

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090448.D
 Acq On : 7 Oct 2016 16:20
 Operator : UM/SJ
 Sample : H5129-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
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Quant Time: Oct 10 01:58:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 13:55:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	227435	20.00	ng	0.01
21) Naphthalene-d8	8.34	136	1015692	20.00	ng	0.06
38) Acenaphthene-d10	10.04	164	513033	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	708679	20.00	ng	0.01
75) Chrysene-d12	14.20	240	521290	20.00	ng	0.02
86) Perylene-d12	15.70	264	501277	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	137842m	9.05	ng	0.17
7) Phenol-d6	7.07	99	490392m	24.57	ng	0.46
23) Nitrobenzene-d5	7.64	82	1365448	65.39	ng	0.09
41) 2,4,6-Tribromophenol	10.85	330	336661	80.70	ng	0.02
44) 2-Fluorobiphenyl	9.38	172	2564066	83.27	ng	0.02
78) Terphenyl-d14	13.16	244	1886904	81.38	ng	0.03
Target Compounds						Qvalue
45) 1,1'-Biphenyl	9.47	154	100695	2.65	ng	89
49) Dimethylphthalate	9.75	163	156299	4.76	ng	97

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

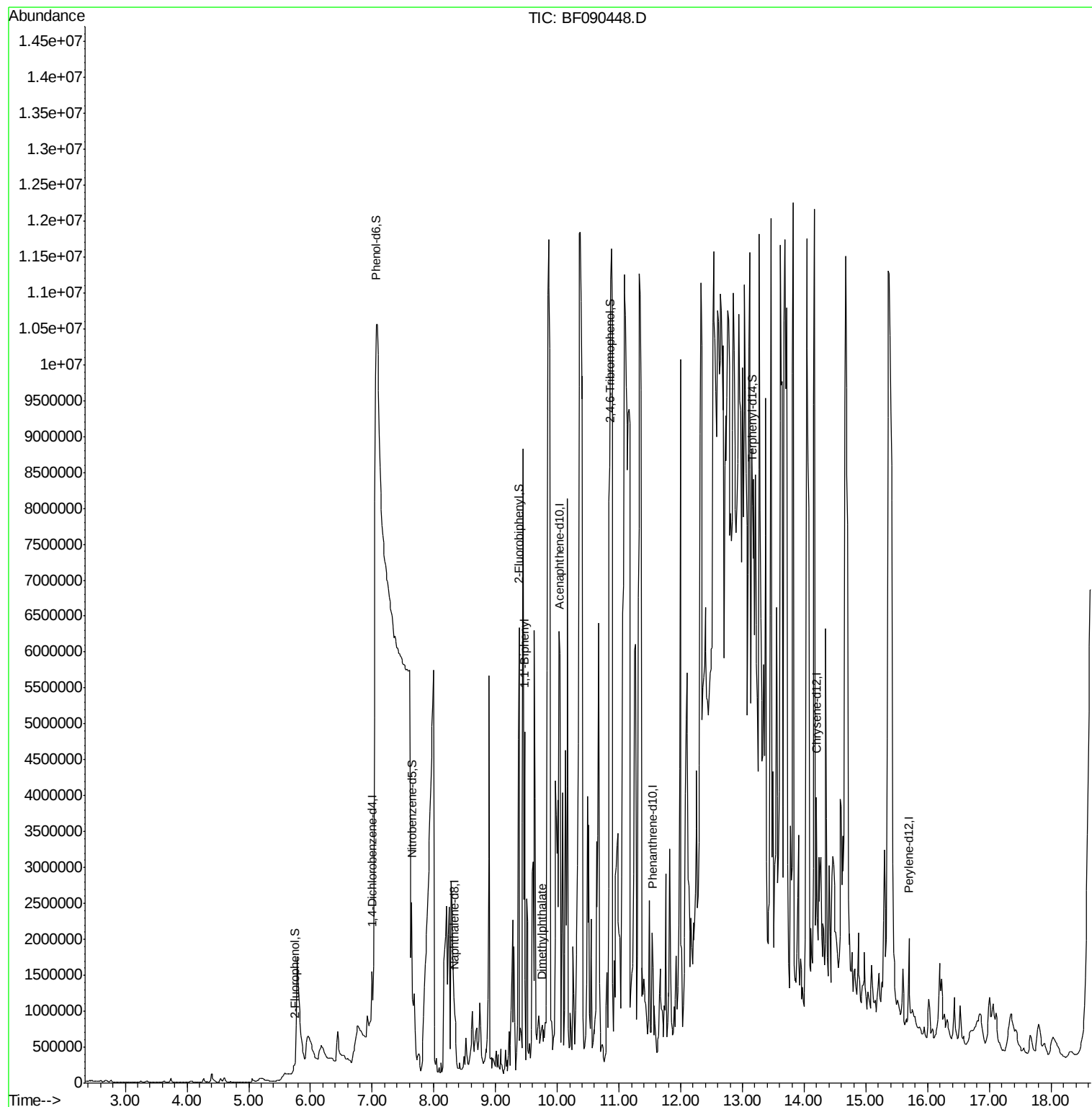
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090448.D
Acq On : 7 Oct 2016 16:20
Operator : UM/SJ
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Misc :
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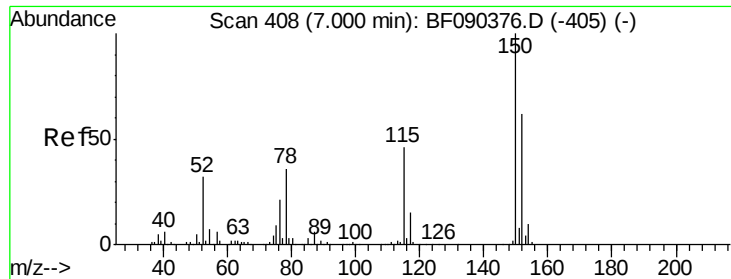
Instrument :
BNA_F
ClientSampleId :
EFF-WW

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Quant Time: Oct 10 01:58:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 13:55:49 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF090448.D

Acq: 7 Oct 2016 16:20

Instrument :

BNA_F

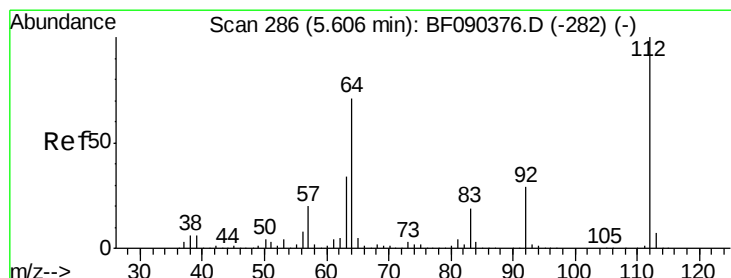
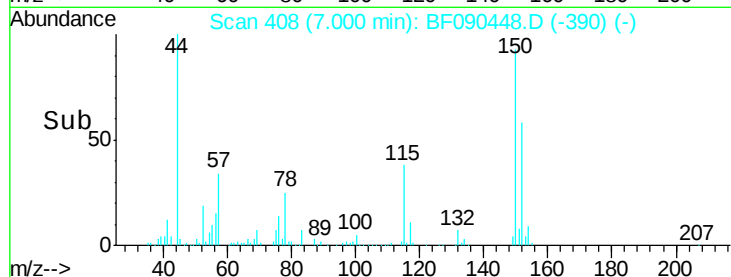
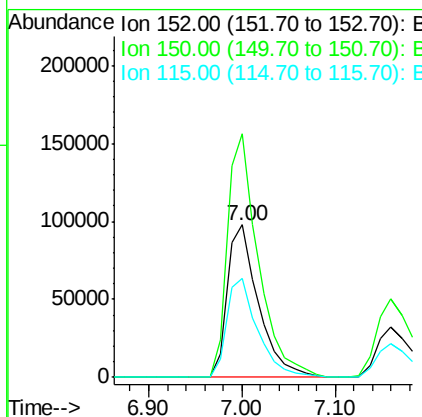
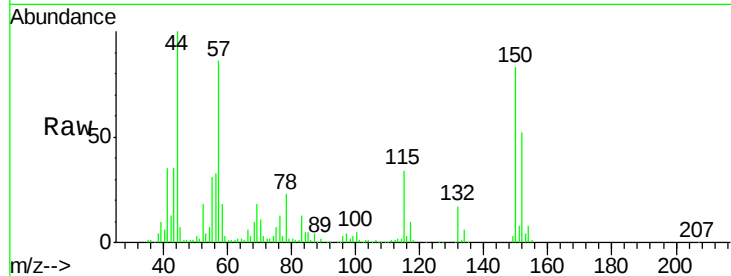
ClientSampleId :

EFF-WW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	64.6	46.2	69.4

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#5

2-Fluorophenol

Concen: 9.05 ng m

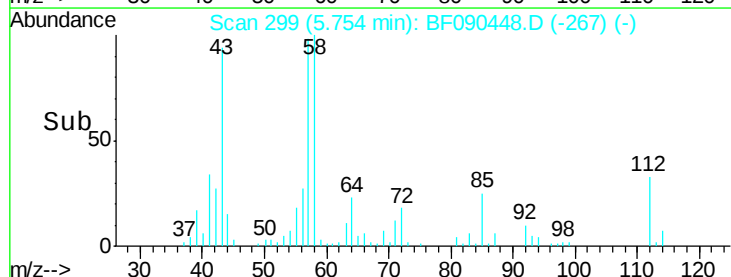
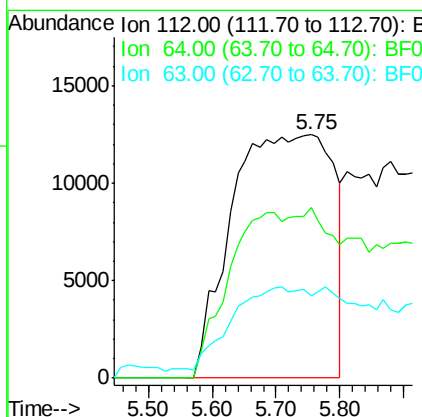
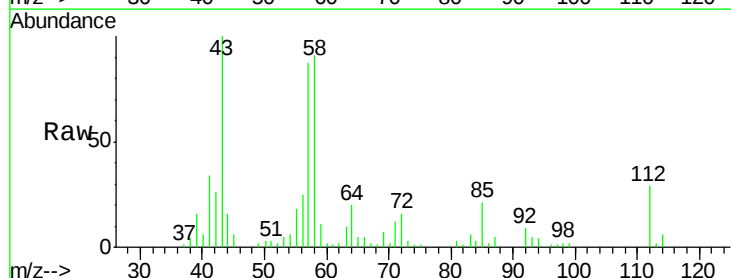
RT: 5.75 min Scan# 299

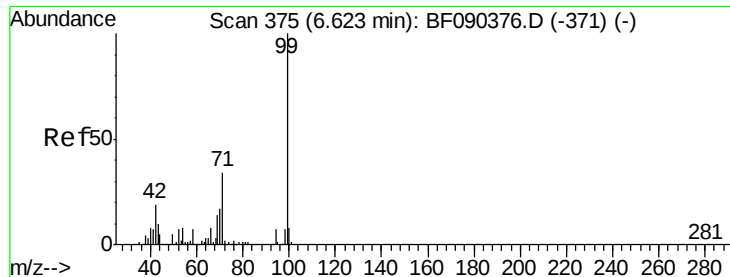
Delta R.T. 0.17 min

Lab File: BF090448.D

Acq: 7 Oct 2016 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	57.9	86.9
63	33.7	29.6	44.4





#7

Phenol-d6

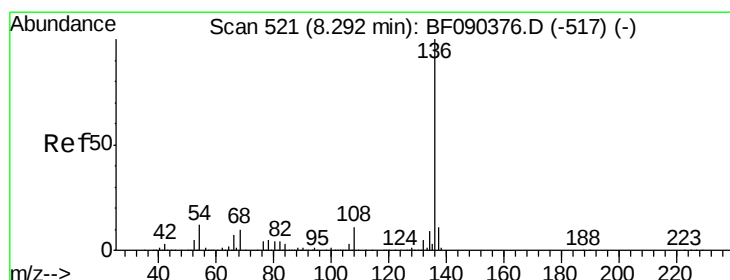
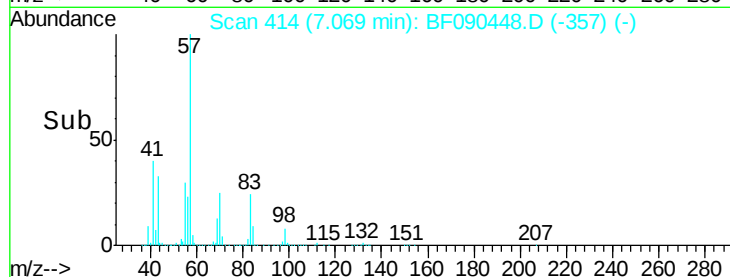
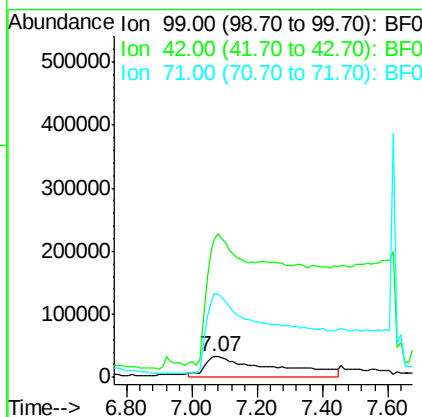
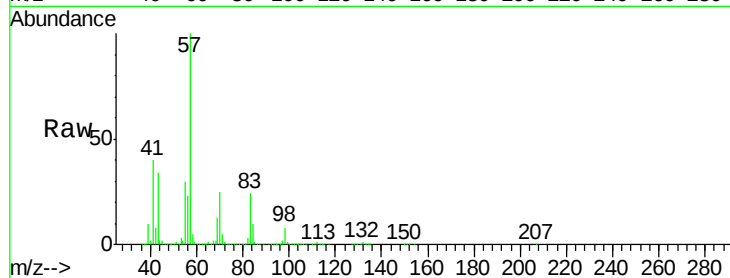
Concen: 24.57 ng m
RT: 7.07 min Scan# 414
Delta R.T. 0.46 min
Lab File: BF090448.D
Acq: 7 Oct 2016 16:20

Instrument :
BNA_F
ClientSampled :
EFF-WW

Tgt Ion	Ratio	Lower	Upper
99	100		
42	660.0	20.0	30.0#
71	401.2	27.9	41.9#

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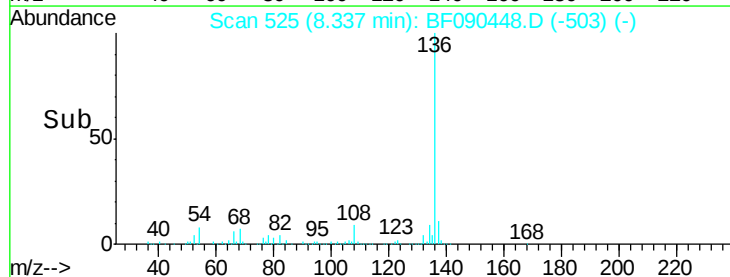
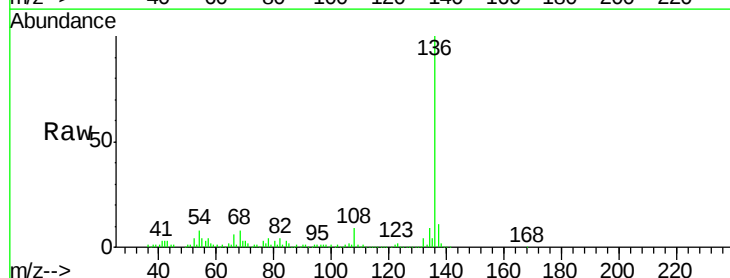
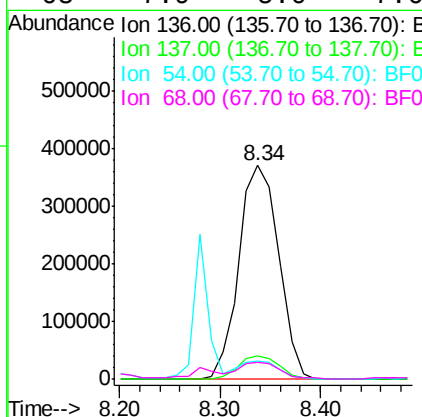


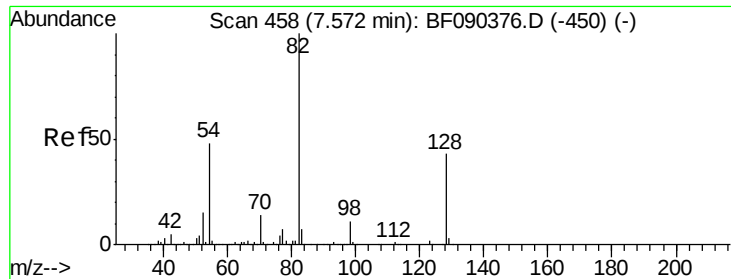
#21

Naphthalene-d8

Concen: 20.00 ng
RT: 8.34 min Scan# 525
Delta R.T. 0.06 min
Lab File: BF090448.D
Acq: 7 Oct 2016 16:20

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.3	6.6	10.0
68	7.9	5.0	7.6#





#23

Nitrobenzene-d5

Concen: 65.39 ng

RT: 7.64 min Scan# 464

Delta R.T. 0.09 min

Lab File: BF090448.D

Acq: 7 Oct 2016 16:20

Instrument :

BNA_F

ClientSampled :

EFF-WW

Tgt Ion: 82 Resp: 1365448

Ion Ratio Lower Upper

82 100

128 43.7 40.0 60.0

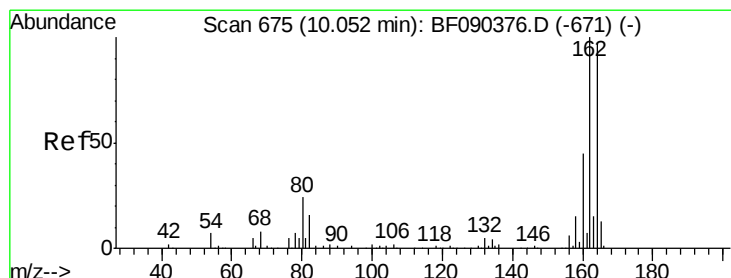
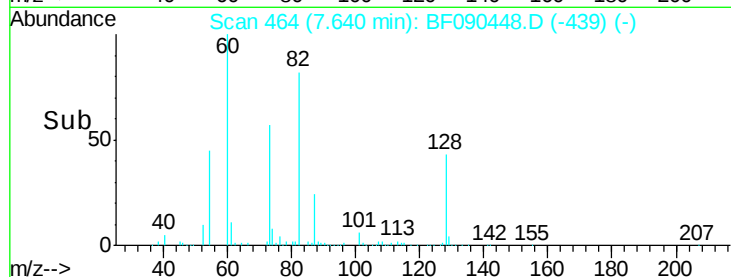
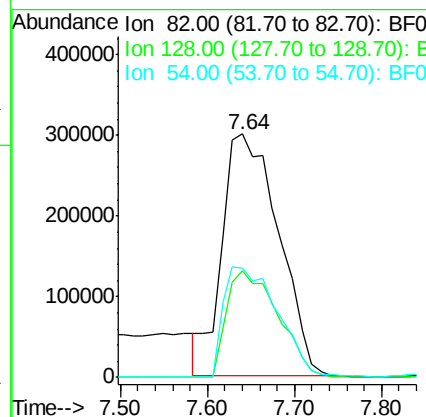
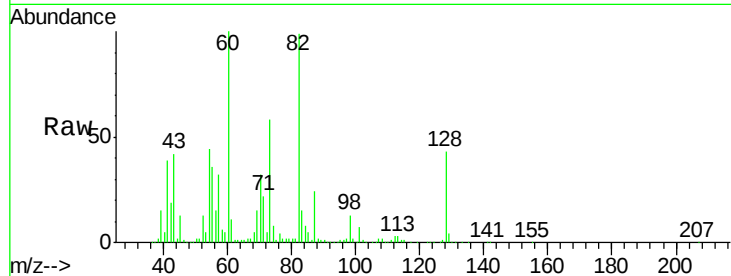
54 44.7 42.6 64.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF090448.D

Acq: 7 Oct 2016 16:20

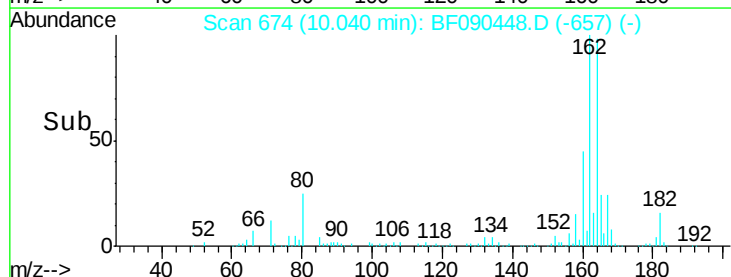
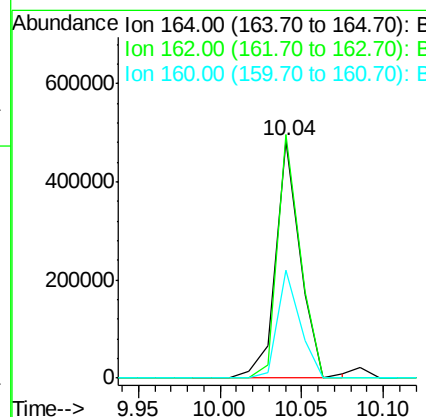
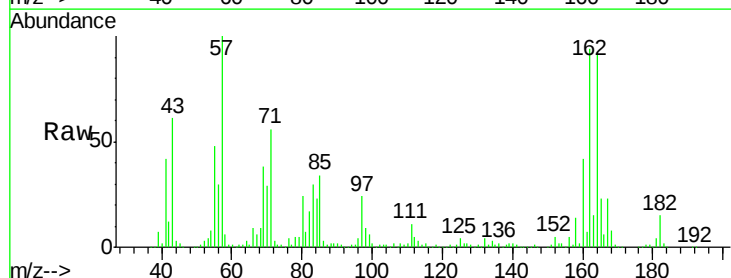
Tgt Ion:164 Resp: 513033

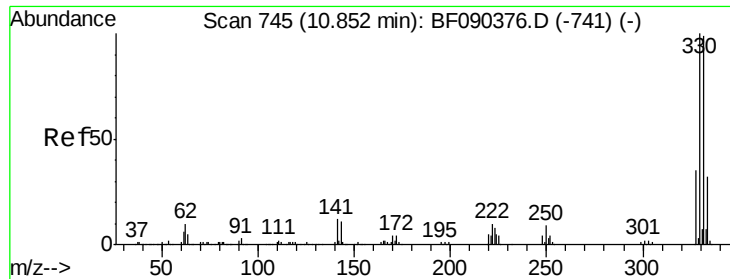
Ion Ratio Lower Upper

164 100

162 102.5 80.1 120.1

160 45.7 36.3 54.5





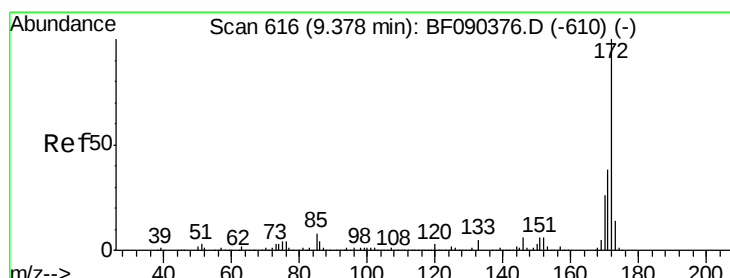
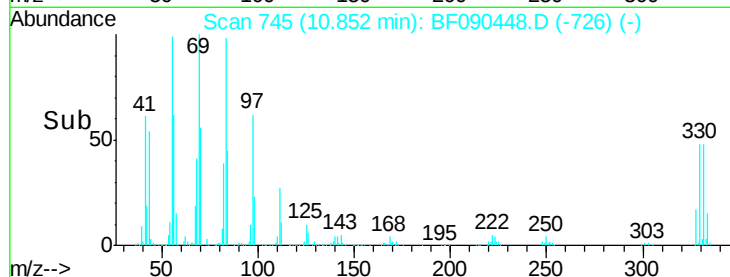
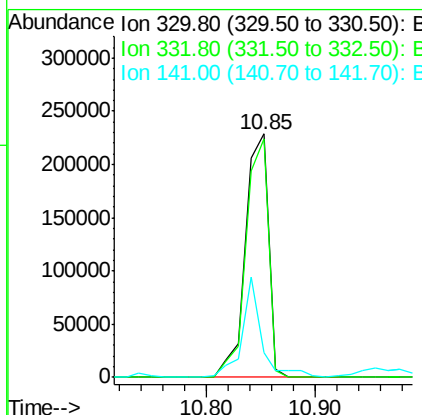
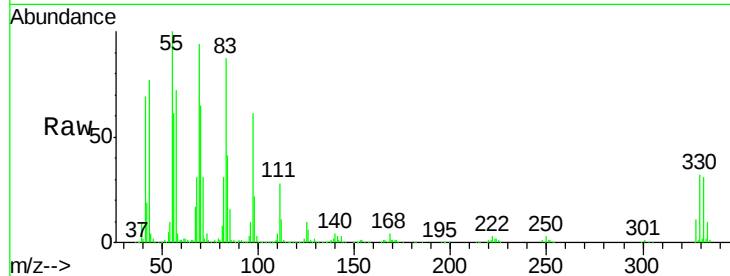
#41
 2,4,6-Tribromophenol
 Concen: 80.70 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.02 min
 Lab File: BF090448.D
 Acq: 7 Oct 2016 16:20

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	336661		
332	96.2	75.4	113.0	
141	32.7	26.9	40.3	

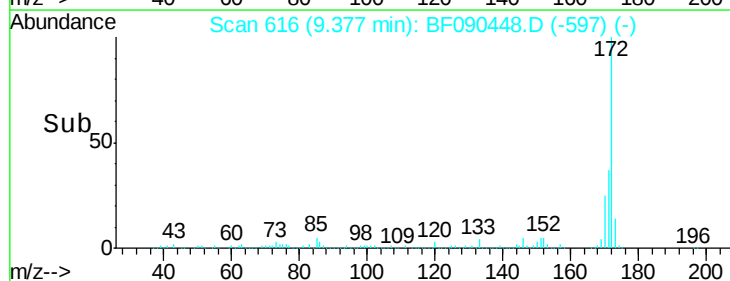
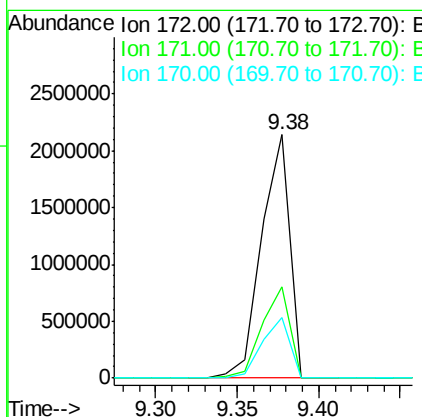
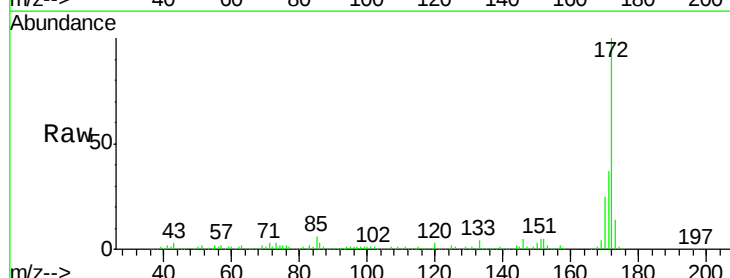
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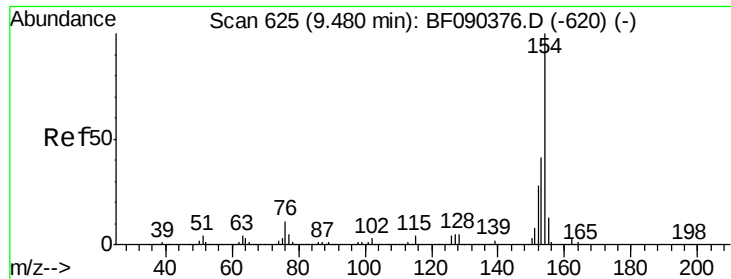
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#44
 2-Fluorobiphenyl
 Concen: 83.27 ng
 RT: 9.38 min Scan# 616
 Delta R.T. 0.02 min
 Lab File: BF090448.D
 Acq: 7 Oct 2016 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2564066		
171	37.5	31.8	47.8	
170	25.1	21.7	32.5	





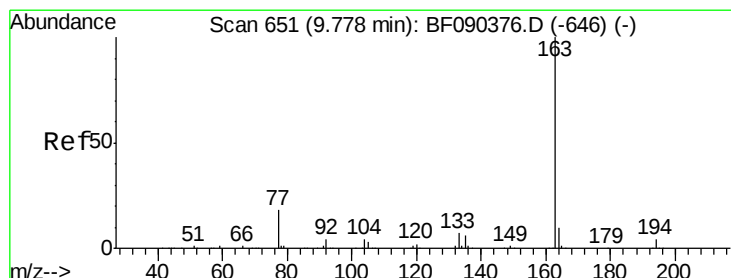
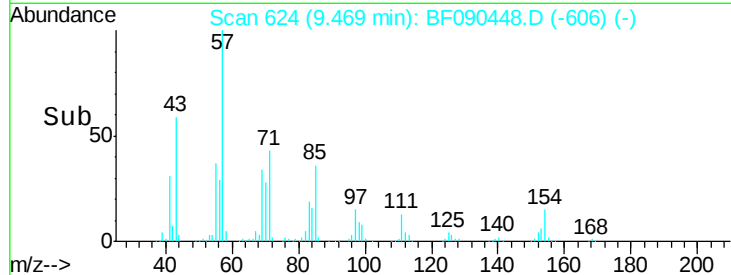
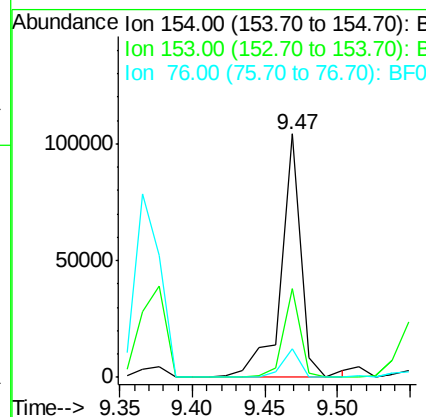
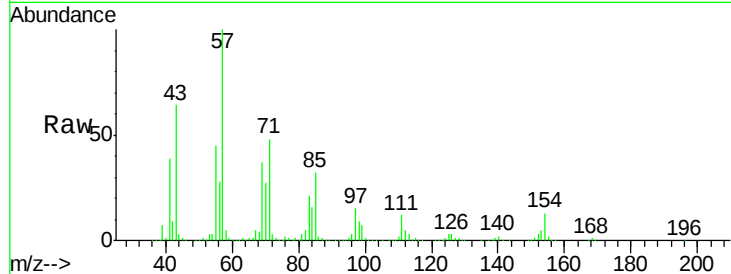
#45
 1,1'-Biphenyl
 Concen: 2.65 ng
 RT: 9.47 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF090448.D
 Acq: 7 Oct 2016 16:20

Instrument :
 BNA_F
 ClientSampled :
 EFF-WW

Tgt Ion:	154	Resp:	100695
Ion Ratio	Lower	Upper	
154	100		
153	36.3	23.8	63.8
76	11.8	0.0	35.8

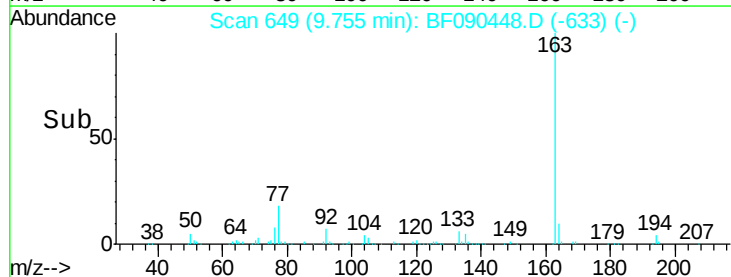
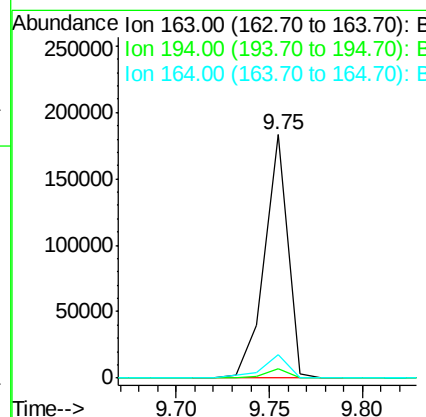
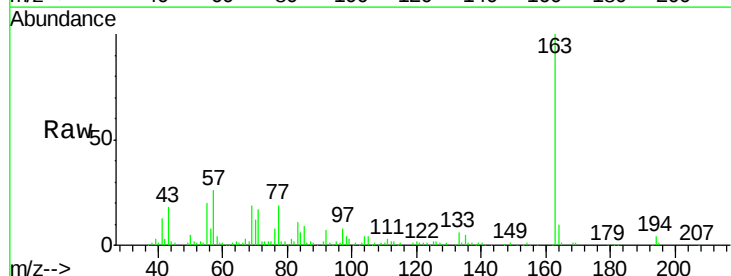
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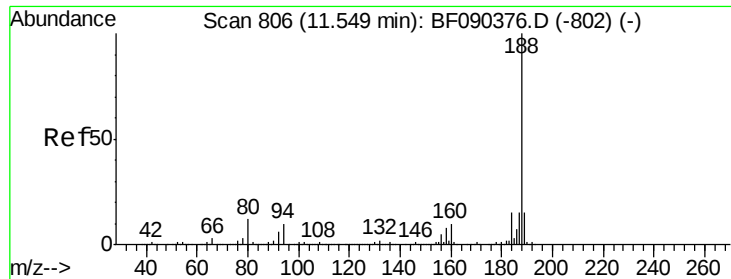
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#49
 Dimethylphthalate
 Concen: 4.76 ng
 RT: 9.75 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF090448.D
 Acq: 7 Oct 2016 16:20

Tgt Ion:	163	Resp:	156299
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	9.8	9.0	13.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF090448.D

Acq: 7 Oct 2016 16:20

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tgt Ion:188 Resp: 708679
Ion Ratio Lower Upper

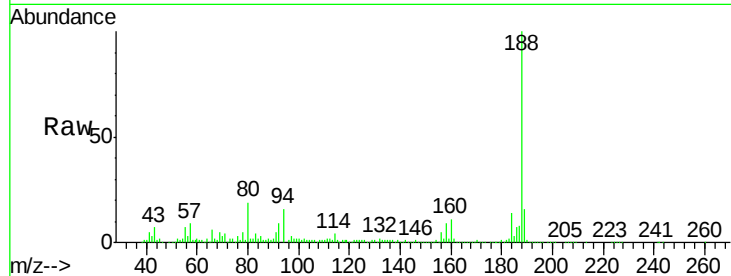
188 100

94 16.3 8.2 12.2#

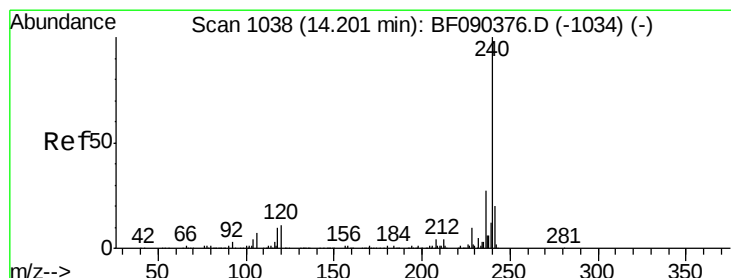
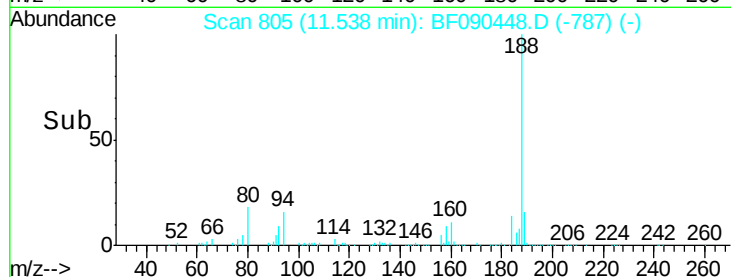
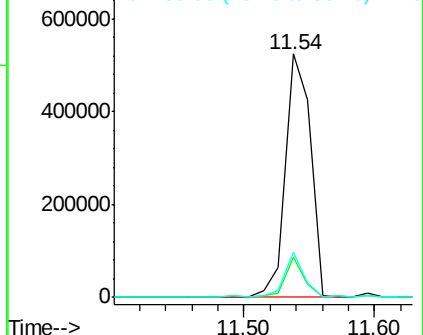
80 18.8 8.8 13.2#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. 0.02 min

Lab File: BF090448.D

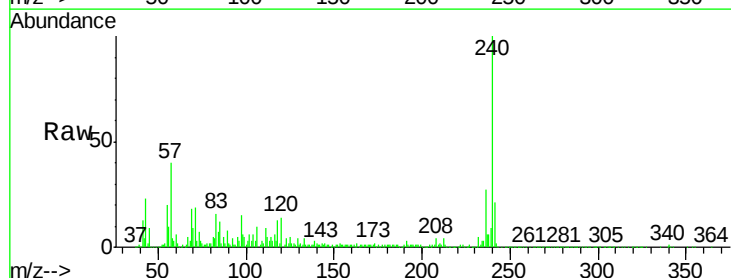
Acq: 7 Oct 2016 16:20

Tgt Ion:240 Resp: 521290
Ion Ratio Lower Upper

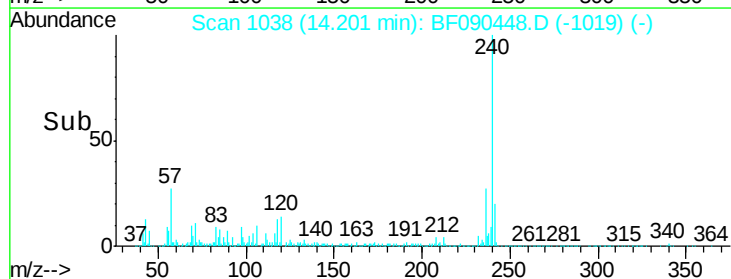
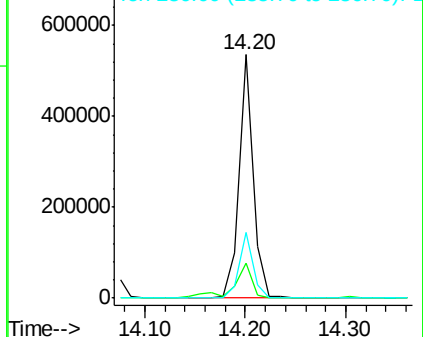
240 100

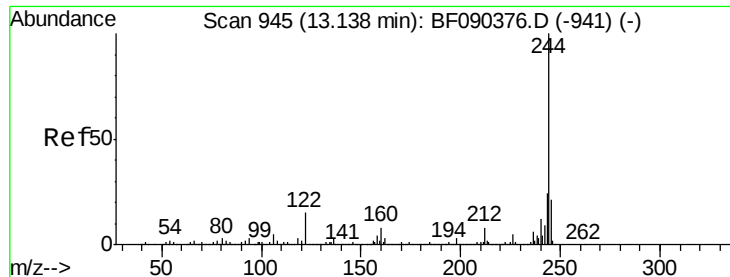
120 14.5 8.6 13.0#

236 27.0 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.38 ng

RT: 13.16 min Scan# 947

Delta R.T. 0.03 min

Lab File: BF090448.D

Acq: 7 Oct 2016 16:20

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tgt Ion:244 Resp: 1886904
Ion Ratio Lower Upper

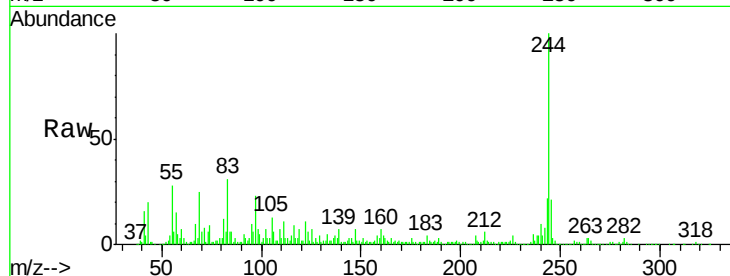
244 100

212 6.4 6.8 10.2#

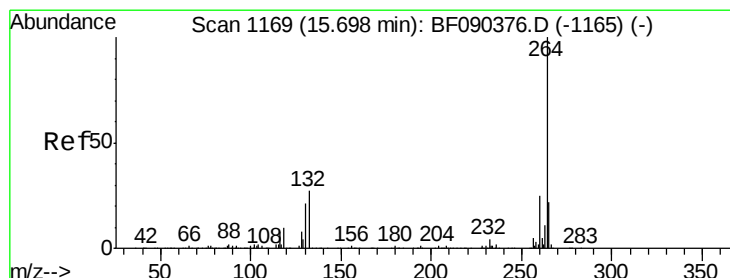
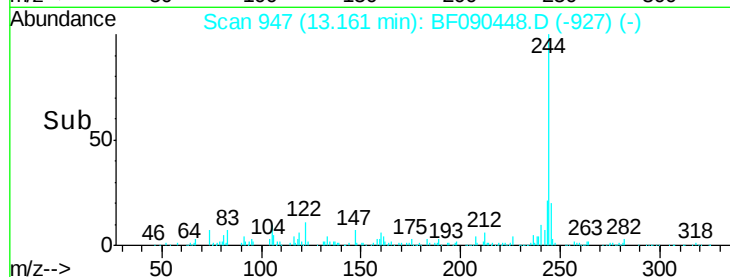
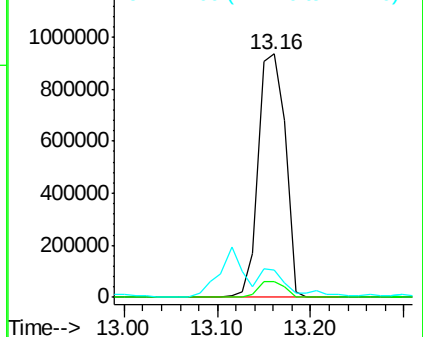
122 11.5 13.3 19.9#

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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: 15.70 min Scan# 1169

Delta R.T. 0.02 min

Lab File: BF090448.D

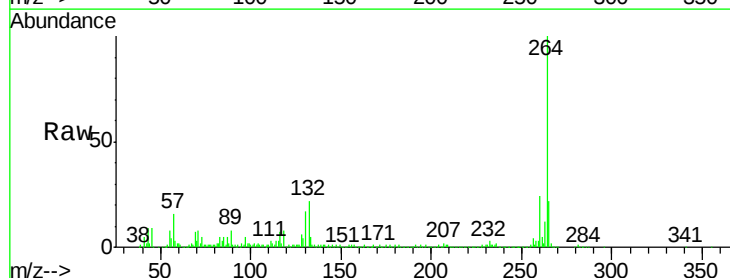
Acq: 7 Oct 2016 16:20

Tgt Ion:264 Resp: 501277
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

