

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090013.D
 Acq On : 7 Sep 2016 19:08
 Operator : UM/SJ
 Sample : H4676-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-12

Manual Integrations
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Quant Time: Sep 08 07:31:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	196514	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	740161	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	367744	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	612581	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	475503	20.00	ng	-0.02
86) Perylene-d12	15.07	264	360376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1091098	88.87	ng	-0.02
7) Phenol-d6	6.26	99	1467203	98.35	ng	-0.02
23) Nitrobenzene-d5	7.19	82	960617	75.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	344051	94.83	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1618141	72.23	ng	-0.02
78) Terphenyl-d14	12.70	244	1159005	60.21	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.38	163	425004	15.99	ng	Qvalue 97
87) Benzo(b)fluoranthene	14.72	252	47937m	2.12	ng	

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

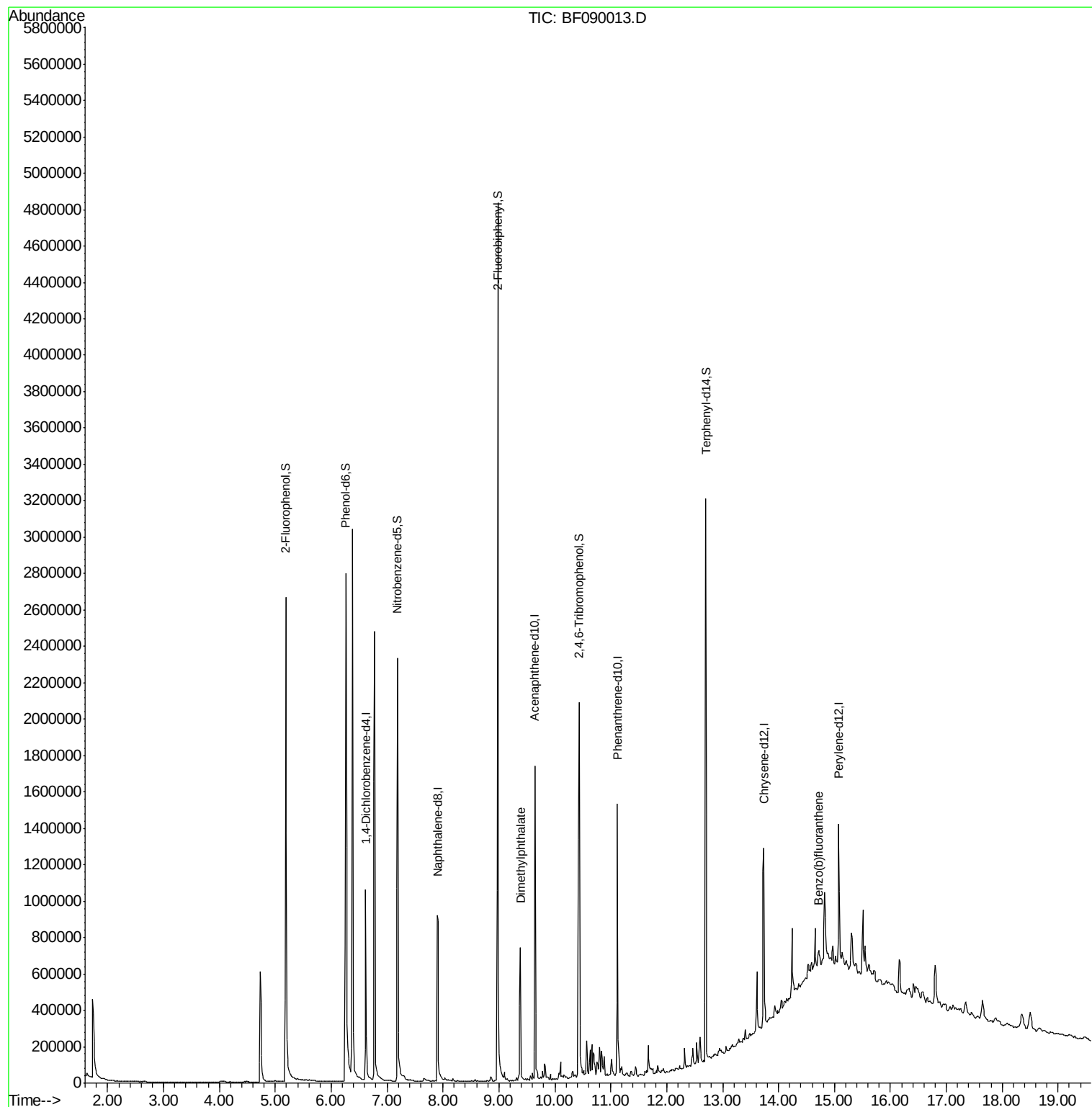
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
Data File : BF090013.D
Acq On : 7 Sep 2016 19:08
Operator : UM/SJ
Sample : H4676-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

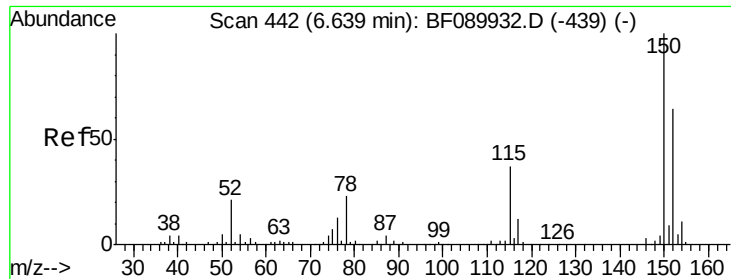
Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-12

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Quant Time: Sep 08 07:31:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Instrument :

BNA_F

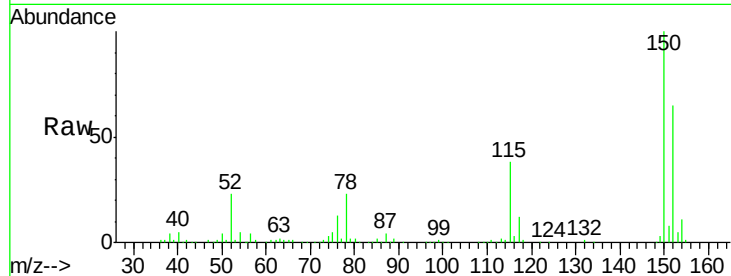
ClientSampleId :

RAMP-A(0-2)-12

Tgt Ion:	152	Resp:	196514
Ion Ratio	Lower	Upper	
152	100		
150	154.2	127.4	191.2
115	59.1	46.3	69.5

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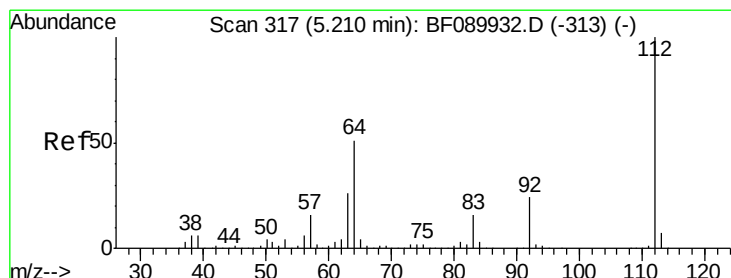
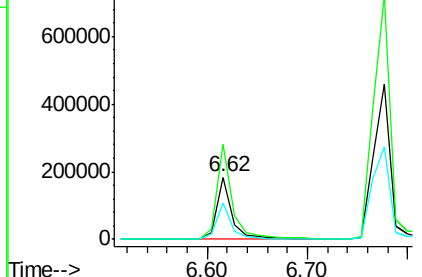
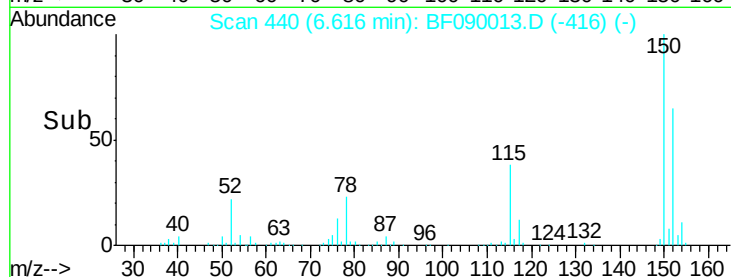
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 88.87 ng

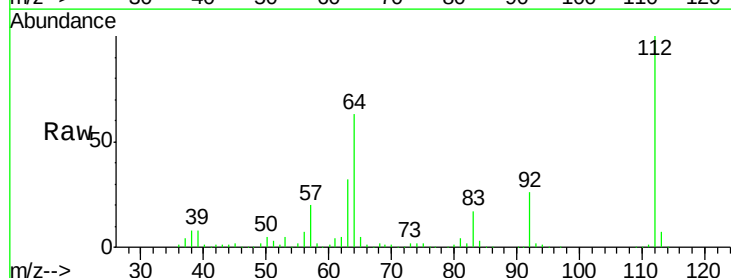
RT: 5.19 min Scan# 315

Delta R.T. -0.02 min

Lab File: BF090013.D

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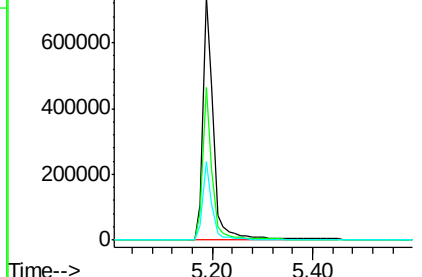
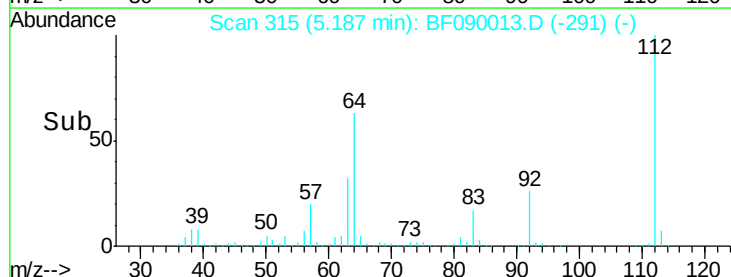
Tgt Ion:	112	Resp:	1091098
Ion Ratio	Lower	Upper	
112	100		
64	62.9	41.1	61.7#
63	32.4	21.2	31.8#

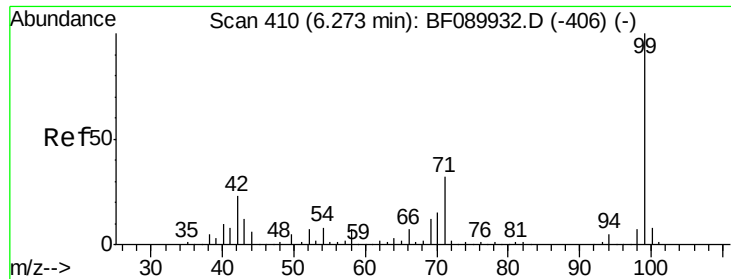


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.35 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-12

Tgt Ion: 99 Resp: 1467203

Ion Ratio Lower Upper

99 100

42 23.0 18.6 27.8

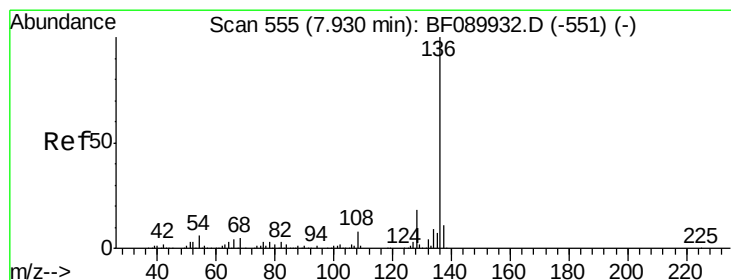
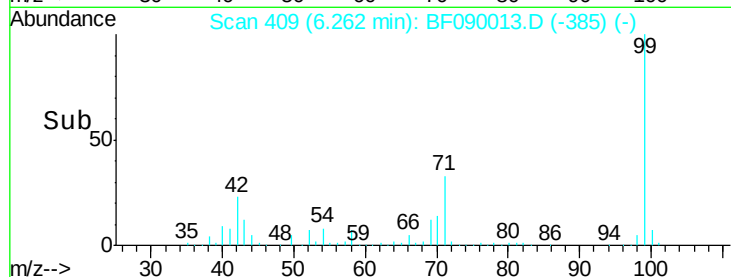
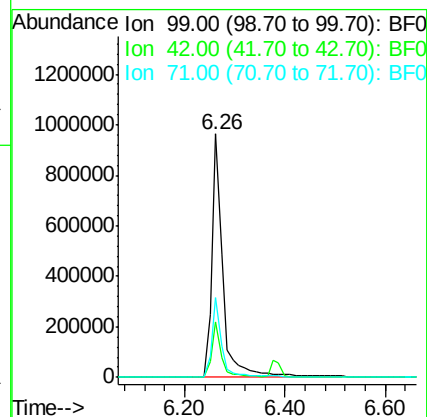
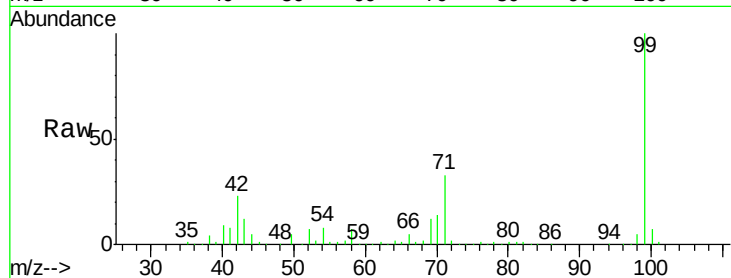
71 32.8 25.8 38.6

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Tgt Ion: 136 Resp: 740161

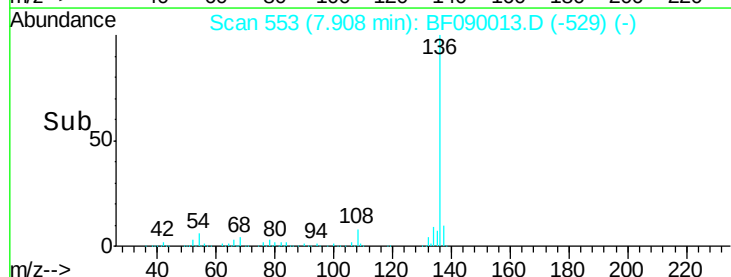
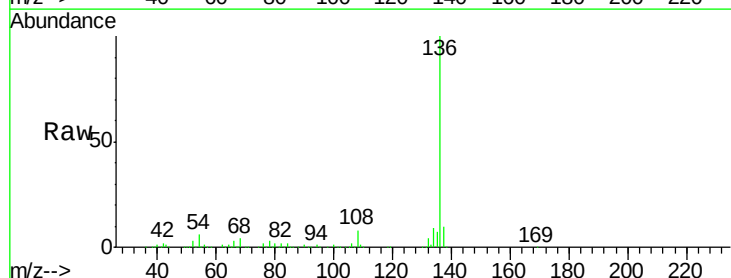
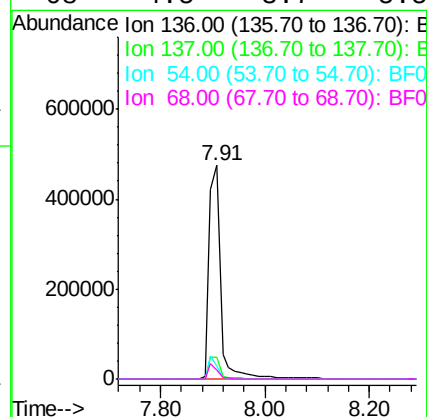
Ion Ratio Lower Upper

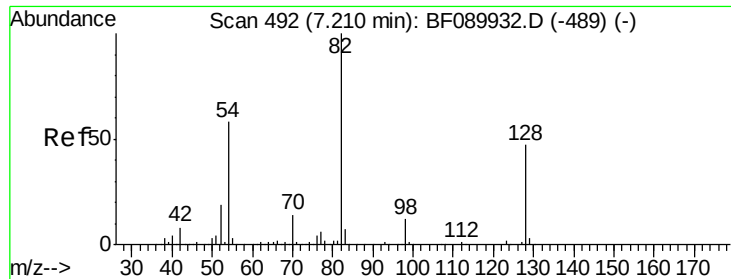
136 100

137 10.4 8.3 12.5

54 5.9 4.8 7.2

68 4.5 3.7 5.5





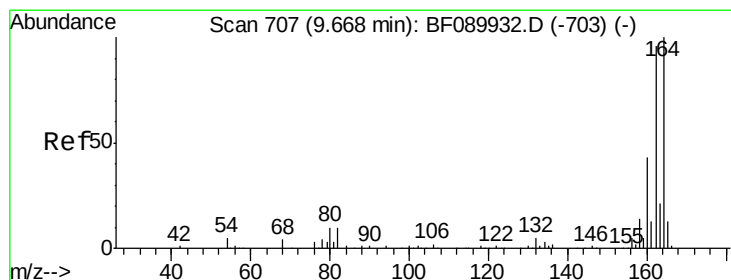
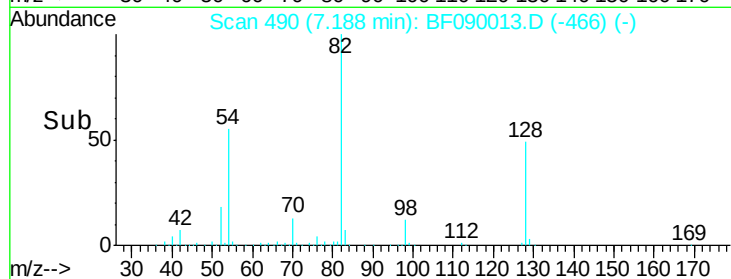
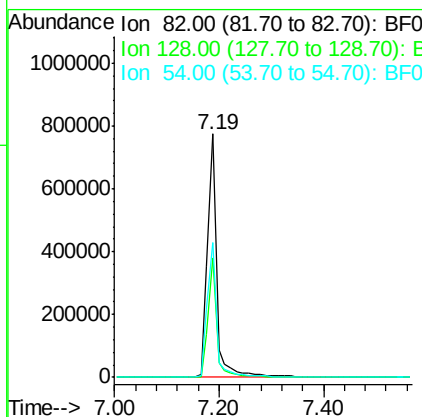
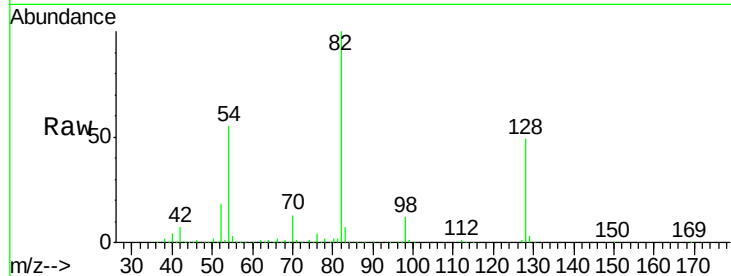
#23
 Nitrobenzene-d5
 Concen: 75.27 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090013.D
 Acq: 7 Sep 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-12

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.1	37.8	56.8	
54	55.5	46.9	70.3	

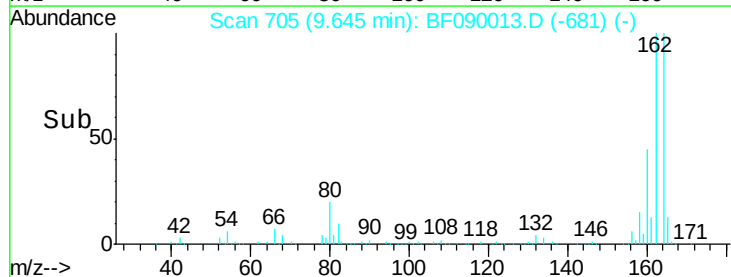
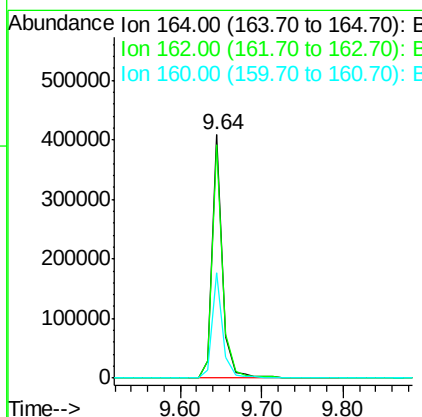
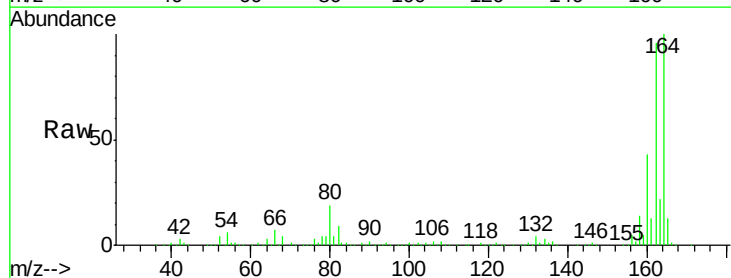
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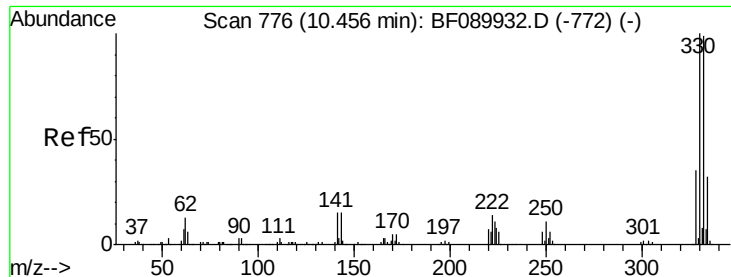
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF090013.D
 Acq: 7 Sep 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	96.1	77.1	115.7	
160	43.3	35.3	52.9	





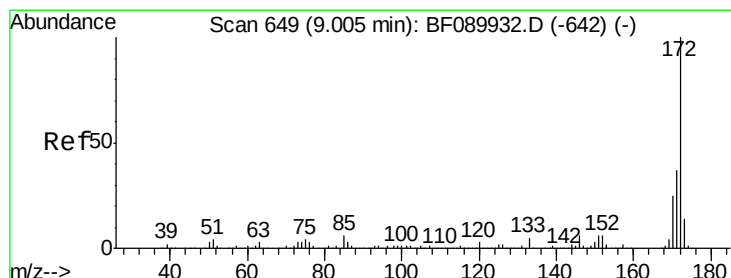
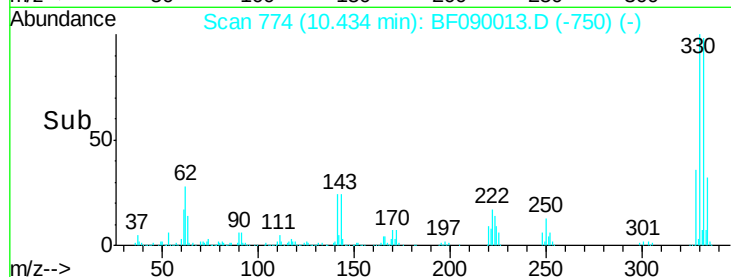
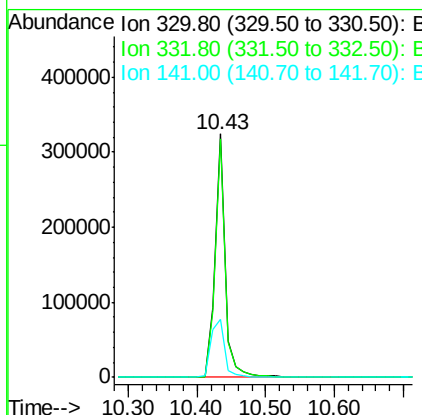
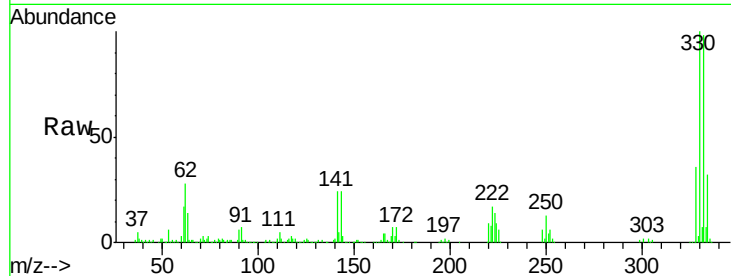
#41
 2,4,6-Tribromophenol
 Concen: 94.83 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090013.D
 Acq: 7 Sep 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-12

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	344051		
332	96.9	78.6	117.8	
141	32.4	23.3	34.9	

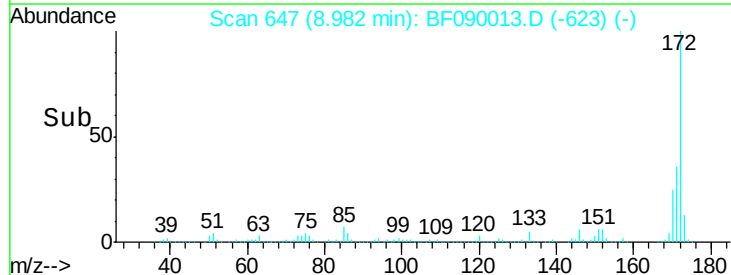
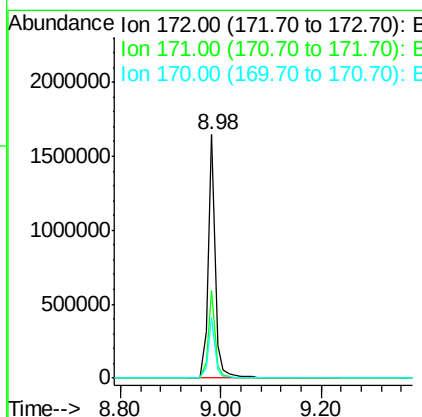
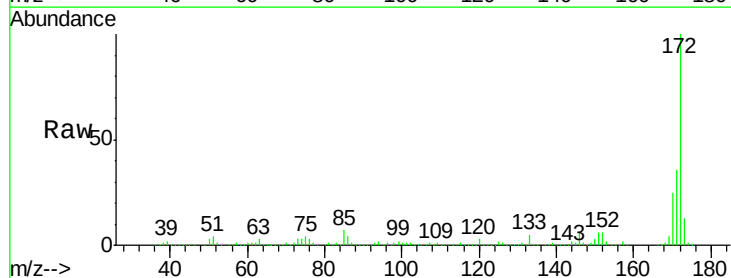
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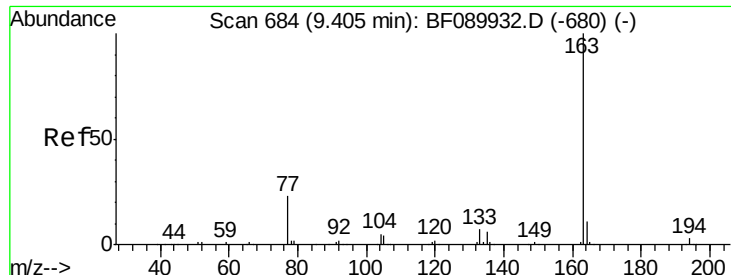
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#44
 2-Fluorobiphenyl
 Concen: 72.23 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090013.D
 Acq: 7 Sep 2016 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1618141		
171	36.1	29.4	44.2	
170	24.8	20.1	30.1	





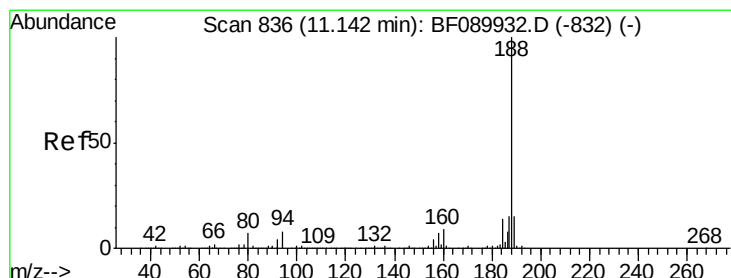
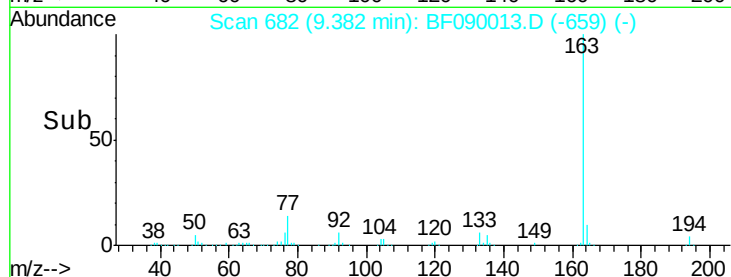
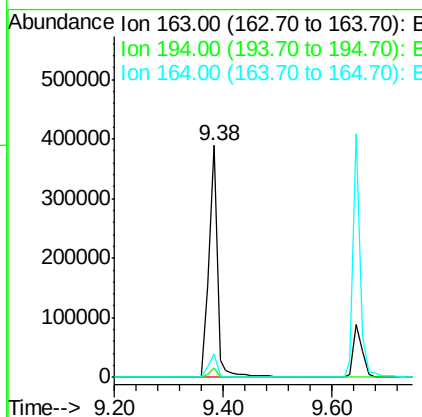
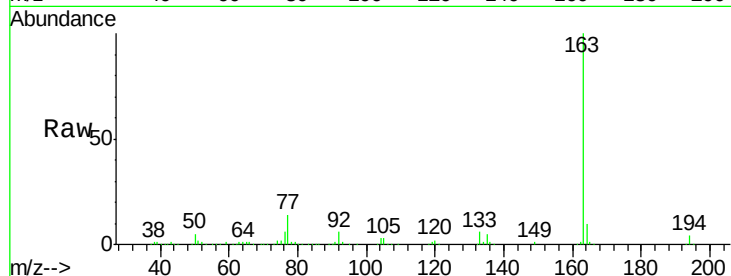
#49
Dimethylphthalate
Concen: 15.99 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090013.D
Acq: 7 Sep 2016 19:08

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	9.0	13.4

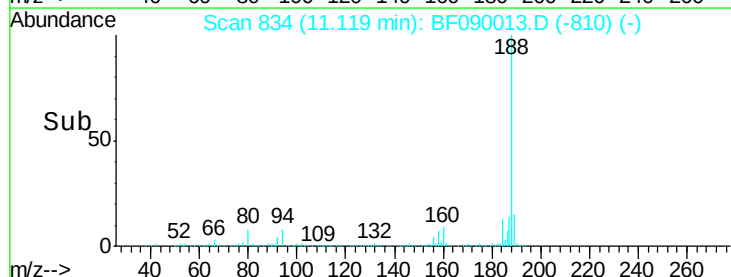
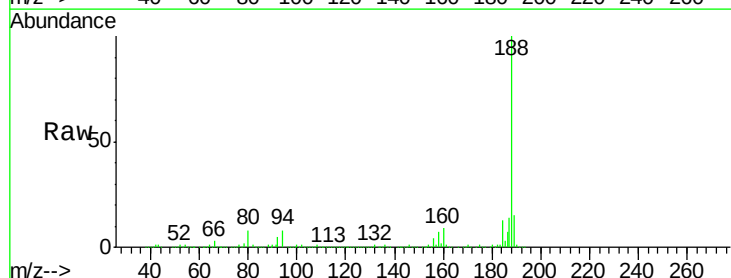
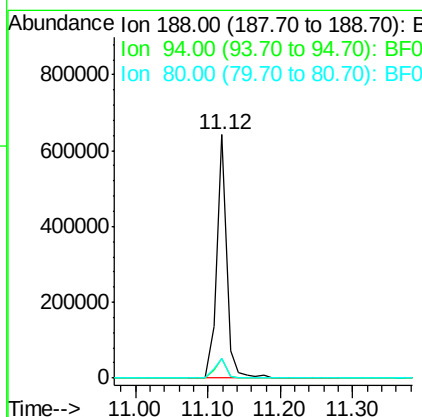
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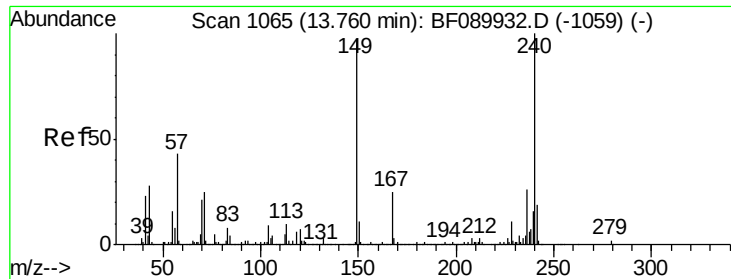
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090013.D
Acq: 7 Sep 2016 19:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.9	8.9
80	8.0	5.8	8.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Instrument :

BNA_F

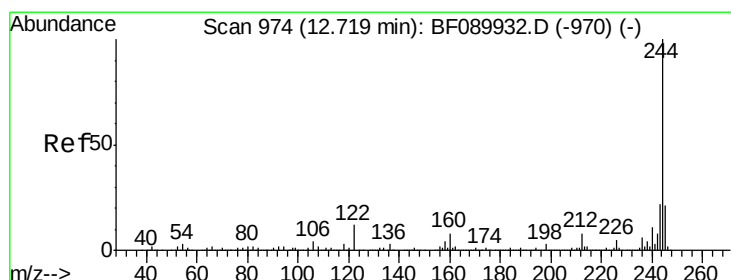
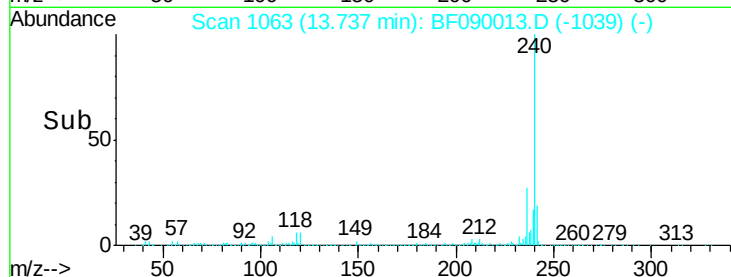
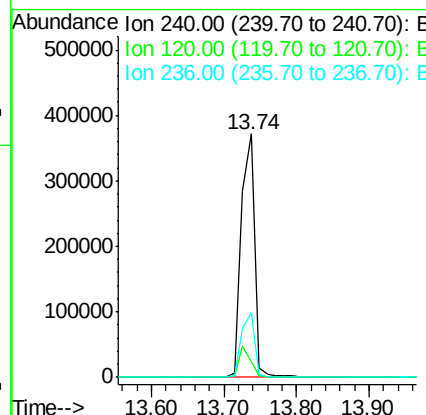
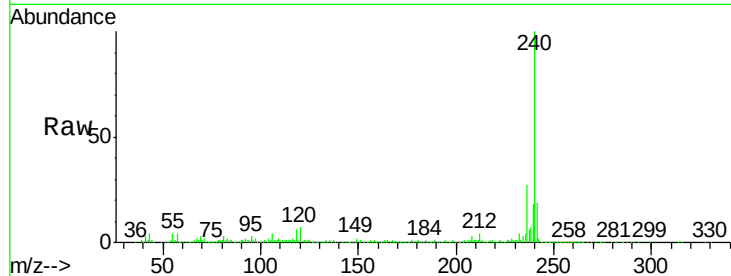
ClientSampleId :

RAMP-A(0-2)-12

Tgt Ion: 240 Resp: 475503
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.7 8.5
 236 26.7 21.3 31.9

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#78

Terphenyl-d14

Concen: 60.21 ng

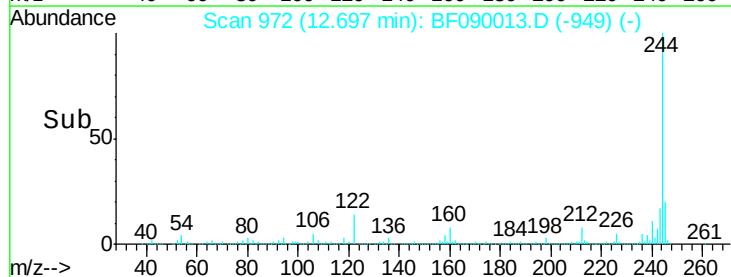
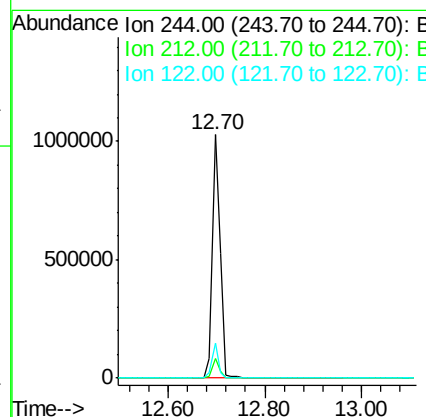
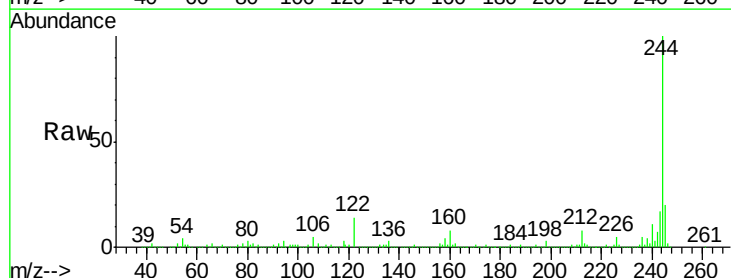
RT: 12.70 min Scan# 972

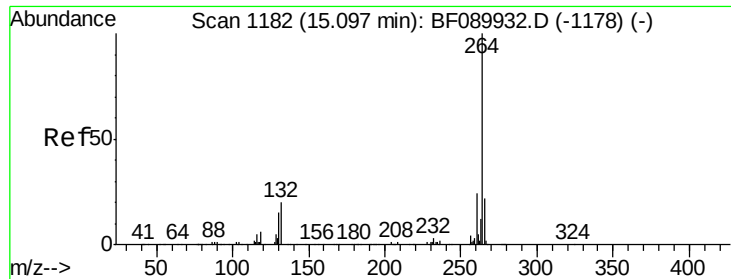
Delta R.T. -0.03 min

Lab File: BF090013.D

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Tgt Ion: 244 Resp: 1159005
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 14.1 9.6 14.4





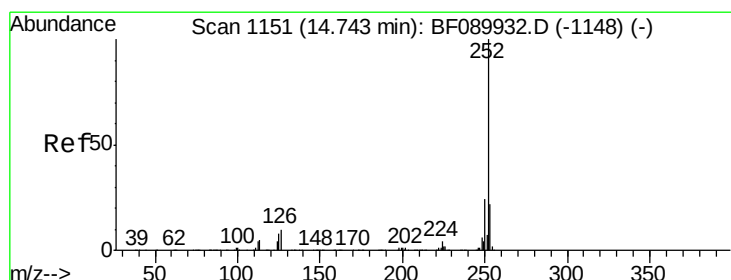
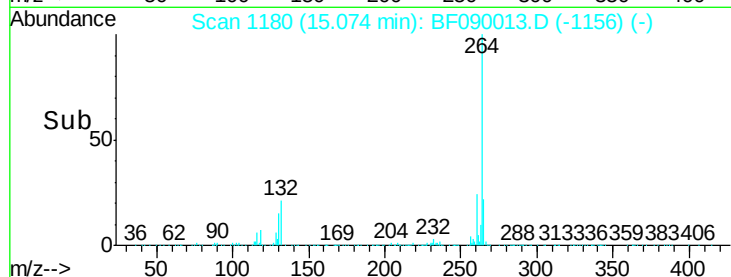
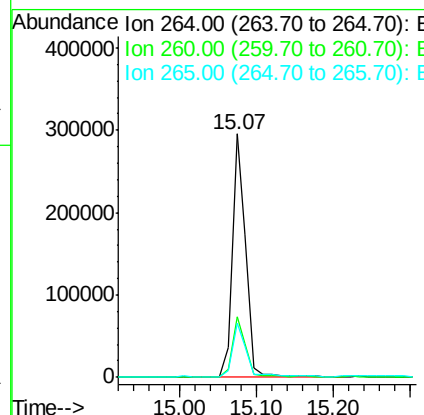
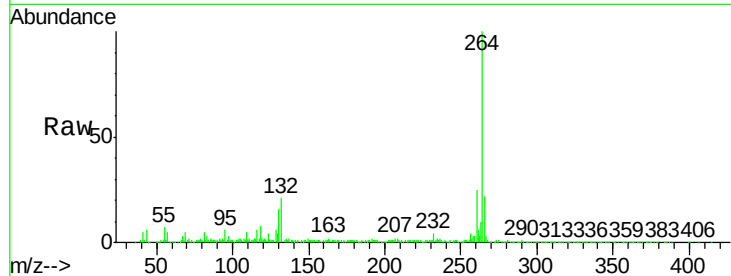
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF090013.D
Acq: 7 Sep 2016 19:08

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-12

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.7	19.4	29.0
265	22.2	17.4	26.2

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#87
Benzo(b)fluoranthene
Concen: 2.12 ng m
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF090013.D
Acq: 7 Sep 2016 19:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.1	18.0	27.0
125	23.9	5.7	8.5#

