

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090905.D
 Acq On : 28 Oct 2016 13:00
 Operator : UM/SJ
 Sample : H5411-07 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-3.5-4.0

Manual Integrations
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Quant Time: Oct 28 15:22:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	179882	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	743011	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	404123	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	560707	20.00	ng	0.00
75) Chrysene-d12	13.92	240	372607	20.00	ng	-0.01
86) Perylene-d12	15.33	264	411033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	63024	6.13	ng	-0.01
7) Phenol-d6	6.40	99	114301	8.23	ng	-0.02
23) Nitrobenzene-d5	7.32	82	72303	6.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	6803	1.64	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	109748	4.77	ng	-0.01
78) Terphenyl-d14	12.87	244	58229	3.94	ng	-0.01
Target Compounds						
70) Phenanthrene	11.31	178	101619	3.56	ng	97
74) Fluoranthene	12.49	202	89996	2.88	ng	95
77) Pyrene	12.72	202	69932m	2.97	ng	

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

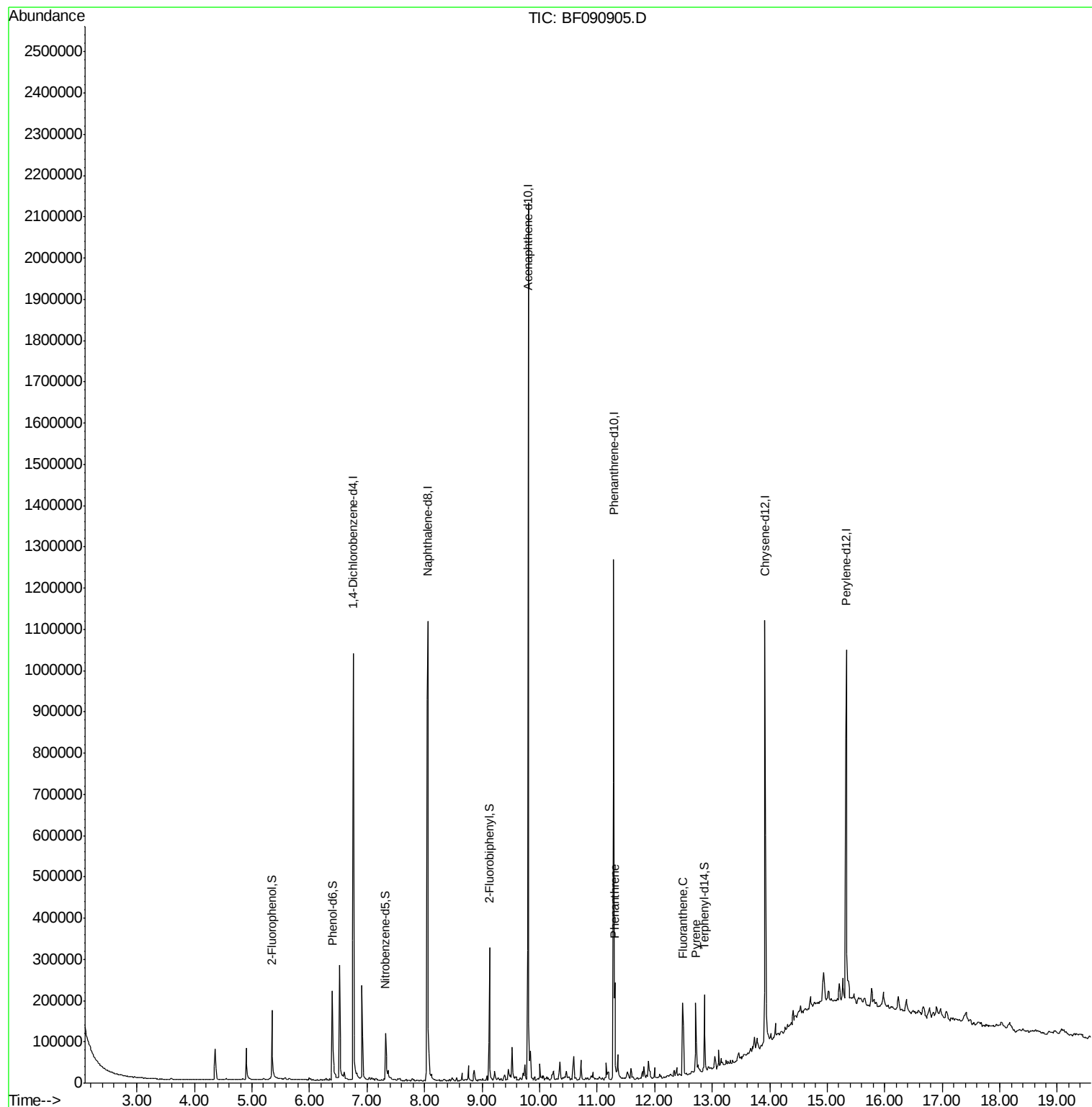
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
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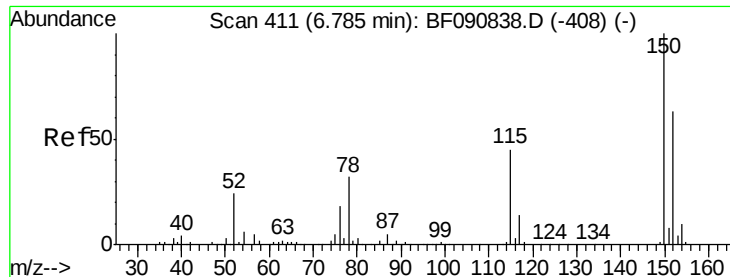
Instrument :
BNA_F
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SB-03-3.5-4.0

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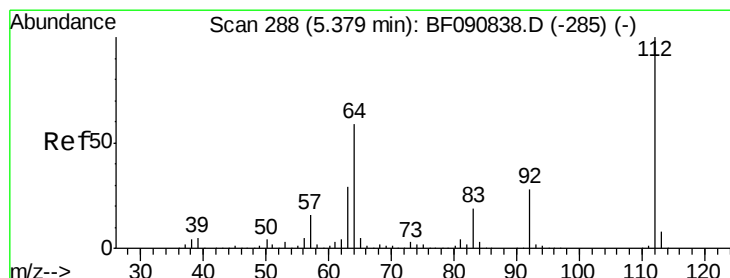
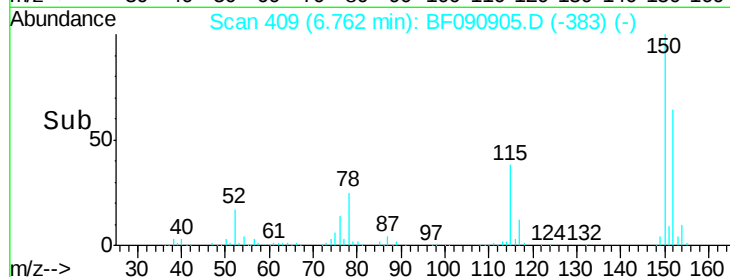
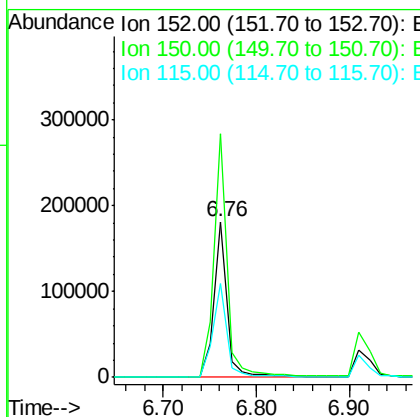
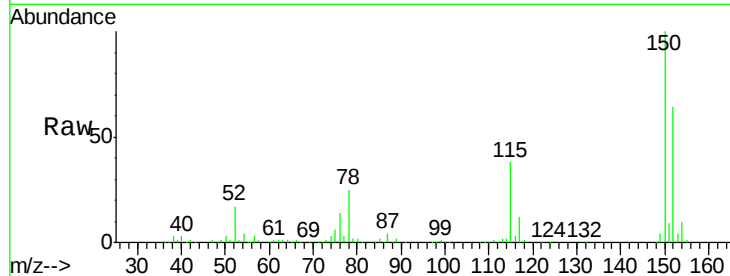
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF090905.D
 Acq: 28 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-3.5-4.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.7	187.1
115	60.1	39.0	58.4#

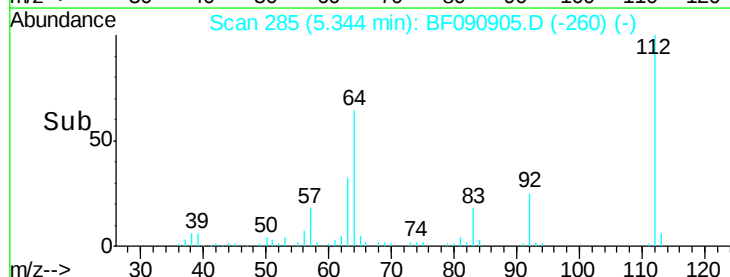
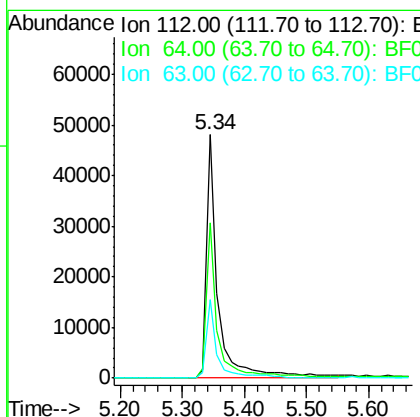
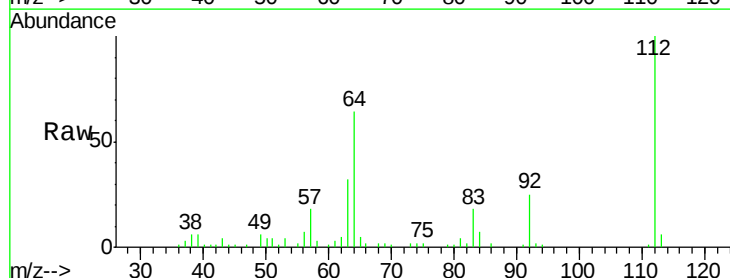
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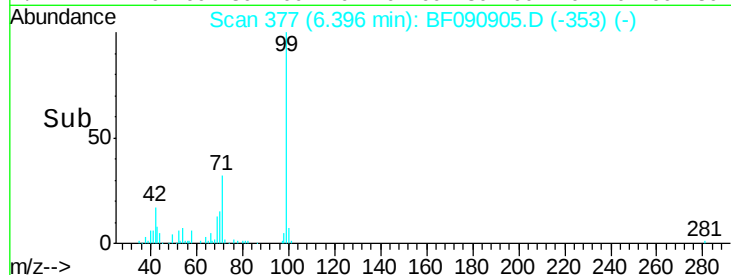
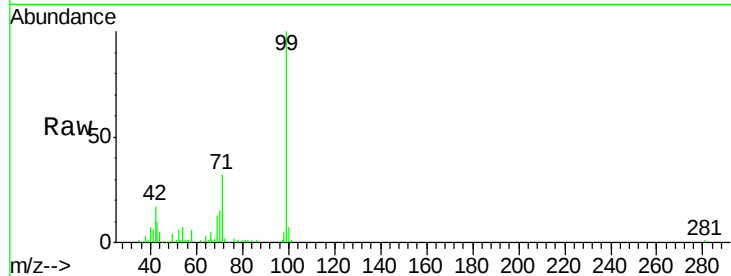
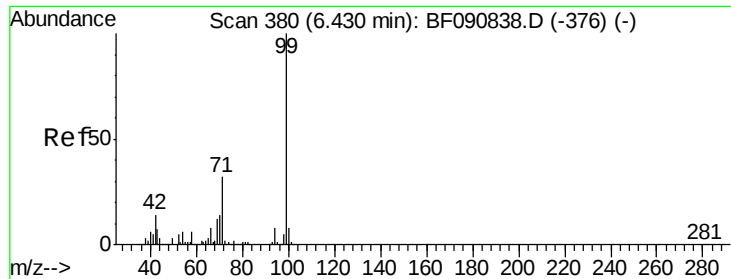
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#5
 2-Fluorophenol
 Concen: 6.13 ng
 RT: 5.34 min Scan# 285
 Delta R.T. -0.01 min
 Lab File: BF090905.D
 Acq: 28 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	39.7	59.5#
63	32.1	17.4	26.0#





#7

Phenol-d6

Concen: 8.23 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF090905.D

Acq: 28 Oct 2016 13:00

Tgt Ion:	99	Resp:	114301
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.7	20.5
71	32.4	14.2	21.2#

Instrument :

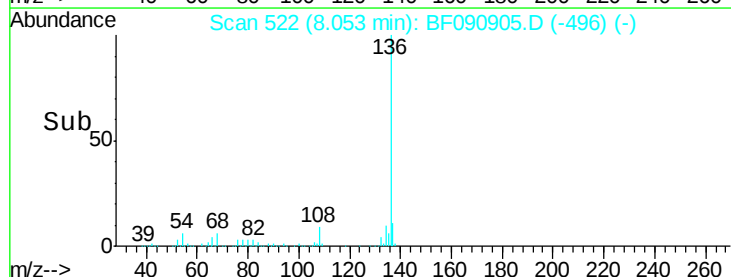
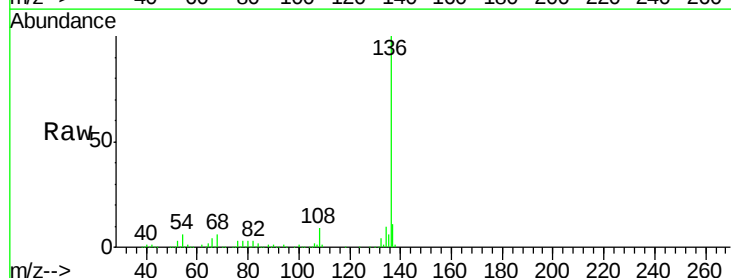
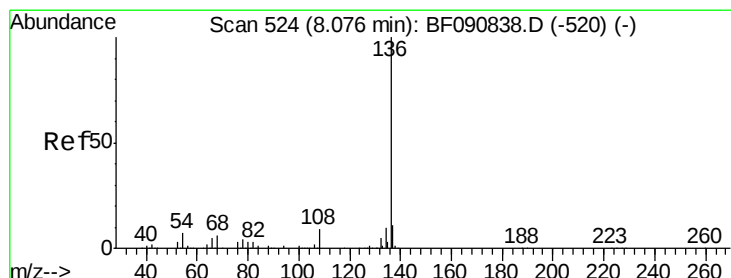
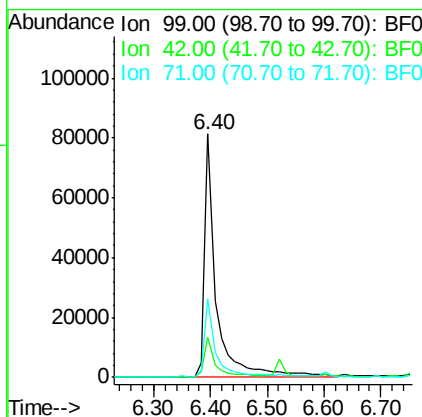
BNA_F

ClientSampled :

SB-03-3.5-4.0

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#21

Naphthalene-d8

Concen: 20.00 ng

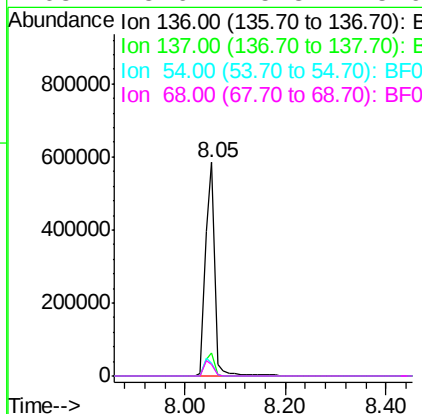
RT: 8.05 min Scan# 522

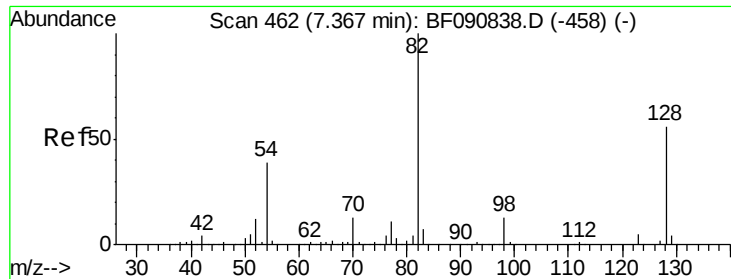
Delta R.T. 0.00 min

Lab File: BF090905.D

Acq: 28 Oct 2016 13:00

Tgt Ion:	136	Resp:	743011
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	6.0	8.2	12.2#
68	5.6	5.8	8.6#





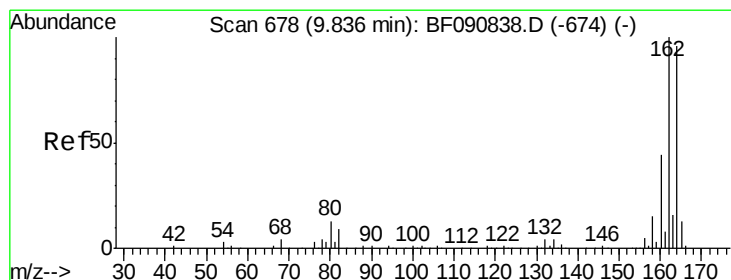
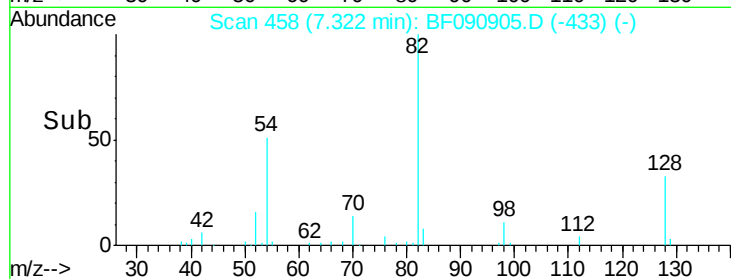
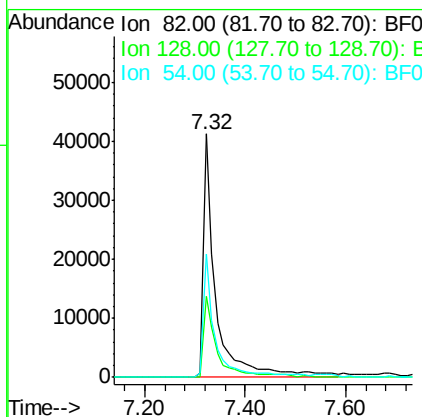
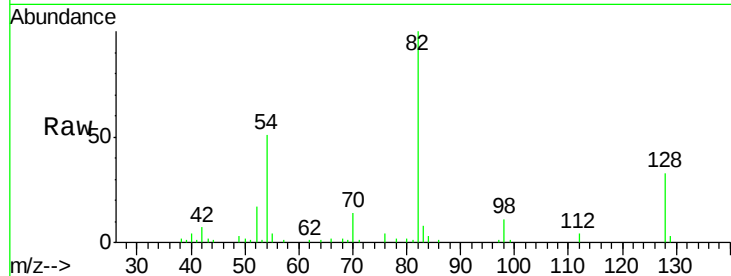
#23
Nitrobenzene-d5
Concen: 6.37 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF090905.D
Acq: 28 Oct 2016 13:00

Instrument :
BNA_F
ClientSampled :
SB-03-3.5-4.0

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.2	51.0	76.6#
54	50.6	47.5	71.3

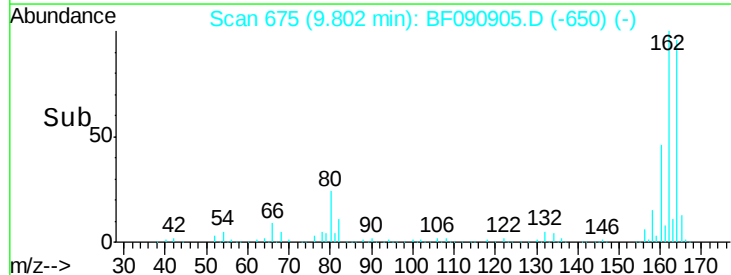
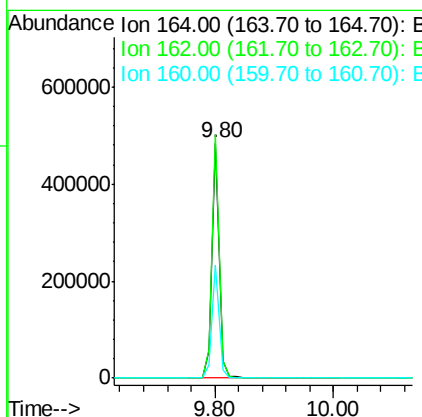
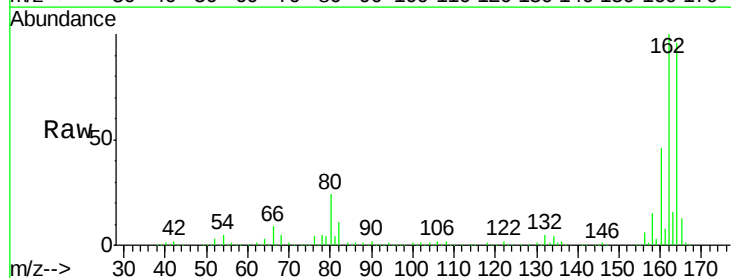
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF090905.D
Acq: 28 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	75.2	112.8
160	48.0	31.5	47.3#





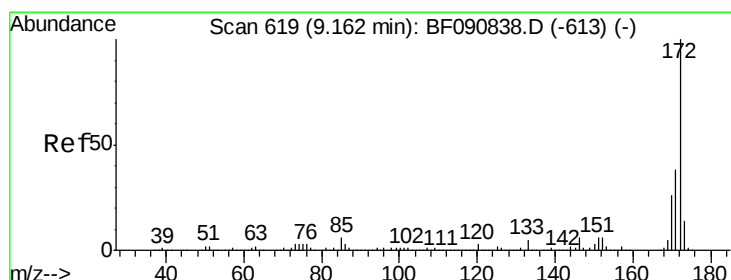
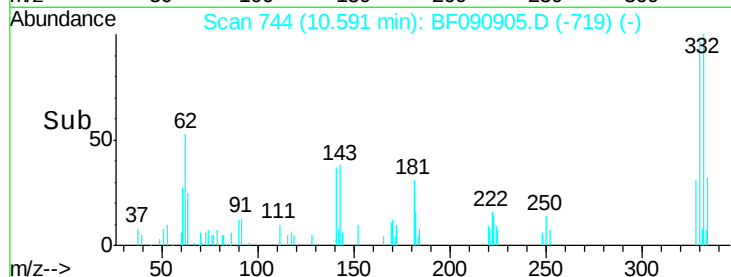
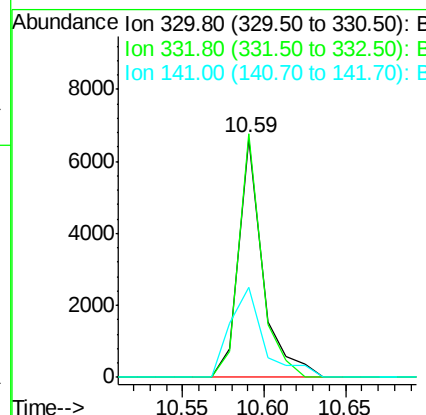
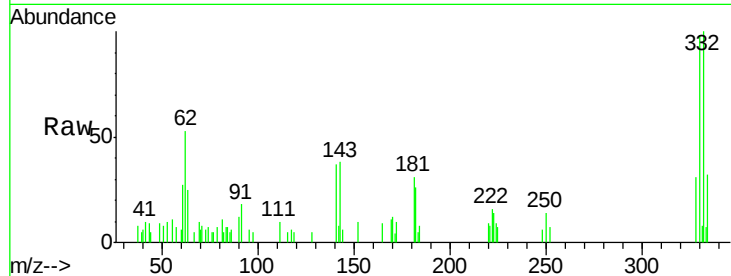
#41
 2,4,6-Tribromophenol
 Concen: 1.64 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090905.D
 Acq: 28 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-3.5-4.0

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	6803		
332	94.9	76.6	114.8	
141	52.5	29.7	44.5#	

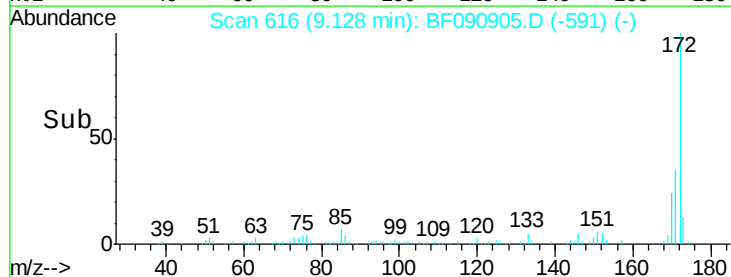
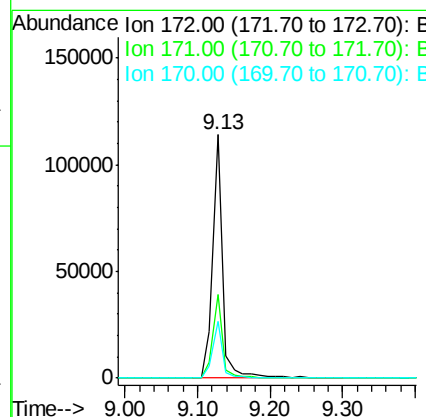
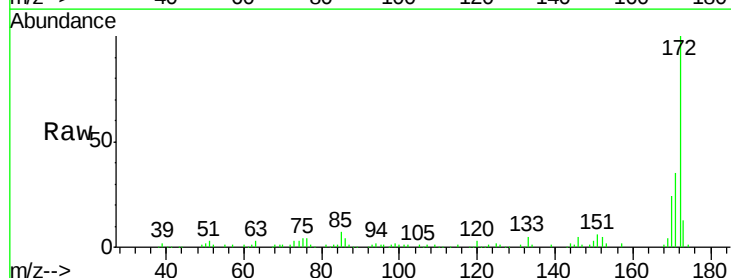
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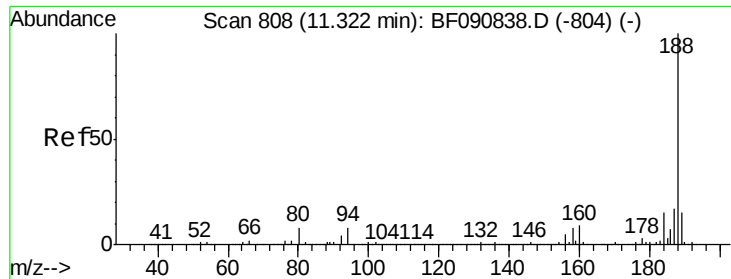
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#44
 2-Fluorobiphenyl
 Concen: 4.77 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090905.D
 Acq: 28 Oct 2016 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	109748		
171	34.5	26.1	39.1	
170	23.5	17.4	26.2	





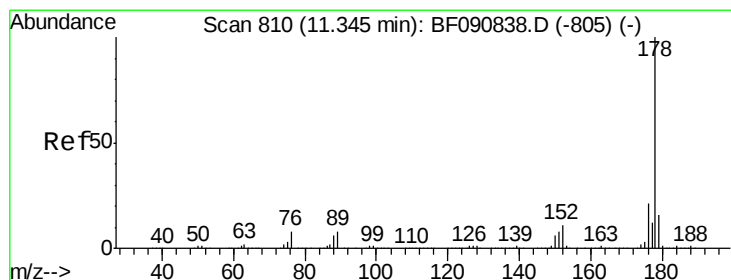
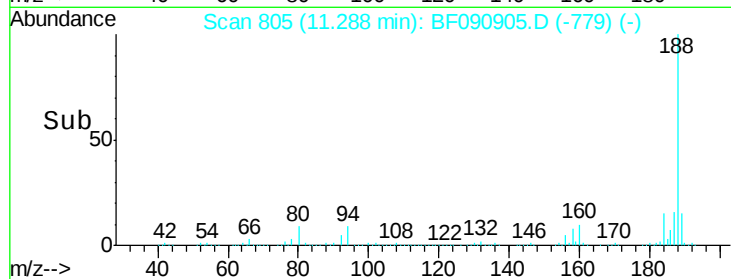
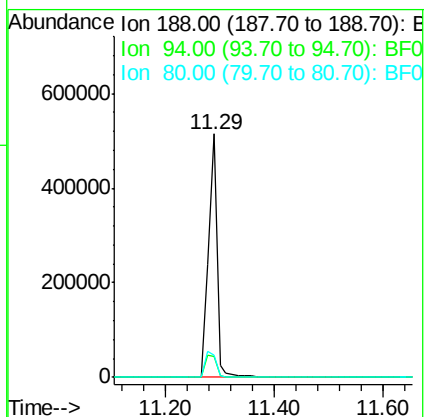
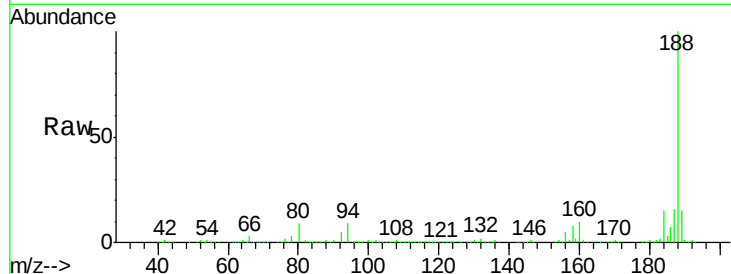
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090905.D
Acq: 28 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SB-03-3.5-4.0

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	11.1	16.7#
80	9.3	11.0	16.4#

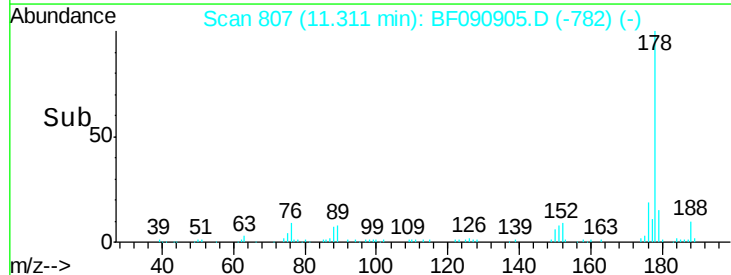
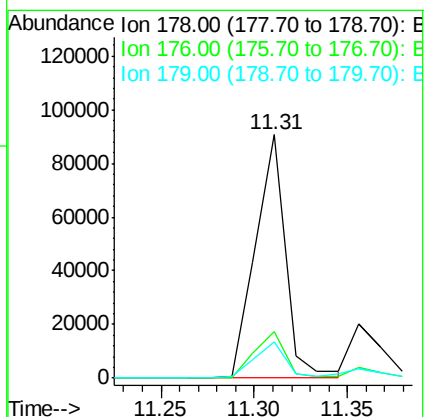
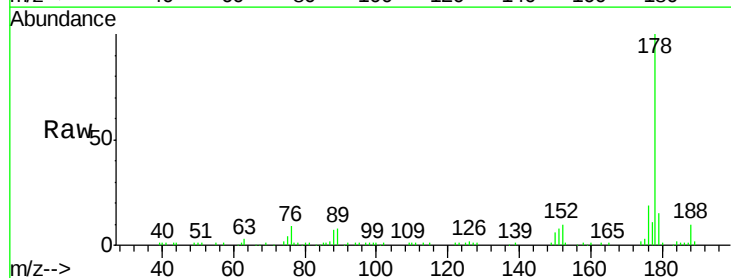
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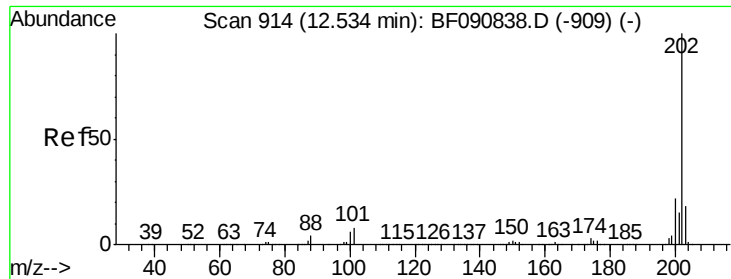
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#70
Phenanthrene
Concen: 3.56 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090905.D
Acq: 28 Oct 2016 13:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.2	13.8	20.8
179	14.9	12.2	18.2





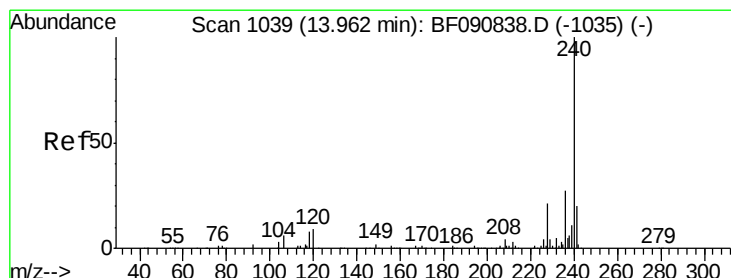
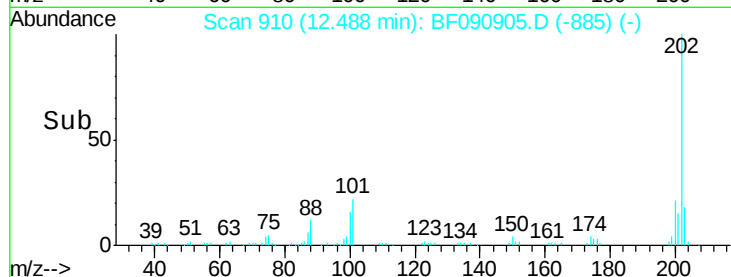
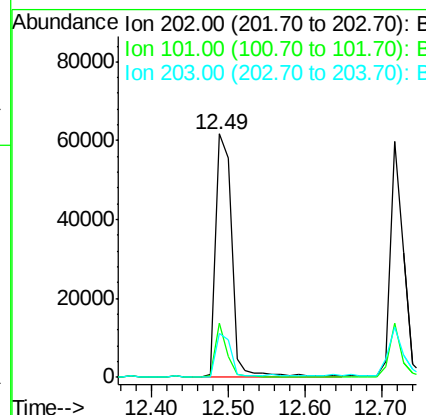
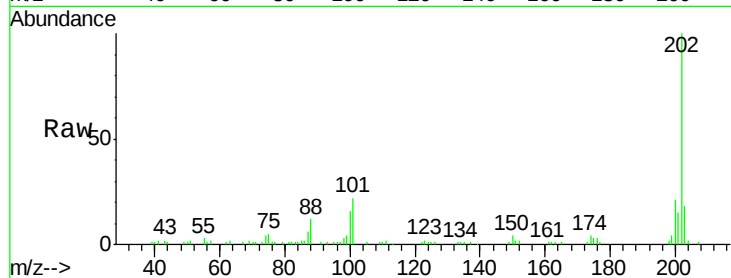
#74
 Fluoranthene
 Concen: 2.88 ng
 RT: 12.49 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF090905.D
 Acq: 28 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-3.5-4.0

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	22.1	0.0	38.3
203	18.2	0.0	37.3

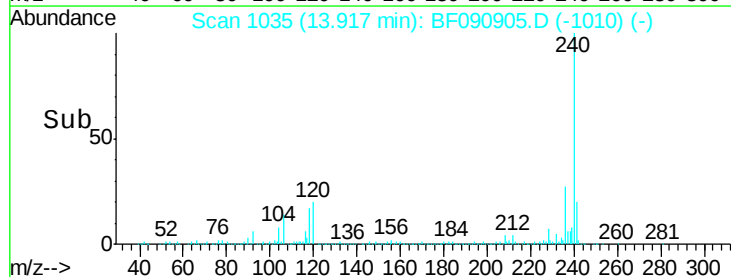
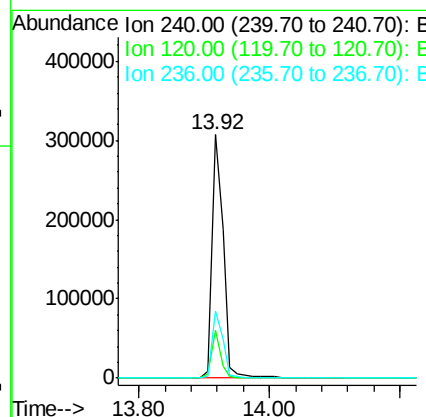
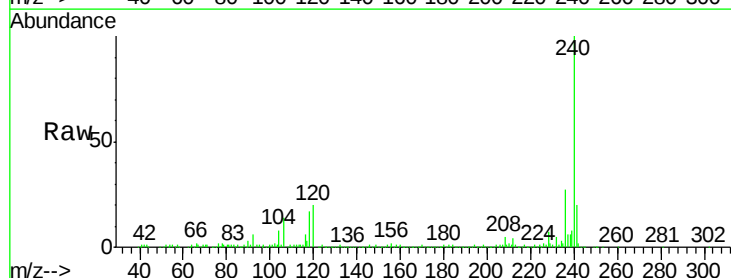
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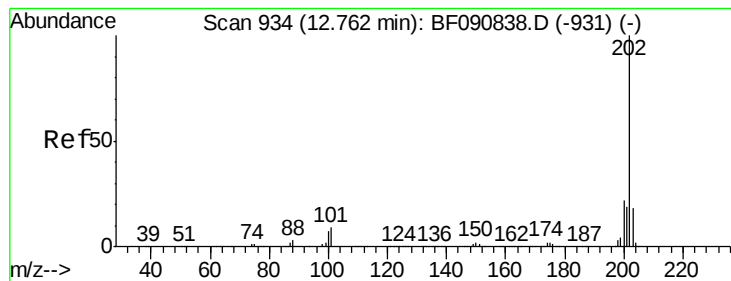
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090905.D
 Acq: 28 Oct 2016 13:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	19.5	16.2	24.2
236	27.4	18.4	27.6





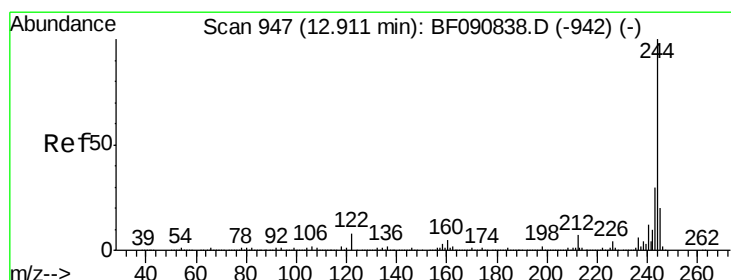
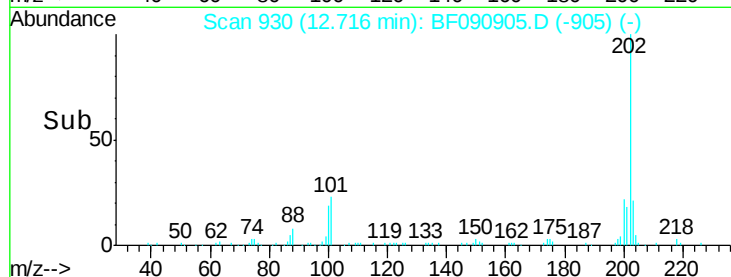
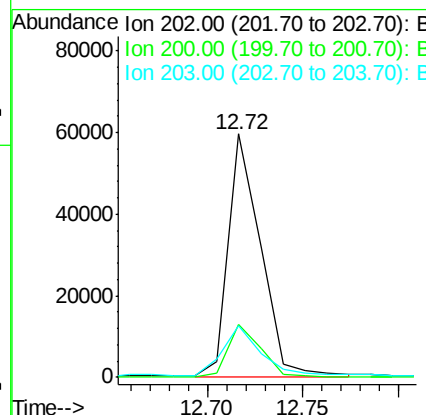
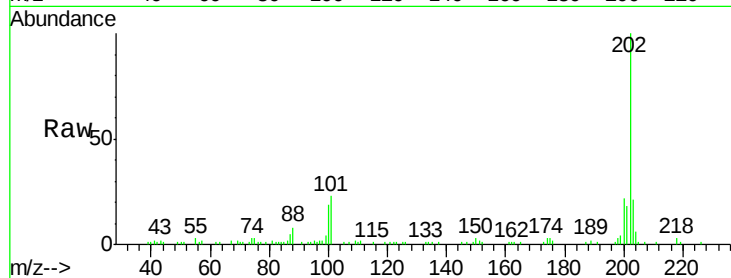
#77
 Pyrene
 Concen: 2.97 ng m
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF090905.D
 Acq: 28 Oct 2016 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-3.5-4.0

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.0	22.4
203	21.3	14.1	21.1#

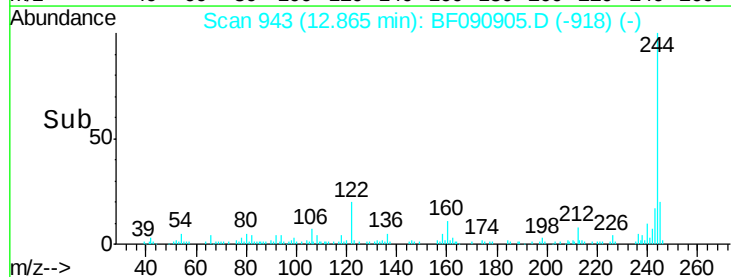
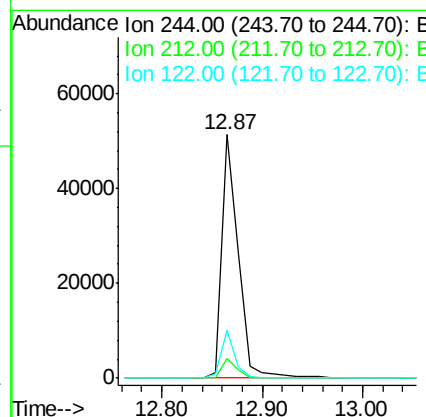
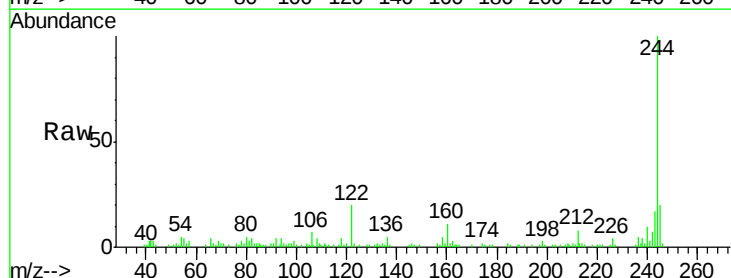
Manual Integrations
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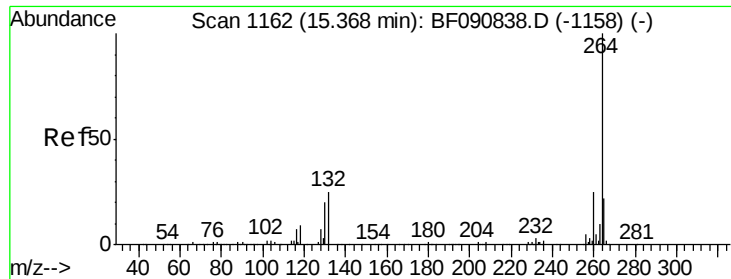
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#78
 Terphenyl-d14
 Concen: 3.94 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF090905.D
 Acq: 28 Oct 2016 13:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	19.7	17.4	26.2





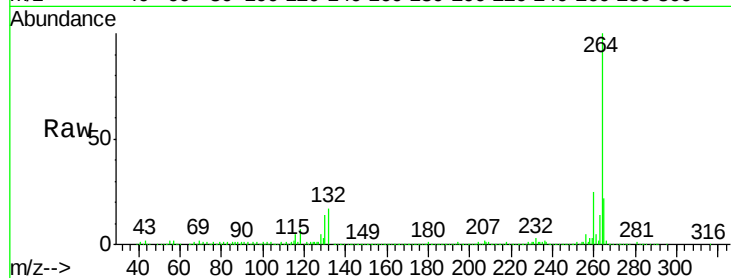
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF090905.D
Acq: 28 Oct 2016 13:00

Instrument :
BNA_F
ClientSampleId :
SB-03-3.5-4.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	22.0	17.2	25.8

Manual Integrations
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sohil
11/1/2016 7:08:00 PM



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

