

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088354.D
 Acq On : 25 Jun 2016 2:09
 Operator : UM/SJ
 Sample : H3644-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1

Manual Integrations
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Quant Time: Jun 25 05:23:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	74008m	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	288557	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	121547	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	191140	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	165072	20.00	ng	-0.03
86) Perylene-d12	15.07	264	122546	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	458534	105.92	ng	0.00
7) Phenol-d6	6.25	99	554713	105.73	ng	-0.01
23) Nitrobenzene-d5	7.15	82	326636	66.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	103138	80.36	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	625096	80.50	ng	-0.02
78) Terphenyl-d14	12.67	244	445386	61.40	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.35	163	98158	11.15	ng	Qvalue 100
74) Fluoranthene	12.30	202	31247	2.95	ng	98
77) Pyrene	12.53	202	29092	2.37	ng	98
87) Benzo(b)fluoranthene	14.71	252	22455m	2.63	ng	

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

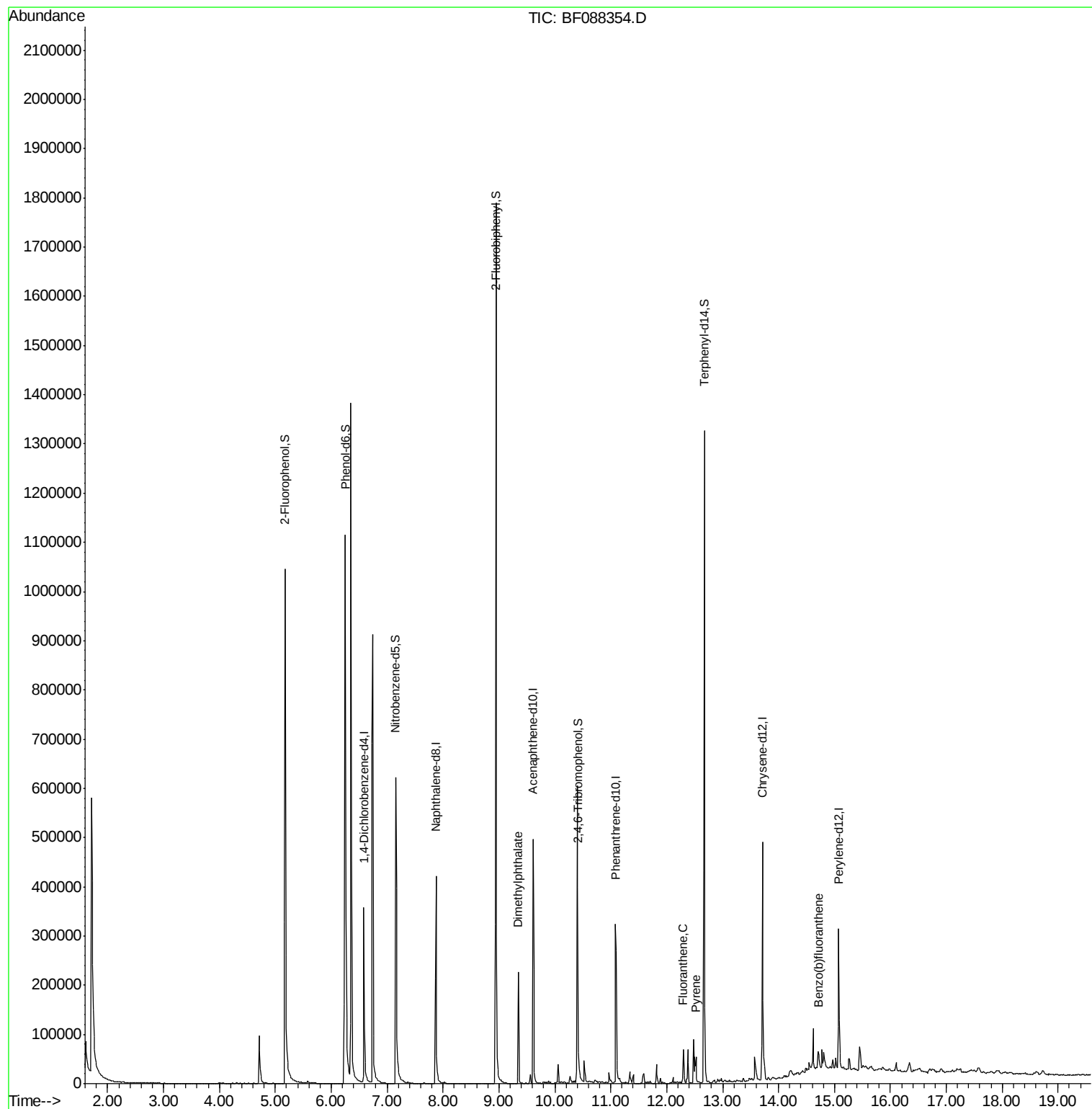
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088354.D
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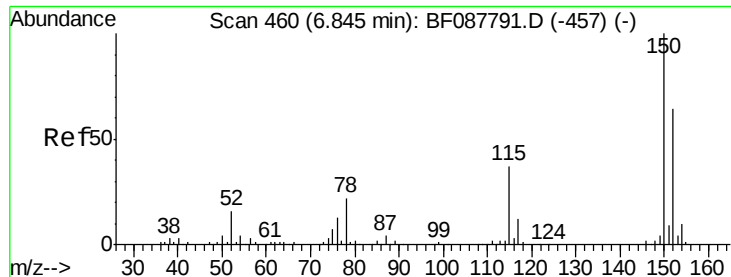
Instrument :
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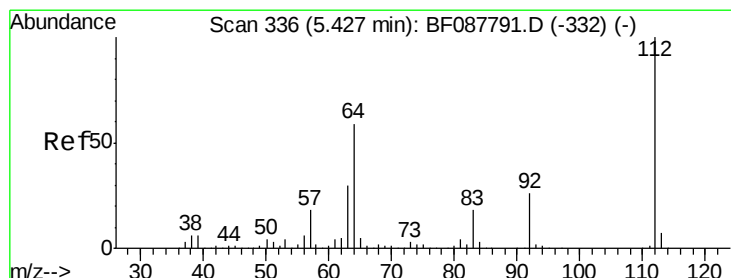
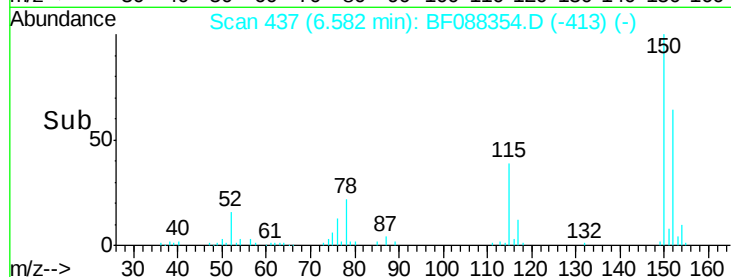
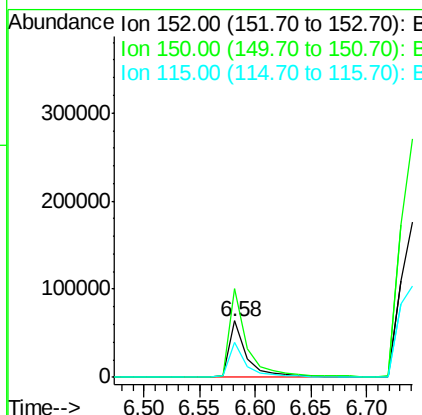
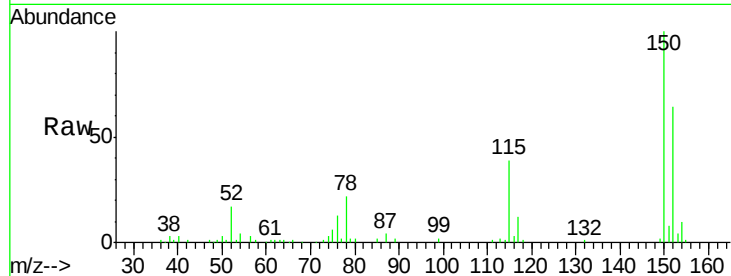
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng m
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF088354.D
 Acq: 25 Jun 2016 2:09

Instrument :
 BNA_F
 ClientSampled :
 CF-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	61.0	39.6	59.4

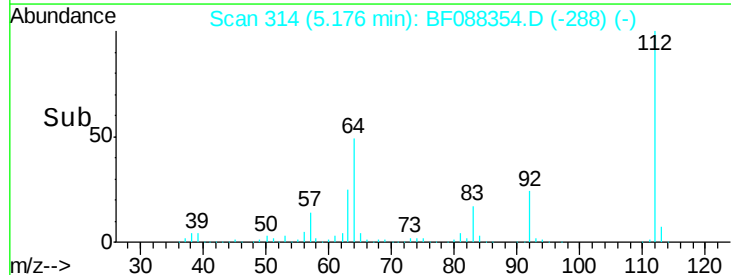
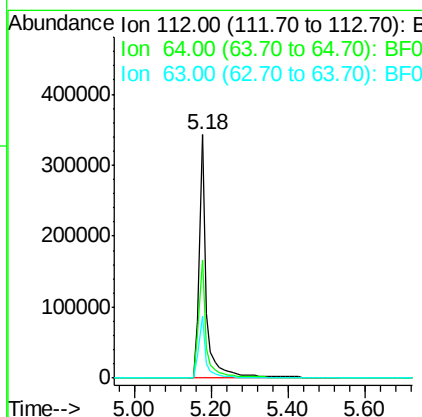
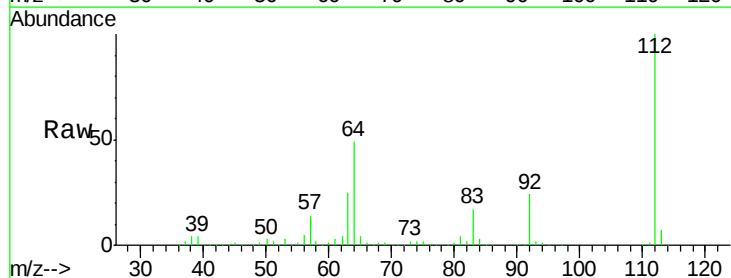
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#5
 2-Fluorophenol
 Concen: 105.92 ng
 RT: 5.18 min Scan# 314
 Delta R.T. 0.00 min
 Lab File: BF088354.D
 Acq: 25 Jun 2016 2:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.8	42.2	63.2
63	25.2	21.8	32.8





#7

Phenol-d6

Concen: 105.73 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088354.D

Acq: 25 Jun 2016 2:09

Instrument :

BNA_F

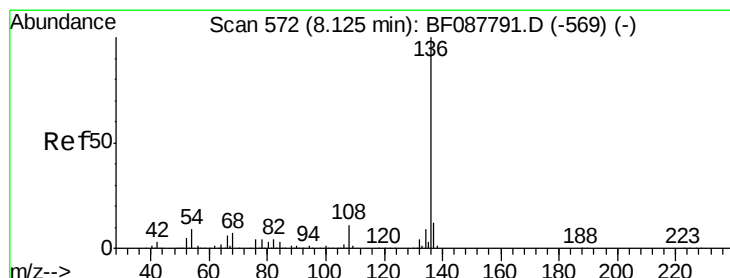
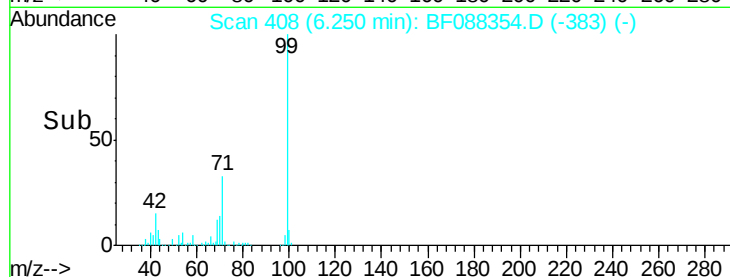
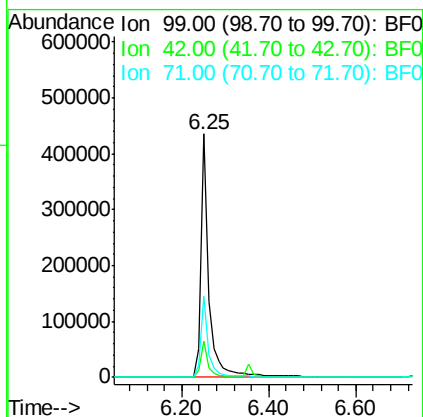
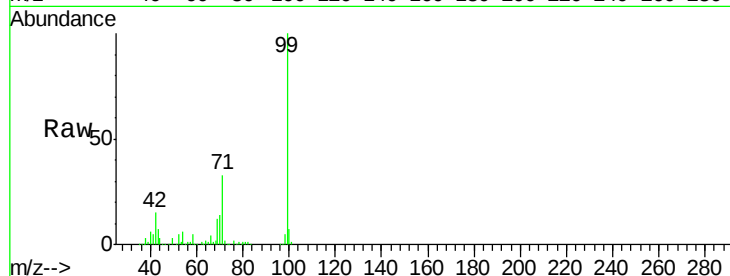
ClientSampleId :

CF-1

Tgt Ion:	99	Resp:	554713
Ion Ratio	Lower	Upper	
99	100		
42	15.0	12.2	18.2
71	33.2	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

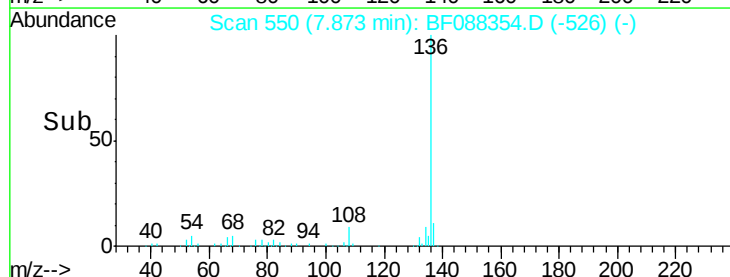
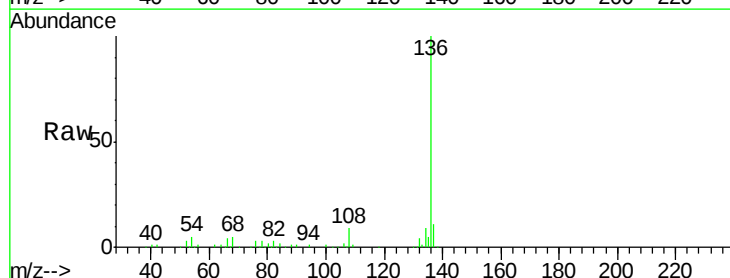
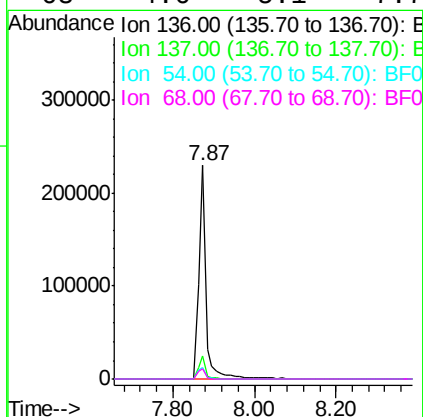
RT: 7.87 min Scan# 550

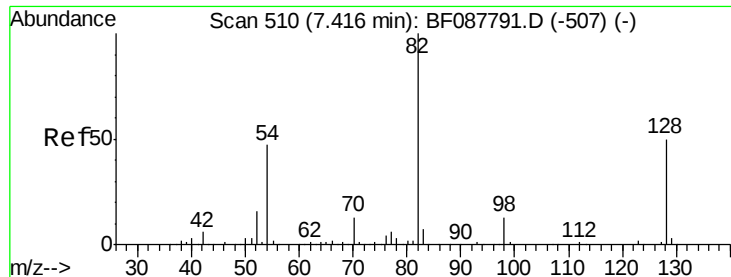
Delta R.T. -0.02 min

Lab File: BF088354.D

Acq: 25 Jun 2016 2:09

Tgt Ion:	136	Resp:	288557
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	5.2	6.6	10.0#
68	4.6	5.1	7.7#





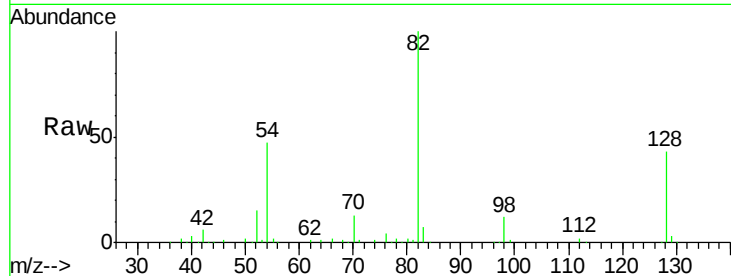
#23
 Nitrobenzene-d5
 Concen: 66.10 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF088354.D
 Acq: 25 Jun 2016 2:09

Instrument :
 BNA_F
 ClientSampled :
 CF-1

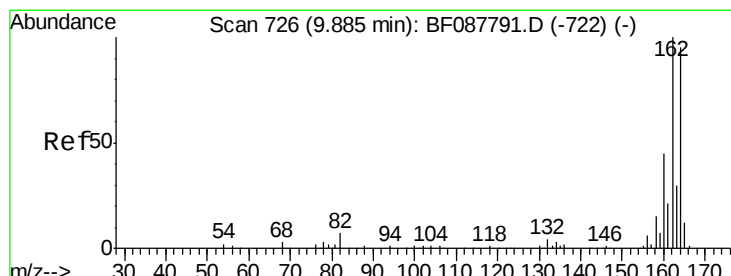
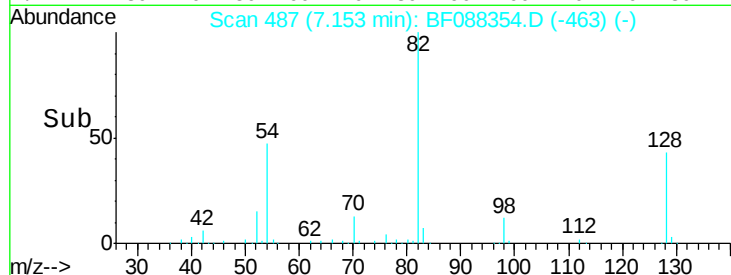
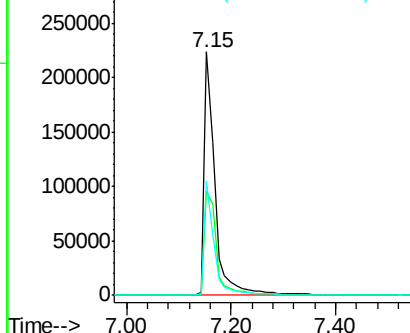
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.9	53.9
54	47.1	40.9	61.3

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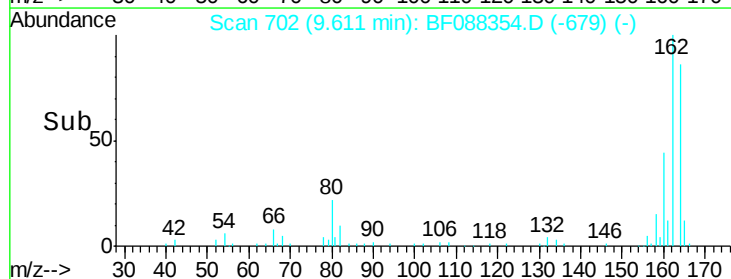
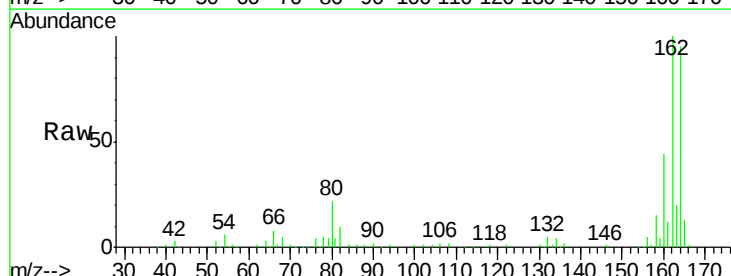
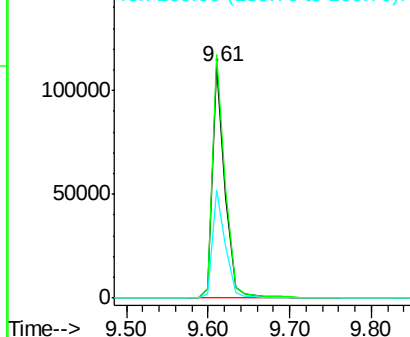
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

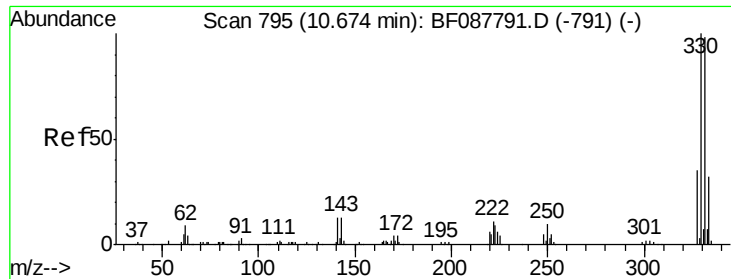


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF088354.D
 Acq: 25 Jun 2016 2:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	46.3	39.5	59.3

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





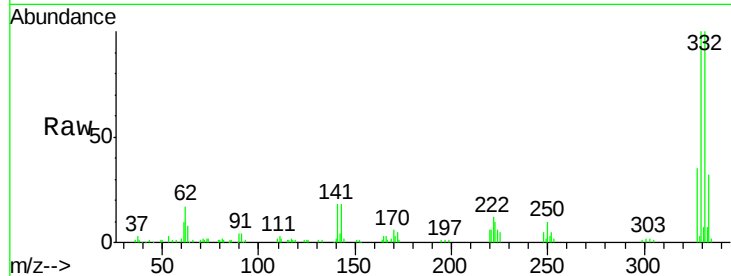
#41
2,4,6-Tribromophenol
Concen: 80.36 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088354.D
Acq: 25 Jun 2016 2:09

Instrument :
BNA_F
ClientSampled :
CF-1

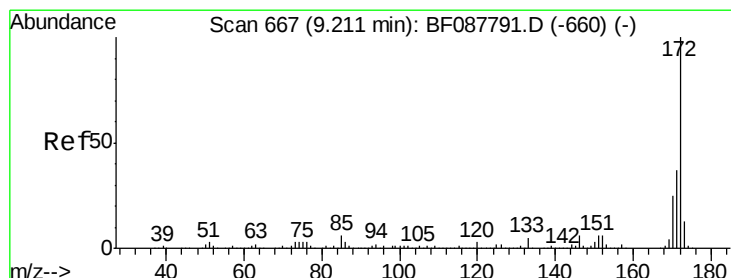
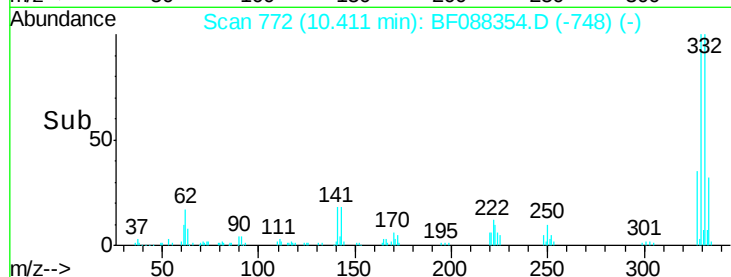
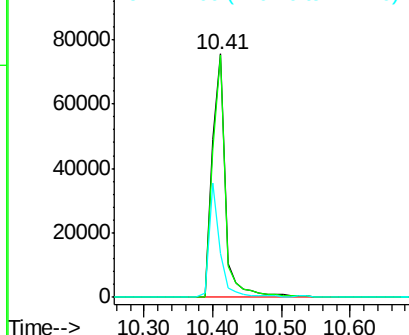
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	0.0	0.0#
141	38.4	0.0	0.0#

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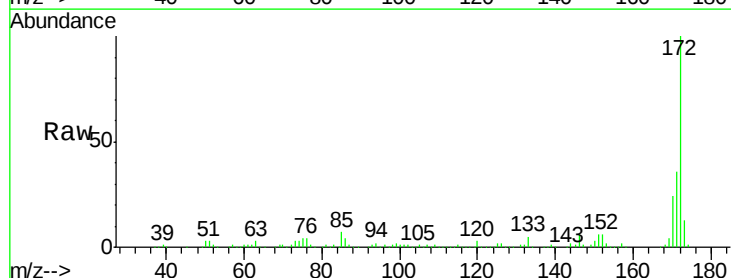


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

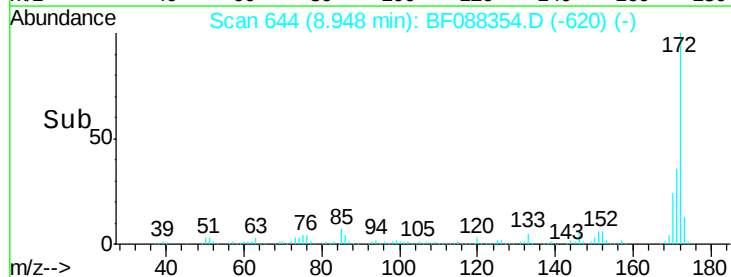
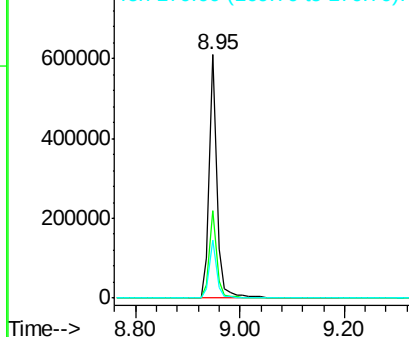


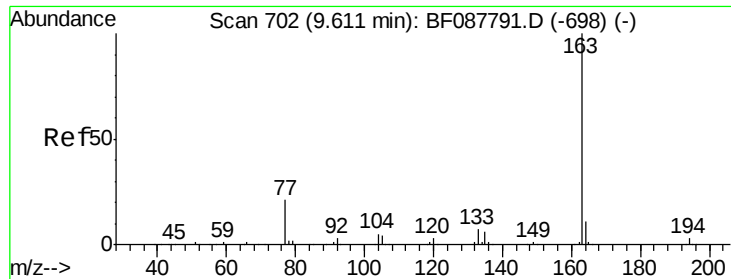
#44
2-Fluorobiphenyl
Concen: 80.50 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088354.D
Acq: 25 Jun 2016 2:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.8	28.6	43.0
170	23.9	19.2	28.8



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





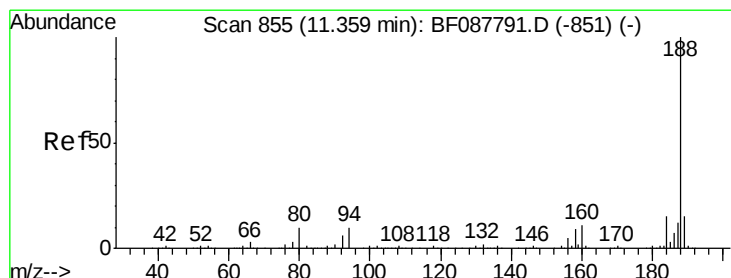
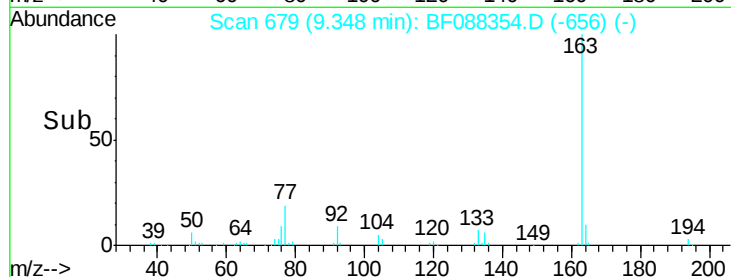
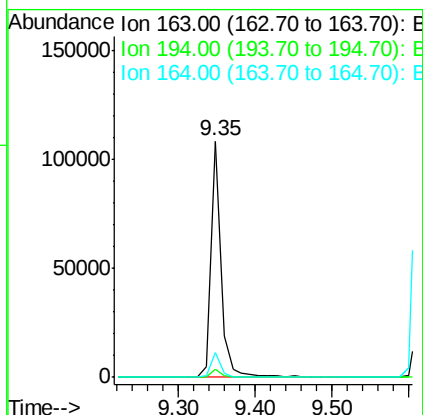
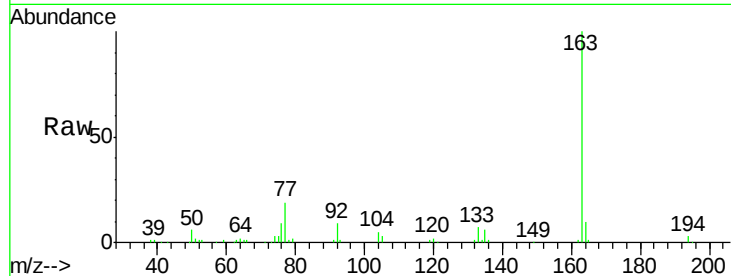
#49
Dimethylphthalate
Concen: 11.15 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF088354.D
Acq: 25 Jun 2016 2:09

Instrument :
BNA_F
ClientSampled :
CF-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.8	4.2
164	10.4	8.3	12.5

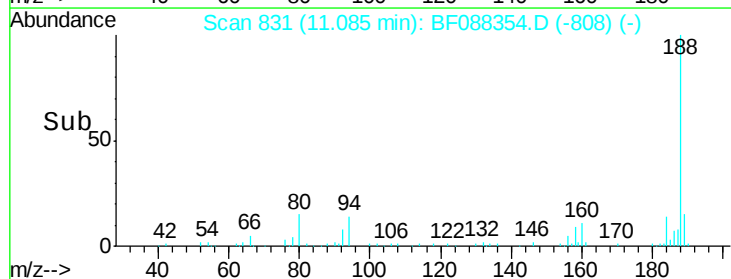
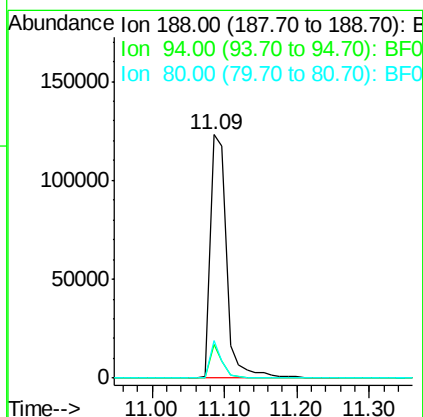
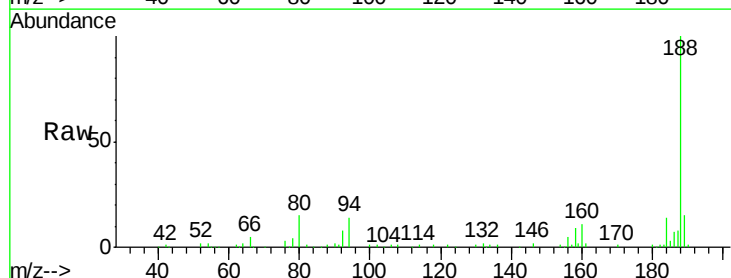
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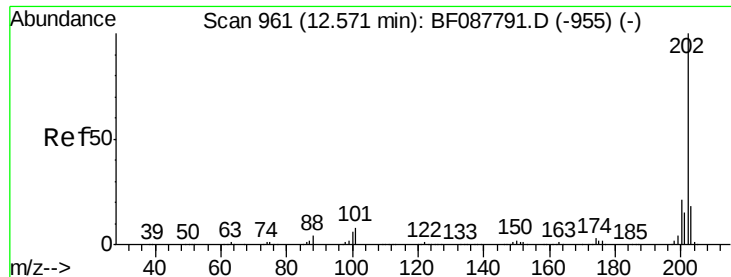
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF088354.D
Acq: 25 Jun 2016 2:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.0	9.0	13.6#
80	15.2	10.0	15.0#





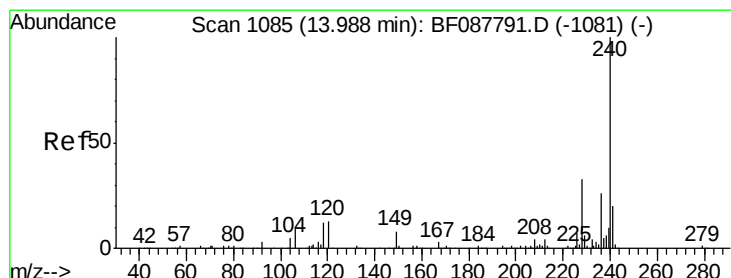
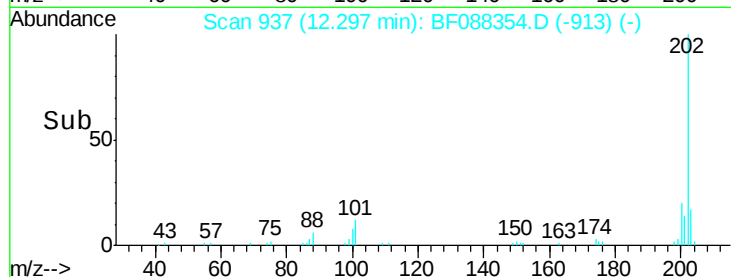
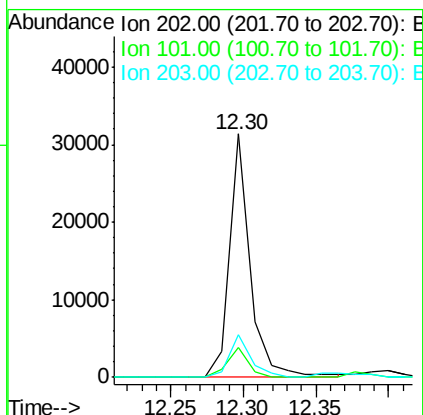
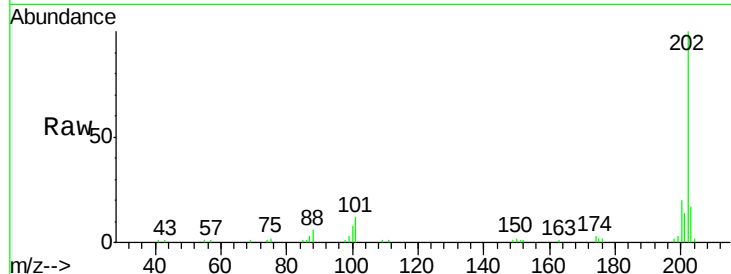
#74
 Fluoranthene
 Concen: 2.95 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF088354.D
 Acq: 25 Jun 2016 2:09

Instrument :
 BNA_F
 ClientSampleId :
 CF-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.0	0.0	33.1
203	17.3	0.0	38.1

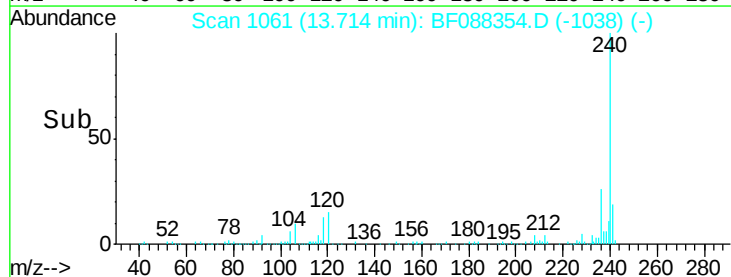
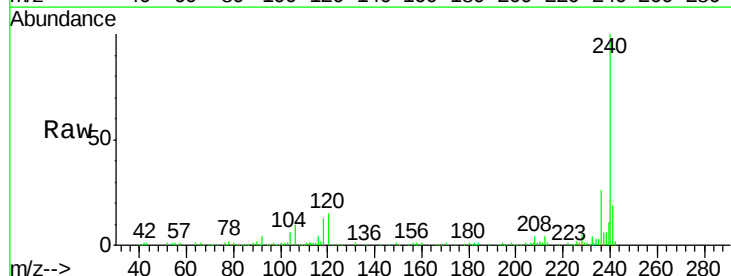
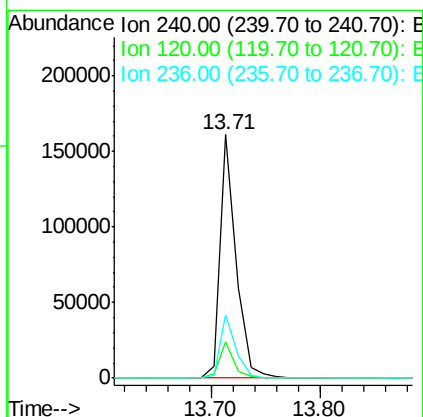
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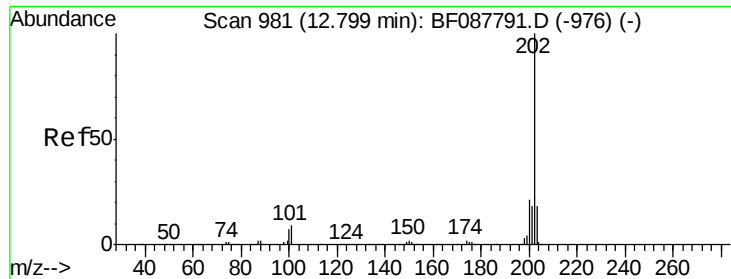
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.03 min
 Lab File: BF088354.D
 Acq: 25 Jun 2016 2:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.8	6.8	10.2#
236	25.9	20.2	30.2





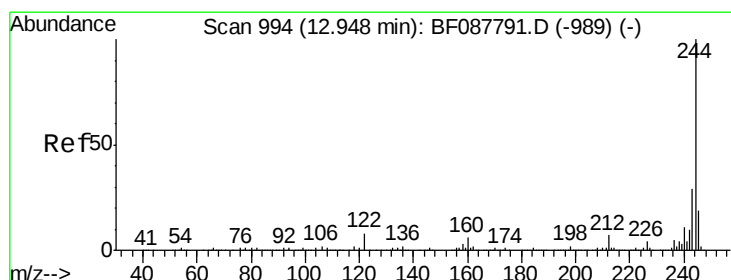
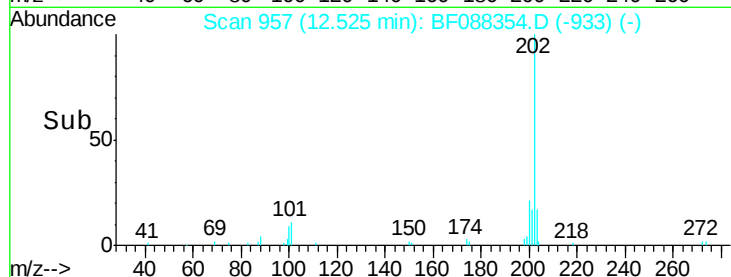
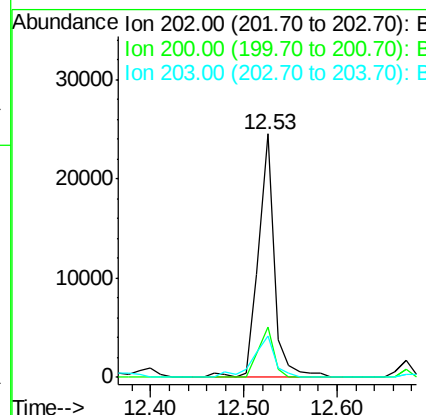
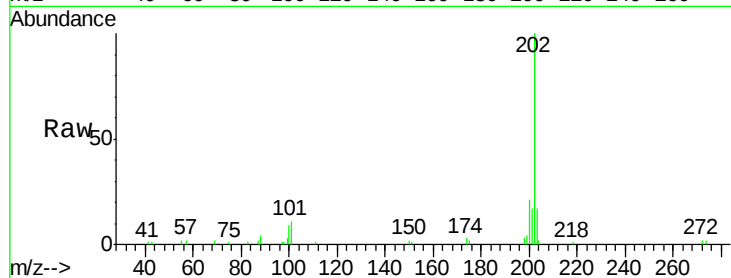
#77
 Pyrene
 Concen: 2.37 ng
 RT: 12.53 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BF088354.D
 Acq: 25 Jun 2016 2:09

Instrument :
 BNA_F
 ClientSampleId :
 CF-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.6	17.4	26.2
203	17.2	14.5	21.7

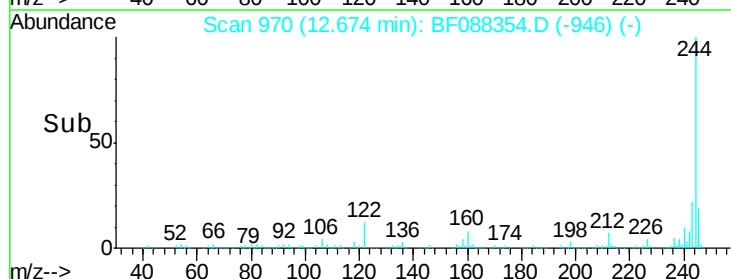
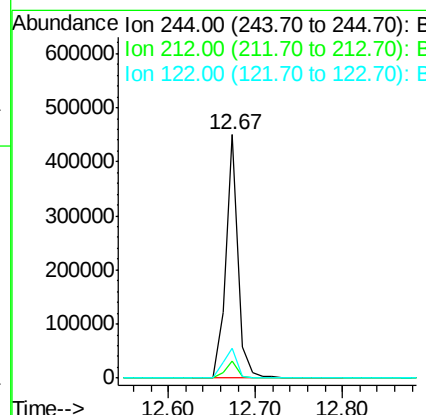
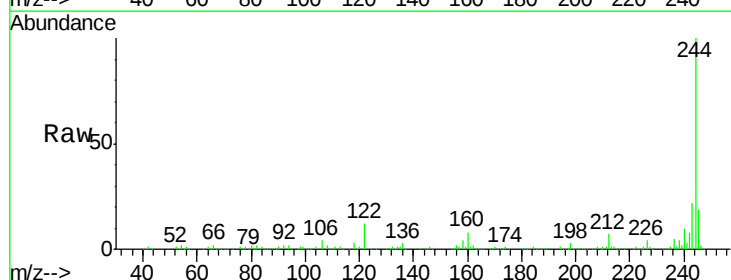
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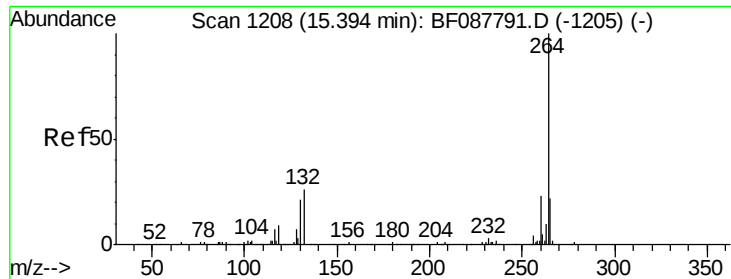
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#78
 Terphenyl-d14
 Concen: 61.40 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088354.D
 Acq: 25 Jun 2016 2:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	6.0	9.0
122	12.1	11.2	16.8





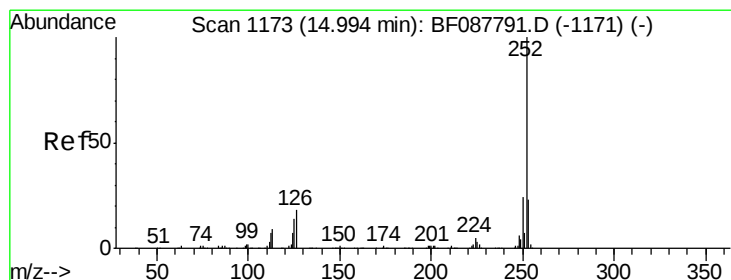
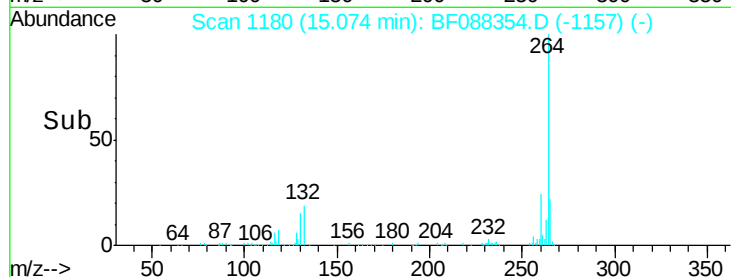
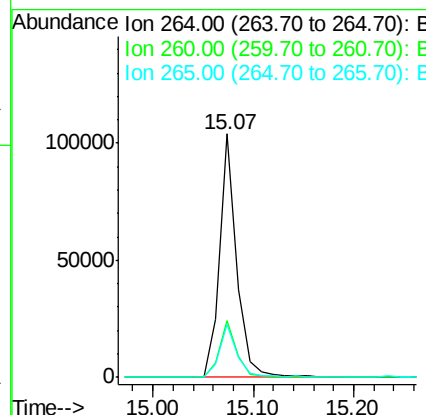
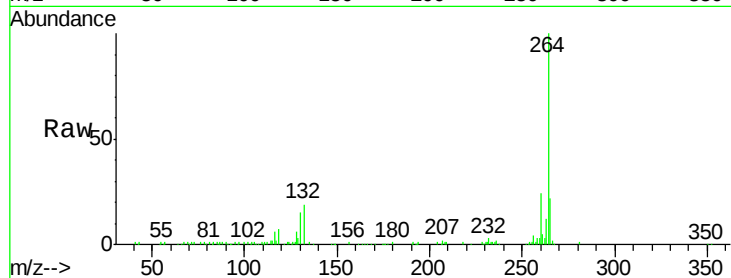
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088354.D
Acq: 25 Jun 2016 2:09

Instrument :
BNA_F
ClientSampled :
CF-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.9	25.3

Manual Integrations
APPROVED

sohil
6/27/2016 8:12:30 PM



#87
Benzo(b)fluoranthene
Concen: 2.63 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF088354.D
Acq: 25 Jun 2016 2:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	17.7	7.1	10.7#

