

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091141.D
 Acq On : 11 Nov 2016 15:44
 Operator : UM/SJ
 Sample : PB94644BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BSD

Manual Integrations
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 11/14/2016 6:36:56 PM

Quant Time: Nov 11 16:54:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	168336	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	704632	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	361060	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	645732	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	611848	20.00	ng	-0.02
86) Perylene-d12	15.15	264	447107	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	672323	65.96	ng	0.00
7) Phenol-d6	6.29	99	859064	62.10	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1022122	79.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	203055	62.21	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1717083	81.88	ng	-0.02
78) Terphenyl-d14	12.74	244	1703229	69.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	168793	28.95	ng	# 95
3) Pyridine	2.85	79	439682	32.24	ng	95
4) n-Nitrosodimethylamine	2.81	42	179798	33.32	ng	96
6) Aniline	6.30	93	361892	22.18	ng	# 62
8) 2-Chlorophenol	6.43	128	475345	39.10	ng	89
9) Benzaldehyde	6.20	77	38431	5.00	ng	97
10) Phenol	6.32	94	529742	34.60	ng	# 63
11) bis(2-Chloroethyl)ether	6.38	93	484932	37.59	ng	93
12) 1,3-Dichlorobenzene	6.58	146	466412	37.93	ng	# 94
13) 1,4-Dichlorobenzene	6.66	146	488487	37.02	ng	96
14) 1,2-Dichlorobenzene	6.81	146	438183	36.19	ng	96
15) Benzyl Alcohol	6.80	79	365629	37.47	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	584926	31.66	ng	86
17) 2-Methylphenol	6.92	107	370330	38.48	ng	98
18) Hexachloroethane	7.15	117	182382	35.72	ng	# 89
19) n-Nitroso-di-n-propylamine	7.07	70	351079	36.62	ng	98
20) 3+4-Methylphenols	7.08	107	479622	41.50	ng	97
22) Acetophenone	7.06	105	634458	39.11	ng	# 96
24) Nitrobenzene	7.23	77	488539	34.25	ng	92
25) Isophorone	7.48	82	937650	37.67	ng	96
26) 2-Nitrophenol	7.55	139	232479	38.51	ng	90
27) 2,4-Dimethylphenol	7.61	122	423157	42.38	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	562223	41.35	ng	98
29) 2,4-Dichlorophenol	7.80	162	373598	42.88	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	373091	38.08	ng	97
31) Naphthalene	7.95	128	1283224	38.08	ng	99
32) Benzoic acid	7.76	122	209615	29.14	ng	98
33) 4-Chloroaniline	8.02	127	171448	12.23	ng	98
34) Hexachlorobutadiene	8.08	225	219878	41.58	ng	98
35) Caprolactam	8.38	113	119838m	43.78	ng	
36) 4-Chloro-3-methylphenol	8.51	107	402913	38.20	ng	90
37) 2-Methylnaphthalene	8.65	142	870398	40.18	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	354505	38.51	ng	99
40) Hexachlorocyclopentadiene	8.80	237	311482	86.62	ng	97

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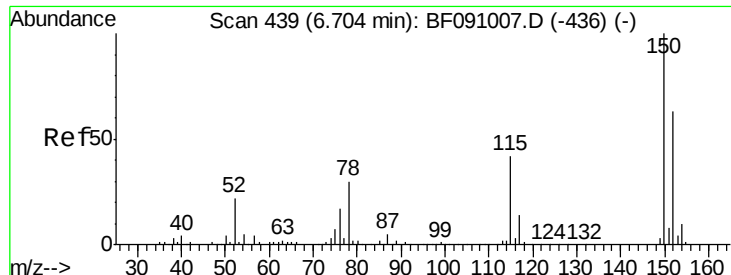
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	243386	40.96	nq	98
43) 2,4,5-Trichlorophenol	8.98	196	266190	42.66	nq #	93
45) 1,1'-Biphenyl	9.10	154	989993	37.55	nq	98
46) 2-Chloronaphthalene	9.13	162	768819	38.41	nq	97
47) 2-Nitroaniline	9.24	65	288937	38.90	nq #	81
48) Acenaphthylene	9.54	152	1168189	37.45	nq	100
49) Dimethylphthalate	9.42	163	966345	40.82	nq	98
50) 2,6-Dinitrotoluene	9.48	165	225906	44.52	nq #	77
51) Acenaphthene	9.71	154	694389	35.46	nq	99
52) 3-Nitroaniline	9.65	138	114934	19.10	nq	84
53) 2,4-Dinitrophenol	9.77	184	197626	72.17	nq	91
54) Dibenzofuran	9.88	168	1120174	42.49	nq	98
55) 4-Nitrophenol	9.84	139	282506	71.18	nq #	85
56) 2,4-Dinitrotoluene	9.88	165	276283	42.80	nq #	51
57) Fluorene	10.22	166	819909	38.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	204595	41.86	nq	98
59) Diethylphthalate	10.12	149	951367	39.19	nq	97
60) 4-Chlorophenyl-phenylether	10.22	204	423220	43.15	nq	92
61) 4-Nitroaniline	10.27	138	234511	38.53	nq	91
62) Azobenzene	10.38	77	1168581	40.90	nq	94
64) 4,6-Dinitro-2-methylphenol	10.29	198	144457	36.53	nq #	42
65) n-Nitrosodiphenylamine	10.35	169	816724	39.79	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	237566	35.37	nq	94
67) Hexachlorobenzene	10.77	284	279748	37.76	nq	97
68) Atrazine	10.88	200	216174	36.51	nq	95
69) Pentachlorophenol	10.98	266	261289	79.64	nq	99
70) Phenanthrene	11.19	178	1354556	39.46	nq	100
71) Anthracene	11.23	178	1319602	36.16	nq	100
72) Carbazole	11.39	167	1253616	38.12	nq	99
73) Di-n-butylphthalate	11.73	149	1494548	36.13	nq	99
74) Fluoranthene	12.36	202	1276715	35.86	nq	98
76) Benzidine	12.50	184	559483	40.93	nq	97
77) Pyrene	12.59	202	1312543	32.76	nq	100
79) Butylbenzylphthalate	13.22	149	647981	33.81	nq	95
80) Benzo(a)anthracene	13.78	228	1211724	34.88	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	207109	16.97	nq #	98
82) Chrysene	13.81	228	1169238m	34.13	nq	
83) Bis(2-ethylhexyl)phthalate	13.78	149	790030	30.46	nq	99
84) Di-n-octyl phthalate	14.40	149	1527711	35.82	nq	96
85) Indeno(1,2,3-cd)pyrene	16.43	276	973446	34.25	nq	97
87) Benzo(b)fluoranthene	14.79	252	1249613m	41.21	nq	
88) Benzo(k)fluoranthene	14.81	252	1002487m	37.69	nq	
89) Benzo(a)pyrene	15.11	252	1049961	39.77	nq	100
90) Dibenzo(a,h)anthracene	16.44	278	824794	36.14	nq	98
91) Benzo(g,h,i)perylene	16.81	276	739880	35.85	nq	97

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



#1

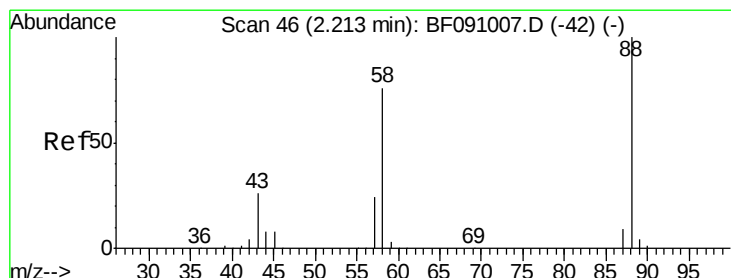
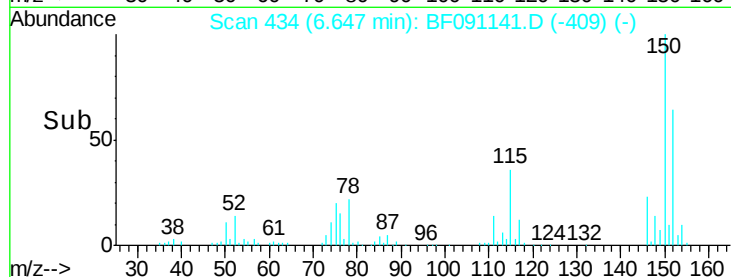
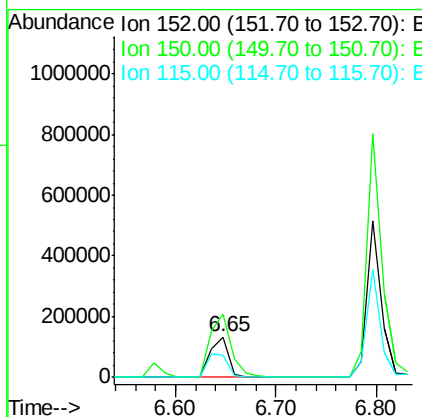
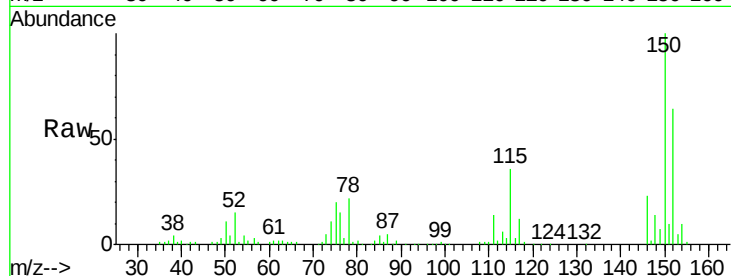
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.8	190.2
115	56.4	53.3	79.9

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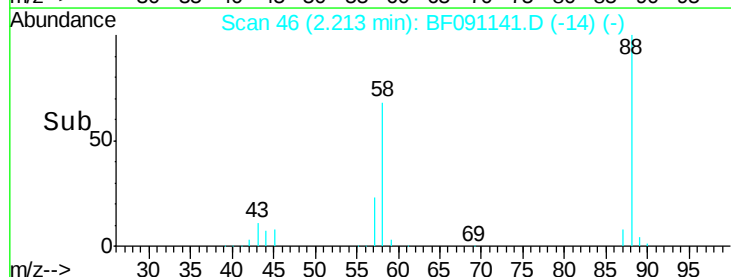
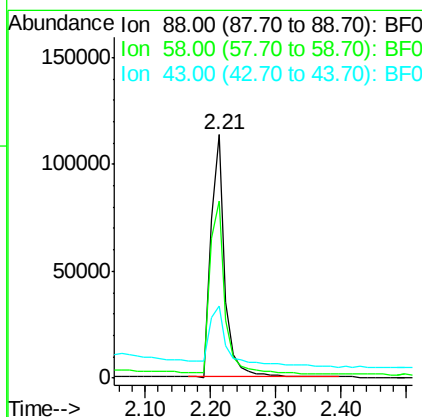
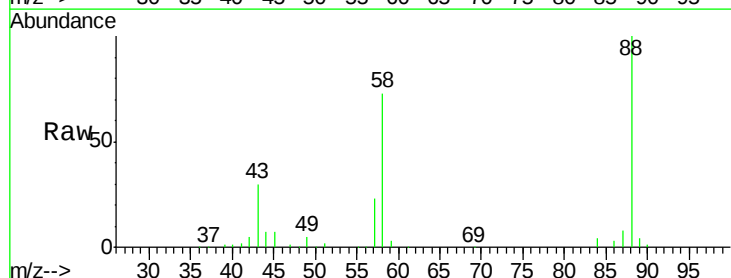
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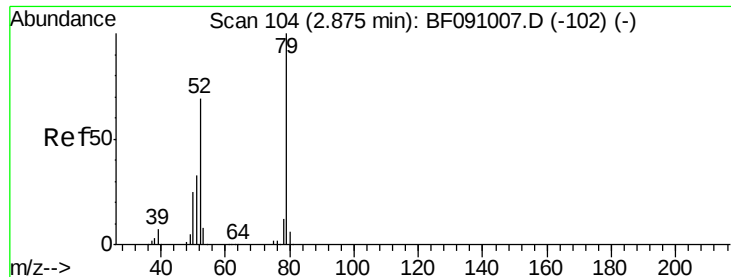


#2

1,4-Dioxane
Concen: 28.95 ng
RT: 2.21 min Scan# 46
Delta R.T. 0.07 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	63.8	95.6
43	34.9	22.6	33.8





#3

Pvridine

Concen: 32.24 ng

RT: 2.85 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

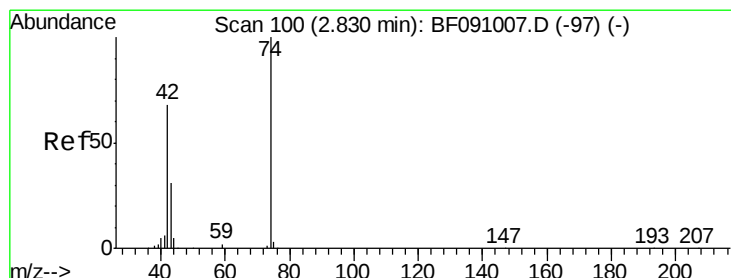
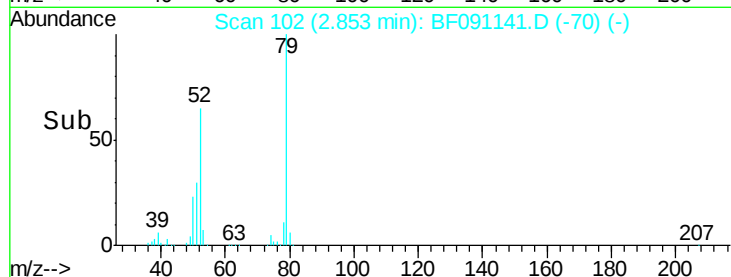
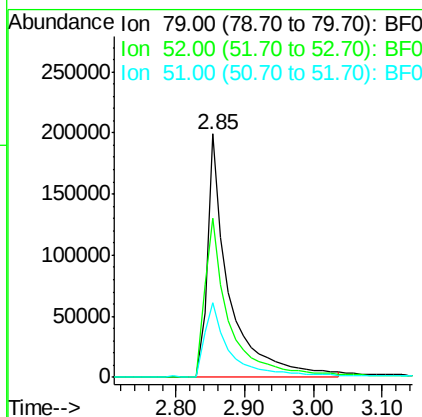
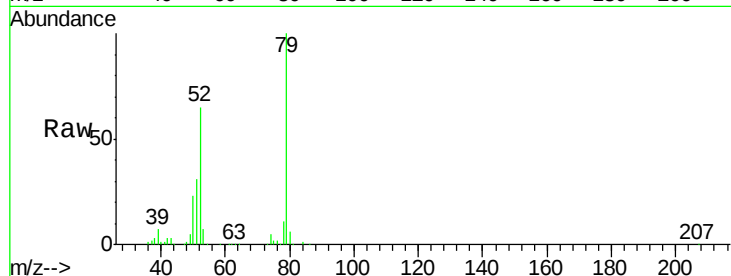
ClientSampleId :

PB94644BSD

Tot Ion:	79	Resp:	439682
Ion	Ratio	Lower	Upper
79	100		
52	65.3	55.4	83.0
51	30.9	27.4	41.0

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#4

n-Nitrosodimethylamine

Concen: 33.32 ng

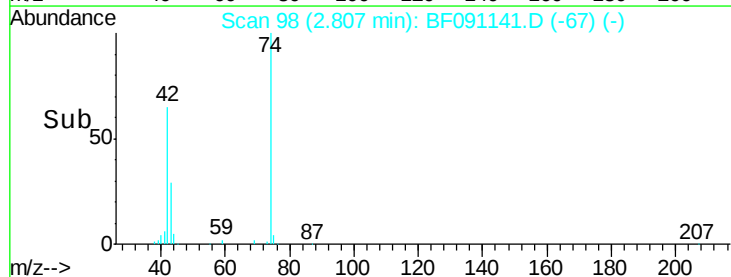
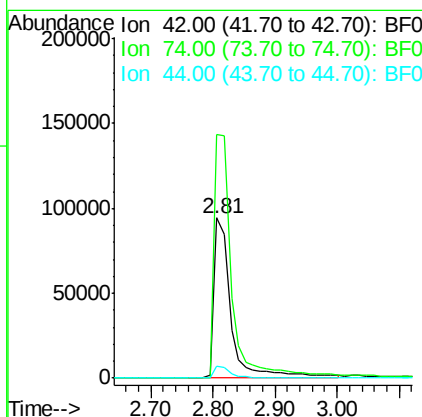
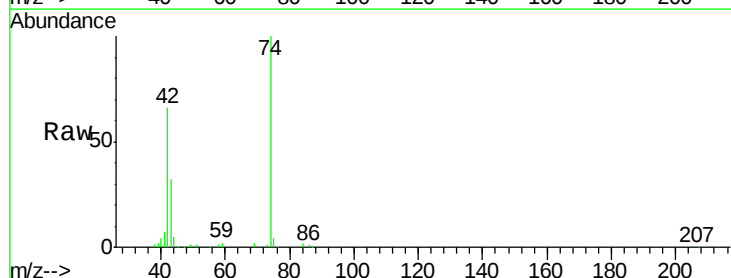
RT: 2.81 min Scan# 98

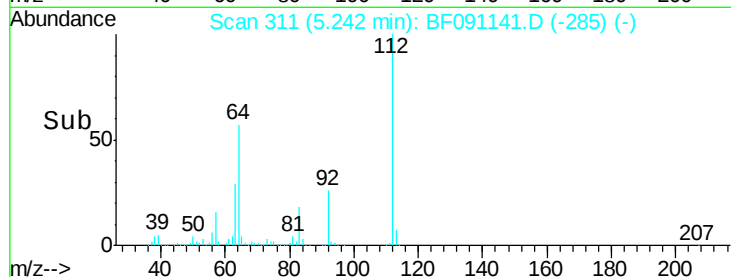
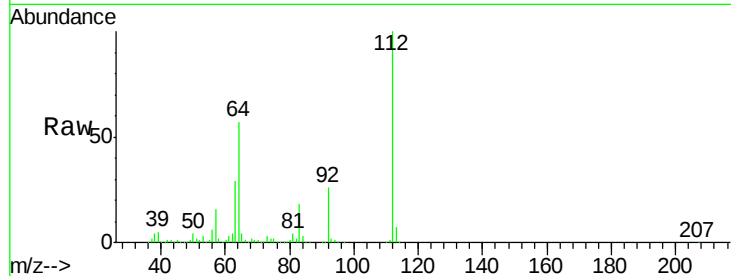
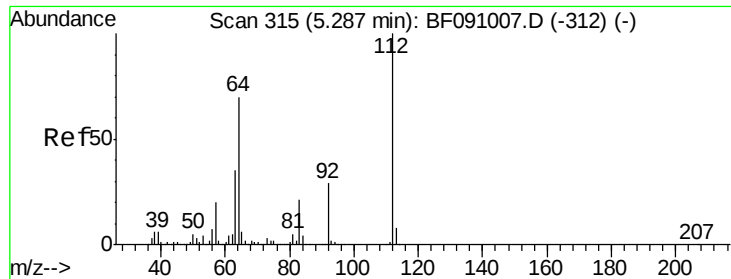
Delta R.T. 0.06 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion:	42	Resp:	179798
Ion	Ratio	Lower	Upper
42	100		
74	152.3	117.3	175.9
44	7.4	5.8	8.8





#5

2-Fluorophenol

Concen: 65.96 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		672323		
64	57.1	55.8	83.6		
63	29.0	28.0	42.0		

Instrument :

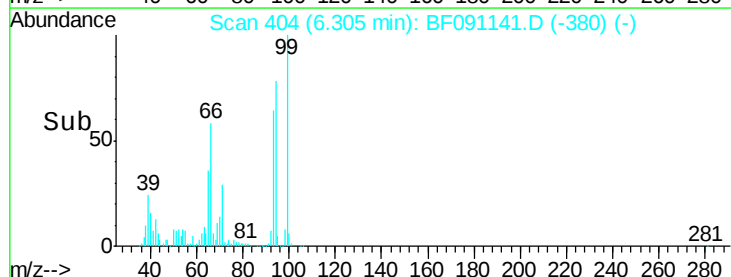
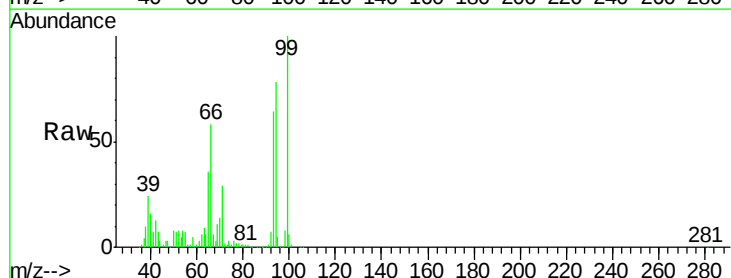
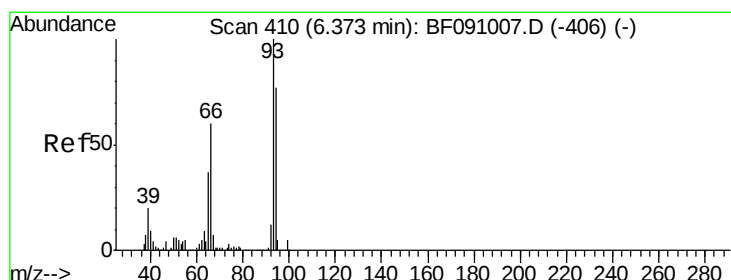
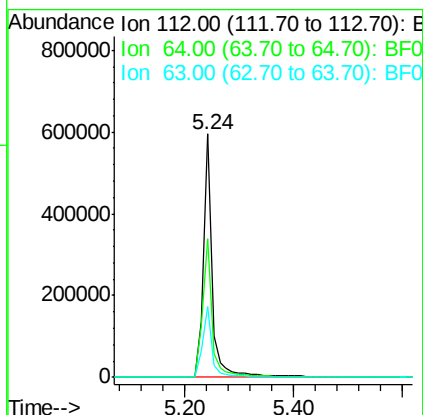
BNA_F

ClientSampleId :

PB94644BSD

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#6

Aniline

Concen: 22.18 ng

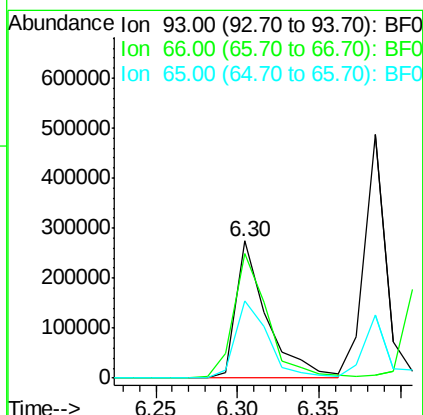
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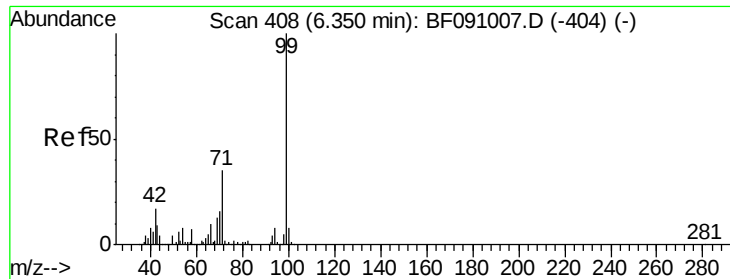
Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		361892		
66	90.7	48.2	72.2#		
65	56.6	29.4	44.0#		





#7

Phenol-d6

Concen: 62.10 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

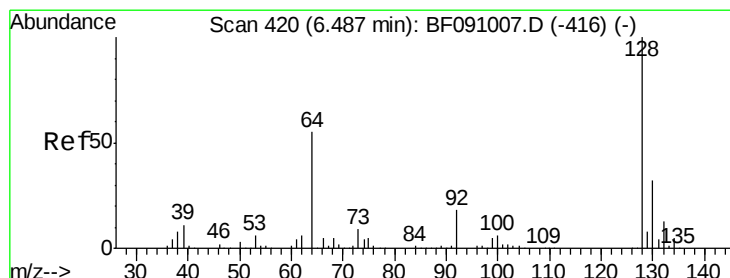
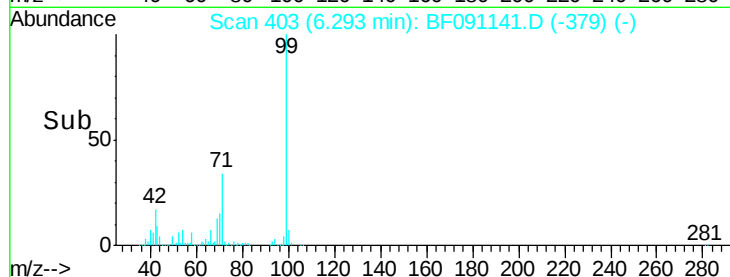
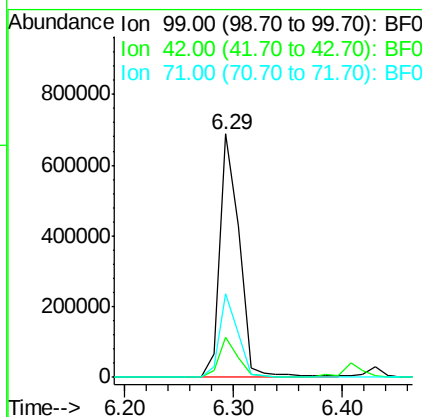
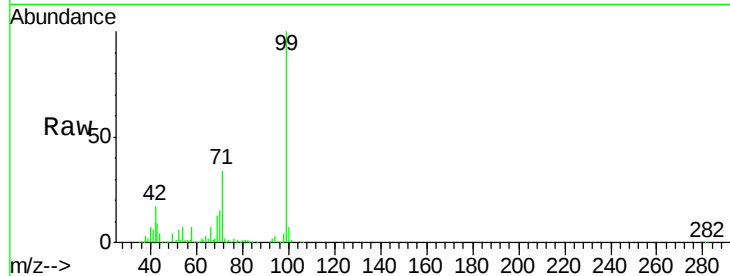
ClientSampleId :

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Tot Ion:	99	Resp:	859064
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.9	20.9
71	34.2	27.8	41.8

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#8

2-Chlorophenol

Concen: 39.10 ng

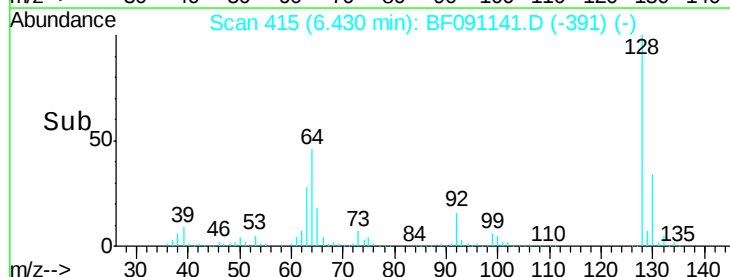
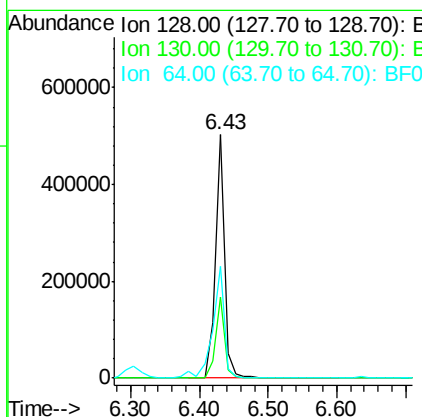
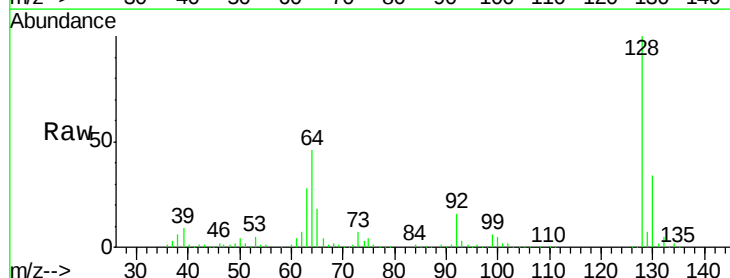
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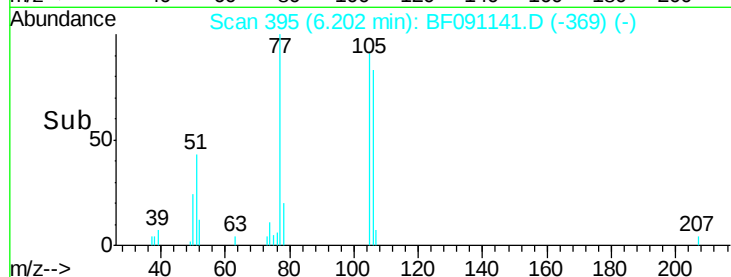
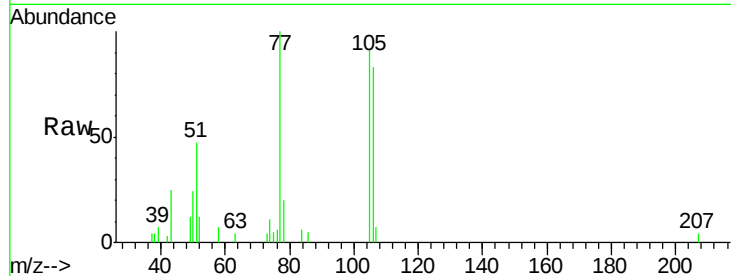
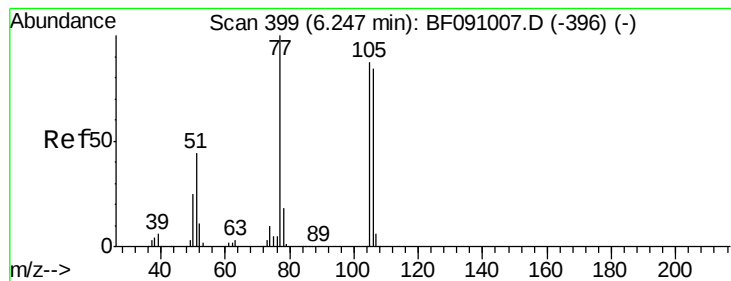
Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion:	128	Resp:	475345
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.0	52.0
64	46.0	37.2	77.2





#9

Benzaldehyde

Concen: 5.00 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tot Ion:	77	Resp:	38431
Ion Ratio	Lower	Upper	
77	100		
105	91.1	66.8	106.8
106	83.5	64.0	104.0

Instrument :

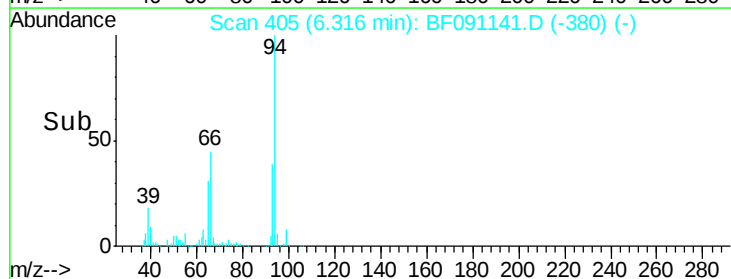
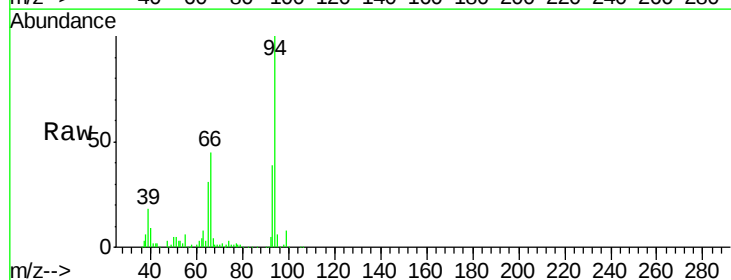
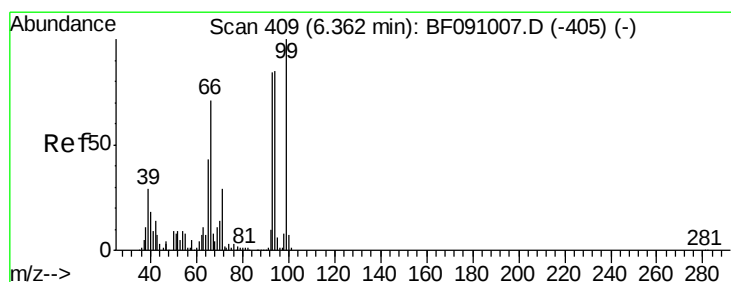
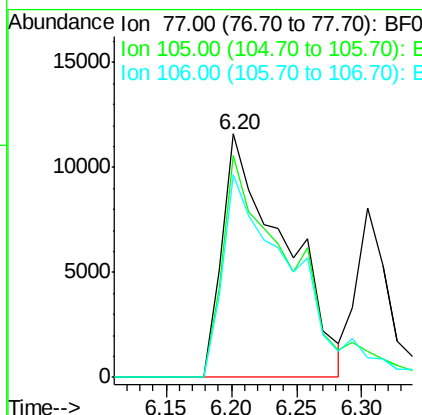
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 34.60 ng

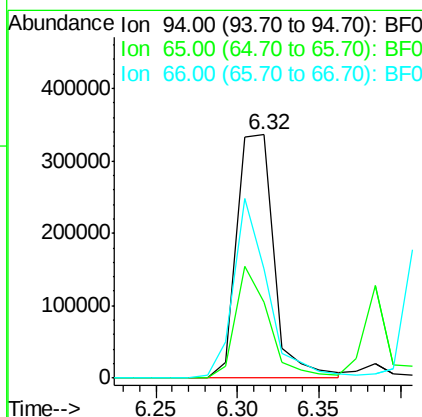
RT: 6.32 min Scan# 405

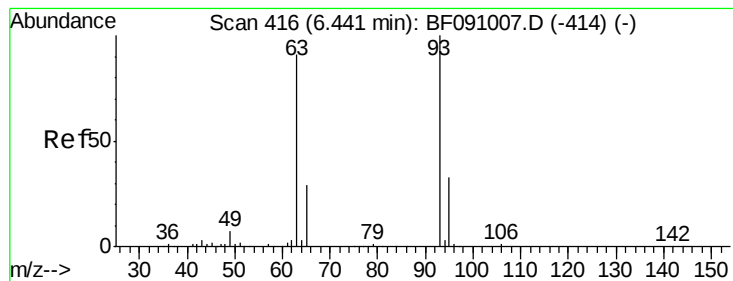
Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion:	94	Resp:	529742
Ion Ratio	Lower	Upper	
94	100		
65	31.0	30.4	70.4
66	44.9	62.9	102.9#





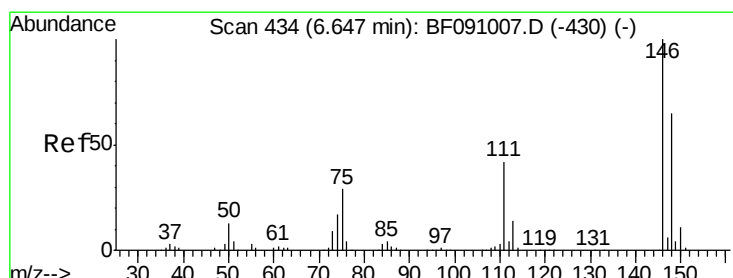
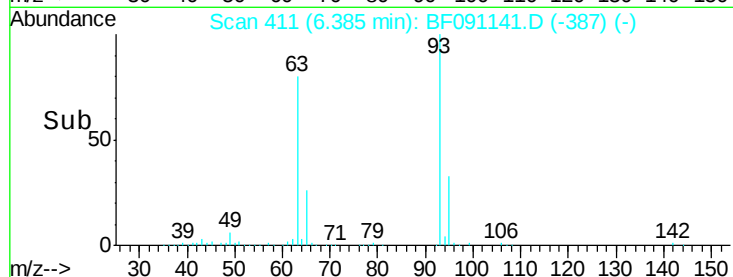
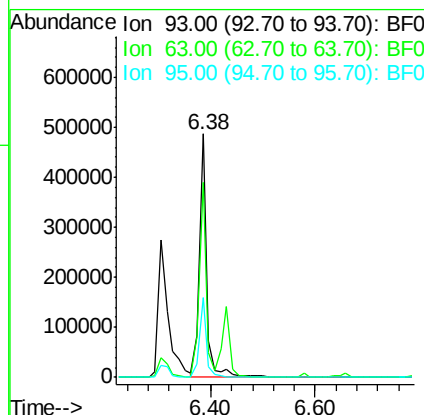
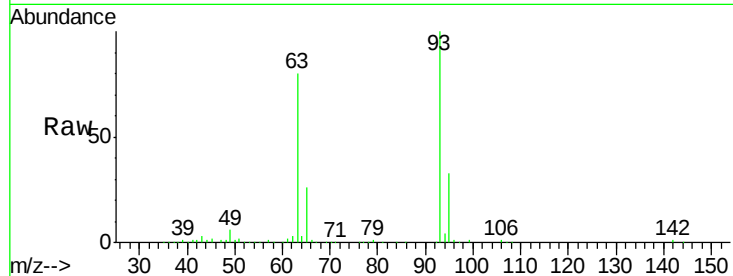
#11
bis(2-Chloroethyl)ether
Concen: 37.59 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	80.1	68.9	108.9	
95	33.0	12.3	52.3	

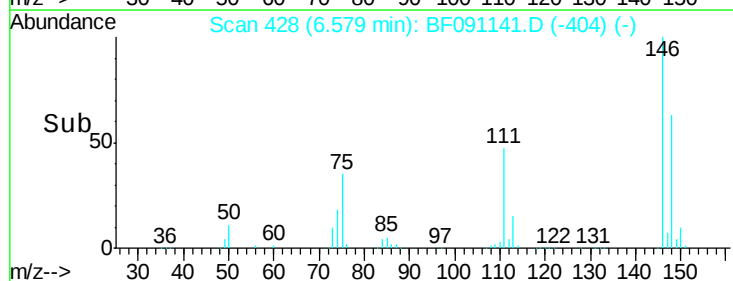
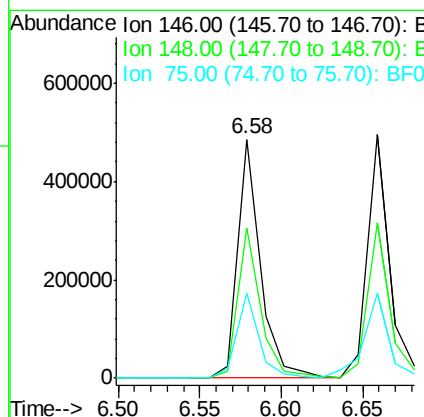
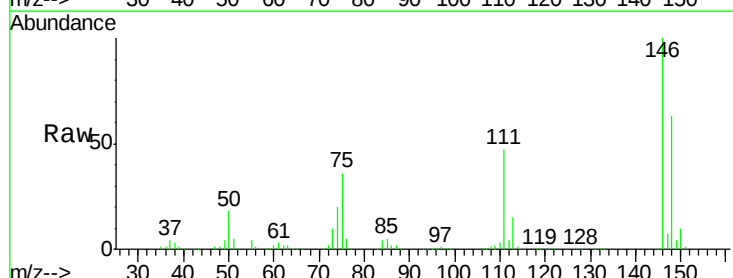
Manual Integrations
APPROVED

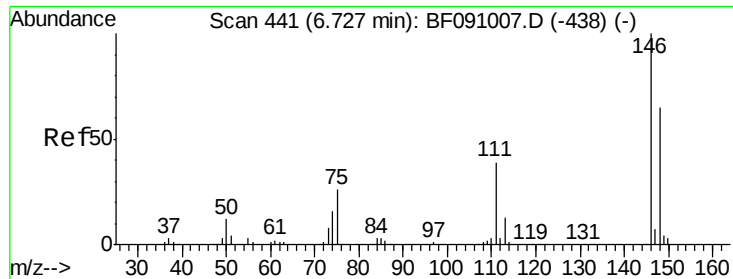
sohil
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#12
1,3-Dichlorobenzene
Concen: 37.93 ng
RT: 6.58 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.1	52.0	78.0	
75	35.7	23.0	34.6	





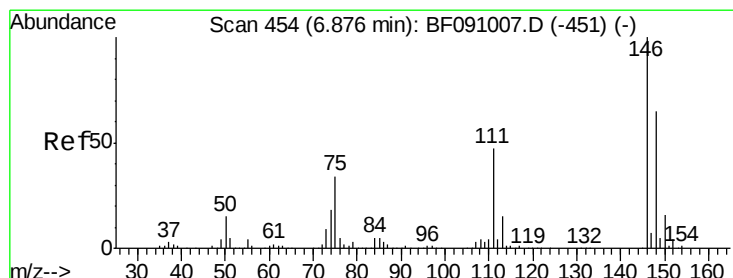
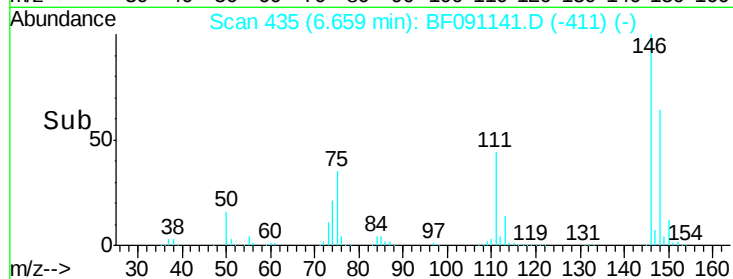
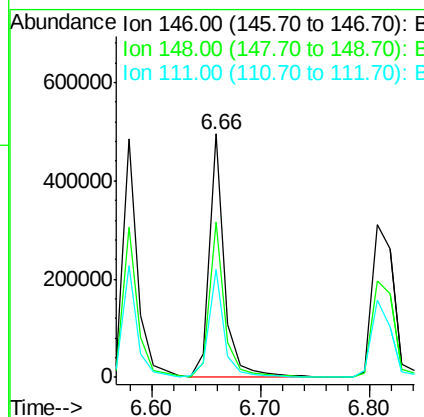
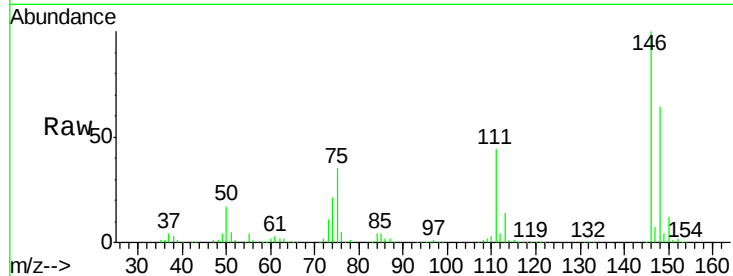
#13
1,4-Dichlorobenzene
Concen: 37.02 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
111	44.3	31.6	47.4

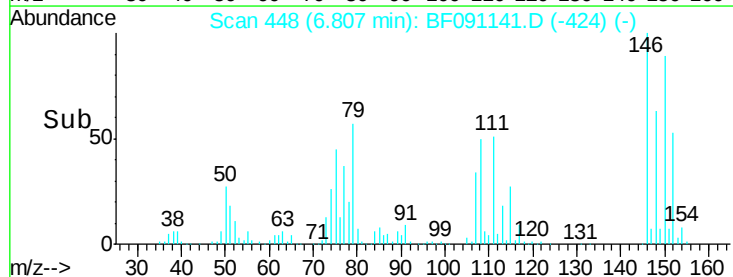
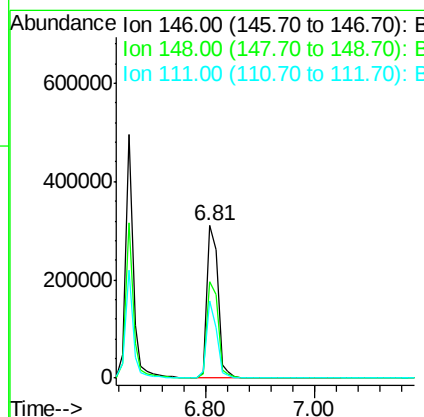
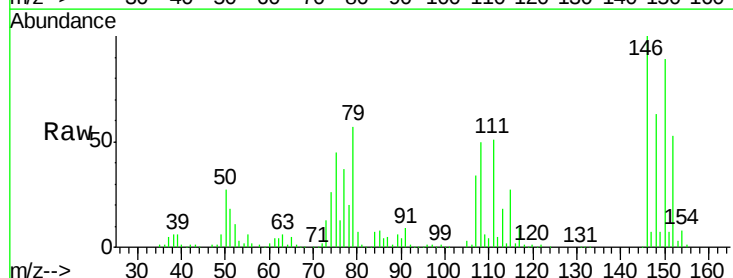
Manual Integrations
APPROVED

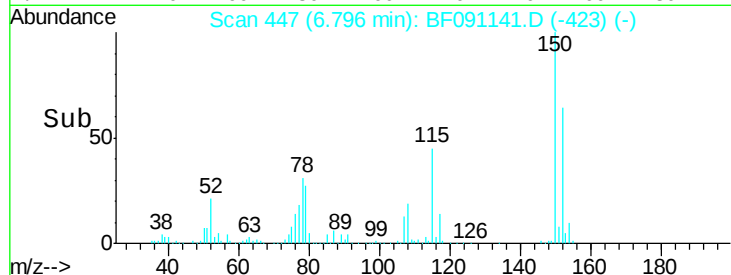
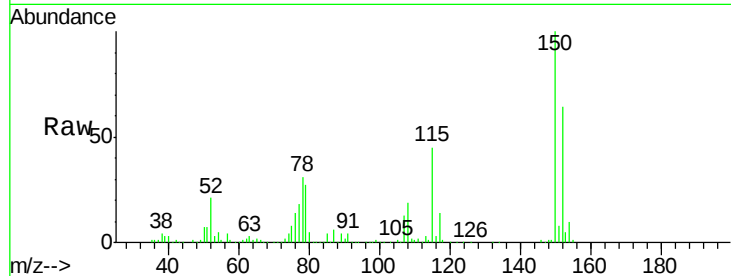
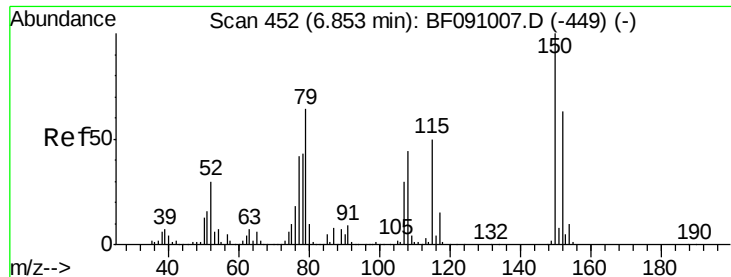
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#14
1,2-Dichlorobenzene
Concen: 36.19 ng
RT: 6.81 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.6	77.4
111	50.8	37.3	55.9





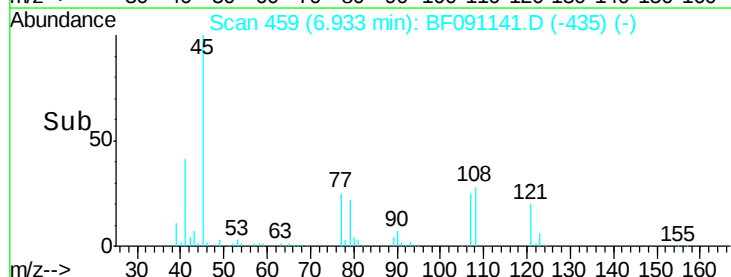
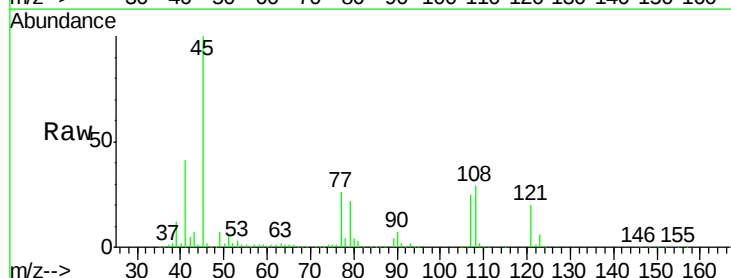
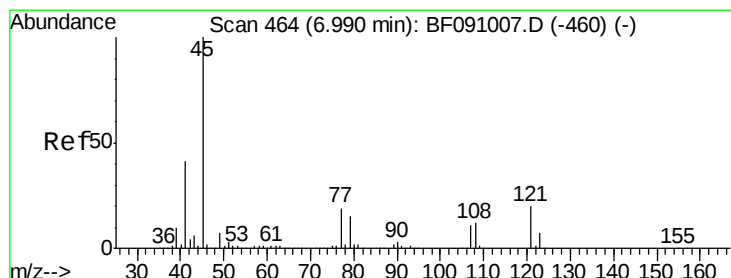
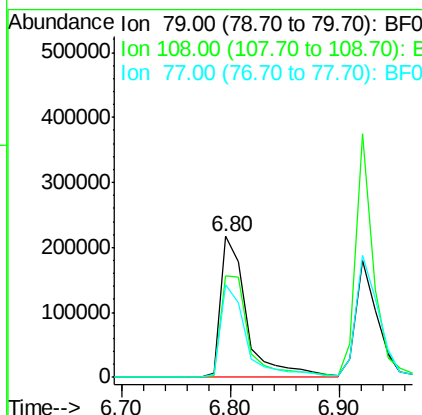
#15
Benzyl Alcohol
Concen: 37.47 ng
RT: 6.80 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	71.7	55.7	83.5	
77	66.0	52.6	79.0	

Instrument :
BNA_F
ClientSampleID :
PB94644BSD

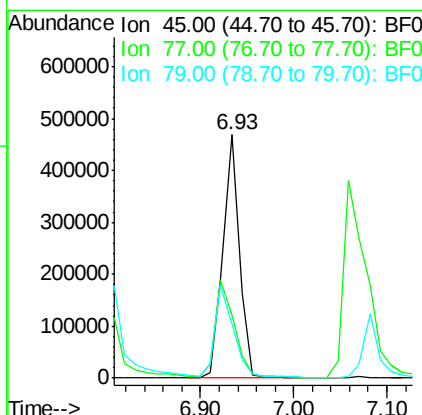
Manual Integrations
APPROVED

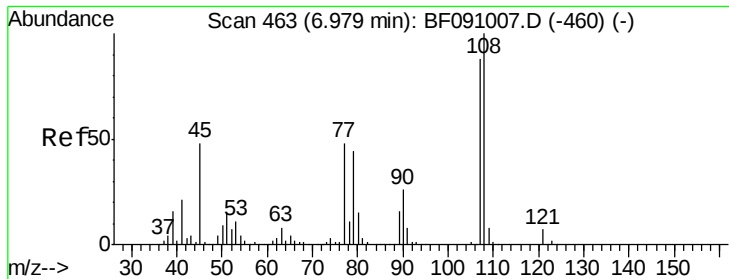
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.66 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	25.8	0.0	39.6	
79	22.2	0.0	35.9	





#17

2-Methylphenol

Concen: 38.48 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

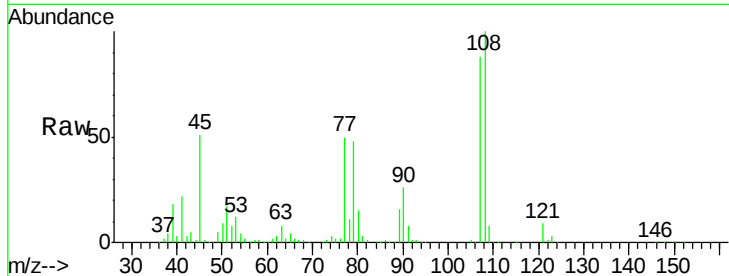
ClientSampleId :

PB94644BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.0	136.6
77	56.8	43.8	65.8
79	54.0	40.6	60.8

Manual Integrations
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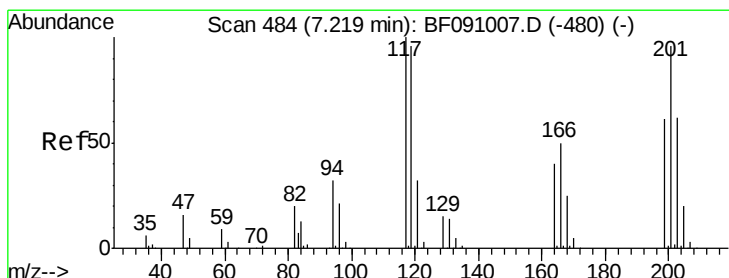
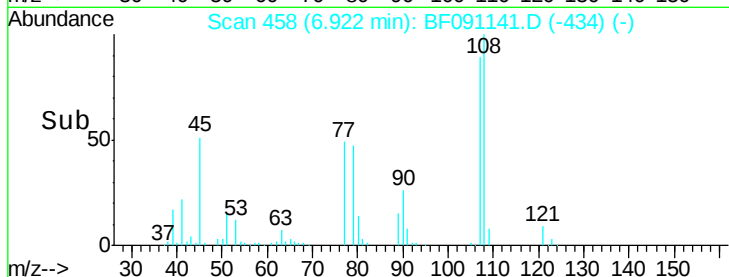
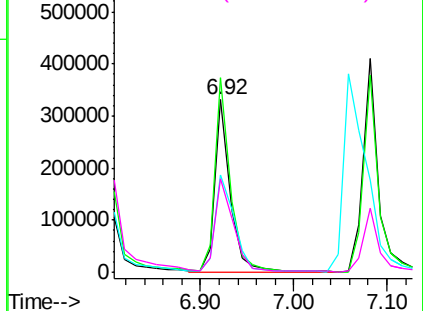
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.72 ng

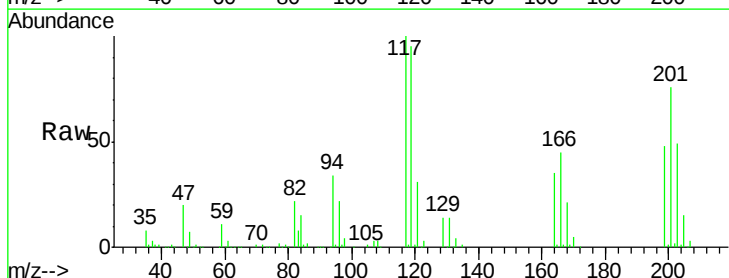
RT: 7.15 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.6	115.0
201	75.8	77.1	115.7#

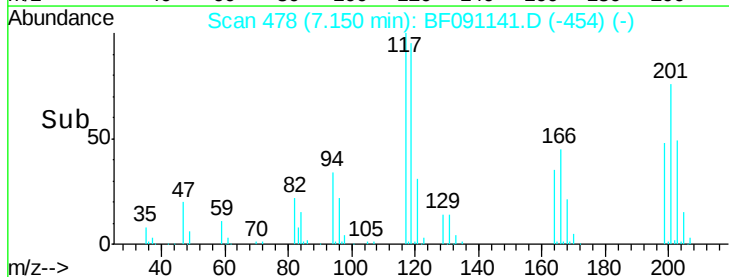
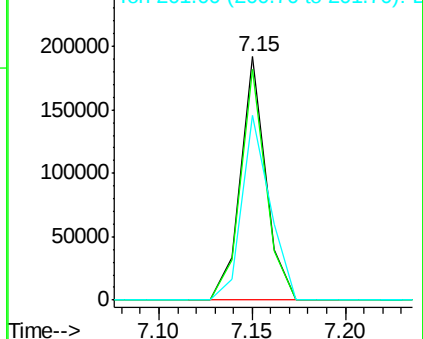


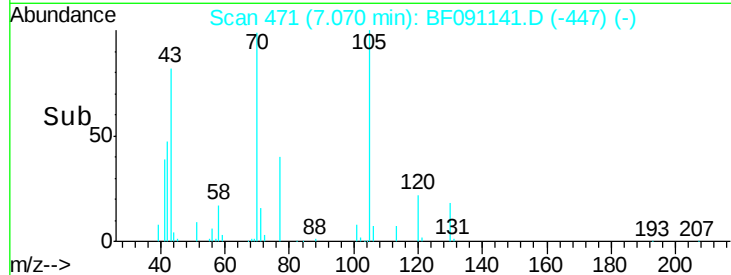
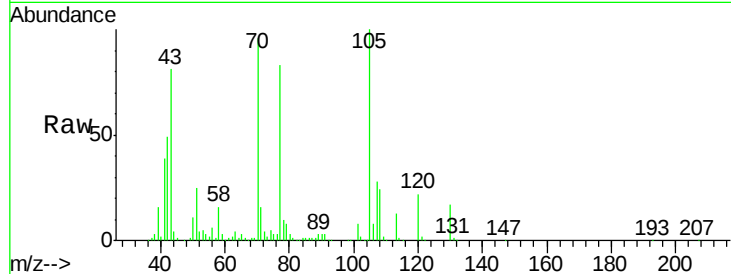
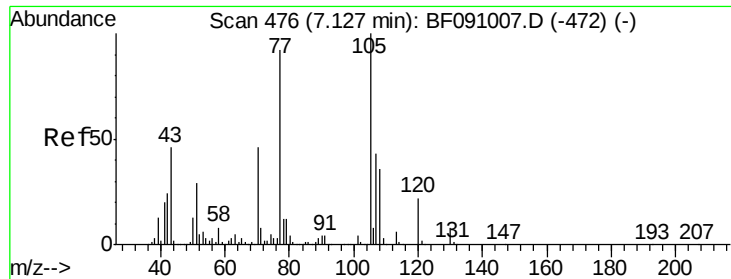
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





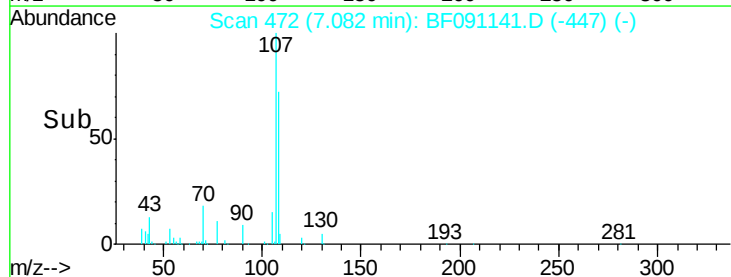
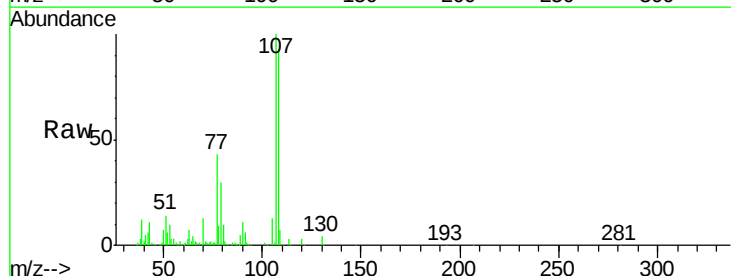
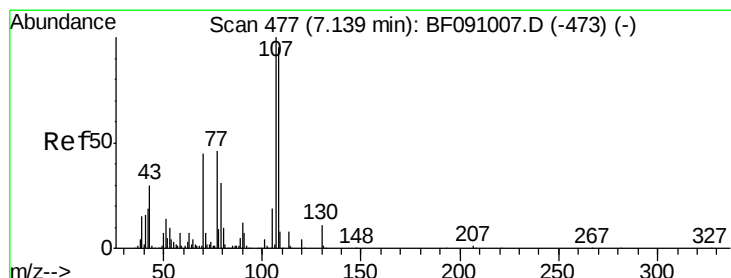
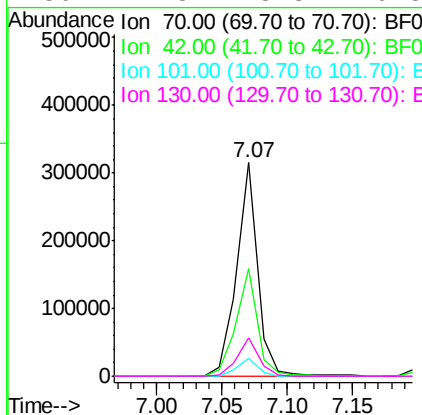
#19
n-Nitroso-di-n-propylamine
Concen: 36.62 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.3	41.7	62.5
101	8.4	6.7	10.1
130	17.8	13.8	20.8

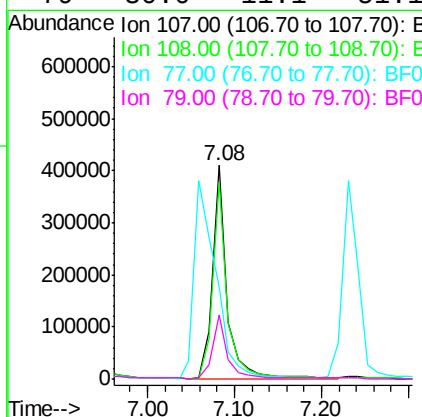
Manual Integrations
APPROVED

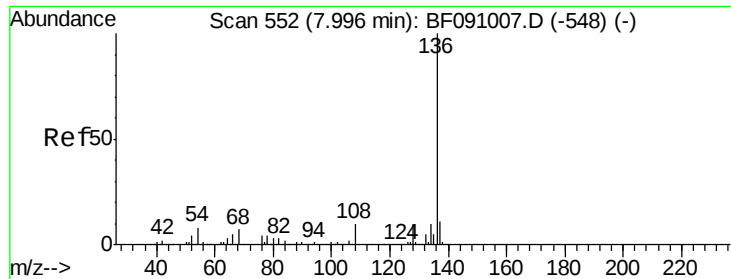
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#20
3+4-Methylphenols
Concen: 41.50 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	75.5	115.5
77	43.4	26.4	66.4
79	30.0	11.1	51.1





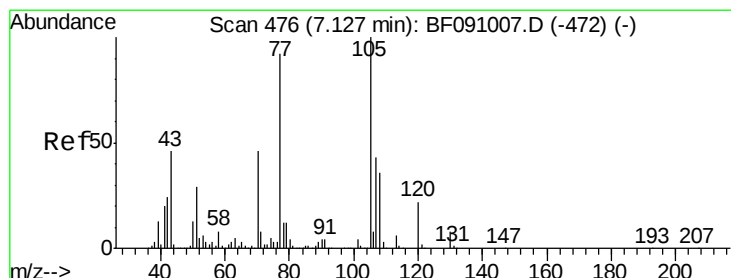
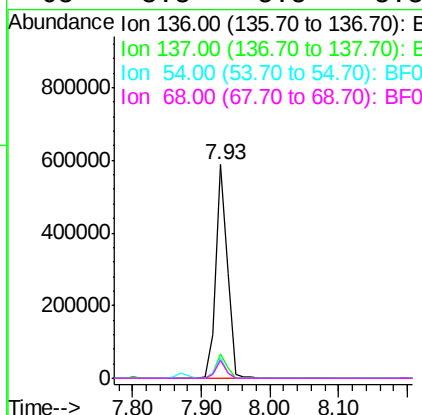
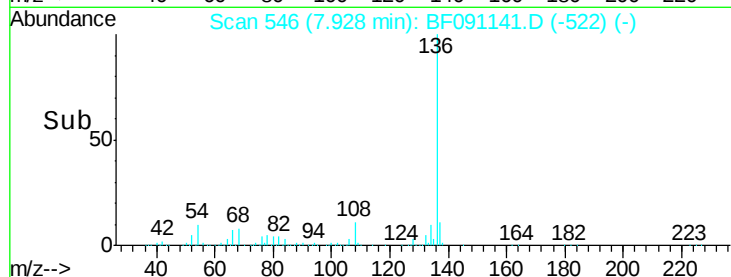
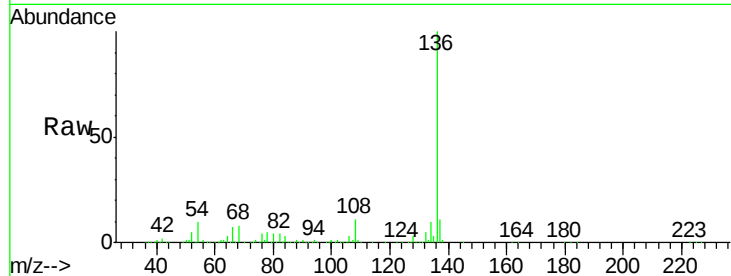
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	704632		
137	11.3	8.9	13.3	
54	9.7	6.2	9.2#	
68	8.3	5.5	8.3#	

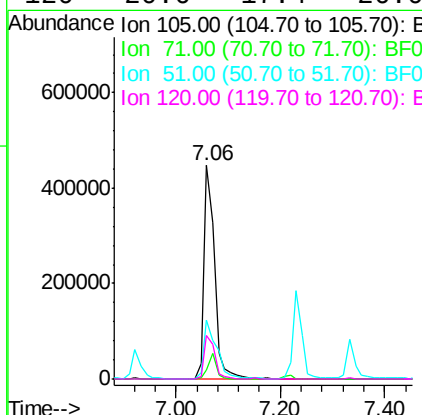
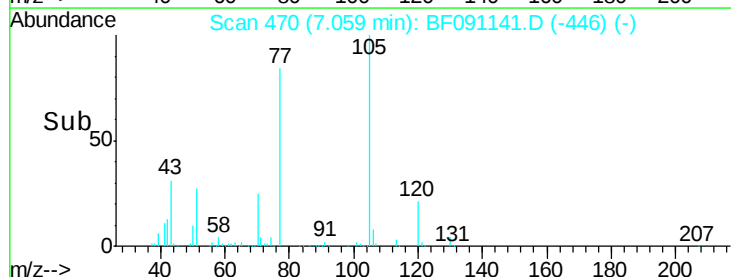
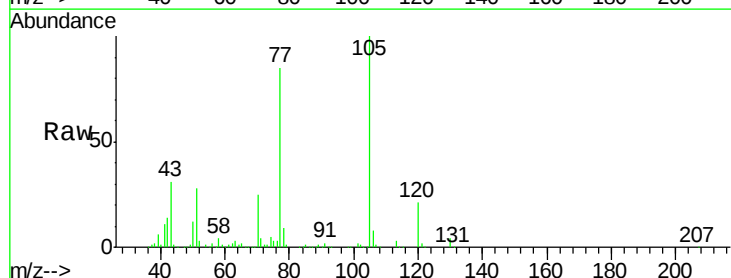
Manual Integrations
APPROVED

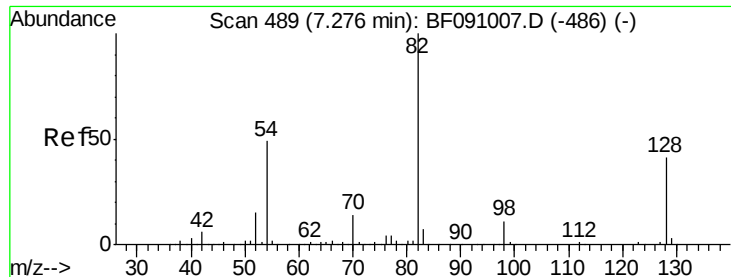
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#22
Acetophenone
Concen: 39.11 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	634458		
71	4.2	6.2	9.2#	
51	27.6	23.3	34.9	
120	20.6	17.4	26.0	





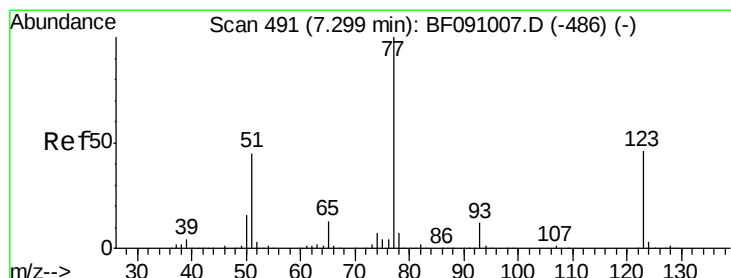
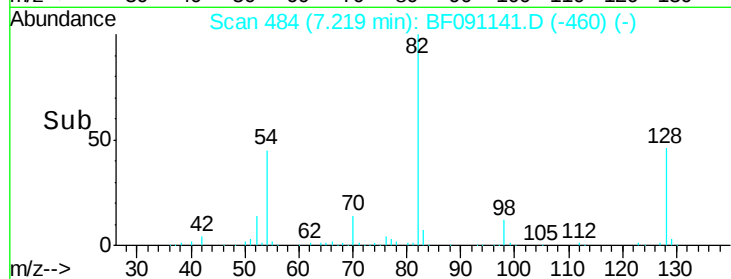
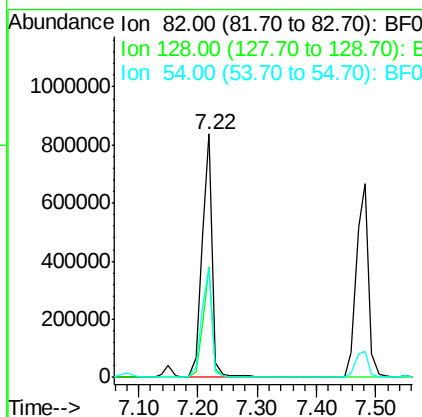
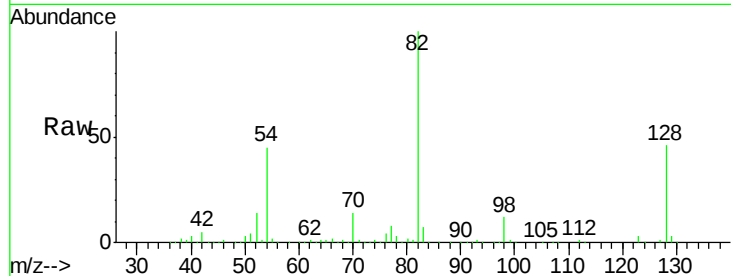
#23
Nitrobenzene-d5
Concen: 79.13 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion: 82 Resp: 1022122
Ion Ratio Lower Upper
82 100
128 45.5 32.4 48.6
54 44.8 39.2 58.8

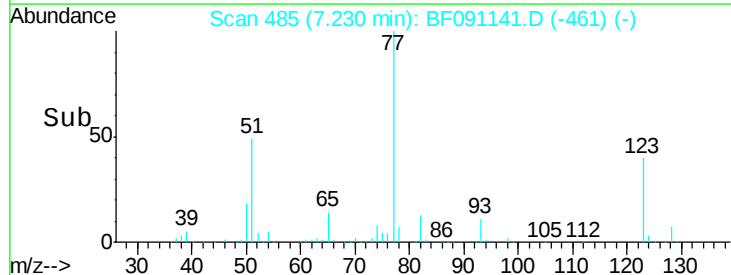
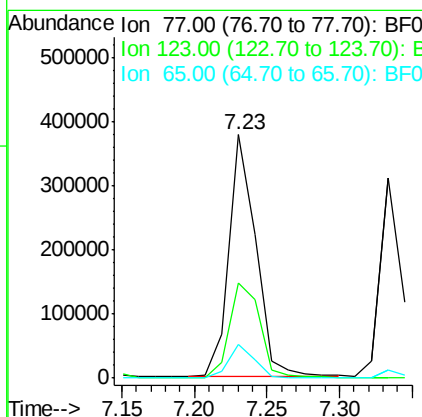
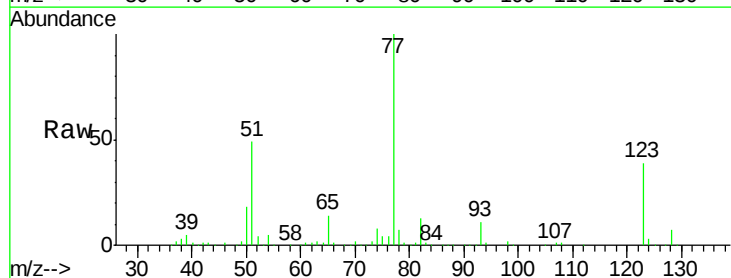
Manual Integrations
APPROVED

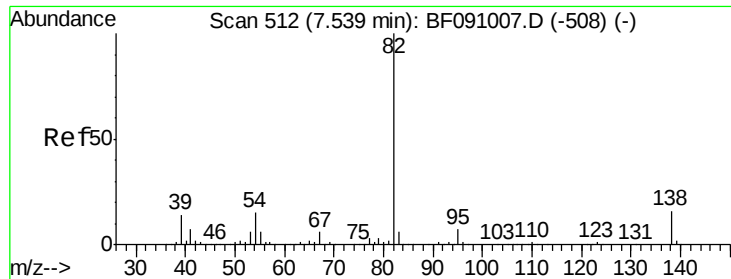
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#24
Nitrobenzene
Concen: 34.25 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion: 77 Resp: 488539
Ion Ratio Lower Upper
77 100
123 38.9 36.5 54.7
65 13.8 10.7 16.1





#25

Isophorone

Concen: 37.67 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

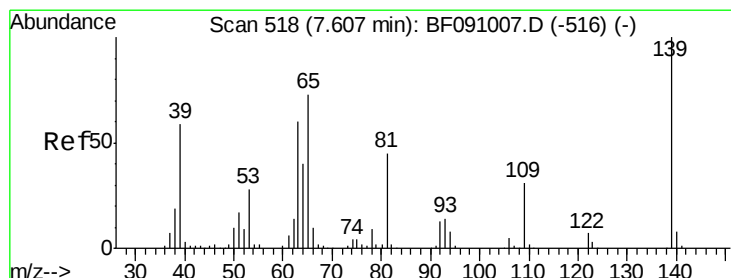
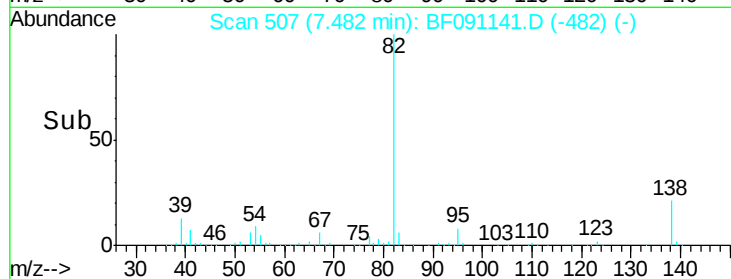
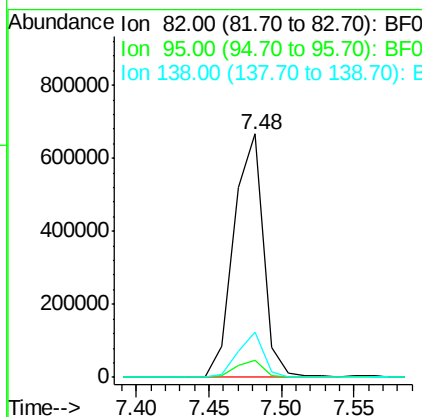
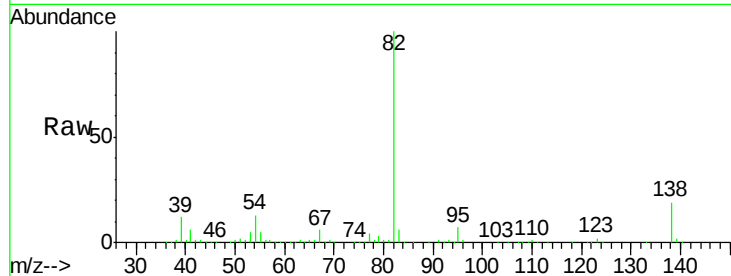
ClientSampleId :

PB94644BSD

Tot Ion:	82	Resp:	937650
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.4	8.0
138	18.5	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.51 ng

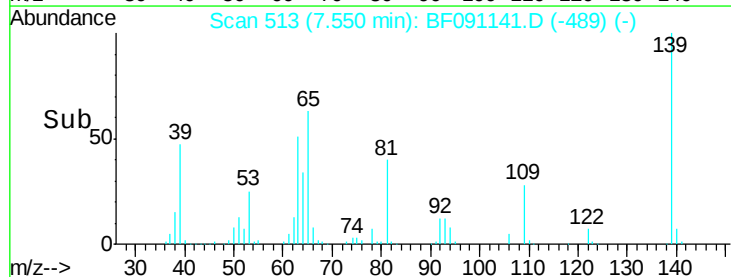
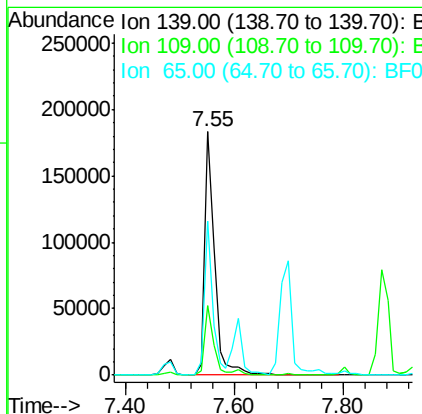
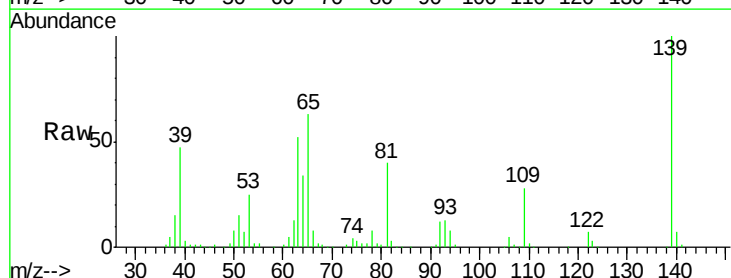
RT: 7.55 min Scan# 513

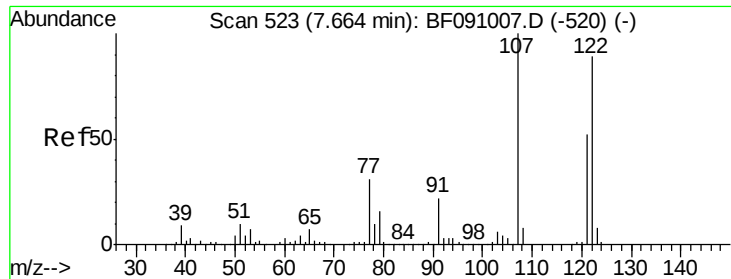
Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion:	139	Resp:	232479
Ion Ratio		Lower	Upper
139	100		
109	28.5	24.7	37.1
65	63.1	58.3	87.5





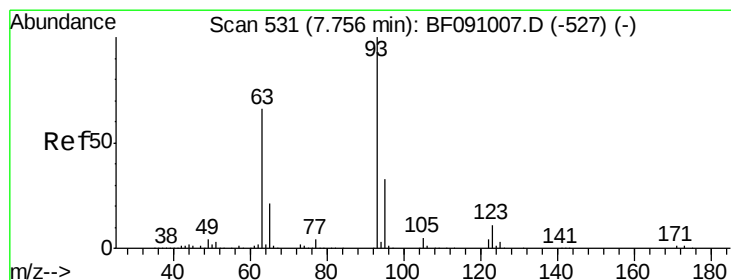
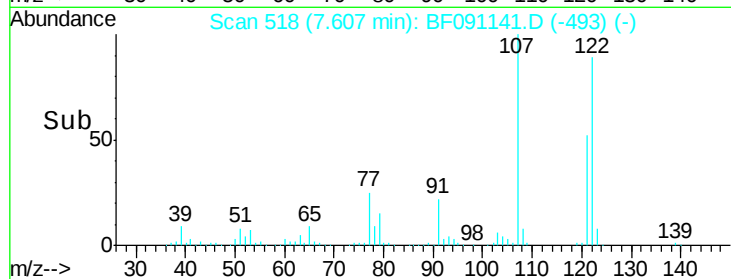
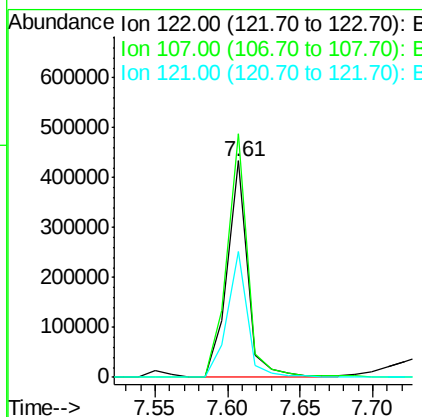
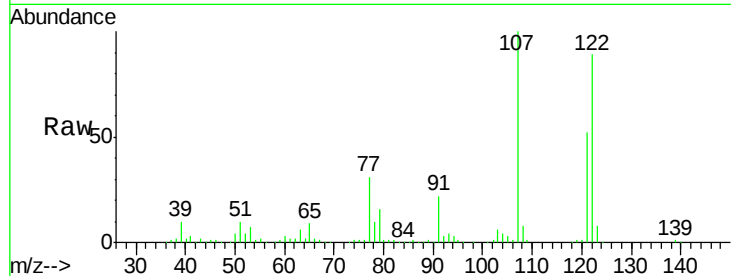
#27
 2,4-Dimethylphenol
 Concen: 42.38 ng
 RT: 7.61 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	89.6	134.4
121	58.4	46.3	69.5

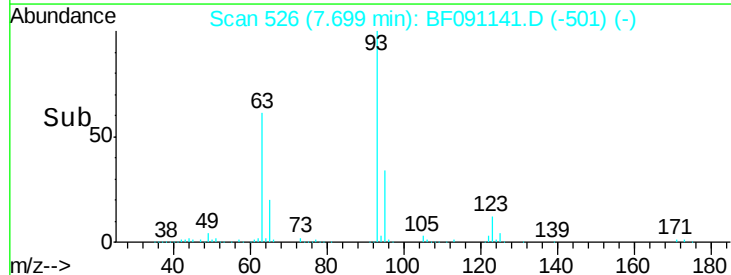
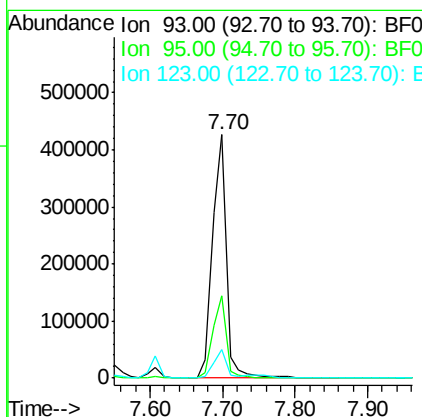
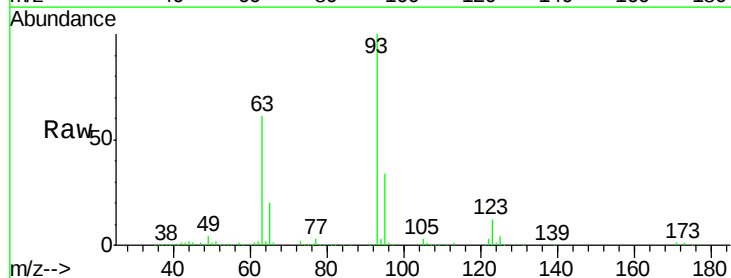
Manual Integrations
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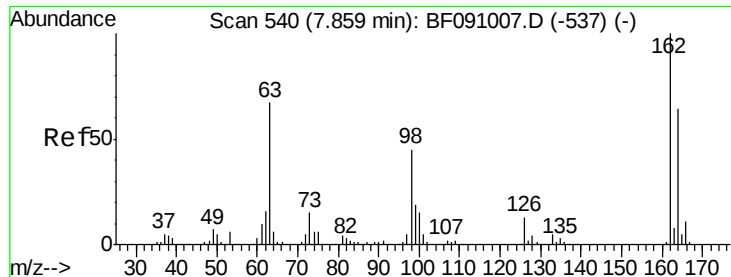
sohil
 11/14/2016 6:36:56 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.35 ng
 RT: 7.70 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.3	39.5
123	11.7	8.7	13.1





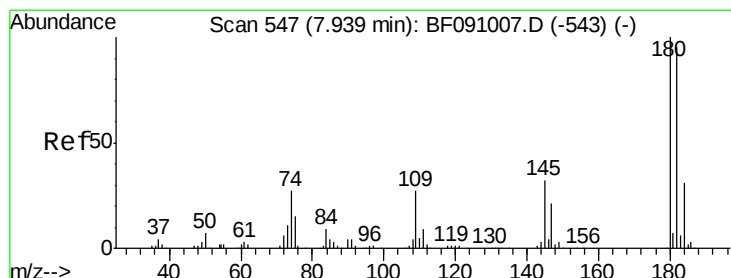
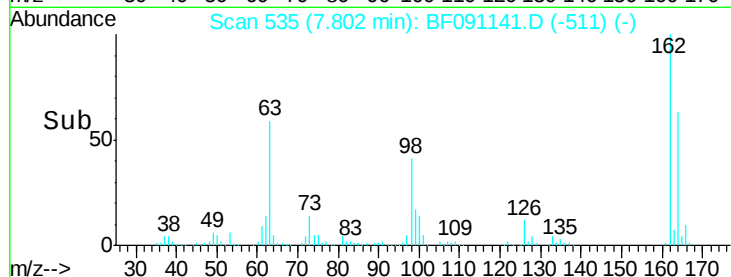
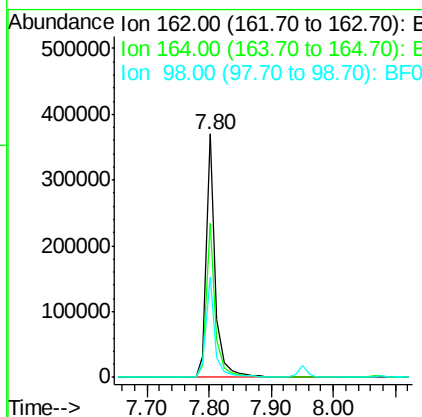
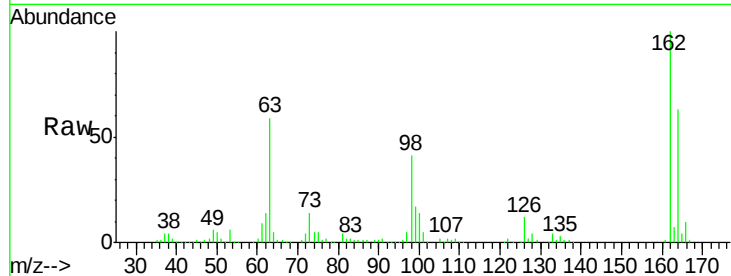
#29
2,4-Dichlorophenol
Concen: 42.88 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	44.4	84.4
98	41.3	25.2	65.2

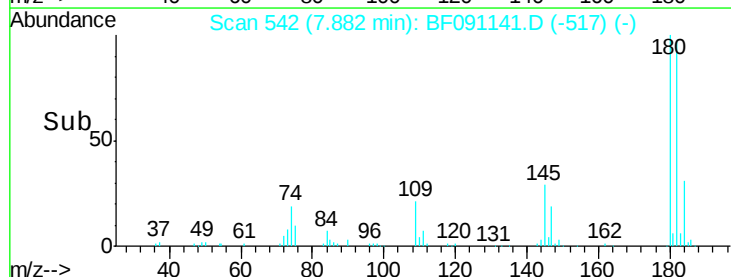
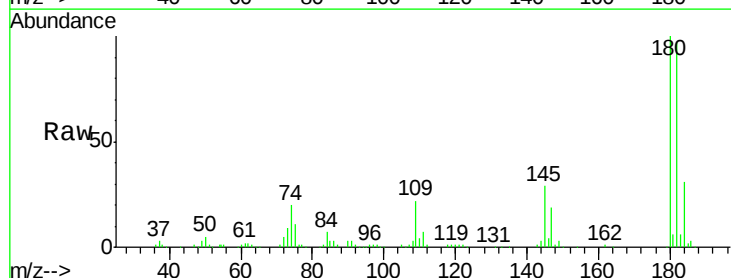
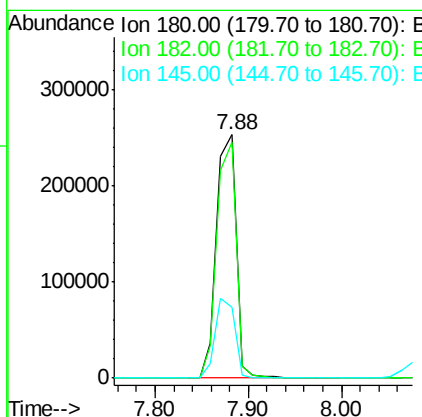
Manual Integrations
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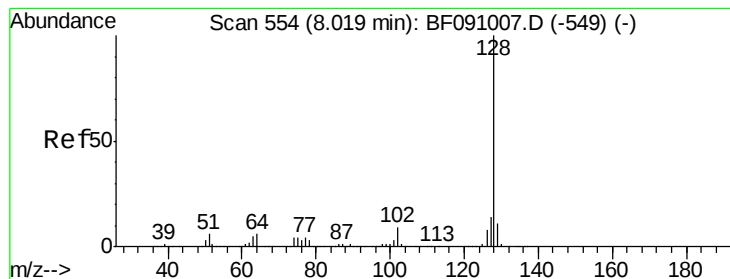
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#30
1,2,4-Trichlorobenzene
Concen: 38.08 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.9	76.0	114.0
145	29.0	25.8	38.8





#31

Naphthalene

Concen: 38.08 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

PB94644BSD

Tot Ion:128 Resp: 1283224

Ion Ratio Lower Upper

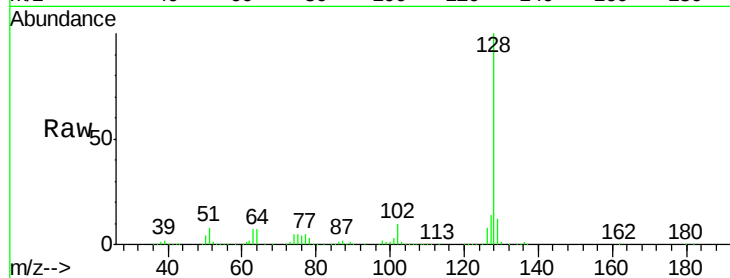
128 100

129 11.7 9.0 13.6

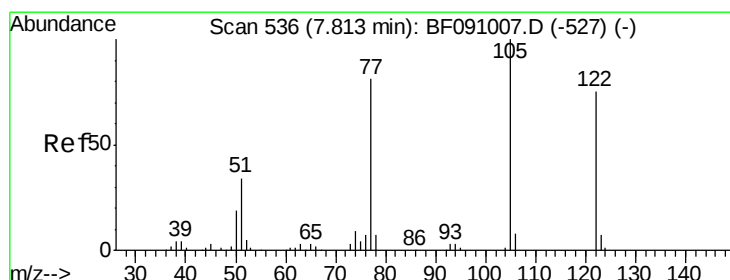
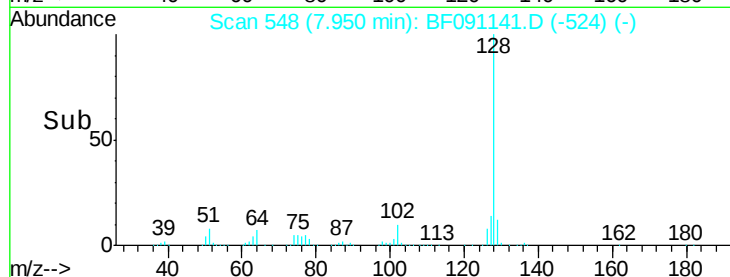
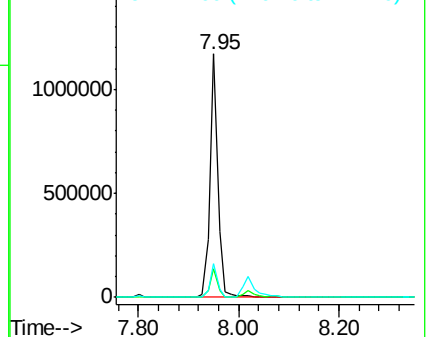
127 13.6 10.9 16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.14 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

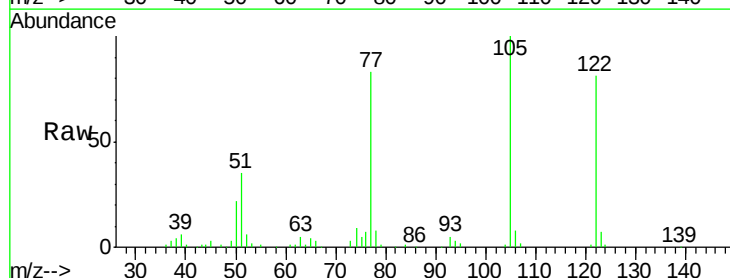
Tgt Ion:122 Resp: 209615

Ion Ratio Lower Upper

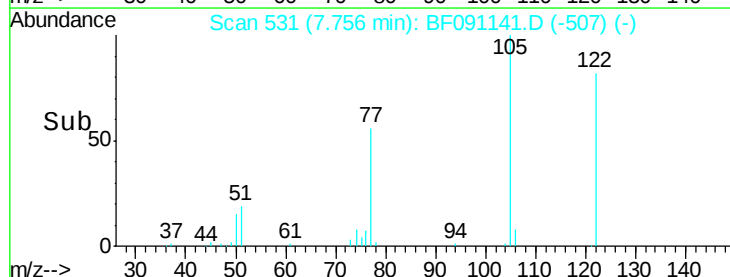
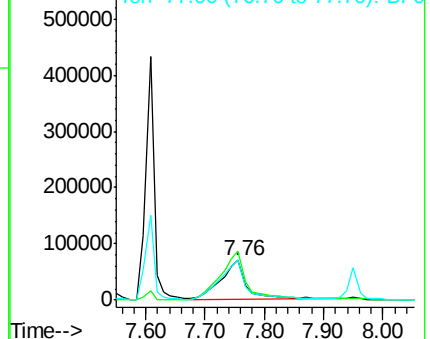
122 100

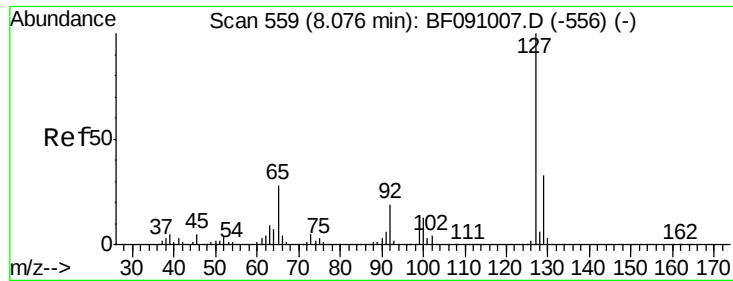
105 123.3 105.9 145.9

77 101.7 84.0 124.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





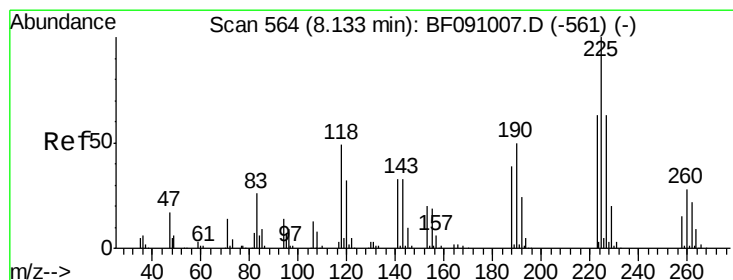
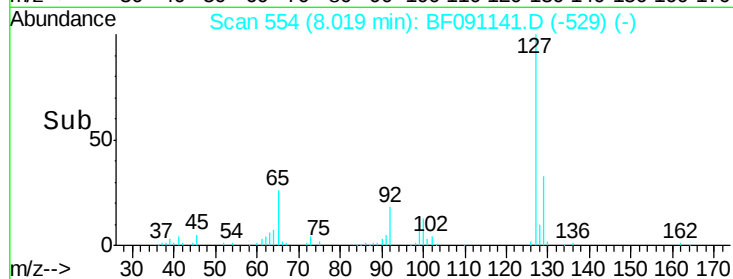
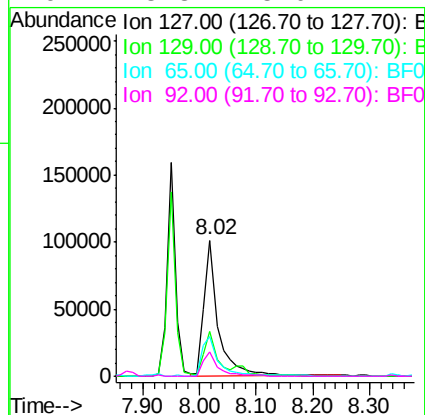
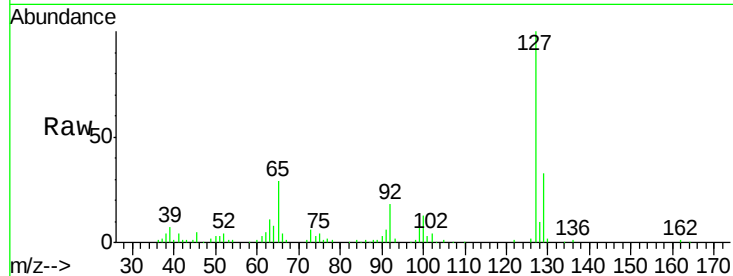
#33
4-Chloroaniline
Concen: 12.23 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7		26.6	39.8	
65	29.5		22.2	33.2	
92	18.3		15.0	22.4	

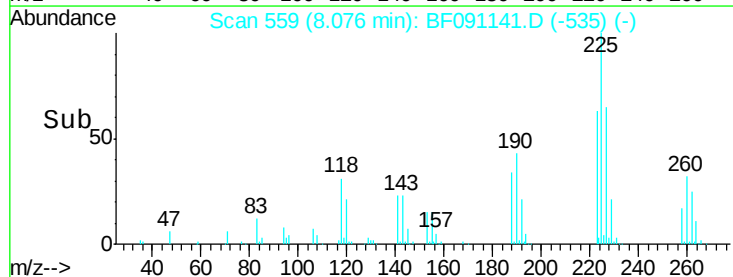
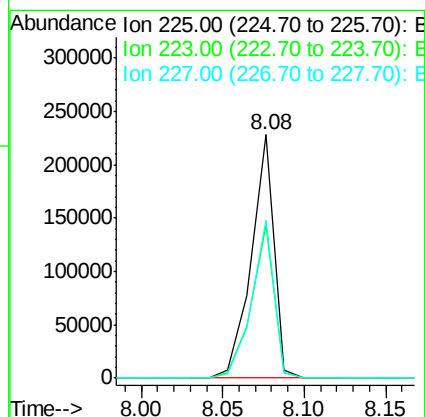
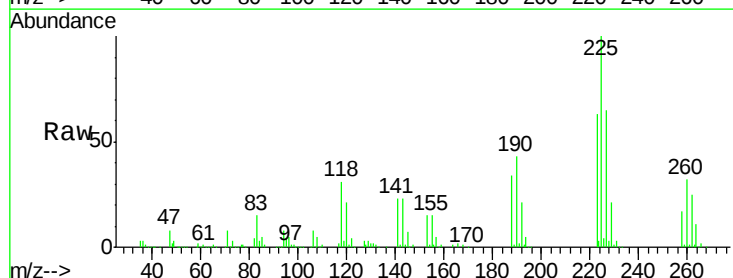
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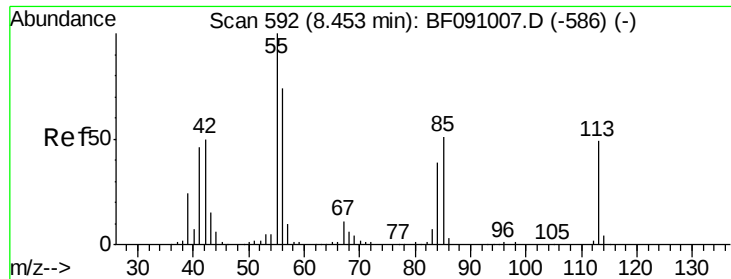
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#34
Hexachlorobutadiene
Concen: 41.58 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5		50.4	75.6	
227	64.7		50.1	75.1	





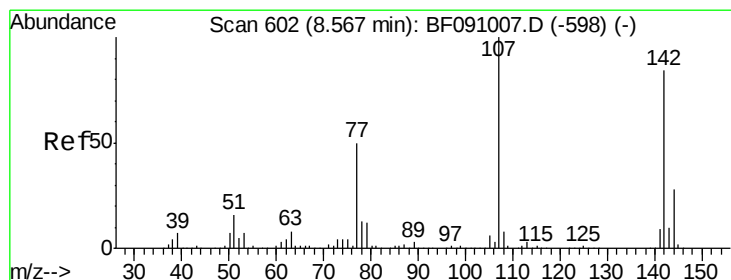
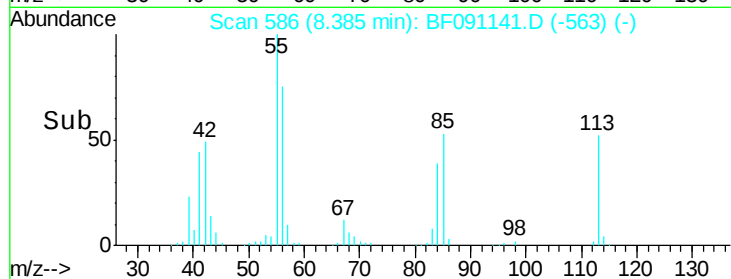
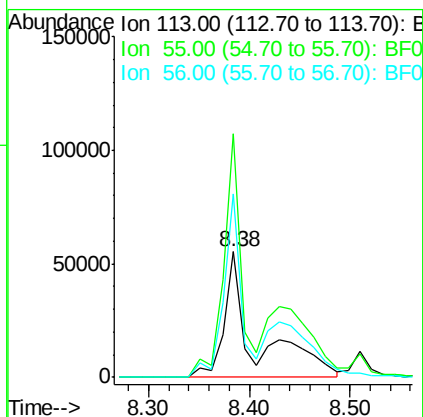
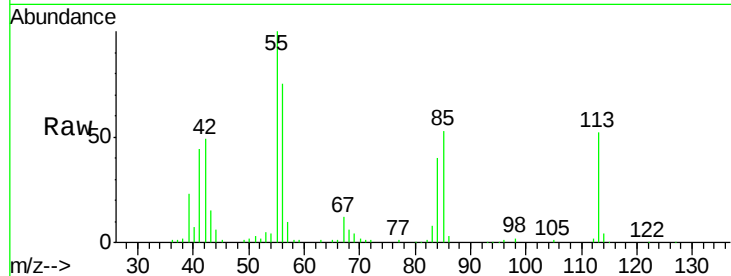
#35
Caprolactam
Concen: 43.78 ng/ml
RT: 8.38 min Scan# 586
Delta R.T. -0.03 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleID :
PB94644BSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	193.9	184.1	224.1	
56	145.8	132.0	172.0	

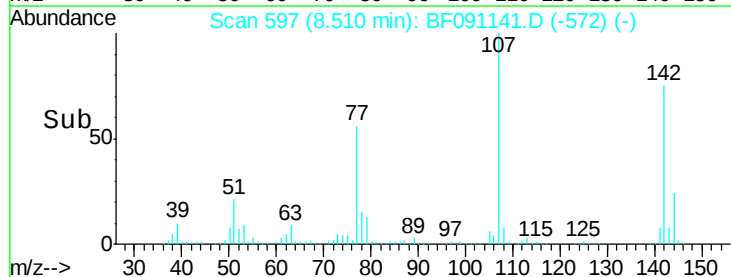
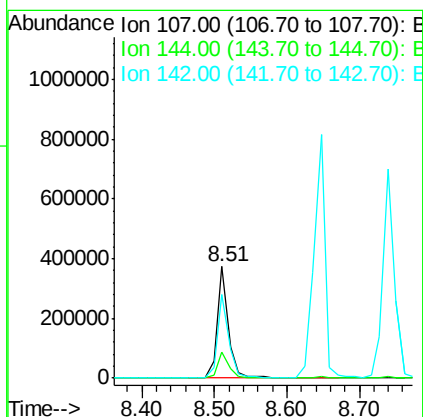
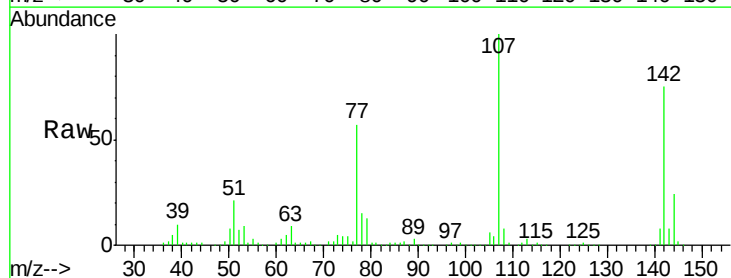
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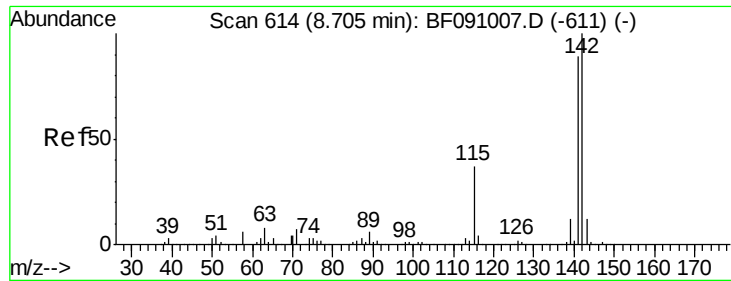
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#36
4-Chloro-3-methylphenol
Concen: 38.20 ng/ml
RT: 8.51 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.7	22.5	33.7	
142	74.5	67.4	101.2	





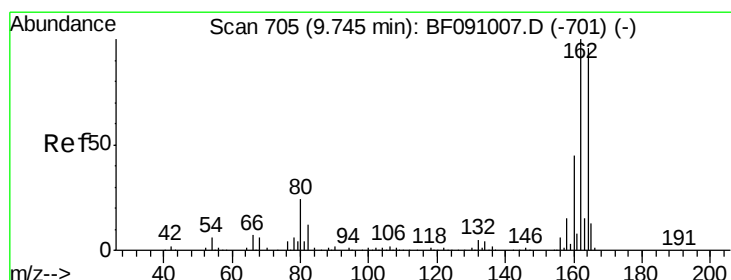
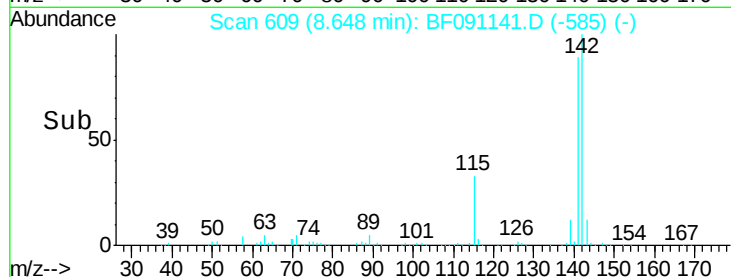
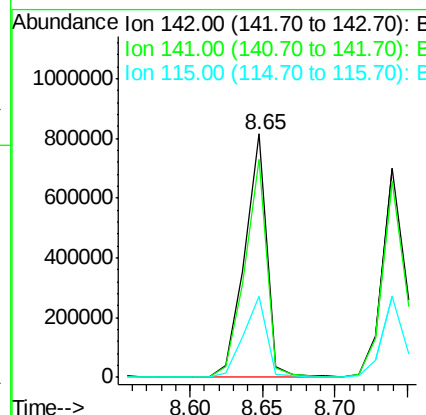
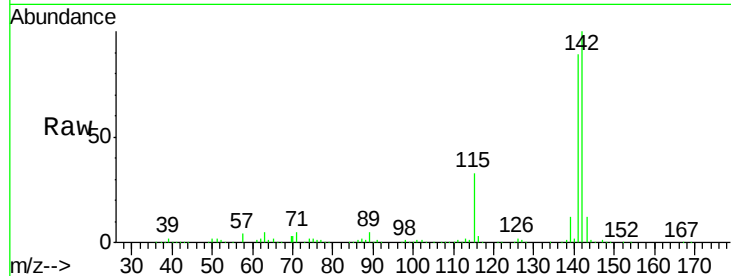
#37
2-Methylnaphthalene
Concen: 40.18 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	33.4	29.9	44.9

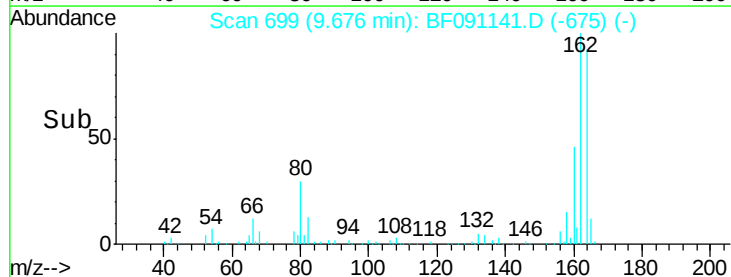
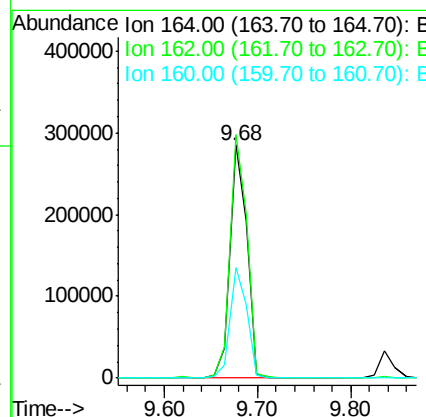
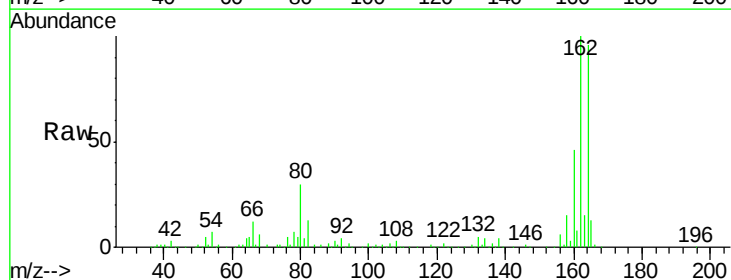
Manual Integrations
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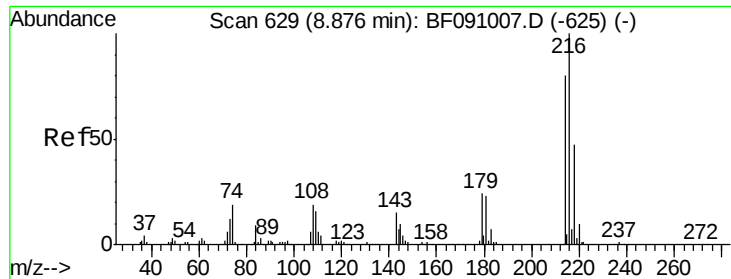
sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.6	125.4
160	47.5	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.51 ng

RT: 8.82 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

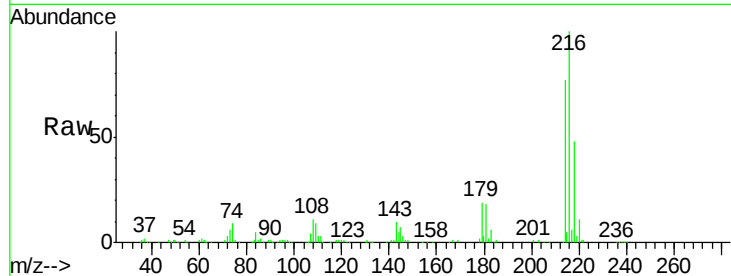
ClientSampleId :

PB94644BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		354505		
214	79.8		63.5	95.3	
179	22.9		19.1	28.7	
108	23.3		17.5	26.3	

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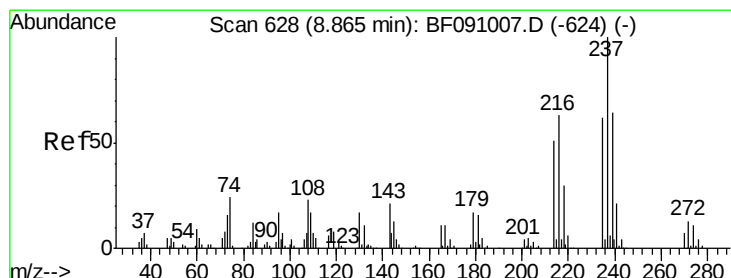
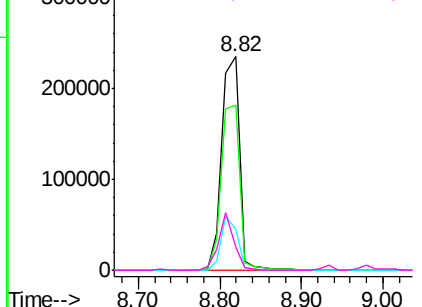
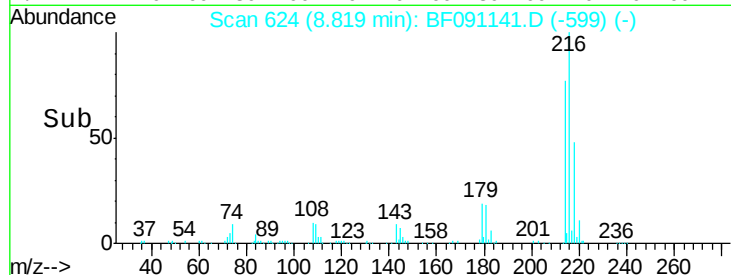


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 86.62 ng

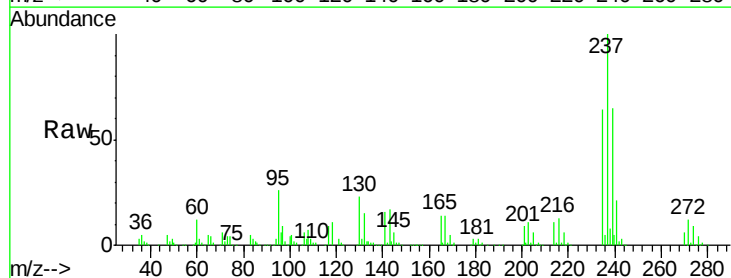
RT: 8.80 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

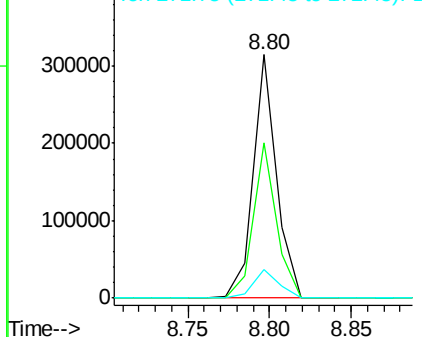
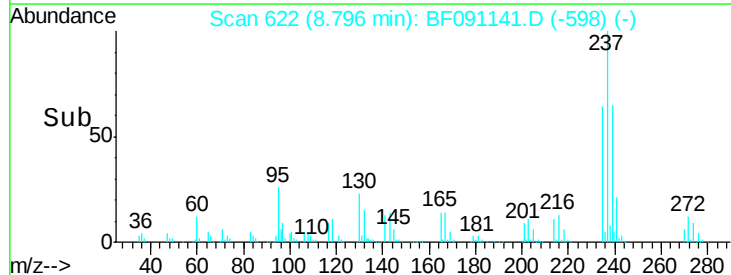
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		311482		
235	63.9		42.1	82.1	
272	11.7		0.0	33.1	

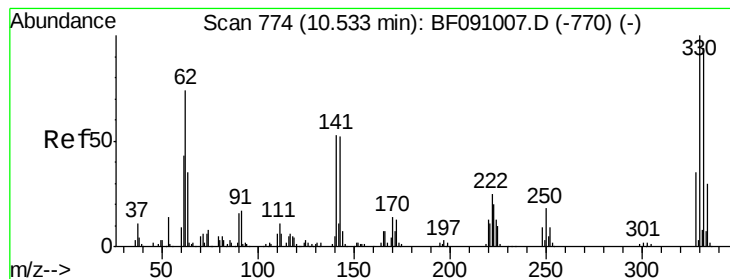


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 62.21 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

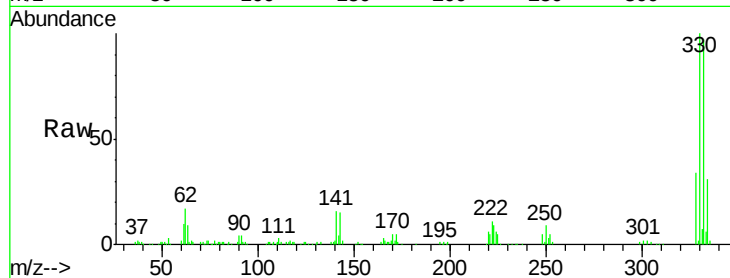
ClientSampleID :

PB94644BSD

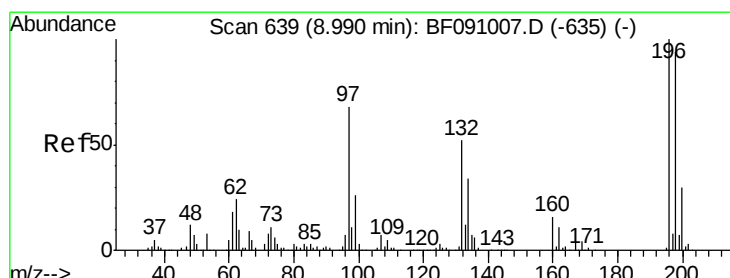
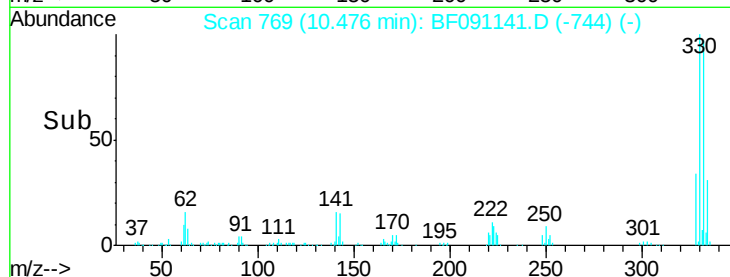
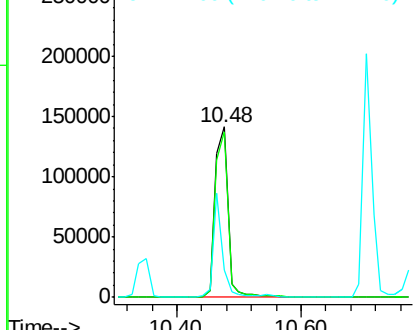
Tot Ion:	330	Resp:	203055
Ion Ratio	Lower	Upper	
330	100		
332	96.7	75.9	113.9
141	42.4	36.1	54.1

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.96 ng

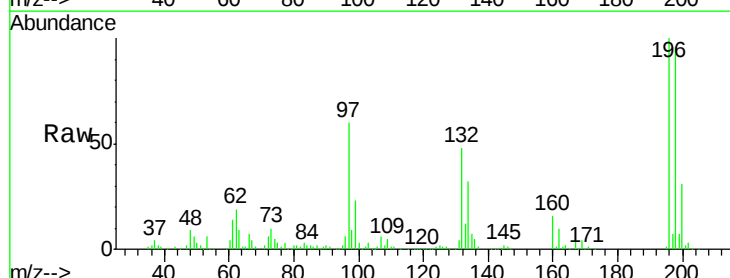
RT: 8.93 min Scan# 634

Delta R.T. -0.01 min

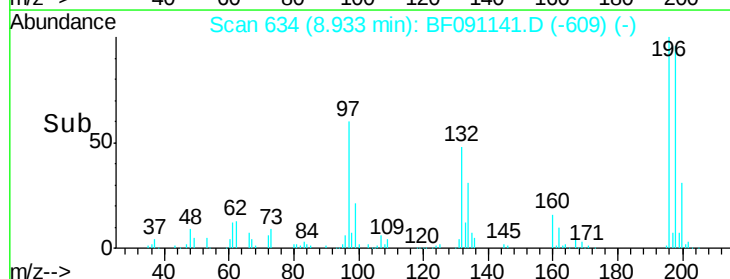
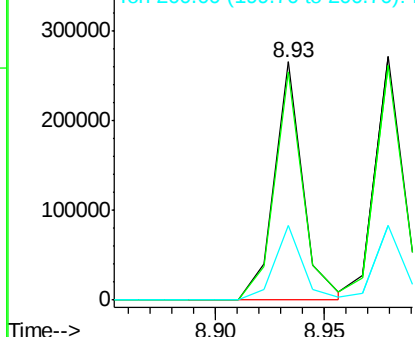
Lab File: BF091141.D

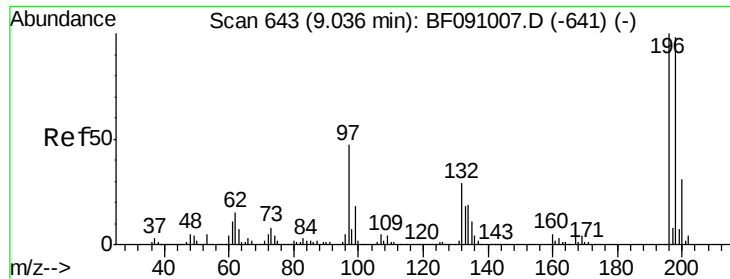
Acq: 11 Nov 2016 15:44

Tgt Ion:	196	Resp:	243386
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.4	113.0
200	31.1	24.1	36.1



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





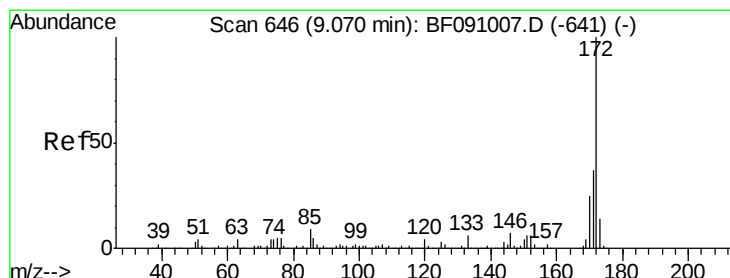
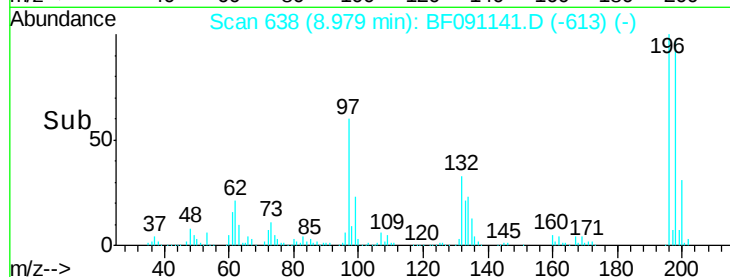
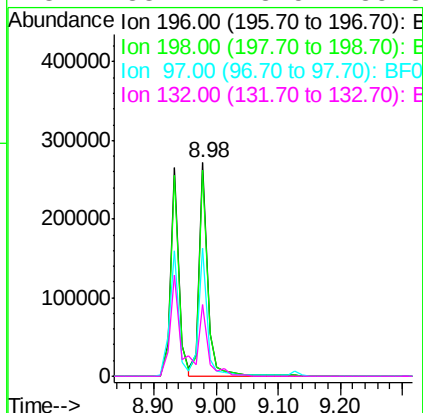
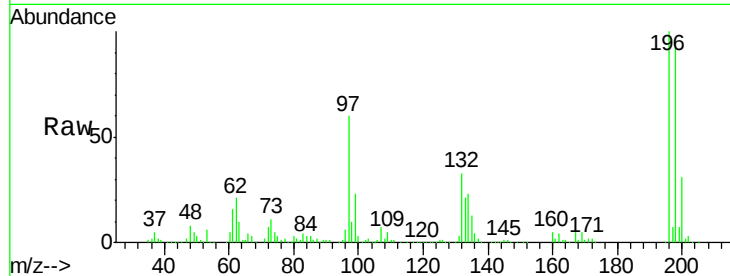
#43
 2,4,5-Trichlorophenol
 Concen: 42.66 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BSD

Tot Ion:	196	Resp:	266190
Ion Ratio	Lower	Upper	
196	100		
198	96.5	78.2	117.4
97	60.1	38.8	58.2#
132	33.4	23.5	35.3

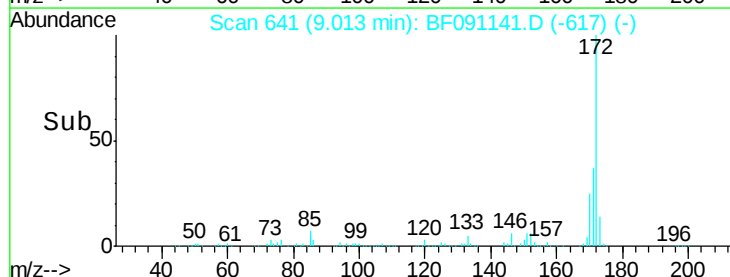
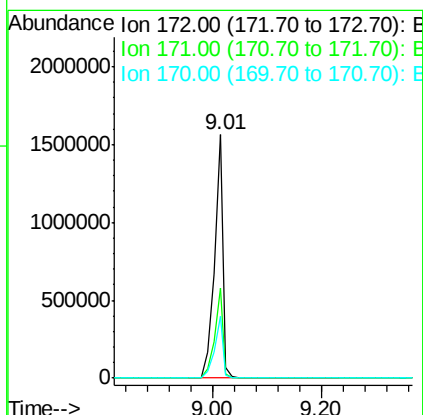
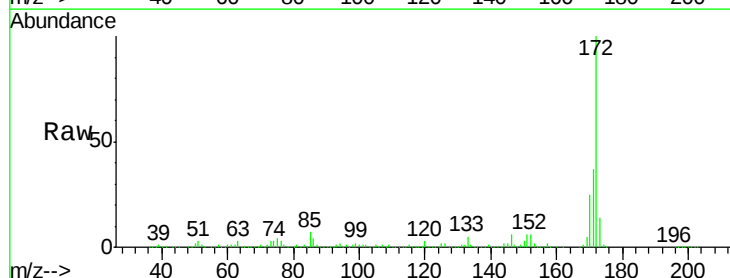
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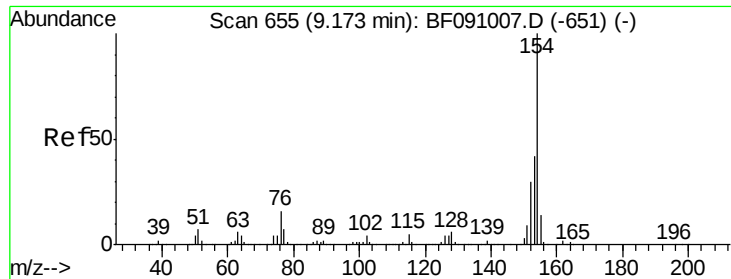
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#44
 2-Fluorobiphenyl
 Concen: 81.88 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion:	172	Resp:	1717083
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.8	44.6
170	25.3	20.3	30.5





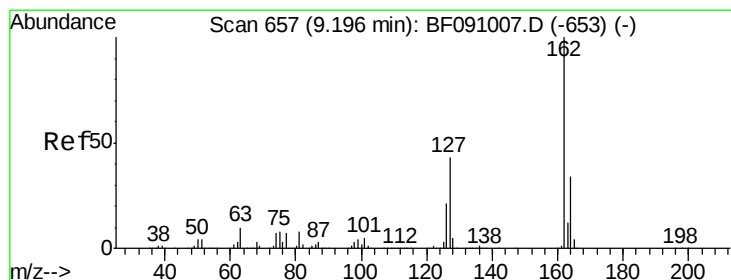
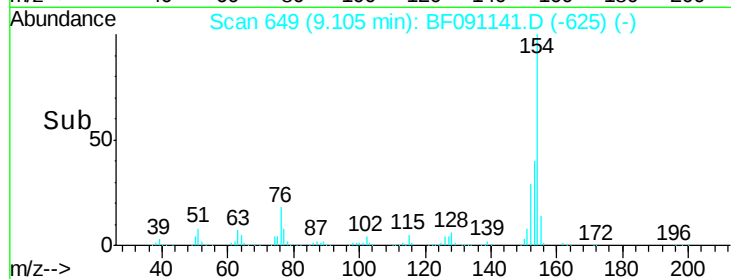
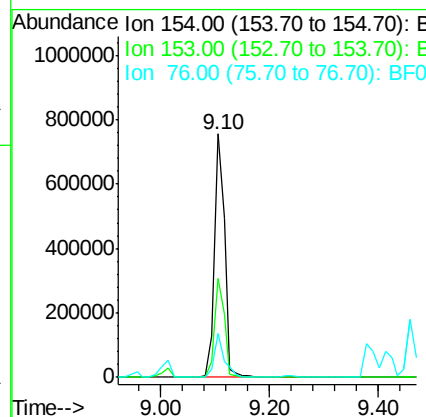
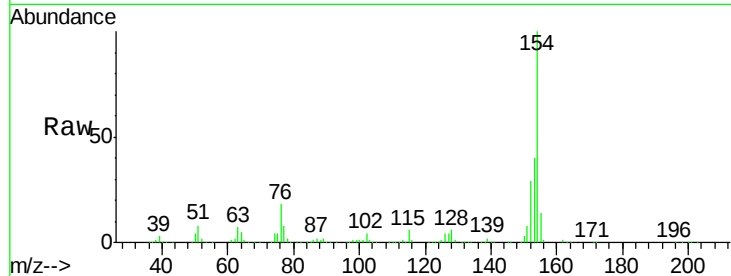
#45
1,1'-Biphenyl
Concen: 37.55 ng
RT: 9.10 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	21.6	61.6	
76	17.8	0.0	36.2	

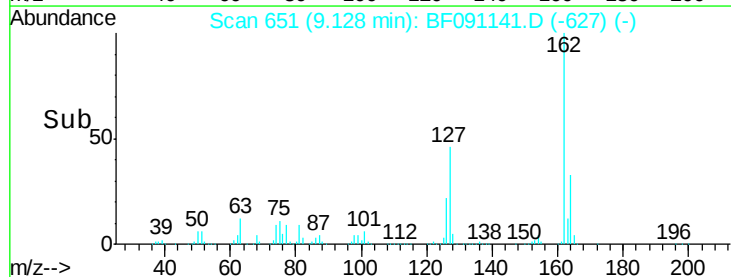
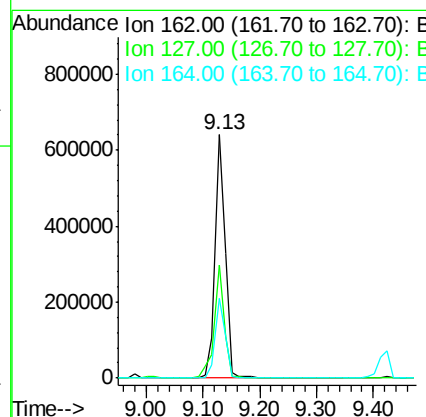
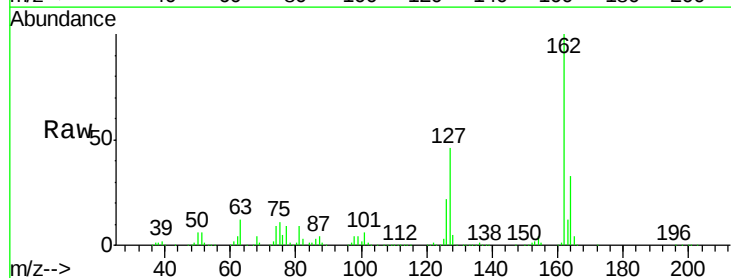
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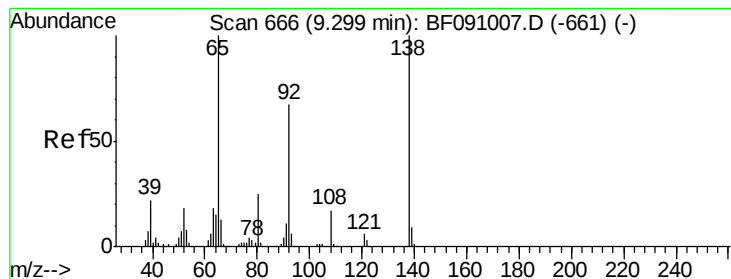
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#46
2-Chloronaphthalene
Concen: 38.41 ng
RT: 9.13 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	46.2	34.7	52.1	
164	32.8	27.0	40.4	





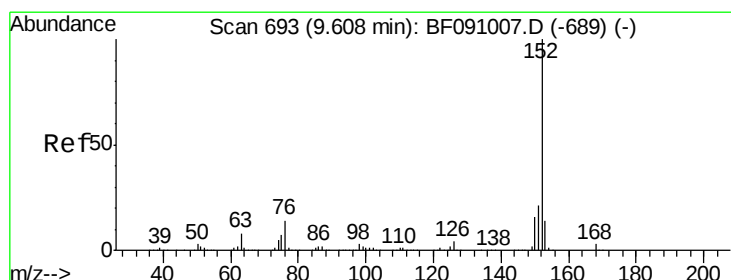
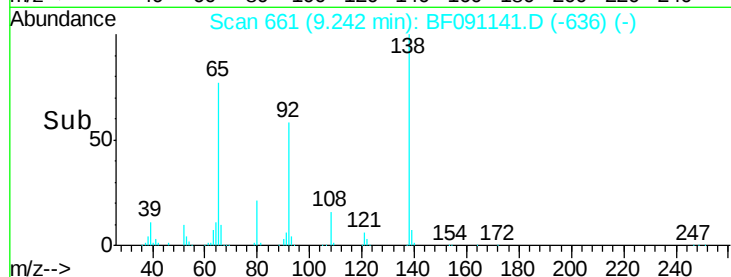
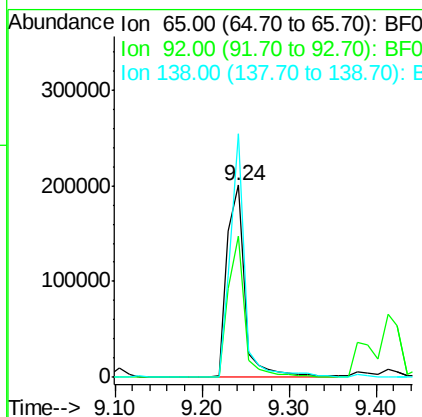
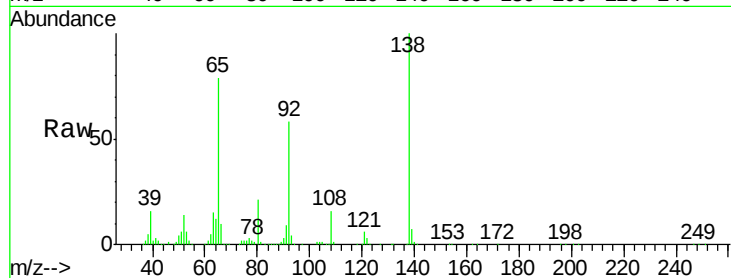
#47
2-Nitroaniline
Concen: 38.90 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	53.9	80.9
138	126.6	80.1	120.1

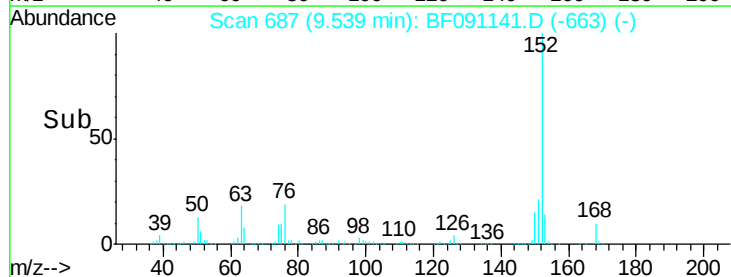
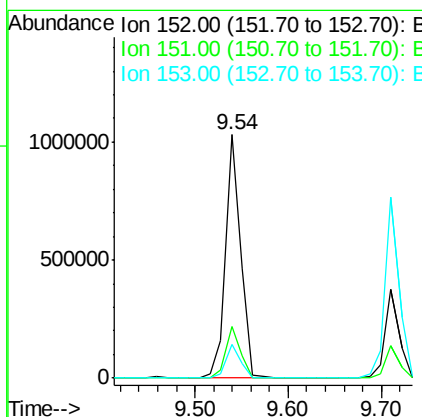
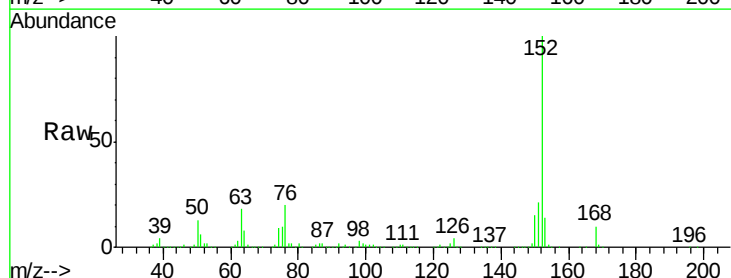
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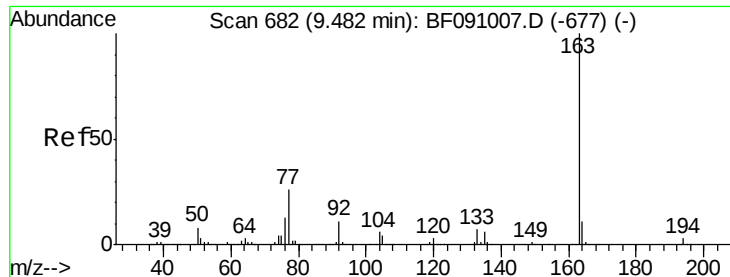
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#48
Acenaphthylene
Concen: 37.45 ng
RT: 9.54 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	13.9	11.1	16.7





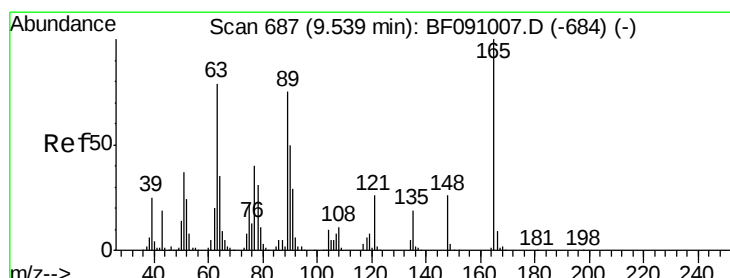
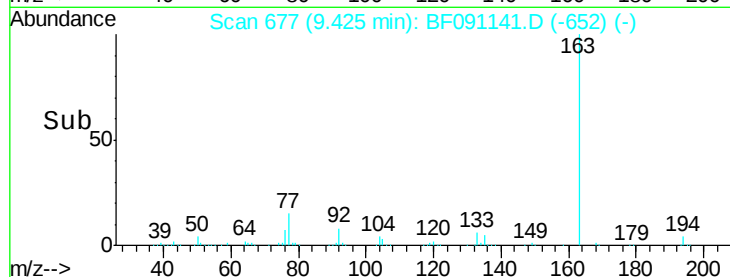
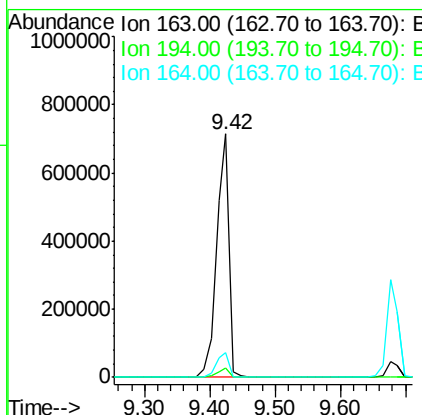
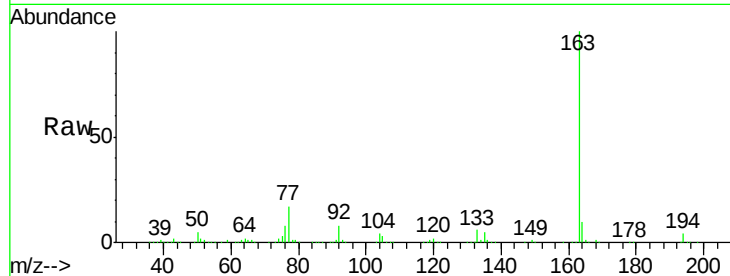
#49
Dimethylphthalate
Concen: 40.82 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	966345		
194	3.7	2.6	4.0	
164	9.9	8.7	13.1	

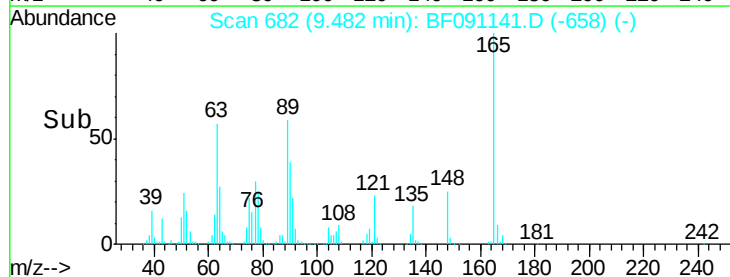
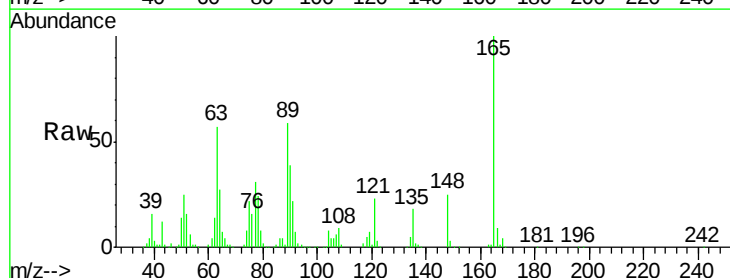
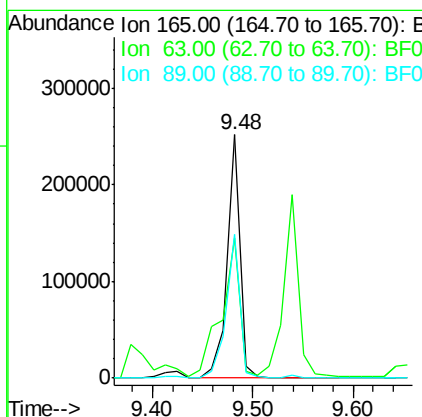
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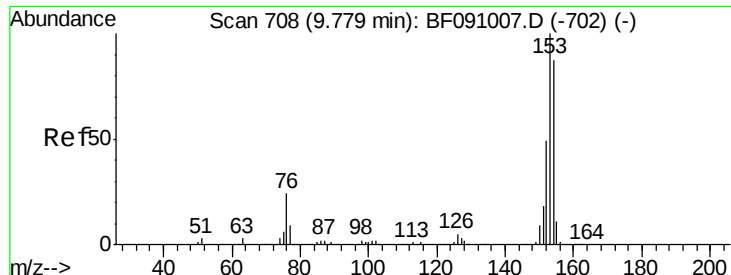
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#50
2,6-Dinitrotoluene
Concen: 44.52 ng
RT: 9.48 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	225906		
63	57.3	65.6	98.4#	
89	59.0	59.8	89.6#	





#51

Acenaphthene

Concen: 35.46 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

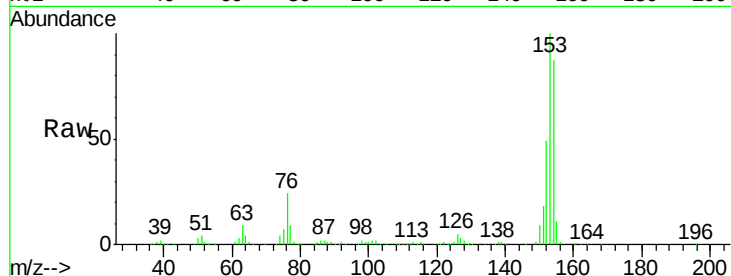
ClientSampleId :

PB94644BSD

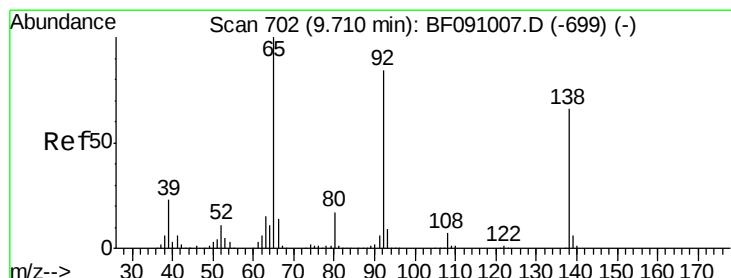
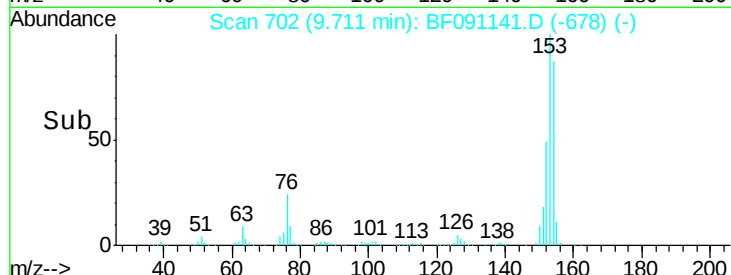
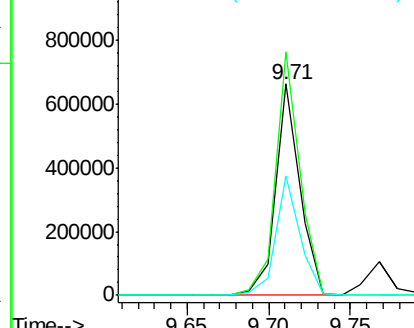
Tot Ion:	154	Resp:	694389
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.6	137.4
152	56.5	44.6	67.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.10 ng

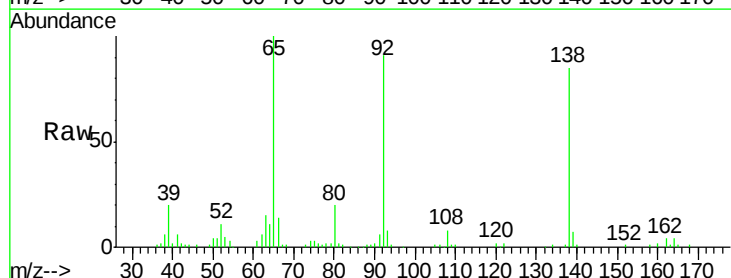
RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

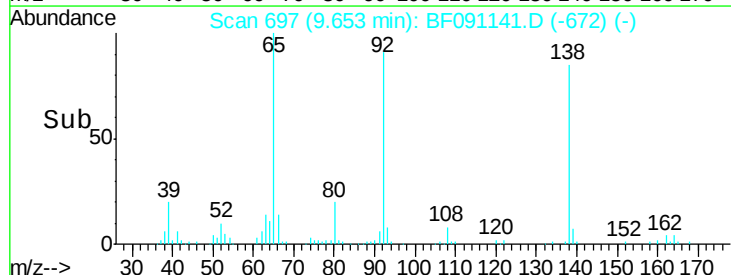
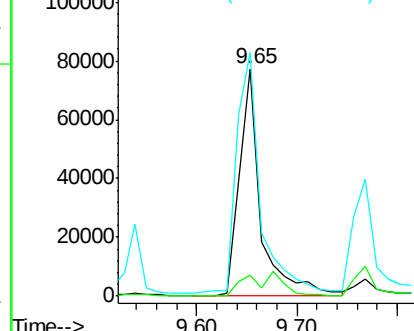
Lab File: BF091141.D

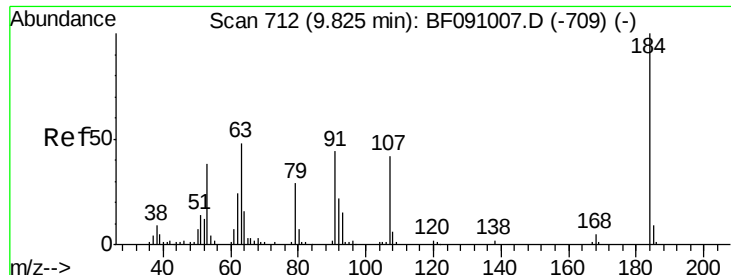
Acq: 11 Nov 2016 15:44

Tgt Ion:	138	Resp:	114934
Ion Ratio	Lower	Upper	
138	100		
108	9.5	8.4	12.6
92	107.2	101.1	151.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





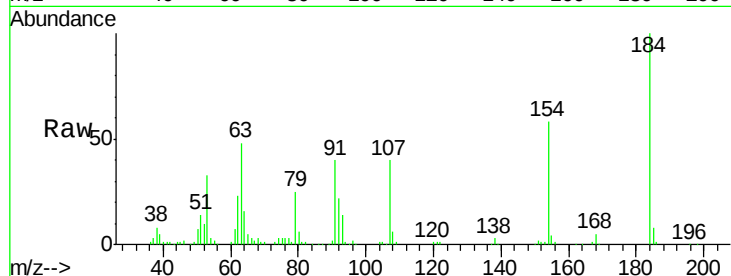
#53
2,4-Dinitrophenol
Concen: 72.17 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

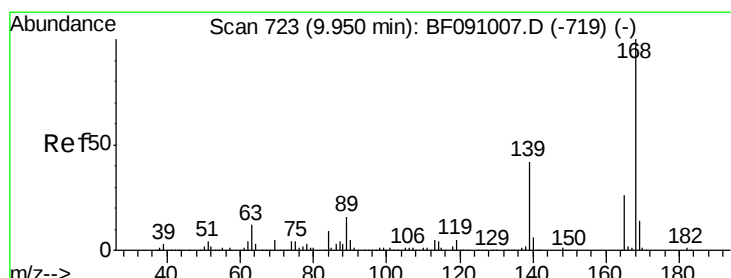
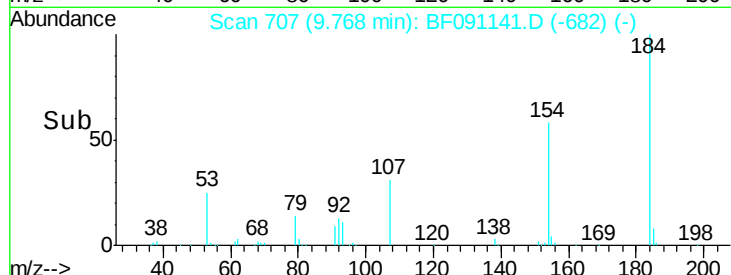
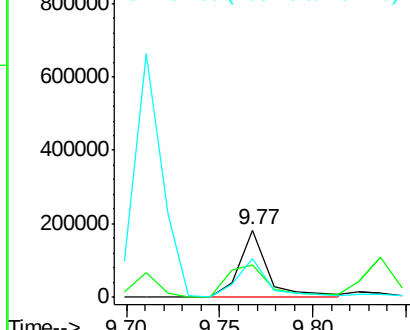
Tot Ion	Ratio	Resp	Lower	Upper
184	100	197626		
63	48.3	45.5	68.3	
154	58.5	51.0	76.4	

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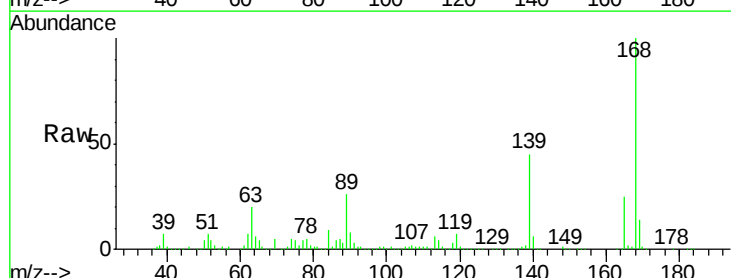


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

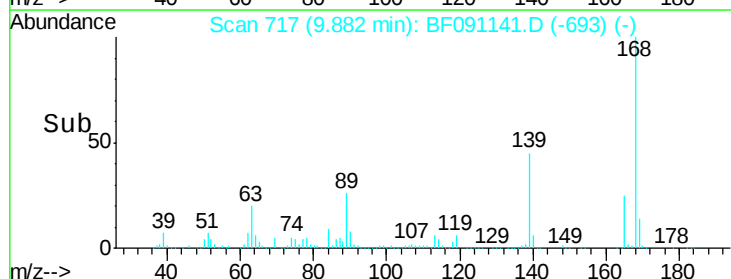
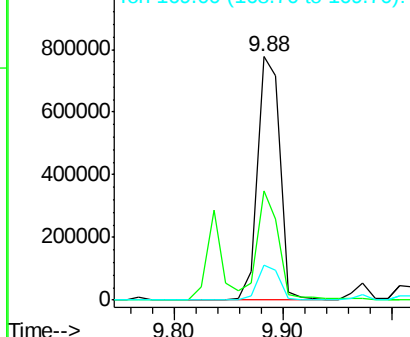


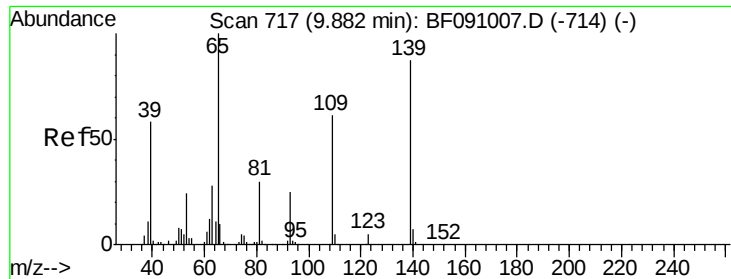
#54
Dibenzofuran
Concen: 42.49 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1120174		
139	45.0	34.8	52.2	
169	14.4	11.4	17.2	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 71.18 ng

RT: 9.84 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

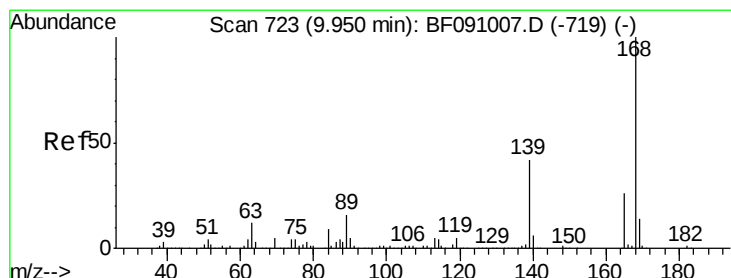
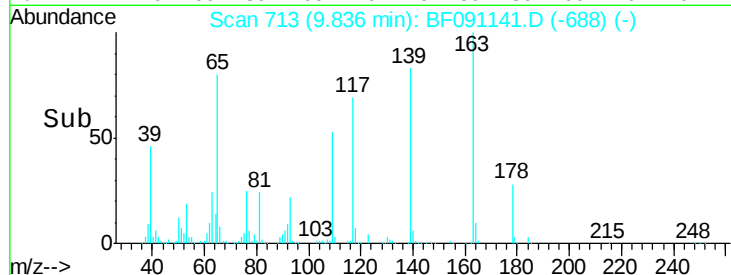
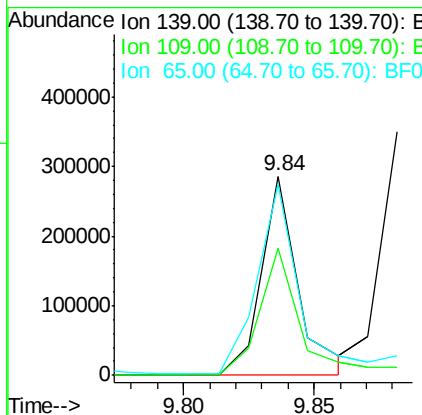
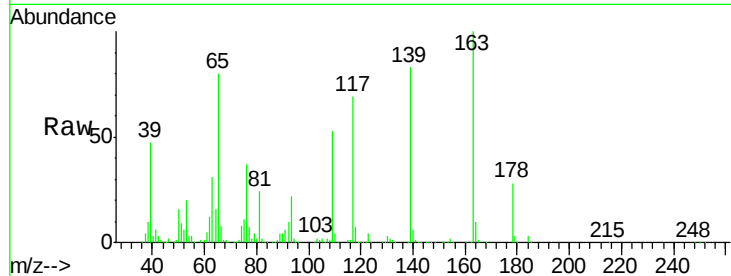
ClientSampleId :

PB94644BSD

Tot Ion:	139	Resp:	282506
Ion Ratio	Lower	Upper	
139	100		
109	64.2	50.5	90.5
65	96.2	97.1	137.1#

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#56

2,4-Dinitrotoluene

Concen: 42.80 ng

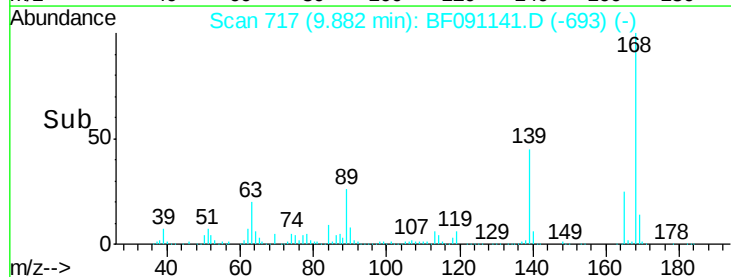
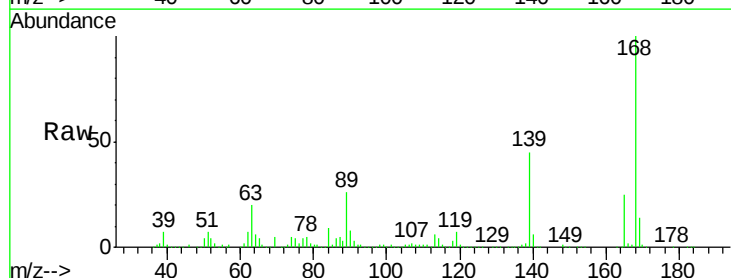
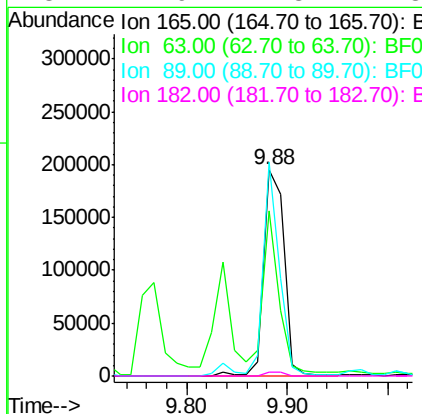
RT: 9.88 min Scan# 717

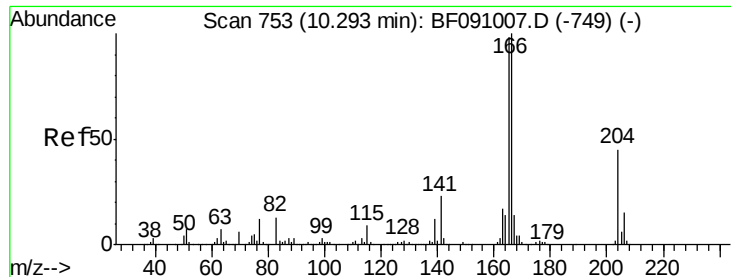
Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion:	165	Resp:	276283
Ion Ratio	Lower	Upper	
165	100		
63	80.3	38.7	58.1#
89	103.6	50.6	76.0#
182	1.9	1.8	2.8





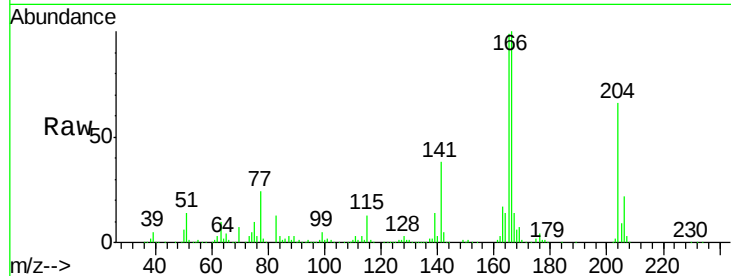
#57
Fluorene
 Concen: 38.05 ng
 RT: 10.22 min Scan# 747
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	118.0
167	14.1	11.1	16.7

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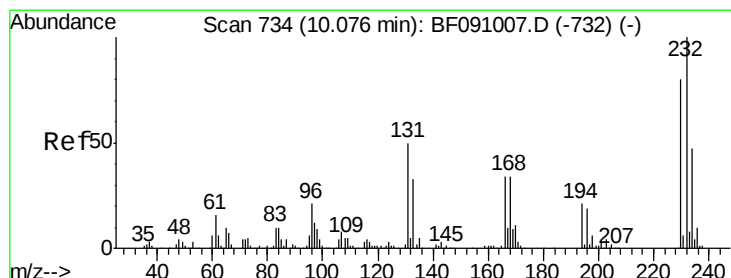
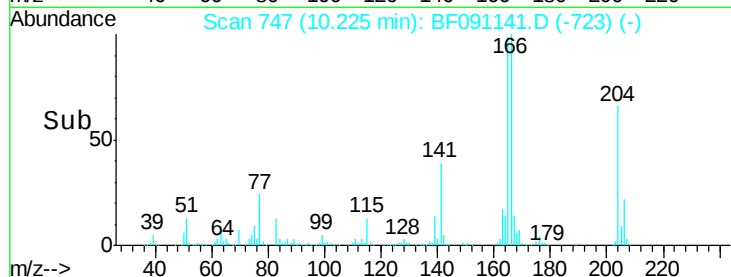
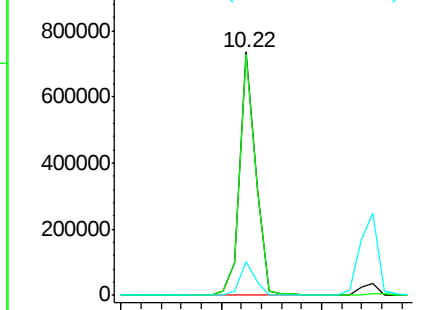


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.86 ng
 RT: 10.02 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF091141.D
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Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.0	43.6	65.4
130	2.7	2.0	3.0
166	32.4	27.4	41.2

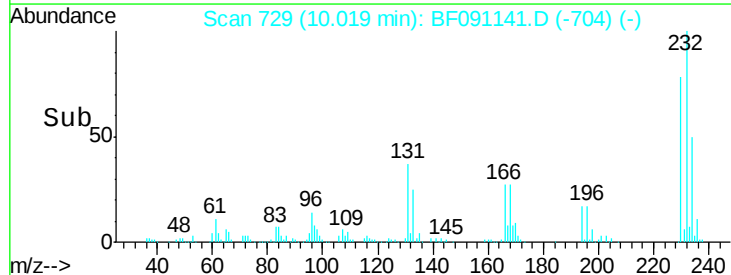
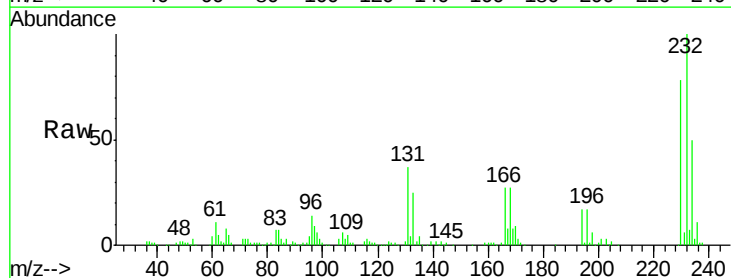
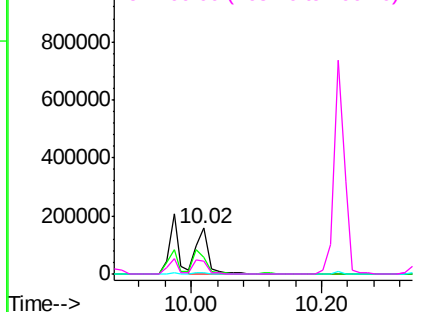
Abundance

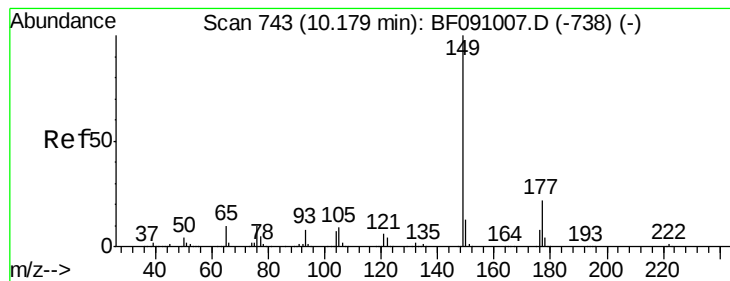
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.19 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

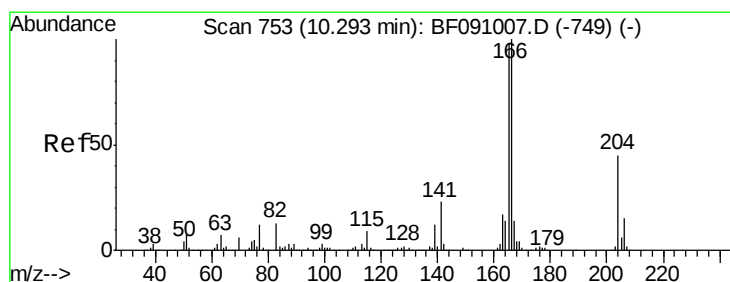
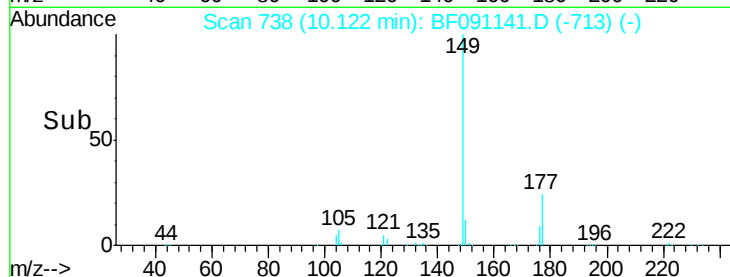
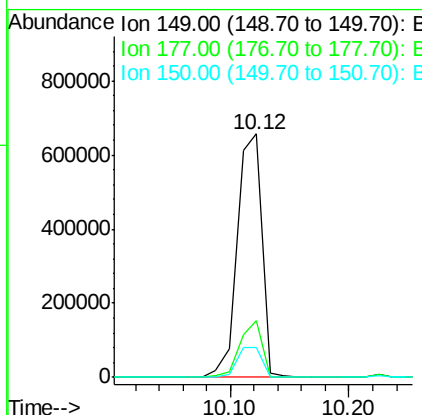
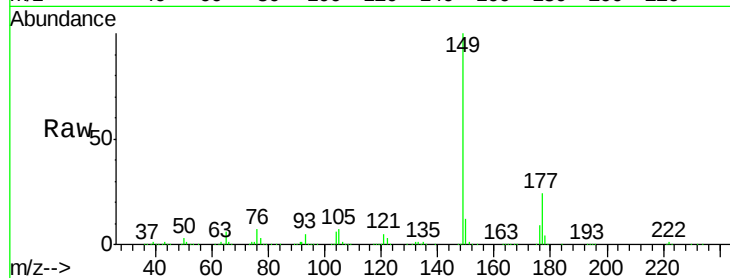
ClientSampleId :

PB94644BSD

Tot Ion:	149	Resp:	951367
Ion Ratio	Lower	Upper	
149	100		
177	23.5	17.3	25.9
150	12.2	10.3	15.5

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#60

4-Chlorophenyl-phenylether

Concen: 43.15 ng

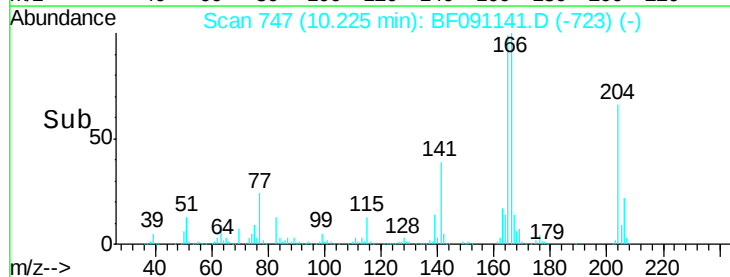
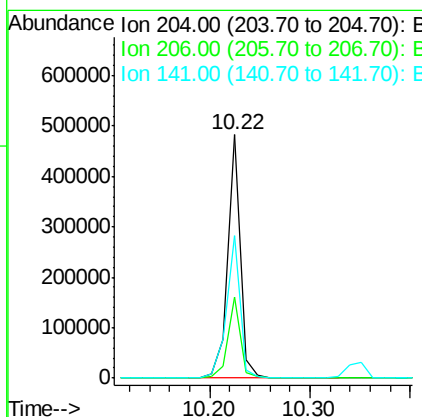
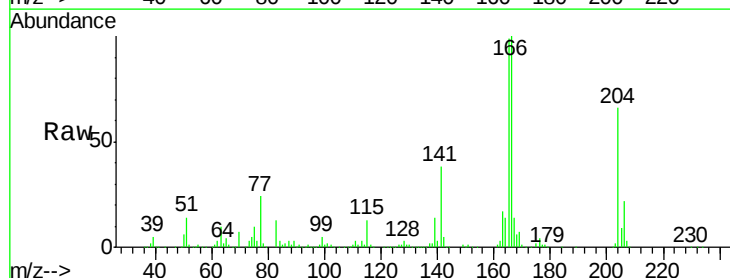
RT: 10.22 min Scan# 747

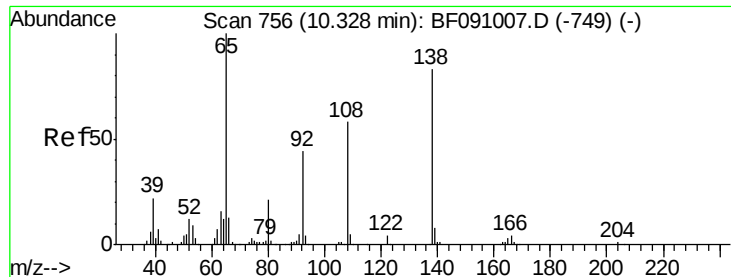
Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion:	204	Resp:	423220
Ion Ratio	Lower	Upper	
204	100		
206	33.3	27.1	40.7
141	58.7	40.1	60.1





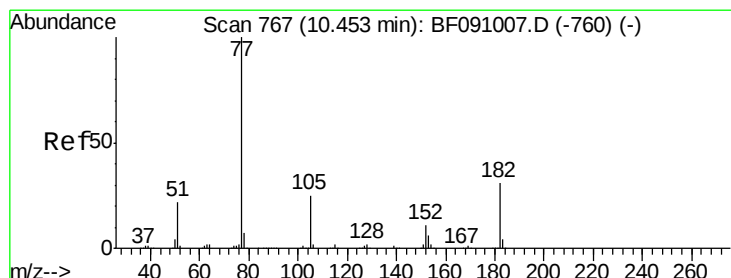
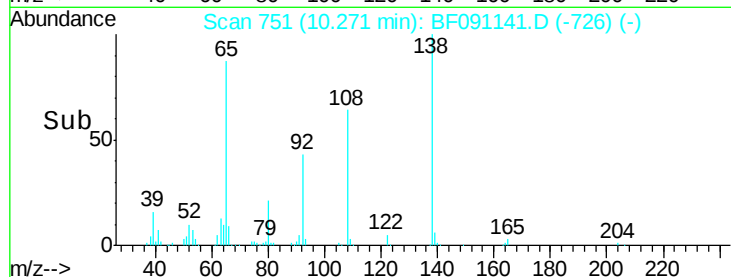
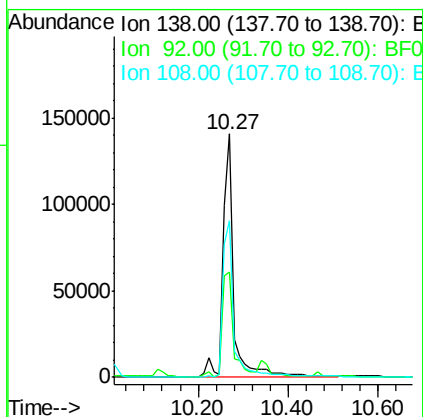
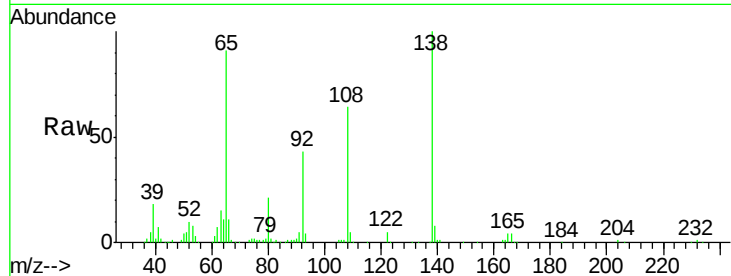
#61
4-Nitroaniline
Concen: 38.53 ng
RT: 10.27 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.4	32.5	72.5
108	64.4	49.4	89.4

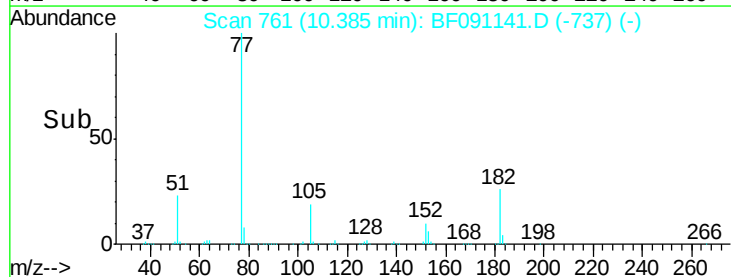
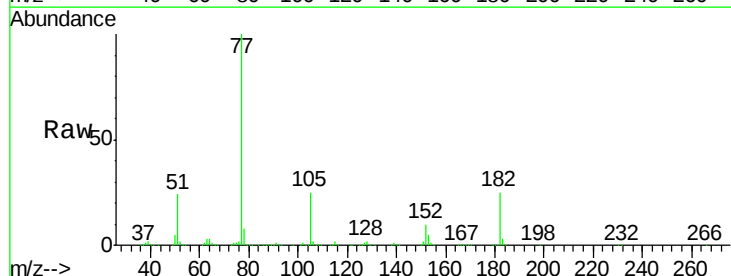
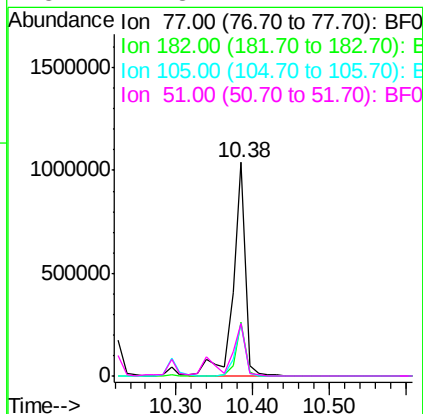
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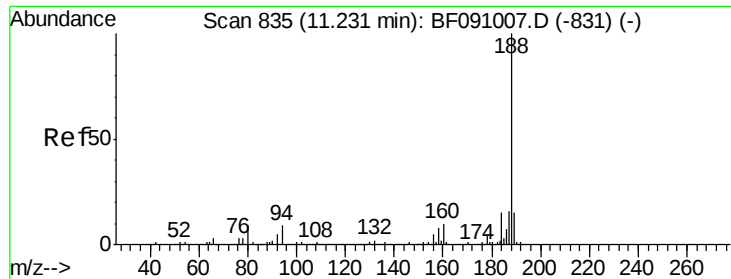
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#62
Azobenzene
Concen: 40.90 ng
RT: 10.38 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	11.0	51.0
105	24.8	5.6	45.6
51	24.3	2.7	42.7





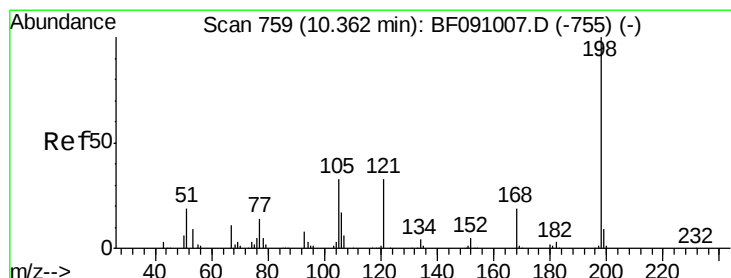
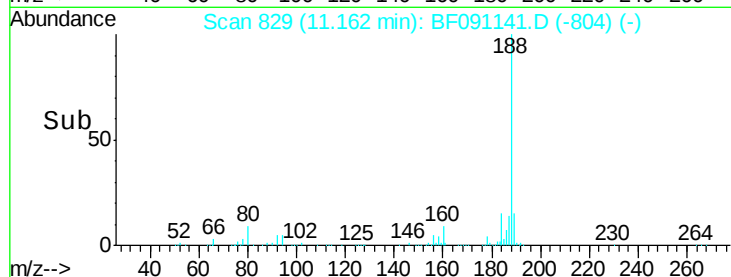
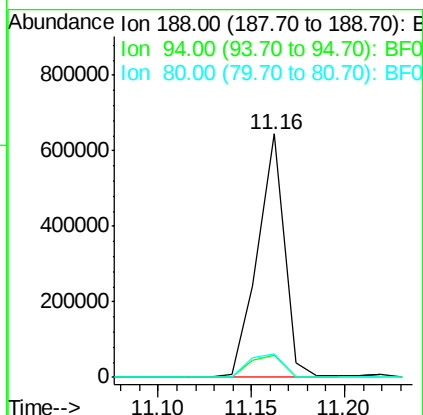
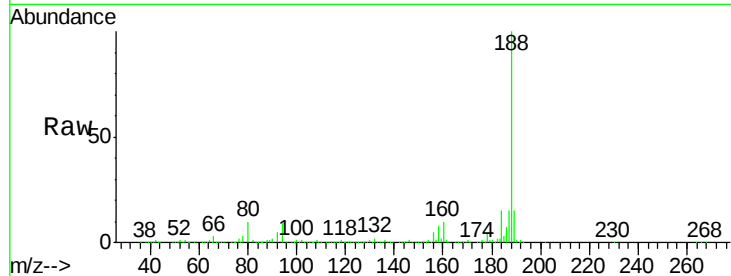
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	7.0	10.4
80	9.6	7.5	11.3

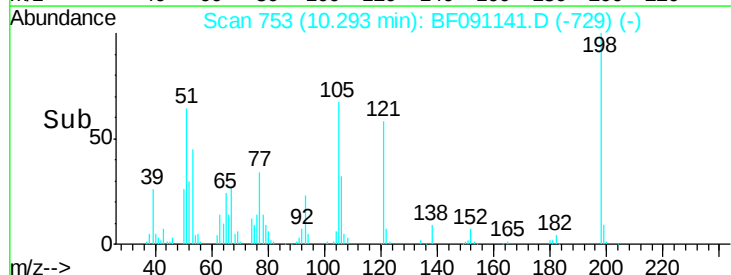
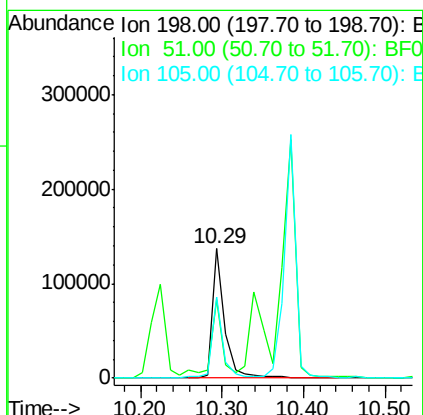
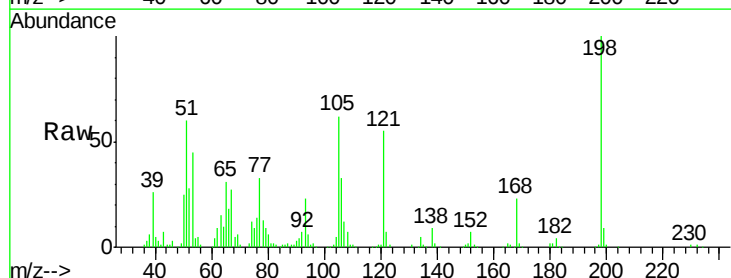
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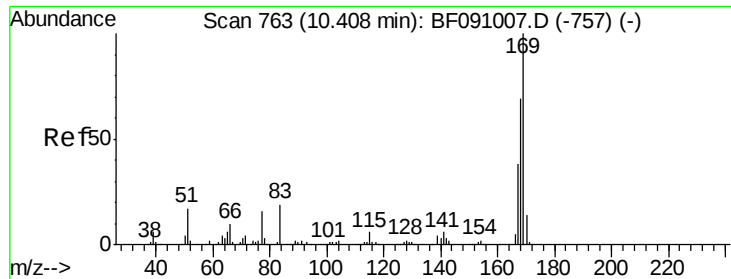
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.53 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	60.4	5.9	45.9#
105	62.4	13.8	53.8#





#65

n-Nitrosodiphenylamine

Concen: 39.79 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

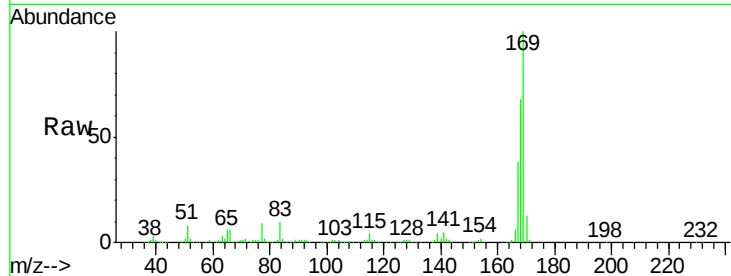
ClientSampleId :

PB94644BSD

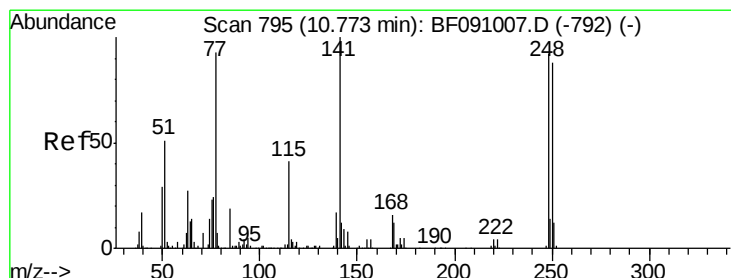
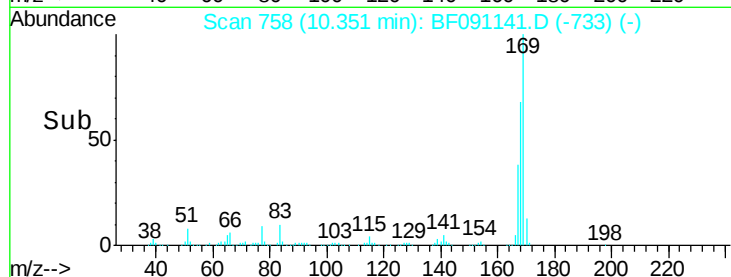
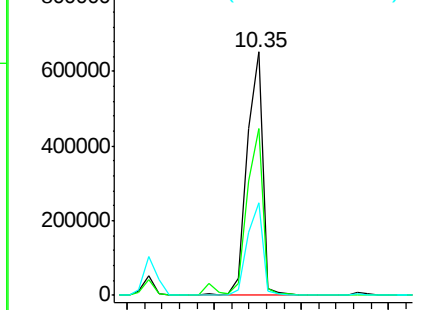
Tot Ion:	169	Resp:	816724
Ion Ratio	Lower	Upper	
169	100		
168	68.4	55.3	82.9
167	38.2	30.3	45.5

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.37 ng

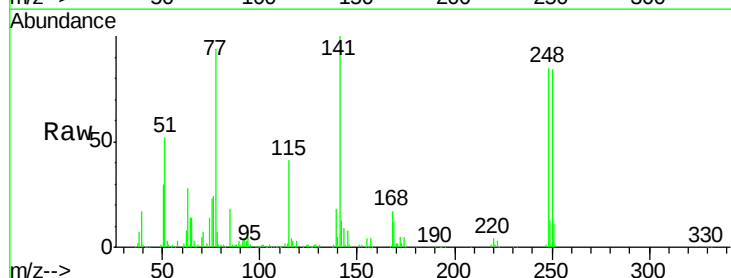
RT: 10.70 min Scan# 789

Delta R.T. -0.02 min

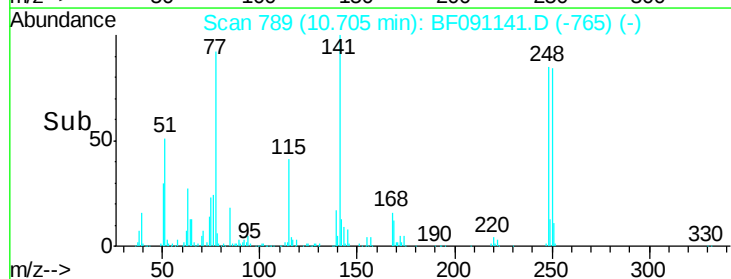
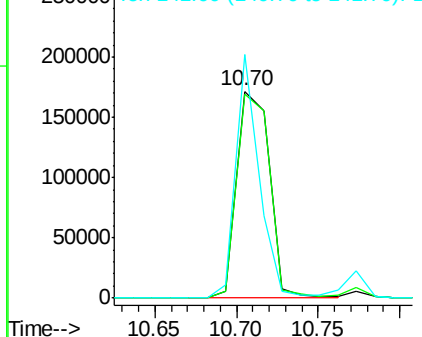
Lab File: BF091141.D

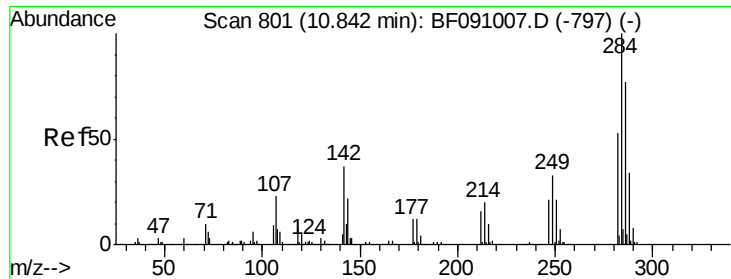
Acq: 11 Nov 2016 15:44

Tgt Ion:	248	Resp:	237566
Ion Ratio	Lower	Upper	
248	100		
250	98.7	76.3	114.5
141	117.9	86.8	130.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





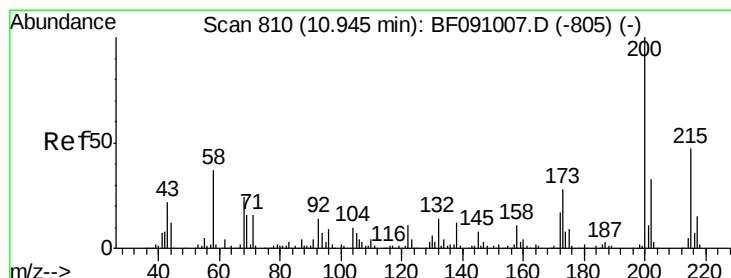
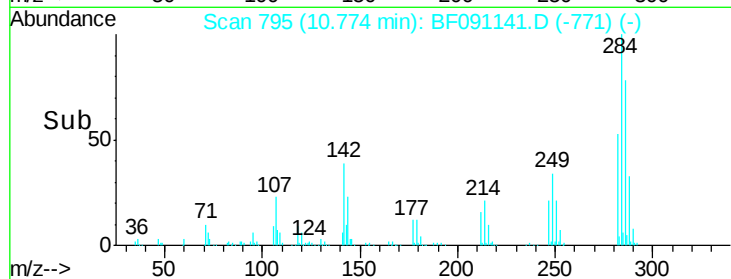
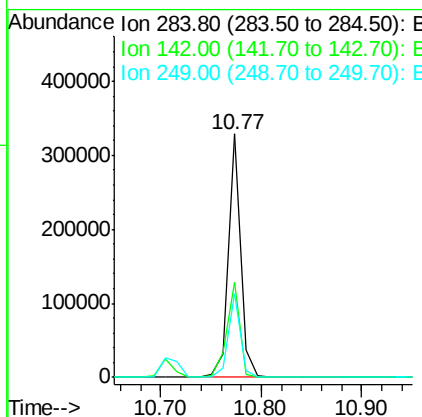
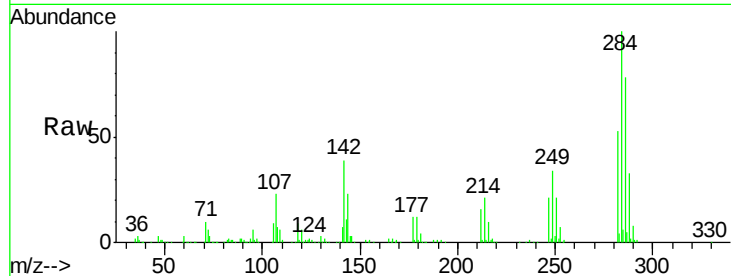
#67
Hexachlorobenzene
Concen: 37.76 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	279748		
142	39.3		29.9	44.9
249	34.3		26.6	39.8

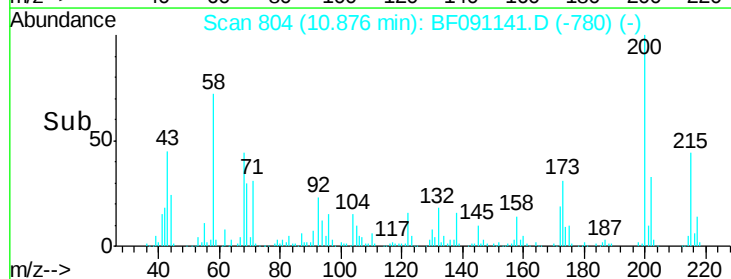
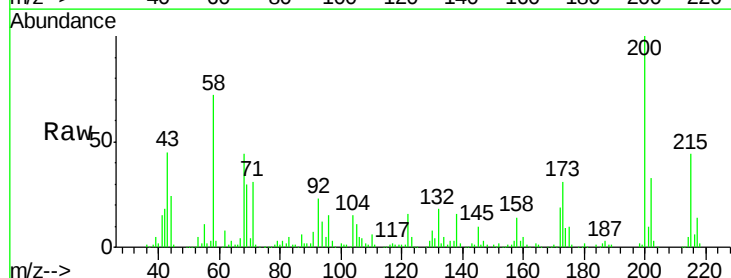
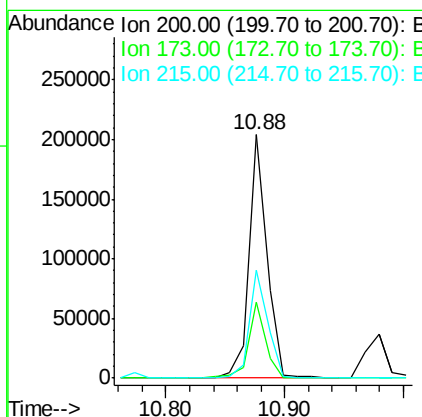
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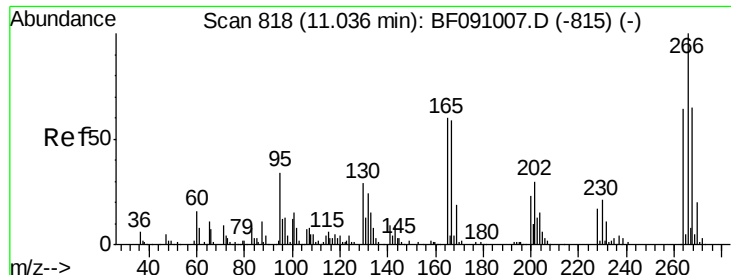
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#68
Atrazine
Concen: 36.51 ng
RT: 10.88 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	216174		
173	31.0		8.1	48.1
215	44.2		27.3	67.3





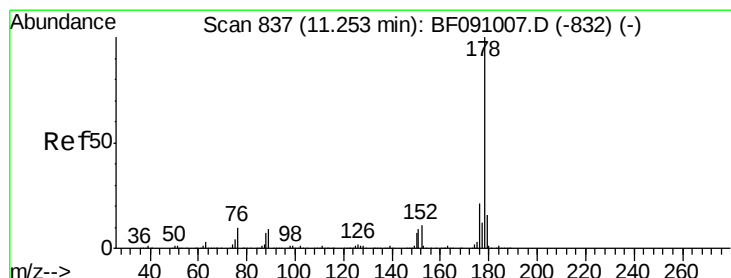
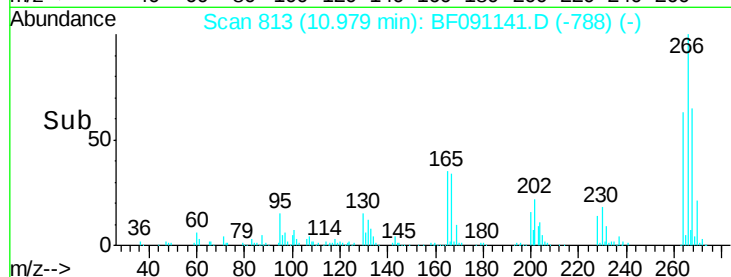
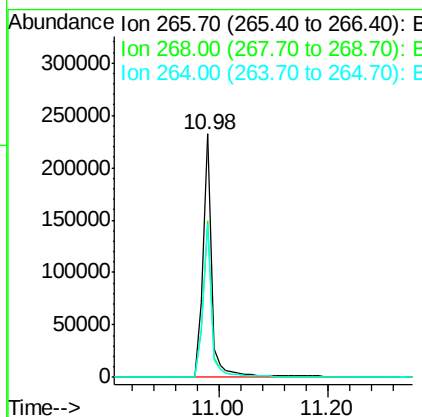
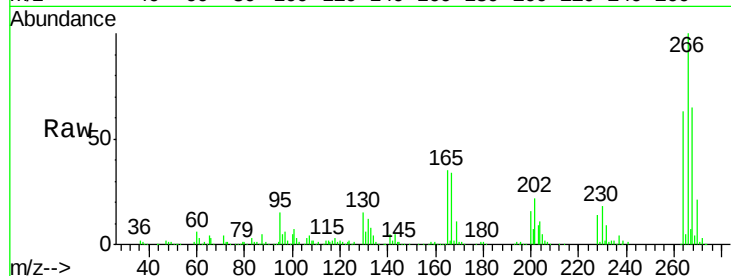
#69
 Pentachlorophenol
 Concen: 79.64 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.1	78.1
264	62.8	51.1	76.7

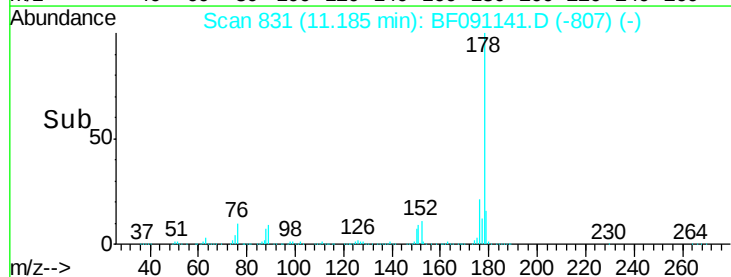
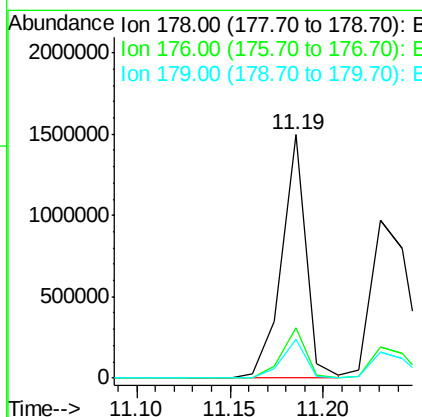
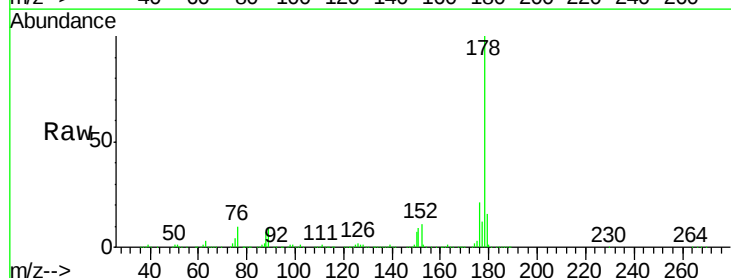
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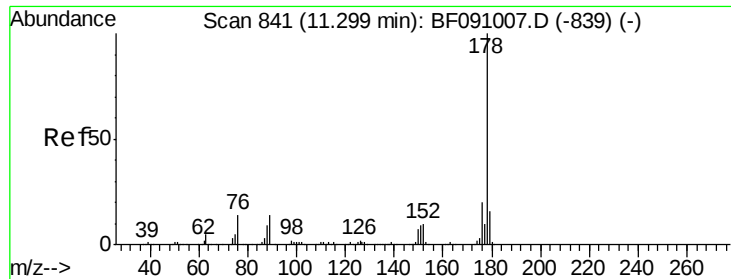
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#70
 Phenanthrene
 Concen: 39.46 ng
 RT: 11.19 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	25.0
179	16.1	12.9	19.3





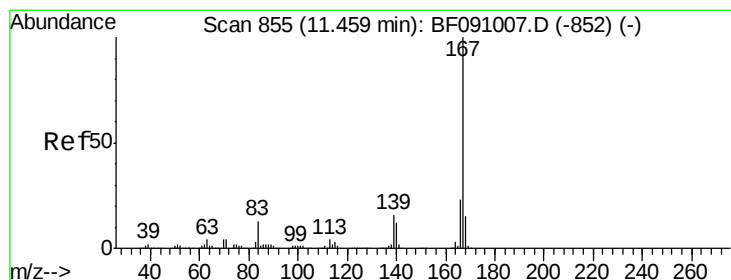
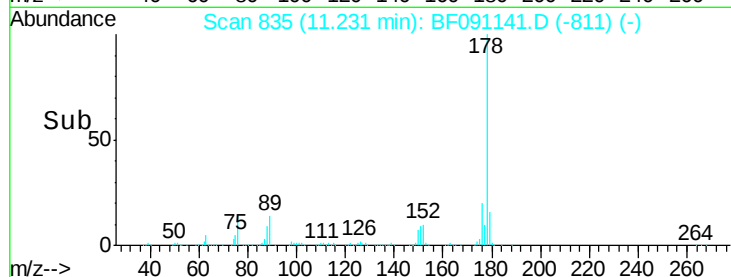
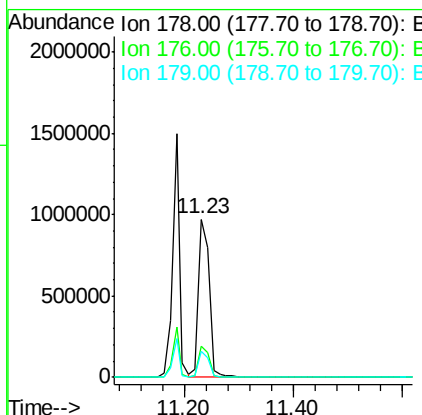
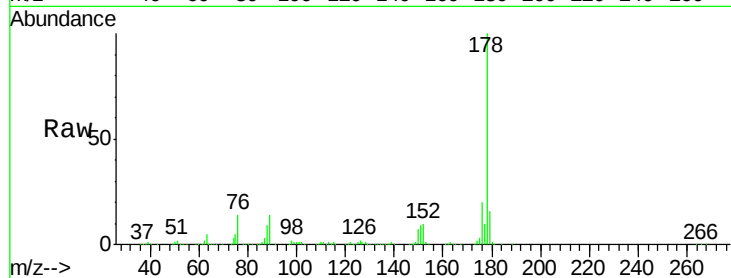
#71
 Anthracene
 Concen: 36.16 ng
 RT: 11.23 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BSD

Tot Ion:178 Resp: 1319602
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.4 13.0 19.6

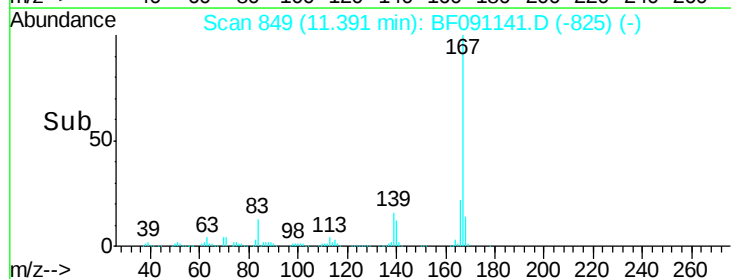
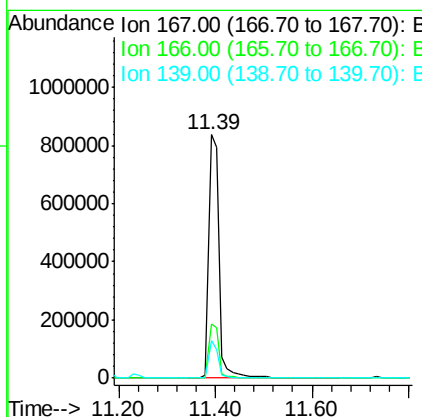
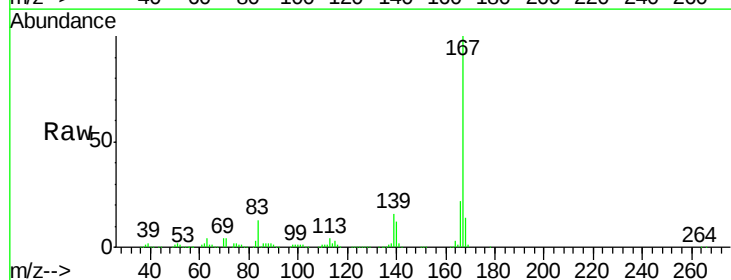
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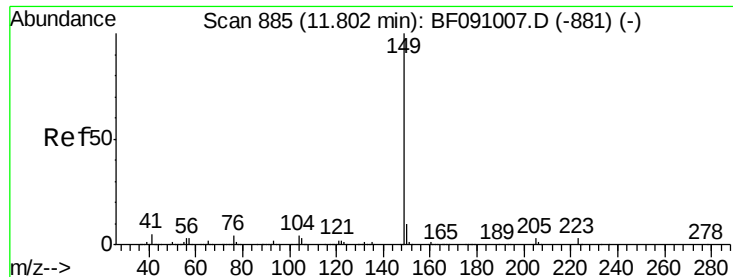
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#72
 Carbazole
 Concen: 38.12 ng
 RT: 11.39 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion:167 Resp: 1253616
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 15.5 12.6 18.8





#73

Di-n-butylphthalate

Concen: 36.13 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

PB94644BSD

Tot Ion:149 Resp: 1494548

Ion Ratio Lower Upper

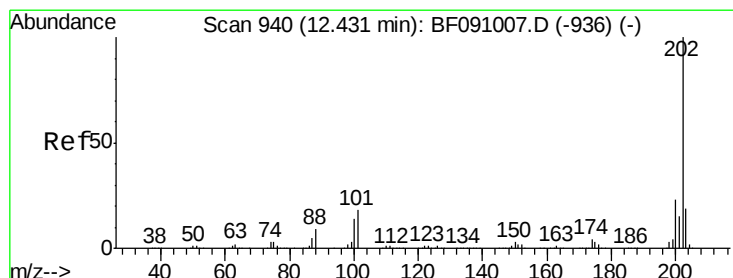
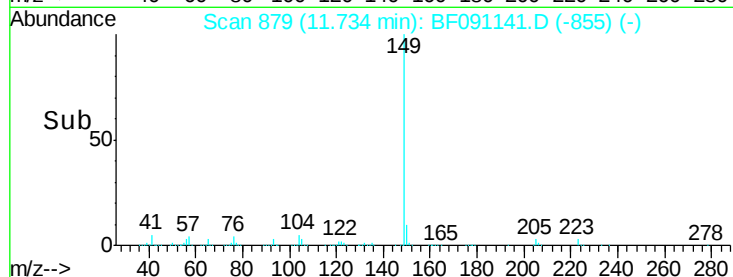
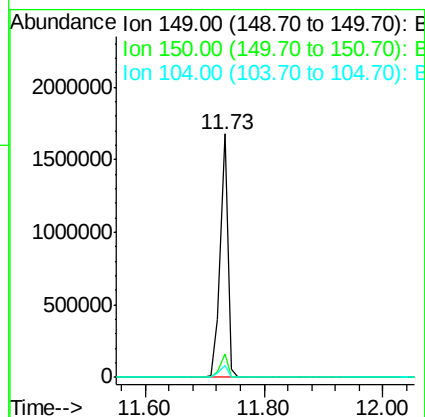
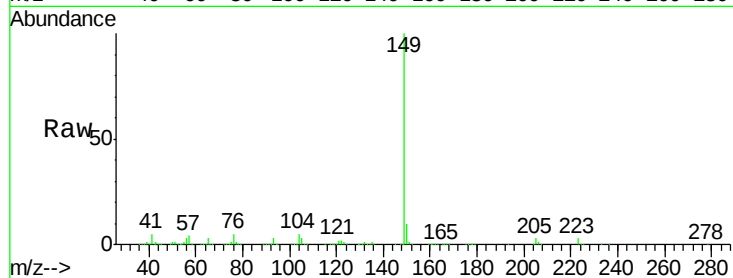
149 100

150 9.9 7.7 11.5

104 5.0 3.6 5.4

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#74

Fluoranthene

Concen: 35.86 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

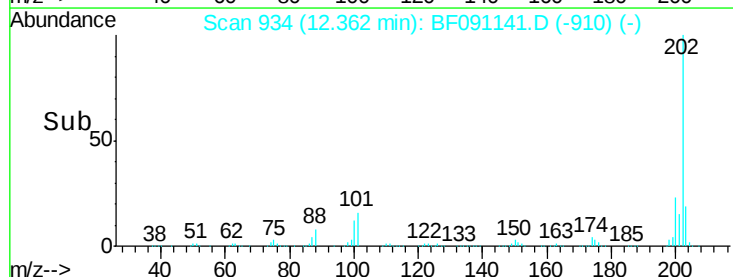
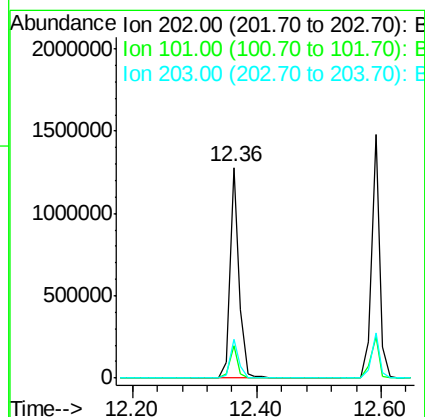
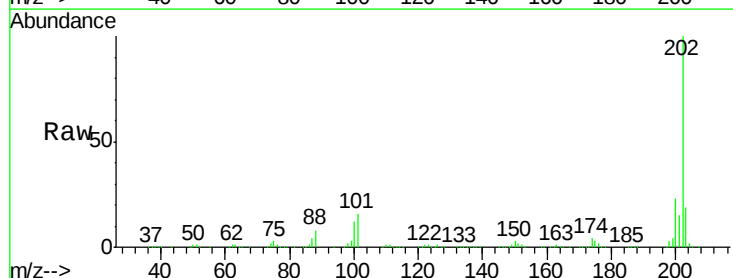
Tgt Ion:202 Resp: 1276715

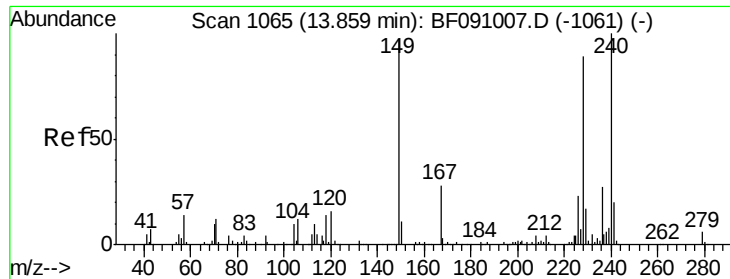
Ion Ratio Lower Upper

202 100

101 15.6 0.0 37.6

203 18.6 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

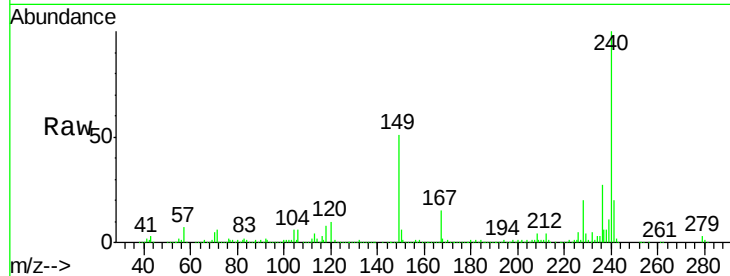
ClientSampleId :

PB94644BSD

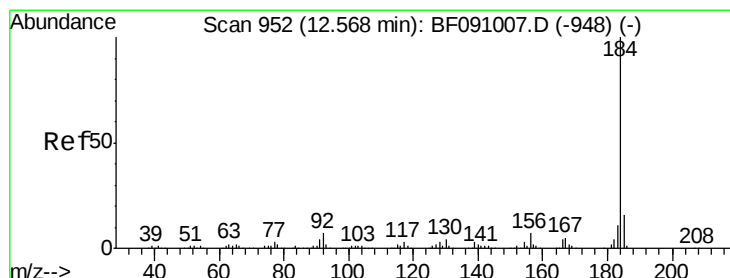
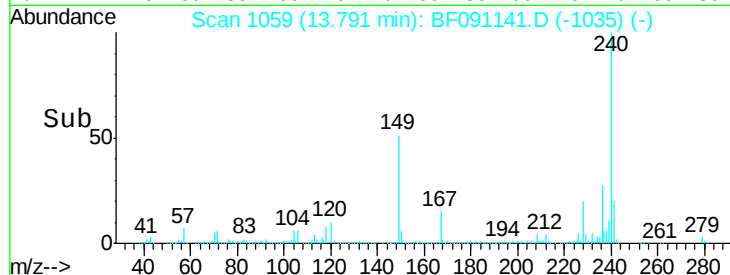
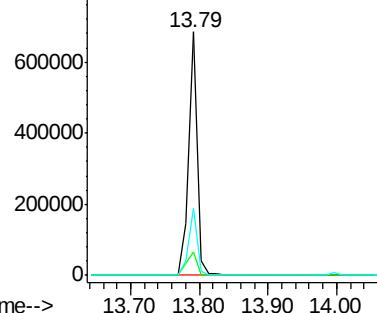
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.9	19.3#
236	27.3	21.9	32.9

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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



#76

Benzidine

Concen: 40.93 ng

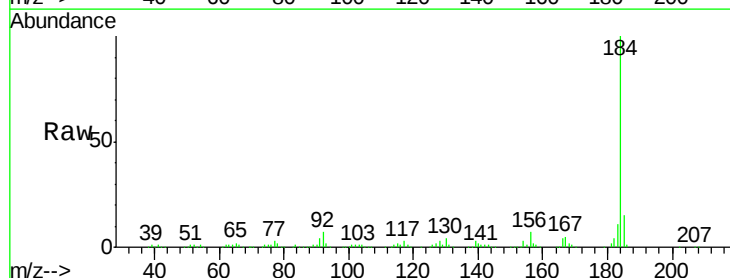
RT: 12.50 min Scan# 946

Delta R.T. -0.01 min

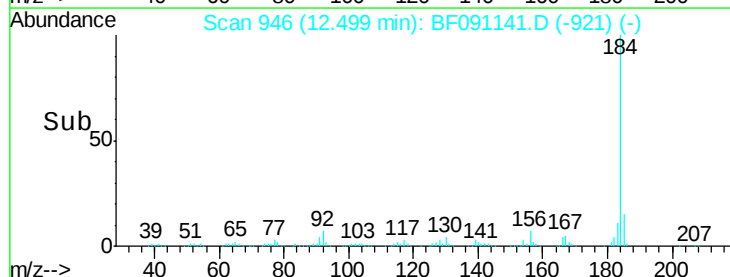
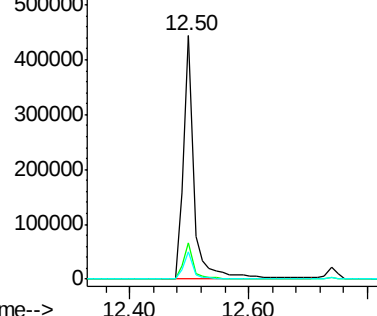
Lab File: BF091141.D

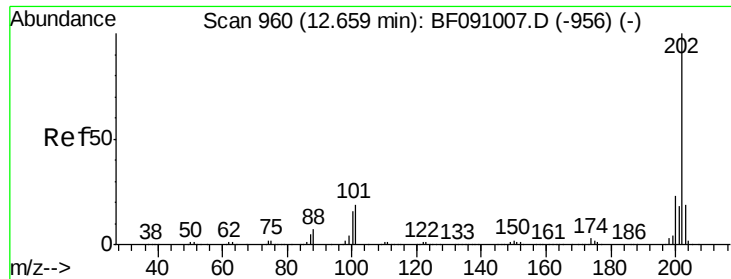
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.0	19.4
183	11.3	8.7	13.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





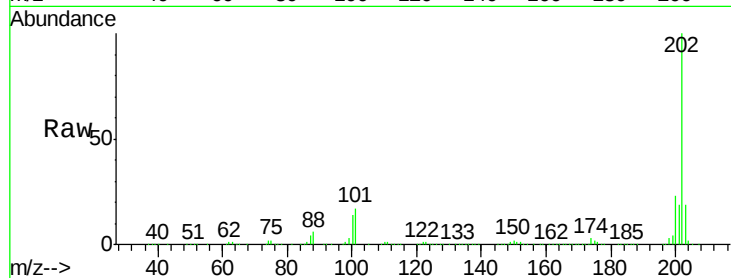
#77
Pvrene
Concen: 32.76 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

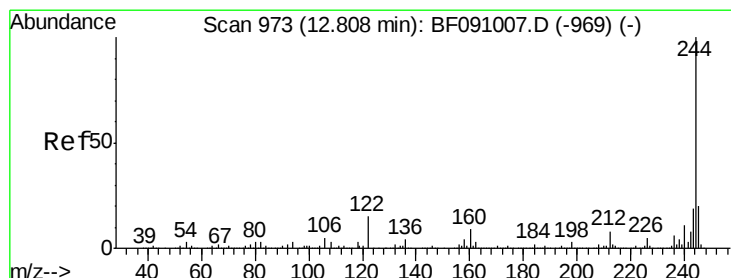
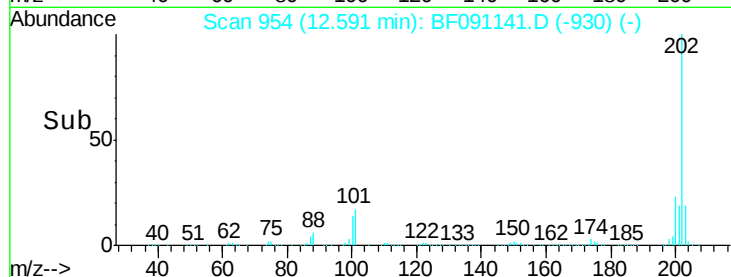
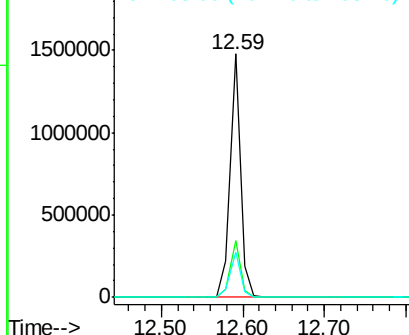
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.4	27.6
203	18.7	15.0	22.6

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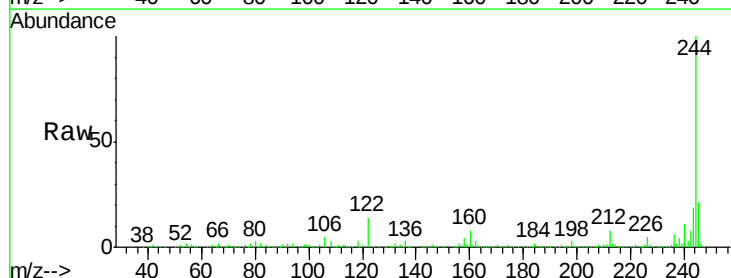


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

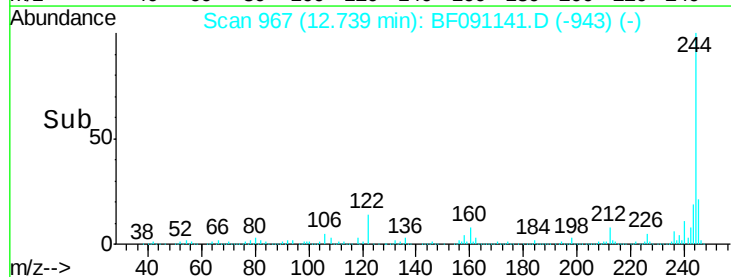
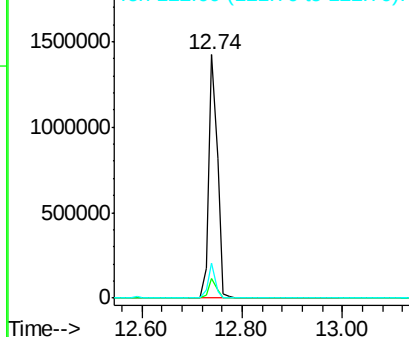


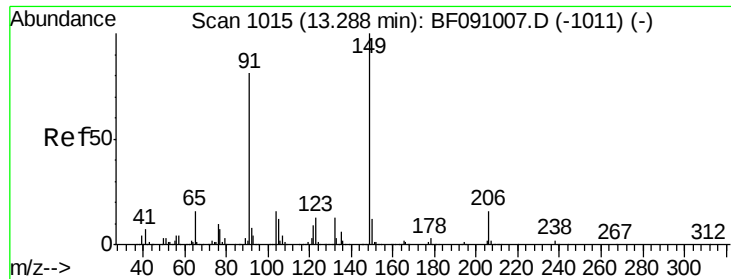
#78
Terphenyl-d14
Concen: 69.47 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	14.2	12.3	18.5



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





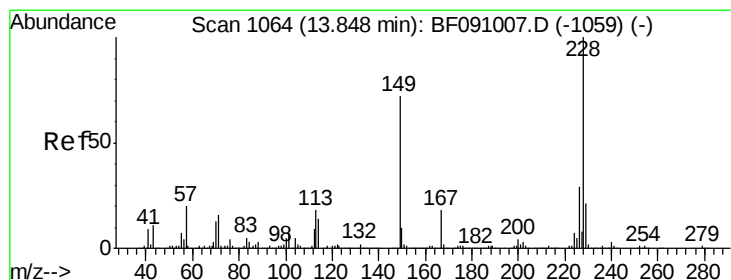
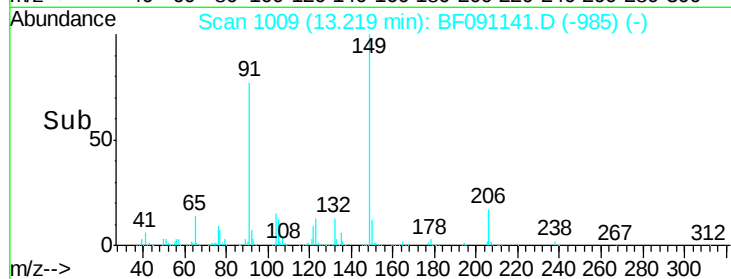
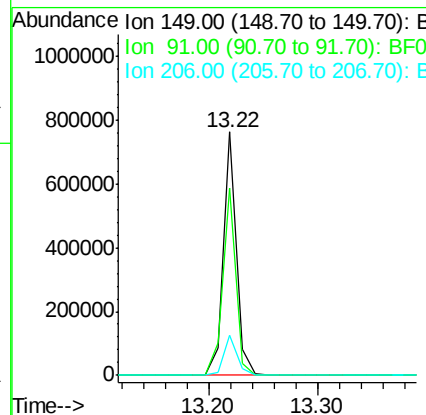
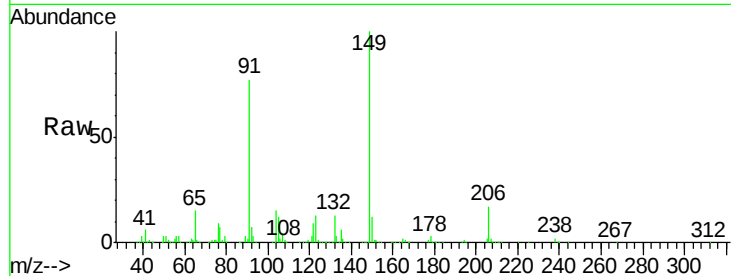
#79
Butylbenzylphthalate
Concen: 33.81 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampled :
PB94644BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.8	65.0	97.4
206	16.5	12.5	18.7

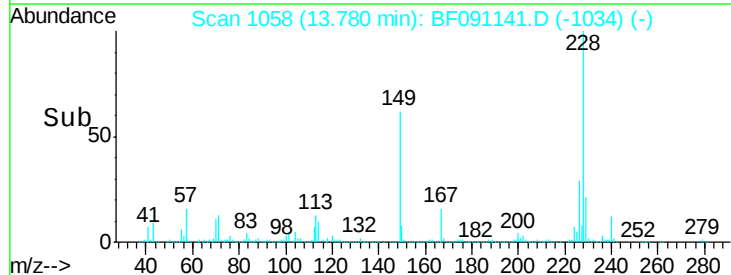
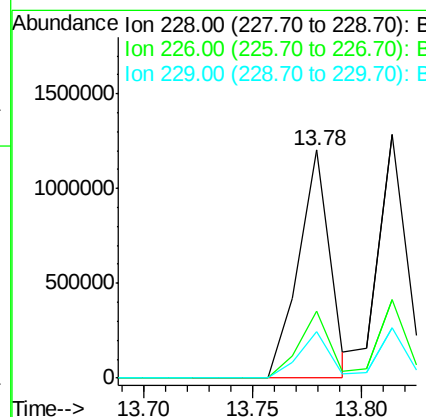
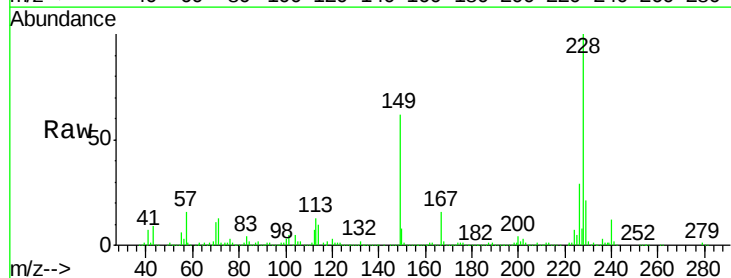
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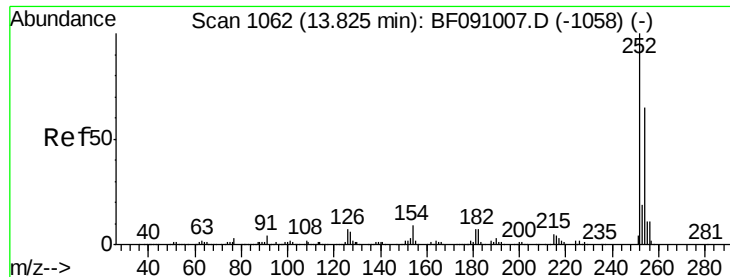
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#80
Benzo(a)anthracene
Concen: 34.88 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	20.5	16.6	24.8





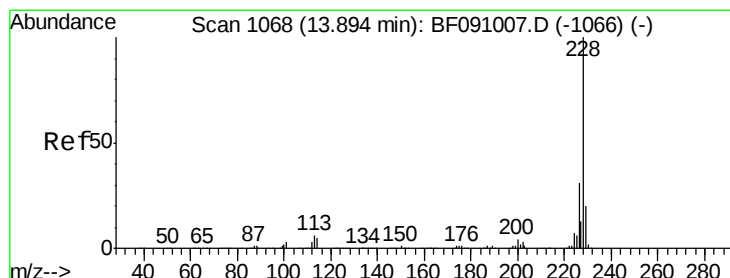
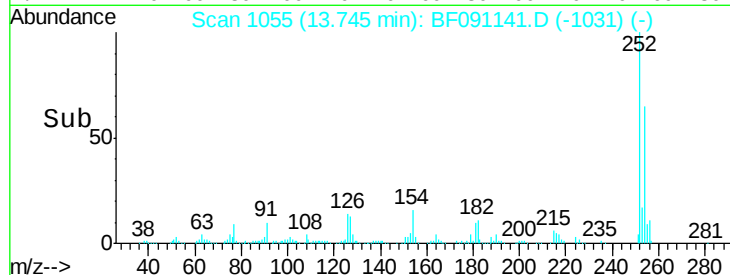
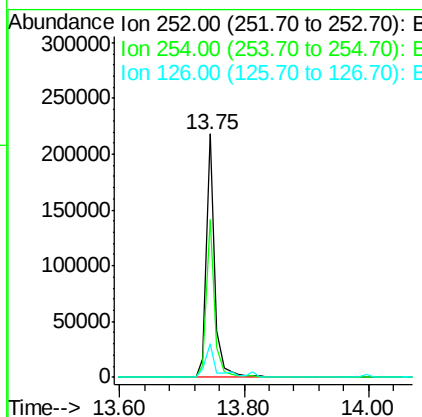
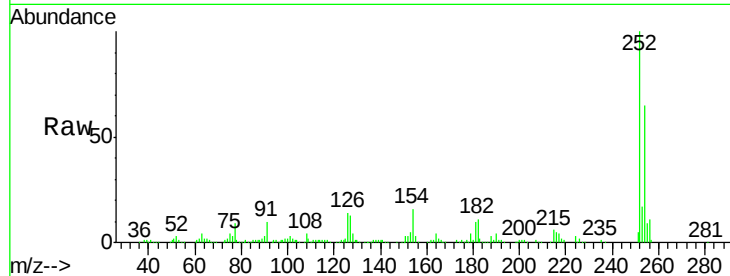
#81
 3,3'-Dichlorobenzidine
 Concen: 16.97 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.8	52.0	78.0
126	13.8	5.4	8.2

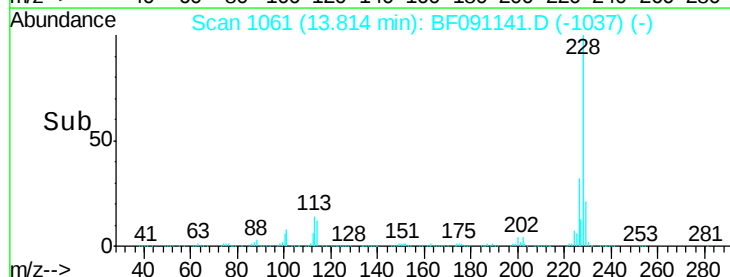
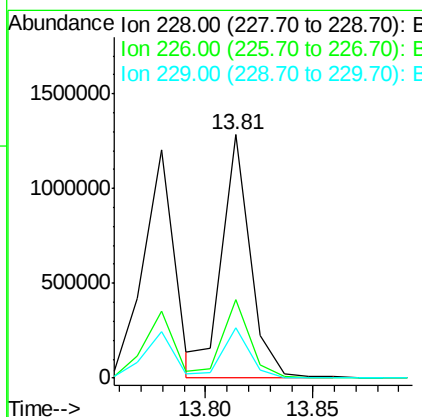
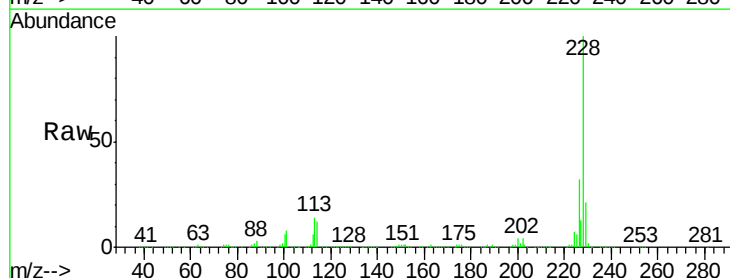
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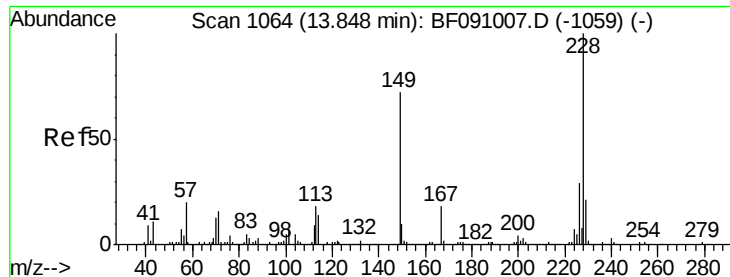
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#82
 Chrysene
 Concen: 34.13 ng m
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.4	24.9	37.3
229	20.6	15.9	23.9





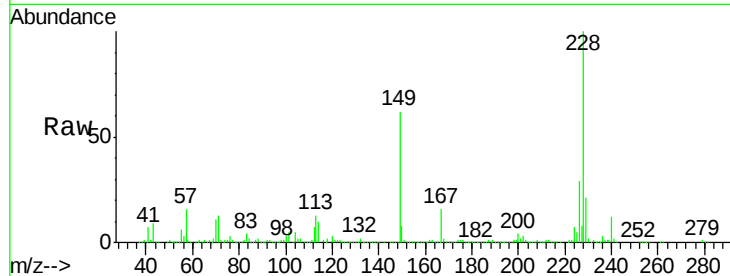
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.46 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BSD

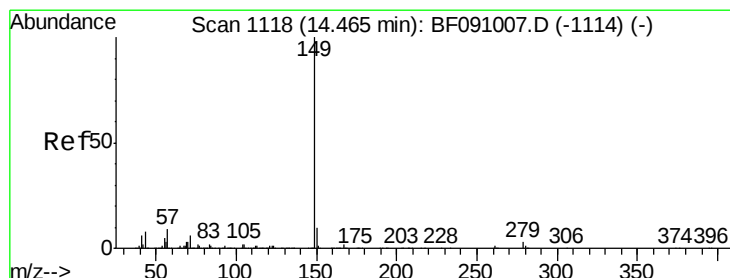
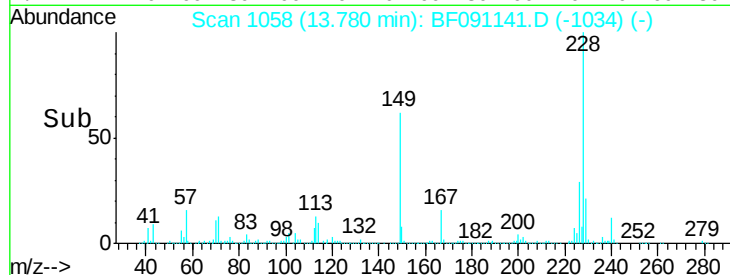
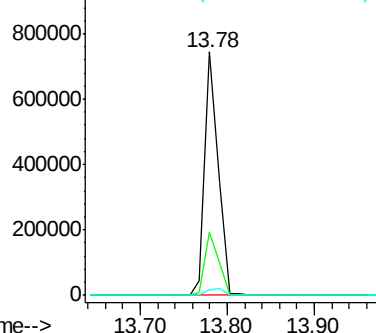
Tot Ion	Ratio	Resp	Lower	Upper
149	100	790030		
167	25.9	20.4	30.6	
279	2.4	1.6	2.4	

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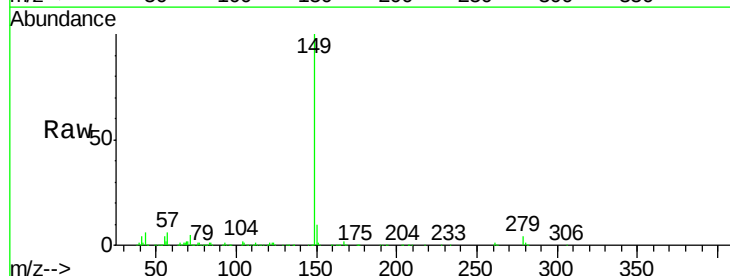


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

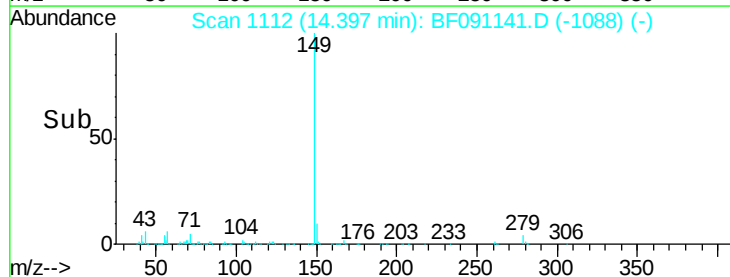
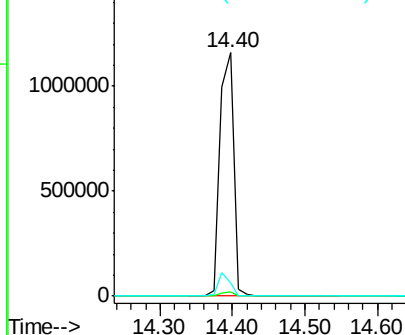


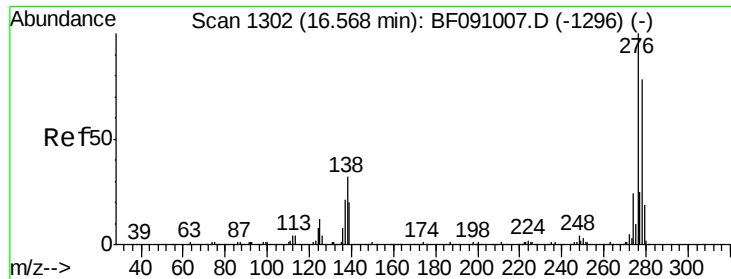
#84
 Di-n-octyl phthalate
 Concen: 35.82 ng
 RT: 14.40 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1527711		
167	1.6	1.2	1.8	
43	8.6	8.2	12.4	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





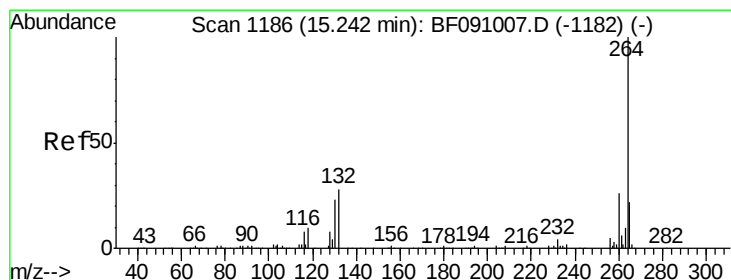
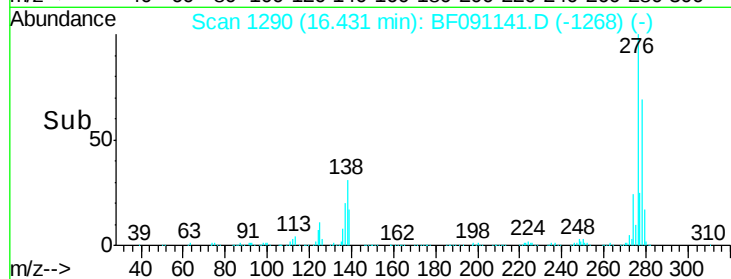
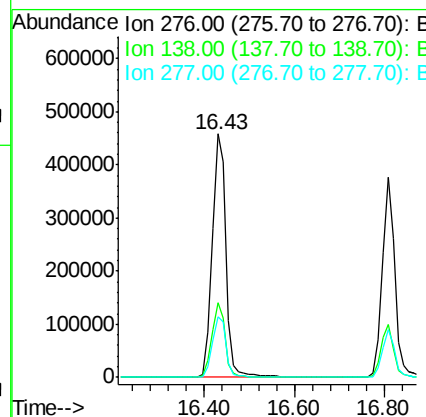
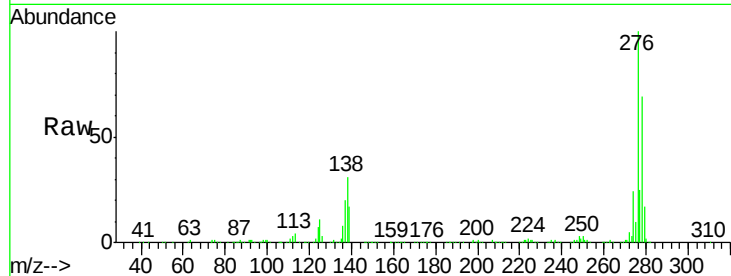
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.25 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.05 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	26.0	39.0
277	25.0	20.1	30.1

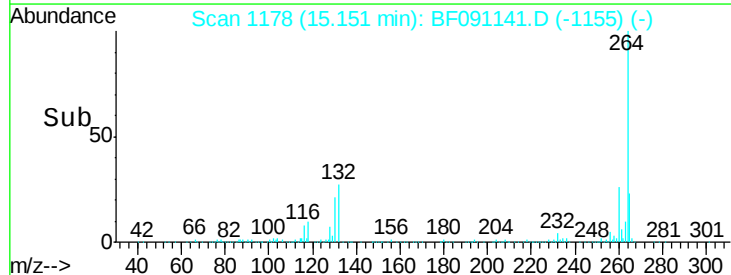
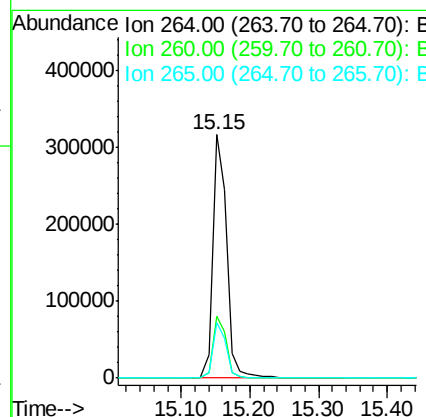
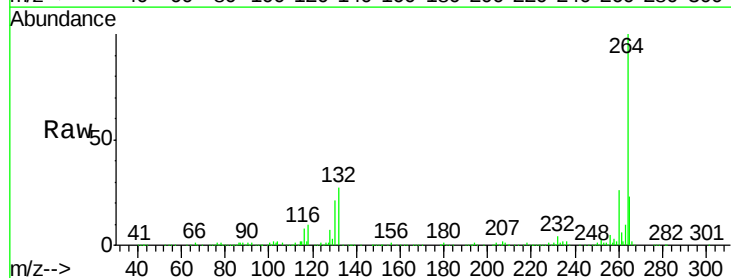
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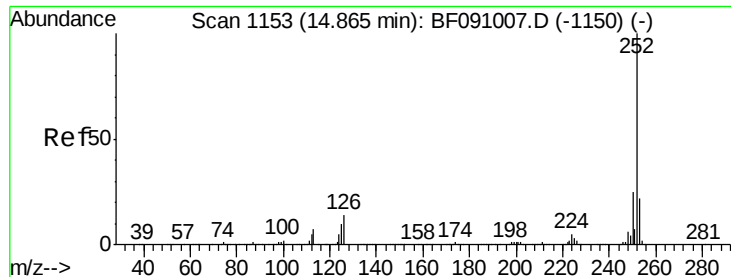
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	22.7	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 41.21 ng m

RT: 14.79 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

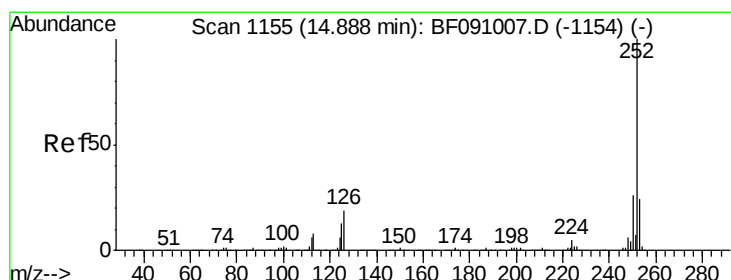
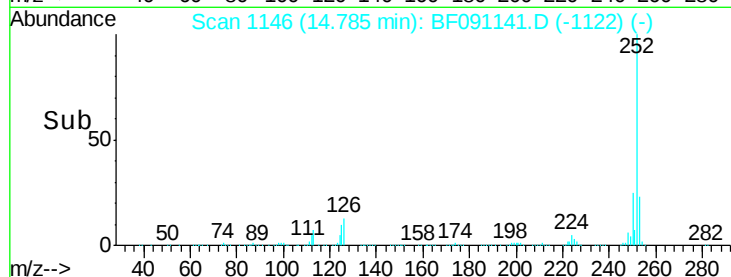
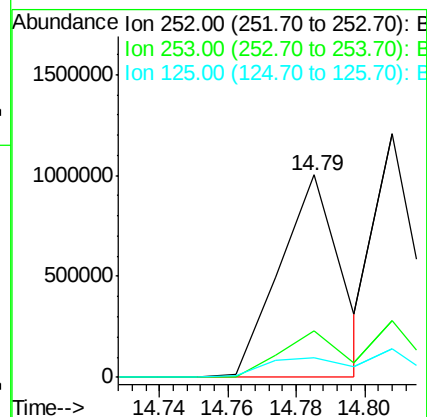
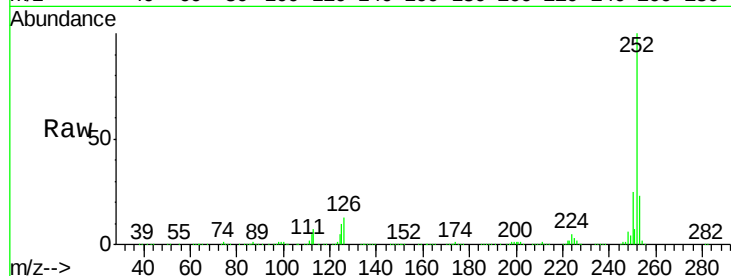
PB94644BSD

Tot Ion:252 Resp: 1249613

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.8	8.3	12.5

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#88

Benzo(k)fluoranthene

Concen: 37.69 ng m

RT: 14.81 min Scan# 1148

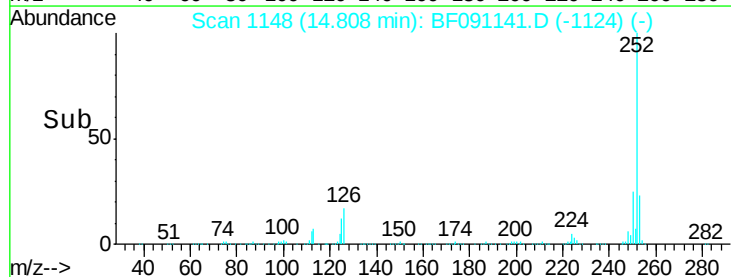
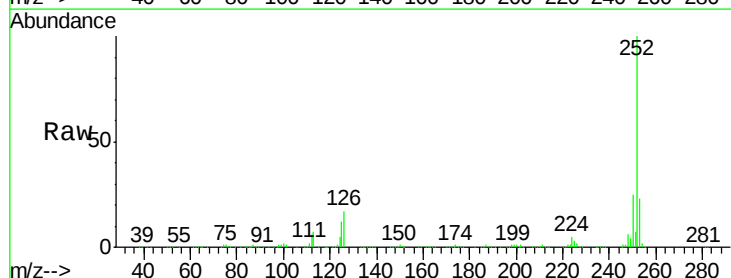
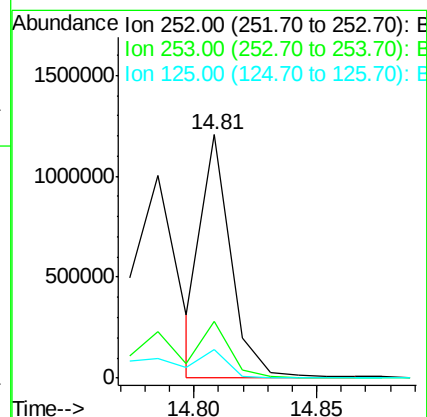
Delta R.T. -0.02 min

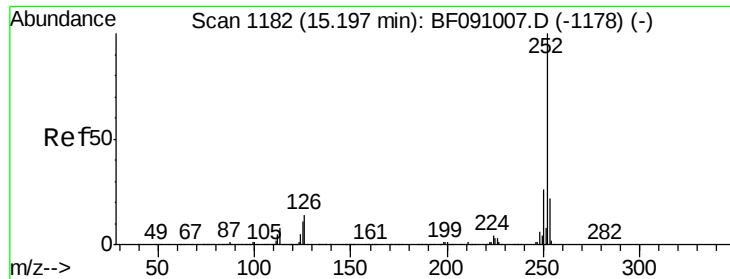
Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion:252 Resp: 1002487

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	11.8	11.2	16.8





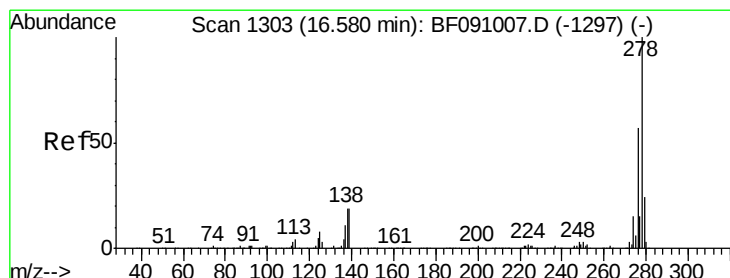
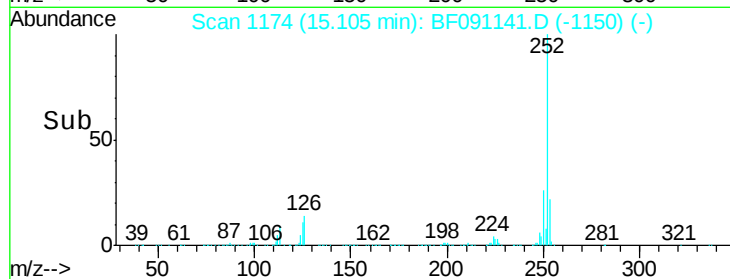
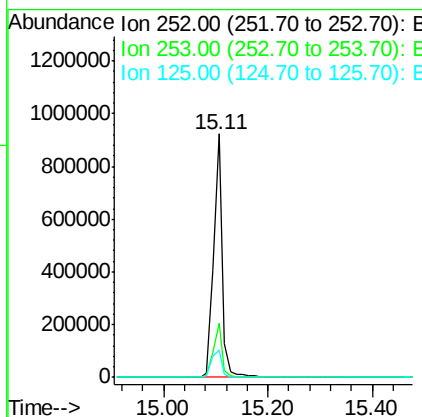
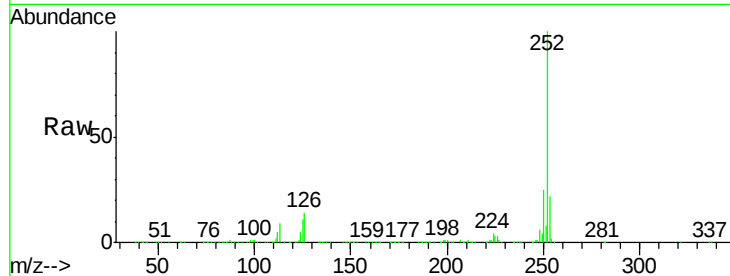
#89
Benzo(a)pyrene
Concen: 39.77 ng
RT: 15.11 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.2	8.6	13.0

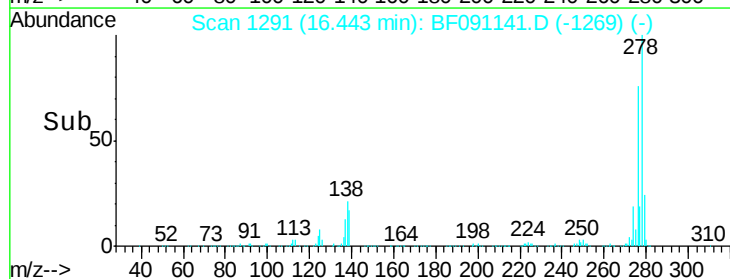
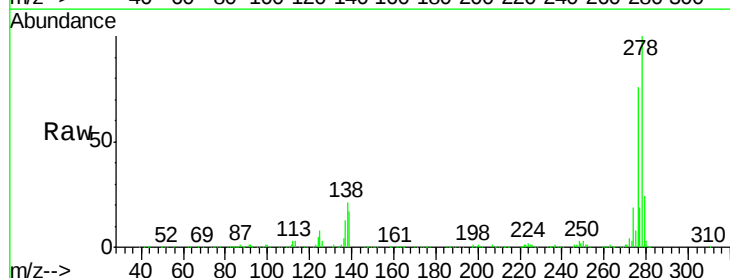
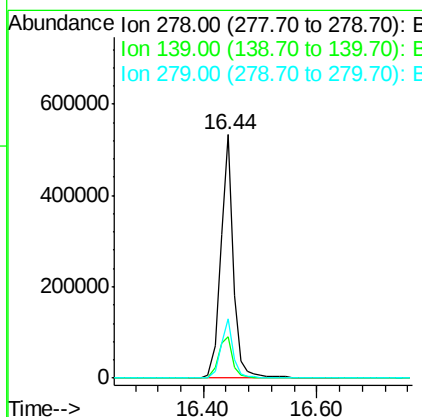
Manual Integrations
APPROVED

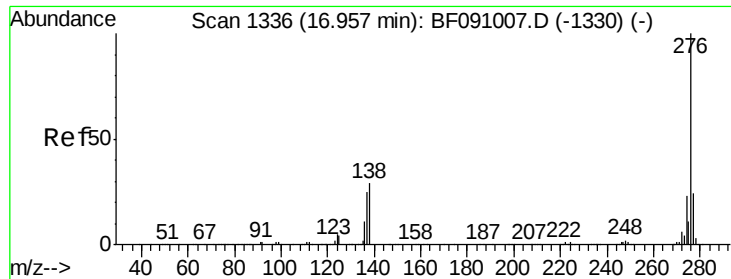
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 36.14 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.3	22.9
279	24.2	19.3	28.9





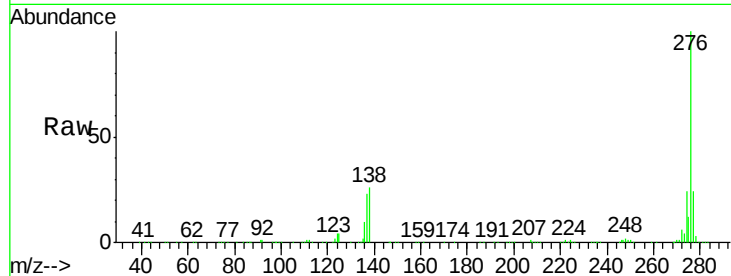
#91
 Benzo(a,h,i)perylene
 Concen: 35.85 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.05 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB94644BSD

Tot Ion:	276	Resp:	739880
Ion Ratio		Lower	Upper
276	100		
277	24.2	19.2	28.8
138	26.2	23.3	34.9

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:56 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

