

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082318.D
 Acq On : 15 Oct 2015 19:28
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMdadoda
 10/16/2015 4:15:57 PM

Quant Time: Oct 16 06:05:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	112842	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	438904	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	209879	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	377448	20.00	ng	0.00
75) Chrysene-d12	14.04	240	290944	20.00	ng	-0.06
86) Perylene-d12	15.52	264	286333	20.00	ng	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	417107	74.60	ng	0.00
7) Phenol-d6	6.48	99	579552	79.65	ng	0.01
23) Nitrobenzene-d5	7.41	82	532932	81.54	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	129390	65.74	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1067118	84.32	ng	0.00
78) Terphenyl-d14	12.96	244	860982	78.42	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	97579	34.74	ng	98
3) Pyridine	3.09	79	241557	36.97	ng	98
4) n-Nitrosodimethylamine	3.05	42	110012	39.70	ng	96
6) Aniline	6.49	93	358376	38.20	ng	# 33
8) 2-Chlorophenol	6.62	128	269249	39.45	ng	96
9) Benzaldehyde	6.38	77	166588	44.83	ng	94
10) Phenol	6.49	94	338906	40.40	ng	# 72
11) bis(2-Chloroethyl)ether	6.57	93	266418	37.56	ng	99
12) 1,3-Dichlorobenzene	6.77	146	309502	38.94	ng	99
13) 1,4-Dichlorobenzene	6.85	146	328762	39.60	ng	100
14) 1,2-Dichlorobenzene	6.99	146	264330	33.53	ng	99
15) Benzyl Alcohol	6.98	79	217724	43.35	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.11	45	340984	34.52	ng	83
17) 2-Methylphenol	7.10	107	211311	39.15	ng	96
18) Hexachloroethane	7.34	117	90271	31.77	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	197418	38.64	ng	97
20) 3+4-Methylphenols	7.26	107	266645	41.46	ng	# 66
22) Acetophenone	7.25	105	346639	39.93	ng	93
24) Nitrobenzene	7.42	77	257777	36.44	ng	97
25) Isophorone	7.66	82	494094	37.46	ng	99
26) 2-Nitrophenol	7.74	139	95866	27.14	ng	97
27) 2,4-Dimethylphenol	7.78	122	243360	42.76	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	328203	42.76	ng	99
29) 2,4-Dichlorophenol	7.99	162	218065	38.33	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	254297	38.78	ng	97
31) Naphthalene	8.14	128	696120	36.59	ng	100
32) Benzoic acid	7.93	122	41826m	10.95	ng	
33) 4-Chloroaniline	8.19	127	310011	39.23	ng	97
34) Hexachlorobutadiene	8.25	225	159949	39.15	ng	99
35) Caprolactam	8.58	113	57707	34.95	ng	# 84
36) 4-Chloro-3-methylphenol	8.69	107	234797	42.20	ng	97
37) 2-Methylnaphthalene	8.83	142	528625	40.08	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	246677	39.51	ng	97
40) Hexachlorocyclopentadiene	8.98	237	5135	9.76	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	152266	36.72	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	155927	34.72	nq	97
45) 1,1'-Biphenyl	9.30	154	670216	41.88	nq	95
46) 2-Chloronaphthalene	9.33	162	516117	40.97	nq	96
47) 2-Nitroaniline	9.43	65	161396	46.66	nq	# 87
48) Acenaphthylene	9.74	152	733461	37.37	nq	99
49) Dimethylphthalate	9.60	163	605912	41.00	nq	100
50) 2,6-Dinitrotoluene	9.67	165	111434	35.73	nq	# 76
51) Acenaphthene	9.91	154	418869	35.55	nq	98
52) 3-Nitroaniline	9.84	138	145060	41.18	nq	84
53) 2,4-Dinitrophenol	9.95	184	267	6.54	nq	# 1
54) Dibenzofuran	10.08	168	610753	37.76	nq	97
55) 4-Nitrophenol	10.01	139	58421	31.39	nq	92
56) 2,4-Dinitrotoluene	10.07	165	141869	36.40	nq	87
57) Fluorene	10.42	166	487800	36.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	107968	29.42	nq	94
59) Diethylphthalate	10.30	149	563692	40.92	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	264269	43.42	nq	# 82
61) 4-Nitroaniline	10.46	138	142784	41.79	nq	95
62) Azobenzene	10.58	77	527854	39.15	nq	84
65) n-Nitrosodiphenylamine	10.54	169	457372	40.47	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	157854	41.79	nq	# 82
67) Hexachlorobenzene	10.97	284	158371	38.77	nq	# 74
68) Atrazine	11.07	200	151634	42.35	nq	98
69) Pentachlorophenol	11.18	266	47248	22.48	nq	99
70) Phenanthrene	11.39	178	745745	40.31	nq	100
71) Anthracene	11.44	178	720884	37.81	nq	99
72) Carbazole	11.60	167	603996	34.73	nq	100
73) Di-n-butylphthalate	11.93	149	950210	44.29	nq	99
74) Fluoranthene	12.58	202	687725	34.61	nq	99
76) Benzidine	12.71	184	323637	38.39	nq	99
77) Pyrene	12.81	202	644030	37.30	nq	99
79) Butylbenzylphthalate	13.43	149	288099	36.56	nq	88
80) Benzo(a)anthracene	14.02	228	590385	39.00	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	237036	41.25	nq	# 97
82) Chrysene	14.06	228	589148	36.94	nq	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	393619	35.01	nq	# 96
84) Di-n-octyl phthalate	14.66	149	718807	37.23	nq	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	550796	43.45	nq	100
87) Benzo(b)fluoranthene	15.10	252	697172m	40.02	nq	
88) Benzo(k)fluoranthene	15.13	252	491881m	33.59	nq	
89) Benzo(a)pyrene	15.46	252	570387	38.10	nq	97
90) Dibenzo(a,h)anthracene	16.97	278	459419	37.45	nq	99
91) Benzo(g,h,i)perylene	17.38	276	406466	34.10	nq	98

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

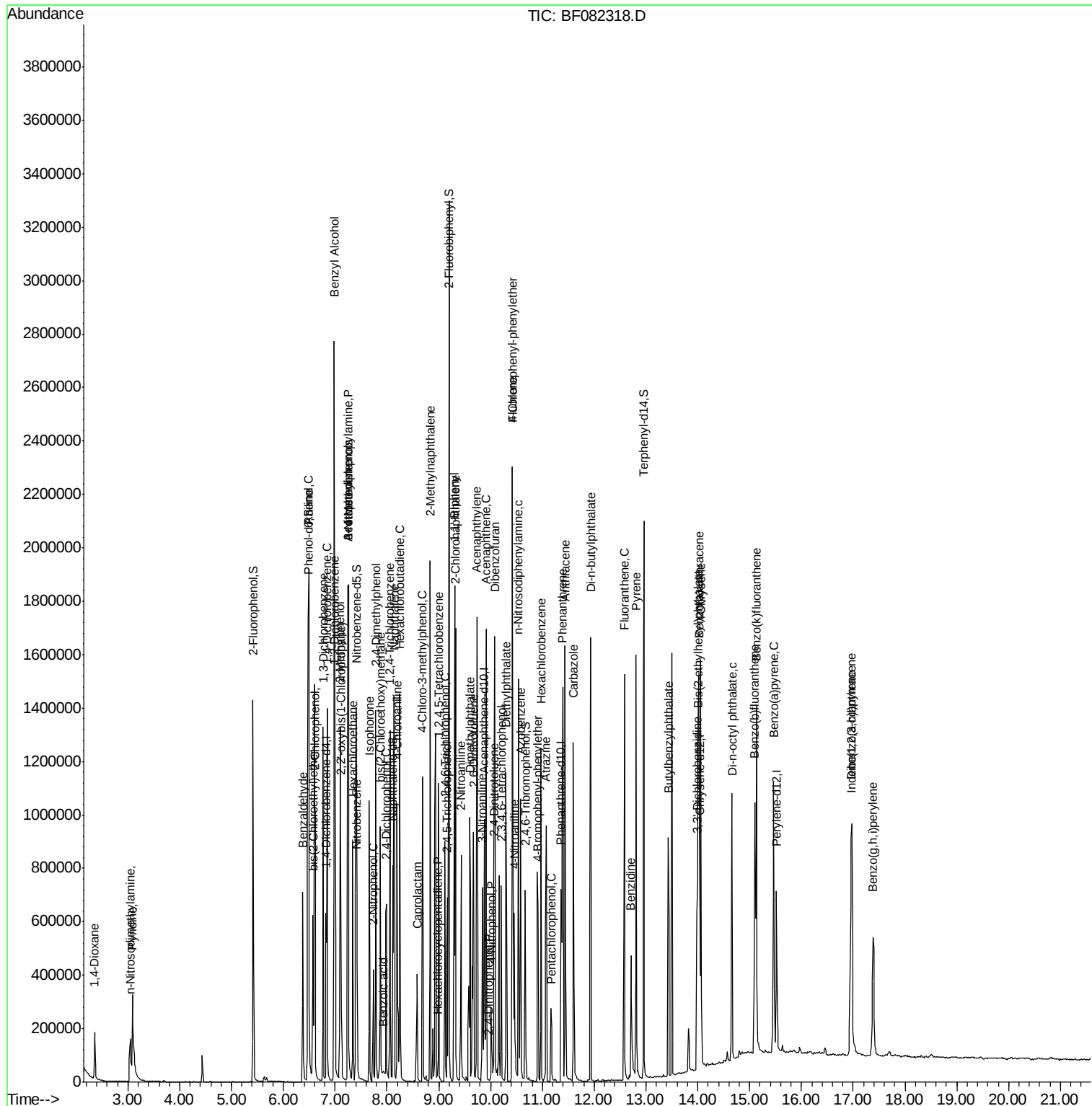
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
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Acq On    : 15 Oct 2015   19:28
Operator  : UM/IZ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
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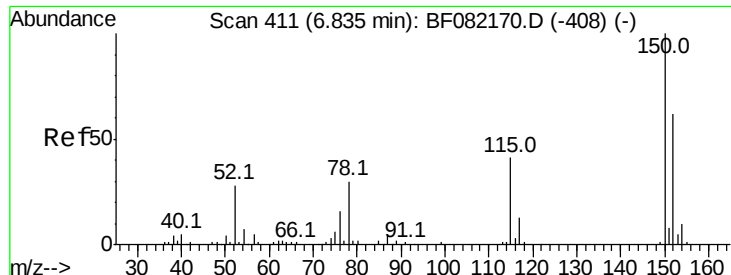
Instrument :
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ClientSampleId :
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Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

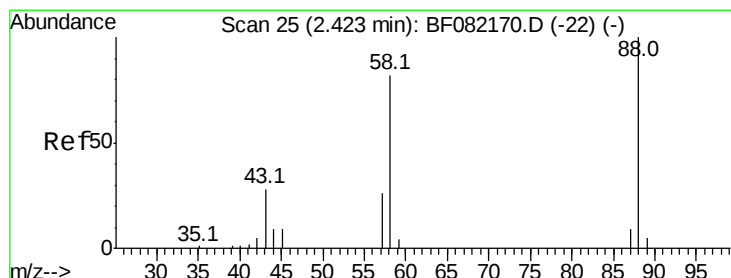
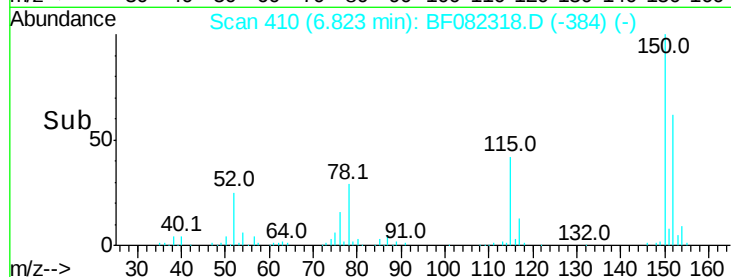
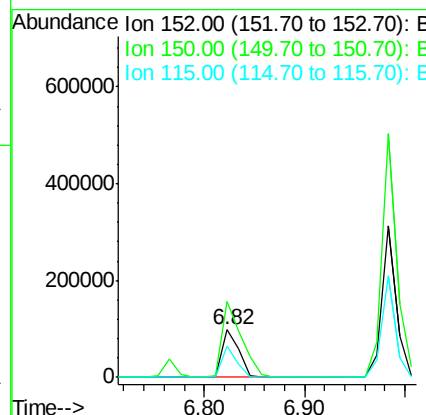
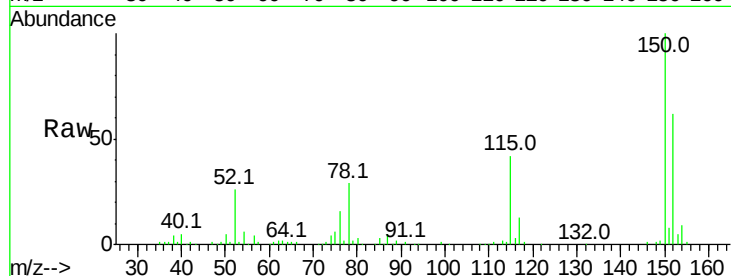
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	112842
Ion Ratio	Lower	Upper	
152	100		
150	160.4	129.0	193.4
115	66.6	52.1	78.1

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#2

1,4-Dioxane

Concen: 34.74 ng

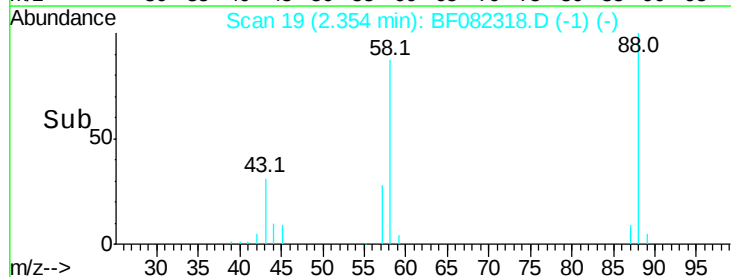
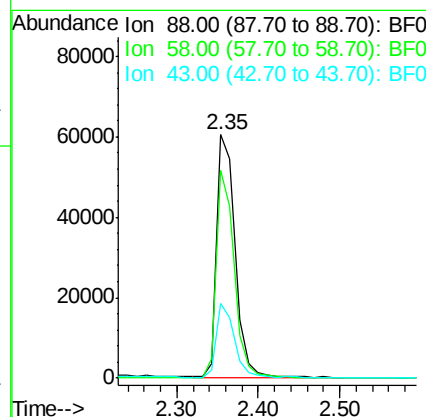
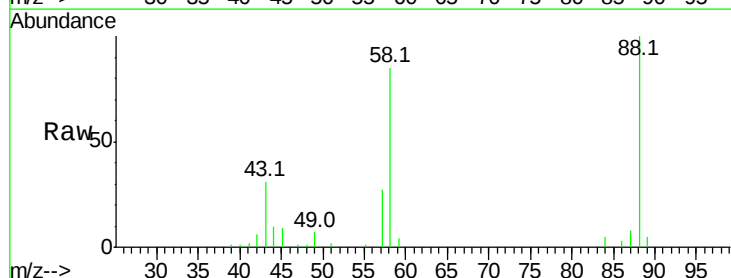
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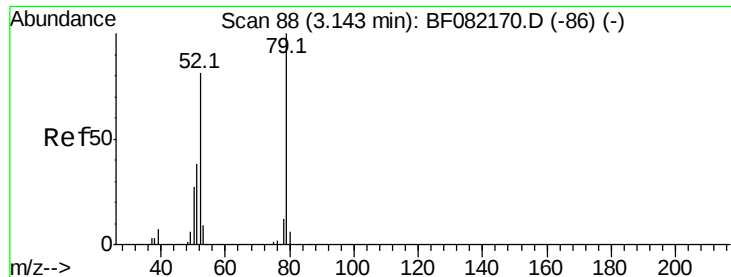
Delta R.T. -0.01 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	88	Resp:	97579
Ion Ratio	Lower	Upper	
88	100		
58	81.0	66.2	99.4
43	29.7	23.0	34.4





#3

Pvridine

Concen: 36.97 ng

RT: 3.09 min Scan# 83

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

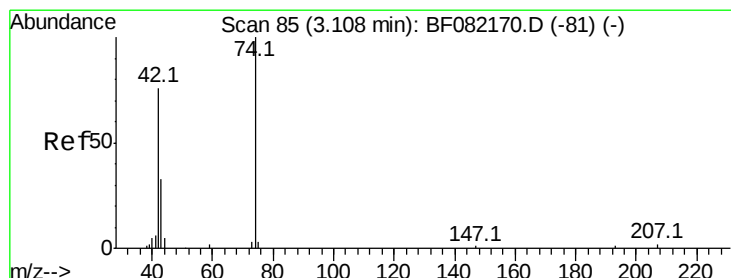
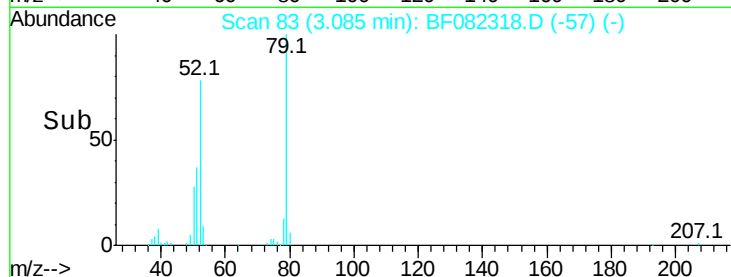
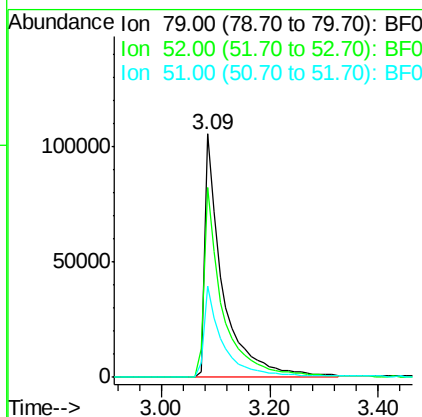
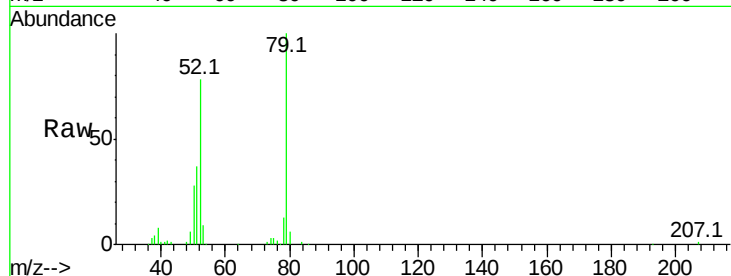
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	241557
Ion Ratio	Lower	Upper	
79	100		
52	77.9	64.4	96.6
51	37.4	30.5	45.7

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#4

n-Nitrosodimethylamine

Concen: 39.70 ng

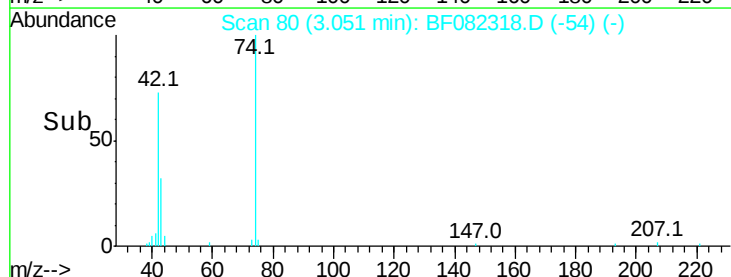
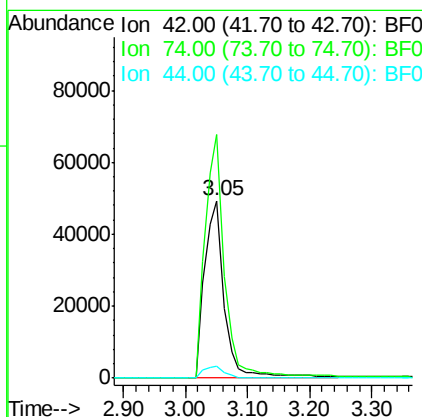
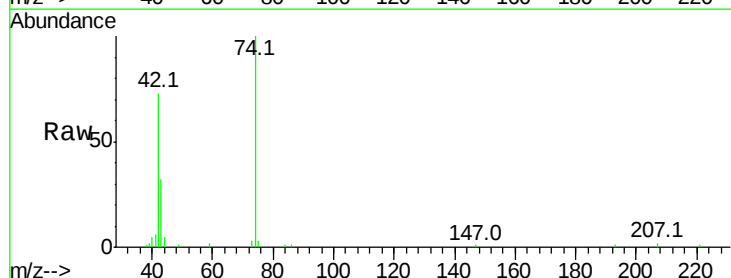
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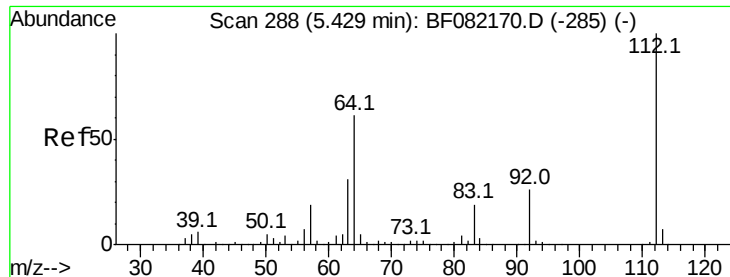
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	42	Resp:	110012
Ion Ratio	Lower	Upper	
42	100		
74	137.1	105.7	158.5
44	6.9	5.4	8.2





#5

2-Fluorophenol

Concen: 74.60 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

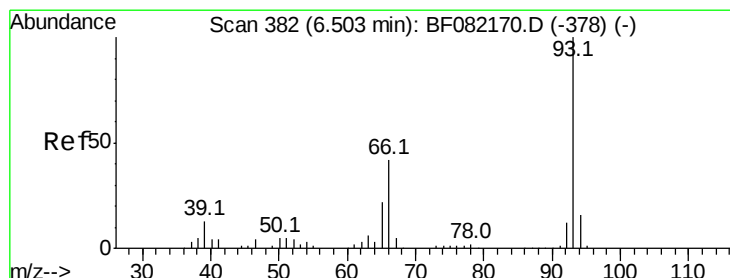
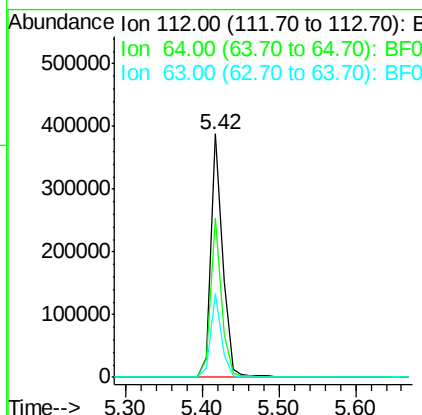
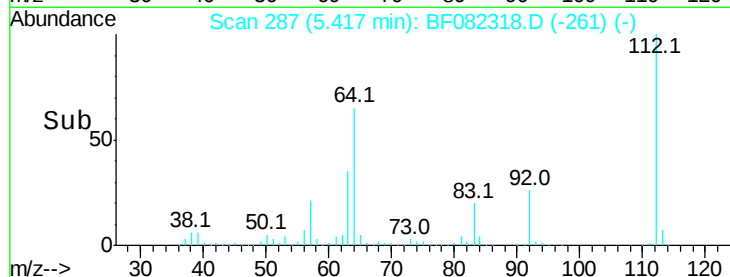
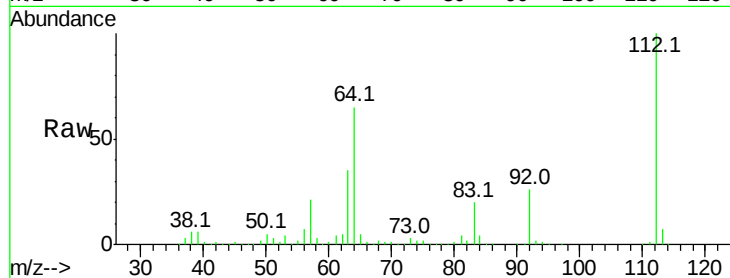
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	112	Resp:	417107
Ion Ratio	Lower	Upper	
112	100		
64	65.3	48.6	73.0
63	34.5	25.1	37.7



#6

Aniline

Concen: 38.20 ng

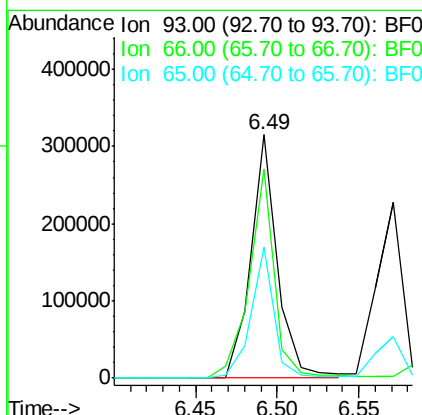
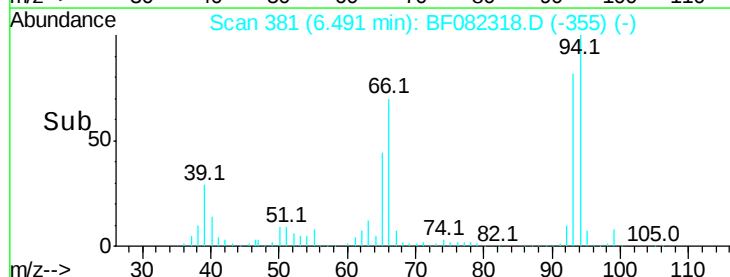
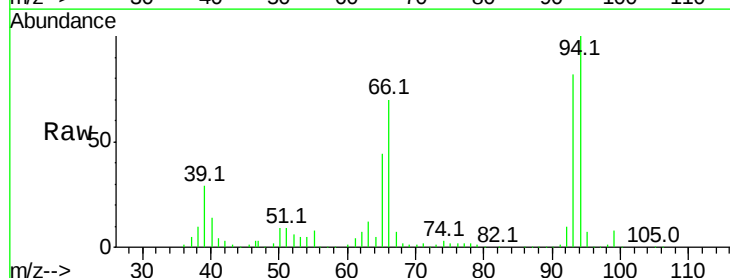
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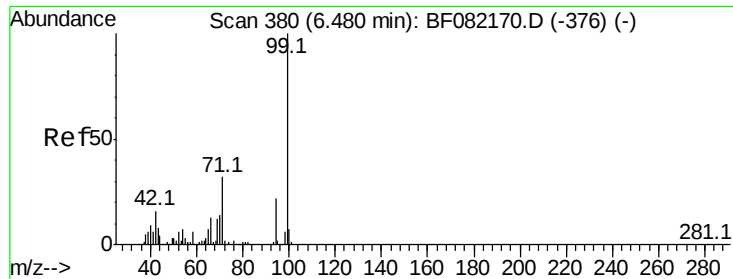
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	93	Resp:	358376
Ion Ratio	Lower	Upper	
93	100		
66	85.7	34.2	51.2#
65	53.7	17.9	26.9#





#7

Phenol-d6

Concen: 79.65 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

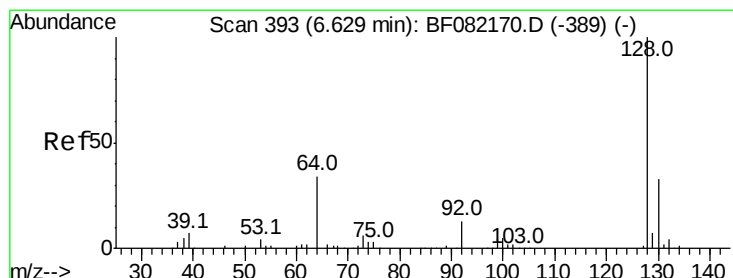
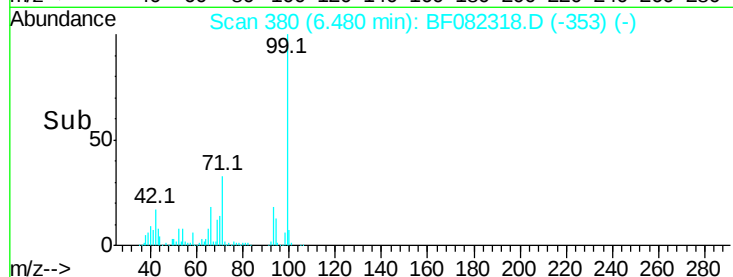
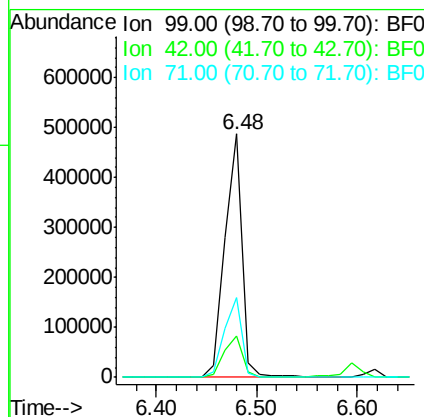
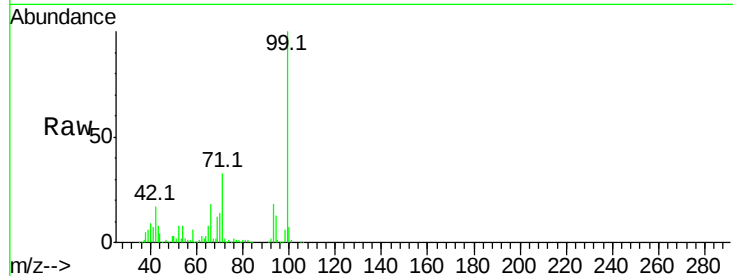
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	579552
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.2	19.8
71	33.0	25.6	38.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.45 ng

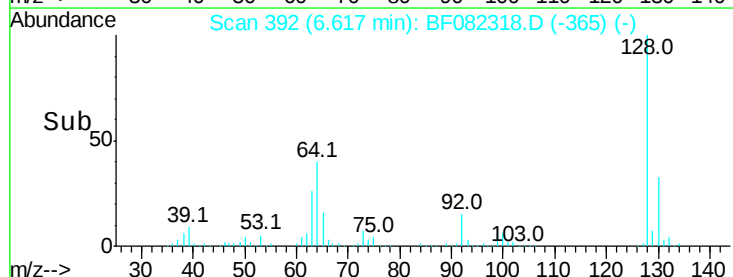
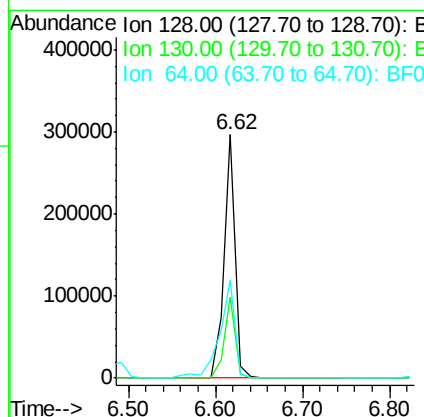
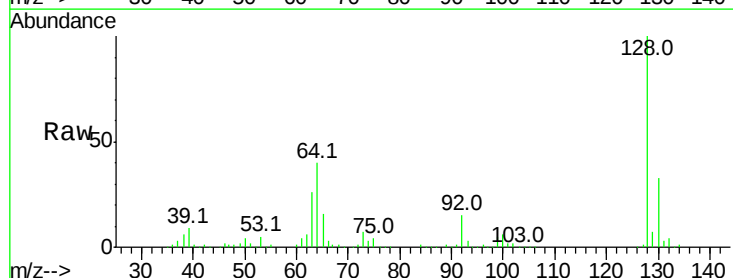
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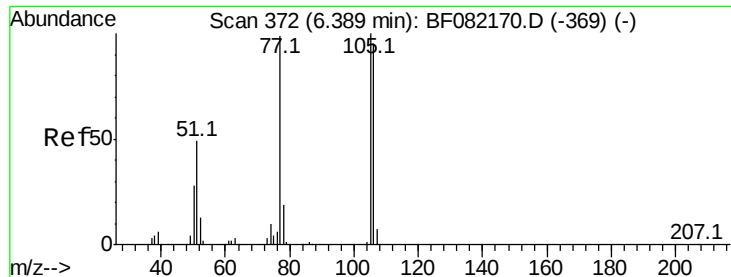
Delta R.T. 0.01 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	128	Resp:	269249
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.6	52.6
64	40.2	16.7	56.7





#9

Benzaldehyde

Concen: 44.83 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

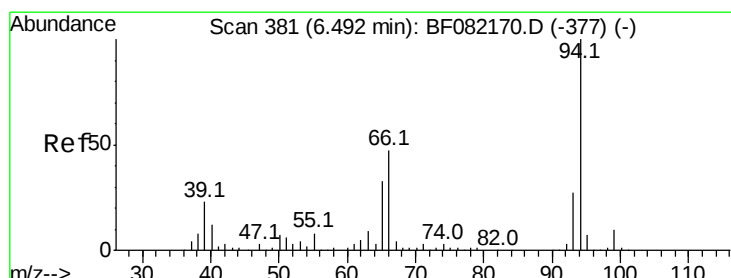
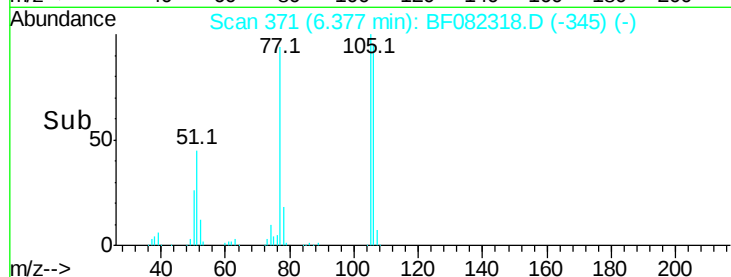
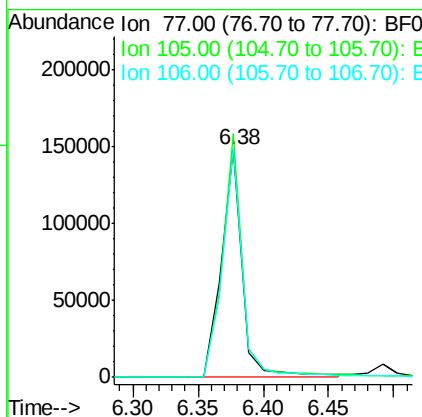
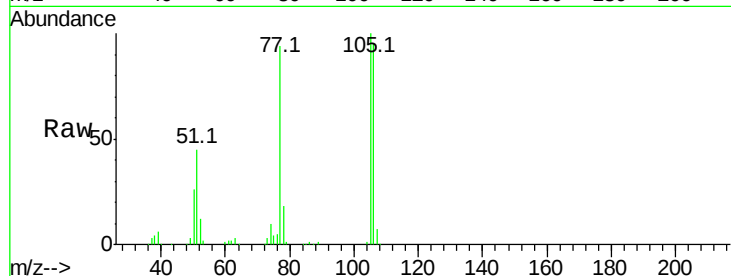
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Tot Ion	Ratio	Lower	Upper
77	100		
105	106.7	80.6	120.6
106	100.9	75.5	115.5



#10

Phenol

Concen: 40.40 ng

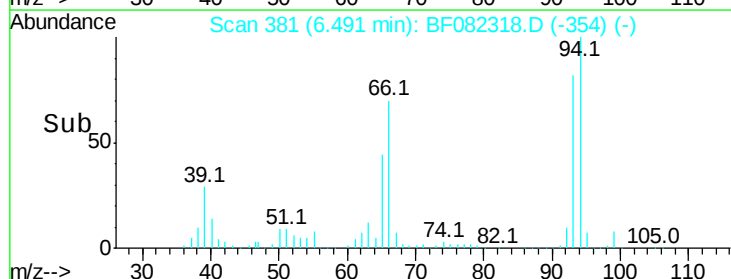
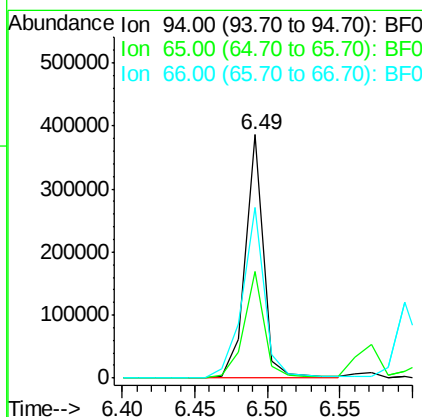
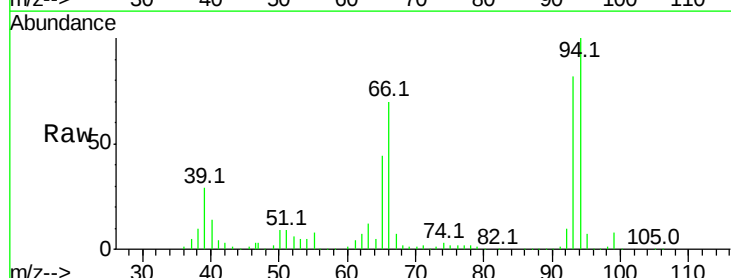
RT: 6.49 min Scan# 381

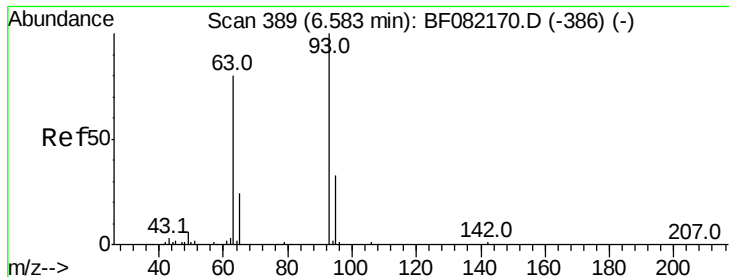
Delta R.T. 0.01 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.8	12.6	52.6
66	70.0	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 37.56 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

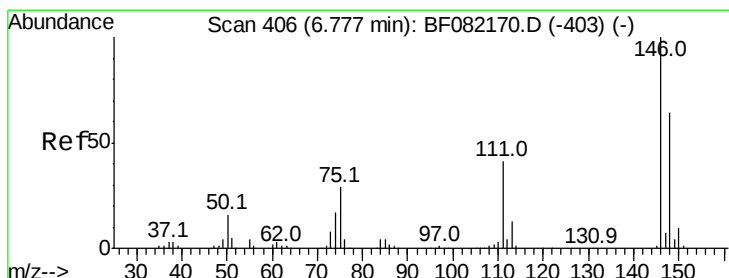
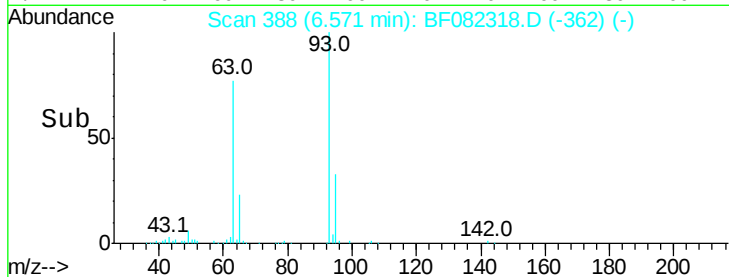
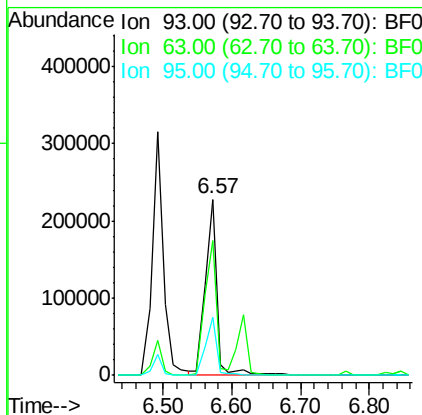
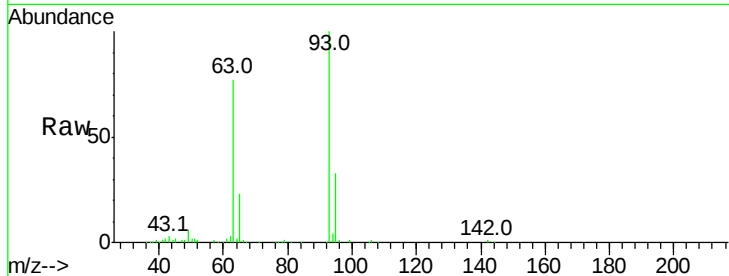
ClientSampleId :

SSTDCCC040EC

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Tot Ion	93	Resp	266418
Ion Ratio	Lower	Upper	
93	100		
63	76.6	57.1	97.1
95	32.6	11.9	51.9



#12

1,3-Dichlorobenzene

Concen: 38.94 ng

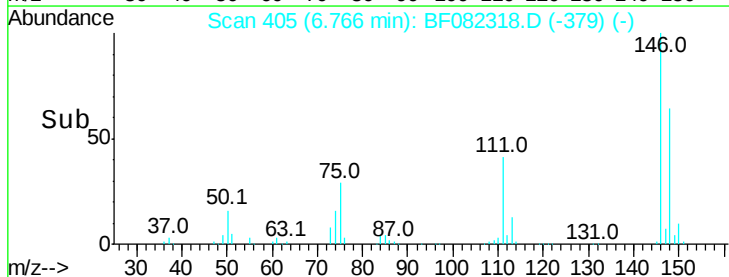
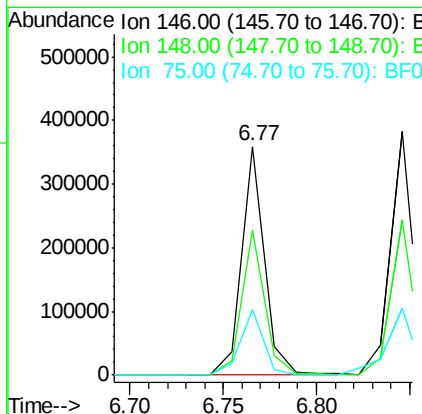
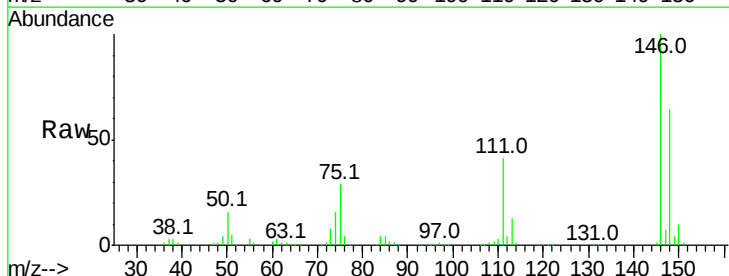
RT: 6.77 min Scan# 405

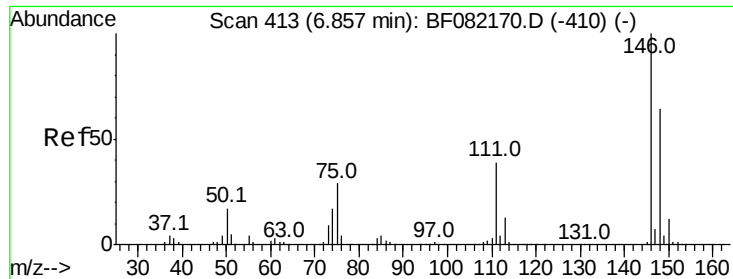
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion	146	Resp	309502
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.2
75	28.7	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 39.60 ng

RT: 6.85 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

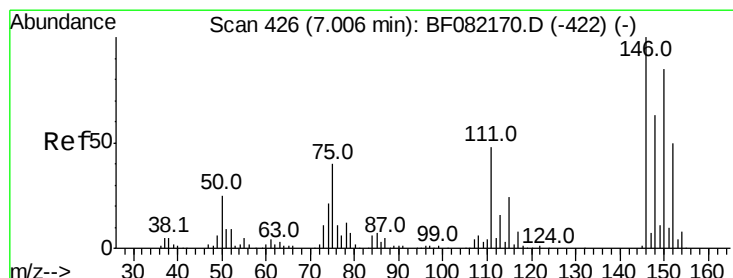
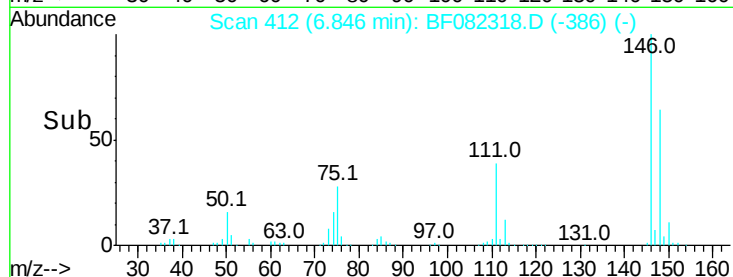
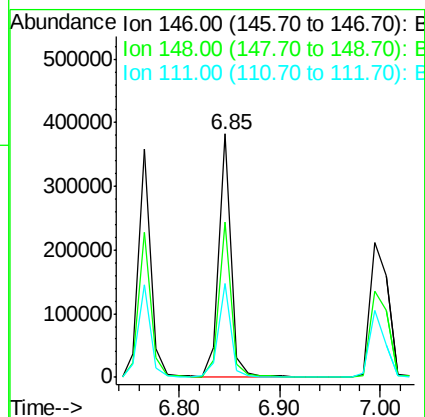
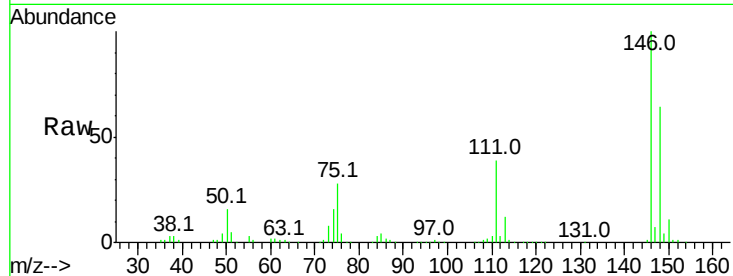
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	328762
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.0	76.4
111	38.6	31.1	46.7

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#14

1,2-Dichlorobenzene

Concen: 33.53 ng

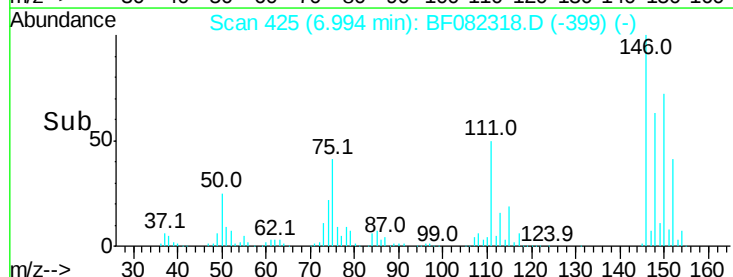
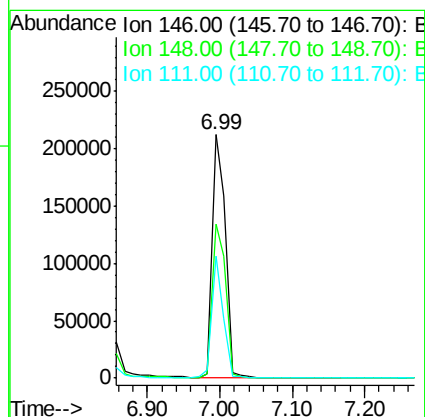
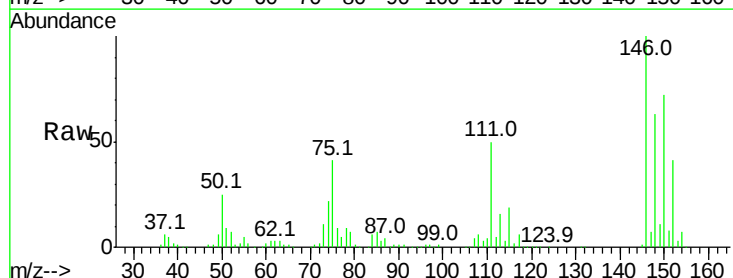
RT: 6.99 min Scan# 425

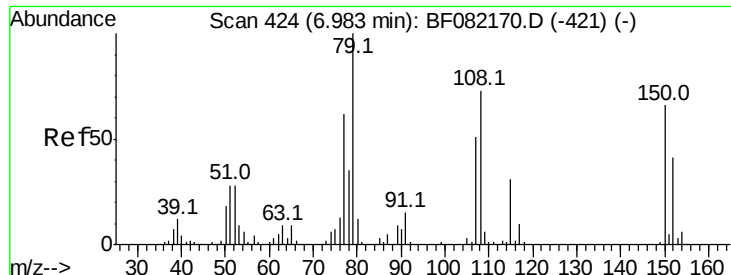
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	146	Resp:	264330
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.5	75.7
111	50.0	38.5	57.7





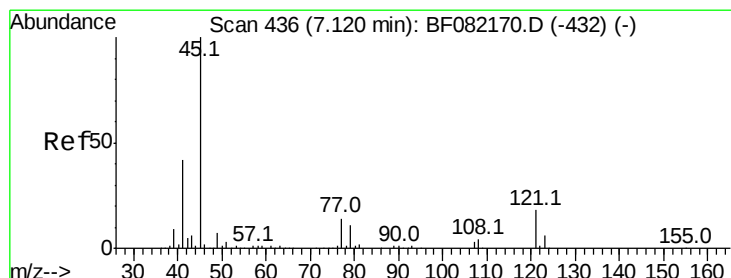
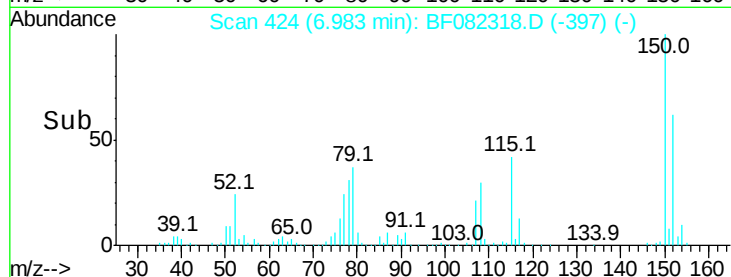
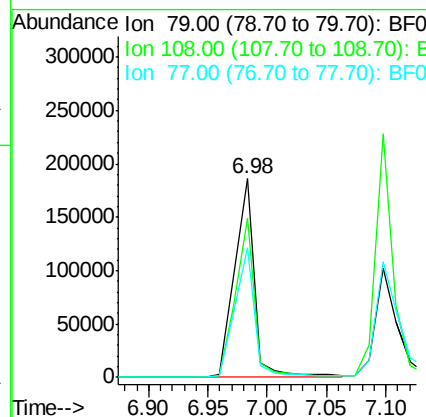
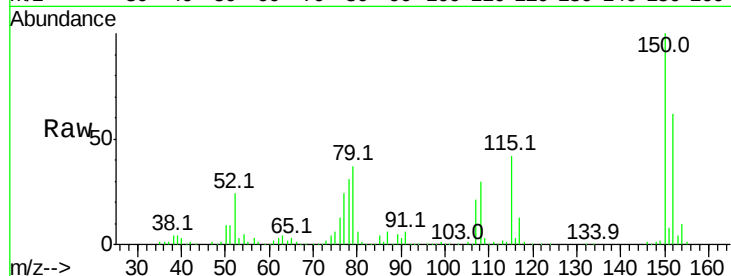
#15
Benzyl Alcohol
Concen: 43.35 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.4	58.4	87.6
77	65.4	49.8	74.6

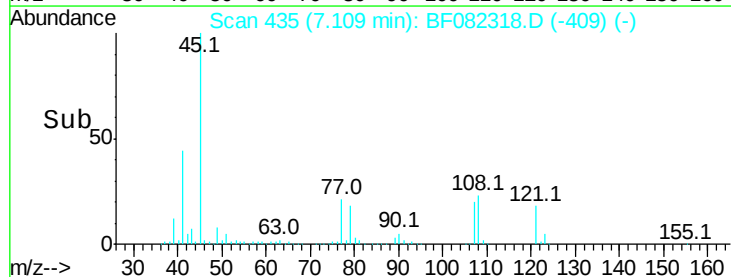
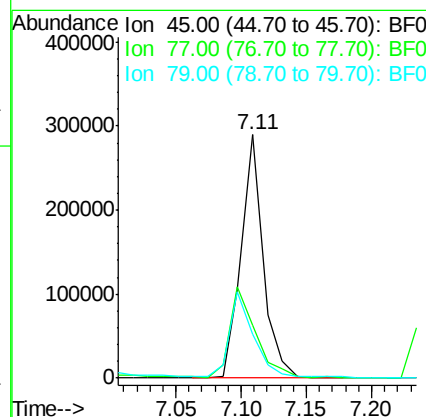
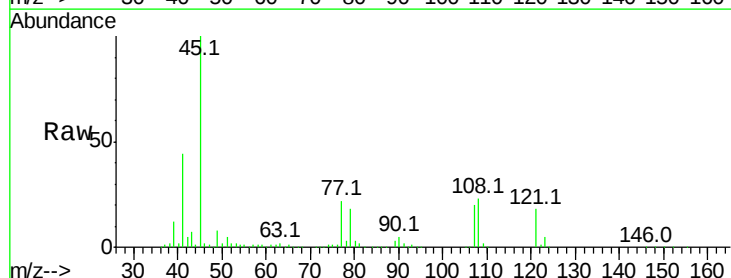
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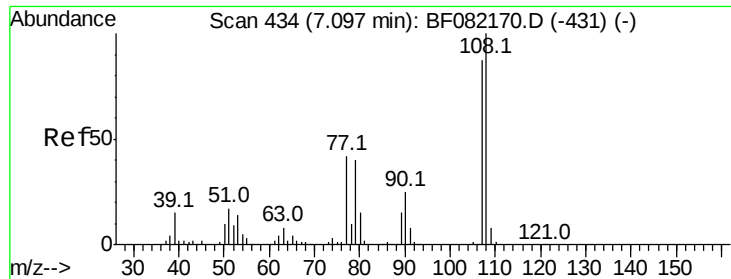
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.52 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.5	0.0	34.5
79	17.9	0.0	31.6





#17

2-Methylphenol

Concen: 39.15 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

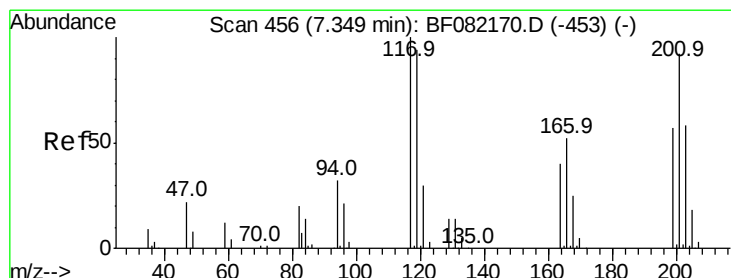
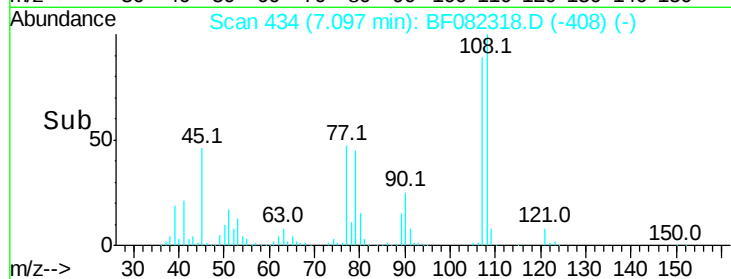
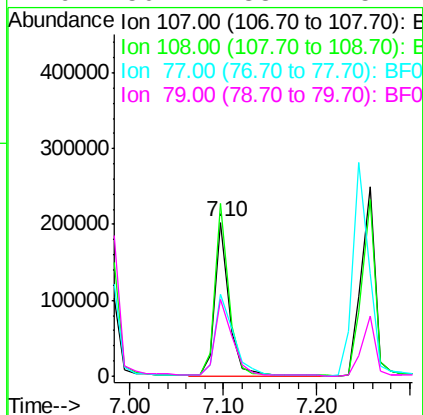
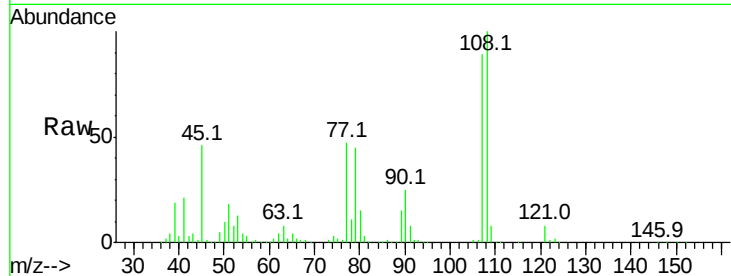
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	211311		
108	112.3	92.2	138.2	
77	53.2	39.6	59.4	
79	50.1	38.2	57.4	

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#18

Hexachloroethane

Concen: 31.77 ng

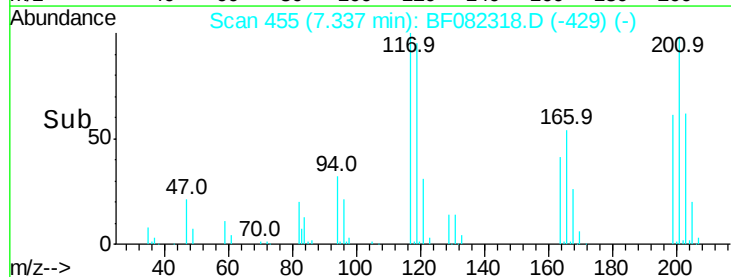
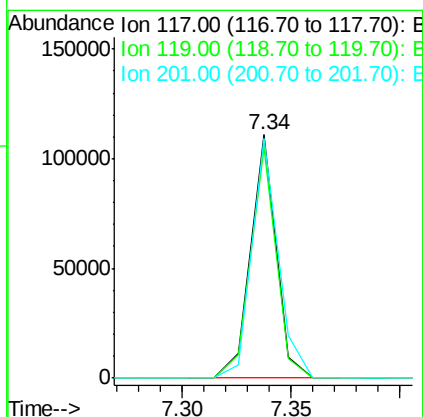
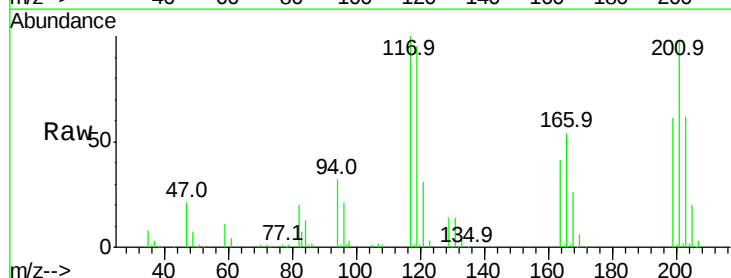
RT: 7.34 min Scan# 455

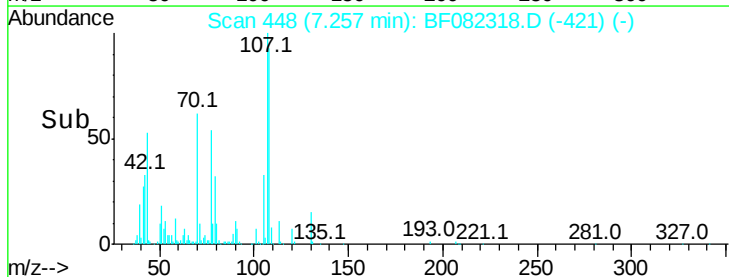
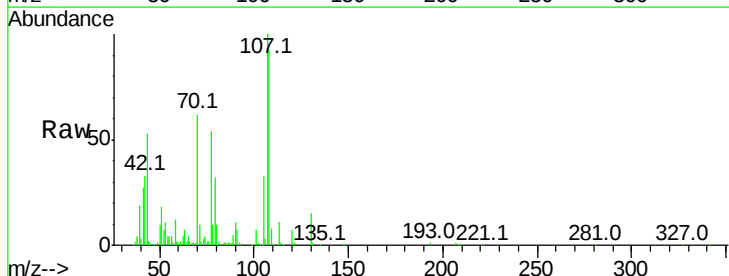
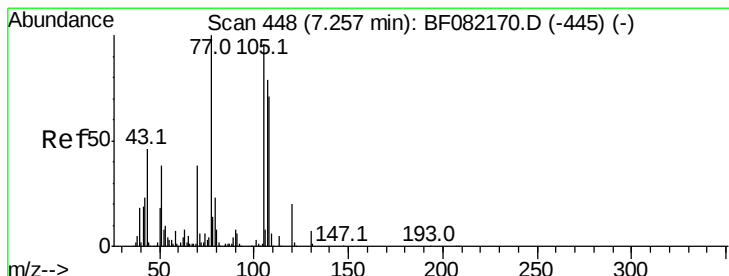
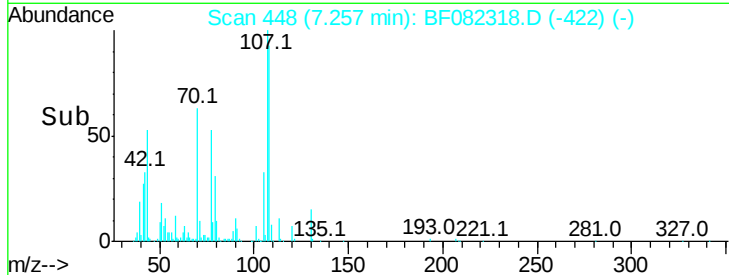
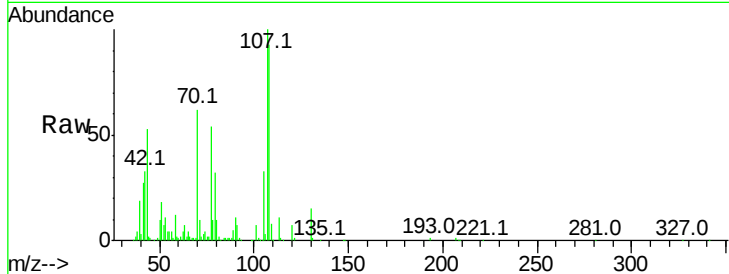
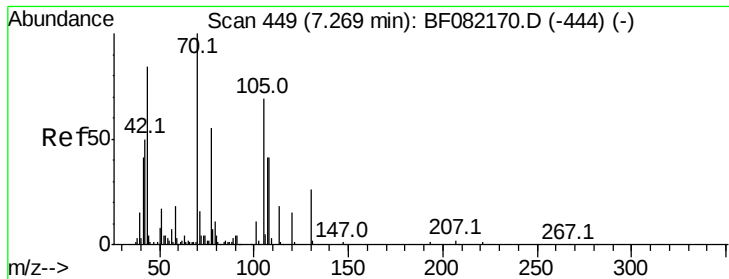
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	90271		
119	95.0	75.4	113.2	
201	98.4	73.4	110.0	





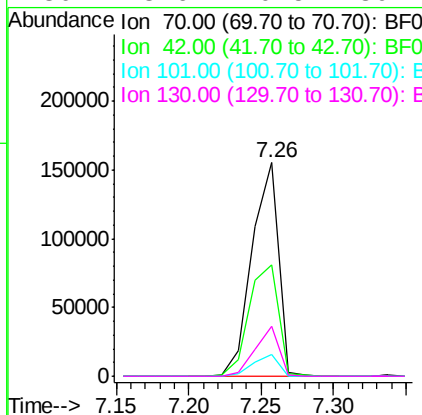
#19
n-Nitroso-di-n-propylamine
Concen: 38.64 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.2	39.8	59.8		
101	10.4	8.6	13.0		
130	23.6	20.5	30.7		

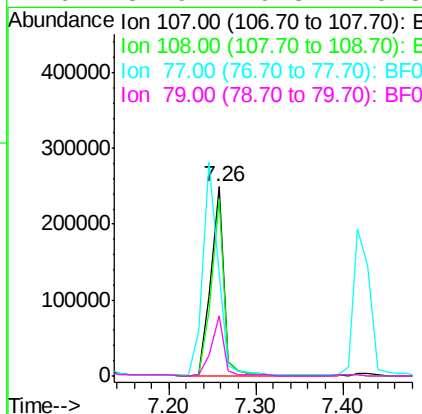
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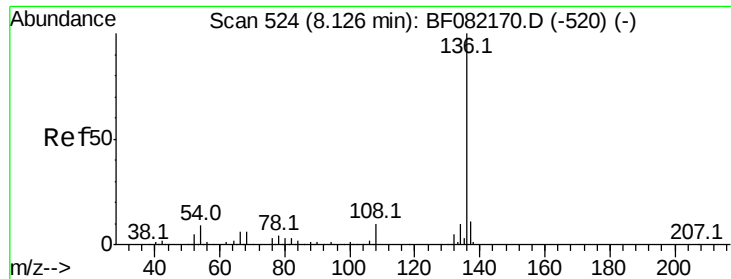
MMdadoda
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#20
3+4-Methylphenols
Concen: 41.46 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.4	69.9	109.9		
77	53.9	106.0	146.0		
79	31.9	9.8	49.8		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082318.D

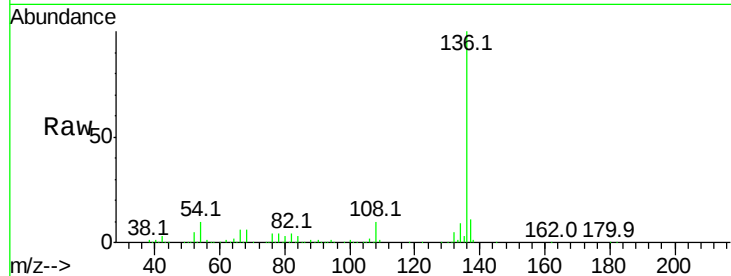
Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tot Ion:136 Resp: 438904

Ion Ratio Lower Upper

136 100

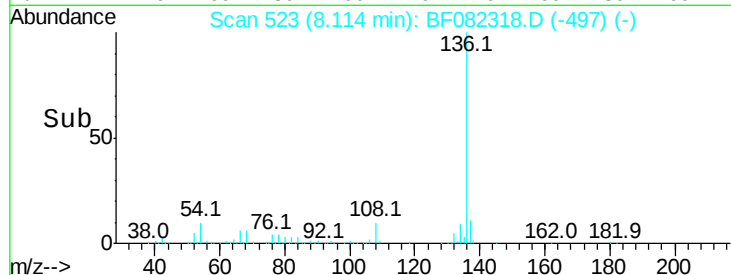
137 11.3 9.0 13.6

54 9.7 7.5 11.3

68 6.1 4.6 7.0

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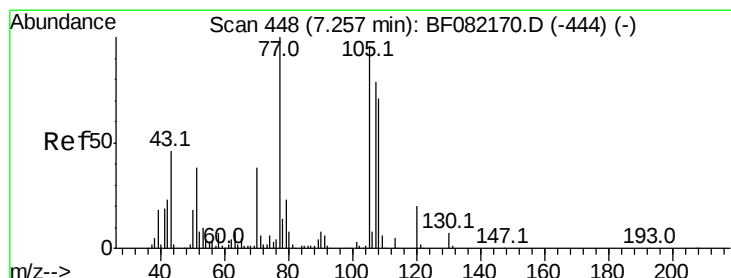
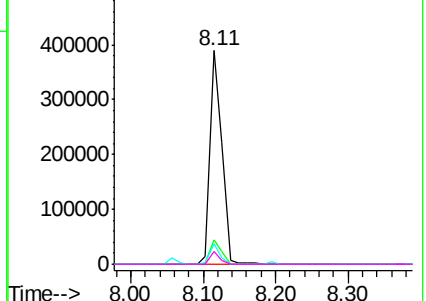


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.93 ng

RT: 7.25 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:105 Resp: 346639

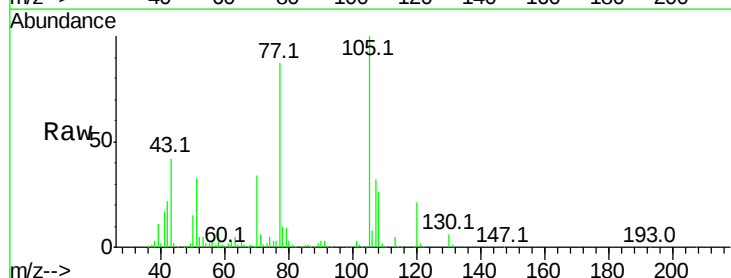
Ion Ratio Lower Upper

105 100

71 5.8 5.4 8.0

51 32.5 31.8 47.6

120 20.7 16.3 24.5

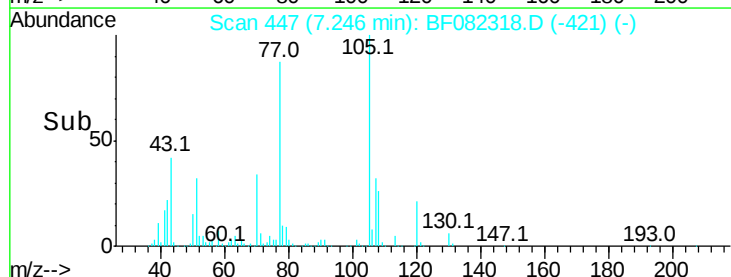
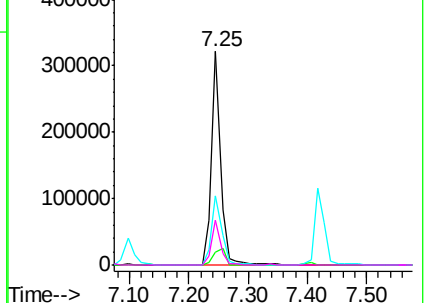


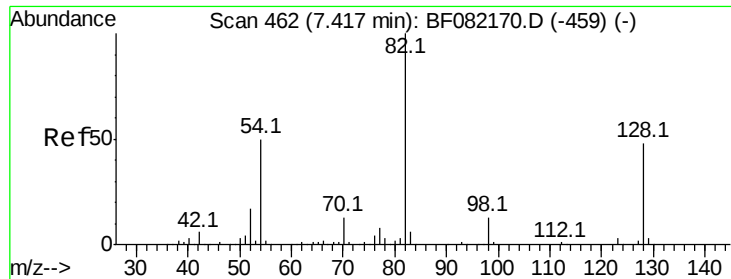
Abundance Ion 105.00 (104.70 to 105.70): E

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





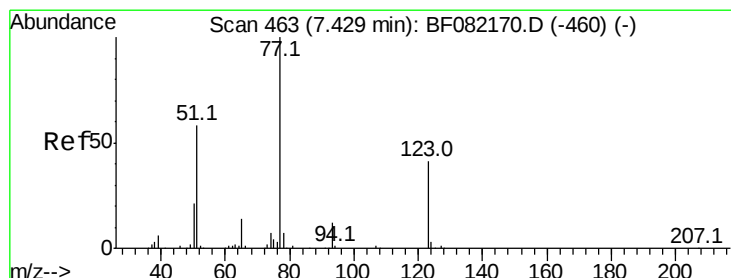
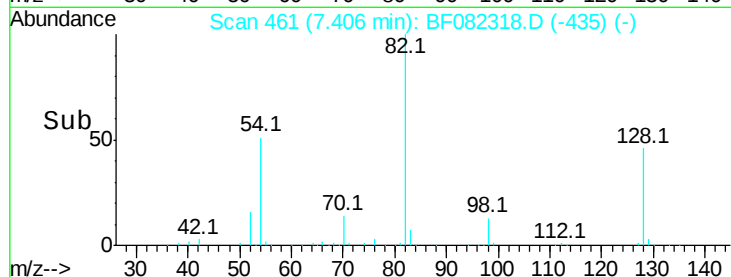
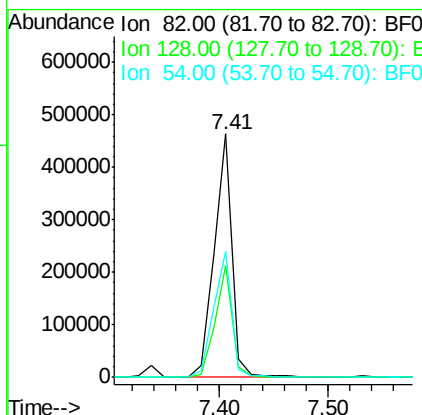
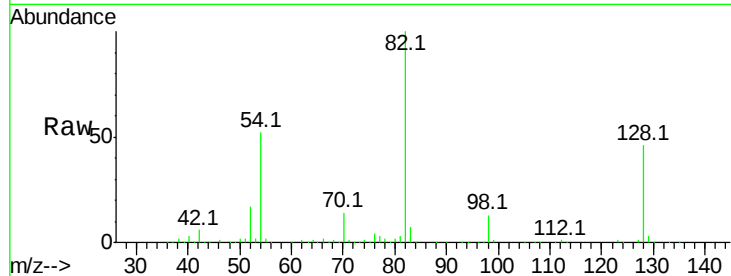
#23
 Nitrobenzene-d5
 Concen: 81.54 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.7	58.1
54	51.6	40.1	60.1

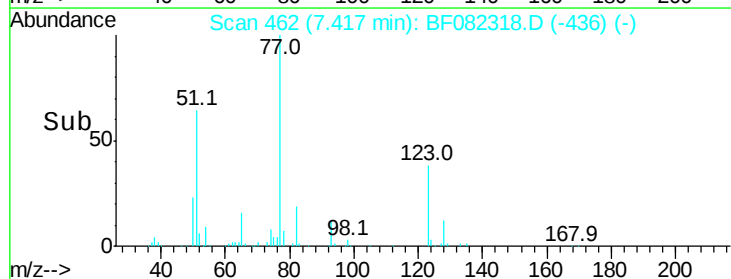
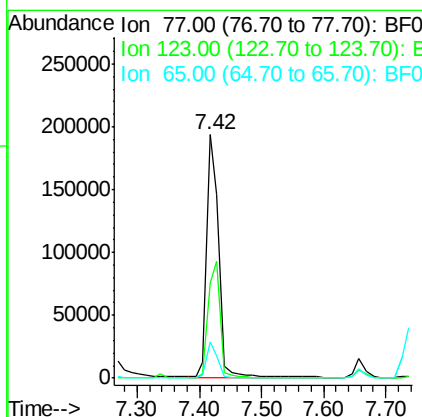
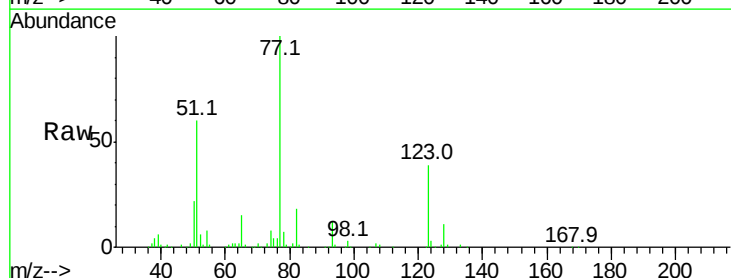
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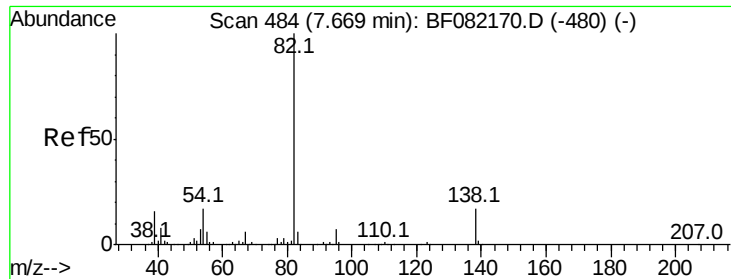
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#24
 Nitrobenzene
 Concen: 36.44 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.0	33.0	49.4
65	14.9	11.2	16.8





#25

Isophorone

Concen: 37.46 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

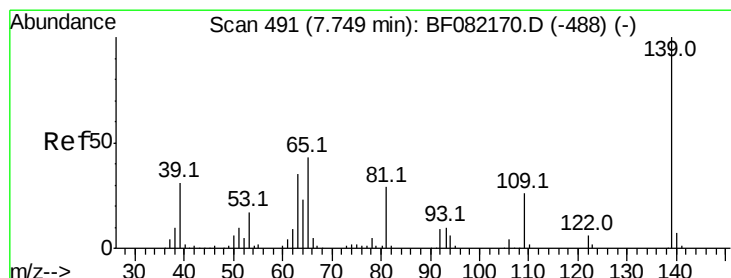
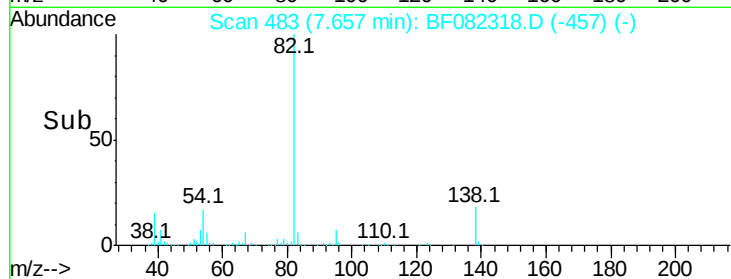
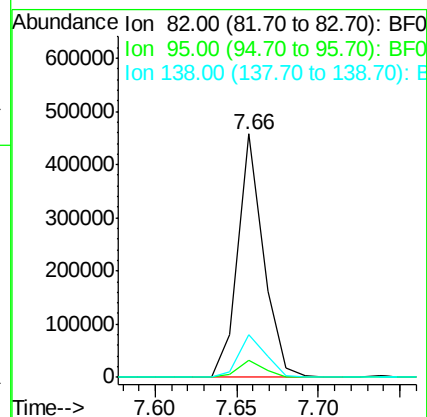
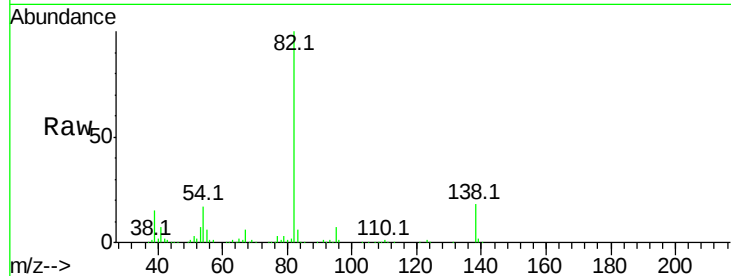
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	494094
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.6	8.4
138	17.6	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 27.14 ng

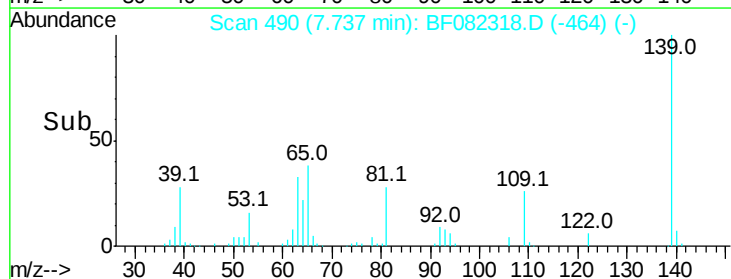
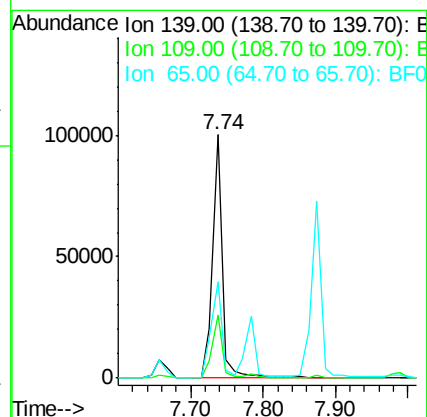
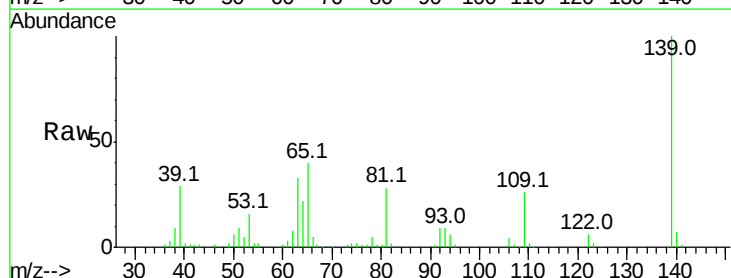
RT: 7.74 min Scan# 490

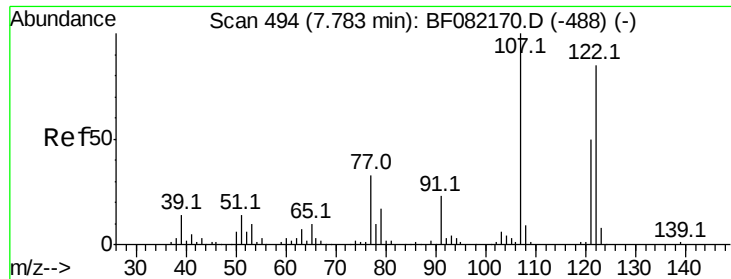
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	139	Resp:	95866
Ion Ratio	Lower	Upper	
139	100		
109	25.9	20.6	31.0
65	39.8	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 42.76 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

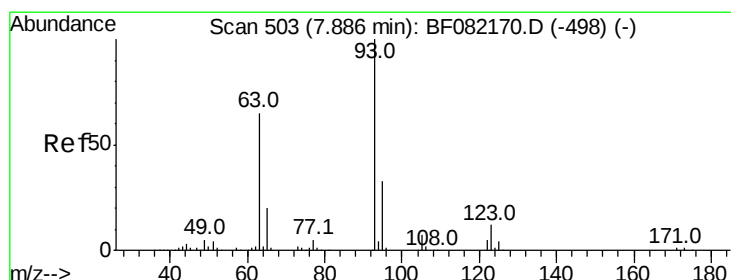
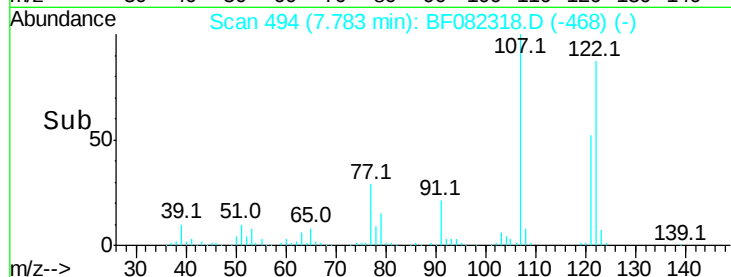
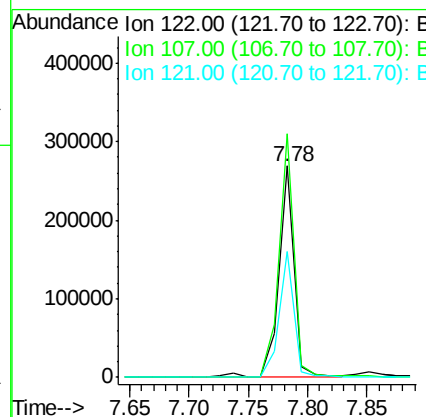
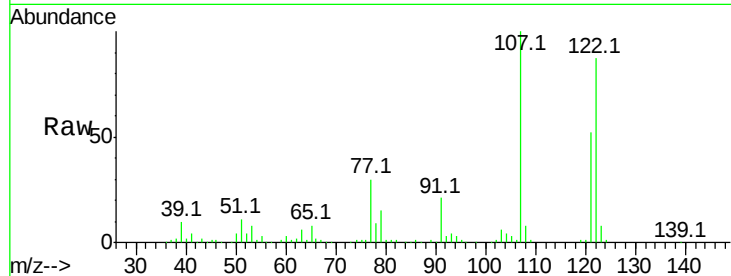
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	243360
Ion Ratio	Lower	Upper	
122	100		
107	115.4	94.0	141.0
121	59.6	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 42.76 ng

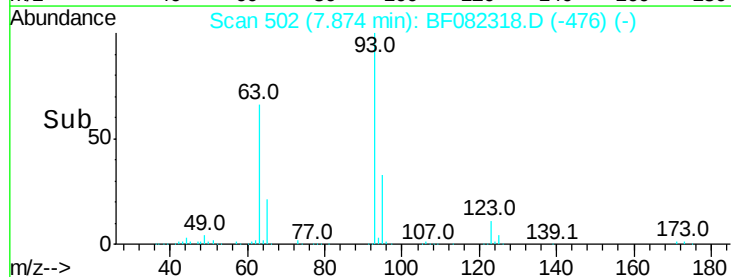
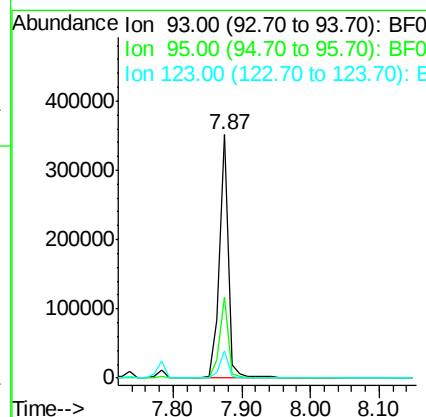
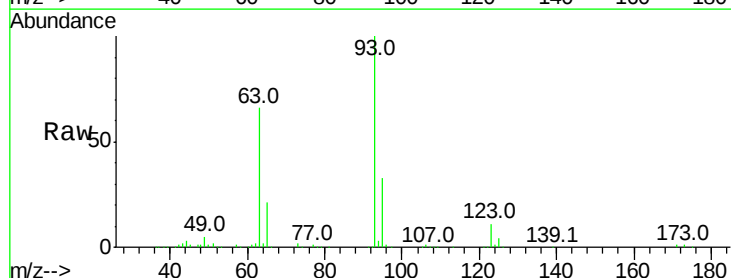
RT: 7.87 min Scan# 502

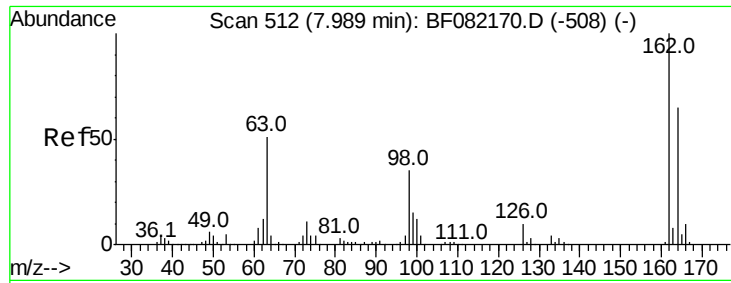
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	93	Resp:	328203
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.6	39.8
123	11.3	9.5	14.3





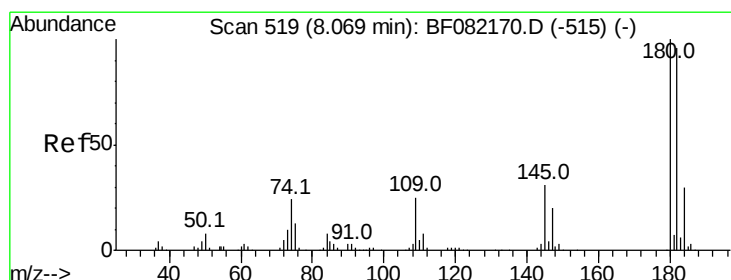
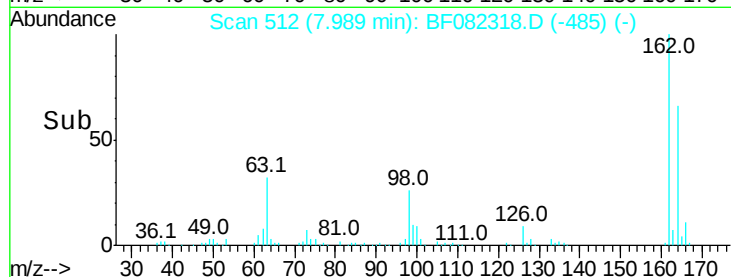
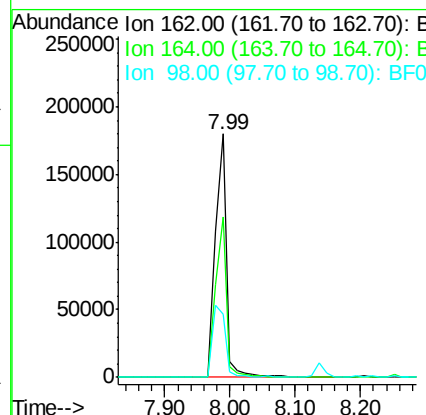
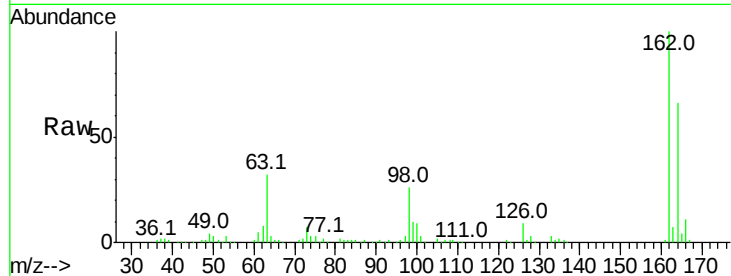
#29
2,4-Dichlorophenol
Concen: 38.33 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	218065		
164	66.0	44.6	84.6	
98	26.1	15.0	55.0	

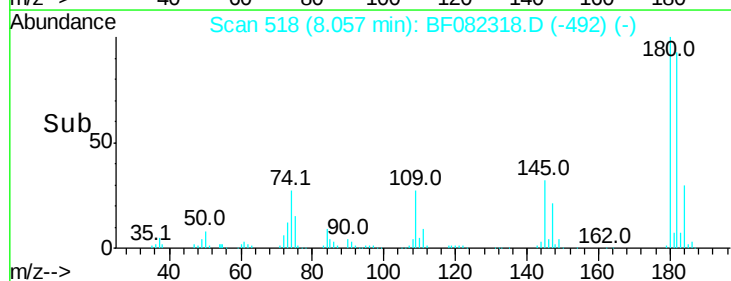
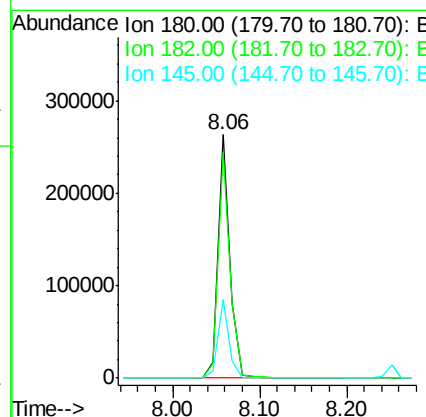
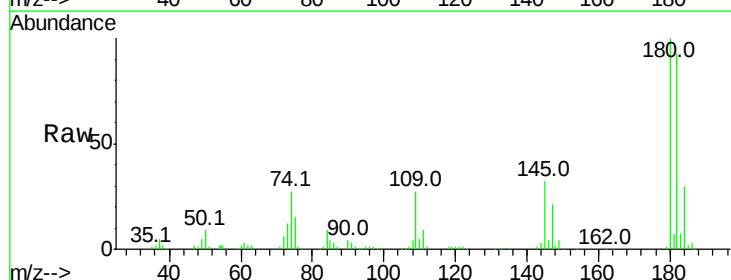
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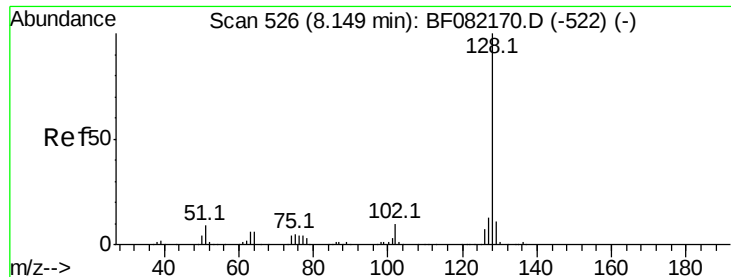
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#30
1,2,4-Trichlorobenzene
Concen: 38.78 ng
RT: 8.06 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	254297		
182	92.7	77.0	115.4	
145	32.3	25.0	37.4	





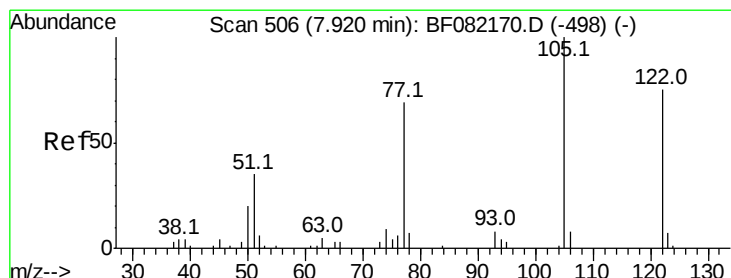
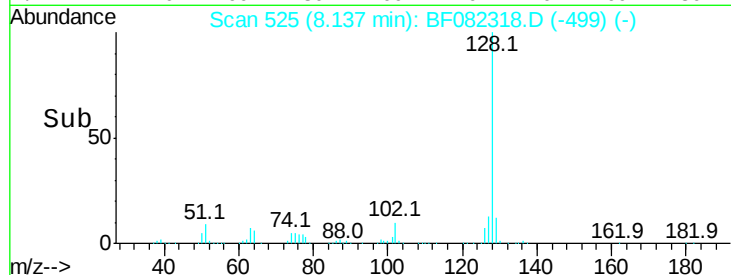
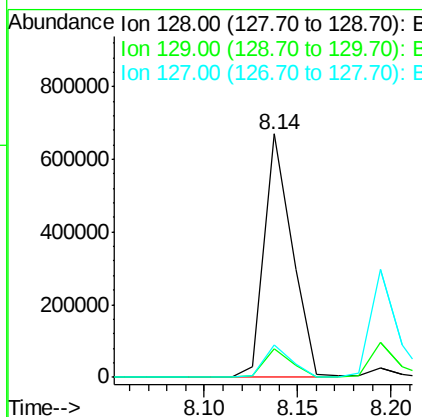
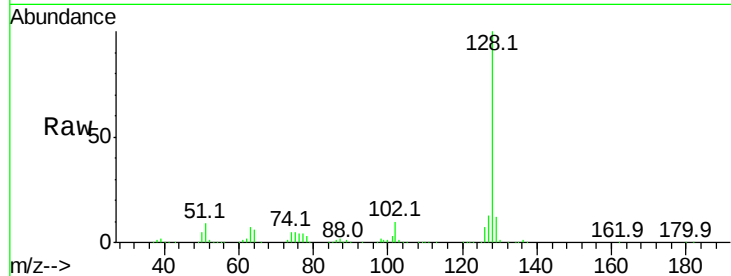
#31
Naphthalene
Concen: 36.59 ng
RT: 8.14 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	696120		
129	11.5	9.1	13.7	
127	13.4	10.7	16.1	

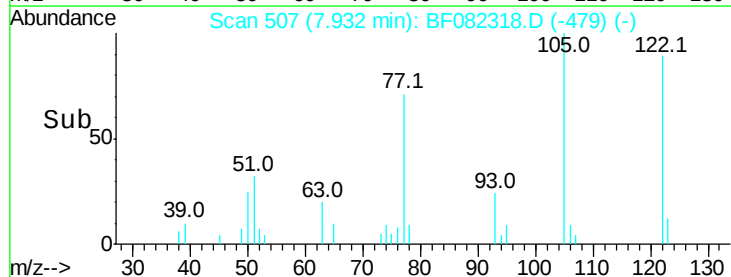
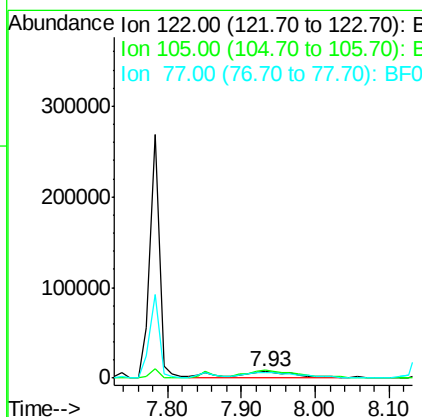
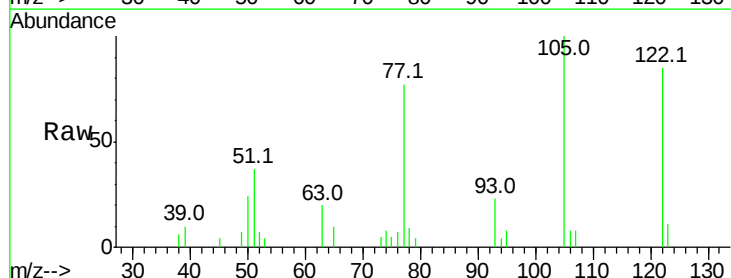
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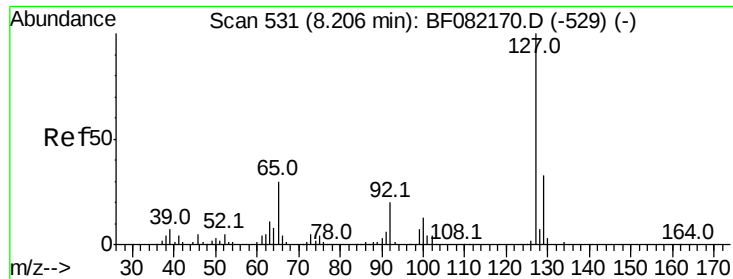
MMdadoda
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#32
Benzoic acid
Concen: 10.95 ng m
RT: 7.93 min Scan# 507
Delta R.T. 0.02 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	41826		
105	117.4	104.4	144.4	
77	89.9	69.0	109.0	





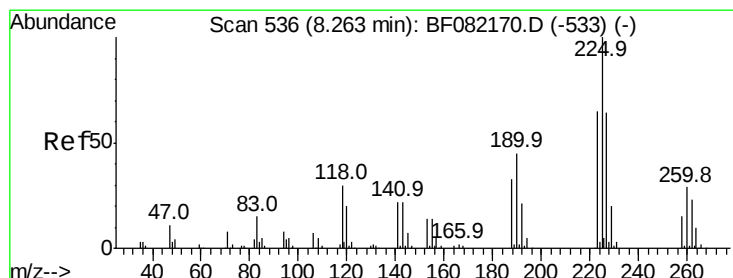
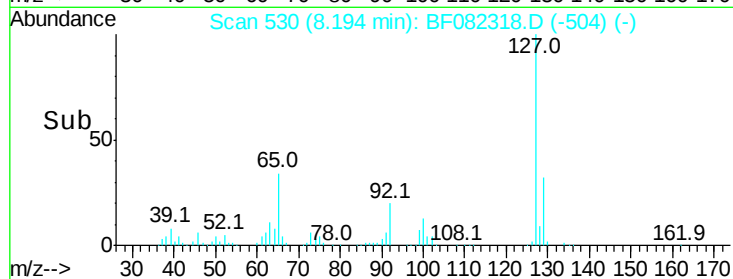
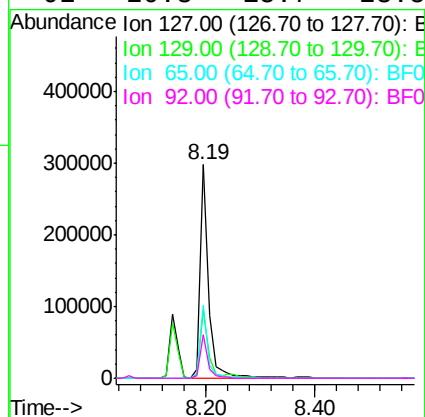
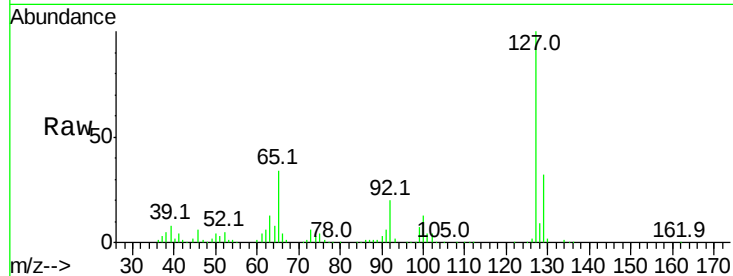
#33
4-Chloroaniline
Concen: 39.23 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.3	39.5	
65	34.0	24.4	36.6	
92	20.3	15.7	23.5	

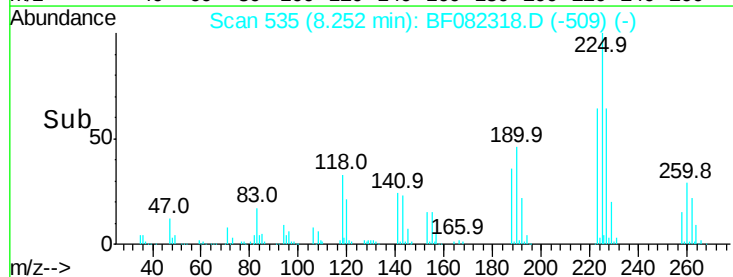
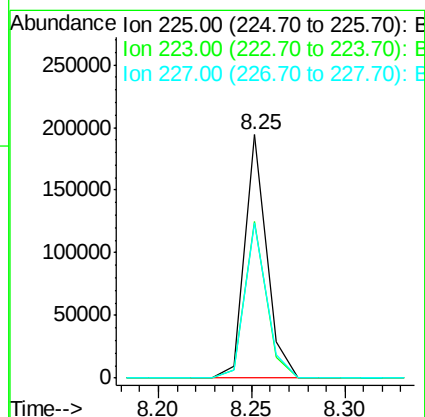
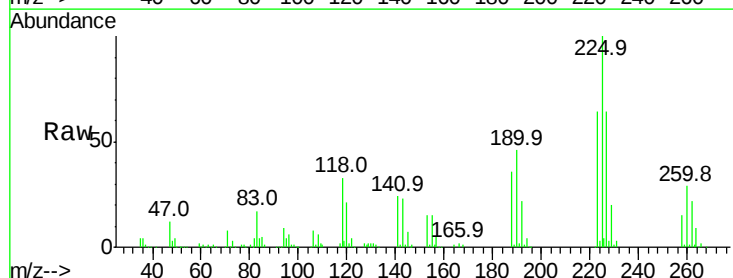
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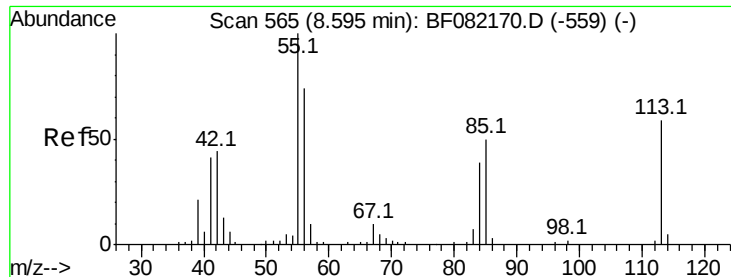
MMdadoda
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#34
Hexachlorobutadiene
Concen: 39.15 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	52.2	78.2	
227	64.0	51.3	76.9	





#35

Caprolactam

Concen: 34.95 ng

RT: 8.58 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

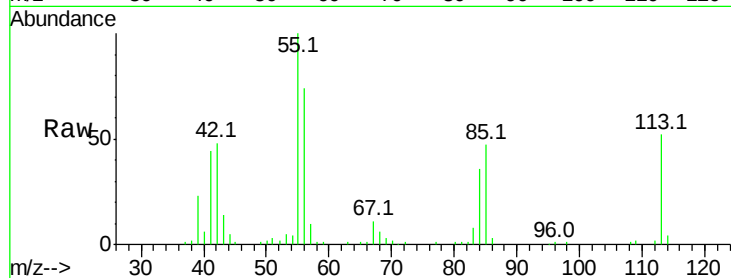
ClientSampleId :

SSTDCCC040EC

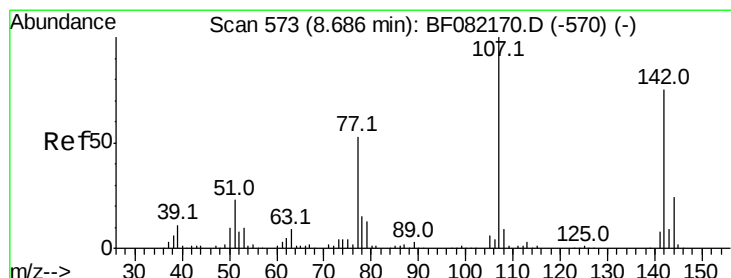
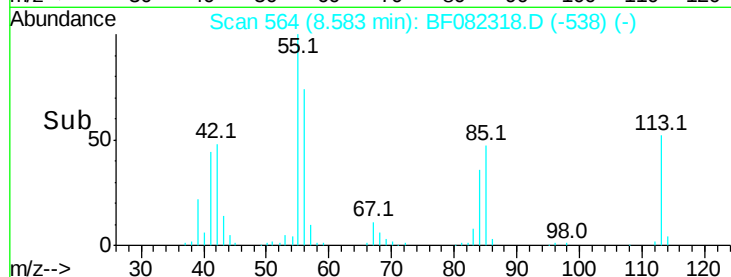
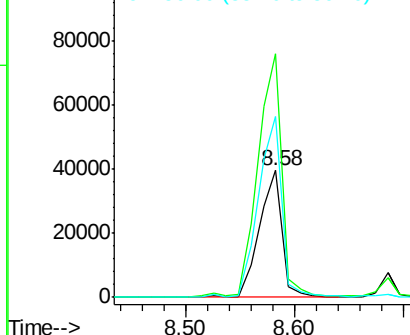
Tot Ion:113 Resp: 57707
 Ion Ratio Lower Upper
 113 100
 55 192.3 149.7 189.7#
 56 142.6 105.4 145.4

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Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.20 ng

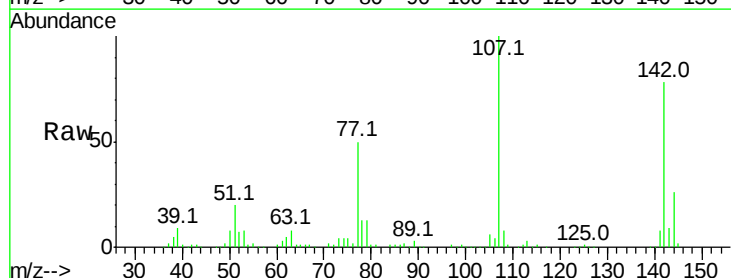
RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

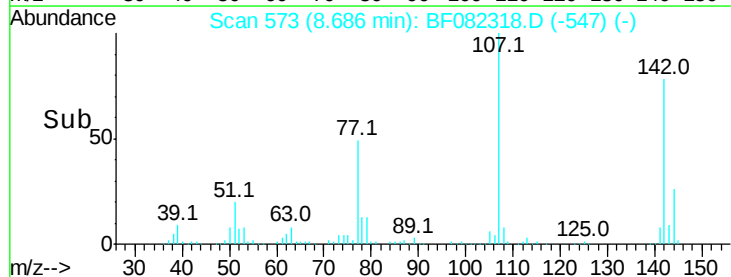
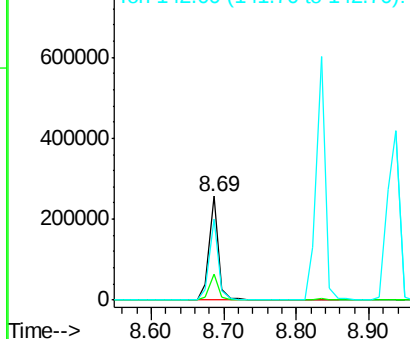
Lab File: BF082318.D

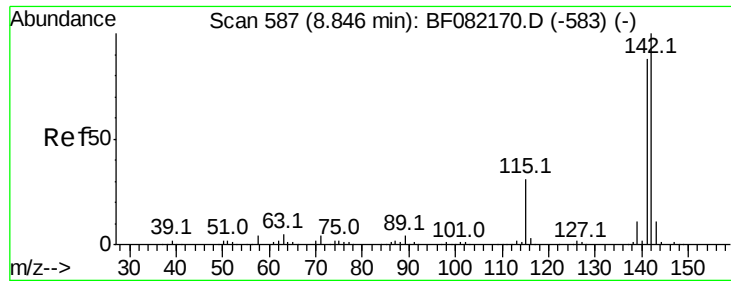
Acq: 15 Oct 2015 19:28

Tgt Ion:107 Resp: 234797
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.3 28.9
 142 78.0 59.9 89.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





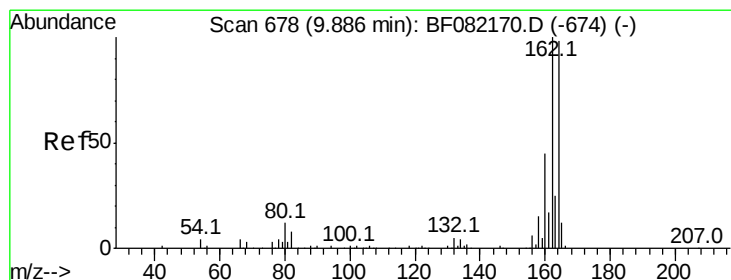
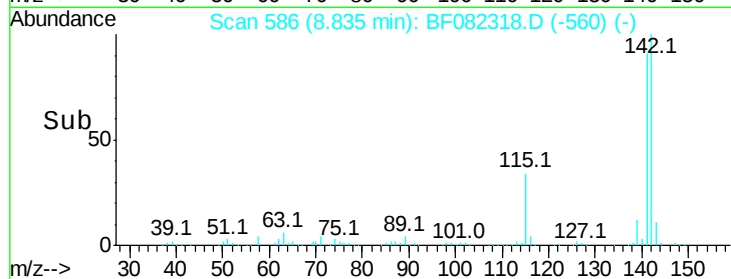
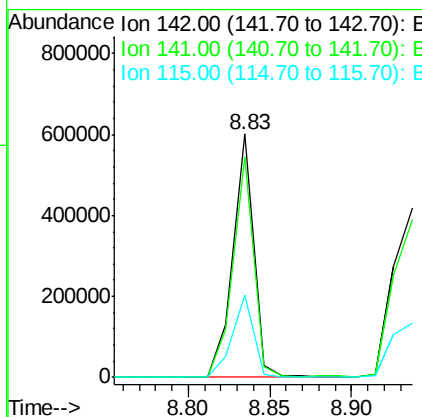
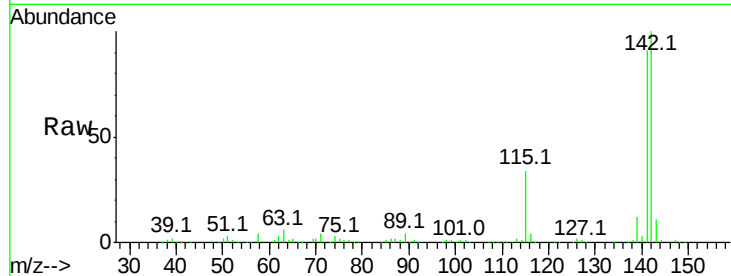
#37
2-Methylnaphthalene
Concen: 40.08 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
142	100	528625		
141	90.5		70.4	105.6
115	34.0		24.6	37.0

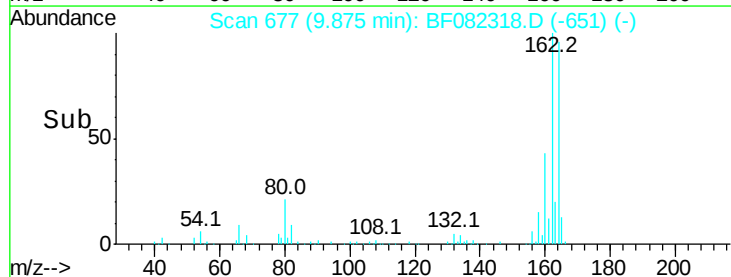
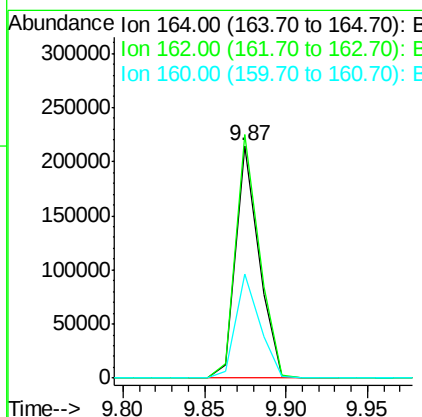
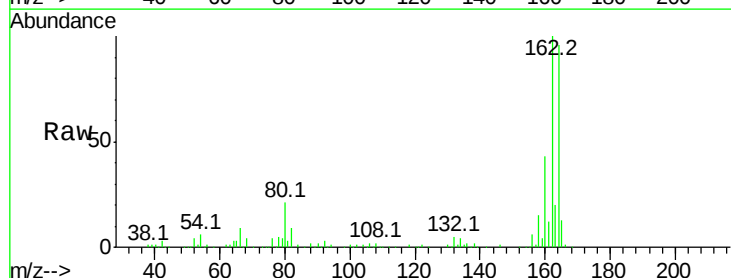
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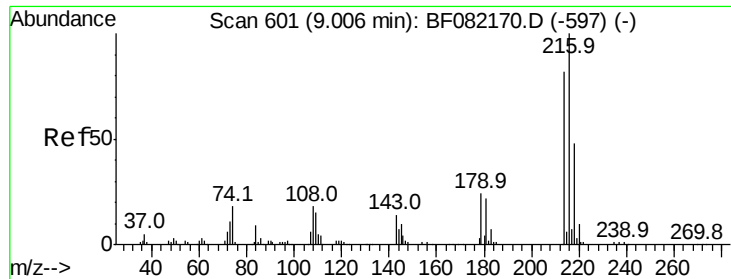
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	209879		
162	104.7		81.6	122.4
160	44.7		36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.51 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082318.D

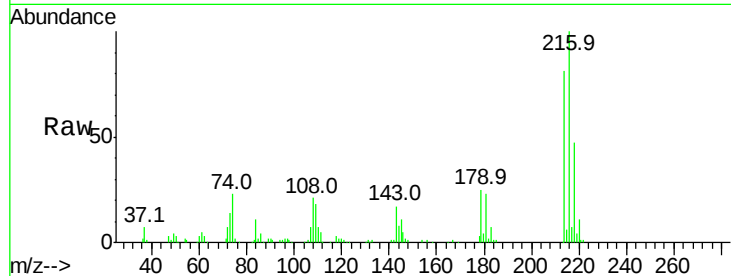
Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

ClientSampleId :

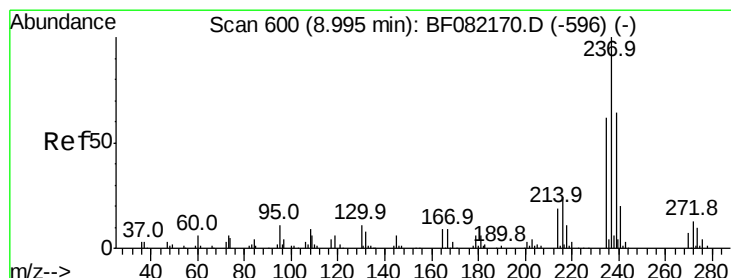
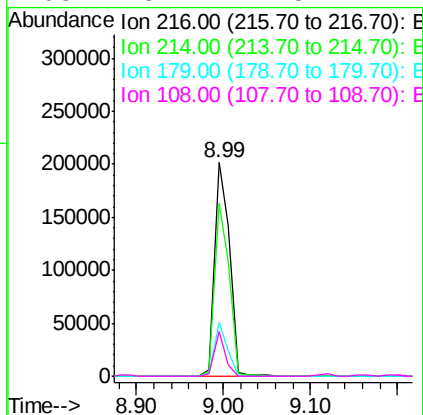
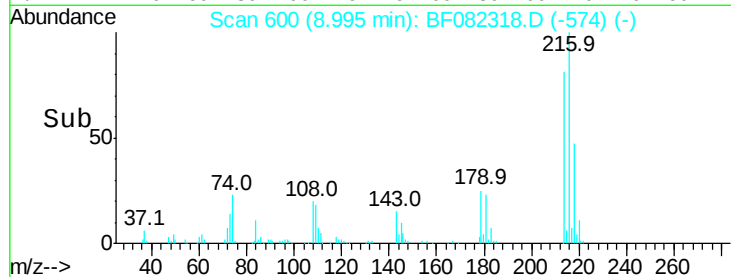
SSTDCCC040EC



Tot Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.6	97.0
179	21.6	17.6	26.4
108	15.4	14.5	21.7

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#40

Hexachlorocyclopentadiene

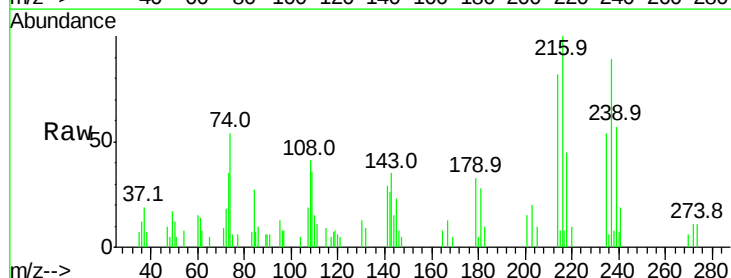
Concen: 9.76 ng

RT: 8.98 min Scan# 599

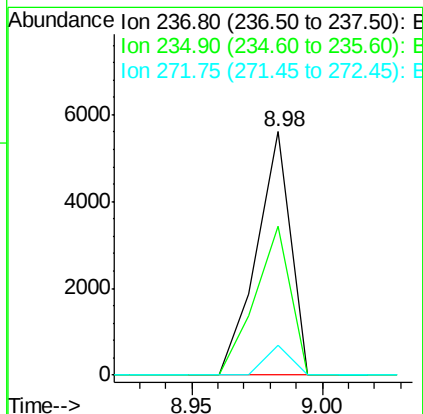
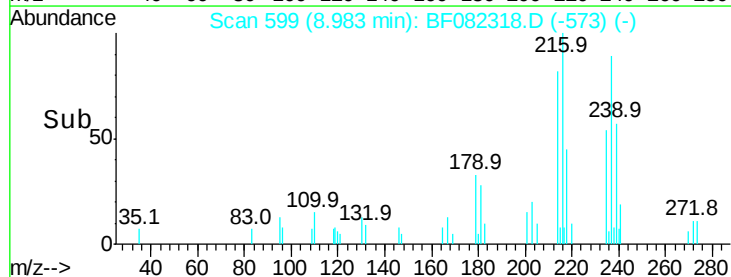
Delta R.T. 0.00 min

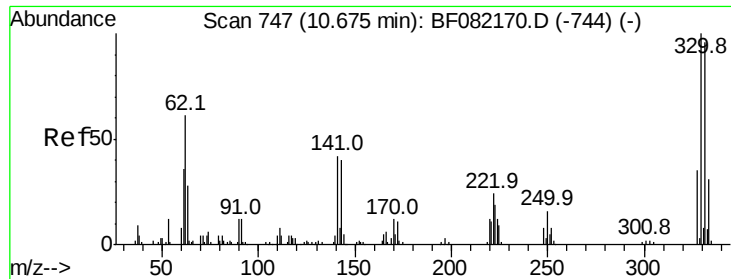
Lab File: BF082318.D

Acq: 15 Oct 2015 19:28



Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.0	41.7	81.7
272	12.2	0.0	32.8





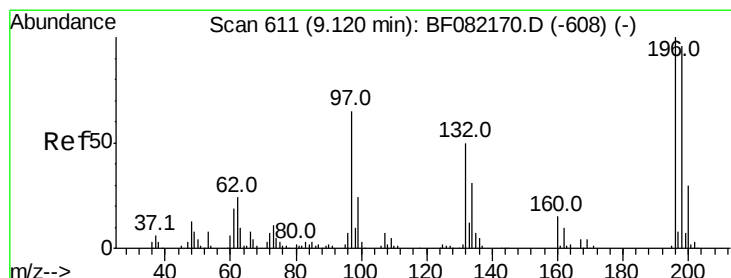
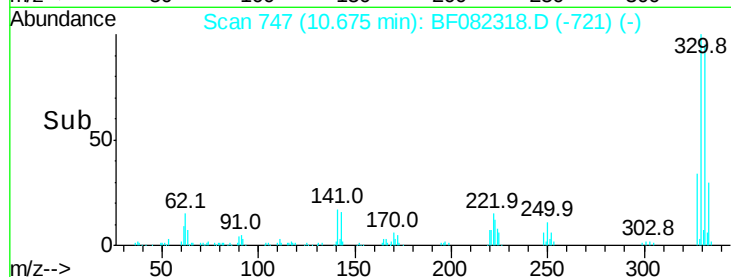
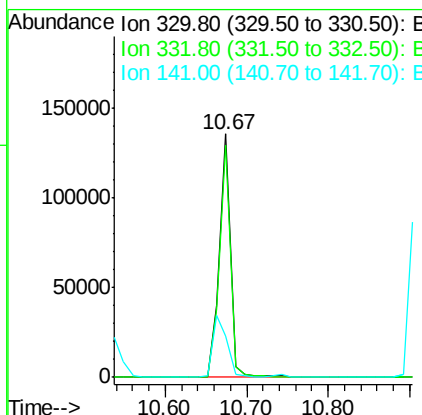
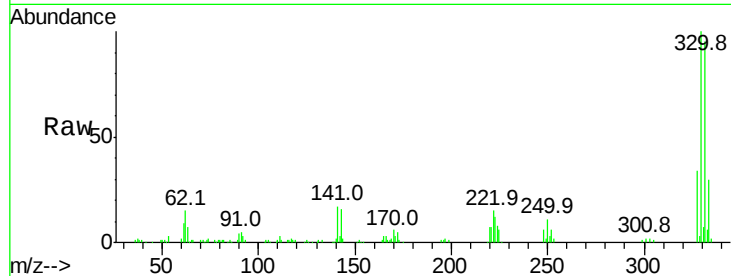
#41
 2,4,6-Tribromophenol
 Concen: 65.74 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	129390		
332	95.0	77.1	115.7	
141	32.4	29.8	44.8	

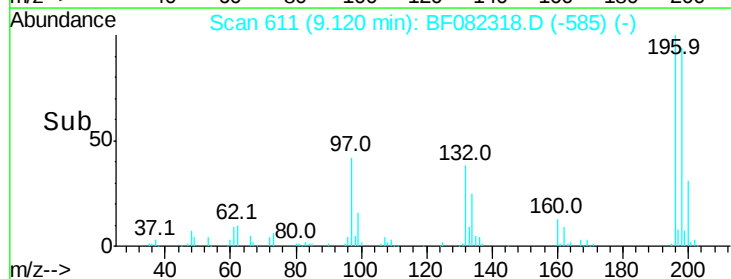
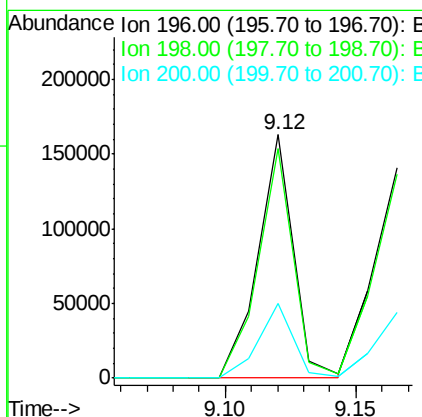
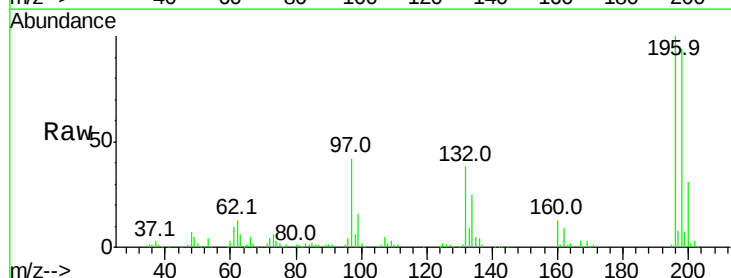
Manual Integrations
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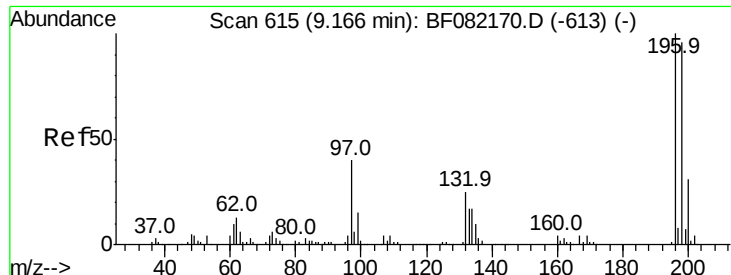
MMdadoda
 10/16/2015 4:15:57 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.72 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

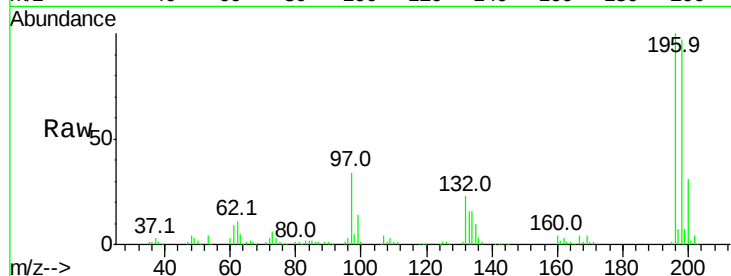
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	152266		
198	94.5	76.6	115.0	
200	30.8	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 34.72 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

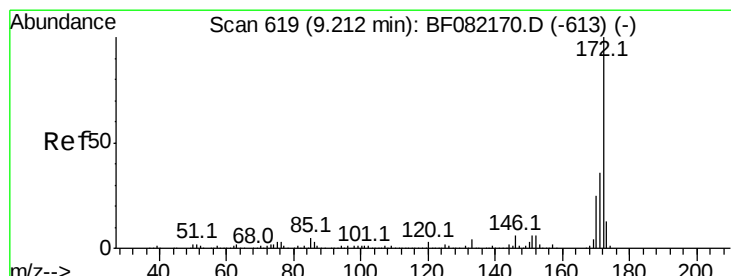
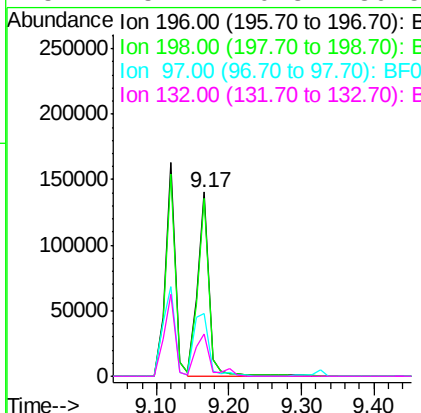
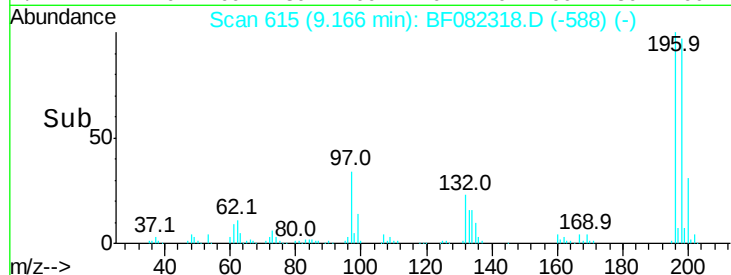
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tot Ion	Ratio	Resp	Lower	Upper
196	100	155927		
198	96.9	77.0	115.4	
97	34.0	31.9	47.9	
132	23.1	20.3	30.5	

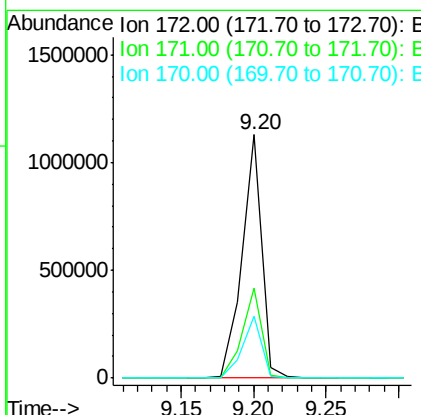
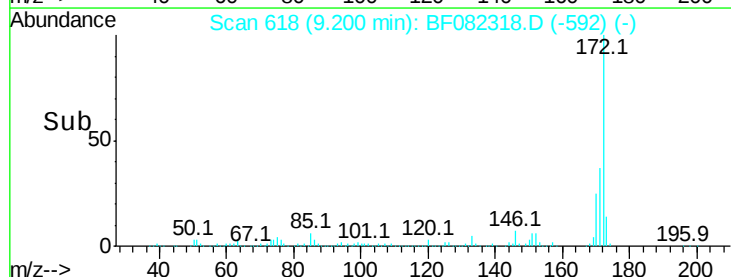
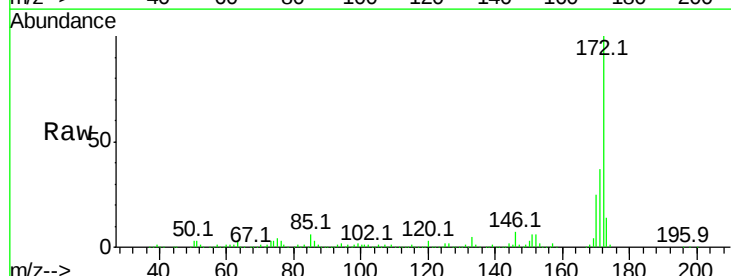
Manual Integrations
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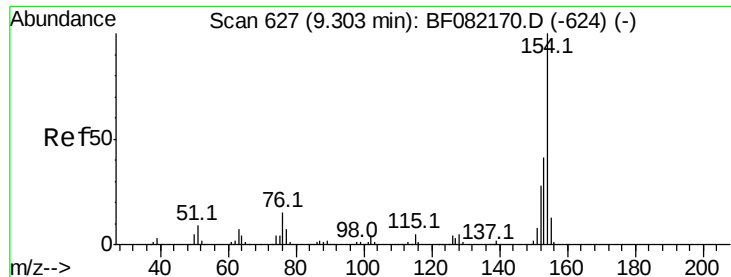
MMdadoda
 10/16/2015 4:15:57 PM



#44
 2-Fluorobiphenyl
 Concen: 84.32 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1067118		
171	37.0	28.6	42.8	
170	25.2	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 41.88 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

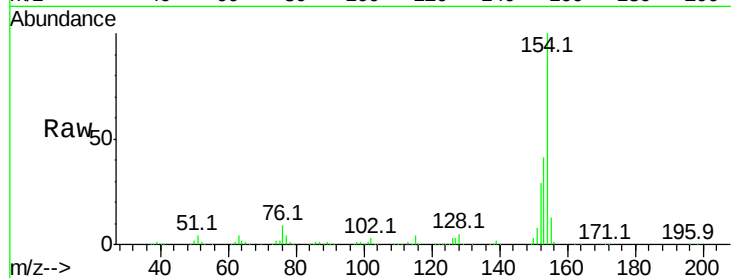
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	670216
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.6	60.6
76	8.7	0.0	35.2

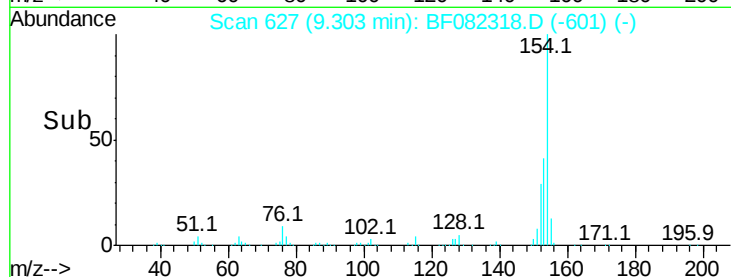
Manual Integrations
APPROVED

MMdadoda
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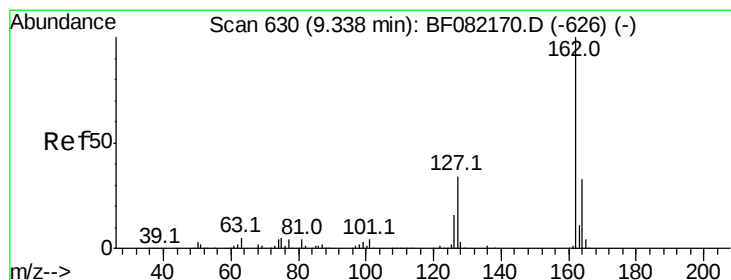


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

9.30



Time-->



#46

2-Chloronaphthalene

Concen: 40.97 ng

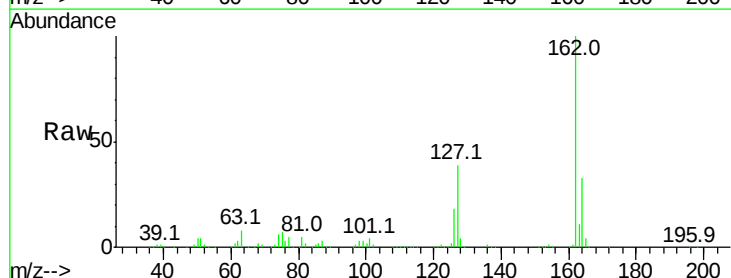
RT: 9.33 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF082318.D

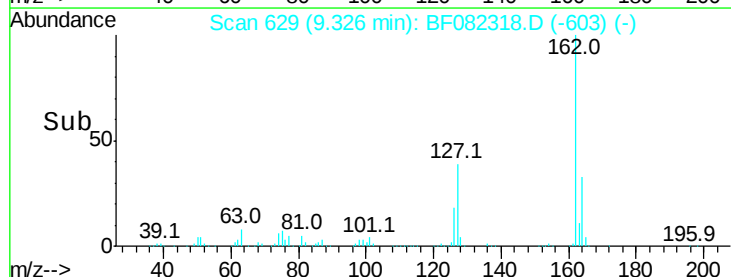
Acq: 15 Oct 2015 19:28

Tgt Ion:	162	Resp:	516117
Ion Ratio	Lower	Upper	
162	100		
127	39.0	27.5	41.3
164	33.1	26.6	39.8

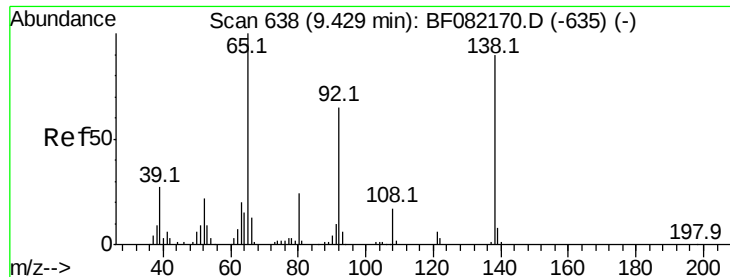


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

9.33



Time-->



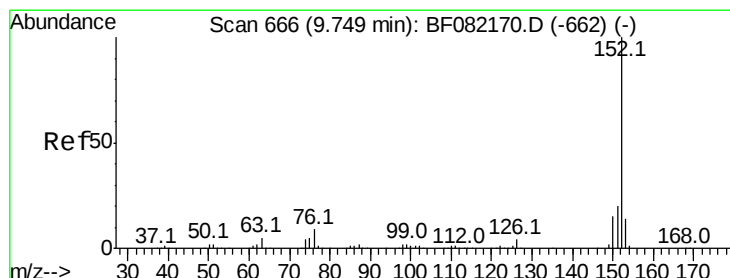
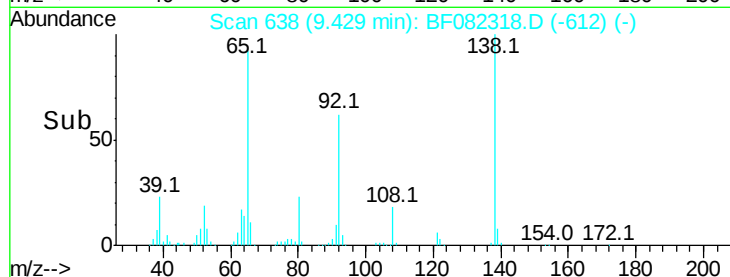
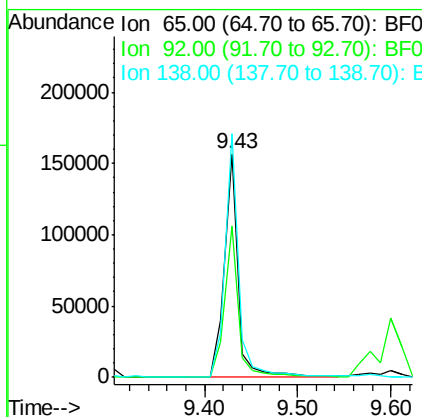
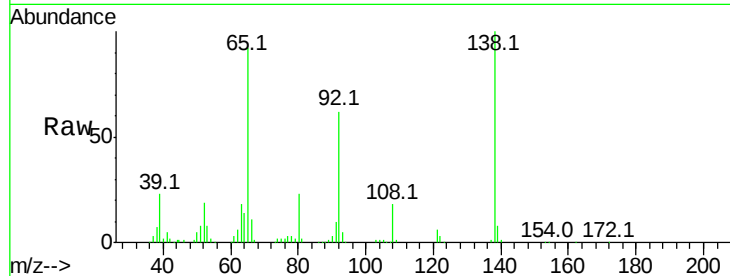
#47
2-Nitroaniline
Concen: 46.66 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161396		
92	68.1	52.3	78.5	
138	109.1	72.2	108.4	

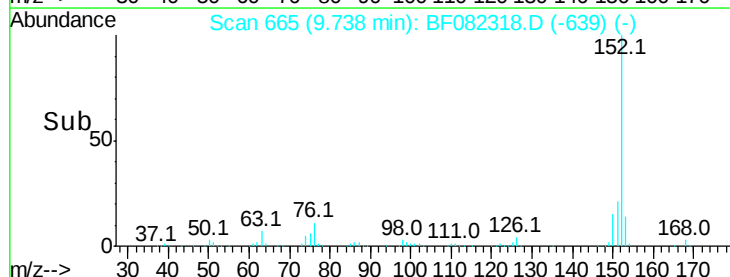
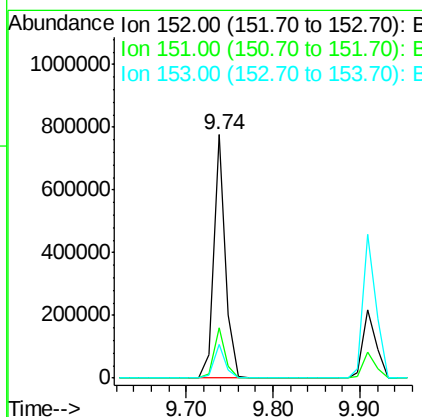
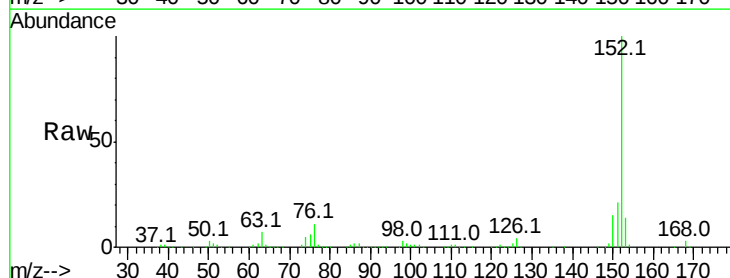
Manual Integrations
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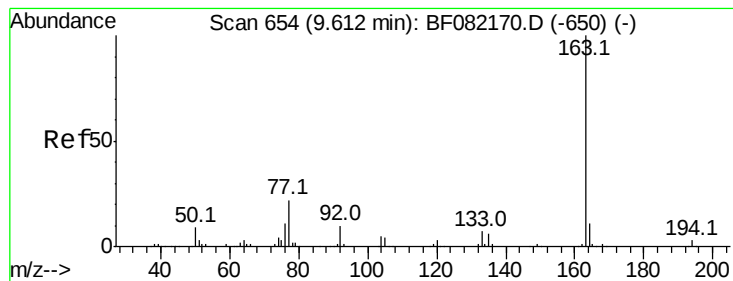
MMdadoda
10/16/2015 4:15:57 PM



#48
Acenaphthylene
Concen: 37.37 ng
RT: 9.74 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	733461		
151	20.7	16.4	24.6	
153	13.9	10.8	16.2	





#49

Dimethylphthalate

Concen: 41.00 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

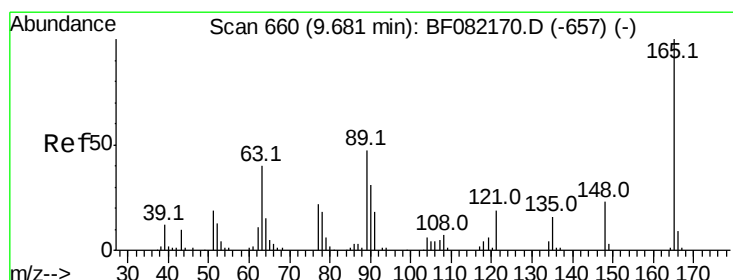
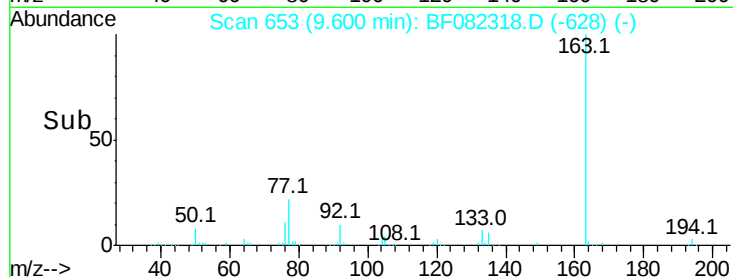
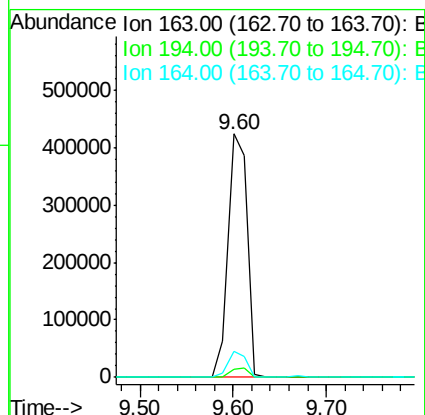
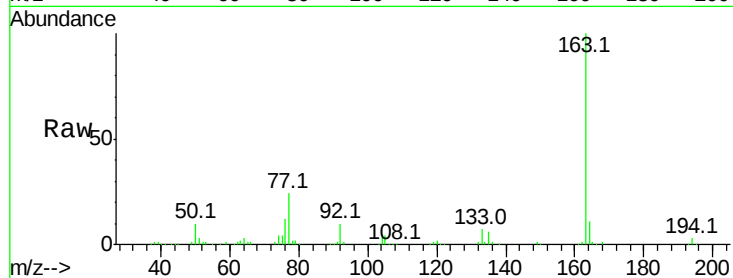
ClientSampleId :

SSTDCCC040EC

Tot Ion:	163	Resp:	605912
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.8	8.5	12.7

Manual Integrations
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MMdadoda
10/16/2015 4:15:57 PM



#50

2,6-Dinitrotoluene

Concen: 35.73 ng

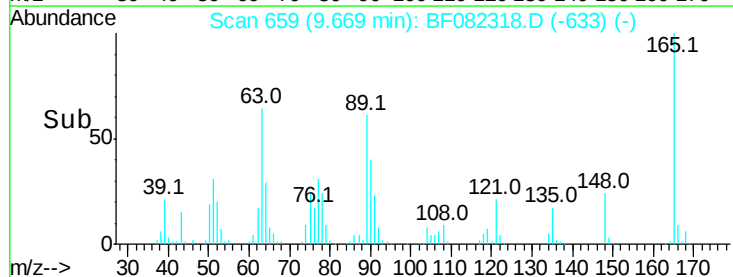
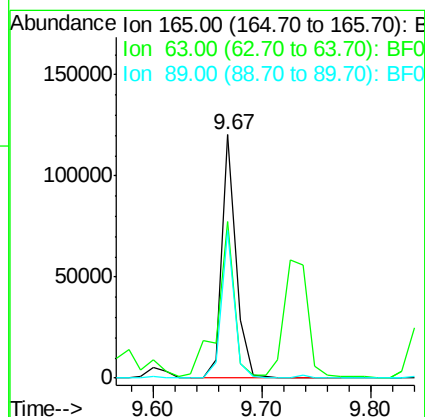
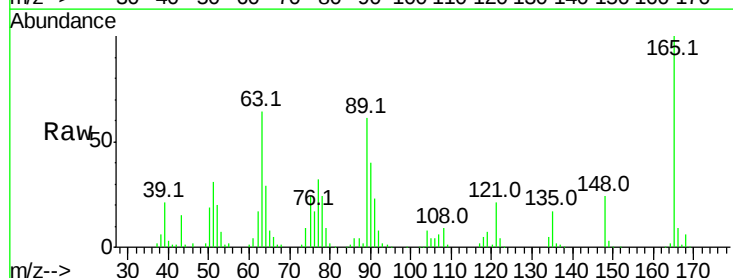
RT: 9.67 min Scan# 659

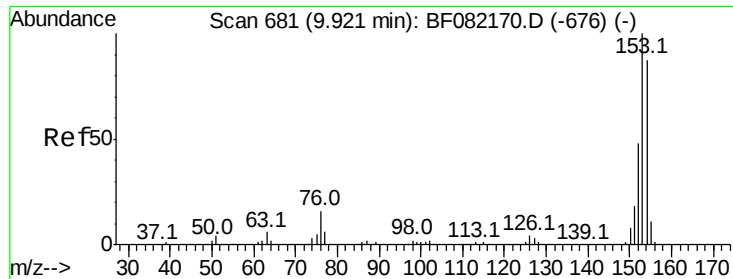
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	165	Resp:	111434
Ion Ratio	Lower	Upper	
165	100		
63	64.4	36.7	55.1#
89	60.5	37.8	56.6#





#51

Acenaphthene

Concen: 35.55 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

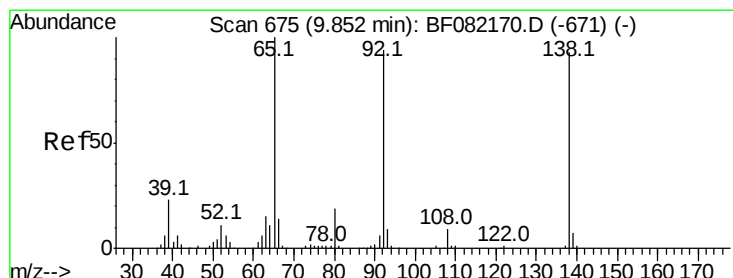
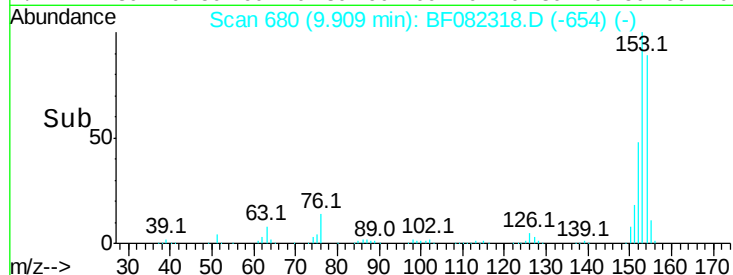
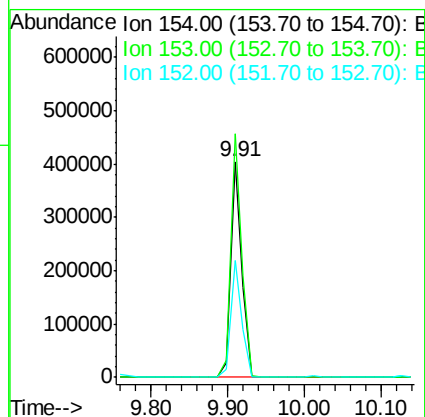
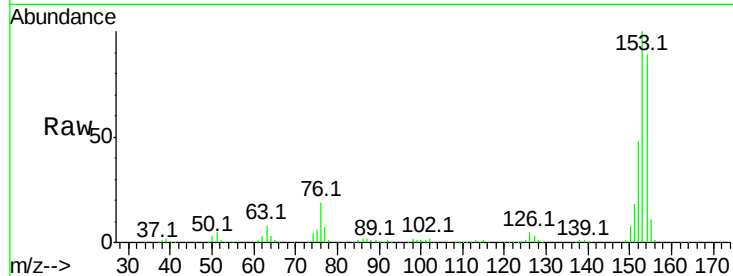
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	418869
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.4	137.2
152	53.8	44.3	66.5

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MMdadoda
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#52

3-Nitroaniline

Concen: 41.18 ng

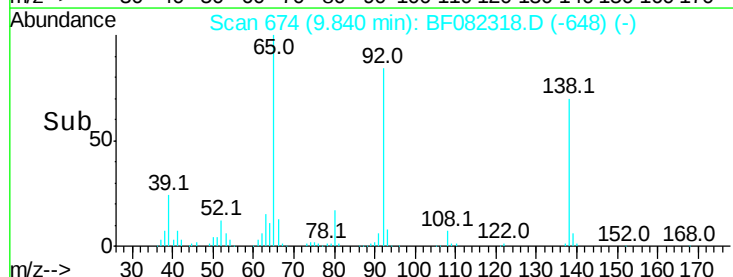
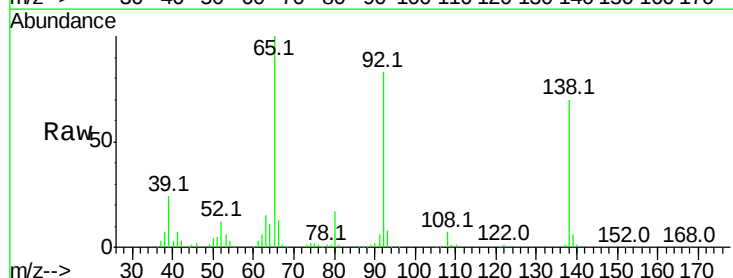
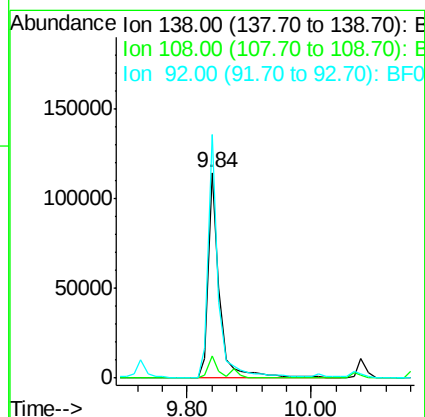
RT: 9.84 min Scan# 674

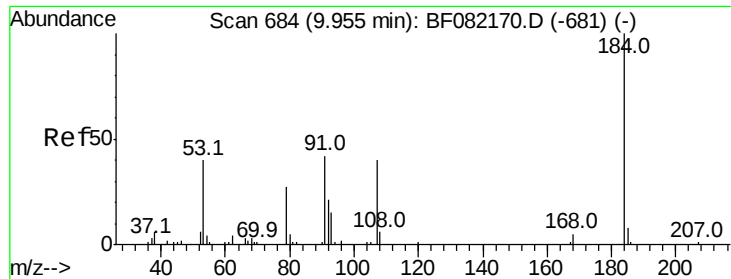
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	138	Resp:	145060
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.4	11.0
92	118.4	81.3	121.9





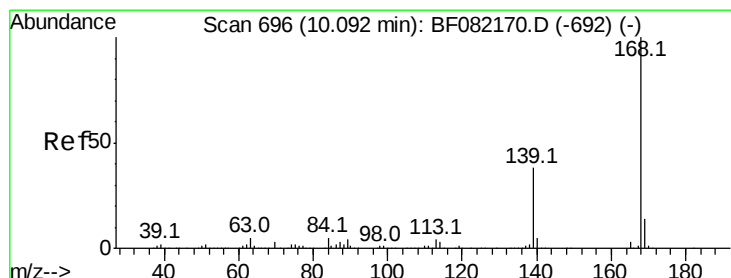
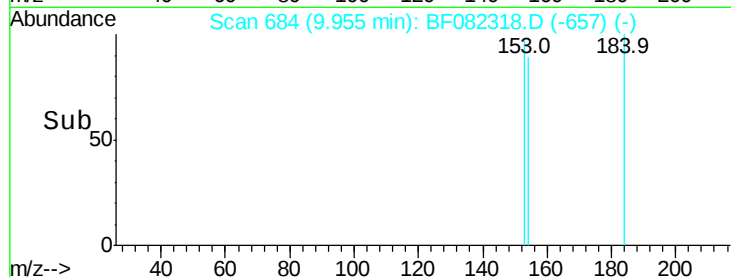
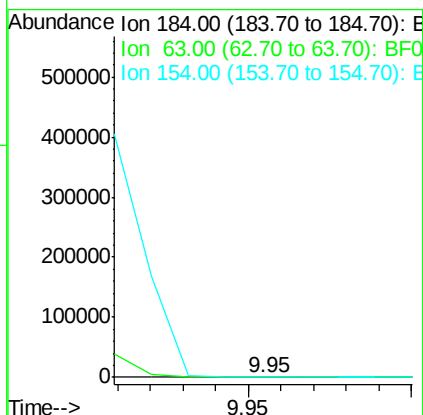
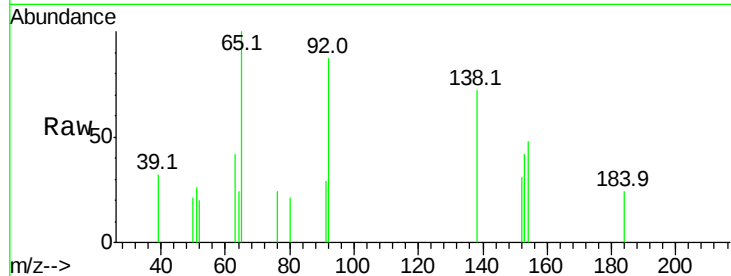
#53
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	174.1	45.1	67.7#
154	198.7	51.2	76.8#

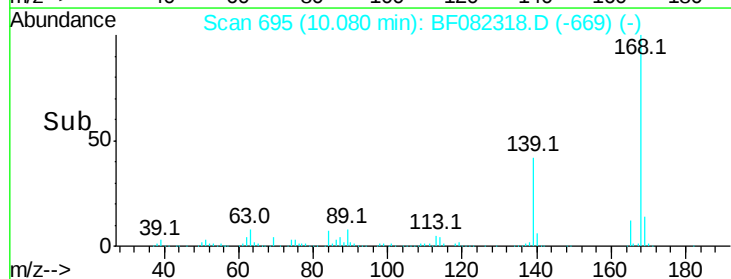
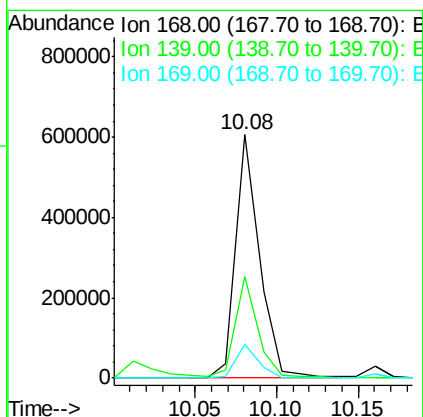
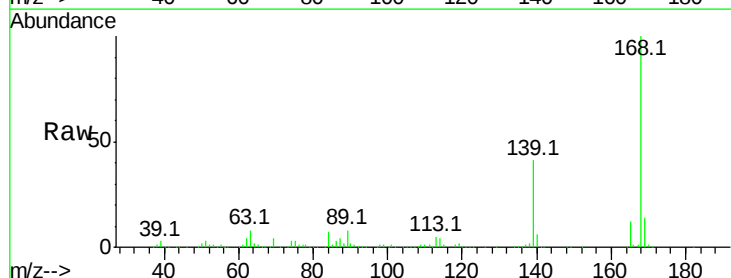
Manual Integrations
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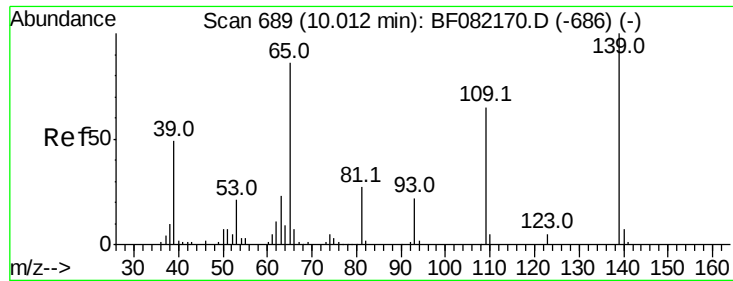
MMdadoda
10/16/2015 4:15:57 PM



#54
Dibenzofuran
Concen: 37.76 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	31.0	46.6
169	14.0	10.9	16.3





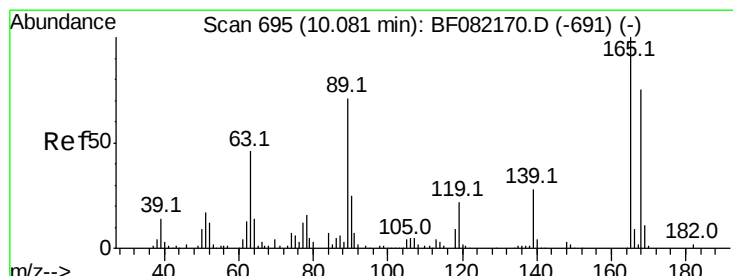
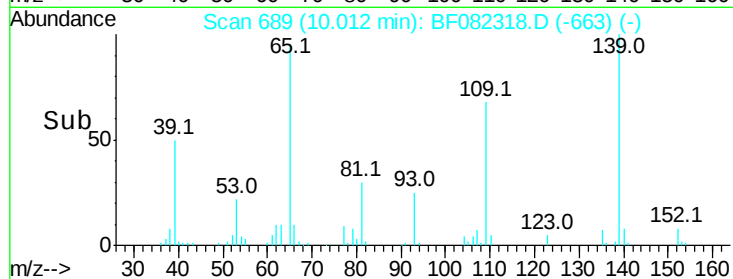
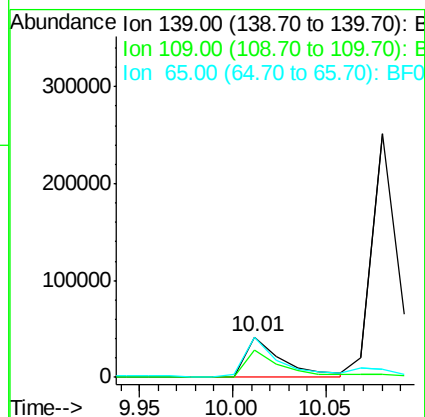
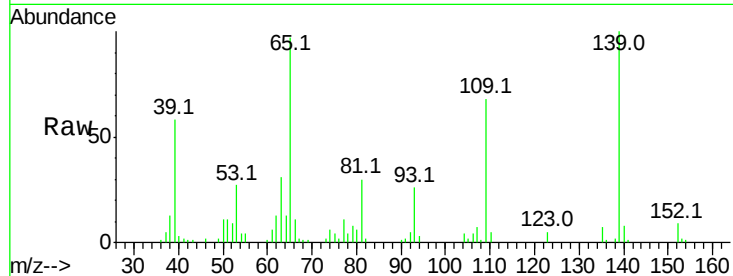
#55
4-Nitrophenol
Concen: 31.39 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.2	44.8	84.8
65	97.5	67.7	107.7

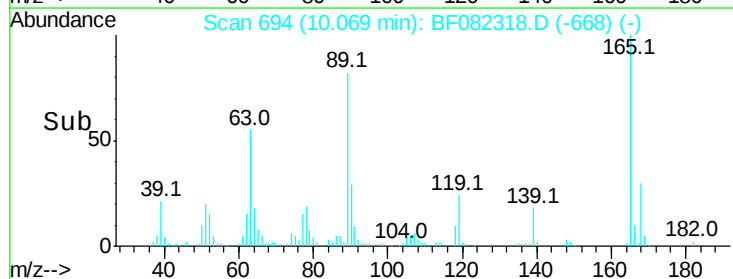
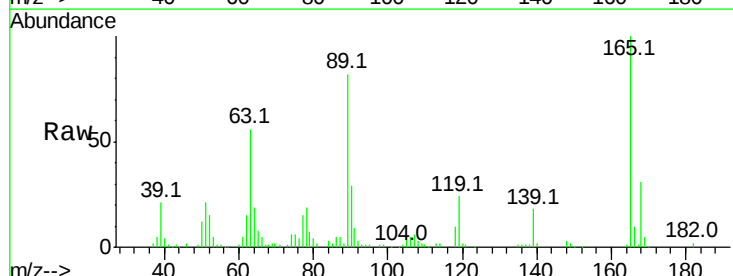
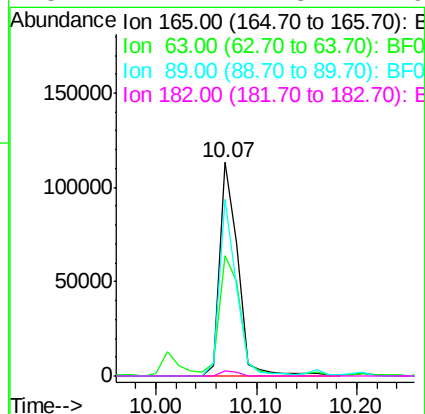
Manual Integrations
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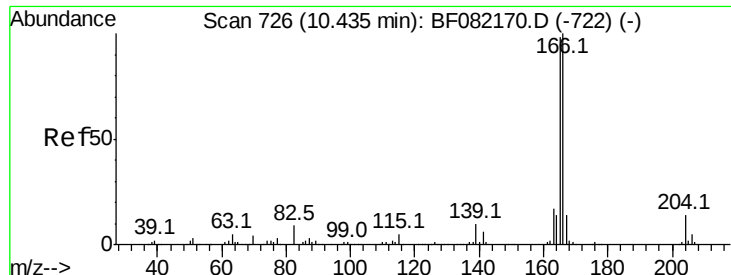
MMdadoda
10/16/2015 4:15:57 PM



#56
2,4-Dinitrotoluene
Concen: 36.40 ng
RT: 10.07 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.2	38.6	58.0
89	82.4	57.0	85.6
182	2.2	1.8	2.6





#57

Fluorene

Concen: 36.72 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

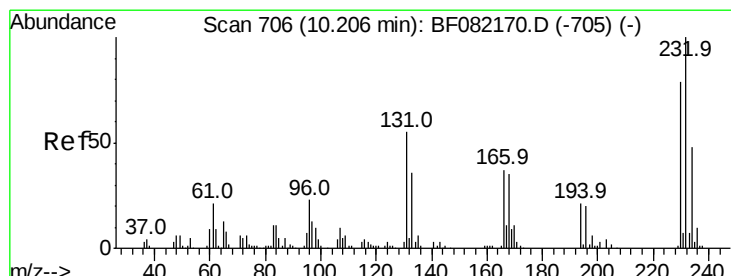
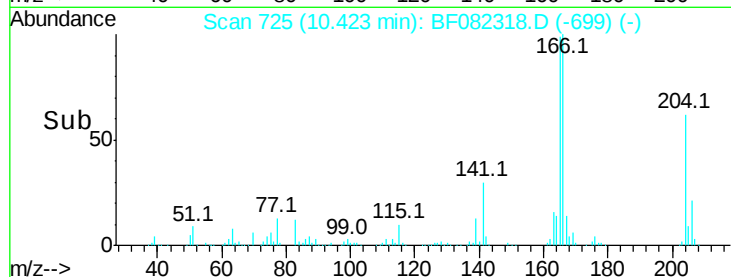
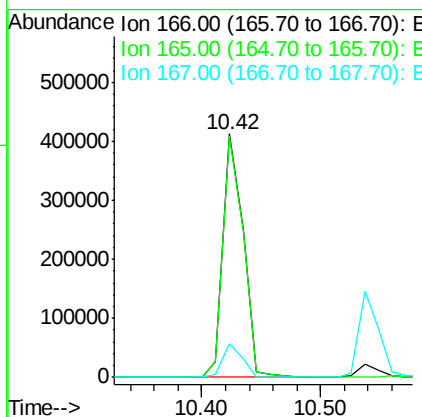
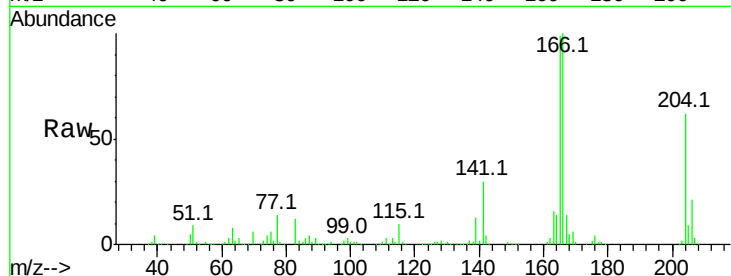
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

MMdadoda
10/16/2015 4:15:57 PM

Tot Ion	166	Resp	487800
Ion Ratio	Lower	Upper	
166	100		
165	99.1	78.3	117.5
167	13.9	10.8	16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.42 ng

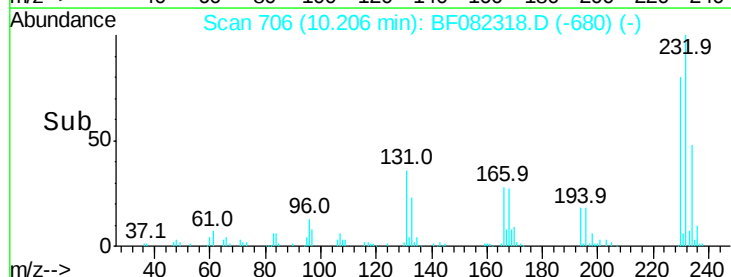
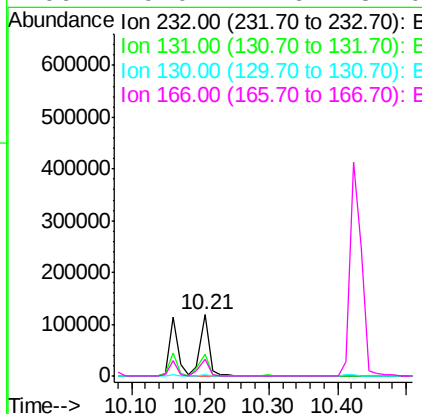
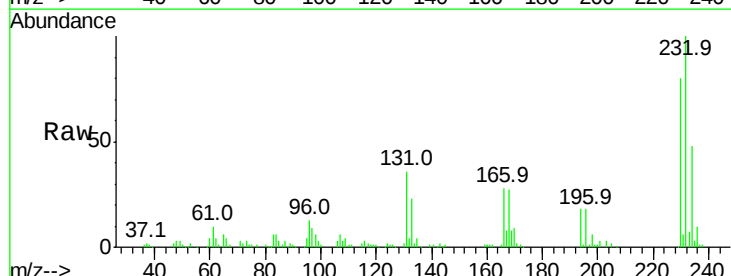
RT: 10.21 min Scan# 706

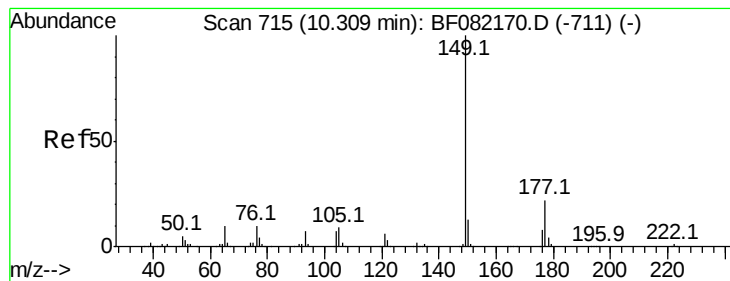
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion	232	Resp	107968
Ion Ratio	Lower	Upper	
232	100		
131	40.9	36.6	54.8
130	1.8	1.5	2.3
166	29.0	24.6	37.0





#59

Diethylphthalate

Concen: 40.92 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

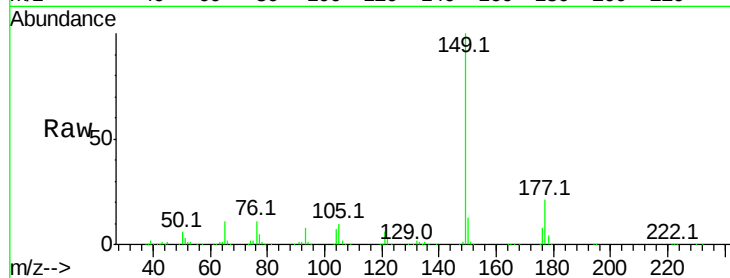
ClientSampleId :

SSTDCCC040EC

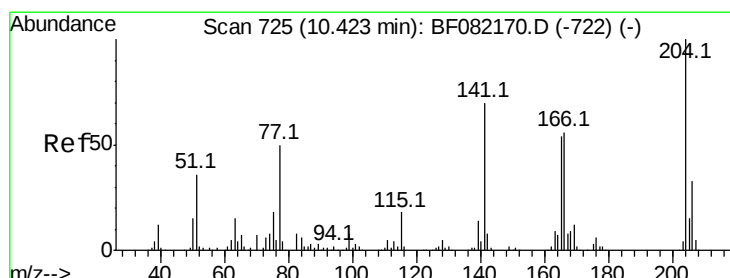
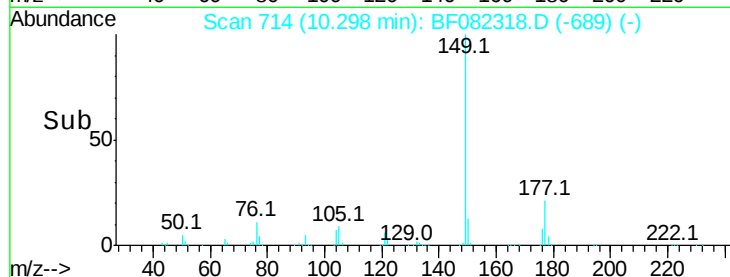
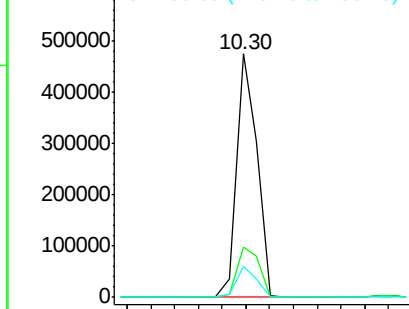
Tot Ion:	149	Resp:	563692
Ion Ratio	Lower	Upper	
149	100		
177	20.6	17.6	26.4
150	12.9	10.3	15.5

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.42 ng

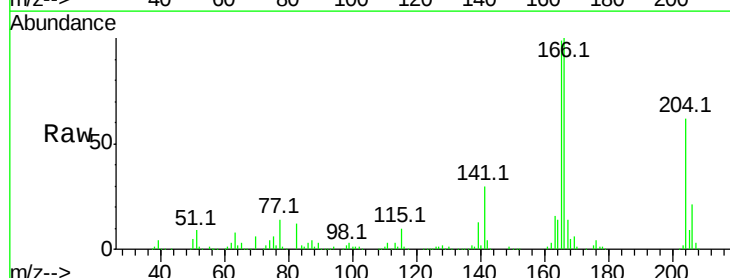
RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

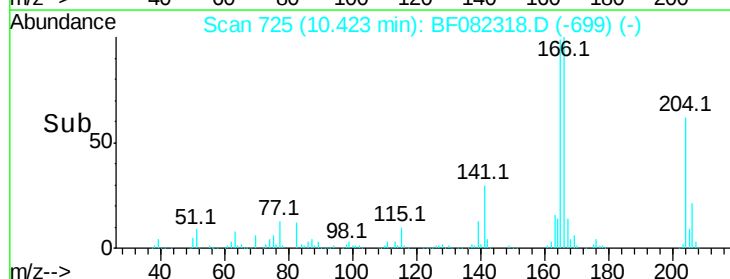
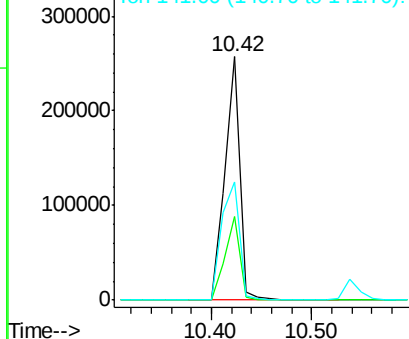
Lab File: BF082318.D

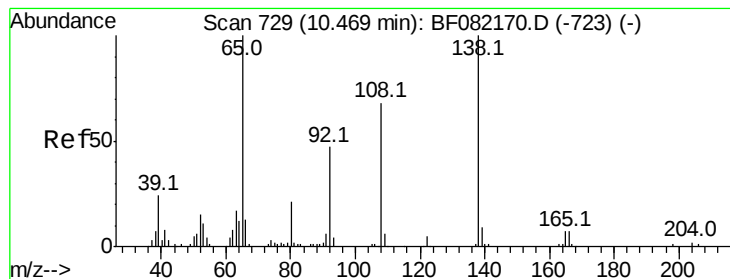
Acq: 15 Oct 2015 19:28

Tgt Ion:	204	Resp:	264269
Ion Ratio	Lower	Upper	
204	100		
206	34.3	26.8	40.2
141	48.5	56.1	84.1#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.79 ng

RT: 10.46 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

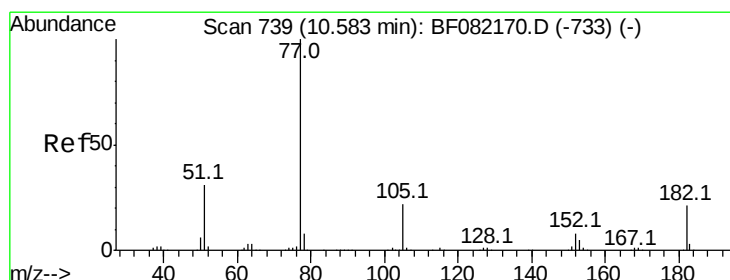
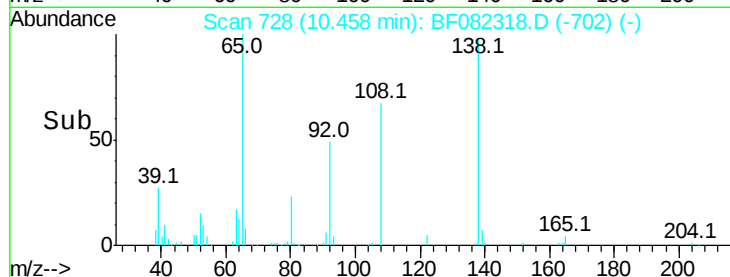
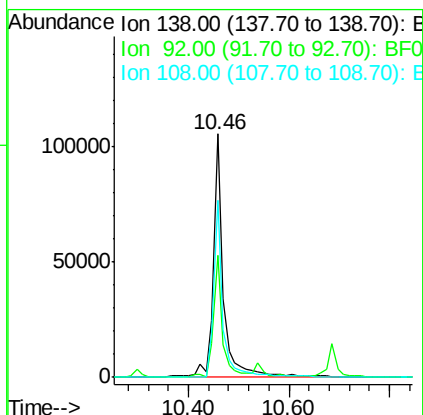
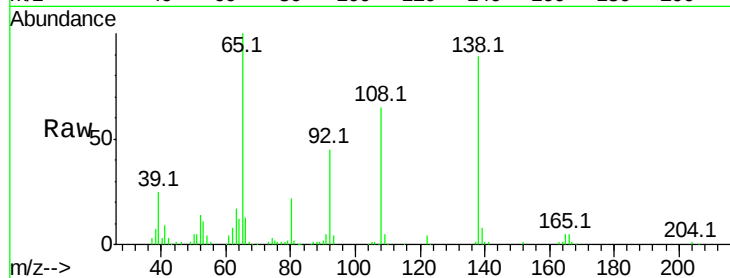
ClientSampleId :

SSTDCCC040EC

Tot Ion:	138	Resp:	142784
Ion Ratio	Lower	Upper	
138	100		
92	50.0	26.8	66.8
108	72.7	48.4	88.4

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#62

Azobenzene

Concen: 39.15 ng

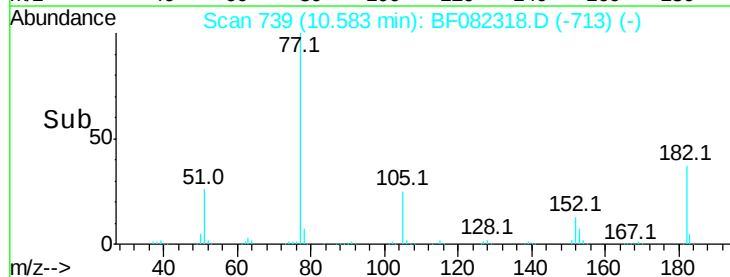
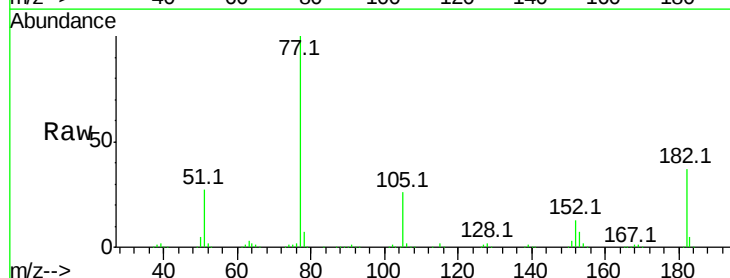
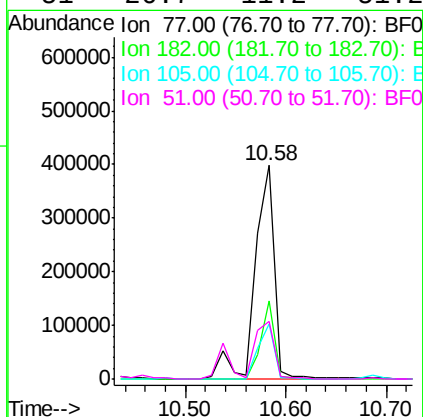
RT: 10.58 min Scan# 739

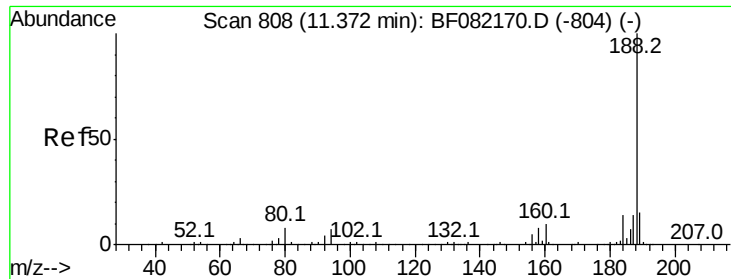
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	77	Resp:	527854
Ion Ratio	Lower	Upper	
77	100		
182	36.6	0.5	40.5
105	25.7	1.8	41.8
51	26.7	11.2	51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

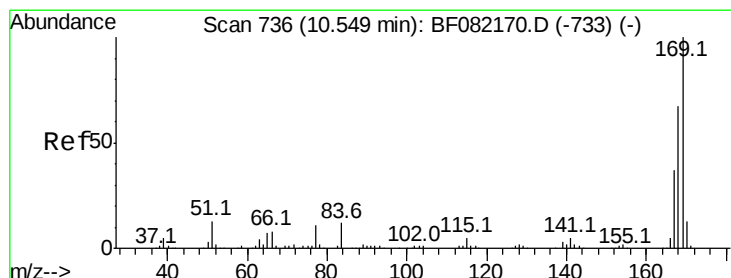
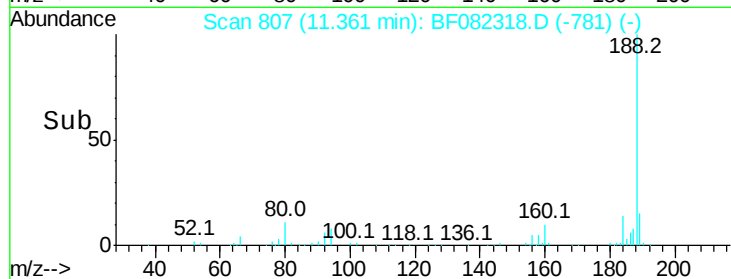
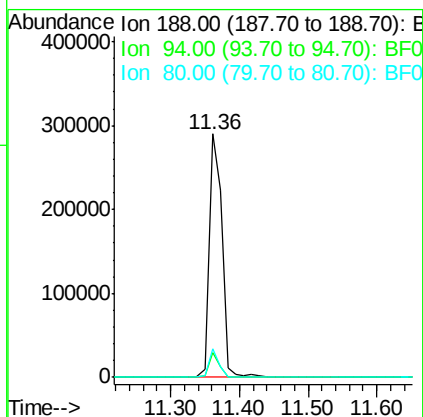
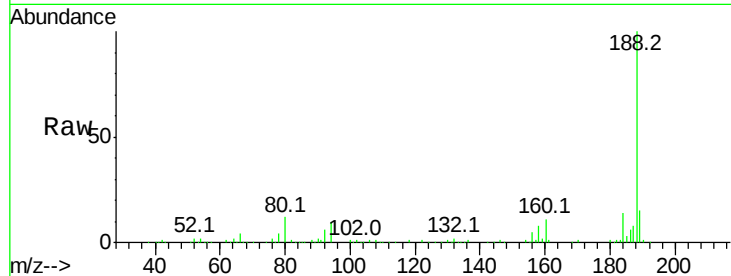
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	377448
Ion Ratio	Lower	Upper	
188	100		
94	10.3	5.8	8.6#
80	11.7	6.4	9.6#

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#65

n-Nitrosodiphenylamine

Concen: 40.47 ng

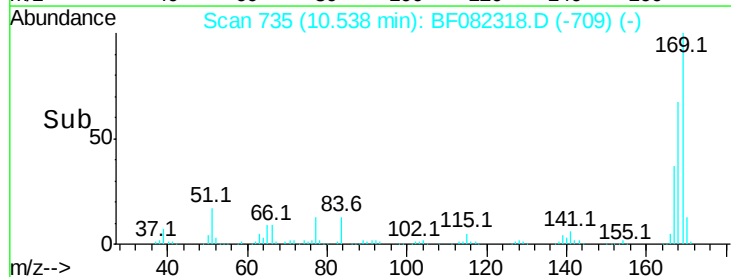
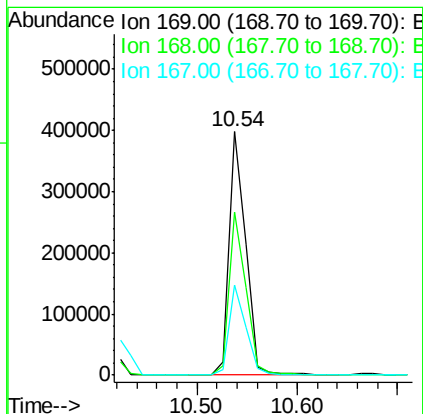
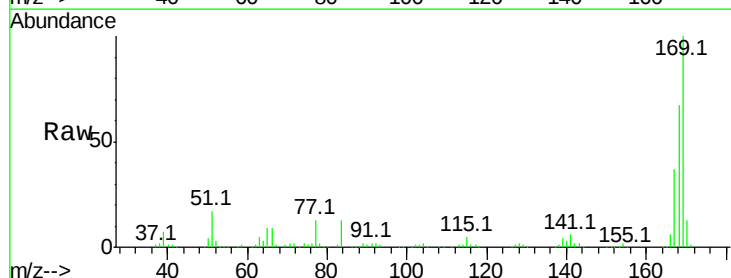
RT: 10.54 min Scan# 735

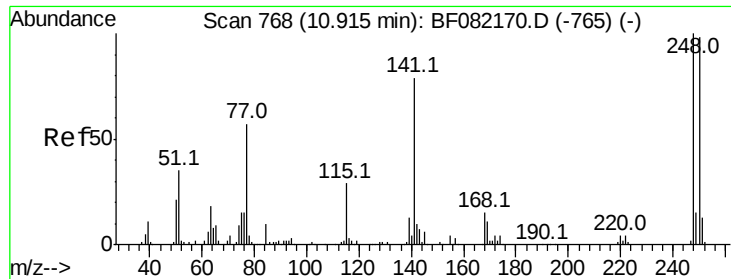
Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	169	Resp:	457372
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.0	81.0
167	36.8	29.6	44.4





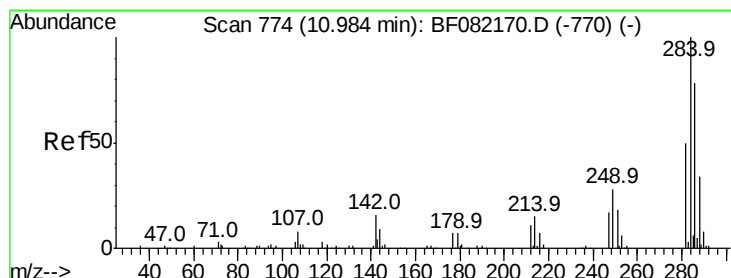
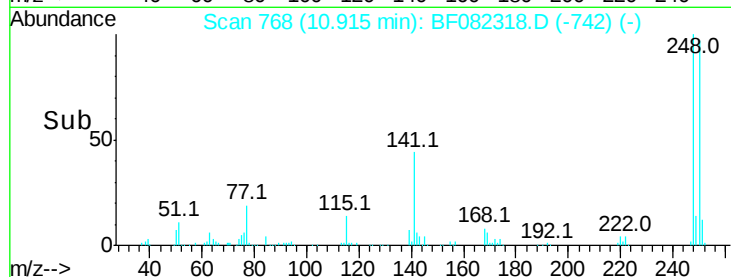
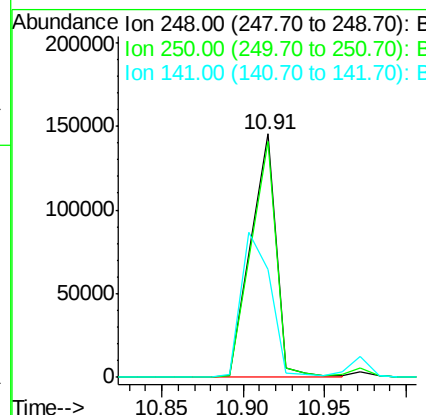
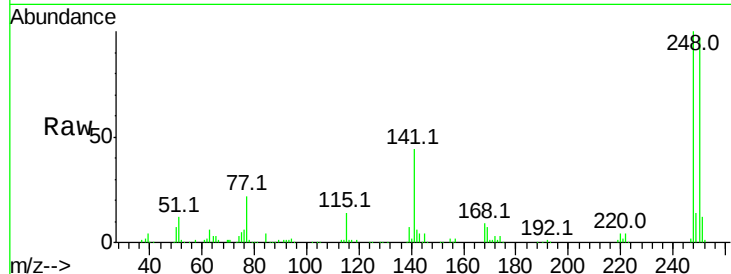
#66
 4-Bromophenyl-phenylether
 Concen: 41.79 ng
 RT: 10.91 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.6	117.8
141	44.3	63.3	94.9#

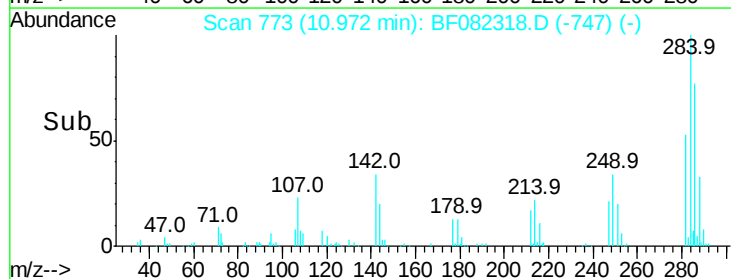
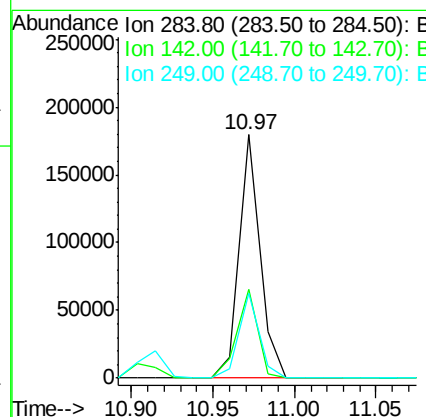
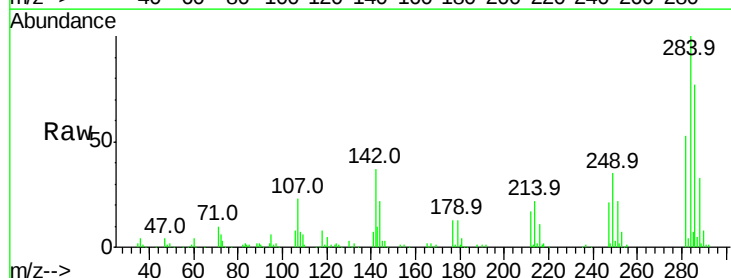
Manual Integrations
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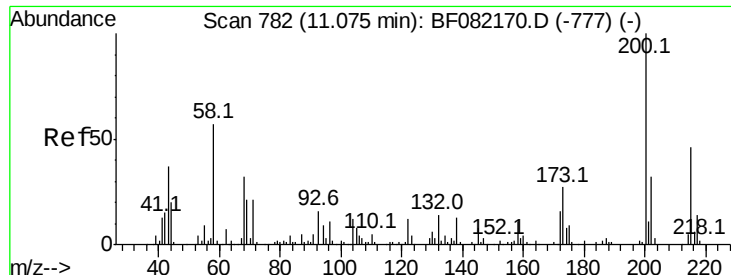
MMdadoda
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#67
 Hexachlorobenzene
 Concen: 38.77 ng
 RT: 10.97 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.6	13.0	19.6#
249	35.0	22.5	33.7#





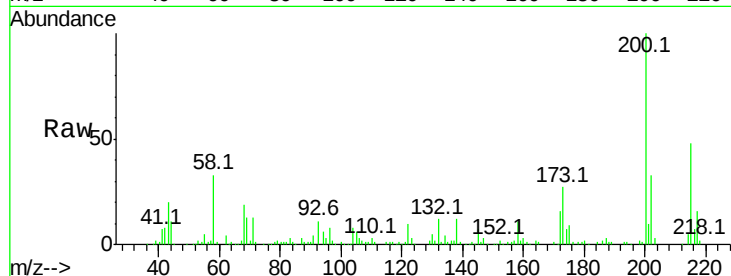
#68
Atrazine
Concen: 42.35 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

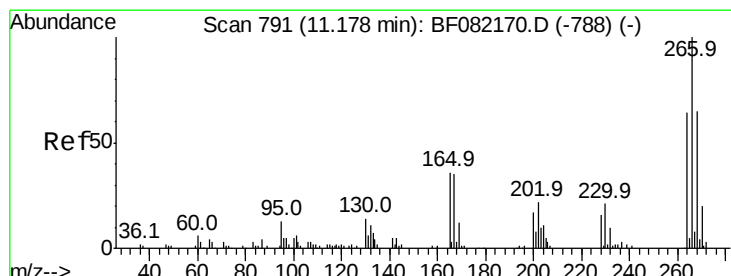
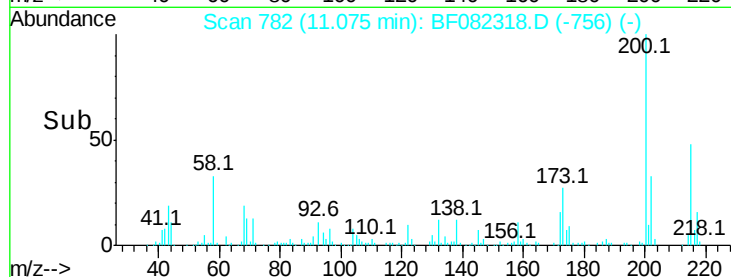
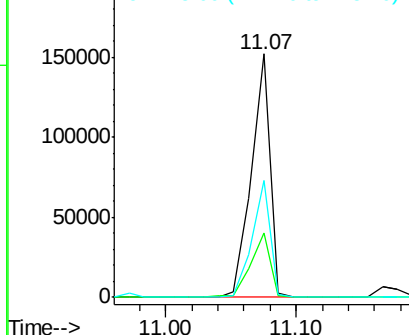
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.3	47.3
215	48.1	26.2	66.2

Manual Integrations
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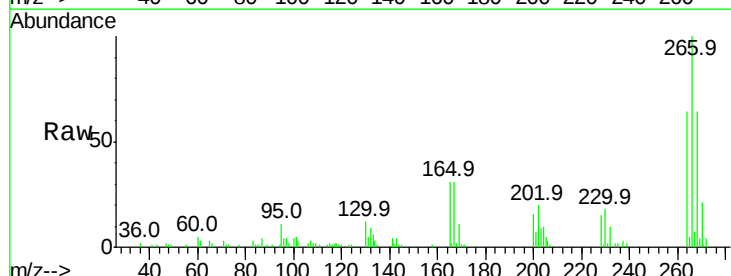


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

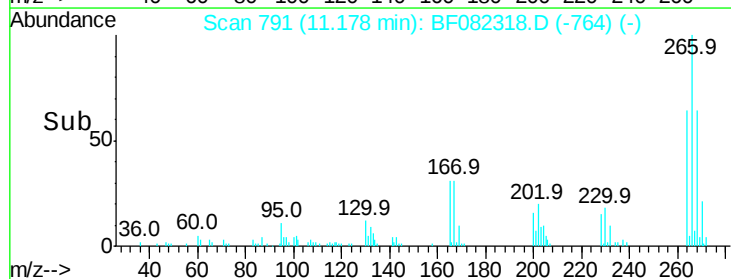
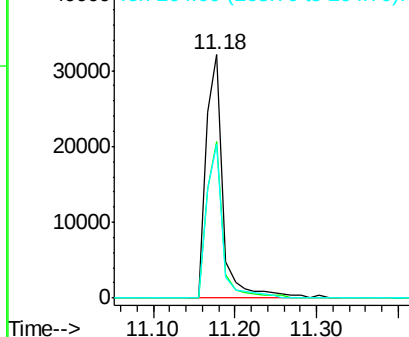


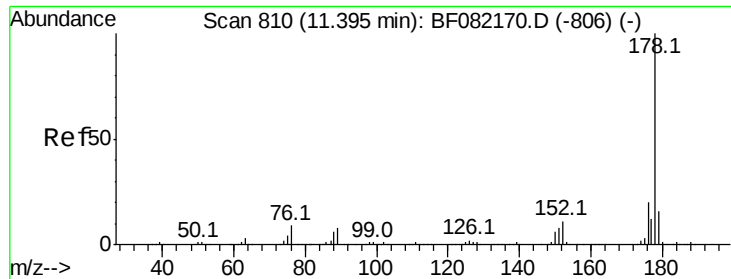
#69
Pentachlorophenol
Concen: 22.48 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.0	78.0
264	63.5	51.4	77.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





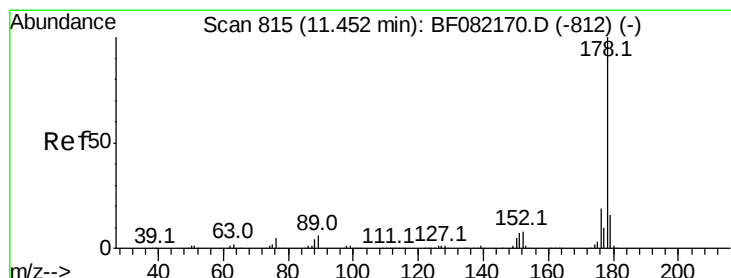
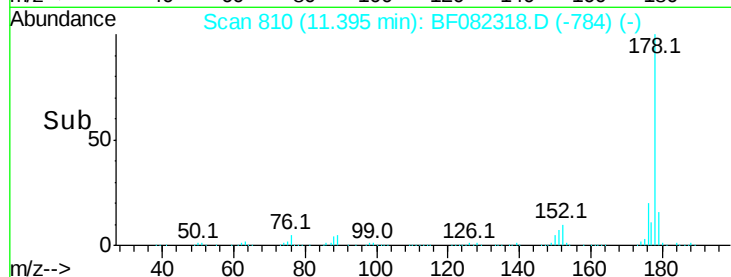
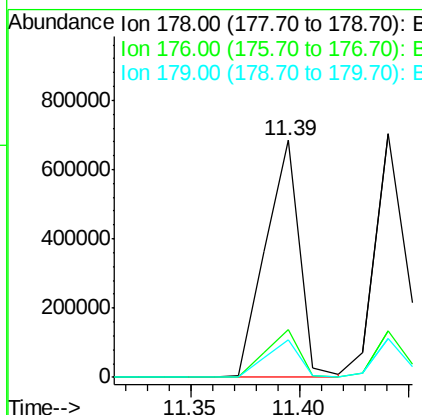
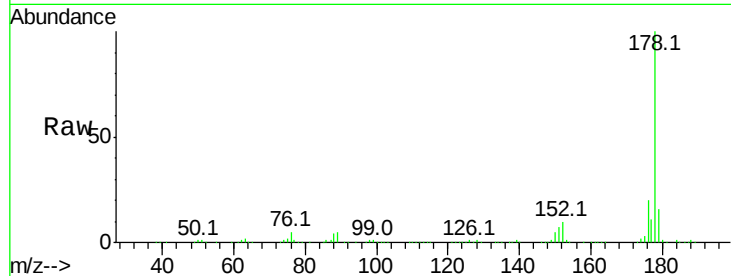
#70
Phenanthrene
Concen: 40.31 ng
RT: 11.39 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.7	12.6	19.0

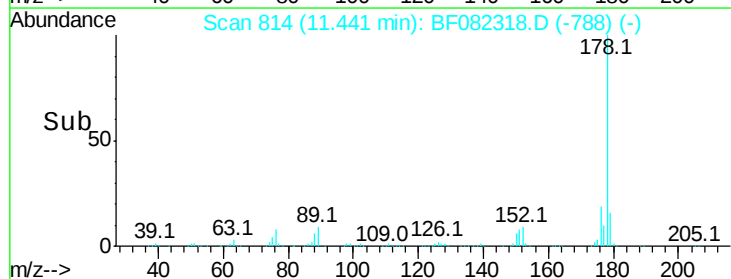
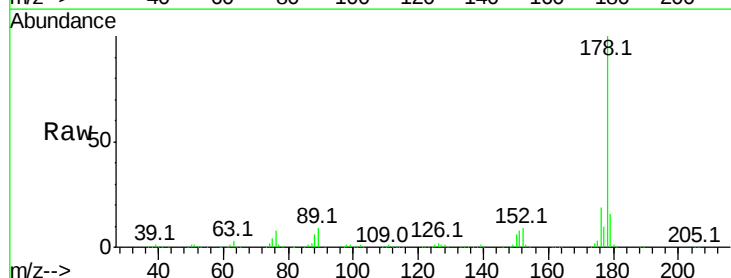
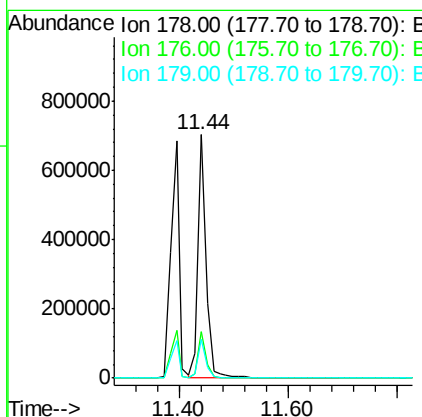
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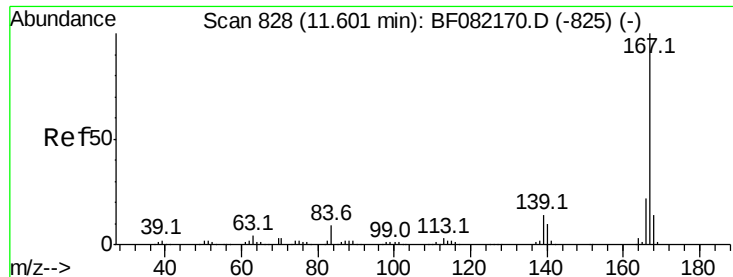
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#71
Anthracene
Concen: 37.81 ng
RT: 11.44 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	16.0	12.5	18.7





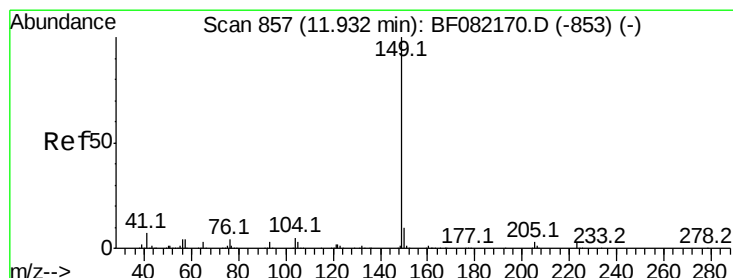
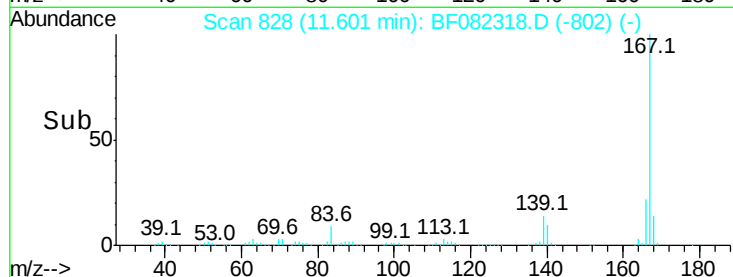
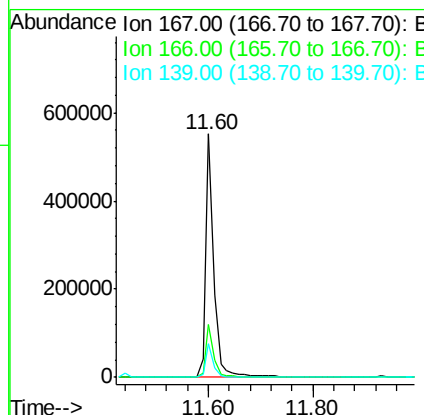
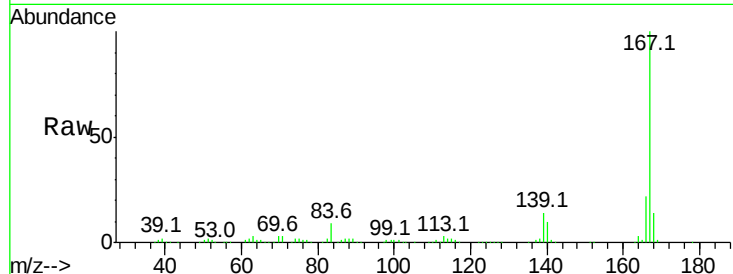
#72
 Carbazole
 Concen: 34.73 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
167	100	603996		
166	21.8		17.3	25.9
139	13.9		11.2	16.8

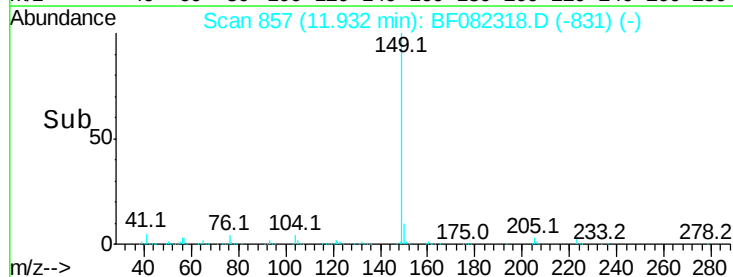
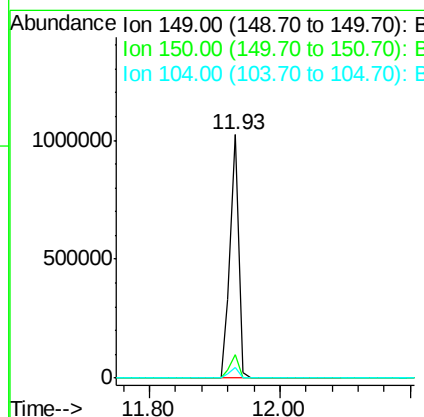
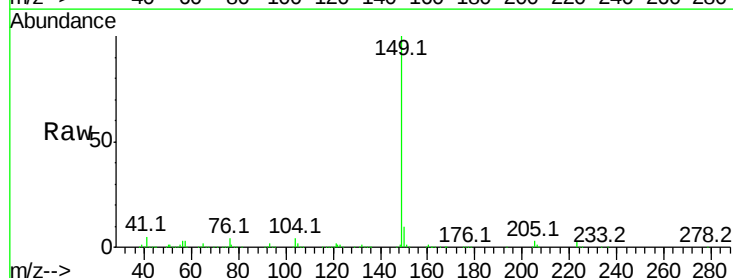
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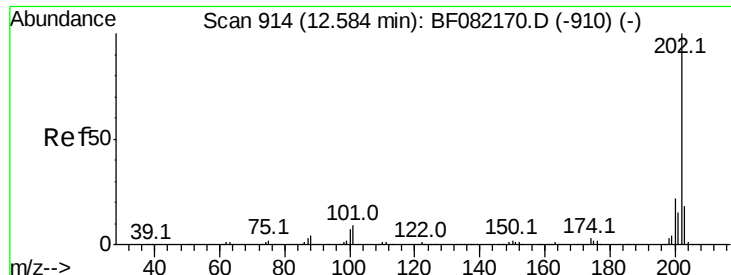
MMdadoda
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#73
 Di-n-butylphthalate
 Concen: 44.29 ng
 RT: 11.93 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	950210		
150	9.6		7.8	11.6
104	4.2		3.8	5.8





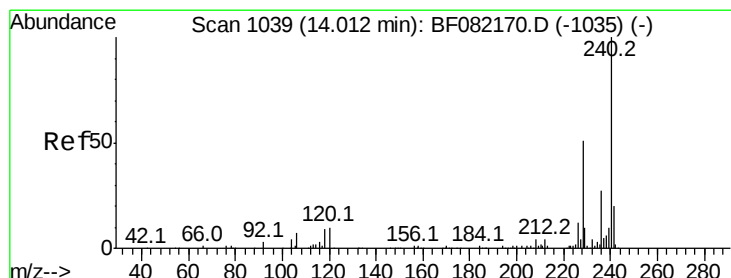
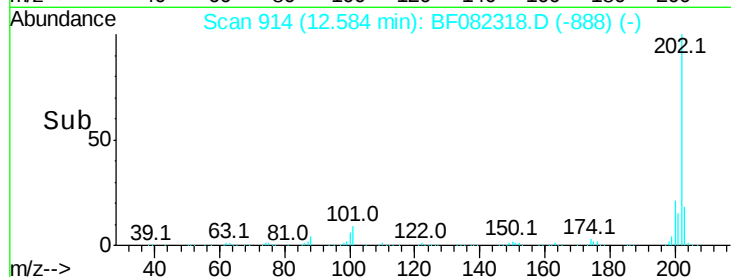
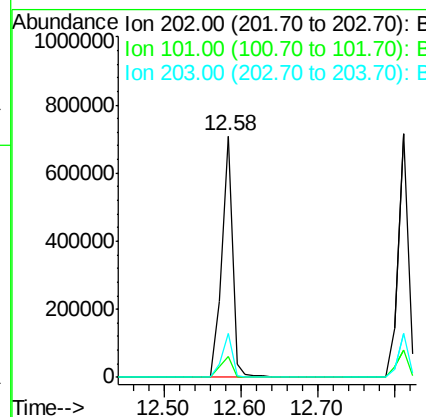
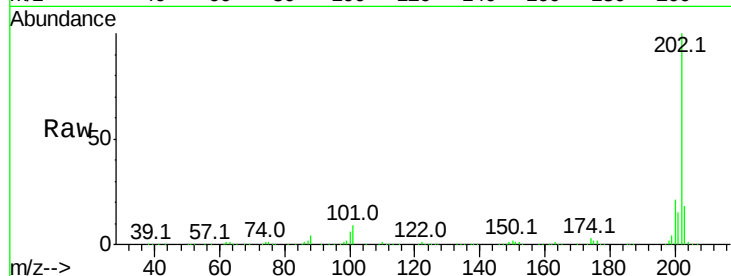
#74
Fluoranthene
 Concen: 34.61 ng
 RT: 12.58 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	0.0	29.3
203	18.1	0.0	37.8

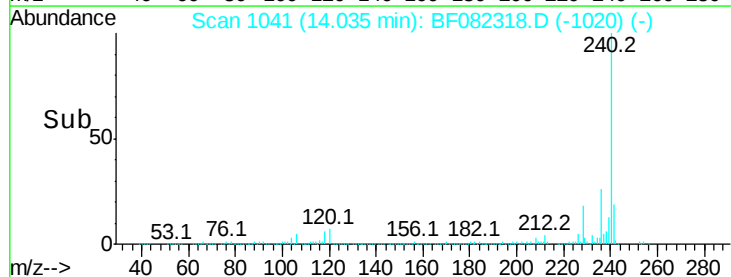
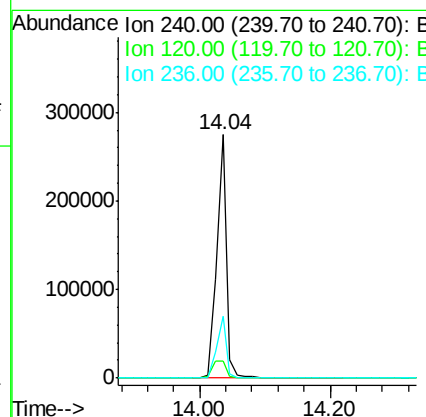
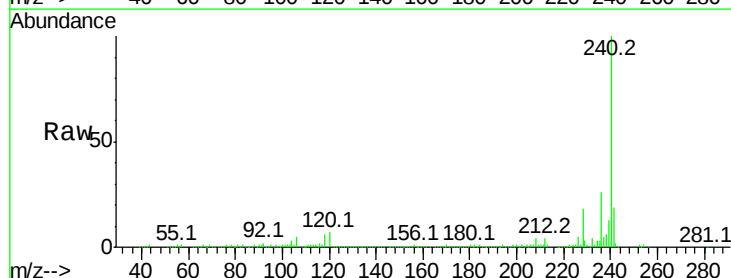
Manual Integrations
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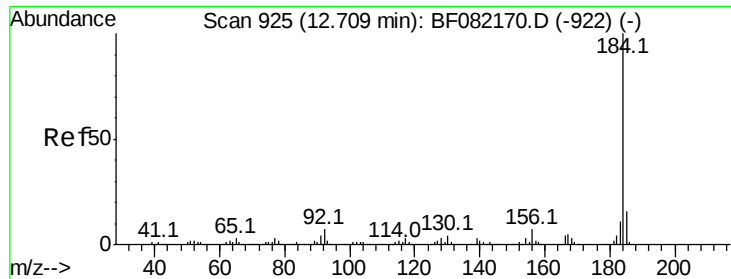
MMdadoda
 10/16/2015 4:15:57 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.06 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.9	8.1	12.1#
236	25.6	21.3	31.9





#76

Benzidine

Concen: 38.39 ng

RT: 12.71 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

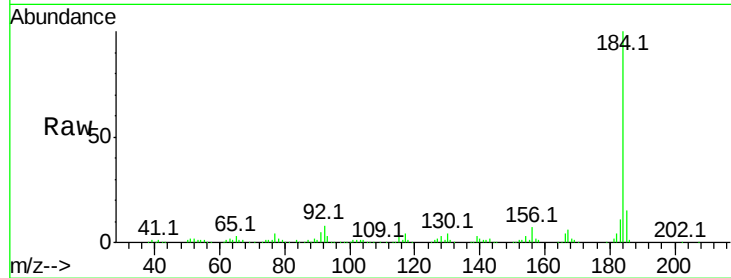
ClientSampleId :

SSTDCCC040EC

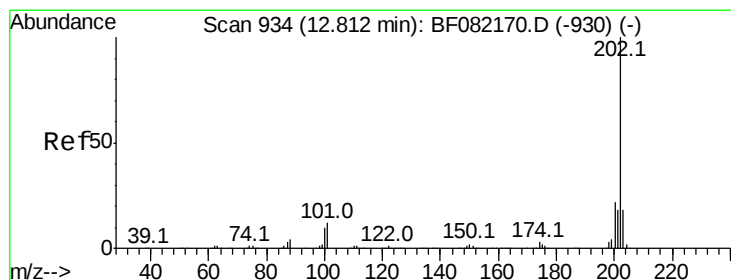
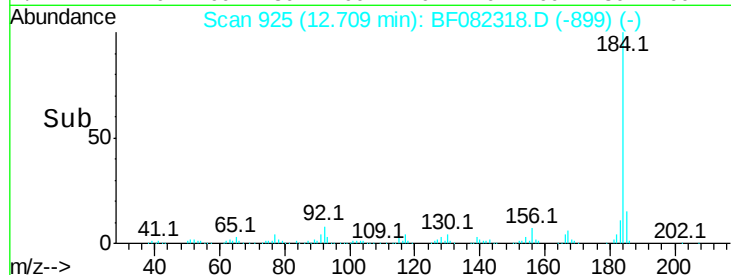
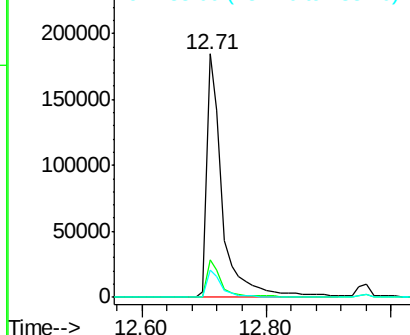
Tot Ion:	184	Resp:	323637
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.5	18.7
183	11.2	9.1	13.7

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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

Pyrene

Concen: 37.30 ng

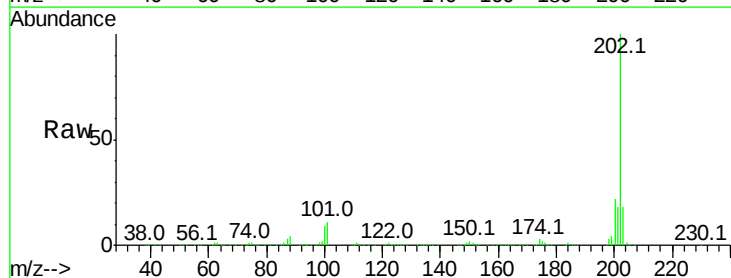
RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

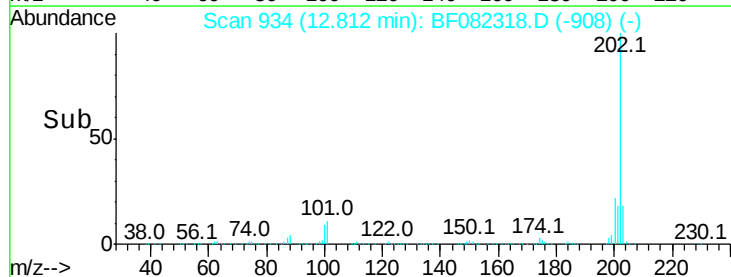
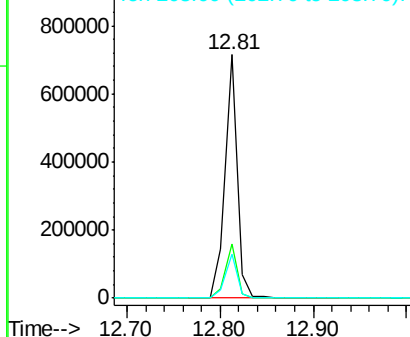
Lab File: BF082318.D

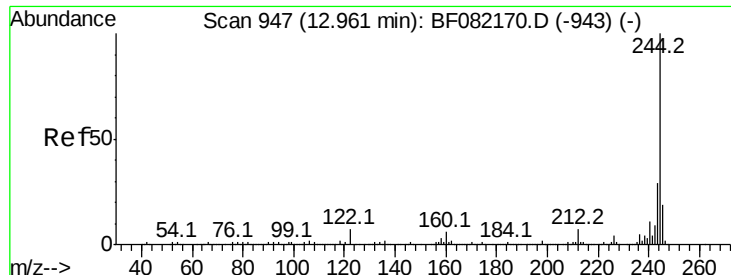
Acq: 15 Oct 2015 19:28

Tgt Ion:	202	Resp:	644030
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.9	26.9
203	18.2	14.5	21.7



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: 78.42 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

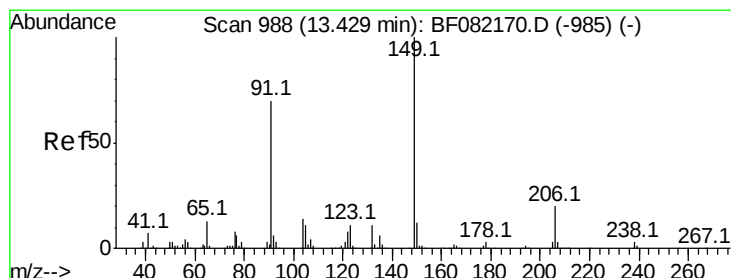
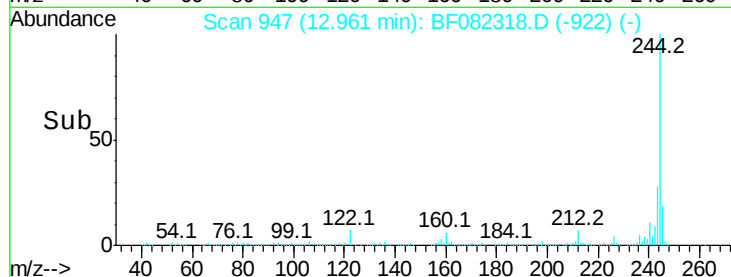
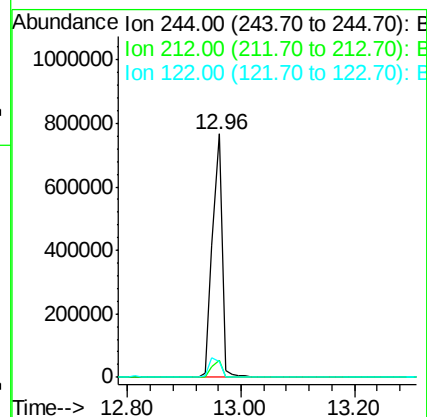
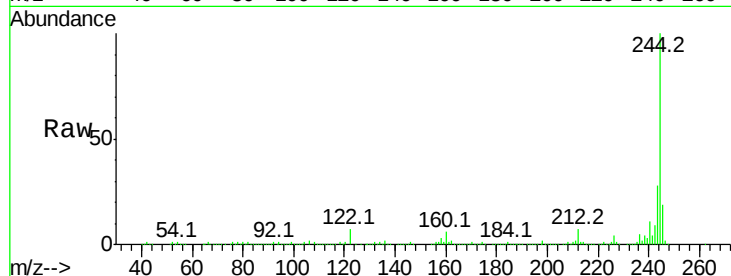
ClientSampleId :

SSTDCCC040EC

Tot Ion:	244	Resp:	860982
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.6
122	6.6	5.9	8.9

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#79

Butylbenzylphthalate

Concen: 36.56 ng

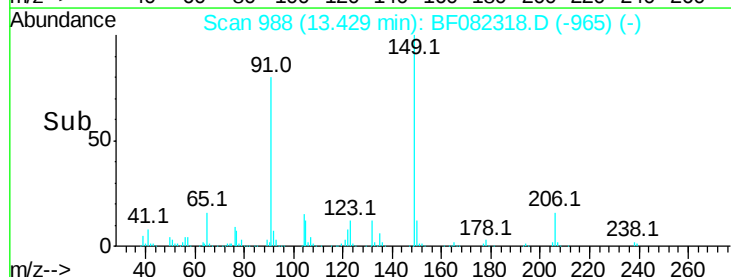
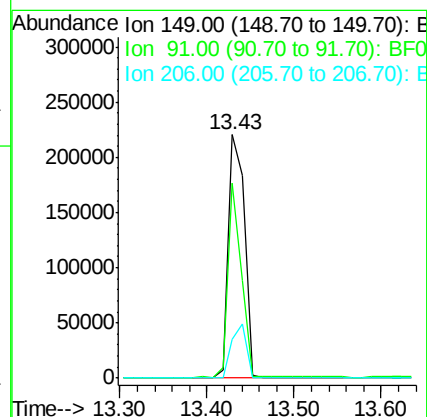
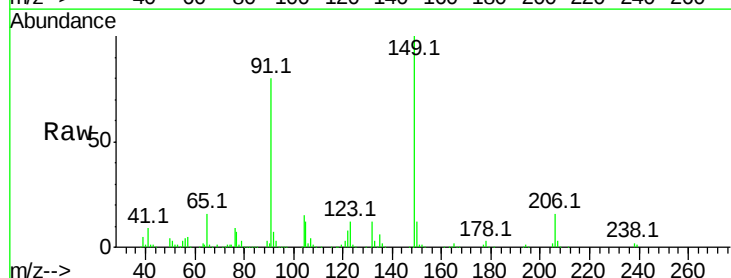
RT: 13.43 min Scan# 988

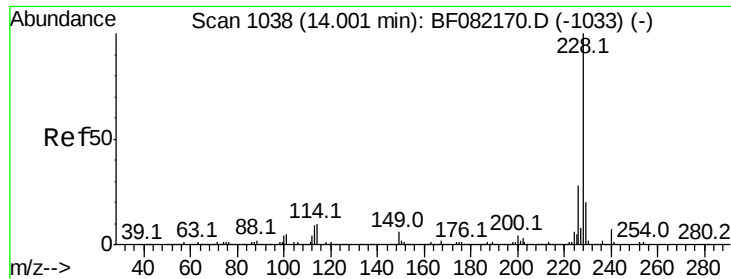
Delta R.T. -0.03 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	149	Resp:	288099
Ion Ratio	Lower	Upper	
149	100		
91	80.0	55.7	83.5
206	16.1	15.6	23.4





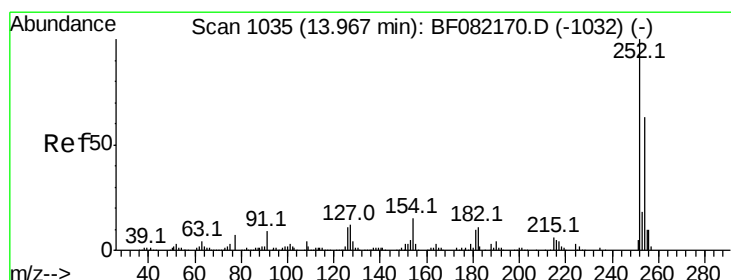
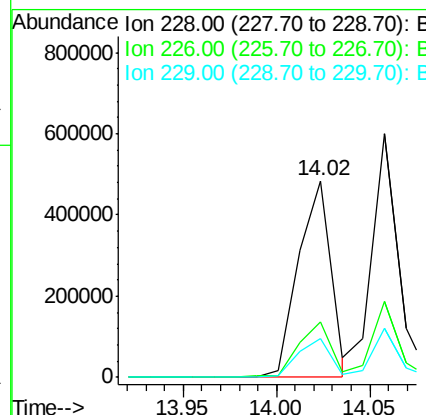
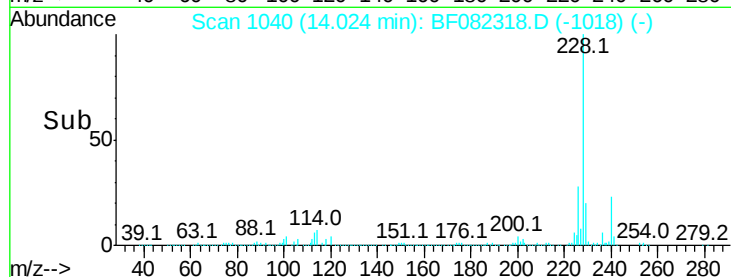
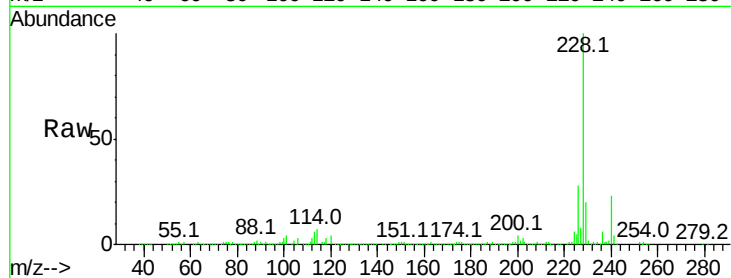
#80
Benzo(a)anthracene
Concen: 39.00 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
228	100	590385		
226	27.9		22.3	33.5
229	20.0		16.2	24.2

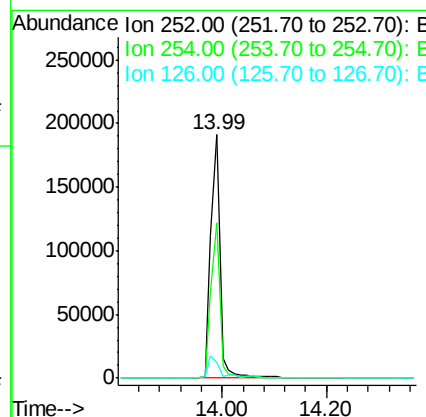
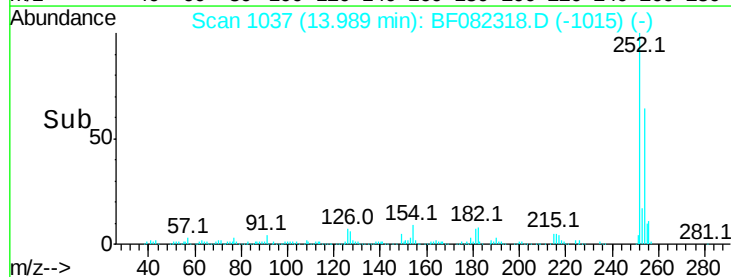
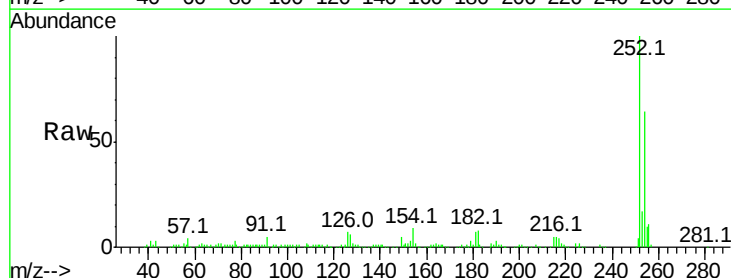
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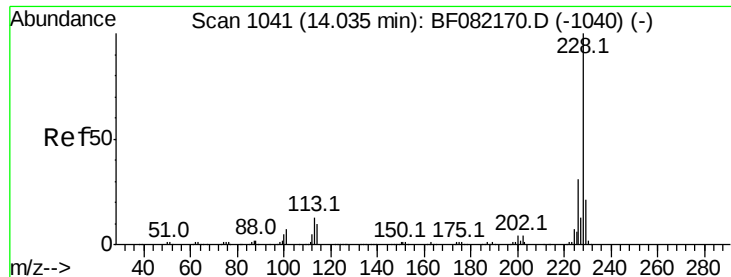
MMdadoda
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#81
3,3'-Dichlorobenzidine
Concen: 41.25 ng
RT: 13.99 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	237036		
254	64.0		50.7	76.1
126	6.5		9.0	13.6





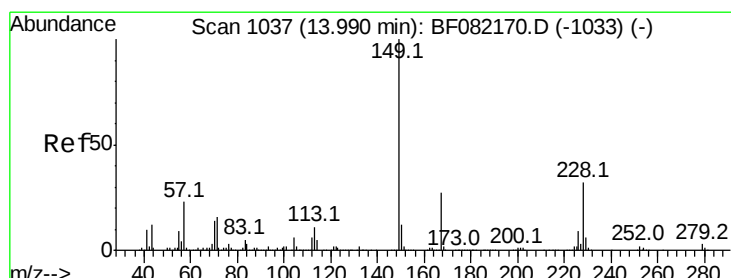
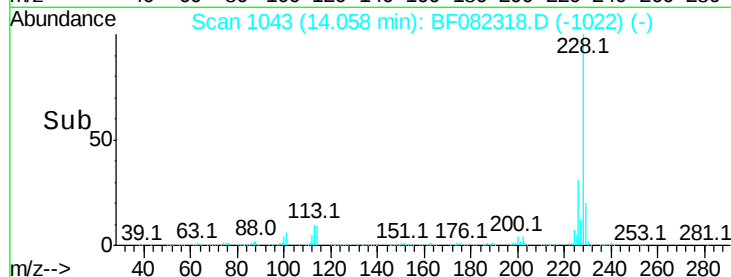
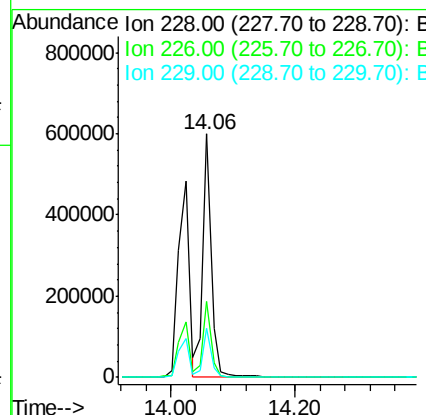
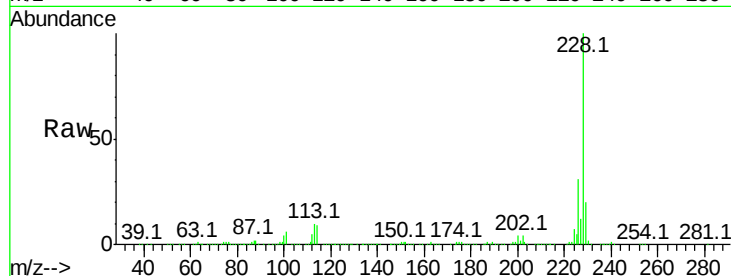
#82
 Chrvsene
 Concen: 36.94 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.06 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.4	16.3	24.5

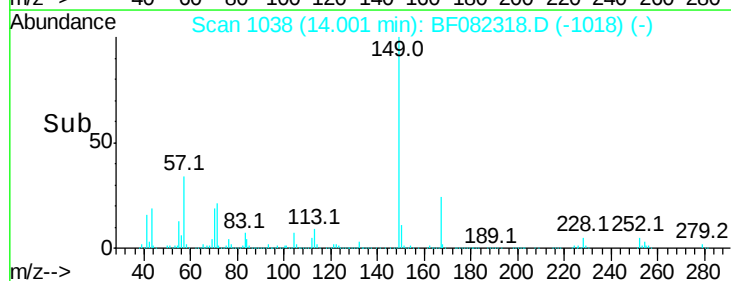
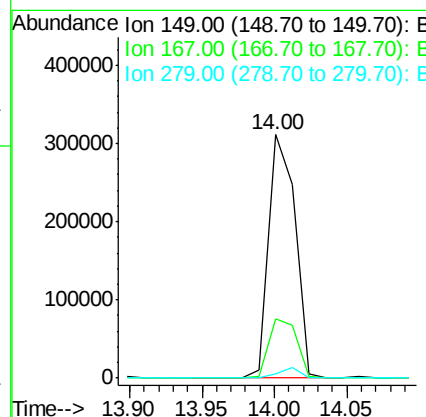
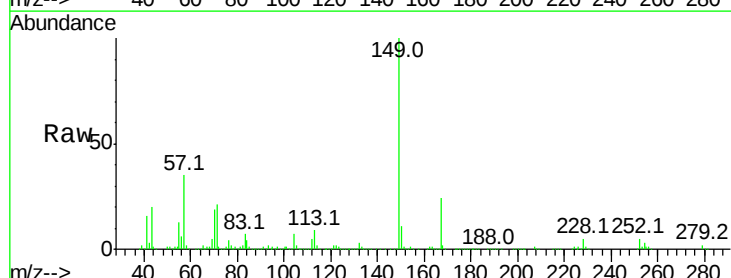
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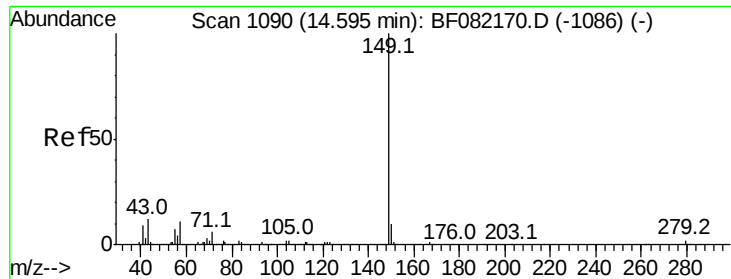
MMdadoda
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.01 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.07 min
 Lab File: BF082318.D
 Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.3	21.3	31.9
279	2.0	2.6	4.0





#84

Di-n-octyl phthalate

Concen: 37.23 ng

RT: 14.66 min Scan# 1096

Delta R.T. -0.10 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Instrument :

BNA_F

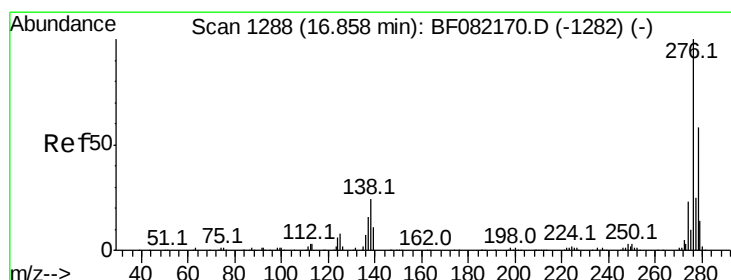
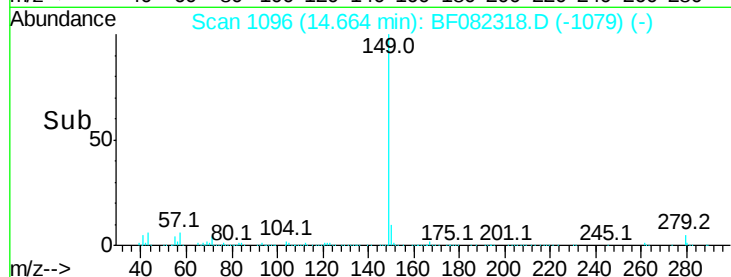
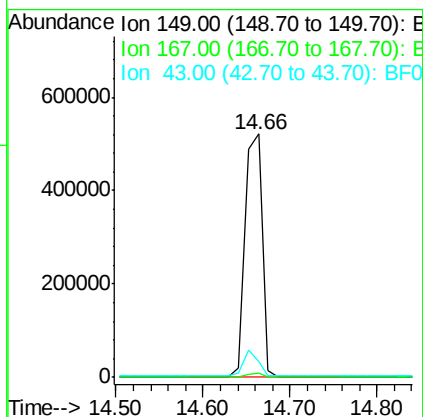
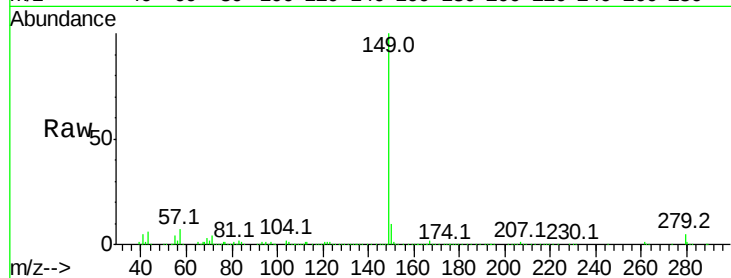
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	718807
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	9.1	7.4	11.2

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#85

Indeno(1,2,3-cd)pyrene

Concen: 43.45 ng

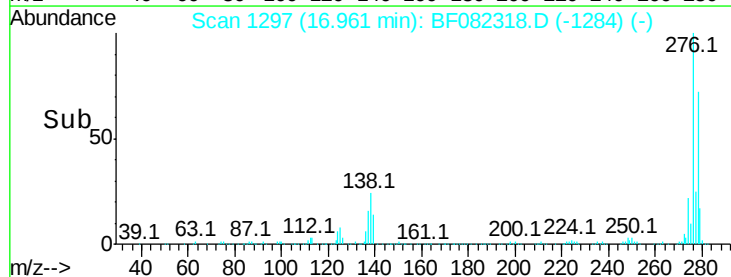
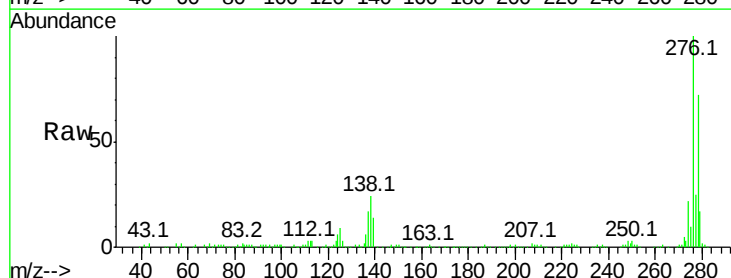
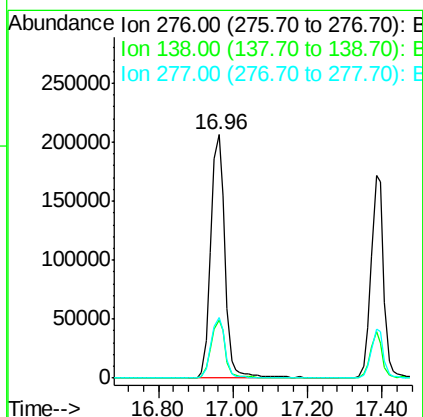
RT: 16.96 min Scan# 1297

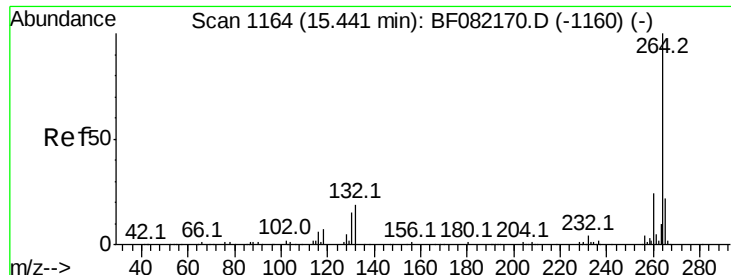
Delta R.T. -0.15 min

Lab File: BF082318.D

Acq: 15 Oct 2015 19:28

Tgt Ion:	276	Resp:	550796
Ion Ratio	Lower	Upper	
276	100		
138	24.7	19.7	29.5
277	25.1	20.1	30.1





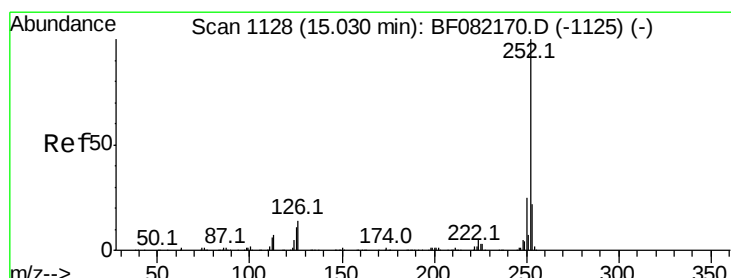
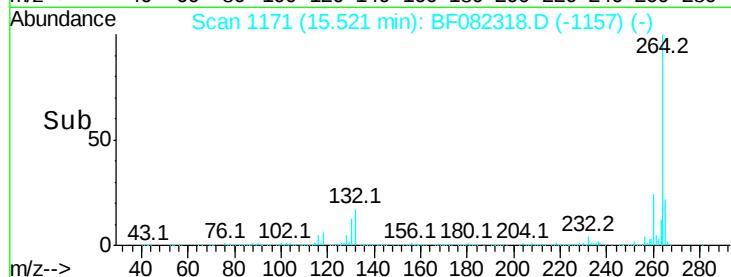
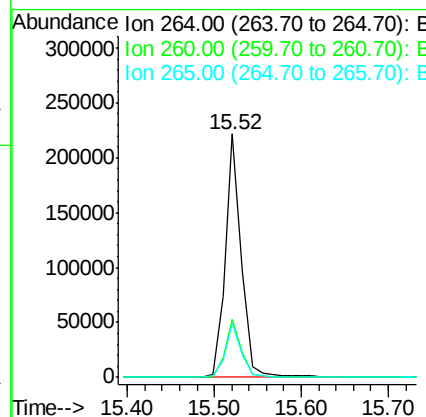
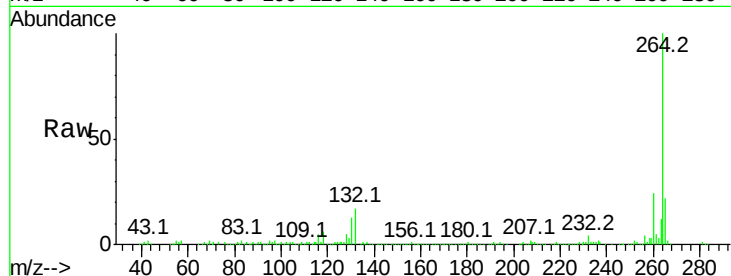
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.14 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.2	17.3	25.9

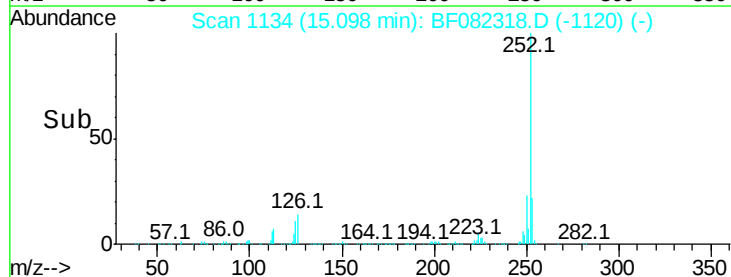
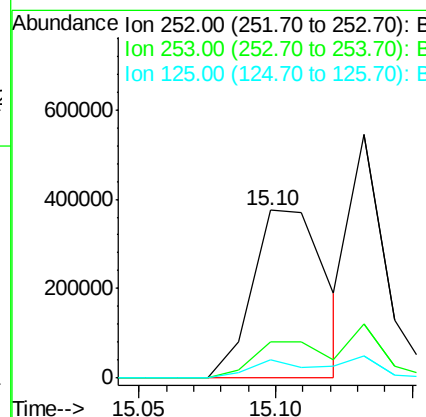
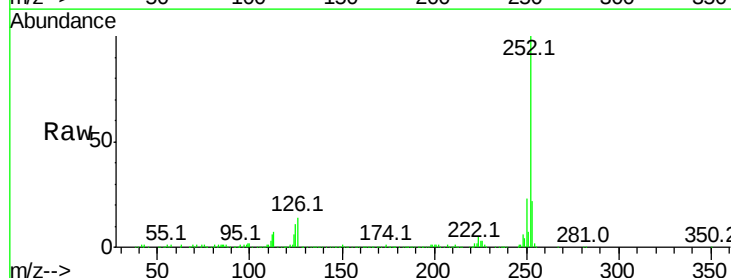
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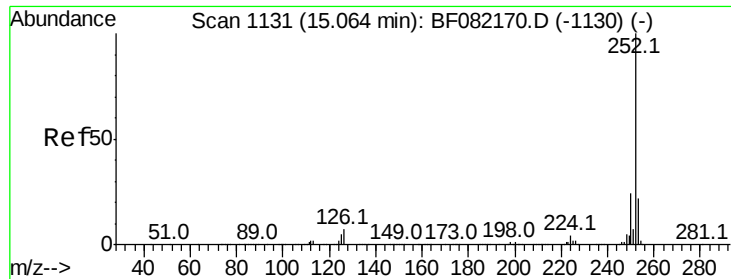
MMdadoda
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#87
Benzo(b)fluoranthene
Concen: 40.02 ng m
RT: 15.10 min Scan# 1134
Delta R.T. -0.14 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.9	8.6	12.8





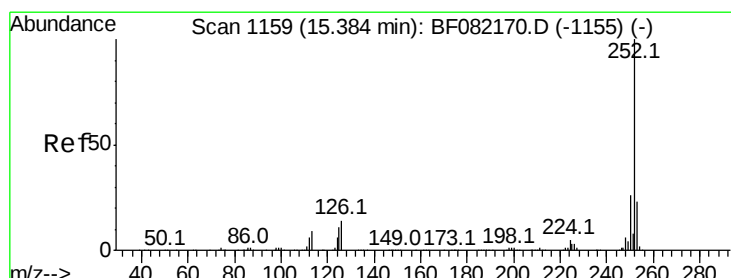
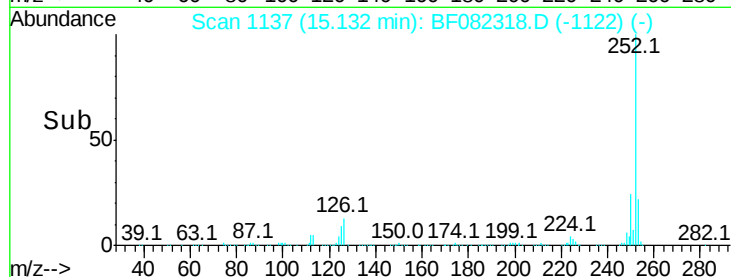
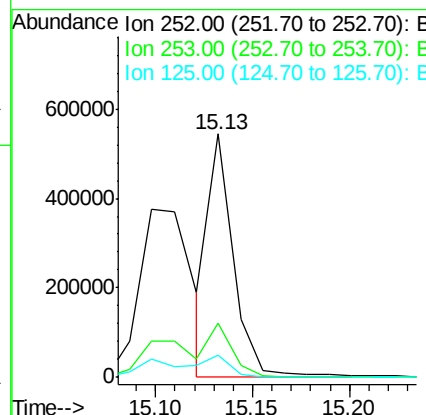
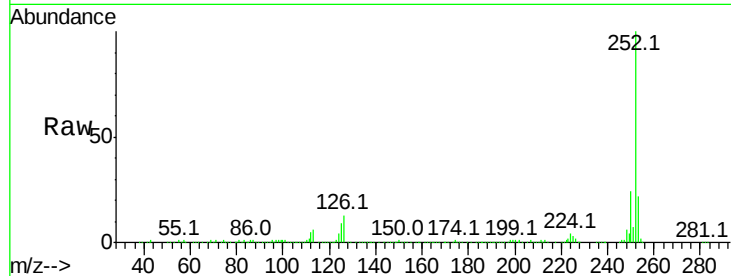
#88
Benzo(k)fluoranthene
Concen: 33.59 ng m
RT: 15.13 min Scan# 1137
Delta R.T. -0.13 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	491881		
253	22.3	17.8	26.6	
125	9.4	6.7	10.1	

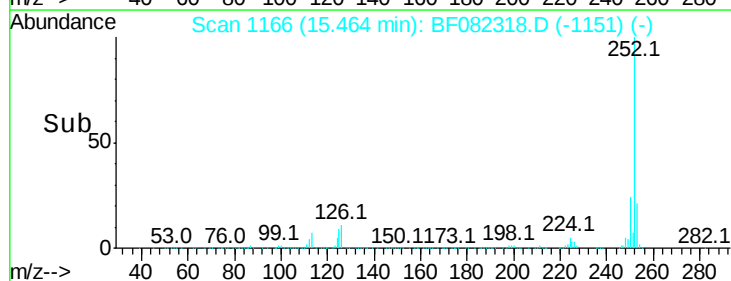
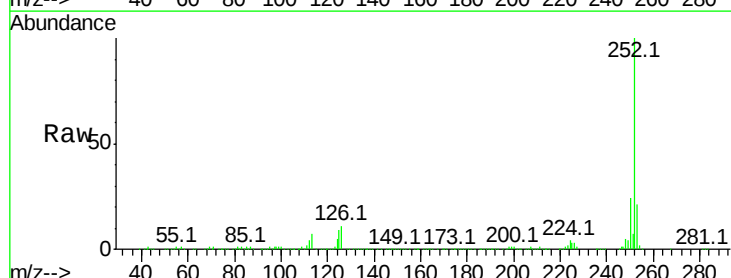
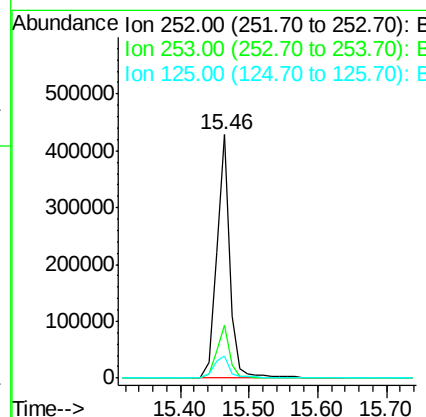
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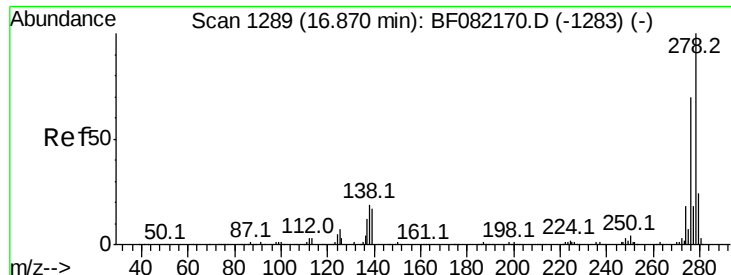
MMdadoda
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#89
Benzo(a)pyrene
Concen: 38.10 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.13 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	570387		
253	21.5	18.2	27.2	
125	9.4	8.9	13.3	





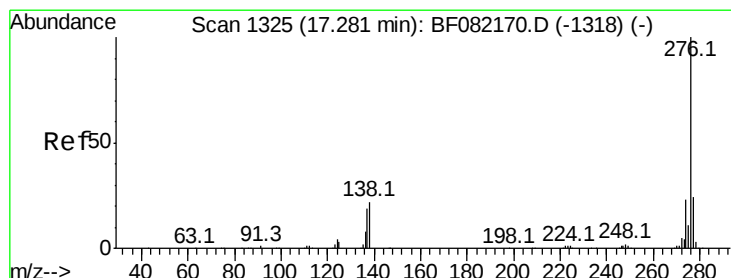
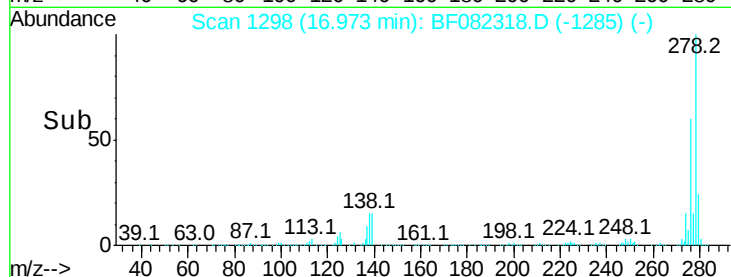
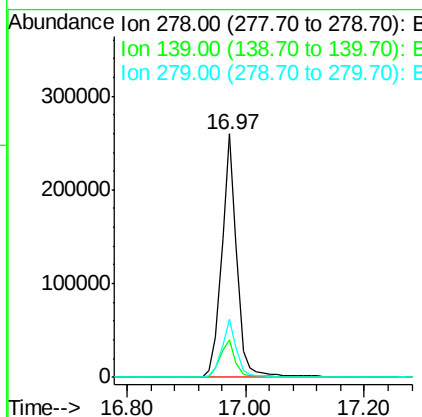
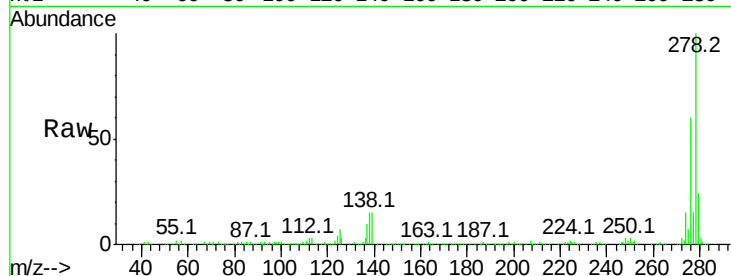
#90
Dibenzo(a,h)anthracene
Concen: 37.45 ng
RT: 16.97 min Scan# 1298
Delta R.T. -0.15 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
278	100	459419		
139	15.5		13.3	19.9
279	23.9		18.9	28.3

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 34.10 ng
RT: 17.38 min Scan# 1334
Delta R.T. -0.16 min
Lab File: BF082318.D
Acq: 15 Oct 2015 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	406466		
277	24.2		18.8	28.2
138	23.1		17.4	26.2

