

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090992.D
 Acq On : 2 Nov 2016 20:56
 Operator : UM/SJ
 Sample : H5509-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-94-1.0-1.5

Manual Integrations
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Quant Time: Nov 03 01:43:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148549	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	623948	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	305658	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	481983	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	305022	20.00	ng	-0.02
86) Perylene-d12	15.28	264	273007	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1342844	158.05	ng	-0.01
7) Phenol-d6	6.37	99	1577307	137.61	ng	-0.02
23) Nitrobenzene-d5	7.29	82	789755	82.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	442959	141.02	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1616756	92.88	ng	-0.02
78) Terphenyl-d14	12.83	244	1204909	99.52	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.38	94	44085	3.49	ng	# 61
49) Dimethylphthalate	9.49	163	696374	34.10	ng	# 97
70) Phenanthrene	11.26	178	119758	4.88	ng	98
74) Fluoranthene	12.45	202	147020	5.47	ng	91
77) Pyrene	12.68	202	112385	5.82	ng	97
80) Benzo(a)anthracene	13.87	228	51369m	3.17	ng	
82) Chrysene	13.91	228	41660m	2.54	ng	
87) Benzo(b)fluoranthene	14.89	252	57919m	3.16	ng	
91) Benzo(g,h,i)perylene	16.99	276	25700	2.04	ng	# 76

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

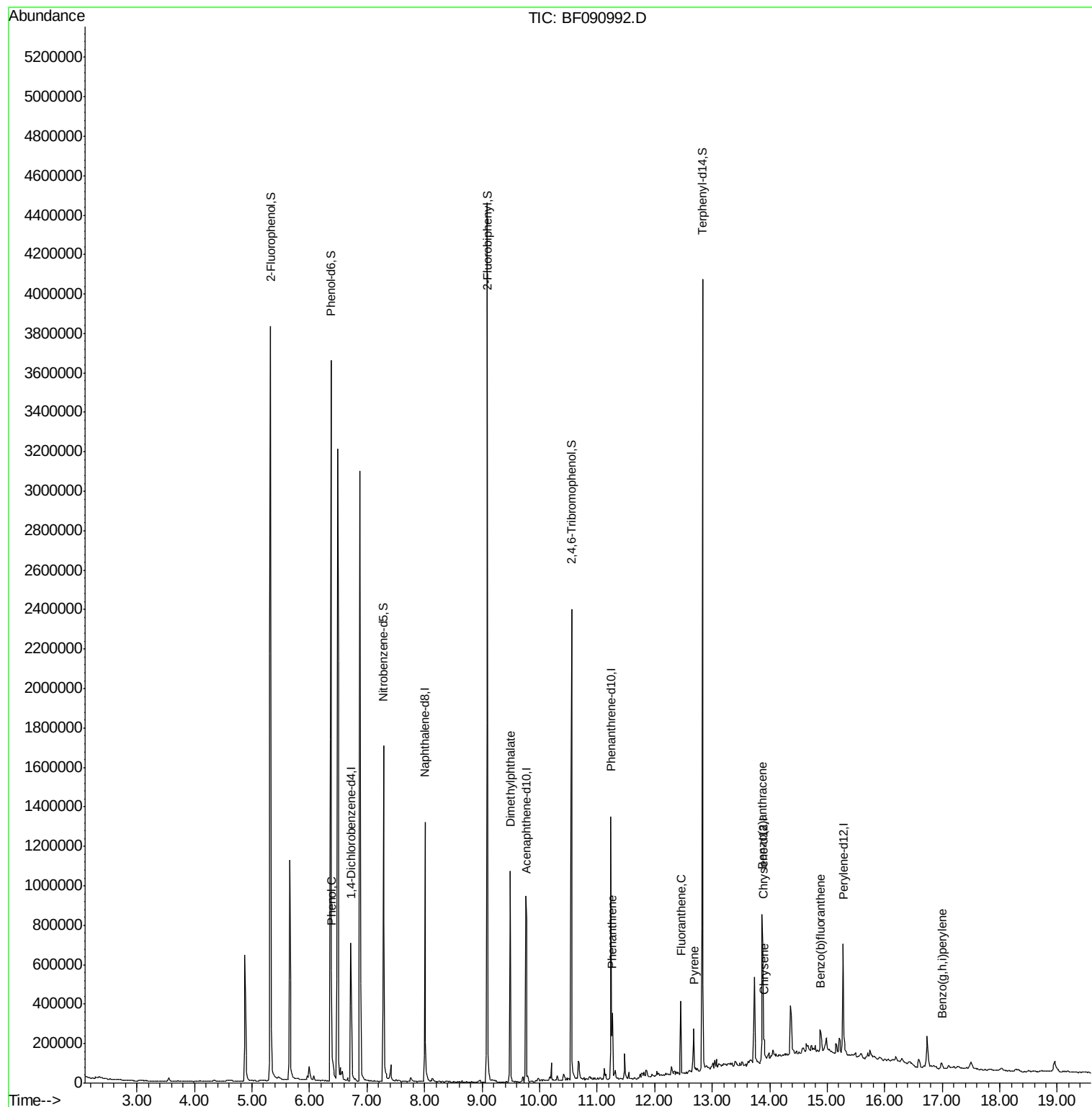
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090992.D
Acq On : 2 Nov 2016 20:56
Operator : UM/SJ
Sample : H5509-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

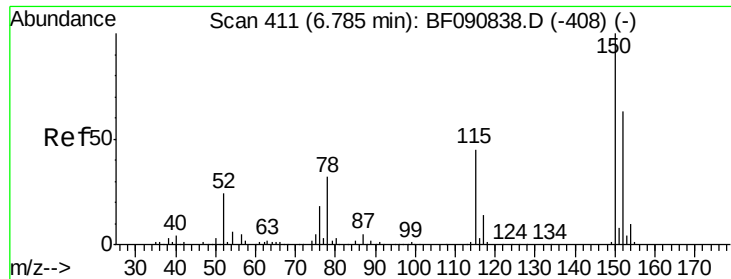
Instrument :
BNA_F
ClientSampleId :
SB-94-1.0-1.5

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Quant Time: Nov 03 01:43:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

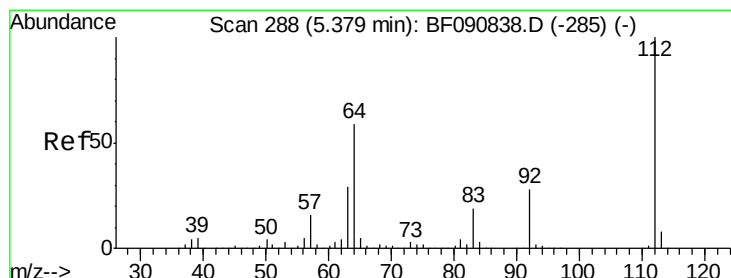
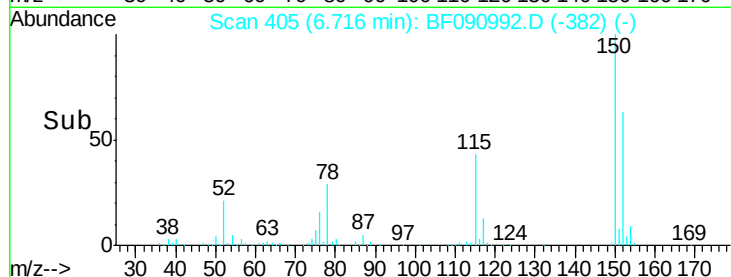
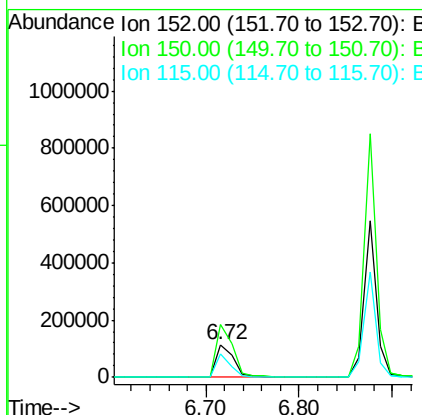
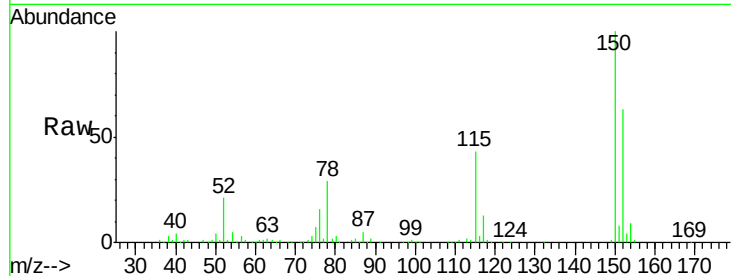
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.03 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SB-94-1.0-1.5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.7	187.1
115	69.3	39.0	58.4

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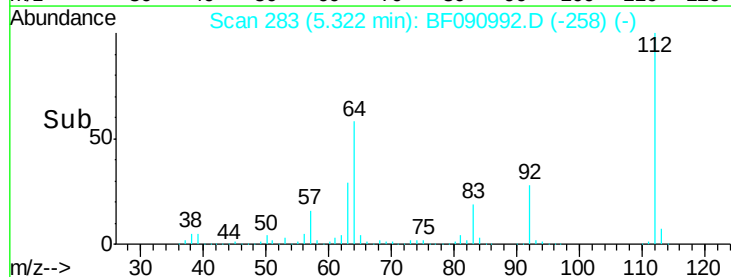
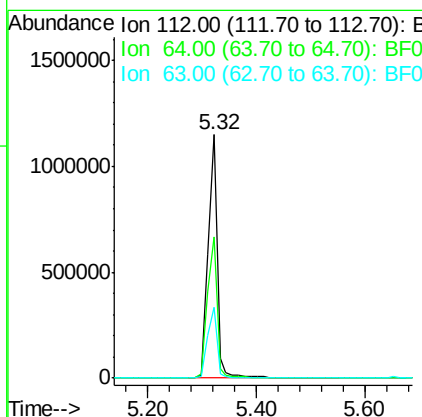
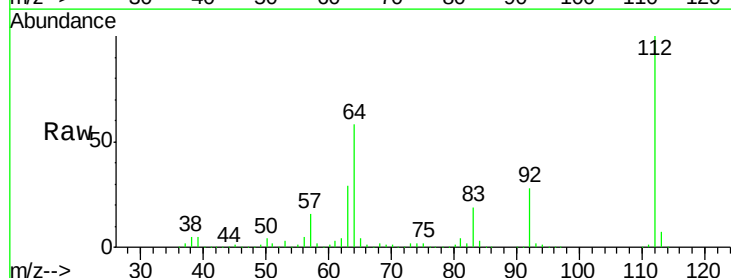
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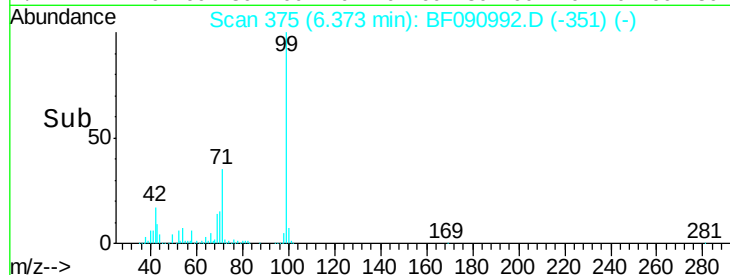
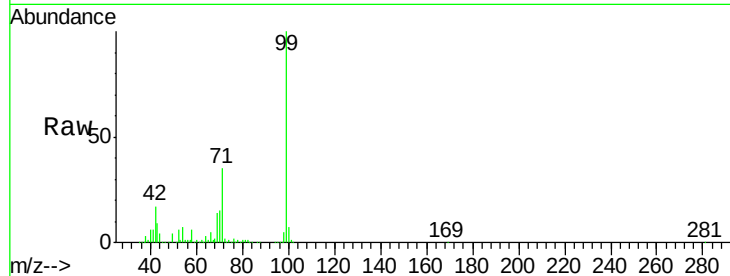
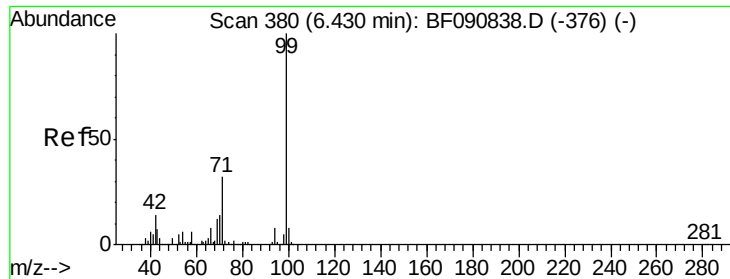


#5

2-Fluorophenol
Concen: 158.05 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	39.7	59.5
63	29.0	17.4	26.0





#7

Phenol-d6

Concen: 137.61 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090992.D

Acq: 2 Nov 2016 20:56

Tgt Ion: 99 Resp: 1577307

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

71 34.5 14.2 21.2#

Instrument :

BNA_F

ClientSampleId :

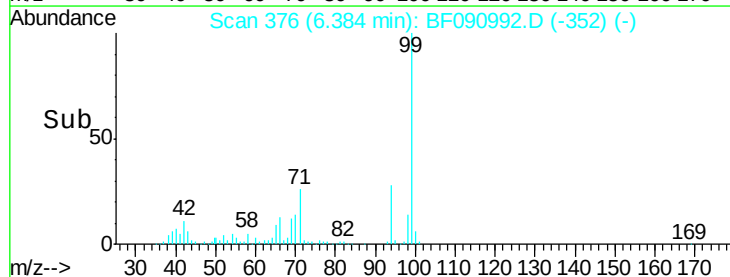
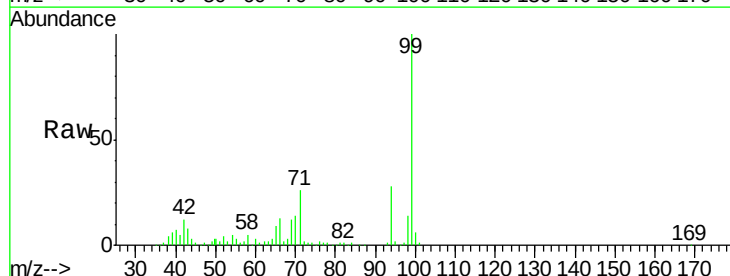
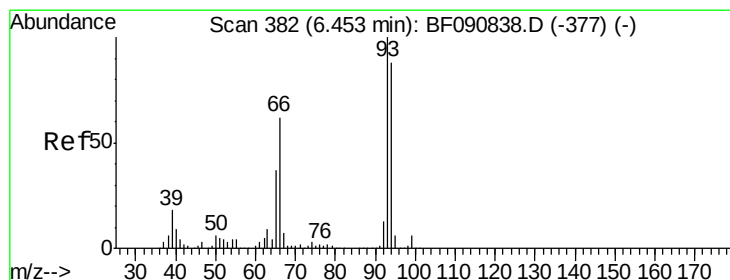
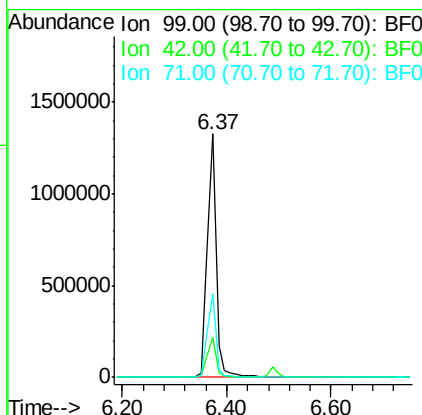
SB-94-1.0-1.5

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#10

Phenol

Concen: 3.49 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF090992.D

Acq: 2 Nov 2016 20:56

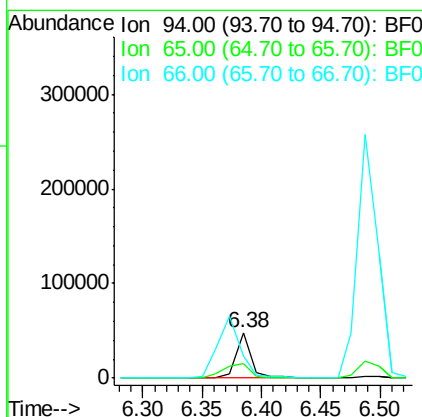
Tgt Ion: 94 Resp: 44085

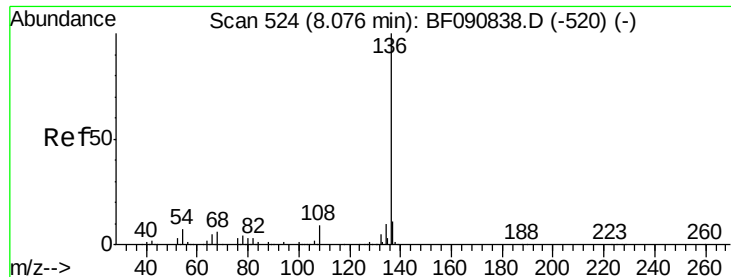
Ion Ratio Lower Upper

94 100

65 30.4 0.7 40.7

66 47.6 0.8 40.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF090992.D

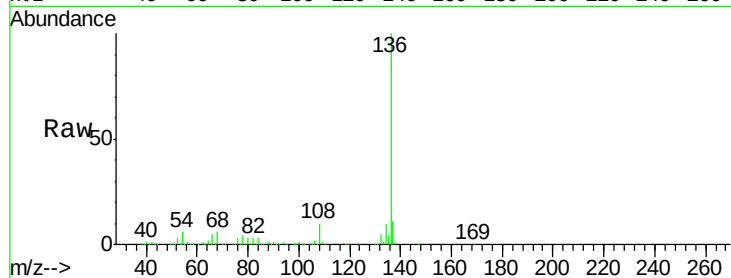
Acq: 2 Nov 2016 20:56

Instrument :

BNA_F

ClientSampled :

SB-94-1.0-1.5



Tgt Ion: 136 Resp: 623948

Ion Ratio Lower Upper

136 100

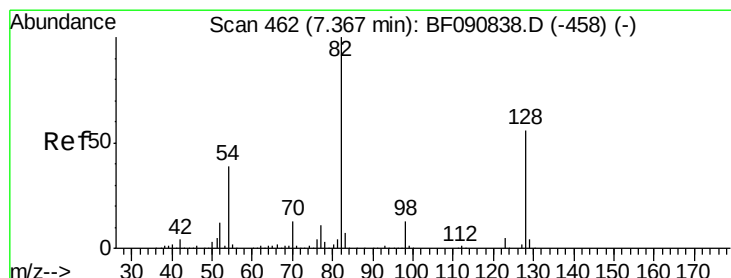
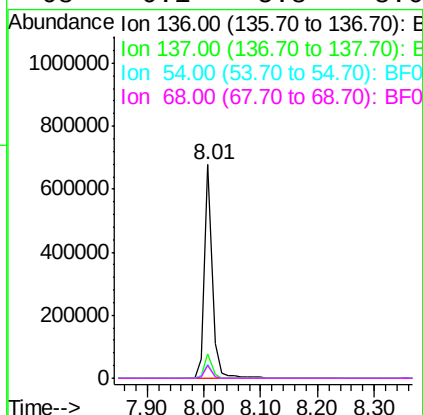
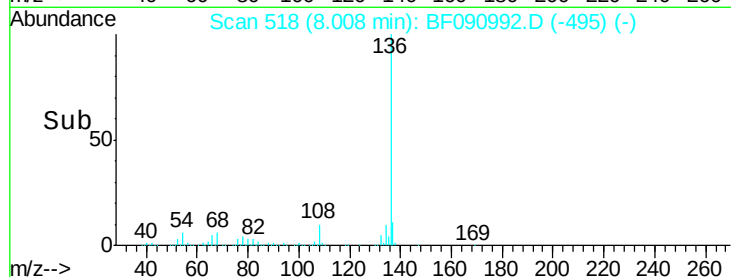
137 11.2 9.0 13.6

54 6.3 8.2 12.2#

68 6.1 5.8 8.6

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#23

Nitrobenzene-d5

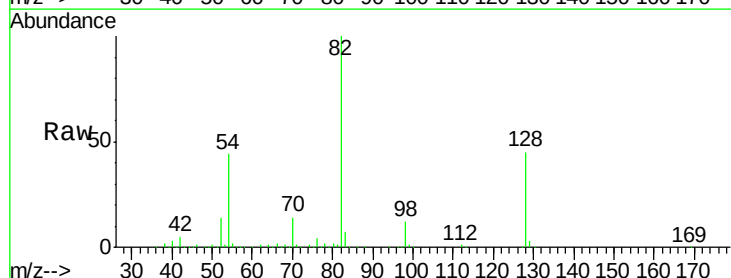
Concen: 82.86 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF090992.D

Acq: 2 Nov 2016 20:56



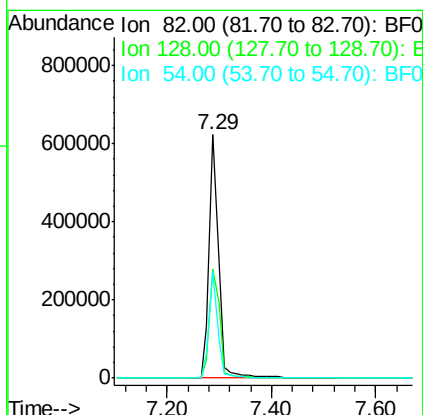
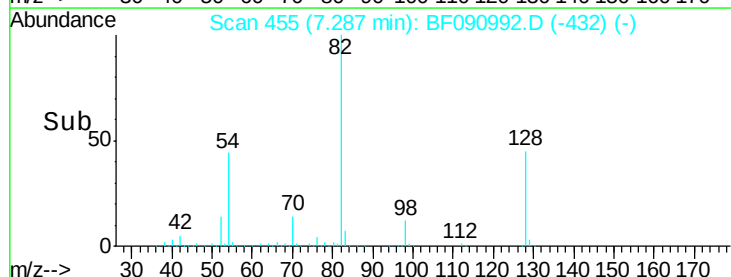
Tgt Ion: 82 Resp: 789755

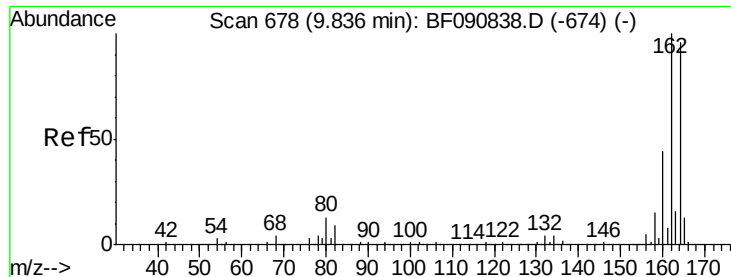
Ion Ratio Lower Upper

82 100

128 45.0 51.0 76.6#

54 43.9 47.5 71.3#





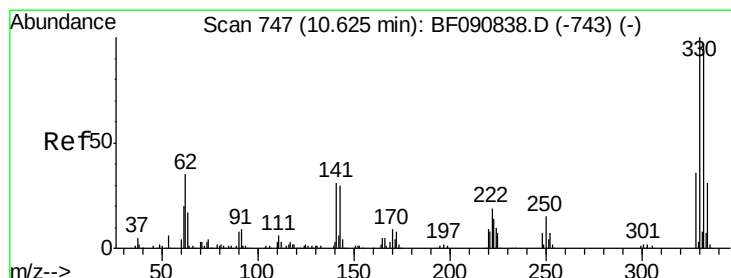
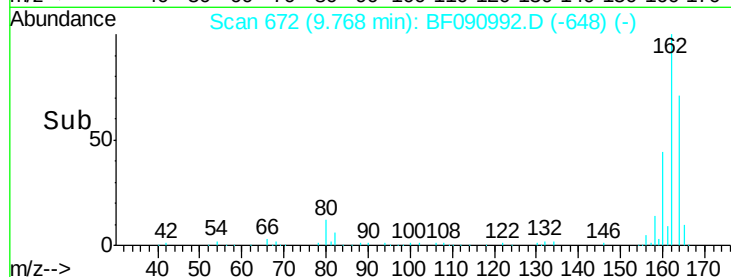
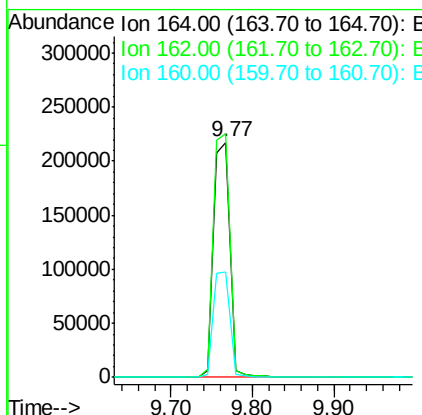
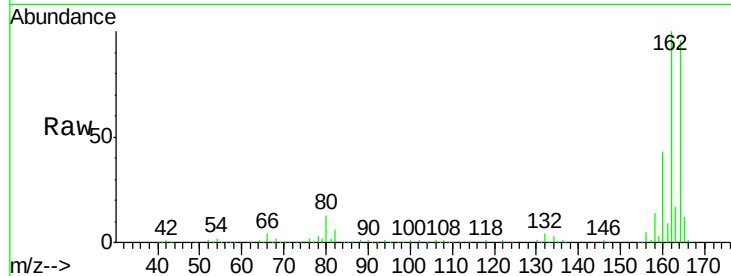
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-94-1.0-1.5

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	305658		
162	103.7	75.2	112.8	
160	45.0	31.5	47.3	

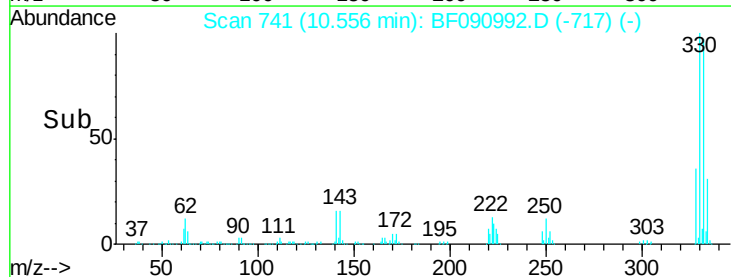
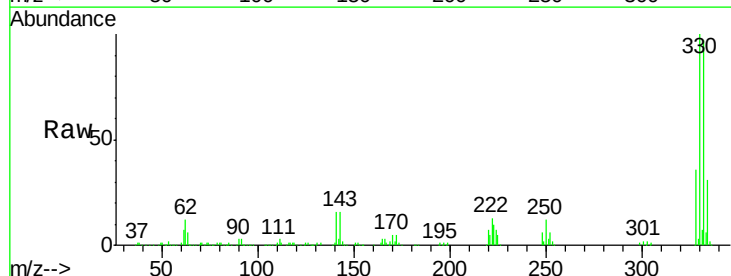
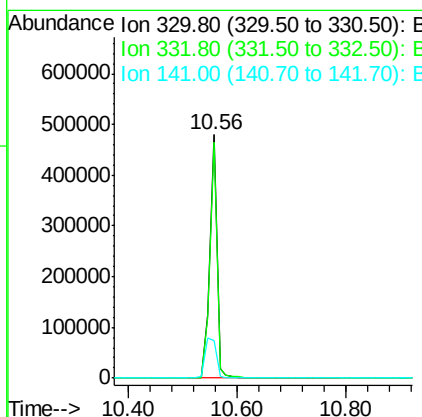
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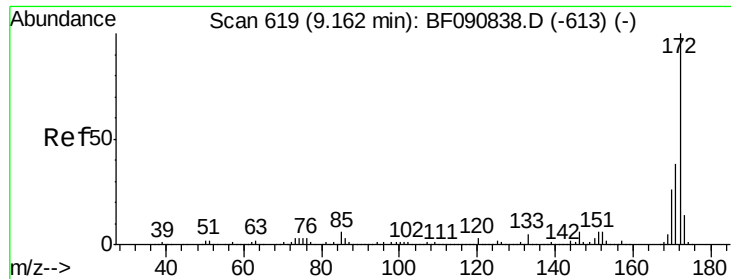
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#41
 2,4,6-Tribromophenol
 Concen: 141.02 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	442959		
332	96.5	76.6	114.8	
141	25.8	29.7	44.5	





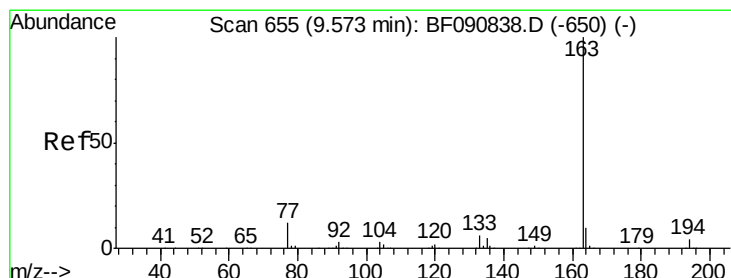
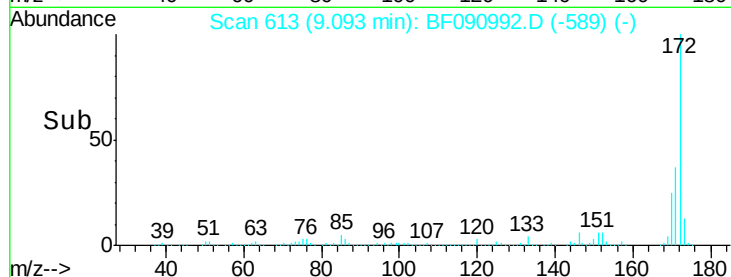
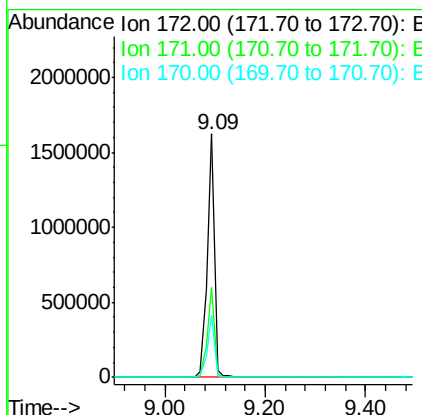
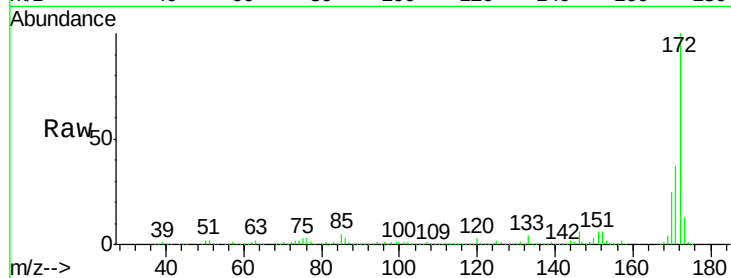
#44
2-Fluorobiphenyl
Concen: 92.88 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SB-94-1.0-1.5

Tgt Ion:172 Resp: 1616756
Ion Ratio Lower Upper
172 100
171 37.2 26.1 39.1
170 25.2 17.4 26.2

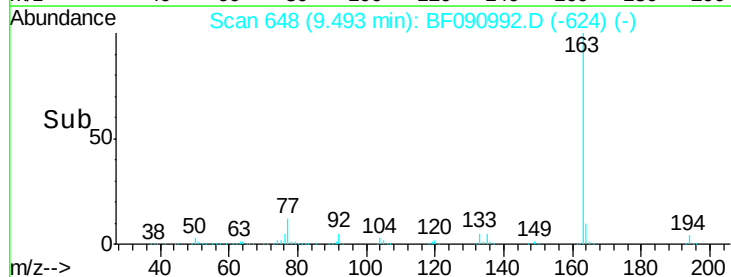
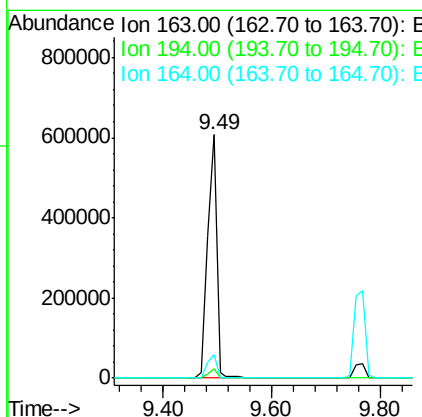
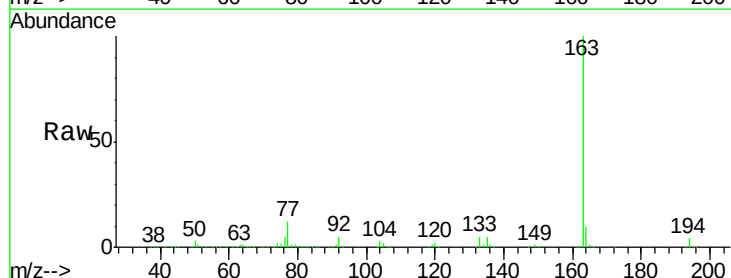
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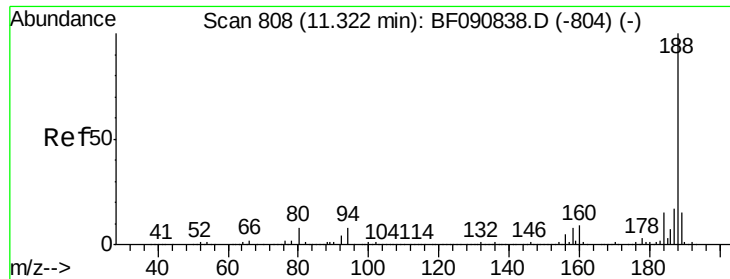
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#49
Dimethylphthalate
Concen: 34.10 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Tgt Ion:163 Resp: 696374
Ion Ratio Lower Upper
163 100
194 4.0 4.4 6.6#
164 9.8 8.3 12.5





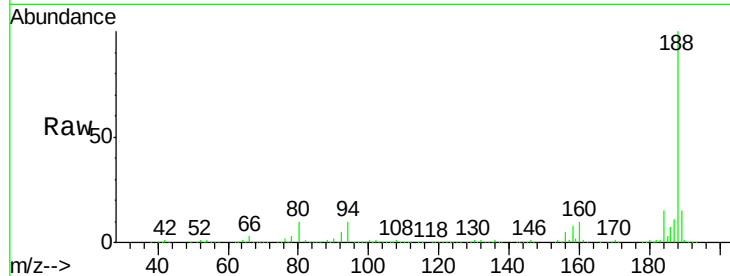
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-94-1.0-1.5

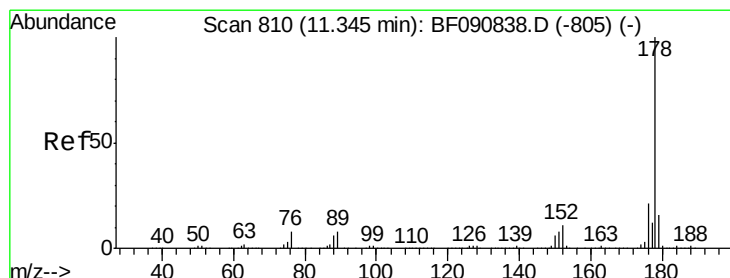
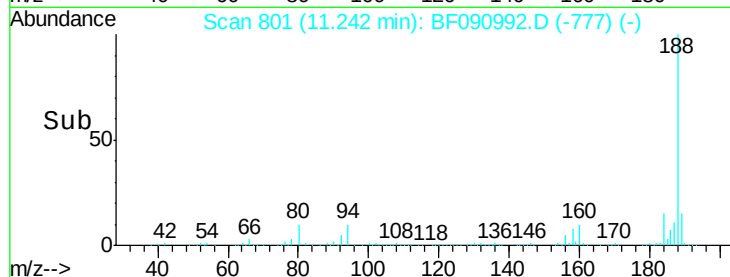
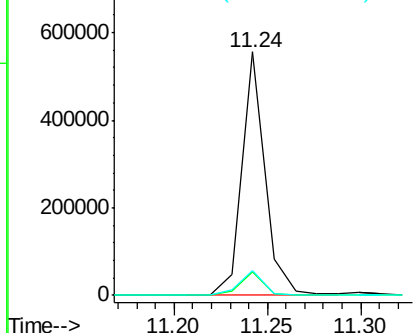
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	11.1	16.7#
80	10.4	11.0	16.4#

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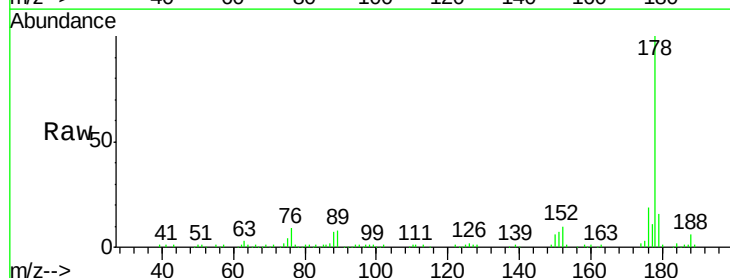


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

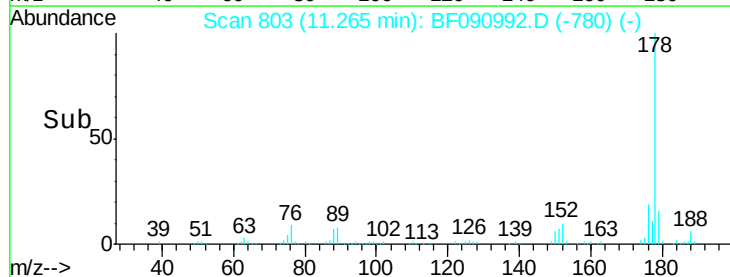
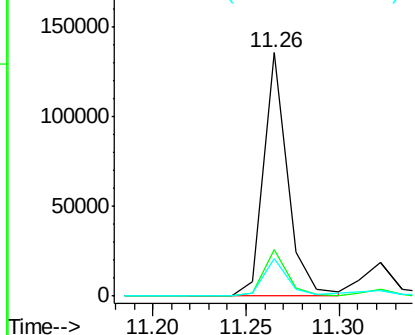


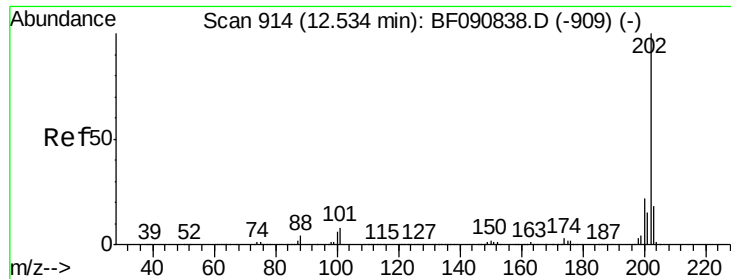
#70
 Phenanthrene
 Concen: 4.88 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.03 min
 Lab File: BF090992.D
 Acq: 2 Nov 2016 20:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.9	13.8	20.8
179	15.6	12.2	18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





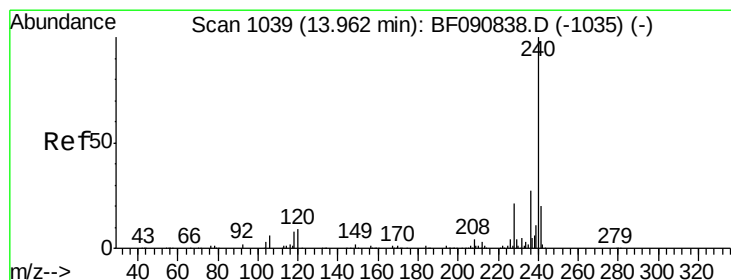
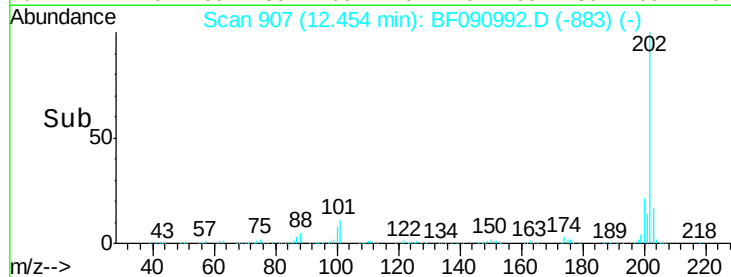
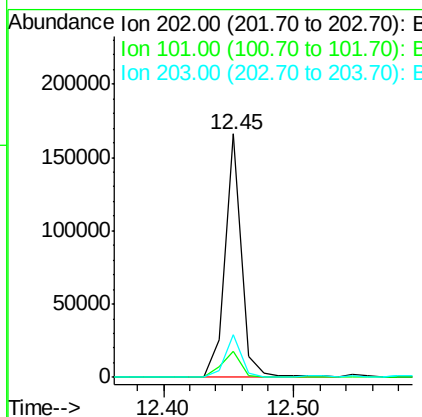
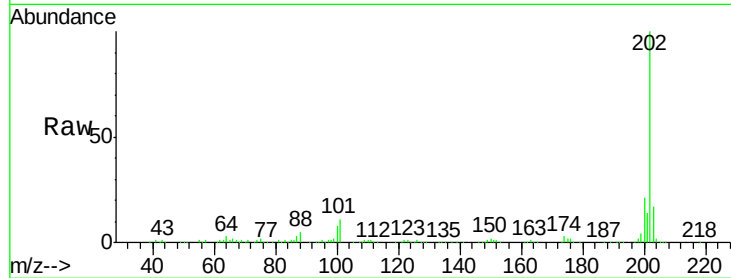
#74
Fluoranthene
Concen: 5.47 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SB-94-1.0-1.5

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	147020		
101	10.6	0.0	38.3	
203	17.4	0.0	37.3	

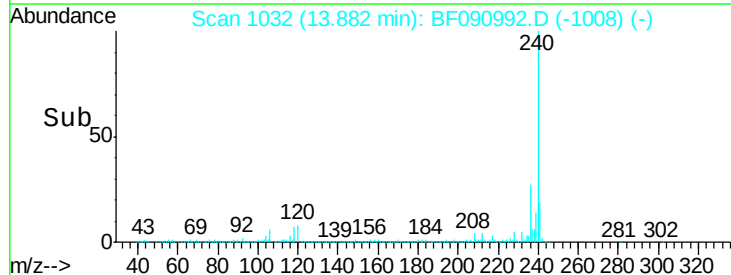
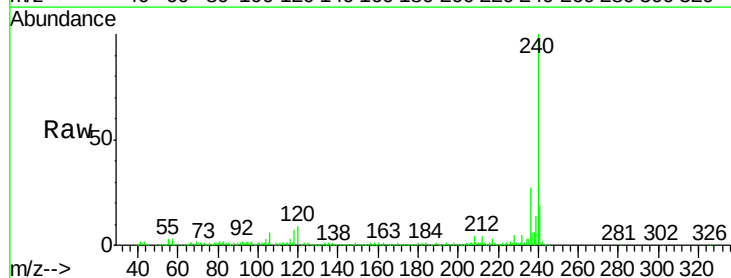
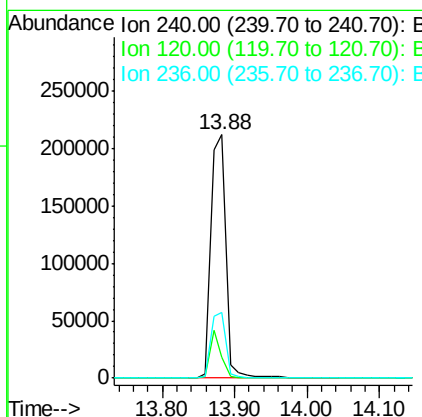
Manual Integrations
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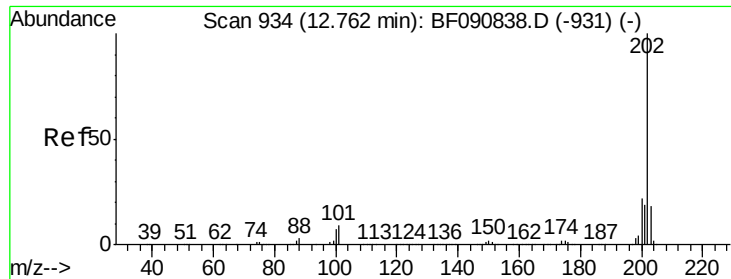
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	305022		
120	8.5	16.2	24.2#	
236	27.2	18.4	27.6	





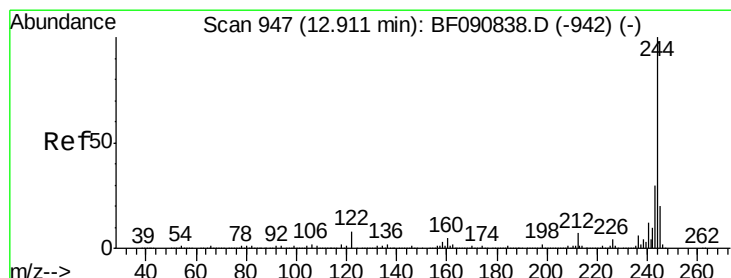
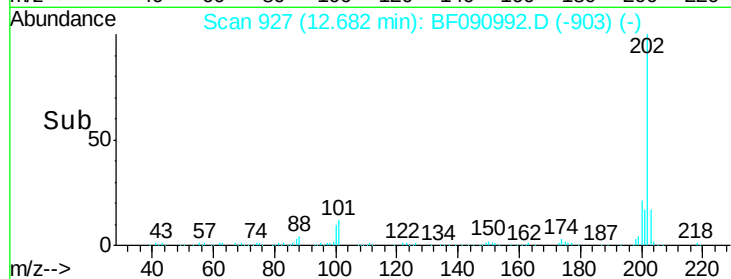
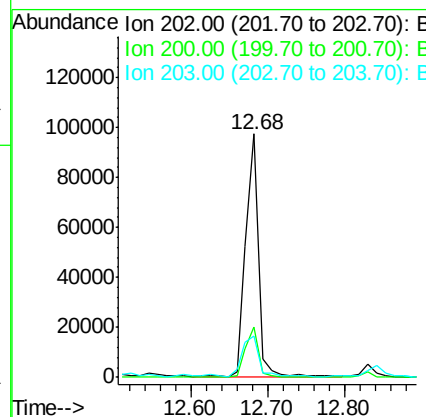
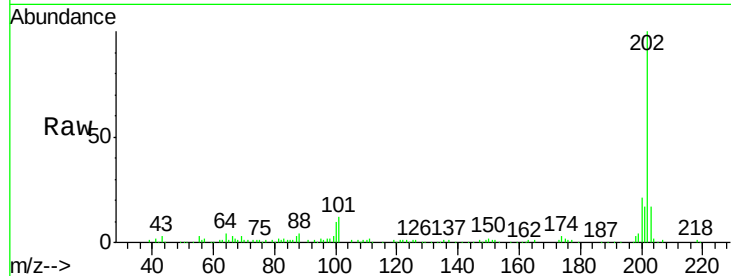
#77
Pyrene
Concen: 5.82 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SB-94-1.0-1.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.8	15.0	22.4
203	17.2	14.1	21.1

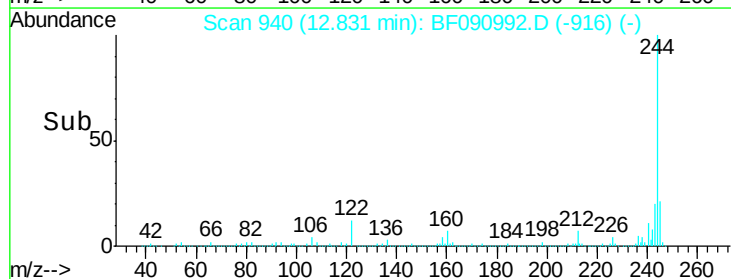
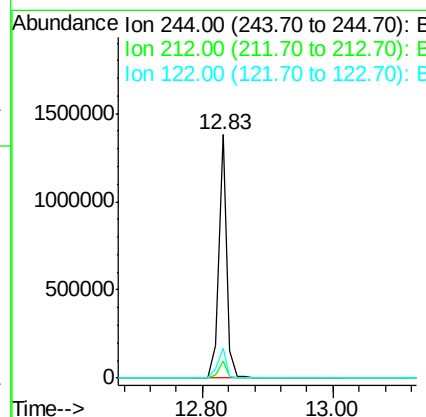
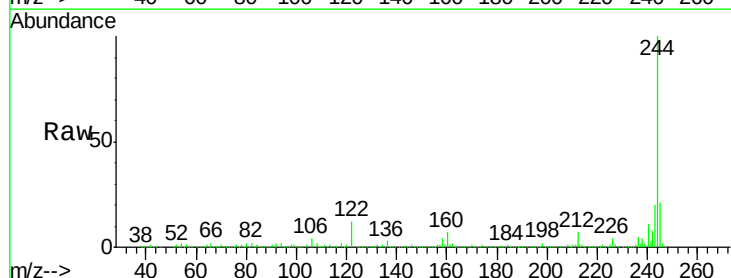
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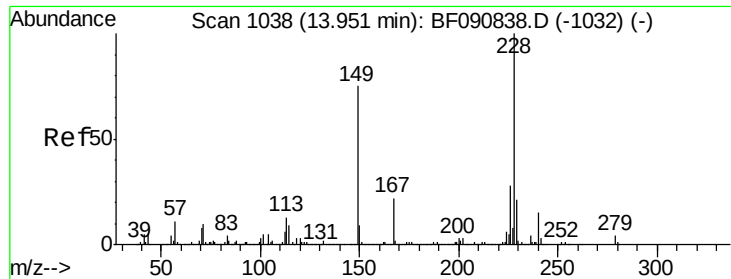
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#78
Terphenyl-d14
Concen: 99.52 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	4.3	6.5#
122	12.2	17.4	26.2#





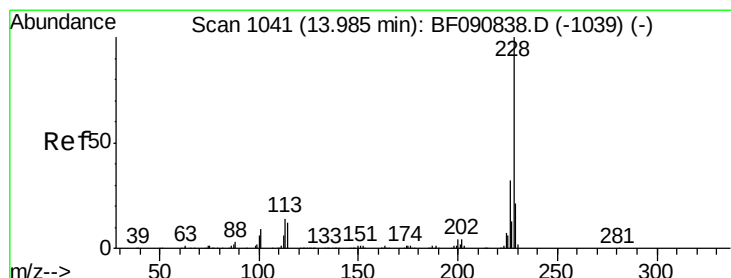
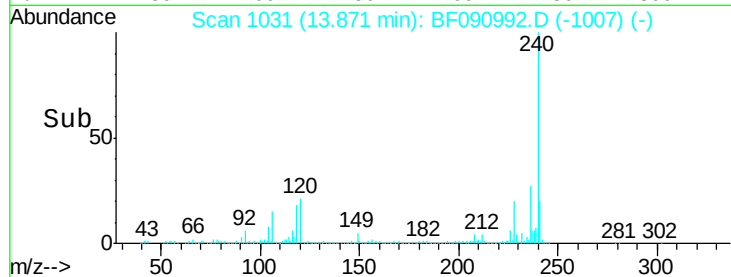
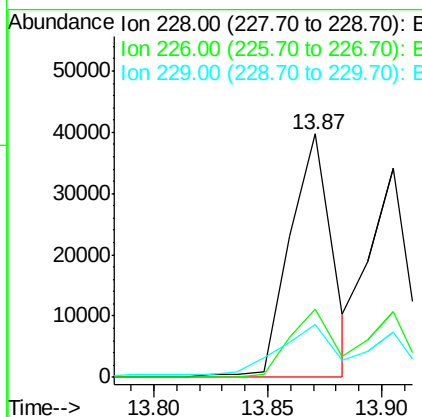
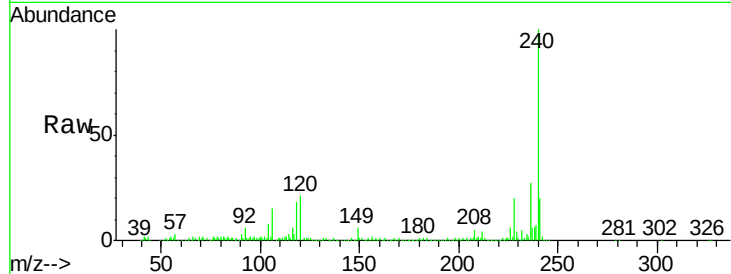
#80
Benzo(a)anthracene
Concen: 3.17 ng m
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Instrument :
BNA_F
ClientSampled :
SB-94-1.0-1.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.0	30.0
229	21.6	15.4	23.2

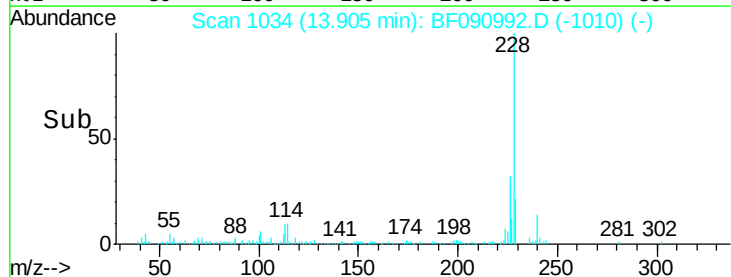
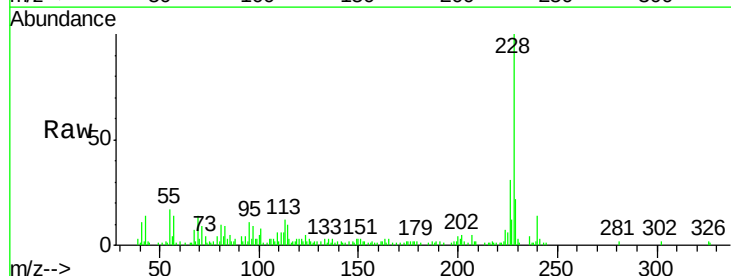
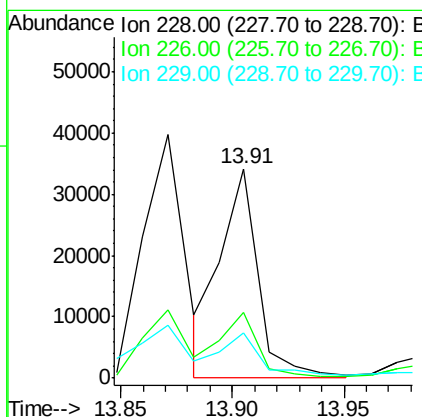
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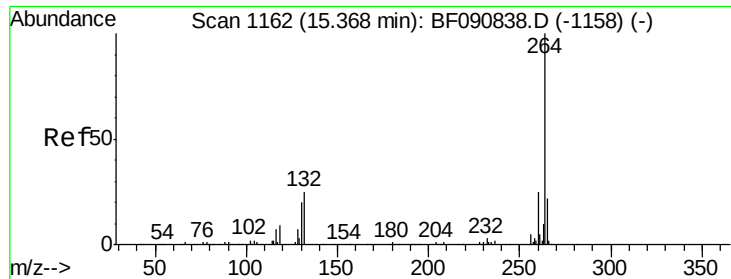
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#82
Chrysene
Concen: 2.54 ng m
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.0	31.4
229	21.7	15.6	23.4





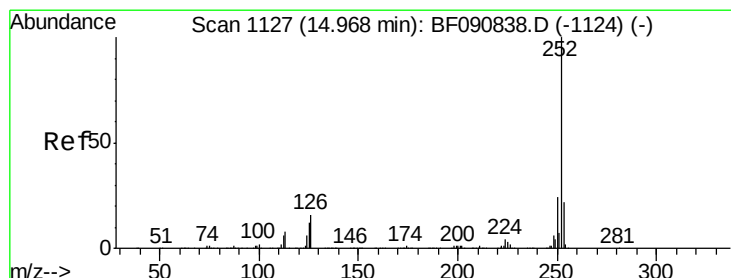
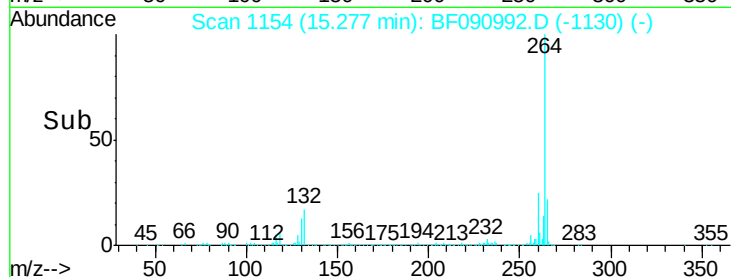
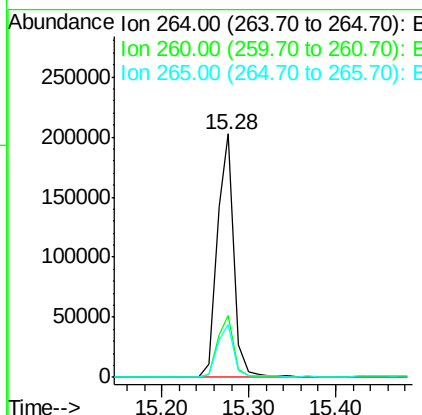
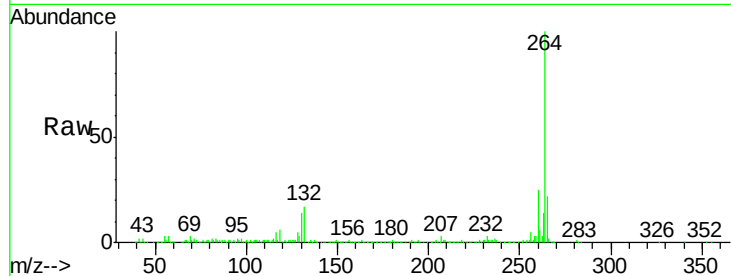
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Instrument :
BNA_F
ClientSampleId :
SB-94-1.0-1.5

Tgt Ion: 264 Resp: 273007
Ion Ratio Lower Upper
264 100
260 25.4 16.7 25.1#
265 21.8 17.2 25.8

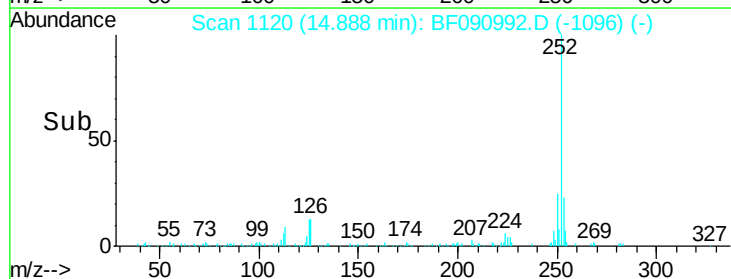
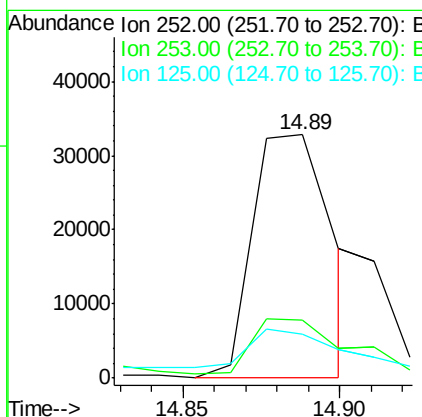
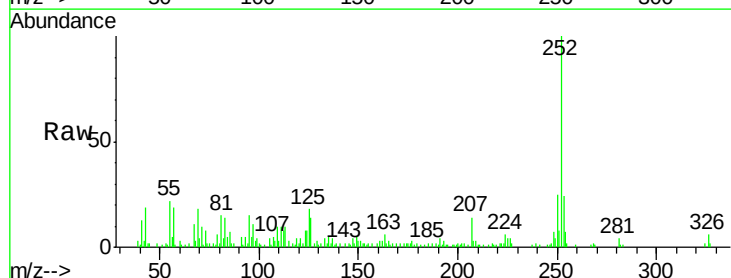
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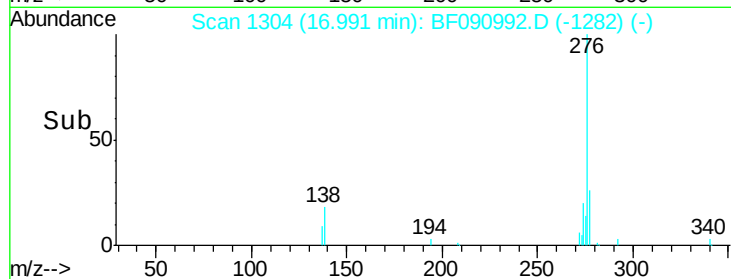
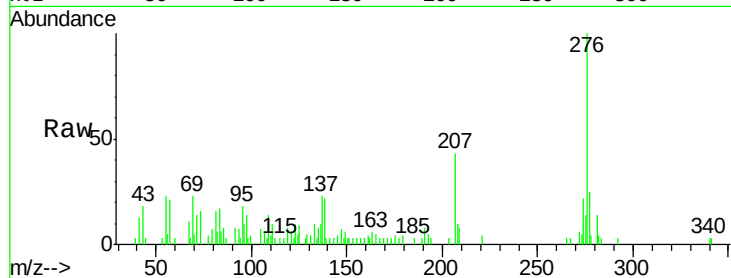
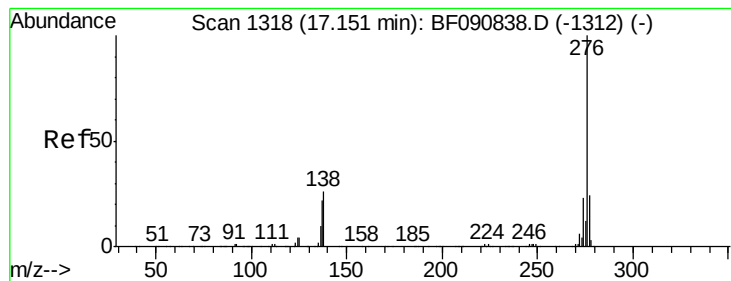
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#87
Benzo(b)fluoranthene
Concen: 3.16 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF090992.D
Acq: 2 Nov 2016 20:56

Tgt Ion: 252 Resp: 57919
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 17.8 17.1 25.7





#91

Benzo(g,h,i)perylene

Concen: 2.04 ng

RT: 16.99 min Scan# 1304

Delta R.T. -0.05 min

Lab File: BF090992.D

Acq: 2 Nov 2016 20:56

Instrument :

BNA_F

ClientSampleId :

SB-94-1.0-1.5

Tgt Ion:	276	Resp:	25700
Ion Ratio	Lower	Upper	
276	100		
277	24.9	17.8	26.6
138	22.1	34.6	51.8#

Manual Integrations
APPROVED

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