

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090906.D
 Acq On : 28 Oct 2016 13:27
 Operator : UM/SJ
 Sample : H5423-07 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP(0-16FEET)

Manual Integrations
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Quant Time: Oct 28 15:26:03 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	166447	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	668366	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	364881	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	498564	20.00	ng	0.00
75) Chrysene-d12	13.92	240	378178	20.00	ng	-0.01
86) Perylene-d12	15.33	264	410654	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	450366	47.31	ng	-0.01
7) Phenol-d6	6.40	99	707864	55.11	ng	-0.02
23) Nitrobenzene-d5	7.32	82	436368	42.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	79010	21.07	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	694924	33.44	ng	-0.01
78) Terphenyl-d14	12.88	244	458843	30.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	216921	8.90	ng	Qvalue # 96
74) Fluoranthene	12.49	202	76490	2.75	ng	96
77) Pyrene	12.72	202	95550	3.99	ng	93
80) Benzo(a)anthracene	13.92	228	55296m	2.76	ng	
82) Chrysene	13.95	228	43240m	2.13	ng	
87) Benzo(b)fluoranthene	14.93	252	58824m	2.13	ng	

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

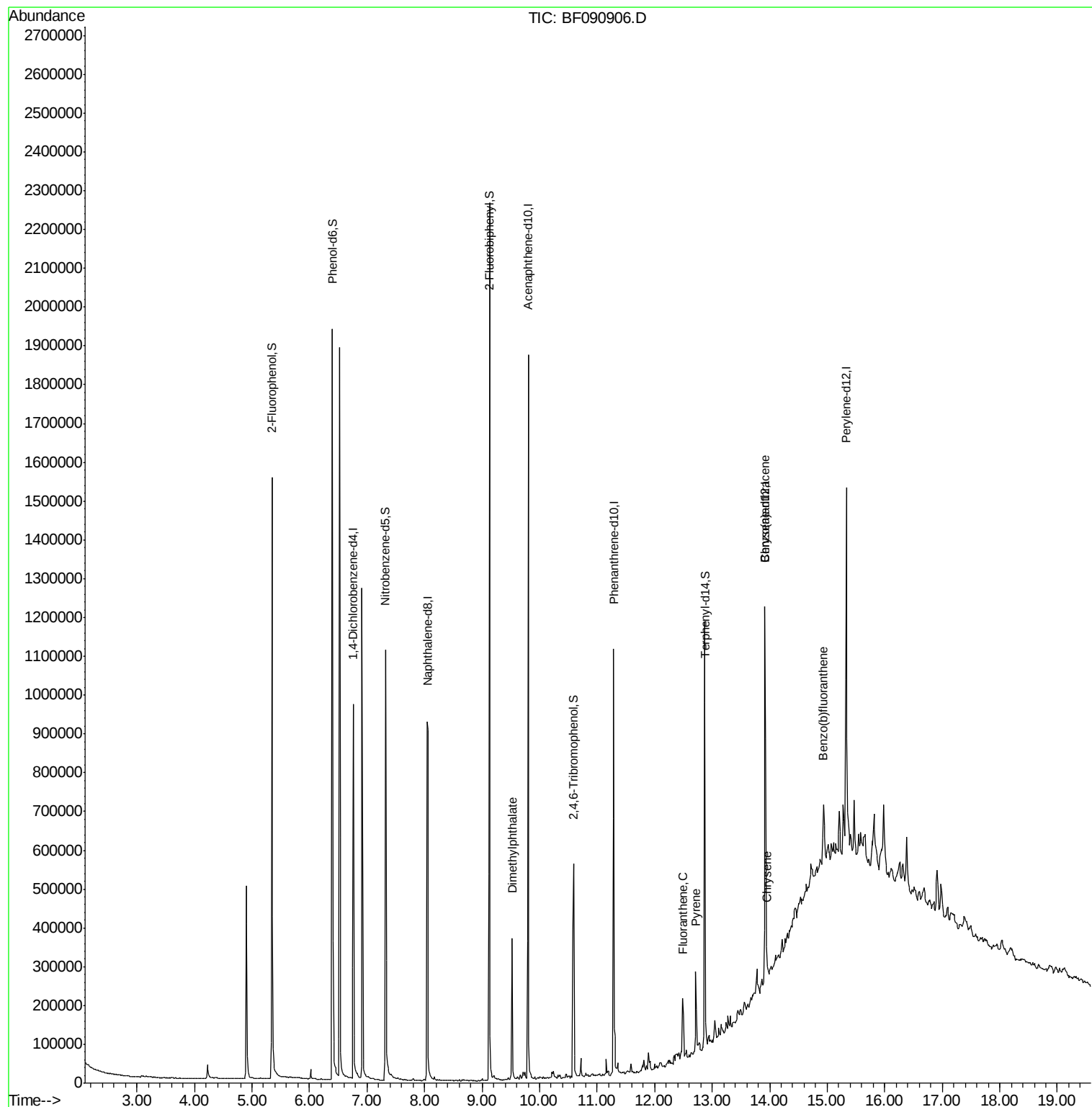
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090906.D

Acq: 28 Oct 2016 13:27

Instrument :

BNA_F

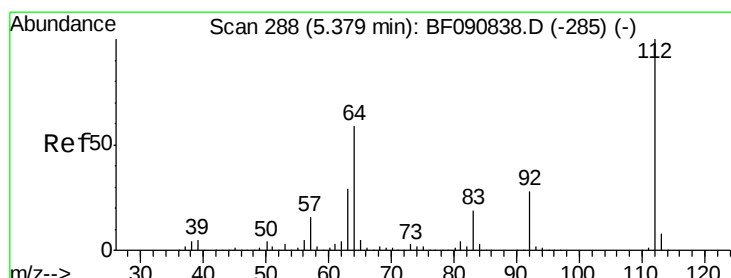
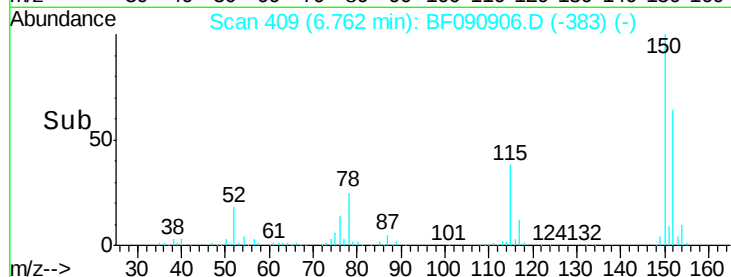
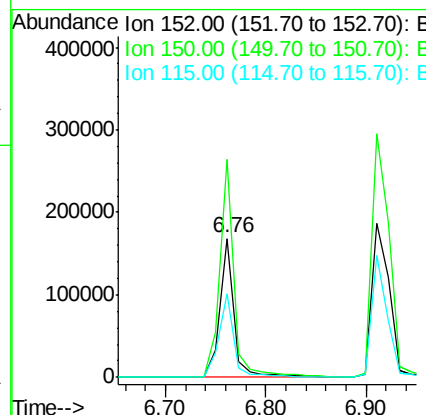
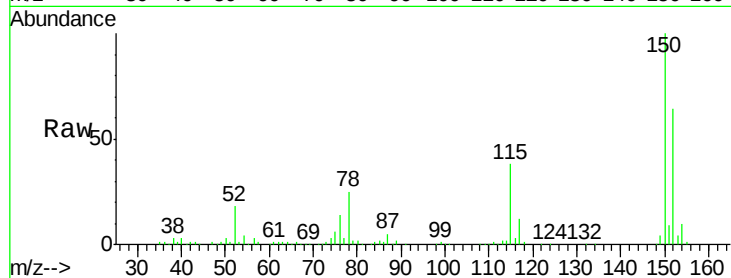
ClientSampleId :

SB-4COMP(0-16FEET)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.7	187.1
115	59.7	39.0	58.4#

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#5

2-Fluorophenol

Concen: 47.31 ng

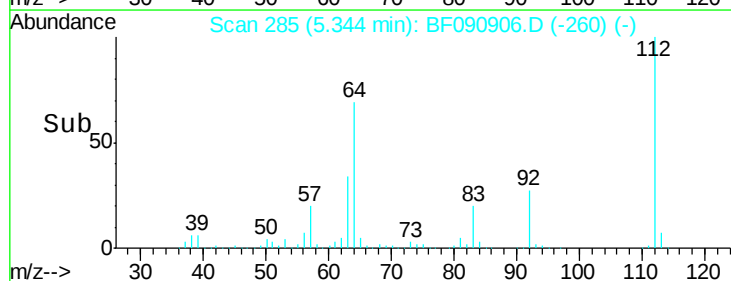
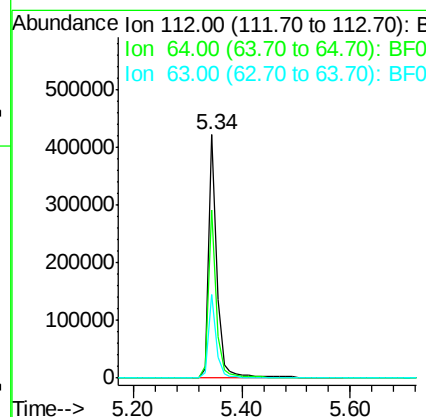
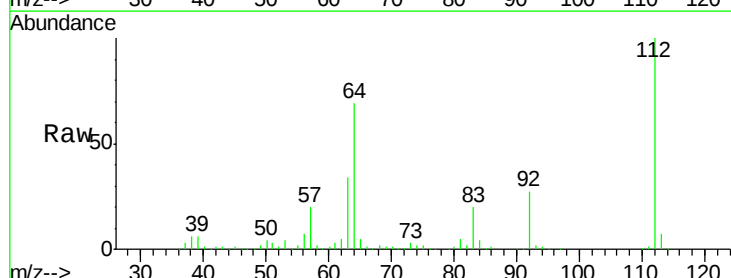
RT: 5.34 min Scan# 285

Delta R.T. -0.01 min

Lab File: BF090906.D

Acq: 28 Oct 2016 13:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	39.7	59.5#
63	34.2	17.4	26.0#





#7

Phenol-d6

Concen: 55.11 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF090906.D

Acq: 28 Oct 2016 13:27

Instrument :

BNA_F

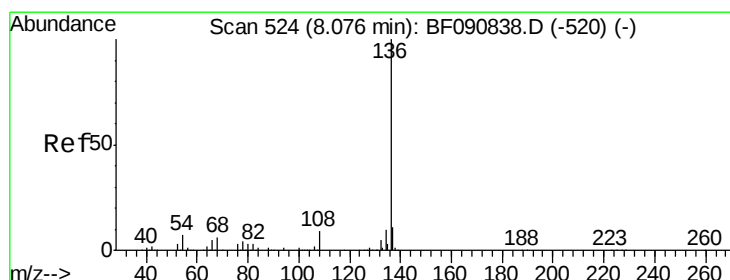
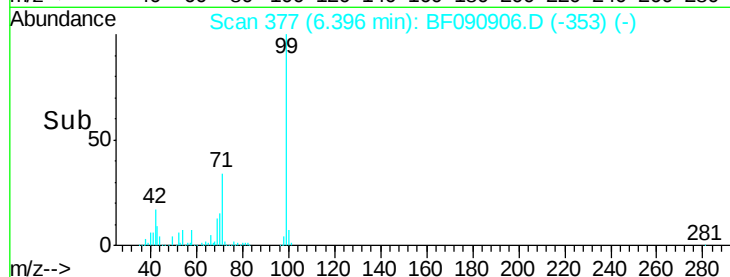
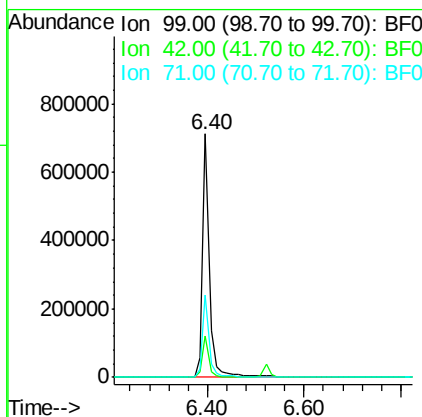
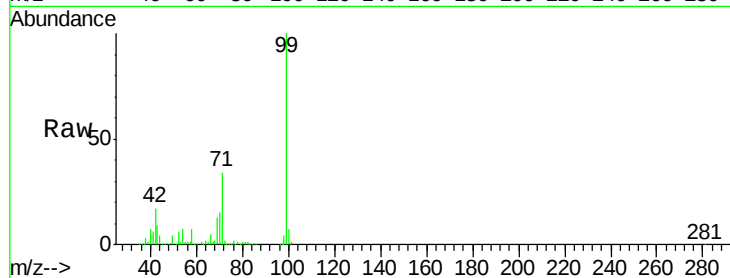
ClientSampleId :

SB-4COMP(0-16FEET)

Tgt Ion:	99	Resp:	707864
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.7	20.5
71	33.8	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

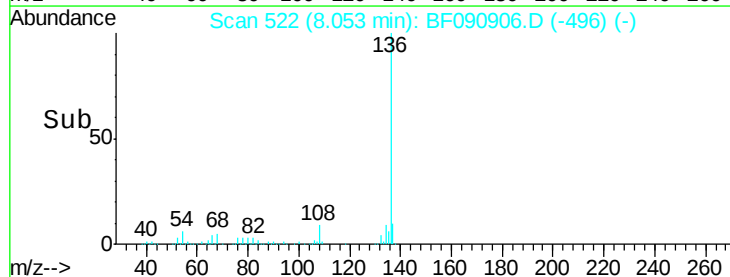
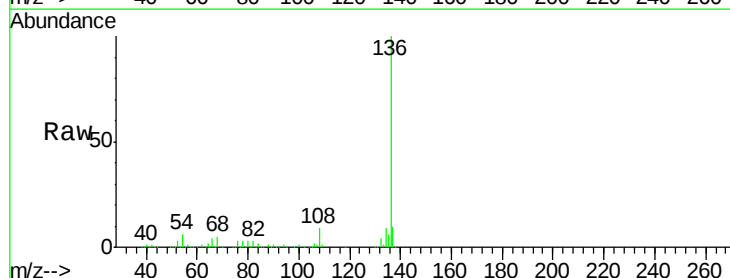
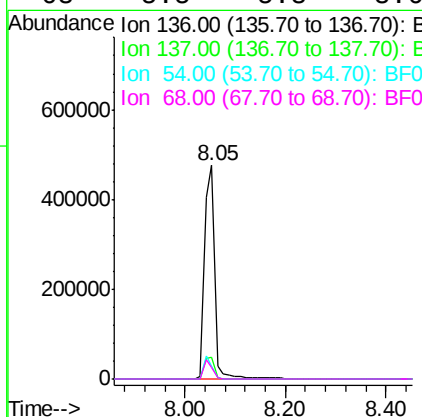
RT: 8.05 min Scan# 522

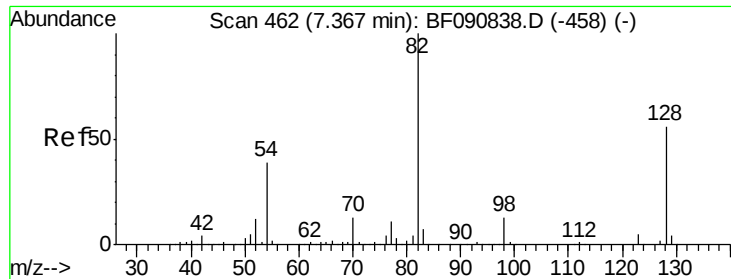
Delta R.T. 0.00 min

Lab File: BF090906.D

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Tgt Ion:	136	Resp:	668366
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.0	13.6
54	6.1	8.2	12.2#
68	5.5	5.8	8.6#





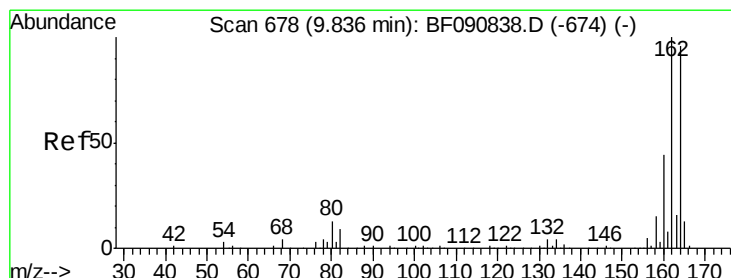
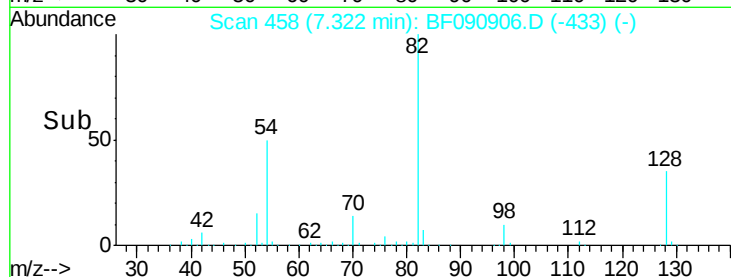
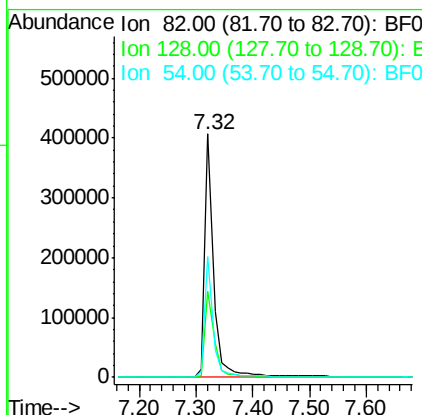
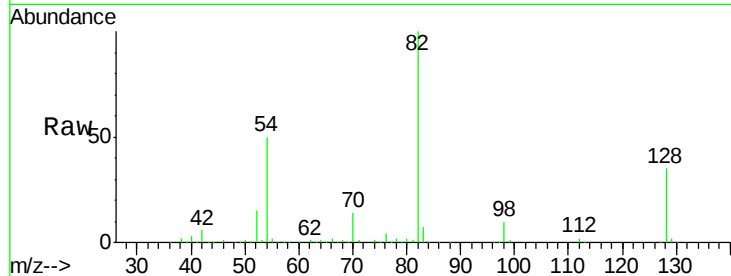
#23
 Nitrobenzene-d5
 Concen: 42.74 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF090906.D
 Acq: 28 Oct 2016 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP(0-16FEET)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	51.0	76.6#
54	49.5	47.5	71.3

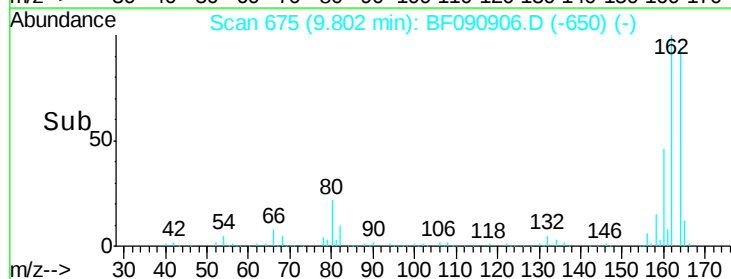
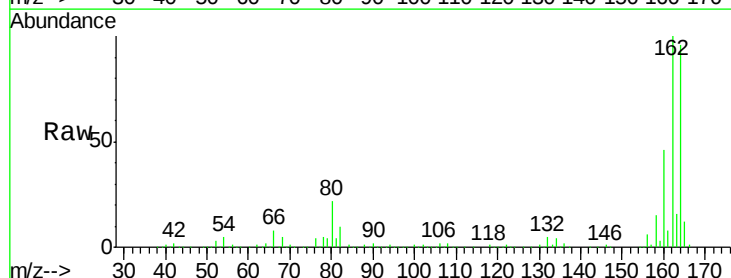
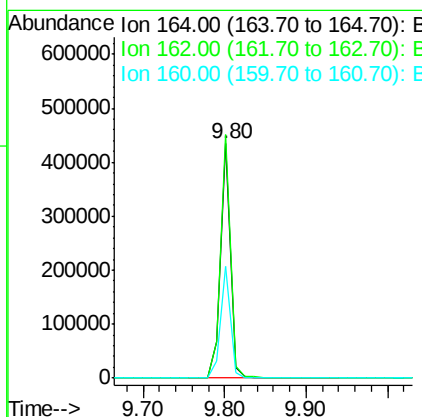
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF090906.D
 Acq: 28 Oct 2016 13:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	75.2	112.8
160	48.0	31.5	47.3#





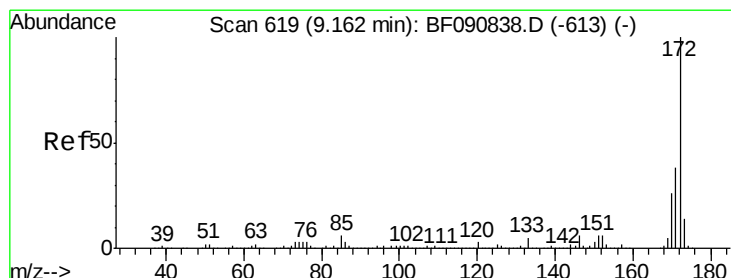
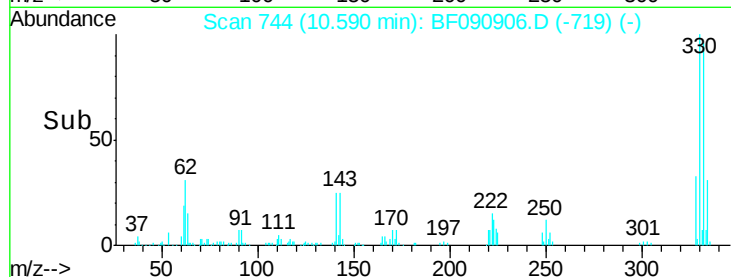
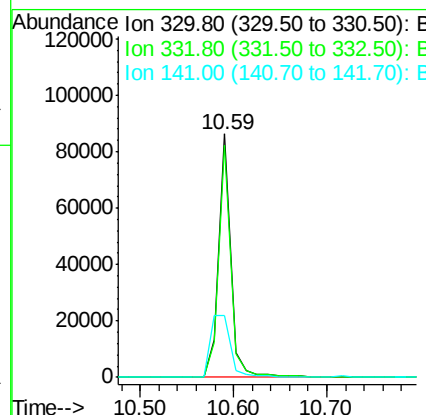
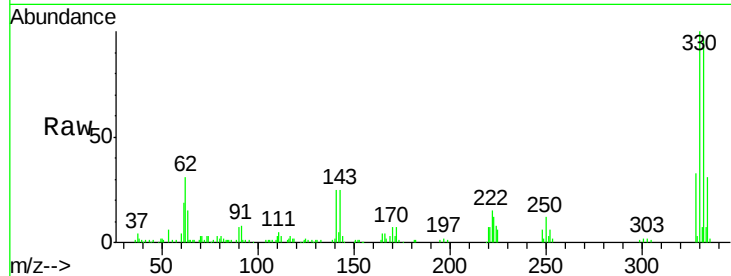
#41
 2,4,6-Tribromophenol
 Concen: 21.07 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090906.D
 Acq: 28 Oct 2016 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP(0-16FEET)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	79010		
332	94.8	76.6	114.8	
141	43.1	29.7	44.5	

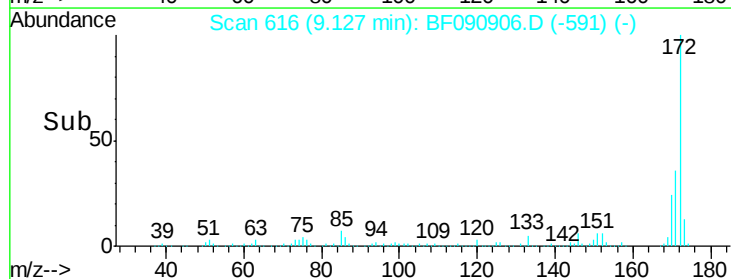
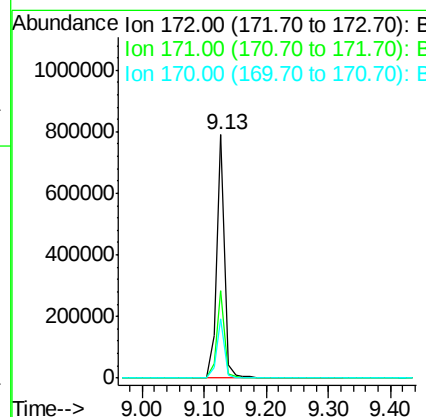
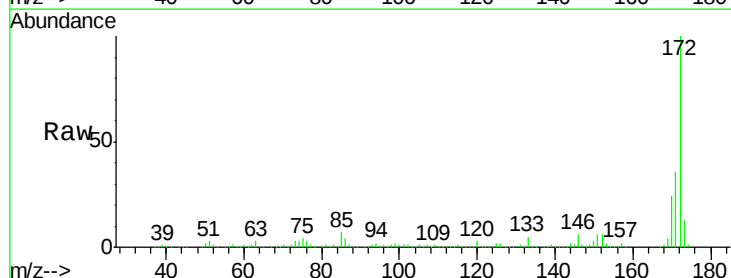
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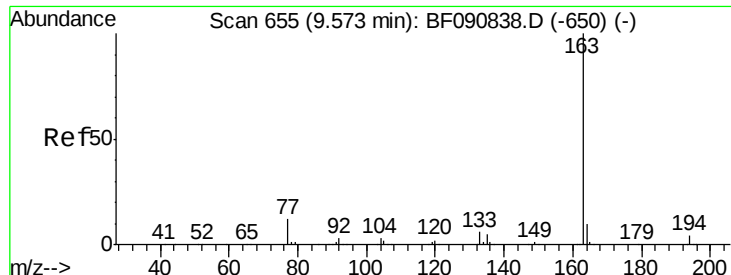
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#44
 2-Fluorobiphenyl
 Concen: 33.44 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090906.D
 Acq: 28 Oct 2016 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	694924		
171	35.7	26.1	39.1	
170	24.3	17.4	26.2	





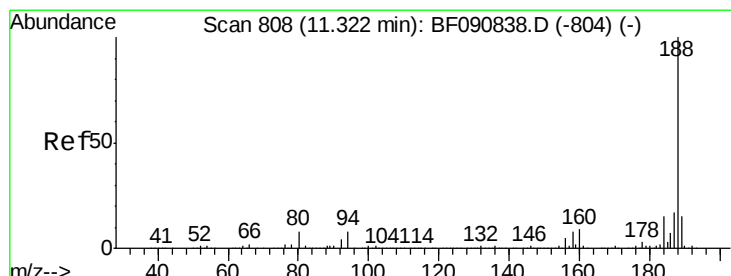
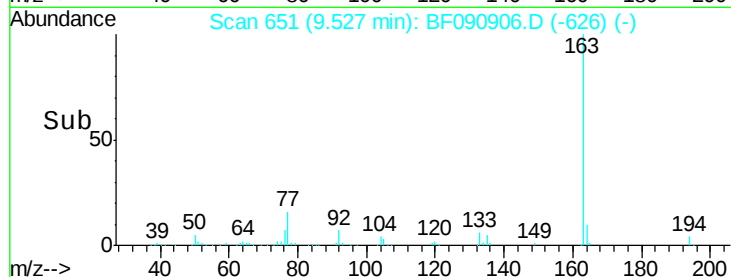
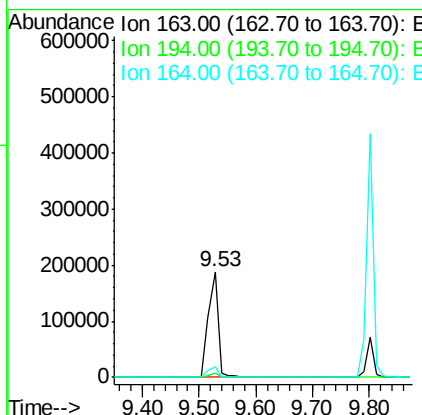
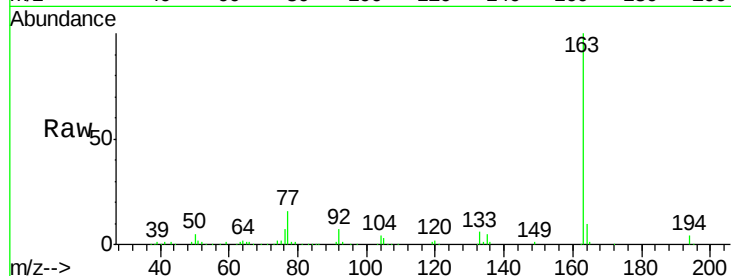
#49
Dimethylphthalate
Concen: 8.90 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF090906.D
Acq: 28 Oct 2016 13:27

Instrument :
BNA_F
ClientSampleId :
SB-4COMP(0-16FEET)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	216921		
194	3.5	4.4	6.6#	
164	9.5	8.3	12.5	

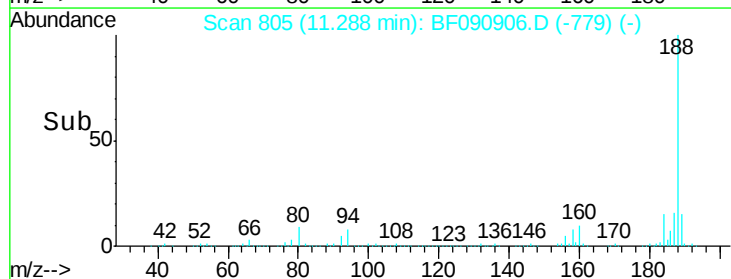
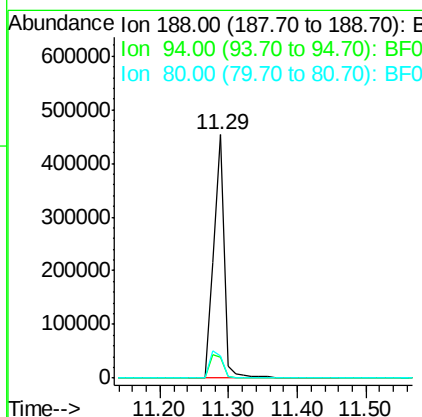
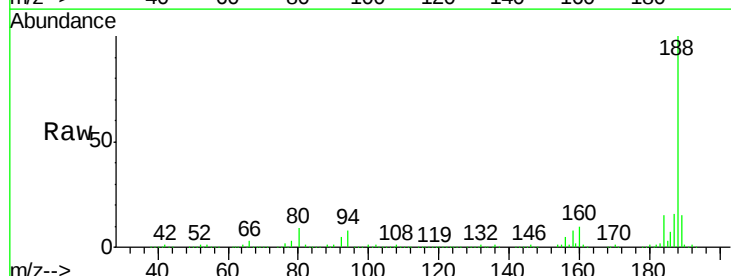
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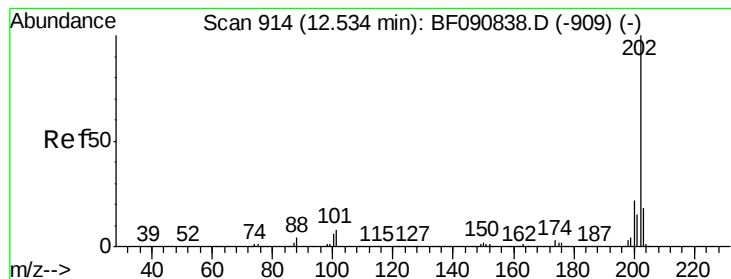
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090906.D
Acq: 28 Oct 2016 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	498564		
94	8.4	11.1	16.7#	
80	9.0	11.0	16.4#	





#74

Fluoranthene

Concen: 2.75 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF090906.D

Acq: 28 Oct 2016 13:27

Instrument :

BNA_F

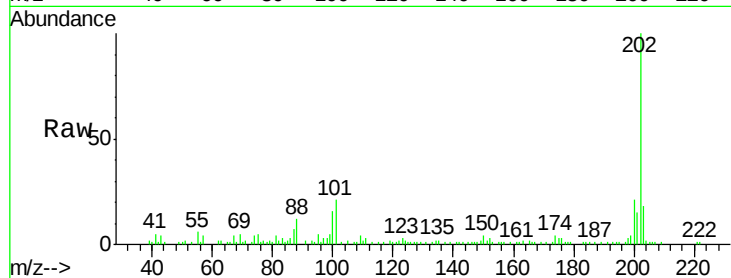
ClientSampleId :

SB-4COMP(0-16FEET)

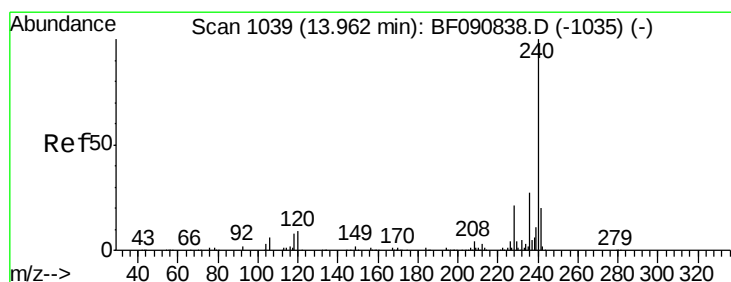
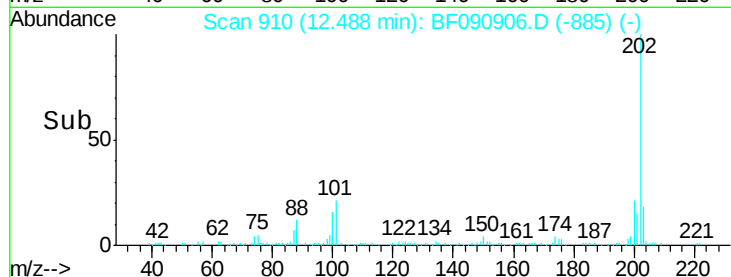
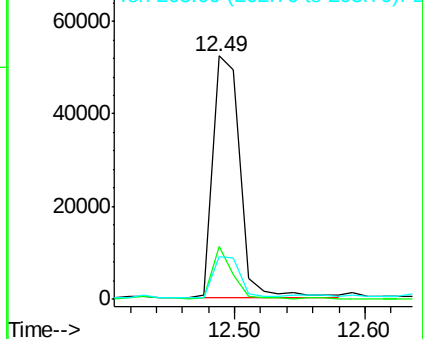
Tgt Ion:	202	Resp:	76490
Ion Ratio	Lower	Upper	
202	100		
101	21.5	0.0	38.3
203	17.7	0.0	37.3

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

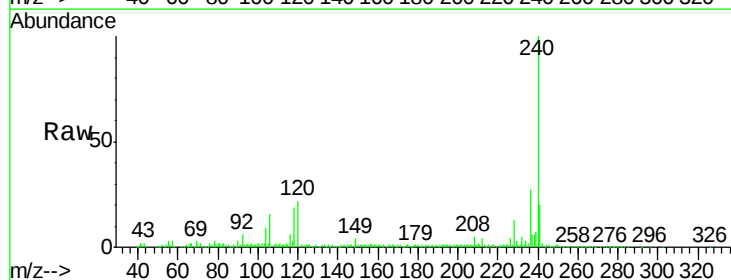
RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

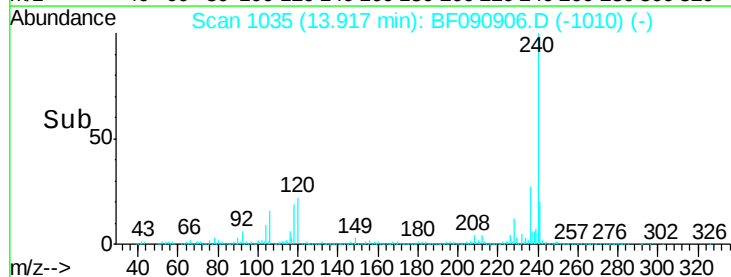
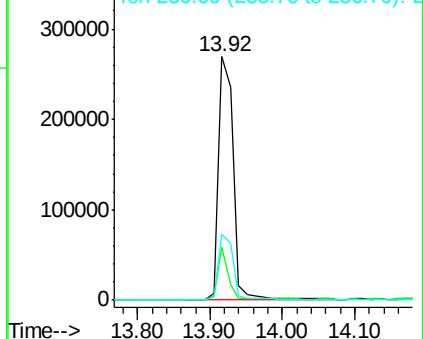
Lab File: BF090906.D

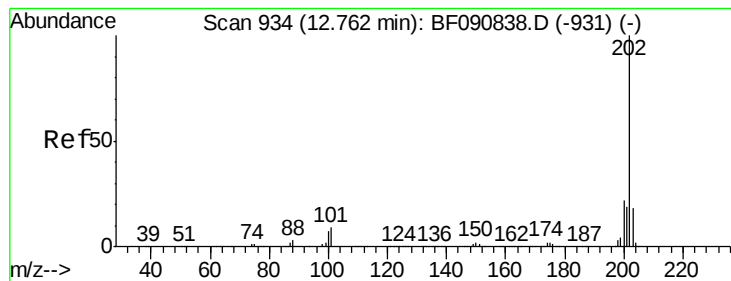
Acq: 28 Oct 2016 13:27

Tgt Ion:	240	Resp:	378178
Ion Ratio	Lower	Upper	
240	100		
120	21.8	16.2	24.2
236	27.1	18.4	27.6



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





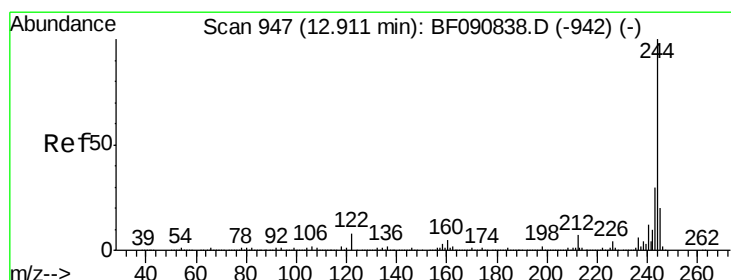
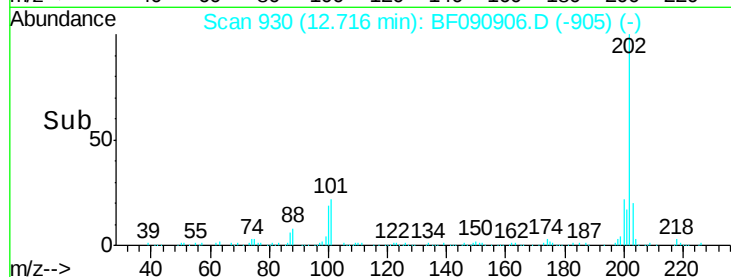
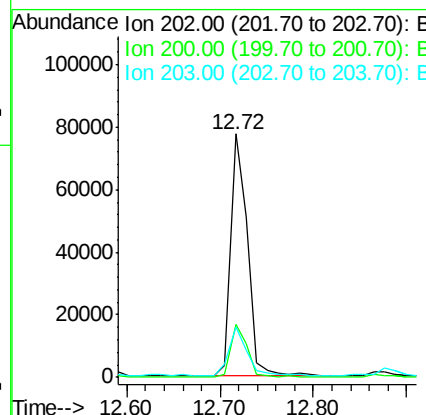
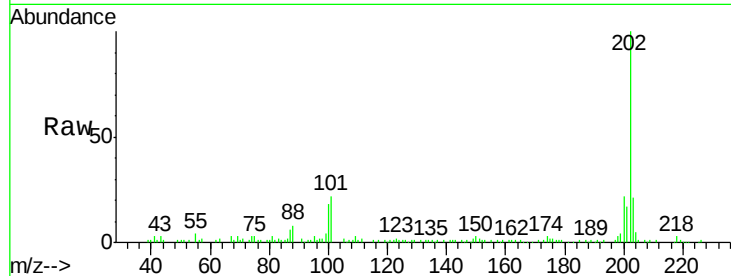
#77
 Pyrene
 Concen: 3.99 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF090906.D
 Acq: 28 Oct 2016 13:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP(0-16FEET)

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.7	15.0	22.4
203	20.8	14.1	21.1

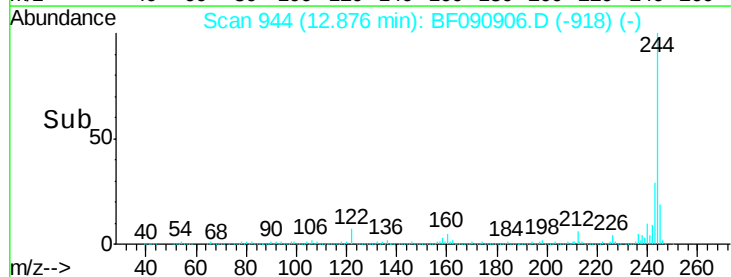
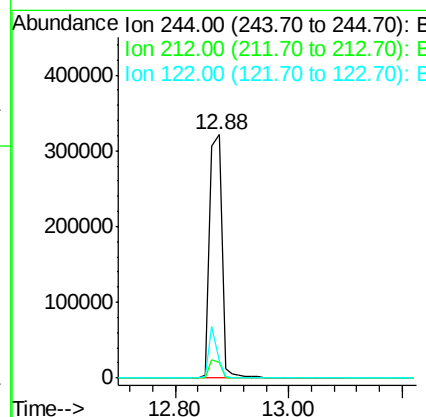
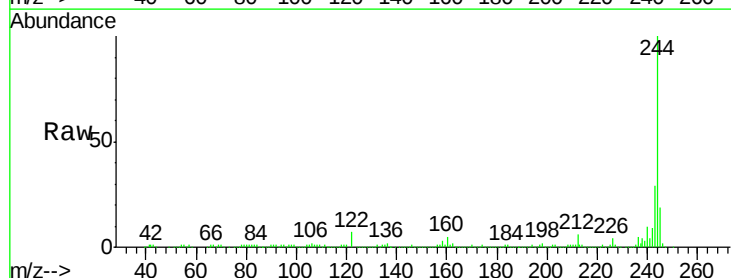
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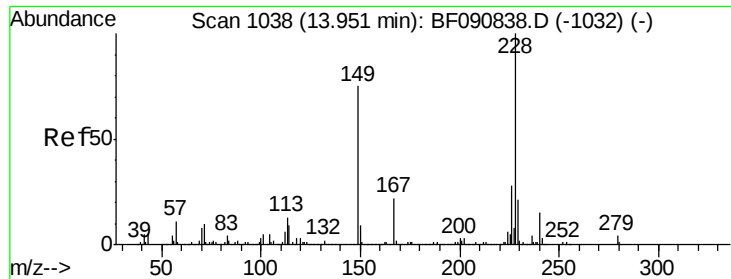
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#78
 Terphenyl-d14
 Concen: 30.57 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF090906.D
 Acq: 28 Oct 2016 13:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	4.3	6.5
122	7.0	17.4	26.2





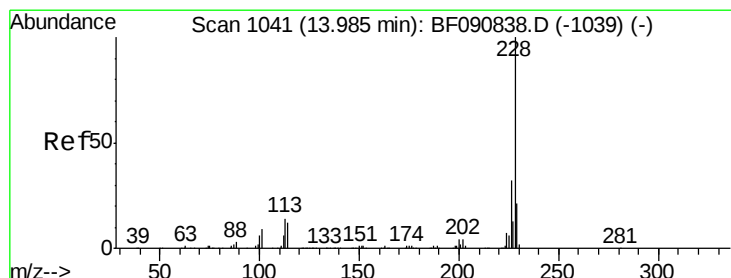
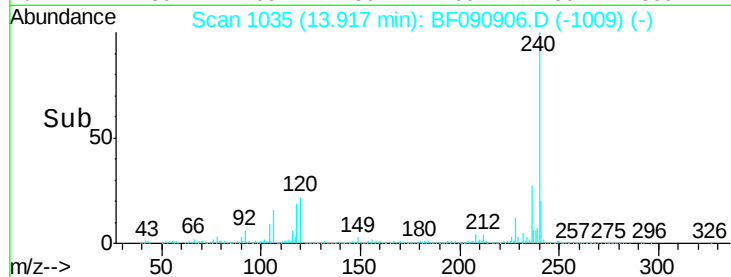
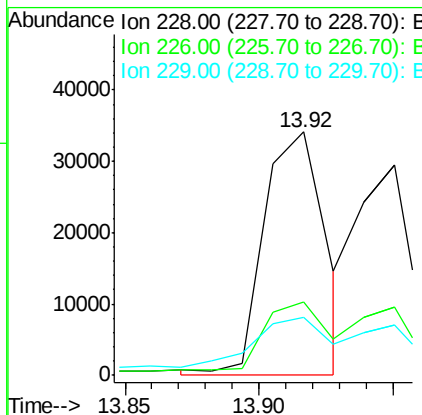
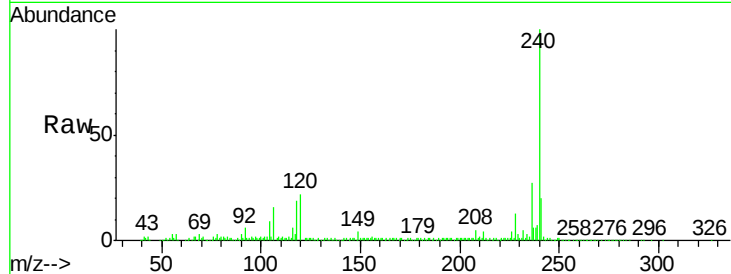
#80
Benzo(a)anthracene
Concen: 2.76 ng m
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF090906.D
Acq: 28 Oct 2016 13:27

Instrument :
BNA_F
ClientSampleId :
SB-4COMP(0-16FEET)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	20.0	30.0#
229	23.6	15.4	23.2#

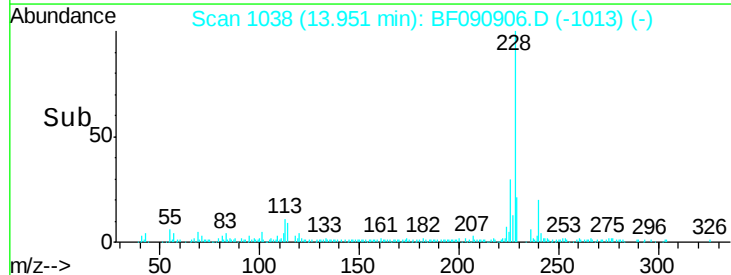
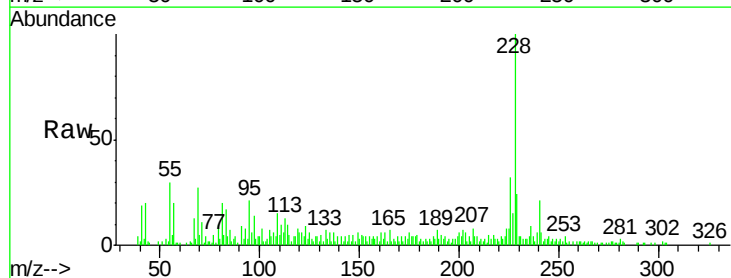
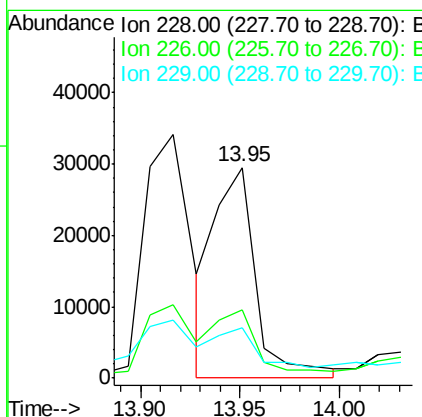
Manual Integrations
APPROVED

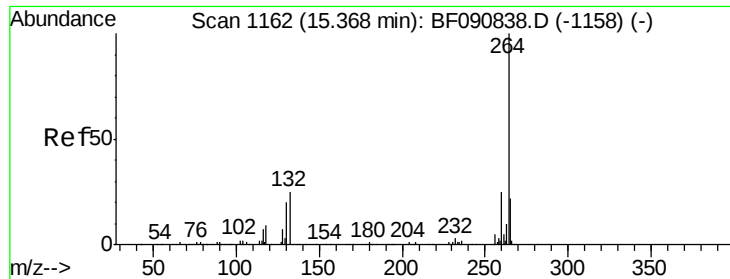
sohil
11/1/2016 7:10:04 PM



#82
Chrysene
Concen: 2.13 ng m
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF090906.D
Acq: 28 Oct 2016 13:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	21.0	31.4#
229	24.2	15.6	23.4#





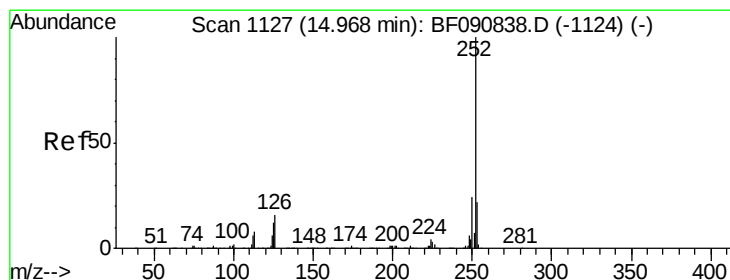
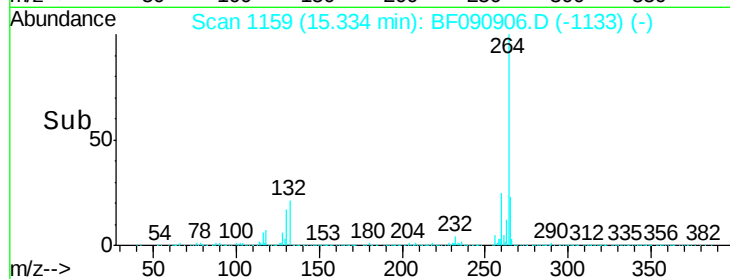
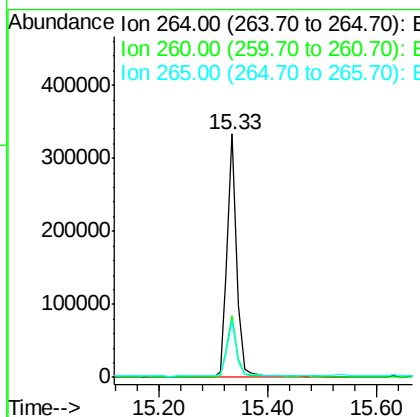
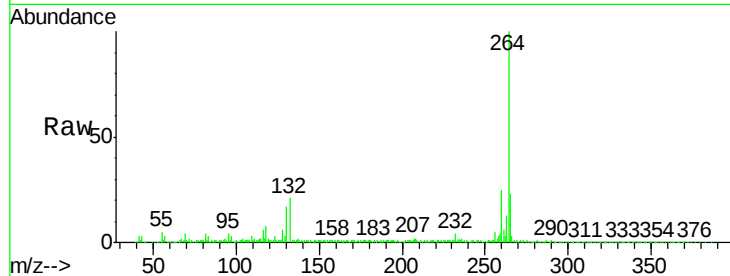
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF090906.D
Acq: 28 Oct 2016 13:27

Instrument :
BNA_F
ClientSampleId :
SB-4COMP(0-16FEET)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	16.7	25.1#
265	23.3	17.2	25.8

Manual Integrations
APPROVED

sohil
11/1/2016 7:10:04 PM



#87
Benzo(b)fluoranthene
Concen: 2.13 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF090906.D
Acq: 28 Oct 2016 13:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.5	26.3#
125	21.5	17.1	25.7

