

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092254.D
 Acq On : 13 Jan 2017 21:00
 Operator : UM/SJ
 Sample : PB95972BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Manual Integrations
 APPROVED

Sohil
 1/16/2017 8:39:20 AM

Quant Time: Jan 16 02:32:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	221076	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	883841	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	473929	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	637702	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	442482	20.00	ng	-0.01
86) Perylene-d12	15.07	264	410377	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1658162	125.24	ng	0.01
7) Phenol-d6	6.24	99	2278139	140.93	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1355221	85.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	391286	99.76	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	2340428	104.08	ng	-0.01
78) Terphenyl-d14	12.68	244	1852068	101.51	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.12	88	220807	33.87	ng	98
3) Pyridine	2.72	79	777066	34.16	ng	98
4) n-Nitrosodimethylamine	2.70	42	312385	36.40	ng	97
6) Aniline	6.24	93	229127	10.91	ng	# 86
8) 2-Chlorophenol	6.37	128	653694	43.40	ng	91
9) Benzaldehyde	6.12	77	44013	3.43	ng	92
10) Phenol	6.26	94	705038	38.27	ng	84
11) bis(2-Chloroethyl)ether	6.32	93	717339	48.94	ng	98
12) 1,3-Dichlorobenzene	6.51	146	688115	42.80	ng	# 89
13) 1,4-Dichlorobenzene	6.59	146	657847m	40.20	ng	
14) 1,2-Dichlorobenzene	6.75	146	609048	42.89	ng	97
15) Benzyl Alcohol	6.74	79	487904	38.84	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	966105	44.26	ng	53
17) 2-Methylphenol	6.87	107	539918	44.58	ng	# 89
18) Hexachloroethane	7.08	117	260587	42.95	ng	# 89
19) n-Nitroso-di-n-propylamine	7.01	70	517146	48.09	ng	96
20) 3+4-Methylphenols	7.02	107	767644	53.14	ng	# 70
22) Acetophenone	7.00	105	995301	45.66	ng	# 91
24) Nitrobenzene	7.17	77	742761	43.88	ng	91
25) Isophorone	7.41	82	1419894	48.42	ng	95
26) 2-Nitrophenol	7.49	139	408339	48.91	ng	# 83
27) 2,4-Dimethylphenol	7.55	122	621794	44.91	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	867507	48.78	ng	99
29) 2,4-Dichlorophenol	7.74	162	593164	50.59	ng	94
30) 1,2,4-Trichlorobenzene	7.81	180	558175	43.44	ng	97
31) Naphthalene	7.88	128	1781199	44.03	ng	99
32) Benzoic acid	7.72	122	405726	39.51	ng	95
33) 4-Chloroaniline	7.95	127	129701	7.11	ng	95
34) Hexachlorobutadiene	8.00	225	288920	42.60	ng	99
35) Caprolactam	8.34	113	177252m	46.00	ng	
36) 4-Chloro-3-methylphenol	8.46	107	605286	44.86	ng	94
37) 2-Methylnaphthalene	8.58	142	1153368	48.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	528592	44.15	ng	98
40) Hexachlorocyclopentadiene	8.74	237	386497	72.85	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	351157	41.93	nq	99
43) 2,4,5-Trichlorophenol	8.92	196	325464	37.77	nq	98
45) 1,1'-Biphenyl	9.04	154	1524006	46.96	nq	98
46) 2-Chloronaphthalene	9.07	162	1165642	45.36	nq	100
47) 2-Nitroaniline	9.17	65	346175	37.83	nq	99
48) Acenaphthylene	9.48	152	1862403	47.12	nq	99
49) Dimethylphthalate	9.35	163	1490676	49.18	nq	98
50) 2,6-Dinitrotoluene	9.42	165	369518	55.70	nq	93
51) Acenaphthene	9.65	154	980339	36.59	nq	98
52) 3-Nitroaniline	9.58	138	84772	10.32	nq	94
53) 2,4-Dinitrophenol	9.71	184	176360	47.77	nq	# 91
54) Dibenzofuran	9.82	168	1247330	34.47	nq	100
55) 4-Nitrophenol	9.79	139	353537m	63.42	nq	
56) 2,4-Dinitrotoluene	9.82	165	274600	32.98	nq	# 68
57) Fluorene	10.16	166	1036493	39.37	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	236026	34.63	nq	99
59) Diethylphthalate	10.05	149	1028708	34.95	nq	99
60) 4-Chlorophenyl-phenylether	10.15	204	412071	35.75	nq	97
61) 4-Nitroaniline	10.20	138	213495	25.09	nq	99
62) Azobenzene	10.31	77	1177686	36.34	nq	99
64) 4,6-Dinitro-2-methylphenol	10.23	198	153405	39.78	nq	# 52
65) n-Nitrosodiphenylamine	10.28	169	825669	43.63	nq	99
66) 4-Bromophenyl-phenylether	10.64	248	313801	47.30	nq	# 89
67) Hexachlorobenzene	10.71	284	314548	44.36	nq	# 83
68) Atrazine	10.82	200	259160	42.46	nq	97
69) Pentachlorophenol	10.91	266	245898	70.68	nq	99
70) Phenanthrene	11.11	178	1364168	39.45	nq	99
71) Anthracene	11.17	178	1616191	58.89	nq	99
72) Carbazole	11.33	167	1398505	53.82	nq	99
73) Di-n-butylphthalate	11.67	149	1714677	53.07	nq	# 96
74) Fluoranthene	12.29	202	1483555	49.27	nq	98
76) Benzidine	12.43	184	225017	16.44	nq	96
77) Pyrene	12.52	202	1391133	42.85	nq	99
79) Butylbenzylphthalate	13.16	149	744752	50.44	nq	# 80
80) Benzo(a)anthracene	13.71	228	1264437	50.62	nq	99
81) 3,3'-Dichlorobenzidine	13.67	252	132628	14.00	nq	# 96
82) Chrysene	13.74	228	957628	38.22	nq	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	924891	53.19	nq	# 98
84) Di-n-octyl phthalate	14.33	149	1547693	48.05	nq	100
85) Indeno(1,2,3-cd)pyrene	16.30	276	971620	44.77	nq	99
87) Benzo(b)fluoranthene	14.71	252	1397284m	54.69	nq	
88) Benzo(k)fluoranthene	14.74	252	759630m	34.87	nq	
89) Benzo(a)pyrene	15.02	252	1006447	44.38	nq	# 96
90) Dibenzo(a,h)anthracene	16.31	278	804498	43.16	nq	97
91) Benzo(g,h,i)perylene	16.67	276	839822	43.33	nq	96

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

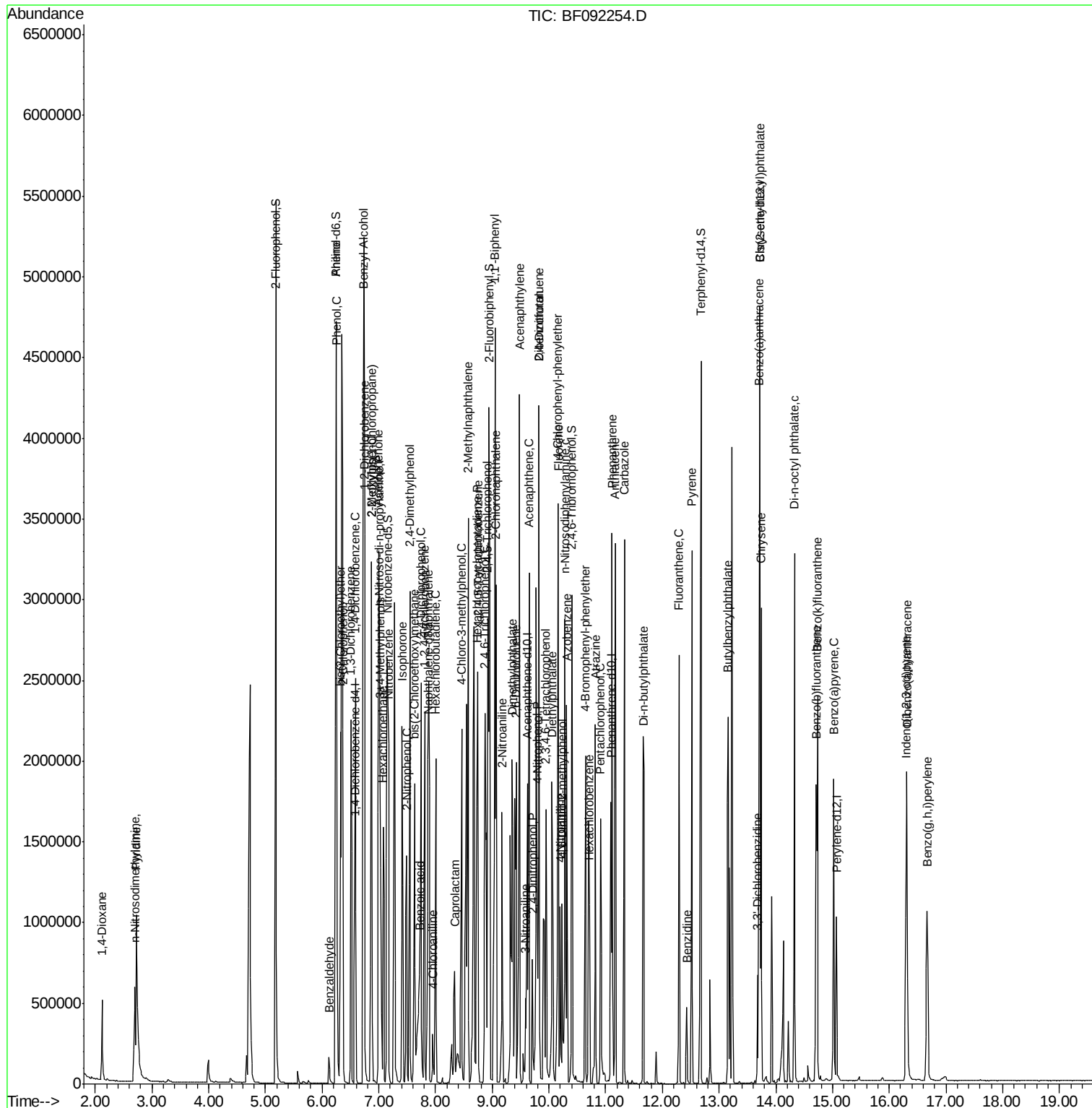
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Operator  : UM/SJ  
Sample    : PB95972BS  
Misc      :  
ALS Vial  : 15      Sample Multiplier: 1
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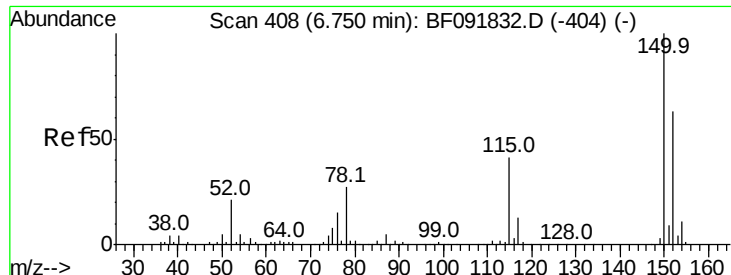
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB95972BS

Tot Ion:152 Resp: 221076

Ion Ratio Lower Upper

152 100

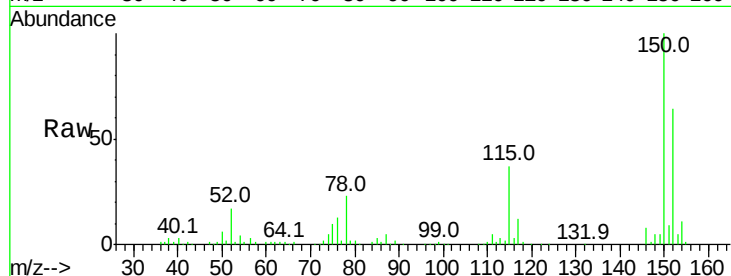
150 155.4 124.9 187.3

115 57.9 46.0 69.0

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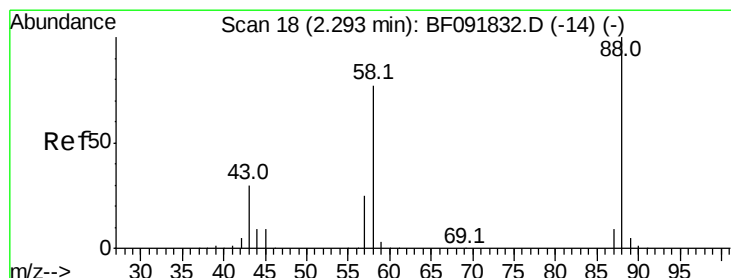
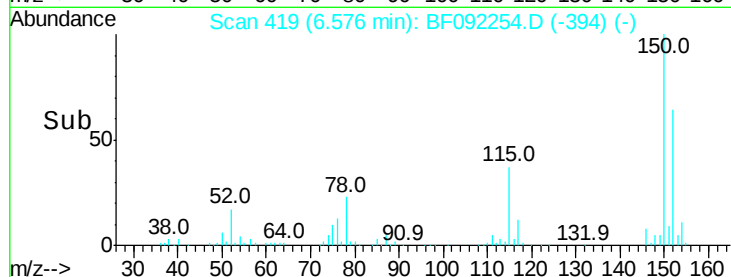
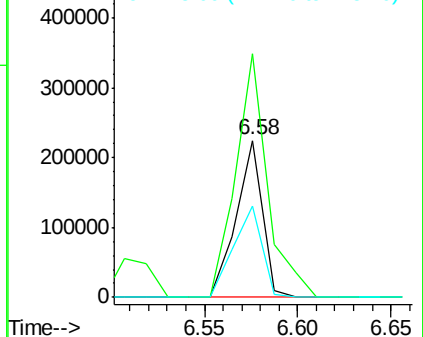
1/16/2017 8:39:20 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.87 ng

RT: 2.12 min Scan# 29

Delta R.T. 0.10 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

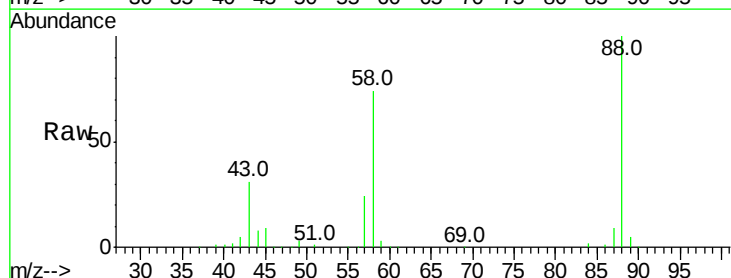
Tgt Ion: 88 Resp: 220807

Ion Ratio Lower Upper

88 100

58 73.6 57.8 86.8

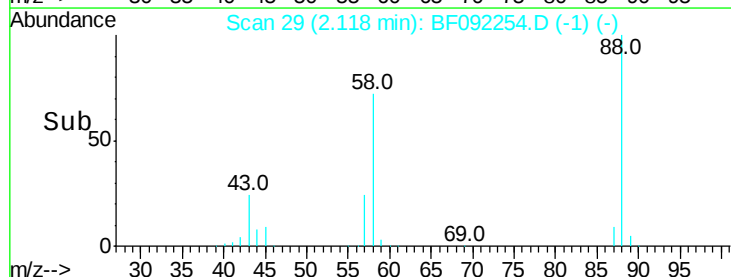
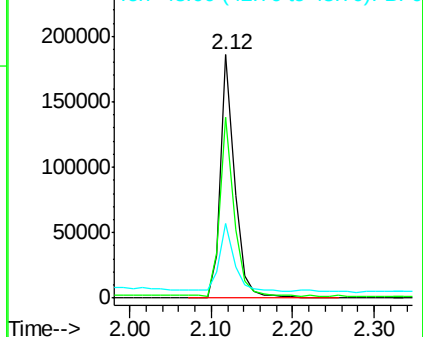
43 29.5 22.3 33.5

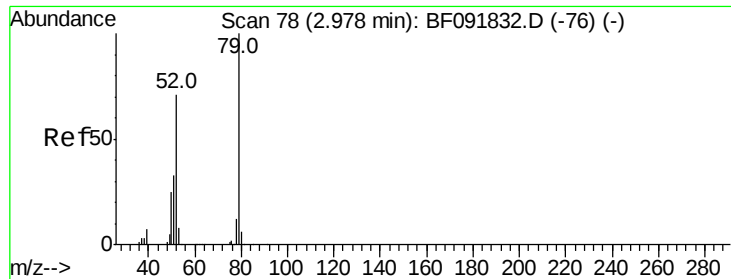


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





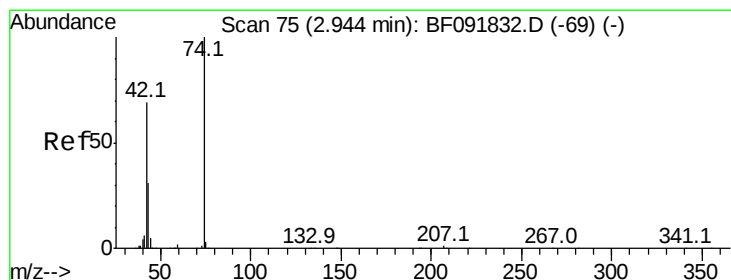
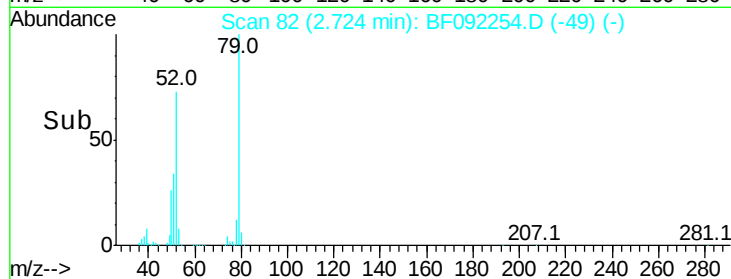
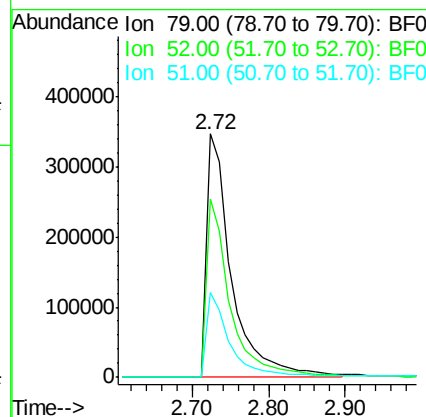
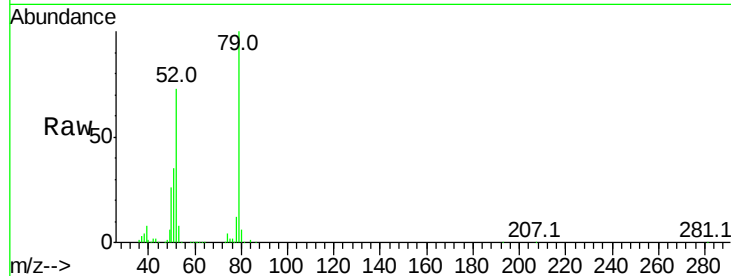
#3
 Pvrindine
 Concen: 34.16 ng
 RT: 2.72 min Scan# 82
 Delta R.T. 0.08 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.3	57.1	85.7
51	34.8	27.3	40.9

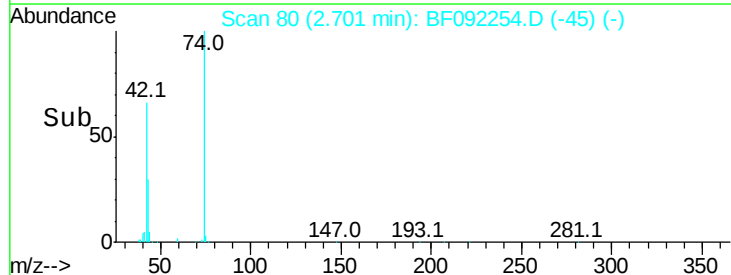
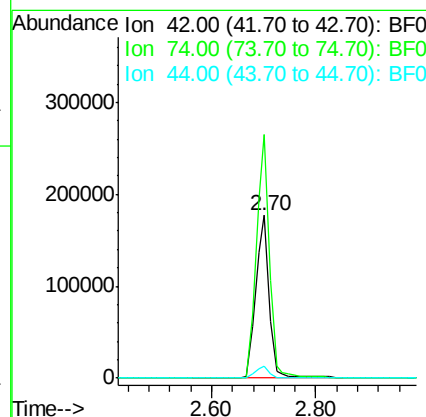
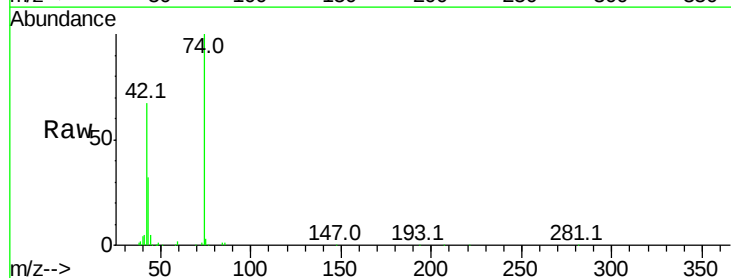
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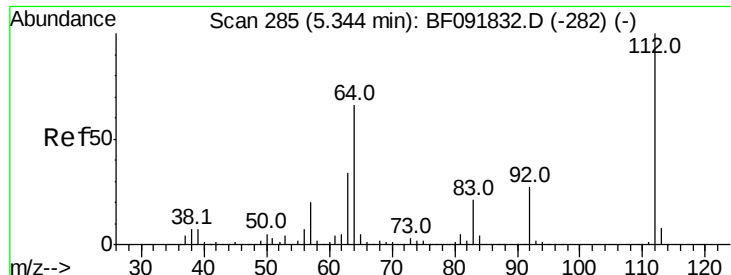
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#4
 n-Nitrosodimethylamine
 Concen: 36.40 ng
 RT: 2.70 min Scan# 80
 Delta R.T. 0.10 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.0	117.0	175.4
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 125.24 ng

RT: 5.18 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

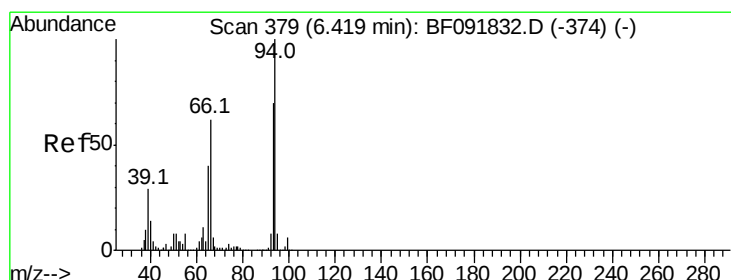
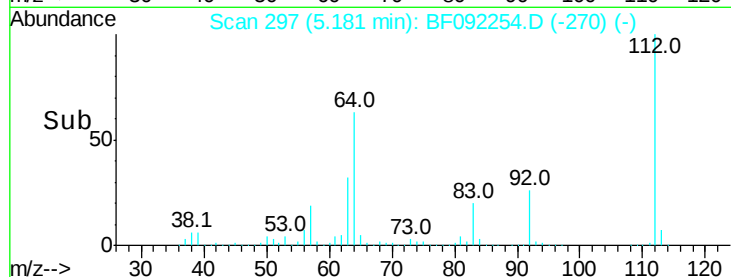
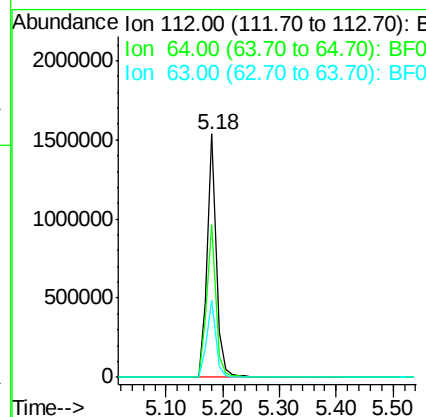
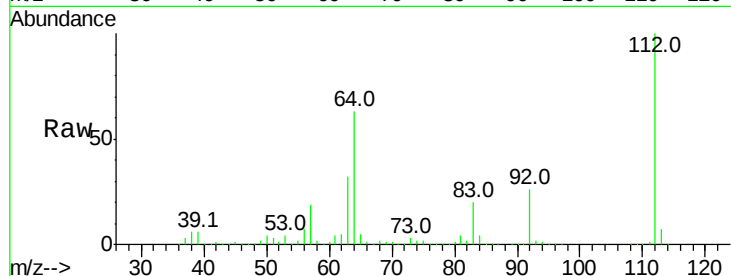
ClientSampleId :

PB95972BS

Tot Ion:	112	Resp:	1658162
Ion	Ratio	Lower	Upper
112	100		
64	62.5	46.1	69.1
63	31.9	23.8	35.6

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#6

Aniline

Concen: 10.91 ng

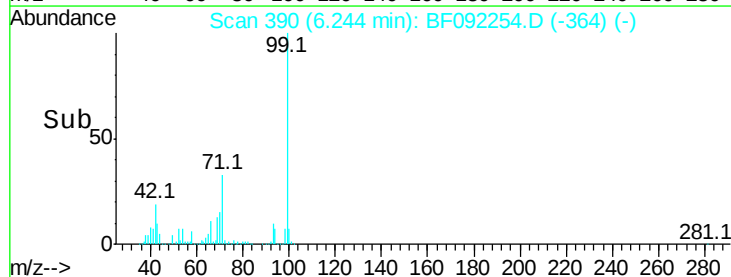
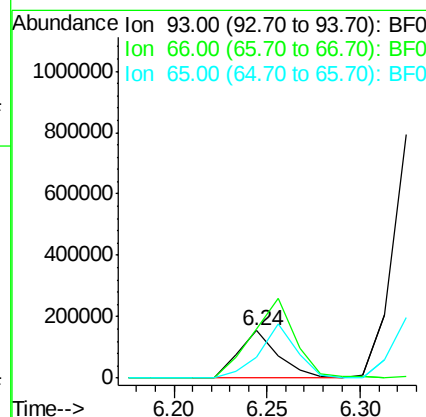
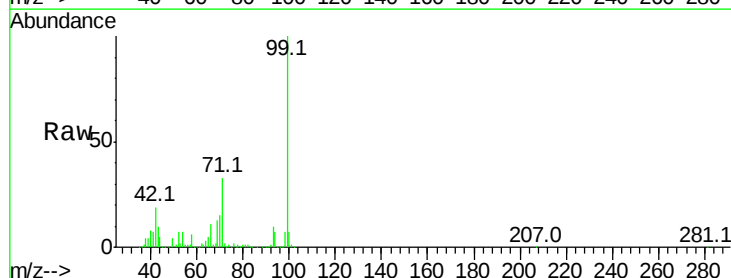
RT: 6.24 min Scan# 390

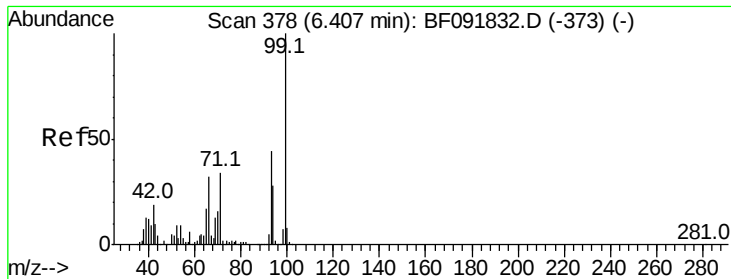
Delta R.T. 0.00 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tgt Ion:	93	Resp:	229127
Ion	Ratio	Lower	Upper
93	100		
66	104.0	76.2	114.2
65	44.4	49.3	73.9#





#7

Phenol-d6

Concen: 140.93 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB95972BS

Tot Ion: 99 Resp: 2278139

Ion Ratio Lower Upper

99 100

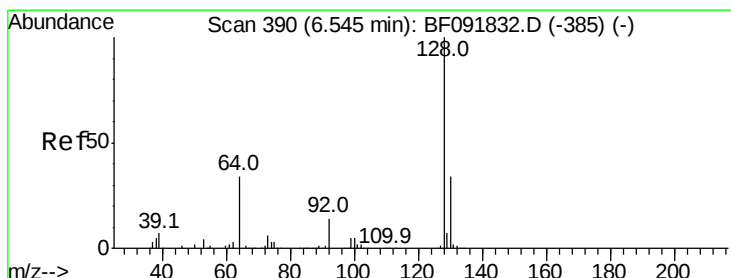
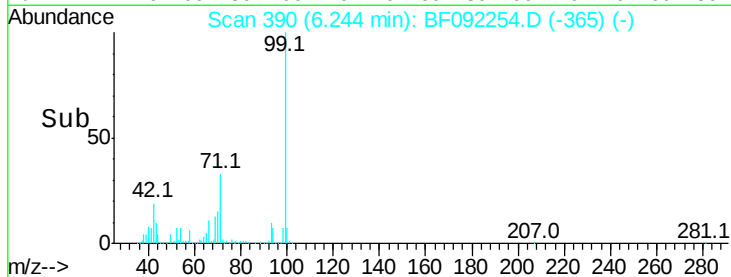
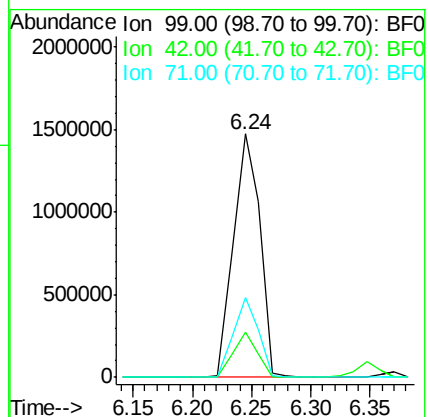
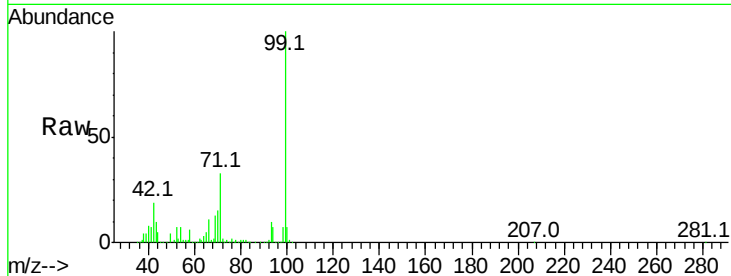
42 18.6 15.6 23.4

71 33.0 27.5 41.3

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#8

2-Chlorophenol

Concen: 43.40 ng

RT: 6.37 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

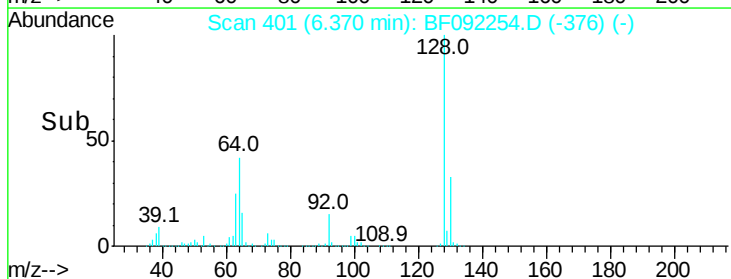
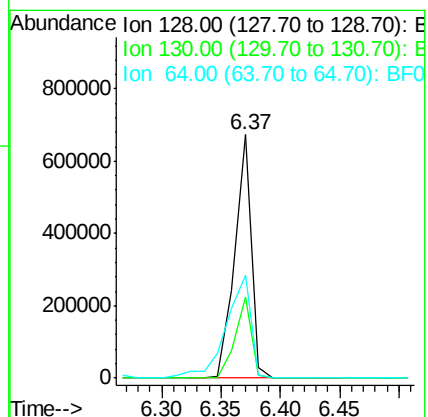
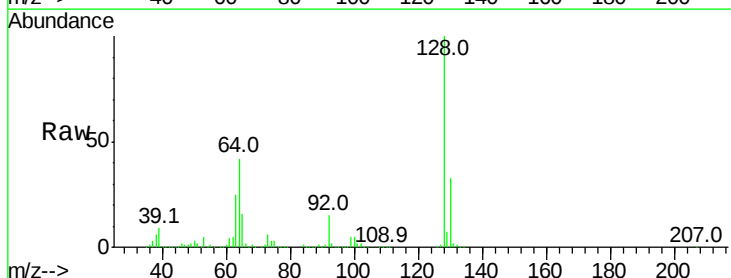
Tgt Ion: 128 Resp: 653694

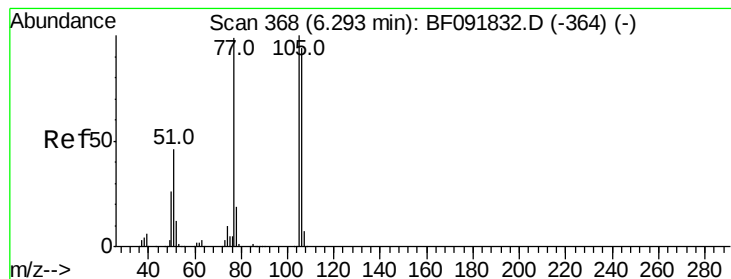
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 42.2 32.2 72.2





#9

Benzaldehyde

Concen: 3.43 ng

RT: 6.12 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

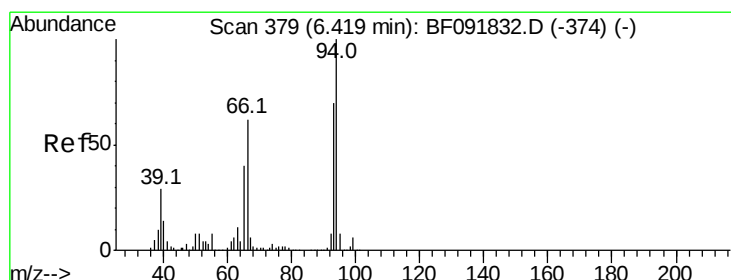
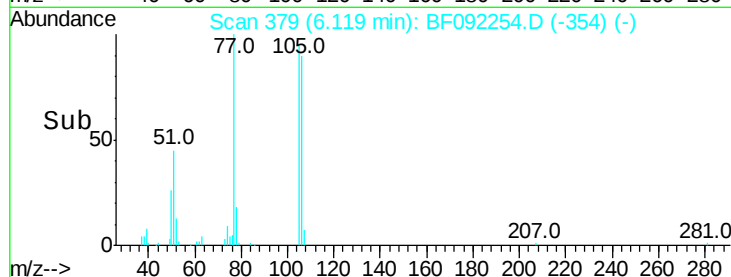
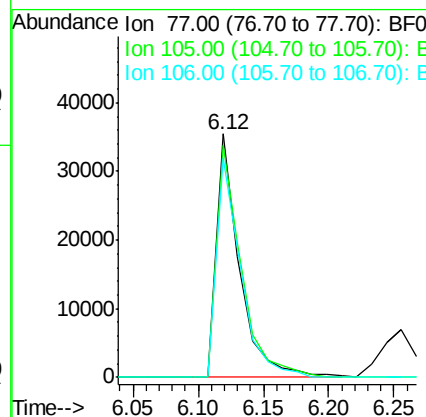
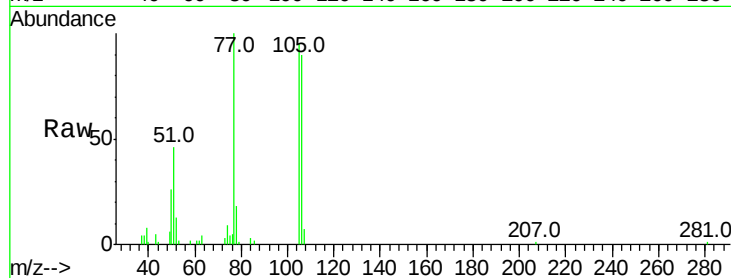
ClientSampleId :

PB95972BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	83.9	123.9
106	89.9	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 38.27 ng

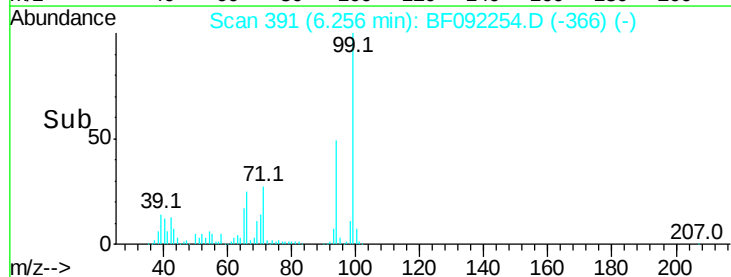
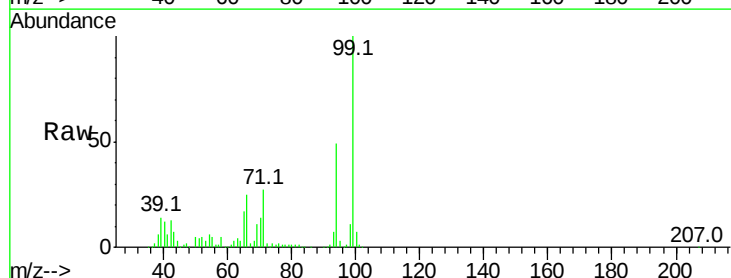
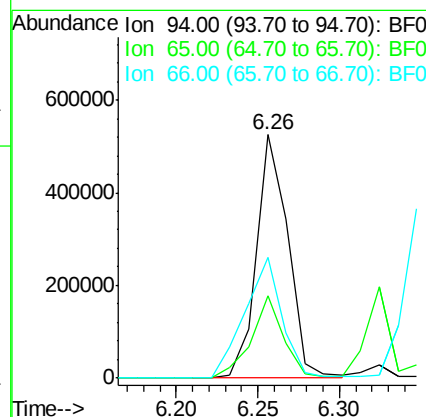
RT: 6.26 min Scan# 391

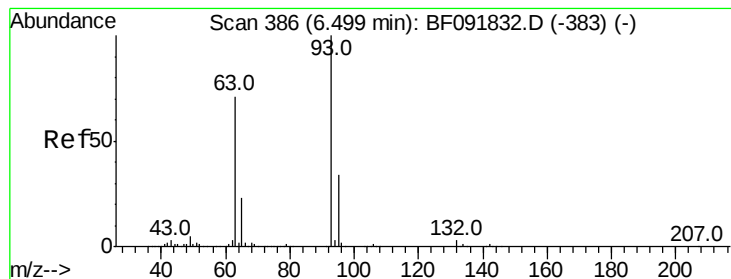
Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	21.4	61.4
66	49.7	44.0	84.0





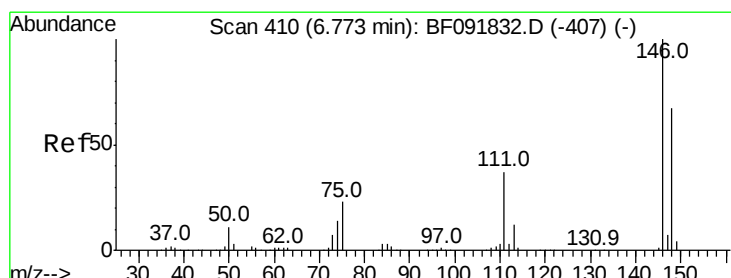
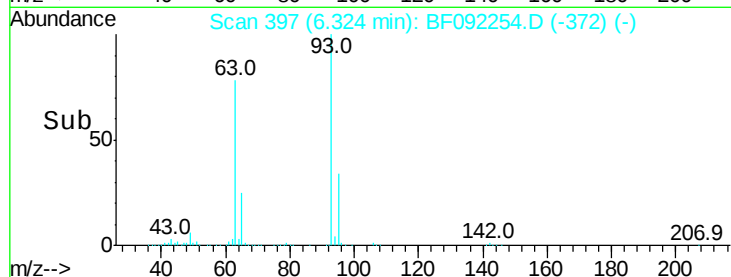
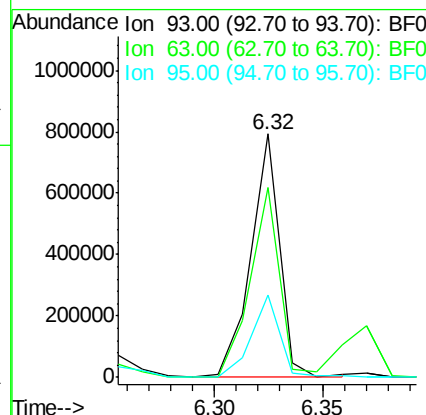
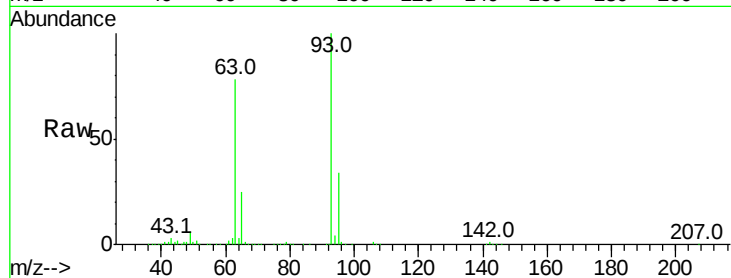
#11
bis(2-Chloroethyl)ether
Concen: 48.94 ng
RT: 6.32 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampled :
PB95972BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.9	60.4	100.4
95	33.6	12.8	52.8

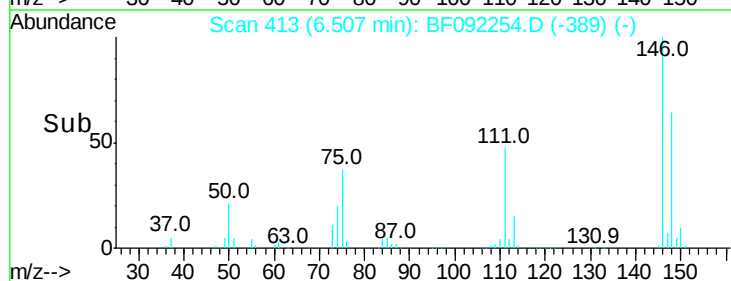
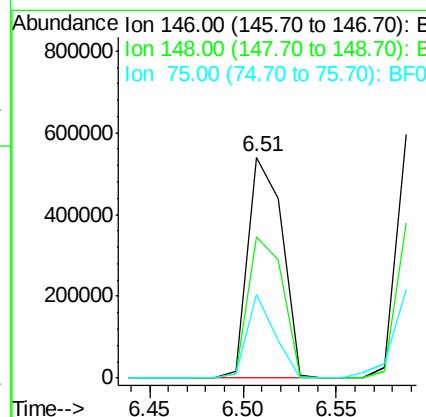
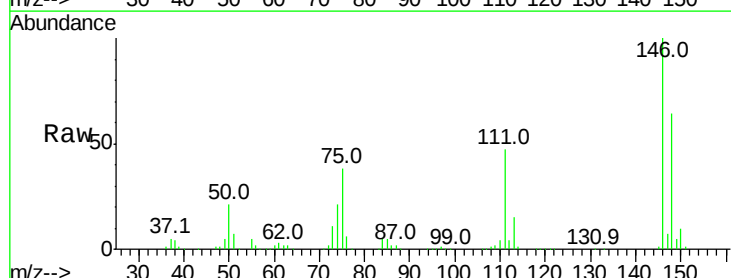
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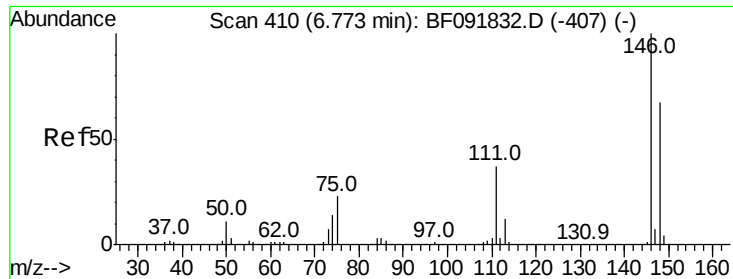
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#12
1,3-Dichlorobenzene
Concen: 42.80 ng
RT: 6.51 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.4	80.0
75	37.7	18.5	27.7





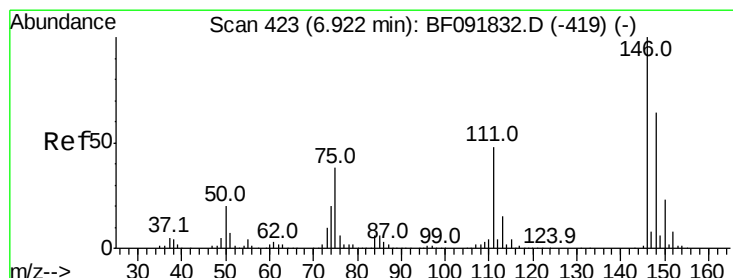
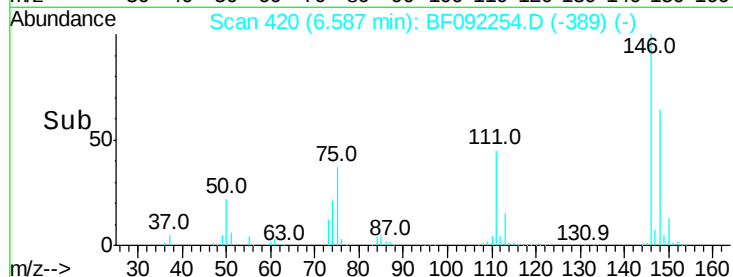
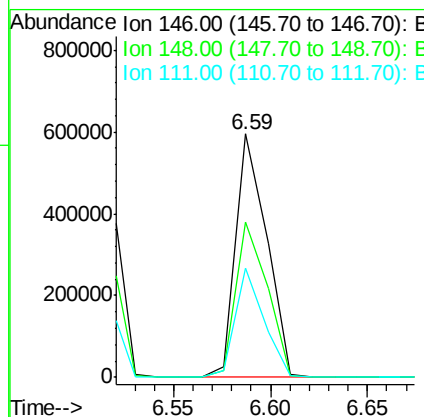
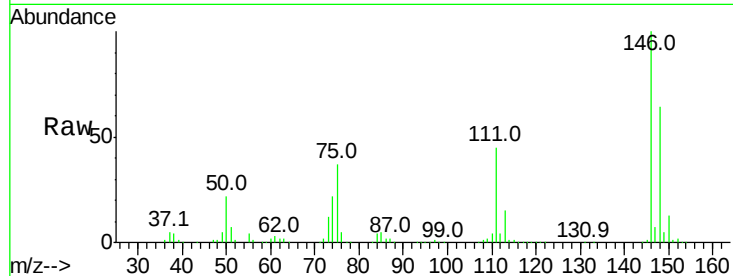
#13
 1,4-Dichlorobenzene
 Concen: 40.20 ng/ml
 RT: 6.59 min Scan# 420
 Delta R.T. 0.06 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	76.0
111	45.0	36.2	54.4

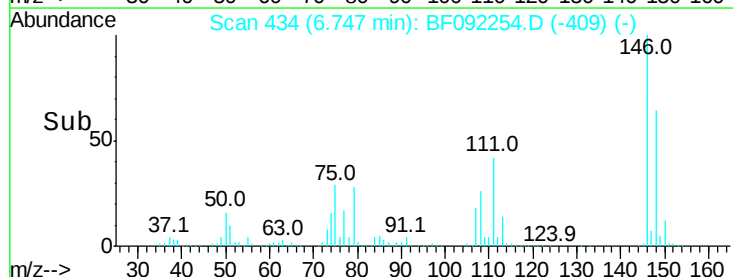
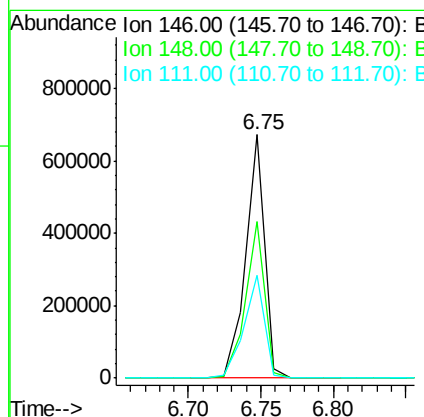
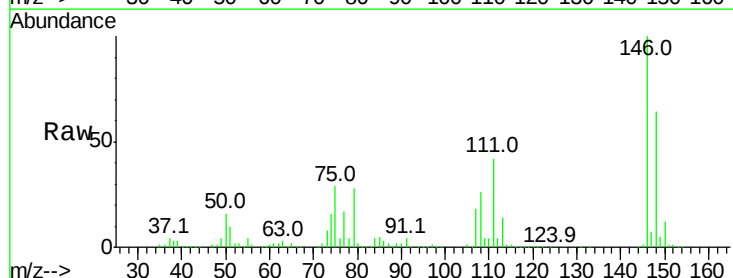
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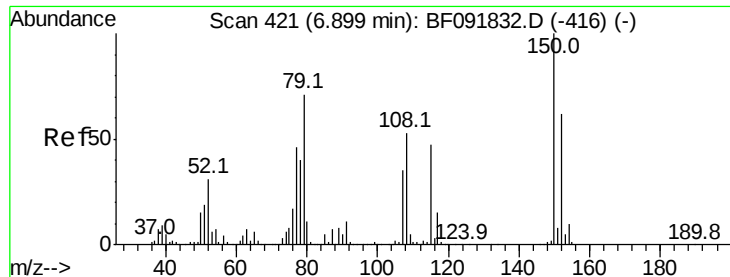
Sohil
 1/16/2017 8:39:20 AM



#14
 1,2-Dichlorobenzene
 Concen: 42.89 ng/ml
 RT: 6.75 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	42.2	36.2	54.2





#15

Benzyl Alcohol

Concen: 38.84 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

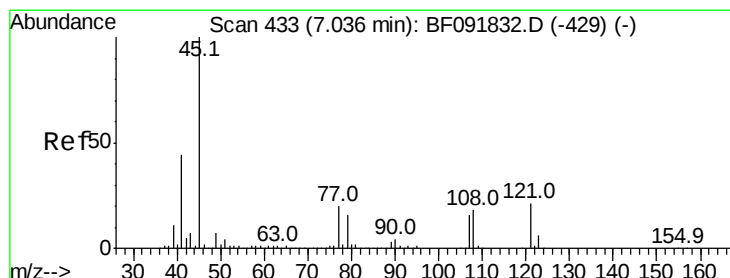
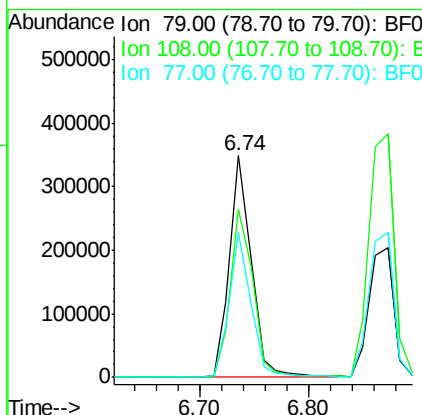
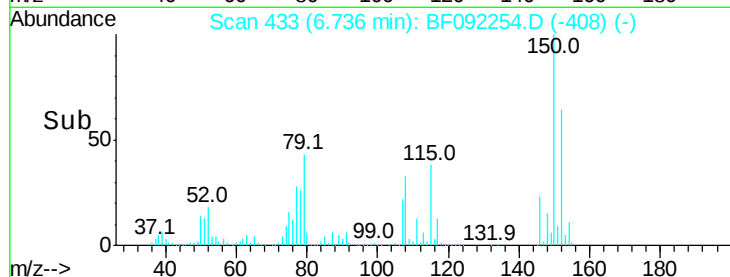
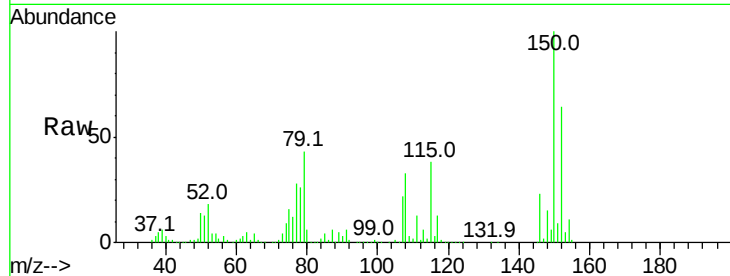
ClientSampled :

PB95972BS

Tot Ion:	79	Resp:	487904
Ion Ratio	Lower	Upper	
79	100		
108	75.8	61.4	92.0
77	65.2	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.26 ng

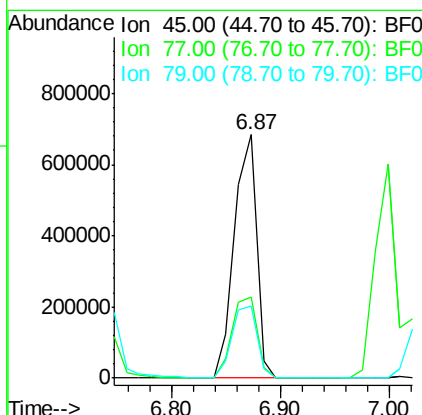
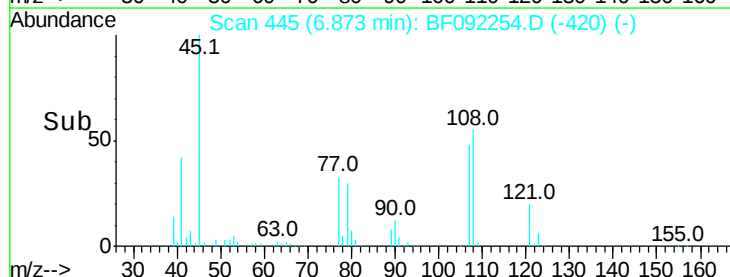
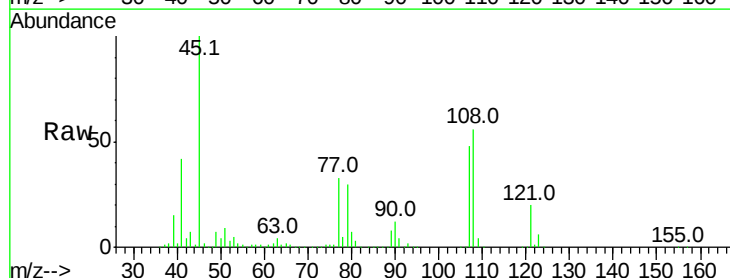
RT: 6.87 min Scan# 445

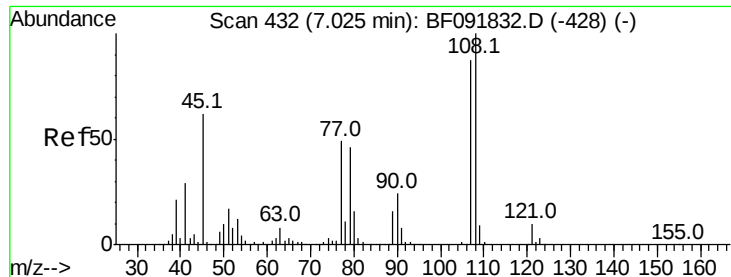
Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tgt Ion:	45	Resp:	966105
Ion Ratio	Lower	Upper	
45	100		
77	33.3	0.0	34.6
79	29.8	0.0	31.2





#17

2-Methylphenol

Concen: 44.58 ng

RT: 6.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

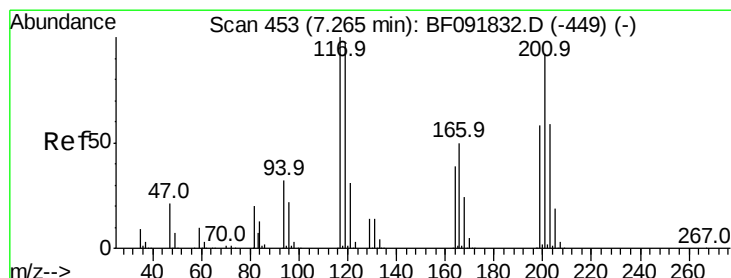
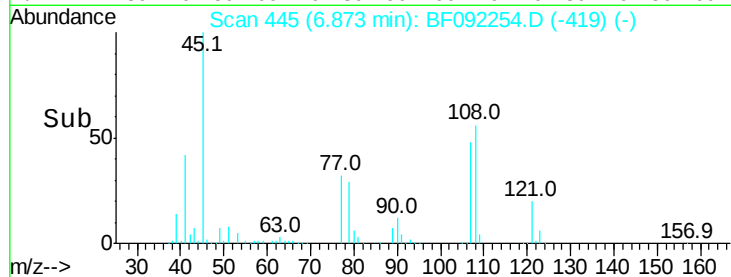
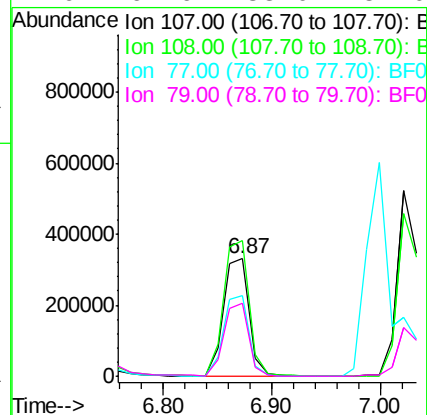
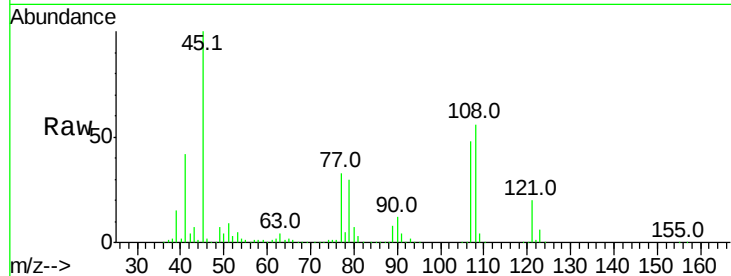
ClientSampled :

PB95972BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	93.0	139.6	
77	68.8	39.8	59.8	
79	61.6	38.0	57.0	

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#18

Hexachloroethane

Concen: 42.95 ng

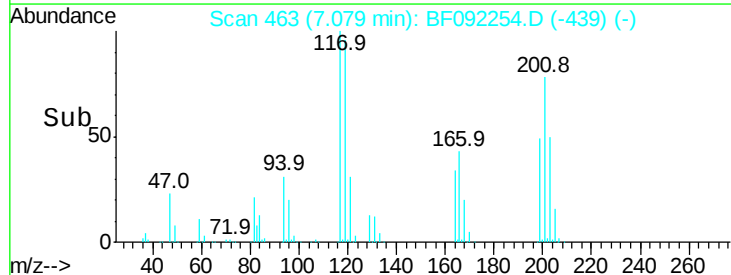
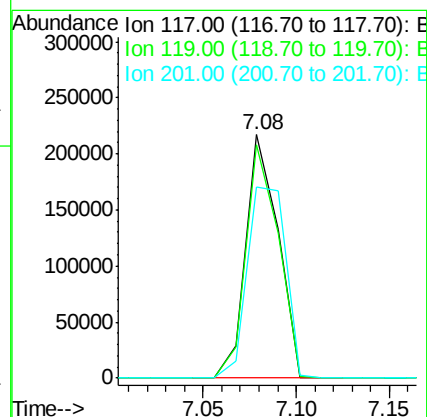
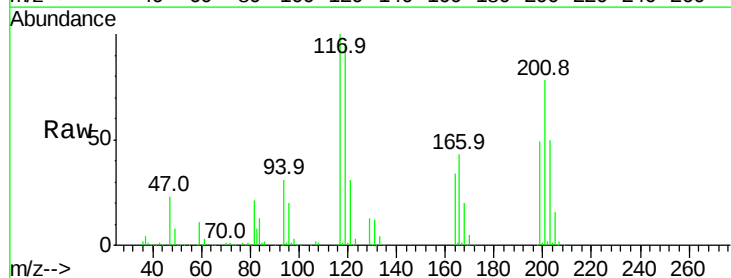
RT: 7.08 min Scan# 463

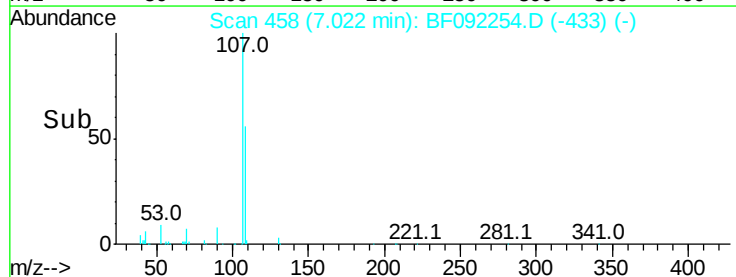
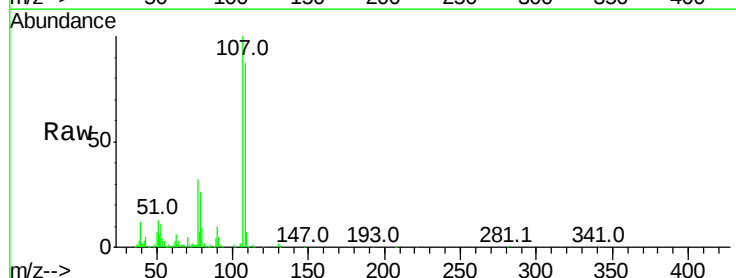
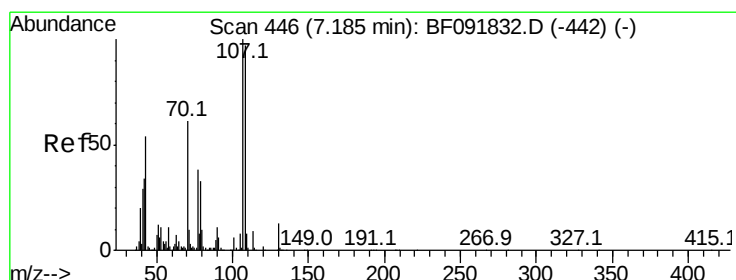
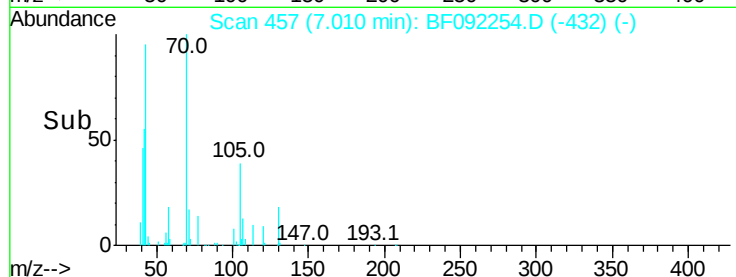
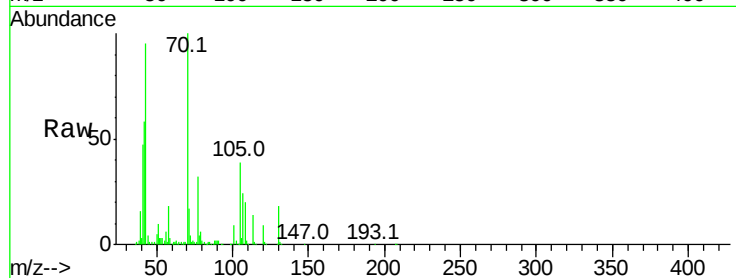
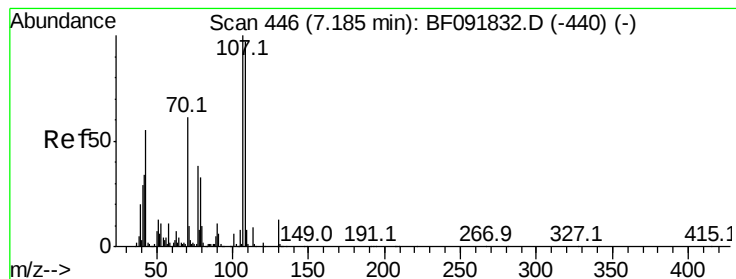
Delta R.T. -0.02 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	78.1	117.1	
201	78.4	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 48.09 ng

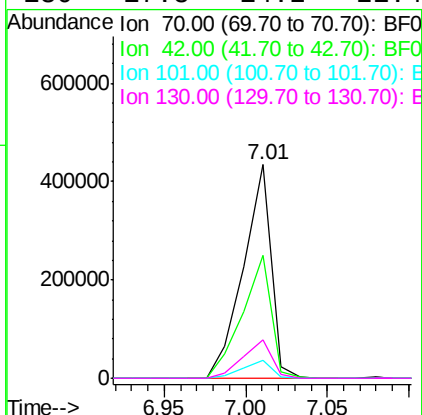
RT: 7.01 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	49.4	74.0	
101	8.7	7.4	11.2	
130	17.8	14.2	21.4	



Instrument :

BNA_F

ClientSampleId :

PB95972BS

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#20

3+4-Methylphenols

Concen: 53.14 ng

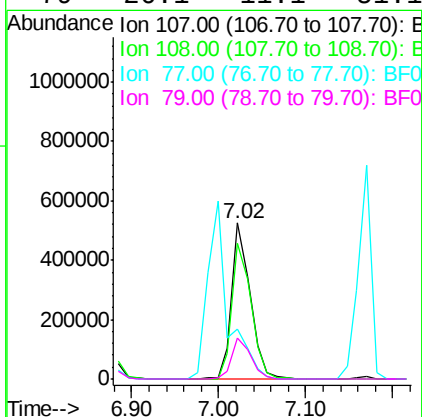
RT: 7.02 min Scan# 458

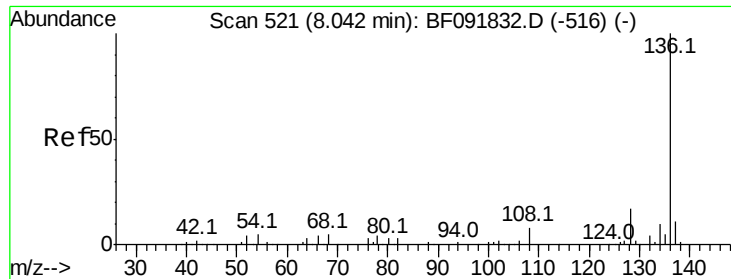
Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	73.0	113.0	
77	31.9	71.3	111.3#	
79	26.1	11.1	51.1	





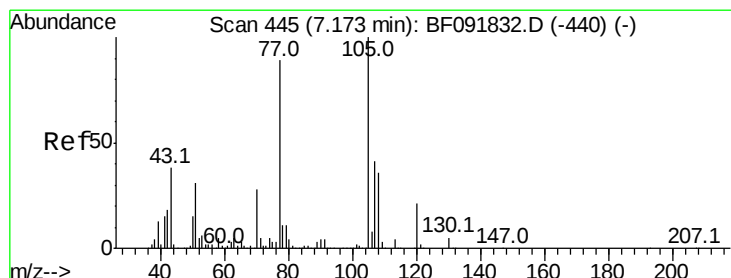
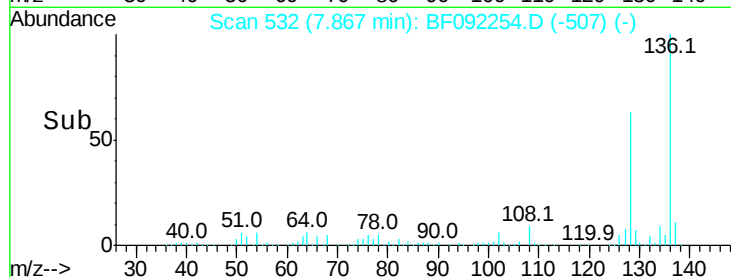
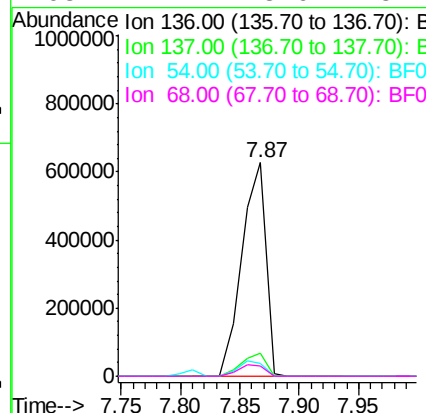
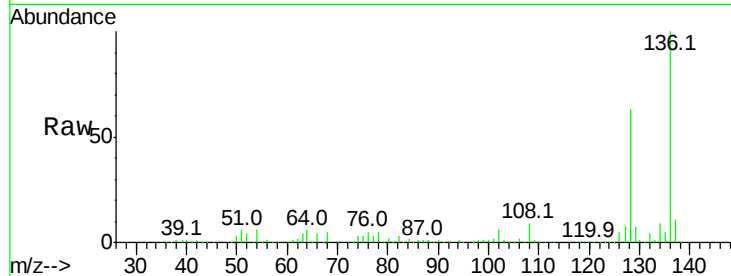
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	883841		
137	10.7		8.4	12.6
54	5.8		4.5	6.7
68	4.7		3.6	5.4

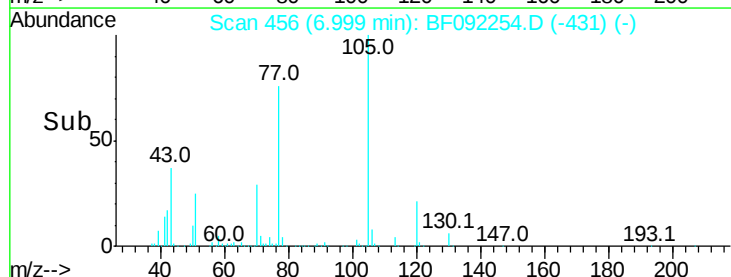
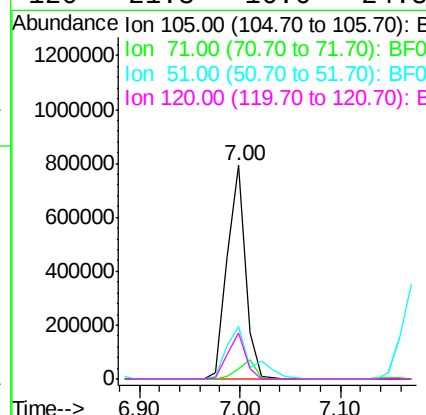
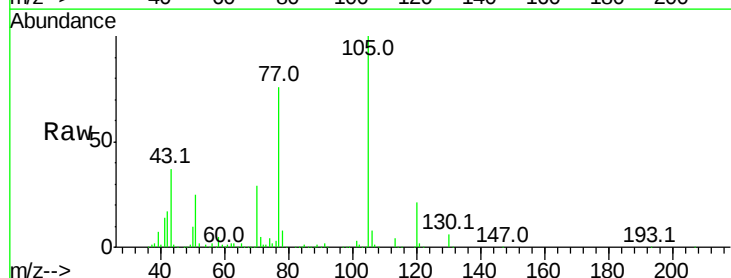
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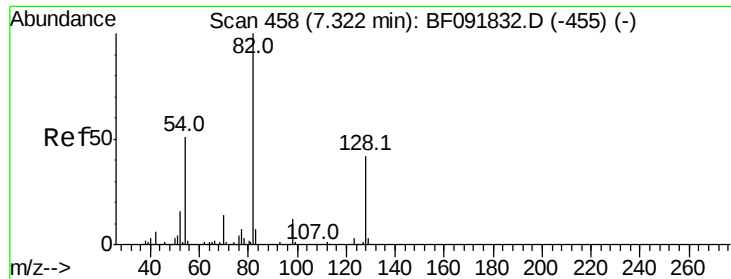
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#22
Acetophenone
Concen: 45.66 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	995301		
71	4.7		3.2	4.8
51	24.7		26.2	39.4#
120	21.3		16.6	24.8





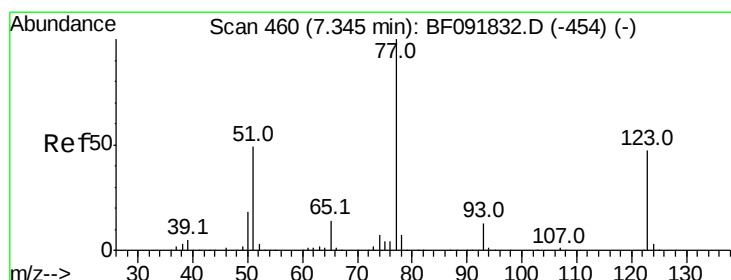
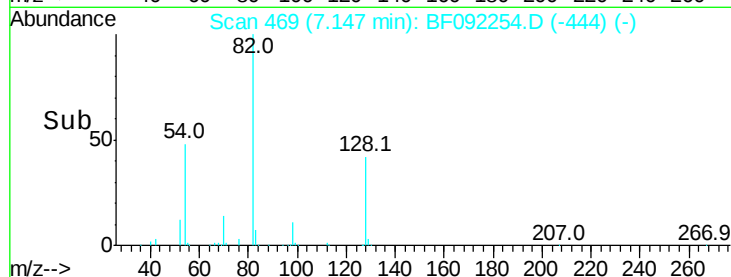
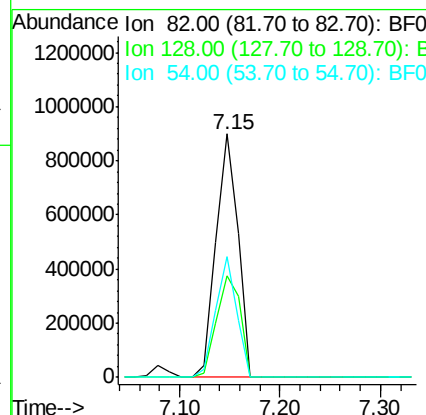
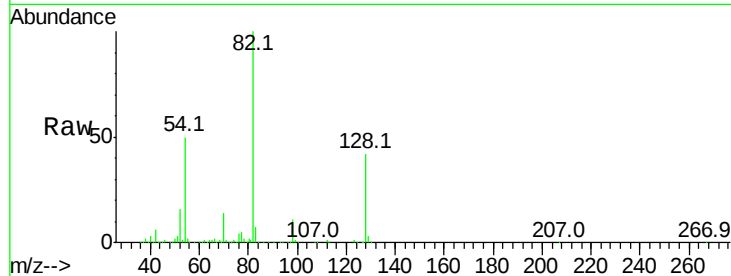
#23
Nitrobenzene-d5
Concen: 85.26 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	49.7	39.5	59.3

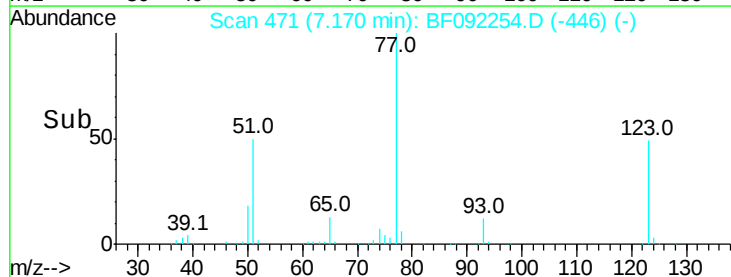
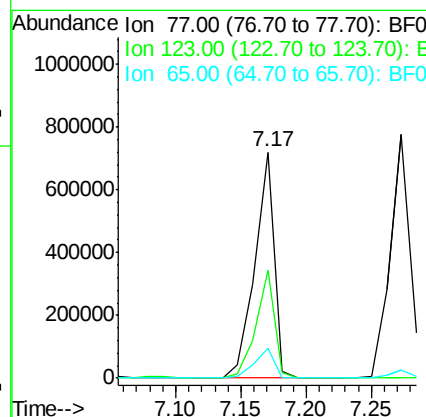
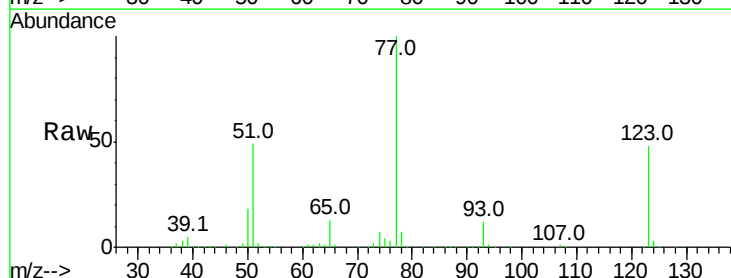
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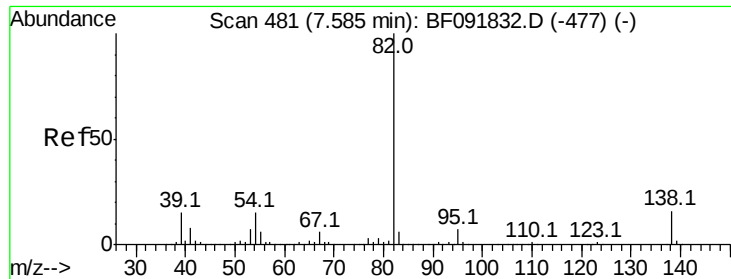
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#24
Nitrobenzene
Concen: 43.88 ng
RT: 7.17 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	33.0	49.4
65	13.0	11.2	16.8





#25

Isophorone

Concen: 48.42 ng

RT: 7.41 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

ClientSampled :

PB95972BS

Tot Ion: 82 Resp: 1419894

Ion Ratio Lower Upper

82 100

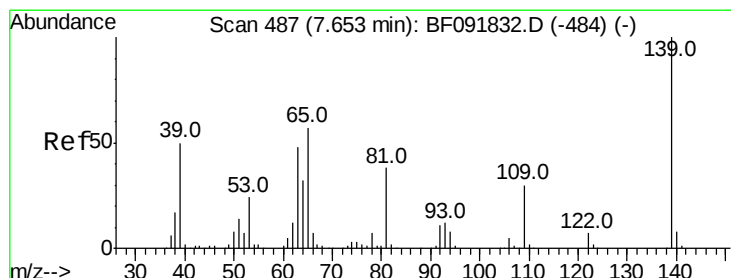
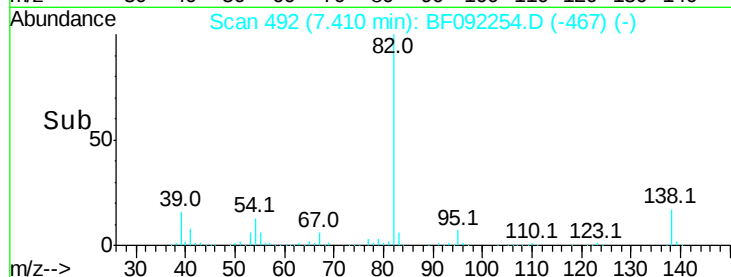
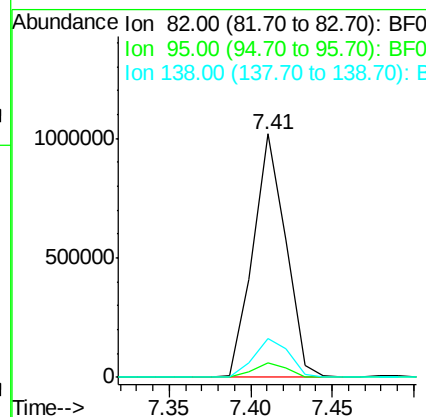
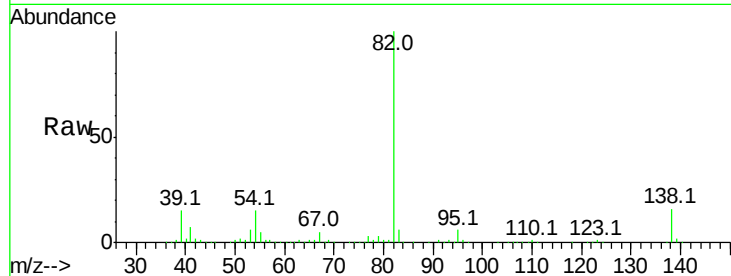
95 6.2 5.6 8.4

138 15.8 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.91 ng

RT: 7.49 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

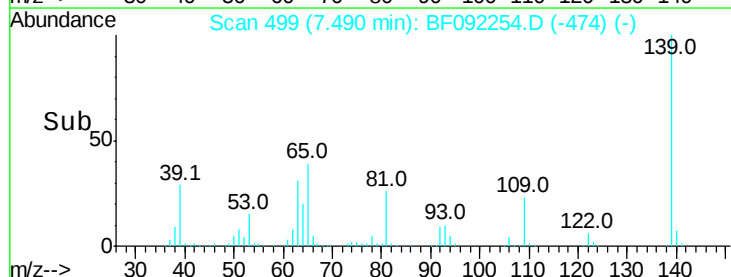
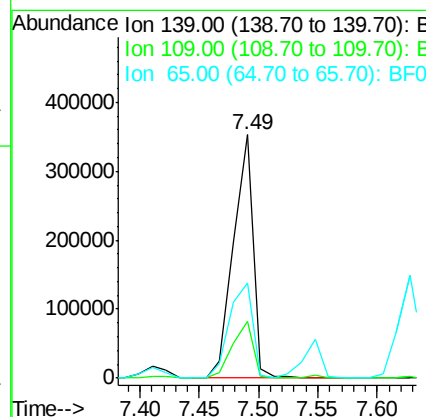
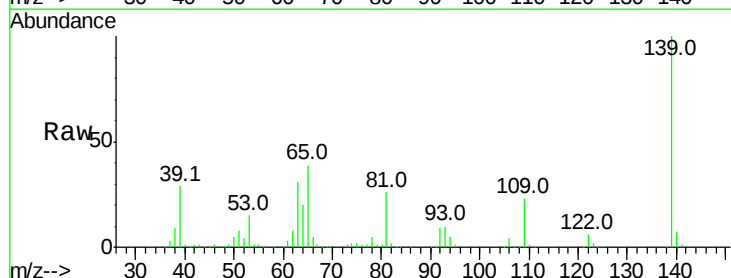
Tgt Ion: 139 Resp: 408339

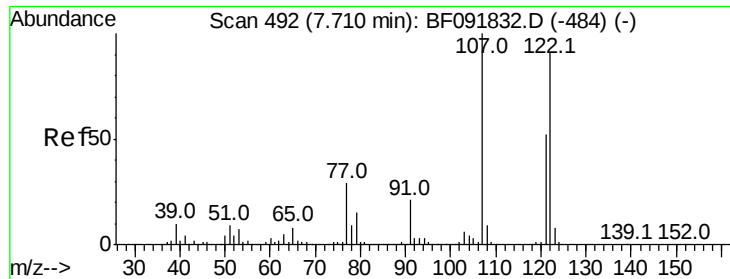
Ion Ratio Lower Upper

139 100

109 23.1 23.3 34.9#

65 38.9 42.7 64.1#





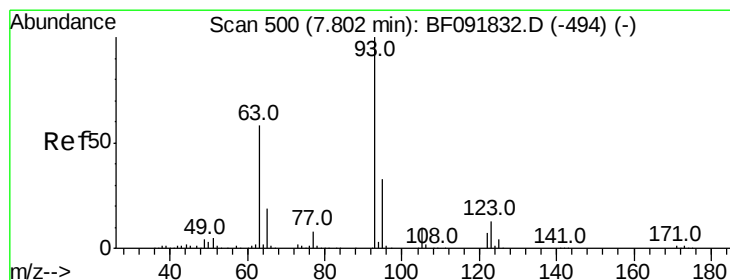
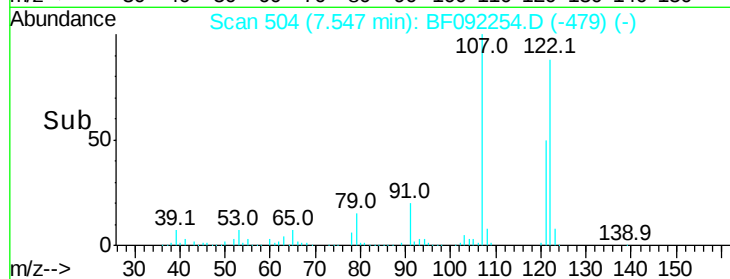
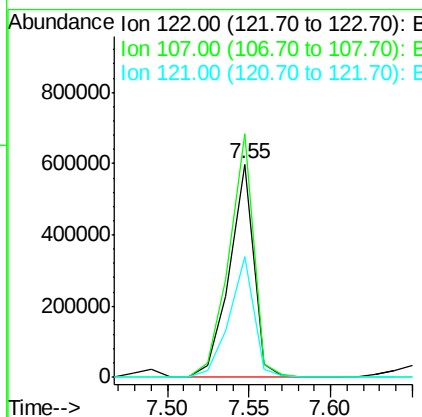
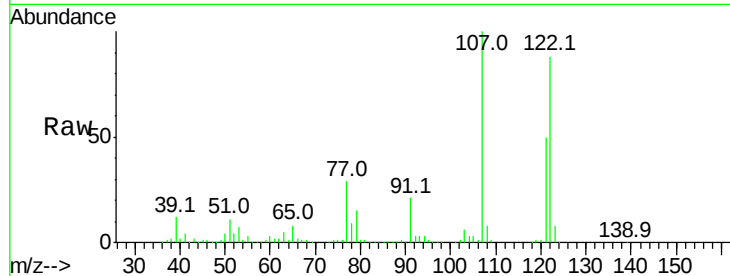
#27
 2,4-Dimethylphenol
 Concen: 44.91 ng
 RT: 7.55 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	94.1	141.1
121	56.9	46.0	69.0

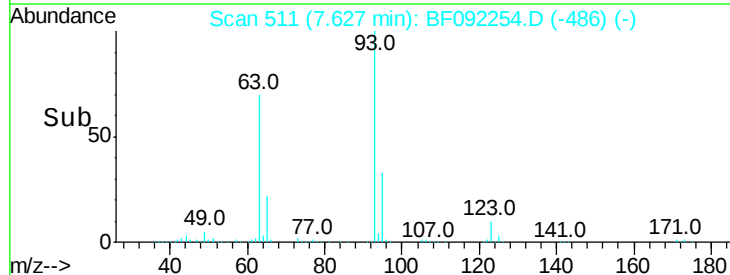
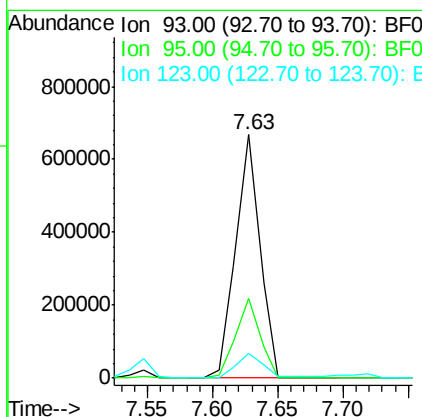
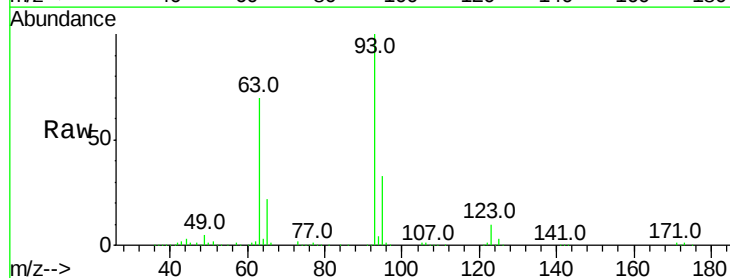
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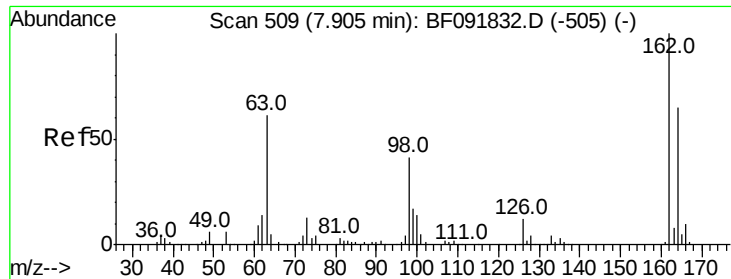
Sohil
 1/16/2017 8:39:20 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.78 ng
 RT: 7.63 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	10.1	8.6	13.0





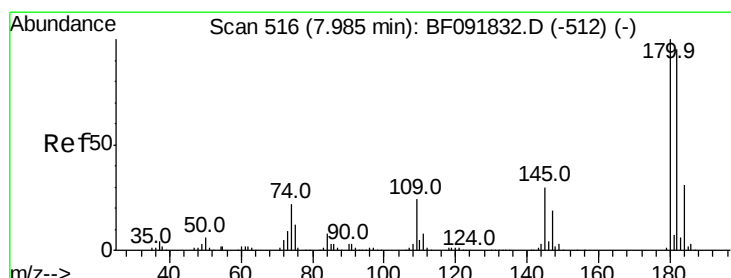
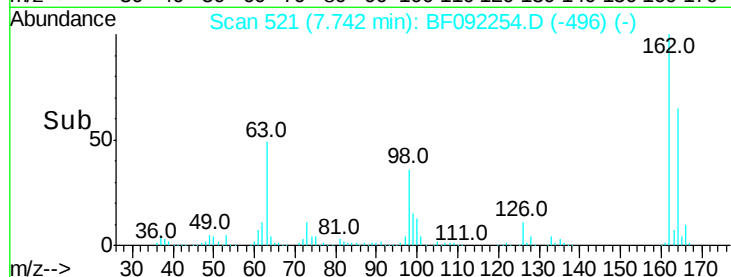
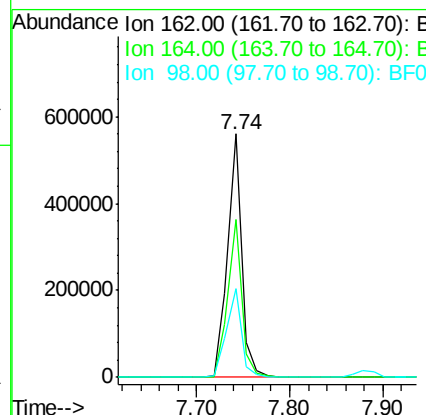
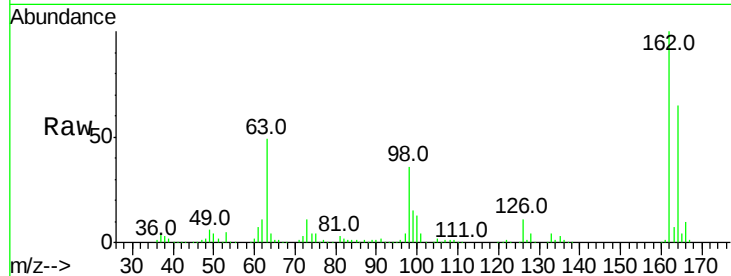
#29
 2,4-Dichlorophenol
 Concen: 50.59 ng
 RT: 7.74 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.9	46.8	86.8
98	36.3	9.1	49.1

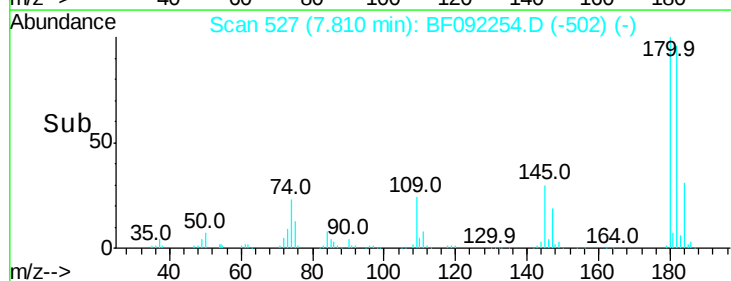
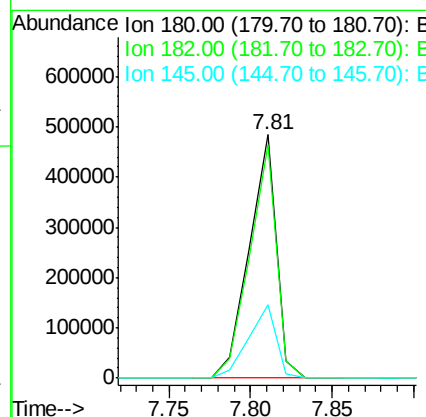
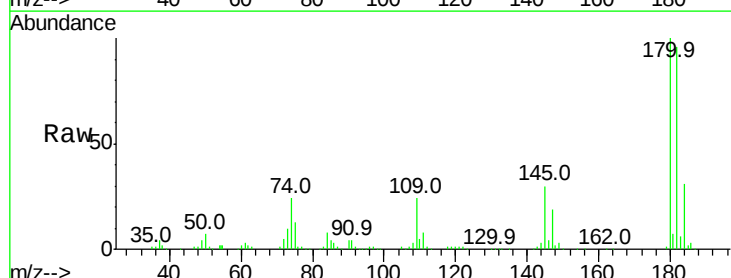
Manual Integrations
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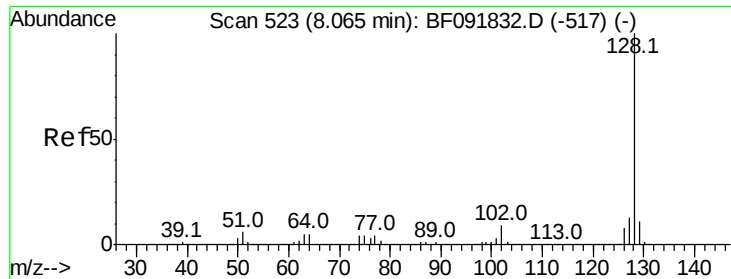
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.44 ng
 RT: 7.81 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	78.2	117.4
145	30.0	21.6	32.4





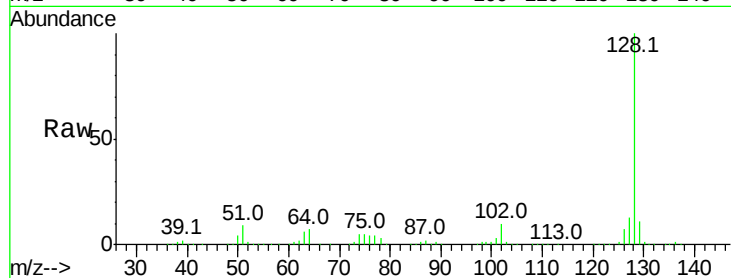
#31
Naphthalene
Concen: 44.03 ng
RT: 7.88 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.2	10.8	16.2

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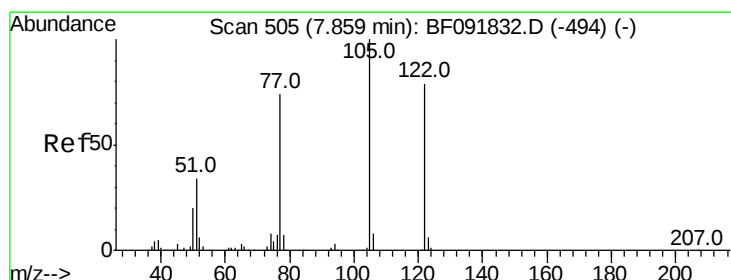
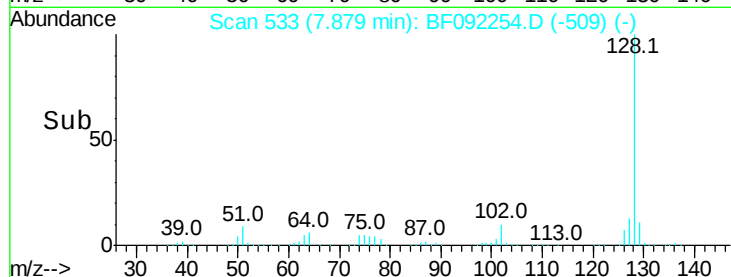
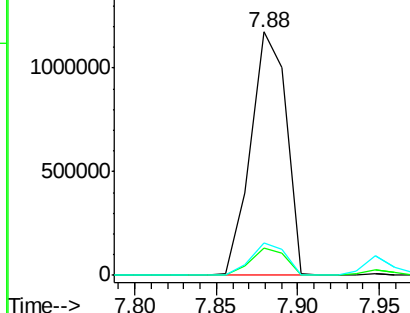


Abundance

Ion 128.00 (127.70 to 128.70): E

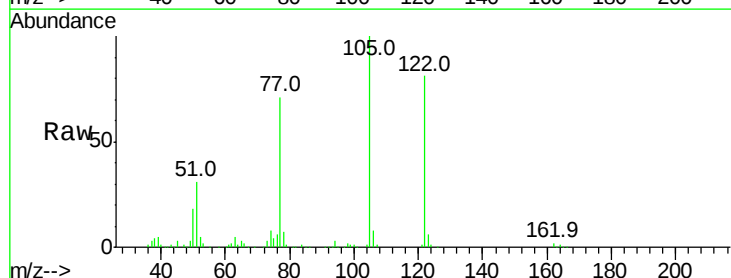
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.51 ng
RT: 7.72 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	107.2	147.2
77	87.5	74.5	114.5

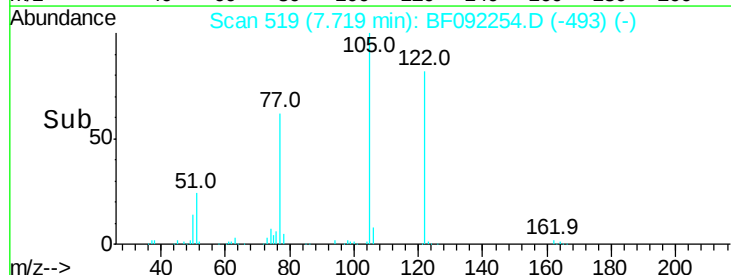
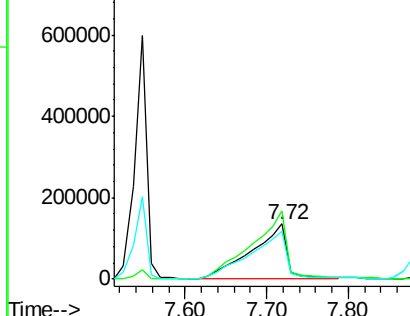


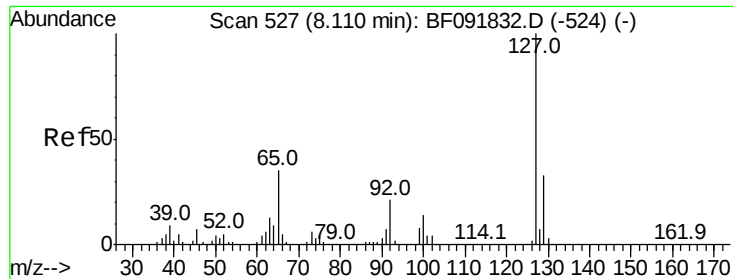
Abundance

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





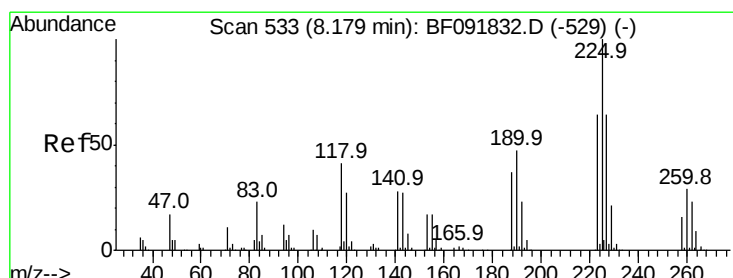
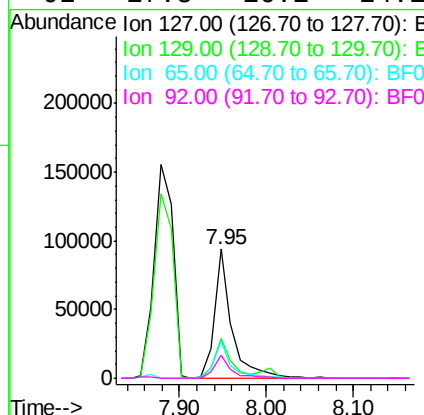
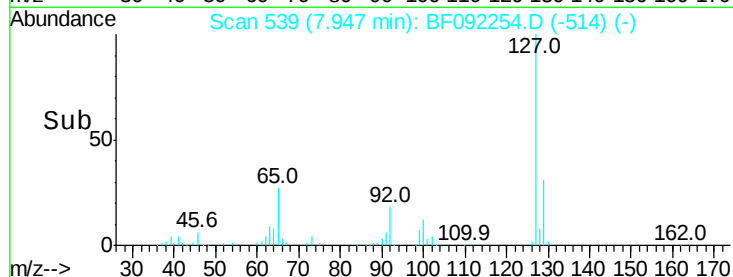
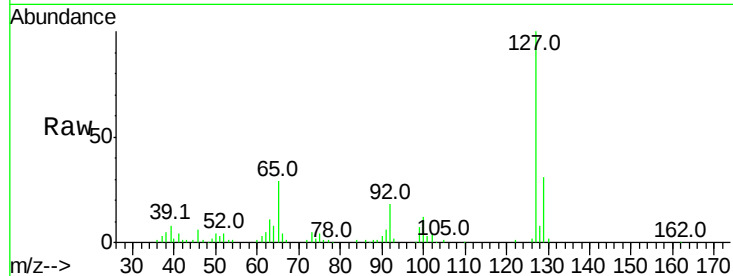
#33
4-Chloroaniline
Concen: 7.11 ng
RT: 7.95 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.3	39.5
65	28.8	25.8	38.8
92	17.8	16.1	24.1

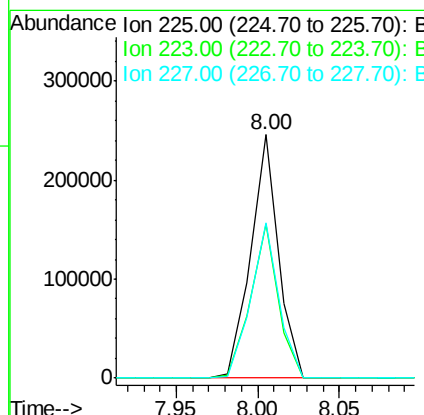
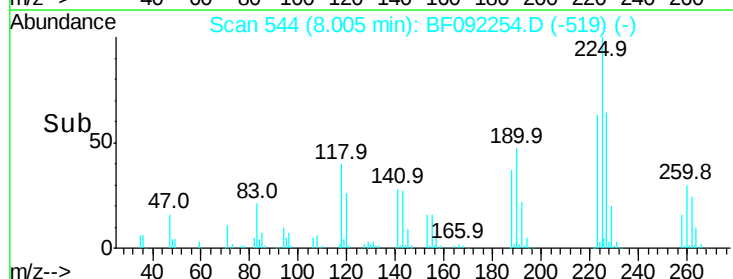
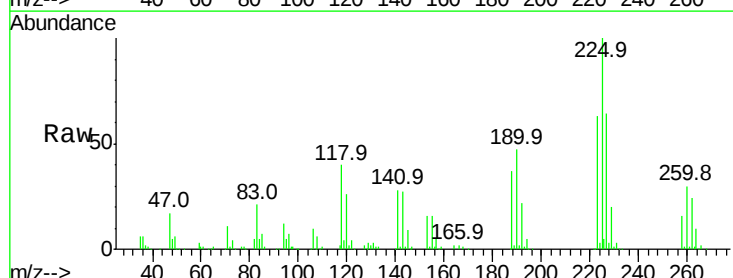
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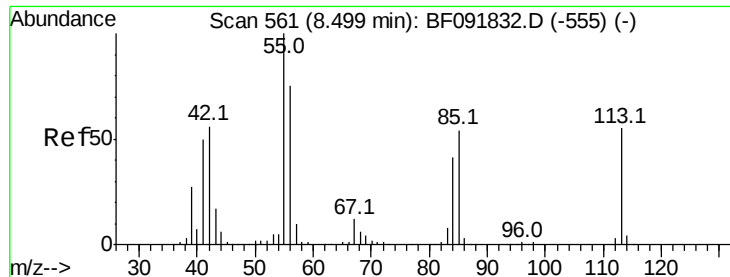
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#34
Hexachlorobutadiene
Concen: 42.60 ng
RT: 8.00 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	63.9	50.6	76.0





#35

Caprolactam

Concen: 46.00 ng/mL

RT: 8.34 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

ClientSampled :

PB95972BS

Tot Ion:113 Resp: 177252

Ion Ratio Lower Upper

113 100

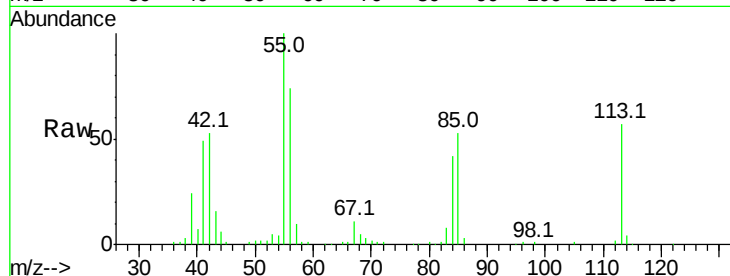
55 176.6 119.2 159.2#

56 130.8 83.8 123.8#

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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

150000

100000

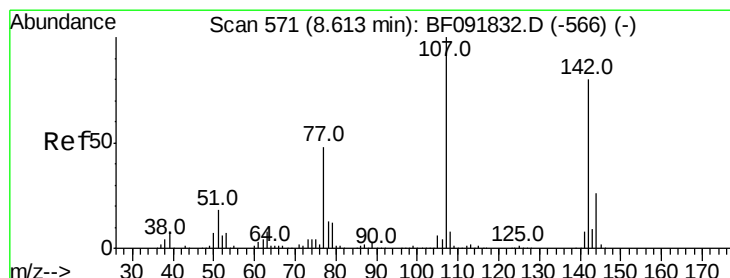
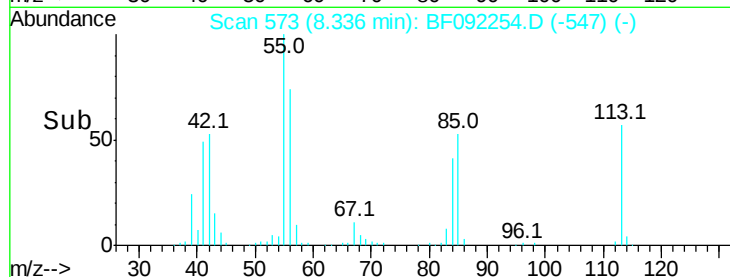
50000

0

8.34

8.20 8.30 8.40 8.50

Time-->



#36

4-Chloro-3-methylphenol

Concen: 44.86 ng/mL

RT: 8.46 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

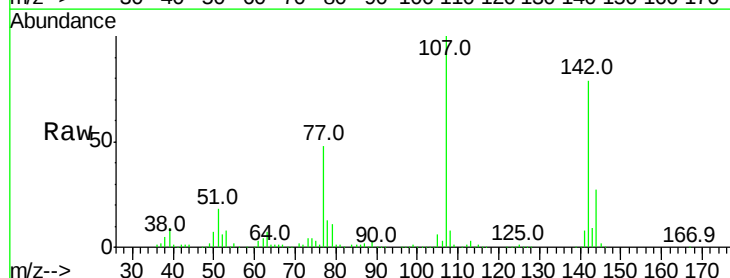
Tgt Ion:107 Resp: 605286

Ion Ratio Lower Upper

107 100

144 26.5 19.3 28.9

142 79.2 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

1000000

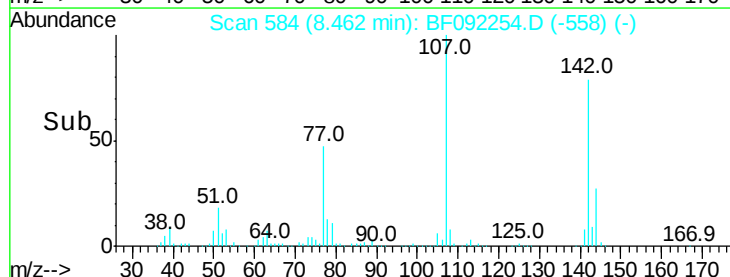
500000

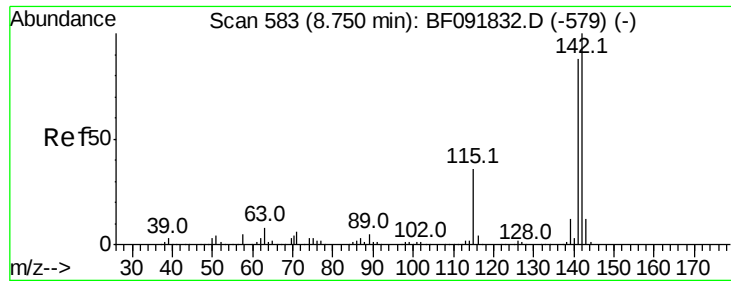
0

8.46

8.40 8.50 8.60

Time-->





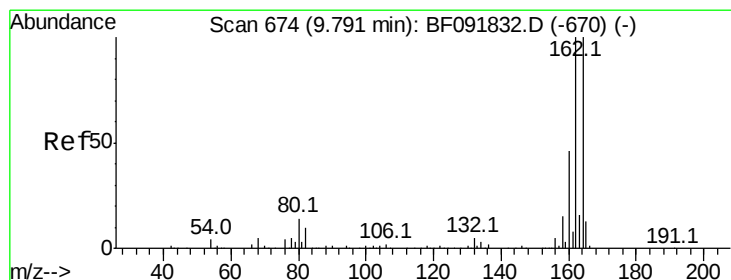
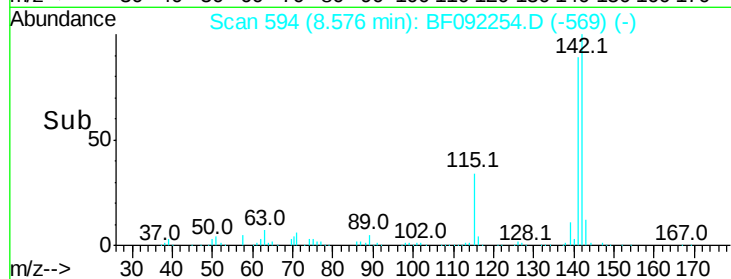
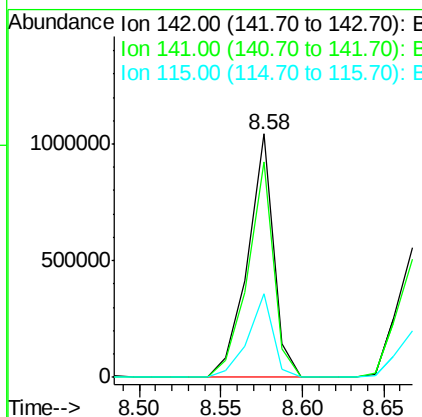
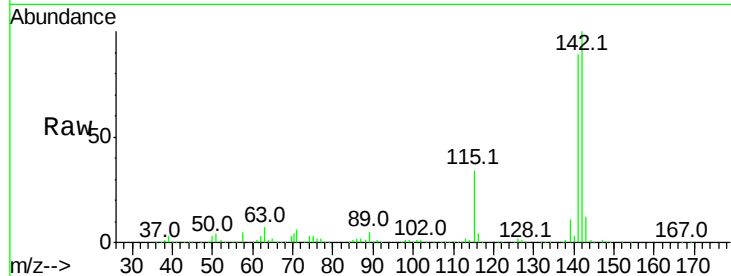
#37
2-Methylnaphthalene
Concen: 48.34 ng
RT: 8.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	34.2	28.3	42.5

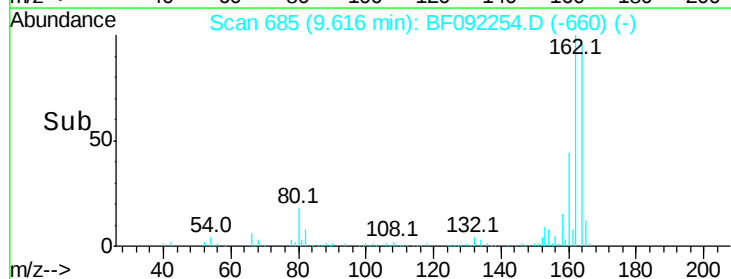
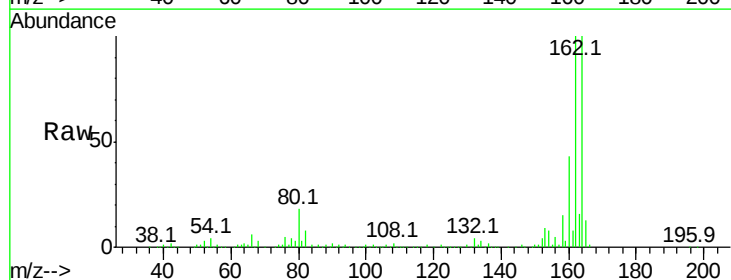
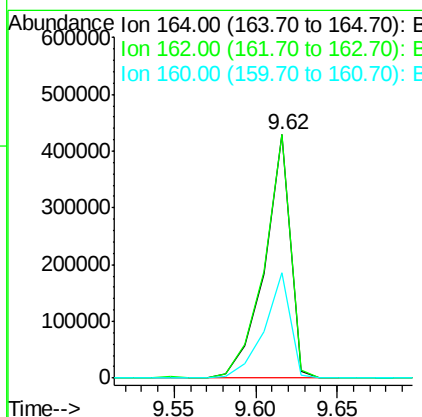
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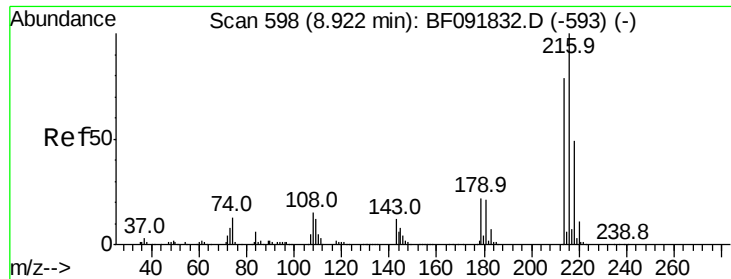
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	43.5	36.9	55.3





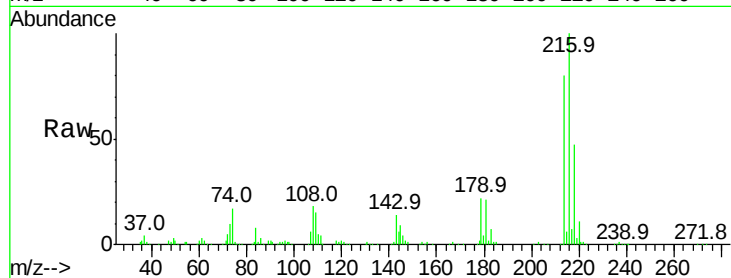
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.15 ng
 RT: 8.75 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

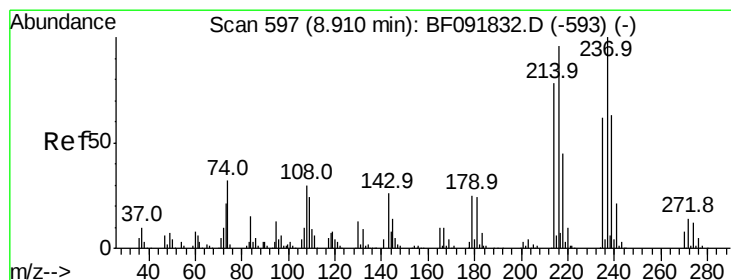
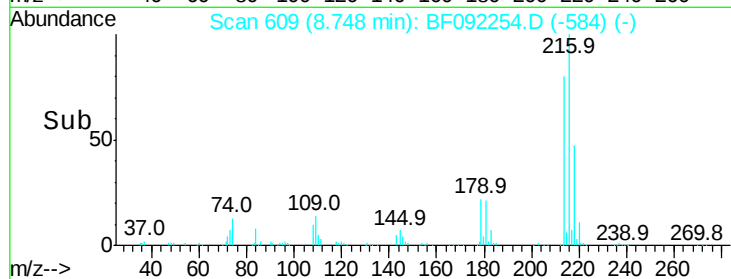
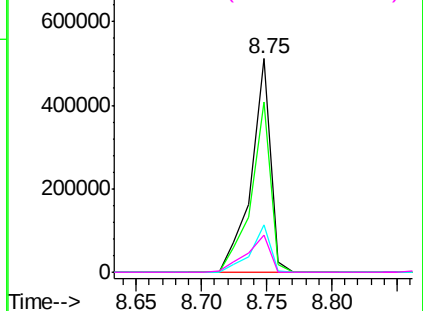
Tot Ion	Ratio	Resp	Lower	Upper
216	100	528592		
214	80.0	63.4	95.0	
179	22.5	17.4	26.2	
108	21.7	15.6	23.4	

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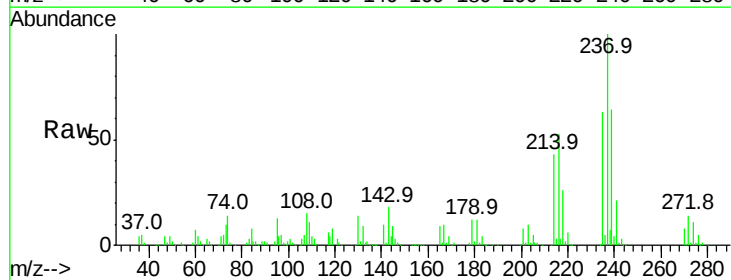


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

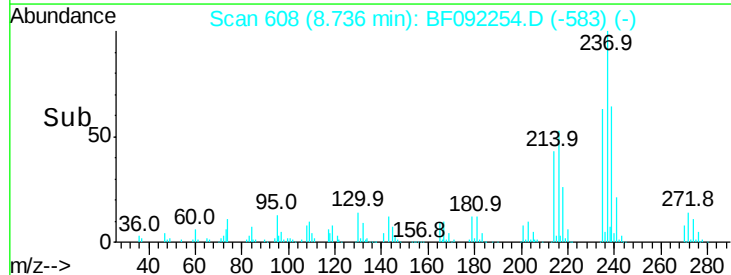
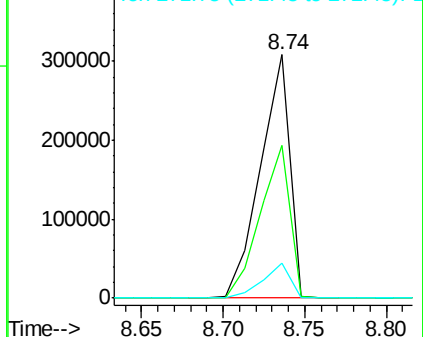


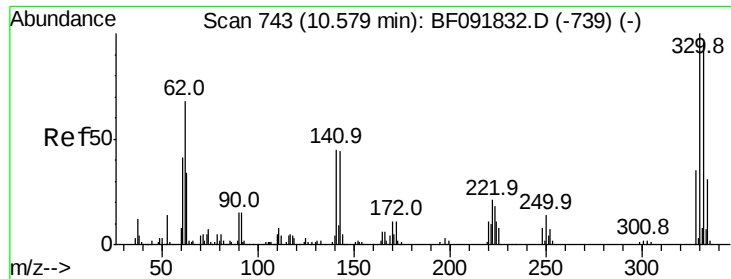
#40
 Hexachlorocyclopentadiene
 Concen: 72.85 ng
 RT: 8.74 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	386497		
235	62.5	41.2	81.2	
272	14.2	0.0	35.4	



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





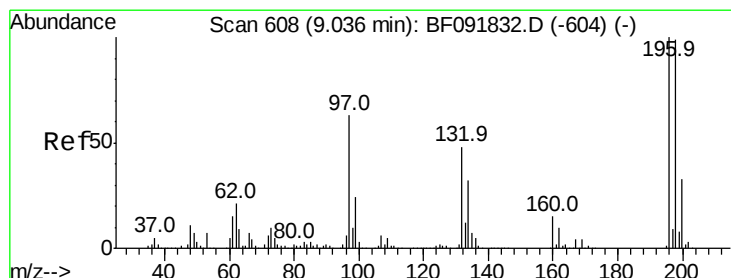
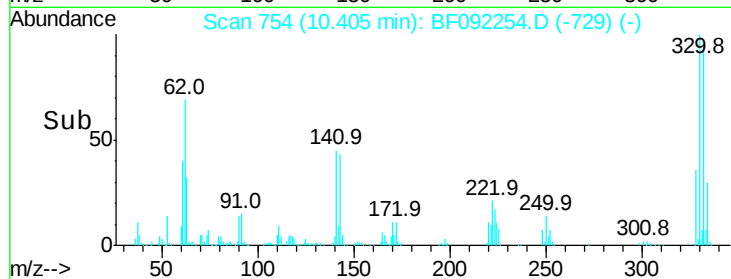
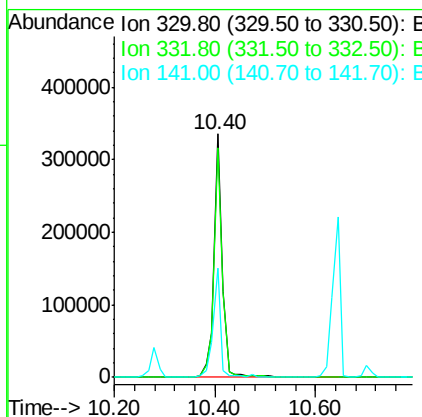
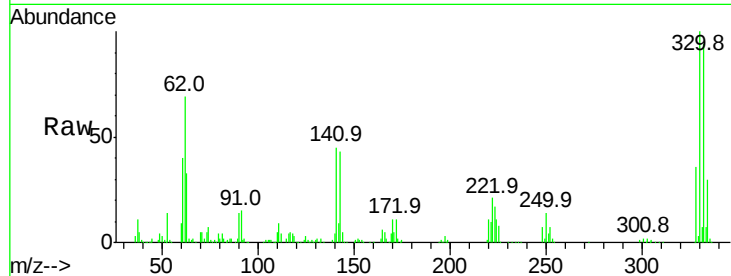
#41
 2,4,6-Tribromophenol
 Concen: 99.76 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampled :
 PB95972BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	391286		
332	95.9		77.4	116.2
141	39.0		34.1	51.1

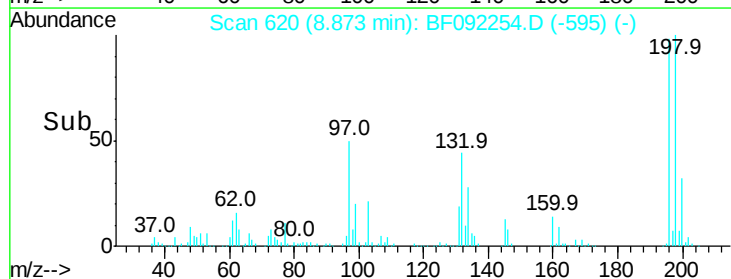
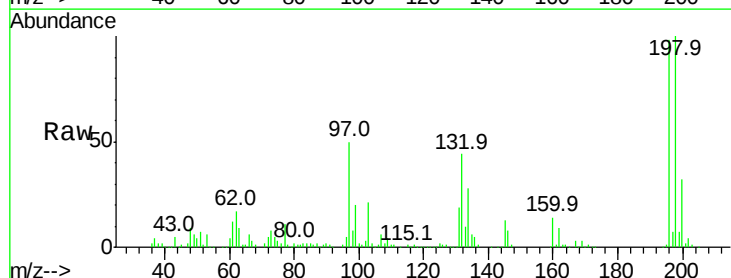
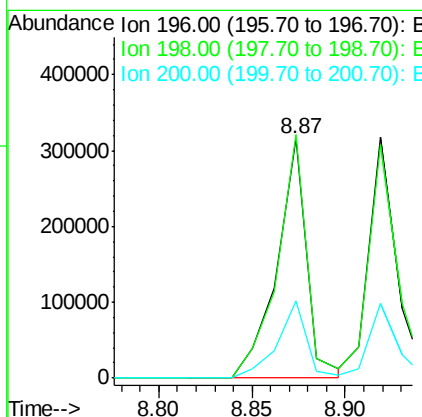
Manual Integrations
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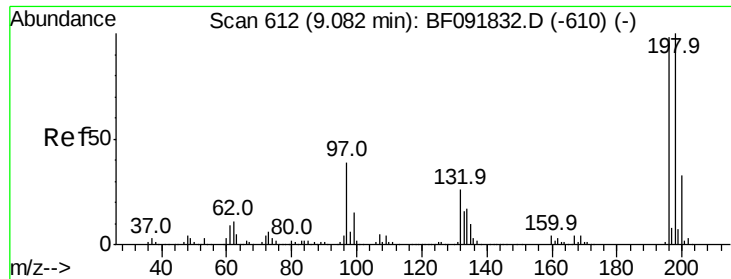
Sohil
 1/16/2017 8:39:20 AM



#42
 2,4,6-Trichlorophenol
 Concen: 41.93 ng
 RT: 8.87 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	351157		
198	101.7		82.1	123.1
200	32.2		27.0	40.4





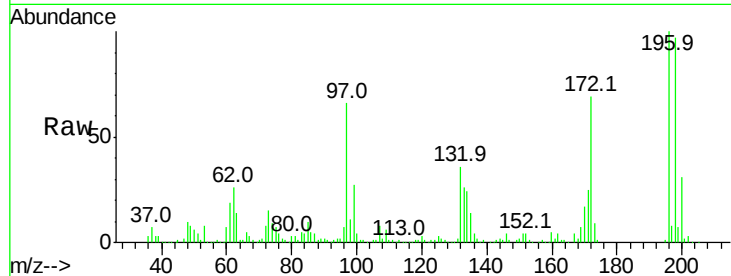
#43
 2,4,5-Trichlorophenol
 Concen: 37.77 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

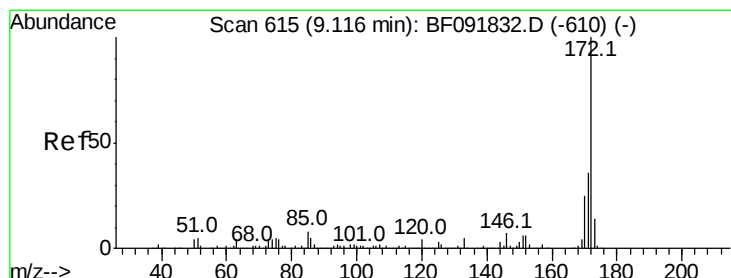
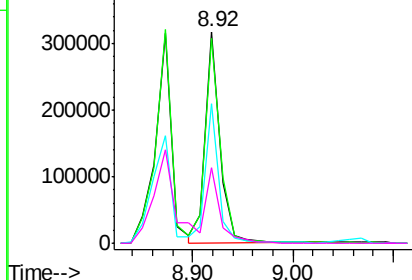
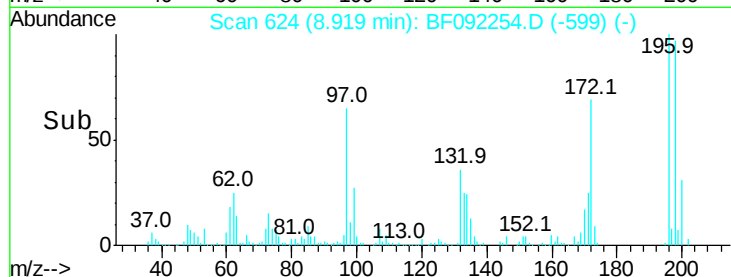
Tot Ion	196	Resp	325464
Ion Ratio	Lower	Upper	
196	100		
198	96.7	79.4	119.2
97	65.7	51.5	77.3
132	35.8	27.4	41.2

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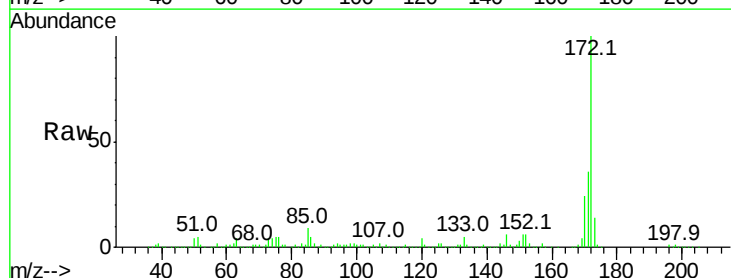


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

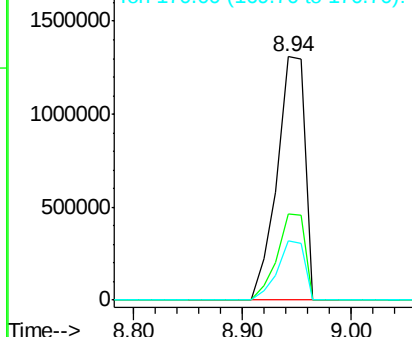
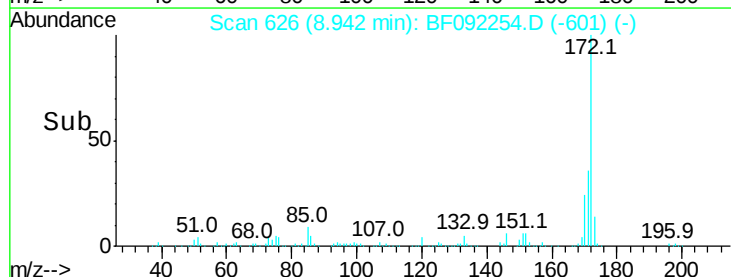


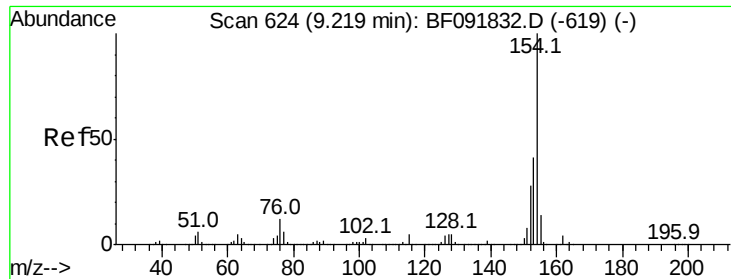
#44
 2-Fluorobiphenyl
 Concen: 104.08 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	172	Resp	2340428
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.4	44.0
170	24.3	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





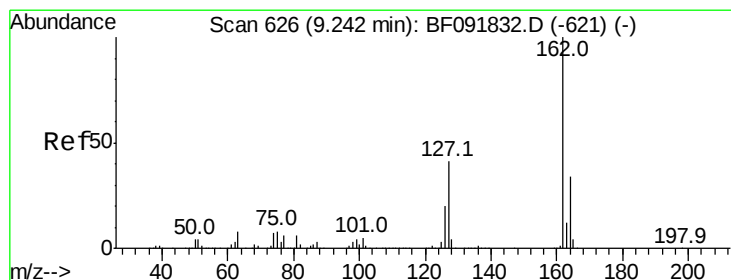
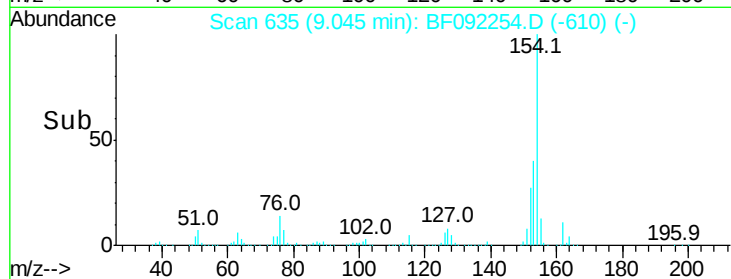
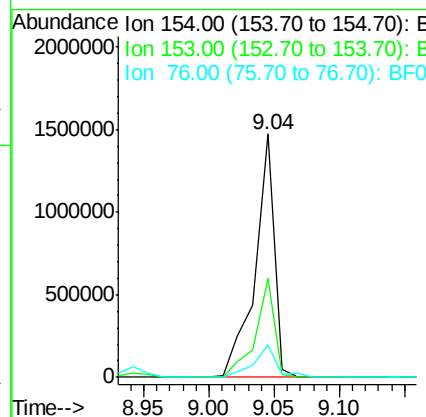
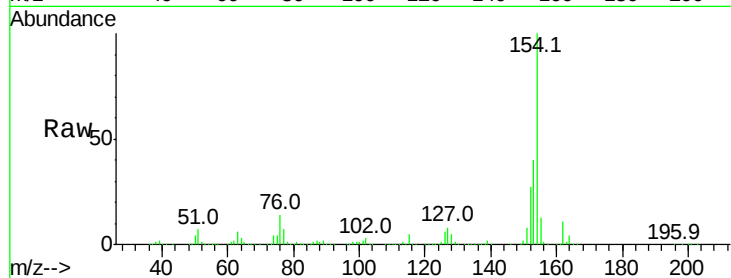
#45
 1,1'-Biphenyl
 Concen: 46.96 ng
 RT: 9.04 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.9	60.9
76	13.5	0.0	30.5

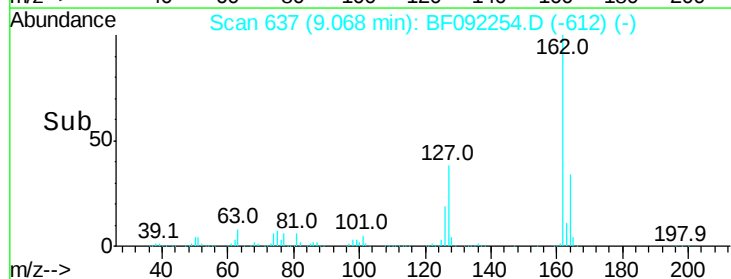
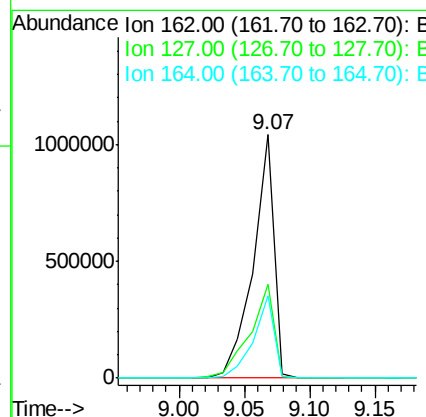
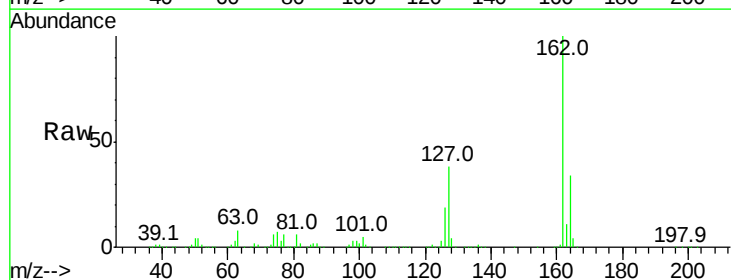
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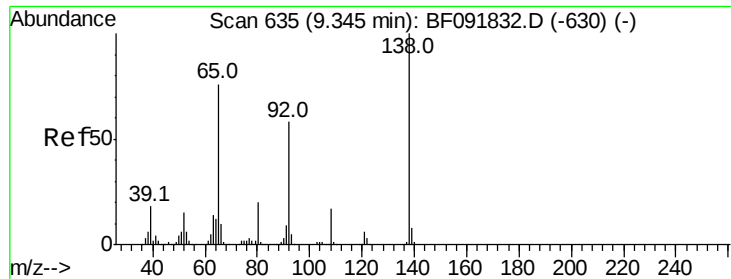
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#46
 2-Chloronaphthalene
 Concen: 45.36 ng
 RT: 9.07 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.7	46.1
164	34.0	27.6	41.4





#47

2-Nitroaniline

Concen: 37.83 ng

RT: 9.17 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

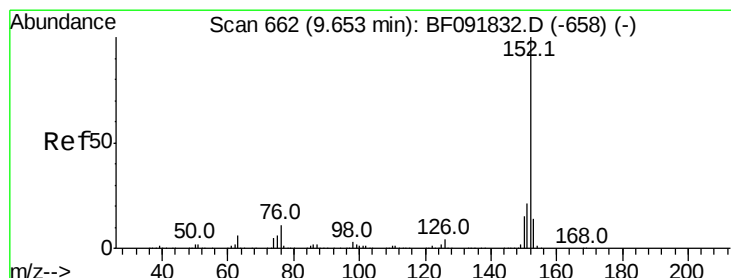
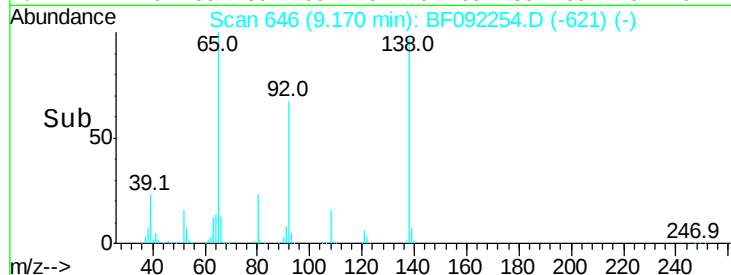
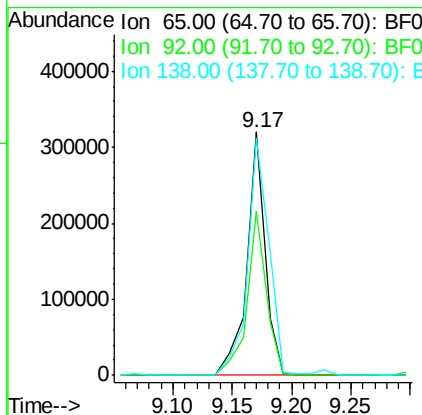
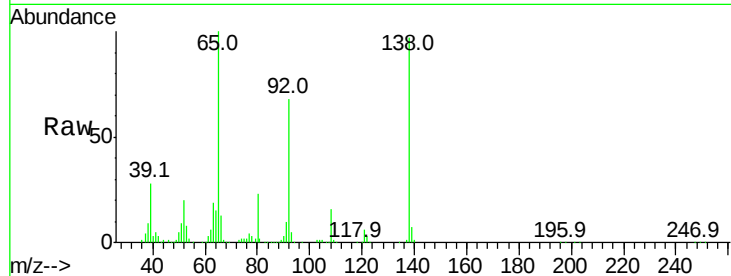
ClientSampleId :

PB95972BS

Tot Ion:	65	Resp:	346175
Ion Ratio	Lower	Upper	
65	100		
92	67.7	53.9	80.9
138	97.4	76.8	115.2

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#48

Acenaphthylene

Concen: 47.12 ng

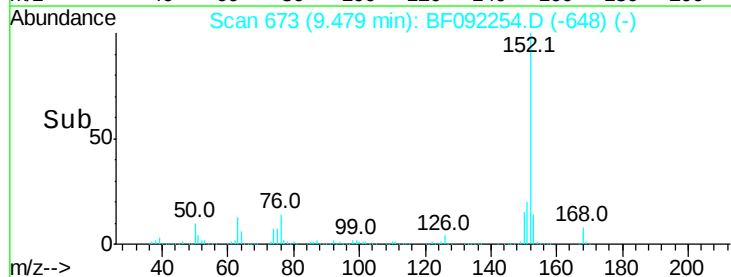
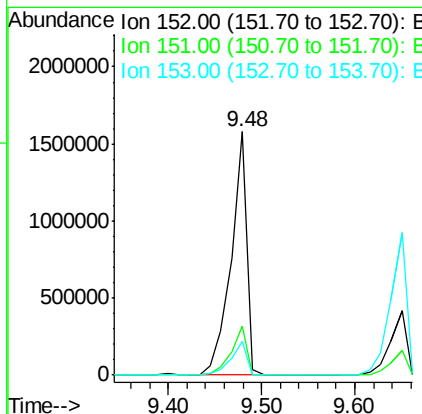
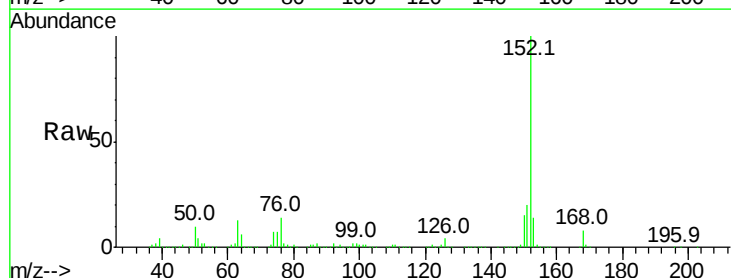
RT: 9.48 min Scan# 673

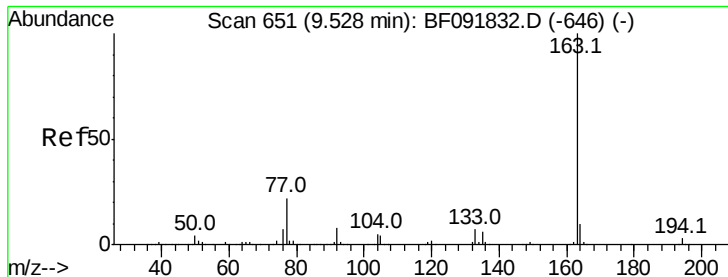
Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tgt Ion:	152	Resp:	1862403
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.9	25.3
153	13.9	11.4	17.2





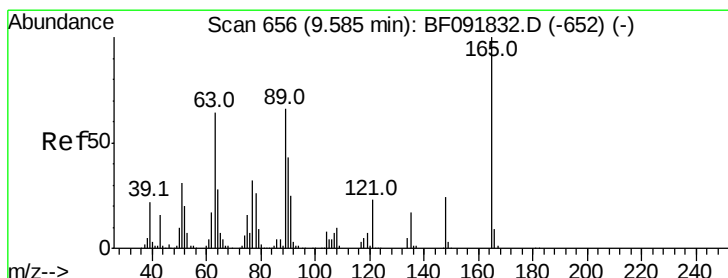
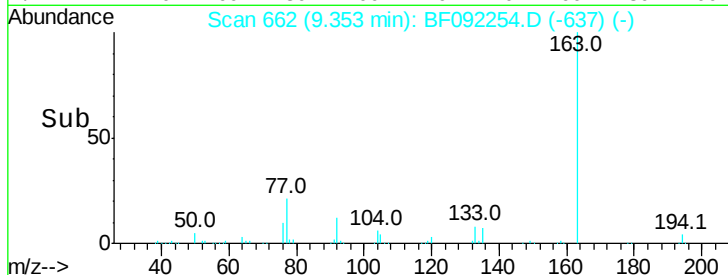
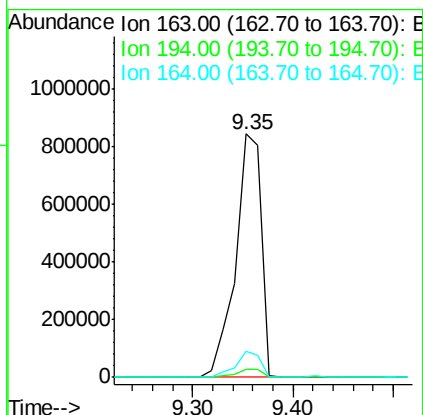
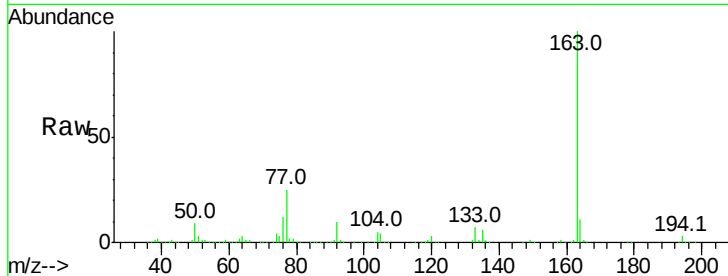
#49
Dimethylphthalate
Concen: 49.18 ng
RT: 9.35 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampled :
PB95972BS

Tot Ion:163 Resp: 1490676
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.6 8.0 12.0

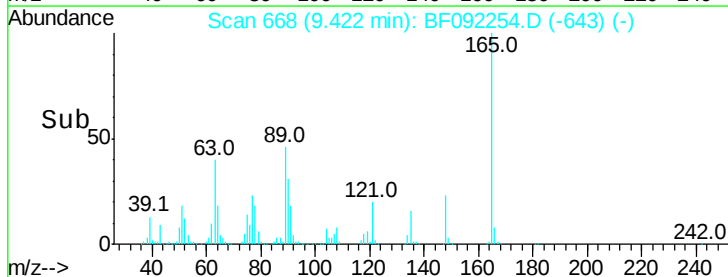
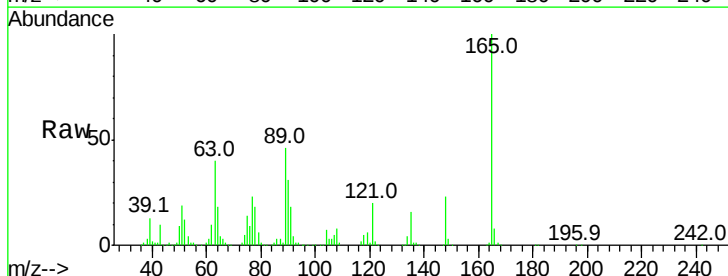
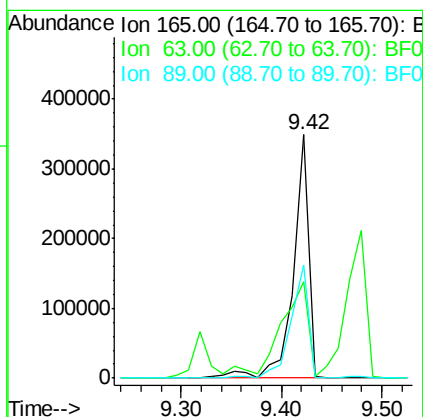
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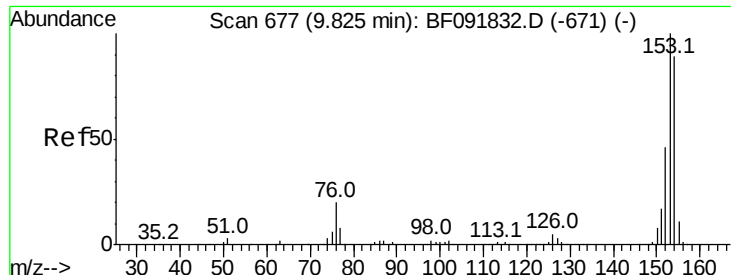
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#50
2,6-Dinitrotoluene
Concen: 55.70 ng
RT: 9.42 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion:165 Resp: 369518
Ion Ratio Lower Upper
165 100
63 39.7 36.2 54.4
89 46.5 40.2 60.4





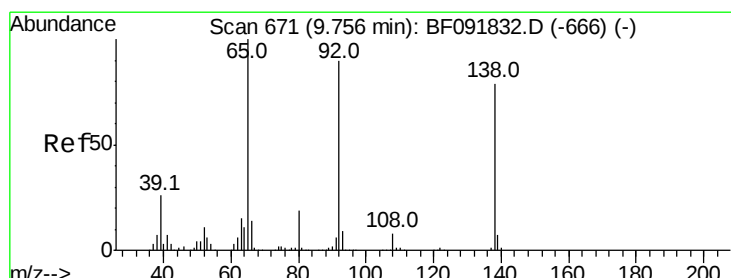
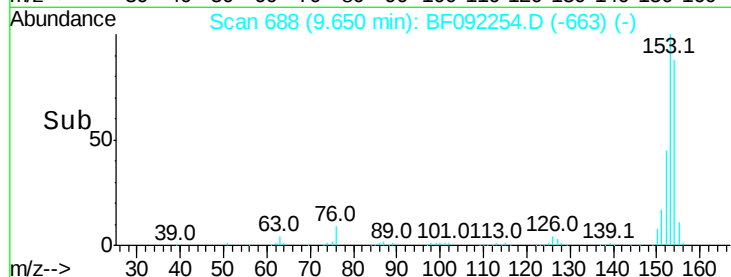
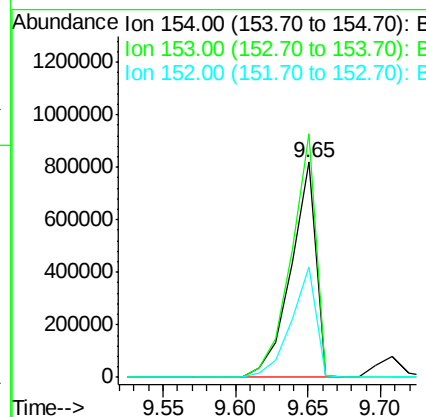
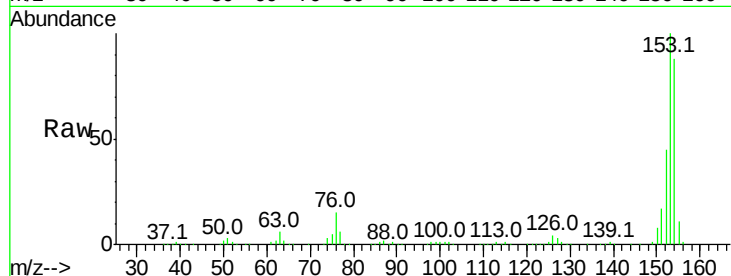
#51
Acenaphthene
Concen: 36.59 ng
RT: 9.65 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.1	88.6	133.0
152	51.4	41.6	62.4

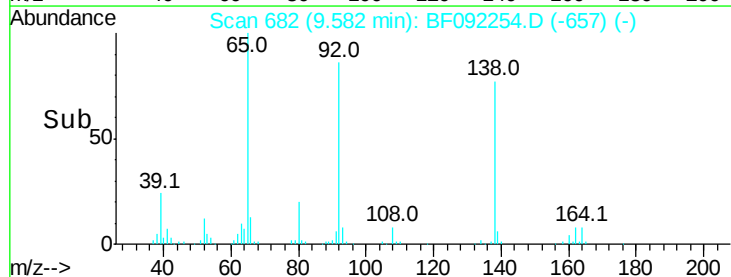
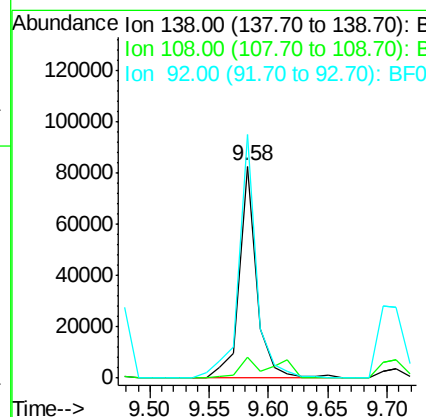
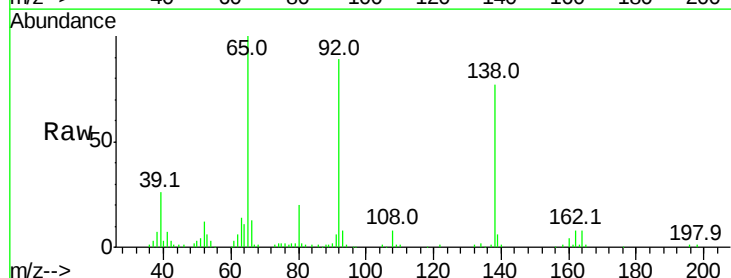
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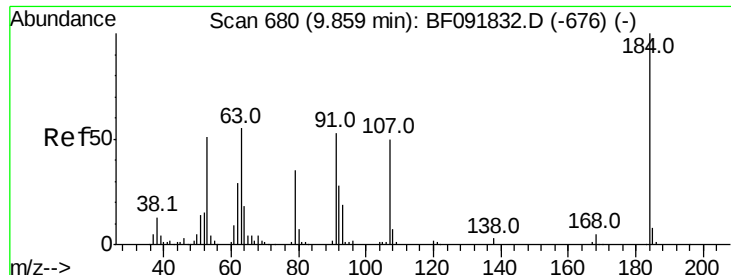
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#52
3-Nitroaniline
Concen: 10.32 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.5	12.7
92	115.0	97.8	146.8





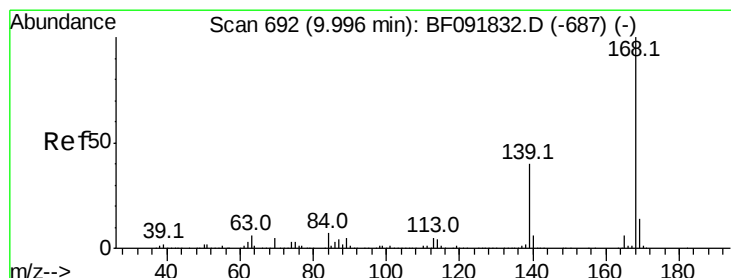
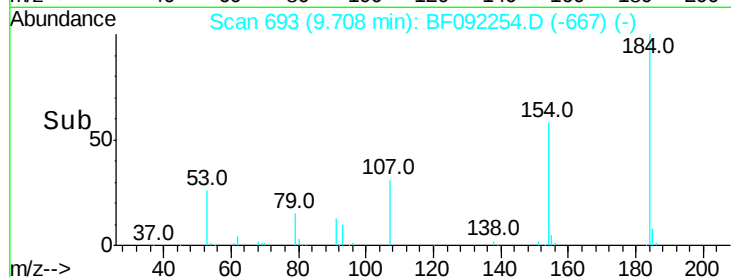
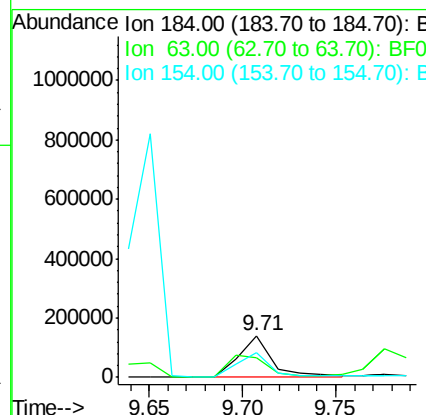
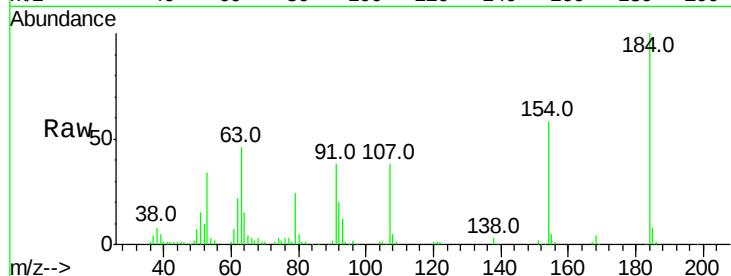
#53
 2,4-Dinitrophenol
 Concen: 47.77 ng
 RT: 9.71 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	176360		
63	45.9	28.4	42.6	#
154	58.1	44.3	66.5	

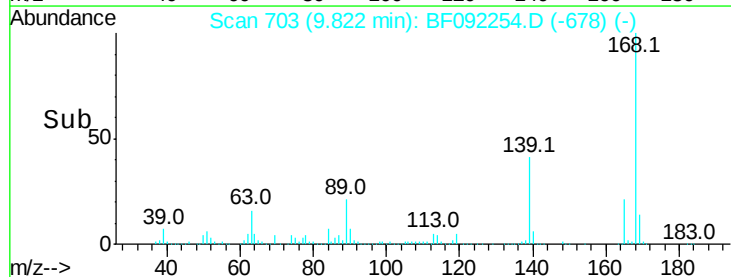
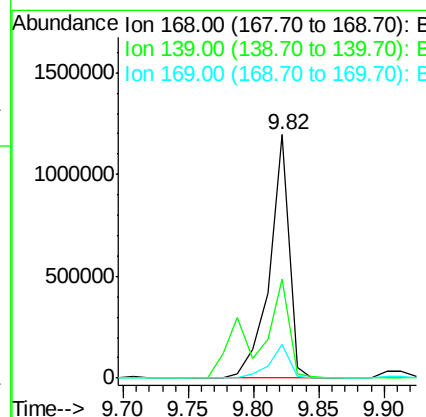
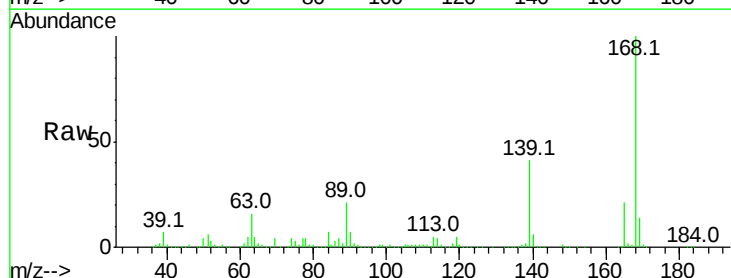
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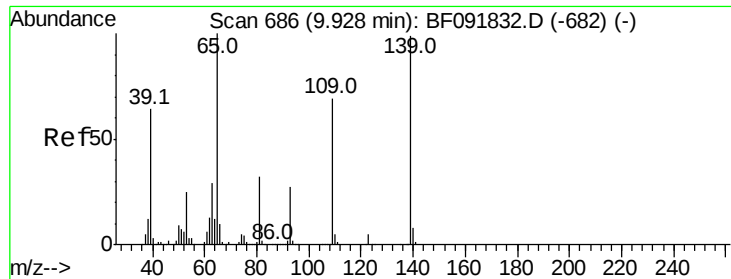
Sohil
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#54
 Dibenzofuran
 Concen: 34.47 ng
 RT: 9.82 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1247330		
139	40.8	32.6	49.0	
169	13.8	11.3	16.9	





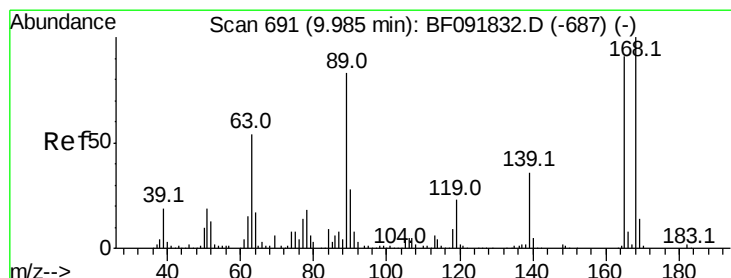
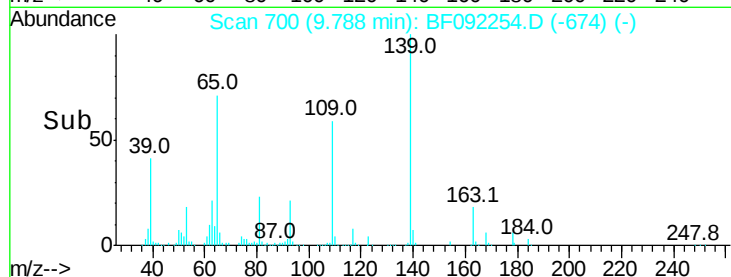
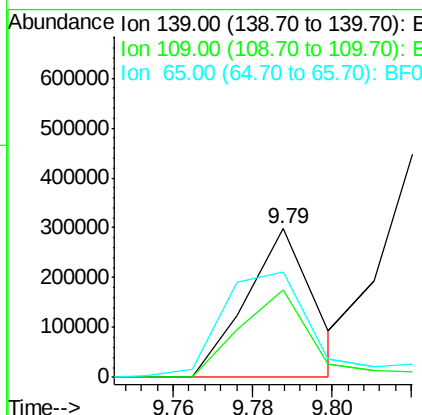
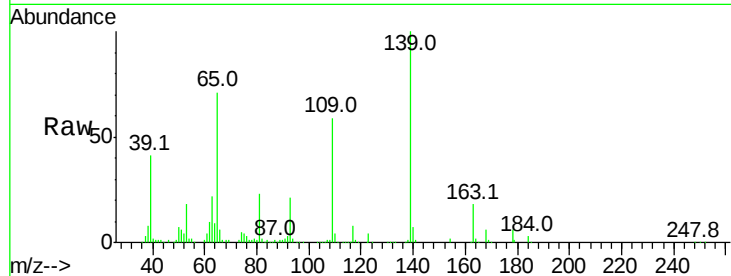
#55
4-Nitrophenol
Concen: 63.42 ng/ml
RT: 9.79 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.2	52.2	92.2
65	71.1	85.8	125.8

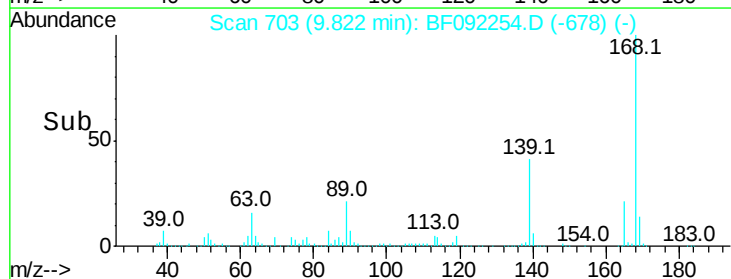
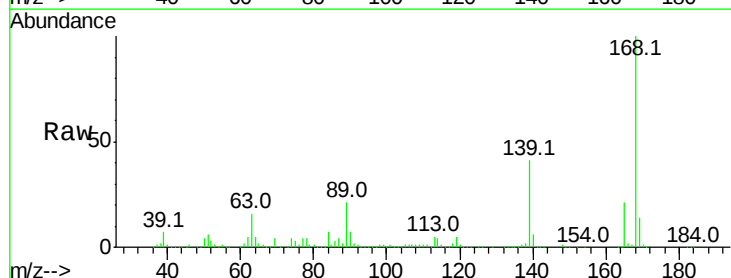
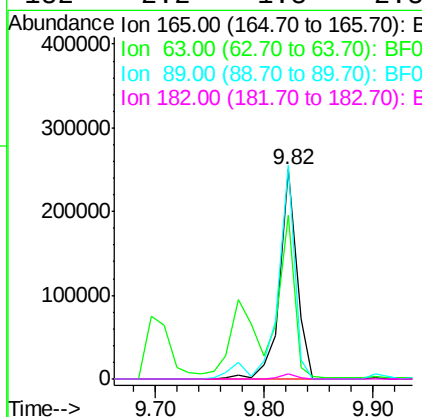
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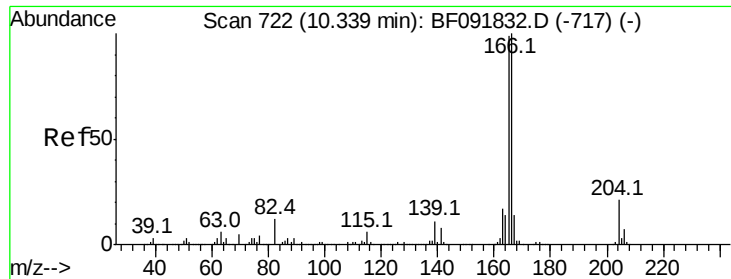
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#56
2,4-Dinitrotoluene
Concen: 32.98 ng
RT: 9.82 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.1	40.2	60.4
89	101.9	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 39.37 ng

RT: 10.16 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB95972BS

Tot Ion:166 Resp: 1036493

Ion Ratio Lower Upper

166 100

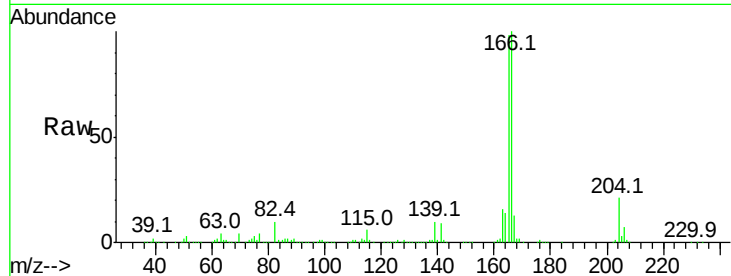
165 97.7 77.8 116.8

167 13.3 10.8 16.2

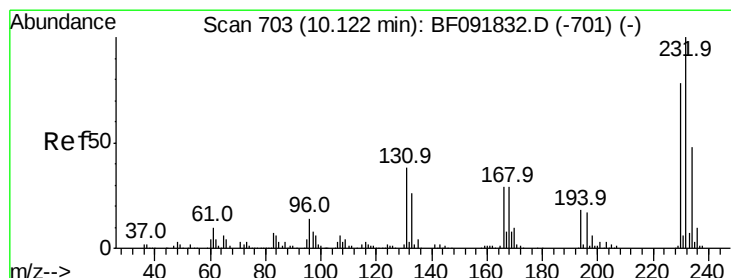
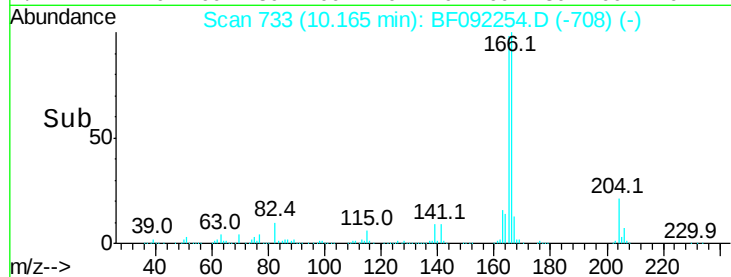
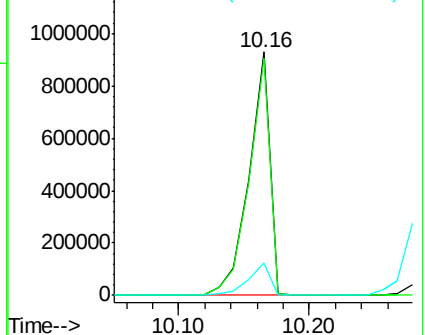
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.63 ng

RT: 9.95 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tgt Ion:232 Resp: 236026

Ion Ratio Lower Upper

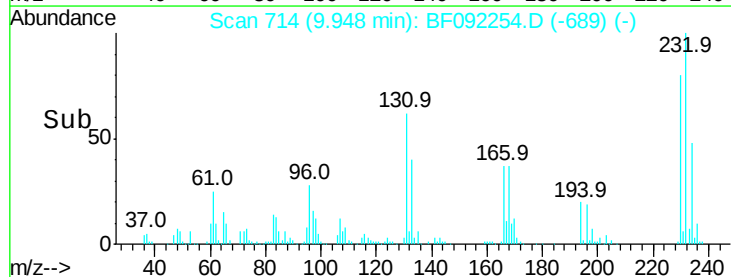
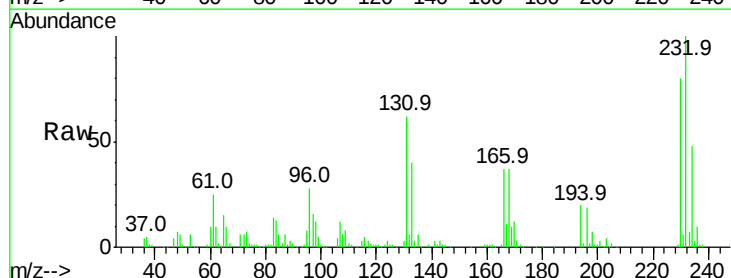
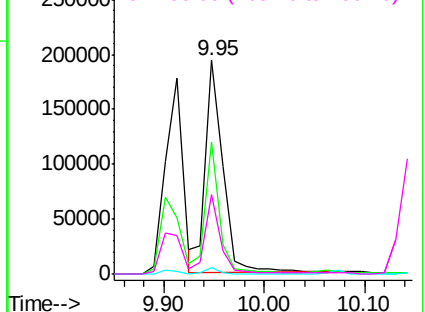
232 100

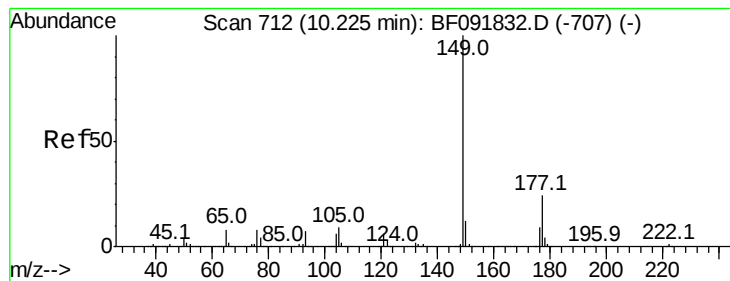
131 50.6 40.1 60.1

130 2.3 1.8 2.8

166 32.0 26.6 39.8

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: 34.95 ng

RT: 10.05 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB95972BS

Tot Ion:149 Resp: 1028708

Ion Ratio Lower Upper

149 100

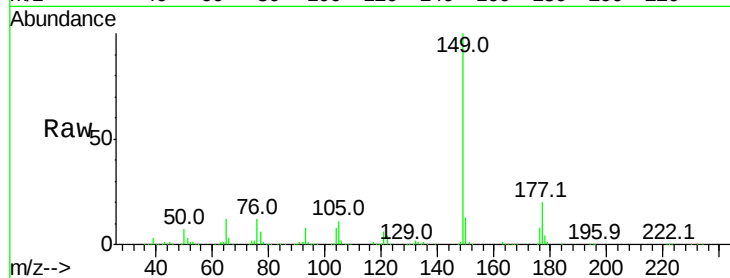
177 20.1 16.6 25.0

150 12.6 10.4 15.6

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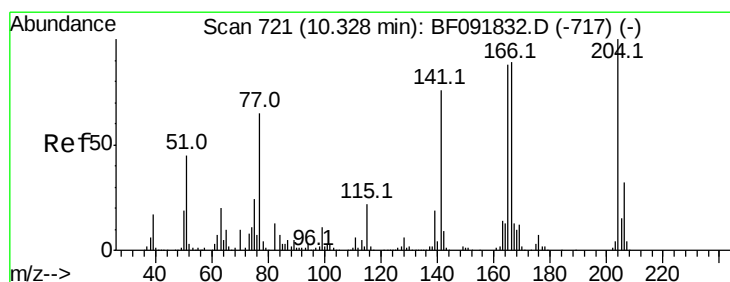
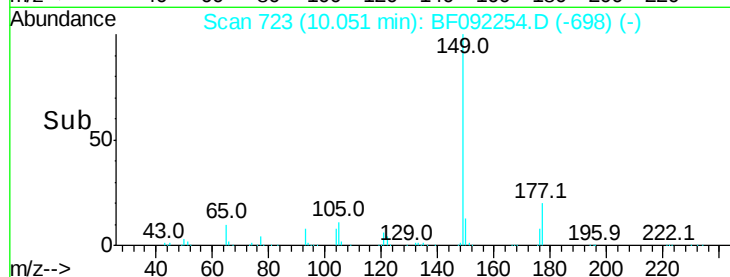
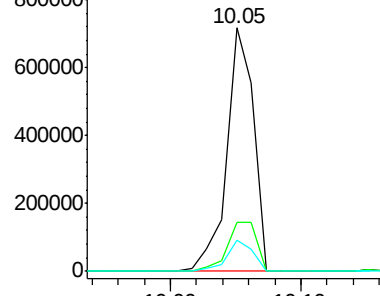
1/16/2017 8:39:20 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.75 ng

RT: 10.15 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

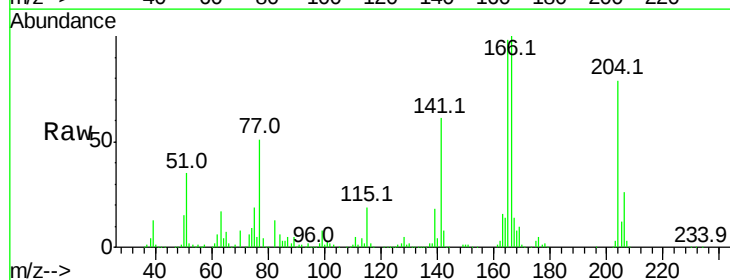
Tgt Ion:204 Resp: 412071

Ion Ratio Lower Upper

204 100

206 32.6 25.8 38.6

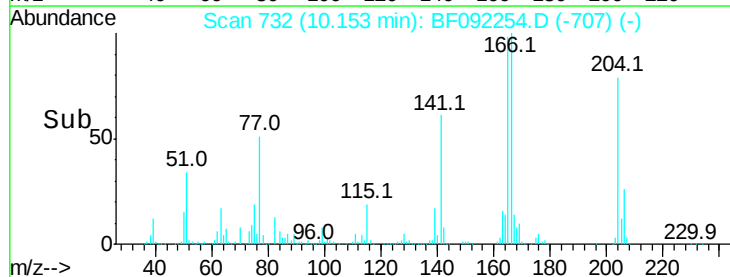
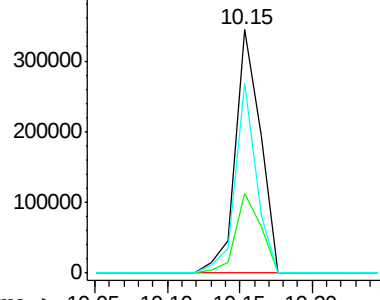
141 77.8 59.4 89.0

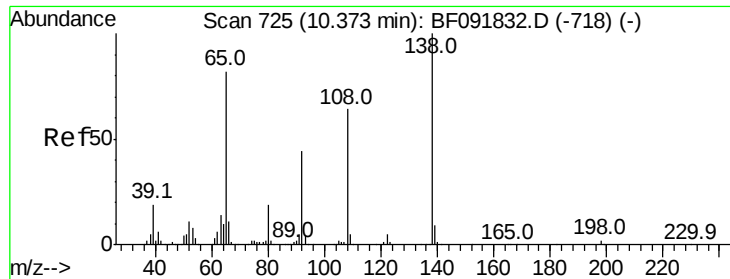


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





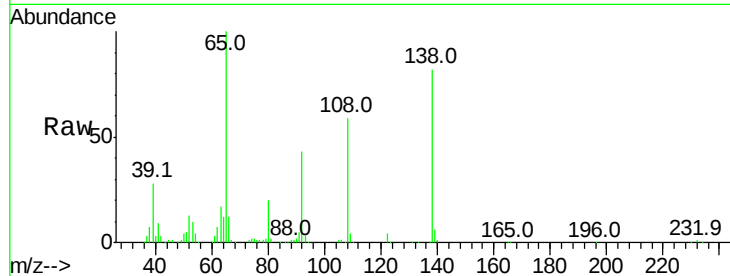
#61
4-Nitroaniline
Concen: 25.09 ng
RT: 10.20 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.0	31.7	71.7
108	72.5	52.6	92.6

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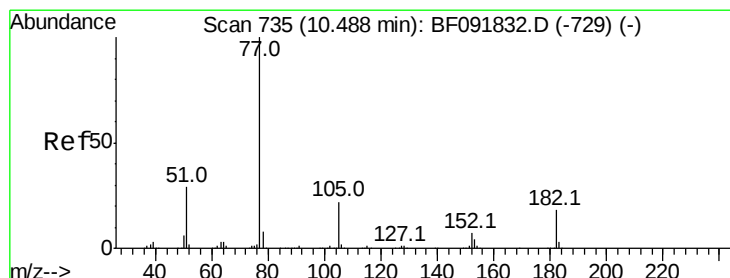
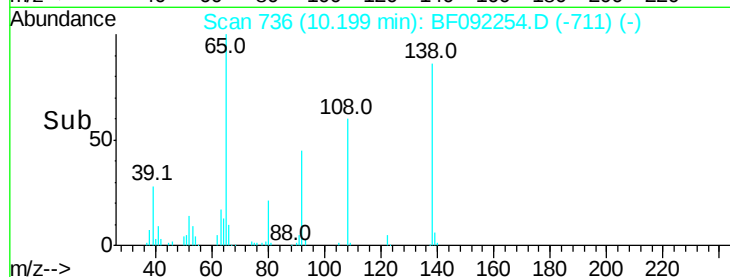
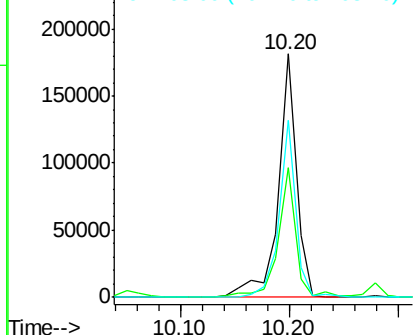


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 36.34 ng
RT: 10.31 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.7	0.0	39.3
105	22.4	2.3	42.3
51	28.1	8.9	48.9

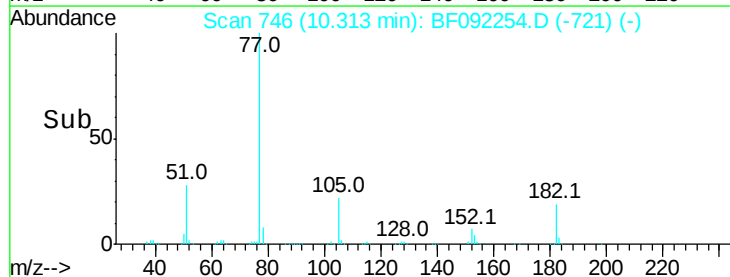
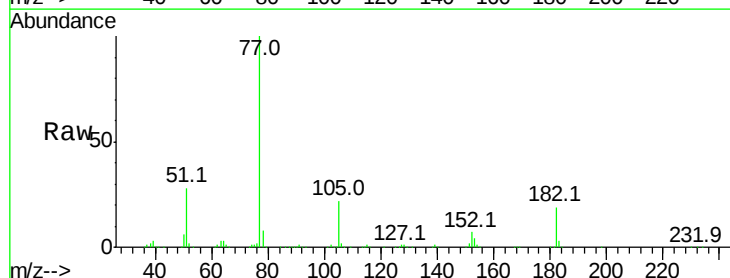
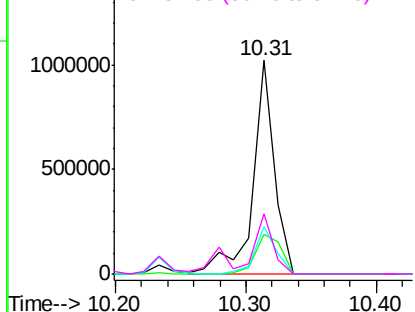
Abundance

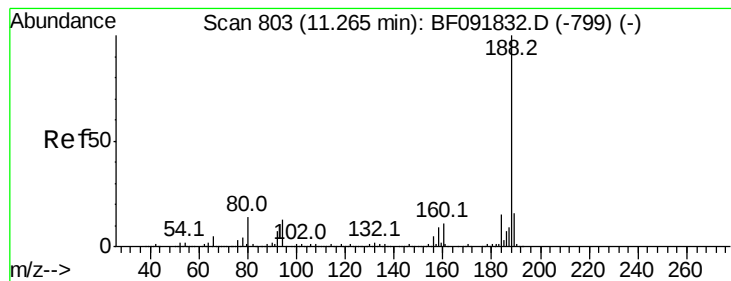
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB95972BS

Tot Ion:188 Resp: 637702

Ion Ratio Lower Upper

188 100

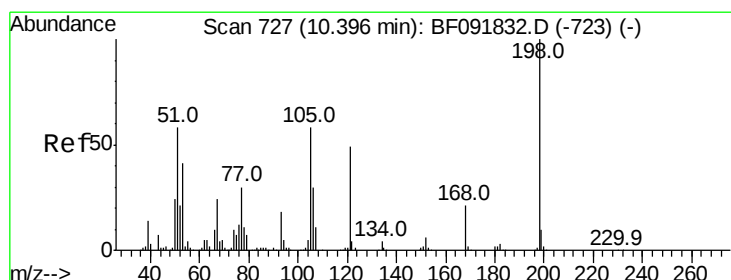
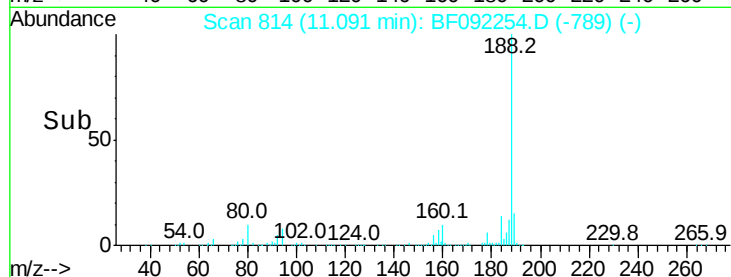
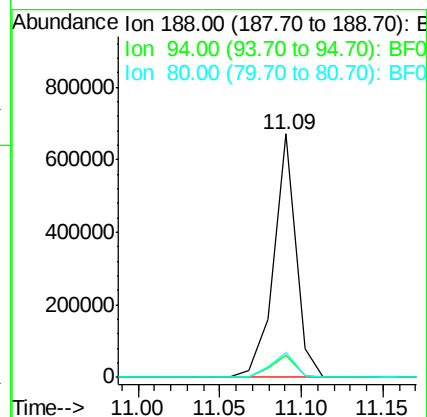
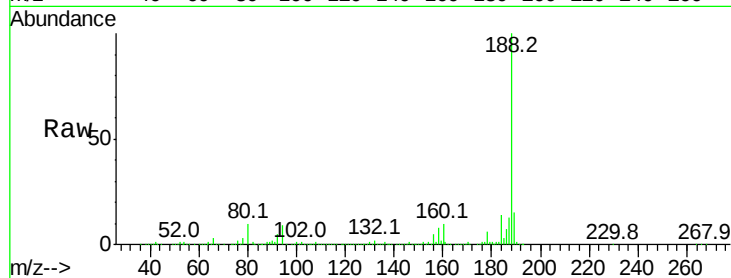
94 9.3 10.0 15.0#

80 10.1 11.2 16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.78 ng

RT: 10.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

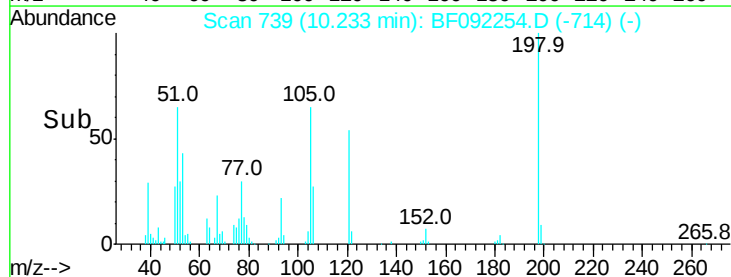
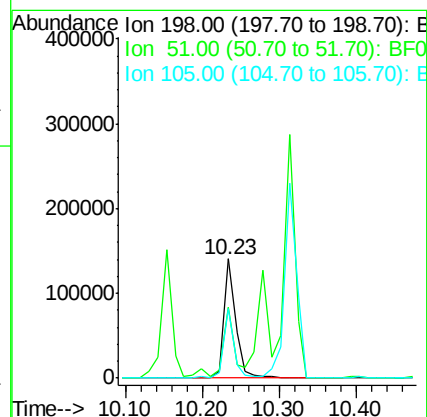
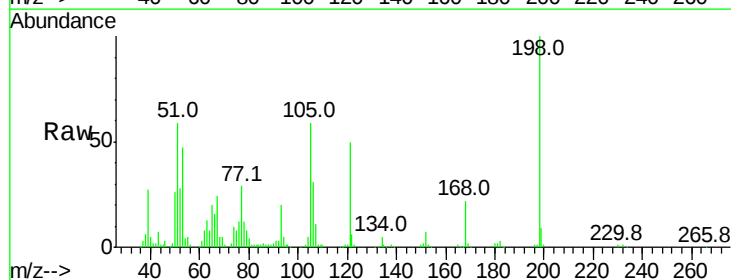
Tgt Ion:198 Resp: 153405

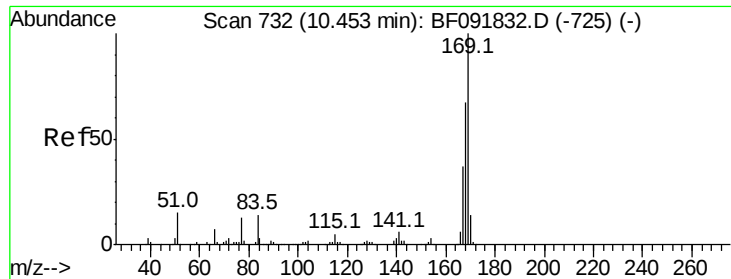
Ion Ratio Lower Upper

198 100

51 59.5 6.7 46.7#

105 58.7 16.6 56.6#





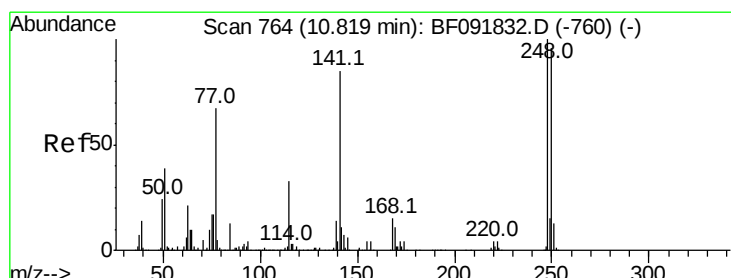
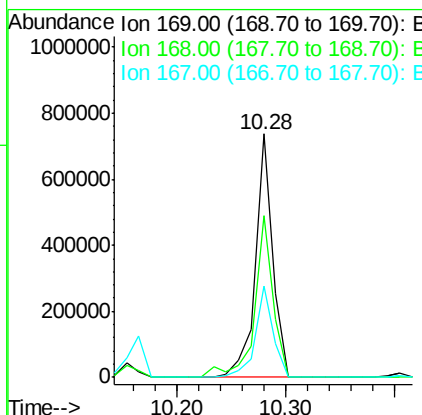
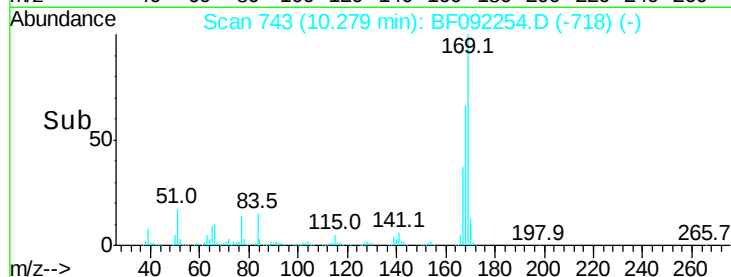
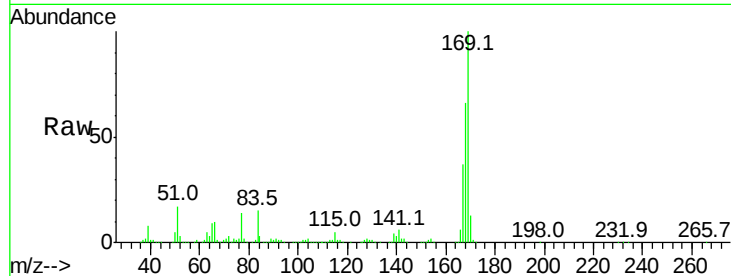
#65
n-Nitrosodiphenylamine
Concen: 43.63 ng
RT: 10.28 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	825669		
168	66.3		54.2	81.2
167	37.3		30.2	45.4

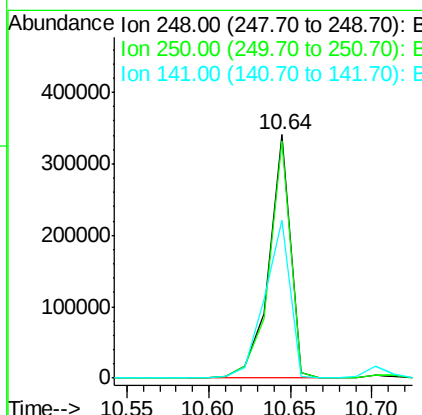
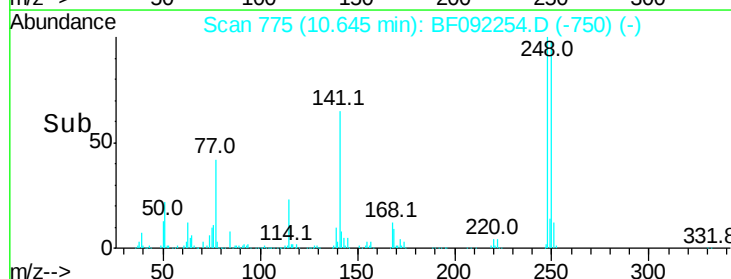
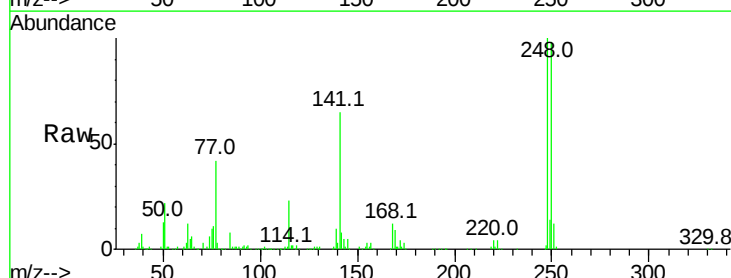
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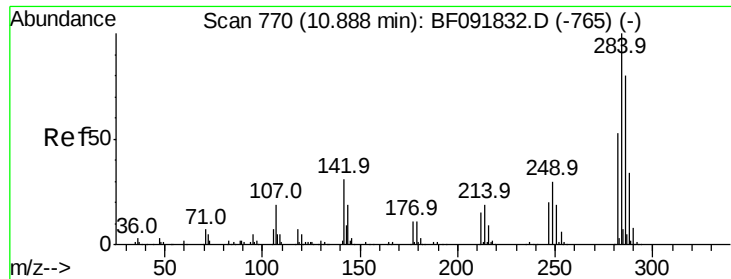
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 47.30 ng
RT: 10.64 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	313801		
250	97.6		76.9	115.3
141	65.0		68.2	102.4#





#67

Hexachlorobenzene

Concen: 44.36 ng

RT: 10.71 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

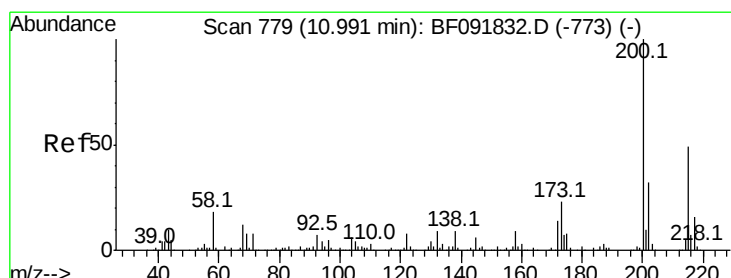
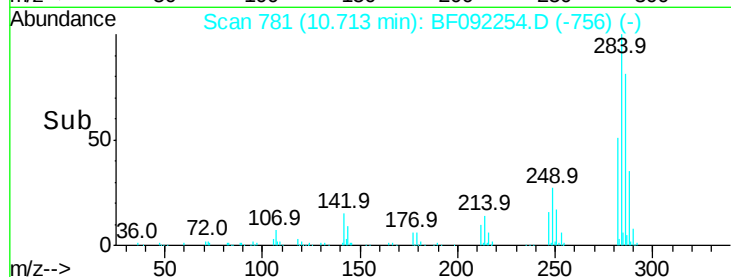
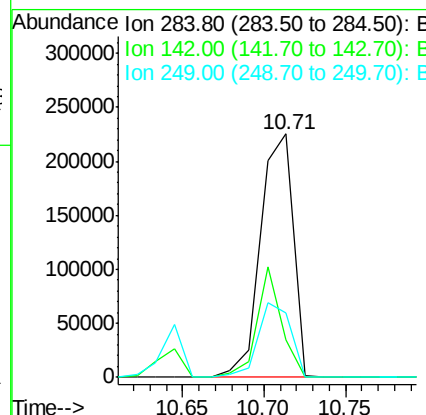
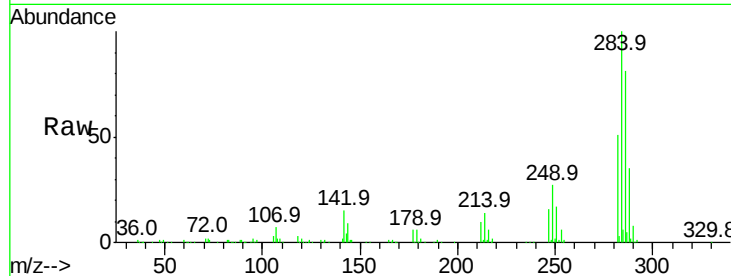
ClientSampleId :

PB95972BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	15.2	22.6	33.8#	
249	26.6	25.4	38.0	

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#68

Atrazine

Concen: 42.46 ng

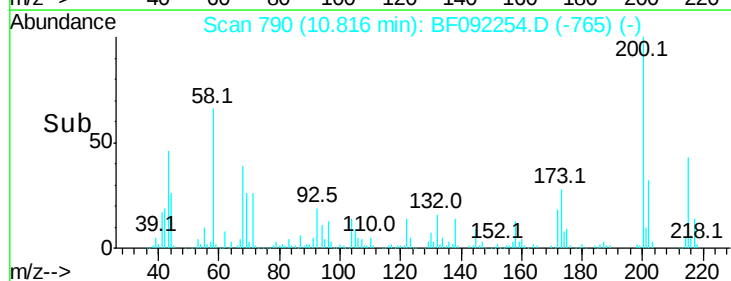
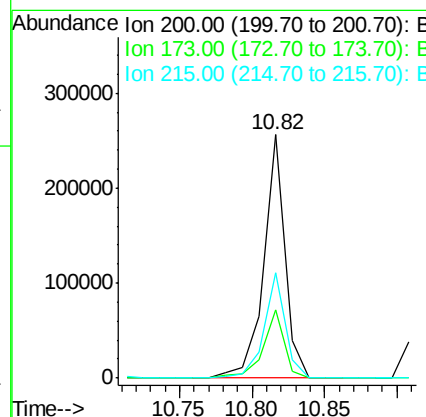
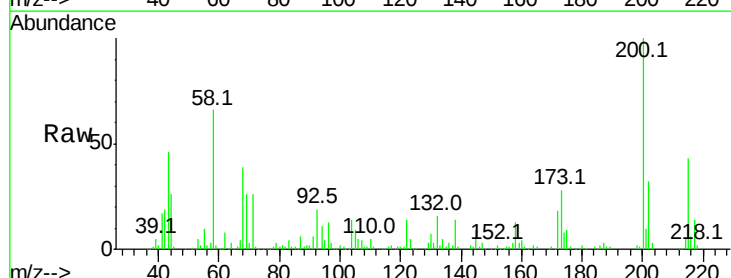
RT: 10.82 min Scan# 790

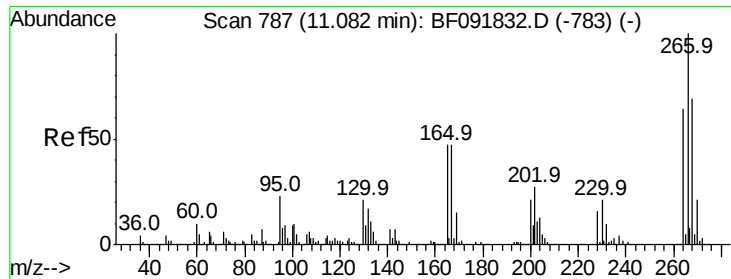
Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.3	9.6	49.6	
215	43.0	25.7	65.7	





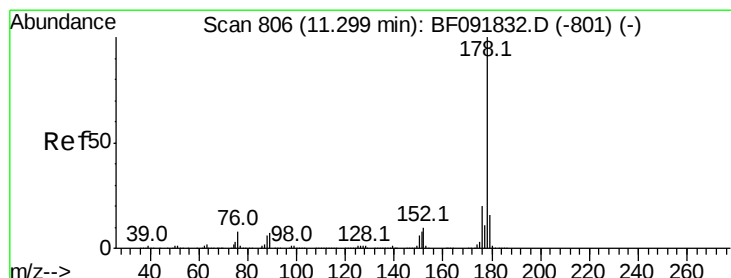
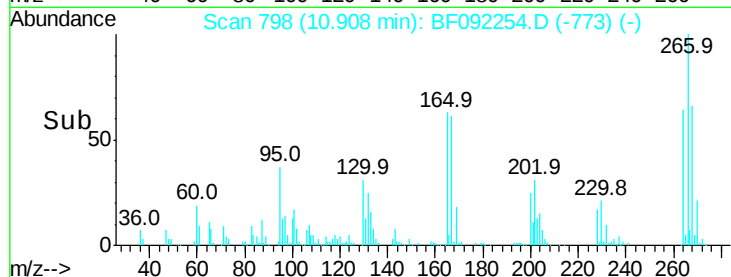
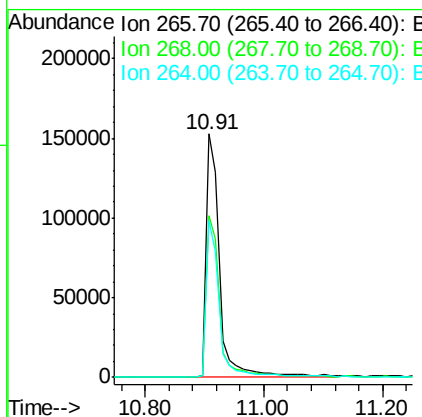
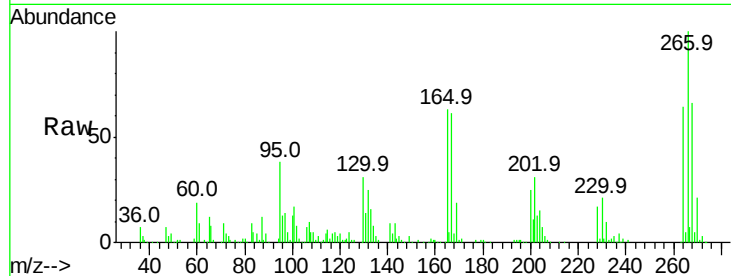
#69
 Pentachlorophenol
 Concen: 70.68 ng
 RT: 10.91 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	245898		
268	66.3	53.3	79.9	
264	64.2	50.3	75.5	

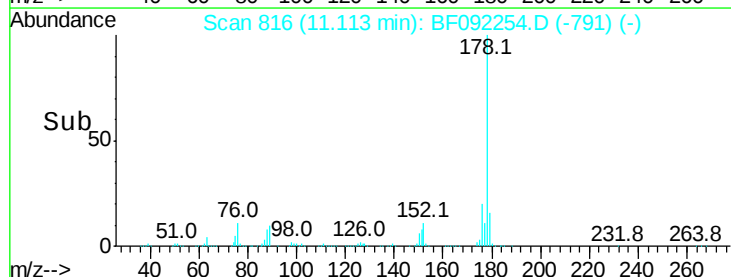
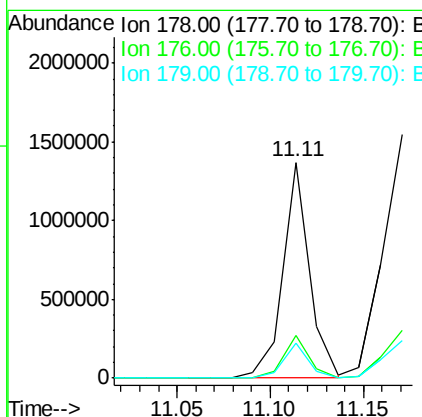
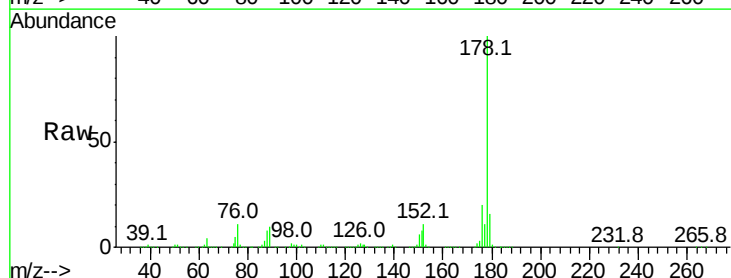
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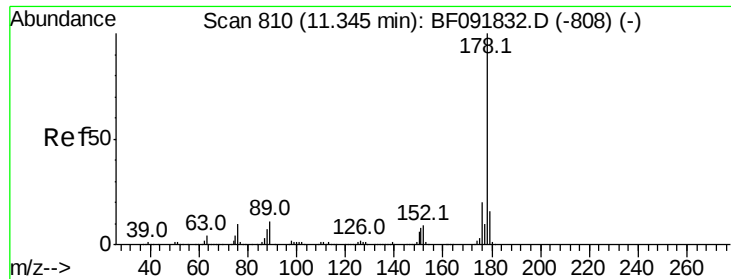
Sohil
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#70
 Phenanthrene
 Concen: 39.45 ng
 RT: 11.11 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1364168		
176	19.8	16.6	25.0	
179	16.0	12.8	19.2	





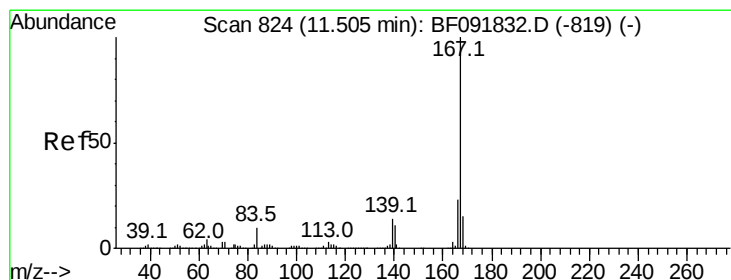
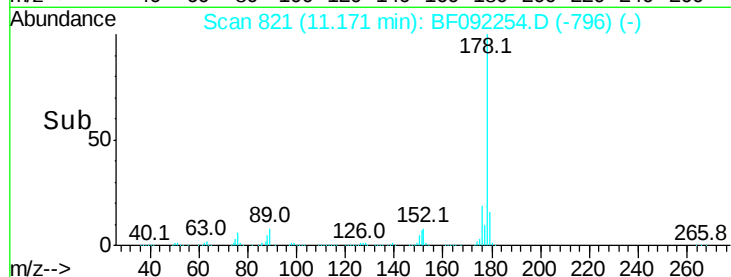
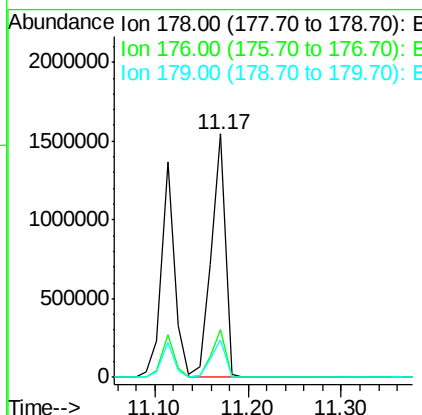
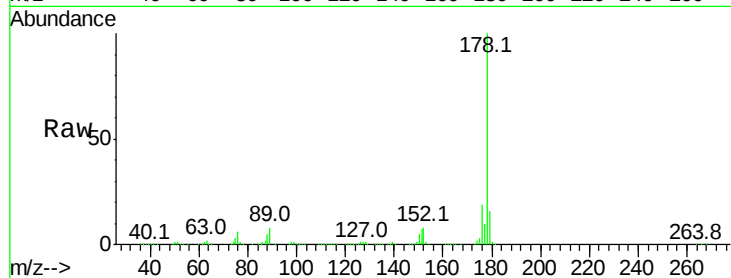
#71
 Anthracene
 Concen: 58.89 ng
 RT: 11.17 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Tot Ion:178 Resp: 1616191
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.7 13.2 19.8

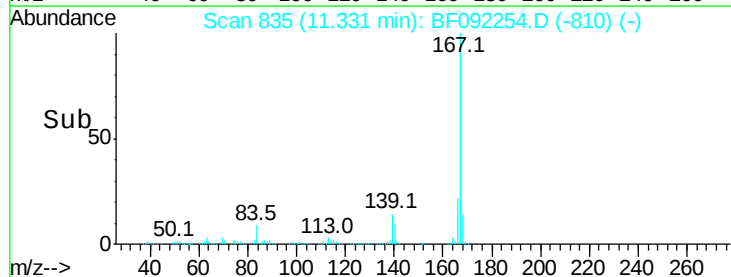
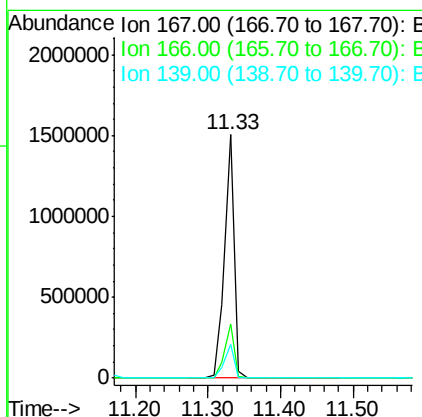
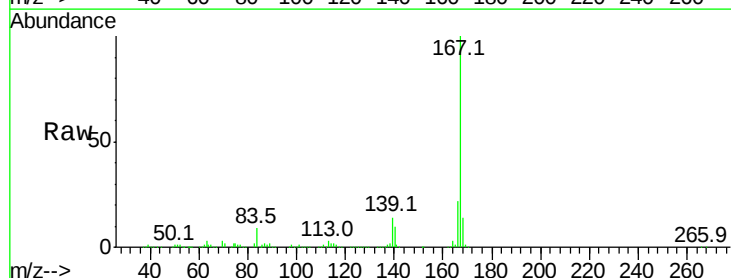
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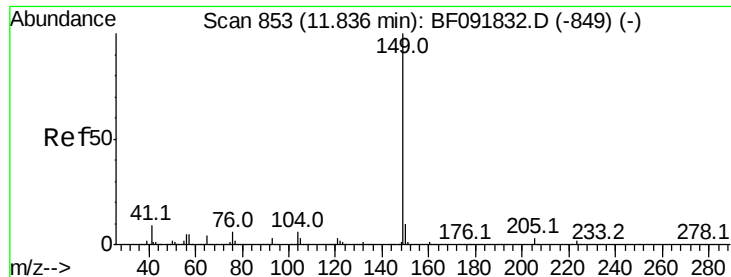
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#72
 Carbazole
 Concen: 53.82 ng
 RT: 11.33 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion:167 Resp: 1398505
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 53.07 ng

RT: 11.67 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB95972BS

Tot Ion:149 Resp: 1714677

Ion Ratio Lower Upper

149 100

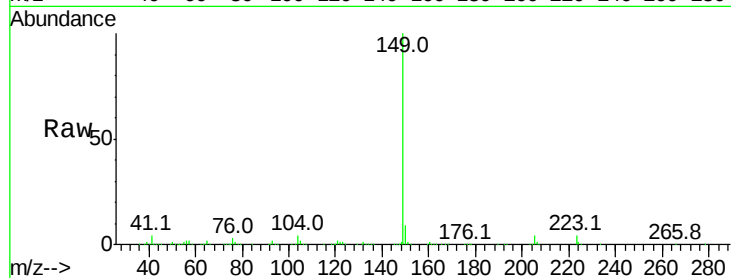
150 9.1 8.1 12.1

104 3.9 4.6 7.0#

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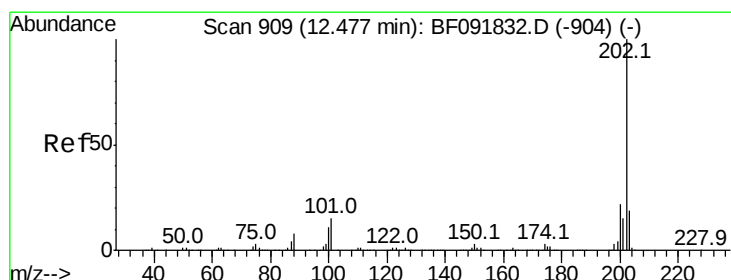
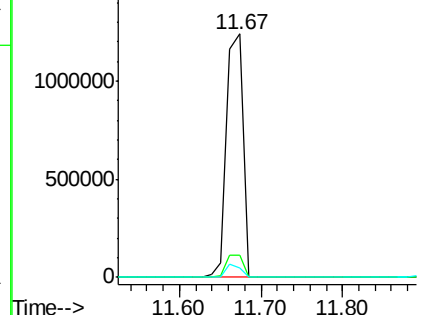
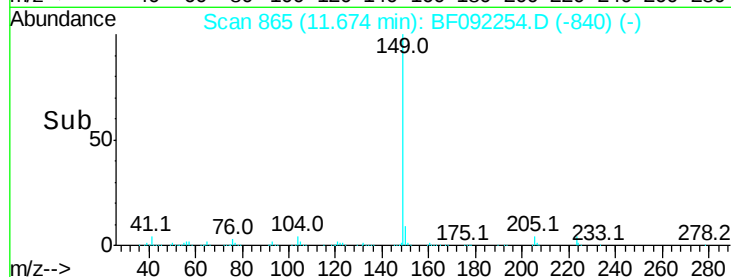
1/16/2017 8:39:20 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.27 ng

RT: 12.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

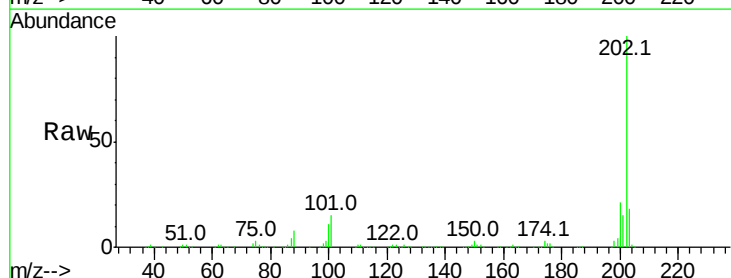
Tgt Ion:202 Resp: 1483555

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.6

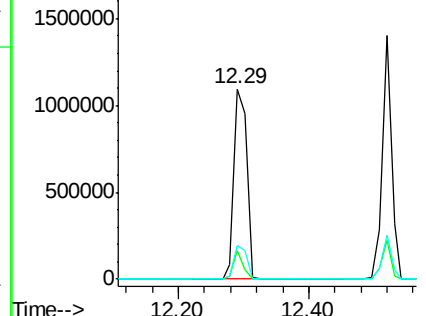
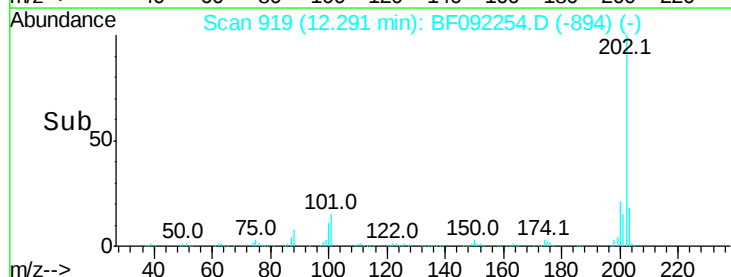
203 18.0 0.0 38.7

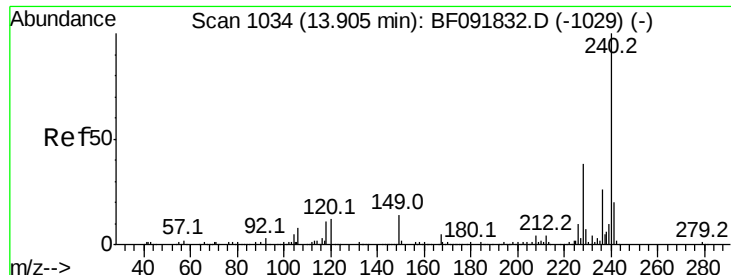


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

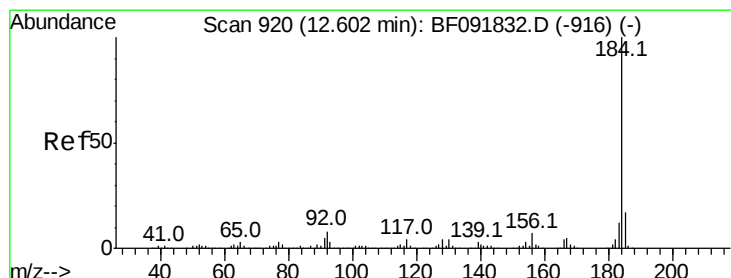
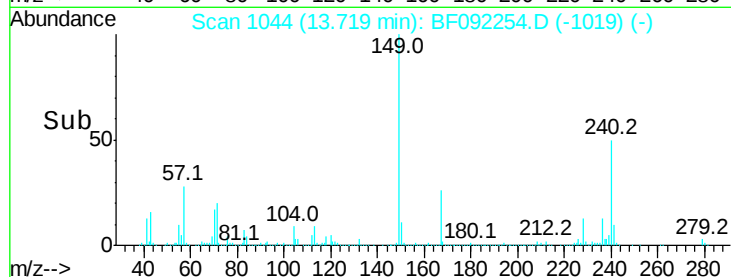
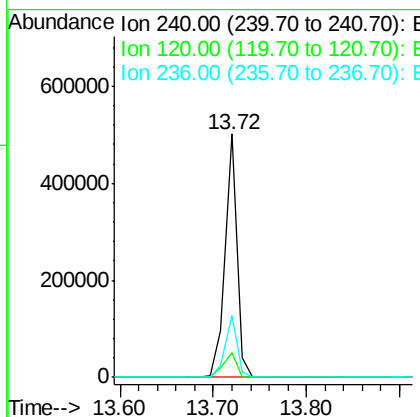
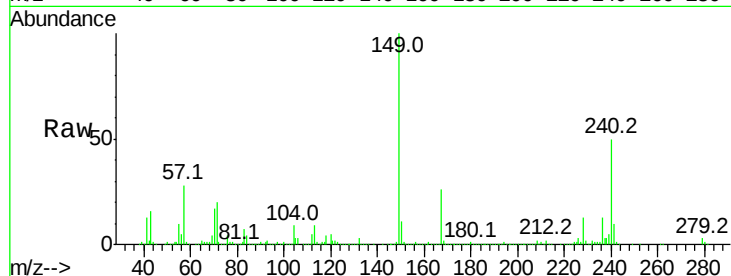
ClientSampleId :

PB95972BS

Tot Ion:	240	Resp:	442482
Ion Ratio	Lower	Upper	
240	100		
120	10.0	12.9	19.3#
236	25.6	20.9	31.3

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#76

Benzidine

Concen: 16.44 ng

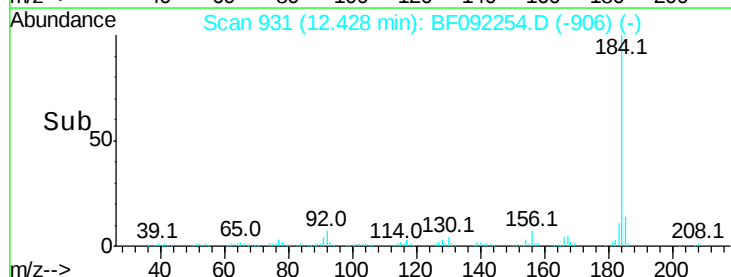
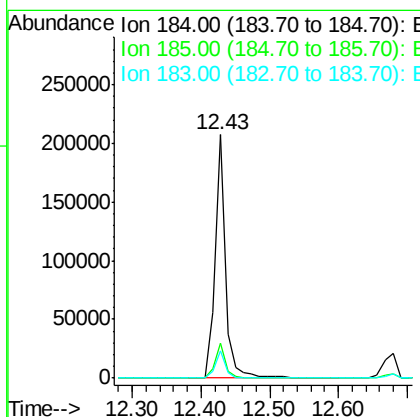
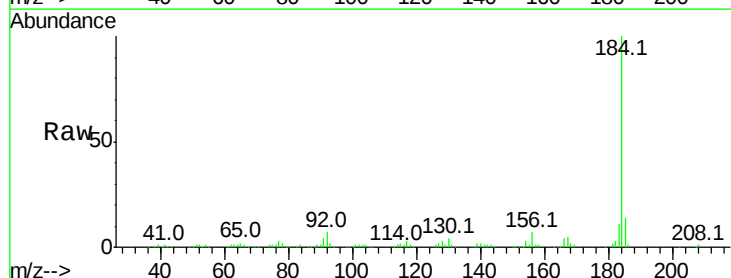
RT: 12.43 min Scan# 931

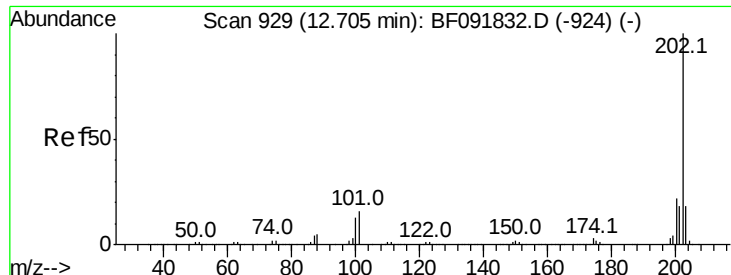
Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tgt Ion:	184	Resp:	225017
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.4	20.0
183	11.1	9.2	13.8





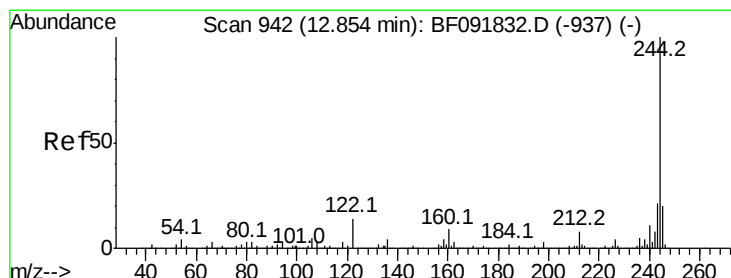
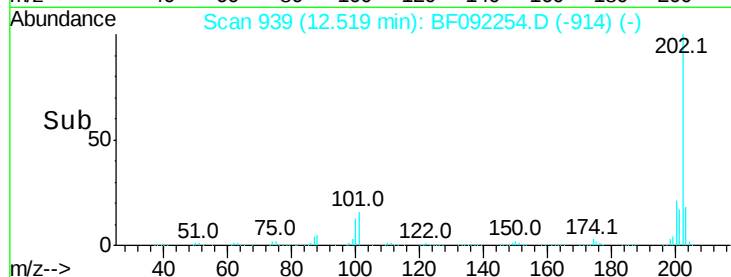
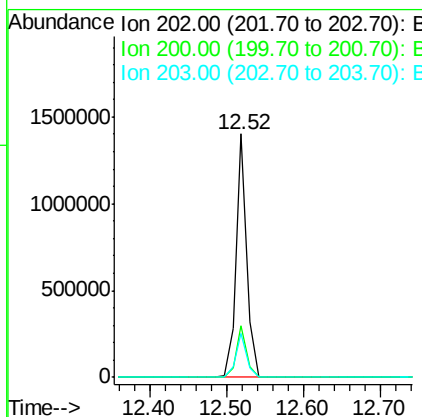
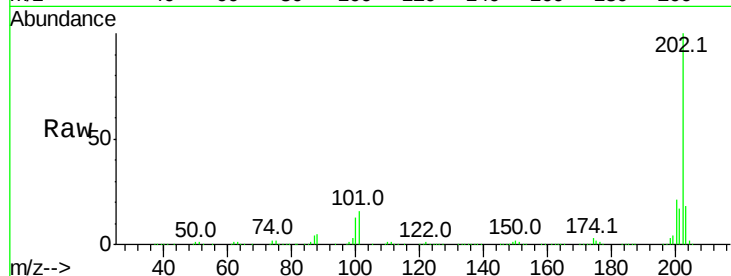
#77
Pvrene
Concen: 42.85 ng
RT: 12.52 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion:202 Resp: 1391133
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 18.1 14.7 22.1

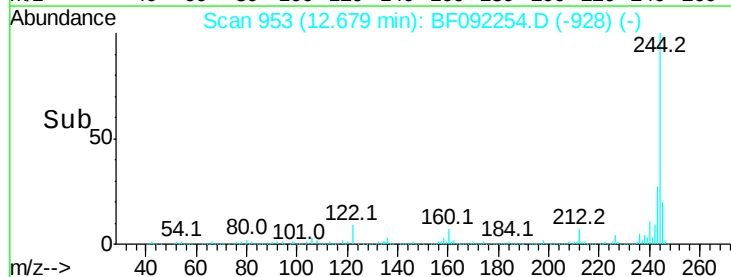
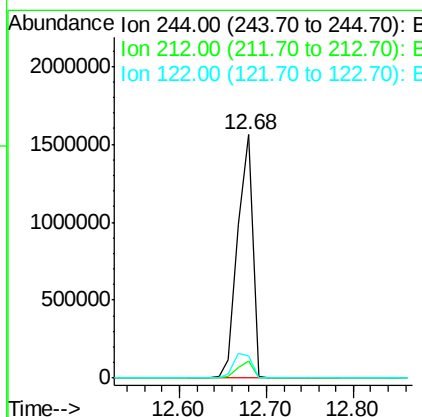
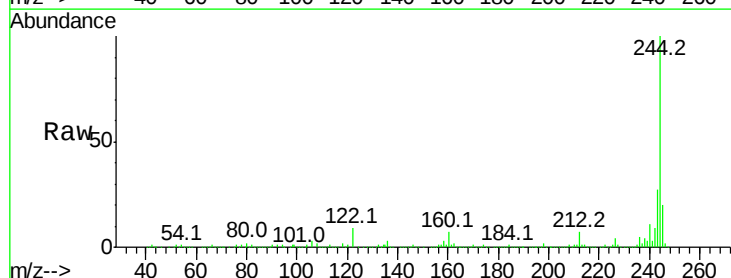
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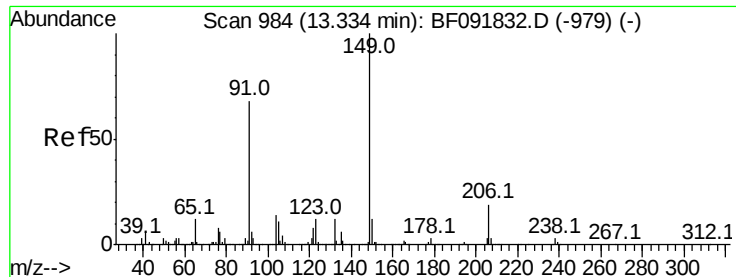
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#78
Terphenyl-d14
Concen: 101.51 ng
RT: 12.68 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion:244 Resp: 1852068
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 9.1 11.4 17.2#





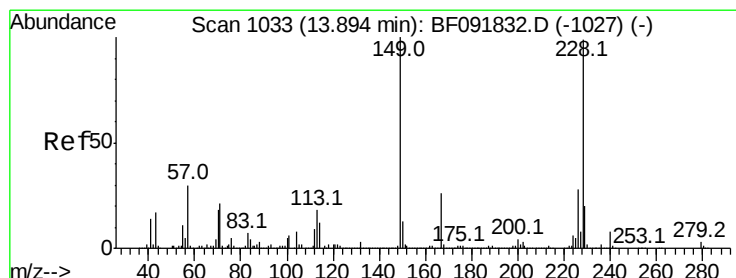
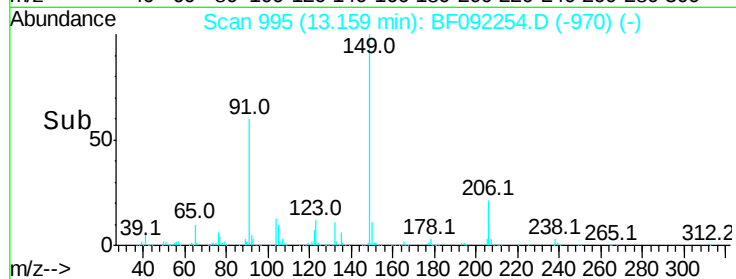
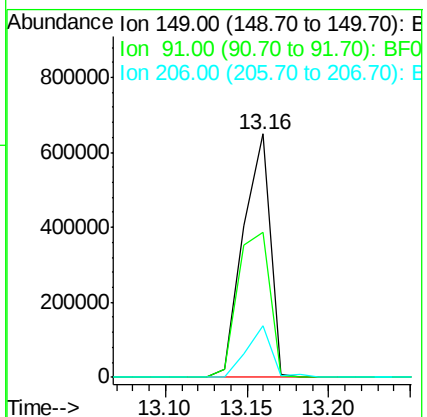
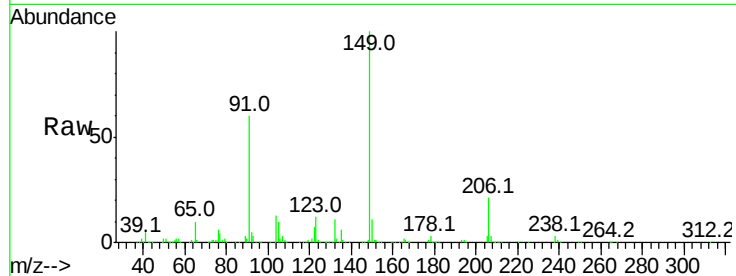
#79
Butylbenzylphthalate
Concen: 50.44 ng
RT: 13.16 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	59.8	63.9	95.9#
206	21.2	14.6	21.8

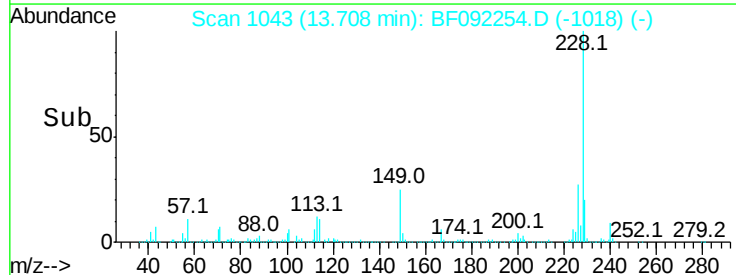
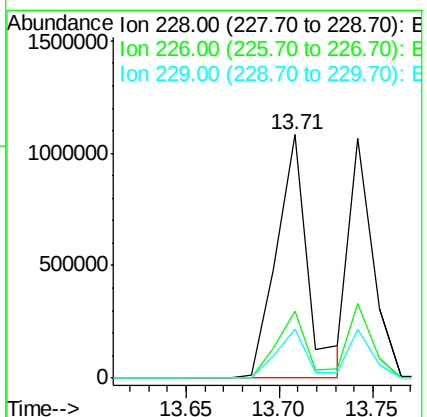
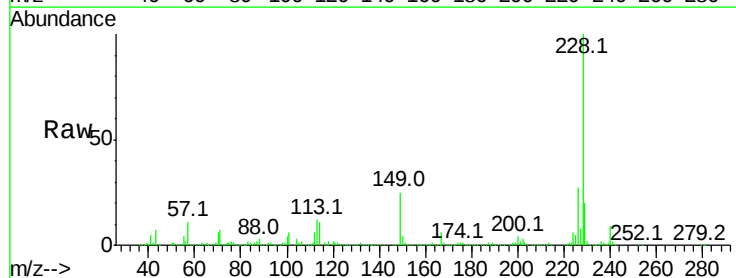
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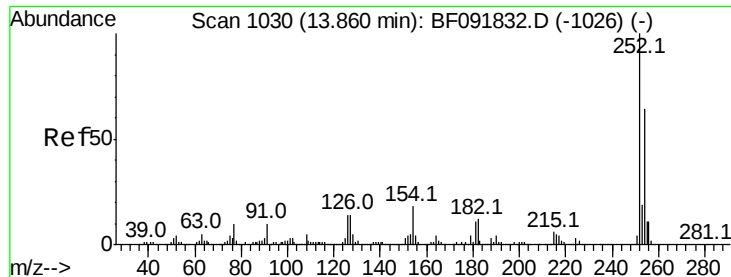
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#80
Benzo(a)anthracene
Concen: 50.62 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.4	22.4	33.6
229	20.1	16.2	24.4





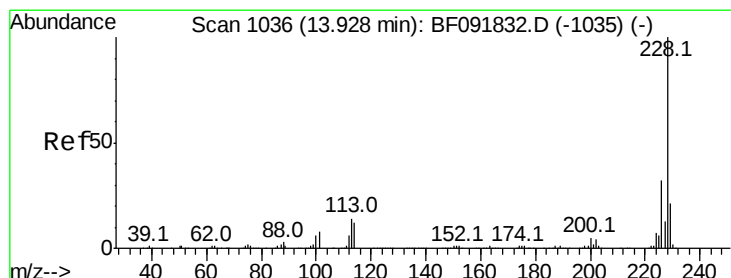
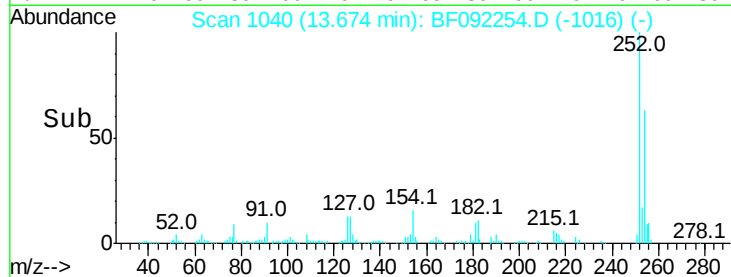
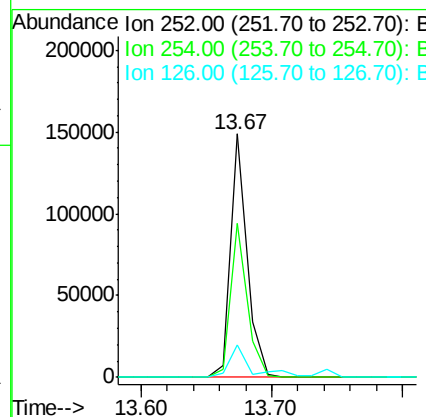
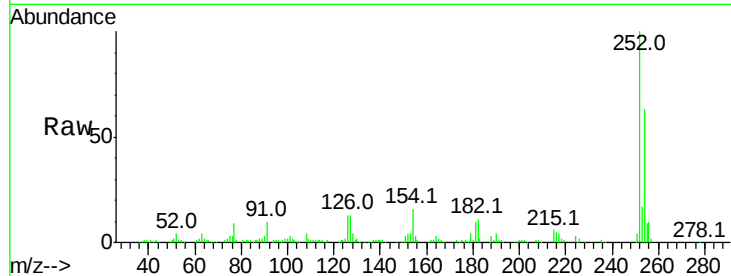
#81
 3,3'-Dichlorobenzidine
 Concen: 14.00 ng
 RT: 13.67 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.3	52.3	78.5
126	13.4	13.6	20.4

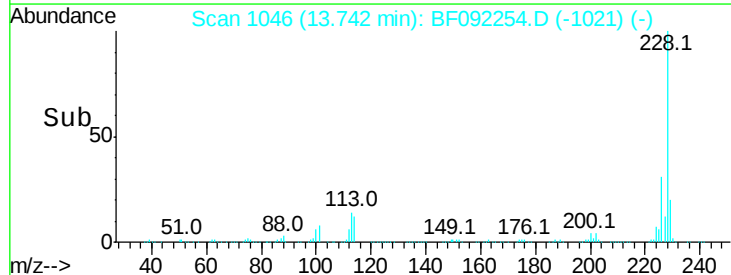
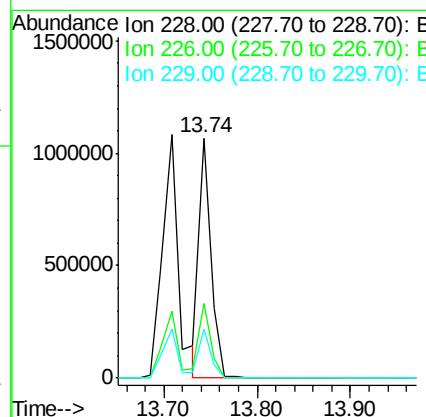
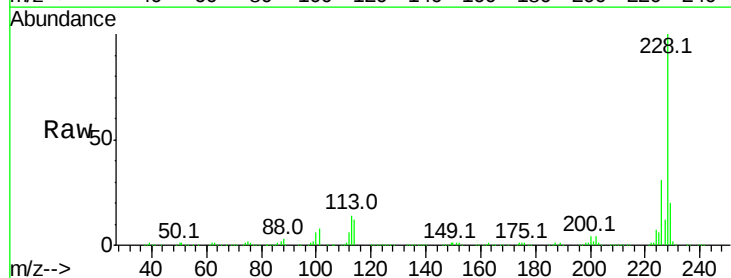
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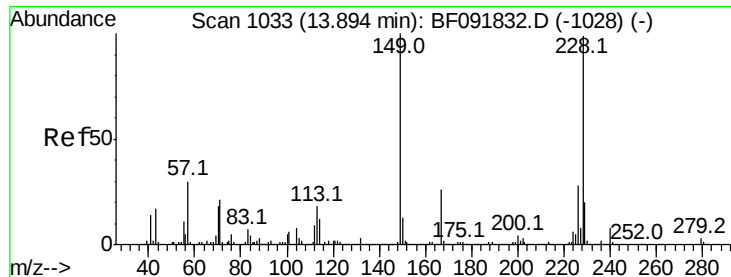
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#82
 Chrysene
 Concen: 38.22 ng
 RT: 13.74 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.4	38.0
229	20.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.19 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

ClientSampleId :

PB95972BS

Tot Ion:149 Resp: 924891

Ion Ratio Lower Upper

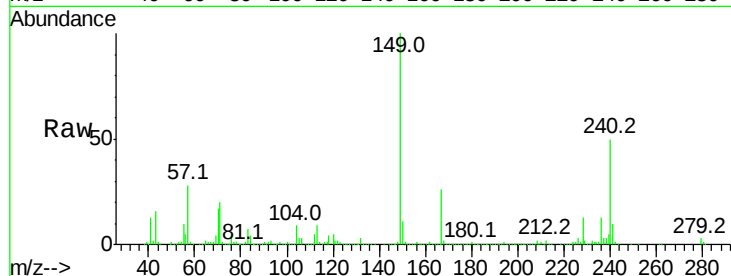
149 100

167 26.4 20.2 30.4

279 3.0 1.8 2.8#

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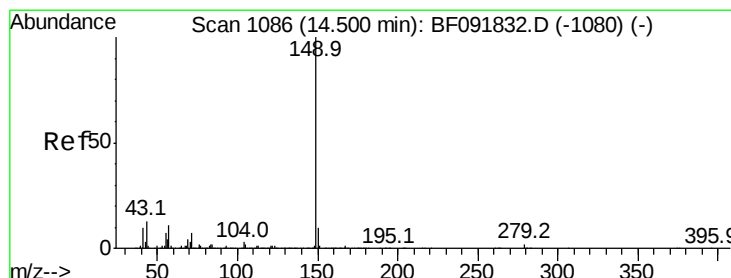
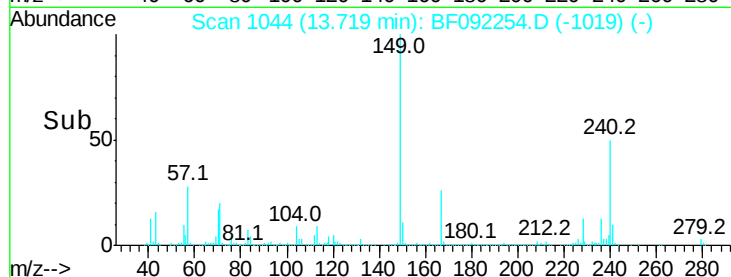
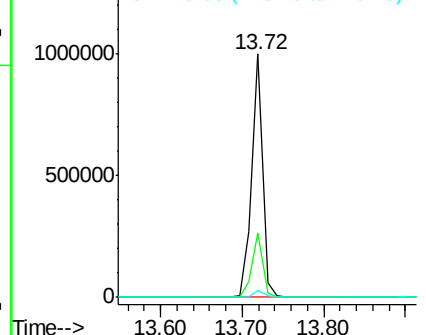
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.05 ng

RT: 14.33 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

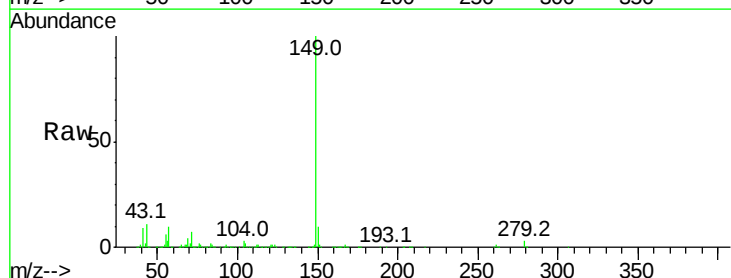
Tgt Ion:149 Resp: 1547693

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

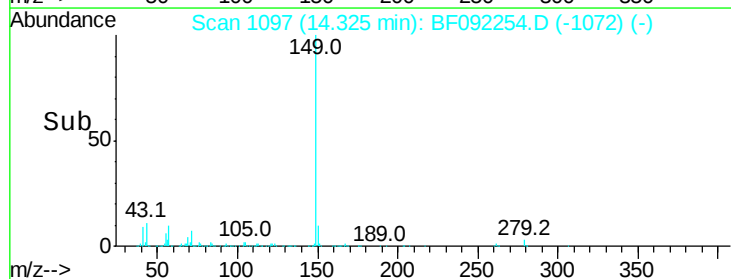
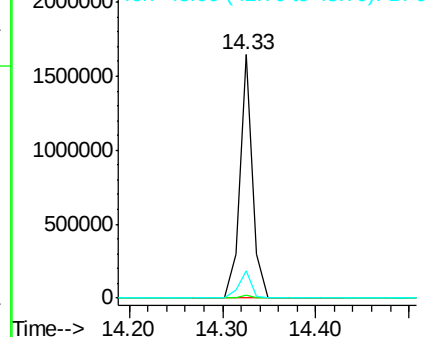
43 11.0 8.9 13.3

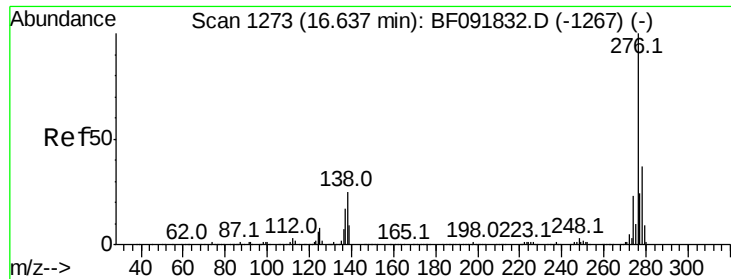


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





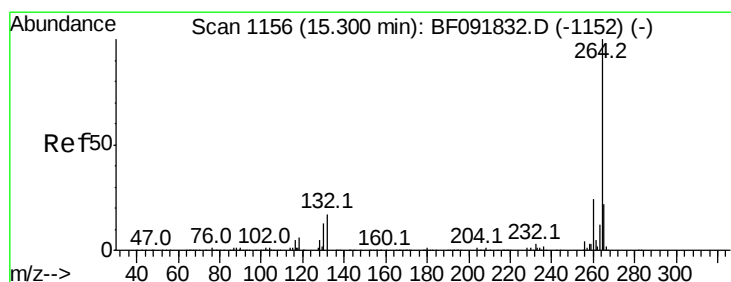
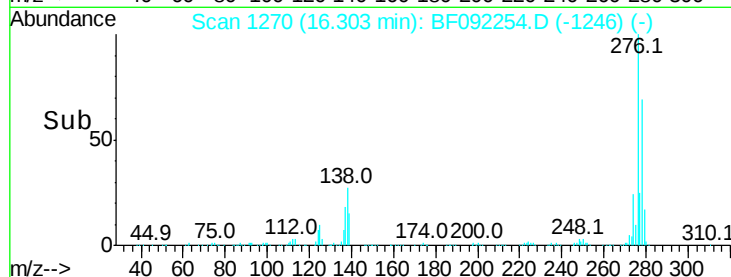
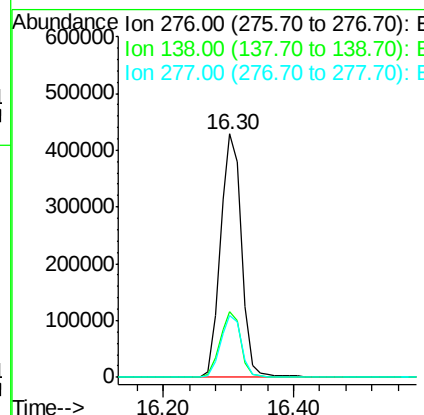
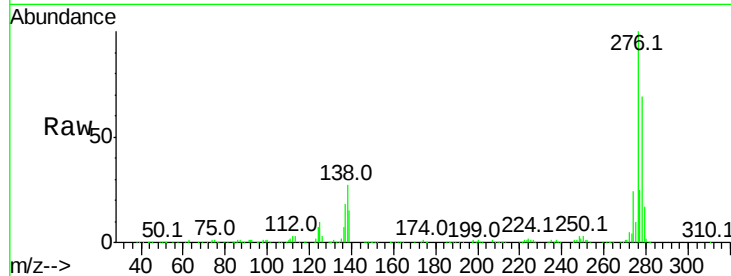
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.77 ng
RT: 16.30 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.8	32.6
277	25.2	20.2	30.4

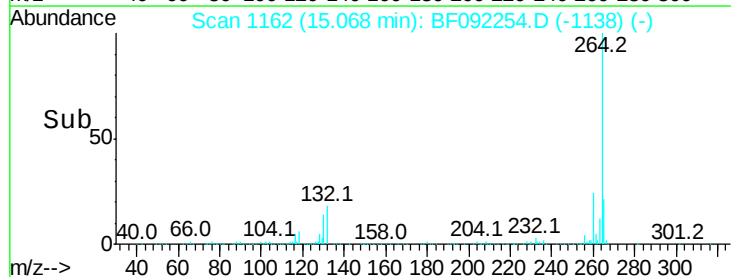
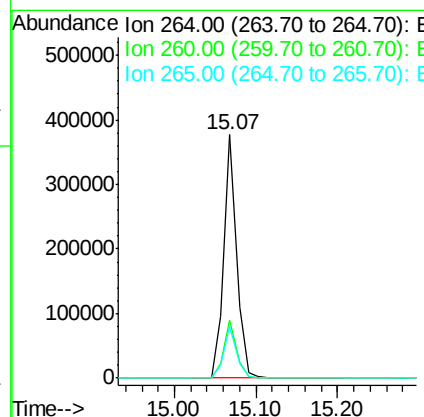
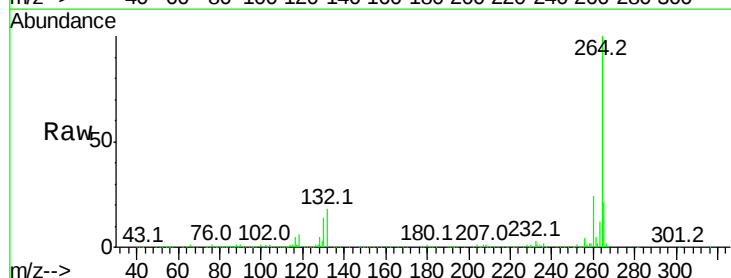
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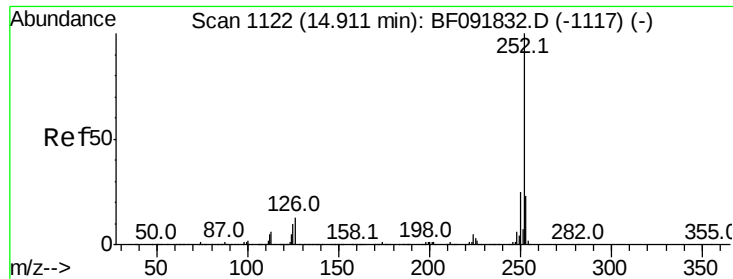
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 54.69 ng m

RT: 14.71 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Instrument :

BNA_F

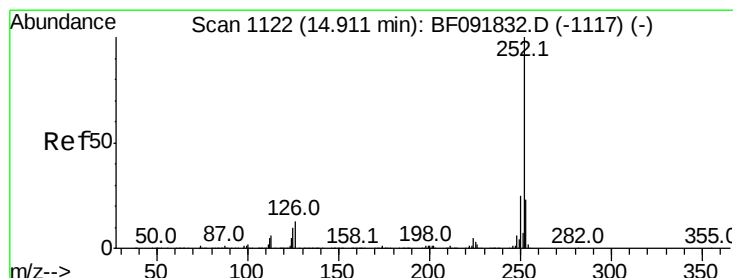
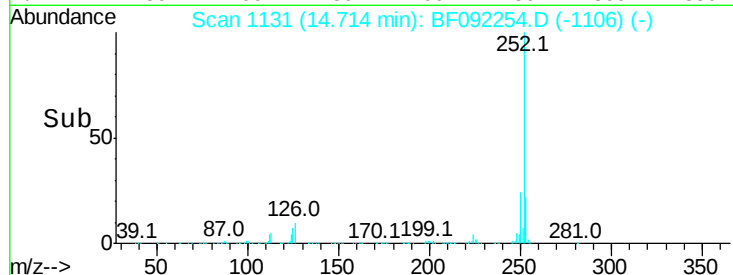
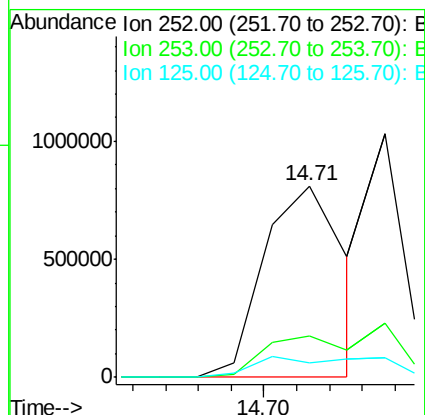
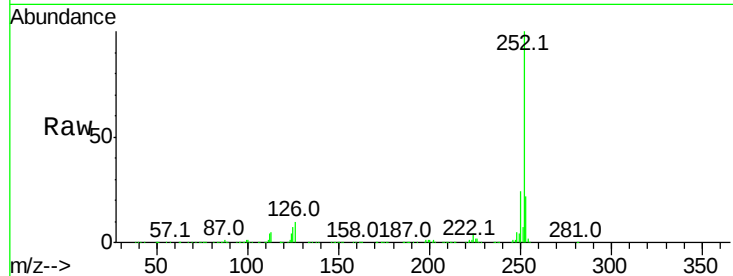
ClientSampleId :

PB95972BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	7.4	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 34.87 ng m

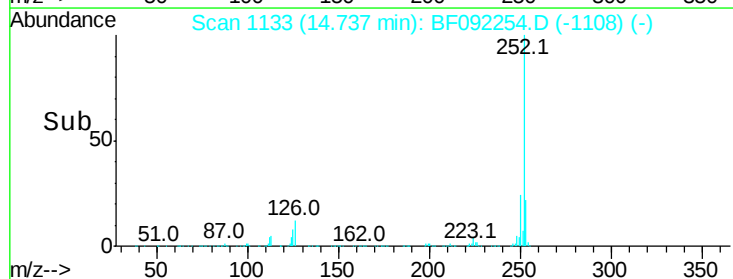
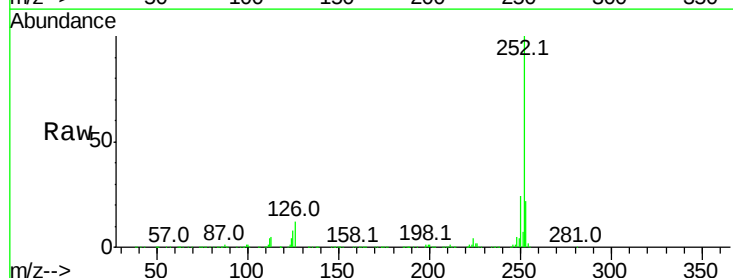
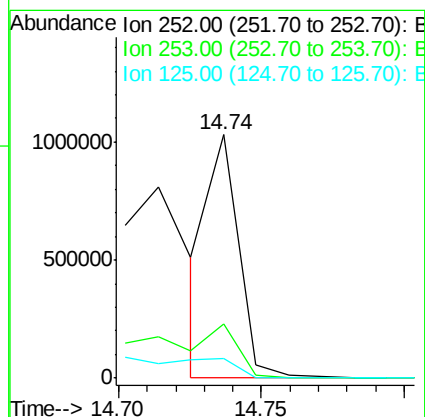
RT: 14.74 min Scan# 1133

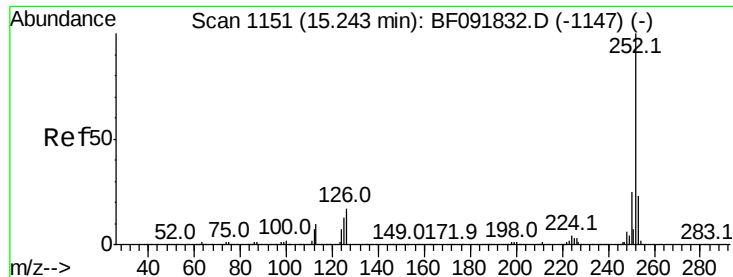
Delta R.T. -0.01 min

Lab File: BF092254.D

Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	8.1	8.9	13.3





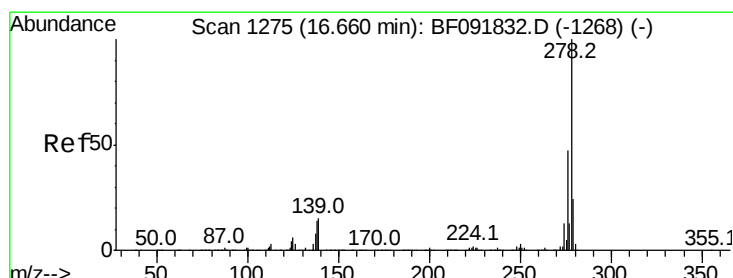
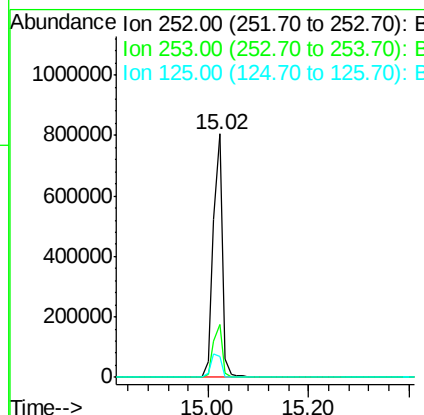
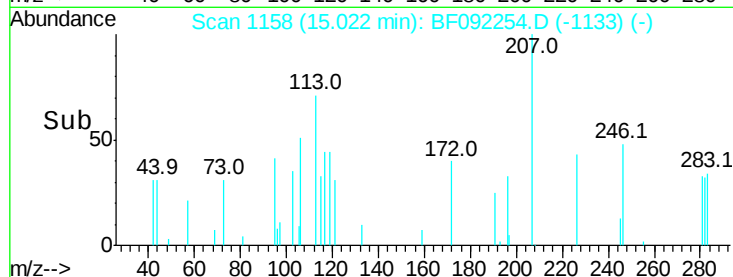
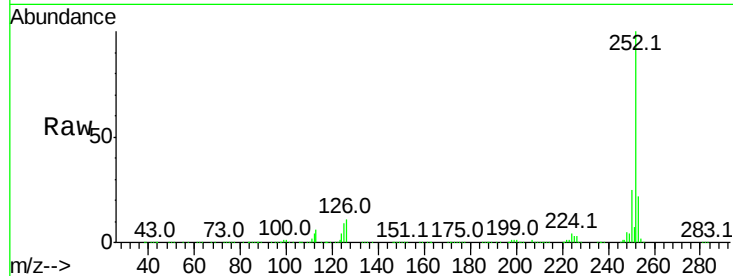
#89
Benzo(a)pyrene
Concen: 44.38 ng
RT: 15.02 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.8	10.0	15.0#

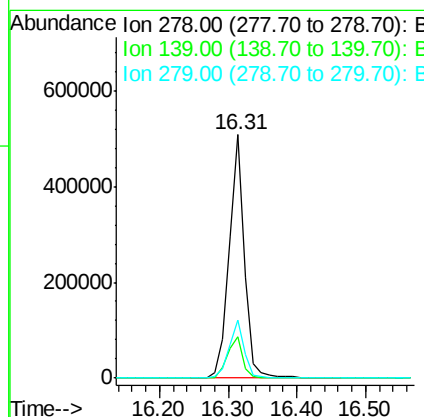
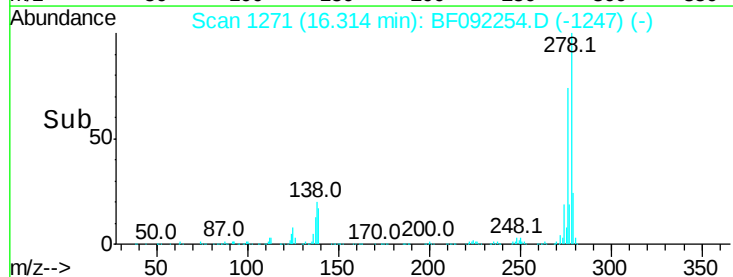
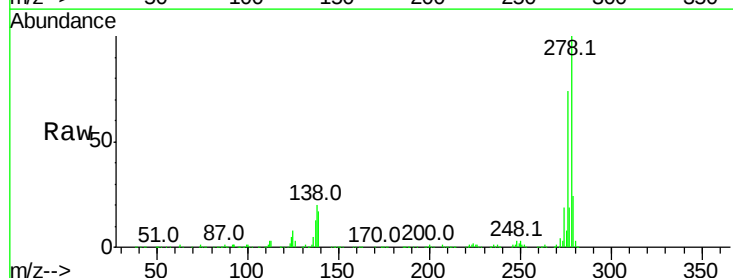
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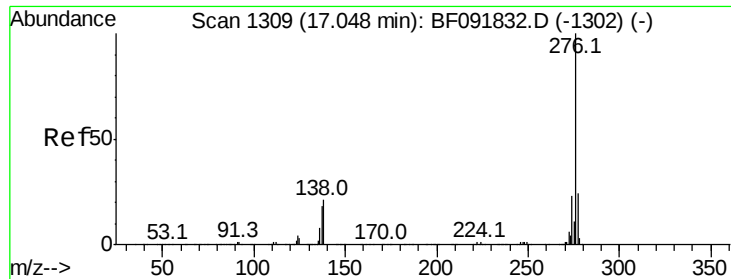
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#90
Dibenzo(a,h)anthracene
Concen: 43.16 ng
RT: 16.31 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF092254.D
Acq: 13 Jan 2017 21:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.8	22.2
279	23.6	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.33 ng
 RT: 16.67 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF092254.D
 Acq: 13 Jan 2017 21:00

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.7	19.2	28.8	
138	23.4	16.0	24.0	

Manual Integrations
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