

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090287.D
 Acq On : 29 Sep 2016 12:21
 Operator : UM/SJ
 Sample : H4949-07DL 20X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4-1-LOC-4(0-5)DL

Manual Integrations
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Quant Time: Sep 30 11:18:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	140010	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	584870	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	323601	20.00	ng	-0.01
63) Phenanthrene-d10	10.96	188	473626	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	413002	20.00	ng	-0.02
86) Perylene-d12	14.90	264	321085	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	47873	5.57	ng	-0.02
7) Phenol-d6	6.11	99	65818	6.20	ng	-0.02
23) Nitrobenzene-d5	7.03	82	37721	3.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.27	330	14676	5.29	ng	-0.02
44) 2-Fluorobiphenyl	8.83	172	78894	4.79	ng	-0.02
78) Terphenyl-d14	12.55	244	77555	4.77	ng	-0.01
Target Compounds						
70) Phenanthrene	10.98	178	45947	2.07	ng	Qvalue 98
74) Fluoranthene	12.16	202	98520	4.14	ng	97
77) Pyrene	12.39	202	82951	2.94	ng	97
79) Butylbenzylphthalate	13.03	149	41785	3.02	ng	# 81
83) Bis(2-ethylhexyl)phthalate	13.61	149	1319057	74.56	ng	# 98
87) Benzo(b)fluoranthene	14.56	252	47746m	2.69	ng	

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

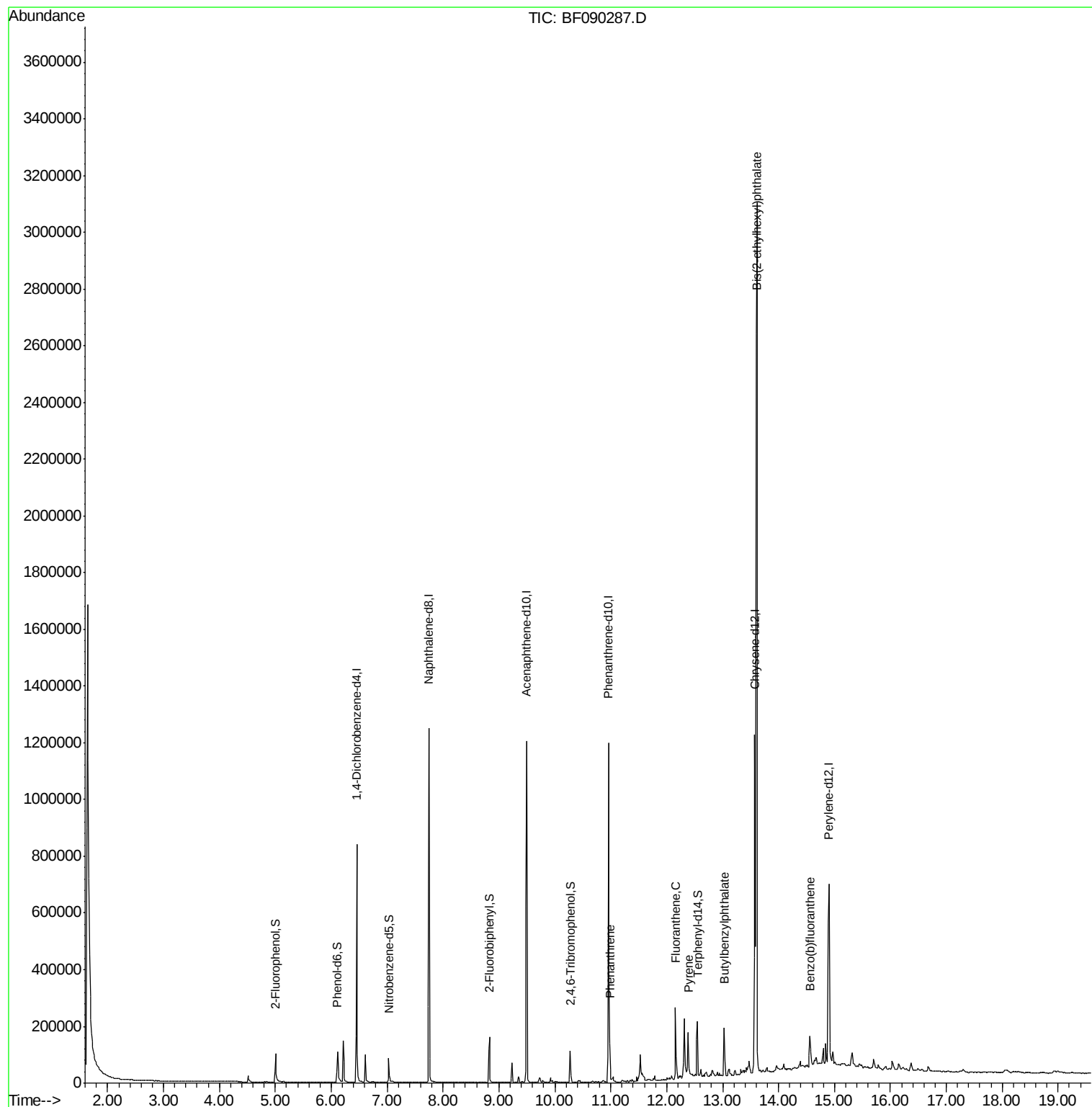
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Quant Time: Sep 30 11:18:11 2016
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#1

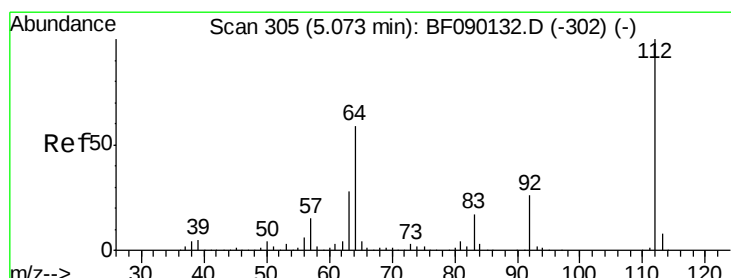
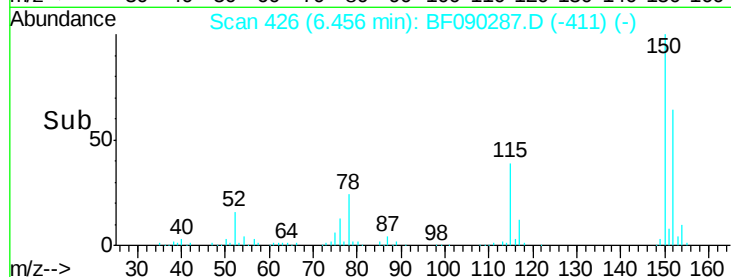
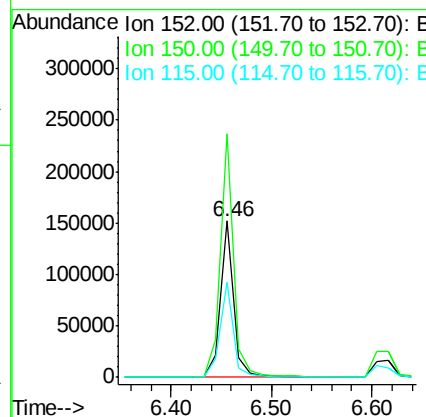
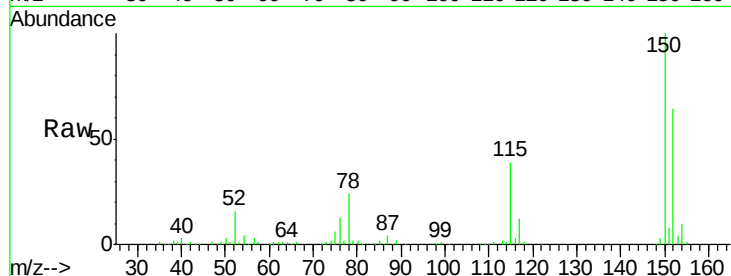
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	128.9	193.3
115	60.5	55.5	83.3

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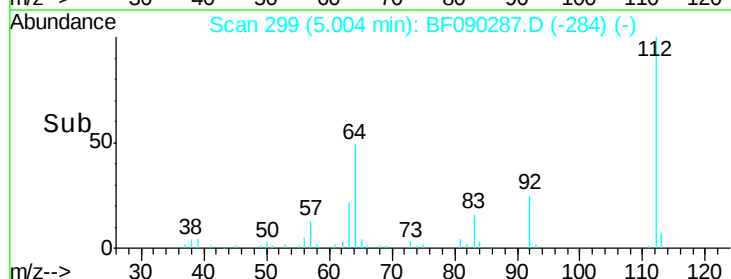
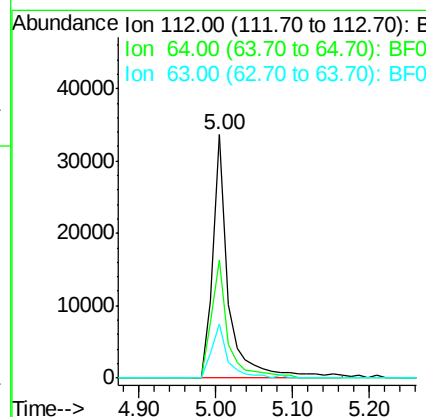
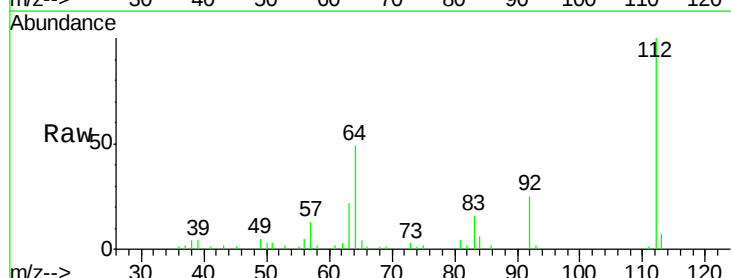
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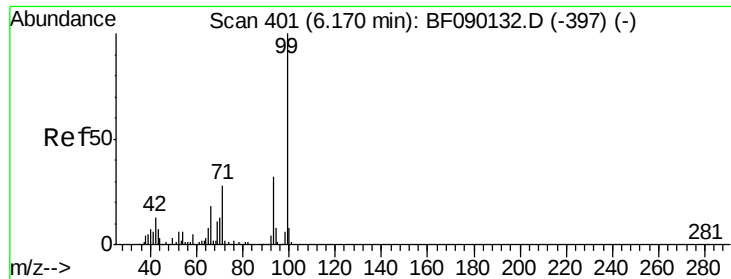


#5

2-Fluorophenol
Concen: 5.57 ng
RT: 5.00 min Scan# 299
Delta R.T. -0.02 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.8	39.8	59.6
63	22.4	18.9	28.3





#7

Phenol-d6

Concen: 6.20 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF090287.D

Acq: 29 Sep 2016 12:21

Instrument :

BNA_F

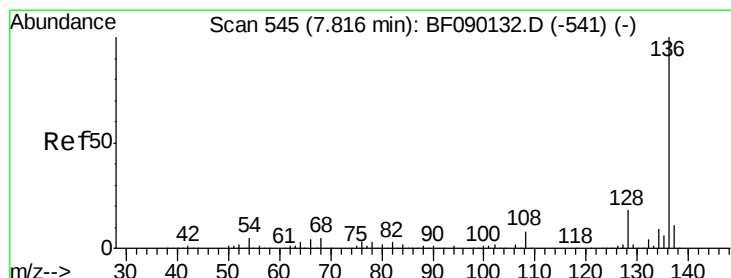
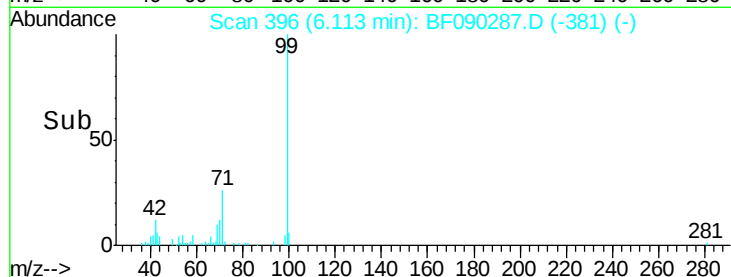
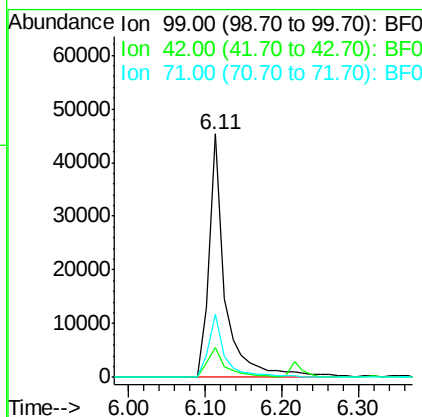
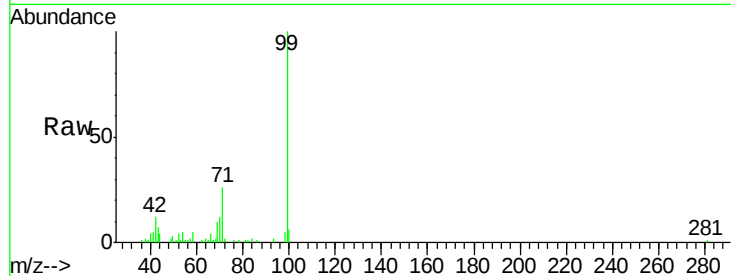
ClientSampleId :

S-4-1-LOC-4(0-5)DL

Tot Ion:	99	Resp:	65818
Ion	Ratio	Lower	Upper
99	100		
42	12.2	10.6	15.8
71	25.7	23.0	34.6

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#21

Naphthalene-d8

Concen: 20.00 ng

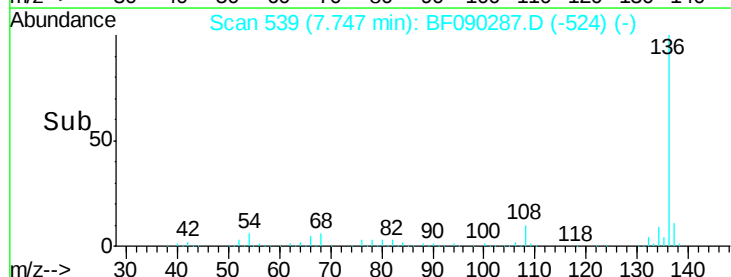
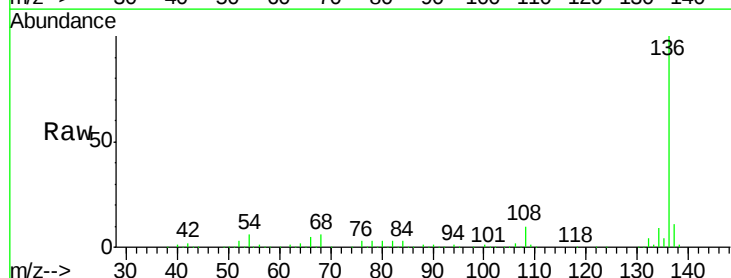
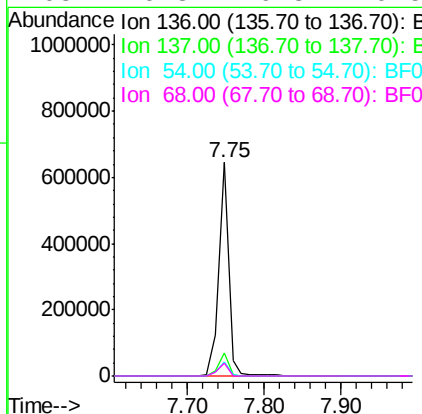
RT: 7.75 min Scan# 539

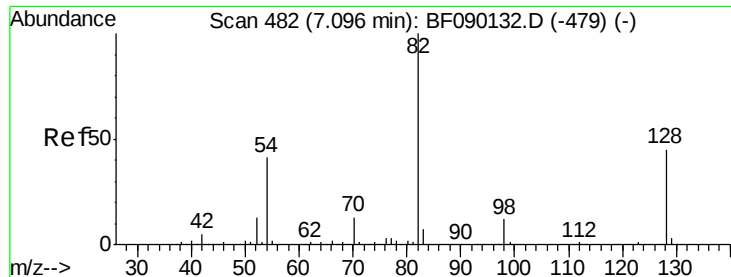
Delta R.T. -0.02 min

Lab File: BF090287.D

Acq: 29 Sep 2016 12:21

Tgt Ion:	136	Resp:	584870
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.4	6.4	9.6
68	6.3	6.3	9.5#





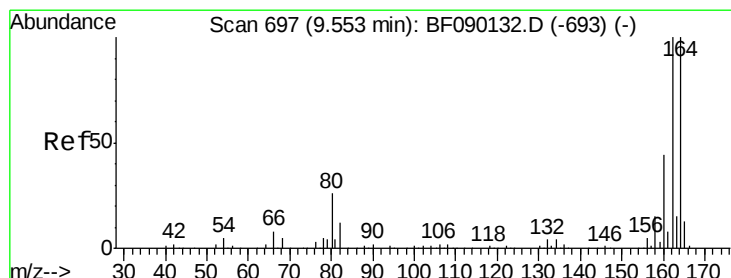
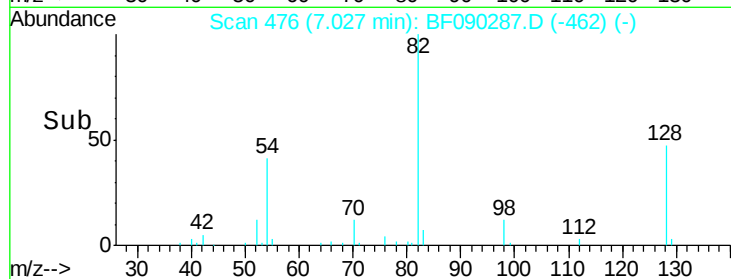
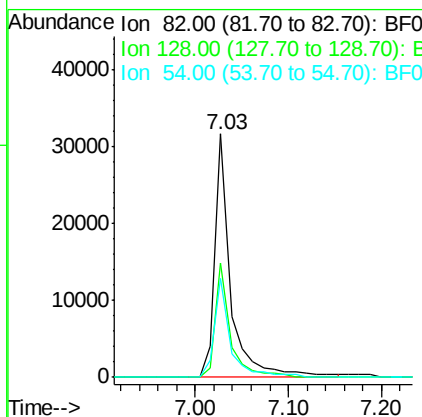
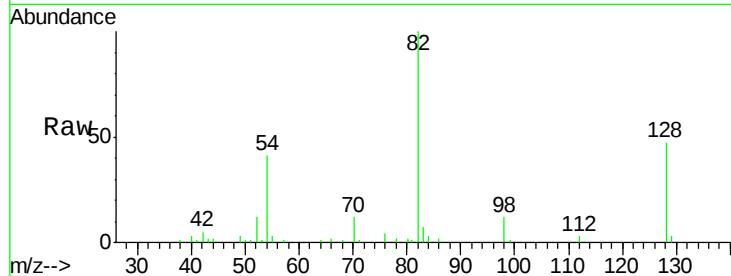
#23
 Nitrobenzene-d5
 Concen: 3.74 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.03 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 S-4-1-LOC-4(0-5)DL

Tot Ion:	82	Resp:	37721
Ion Ratio	Lower	Upper	
82	100		
128	46.8	37.5	56.3
54	40.6	31.9	47.9

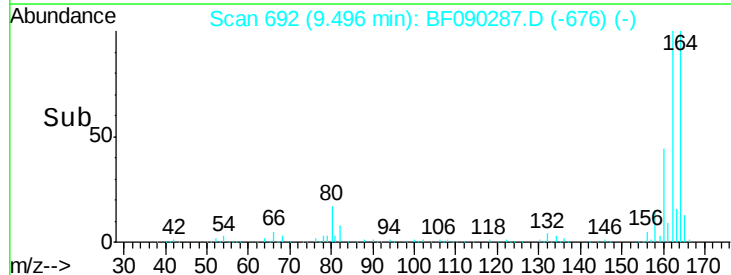
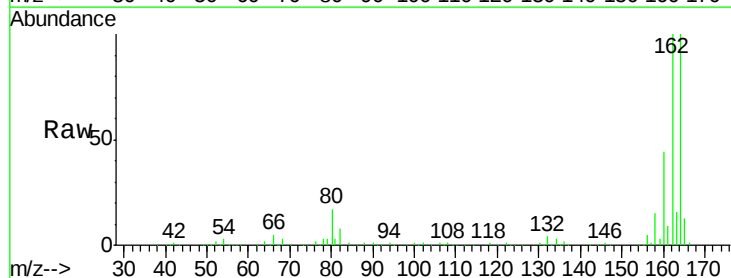
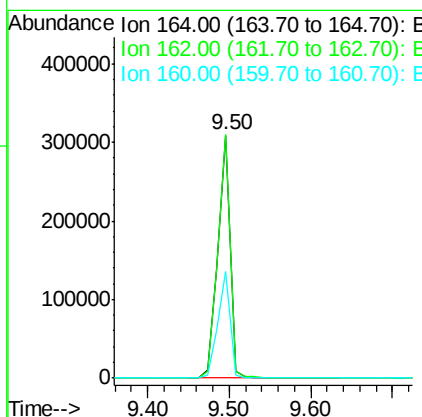
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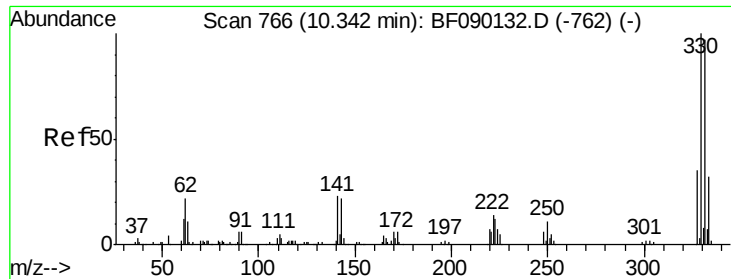
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Tgt Ion:	164	Resp:	323601
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.4	122.2
160	44.0	36.6	54.8





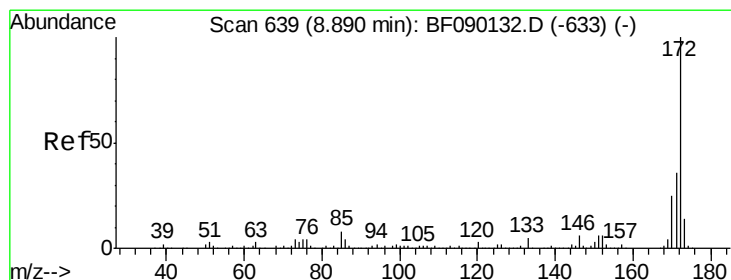
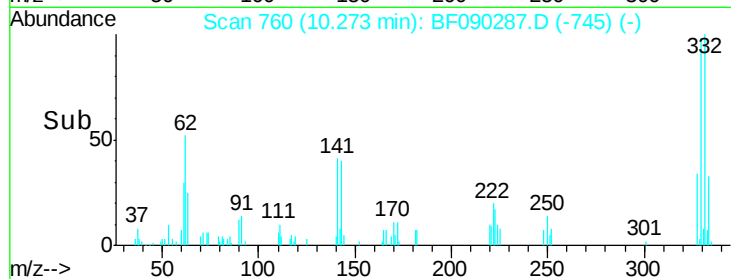
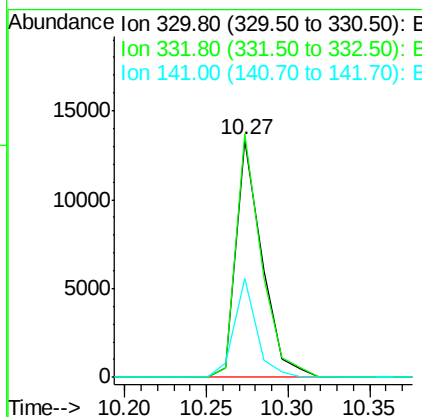
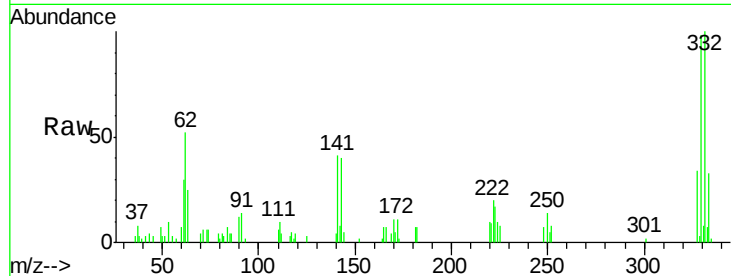
#41
 2,4,6-Tribromophenol
 Concen: 5.29 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 S-4-1-LOC-4(0-5)DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	14676		
332	100.3	78.1	117.1	
141	35.8	23.9	35.9	

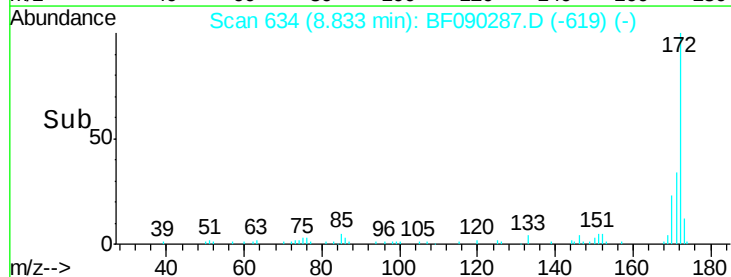
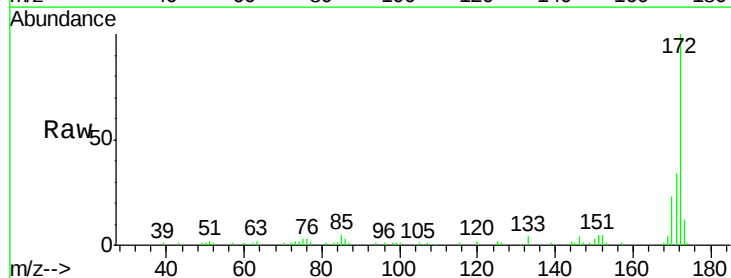
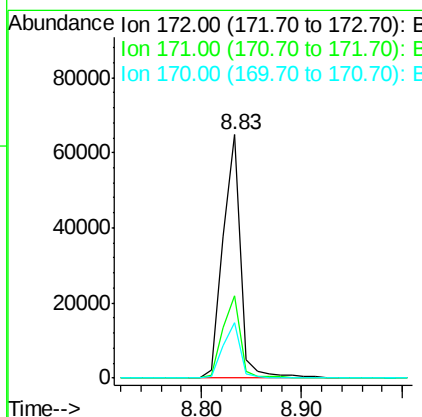
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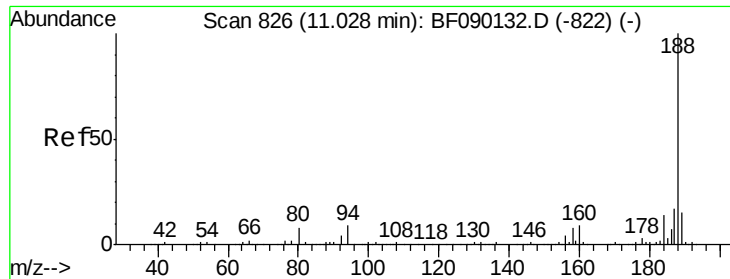
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#44
 2-Fluorobiphenyl
 Concen: 4.79 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	78894		
171	33.6	29.2	43.8	
170	22.6	19.8	29.8	





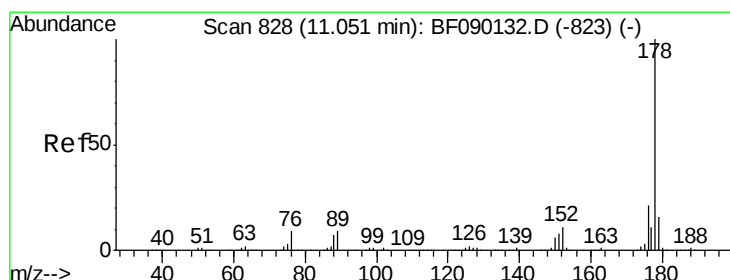
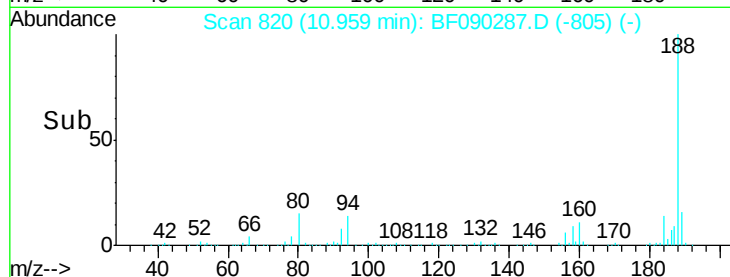
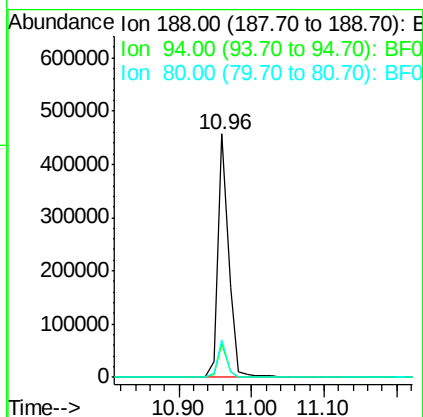
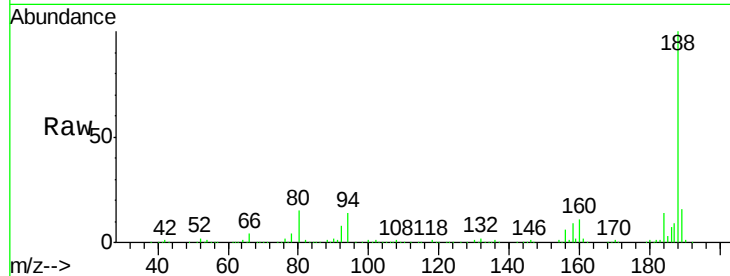
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	473626		
94	14.1		10.5	15.7
80	15.3		11.2	16.8

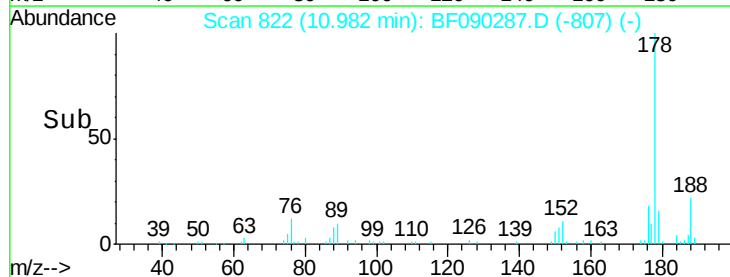
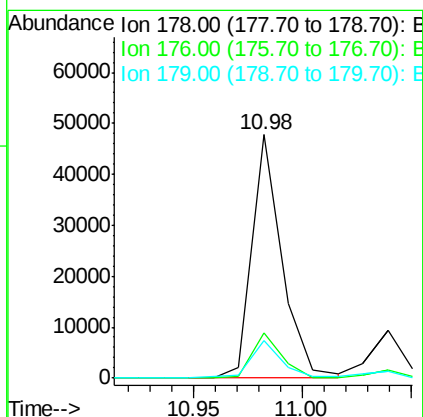
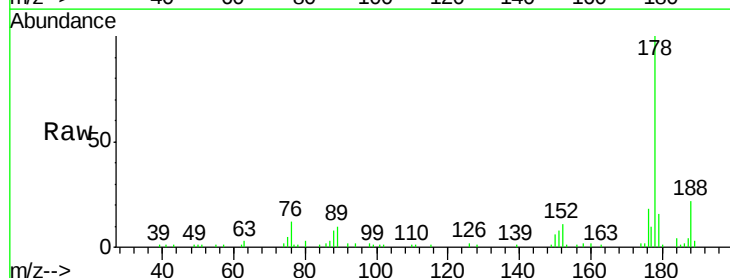
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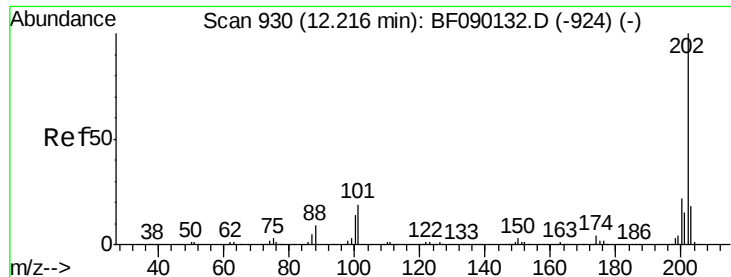
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#70
Phenanthrene
Concen: 2.07 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	45947		
176	18.4		15.9	23.9
179	15.6		12.9	19.3





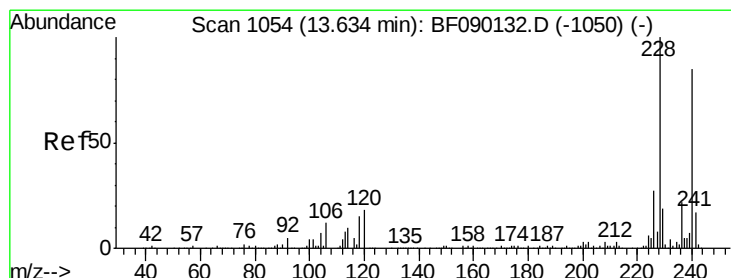
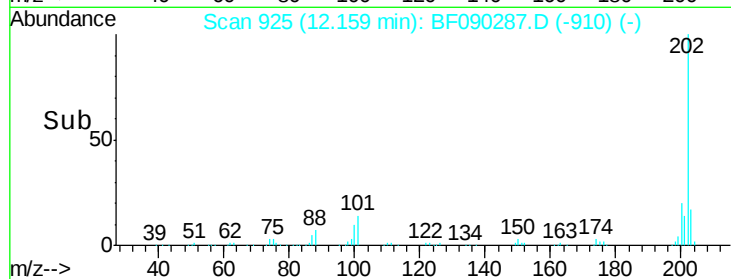
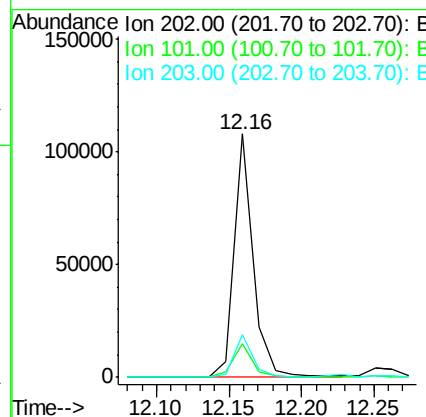
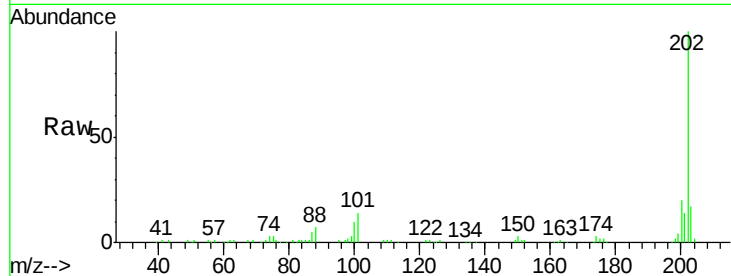
#74
Fluoranthene
 Concen: 4.14 ng
 RT: 12.16 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 S-4-1-LOC-4(0-5)DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	0.0	36.1
203	17.3	0.0	38.2

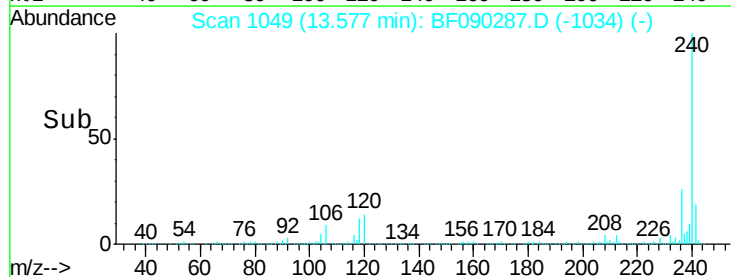
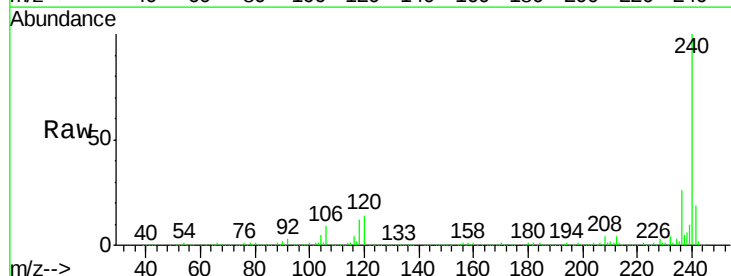
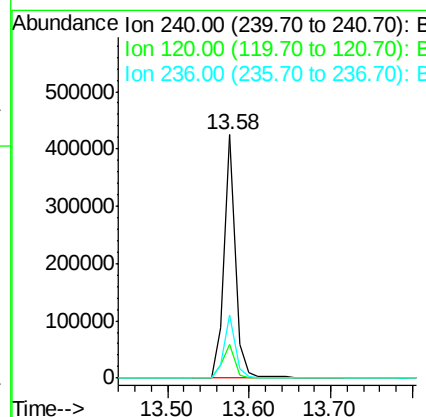
Manual Integrations
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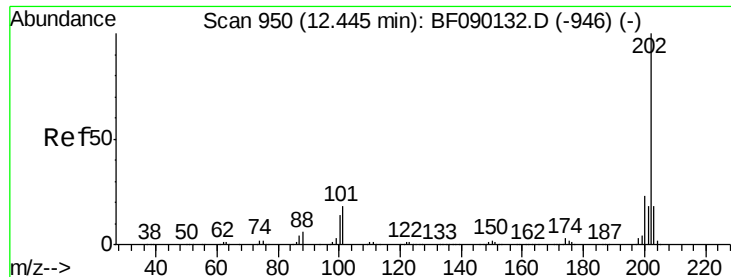
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.1	10.6	16.0
236	26.2	21.6	32.4





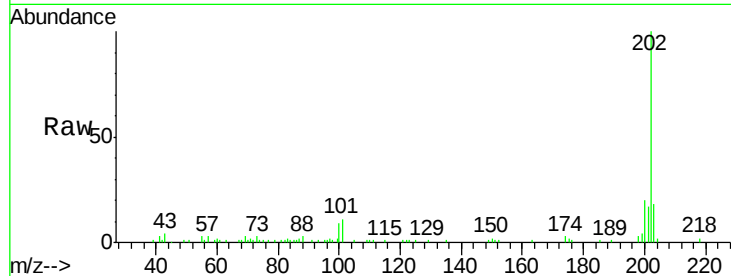
#77
Pvrene
Concen: 2.94 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)DL

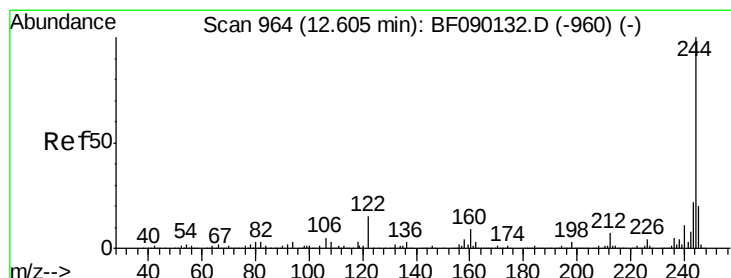
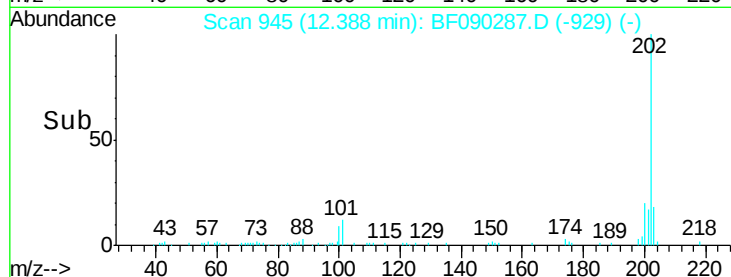
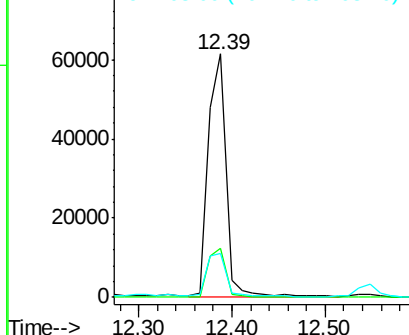
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.9	26.9
203	18.2	14.2	21.4

Manual Integrations
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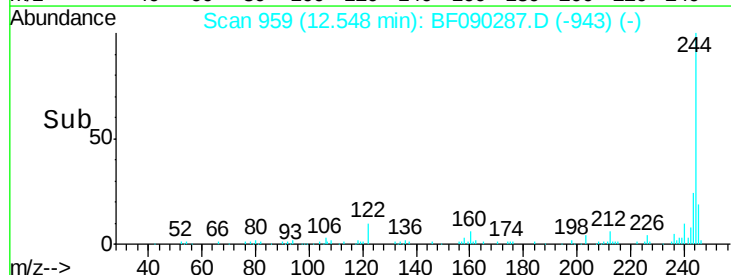
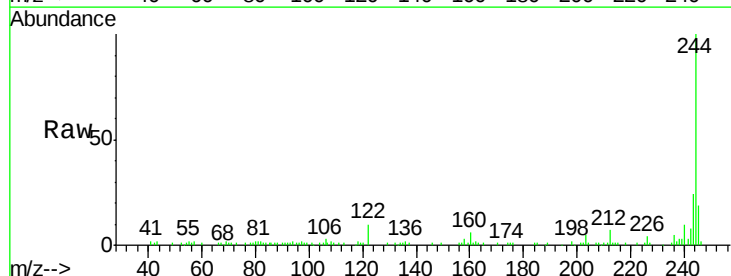
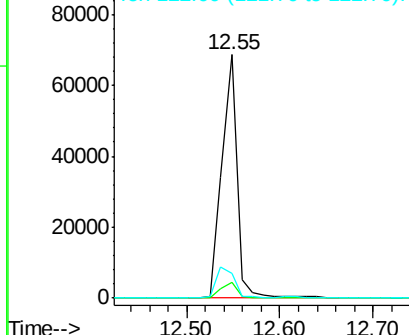
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Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

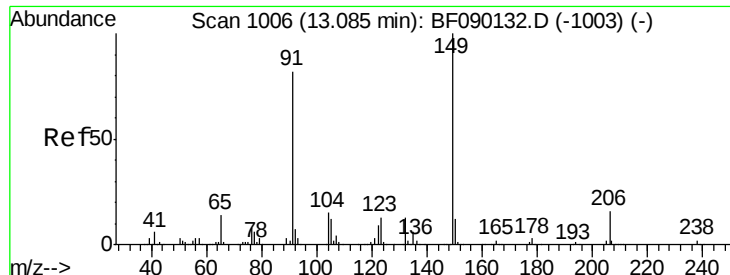


#78
Terphenyl-d14
Concen: 4.77 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF090287.D
Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.9	9.4	14.0

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





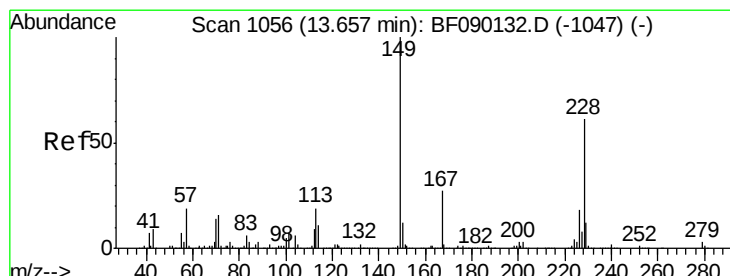
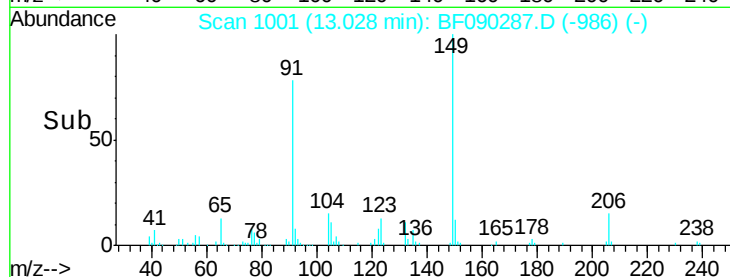
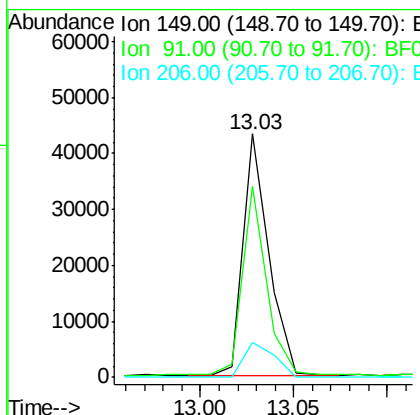
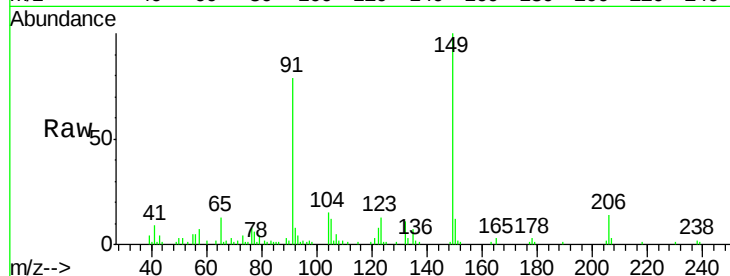
#79
 Butylbenzylphthalate
 Concen: 3.02 ng
 RT: 13.03 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Instrument :
 BNA_F
 ClientSampleId :
 S-4-1-LOC-4(0-5)DL

Tot Ion	Ratio	Resp	Lower	Upper
149	100	41785		
91	78.7	49.8	74.6#	
206	14.4	16.3	24.5#	

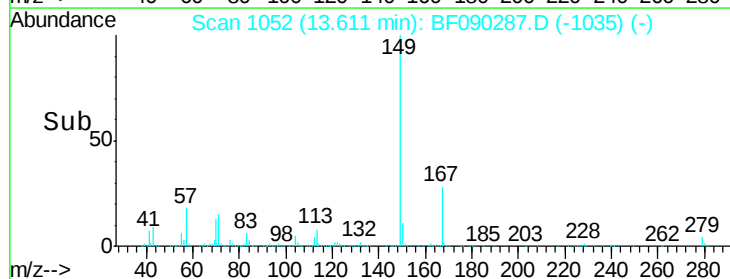
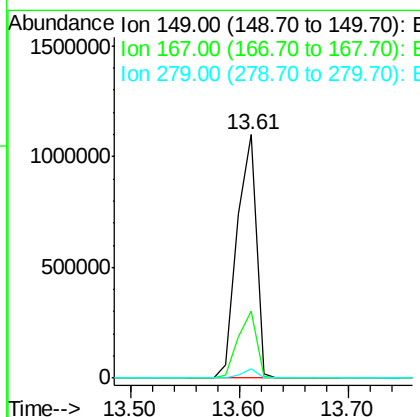
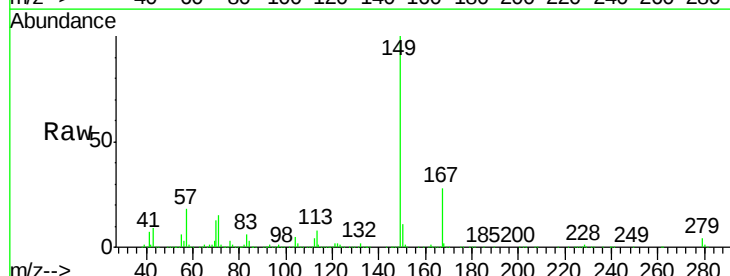
Manual Integrations
 APPROVED

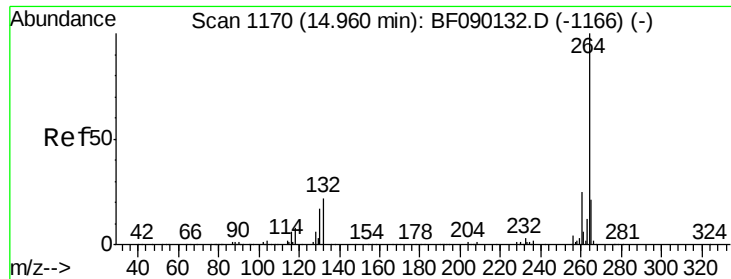
sohil
 9/30/2016 3:59:54 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 74.56 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF090287.D
 Acq: 29 Sep 2016 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1319057		
167	27.5	21.2	31.8	
279	3.9	2.2	3.2#	





#86

Pervlene-d12

Concen: 20.00 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF090287.D

Acq: 29 Sep 2016 12:21

Instrument :

BNA_F

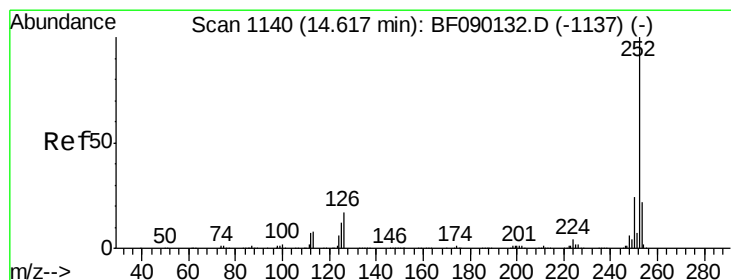
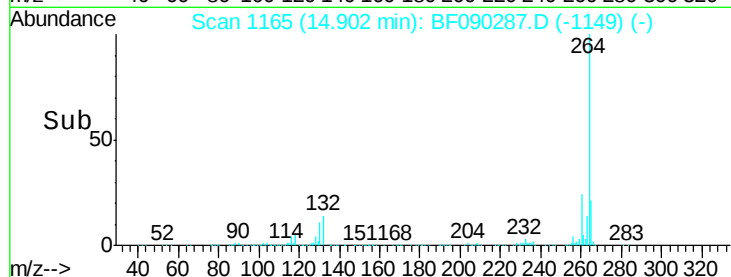
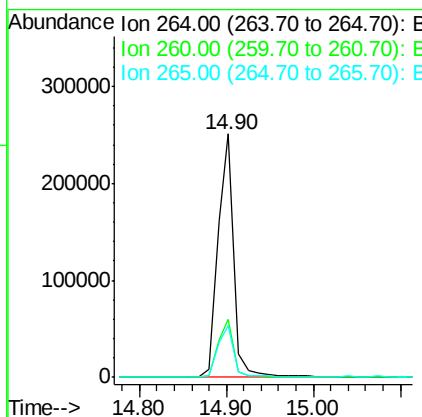
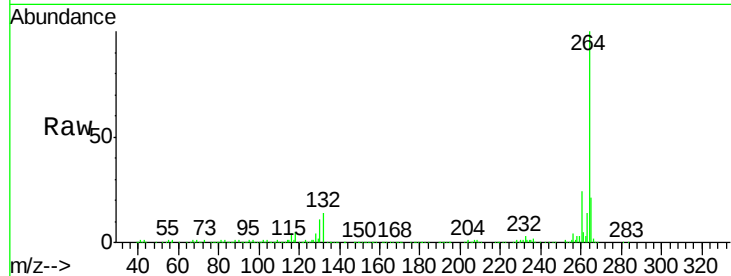
ClientSampleId :

S-4-1-LOC-4(0-5)DL

Tot Ion:	264	Resp:	321085
Ion Ratio		Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.4	17.0	25.4

Manual Integrations
APPROVED

sohil
9/30/2016 3:59:54 PM



#87

Benzo(b)fluoranthene

Concen: 2.69 ng m

RT: 14.56 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF090287.D

Acq: 29 Sep 2016 12:21

Tgt Ion:	252	Resp:	47746
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.1	12.7	19.1

