

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083707.D
 Acq On : 11 Dec 2015 21:00
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:31 PM

Quant Time: Dec 11 23:03:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	129898	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	517001	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	233293	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	427663	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	288573	20.00	ng	0.00
86) Perylene-d12	15.51	264	236780	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	684720	81.18	ng	-0.01
7) Phenol-d6	6.54	99	812756	78.02	ng	0.00
23) Nitrobenzene-d5	7.48	82	706345	92.65	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	217987	96.53	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1260998	79.62	ng	0.00
78) Terphenyl-d14	13.03	244	1175899	91.51	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	165612	40.15	ng	# 86
3) Pyridine	3.30	79	439314	40.99	ng	87
4) n-Nitrosodimethylamine	3.23	42	177837	40.81	ng	# 77
6) Aniline	6.58	93	566161	39.70	ng	# 86
8) 2-Chlorophenol	6.70	128	368615	39.99	ng	95
9) Benzaldehyde	6.46	77	228637	39.85	ng	96
10) Phenol	6.56	94	438823	36.26	ng	78
11) bis(2-Chloroethyl)ether	6.66	93	375179	42.47	ng	92
12) 1,3-Dichlorobenzene	6.86	146	399298	39.25	ng	96
13) 1,4-Dichlorobenzene	6.94	146	424384	41.30	ng	97
14) 1,2-Dichlorobenzene	7.10	146	366824m	38.82	ng	
15) Benzyl Alcohol	7.06	79	278650	38.08	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	467976	38.26	ng	67
17) 2-Methylphenol	7.17	107	300706	40.41	ng	# 85
18) Hexachloroethane	7.45	117	146602	42.15	ng	96
19) n-Nitroso-di-n-propylamine	7.34	70	247848	40.83	ng	# 83
20) 3+4-Methylphenols	7.33	107	379486	41.43	ng	# 35
22) Acetophenone	7.33	105	481853	38.98	ng	# 99
24) Nitrobenzene	7.50	77	394505	46.26	ng	# 90
25) Isophorone	7.74	82	668058	39.21	ng	97
26) 2-Nitrophenol	7.82	139	177215	50.45	ng	# 82
27) 2,4-Dimethylphenol	7.86	122	337940	39.56	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	411441	42.23	ng	# 96
29) 2,4-Dichlorophenol	8.06	162	312608	44.25	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	326440	41.68	ng	99
31) Naphthalene	8.24	128	1077783	42.23	ng	99
32) Benzoic acid	7.96	122	224148m	46.42	ng	
33) 4-Chloroaniline	8.27	127	408222	38.44	ng	95
34) Hexachlorobutadiene	8.36	225	180296	41.43	ng	97
35) Caprolactam	8.64	113	94511	41.62	ng	# 75
36) 4-Chloro-3-methylphenol	8.75	107	323723	41.86	ng	92
37) 2-Methylnaphthalene	8.92	142	642236	39.88	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	308519	42.39	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	148546	43.14	ng	99

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	223010	44.71	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	191969	39.89	nq #	93
45) 1,1'-Biphenyl	9.39	154	850817	41.82	nq	95
46) 2-Chloronaphthalene	9.41	162	651050	42.45	nq	98
47) 2-Nitroaniline	9.49	65	160983	42.79	nq	89
48) Acenaphthylene	9.82	152	1008078	39.89	nq	99
49) Dimethylphthalate	9.69	163	755728	42.10	nq	98
50) 2,6-Dinitrotoluene	9.74	165	160381	46.01	nq #	58
51) Acenaphthene	10.00	154	597997	39.96	nq	99
52) 3-Nitroaniline	9.90	138	174924	44.75	nq	82
53) 2,4-Dinitrophenol	10.01	184	55414	51.51	nq #	32
54) Dibenzofuran	10.17	168	810624	40.69	nq	94
55) 4-Nitrophenol	10.05	139	156788	47.19	nq	86
56) 2,4-Dinitrotoluene	10.14	165	201395	45.44	nq #	49
57) Fluorene	10.51	166	652257	41.25	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	161639	45.35	nq #	100
59) Diethylphthalate	10.38	149	687231	40.85	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	300835	39.87	nq	91
61) 4-Nitroaniline	10.51	138	146169	40.34	nq	96
62) Azobenzene	10.66	77	600556	37.50	nq	98
64) 4,6-Dinitro-2-methylphenol	10.54	198	85600	46.94	nq #	83
65) n-Nitrosodiphenylamine	10.61	169	538919	37.96	nq	98
66) 4-Bromophenyl-phenylether	10.99	248	195430	42.76	nq	95
67) Hexachlorobenzene	11.06	284	214611	43.10	nq	93
68) Atrazine	11.14	200	161280	39.84	nq	97
69) Pentachlorophenol	11.24	266	128541	46.26	nq	100
70) Phenanthrene	11.47	178	1009841	43.26	nq	99
71) Anthracene	11.52	178	949309	39.39	nq	98
72) Carbazole	11.67	167	875329	39.57	nq #	96
73) Di-n-butylphthalate	12.01	149	1045658	43.37	nq	100
74) Fluoranthene	12.65	202	952184	38.98	nq	96
76) Benzidine	12.76	184	487672	43.83	nq	99
77) Pyrene	12.88	202	978869	43.02	nq	98
79) Butylbenzylphthalate	13.49	149	355127	48.68	nq #	86
80) Benzo(a)anthracene	14.07	228	734608	43.45	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	240329	44.72	nq	98
82) Chrysene	14.10	228	756821	46.55	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	363446	46.06	nq	100
84) Di-n-octyl phthalate	14.67	149	504653	42.32	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	708105	40.45	nq #	100
87) Benzo(b)fluoranthene	15.09	252	586891	39.88	nq	99
88) Benzo(k)fluoranthene	15.12	252	578209m	41.20	nq	
89) Benzo(a)pyrene	15.45	252	565457	42.25	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	583109	43.98	nq	96
91) Benzo(g,h,i)perylene	17.37	276	610741	43.69	nq	97

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

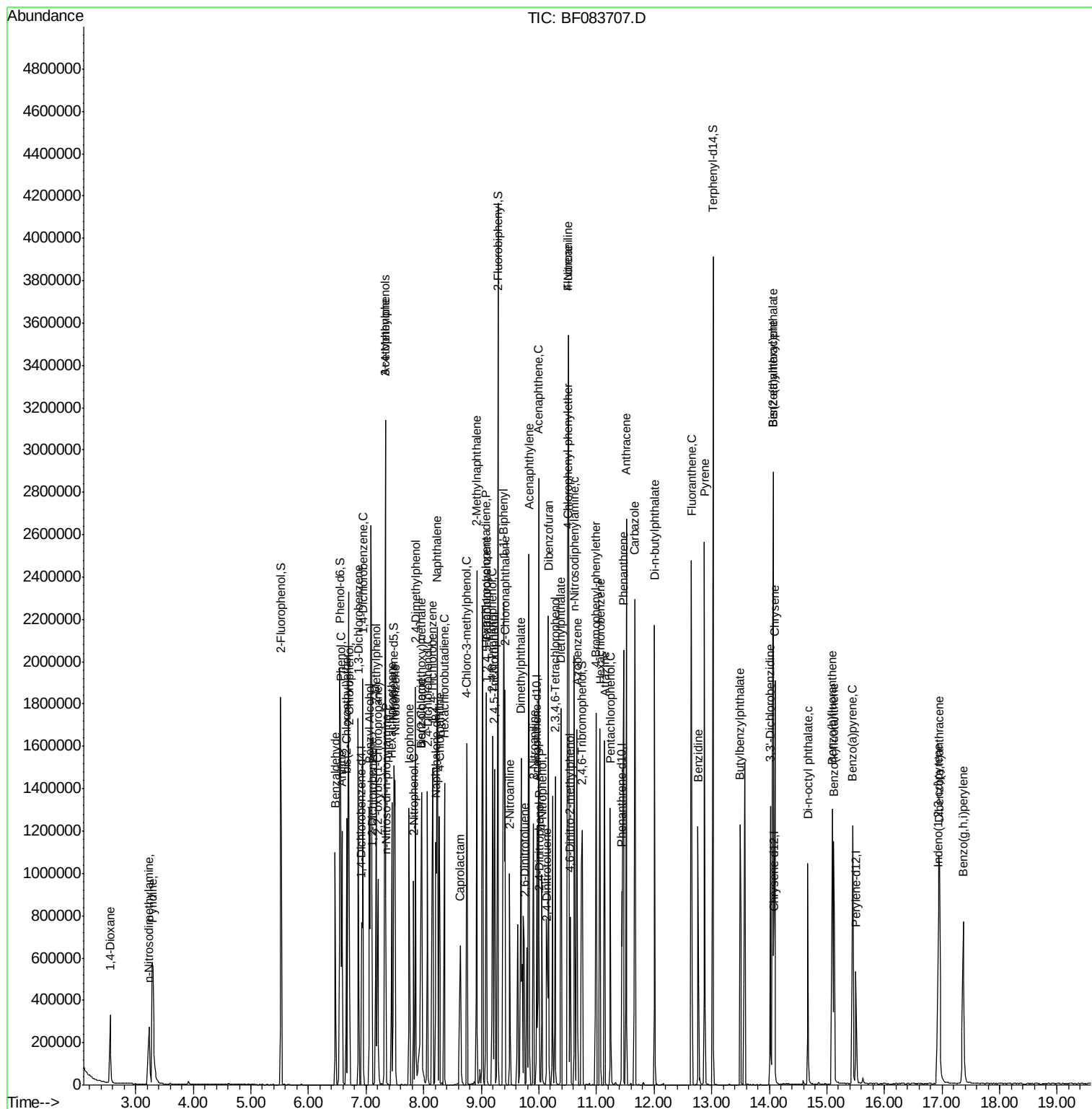
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\  
Data File : BF083707.D  
Acq On    : 11 Dec 2015   21:00  
Operator  : UM/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
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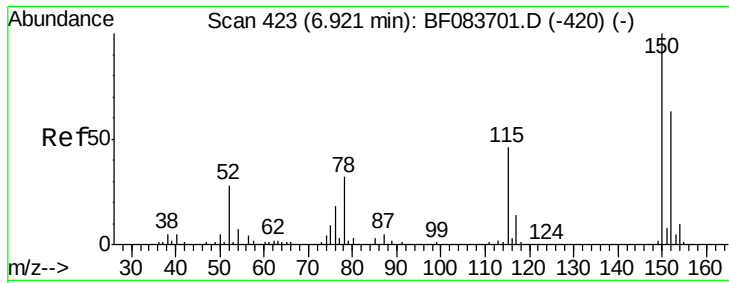
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

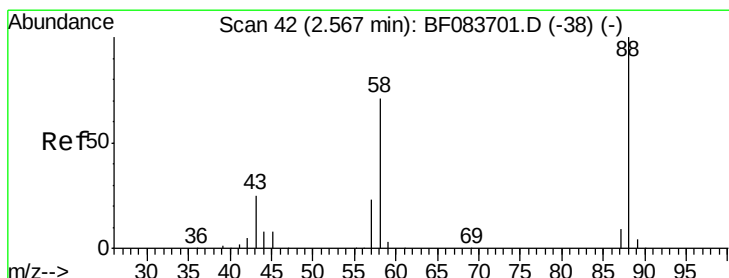
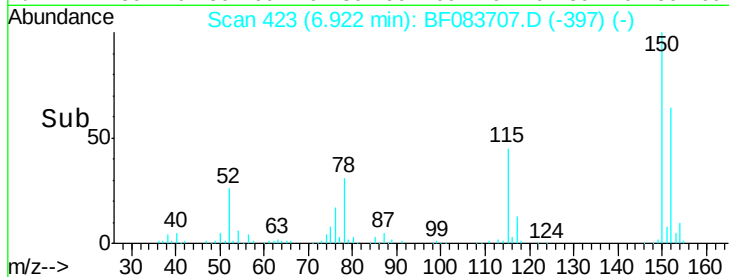
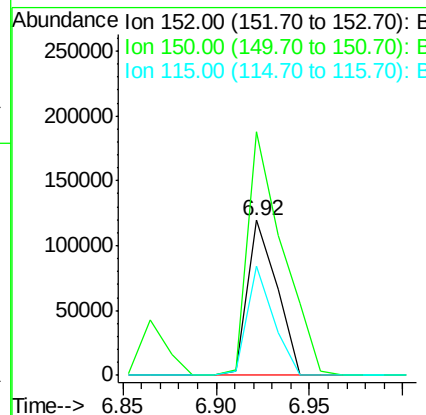
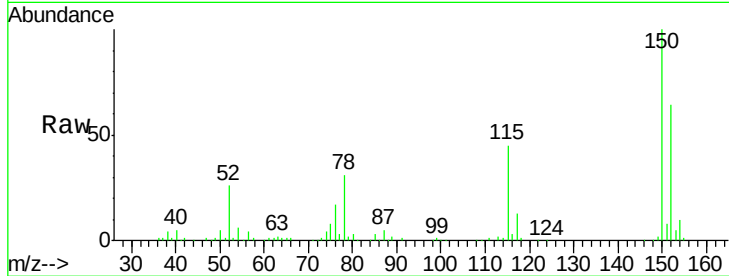
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	129898
Ion Ratio	Lower	Upper	
152	100		
150	157.4	126.5	189.7
115	70.3	52.3	78.5

Manual Integrations
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#2

1,4-Dioxane

Concen: 40.15 ng

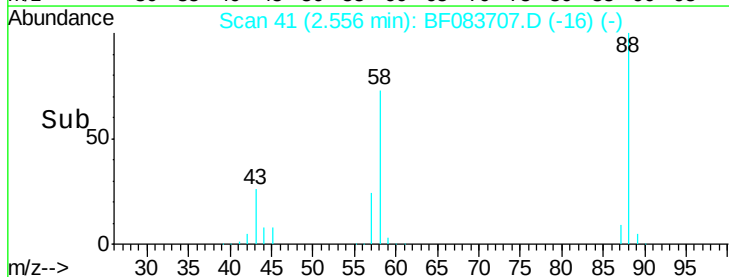
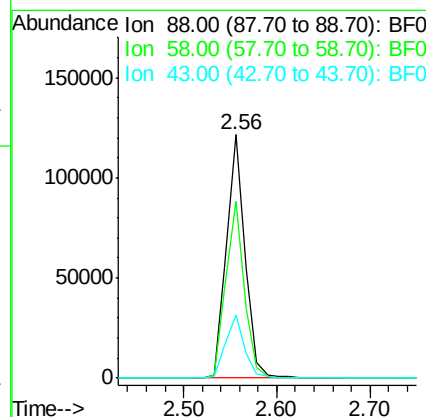
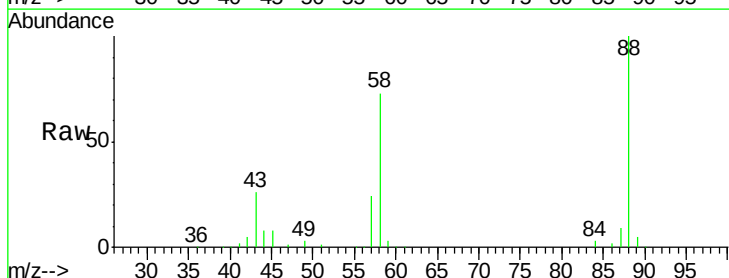
RT: 2.56 min Scan# 41

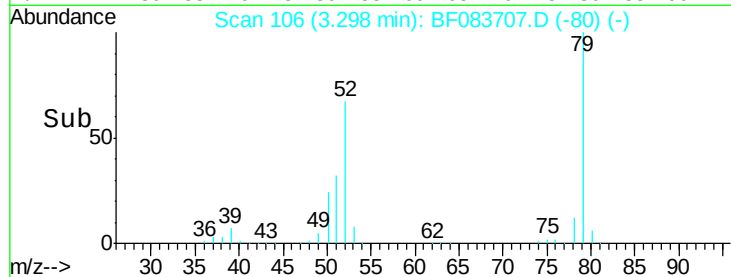
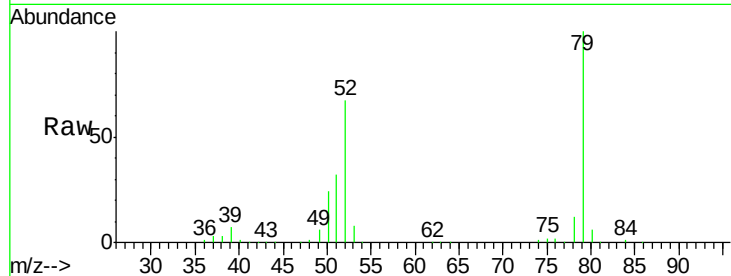
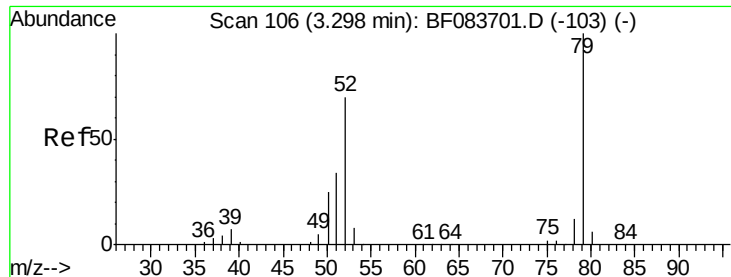
Delta R.T. -0.01 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	88	Resp:	165612
Ion Ratio	Lower	Upper	
88	100		
58	72.7	68.0	102.0
43	26.5	27.9	41.9#





#3

Pvridine

Concen: 40.99 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

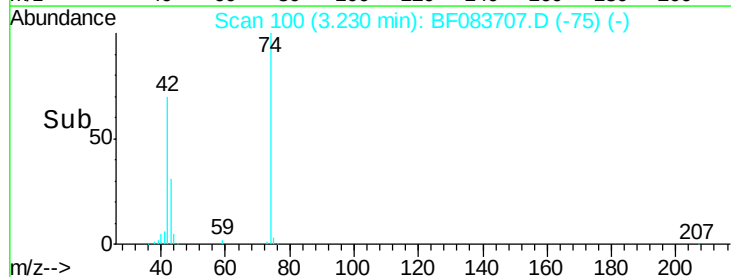
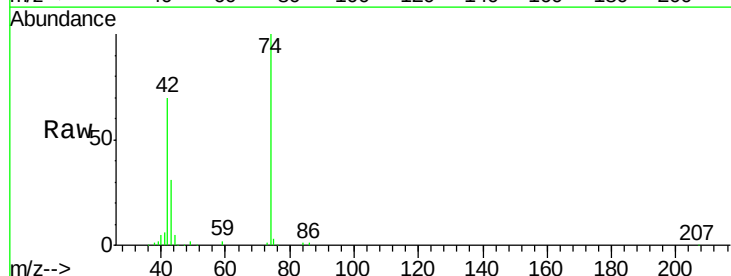
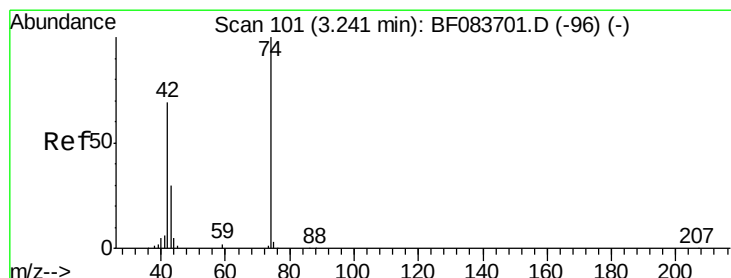
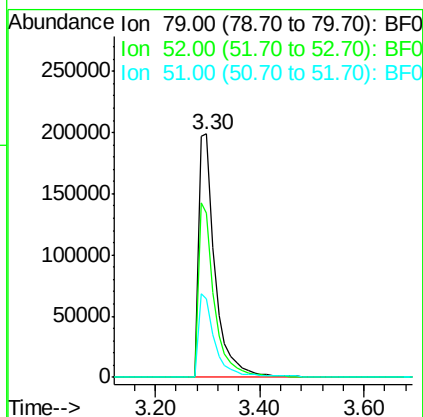
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	439314
Ion	Ratio	Lower	Upper
79	100		
52	67.3	63.7	95.5
51	32.4	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.81 ng

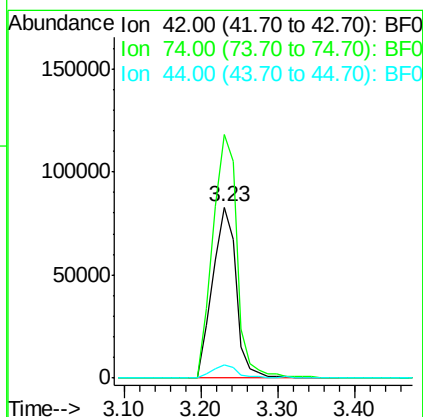
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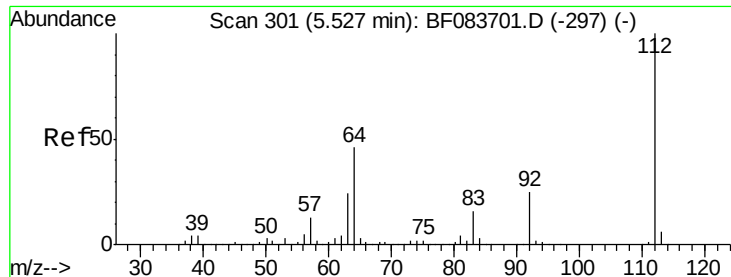
Delta R.T. -0.01 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	42	Resp:	177837
Ion	Ratio	Lower	Upper
42	100		
74	142.4	92.9	139.3#
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 81.18 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

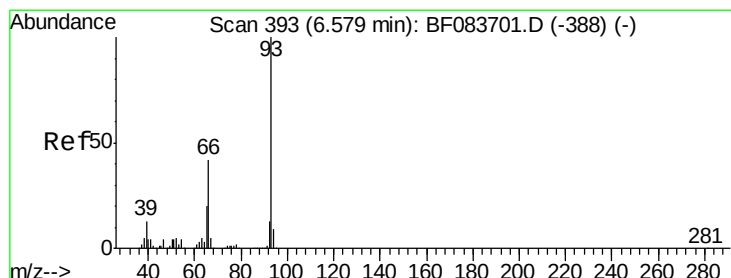
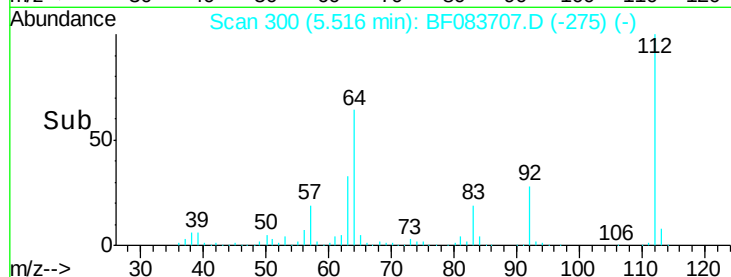
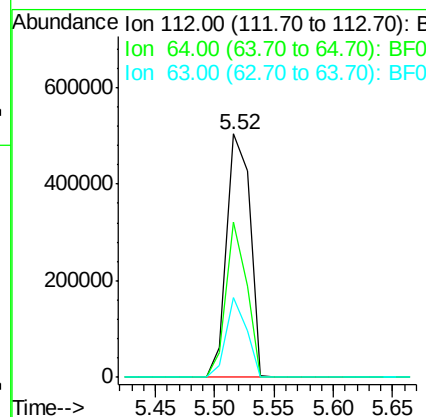
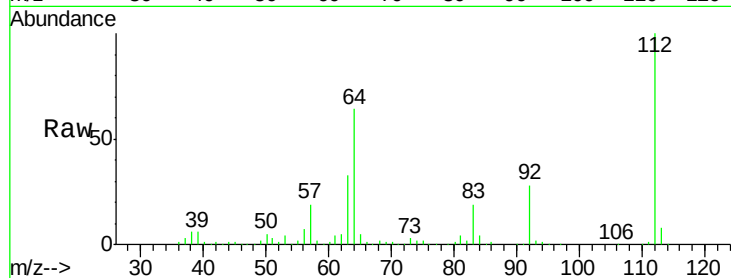
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	684720
Ion Ratio	Lower	Upper	
112	100		
64	63.7	50.5	75.7
63	32.7	25.8	38.6

Manual Integrations
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#6

Aniline

Concen: 39.70 ng

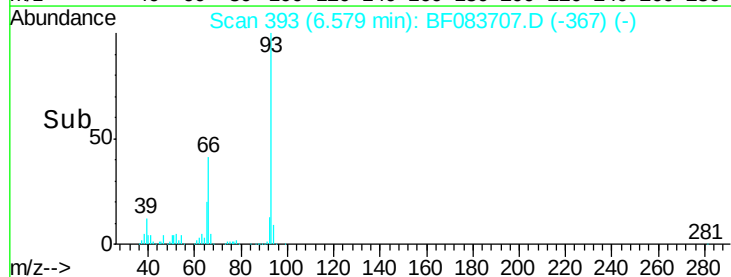
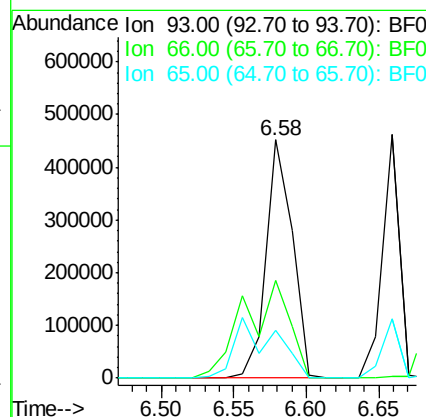
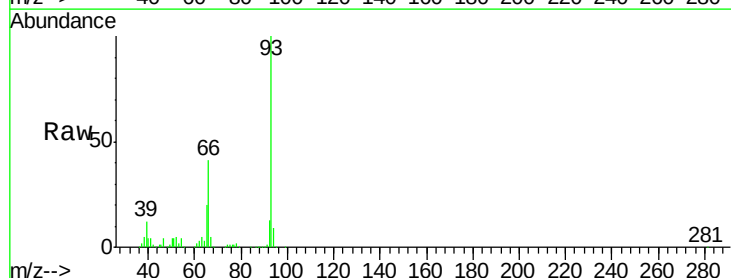
RT: 6.58 min Scan# 393

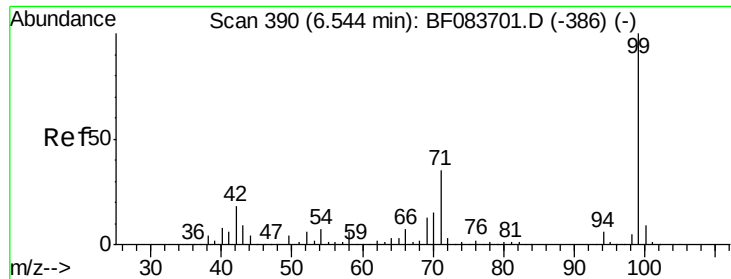
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	93	Resp:	566161
Ion Ratio	Lower	Upper	
93	100		
66	40.9	41.3	61.9#
65	20.2	20.8	31.2#





#7

Phenol-d6

Concen: 78.02 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

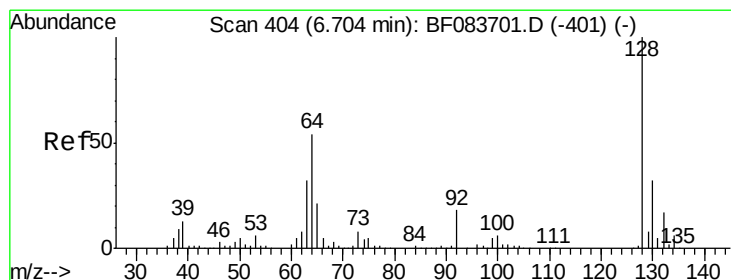
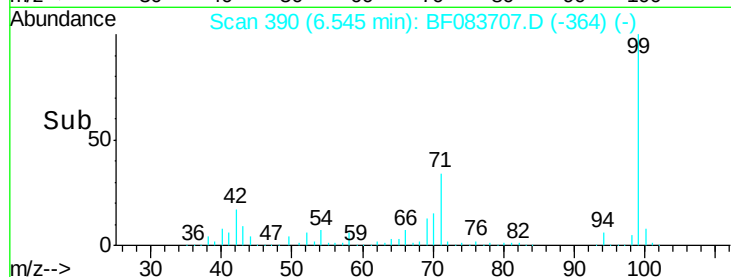
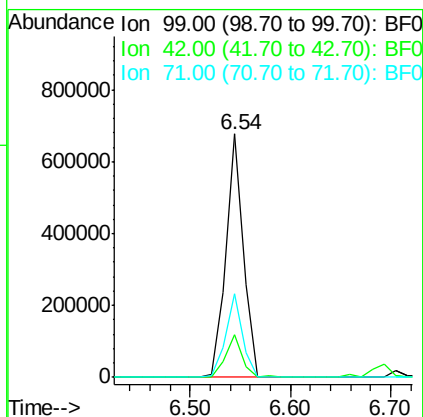
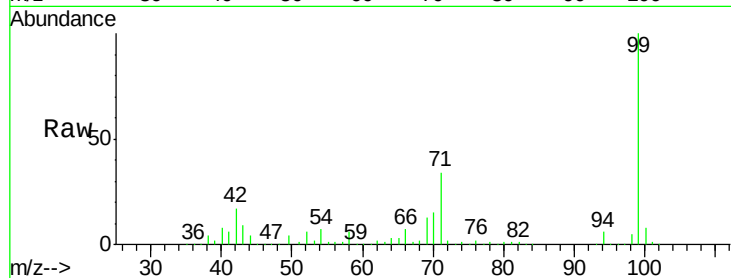
ClientSampleId :

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Tot Ion:	99	Resp:	812756
Ion Ratio	Lower	Upper	
99	100		
42	17.3	17.3	25.9
71	34.1	26.6	40.0

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#8

2-Chlorophenol

Concen: 39.99 ng

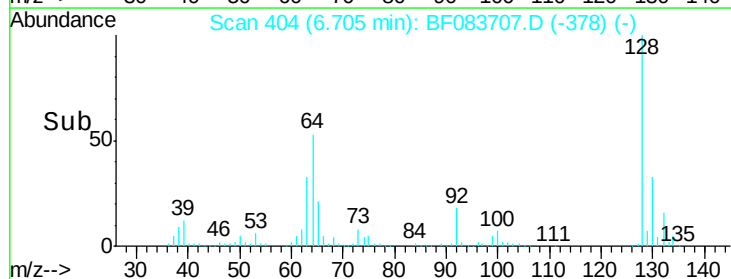
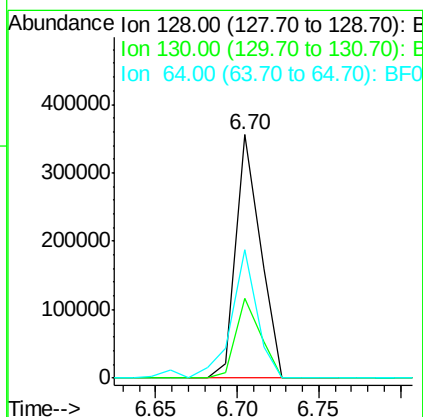
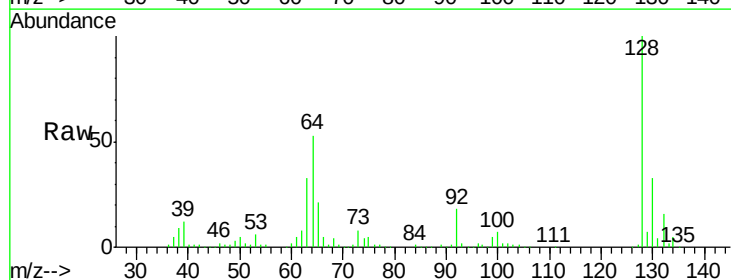
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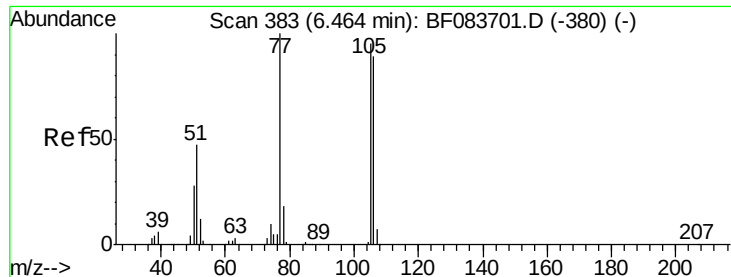
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	128	Resp:	368615
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.6	52.6
64	52.5	38.6	78.6





#9

Benzaldehyde

Concen: 39.85 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

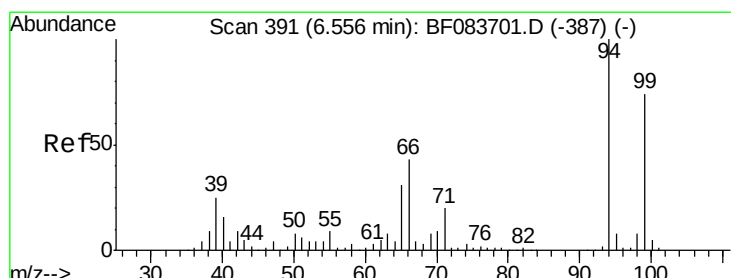
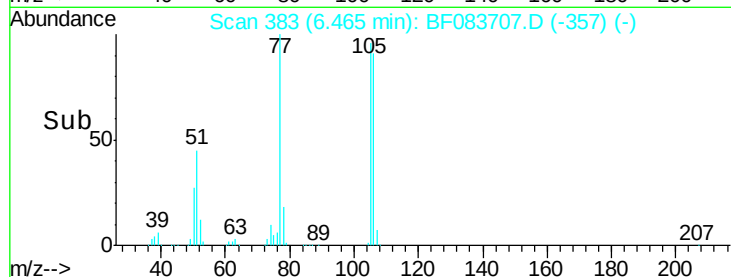
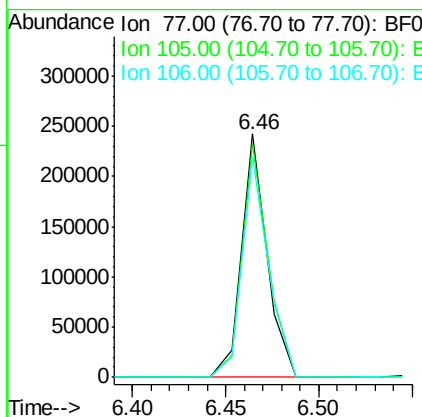
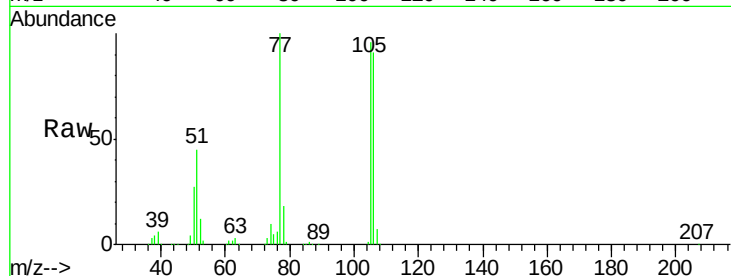
ClientSampleId :

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Tot Ion:	77	Resp:	228637
Ion Ratio	Lower	Upper	
77	100		
105	95.9	71.8	111.8
106	90.6	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 36.26 ng

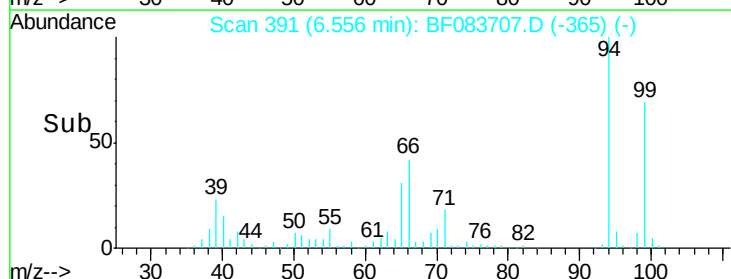
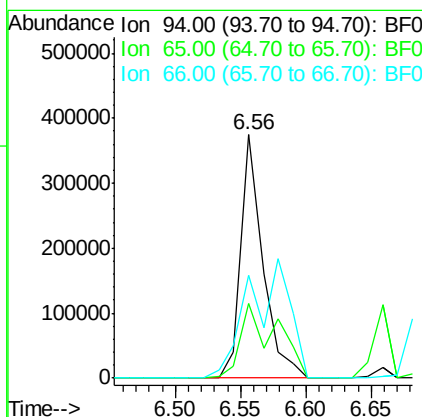
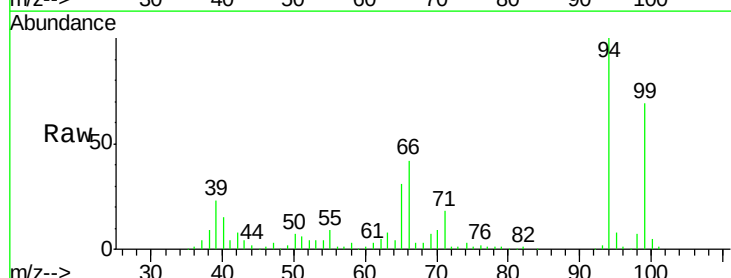
RT: 6.56 min Scan# 391

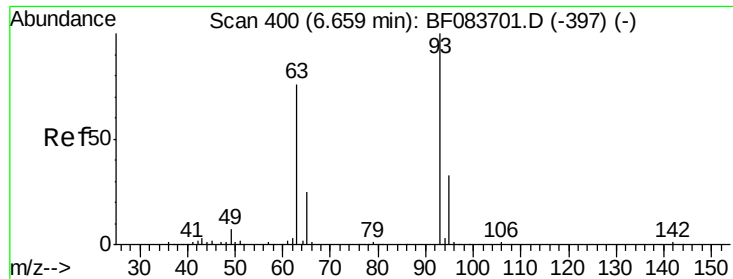
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	94	Resp:	438823
Ion Ratio	Lower	Upper	
94	100		
65	30.9	20.9	60.9
66	42.0	41.6	81.6





#11

bis(2-Chloroethyl)ether

Concen: 42.47 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

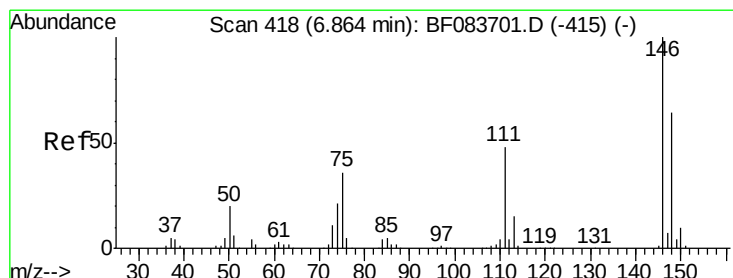
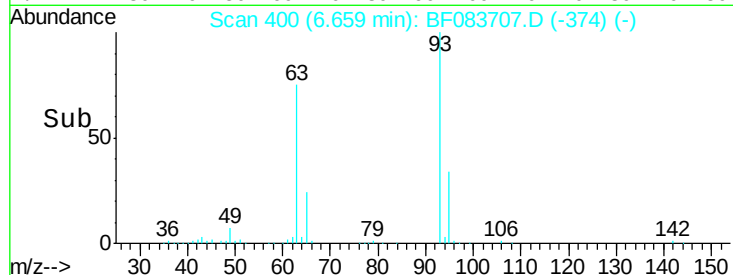
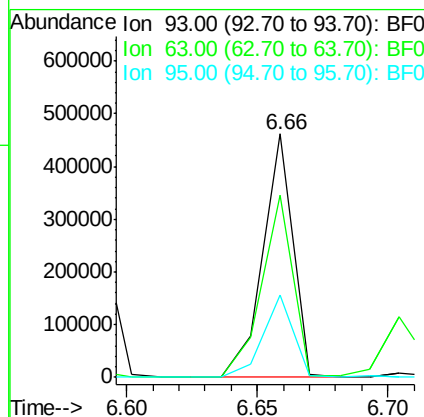
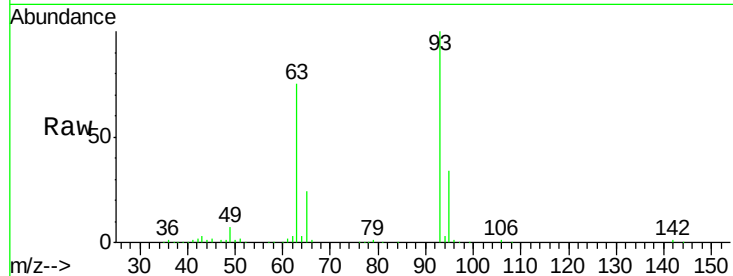
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	375179
Ion Ratio	Lower	Upper	
93	100		
63	75.0	64.7	104.7
95	33.7	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 39.25 ng

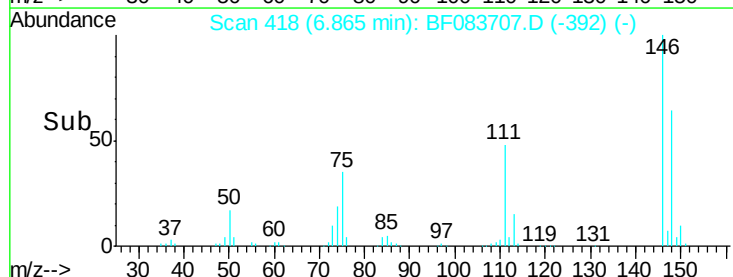
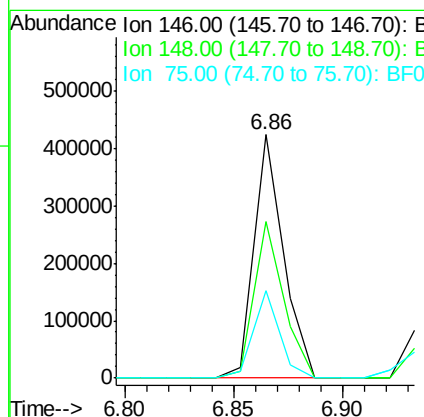
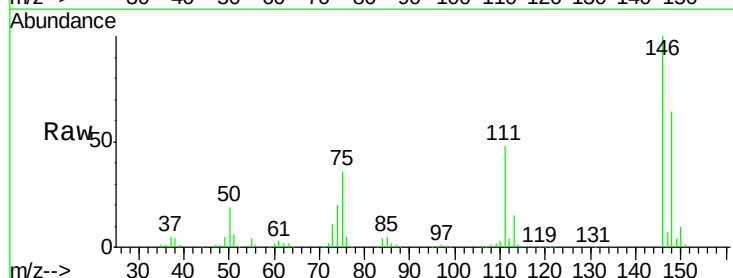
RT: 6.86 min Scan# 418

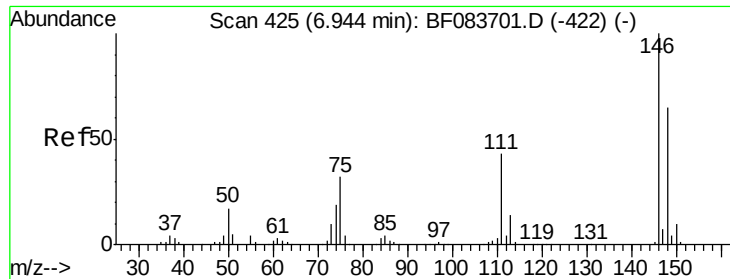
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	146	Resp:	399298
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.3	76.9
75	35.9	24.1	36.1





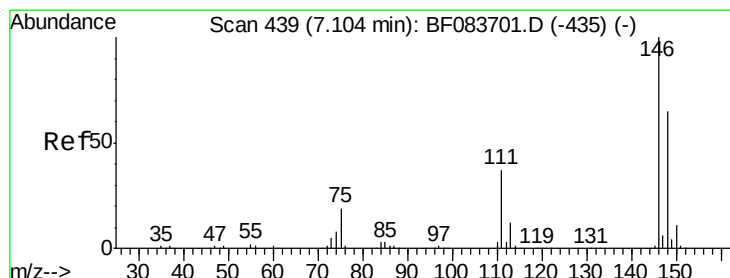
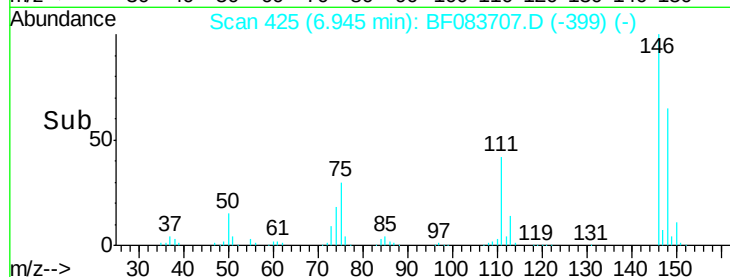
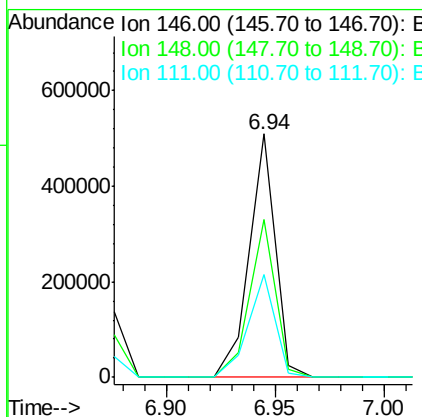
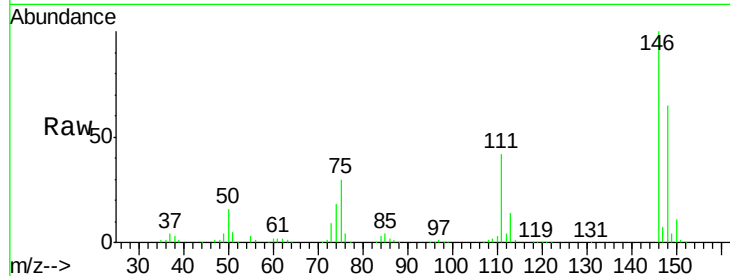
#13
 1,4-Dichlorobenzene
 Concen: 41.30 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	76.0
111	42.5	36.1	54.1

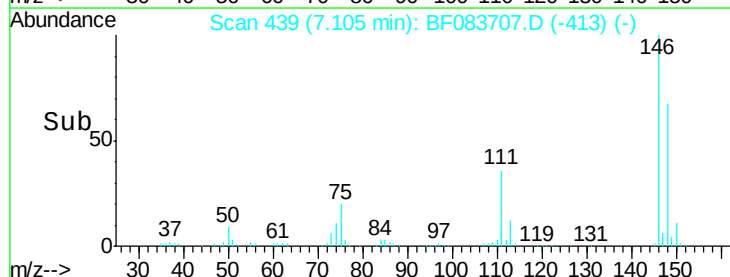
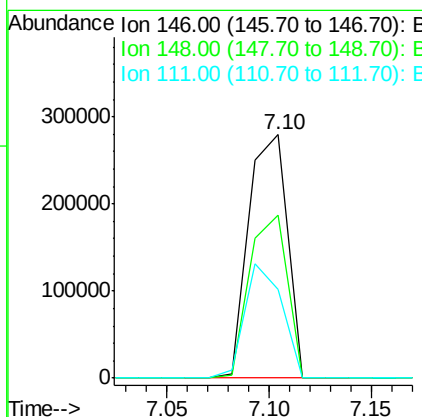
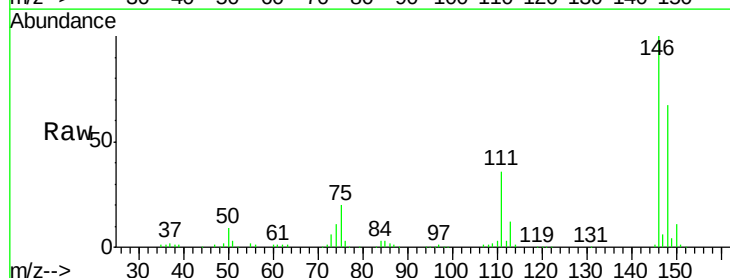
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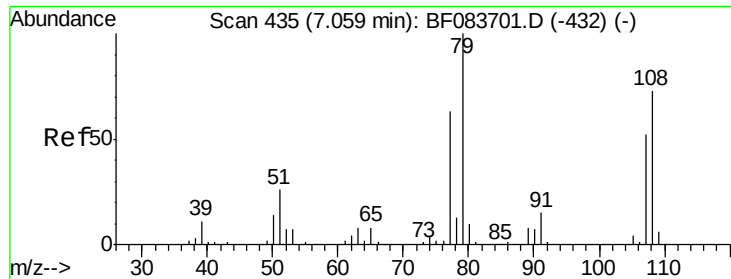
MMdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 38.82 ng m
 RT: 7.10 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.4	77.0
111	36.4	36.7	55.1





#15

Benzyl Alcohol

Concen: 38.08 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

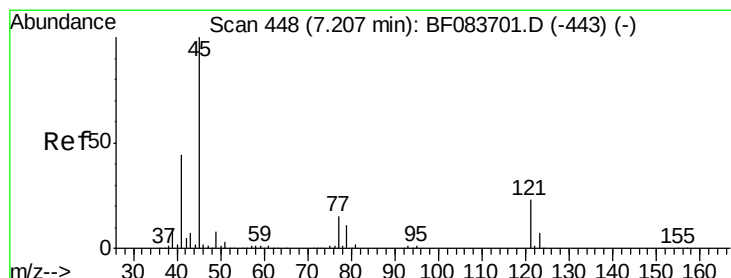
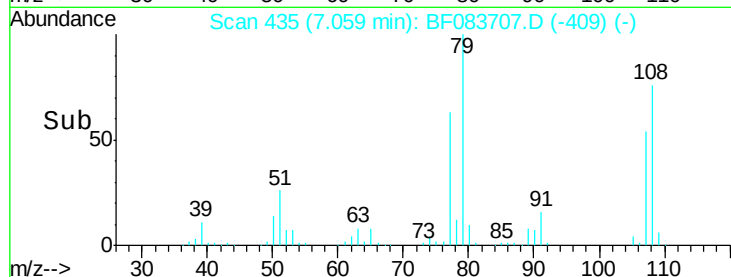
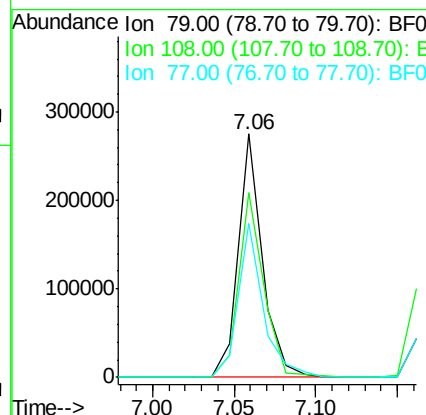
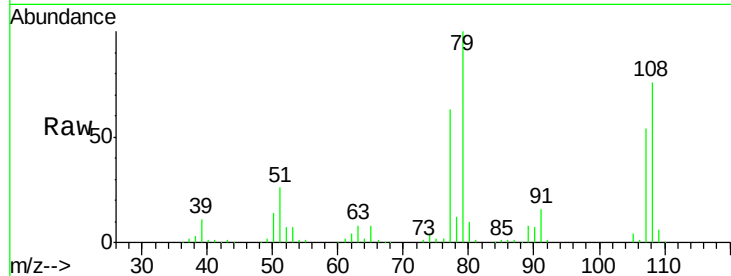
ClientSampleId :

SSTDCCC040

Tot Ion	79	Resp	278650
Ion Ratio	Lower	Upper	
79	100		
108	75.9	59.6	89.4
77	63.3	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.26 ng

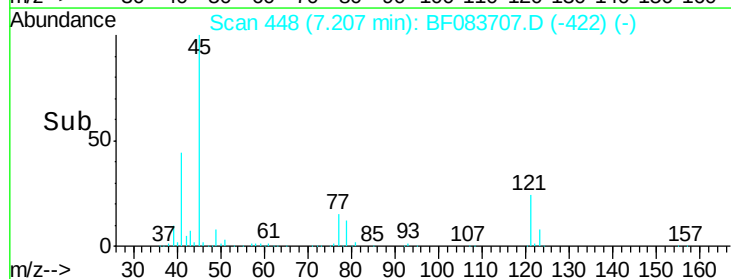
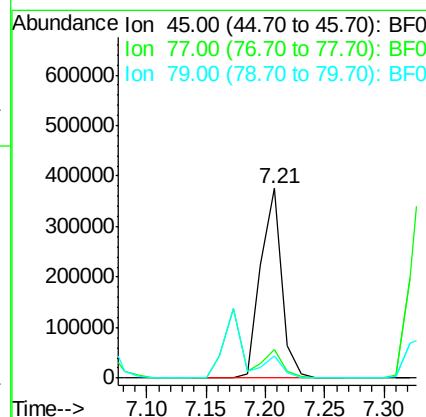
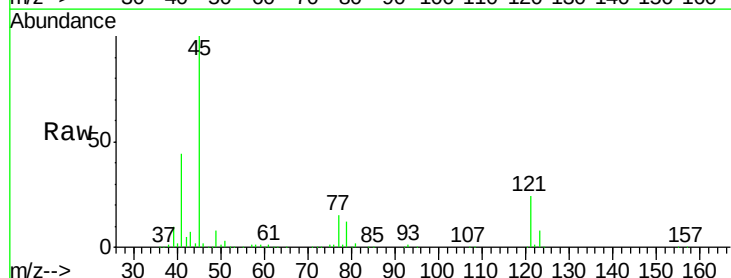
RT: 7.21 min Scan# 448

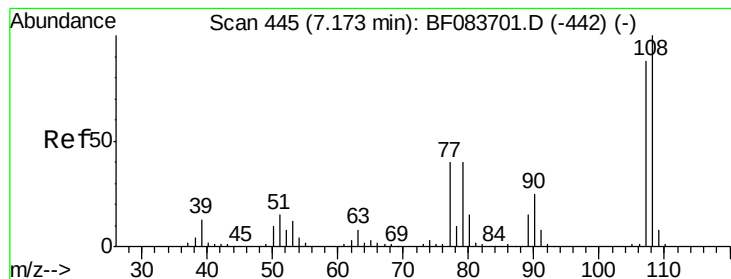
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion	45	Resp	467976
Ion Ratio	Lower	Upper	
45	100		
77	15.2	12.8	52.8
79	12.0	10.7	50.7





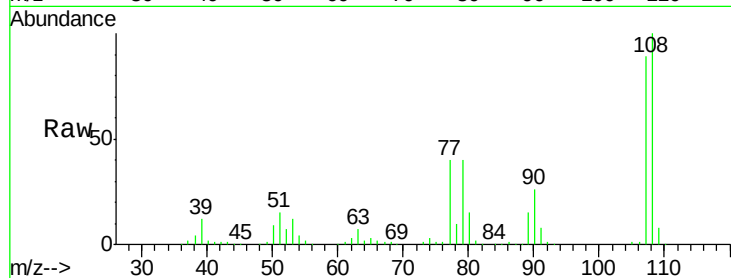
#17
2-Methylphenol
Concen: 40.41 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	91.6	137.4	
77	44.3	53.7	80.5	
79	44.9	50.2	75.4	

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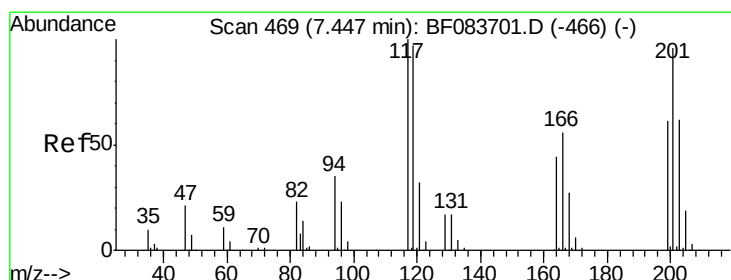
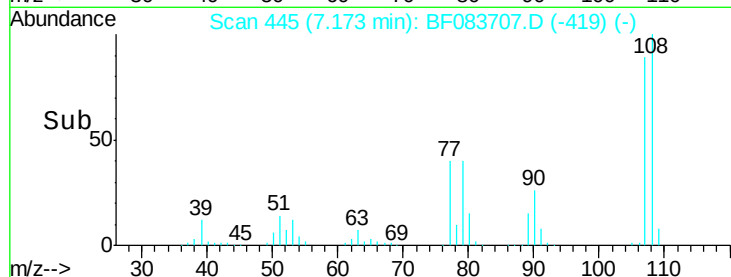
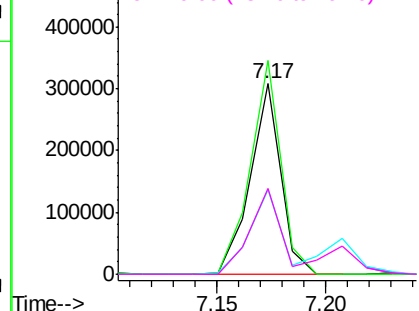
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

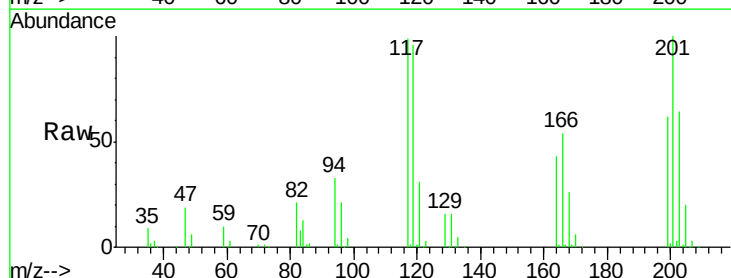
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.15 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	77.2	115.8	
201	101.5	86.8	130.2	

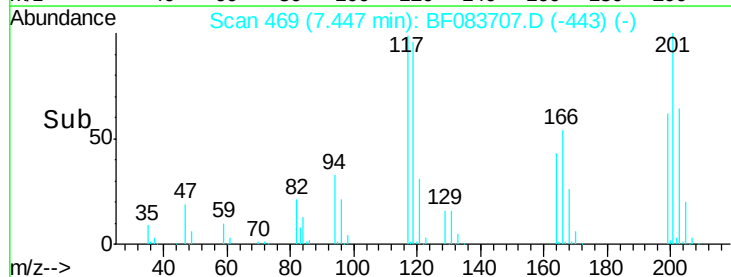
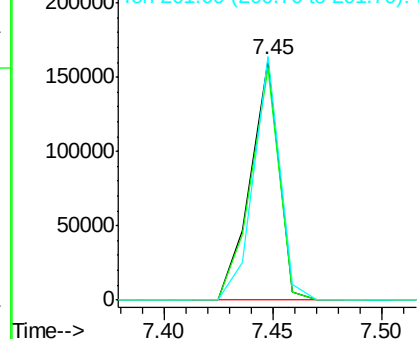


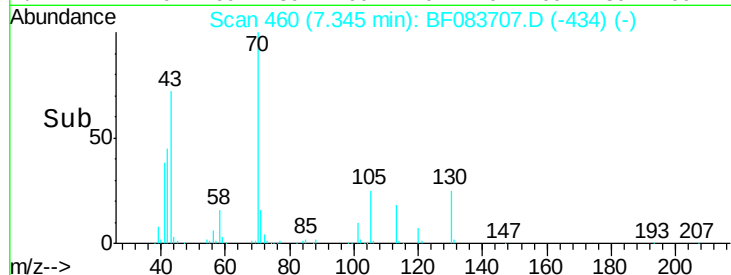
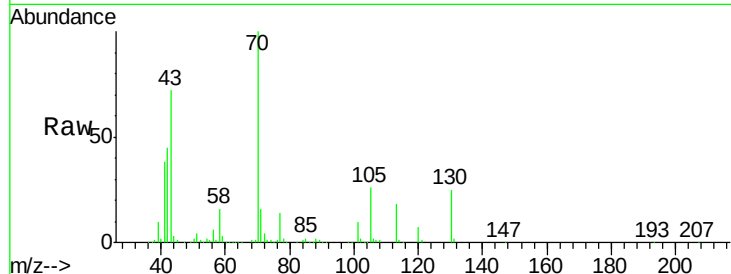
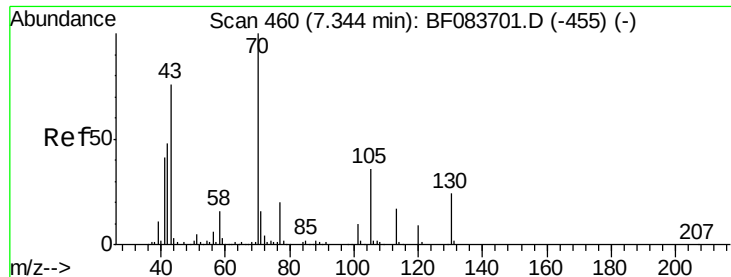
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.83 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

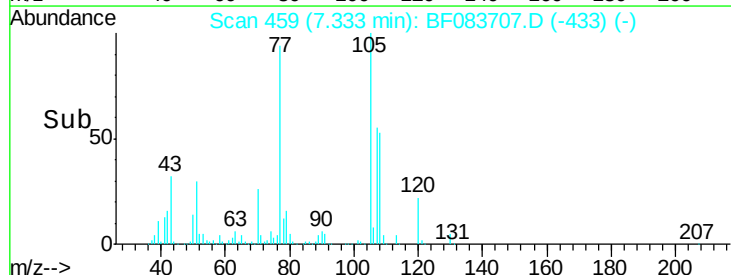
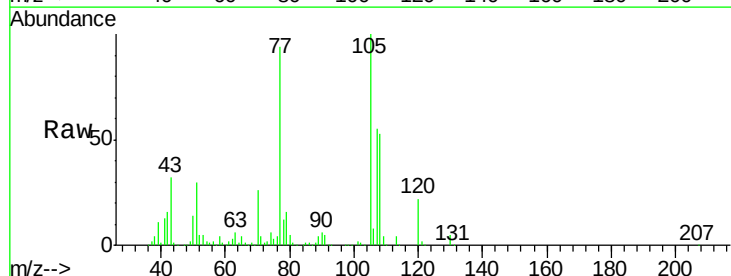
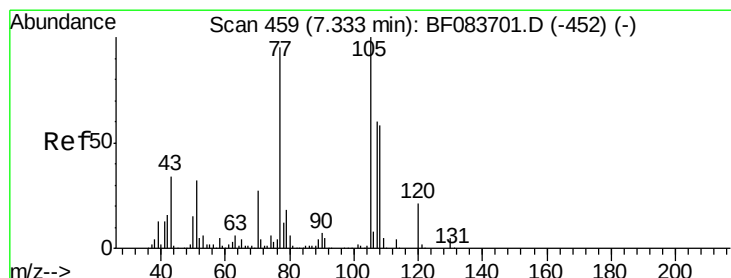
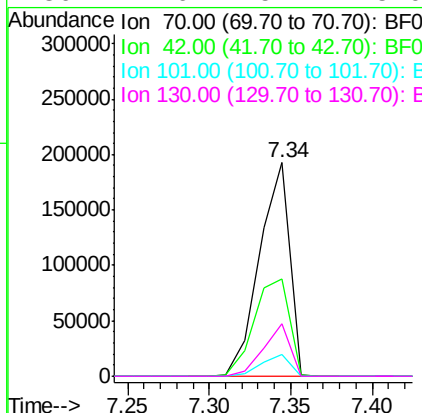
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.4	49.2	73.8#		
101	10.3	7.1	10.7		
130	24.6	15.4	23.0#		

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#20

3+4-Methylphenols

Concen: 41.43 ng

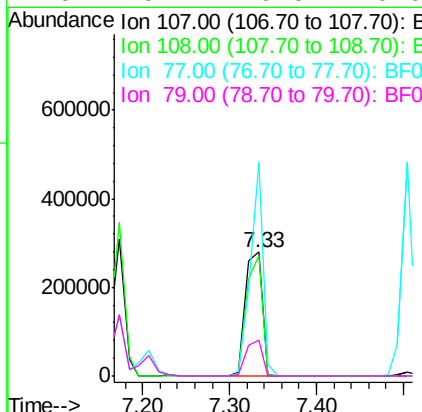
RT: 7.33 min Scan# 459

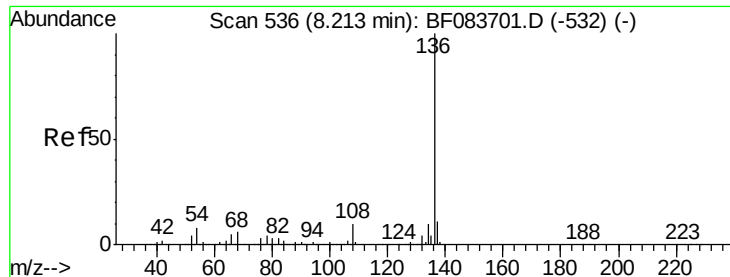
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	96.8	65.2	105.2		
77	172.0	15.2	55.2#		
79	29.2	6.0	46.0		





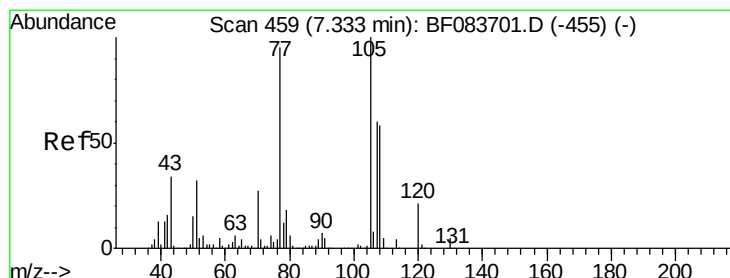
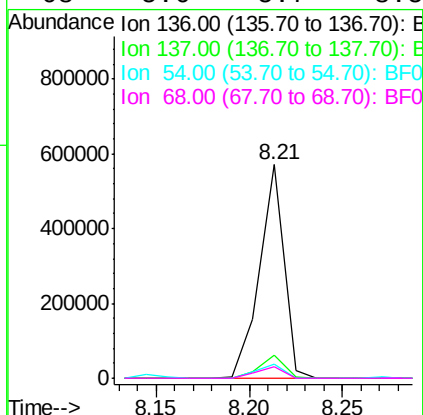
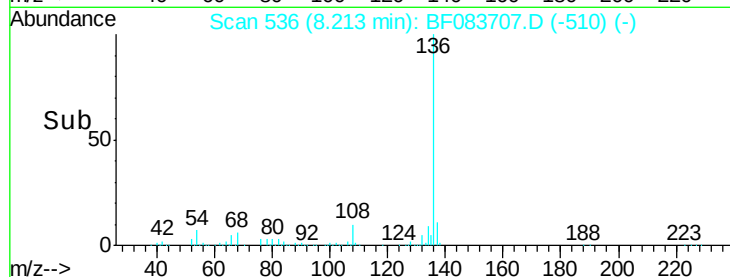
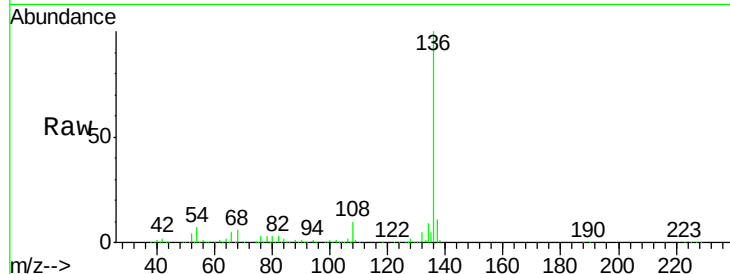
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	7.8	11.6#
68	5.6	5.7	8.5#

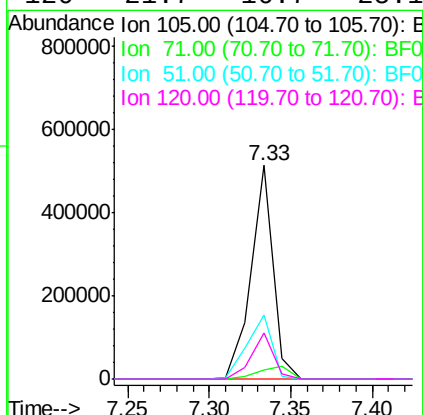
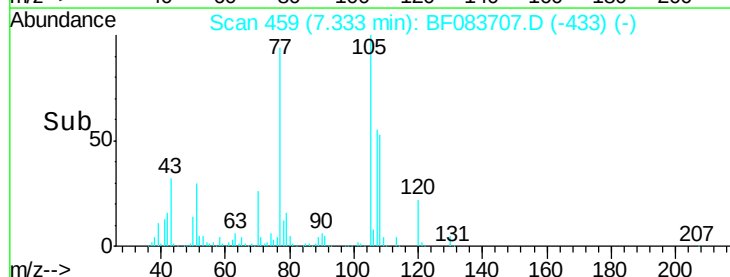
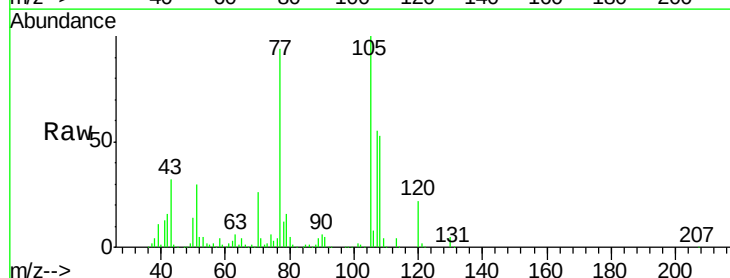
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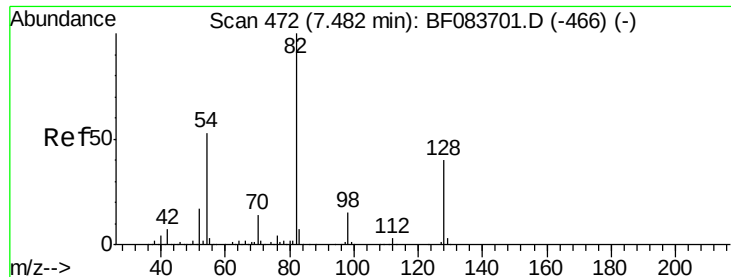
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#22
Acetophenone
Concen: 38.98 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.4	1.3	1.9#
51	30.1	23.8	35.8
120	21.7	16.7	25.1





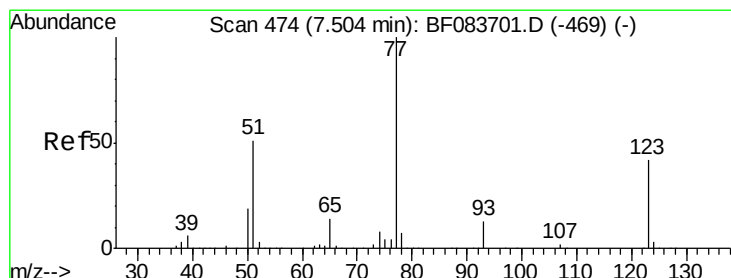
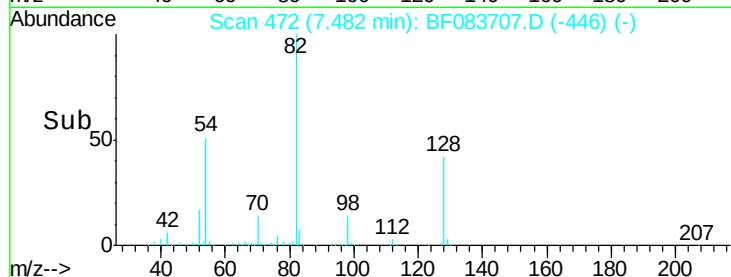
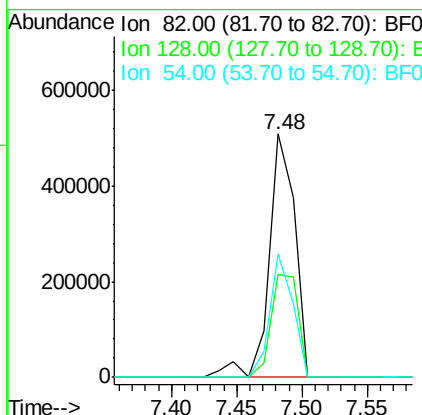
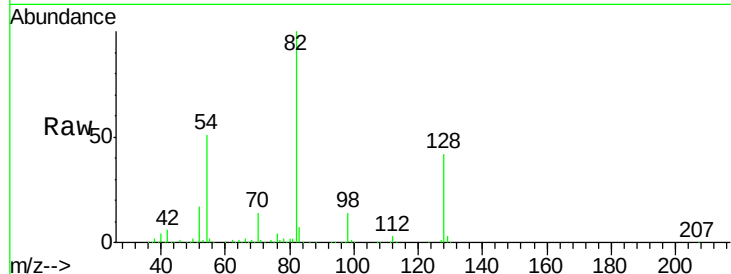
#23
 Nitrobenzene-d5
 Concen: 92.65 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	30.7	46.1
54	50.9	42.5	63.7

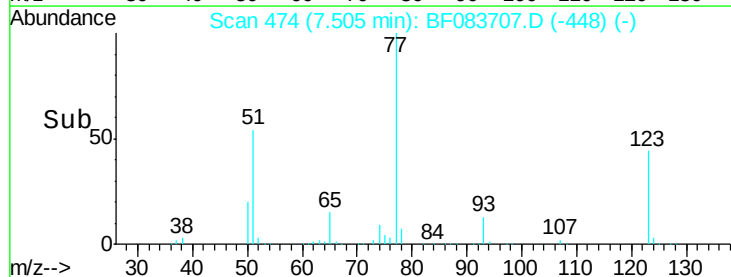
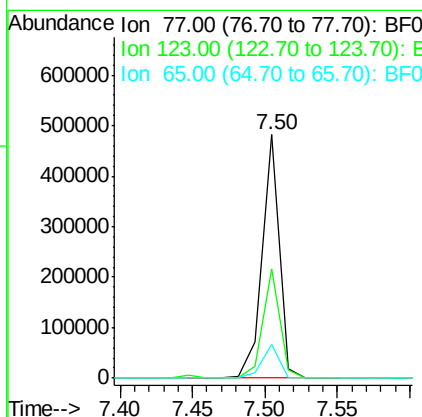
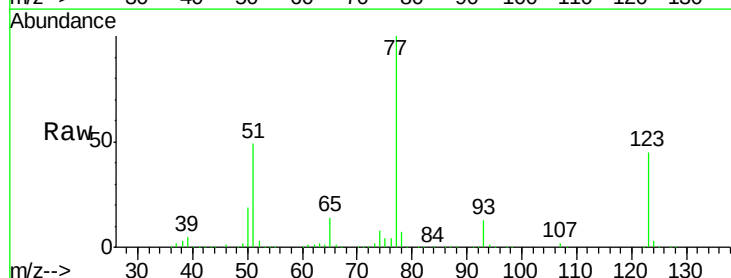
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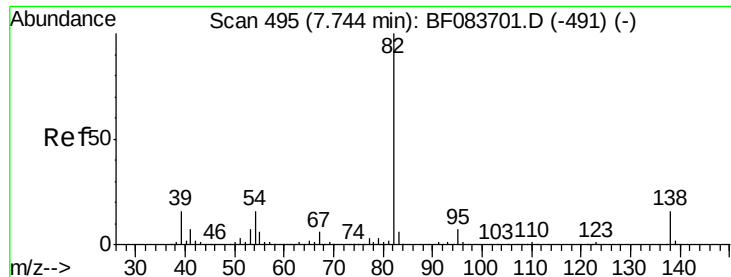
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#24
 Nitrobenzene
 Concen: 46.26 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	29.8	44.6#
65	13.6	11.1	16.7





#25

Isophorone

Concen: 39.21 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

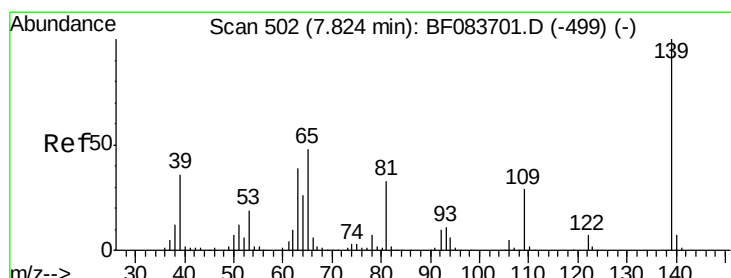
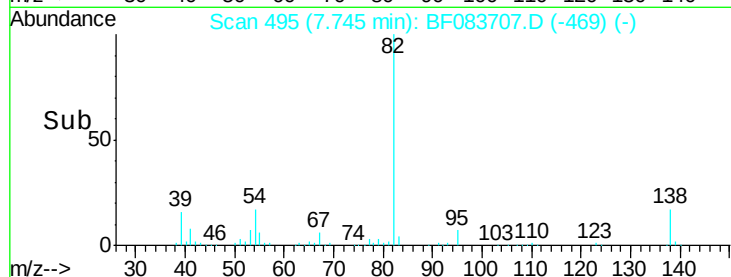
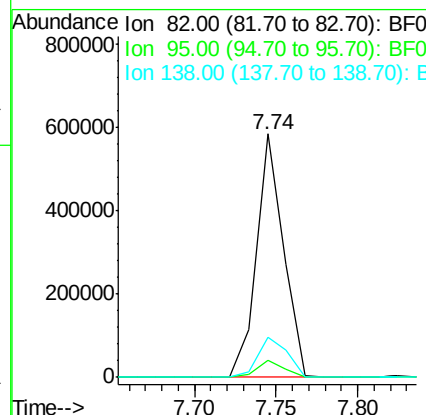
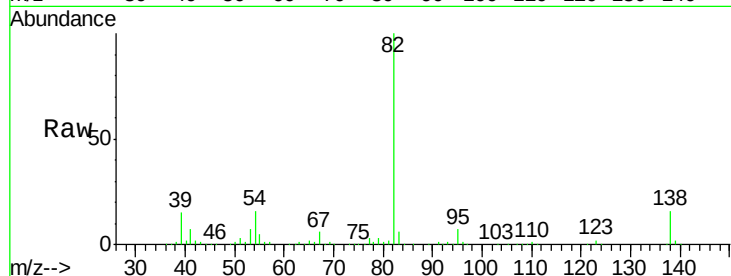
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	668058
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.0	7.4
138	16.3	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.45 ng

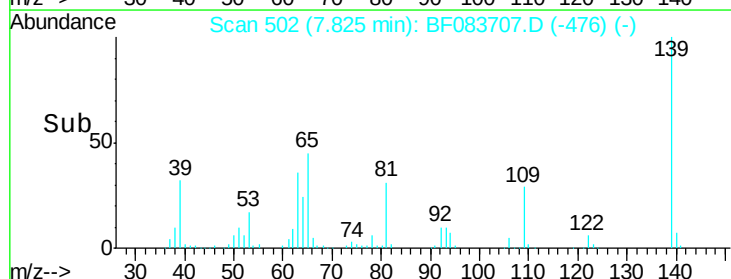
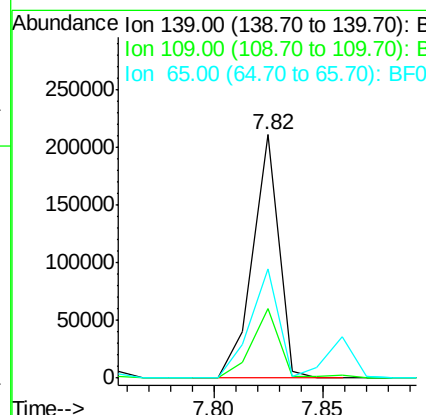
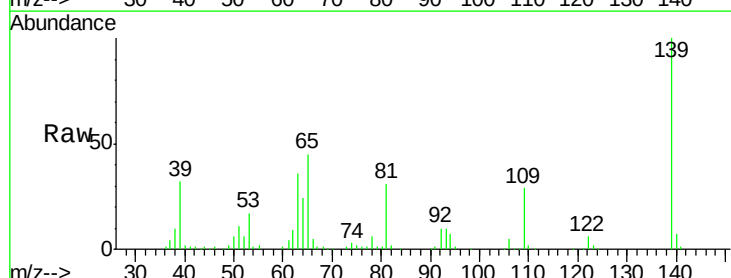
RT: 7.82 min Scan# 502

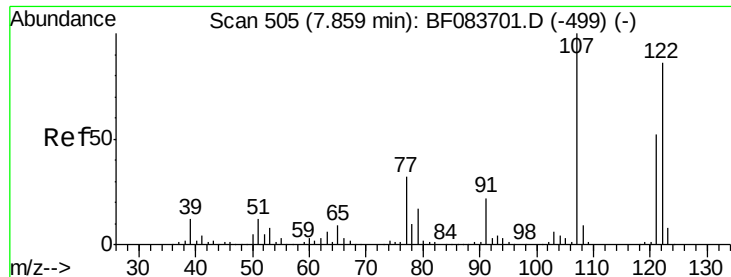
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	139	Resp:	177215
Ion Ratio		Lower	Upper
139	100		
109	28.5	22.7	34.1
65	44.9	51.8	77.8





#27

2,4-Dimethylphenol

Concen: 39.56 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

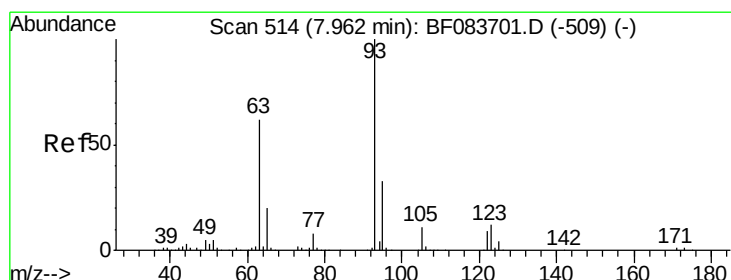
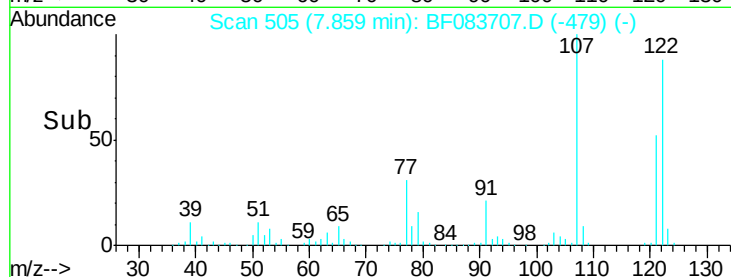
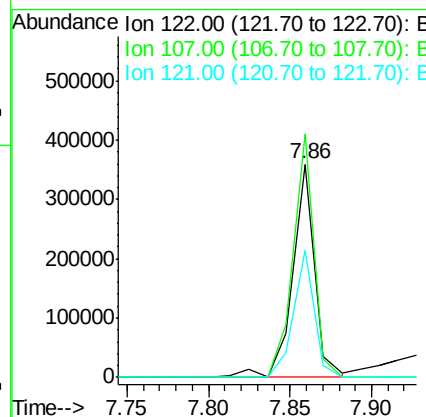
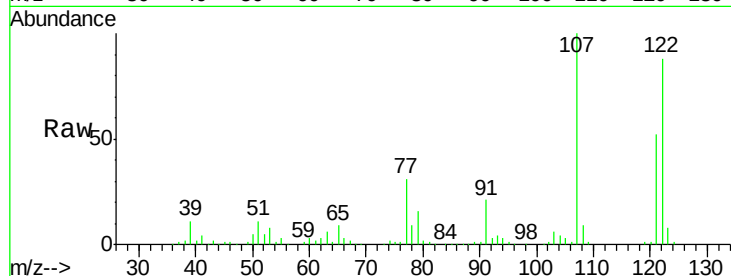
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	337940
Ion Ratio	Lower	Upper	
122	100		
107	114.3	92.4	138.6
121	59.5	45.8	68.6

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#28

bis(2-Chloroethoxy)methane

Concen: 42.23 ng

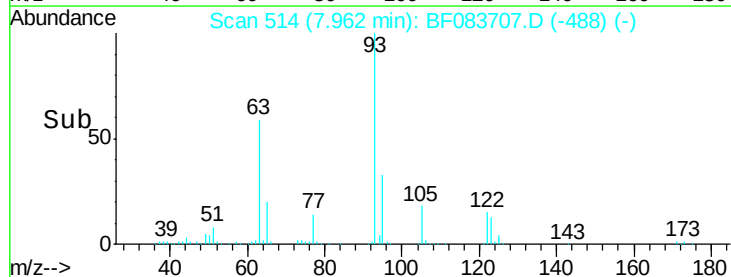
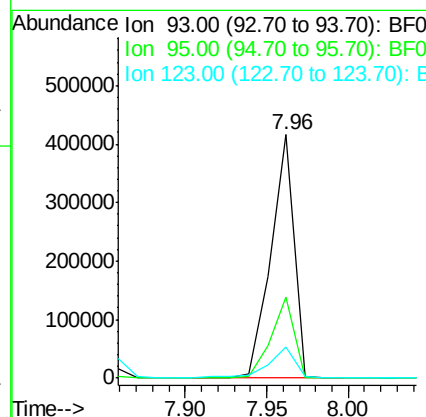
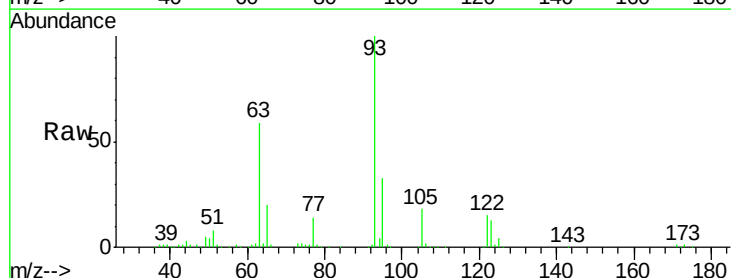
RT: 7.96 min Scan# 514

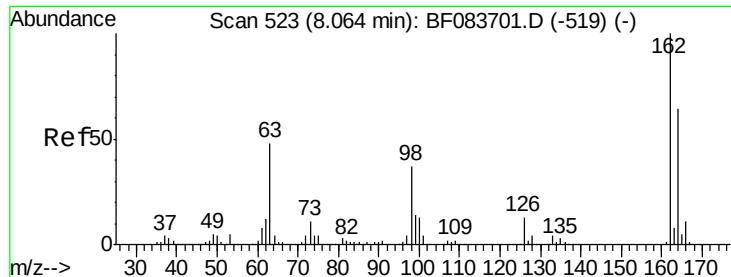
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	93	Resp:	411441
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.6	38.4
123	13.0	7.3	10.9#





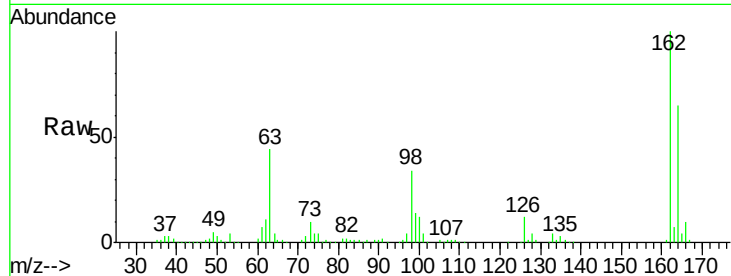
#29
 2,4-Dichlorophenol
 Concen: 44.25 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

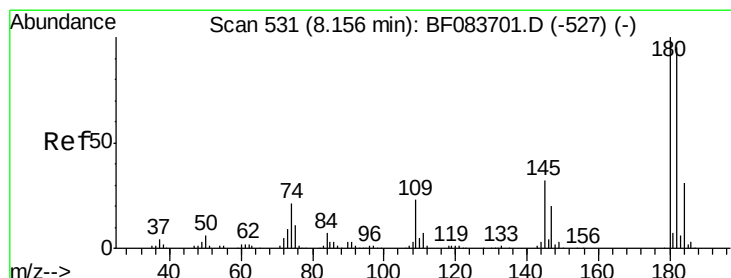
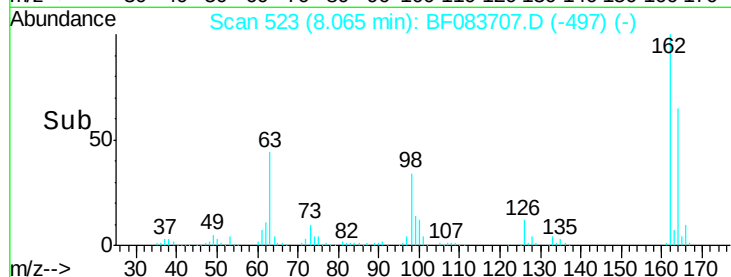
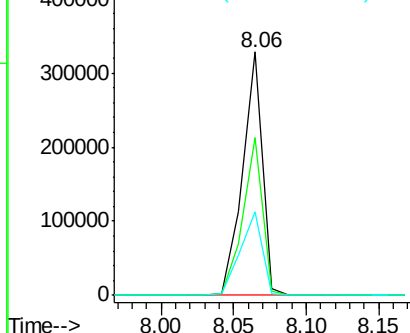
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	43.4	83.4
98	34.1	17.5	57.5

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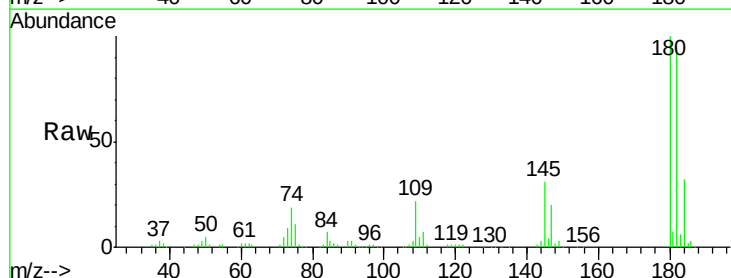


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

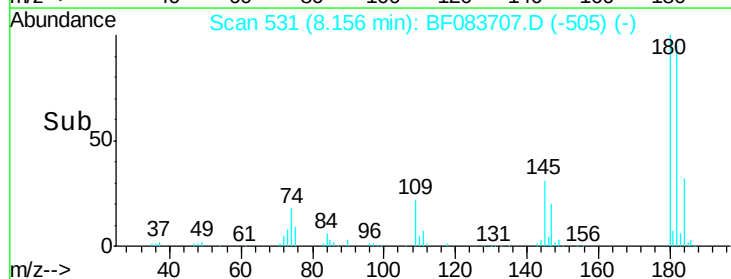
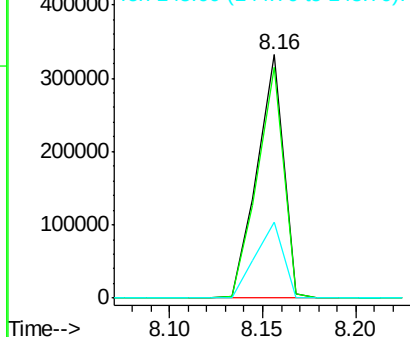


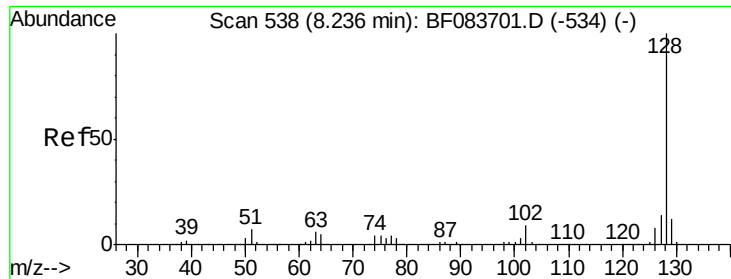
#30
 1,2,4-Trichlorobenzene
 Concen: 41.68 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	74.9	112.3
145	31.1	24.7	37.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





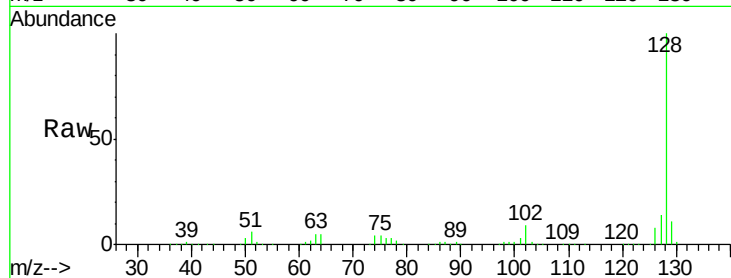
#31
Naphthalene
Concen: 42.23 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	14.0	10.6	16.0

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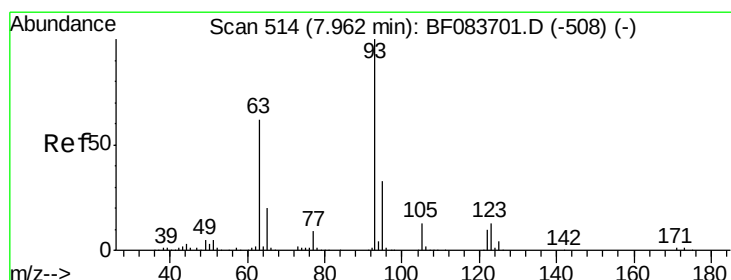
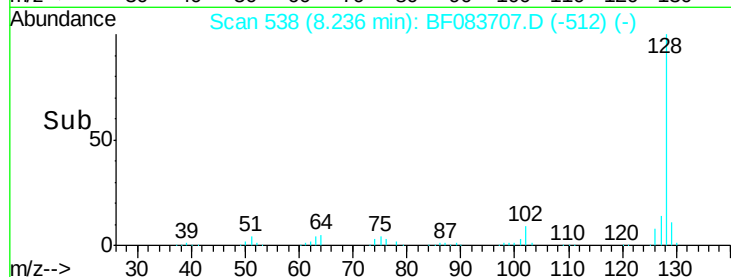
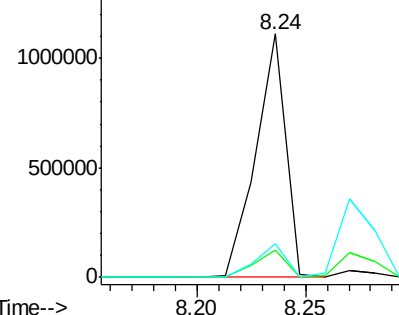


Abundance

Ion 128.00 (127.70 to 128.70): E

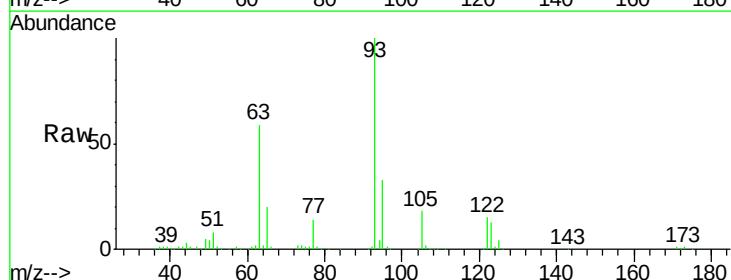
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 46.42 ng m
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.2	105.6	145.6
77	96.9	86.8	126.8

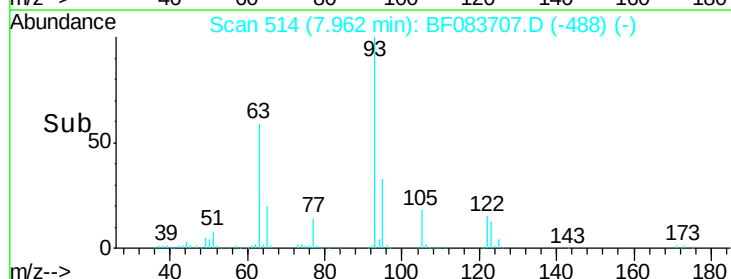
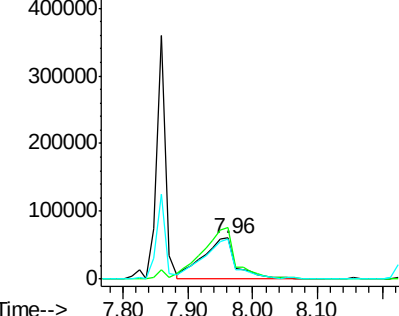


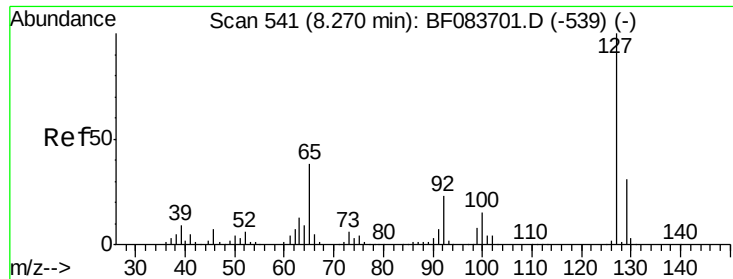
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





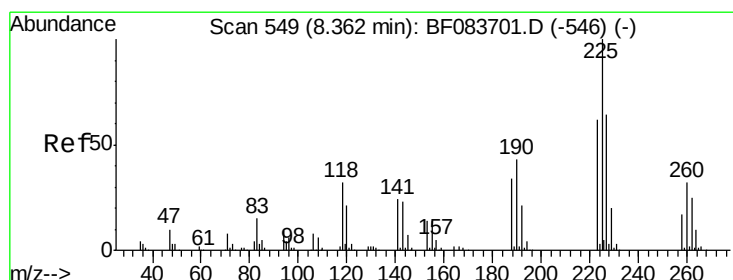
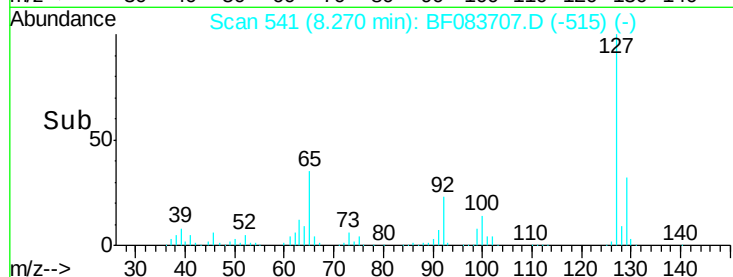
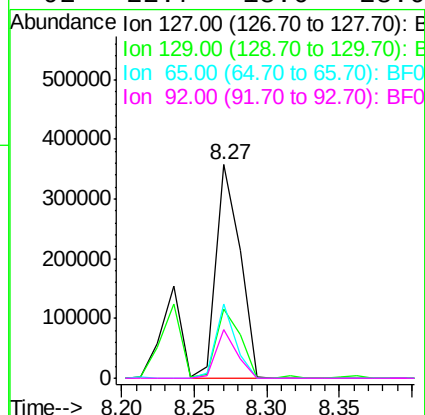
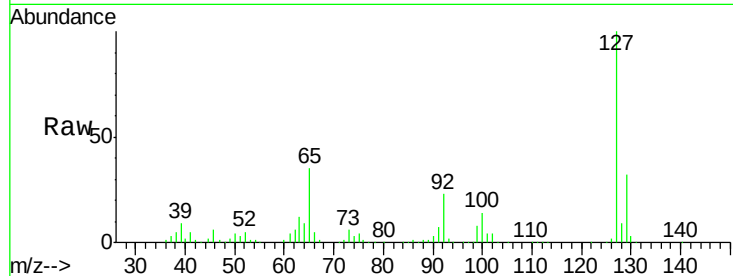
#33
4-Chloroaniline
Concen: 38.44 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.1	39.1		
65	35.1	33.5	50.3		
92	22.7	18.6	28.0		

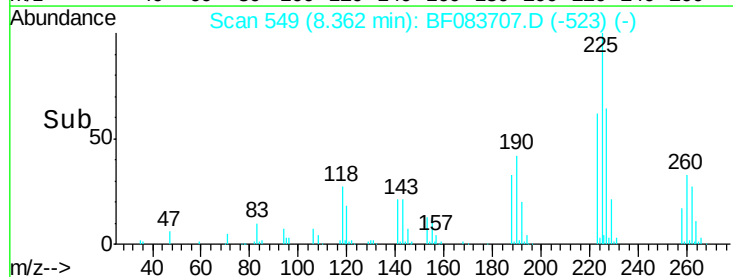
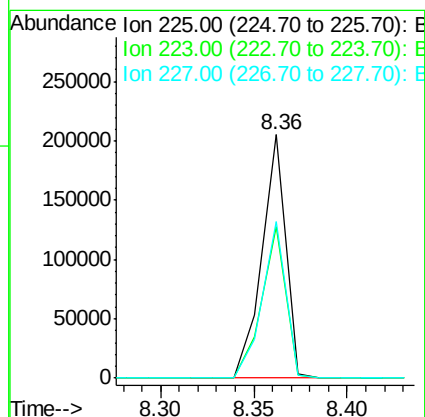
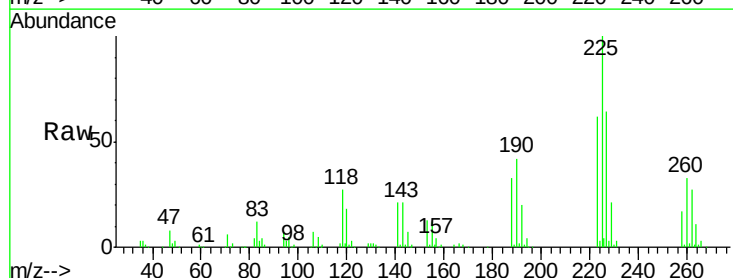
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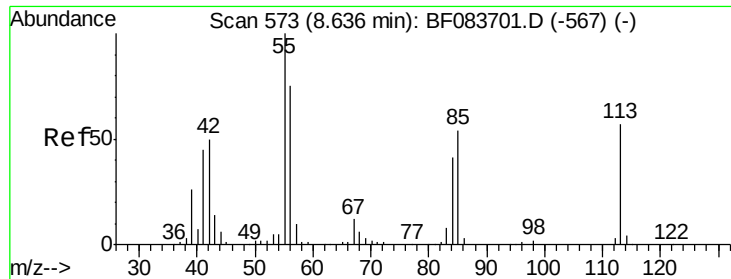
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#34
Hexachlorobutadiene
Concen: 41.43 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	52.3	78.5		
227	64.3	50.4	75.6		





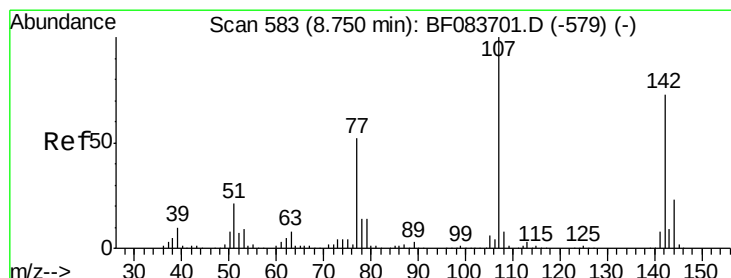
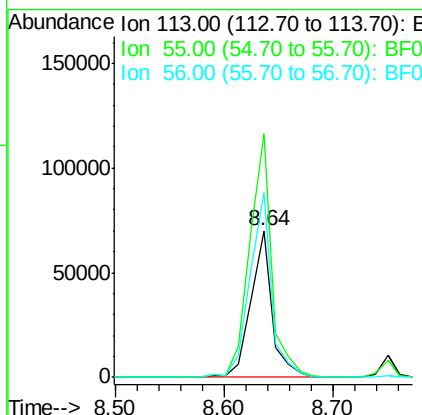
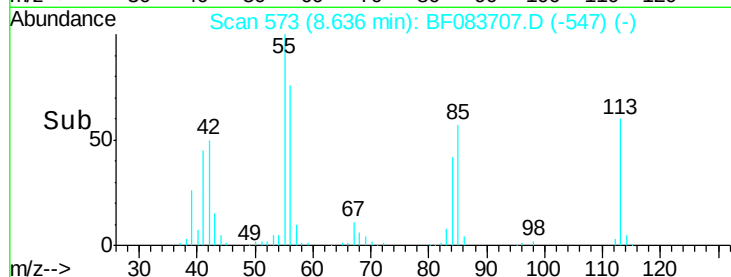
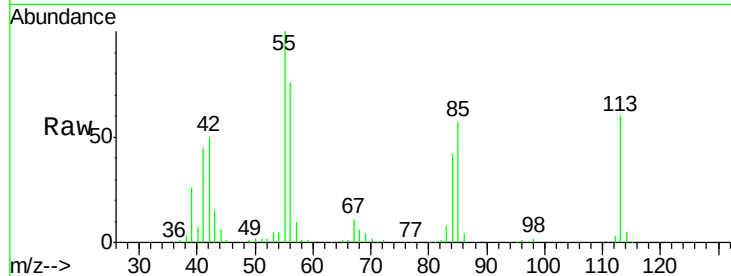
#35
 Caprolactam
 Concen: 41.62 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		94511		
55	165.8		189.7	229.7#	
56	125.4		130.7	170.7#	

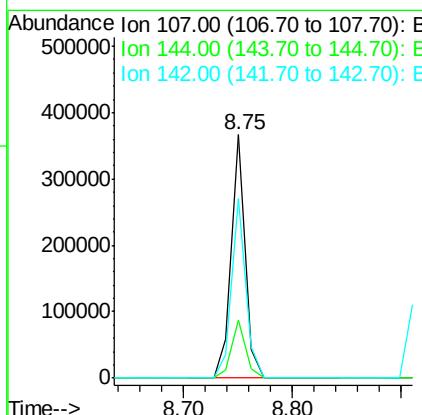
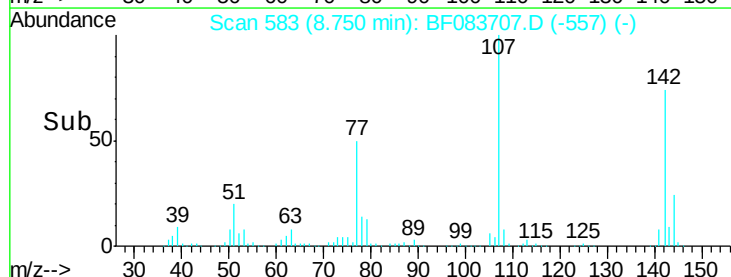
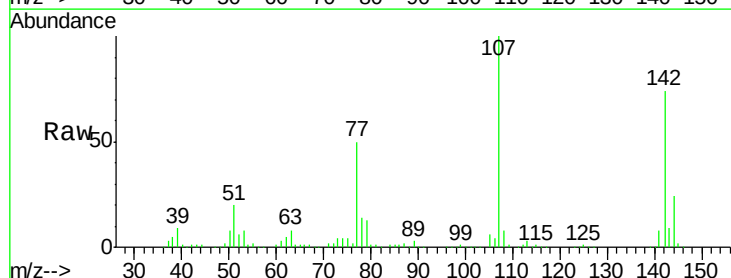
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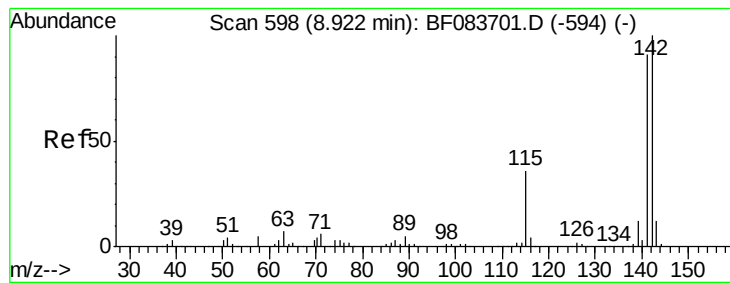
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#36
 4-Chloro-3-methylphenol
 Concen: 41.86 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		323723		
144	23.9		17.5	26.3	
142	73.9		53.6	80.4	





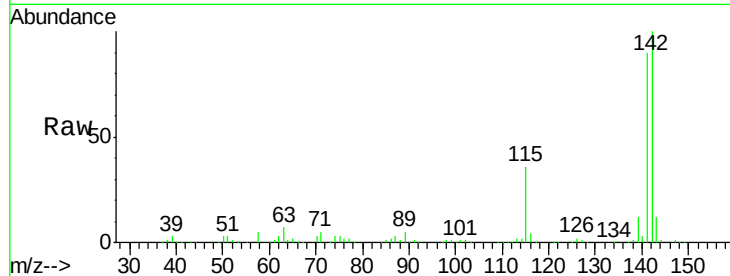
#37
2-Methylnaphthalene
Concen: 39.88 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

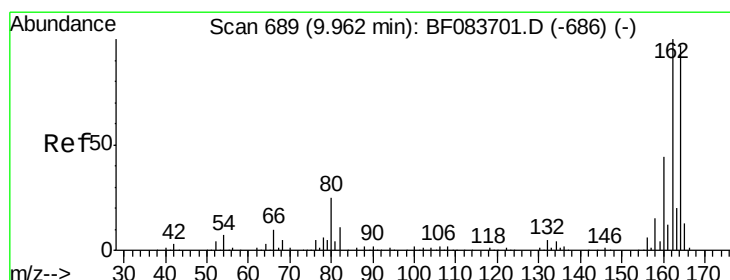
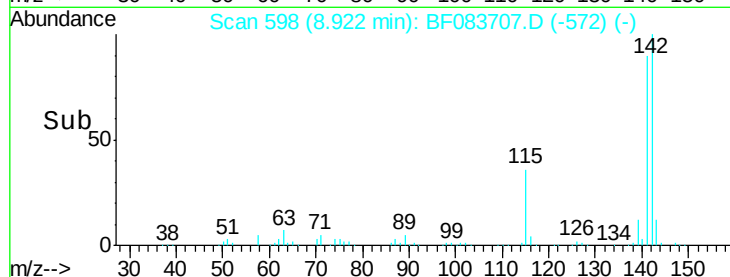
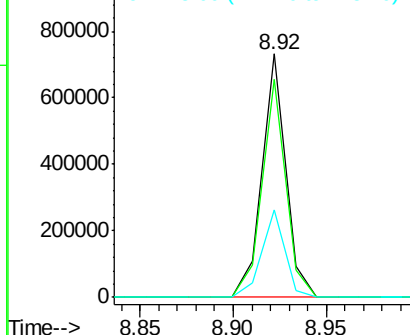
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.3	105.5
115	35.8	29.2	43.8

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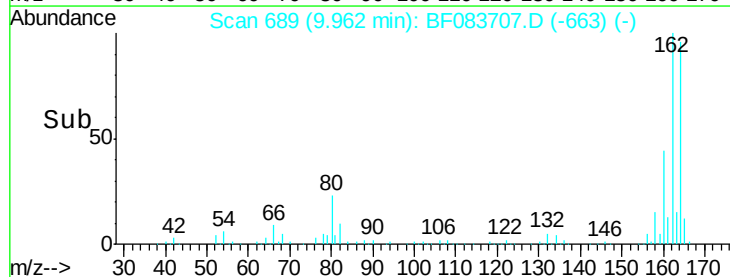
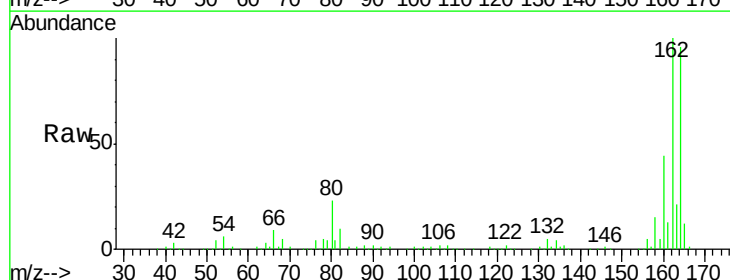
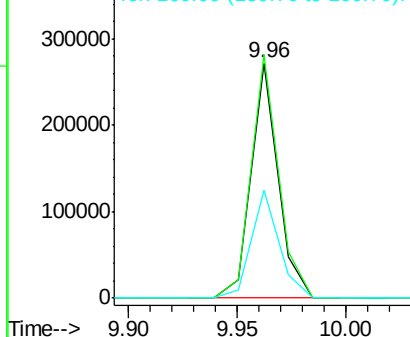
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

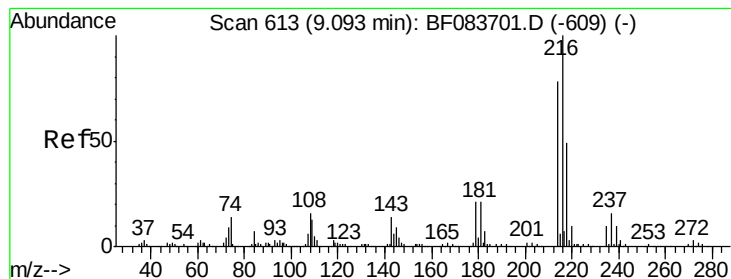


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	45.8	33.4	50.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.39 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

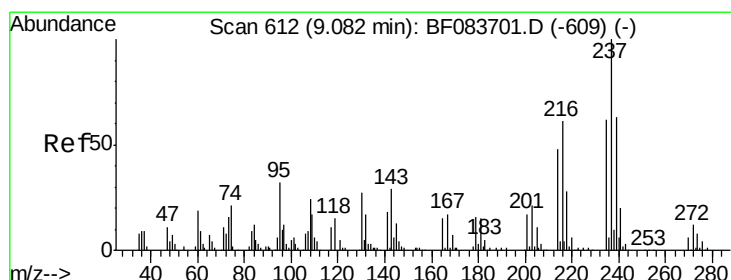
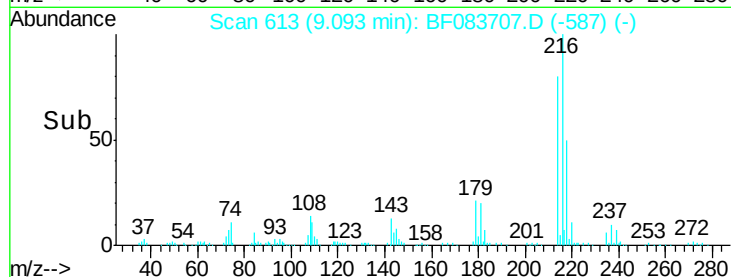
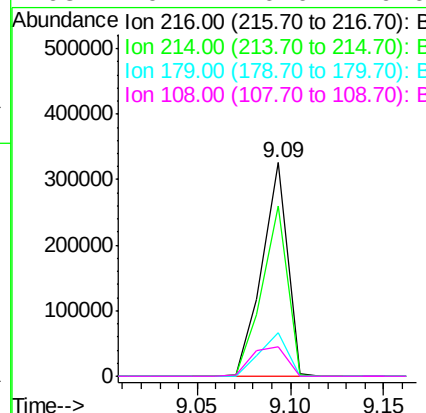
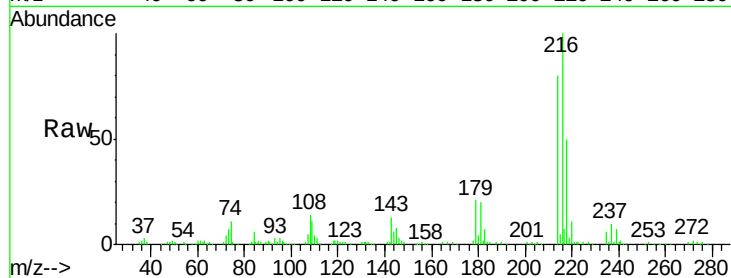
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.1		0.0	0.0	0.0
179	22.2		0.0	0.0	0.0
108	19.4		0.0	0.0	0.0

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#40

Hexachlorocyclopentadiene

Concen: 43.14 ng

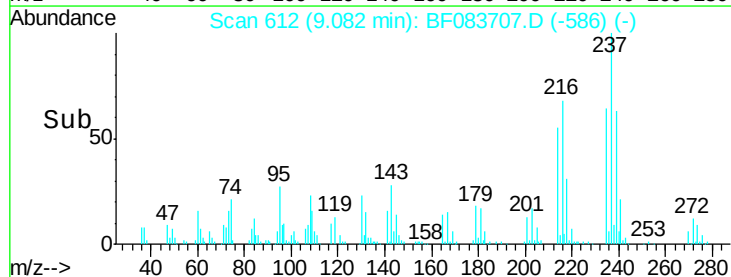
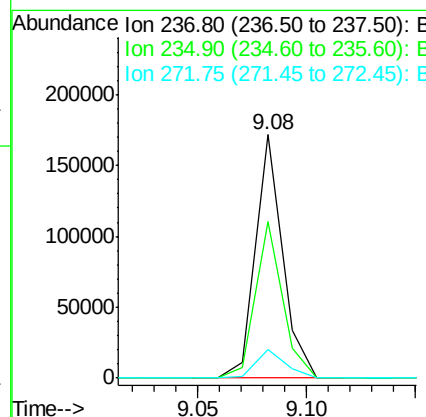
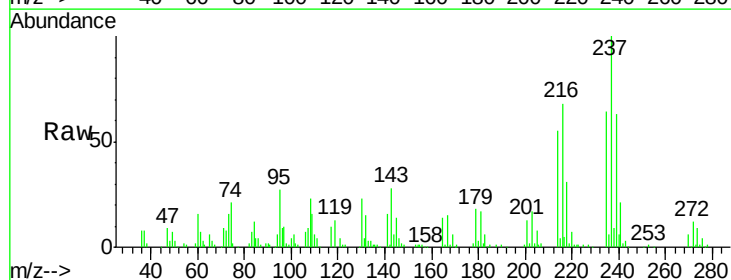
RT: 9.08 min Scan# 612

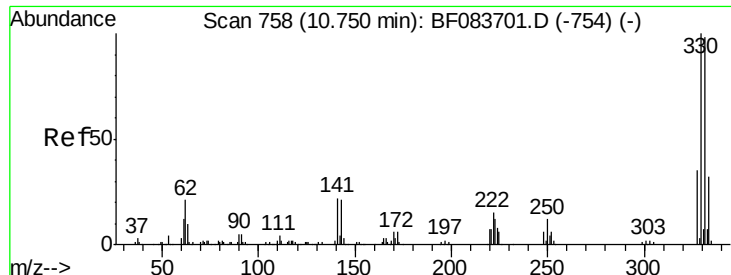
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.5		43.9	83.9	
272	12.0		0.0	31.8	





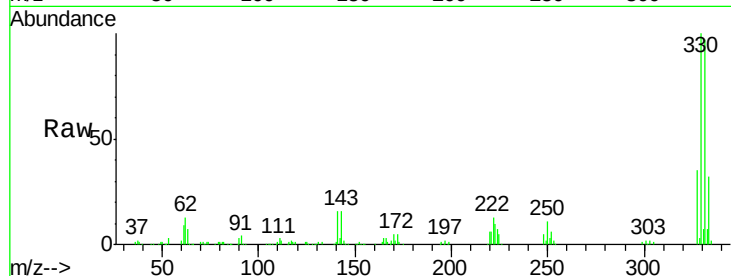
#41
 2,4,6-Tribromophenol
 Concen: 96.53 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

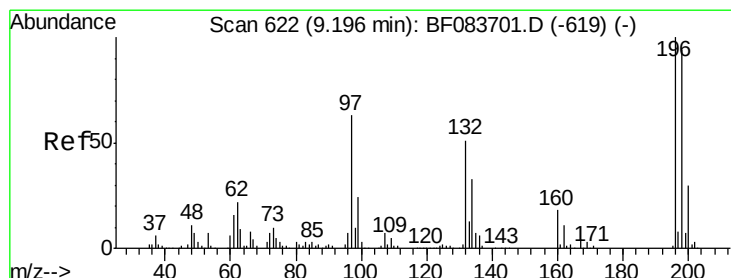
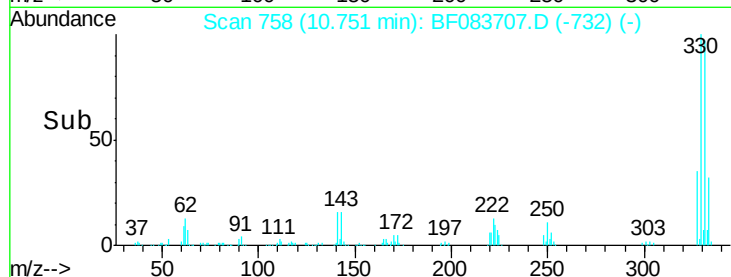
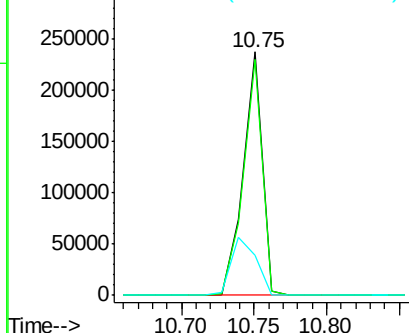
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	31.1	0.0	0.0#

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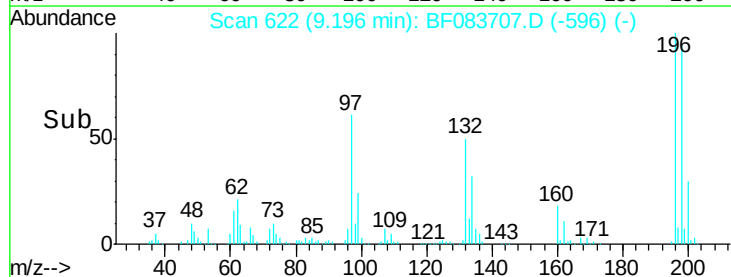
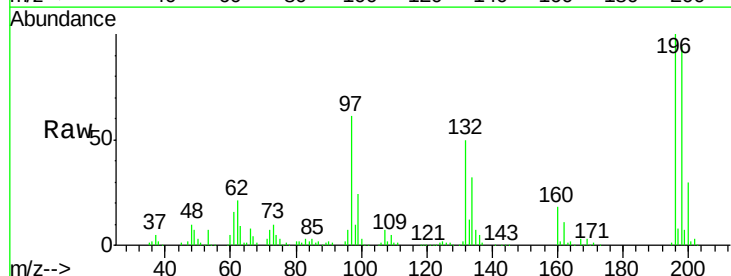
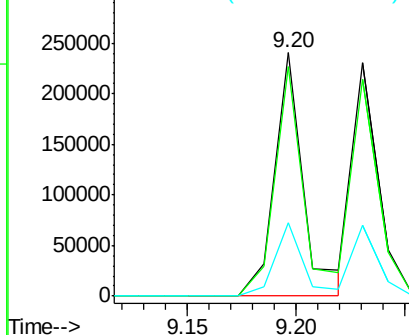
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

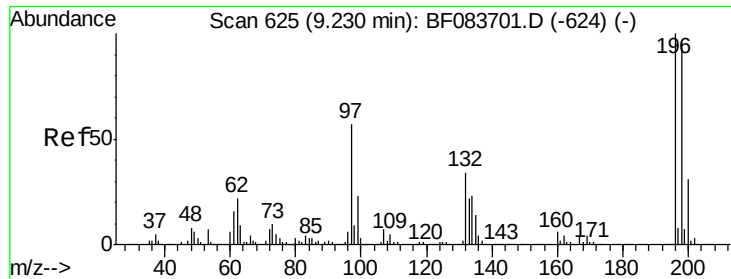


#42
 2,4,6-Trichlorophenol
 Concen: 44.71 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.2	75.2	112.8
200	30.4	23.0	34.6

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





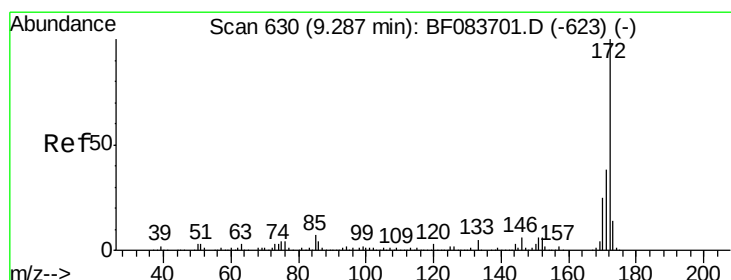
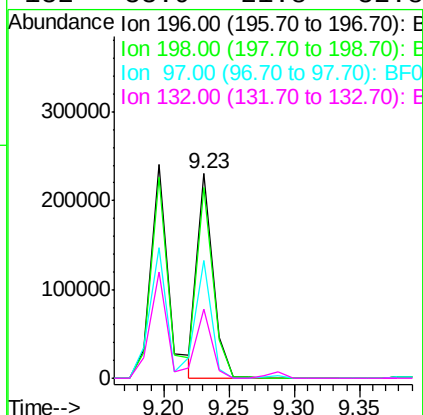
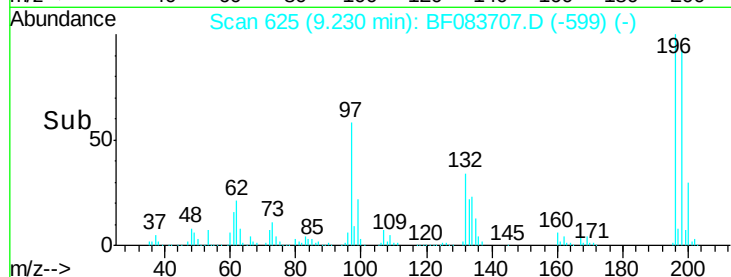
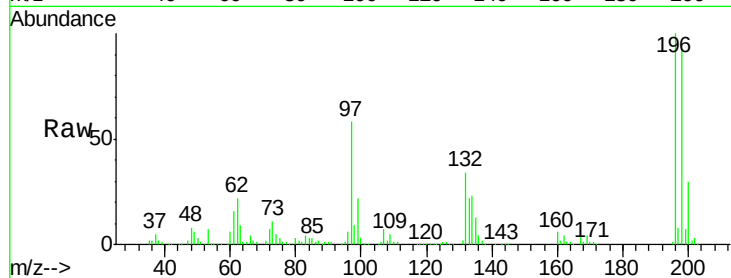
#43
 2,4,5-Trichlorophenol
 Concen: 39.89 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	191969
Ion Ratio	Lower	Upper	
196	100		
198	93.2	77.7	116.5
97	57.9	41.2	61.8
132	33.9	21.8	32.8#

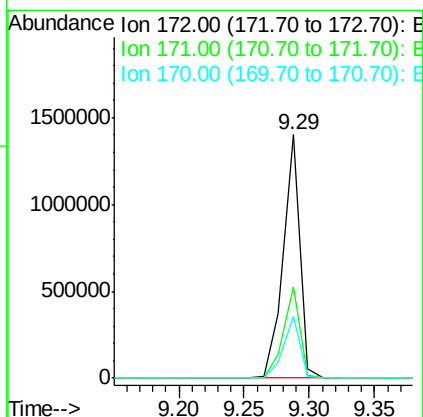
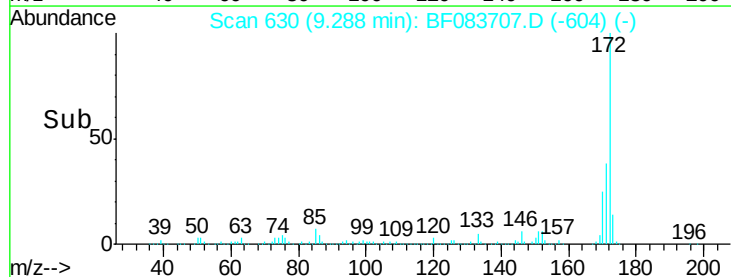
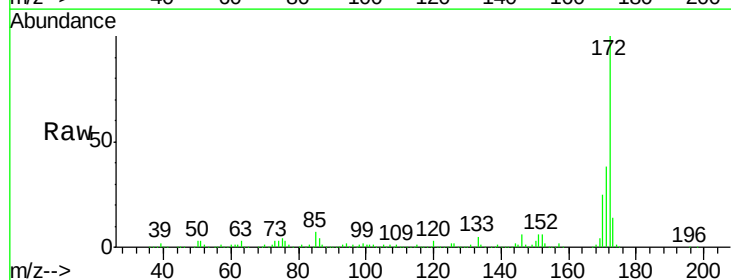
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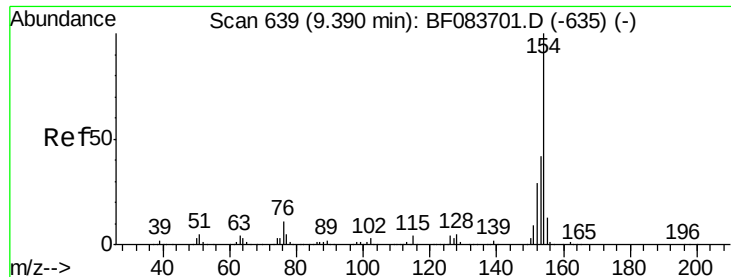
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#44
 2-Fluorobiphenyl
 Concen: 79.62 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion:	172	Resp:	1260998
Ion Ratio	Lower	Upper	
172	100		
171	37.6	28.6	42.8
170	25.2	19.4	29.0





#45

1,1'-Biphenyl

Concen: 41.82 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

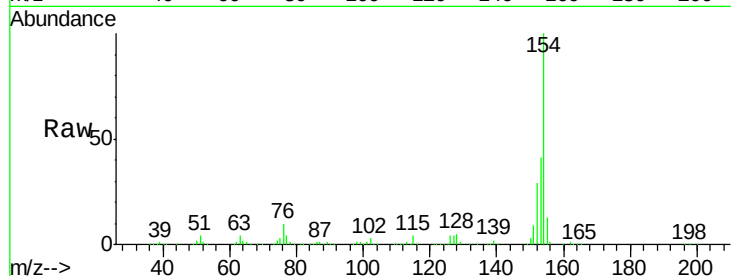
ClientSampleId :

SSTDCCC040

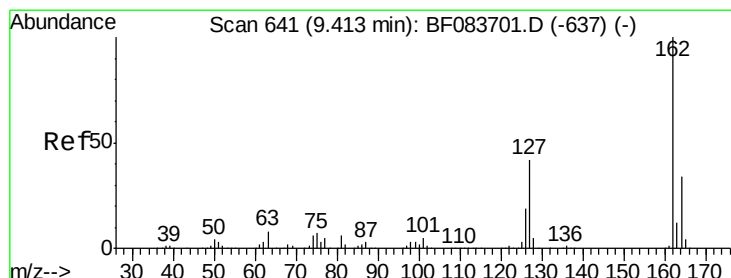
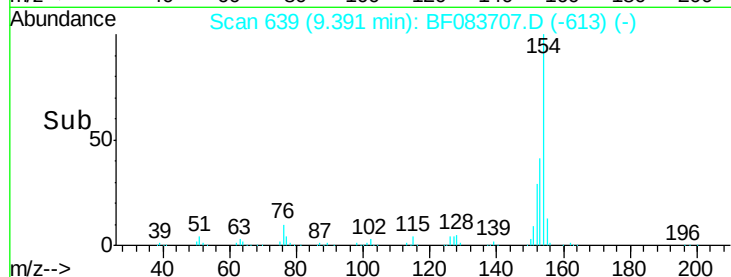
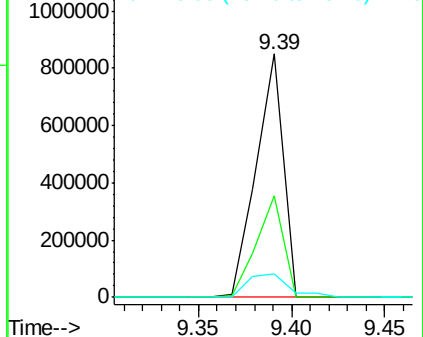
Tot Ion:	154	Resp:	850817
Ion Ratio		Lower	Upper
154	100		
153	41.5	20.2	60.2
76	9.9	0.0	34.8

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



#46

2-Chloronaphthalene

Concen: 42.45 ng

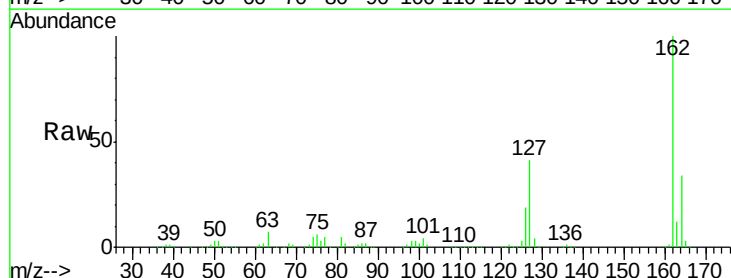
RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

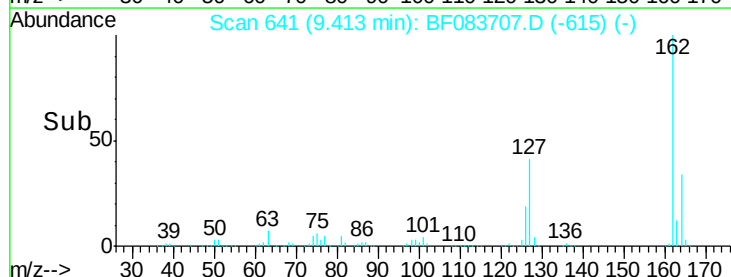
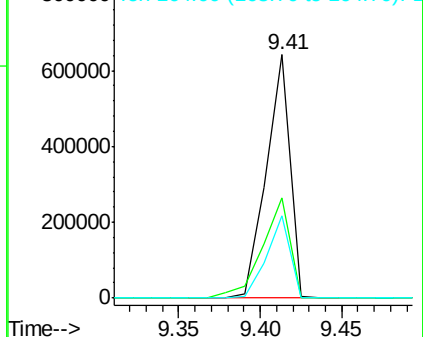
Lab File: BF083707.D

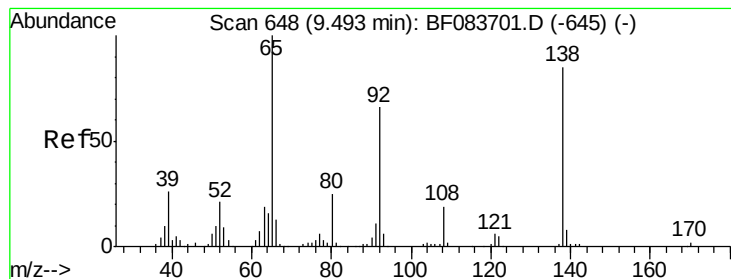
Acq: 11 Dec 2015 21:00

Tgt Ion:	162	Resp:	651050
Ion Ratio		Lower	Upper
162	100		
127	40.9	31.0	46.4
164	33.6	27.4	41.0



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





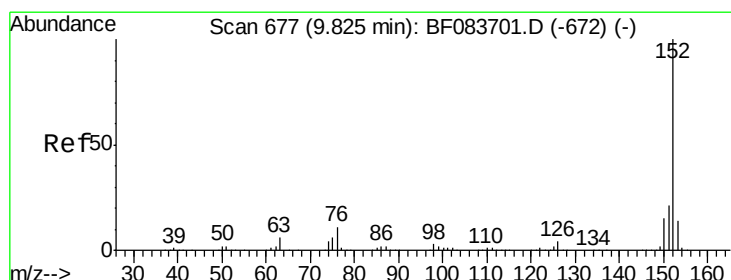
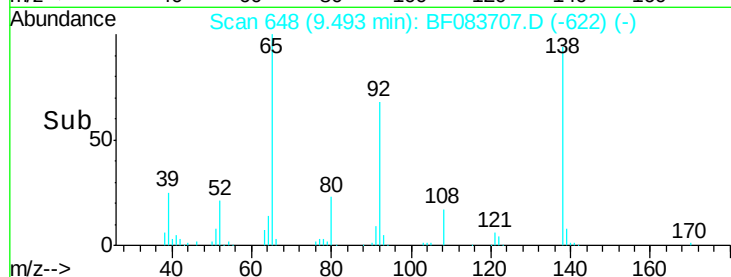
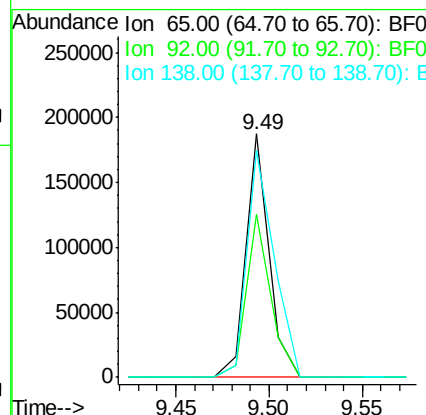
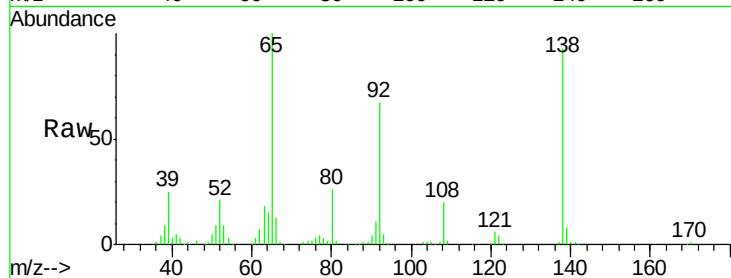
#47
2-Nitroaniline
Concen: 42.79 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.1	49.6	74.4
138	93.1	64.1	96.1

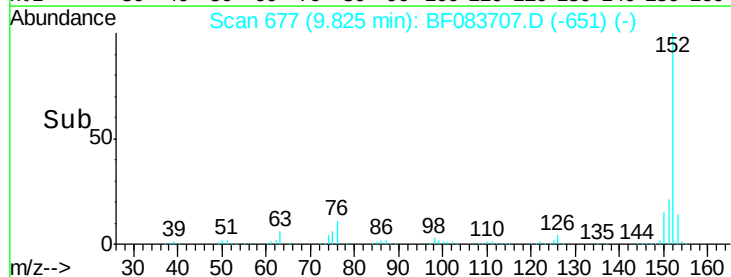
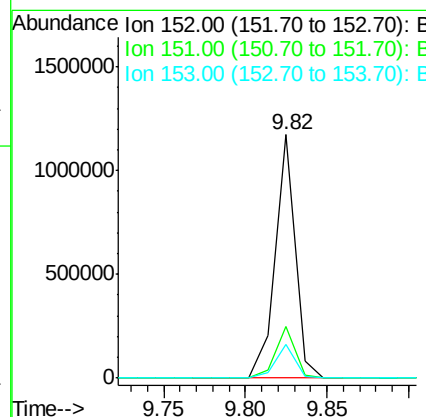
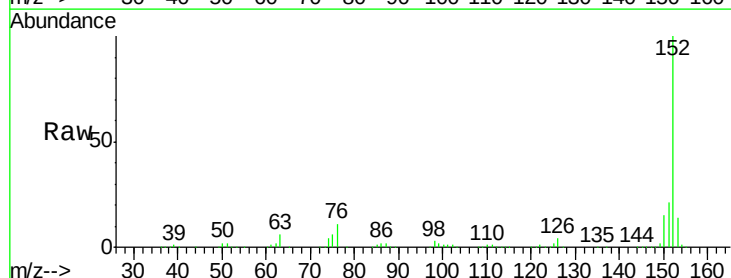
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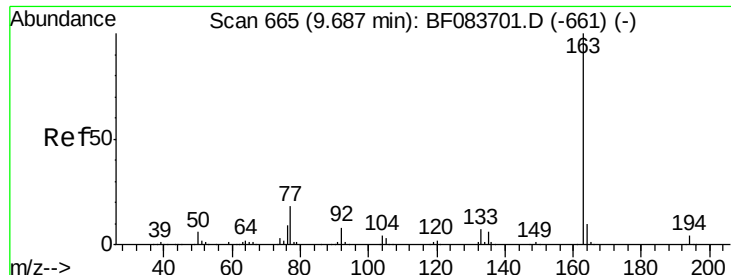
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#48
Acenaphthylene
Concen: 39.89 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	13.9	10.8	16.2





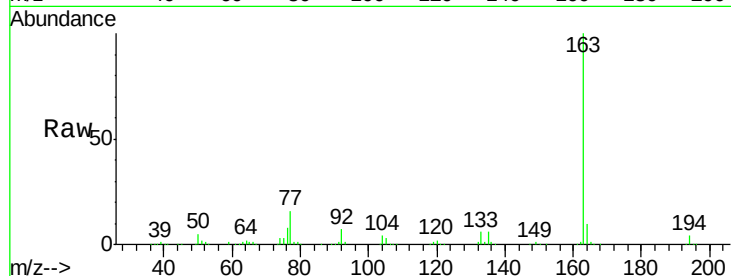
#49
Dimethylphthalate
Concen: 42.10 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	755728		
194	3.8		2.8	4.2
164	10.1		8.6	13.0

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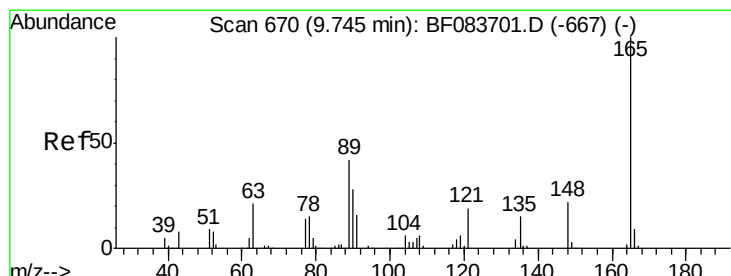
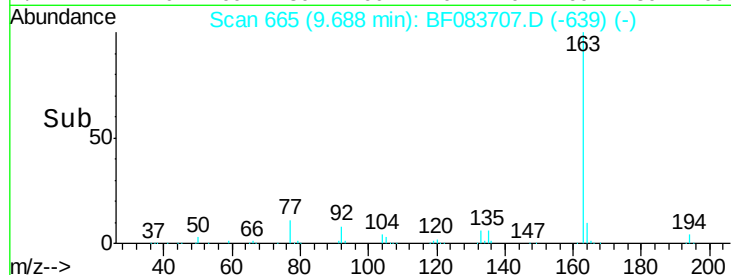
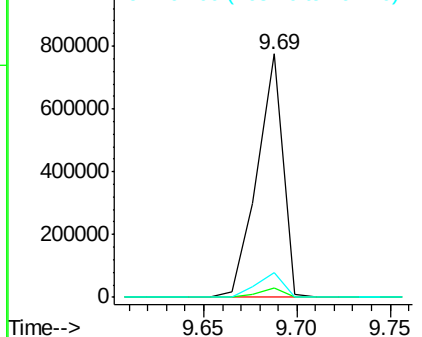


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 46.01 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

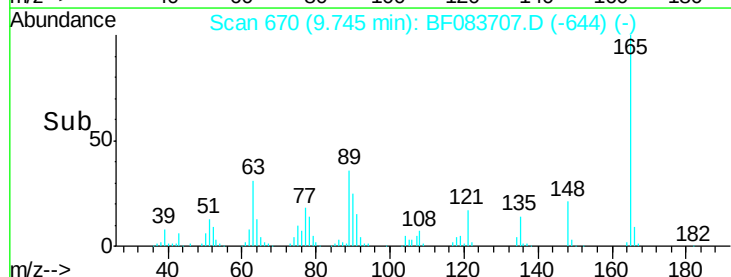
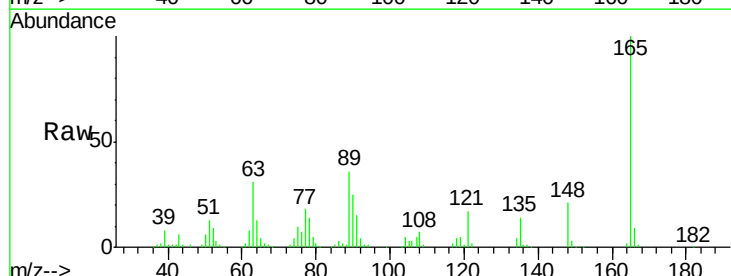
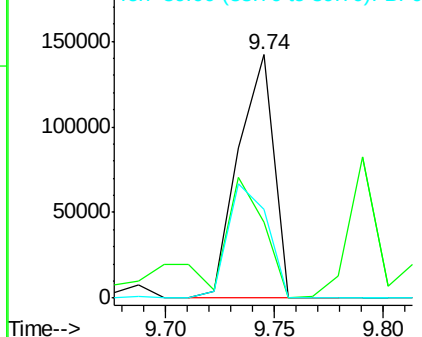
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	160381		
63	31.4		56.9	85.3#
89	36.4		52.1	78.1#

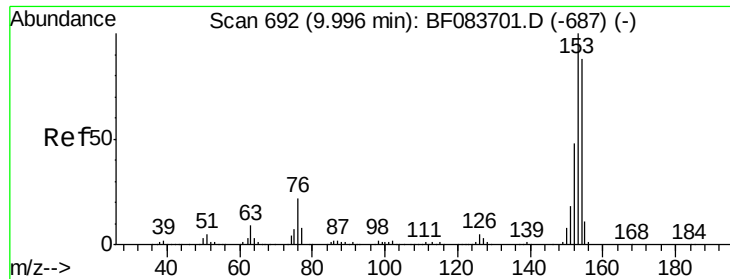
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.96 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

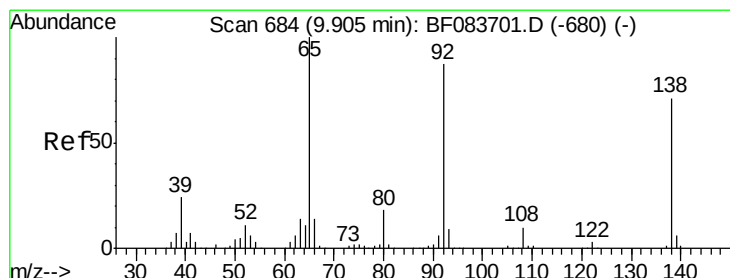
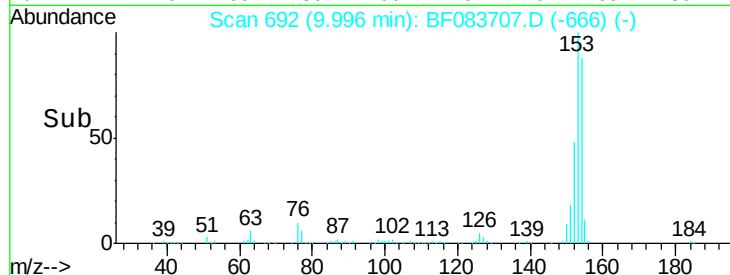
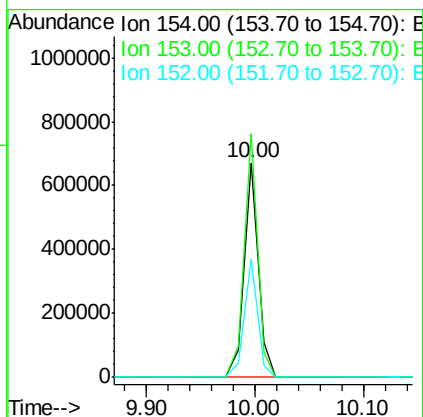
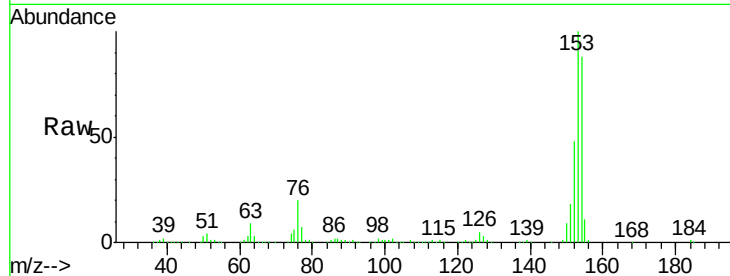
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	597997
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.4	137.0
152	55.0	43.4	65.2

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#52

3-Nitroaniline

Concen: 44.75 ng

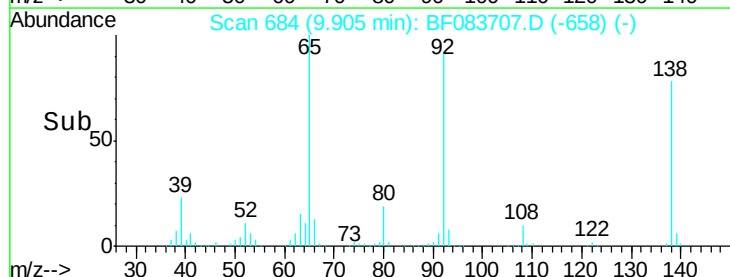
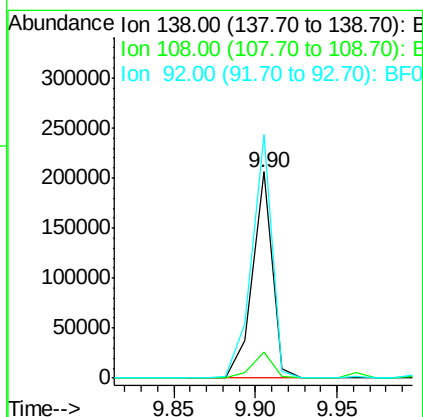
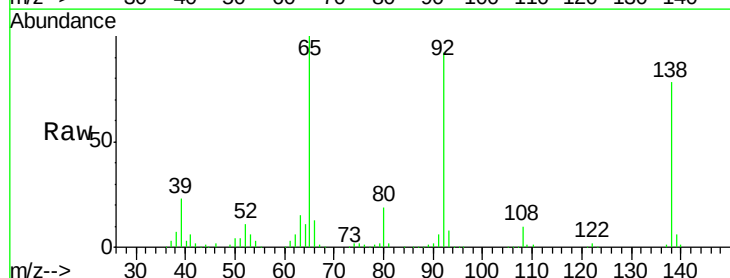
RT: 9.90 min Scan# 684

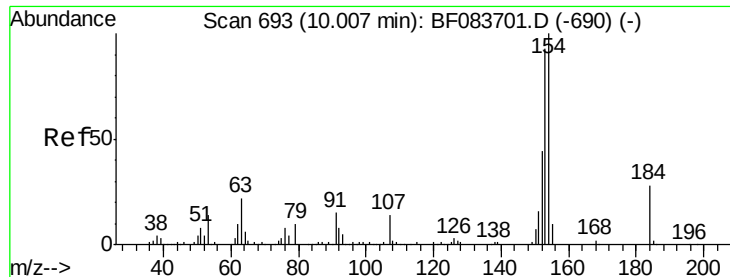
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	138	Resp:	174924
Ion Ratio	Lower	Upper	
138	100		
108	12.4	9.9	14.9
92	118.0	113.8	170.8





#53

2,4-Dinitrophenol

Concen: 51.51 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

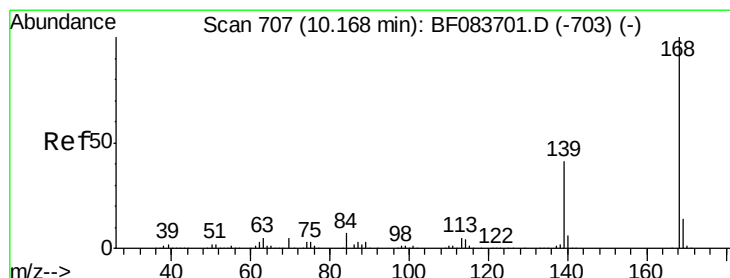
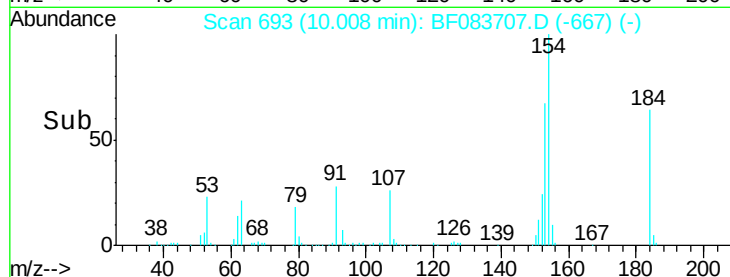
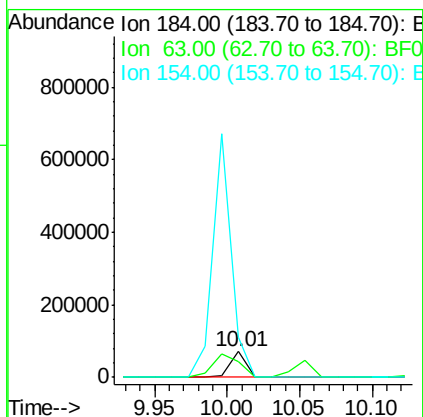
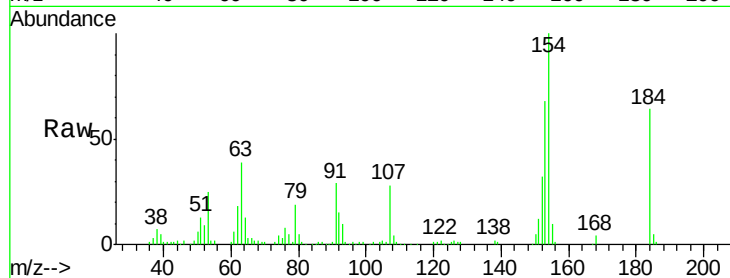
ClientSampleId :

SSTDCCC040

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Tot Ion:	184	Resp:	55414
Ion Ratio	Lower	Upper	
184	100		
63	60.7	62.4	93.6#
154	156.6	46.6	69.8#



#54

Dibenzofuran

Concen: 40.69 ng

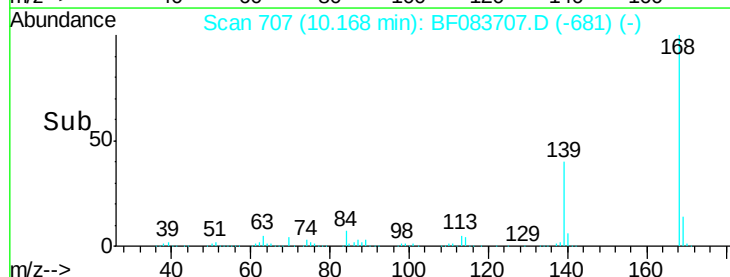
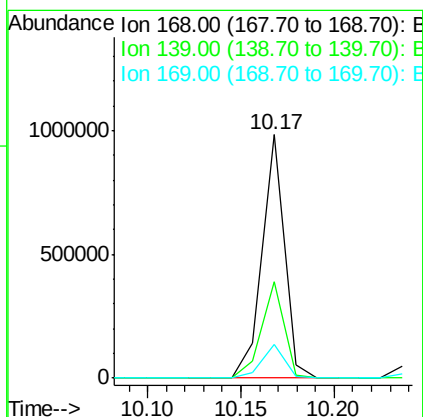
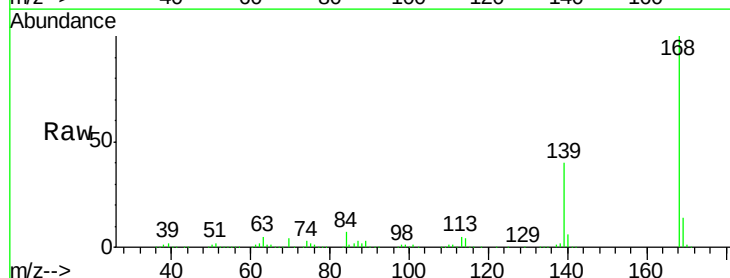
RT: 10.17 min Scan# 707

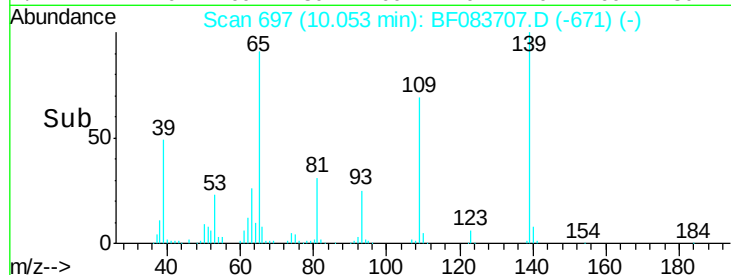
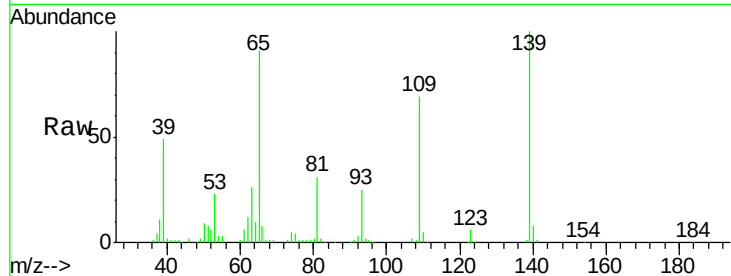
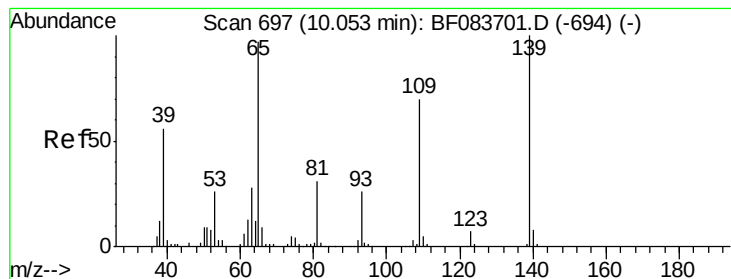
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	168	Resp:	810624
Ion Ratio	Lower	Upper	
168	100		
139	39.8	28.0	42.0
169	13.8	10.8	16.2





#55

4-Nitrophenol

Concen: 47.19 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF083707.D

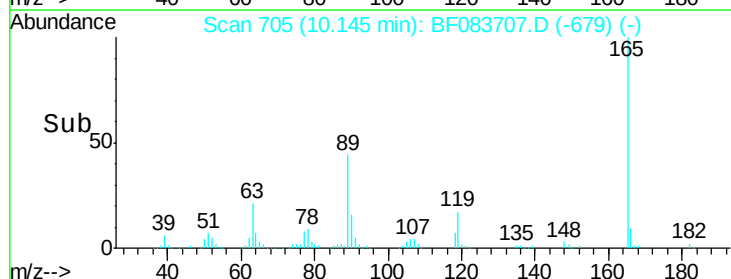
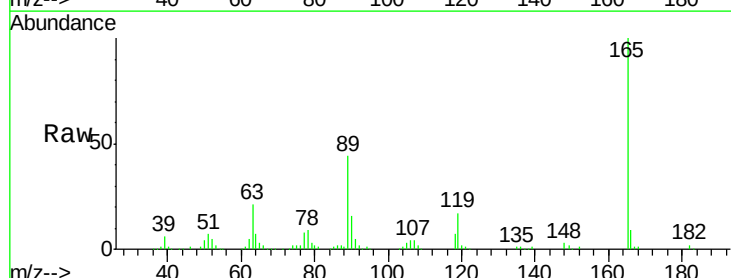
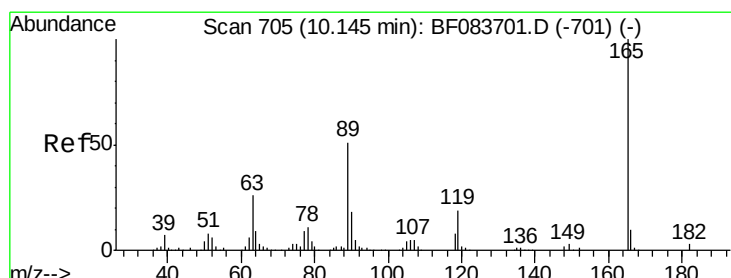
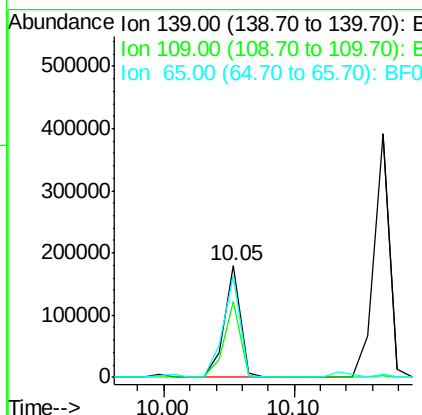
Acq: 11 Dec 2015 21:00

Tot Ion:	139	Resp:	156788
Ion Ratio	Lower	Upper	
139	100		
109	68.7	42.0	82.0
65	90.8	89.2	129.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#56

2,4-Dinitrotoluene

Concen: 45.44 ng

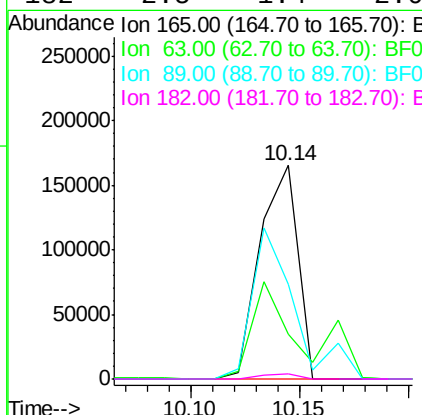
RT: 10.14 min Scan# 705

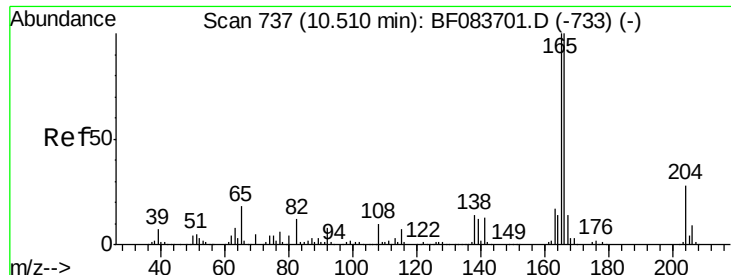
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	165	Resp:	201395
Ion Ratio	Lower	Upper	
165	100		
63	21.0	51.4	77.2#
89	44.1	72.6	108.8#
182	2.5	1.4	2.0#





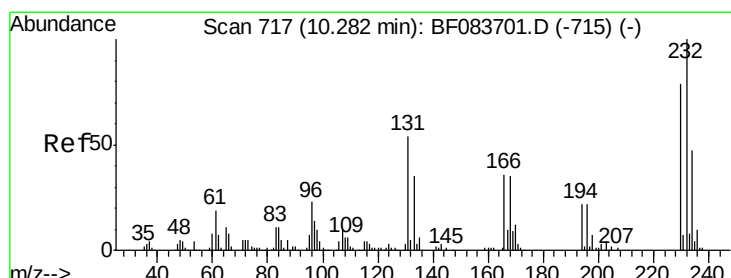
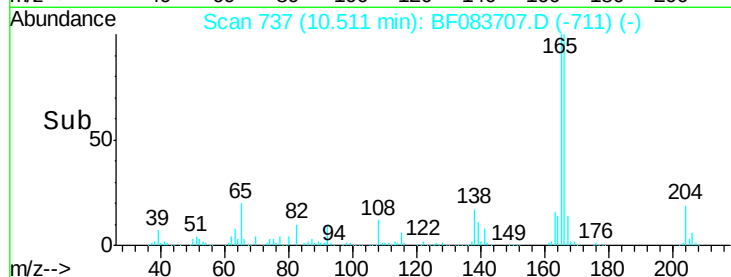
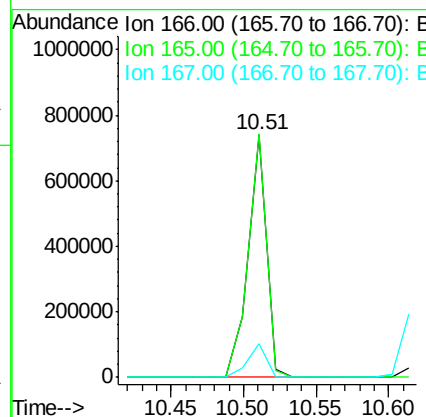
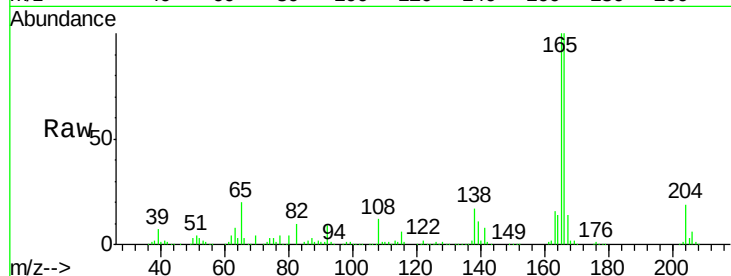
#57
 Fluorene
 Concen: 41.25 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	80.0	120.0	
167	13.8	10.6	16.0	

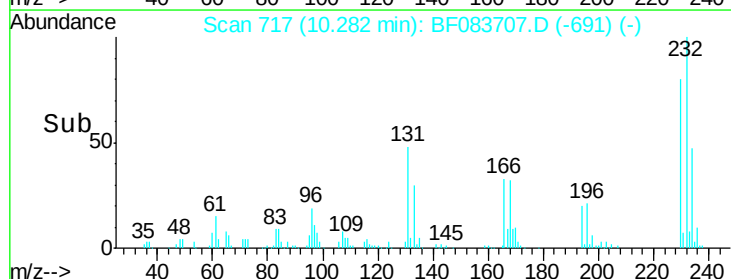
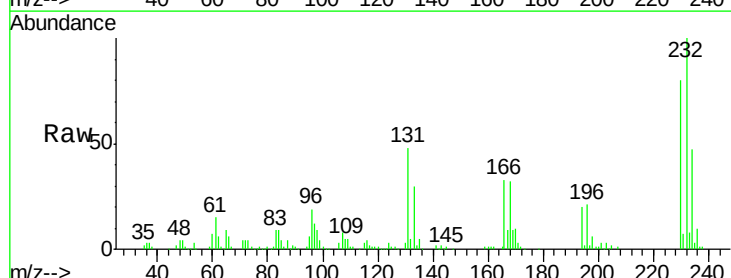
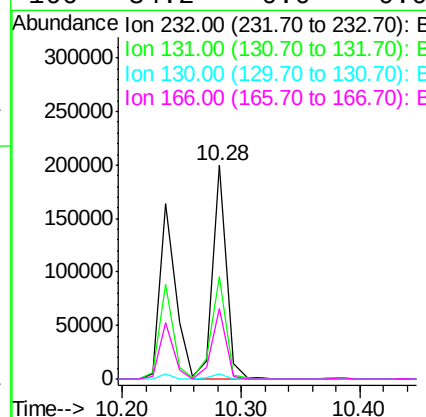
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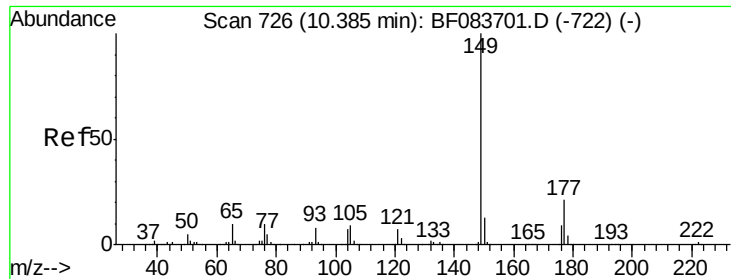
MMdadoda
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.35 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.6	0.0	0.0#	
130	2.6	0.0	0.0#	
166	34.2	0.0	0.0#	





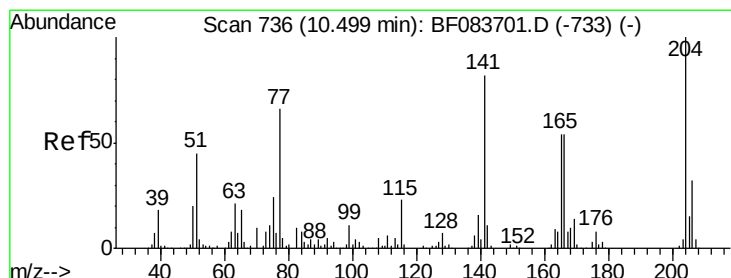
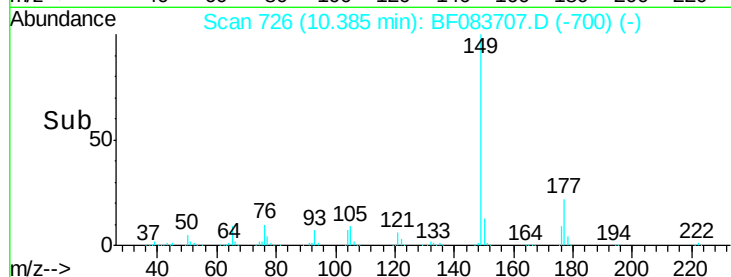
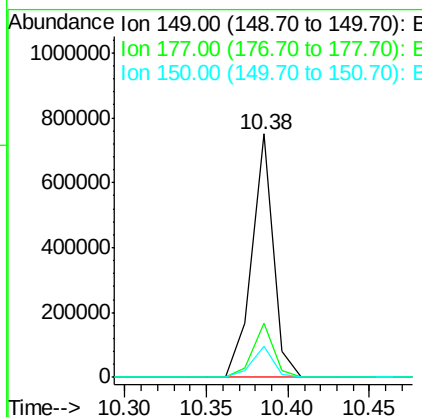
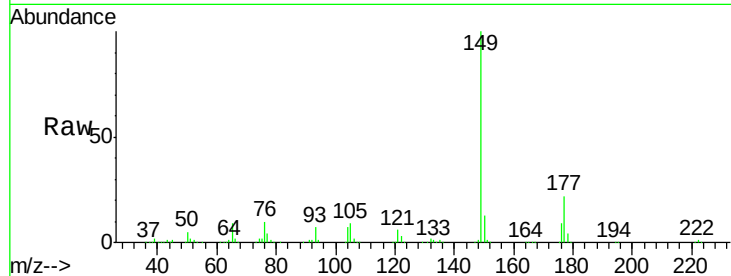
#59
Diethylphthalate
Concen: 40.85 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	687231		
177	22.0		16.9	25.3
150	12.9		10.2	15.4

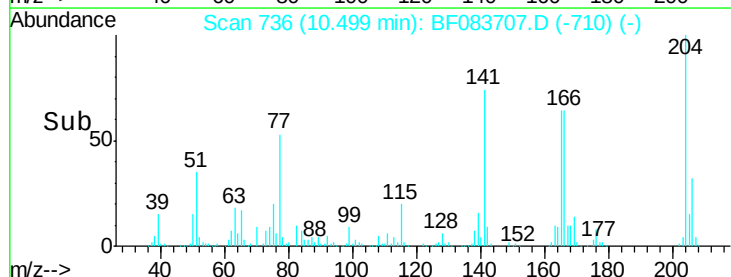
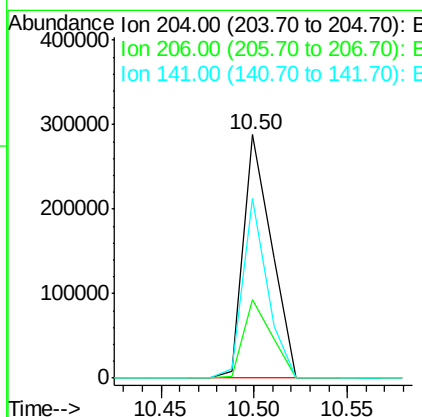
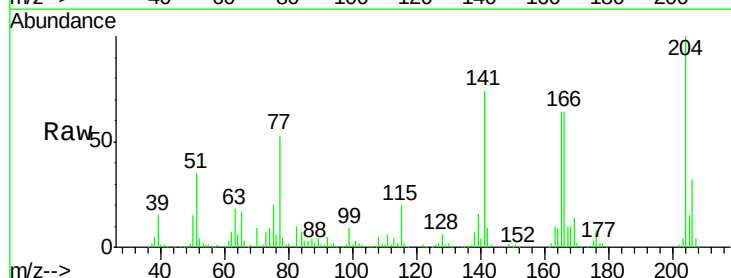
Manual Integrations
APPROVED

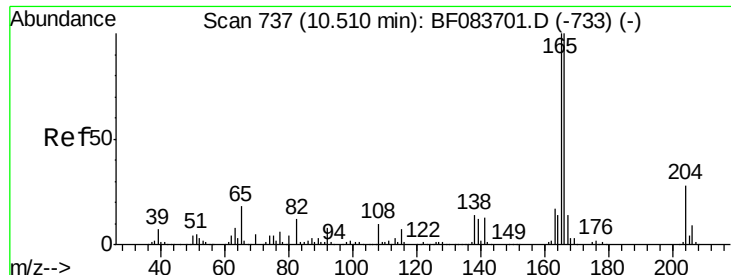
MMdadoda
12/14/2015 6:22:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.87 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	300835		
206	32.3		27.3	40.9
141	74.0		51.9	77.9





#61

4-Nitroaniline

Concen: 40.34 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

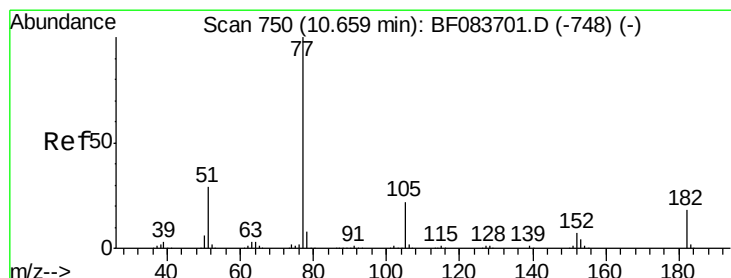
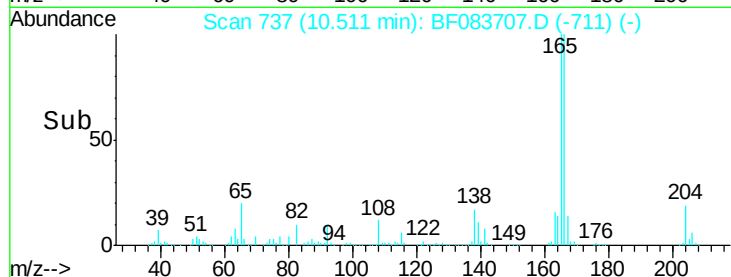
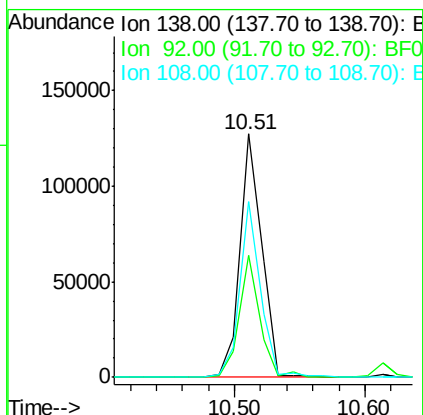
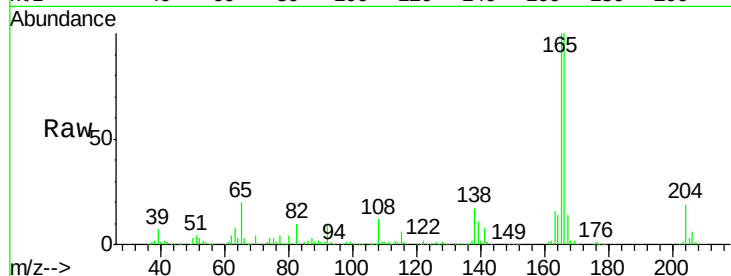
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	146169
Ion Ratio	Lower	Upper	
138	100		
92	50.2	29.0	69.0
108	72.3	47.4	87.4

Manual Integrations
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MMdadoda
12/14/2015 6:22:31 PM



#62

Azobenzene

Concen: 37.50 ng

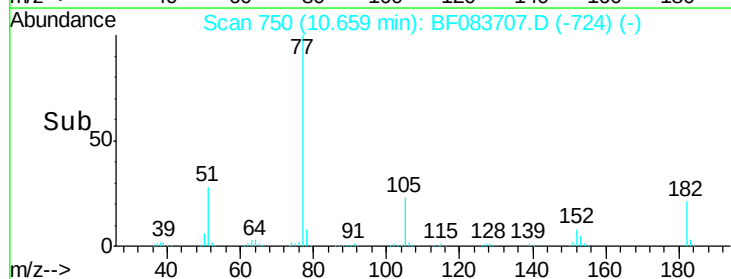
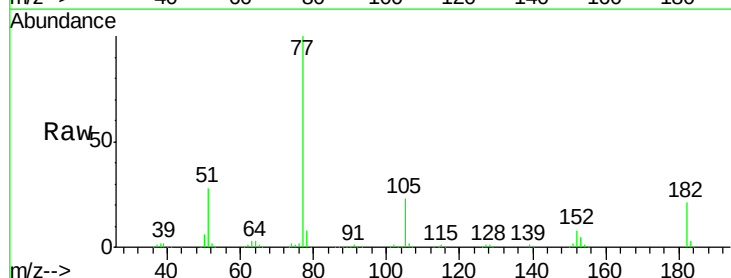
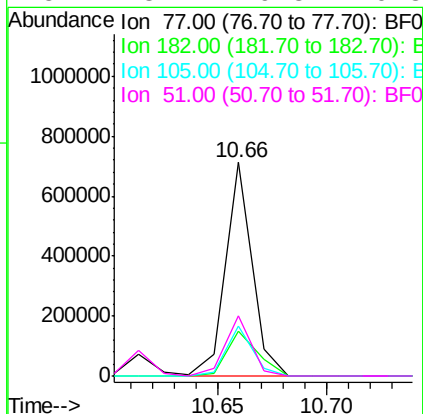
RT: 10.66 min Scan# 750

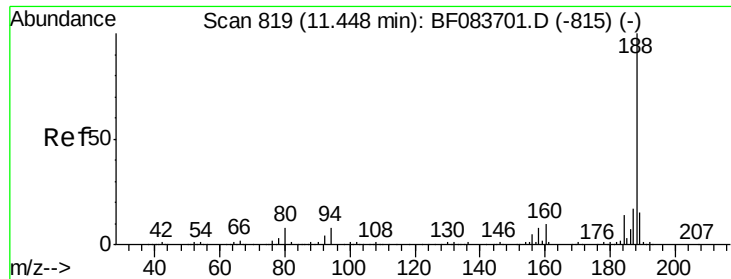
Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	77	Resp:	600556
Ion Ratio	Lower	Upper	
77	100		
182	20.8	2.5	42.5
105	23.2	2.1	42.1
51	28.4	9.3	49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

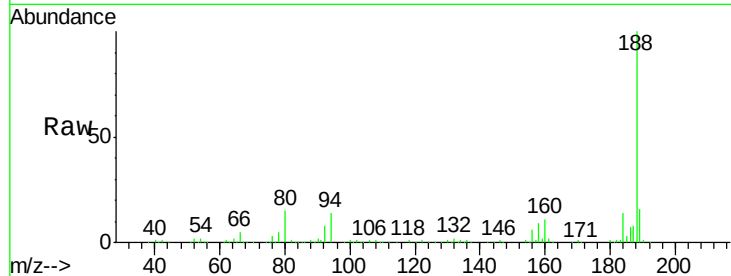
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	427663
Ion Ratio	Lower	Upper	
188	100		
94	13.5	9.4	14.2
80	15.3	10.6	16.0

Manual Integrations
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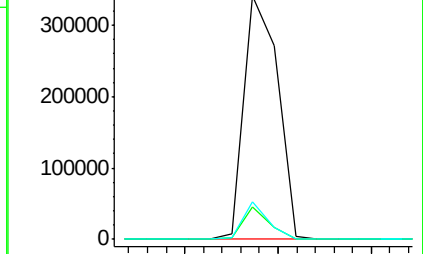
MMdadoda
12/14/2015 6:22:31 PM



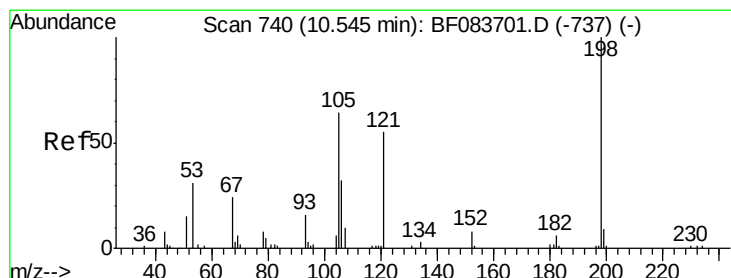
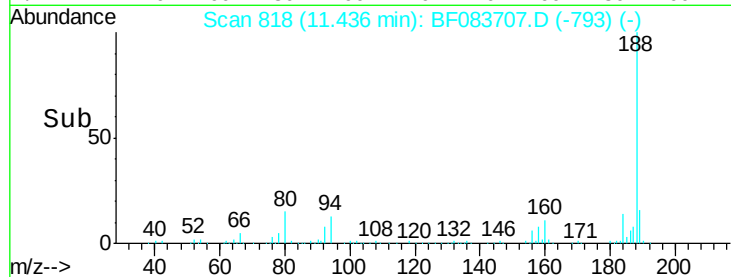
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 46.94 ng

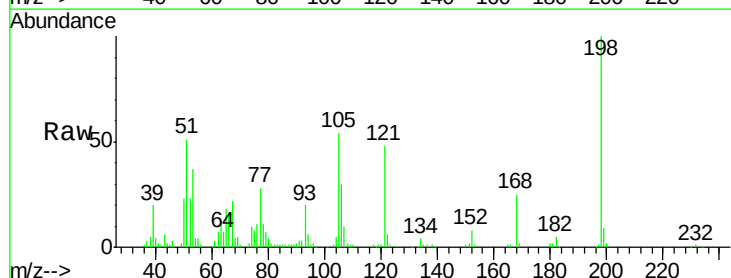
RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

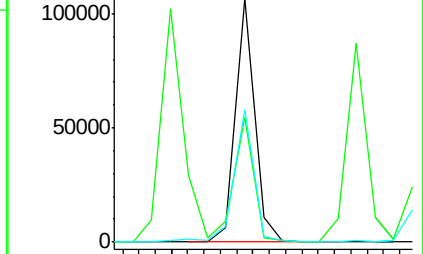
Tgt Ion:	198	Resp:	85600
Ion Ratio	Lower	Upper	
198	100		
51	51.4	53.8	93.8#
105	54.1	38.6	78.6



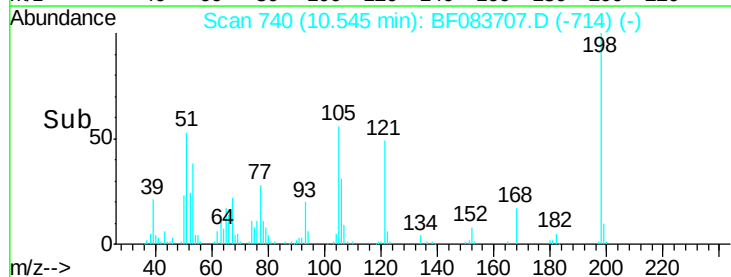
Abundance Ion 198.00 (197.70 to 198.70): E

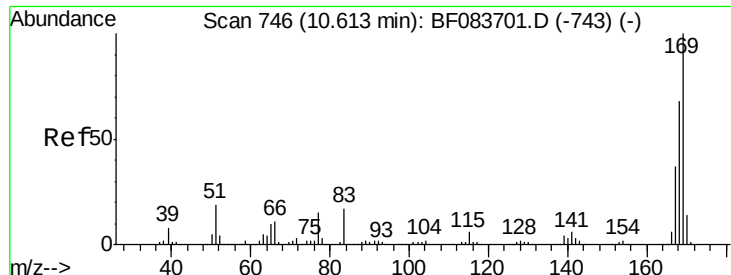
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





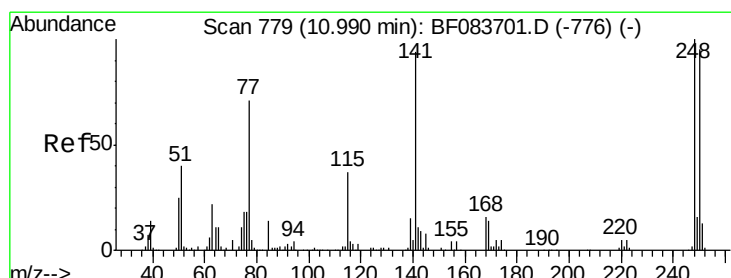
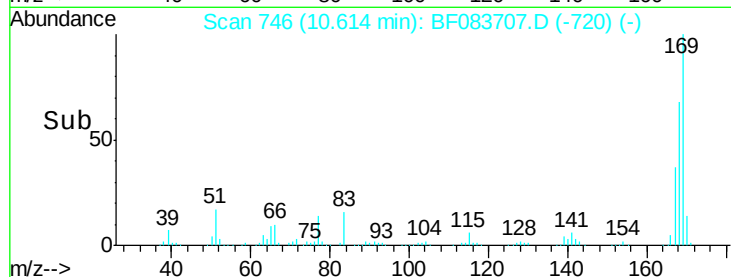
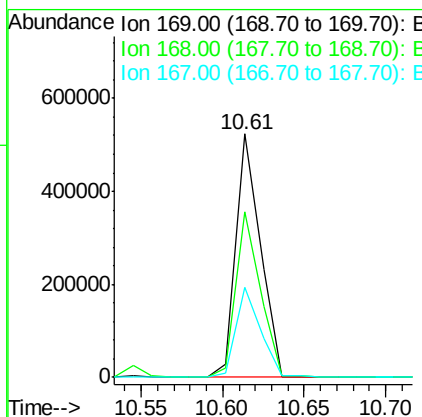
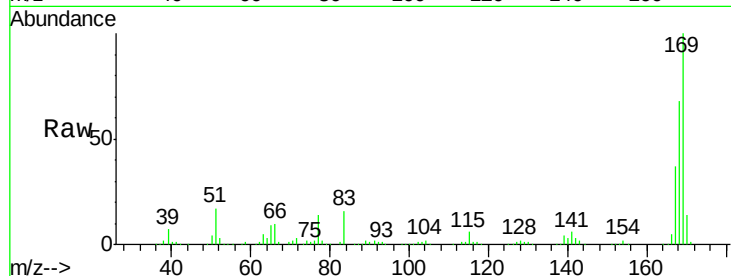
#65
n-Nitrosodiphenylamine
Concen: 37.96 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	538919		
168	67.9	53.0	79.6	
167	37.1	29.3	43.9	

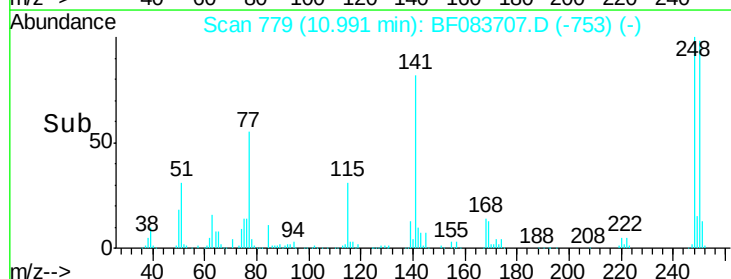
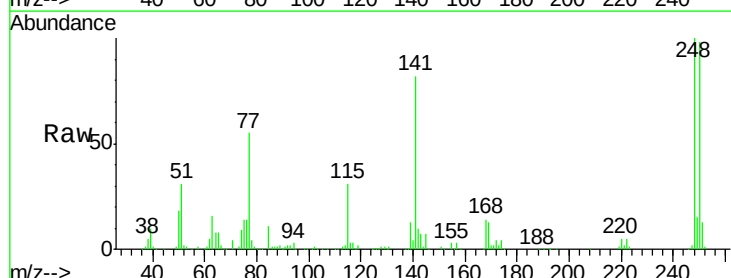
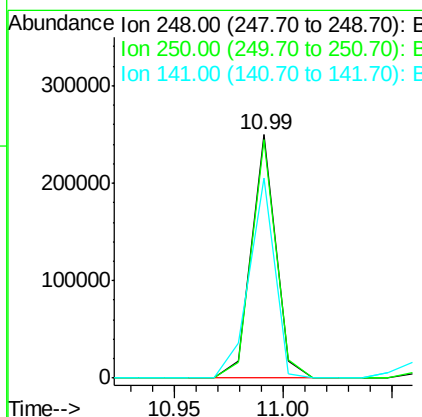
Manual Integrations
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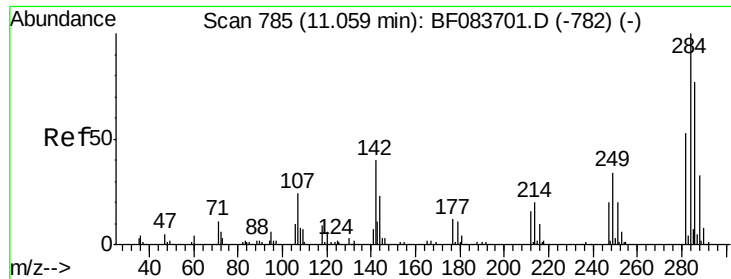
MMdadoda
12/14/2015 6:22:31 PM



#66
4-Bromophenyl-phenylether
Concen: 42.76 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	195430		
250	98.0	79.2	118.8	
141	82.2	58.2	87.4	





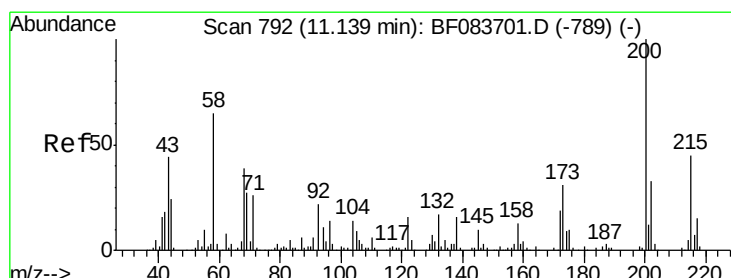
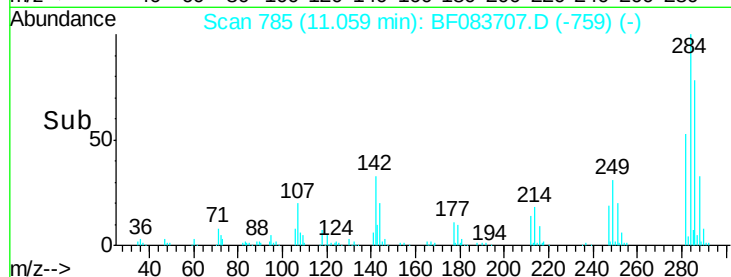
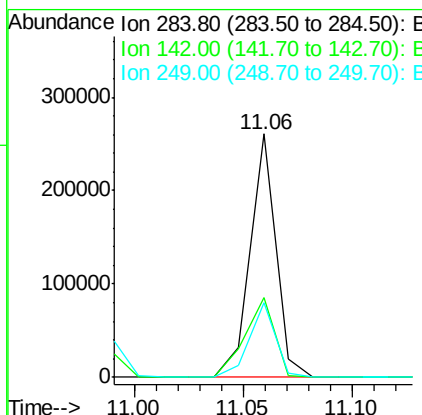
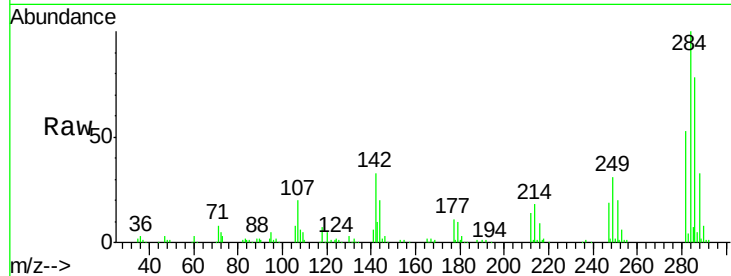
#67
Hexachlorobenzene
Concen: 43.10 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	214611		
142	32.8	31.0	46.4	
249	30.9	26.9	40.3	

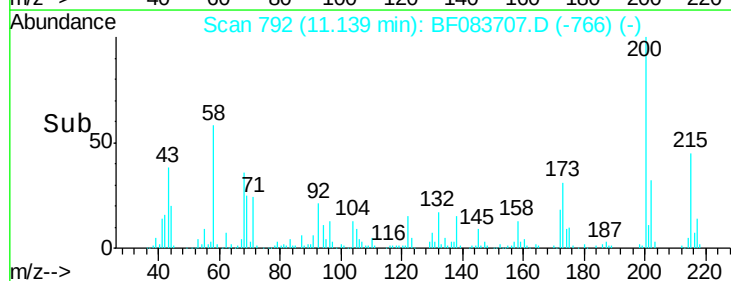
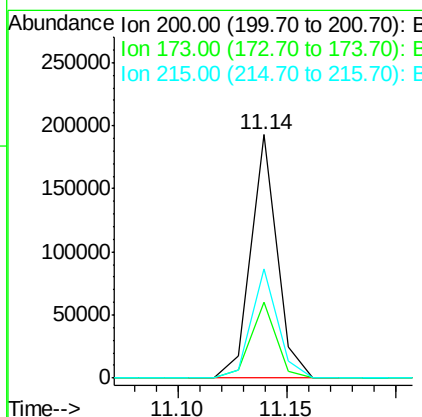
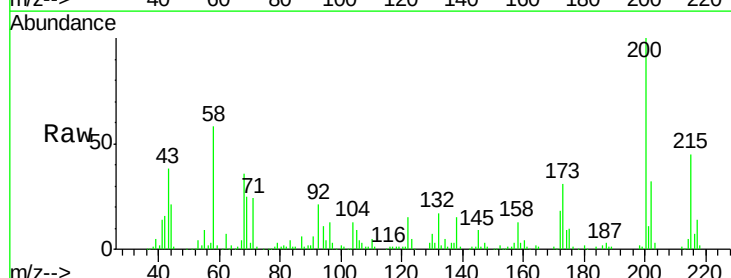
Manual Integrations
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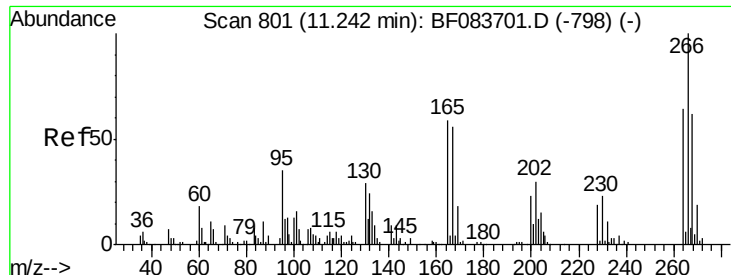
MMdadoda
12/14/2015 6:22:31 PM



#68
Atrazine
Concen: 39.84 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161280		
173	31.0	7.8	47.8	
215	44.7	25.7	65.7	





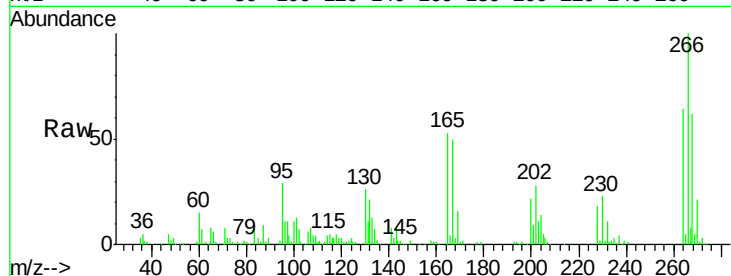
#69
 Pentachlorophenol
 Concen: 46.26 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

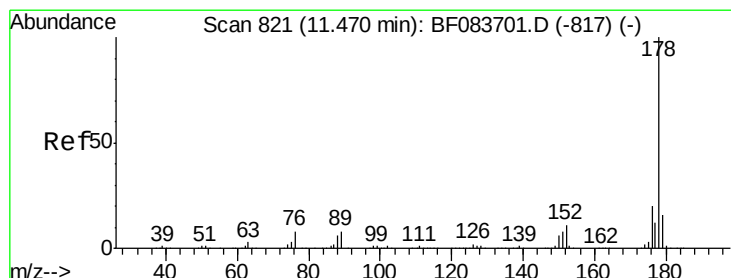
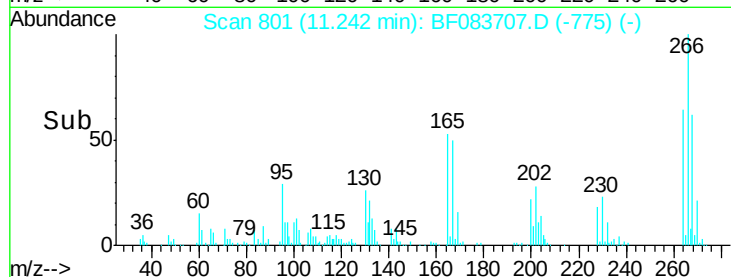
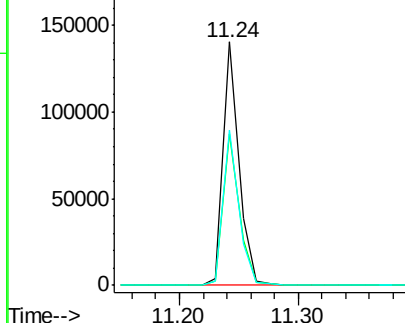
Tot Ion	Ratio	Resp	Lower	Upper
266	100	128541		
268	62.3	50.2	75.2	
264	64.0	51.4	77.2	

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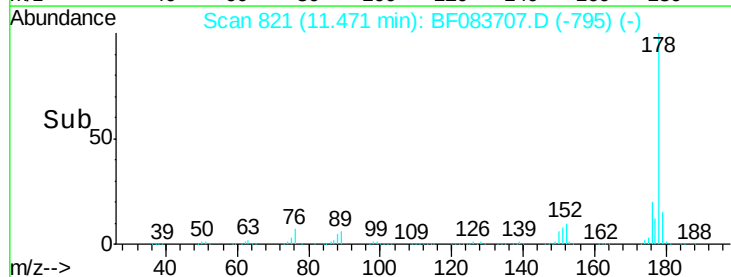
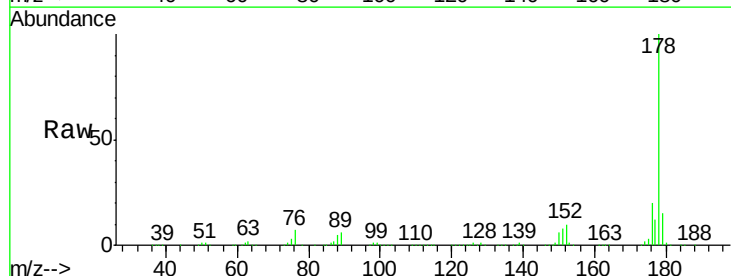
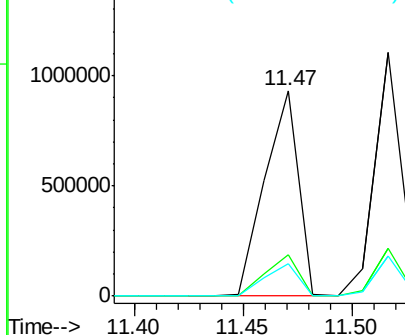
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

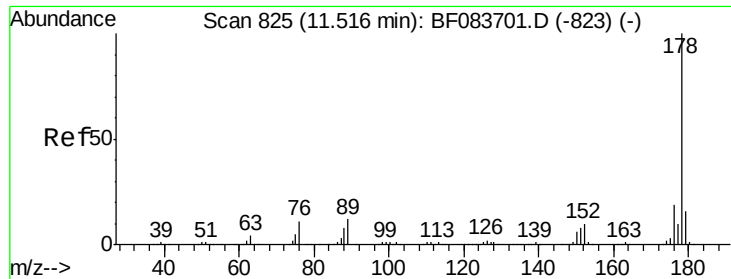


#70
 Phenanthrene
 Concen: 43.26 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1009841		
176	19.9	15.7	23.5	
179	15.5	12.2	18.4	

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





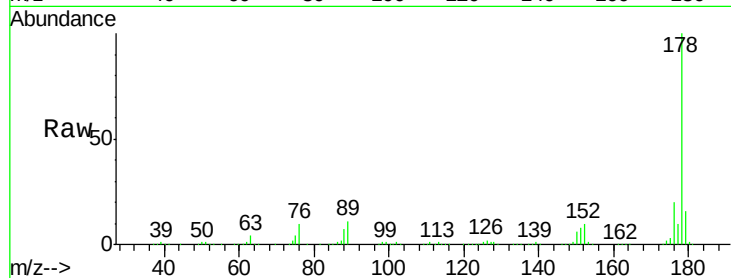
#71
 Anthracene
 Concen: 39.39 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

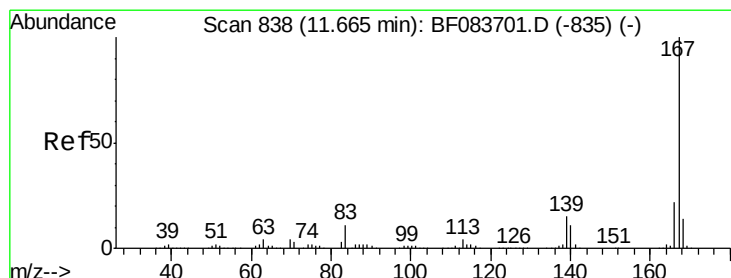
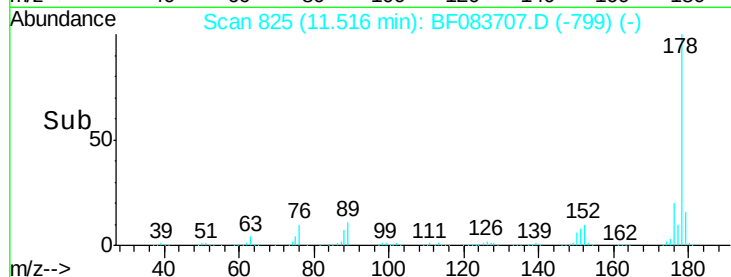
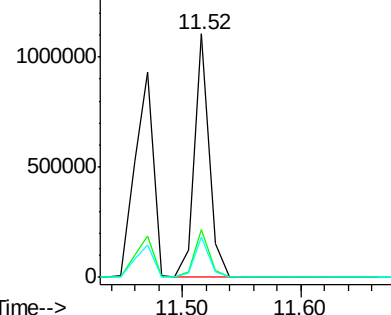
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	16.3	12.6	18.8

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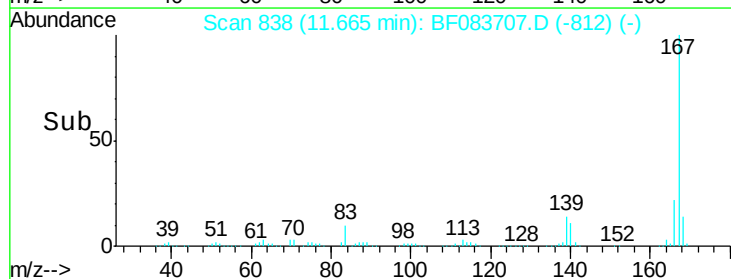
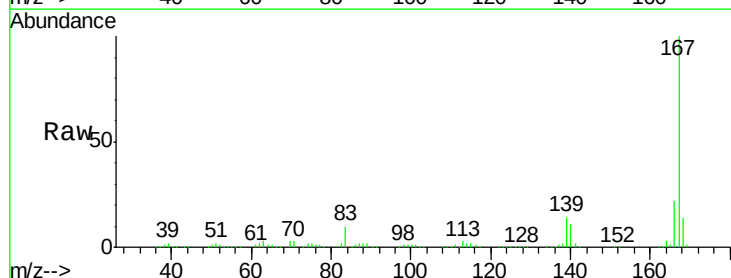
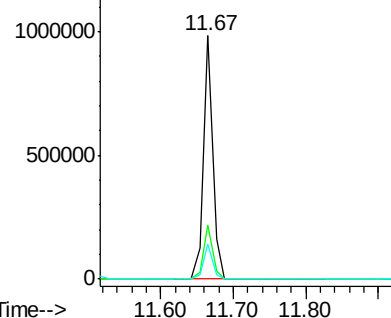
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

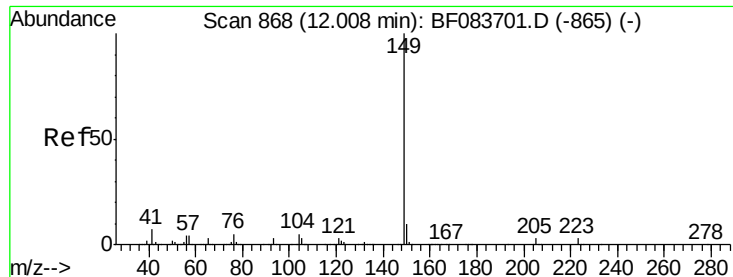


#72
 Carbazole
 Concen: 39.57 ng
 RT: 11.67 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.2	25.8
139	14.3	9.3	13.9

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.37 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1045658

Ion Ratio Lower Upper

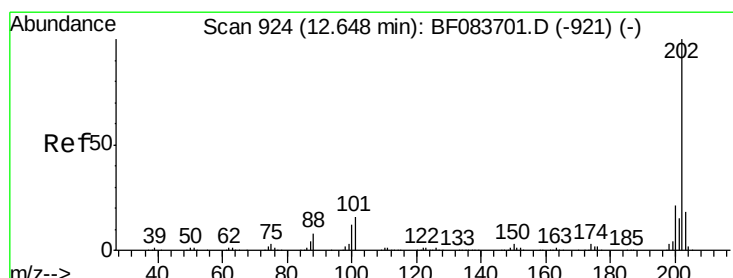
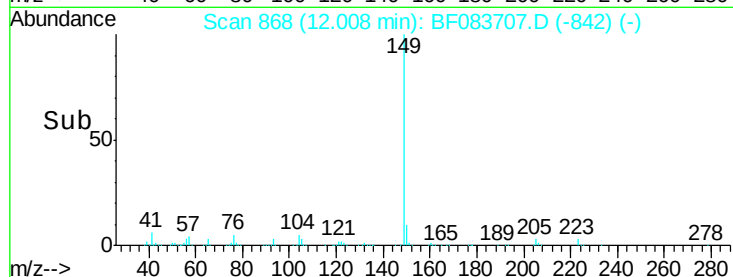
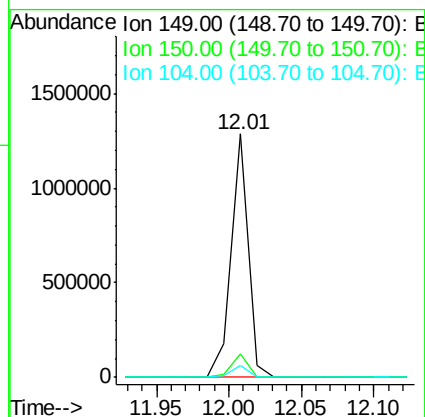
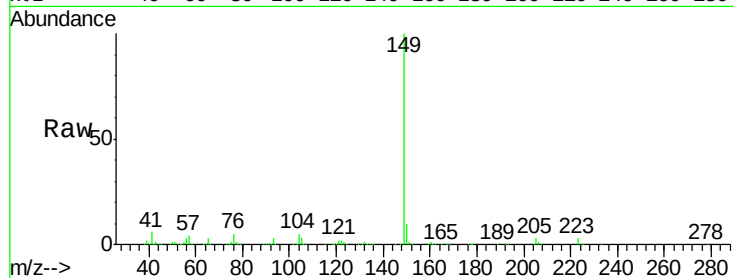
149 100

150 9.7 7.8 11.6

104 5.0 3.9 5.9

Manual Integrations
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MMdadoda
12/14/2015 6:22:31 PM



#74

Fluoranthene

Concen: 38.98 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

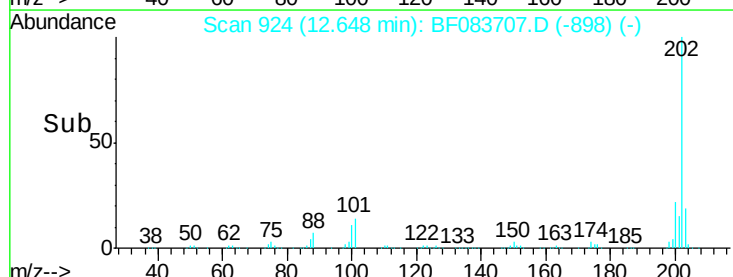
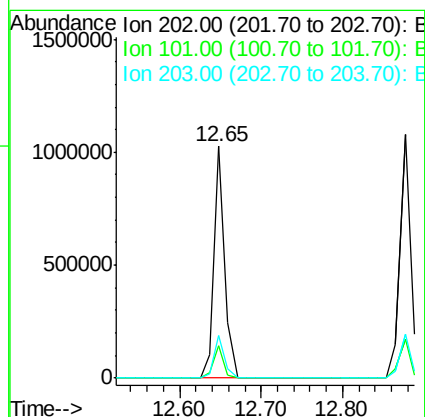
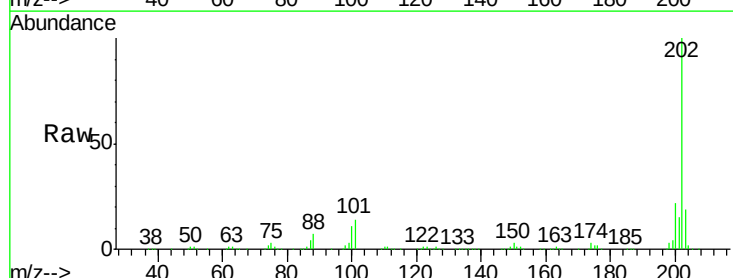
Tgt Ion:202 Resp: 952184

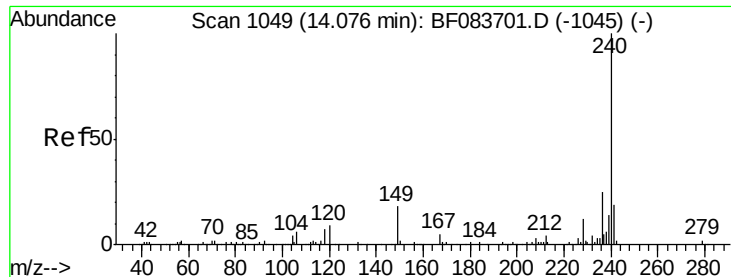
Ion Ratio Lower Upper

202 100

101 14.3 0.0 31.5

203 18.6 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

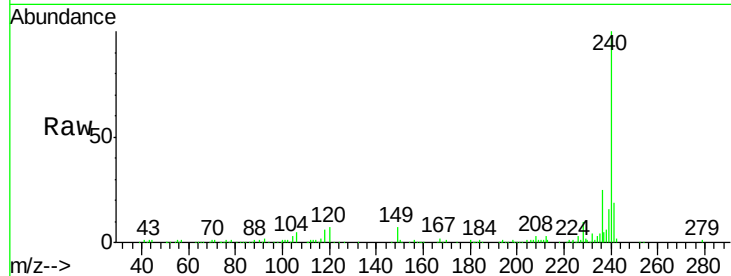
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.1	12.1#
236	25.4	20.8	31.2

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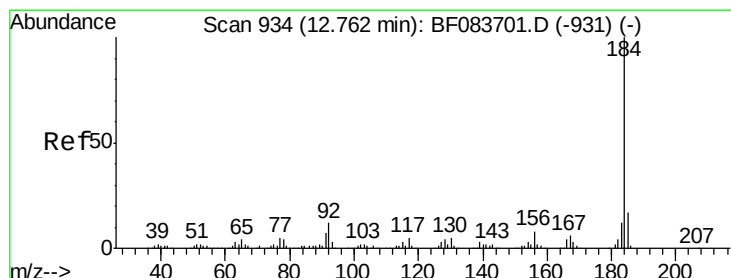
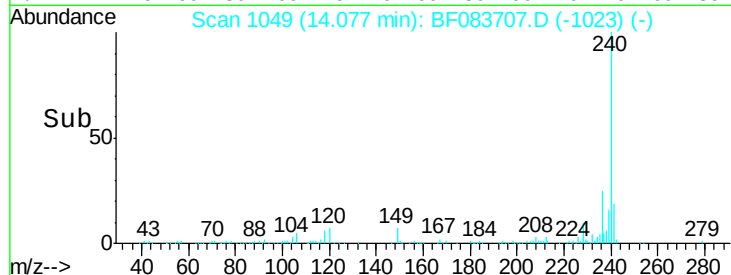
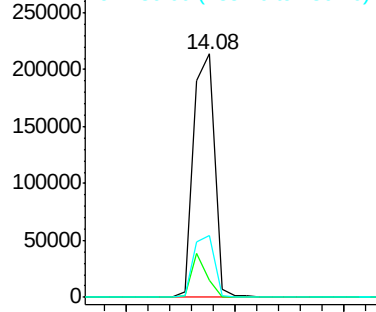
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.83 ng

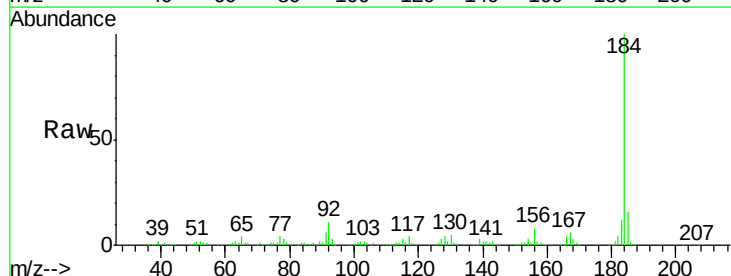
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

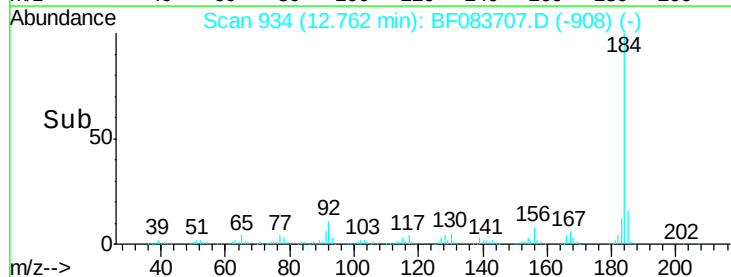
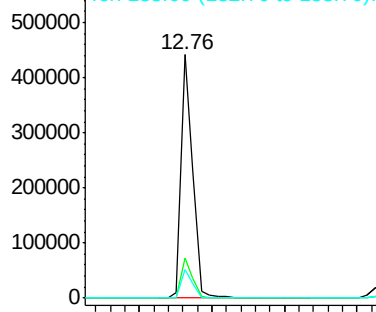
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.0	19.6
183	11.7	9.0	13.4

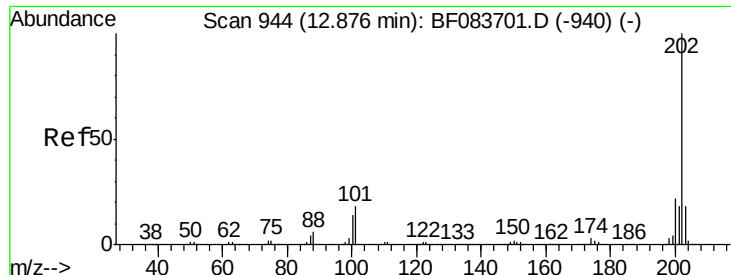


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





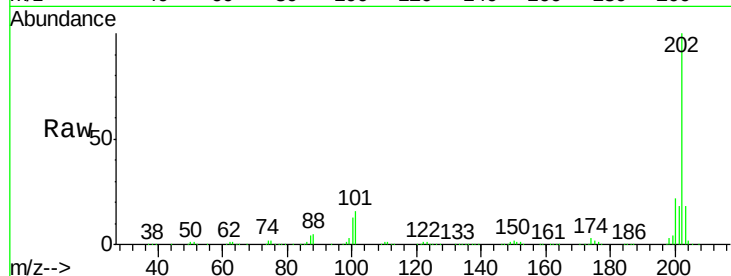
#77
Pvrene
Concen: 43.02 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

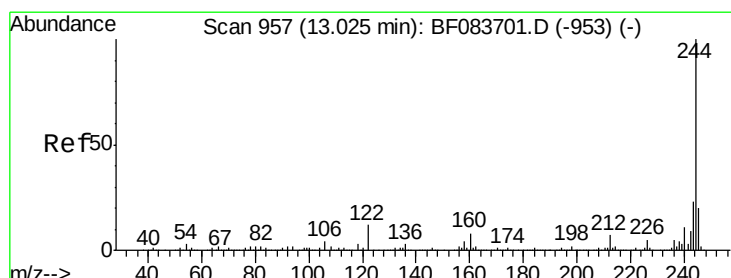
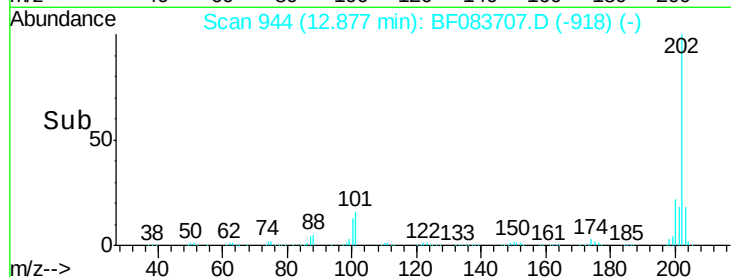
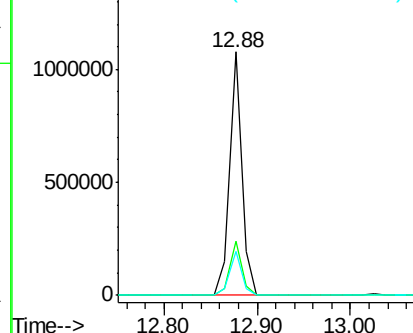
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.7	25.1
203	18.1	14.3	21.5

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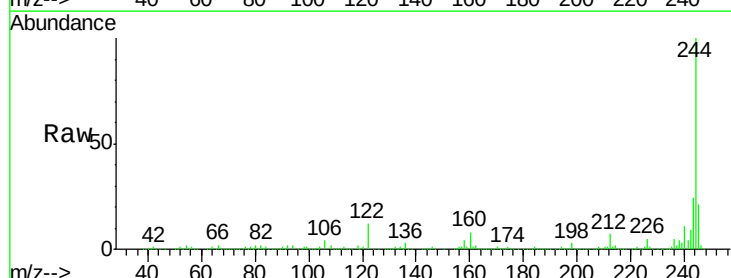


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

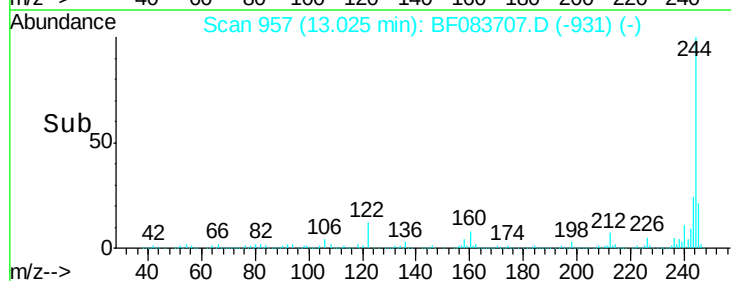
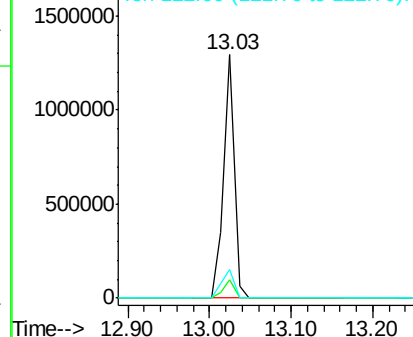


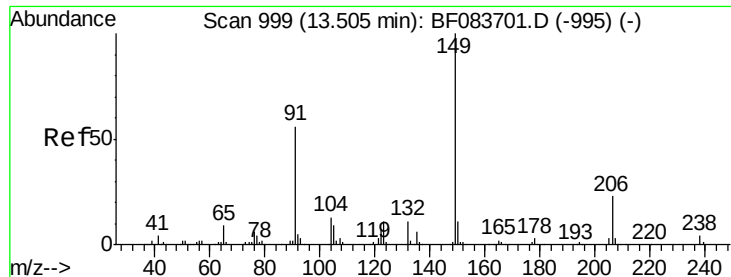
#78
Terphenyl-d14
Concen: 91.51 ng
RT: 13.03 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.7	11.0	16.6



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





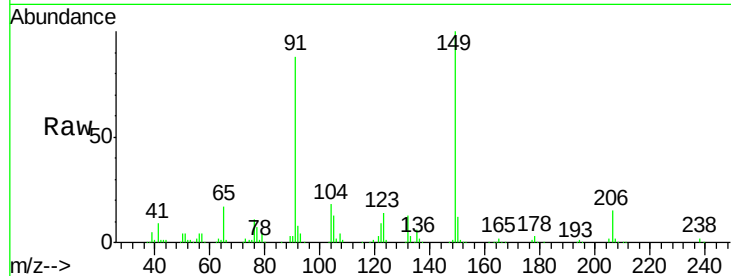
#79
Butylbenzylphthalate
Concen: 48.68 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

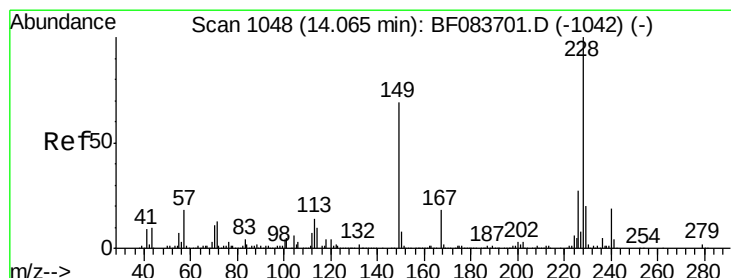
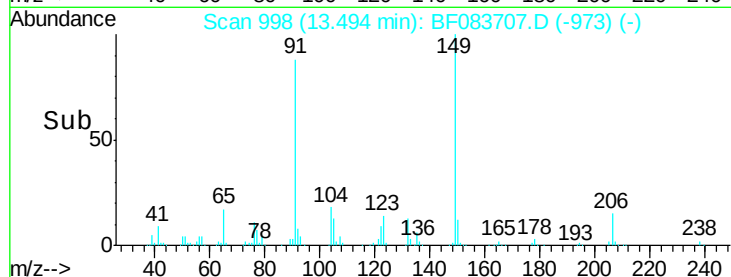
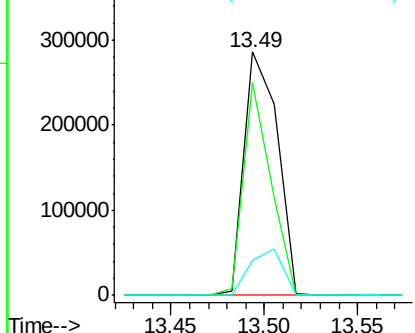
Tot Ion	Ratio	Resp	Lower	Upper
149	100	355127		
91	87.6	60.0	90.0	
206	14.5	16.2	24.4	

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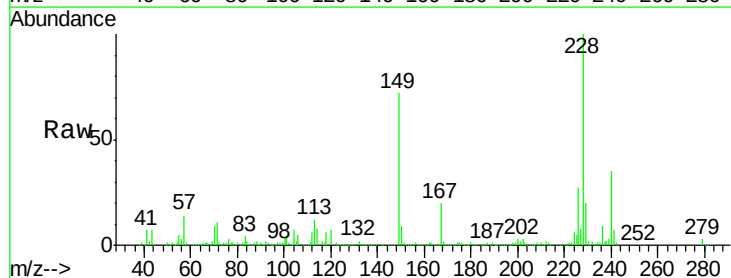


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

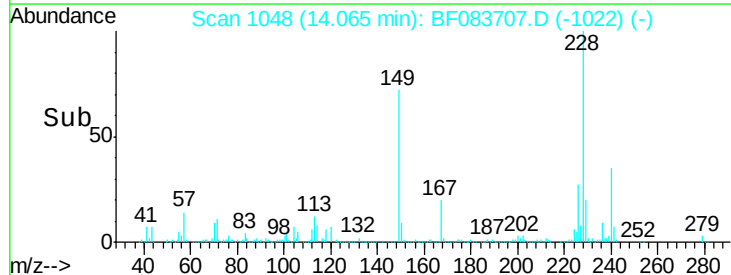
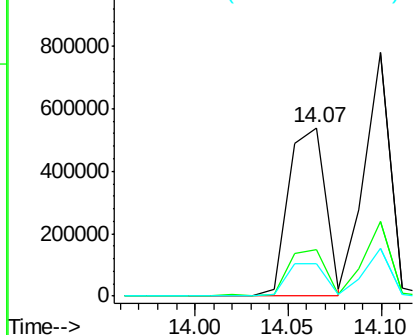


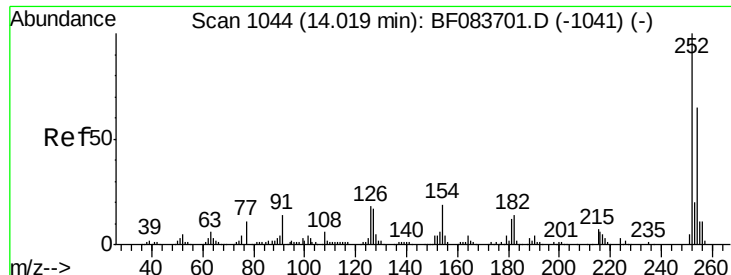
#80
Benzo(a)anthracene
Concen: 43.45 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	734608		
226	27.3	22.3	33.5	
229	19.5	15.7	23.5	



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





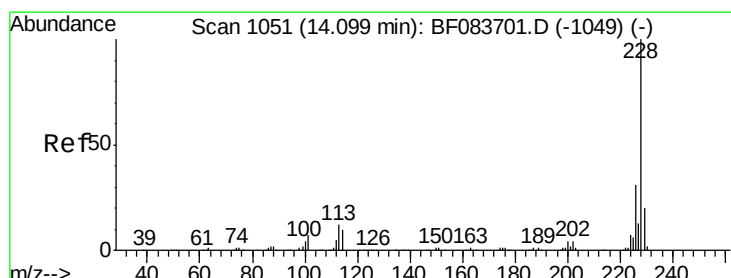
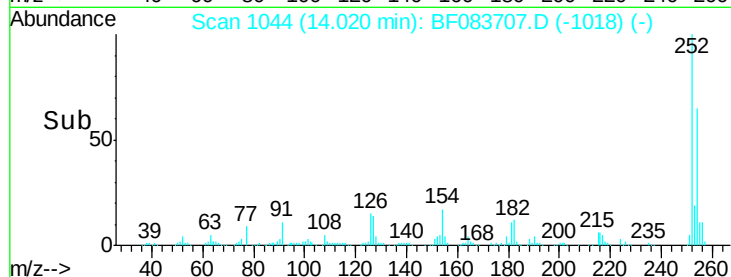
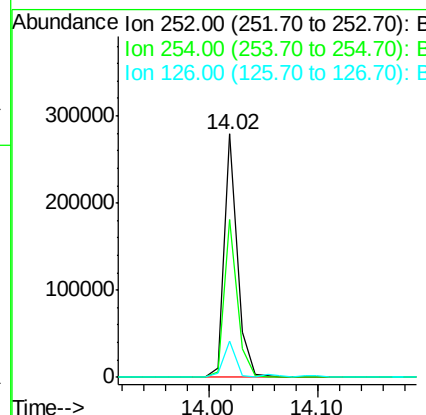
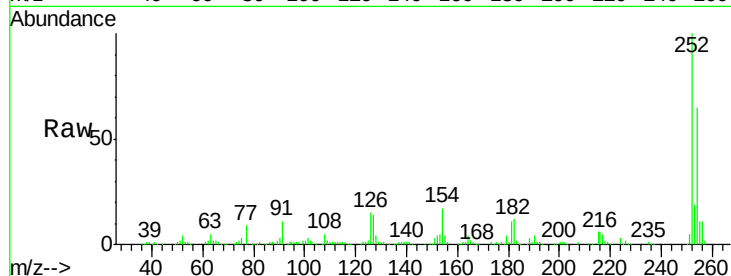
#81
 3,3'-Dichlorobenzidine
 Concen: 44.72 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	240329		
254	65.0		50.6	76.0
126	14.7		11.0	16.4

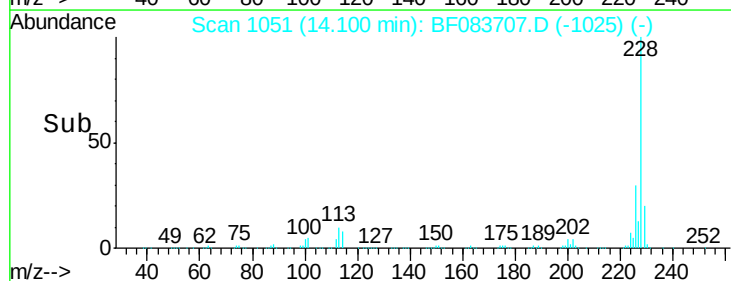
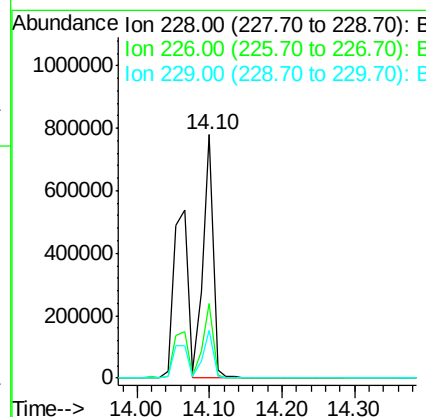
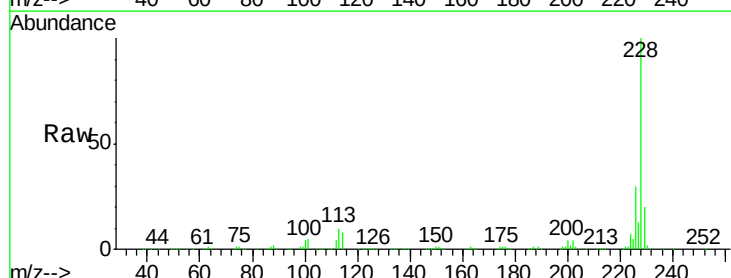
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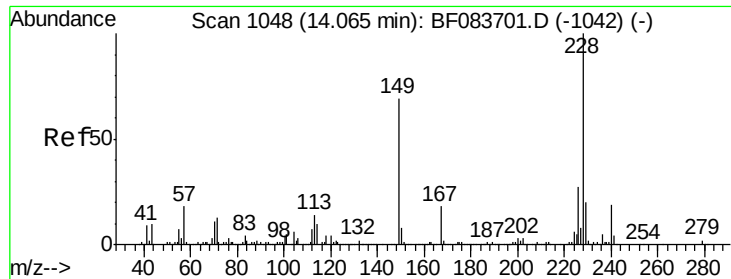
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#82
 Chrysene
 Concen: 46.55 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	756821		
226	30.5		24.7	37.1
229	19.9		16.3	24.5





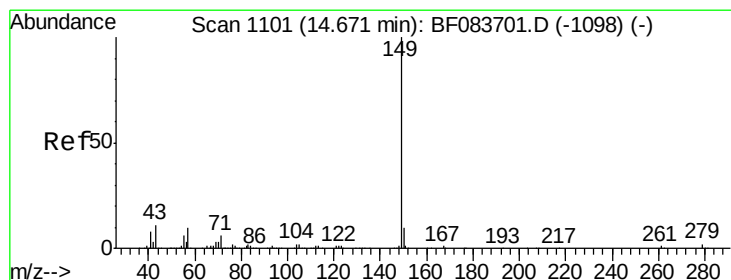
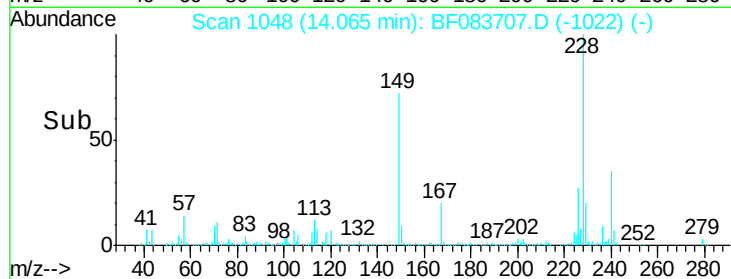
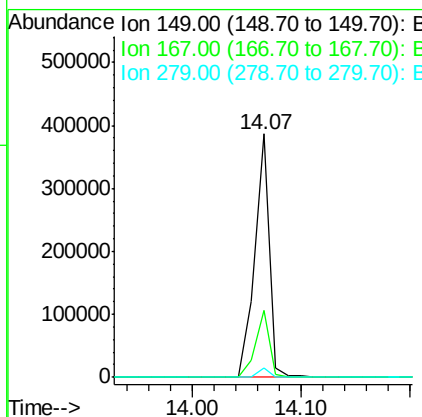
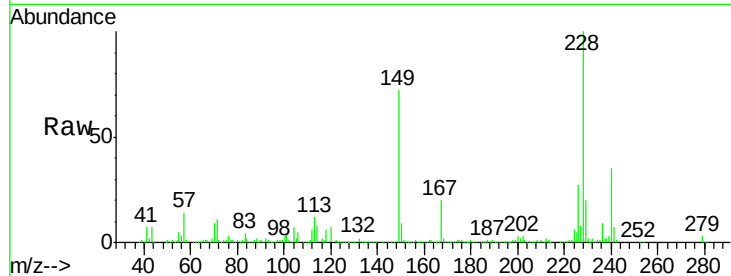
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.06 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	363446		
167	27.3	21.8	32.8	
279	4.0	3.0	4.4	

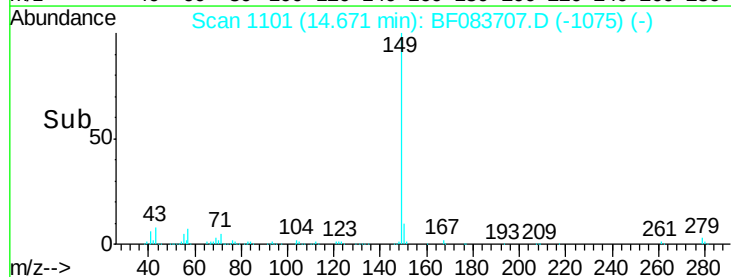
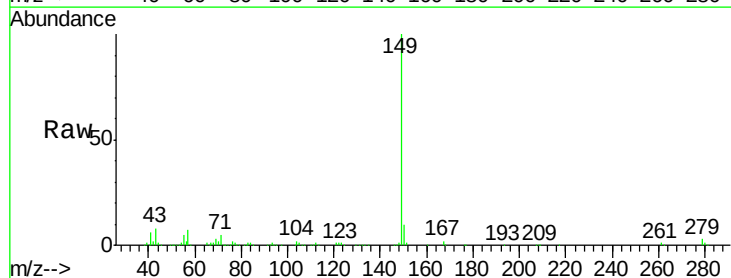
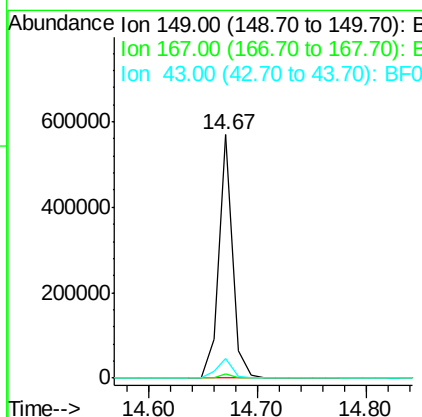
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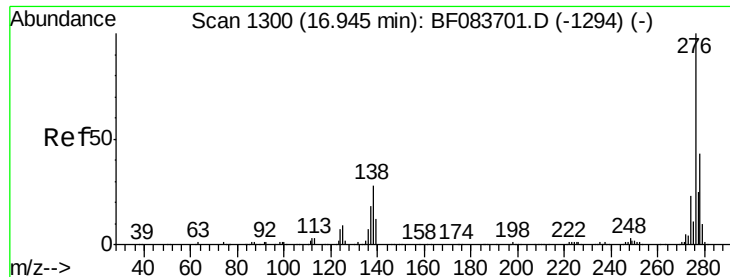
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#84
 Di-n-octyl phthalate
 Concen: 42.32 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	504653		
167	1.5	0.0	0.0#	
43	9.7	0.0	0.0#	





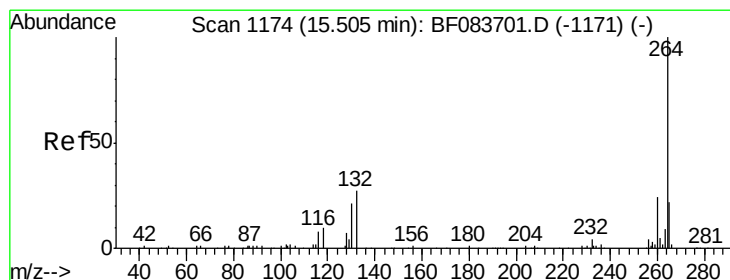
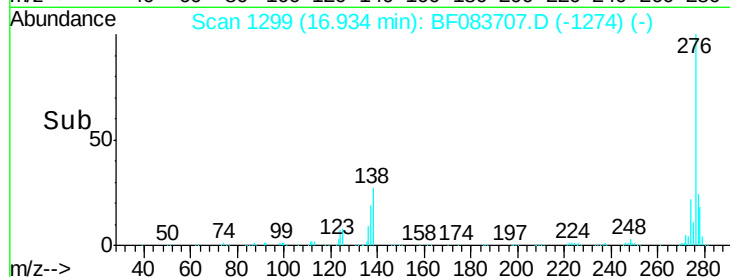
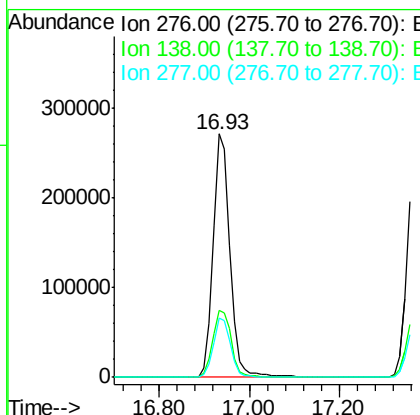
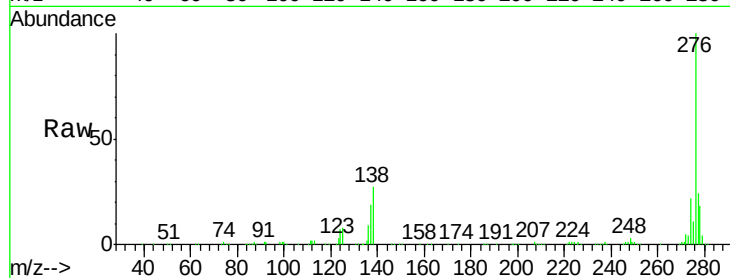
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.45 ng
 RT: 16.93 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.4	0.0	0.0#
277	25.2	0.0	0.0#

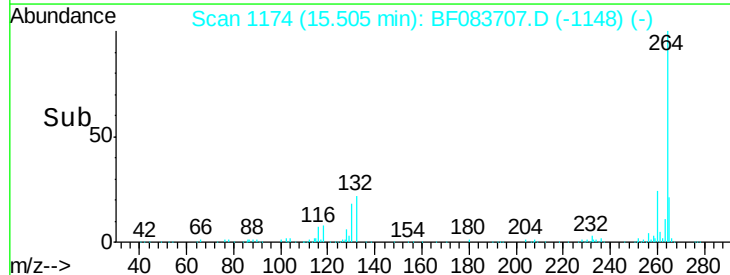
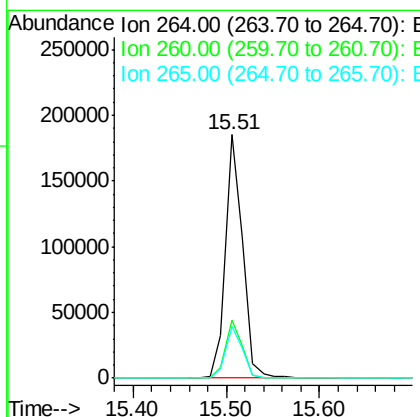
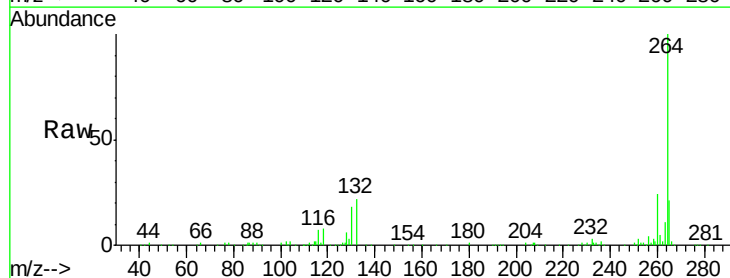
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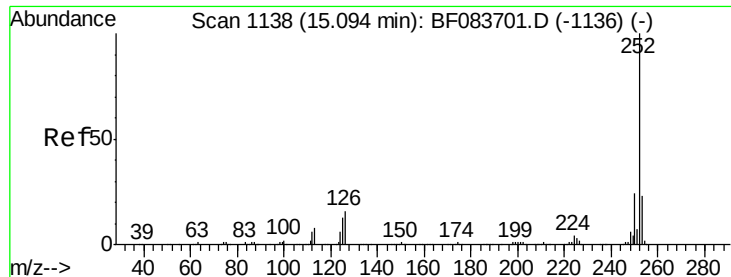
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.2	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 39.88 ng

RT: 15.09 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Instrument :

BNA_F

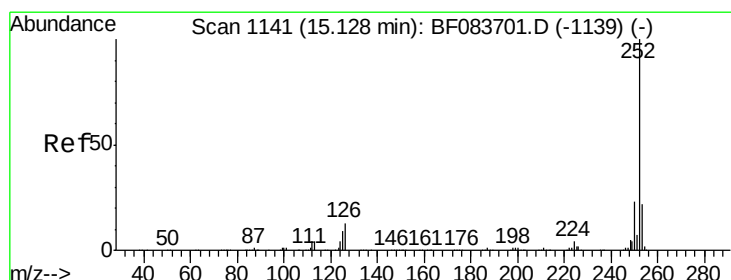
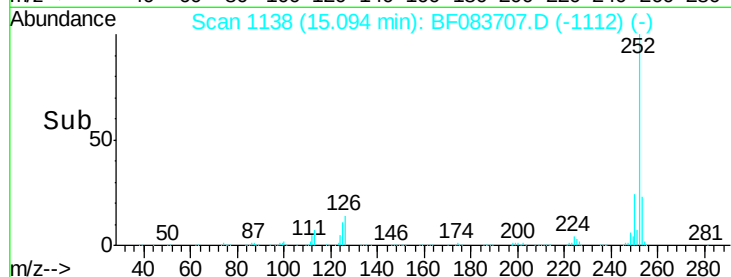
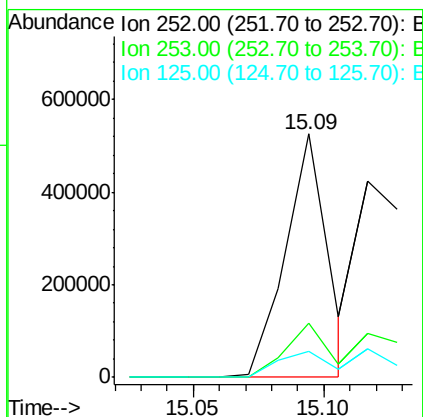
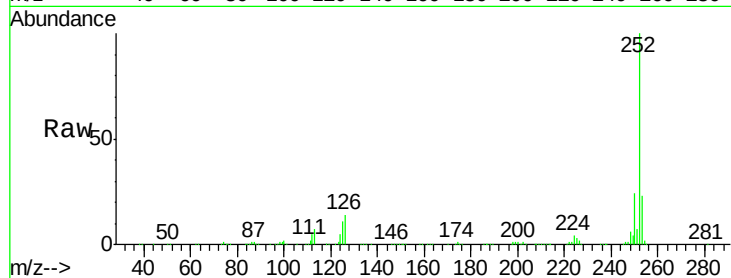
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	586891
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.4
125	10.7	8.2	12.4

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#88

Benzo(k)fluoranthene

Concen: 41.20 ng m

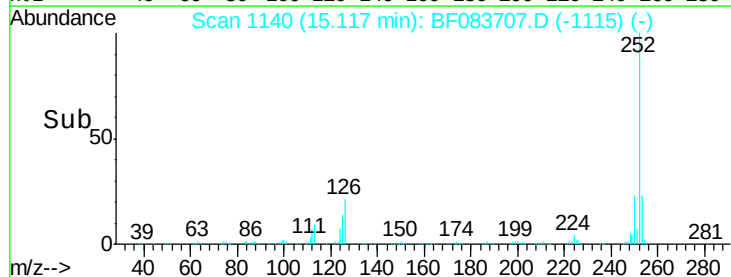
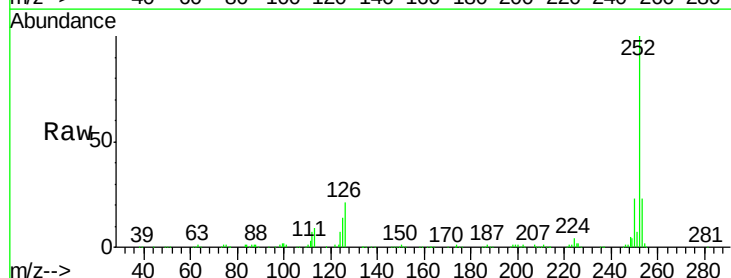
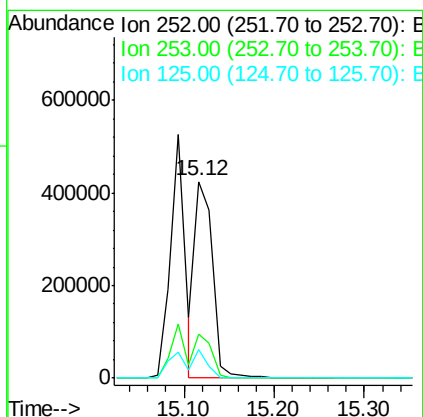
RT: 15.12 min Scan# 1140

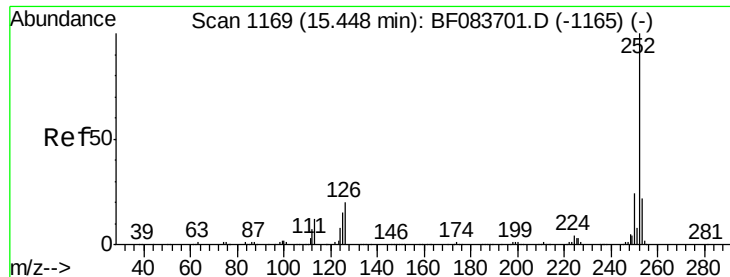
Delta R.T. -0.01 min

Lab File: BF083707.D

Acq: 11 Dec 2015 21:00

Tgt Ion:	252	Resp:	578209
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.6	27.8
125	14.3	11.5	17.3





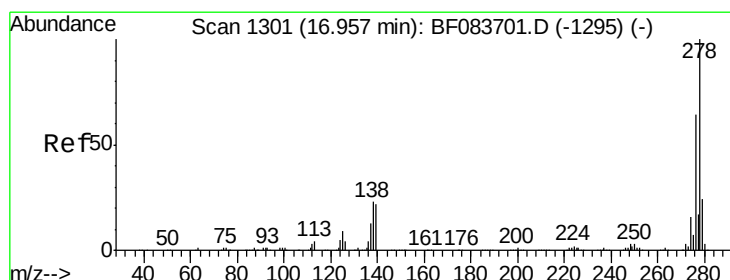
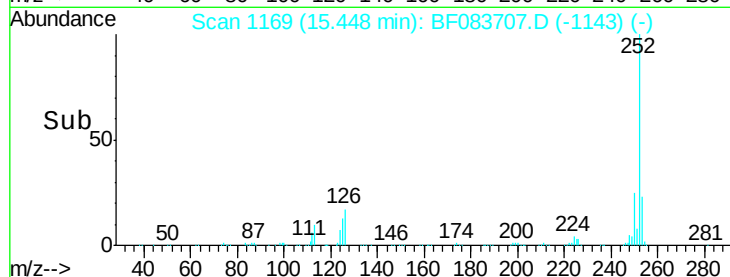
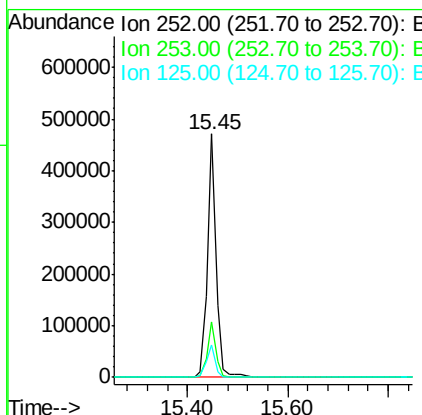
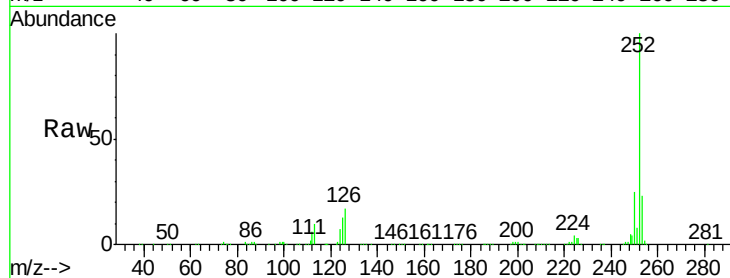
#89
Benzo(a)pyrene
Concen: 42.25 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.1	11.0	16.6

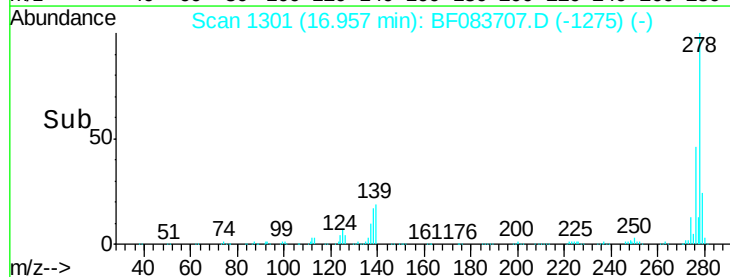
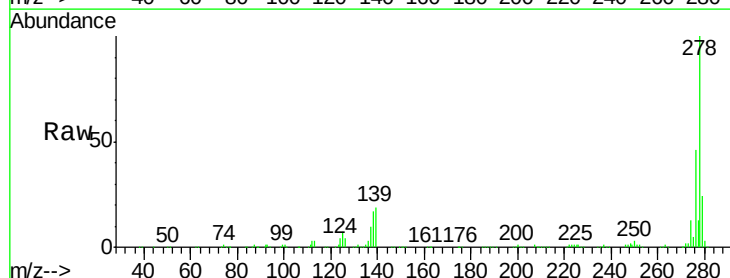
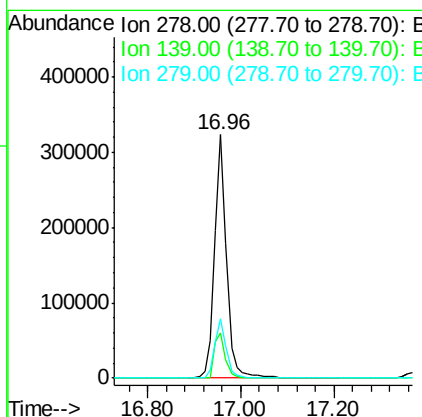
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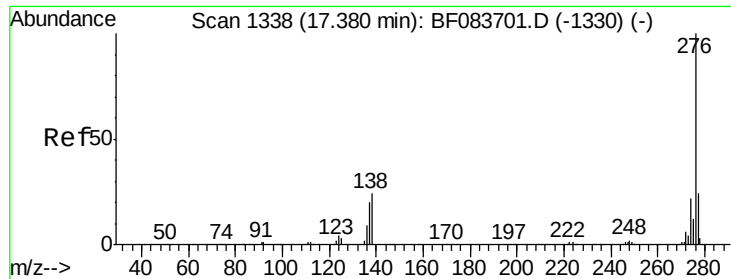
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#90
Dibenzo(a,h)anthracene
Concen: 43.98 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF083707.D
Acq: 11 Dec 2015 21:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	12.8	19.2
279	24.2	18.6	28.0





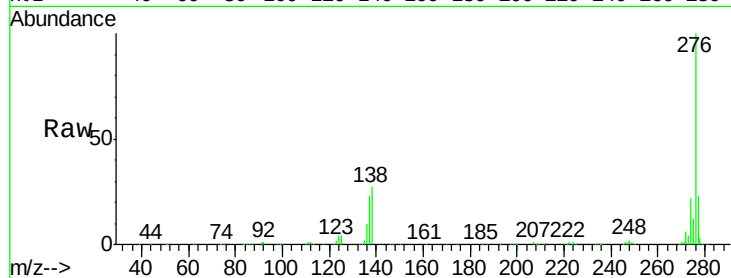
#91
 Benzo(a,h,i)perylene
 Concen: 43.69 ng
 RT: 17.37 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF083707.D
 Acq: 11 Dec 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	610741
Ion Ratio		Lower	Upper
276	100		
277	23.3	19.2	28.8
138	26.6	19.5	29.3

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

