

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090519.D
 Acq On : 11 Oct 2016 23:08
 Operator : UM/SJ
 Sample : H5146-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0613

Manual Integrations
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Quant Time: Oct 12 11:50:08 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	225303	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	881872	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	603921	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	690140	20.00	ng	0.02
75) Chrysene-d12	14.13	240	464630	20.00	ng	0.00
86) Perylene-d12	15.62	264	419310	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	943907	65.18	ng	0.01
7) Phenol-d6	6.62	99	795923	43.55	ng	0.03
23) Nitrobenzene-d5	7.53	82	1505875	92.62	ng	0.01
41) 2,4,6-Tribromophenol	10.82	330	628075	104.91	ng	0.02
44) 2-Fluorobiphenyl	9.33	172	2304532	64.13	ng	0.01
78) Terphenyl-d14	13.08	244	1686816	88.72	ng	0.00
Target Compounds						
31) Naphthalene	8.27	128	148413	3.38	ng	Qvalue # 84
59) Diethylphthalate	10.42	149	1216180m	29.44	ng	

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

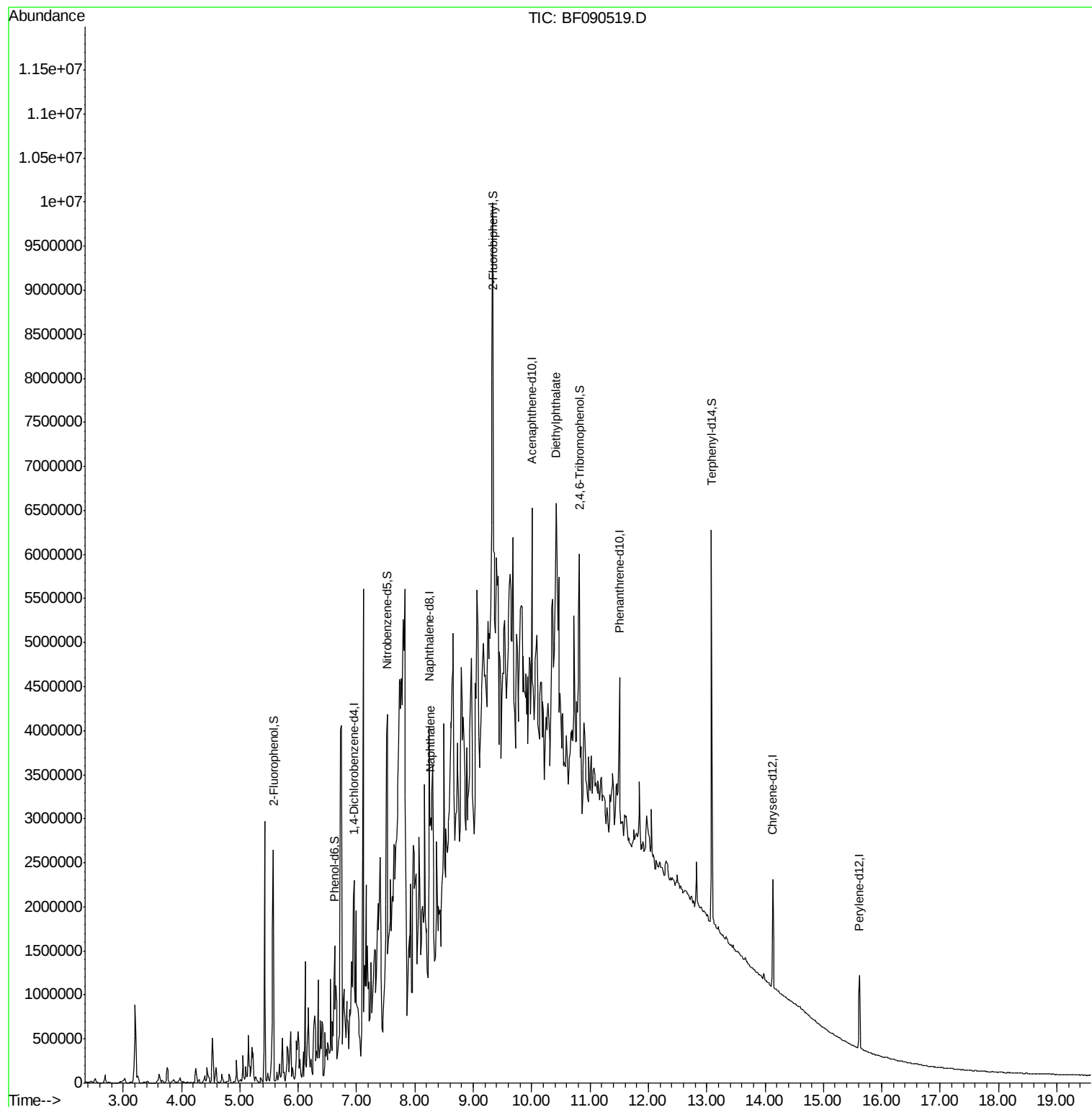
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090519.D
Acq On : 11 Oct 2016 23:08
Operator : UM/SJ
Sample : H5146-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

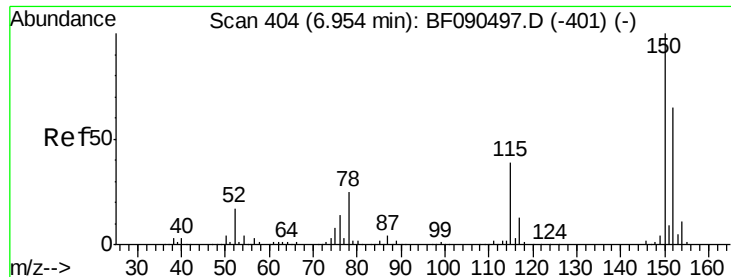
Instrument :
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S8-0613

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Quant Time: Oct 12 11:50:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
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Response via : Initial Calibration





#1

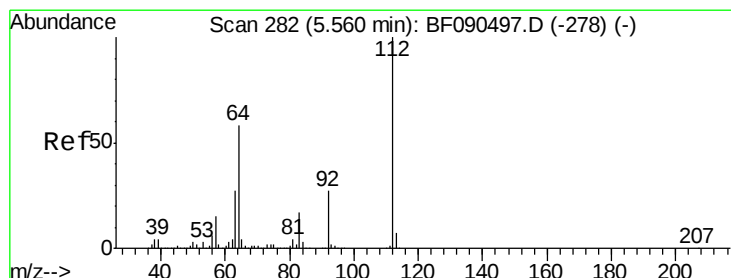
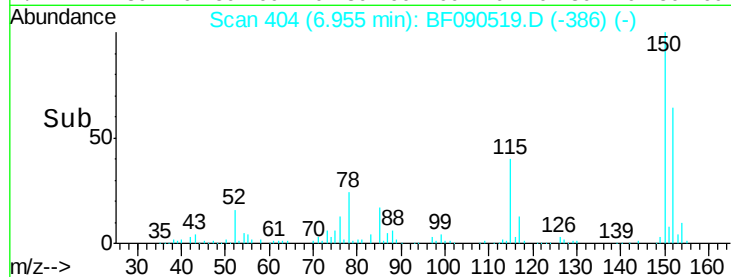
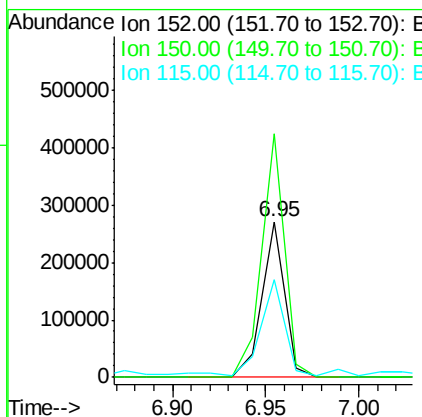
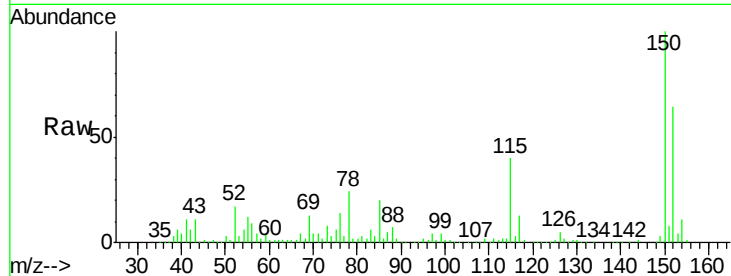
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090519.D
Acq: 11 Oct 2016 23:08

Instrument :
BNA_F
ClientSampleId :
S8-0613

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.9	46.2	69.4

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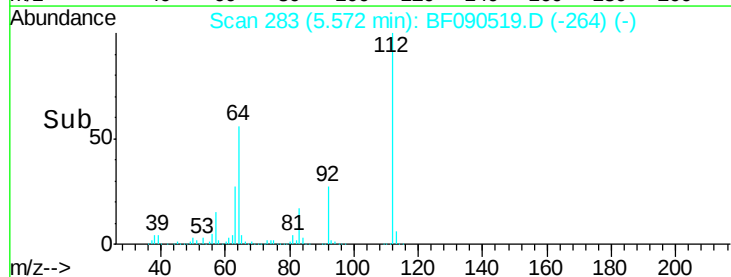
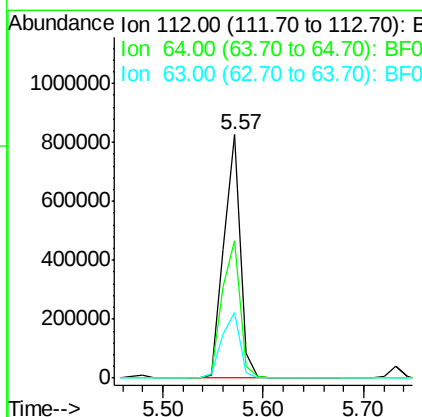
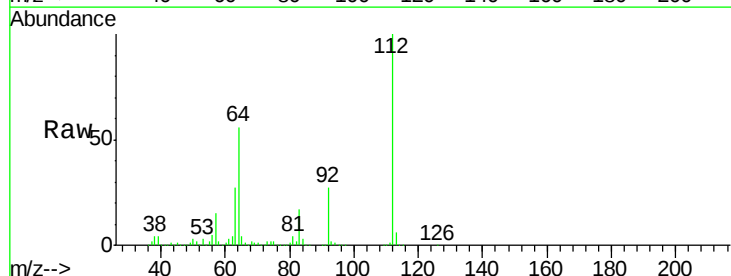
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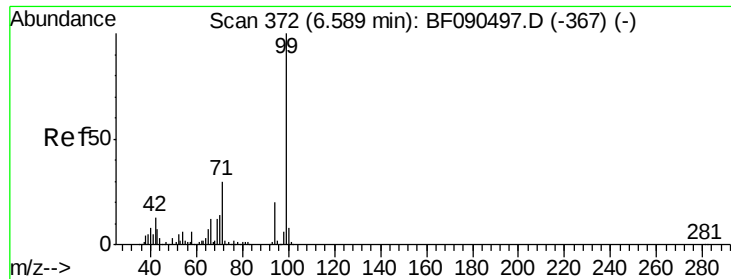


#5

2-Fluorophenol
Concen: 65.18 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF090519.D
Acq: 11 Oct 2016 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	57.9	86.9#
63	26.9	29.6	44.4#





#7

Phenol-d6

Concen: 43.55 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.03 min

Lab File: BF090519.D

Acq: 11 Oct 2016 23:08

Instrument :

BNA_F

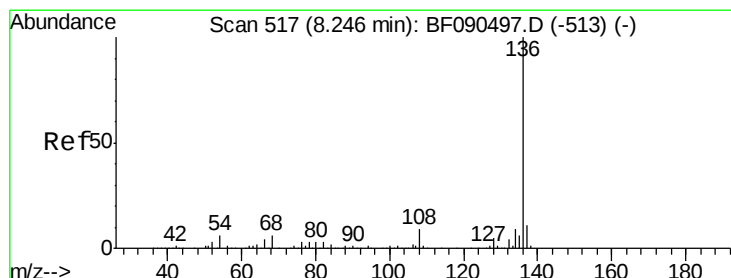
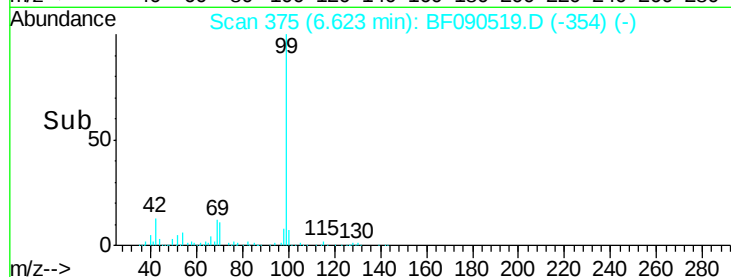
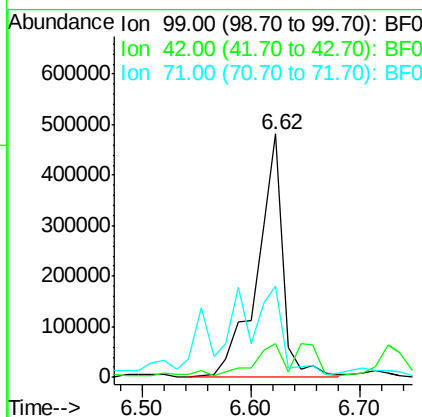
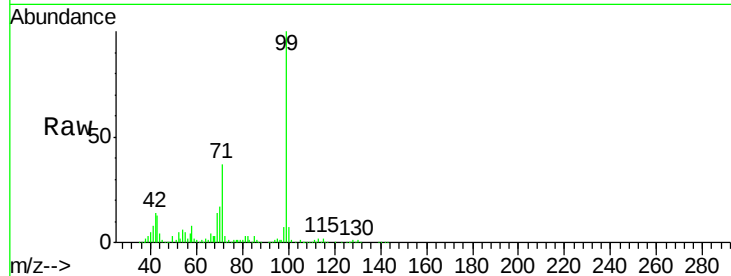
ClientSampleId :

S8-0613

Tot Ion	99	Resp	795923
Ion	Ratio	Lower	Upper
99	100		
42	13.7	20.0	30.0#
71	37.3	27.9	41.9

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.00 ng

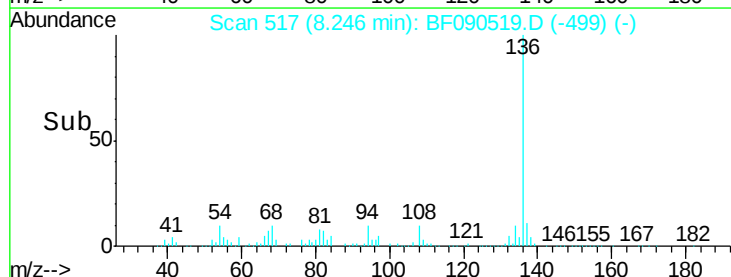
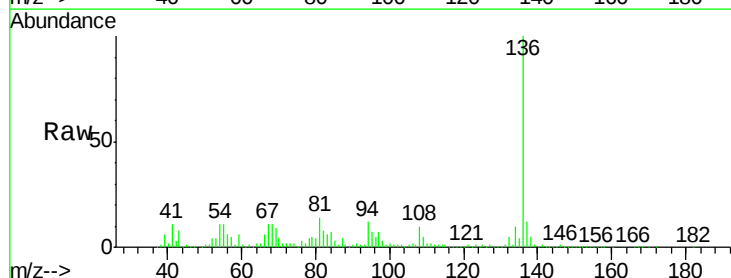
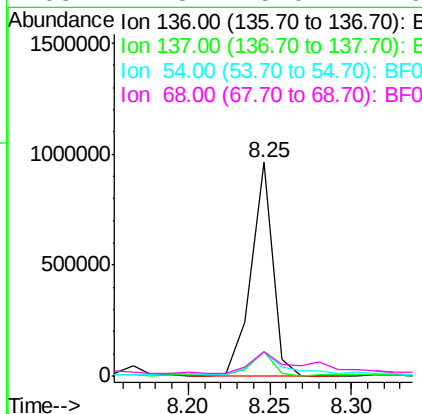
RT: 8.25 min Scan# 517

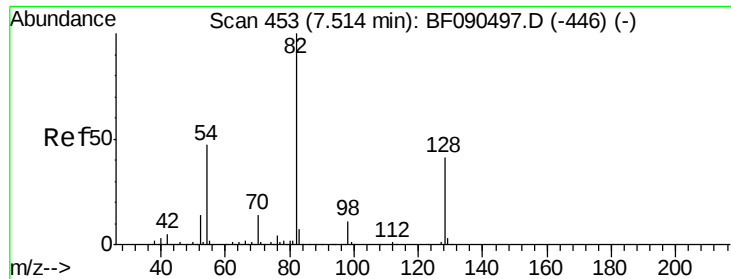
Delta R.T. 0.00 min

Lab File: BF090519.D

Acq: 11 Oct 2016 23:08

Tgt Ion	136	Resp	881872
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.2	6.6	10.0#
68	11.3	5.0	7.6#





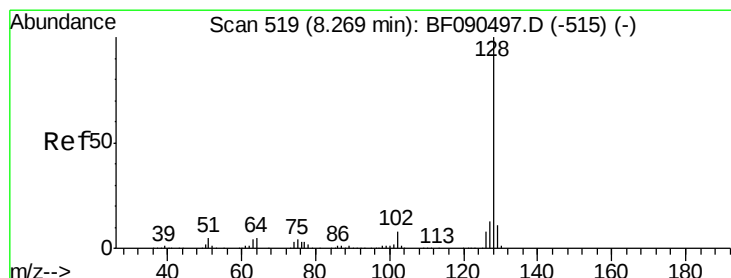
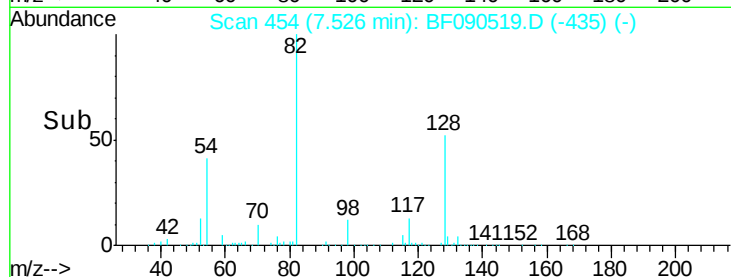
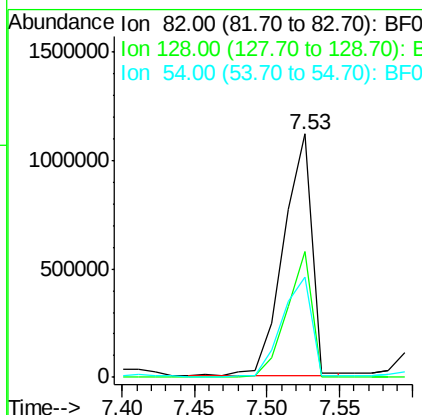
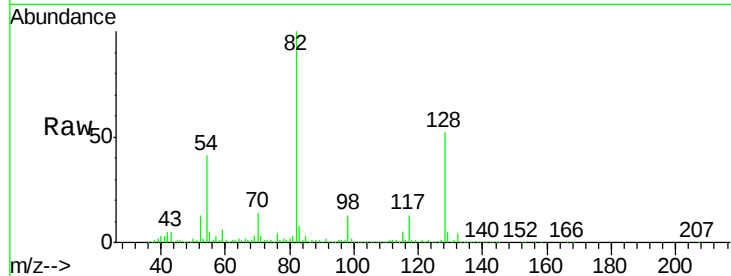
#23
 Nitrobenzene-d5
 Concen: 92.62 ng
 RT: 7.53 min Scan# 454
 Delta R.T. 0.01 min
 Lab File: BF090519.D
 Acq: 11 Oct 2016 23:08

Instrument :
 BNA_F
 ClientSampled :
 S8-0613

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.0	60.0
54	41.1	42.6	64.0#

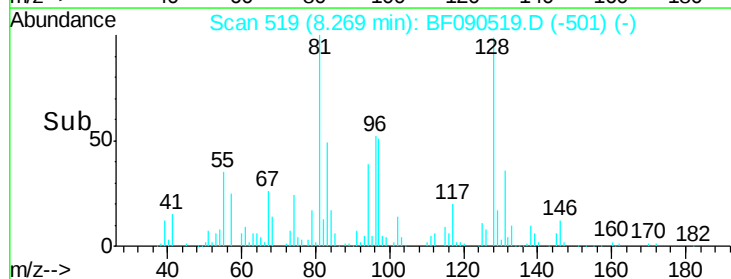
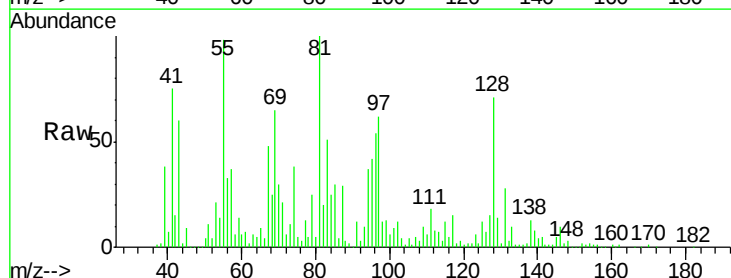
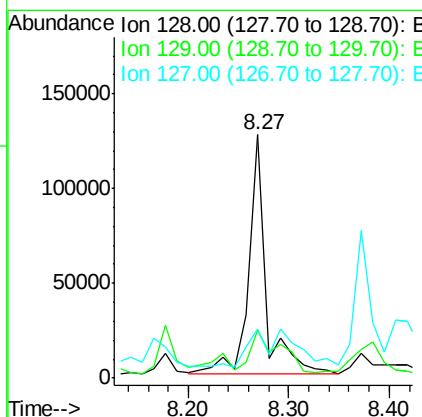
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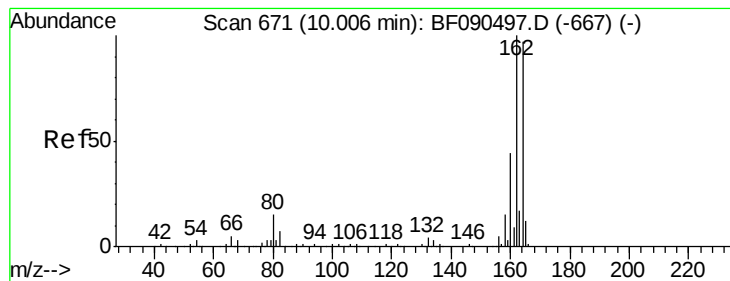
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#31
 Naphthalene
 Concen: 3.38 ng
 RT: 8.27 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF090519.D
 Acq: 11 Oct 2016 23:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	19.4	9.7	14.5#
127	20.4	11.7	17.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF090519.D

Acq: 11 Oct 2016 23:08

Instrument :

BNA_F

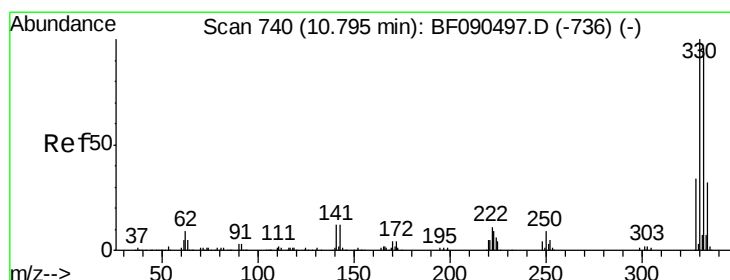
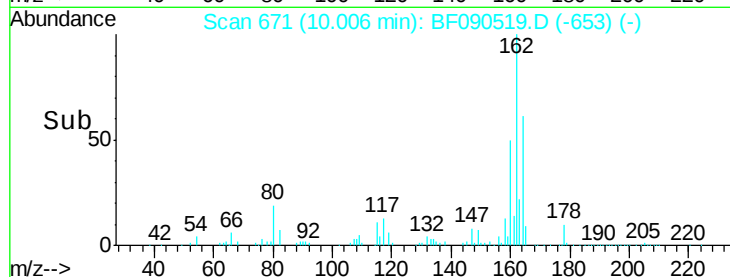
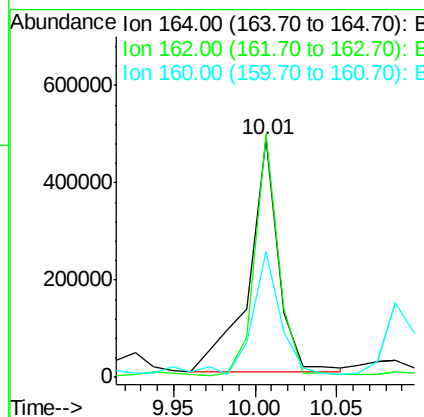
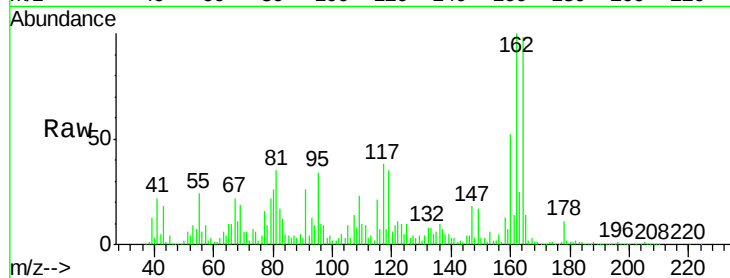
ClientSampled :

S8-0613

Tot Ion:	164	Resp:	603921
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.1	120.1
160	53.0	36.3	54.5

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 104.91 ng

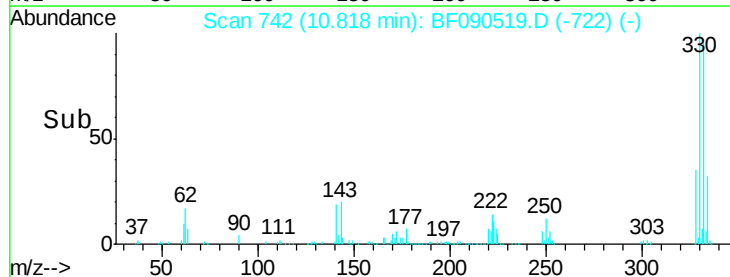
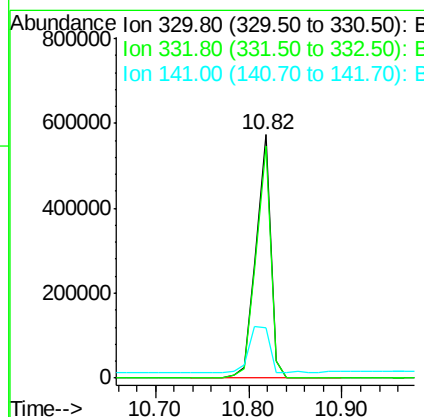
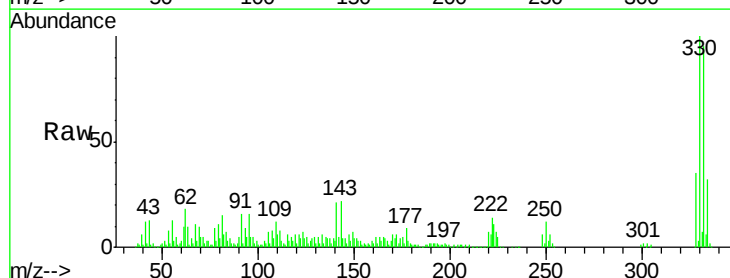
RT: 10.82 min Scan# 742

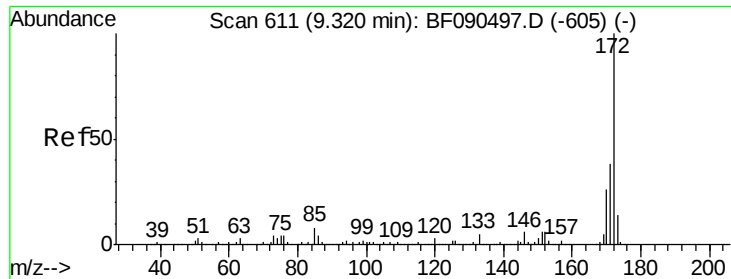
Delta R.T. 0.02 min

Lab File: BF090519.D

Acq: 11 Oct 2016 23:08

Tgt Ion:	330	Resp:	628075
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.4	113.0
141	26.7	26.9	40.3#





#44

2-Fluorobiphenyl

Concen: 64.13 ng

RT: 9.33 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF090519.D

Acq: 11 Oct 2016 23:08

Instrument :

BNA_F

ClientSampleId :

S8-0613

Tot Ion:172 Resp: 2304532

Ion Ratio Lower Upper

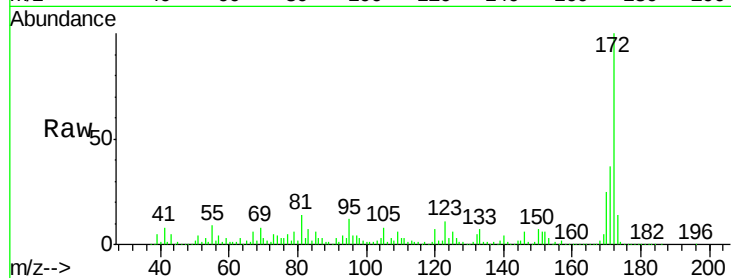
172 100

171 37.3 31.8 47.8

170 25.1 21.7 32.5

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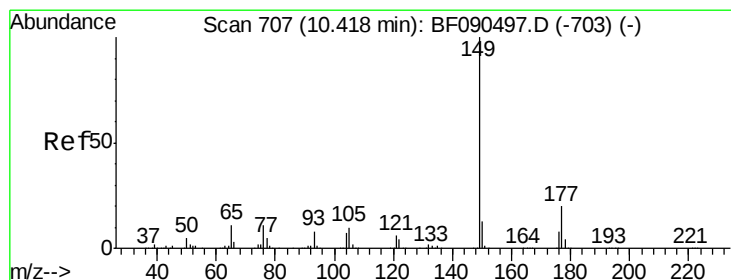
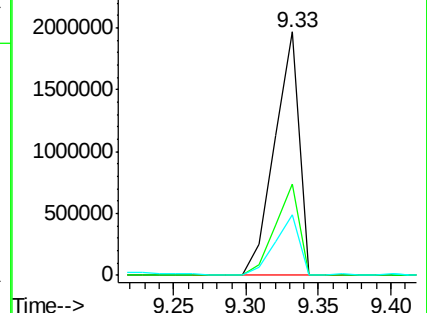
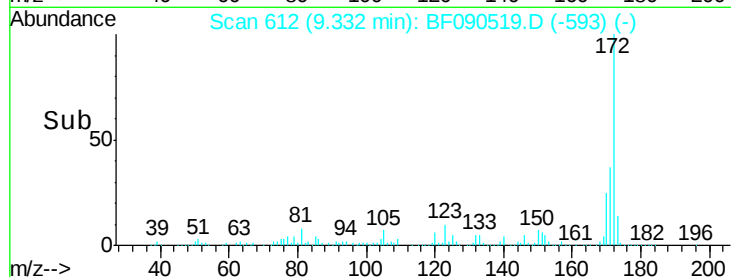
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#59

Diethylphthalate

Concen: 29.44 ng m

RT: 10.42 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090519.D

Acq: 11 Oct 2016 23:08

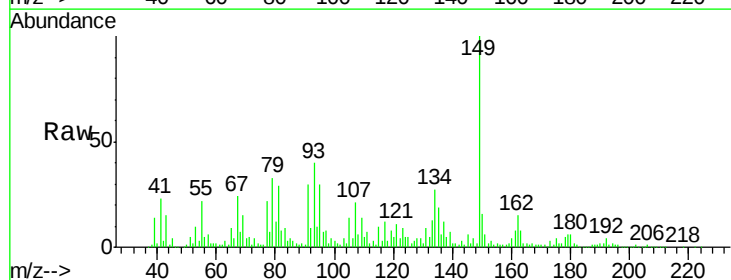
Tgt Ion:149 Resp: 1216180

Ion Ratio Lower Upper

149 100

177 2.0 21.1 31.7#

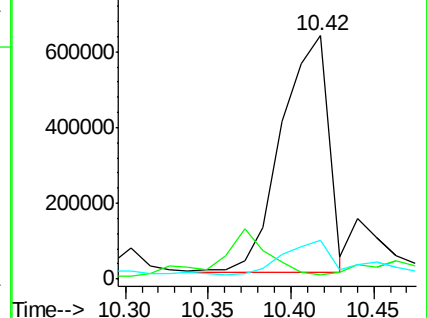
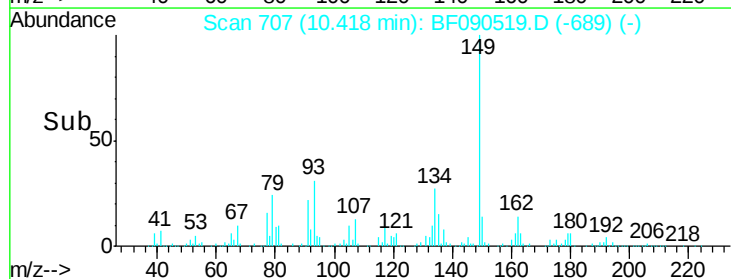
150 15.8 10.2 15.2#

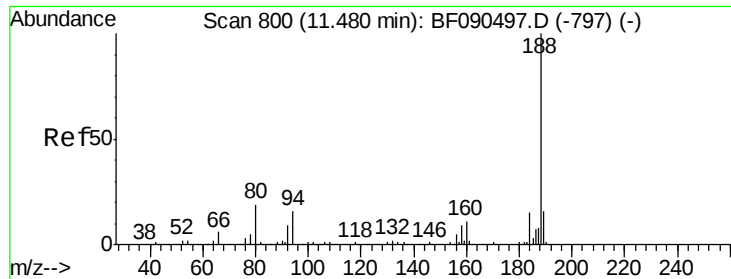


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





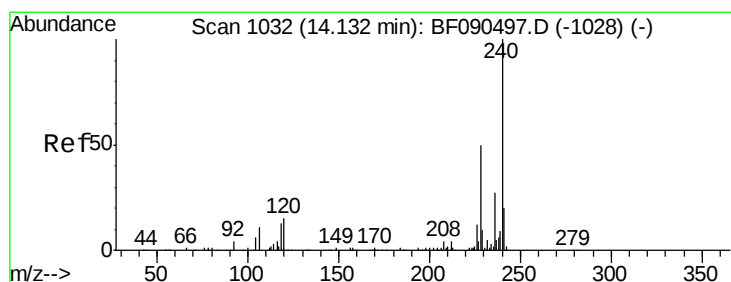
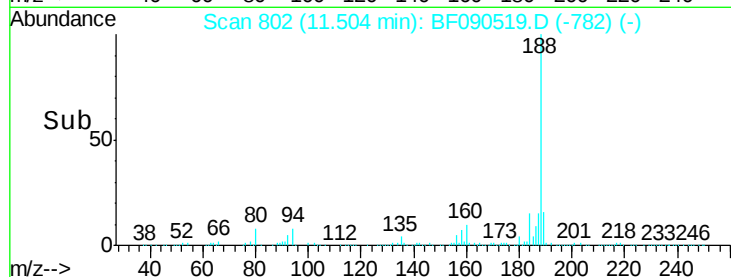
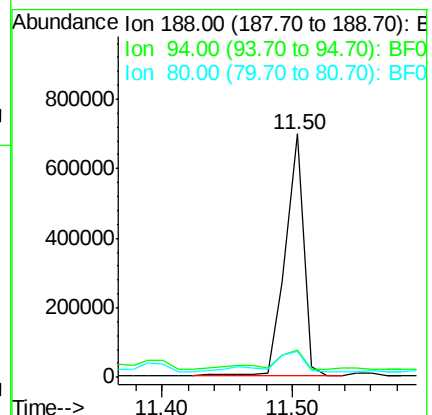
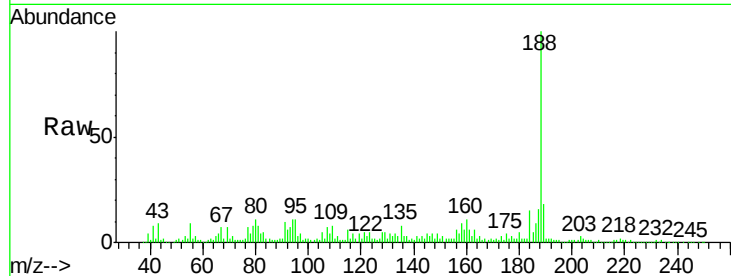
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 802
Delta R.T. 0.02 min
Lab File: BF090519.D
Acq: 11 Oct 2016 23:08

Instrument :
BNA_F
ClientSampleId :
S8-0613

Tot Ion	Ratio	Resp	Lower	Upper
188	100	690140		
94	11.1		8.2	12.2
80	10.7		8.8	13.2

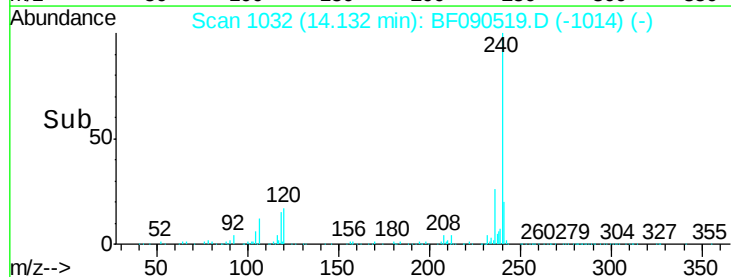
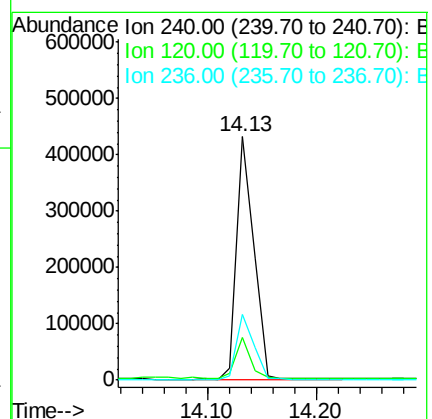
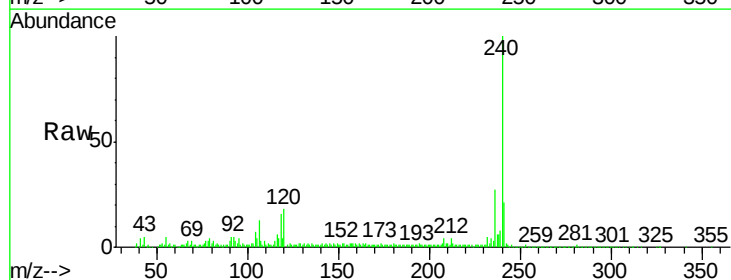
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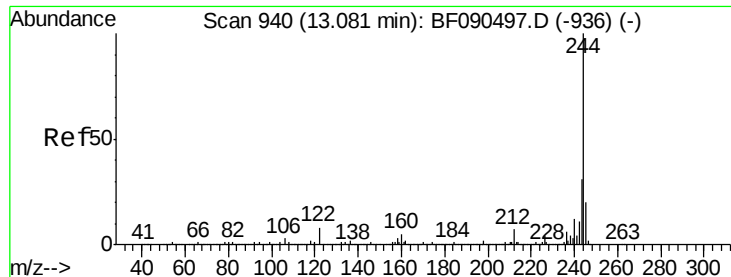
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090519.D
Acq: 11 Oct 2016 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	464630		
120	17.8		8.6	13.0#
236	26.8		21.6	32.4





#78

Terphenyl-d14

Concen: 88.72 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090519.D

Acq: 11 Oct 2016 23:08

Instrument :

BNA_F

ClientSampleId :

S8-0613

Tot Ion:244 Resp: 1686816

Ion Ratio Lower Upper

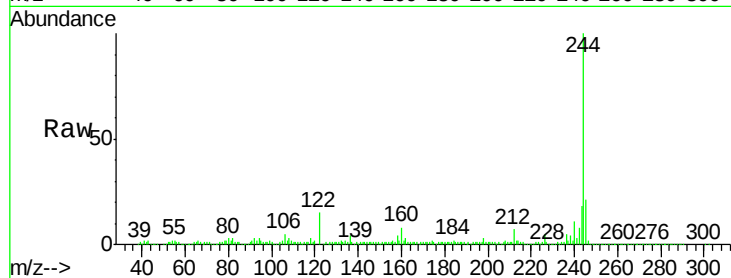
244 100

212 7.1 6.8 10.2

122 15.0 13.3 19.9

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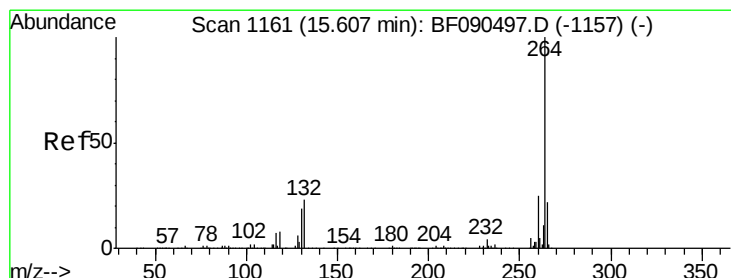
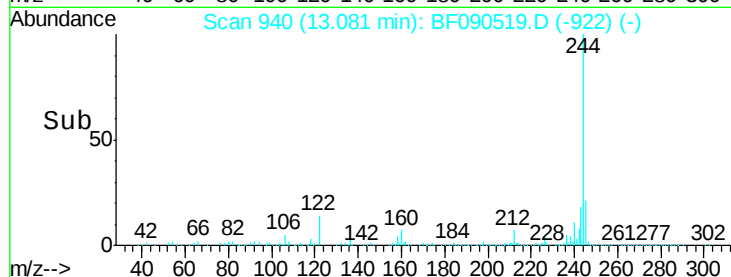
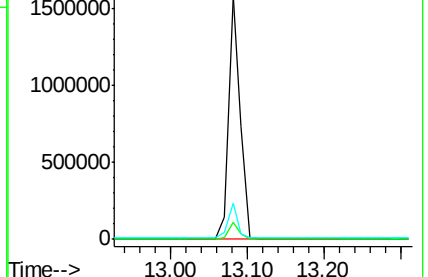
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.62 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF090519.D

Acq: 11 Oct 2016 23:08

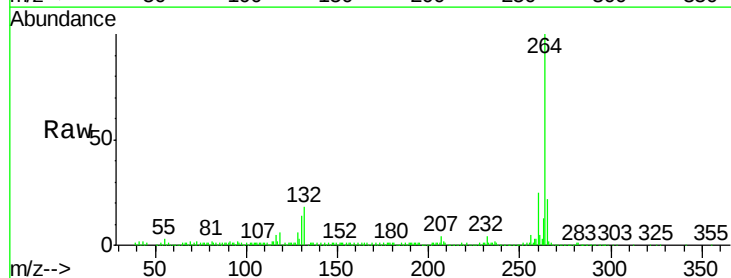
Tgt Ion:264 Resp: 419310

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.9 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

