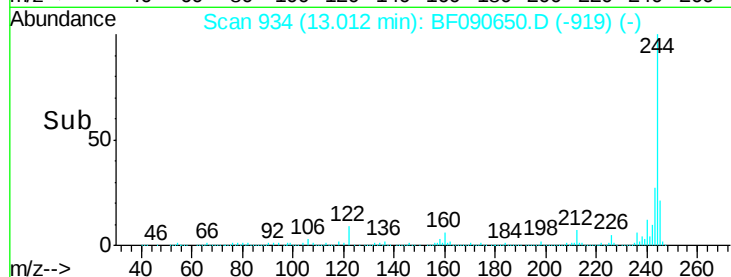
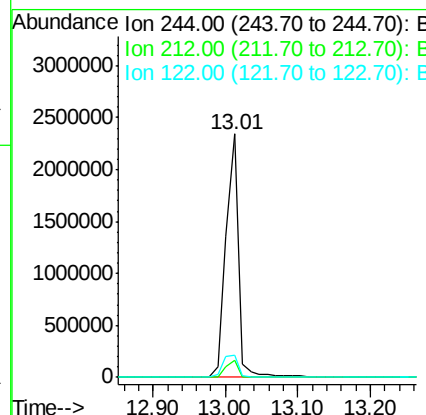
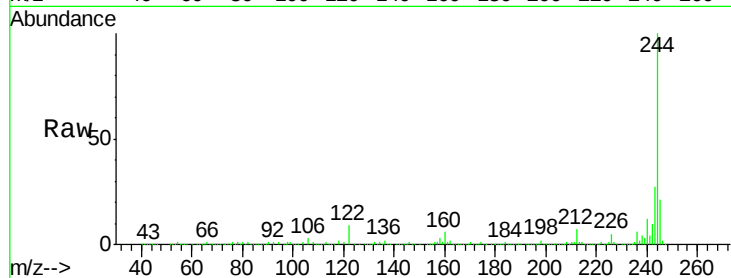
#78
 Terphenyl-d14
 Concen: 70.60 ng
 RT: 13.01 min Scan# 934
 Delta R.T. -0.02 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Instrument :
 BNA_F
 ClientSampleId :
 COMP-TP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	9.2	5.6	8.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.03 min
 Lab File: BF090650.D
 Acq: 19 Oct 2016 16:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	22.1	16.7	25.1

