

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090525.D
 Acq On : 12 Oct 2016 2:19
 Operator : UM/SJ
 Sample : H5140-02DL 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6DL

Manual Integrations
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Quant Time: Oct 12 05:48:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	231522	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	934690	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	503901	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	852810	20.00	ng	0.01
75) Chrysene-d12	14.13	240	698517	20.00	ng	0.00
86) Perylene-d12	15.61	264	477285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	82044	5.51	ng	0.00
7) Phenol-d6	6.58	99	106779	5.69	ng	-0.01
23) Nitrobenzene-d5	7.51	82	95105	5.52	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	21929	4.39	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	131798	4.40	ng	0.00
78) Terphenyl-d14	13.07	244	125492	4.39	ng	-0.01
Target Compounds						
31) Naphthalene	8.27	128	819041	17.59	ng	Qvalue 99
37) 2-Methylnaphthalene	8.97	142	1203779m	38.51	ng	
45) 1,1'-Biphenyl	9.42	154	194682	5.06	ng	93
57) Fluorene	10.54	166	112695	3.35	ng	# 77
70) Phenanthrene	11.51	178	362100	7.70	ng	96

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

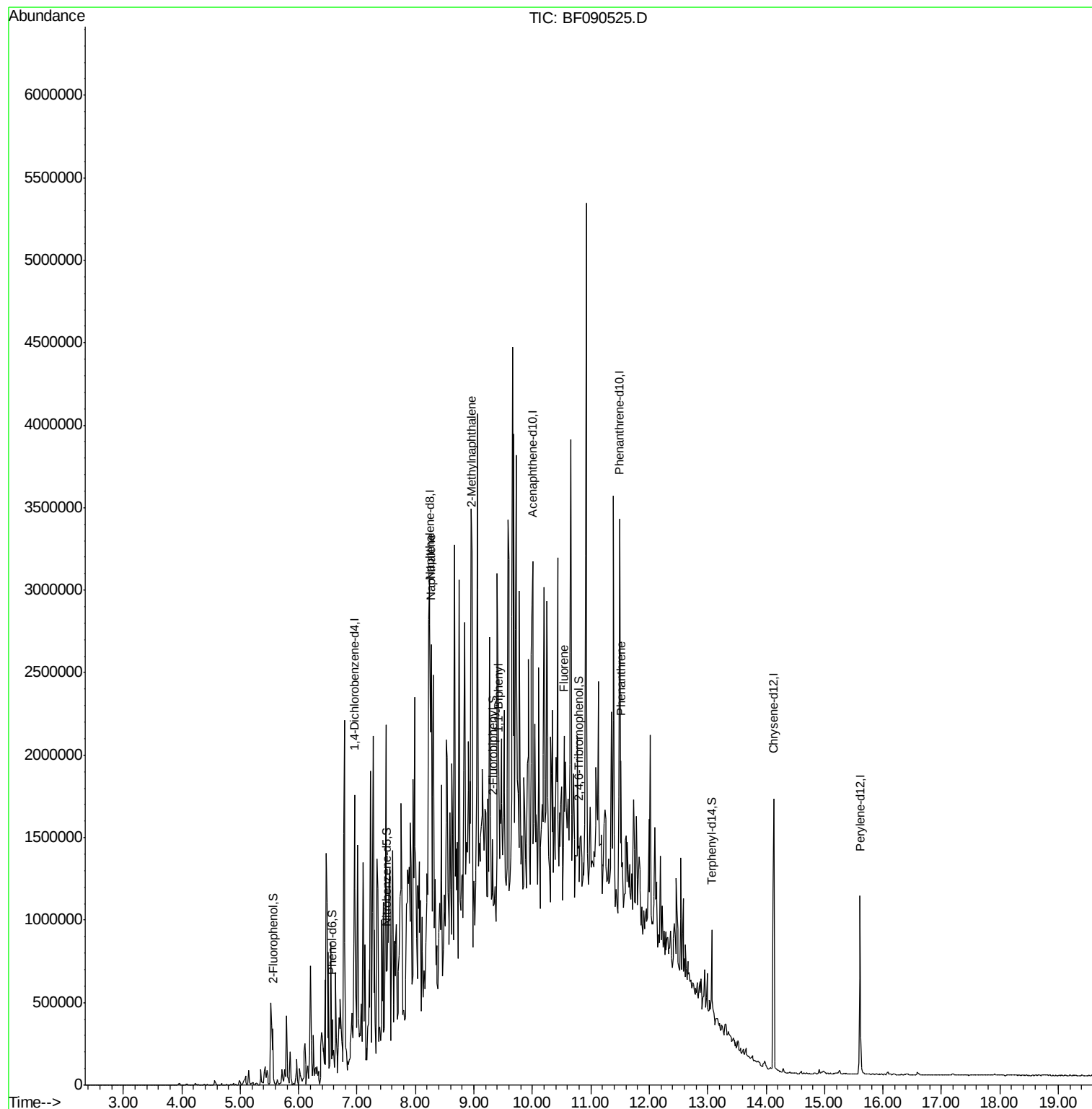
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090525.D
Acq On : 12 Oct 2016 2:19
Operator : UM/SJ
Sample : H5140-02DL 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

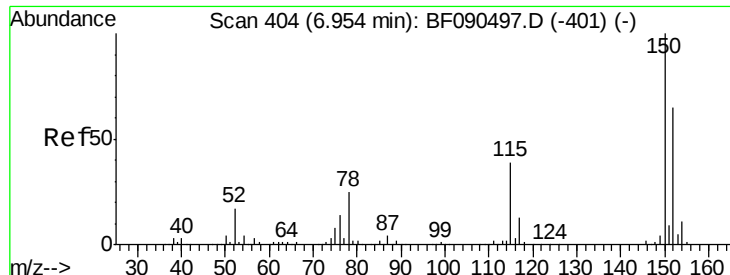
Instrument :
BNA_F
ClientSampleId :
T-6DL

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Quant Time: Oct 12 05:48:46 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

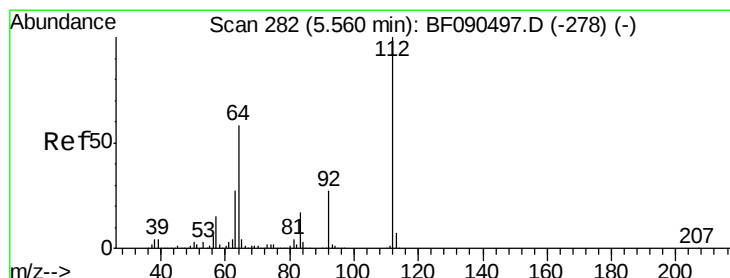
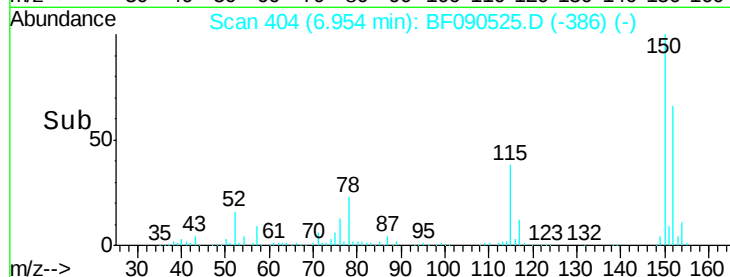
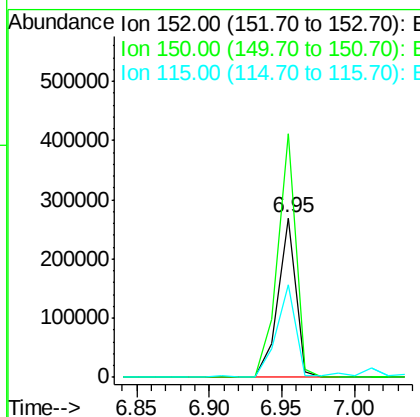
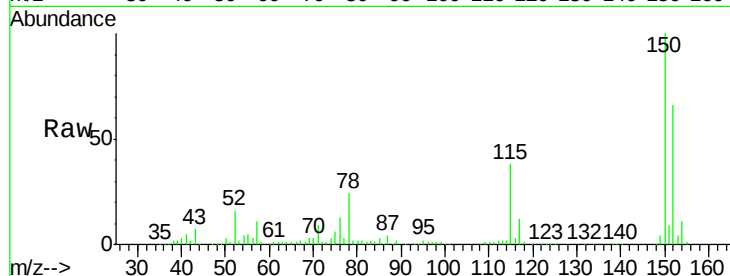
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090525.D
Acq: 12 Oct 2016 2:19

Instrument :
BNA_F
ClientSampleId :
T-6DL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	231522		
150	152.5	124.6	186.8	
115	58.3	46.2	69.4	

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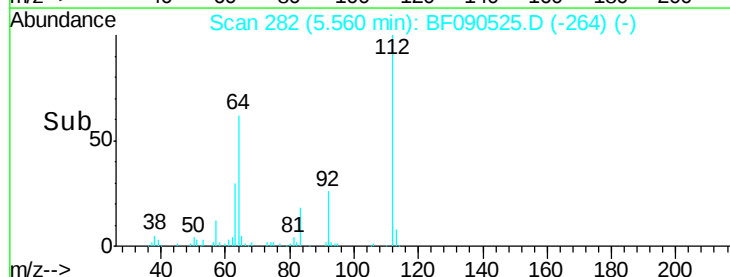
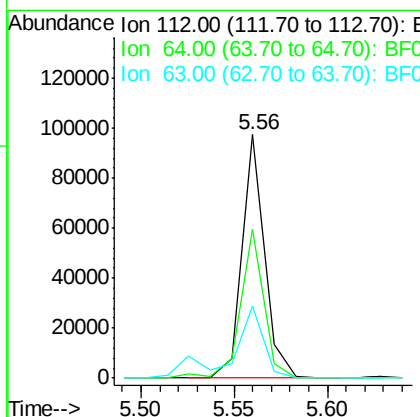
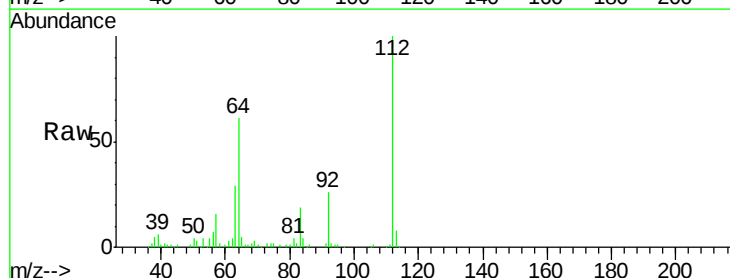
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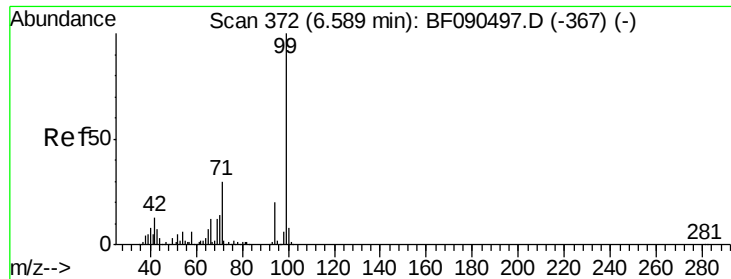


#5

2-Fluorophenol
Concen: 5.51 ng
RT: 5.56 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF090525.D
Acq: 12 Oct 2016 2:19

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	82044		
64	61.3	57.9	86.9	
63	29.4	29.6	44.4	





#7

Phenol-d6

Concen: 5.69 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090525.D

Acq: 12 Oct 2016 2:19

Instrument :

BNA_F

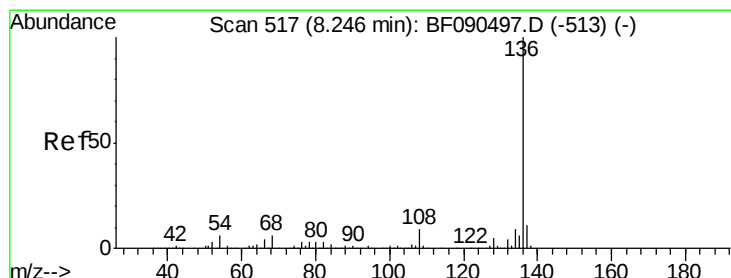
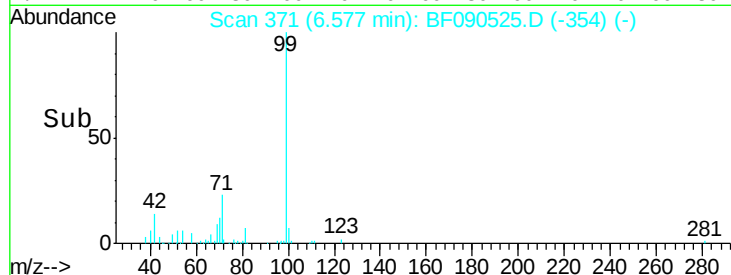
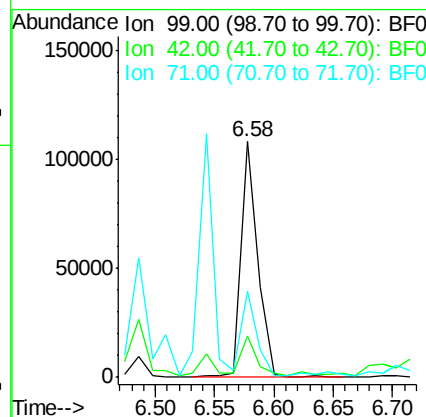
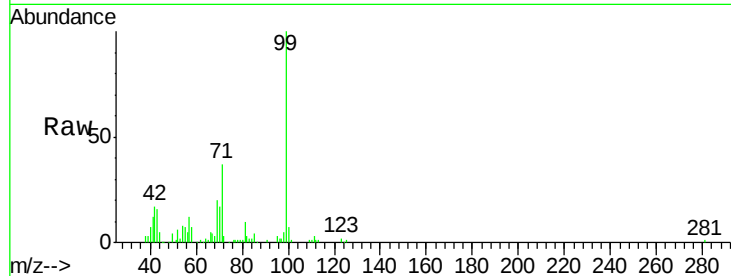
ClientSampled :

T-6DL

Tot Ion:	99	Resp:	106779
Ion Ratio	Lower	Upper	
99	100		
42	17.3	20.0	30.0#
71	36.8	27.9	41.9

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#21

Naphthalene-d8

Concen: 20.00 ng

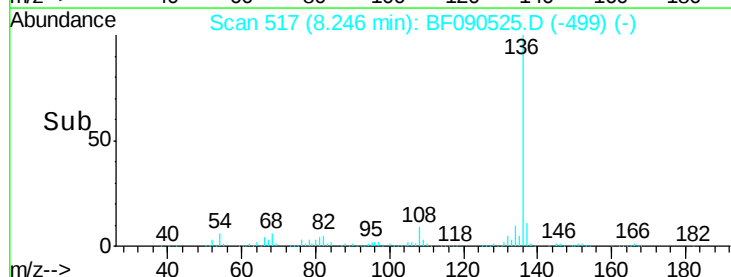
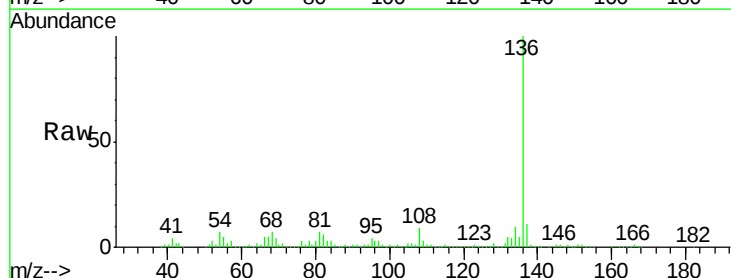
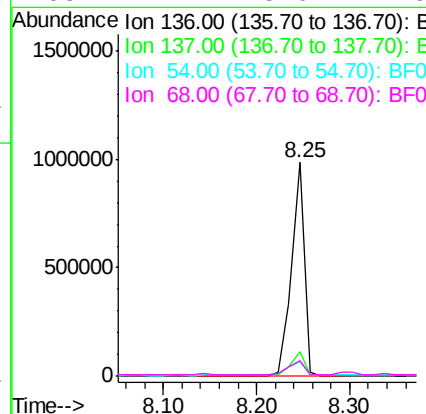
RT: 8.25 min Scan# 517

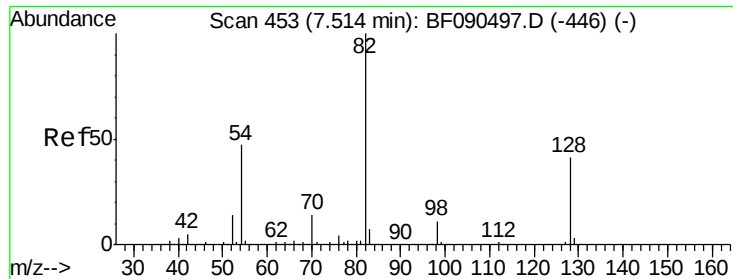
Delta R.T. 0.00 min

Lab File: BF090525.D

Acq: 12 Oct 2016 2:19

Tgt Ion:	136	Resp:	934690
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	6.7	6.6	10.0
68	7.1	5.0	7.6





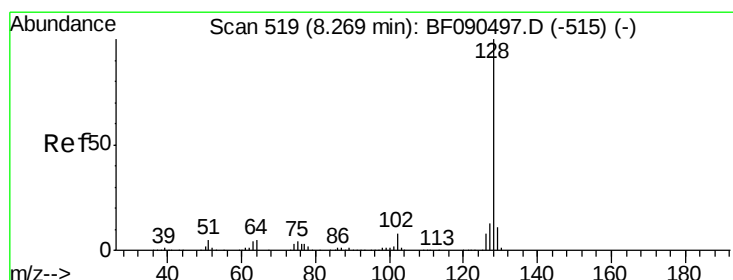
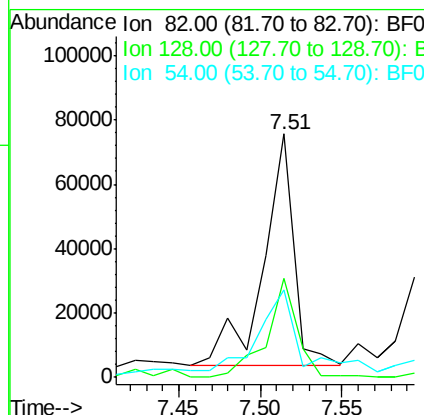
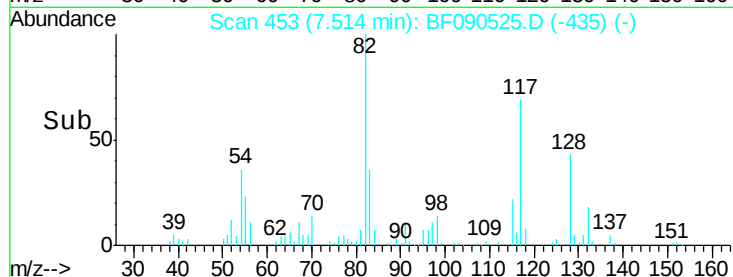
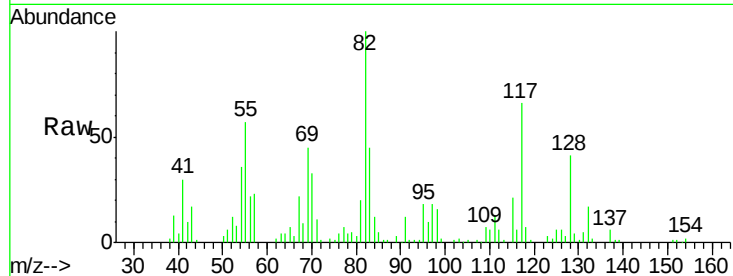
#23
Nitrobenzene-d5
Concen: 5.52 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090525.D
Acq: 12 Oct 2016 2:19

Instrument :
BNA_F
ClientSampled :
T-6DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	40.0	60.0
54	35.8	42.6	64.0#

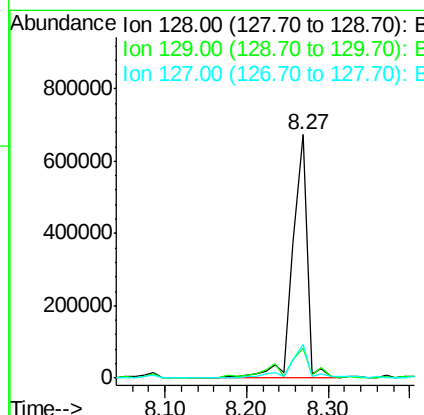
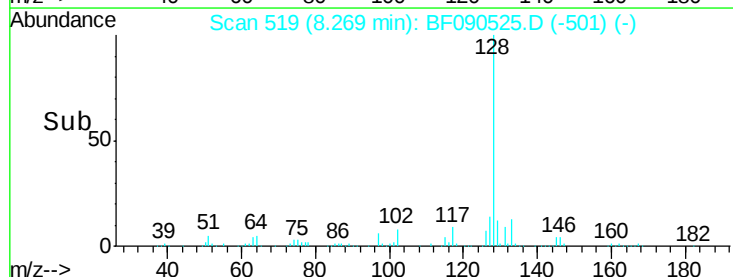
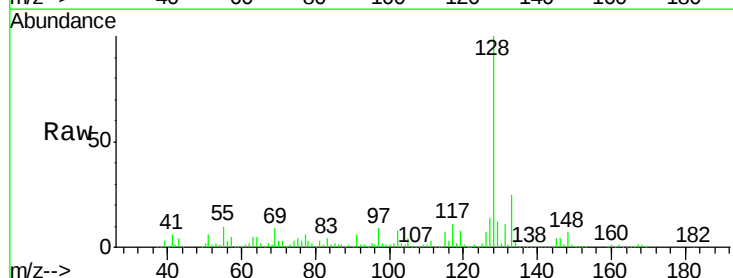
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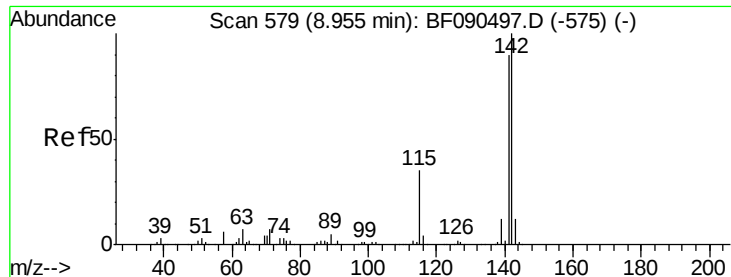
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#31
Naphthalene
Concen: 17.59 ng
RT: 8.27 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF090525.D
Acq: 12 Oct 2016 2:19

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.7	14.5
127	13.8	11.7	17.5





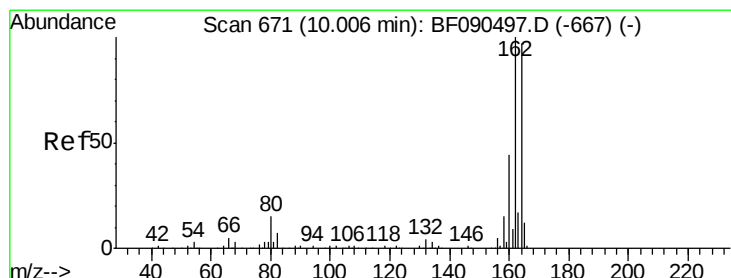
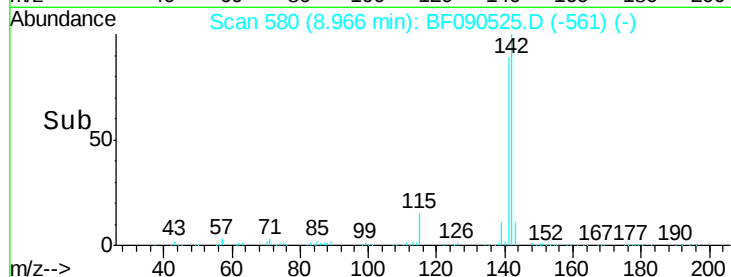
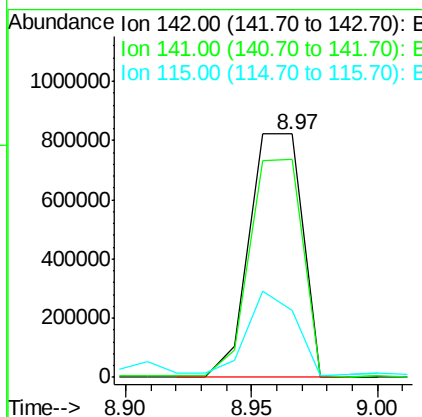
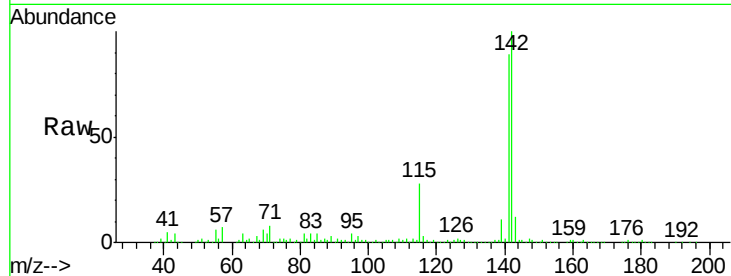
#37
2-Methylnaphthalene
Concen: 38.51 ng
RT: 8.97 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF090525.D
Acq: 12 Oct 2016 2:19

Instrument :
BNA_F
ClientSampleId :
T-6DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.8	107.8
115	27.7	28.8	43.2

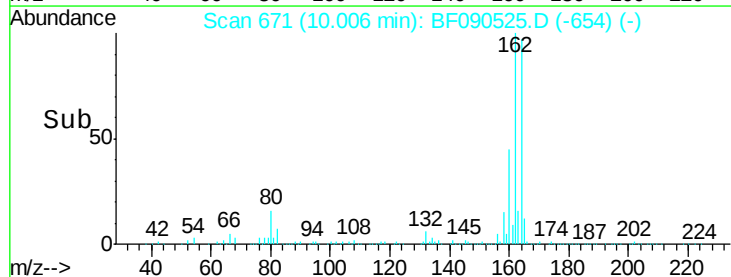
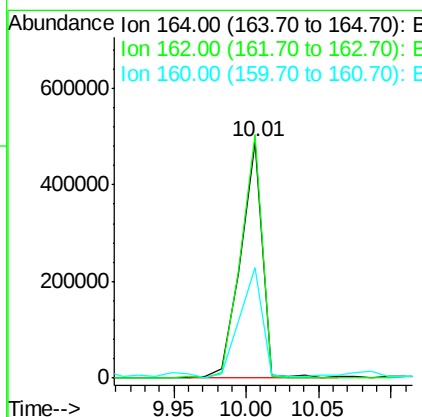
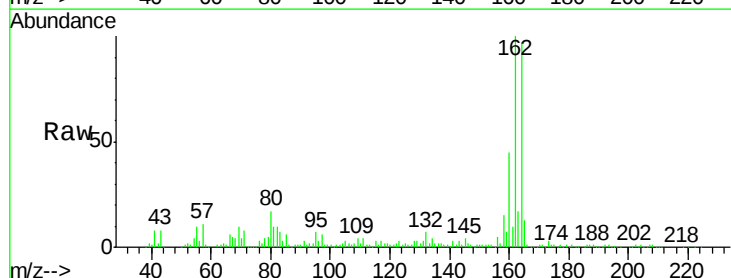
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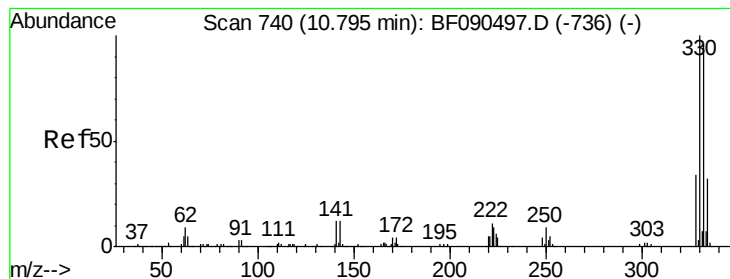
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF090525.D
Acq: 12 Oct 2016 2:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.1	120.1
160	46.9	36.3	54.5





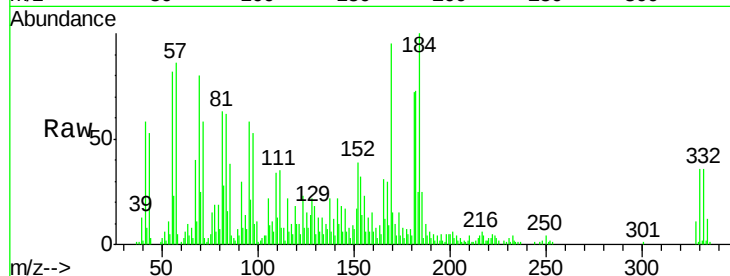
#41
 2,4,6-Tribromophenol
 Concen: 4.39 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090525.D
 Acq: 12 Oct 2016 2:19

Instrument :
 BNA_F
 ClientSampleId :
 T-6DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.4	113.0
141	70.8	26.9	40.3

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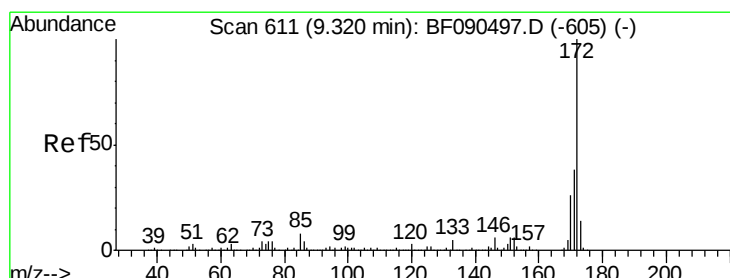
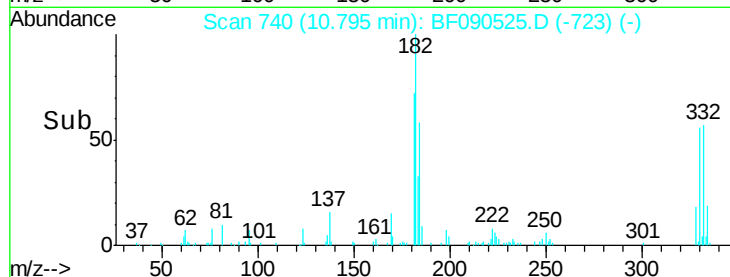
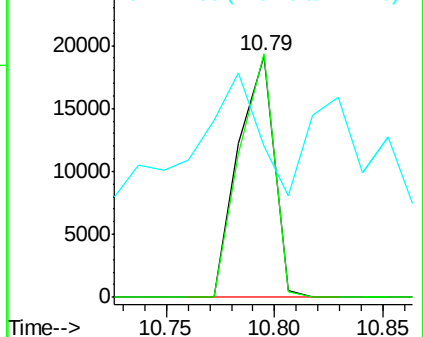


Abundance

Ion 329.80 (329.50 to 330.50): E

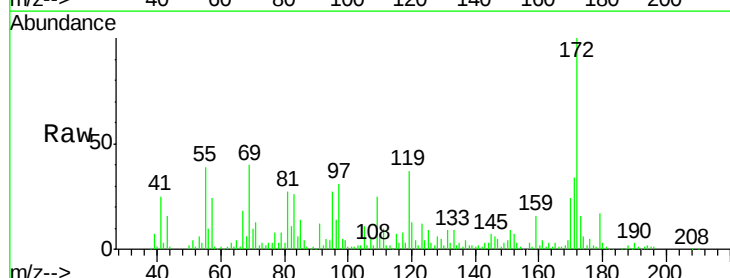
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 4.40 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090525.D
 Acq: 12 Oct 2016 2:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	31.8	47.8
170	23.7	21.7	32.5

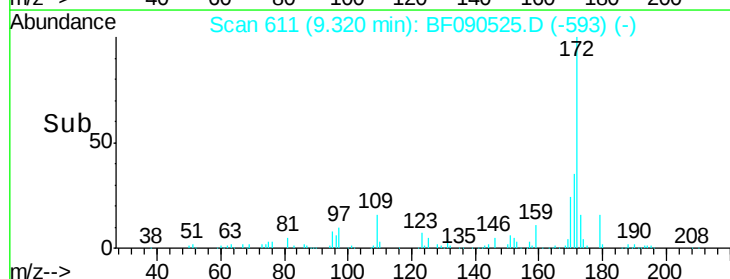
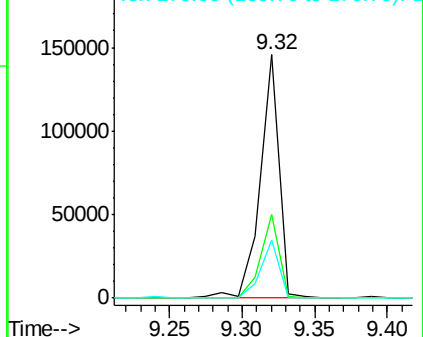


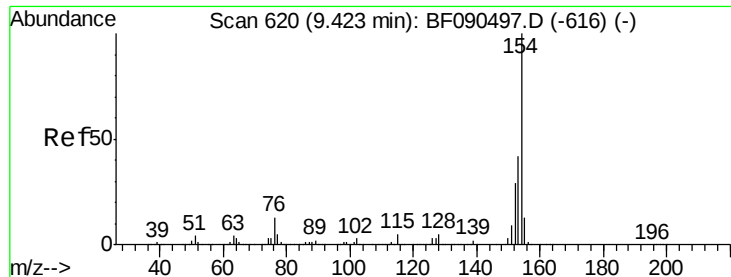
Abundance

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





#45

1,1'-Biphenyl

Concen: 5.06 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090525.D

Acq: 12 Oct 2016 2:19

Instrument :

BNA_F

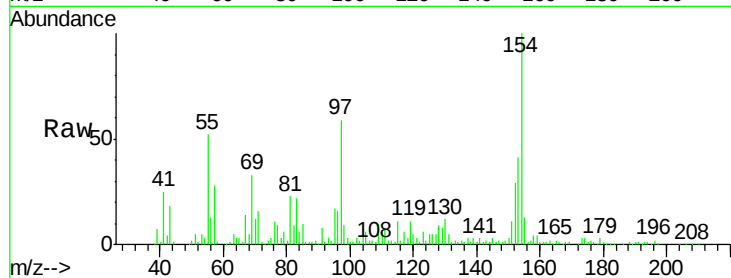
ClientSampled :

T-6DL

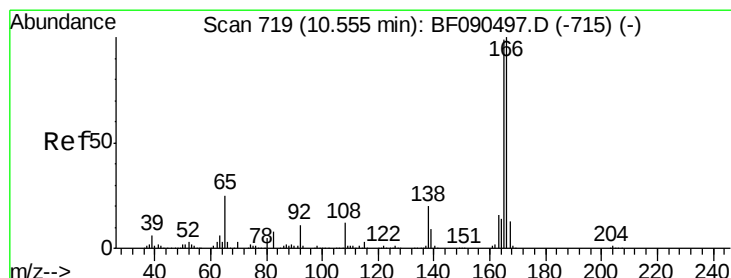
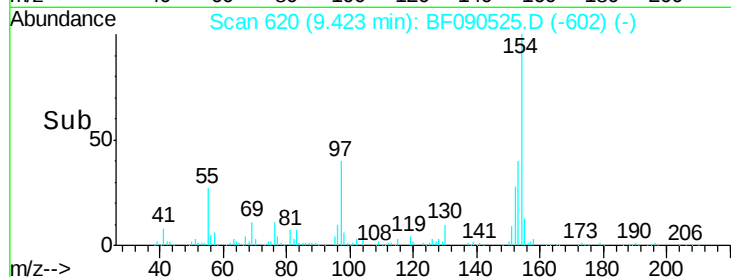
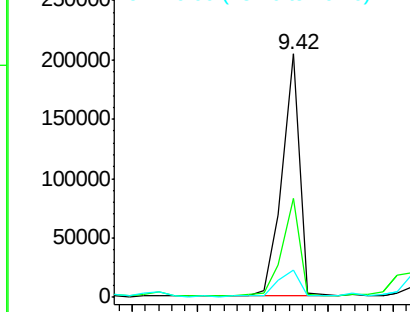
Tot Ion:	154	Resp:	194682
Ion Ratio	Lower	Upper	
154	100		
153	40.5	23.8	63.8
76	11.1	0.0	35.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#57

Fluorene

Concen: 3.35 ng

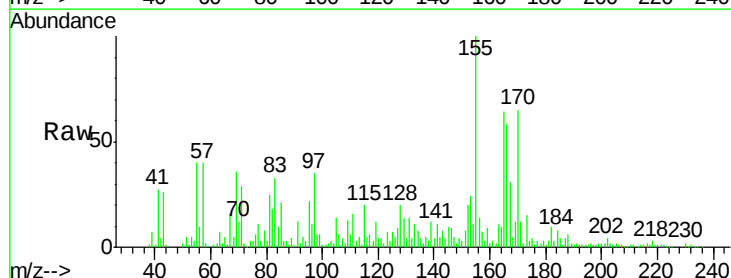
RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

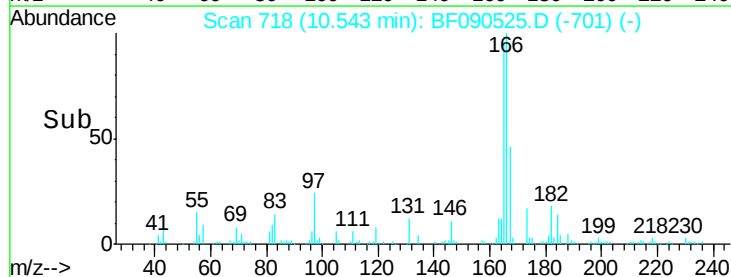
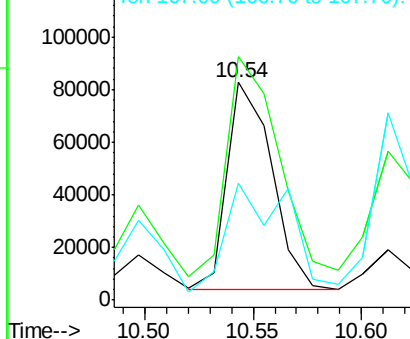
Lab File: BF090525.D

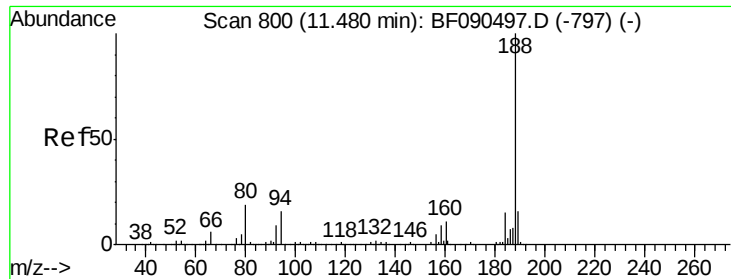
Acq: 12 Oct 2016 2:19

Tgt Ion:	166	Resp:	112695
Ion Ratio	Lower	Upper	
166	100		
165	111.7	79.2	118.8
167	53.8	11.1	16.7#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





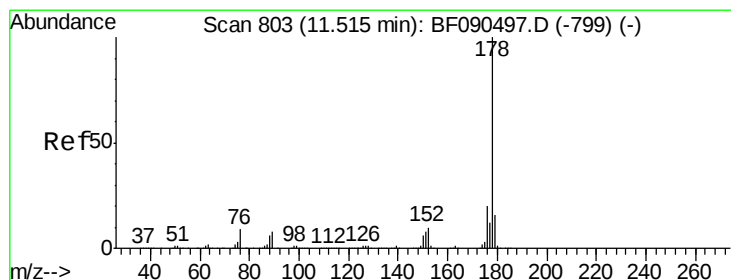
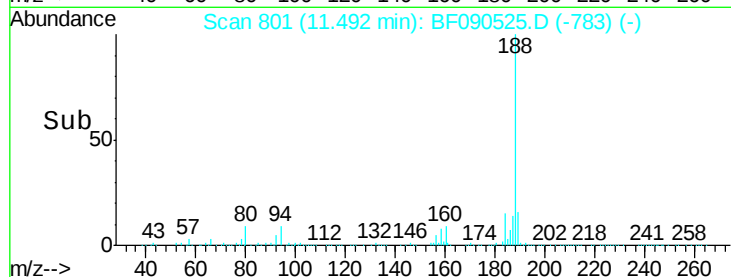
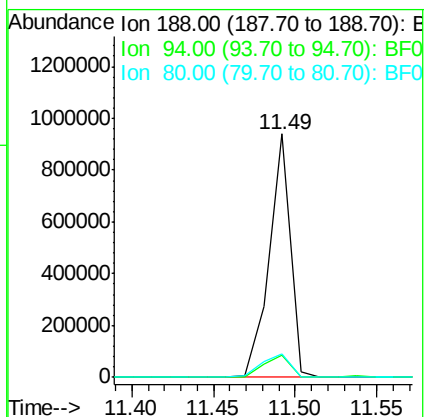
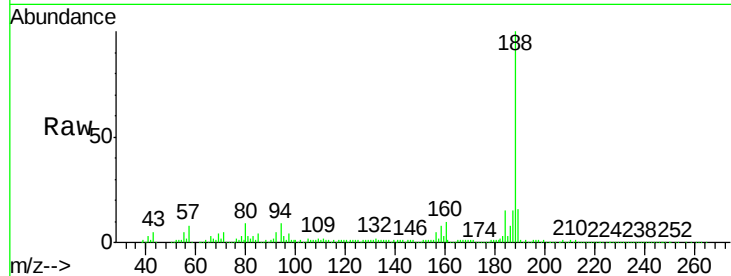
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090525.D
Acq: 12 Oct 2016 2:19

Instrument :
BNA_F
ClientSampleId :
T-6DL

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	8.2	12.2
80	9.5	8.8	13.2

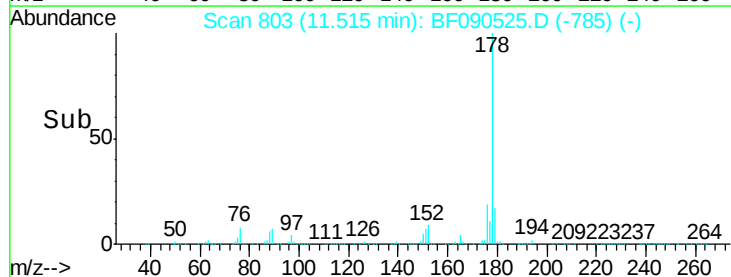
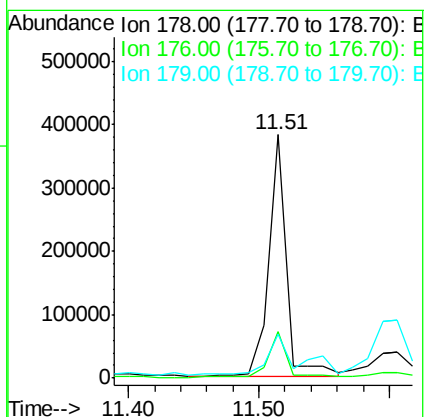
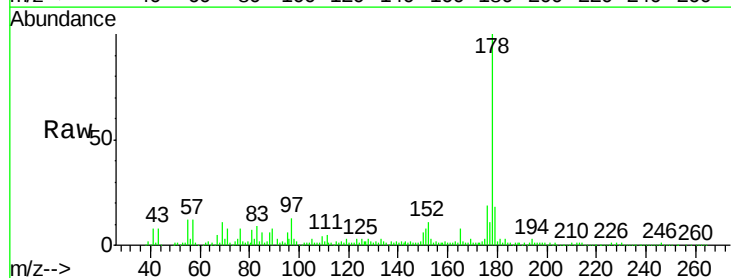
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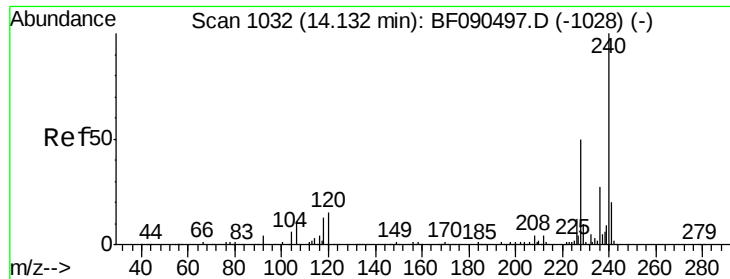
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#70
Phenanthrene
Concen: 7.70 ng
RT: 11.51 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF090525.D
Acq: 12 Oct 2016 2:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	17.3	25.9
179	18.1	13.8	20.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090525.D

Acq: 12 Oct 2016 2:19

Instrument :

BNA_F

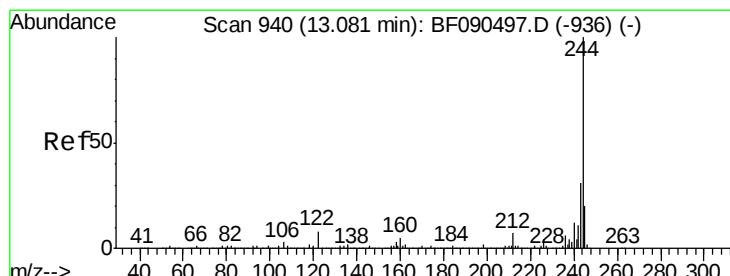
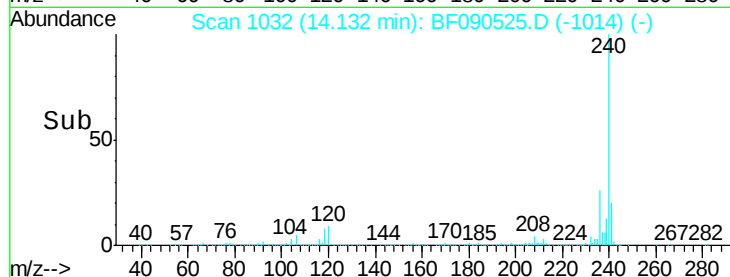
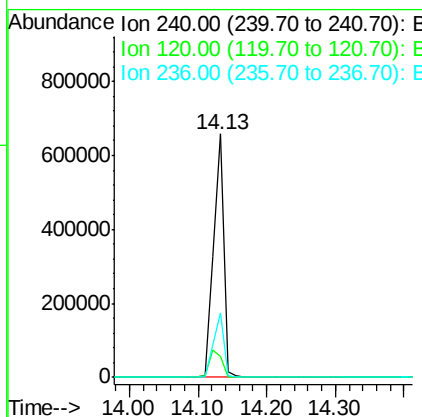
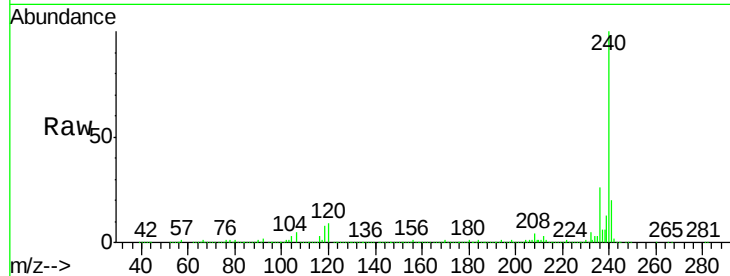
ClientSampled :

T-6DL

Tot Ion:	240	Resp:	698517
Ion Ratio		Lower	Upper
240	100		
120	8.8	8.6	13.0
236	26.3	21.6	32.4

Manual Integrations
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#78

Terphenyl-d14

Concen: 4.39 ng

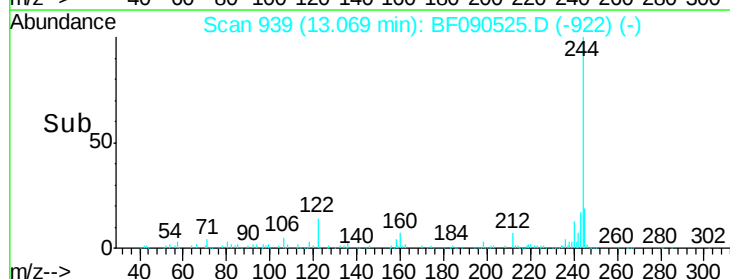
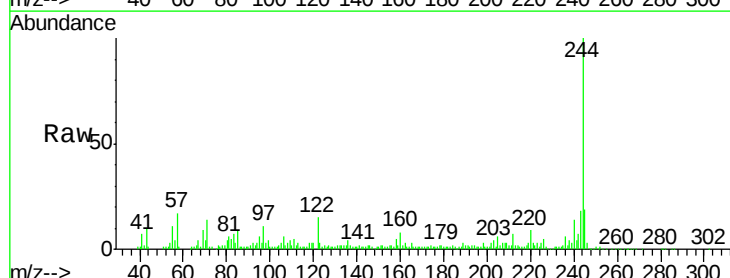
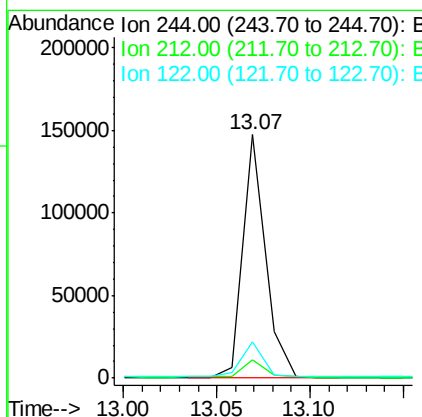
RT: 13.07 min Scan# 939

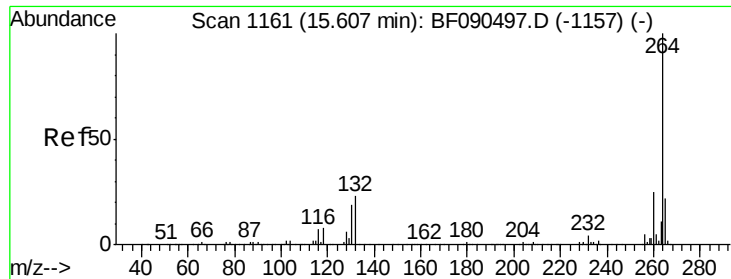
Delta R.T. -0.01 min

Lab File: BF090525.D

Acq: 12 Oct 2016 2:19

Tgt Ion:	244	Resp:	125492
Ion Ratio		Lower	Upper
244	100		
212	7.4	6.8	10.2
122	14.6	13.3	19.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090525.D
Acq: 12 Oct 2016 2:19

Instrument :
BNA_F
ClientSampleId :
T-6DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.2	17.4	26.0

Manual Integrations
APPROVED

sohil
10/12/2016 4:09:08 PM

