

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090209.D
 Acq On : 23 Sep 2016 20:33
 Operator : UM/SJ
 Sample : H4887-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

Manual Integrations
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 9/26/2016 5:59:18 PM

Quant Time: Sep 23 23:42:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 23:35:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	123800	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	471650	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	216042	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	292177	20.00	ng	0.01
75) Chrysene-d12	13.60	240	219548	20.00	ng	0.00
86) Perylene-d12	14.93	264	246831	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	891536	117.38	ng	0.02
7) Phenol-d6	6.16	99	1080393	115.18	ng	0.01
23) Nitrobenzene-d5	7.07	82	686829	84.42	ng	0.01
41) 2,4,6-Tribromophenol	10.31	330	194108	104.73	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	1113146	101.15	ng	0.01
78) Terphenyl-d14	12.57	244	649195	75.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	124437	30.20	ng	# 97
3) Pyridine	2.52	79	333736	37.34	ng	97
4) n-Nitrosodimethylamine	2.48	42	110760	41.53	ng	96
6) Aniline	6.16	93	306604	26.22	ng	# 81
8) 2-Chlorophenol	6.28	128	344477	39.42	ng	# 81
9) Benzaldehyde	6.03	77	32354	7.92	ng	92
10) Phenol	6.17	94	353384	31.87	ng	81
11) bis(2-Chloroethyl)ether	6.24	93	345087	39.91	ng	99
12) 1,3-Dichlorobenzene	6.43	146	369714	40.50	ng	97
13) 1,4-Dichlorobenzene	6.51	146	370344	39.73	ng	98
14) 1,2-Dichlorobenzene	6.66	146	315911m	38.04	ng	
15) Benzyl Alcohol	6.65	79	244870	43.78	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.80	45	397578	38.48	ng	98
17) 2-Methylphenol	6.79	107	284976	41.40	ng	96
18) Hexachloroethane	7.00	117	116184	34.94	ng	94
19) n-Nitroso-di-n-propylamine	6.94	70	255069	46.29	ng	95
20) 3+4-Methylphenols	6.95	107	362248	43.83	ng	96
22) Acetophenone	6.91	105	424986	37.37	ng	# 95
24) Nitrobenzene	7.08	77	311837	36.78	ng	98
25) Isophorone	7.34	82	676443	39.79	ng	98
26) 2-Nitrophenol	7.40	139	165106	39.55	ng	99
27) 2,4-Dimethylphenol	7.46	122	276892	37.33	ng	97
28) bis(2-Chloroethoxy)methane	7.55	93	422817	41.12	ng	99
29) 2,4-Dichlorophenol	7.66	162	282409	43.41	ng	96
30) 1,2,4-Trichlorobenzene	7.72	180	259516	39.94	ng	99
31) Naphthalene	7.80	128	982126	43.73	ng	99
32) Benzoic acid	7.56	122	48436	9.51	ng	94
33) 4-Chloroaniline	7.86	127	163734	17.58	ng	99
34) Hexachlorobutadiene	7.93	225	148077	43.20	ng	99
35) Caprolactam	8.24	113	86715	40.27	ng	# 82
36) 4-Chloro-3-methylphenol	8.36	107	284544	38.70	ng	99
37) 2-Methylnaphthalene	8.49	142	547938	39.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	222101	44.79	ng	97
40) Hexachlorocyclopentadiene	8.65	237	67854	27.73	ng	97

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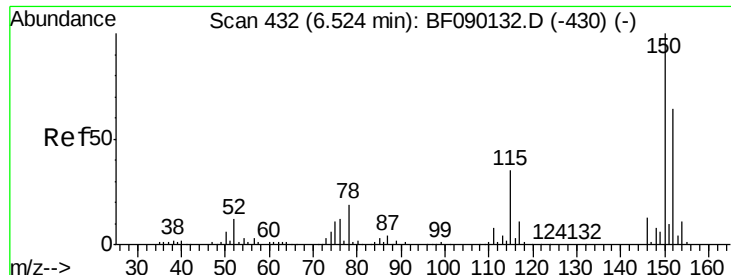
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	154258	43.65	nq	99
43) 2,4,5-Trichlorophenol	8.82	196	157158	42.95	nq	# 86
45) 1,1'-Biphenyl	8.96	154	648678	41.97	nq	97
46) 2-Chloronaphthalene	8.98	162	538877	47.26	nq	93
47) 2-Nitroaniline	9.08	65	156028	45.39	nq	# 80
48) Acenaphthylene	9.38	152	754387	40.74	nq	99
49) Dimethylphthalate	9.27	163	905864	65.83	nq	99
50) 2,6-Dinitrotoluene	9.32	165	122665	40.00	nq	94
51) Acenaphthene	9.55	154	443675	40.36	nq	99
52) 3-Nitroaniline	9.48	138	109572	30.47	nq	90
53) 2,4-Dinitrophenol	9.60	184	34437	22.43	nq	96
54) Dibenzofuran	9.72	168	644692	44.57	nq	95
55) 4-Nitrophenol	9.68	139	169080	68.64	nq	90
56) 2,4-Dinitrotoluene	9.72	165	153643	42.37	nq	95
57) Fluorene	10.07	166	498580	45.73	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	118577	43.29	nq	98
59) Diethylphthalate	9.96	149	594303	44.72	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	215792	43.41	nq	91
61) 4-Nitroaniline	10.09	138	115558	31.53	nq	81
62) Azobenzene	10.23	77	641275	46.36	nq	92
64) 4,6-Dinitro-2-methylphenol	10.12	198	30566	16.70	nq	# 54
65) n-Nitrosodiphenylamine	10.19	169	476753	49.62	nq	99
66) 4-Bromophenyl-phenylether	10.55	248	129462	45.03	nq	# 78
67) Hexachlorobenzene	10.60	284	148578	44.34	nq	# 79
68) Atrazine	10.72	200	118987	45.19	nq	97
69) Pentachlorophenol	10.81	266	147319	77.46	nq	98
70) Phenanthrene	11.02	178	696365	50.96	nq	99
71) Anthracene	11.06	178	621933	43.40	nq	99
72) Carbazole	11.22	167	580694	38.33	nq	98
73) Di-n-butylphthalate	11.58	149	792448	44.98	nq	99
74) Fluoranthene	12.19	202	608617	41.49	nq	91
76) Benzidine	12.33	184	288335	39.24	nq	96
77) Pyrene	12.41	202	598149	39.81	nq	99
79) Butylbenzylphthalate	13.05	149	281719	38.34	nq	# 76
80) Benzo(a)anthracene	13.59	228	556721	47.13	nq	100
81) 3,3'-Dichlorobenzidine	13.57	252	191724	39.36	nq	# 98
82) Chrysene	13.63	228	527087	45.81	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	390424	41.52	nq	100
84) Di-n-octyl phthalate	14.23	149	720477	44.47	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.08	276	535874	57.60	nq	97
87) Benzo(b)fluoranthene	14.58	252	544897m	39.87	nq	
88) Benzo(k)fluoranthene	14.61	252	551091m	42.96	nq	
89) Benzo(a)pyrene	14.88	252	550747	42.84	nq	98
90) Dibenzo(a,h)anthracene	16.09	278	450039	44.86	nq	97
91) Benzo(g,h,i)perylene	16.42	276	427447	43.53	nq	97

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



#1

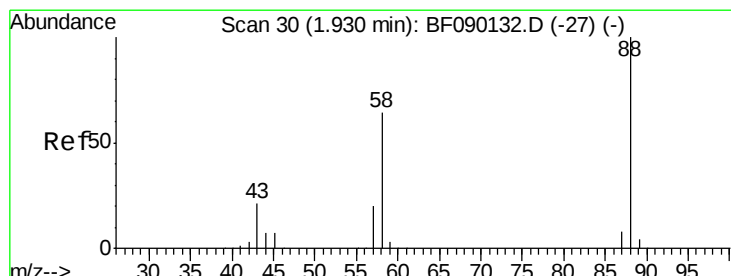
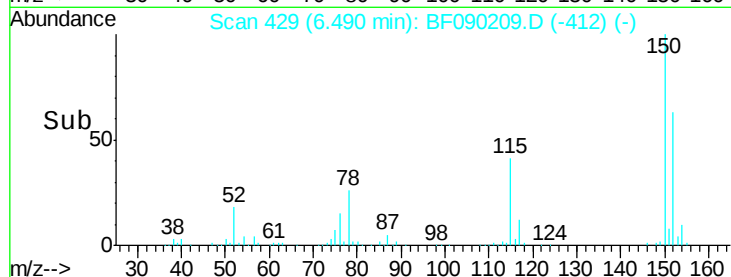
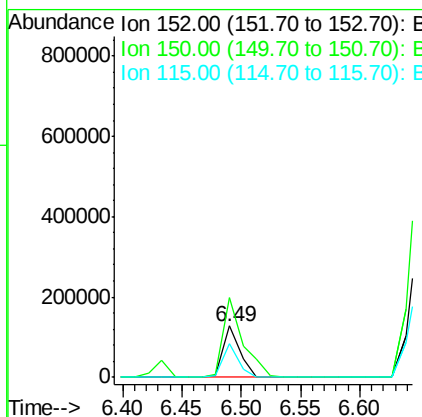
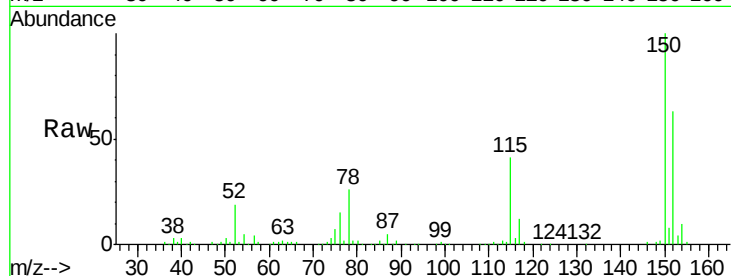
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	128.9	193.3
115	65.1	55.5	83.3

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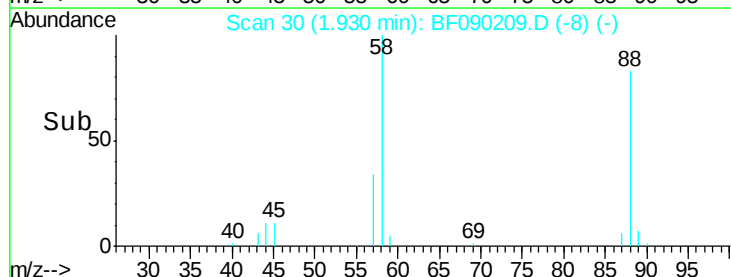
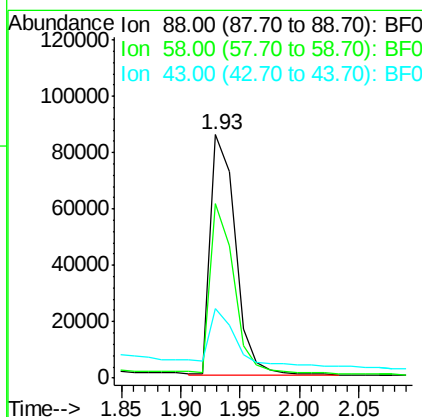
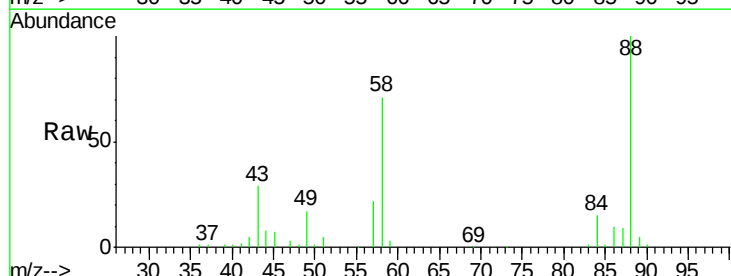
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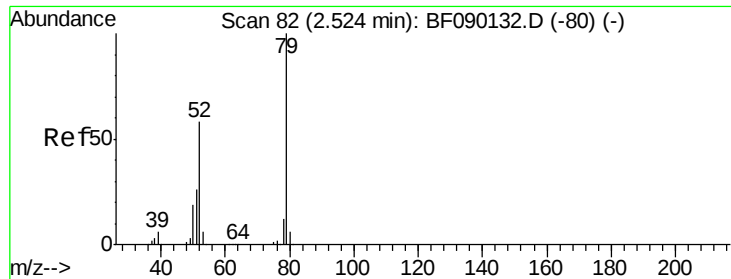


#2

1,4-Dioxane
Concen: 30.20 ng
RT: 1.93 min Scan# 30
Delta R.T. 0.06 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.4	80.0
43	25.4	16.5	24.7





#3

Pvridine

Concen: 37.34 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.06 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

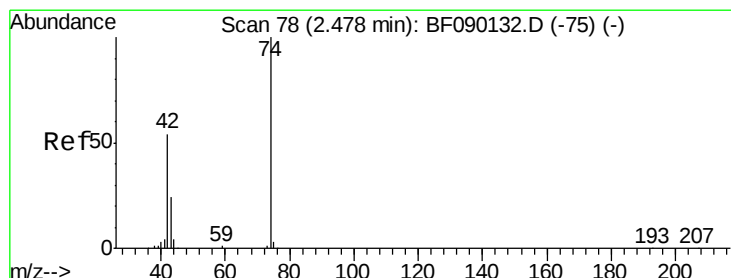
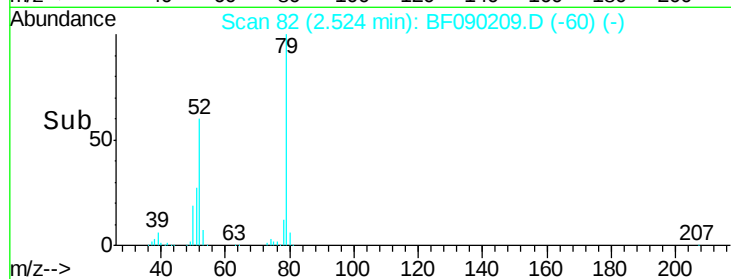
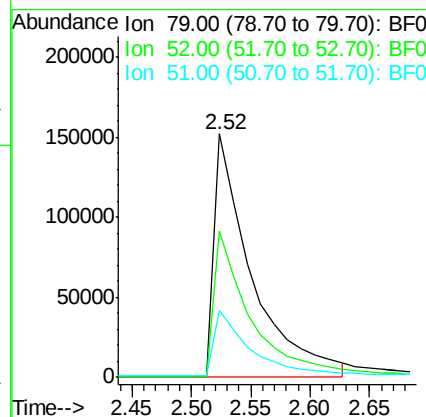
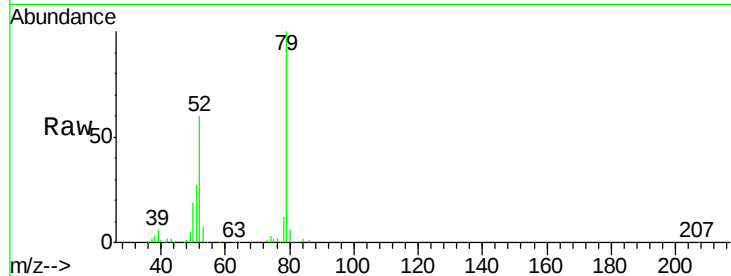
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion:	79	Resp:	333736
Ion Ratio	Lower	Upper	
79	100		
52	59.8	45.9	68.9
51	27.5	21.3	31.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.53 ng

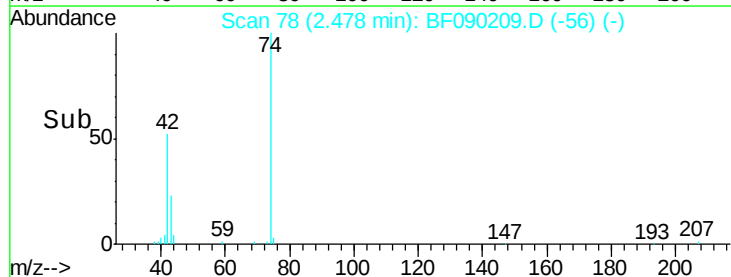
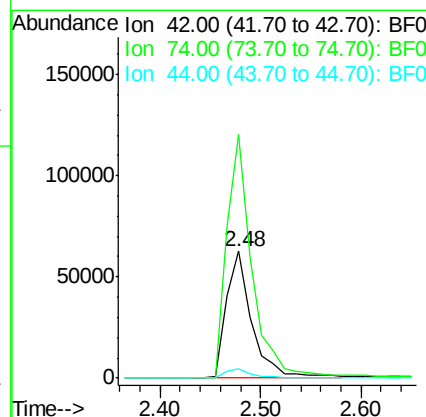
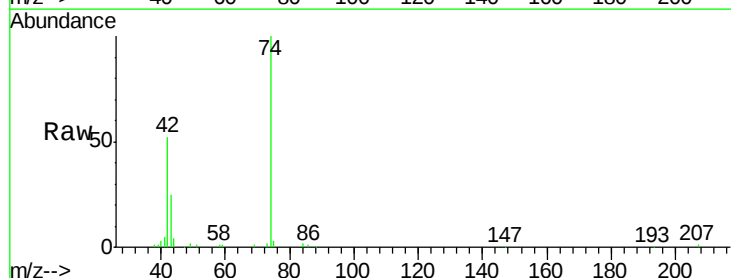
RT: 2.48 min Scan# 78

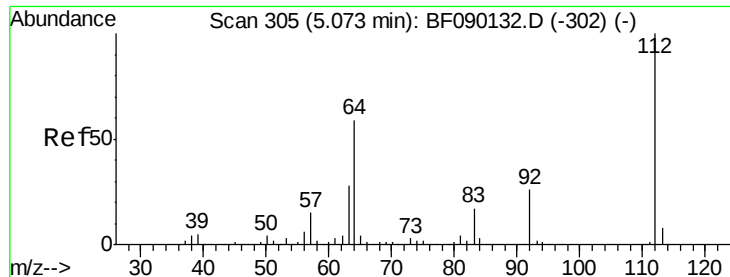
Delta R.T. 0.06 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion:	42	Resp:	110760
Ion Ratio	Lower	Upper	
42	100		
74	192.2	158.7	238.1
44	7.8	6.4	9.6





#5

2-Fluorophenol

Concen: 117.38 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF090209.D

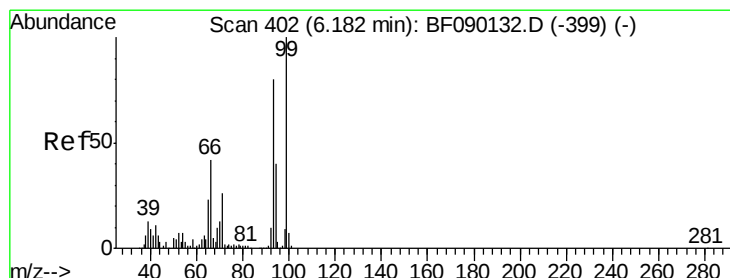
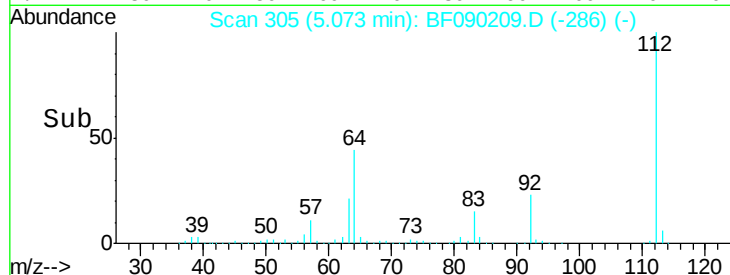
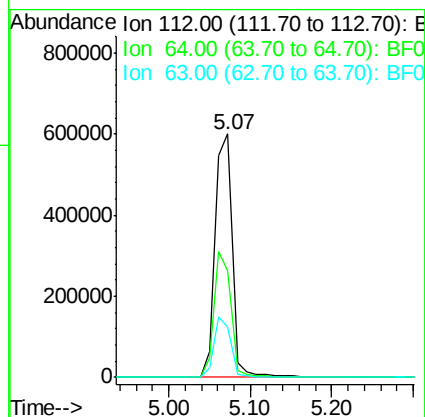
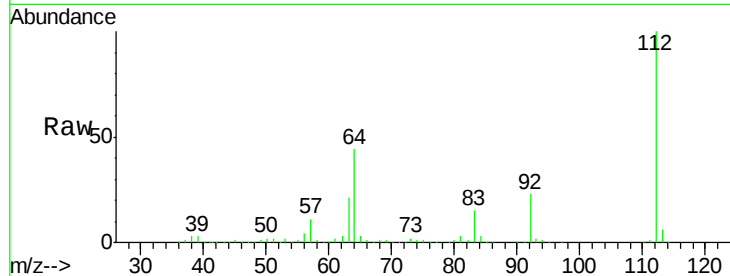
Acq: 23 Sep 2016 20:33

Instrument :
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ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion:	112	Resp:	891536
Ion Ratio	Lower	Upper	
112	100		
64	43.8	39.8	59.6
63	20.9	18.9	28.3

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#6

Aniline

Concen: 26.22 ng

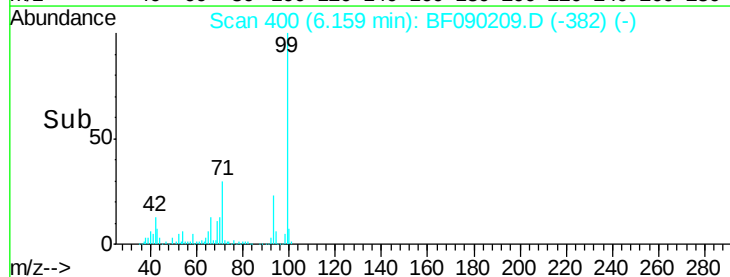
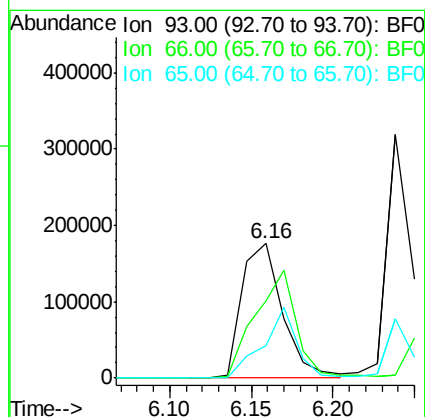
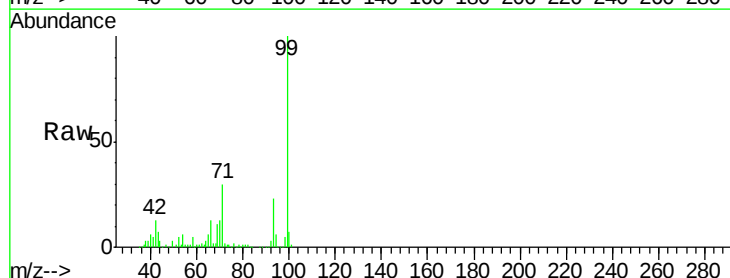
RT: 6.16 min Scan# 400

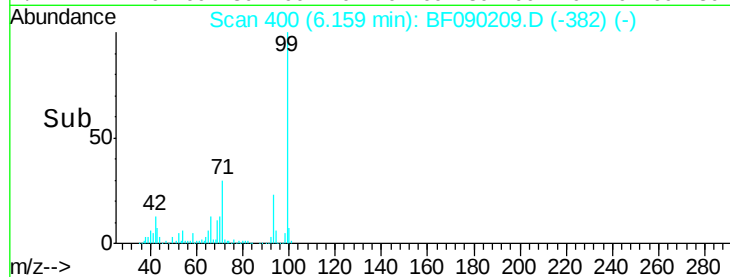
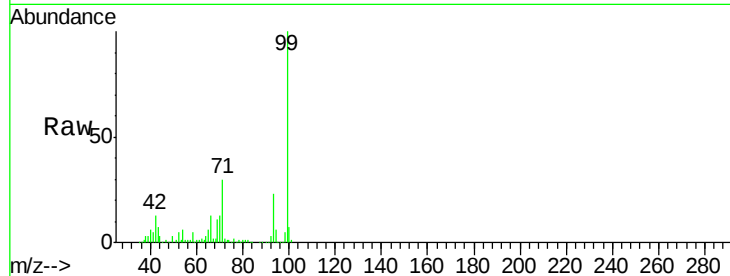
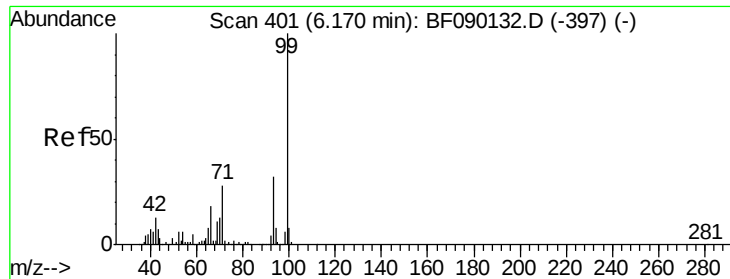
Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion:	93	Resp:	306604
Ion Ratio	Lower	Upper	
93	100		
66	57.5	54.2	81.2
65	24.3	33.8	50.6#





#7

Phenol-d6

Concen: 115.18 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tot Ion: 99 Resp: 1080393

Ion Ratio Lower Upper

99 100

42 13.5 10.6 15.8

71 30.2 23.0 34.6

Instrument :

BNA_F

ClientSampleId :

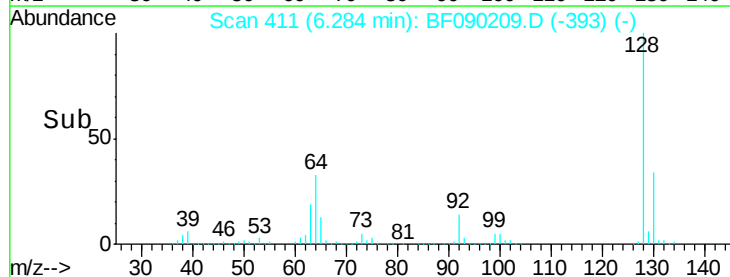
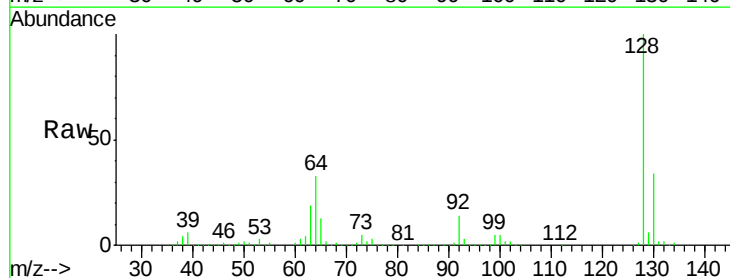
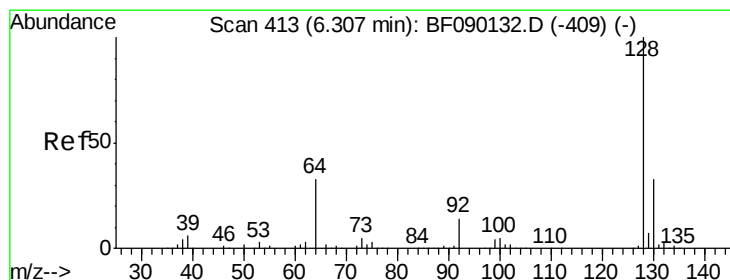
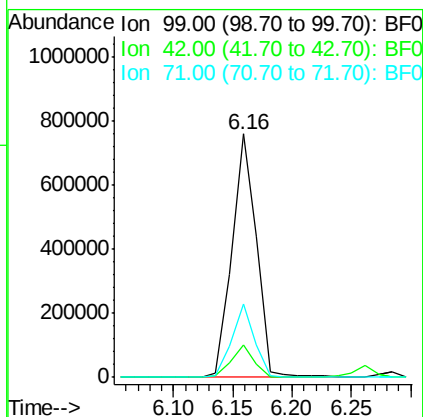
TRACK-D-GRID-17BMSD

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#8

2-Chlorophenol

Concen: 39.42 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

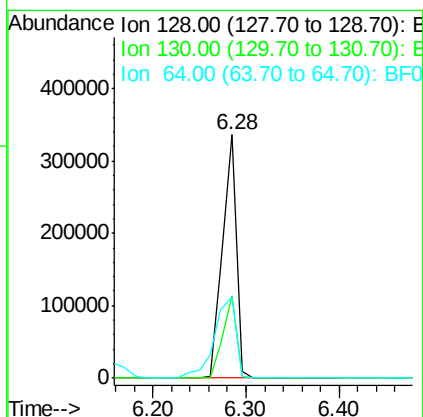
Tgt Ion: 128 Resp: 344477

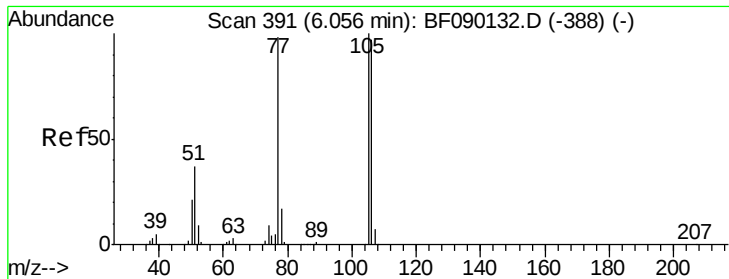
Ion Ratio Lower Upper

128 100

130 33.9 12.0 52.0

64 33.5 33.6 73.6#





#9

Benzaldehyde

Concen: 7.92 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

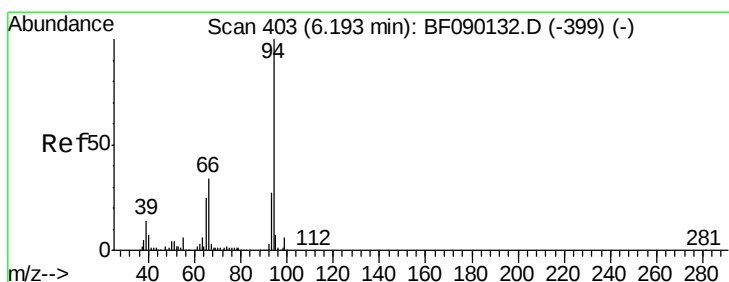
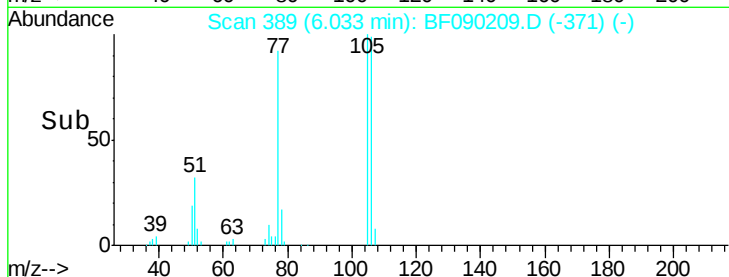
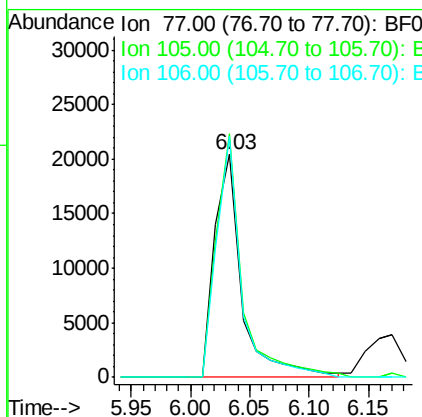
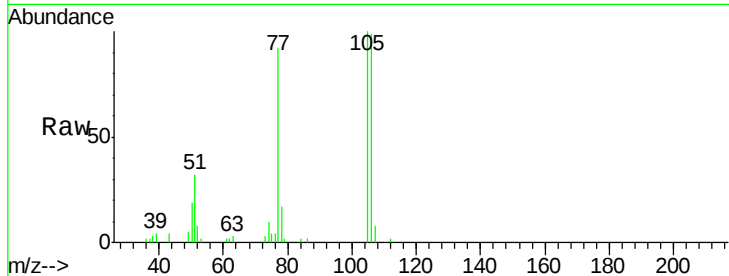
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	109.2	83.0	123.0		
106	108.0	78.5	118.5		

Manual Integrations
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#10

Phenol

Concen: 31.87 ng

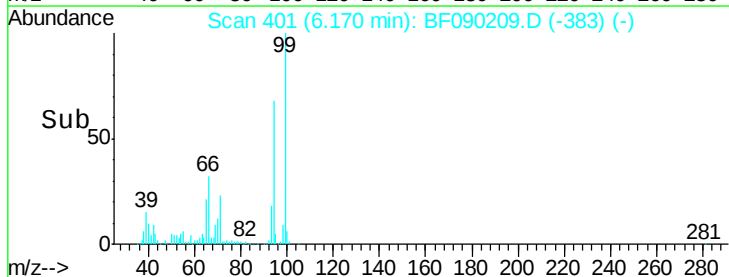
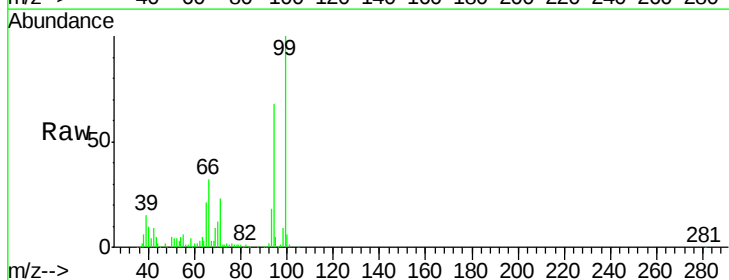
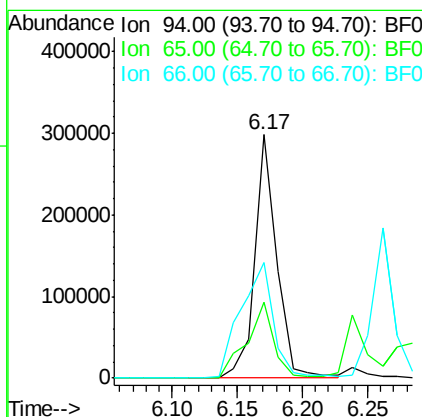
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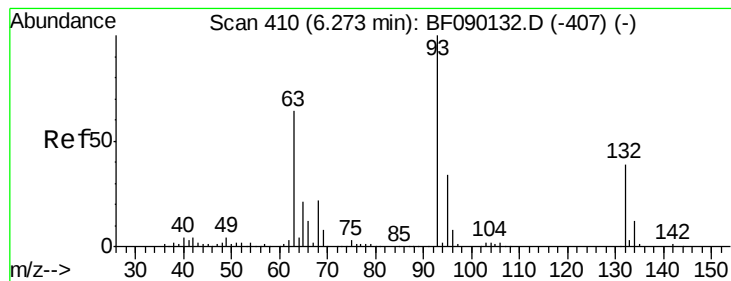
Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.3	20.6	60.6		
66	47.5	45.1	85.1		





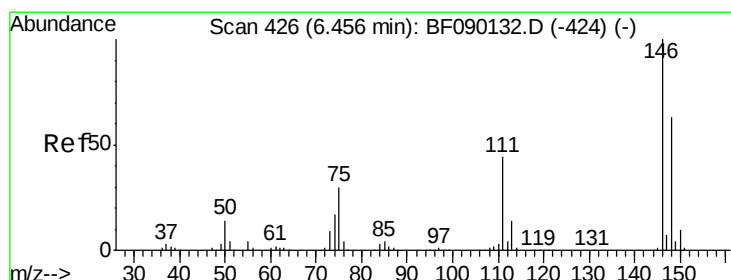
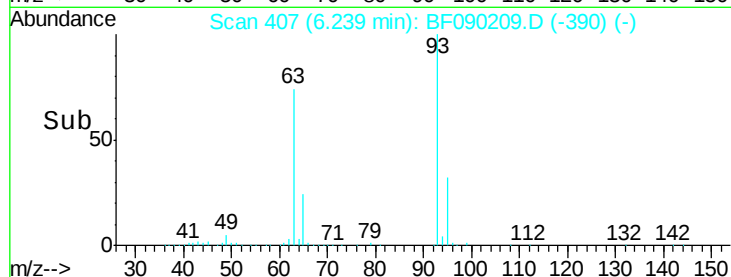
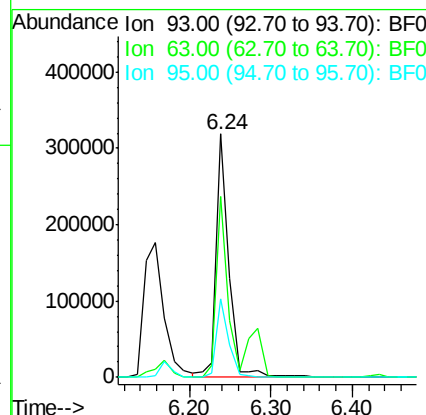
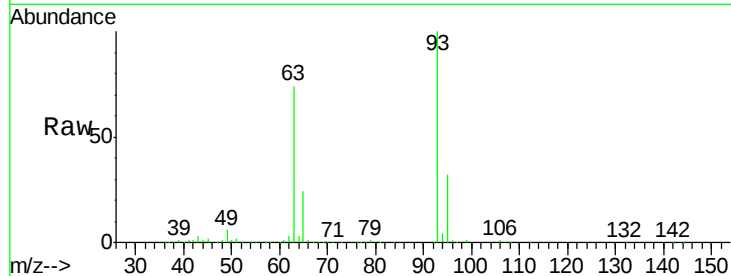
#11
bis(2-Chloroethyl)ether
Concen: 39.91 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	345087		
63	74.2	55.6	95.6	
95	32.0	12.6	52.6	

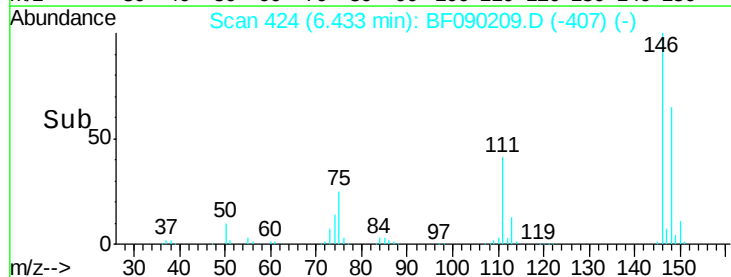
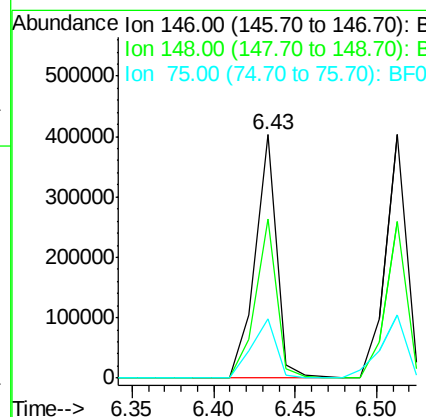
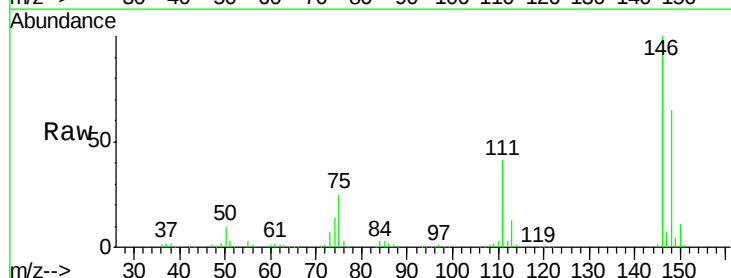
Manual Integrations
APPROVED

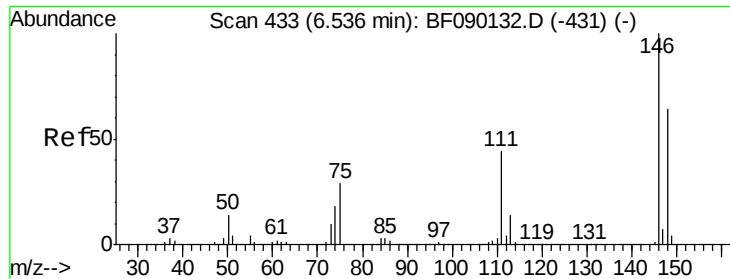
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#12
1,3-Dichlorobenzene
Concen: 40.50 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	369714		
148	65.4	51.9	77.9	
75	24.6	22.8	34.2	





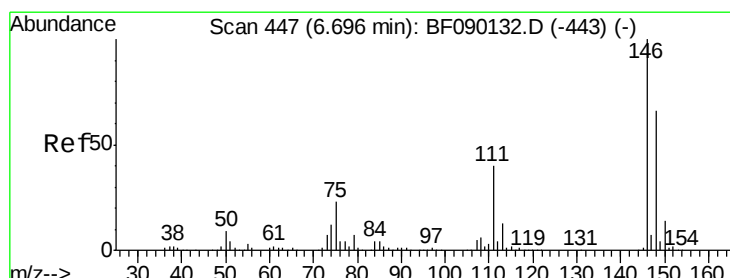
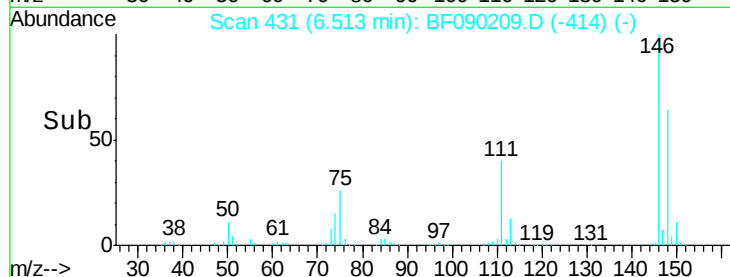
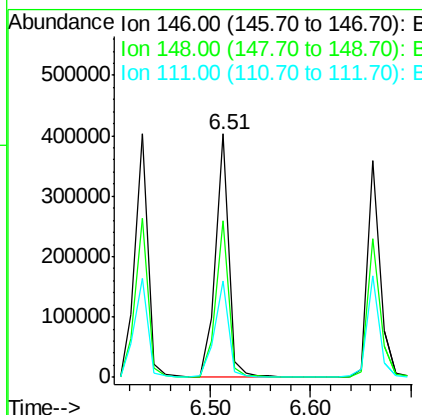
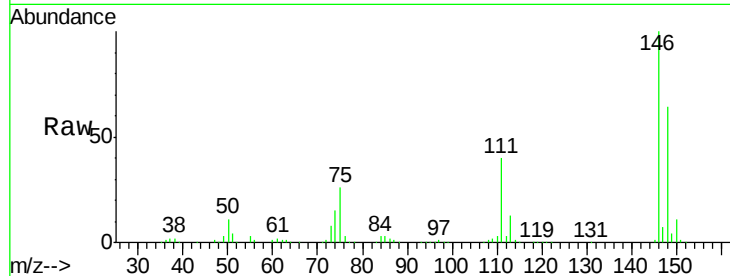
#13
 1,4-Dichlorobenzene
 Concen: 39.73 ng
 RT: 6.51 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	39.6	33.8	50.6

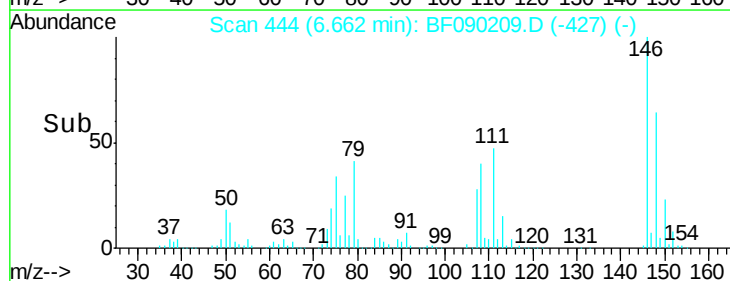
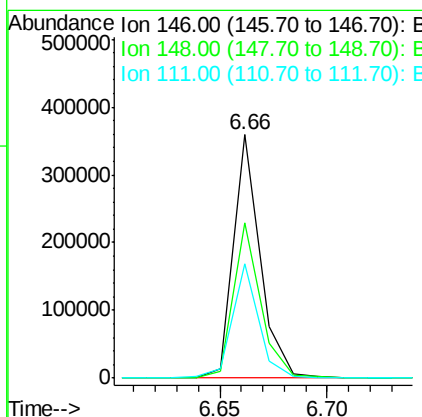
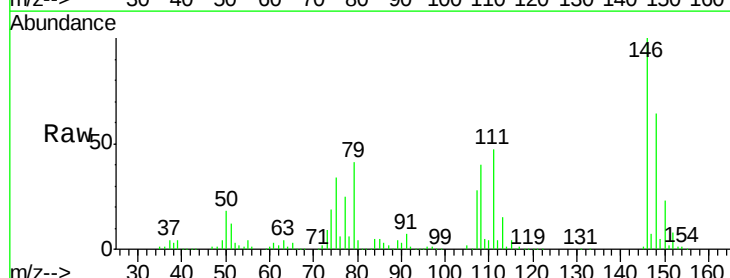
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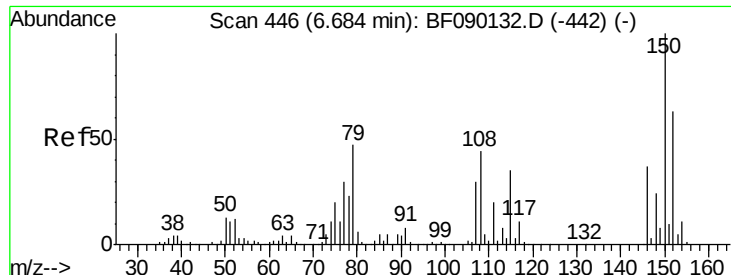
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#14
 1,2-Dichlorobenzene
 Concen: 38.04 ng m
 RT: 6.66 min Scan# 444
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.6	79.0
111	47.0	28.2	42.2





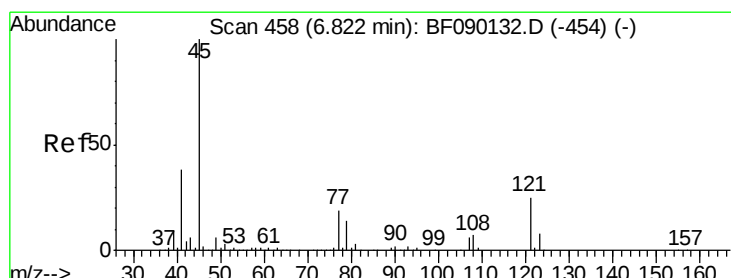
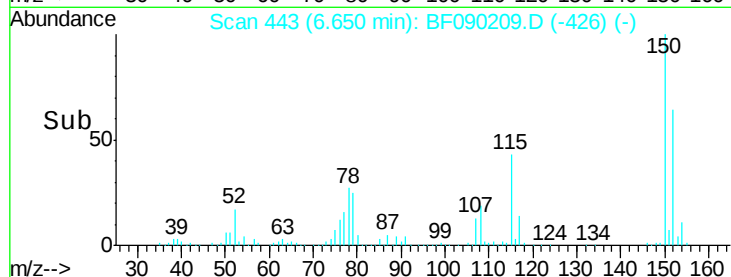
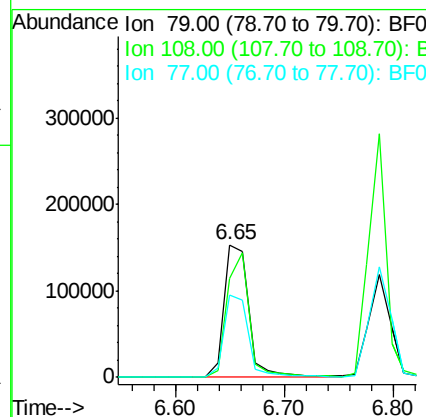
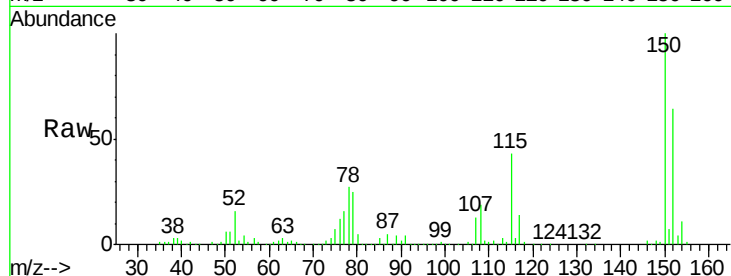
#15
Benzyl Alcohol
Concen: 43.78 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.0	62.2	93.4
77	62.4	51.4	77.0

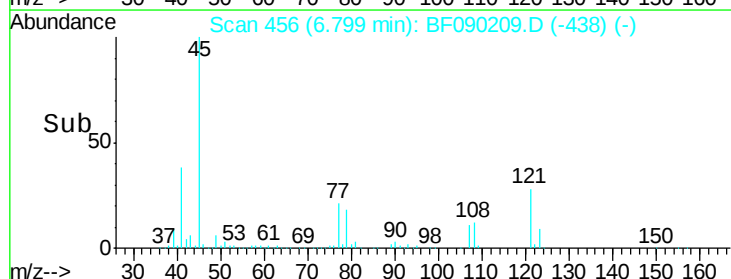
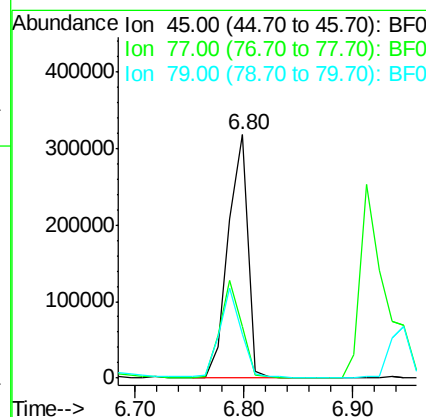
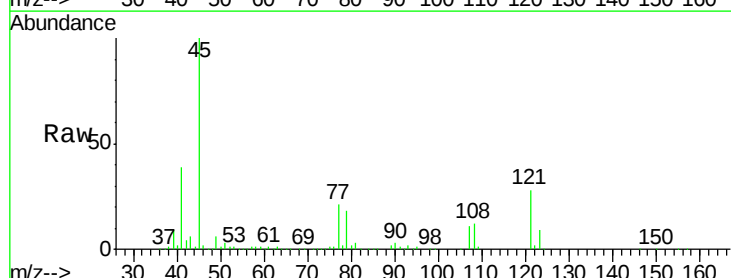
Manual Integrations
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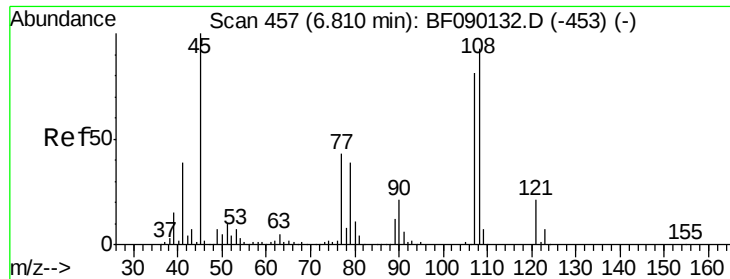
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.48 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.0	0.5	40.5
79	18.0	0.0	37.0





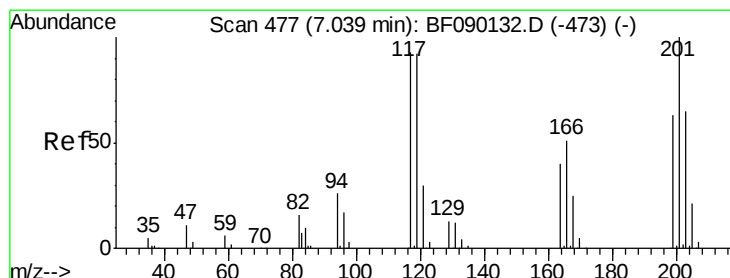
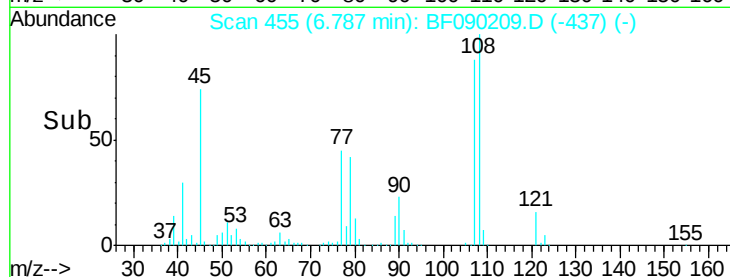
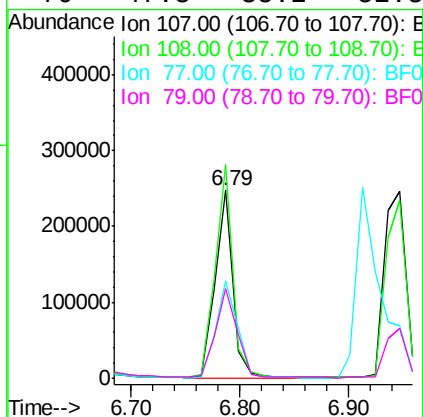
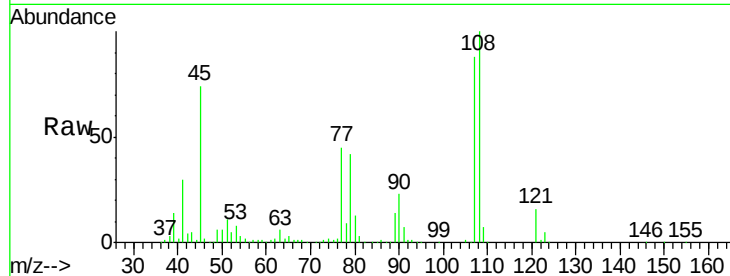
#17
2-Methylphenol
Concen: 41.40 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion:	107	Resp:	284976
Ion Ratio	Lower	Upper	
107	100		
108	113.6	92.0	138.0
77	51.5	35.6	53.4
79	47.8	35.2	52.8

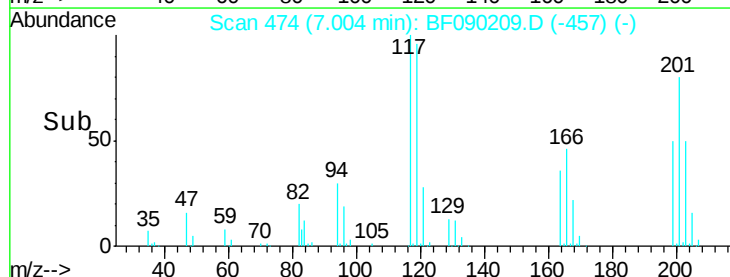
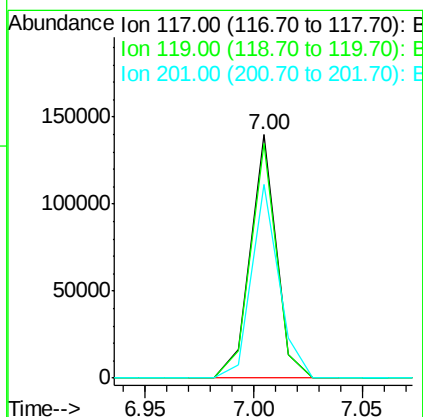
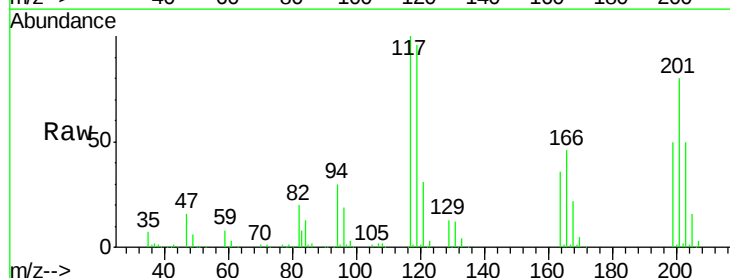
Manual Integrations
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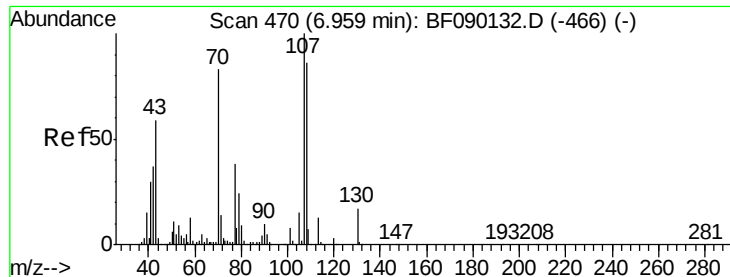
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#18
Hexachloroethane
Concen: 34.94 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion:	117	Resp:	116184
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.6	115.0
201	79.7	55.5	83.3





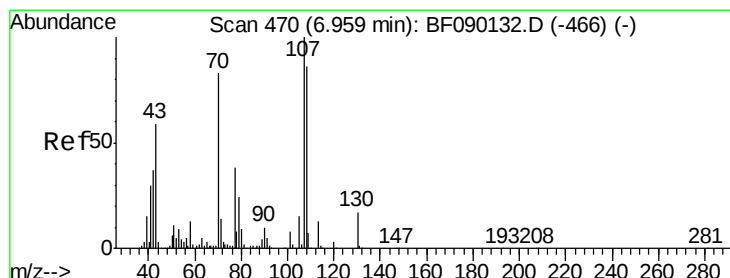
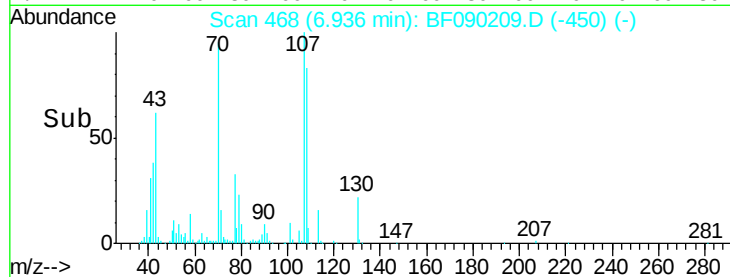
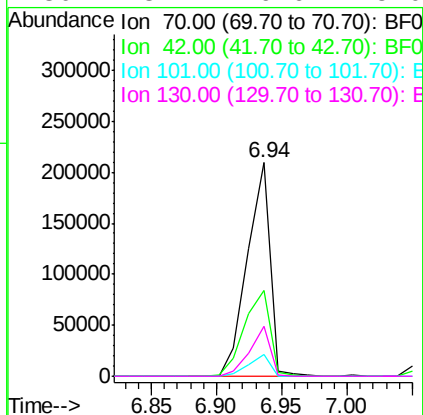
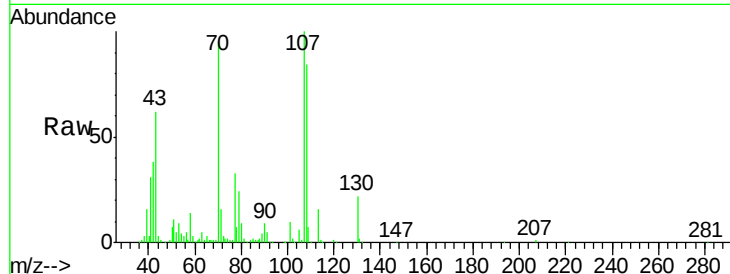
#19
n-Nitroso-di-n-propylamine
Concen: 46.29 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.01 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		255069		
42	40.3	35.1	52.7		
101	10.1	7.5	11.3		
130	23.4	16.6	25.0		

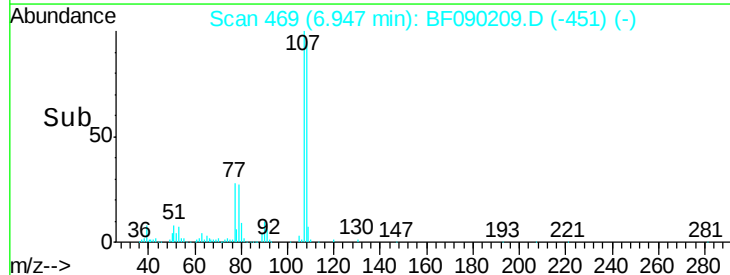
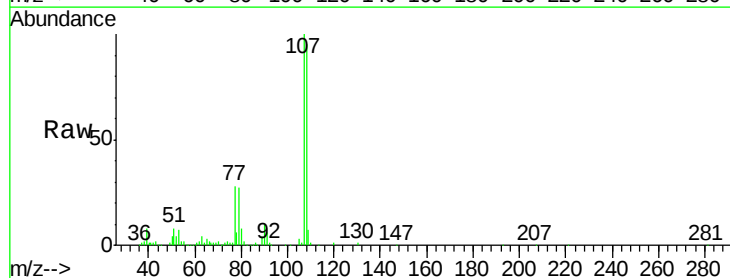
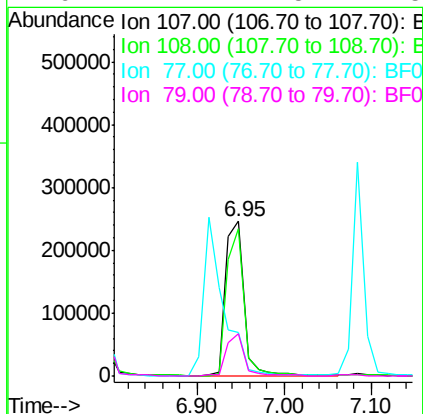
Manual Integrations
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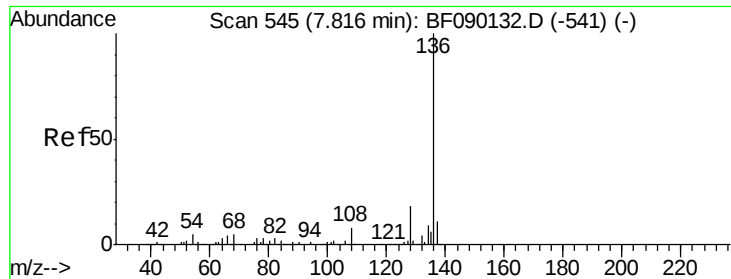
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#20
3+4-Methylphenols
Concen: 43.83 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		362248		
108	95.2	73.3	113.3		
77	28.1	14.1	54.1		
79	27.1	7.5	47.5		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

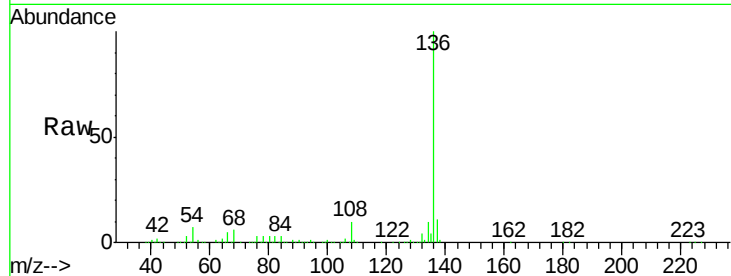
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	471650		
137	11.1		9.0	13.4
54	7.0		6.4	9.6
68	6.4		6.3	9.5

Manual Integrations
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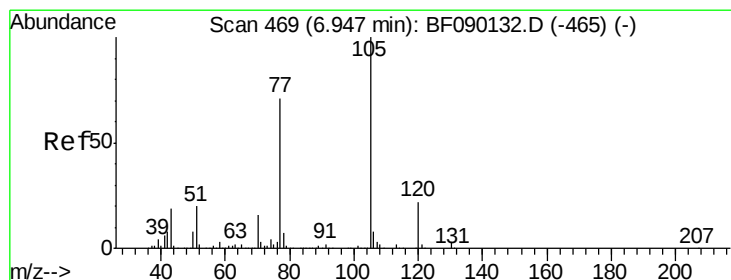
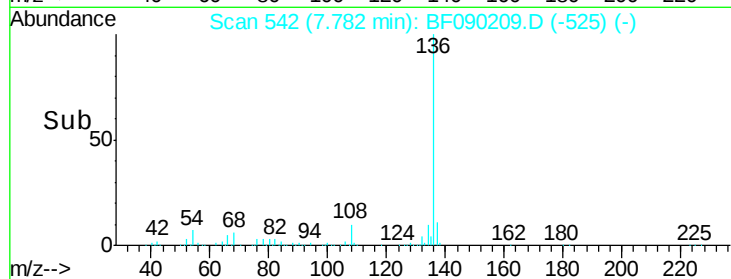
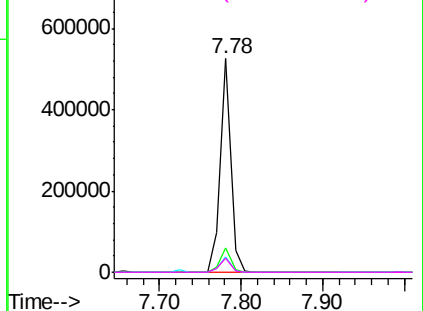


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.37 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

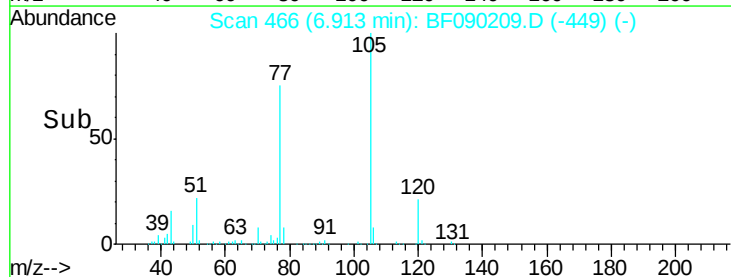
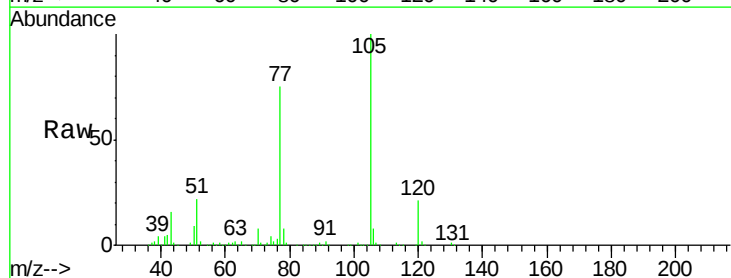
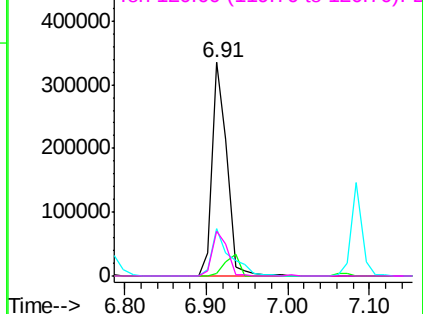
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	424986		
71	1.4		4.1	6.1#
51	22.3		16.2	24.2
120	21.1		18.2	27.2

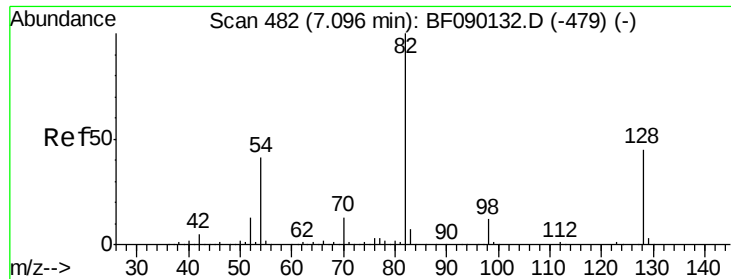
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





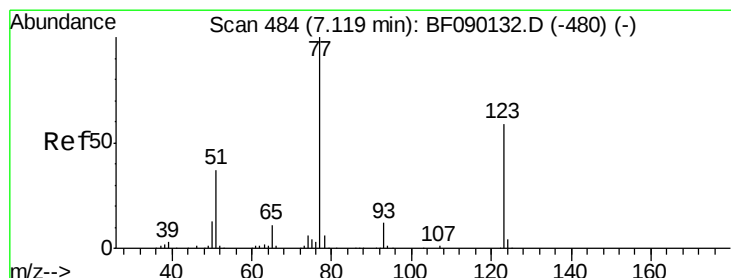
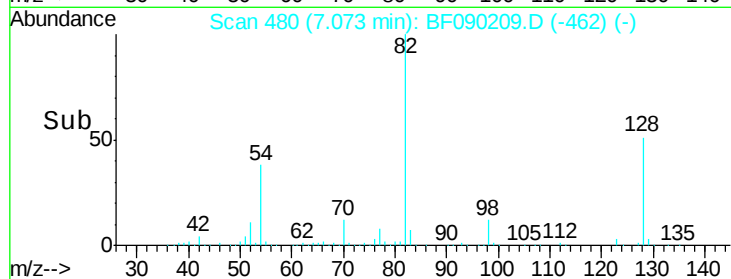
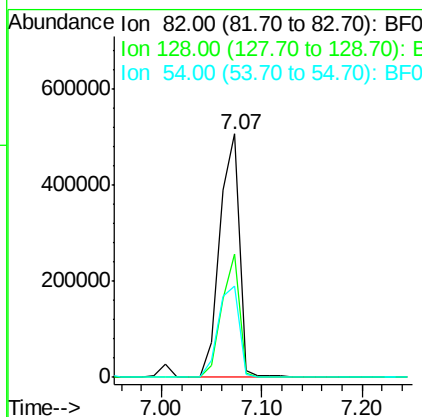
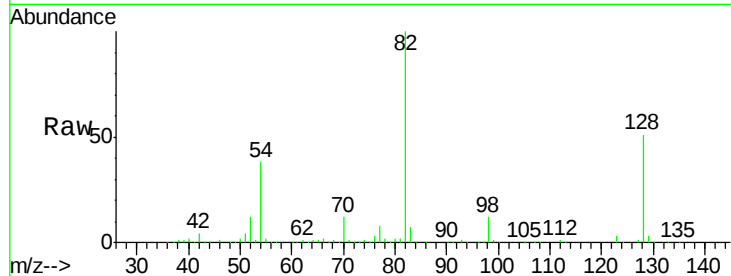
#23
Nitrobenzene-d5
Concen: 84.42 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	686829		
128	50.8		37.5	56.3
54	37.7		31.9	47.9

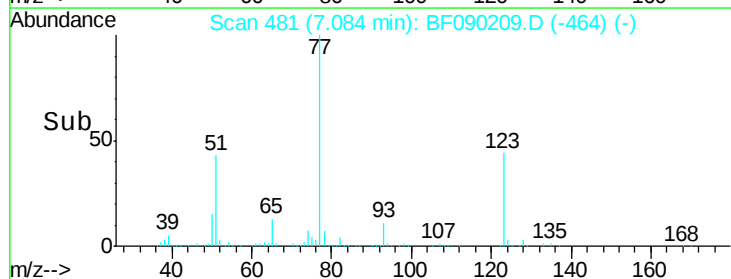
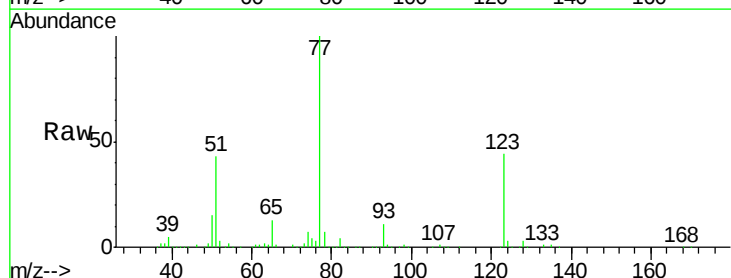
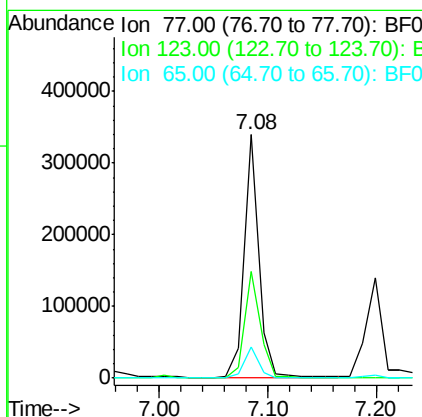
Manual Integrations
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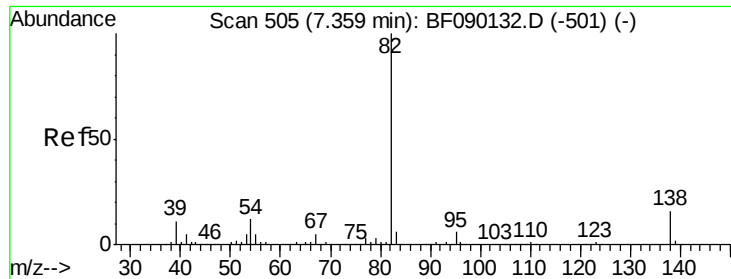
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#24
Nitrobenzene
Concen: 36.78 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	311837		
123	43.7		33.4	50.2
65	12.6		10.1	15.1





#25

Isophorone

Concen: 39.79 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

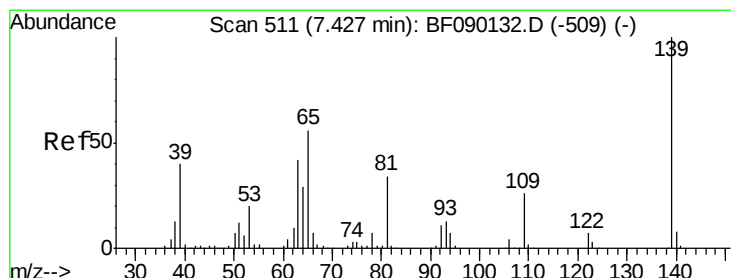
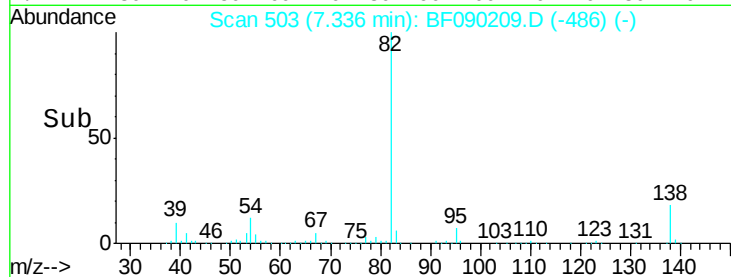
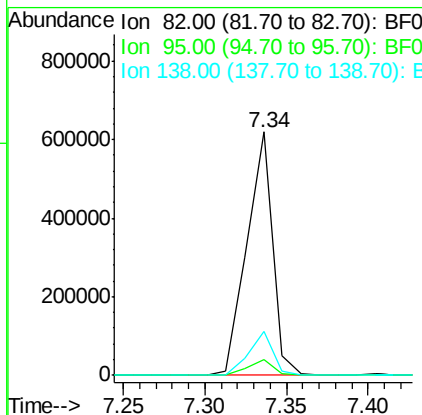
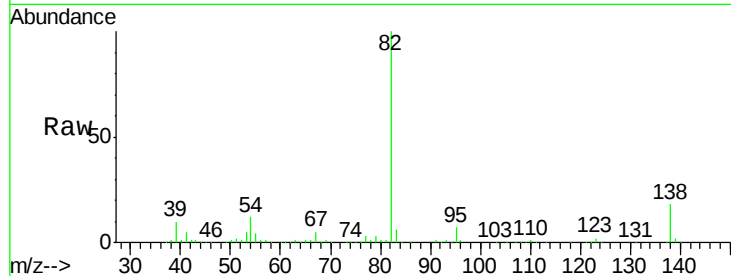
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion:	82	Resp:	676443
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.1	7.7
138	18.2	13.5	20.3

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#26

2-Nitrophenol

Concen: 39.55 ng

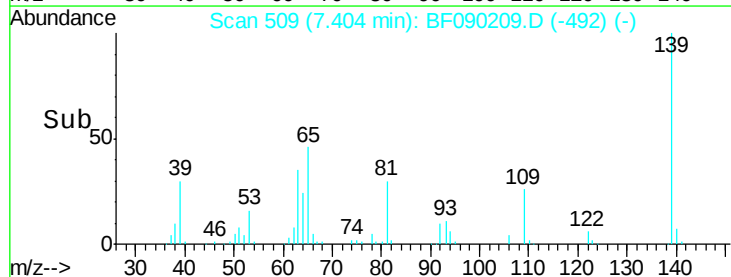
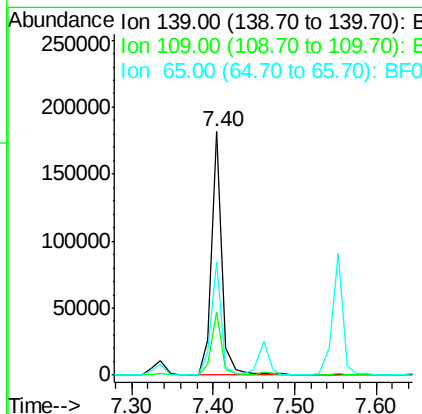
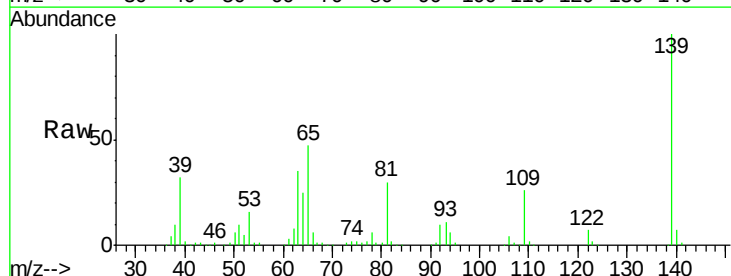
RT: 7.40 min Scan# 509

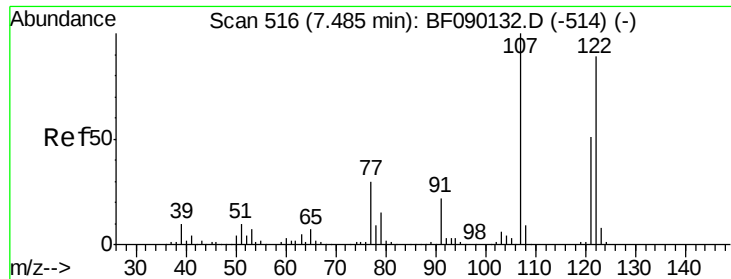
Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion:	139	Resp:	165106
Ion Ratio	Lower	Upper	
139	100		
109	25.7	20.5	30.7
65	46.6	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 37.33 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

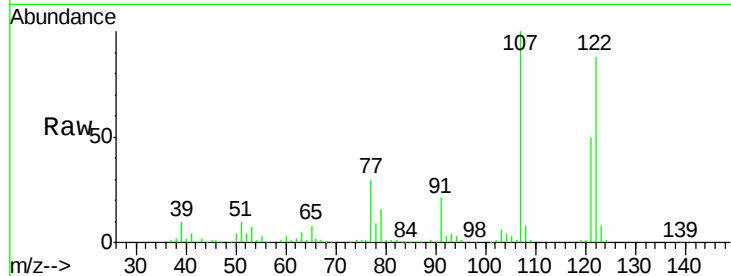
ClientSampleId :

TRACK-D-GRID-17BMSD

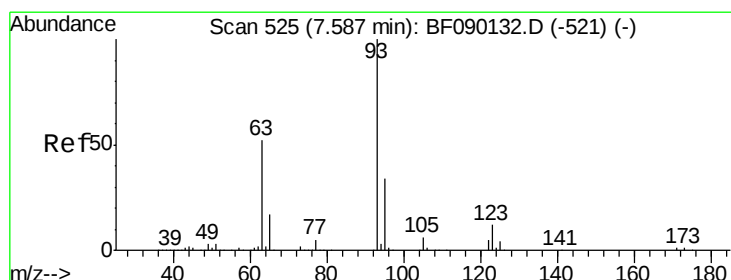
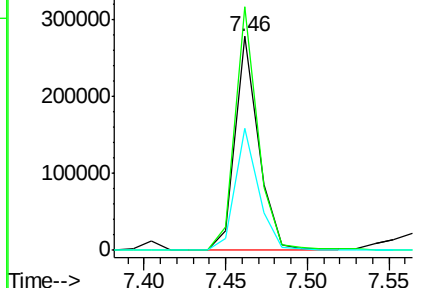
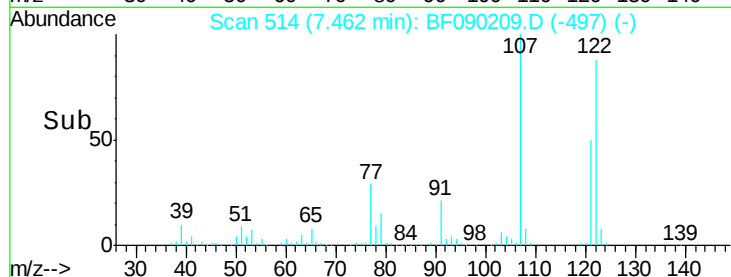
Tot Ion:	122	Resp:	276892
Ion Ratio	Lower	Upper	
122	100		
107	113.8	87.8	131.6
121	56.9	45.7	68.5

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.12 ng

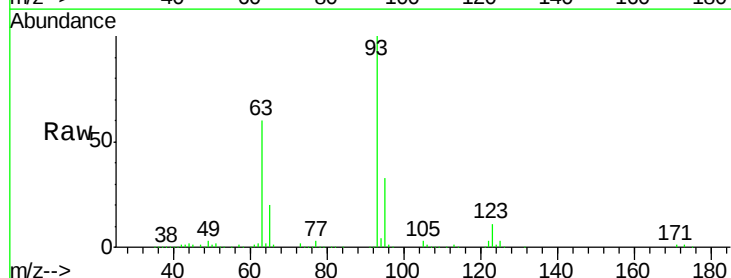
RT: 7.55 min Scan# 522

Delta R.T. -0.00 min

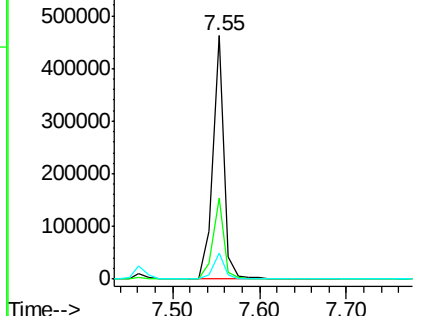
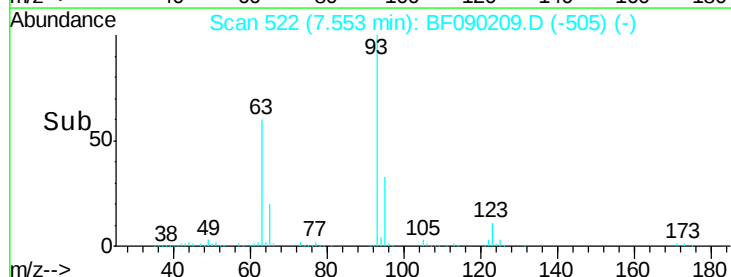
Lab File: BF090209.D

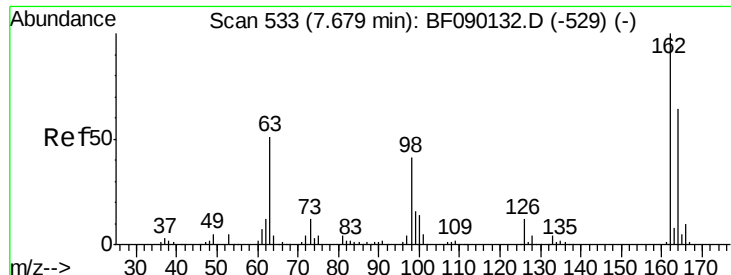
Acq: 23 Sep 2016 20:33

Tgt Ion:	93	Resp:	422817
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.8	40.2
123	10.6	8.5	12.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





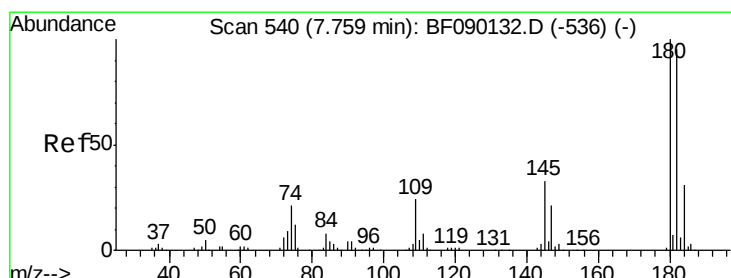
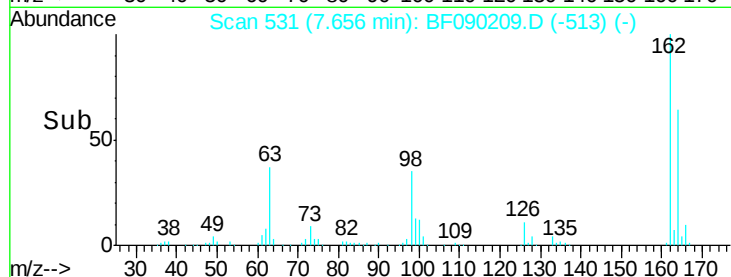
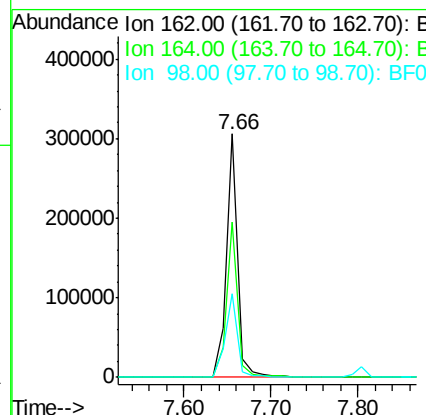
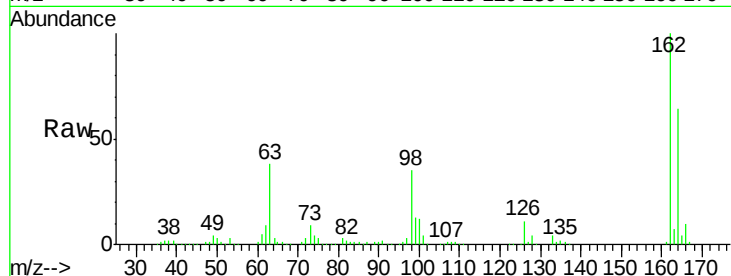
#29
 2,4-Dichlorophenol
 Concen: 43.41 ng
 RT: 7.66 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	46.2	86.2
98	34.6	10.4	50.4

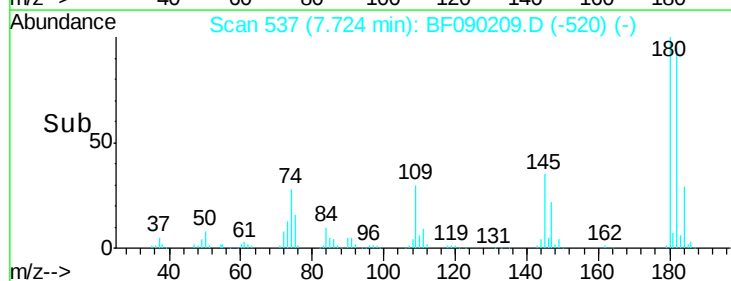
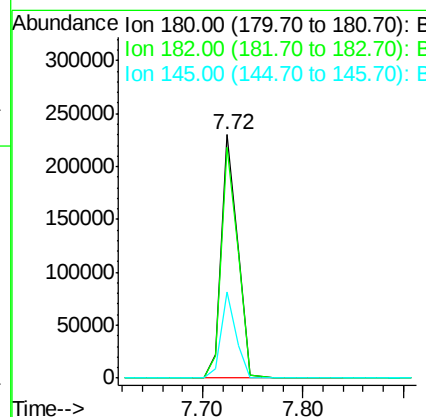
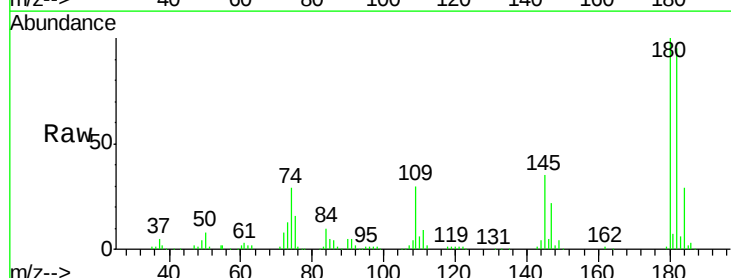
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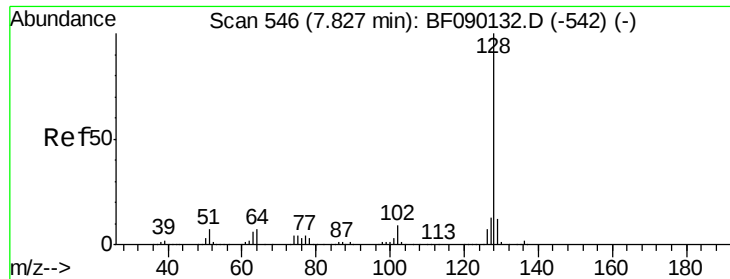
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.94 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	75.0	112.6
145	35.5	28.6	42.8





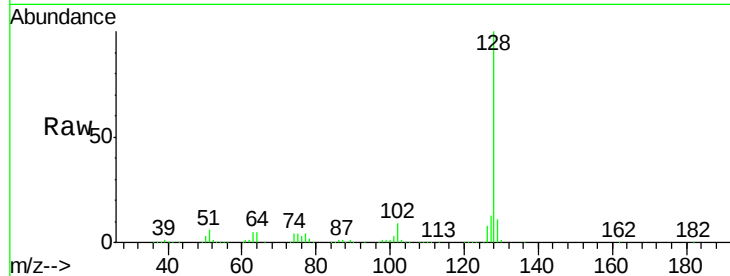
#31
Naphthalene
Concen: 43.73 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

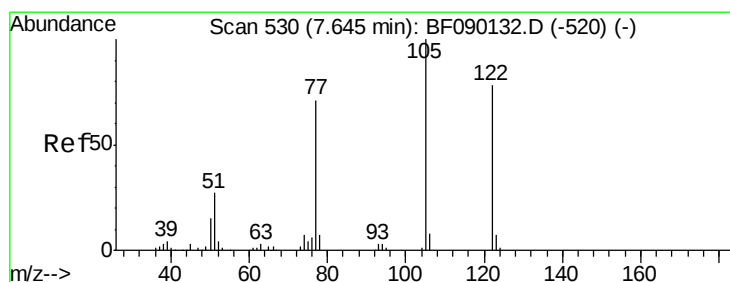
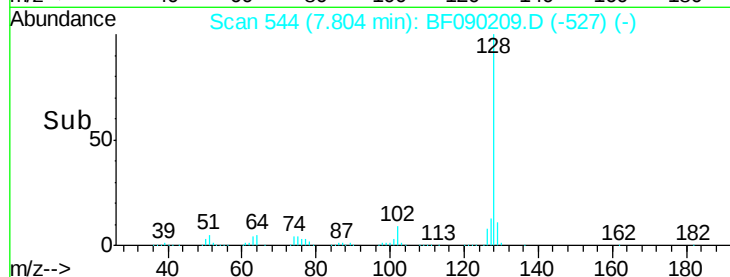
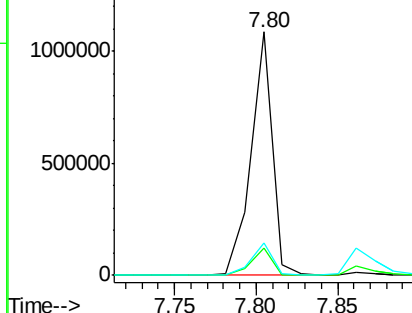
Tot Ion:	128	Resp:	982126
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.3	13.9
127	13.3	10.8	16.2

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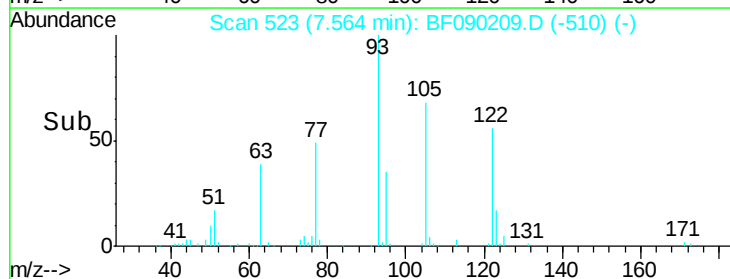
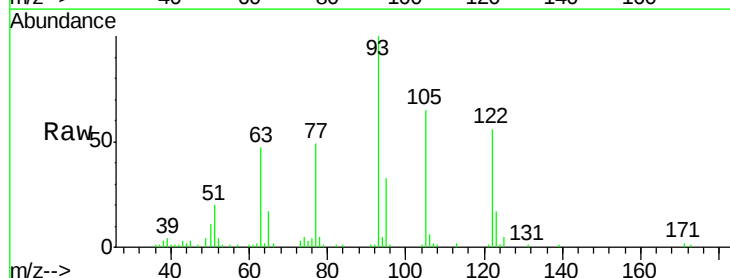
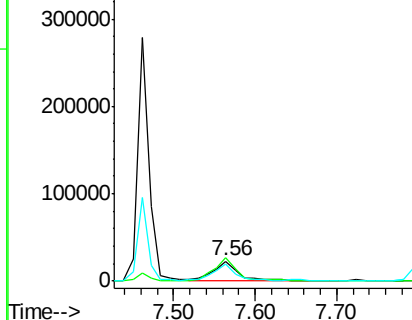
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

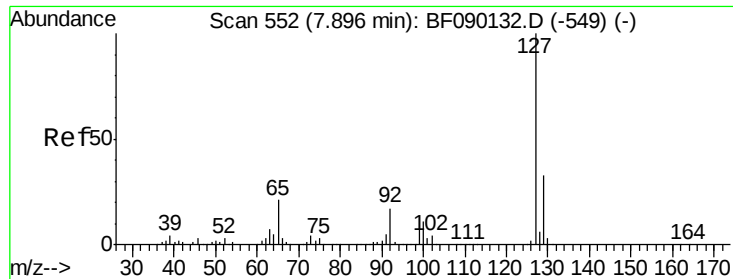


#32
Benzoic acid
Concen: 9.51 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion:	122	Resp:	48436
Ion Ratio	Lower	Upper	
122	100		
105	116.1	105.0	145.0
77	87.0	70.4	110.4

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





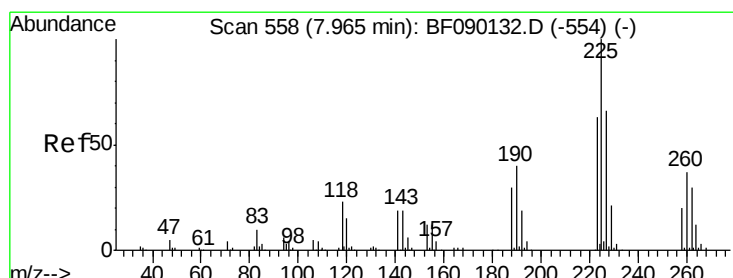
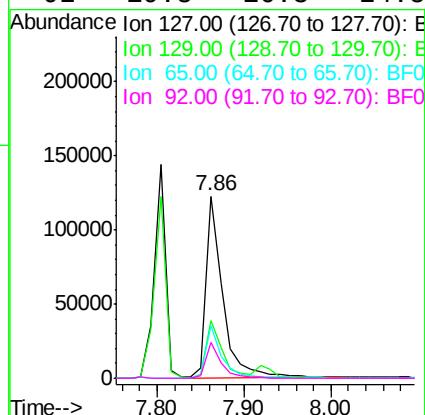
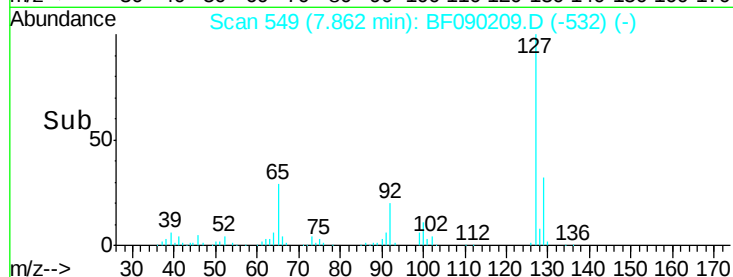
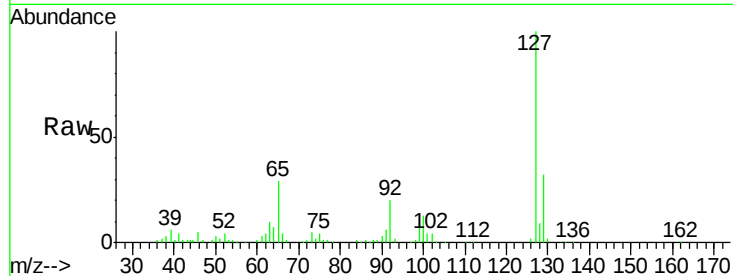
#33
4-Chloroaniline
Concen: 17.58 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.8	38.6		
65	28.9	24.1	36.1		
92	19.8	16.3	24.5		

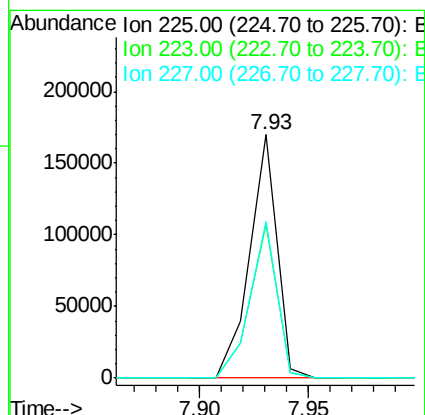
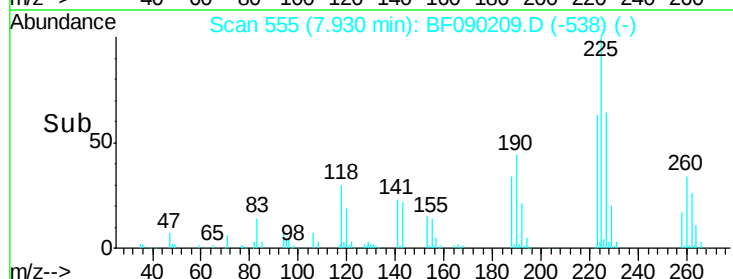
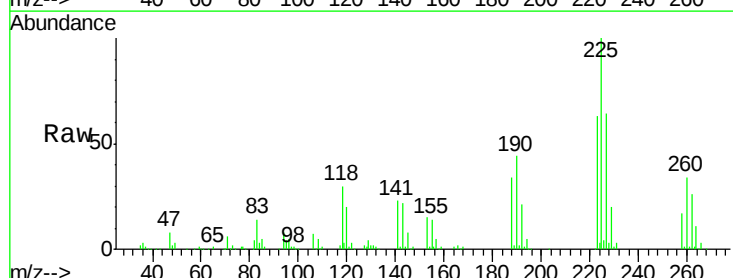
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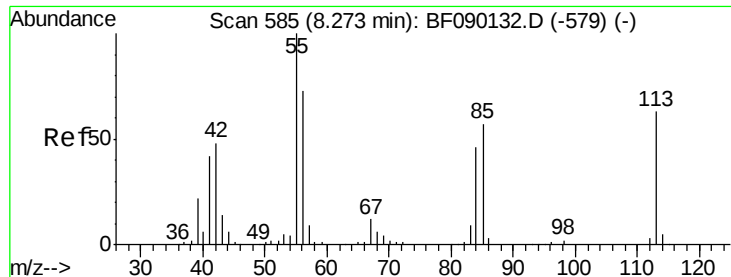
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#34
Hexachlorobutadiene
Concen: 43.20 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.3	76.9		
227	64.5	51.4	77.0		





#35

Caprolactam

Concen: 40.27 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF090209.D

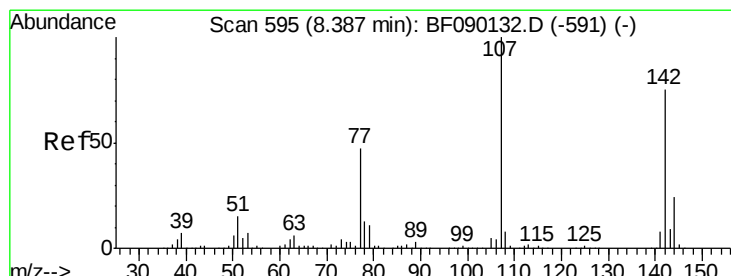
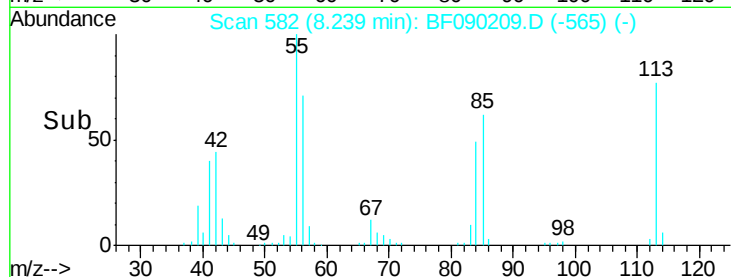
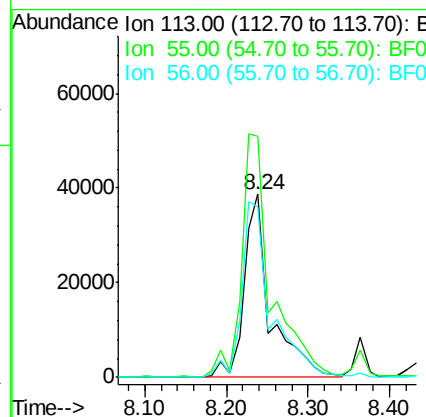
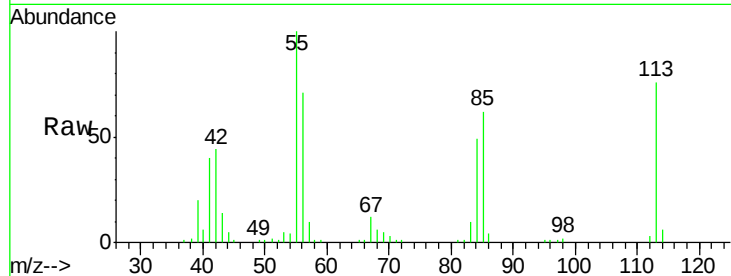
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	131.5	134.5	174.5#
56	93.0	93.7	133.7#

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#36

4-Chloro-3-methylphenol

Concen: 38.70 ng

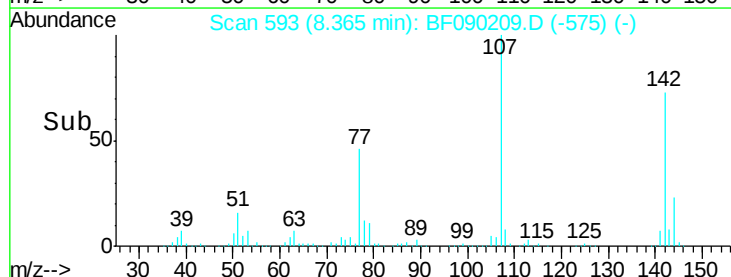
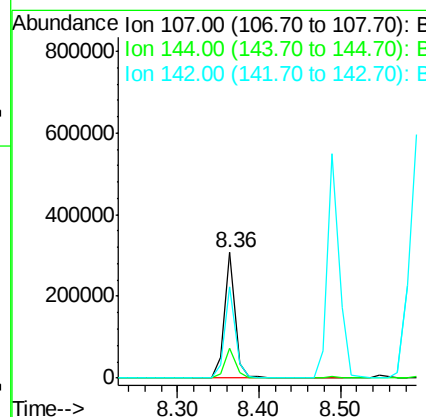
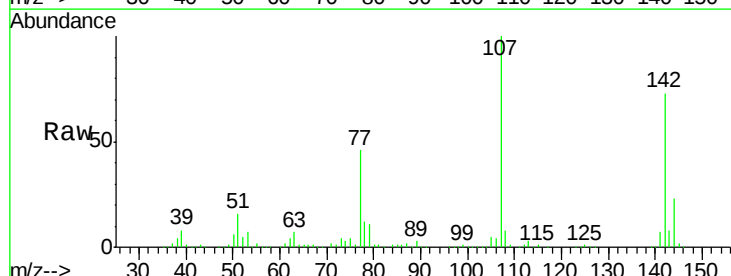
RT: 8.36 min Scan# 593

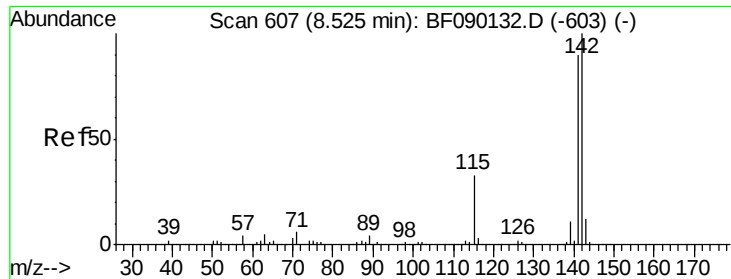
Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	18.6	27.8
142	72.9	57.0	85.6





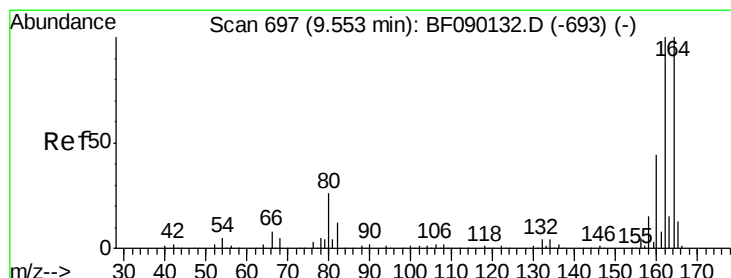
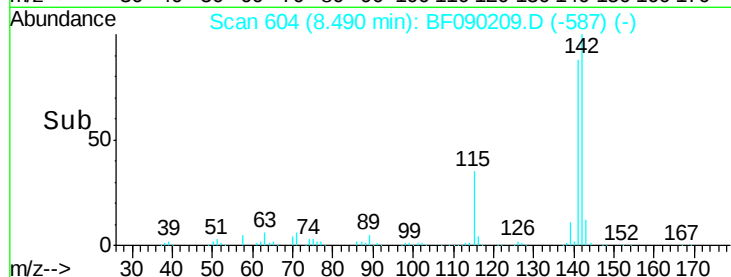
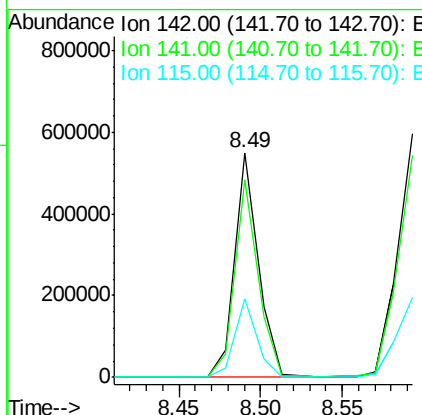
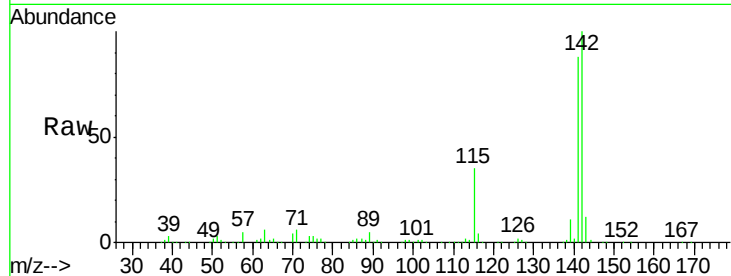
#37
2-Methylnaphthalene
Concen: 39.23 ng
RT: 8.49 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.4	107.2
115	34.8	28.3	42.5

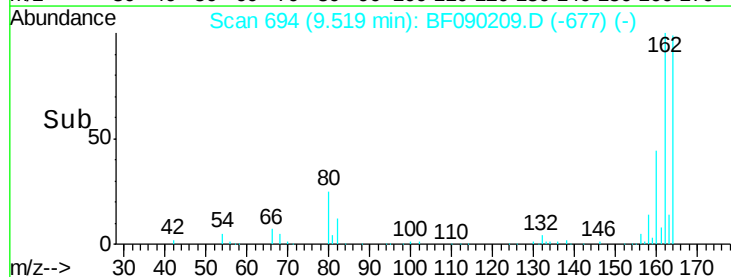
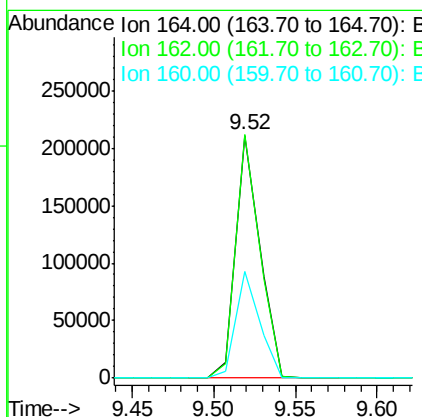
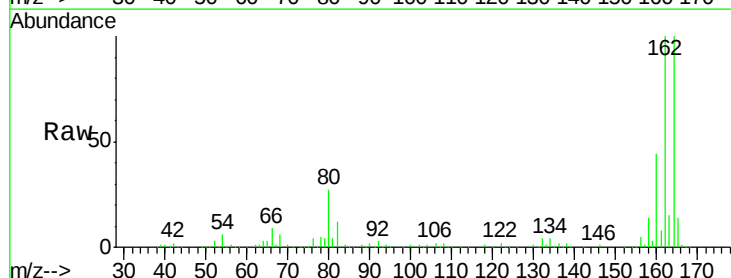
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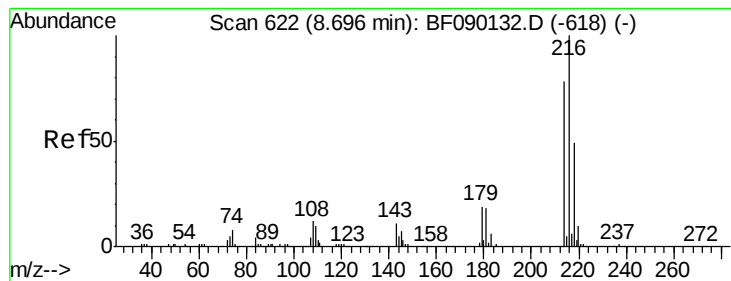
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.4	122.2
160	44.2	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.79 ng

RT: 8.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

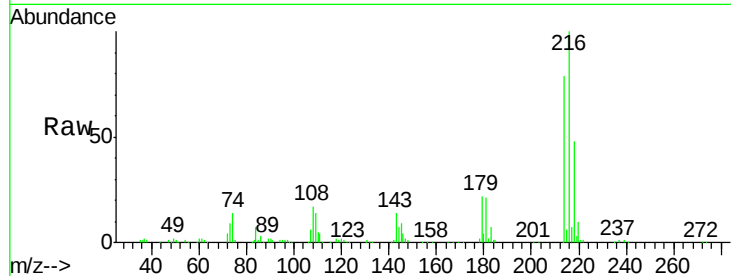
ClientSampleId :

TRACK-D-GRID-17BMSD

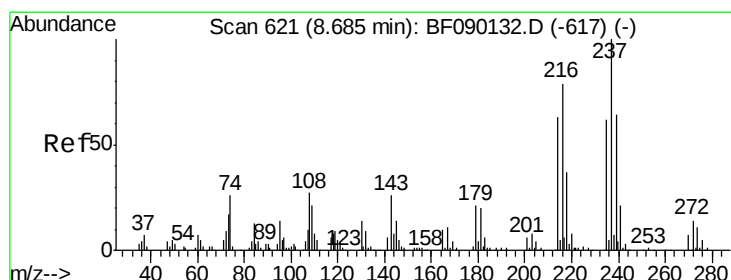
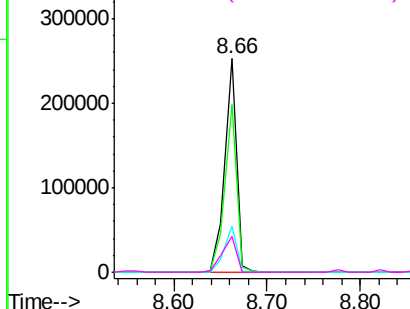
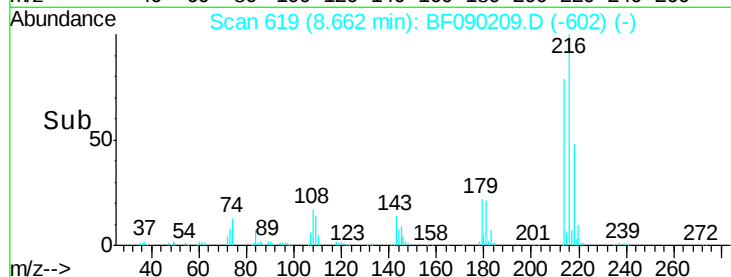
Tot Ion	Ratio	Resp	Lower	Upper
216	100	222101		
214	78.8	63.7	95.5	
179	22.3	18.5	27.7	
108	20.1	19.5	29.3	

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



#40

Hexachlorocyclopentadiene

Concen: 27.73 ng

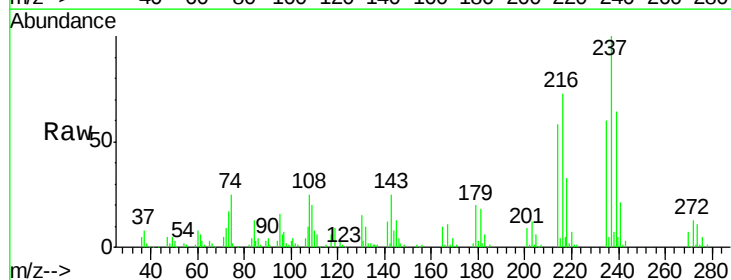
RT: 8.65 min Scan# 618

Delta R.T. -0.00 min

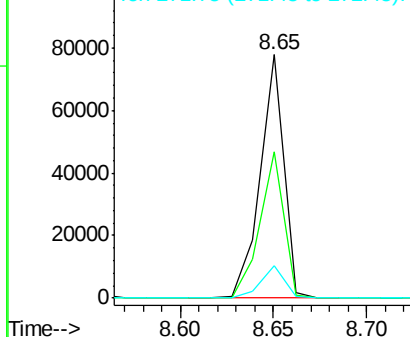
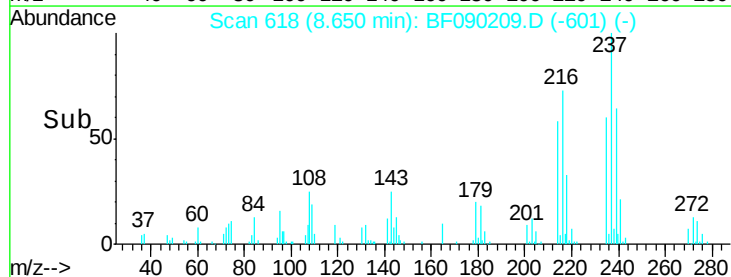
Lab File: BF090209.D

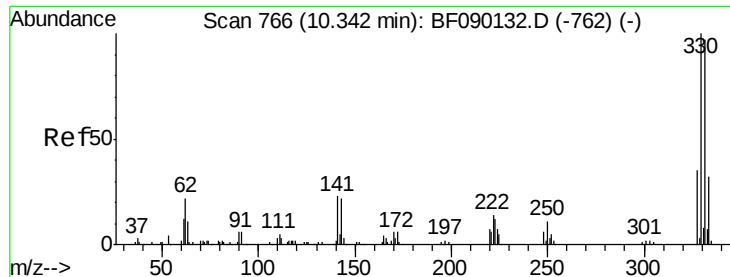
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	67854		
235	59.9	42.5	82.5	
272	13.4	0.0	32.0	



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





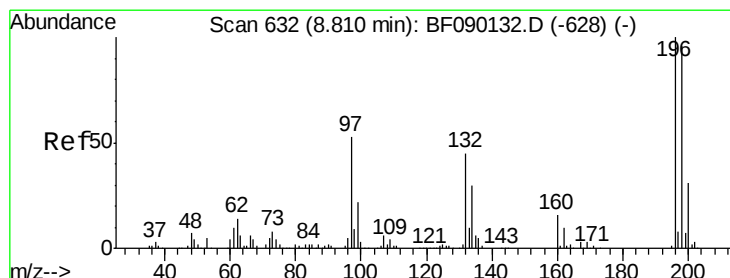
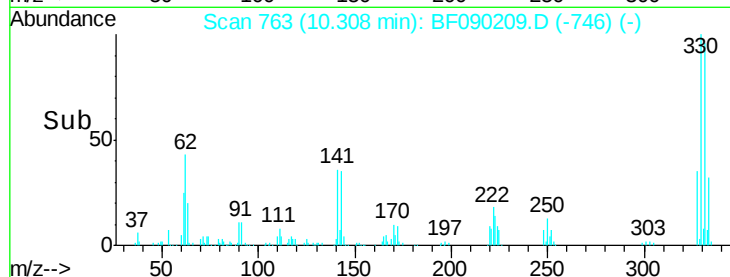
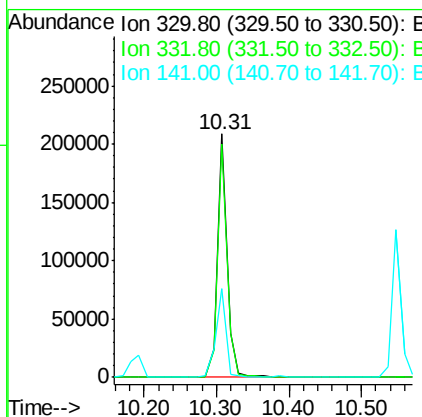
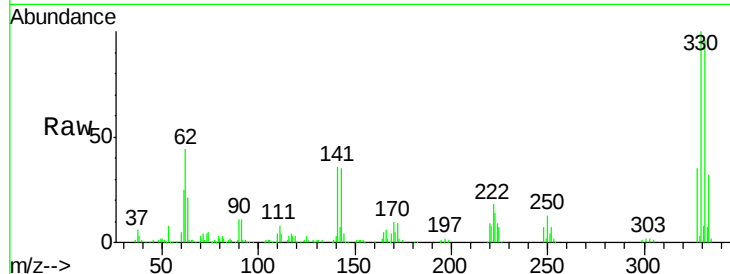
#41
 2,4,6-Tribromophenol
 Concen: 104.73 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	194108		
332	96.7	78.1	117.1	
141	38.2	23.9	35.9	

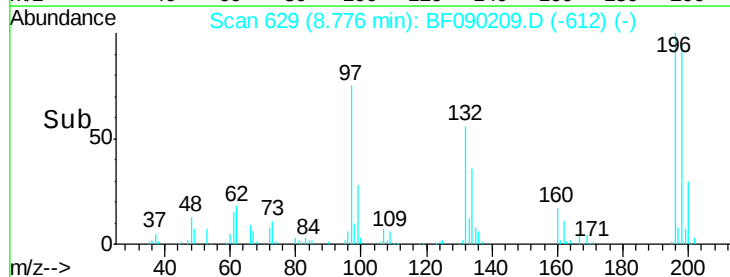
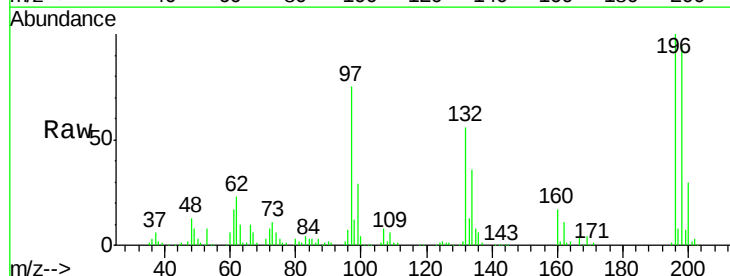
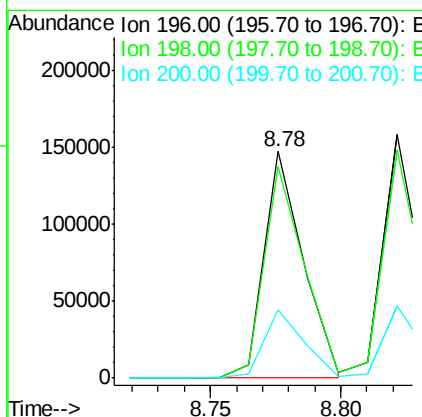
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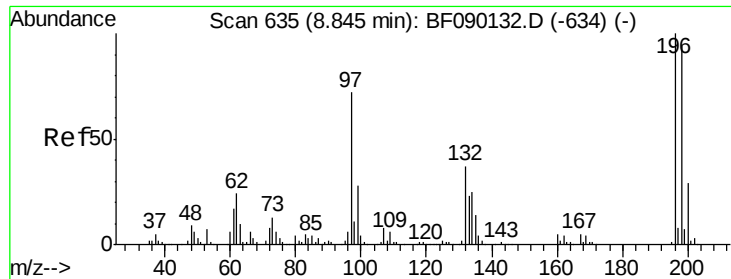
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#42
 2,4,6-Trichlorophenol
 Concen: 43.65 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154258		
198	93.7	76.3	114.5	
200	30.0	24.1	36.1	





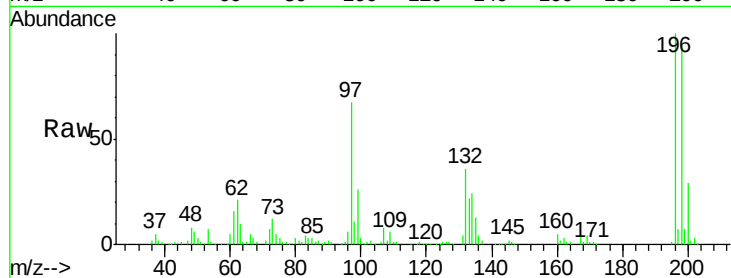
#43
 2,4,5-Trichlorophenol
 Concen: 42.95 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

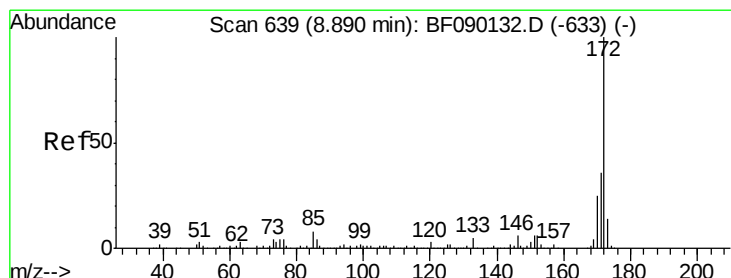
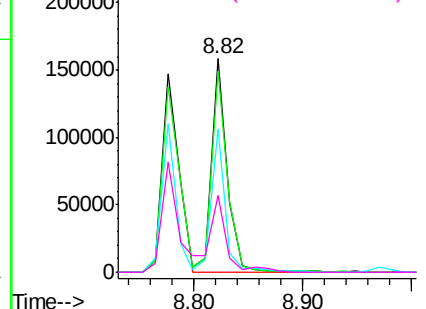
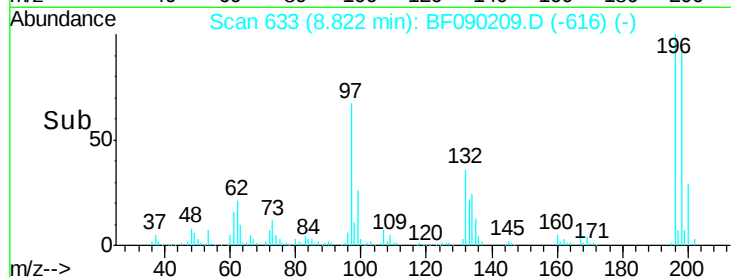
Tot Ion	Ratio	Resp	Lower	Upper
196	100	157158		
198	93.8	76.6	114.8	
97	67.3	34.4	51.6	#
132	35.9	22.2	33.2	#

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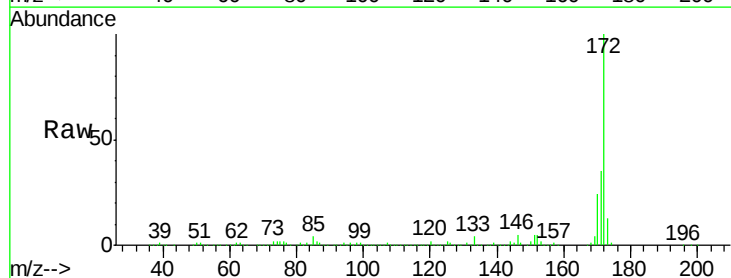


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

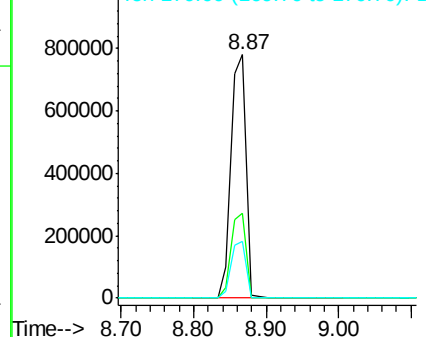
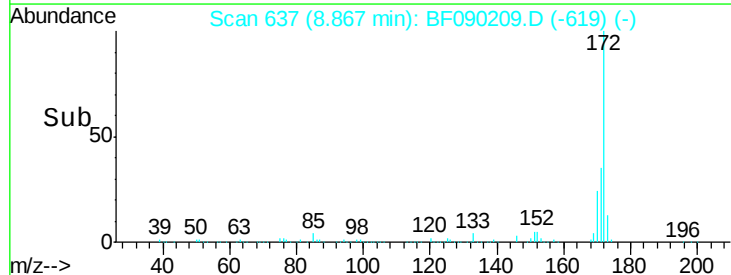


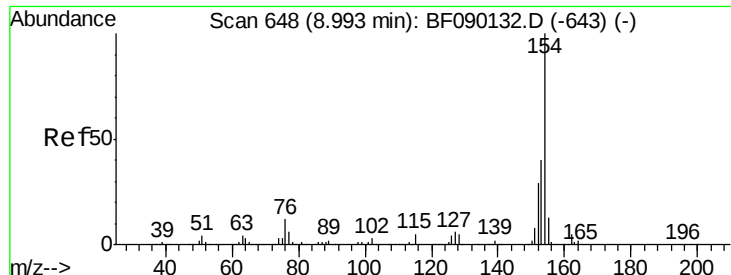
#44
 2-Fluorobiphenyl
 Concen: 101.15 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1113146		
171	34.9	29.2	43.8	
170	23.5	19.8	29.8	



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





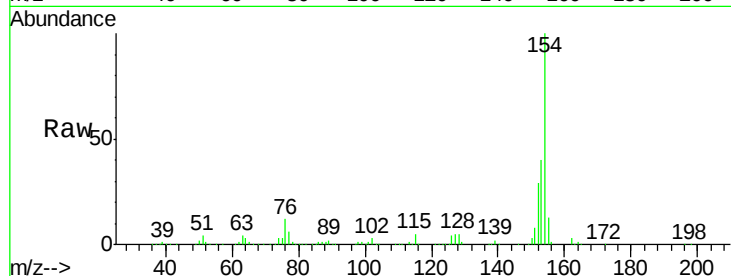
#45
 1,1'-Biphenyl
 Concen: 41.97 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

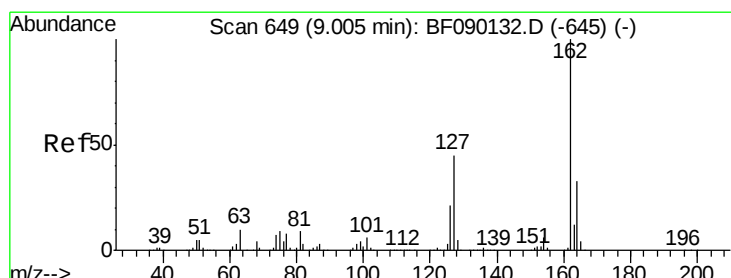
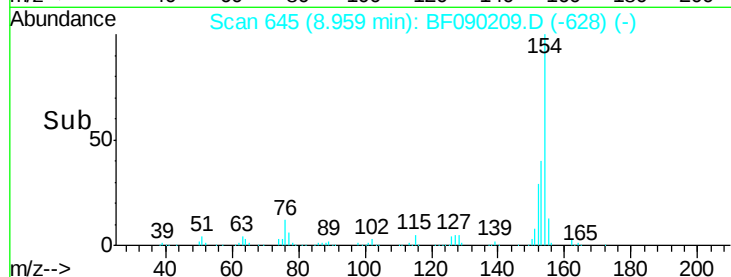
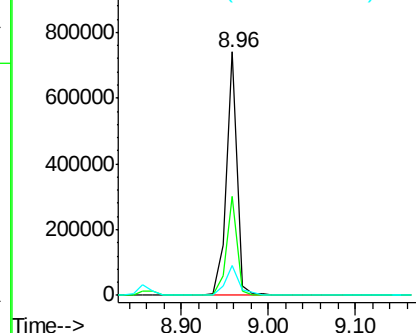
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	12.1	0.0	36.7

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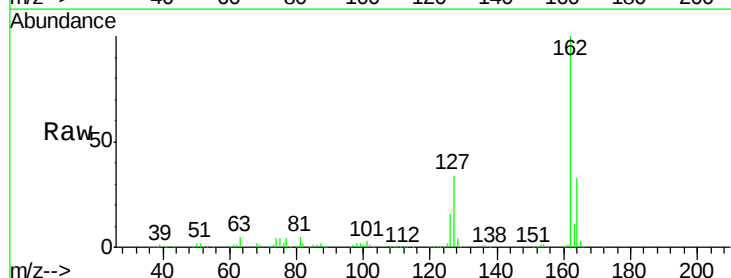


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

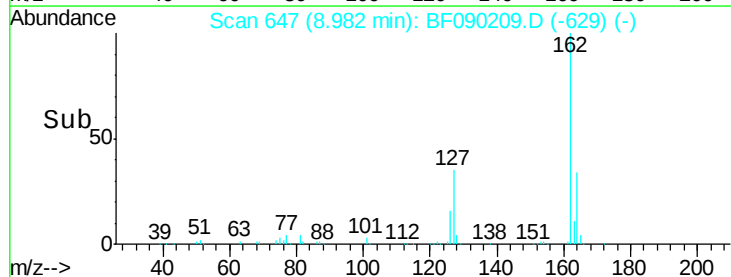
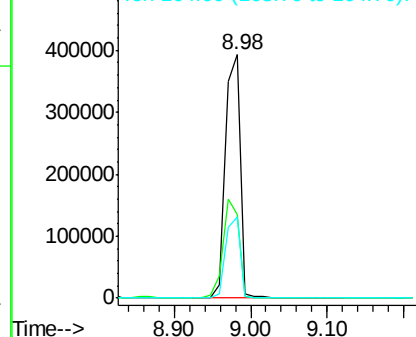


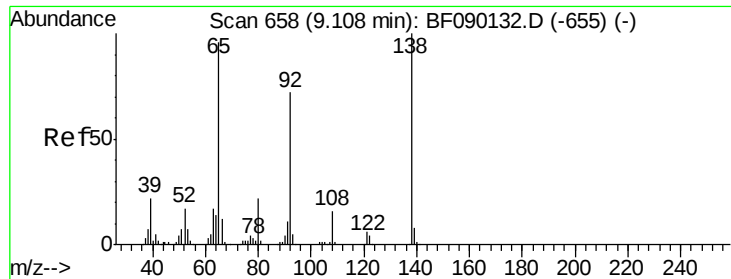
#46
 2-Chloronaphthalene
 Concen: 47.26 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.3	34.0	51.0
164	33.4	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





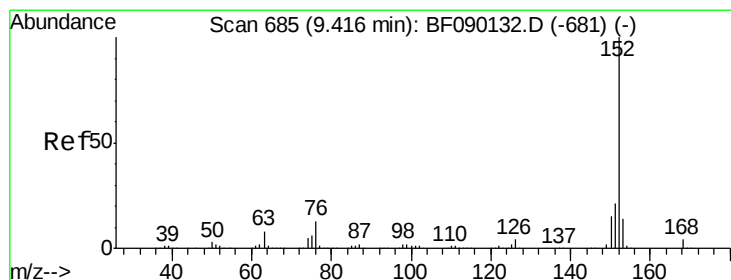
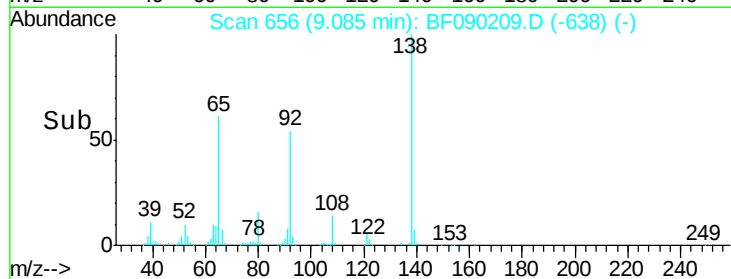
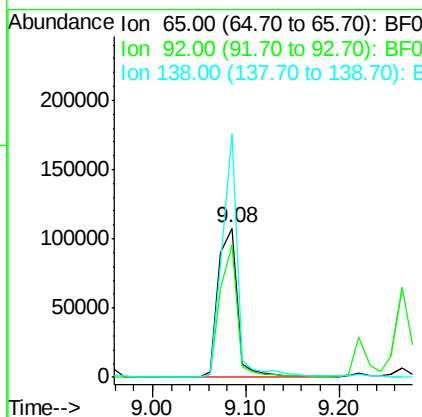
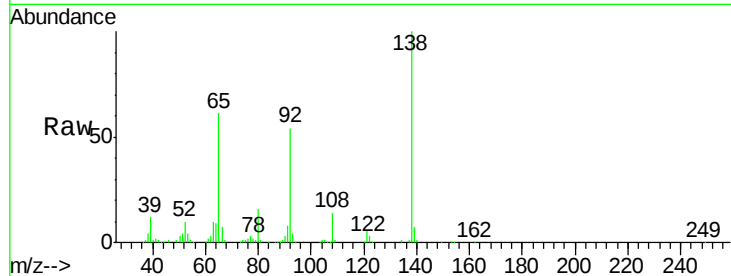
#47
2-Nitroaniline
Concen: 45.39 ng
RT: 9.08 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	88.4	66.1	99.1
138	163.1	104.1	156.1#

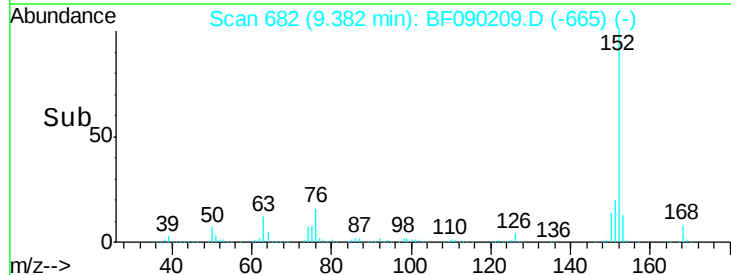
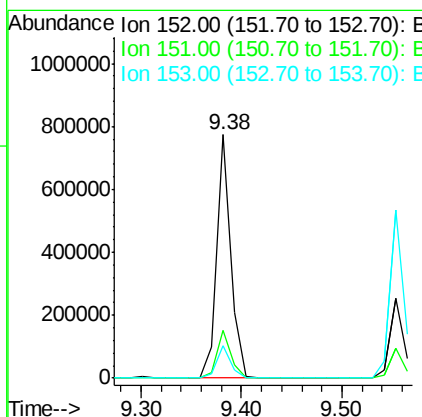
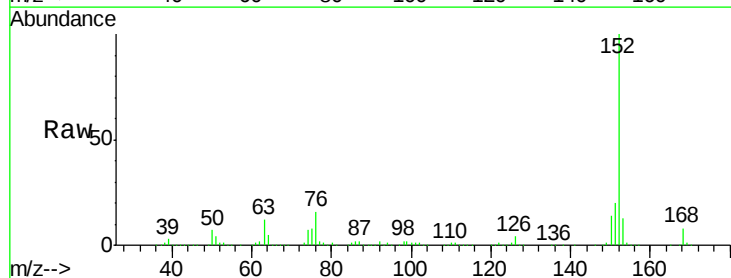
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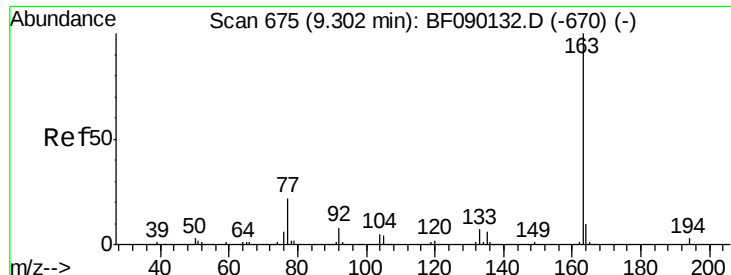
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#48
Acenaphthylene
Concen: 40.74 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.5	24.7
153	13.4	10.6	15.8





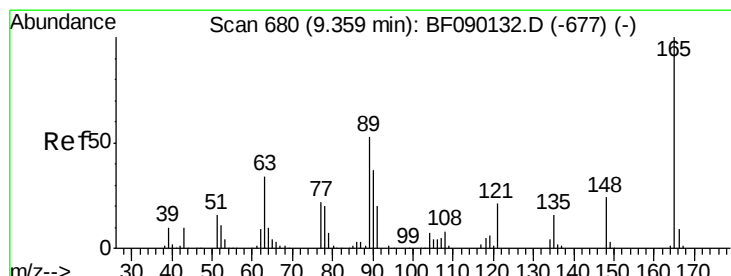
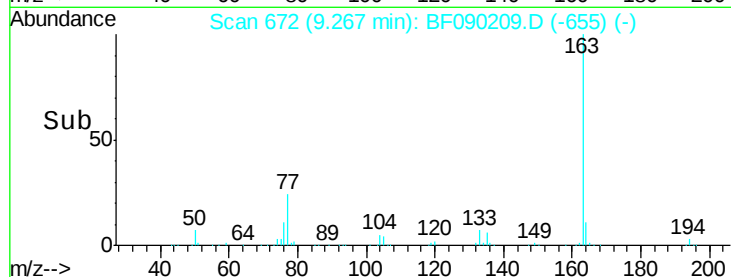
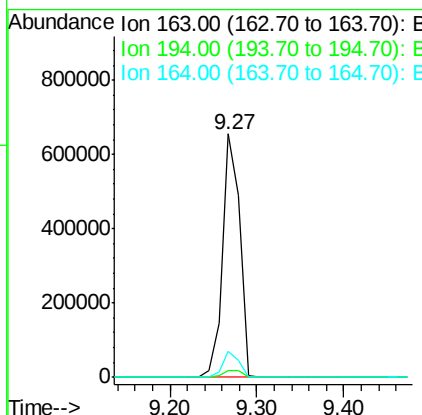
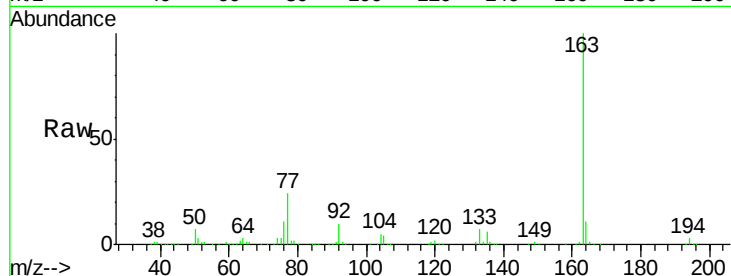
#49
Dimethylphthalate
Concen: 65.83 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	905864		
194	3.1	2.8	4.2	
164	10.6	8.1	12.1	

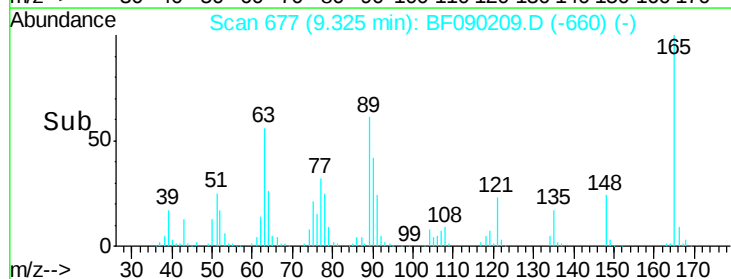
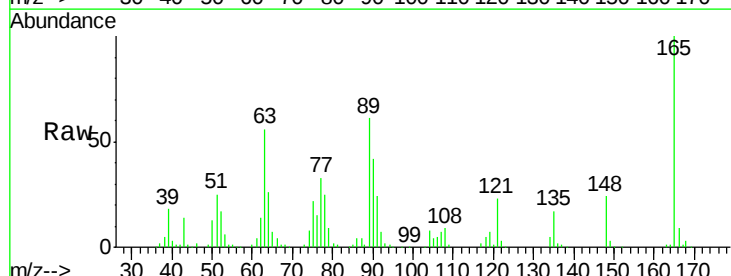
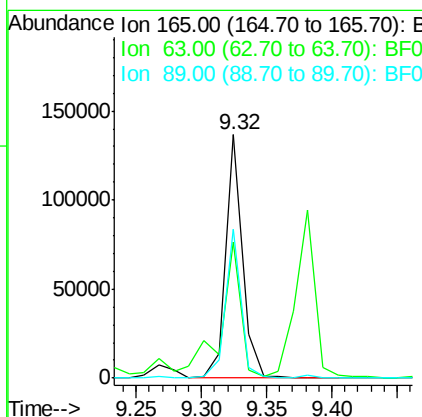
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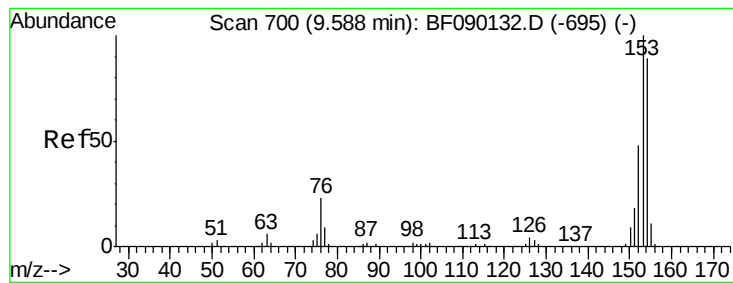
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#50
2,6-Dinitrotoluene
Concen: 40.00 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122665		
63	56.1	49.9	74.9	
89	61.2	51.0	76.4	





#51

Acenaphthene

Concen: 40.36 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

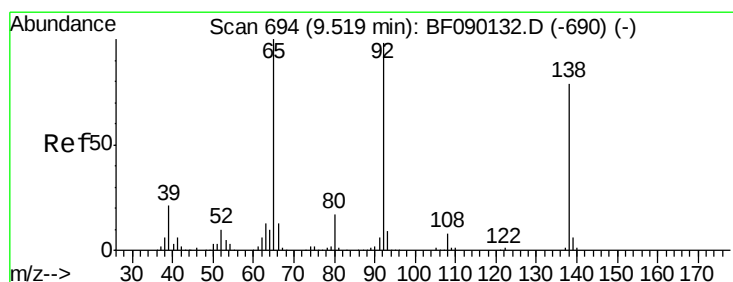
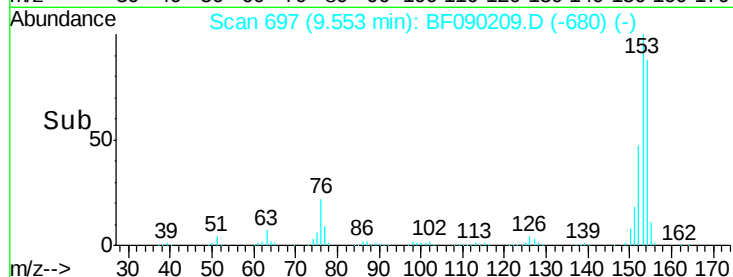
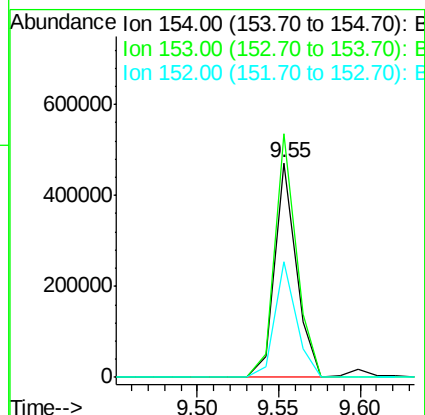
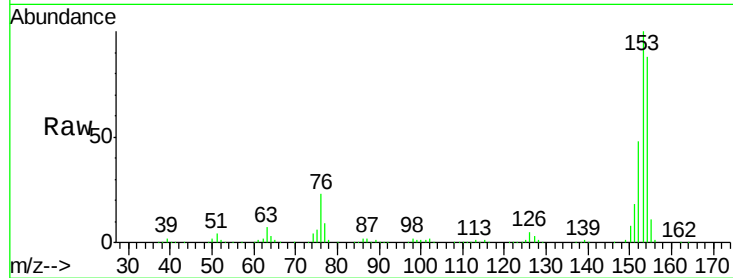
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion:	154	Resp:	443675
Ion Ratio	Lower	Upper	
154	100		
153	113.6	90.8	136.2
152	54.2	44.2	66.4

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#52

3-Nitroaniline

Concen: 30.47 ng

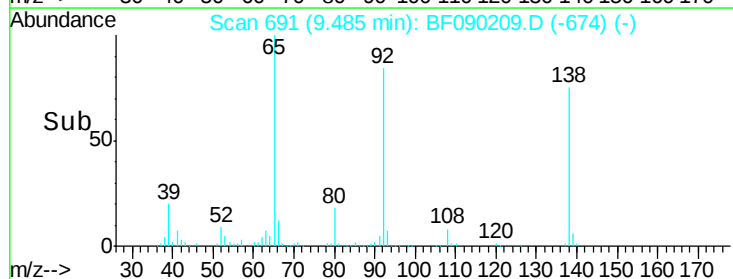
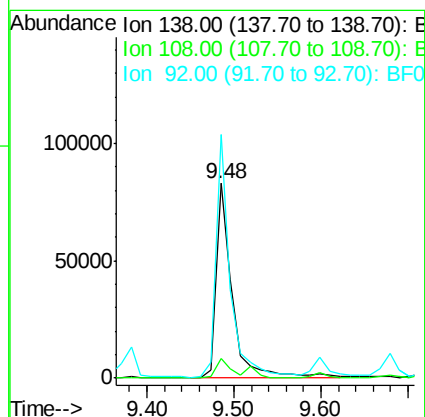
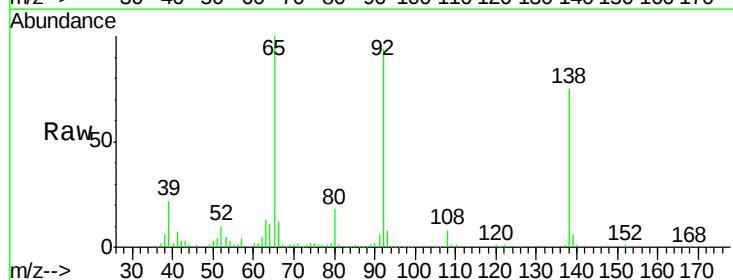
RT: 9.48 min Scan# 691

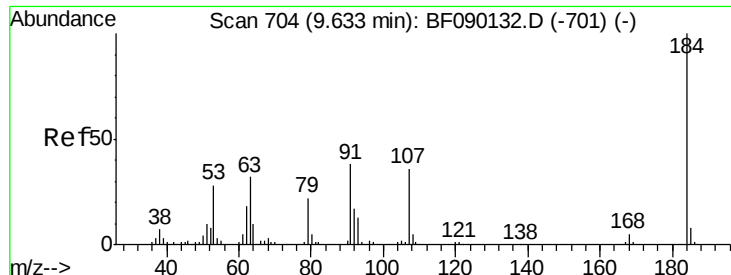
Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion:	138	Resp:	109572
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.8	11.6
92	125.3	90.7	136.1





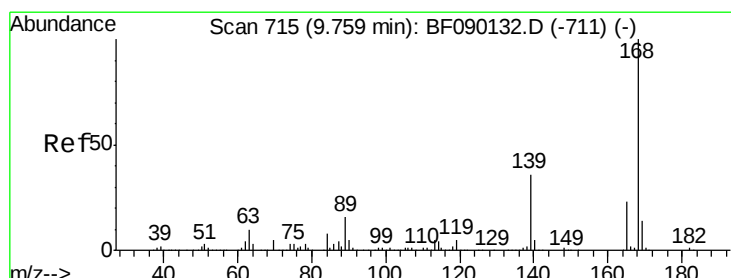
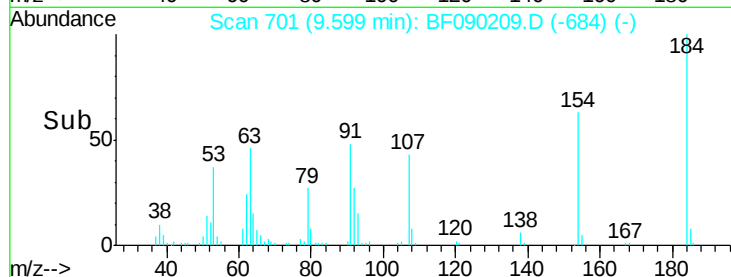
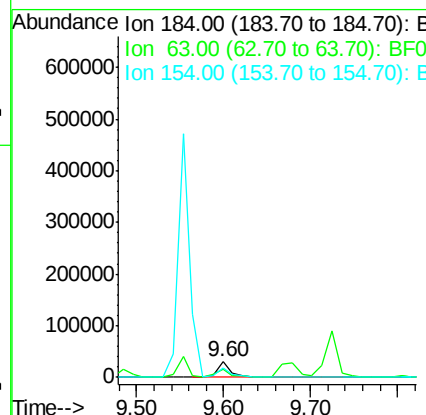
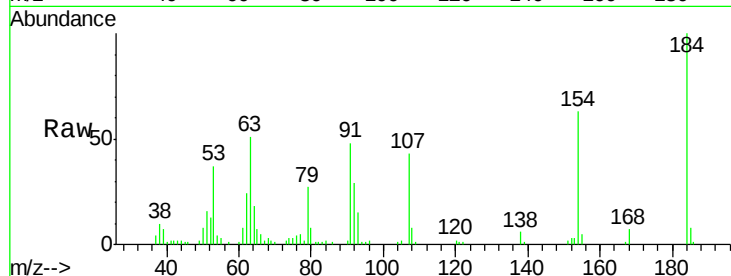
#53
 2,4-Dinitrophenol
 Concen: 22.43 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	34437		
63	50.5	44.6	67.0	
154	62.6	49.7	74.5	

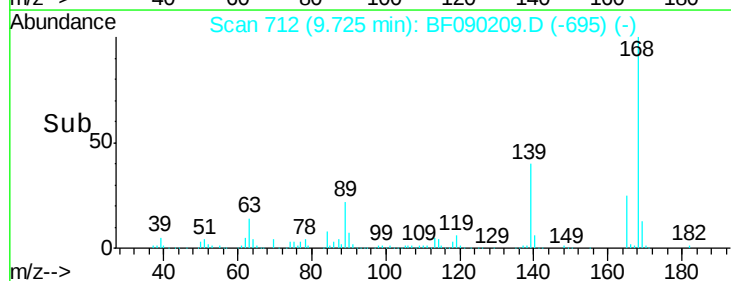
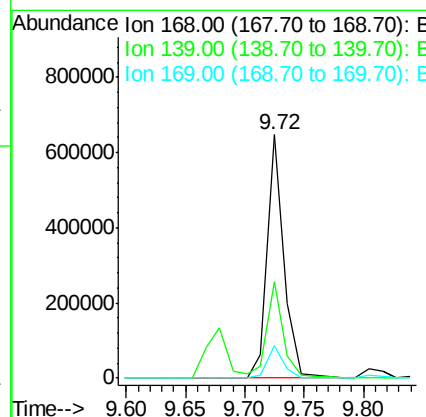
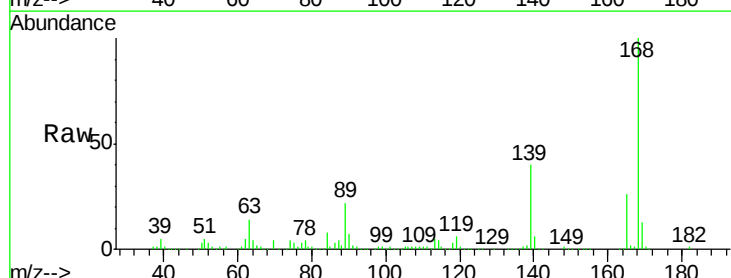
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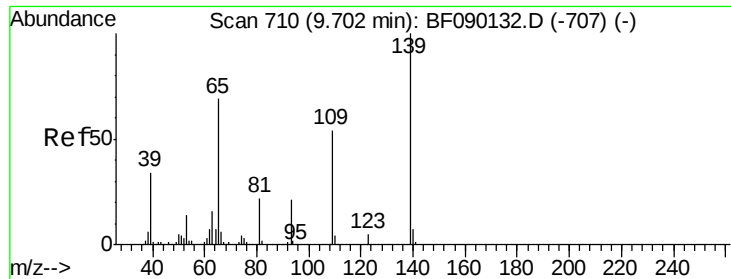
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#54
 Dibenzofuran
 Concen: 44.57 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	644692		
139	39.8	28.8	43.2	
169	13.5	10.7	16.1	





#55

4-Nitrophenol

Concen: 68.64 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

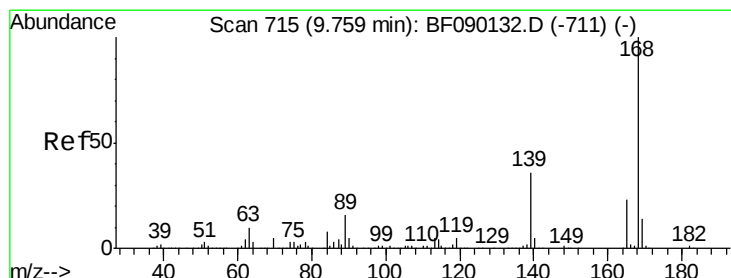
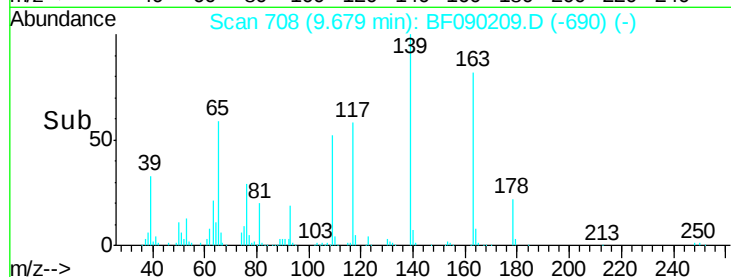
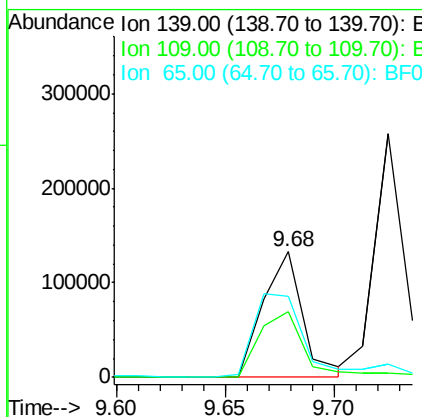
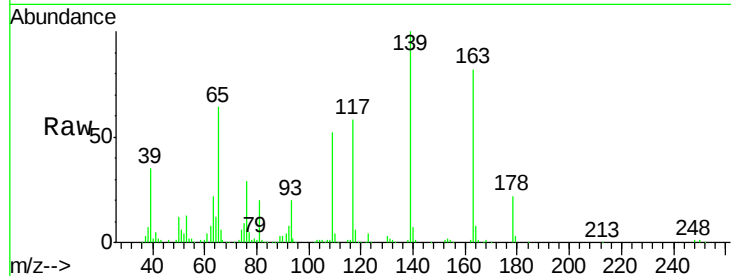
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion:	139	Resp:	169080
Ion Ratio	Lower	Upper	
139	100		
109	52.3	35.6	75.6
65	64.1	55.5	95.5

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#56

2,4-Dinitrotoluene

Concen: 42.37 ng

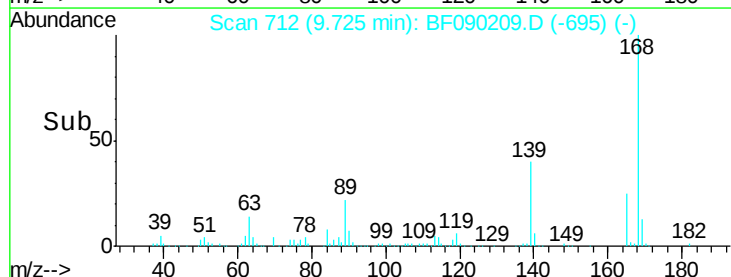
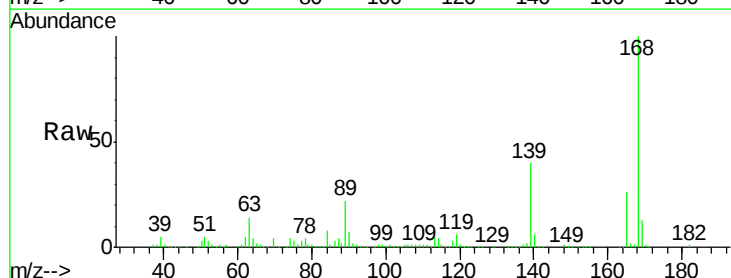
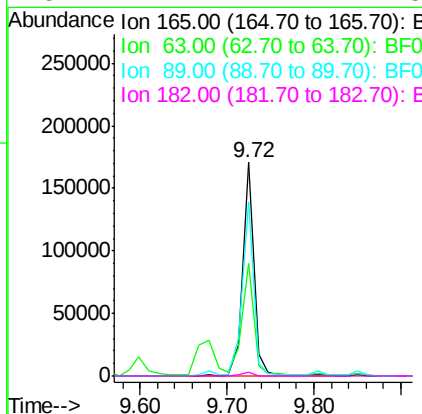
RT: 9.72 min Scan# 712

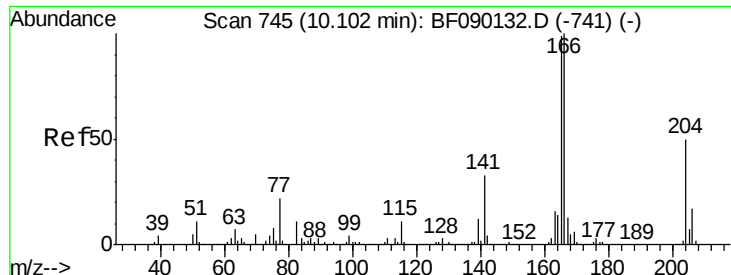
Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion:	165	Resp:	153643
Ion Ratio	Lower	Upper	
165	100		
63	53.0	44.4	66.6
89	81.6	70.1	105.1
182	2.1	1.7	2.5





#57

Fluorene

Concen: 45.73 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

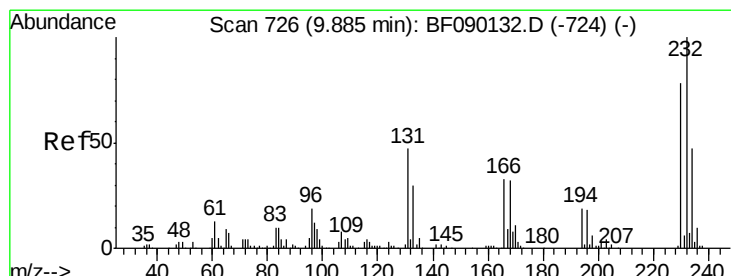
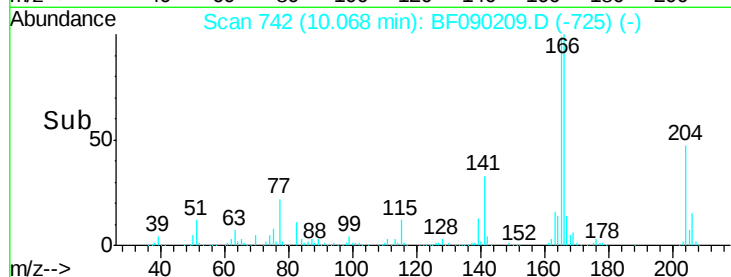
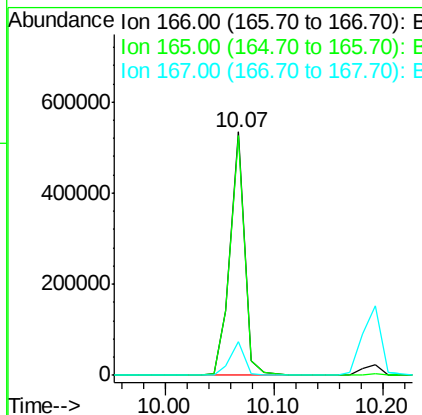
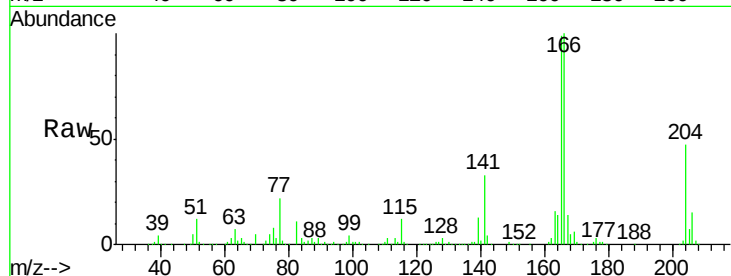
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	498580		
165	98.5	78.5	117.7	
167	13.7	11.2	16.8	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.29 ng

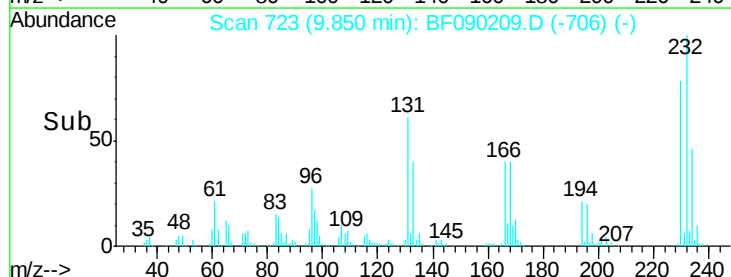
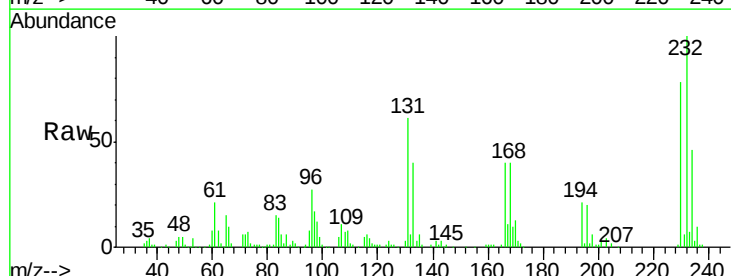
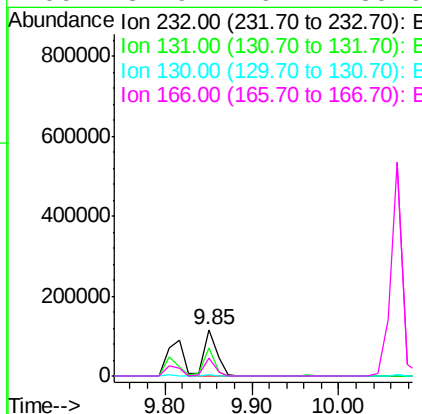
RT: 9.85 min Scan# 723

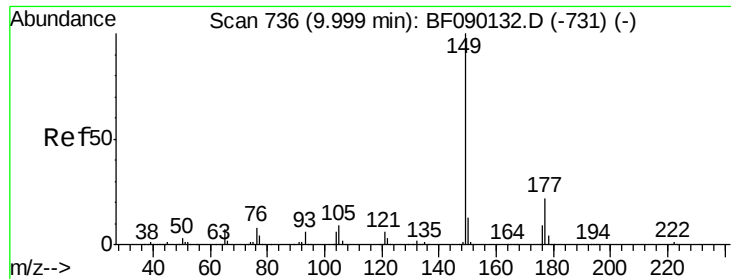
Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	118577		
131	51.7	42.2	63.4	
130	2.3	1.9	2.9	
166	34.9	26.4	39.6	





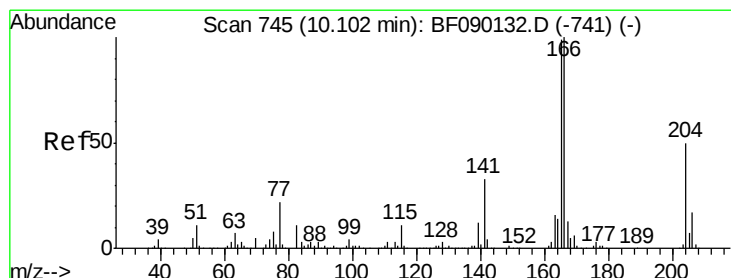
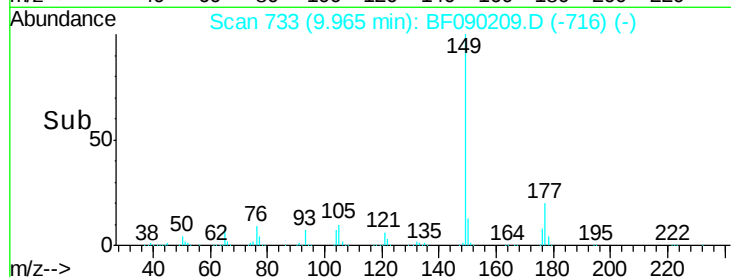
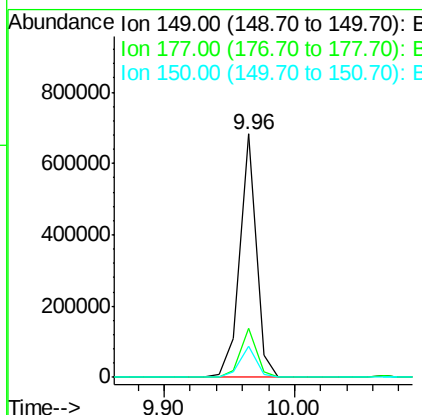
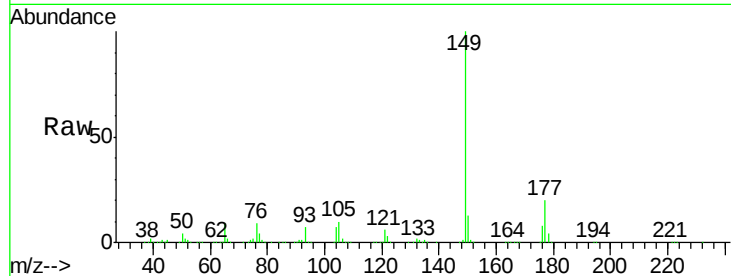
#59
Diethylphthalate
Concen: 44.72 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	15.8	23.6
150	12.6	10.4	15.6

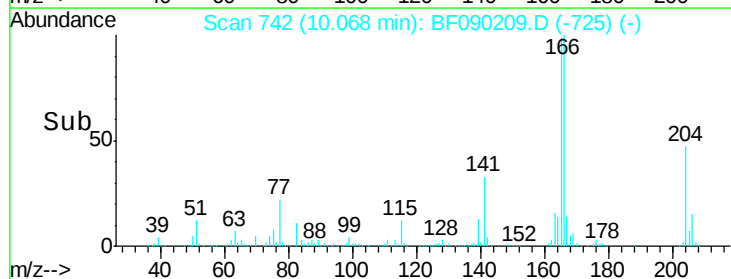
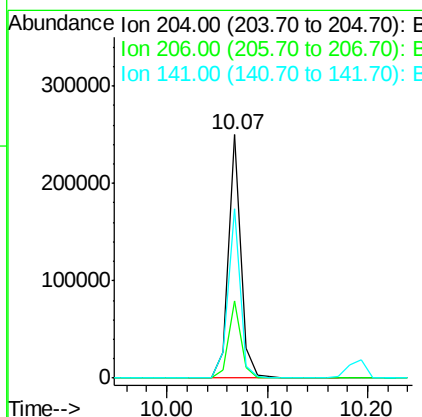
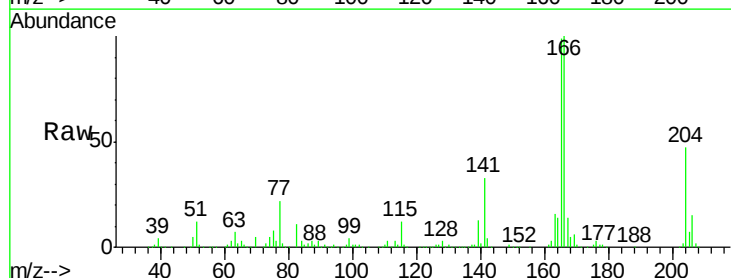
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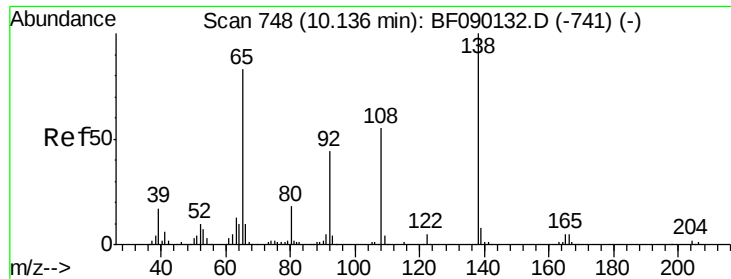
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#60
4-Chlorophenyl-phenylether
Concen: 43.41 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.6	38.4
141	69.6	64.4	96.6





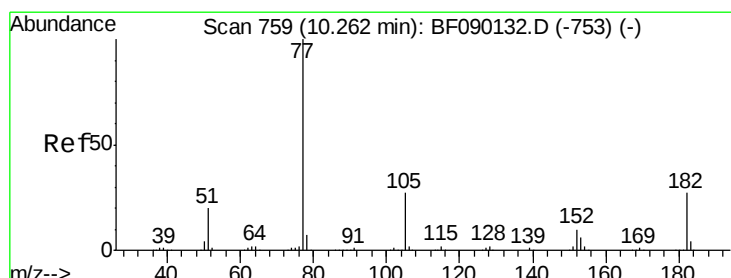
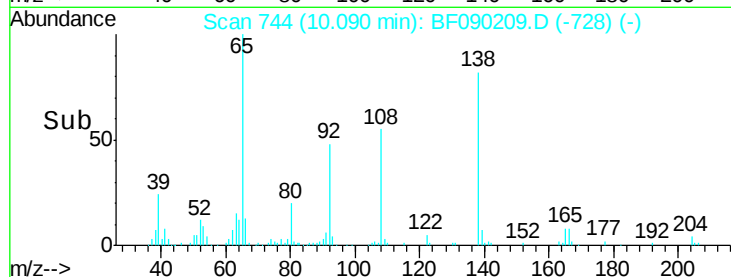
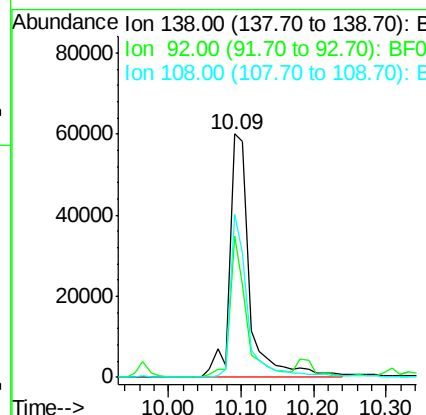
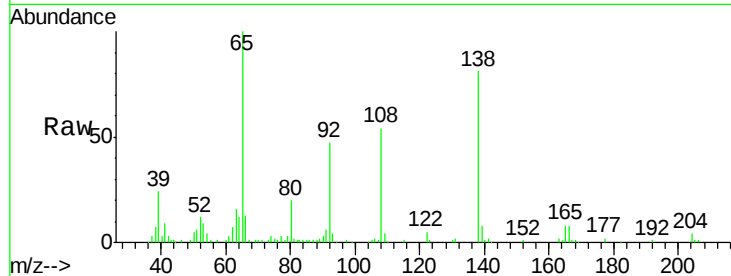
#61
4-Nitroaniline
Concen: 31.53 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.8	23.8	63.8
108	66.7	35.0	75.0

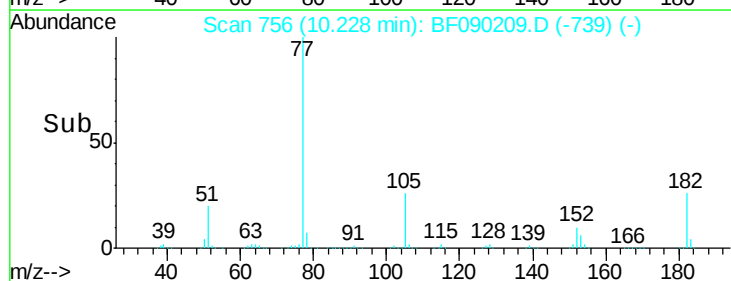
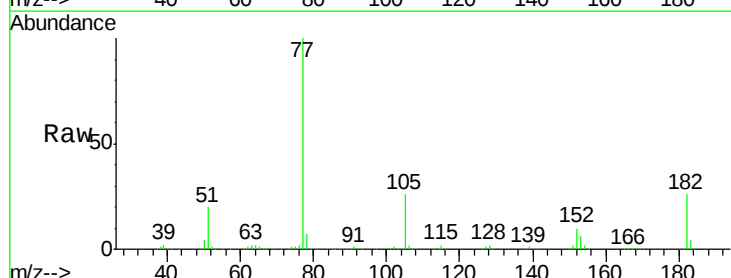
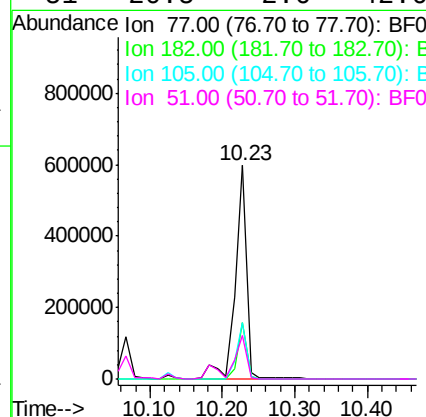
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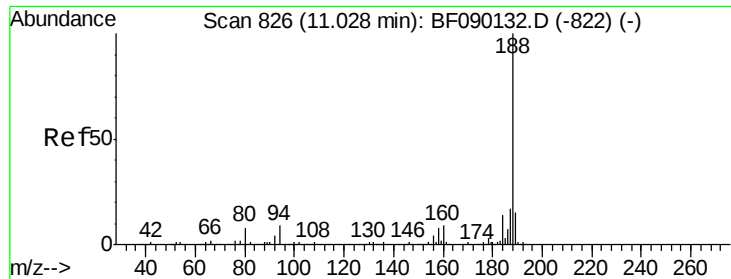
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#62
Azobenzene
Concen: 46.36 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	0.0	38.4
105	26.1	3.8	43.8
51	20.5	2.6	42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.99 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion:188 Resp: 292177
Ion Ratio Lower Upper

188 100

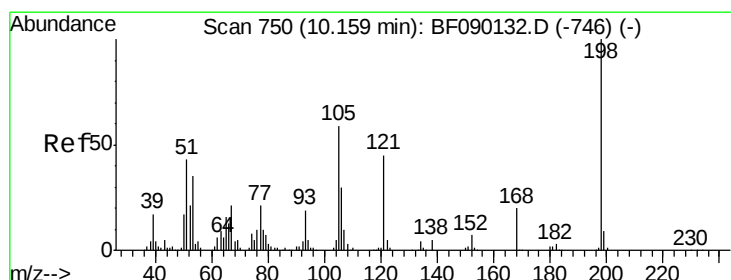
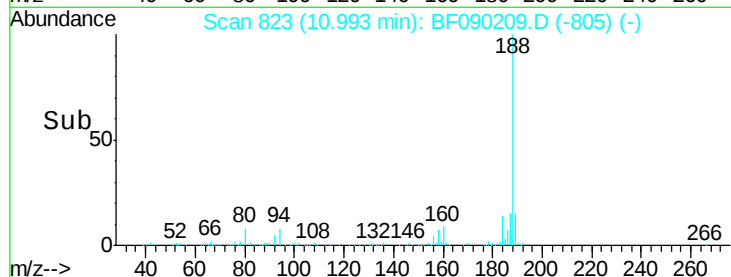
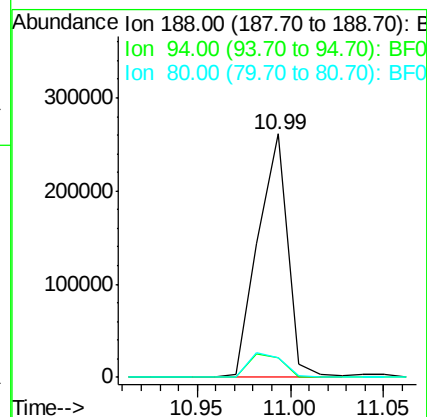
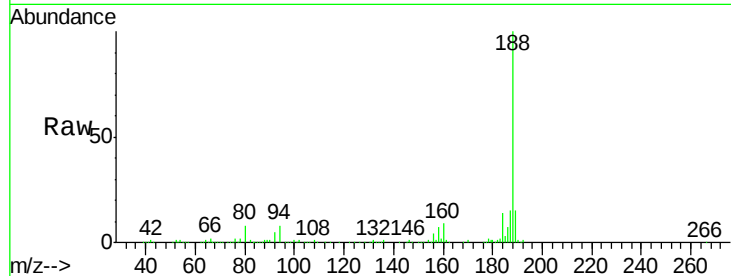
94 8.0 10.5 15.7#

80 8.3 11.2 16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 16.70 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF090209.D

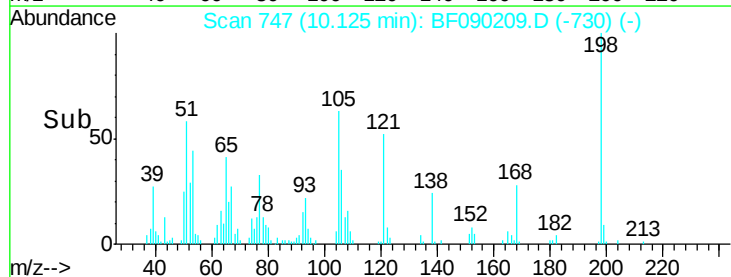
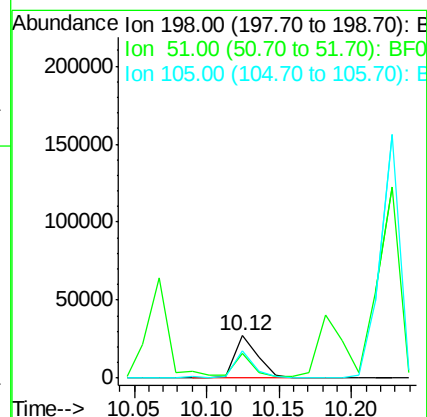
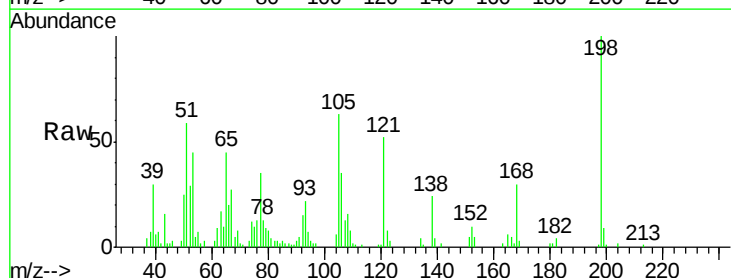
Acq: 23 Sep 2016 20:33

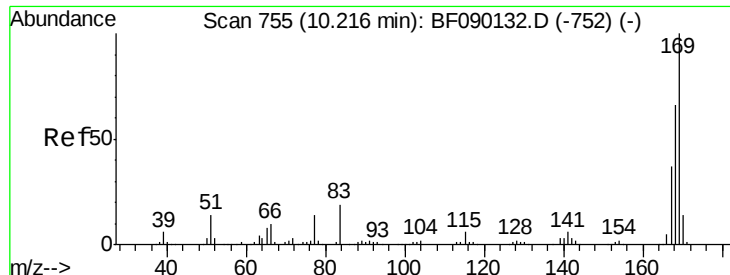
Tgt Ion:198 Resp: 30566
Ion Ratio Lower Upper

198 100

51 58.8 5.5 45.5#

105 63.4 21.8 61.8#





#65

n-Nitrosodiphenylamine

Concen: 49.62 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

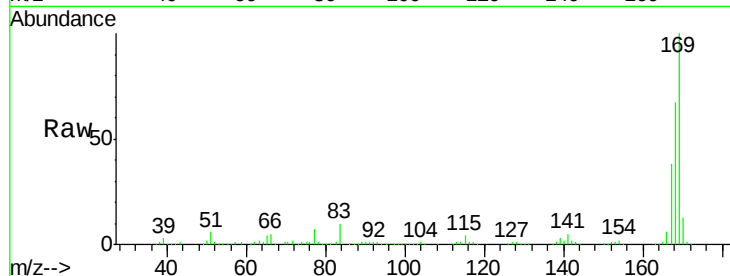
ClientSampleId :

TRACK-D-GRID-17BMSD

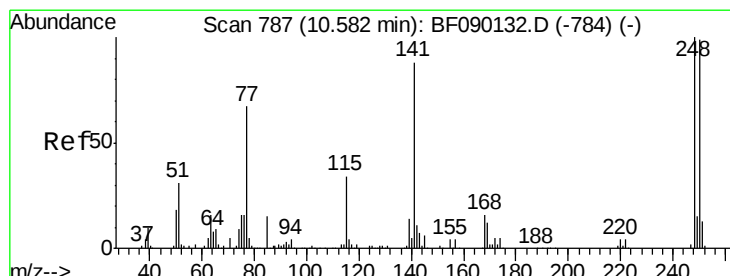
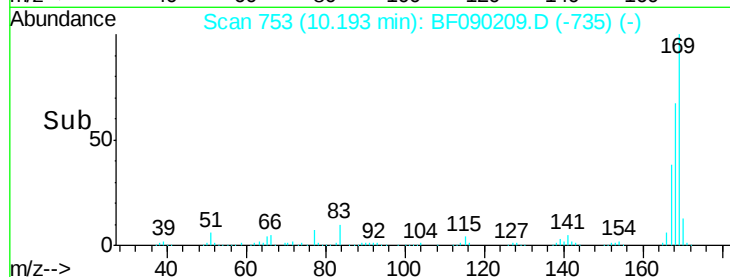
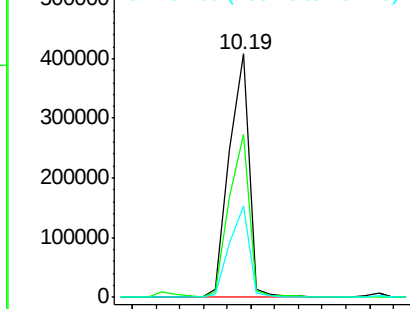
Tot Ion:	169	Resp:	476753
Ion Ratio	Lower	Upper	
169	100		
168	66.9	54.2	81.4
167	37.5	30.3	45.5

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



#66

4-Bromophenyl-phenylether

Concen: 45.03 ng

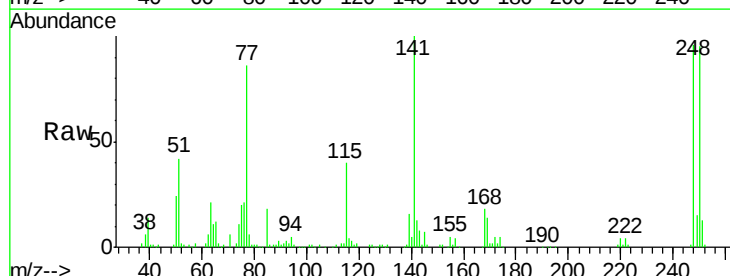
RT: 10.55 min Scan# 784

Delta R.T. -0.00 min

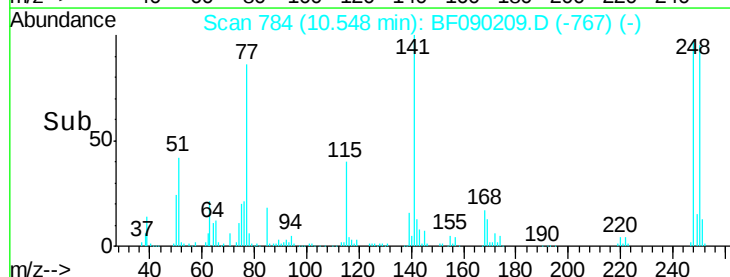
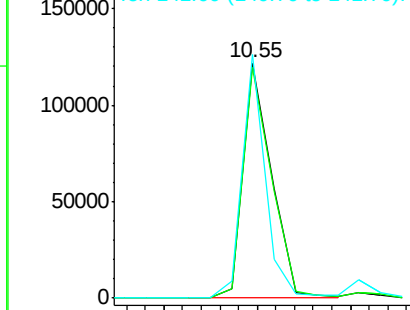
Lab File: BF090209.D

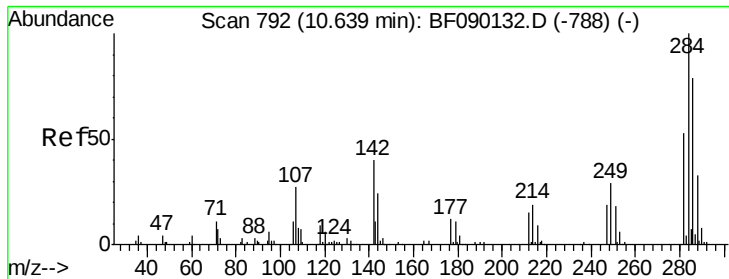
Acq: 23 Sep 2016 20:33

Tgt Ion:	248	Resp:	129462
Ion Ratio	Lower	Upper	
248	100		
250	98.2	79.4	119.2
141	103.7	49.3	73.9#



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





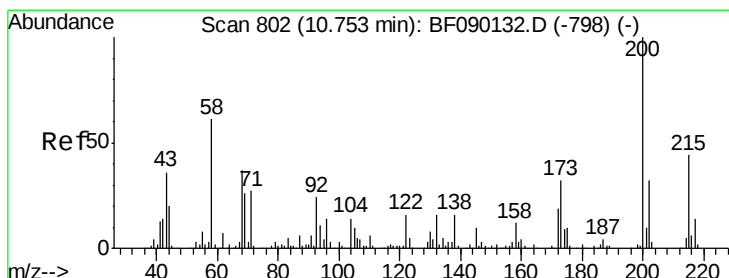
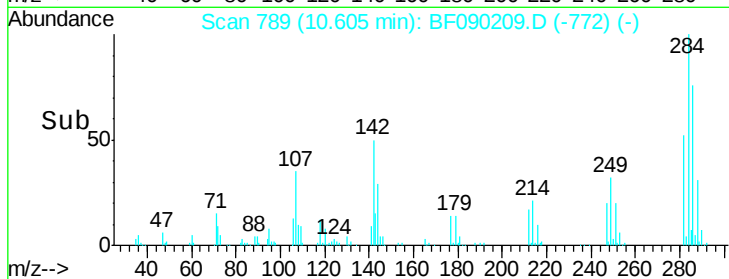
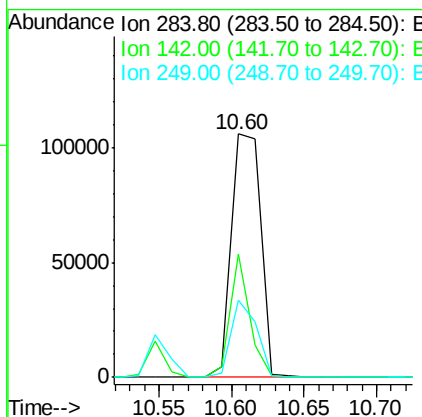
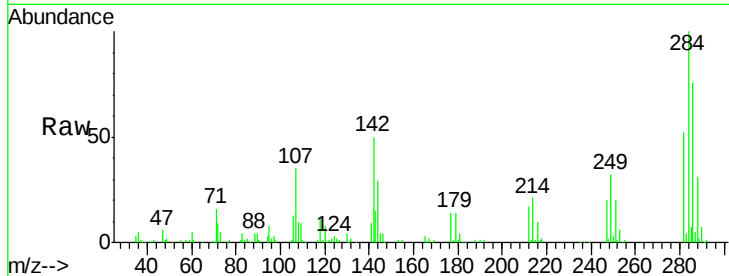
#67
 Hexachlorobenzene
 Concen: 44.34 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	148578		
142	50.5	24.0	36.0#	
249	31.9	23.8	35.6	

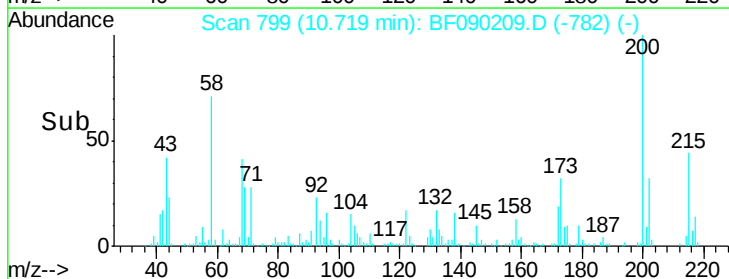
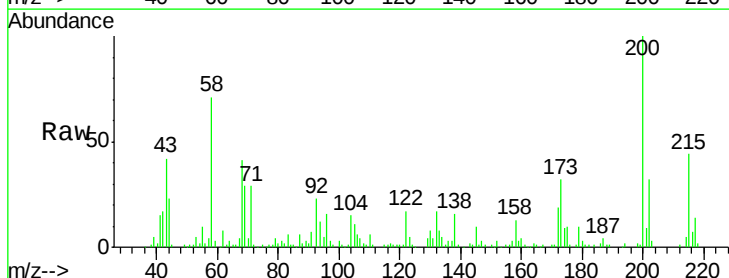
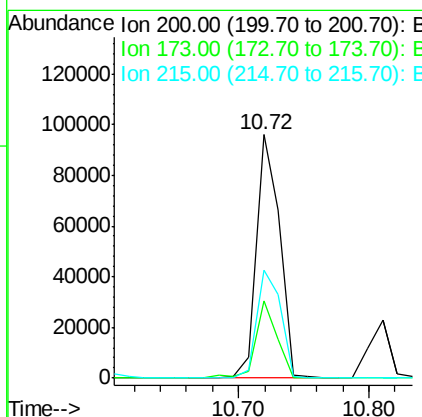
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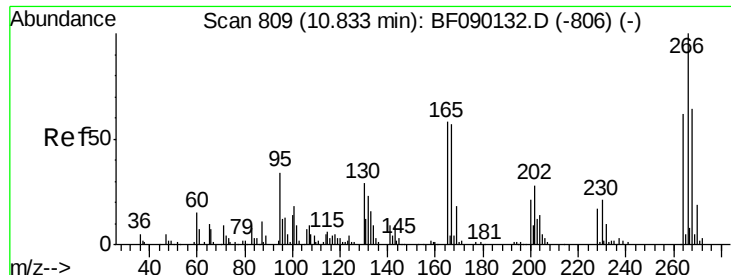
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#68
 Atrazine
 Concen: 45.19 ng
 RT: 10.72 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	118987		
173	31.7	9.3	49.3	
215	44.4	26.1	66.1	





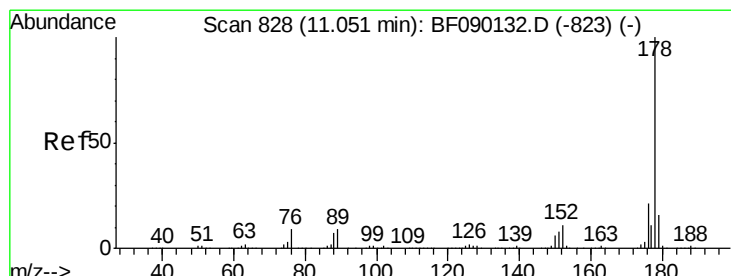
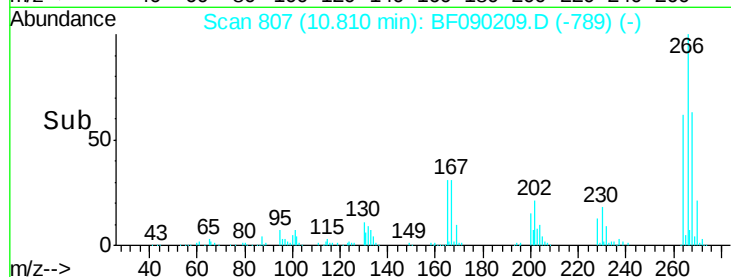
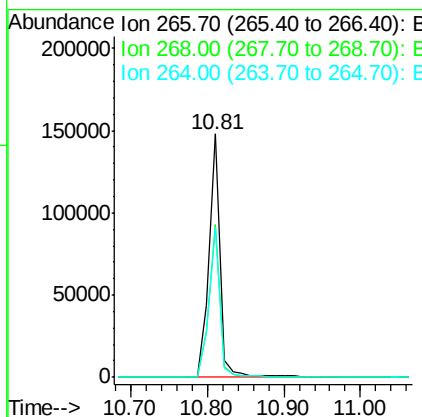
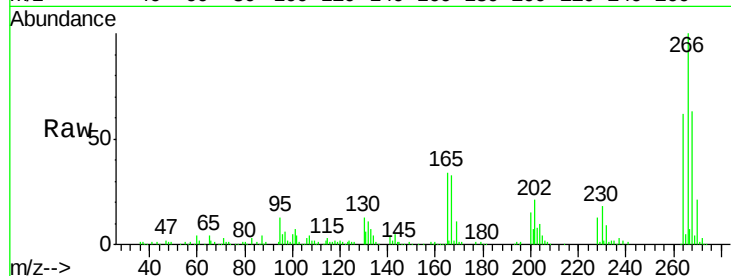
#69
Pentachlorophenol
 Concen: 77.46 ng
 RT: 10.81 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

Tot Ion:	266	Resp:	147319
Ion Ratio	Lower	Upper	
266	100		
268	62.8	52.1	78.1
264	61.6	50.3	75.5

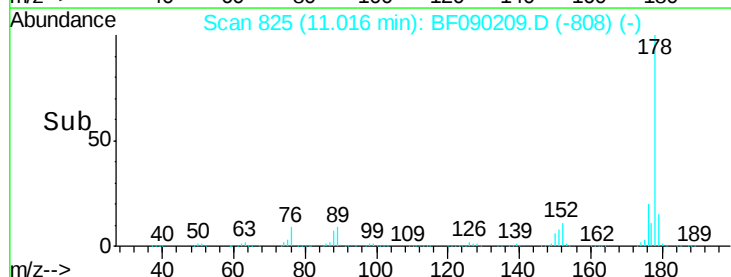
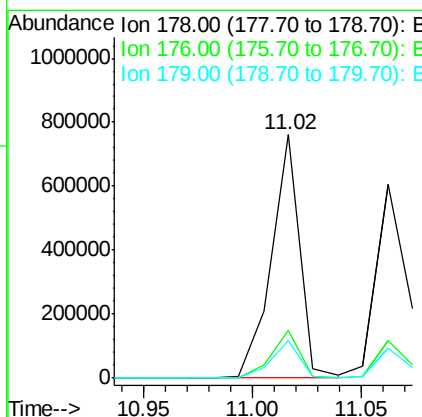
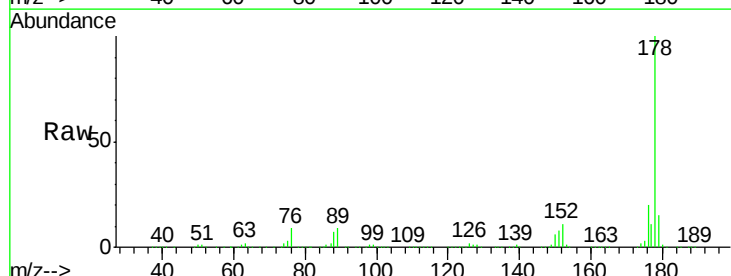
Manual Integrations
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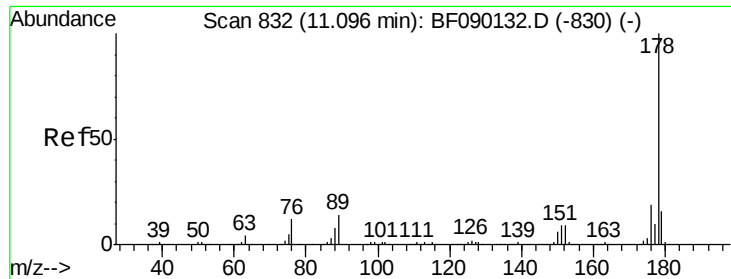
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#70
Phenanthrene
 Concen: 50.96 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion:	178	Resp:	696365
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.9	23.9
179	15.5	12.9	19.3





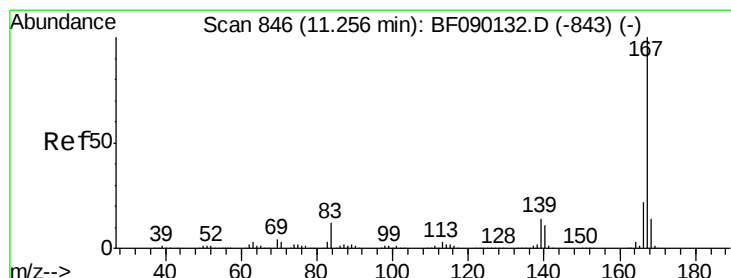
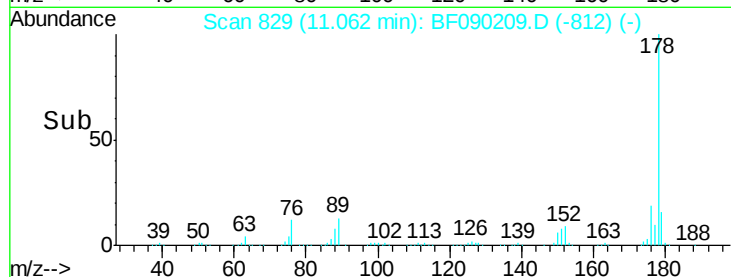
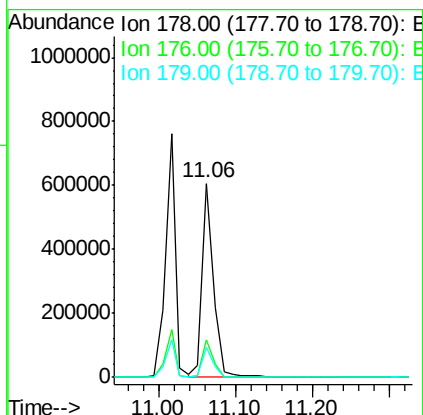
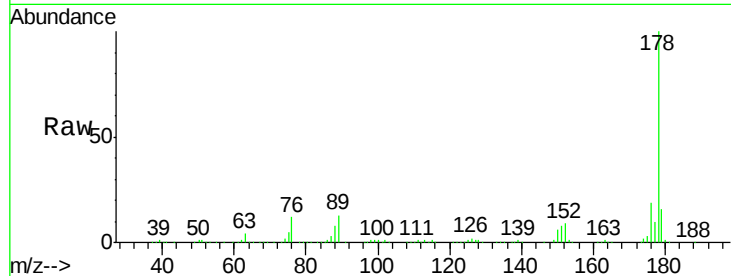
#71
 Anthracene
 Concen: 43.40 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.7	12.6	19.0

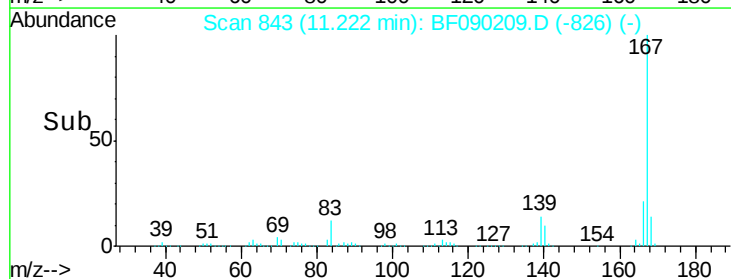
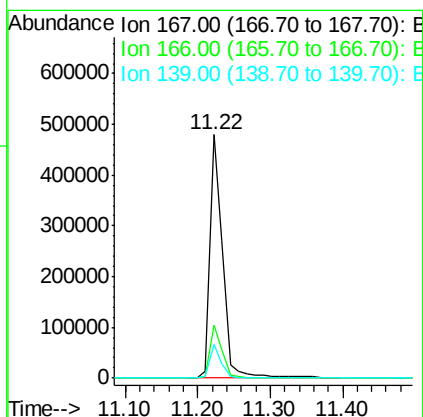
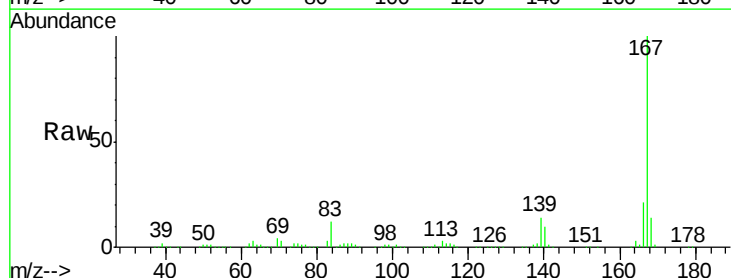
Manual Integrations
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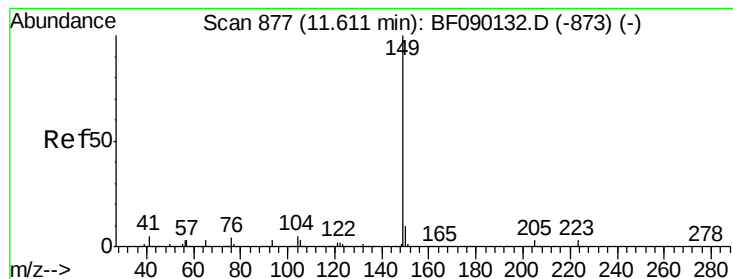
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#72
 Carbazole
 Concen: 38.33 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.0	27.0
139	13.7	10.4	15.6





#73

Di-n-butylphthalate

Concen: 44.98 ng

RT: 11.58 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

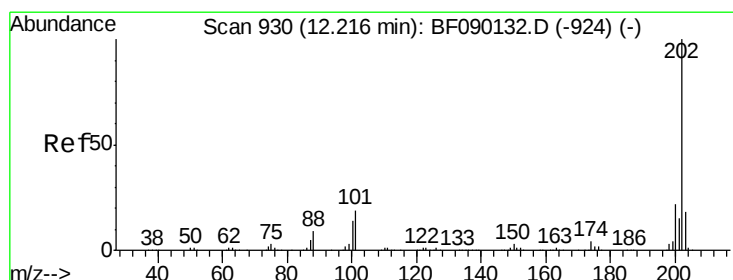
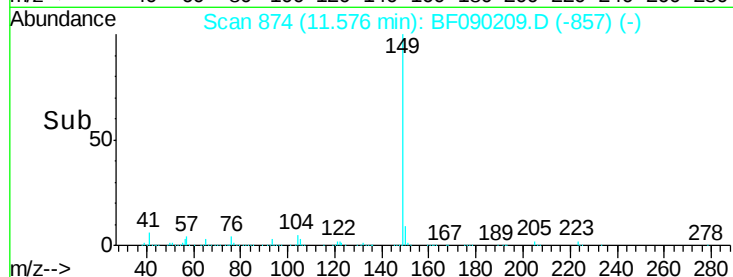
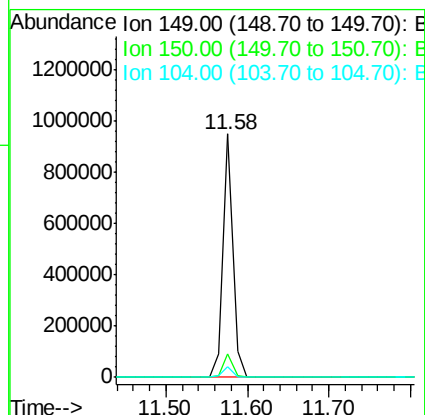
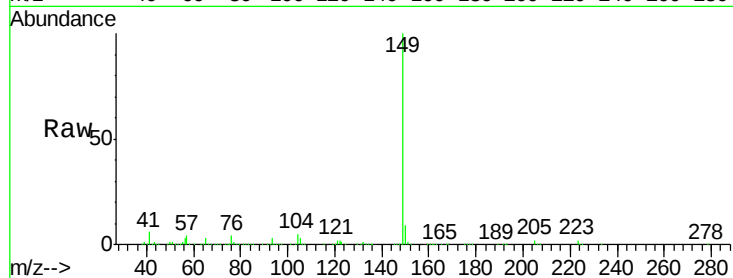
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion:	149	Resp:	792448
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.8
104	4.5	3.9	5.9

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#74

Fluoranthene

Concen: 41.49 ng

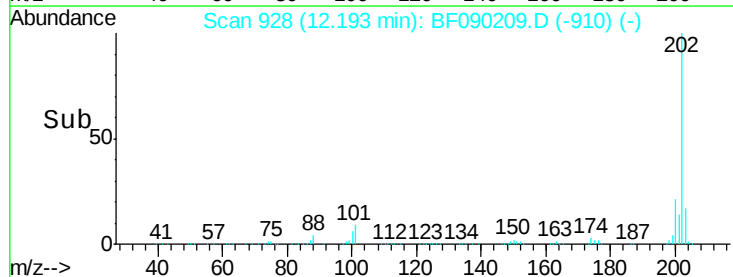
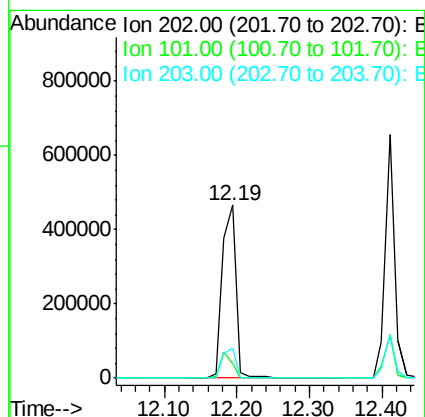
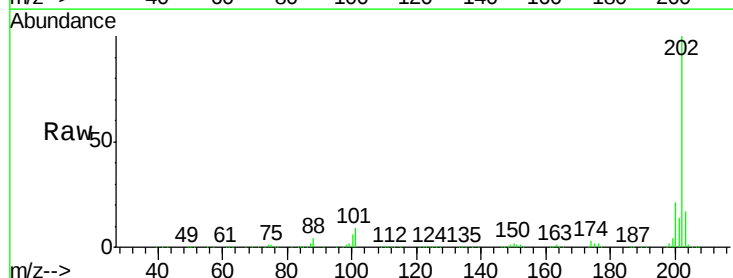
RT: 12.19 min Scan# 928

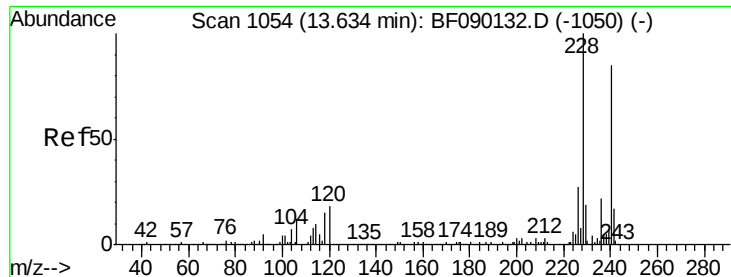
Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion:	202	Resp:	608617
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	36.1
203	17.3	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

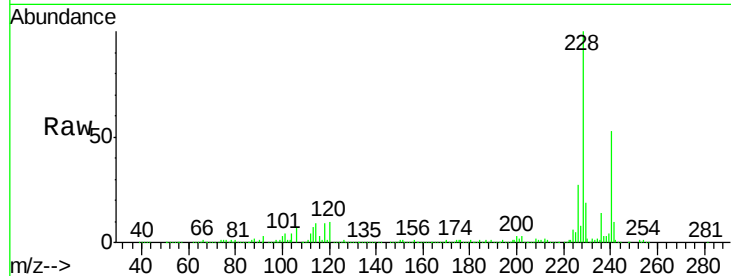
ClientSampleId :

TRACK-D-GRID-17BMSD

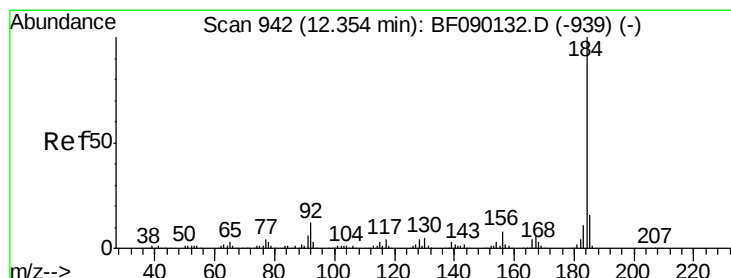
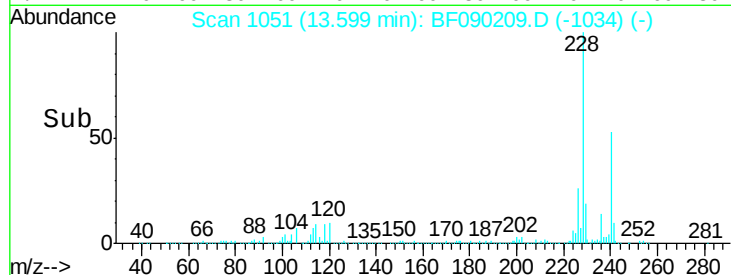
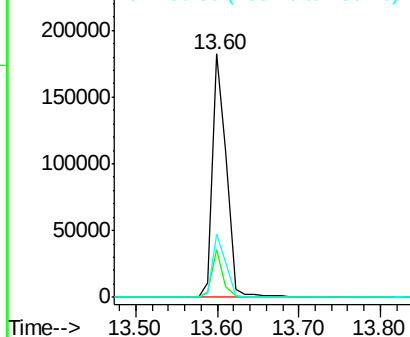
Tot Ion:	240	Resp:	219548
Ion Ratio		Lower	Upper
240	100		
120	19.6	10.6	16.0#
236	26.2	21.6	32.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.24 ng

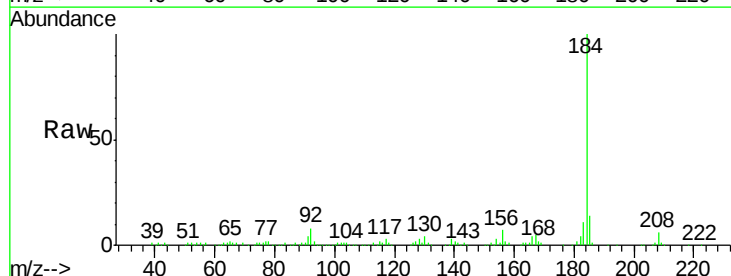
RT: 12.33 min Scan# 940

Delta R.T. 0.01 min

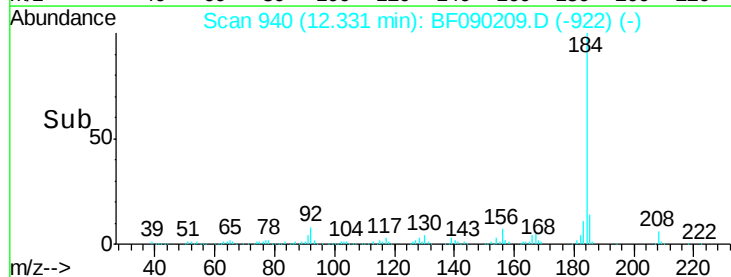
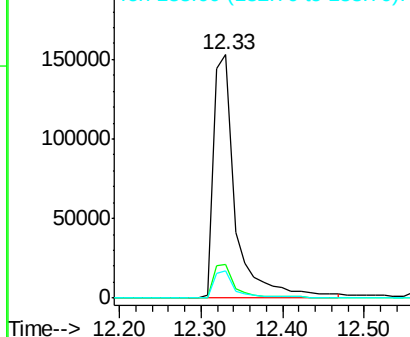
Lab File: BF090209.D

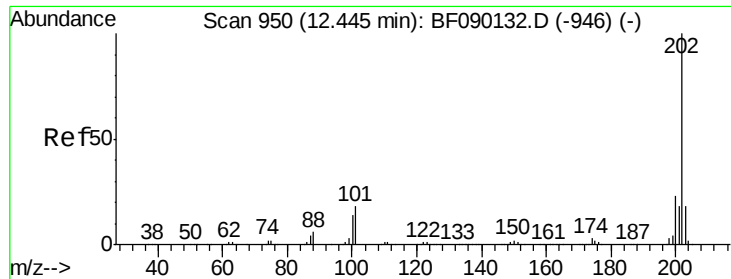
Acq: 23 Sep 2016 20:33

Tgt Ion:	184	Resp:	288335
Ion Ratio		Lower	Upper
184	100		
185	14.1	13.2	19.8
183	11.0	9.2	13.8



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





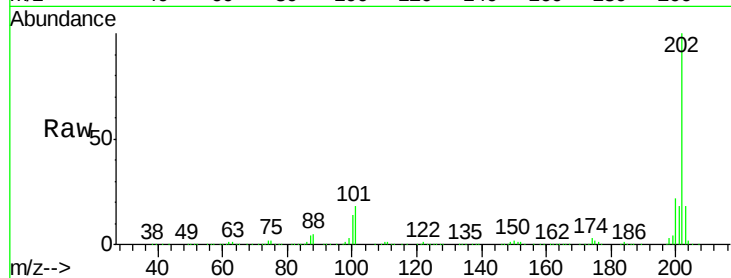
#77
Pvrene
Concen: 39.81 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

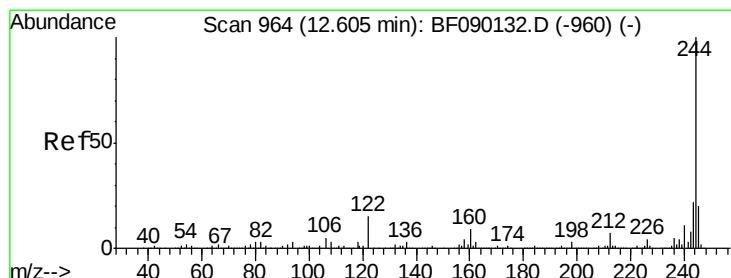
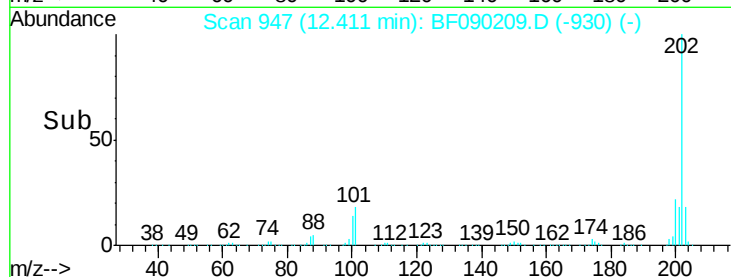
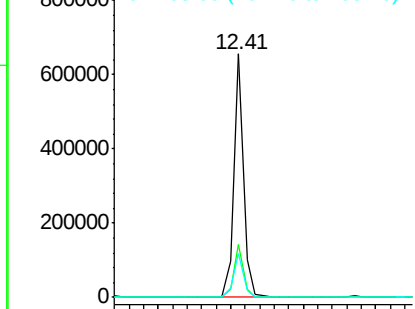
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.9	26.9
203	18.1	14.2	21.4

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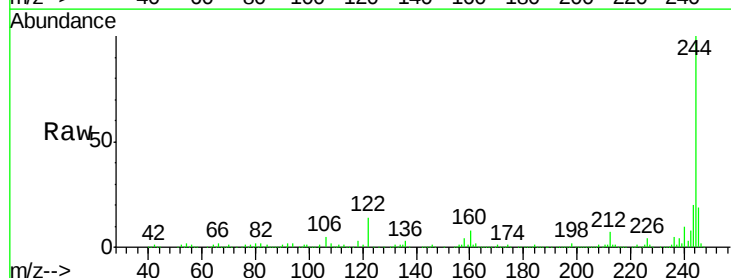


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

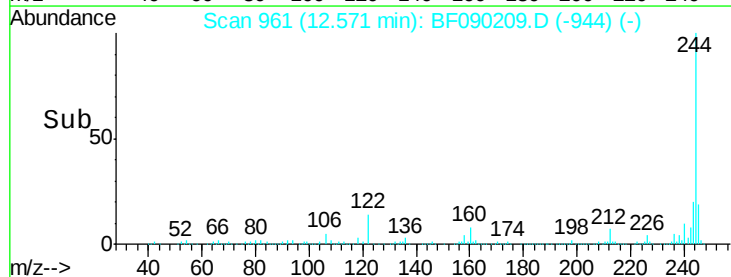
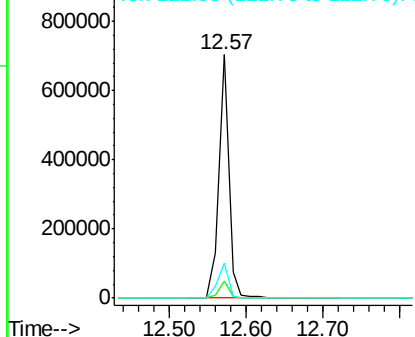


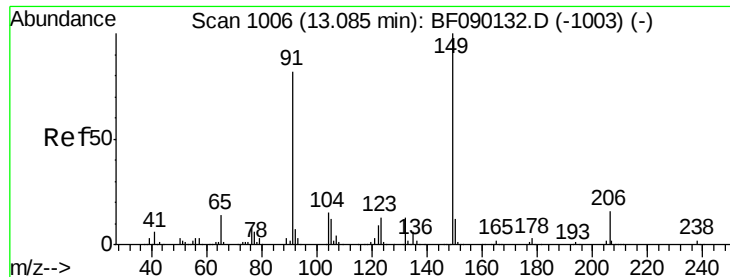
#78
Terphenyl-d14
Concen: 75.07 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	14.1	9.4	14.0



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





#79

Butylbenzylphthalate

Concen: 38.34 ng

RT: 13.05 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

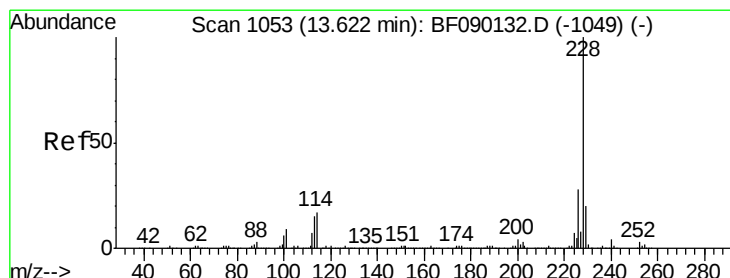
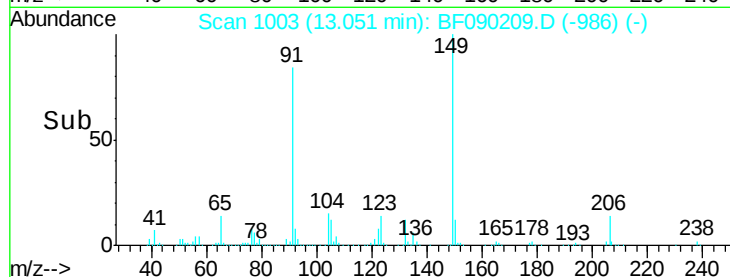
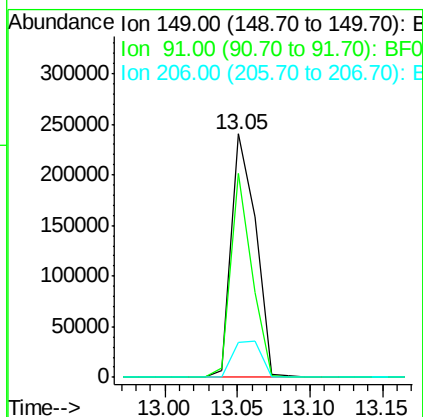
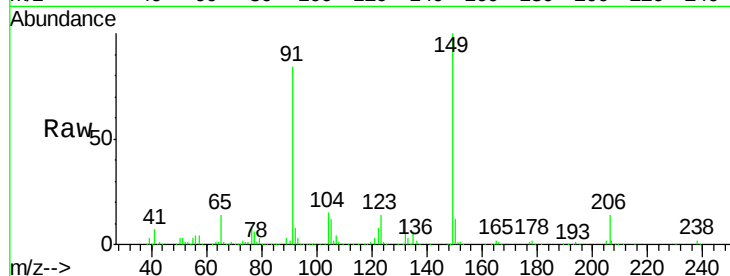
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion:	149	Resp:	281719
Ion Ratio	Lower	Upper	
149	100		
91	83.7	49.8	74.6#
206	14.4	16.3	24.5#

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#80

Benzo(a)anthracene

Concen: 47.13 ng

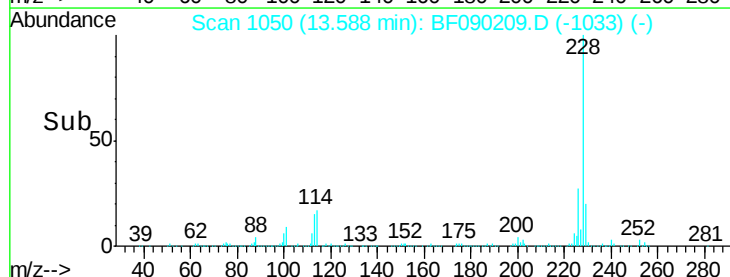
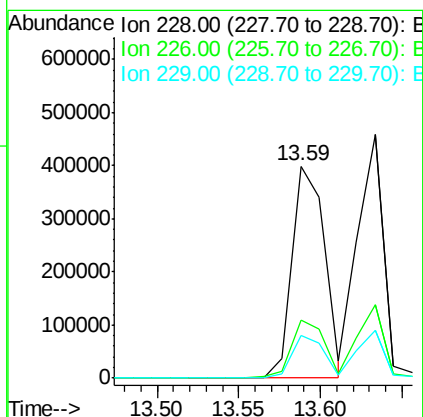
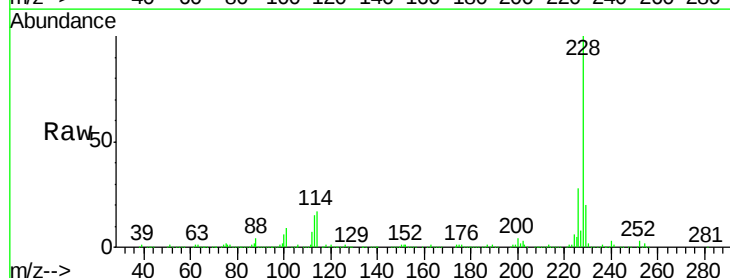
RT: 13.59 min Scan# 1050

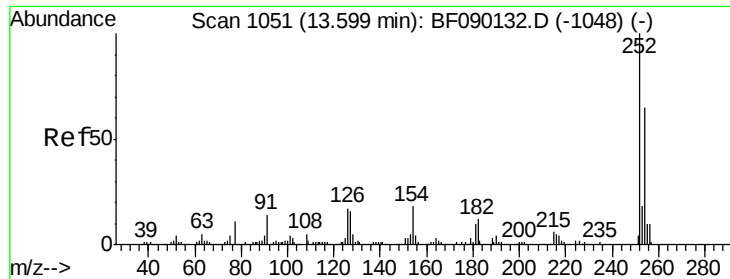
Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion:	228	Resp:	556721
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.0	33.0
229	20.2	16.2	24.2





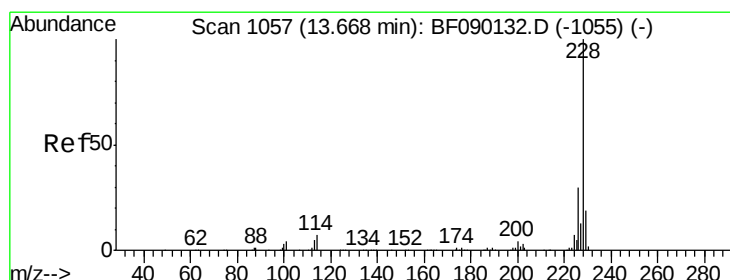
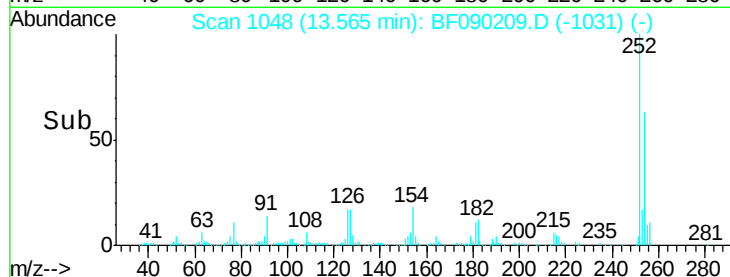
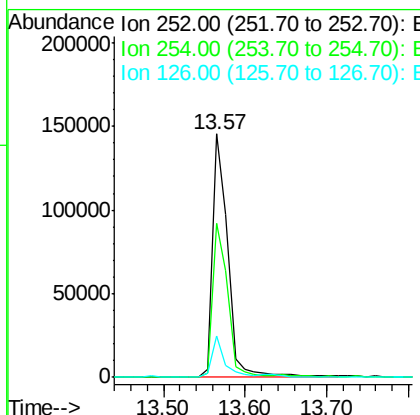
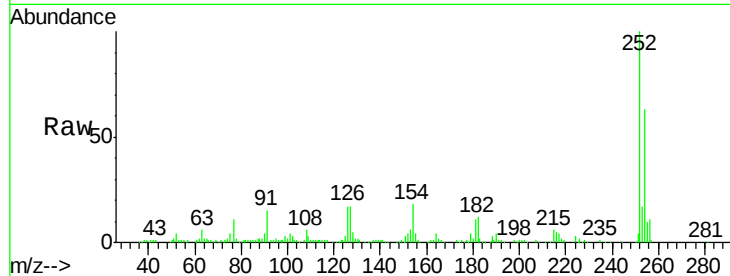
#81
 3,3'-Dichlorobenzidine
 Concen: 39.36 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.7	76.1
126	16.8	9.2	13.8

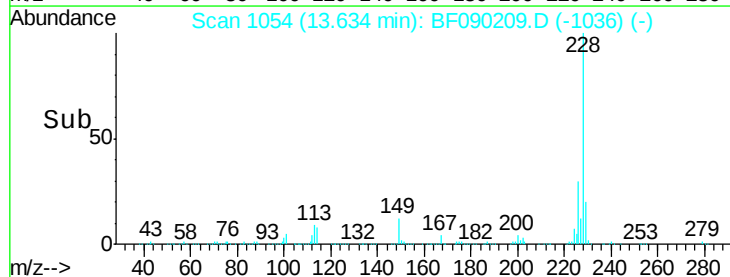
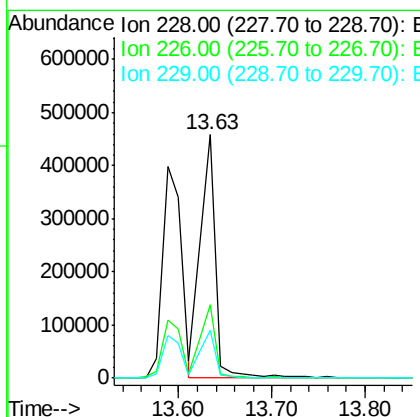
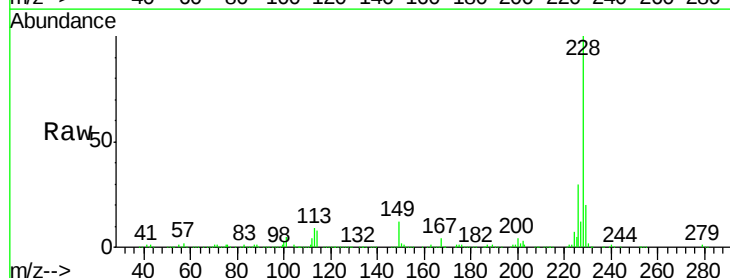
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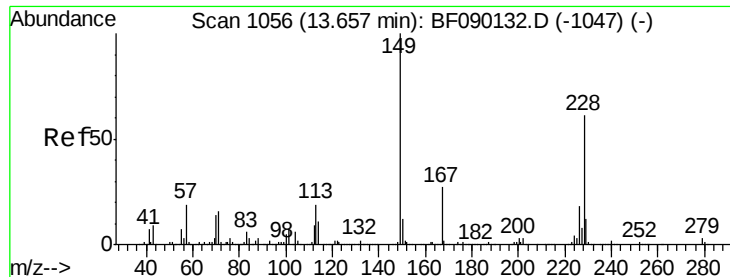
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#82
 Chrysene
 Concen: 45.81 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	19.9	16.2	24.4





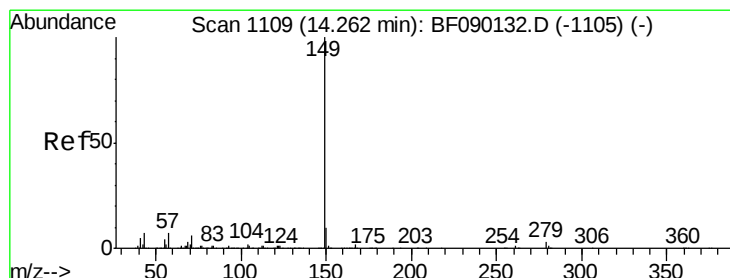
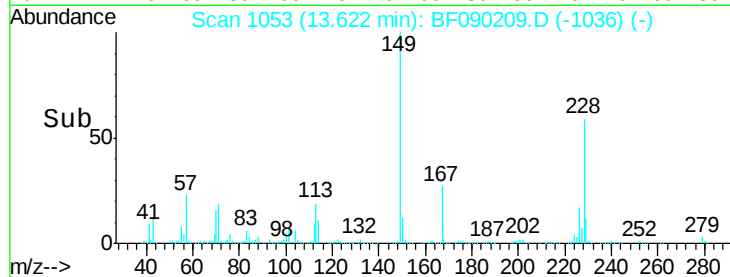
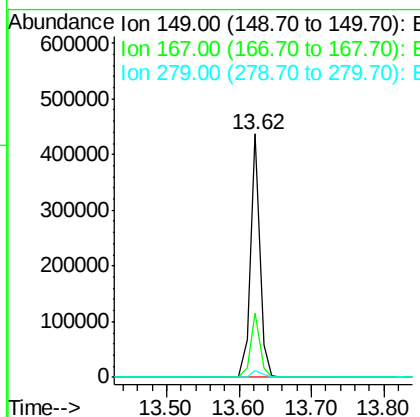
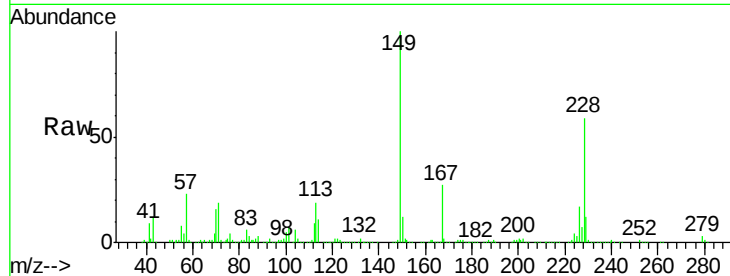
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.52 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17BMSD

Tot Ion:	149	Resp:	390424
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.2	31.8
279	2.8	2.2	3.2

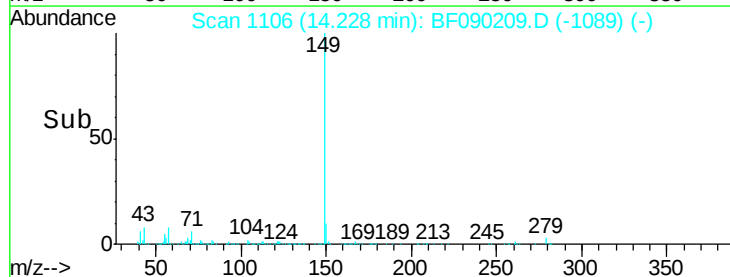
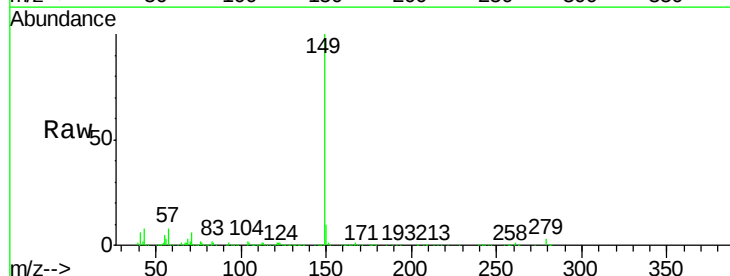
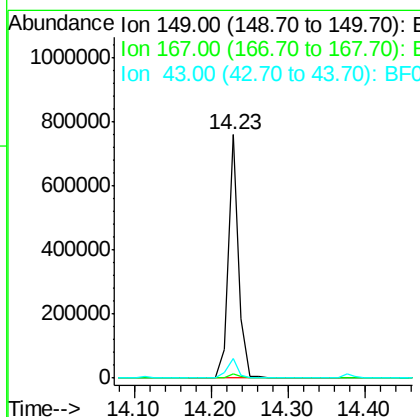
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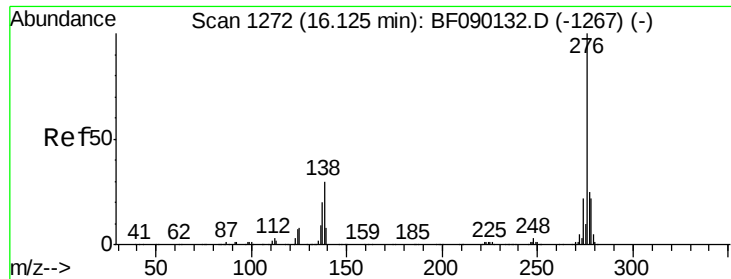
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#84
 Di-n-octyl phthalate
 Concen: 44.47 ng
 RT: 14.23 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BF090209.D
 Acq: 23 Sep 2016 20:33

Tgt Ion:	149	Resp:	720477
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8#
43	7.7	6.8	10.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 57.60 ng

RT: 16.08 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

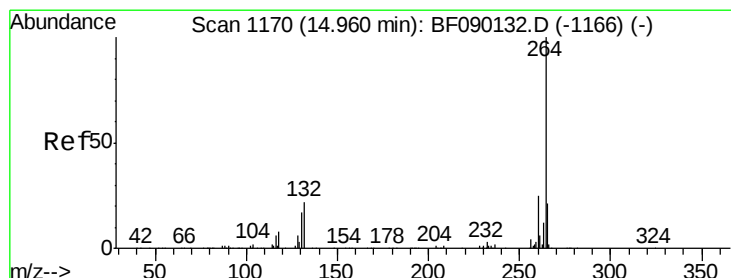
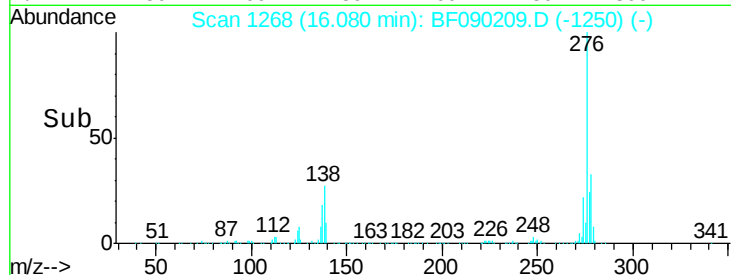
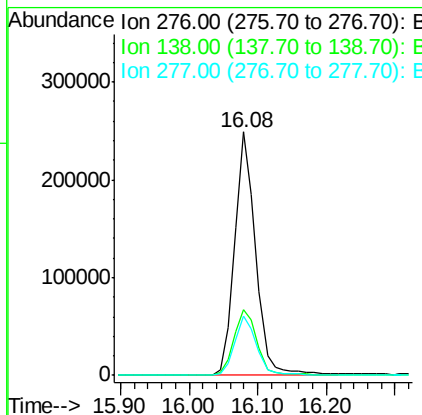
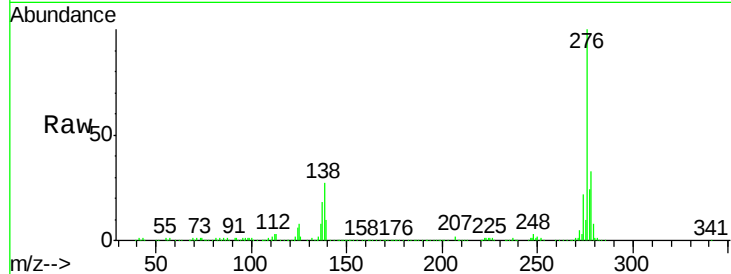
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion:	276	Resp:	535874
Ion Ratio	Lower	Upper	
276	100		
138	29.4	25.9	38.9
277	25.3	19.9	29.9

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#86

Perylene-d12

Concen: 20.00 ng

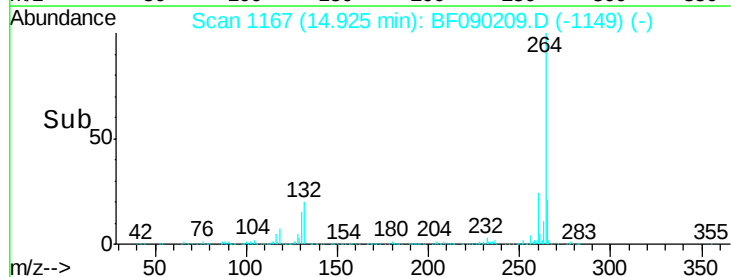
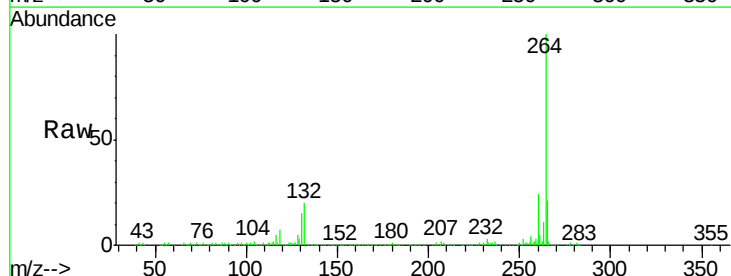
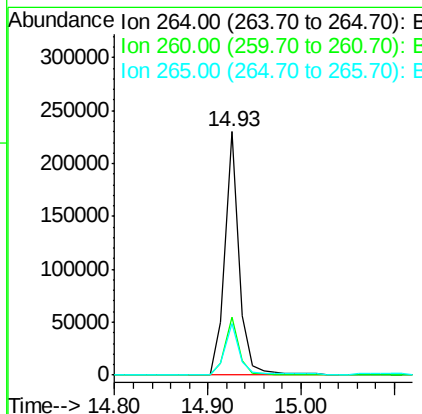
RT: 14.93 min Scan# 1167

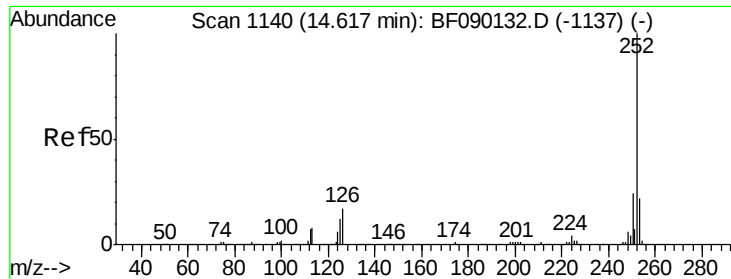
Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion:	264	Resp:	246831
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	21.4	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 39.87 ng m

RT: 14.58 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Instrument :

BNA_F

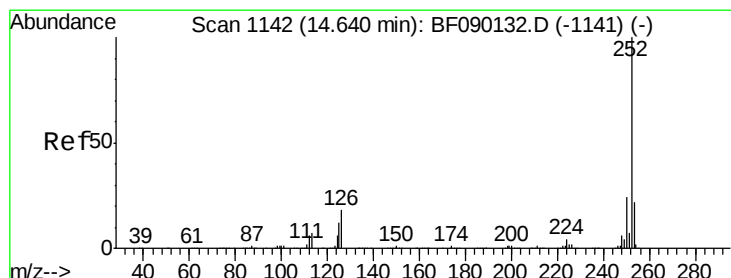
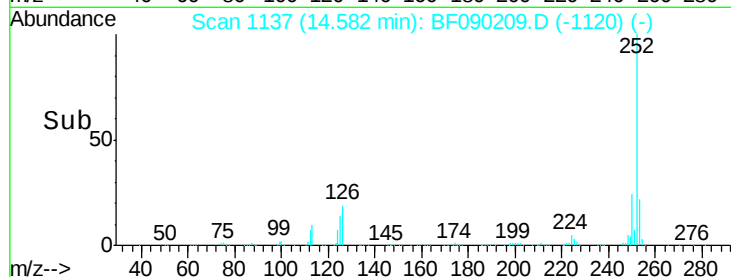
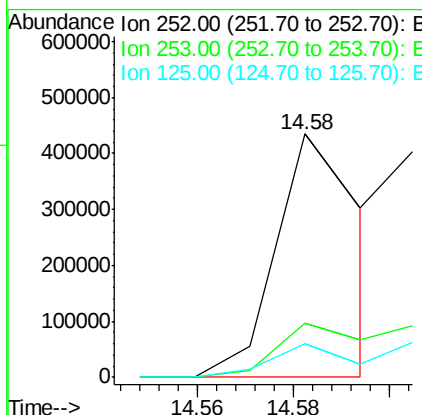
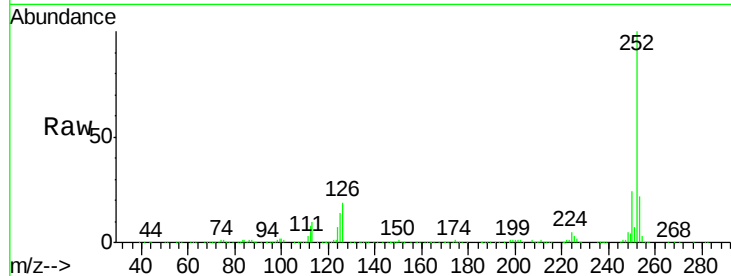
ClientSampleId :

TRACK-D-GRID-17BMSD

Tot Ion:	252	Resp:	544897
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	13.9	12.7	19.1

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#88

Benzo(k)fluoranthene

Concen: 42.96 ng m

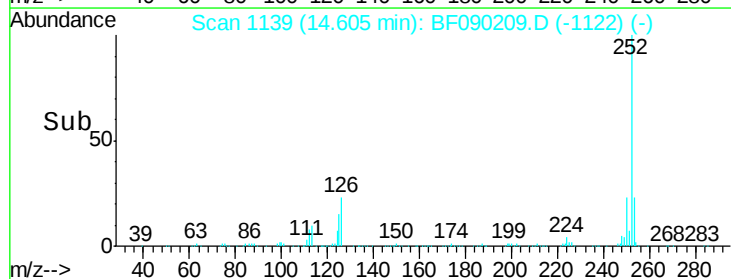
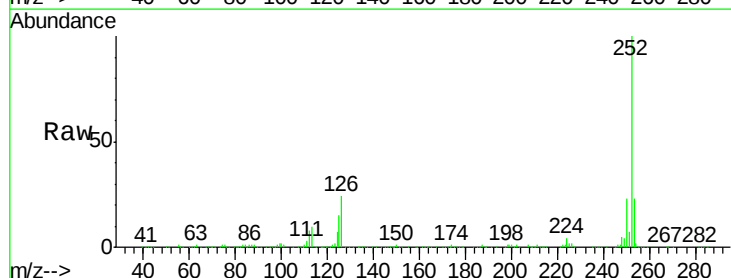
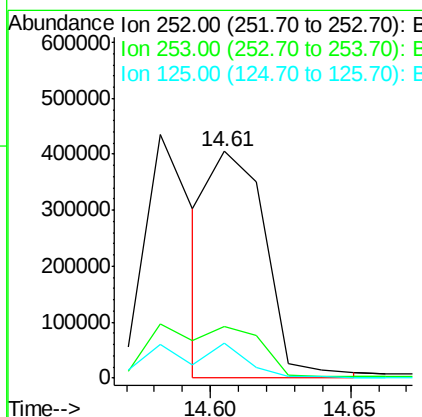
RT: 14.61 min Scan# 1139

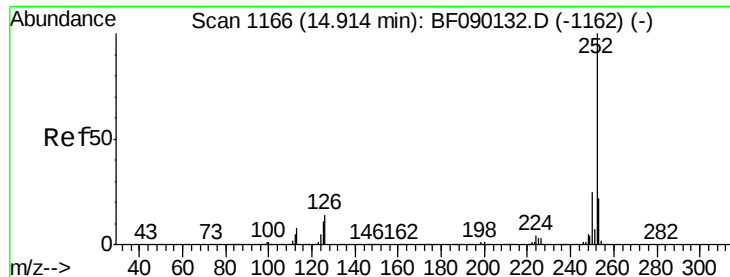
Delta R.T. -0.00 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tgt Ion:	252	Resp:	551091
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	15.4	7.8	11.6#





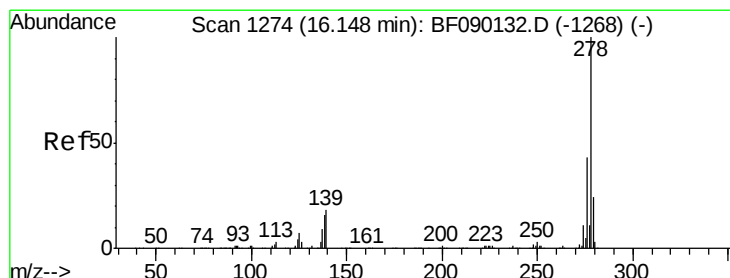
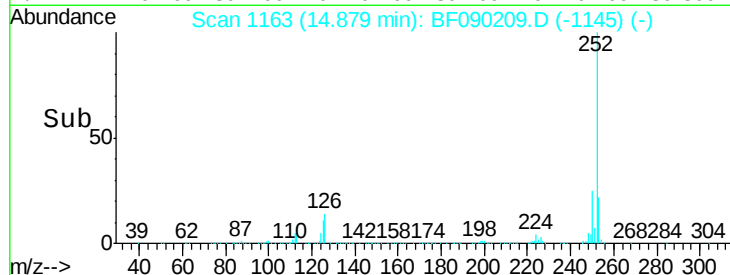
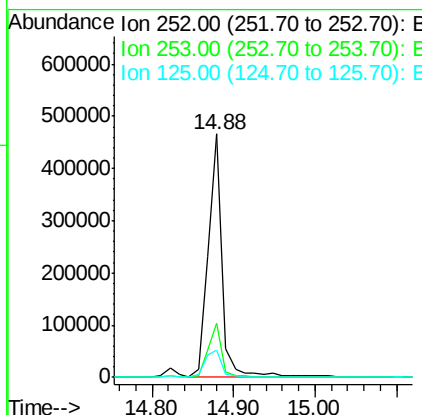
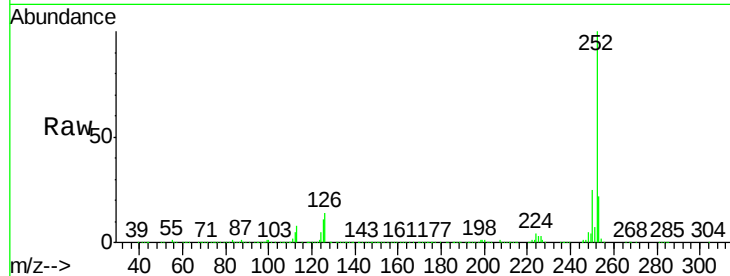
#89
Benzo(a)pyrene
Concen: 42.84 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	11.2	7.7	11.5

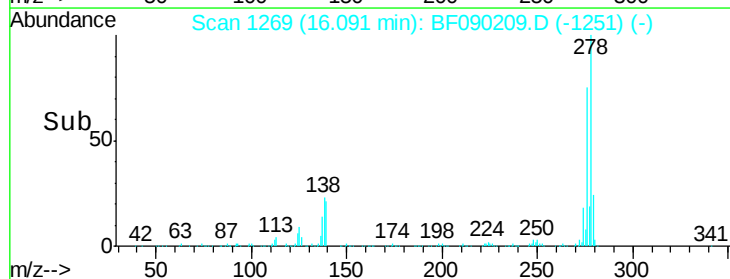
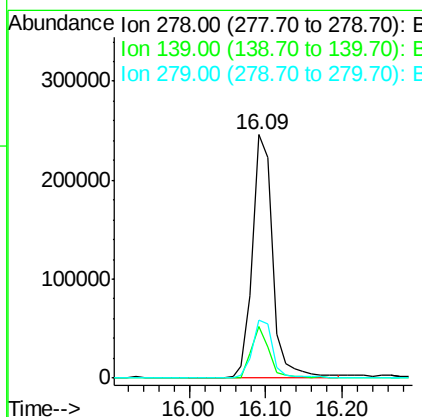
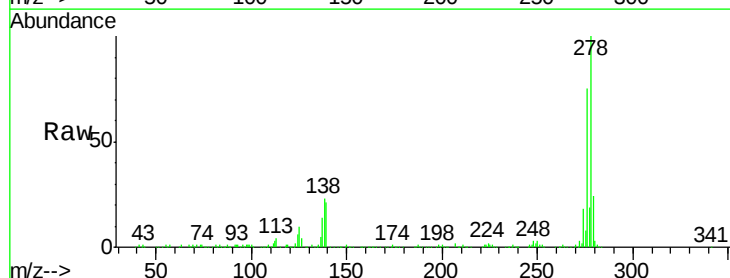
Manual Integrations
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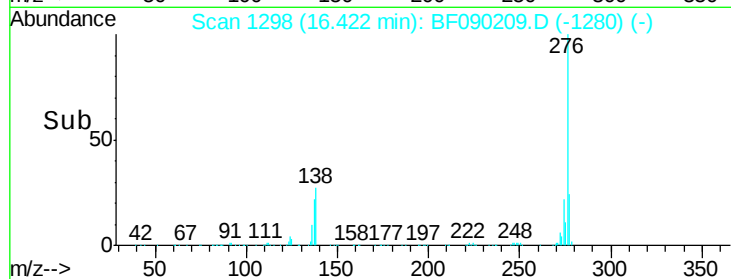
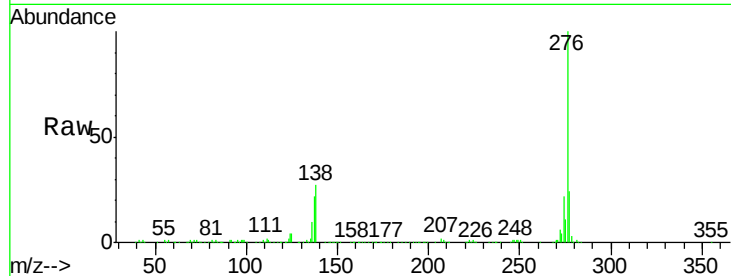
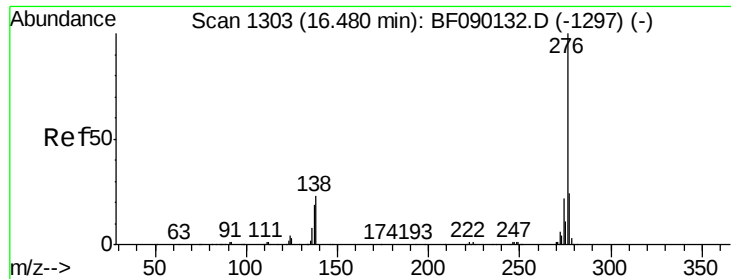
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 44.86 ng
RT: 16.09 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF090209.D
Acq: 23 Sep 2016 20:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.6	21.8
279	23.7	18.8	28.2





#91

Benzo(a,h,i)perylene

Concen: 43.53 ng

RT: 16.42 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF090209.D

Acq: 23 Sep 2016 20:33

Tot Ion:	276	Resp:	427447
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	26.7	23.3	34.9

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-17BMSD

Manual Integrations
APPROVED

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