

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083729.D
 Acq On : 13 Dec 2015 15:14
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:33 PM

Quant Time: Dec 14 01:18:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 00:56:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	121914	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	475956	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	225208	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	416291	20.00	ng	0.00
75) Chrysene-d12	14.07	240	287206	20.00	ng	0.00
86) Perylene-d12	15.49	264	210713	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	617374	78.86	ng	0.00
7) Phenol-d6	6.54	99	802139	81.60	ng	0.00
23) Nitrobenzene-d5	7.48	82	727454	101.00	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	184574	86.08	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1278926	82.94	ng	0.00
78) Terphenyl-d14	13.01	244	1062328	82.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	157112	40.63	ng	100
3) Pyridine	3.30	79	410128	41.00	ng	100
4) n-Nitrosodimethylamine	3.24	42	150967	37.53	ng	100
6) Aniline	6.58	93	558866	41.66	ng	100
8) 2-Chlorophenol	6.70	128	397974	45.19	ng	100
9) Benzaldehyde	6.46	77	229319	42.44	ng	100
10) Phenol	6.56	94	471346	40.84	ng	100
11) bis(2-Chloroethyl)ether	6.65	93	316255	38.75	ng	100
12) 1,3-Dichlorobenzene	6.86	146	414815	42.96	ng	100
13) 1,4-Dichlorobenzene	6.93	146	391554	40.86	ng	100
14) 1,2-Dichlorobenzene	7.09	146	385378	42.93	ng	100
15) Benzyl Alcohol	7.06	79	325260	46.00	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	438359	38.46	ng	100
17) 2-Methylphenol	7.17	107	311816	44.09	ng	100
18) Hexachloroethane	7.44	117	144140	43.89	ng	100
19) n-Nitroso-di-n-propylamine	7.33	70	229646	40.68	ng	100
20) 3+4-Methylphenols	7.32	107	345199	40.48	ng	100
22) Acetophenone	7.33	105	501658	43.27	ng	100
24) Nitrobenzene	7.49	77	367030	46.30	ng	100
25) Isophorone	7.74	82	716968	44.80	ng	100
26) 2-Nitrophenol	7.81	139	173894	51.60	ng	100
27) 2,4-Dimethylphenol	7.86	122	354151	44.50	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	389379	43.42	ng	100
29) 2,4-Dichlorophenol	8.05	162	286617	44.09	ng	100
30) 1,2,4-Trichlorobenzene	8.14	180	294749	41.20	ng	100
31) Naphthalene	8.22	128	1026741	43.51	ng	100
32) Benzoic acid	7.96	122	220973	49.21	ng	100
33) 4-Chloroaniline	8.27	127	464490	46.13	ng	100
34) Hexachlorobutadiene	8.35	225	167618	41.93	ng	100
35) Caprolactam	8.64	113	93262	43.93	ng	100
36) 4-Chloro-3-methylphenol	8.75	107	363430	49.22	ng	100
37) 2-Methylnaphthalene	8.91	142	641564	42.64	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	267981	38.95	ng	100
40) Hexachlorocyclopentadiene	9.08	237	152643	45.39	ng	100

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Instrument :
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Quant Time: Dec 14 01:18:32 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	202832	42.45	nq	100
43) 2,4,5-Trichlorophenol	9.23	196	210112	44.37	nq	100
45) 1,1'-Biphenyl	9.38	154	822161	42.19	nq	100
46) 2-Chloronaphthalene	9.40	162	598927	40.89	nq	100
47) 2-Nitroaniline	9.49	65	201902	51.82	nq	100
48) Acenaphthylene	9.81	152	1013514	41.38	nq	100
49) Dimethylphthalate	9.68	163	707013	41.21	nq	100
50) 2,6-Dinitrotoluene	9.73	165	155411	45.94	nq	100
51) Acenaphthene	10.00	154	620830	42.34	nq	100
52) 3-Nitroaniline	9.90	138	202975	50.84	nq	100
53) 2,4-Dinitrophenol	10.01	184	56161	61.02	nq	100
54) Dibenzofuran	10.16	168	799226	41.36	nq	100
55) 4-Nitrophenol	10.05	139	160173	48.23	nq	100
56) 2,4-Dinitrotoluene	10.13	165	202596	46.75	nq	100
57) Fluorene	10.50	166	603261	39.81	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	143531	41.95	nq	100
59) Diethylphthalate	10.37	149	754354	45.75	nq	100
60) 4-Chlorophenyl-phenylether	10.50	204	315327	42.86	nq	100
61) 4-Nitroaniline	10.51	138	158628	44.29	nq	100
62) Azobenzene	10.65	77	706774	44.63	nq	100
64) 4,6-Dinitro-2-methylphenol	10.54	198	114404	74.26	nq	100
65) n-Nitrosodiphenylamine	10.61	169	630194	44.63	nq	100
66) 4-Bromophenyl-phenylether	10.98	248	193457	43.04	nq	100
67) Hexachlorobenzene	11.06	284	205141	41.99	nq	100
68) Atrazine	11.14	200	193801	47.43	nq	100
69) Pentachlorophenol	11.24	266	130226	47.25	nq	100
70) Phenanthrene	11.46	178	893164	39.78	nq	100
71) Anthracene	11.52	178	989016	41.60	nq	100
72) Carbazole	11.66	167	944330	42.80	nq	100
73) Di-n-butylphthalate	12.00	149	1041522	43.86	nq	100
74) Fluoranthene	12.65	202	1004864	41.54	nq	100
76) Benzidine	12.76	184	438100	40.28	nq	100
77) Pyrene	12.87	202	959739	41.97	nq	100
79) Butylbenzylphthalate	13.49	149	459823	59.58	nq	100
80) Benzo(a)anthracene	14.05	228	694286	41.28	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	263109	47.88	nq	100
82) Chrysene	14.09	228	675593	41.92	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	498565	59.70	nq	100
84) Di-n-octyl phthalate	14.66	149	776199	60.28	nq	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	637868	41.83	nq	100
87) Benzo(b)fluoranthene	15.08	252	559845	42.12	nq	100
88) Benzo(k)fluoranthene	15.12	252	594237m	46.71	nq	
89) Benzo(a)pyrene	15.44	252	523846	43.72	nq	100
90) Dibenzo(a,h)anthracene	16.95	278	532287	45.21	nq	100
91) Benzo(g,h,i)perylene	17.36	276	549299	44.27	nq	100

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

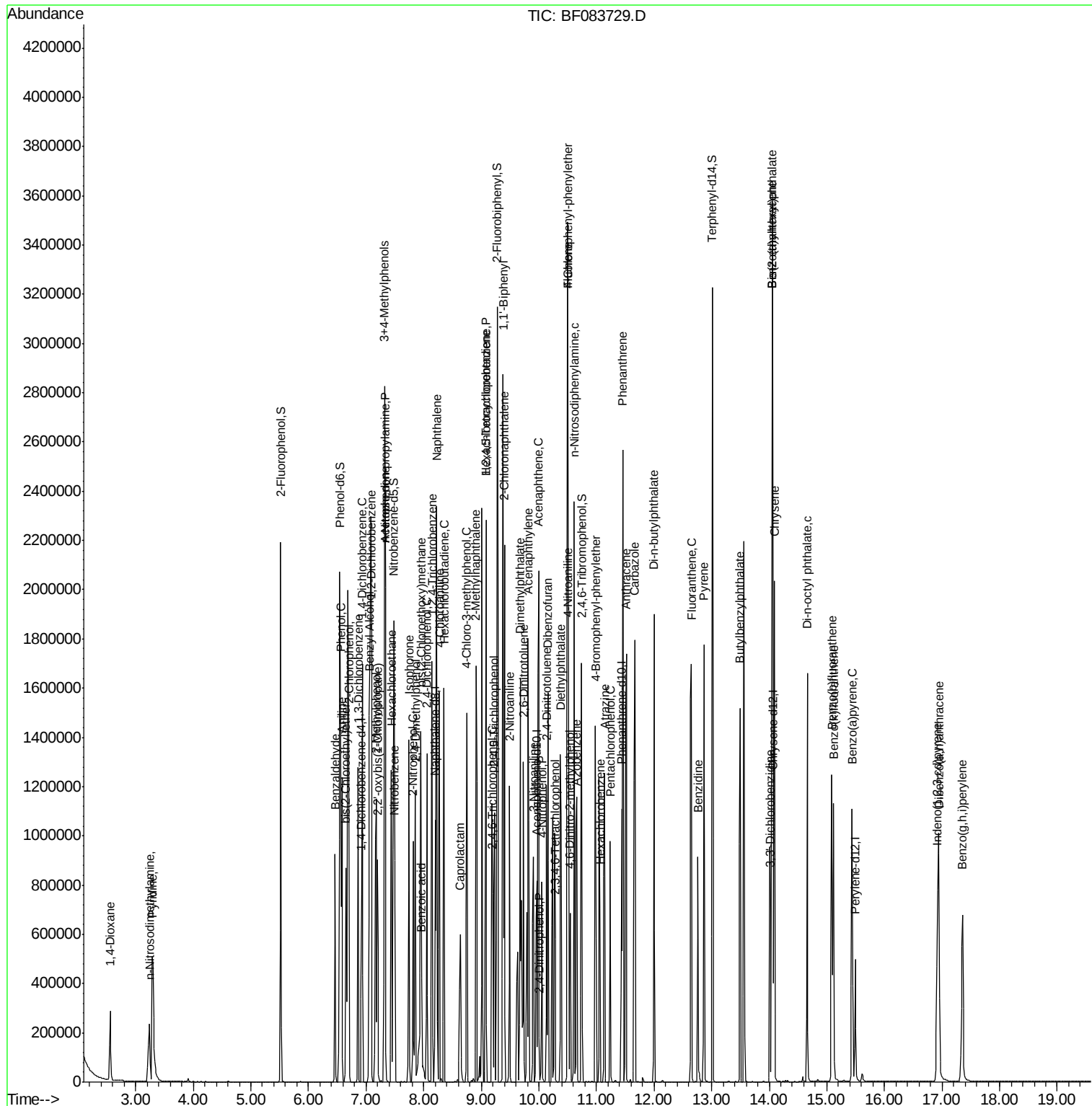
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\  
Data File : BF083729.D  
Acq On    : 13 Dec 2015   15:14  
Operator  : UM/IZ  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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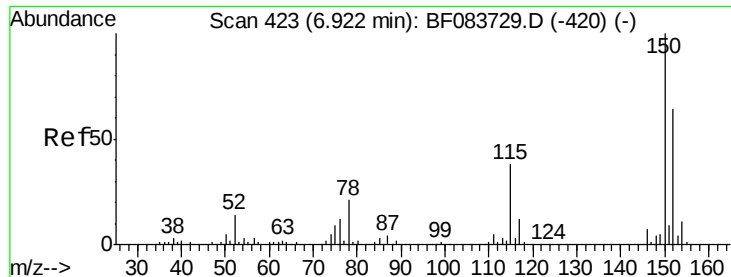
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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#1

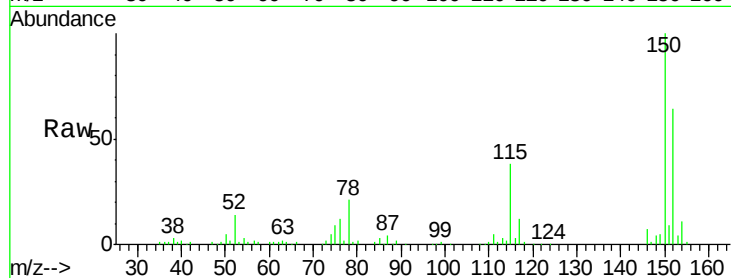
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	59.0	47.2	70.8

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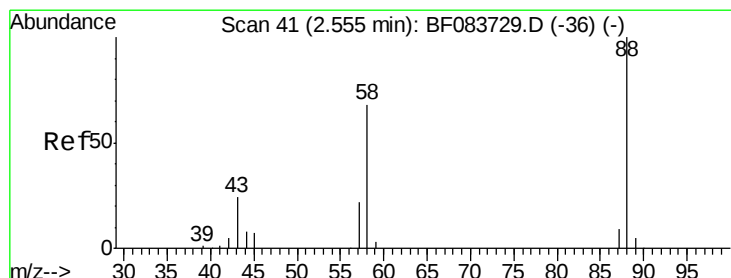
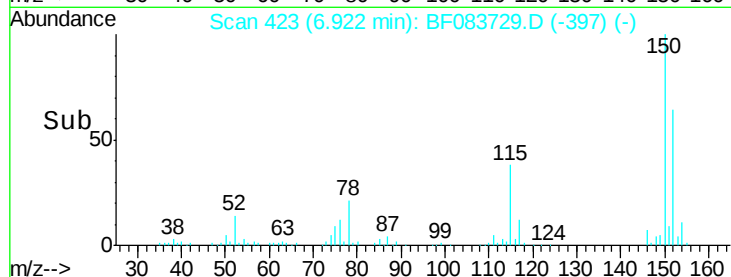
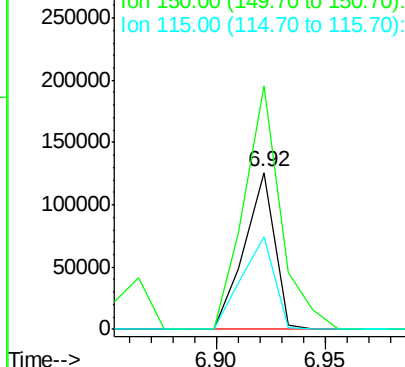


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

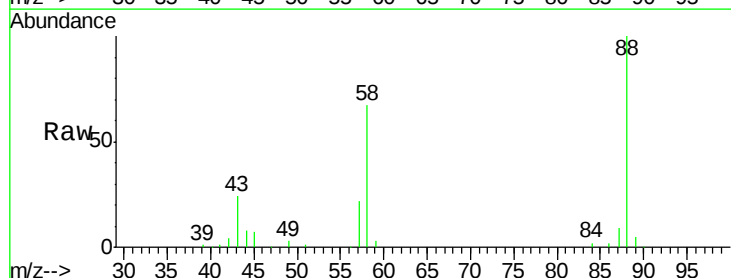
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.63 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	53.5	80.3
43	23.4	18.7	28.1

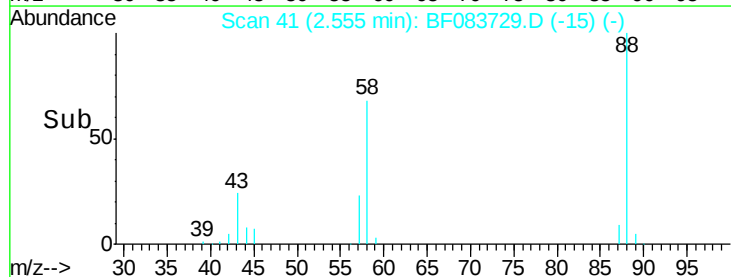
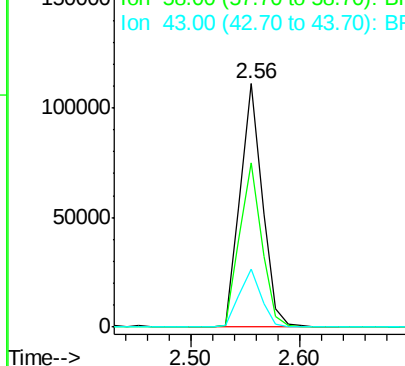


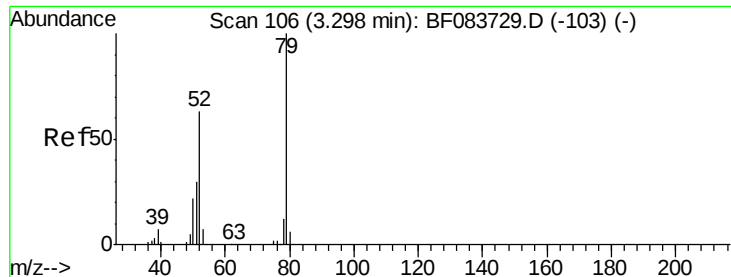
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.00 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

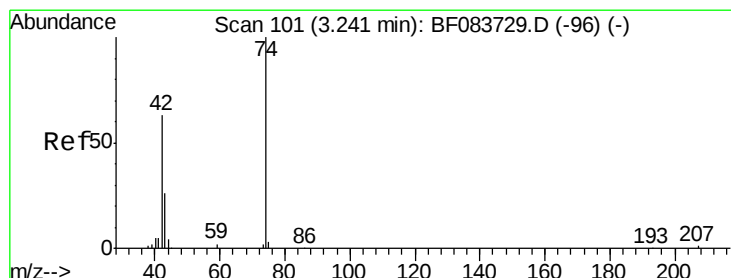
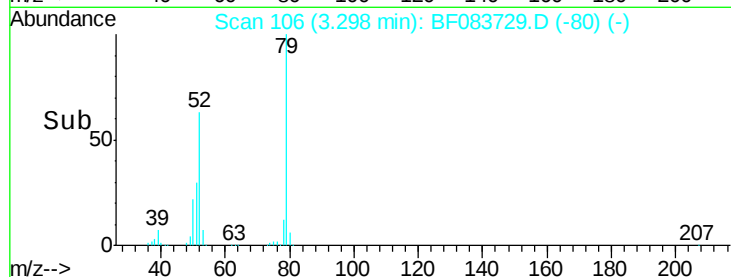
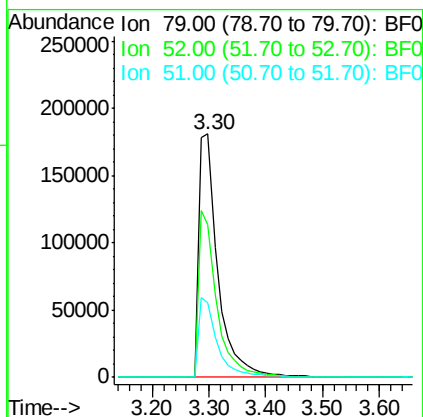
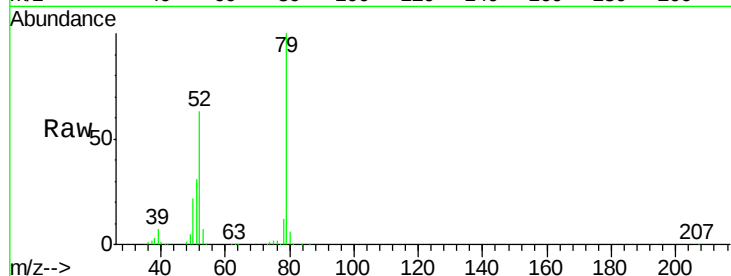
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	410128
Ion Ratio	Lower	Upper	
79	100		
52	62.8	50.2	75.4
51	30.5	24.4	36.6

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#4

n-Nitrosodimethylamine

Concen: 37.53 ng

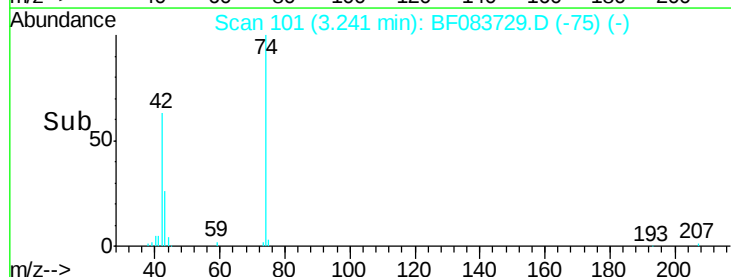
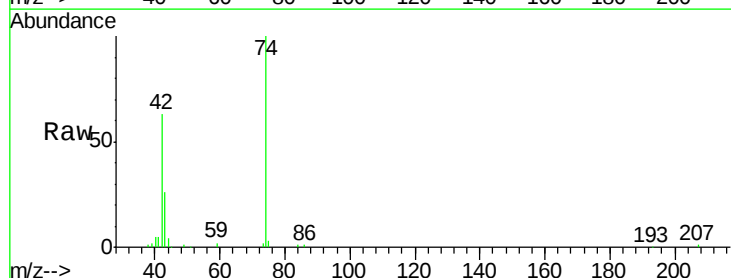
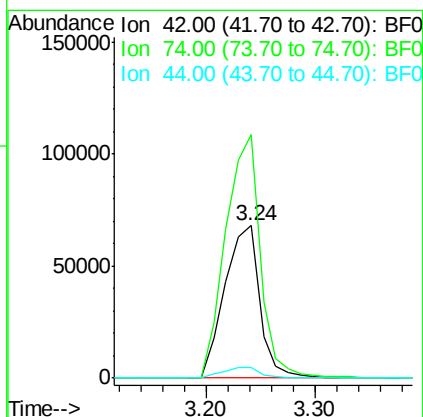
RT: 3.24 min Scan# 101

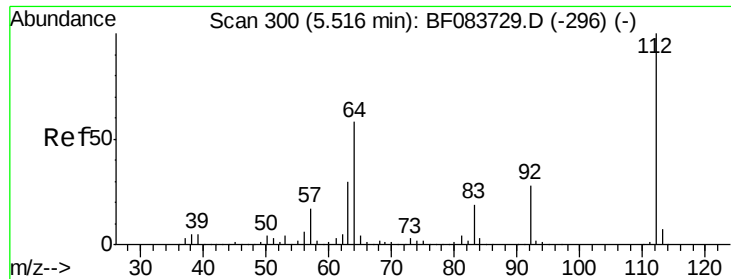
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	42	Resp:	150967
Ion Ratio	Lower	Upper	
42	100		
74	160.0	128.0	192.0
44	6.8	5.4	8.2





#5

2-Fluorophenol

Concen: 78.86 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

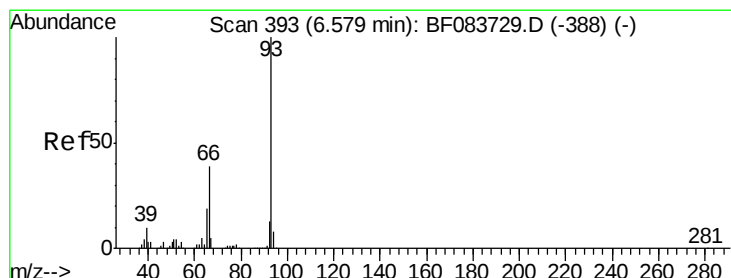
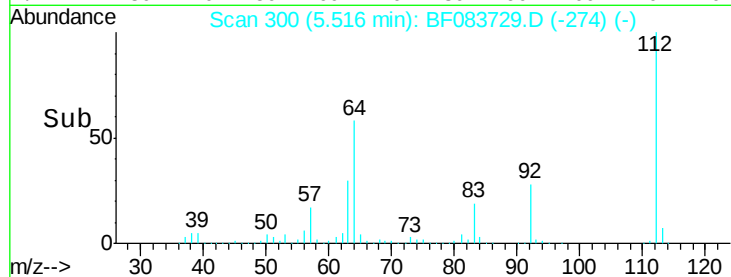
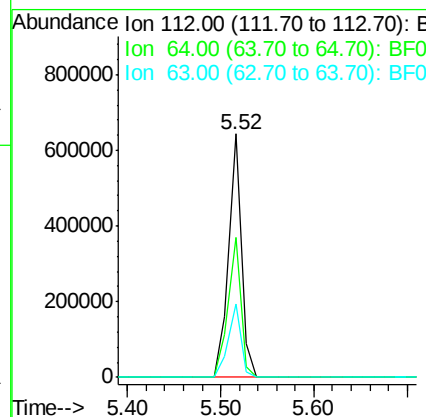
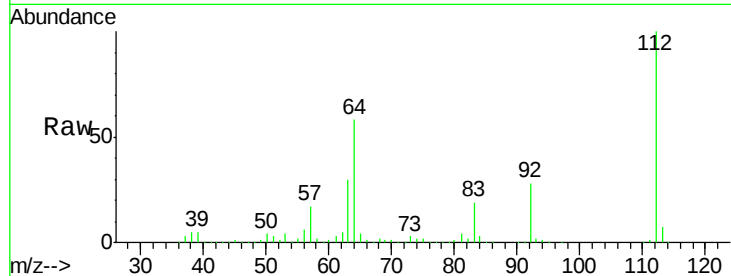
ClientSampleId :

SSTDICCC040

Tot Ion:	112	Resp:	617374
Ion Ratio	Lower	Upper	
112	100		
64	57.6	46.1	69.1
63	30.1	24.1	36.1

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#6

Aniline

Concen: 41.66 ng

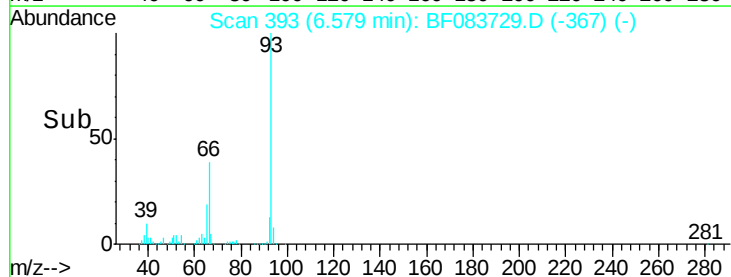
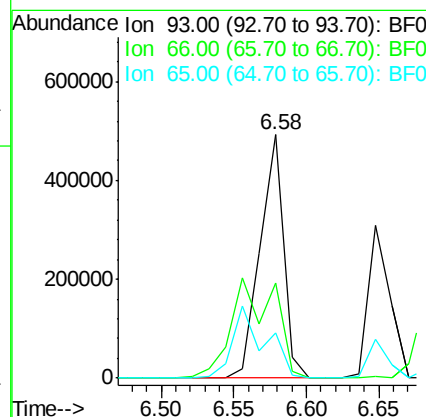
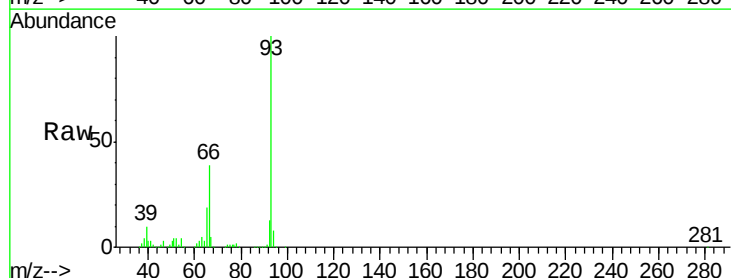
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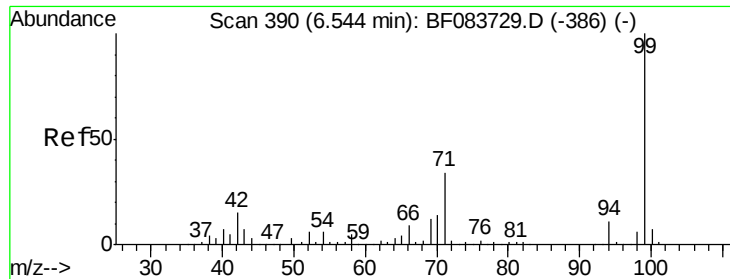
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	93	Resp:	558866
Ion Ratio	Lower	Upper	
93	100		
66	39.0	31.2	46.8
65	18.6	14.9	22.3





#7

Phenol-d6

Concen: 81.60 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

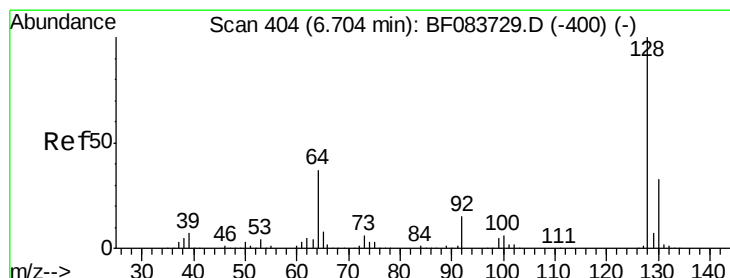
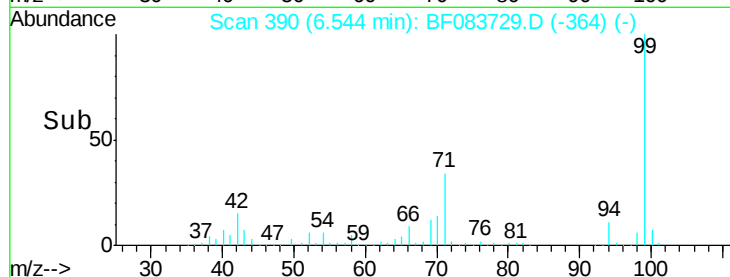
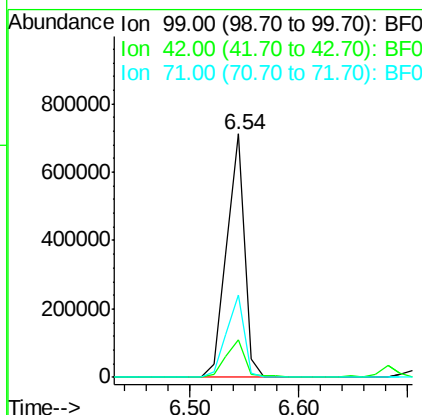
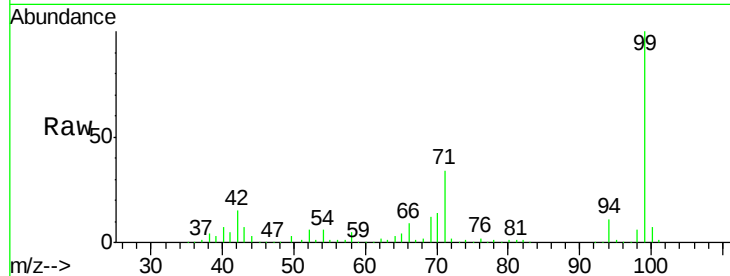
ClientSampleId :

SSTDICCC040

Tot Ion:	99	Resp:	802139
Ion Ratio	Lower	Upper	
99	100		
42	15.2	12.2	18.2
71	33.6	26.9	40.3

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#8

2-Chlorophenol

Concen: 45.19 ng

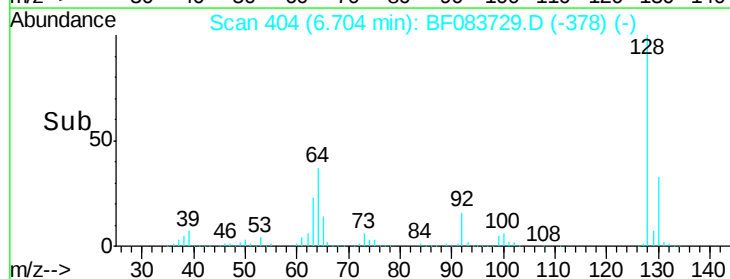
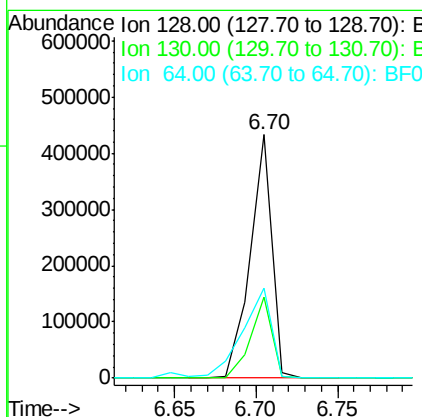
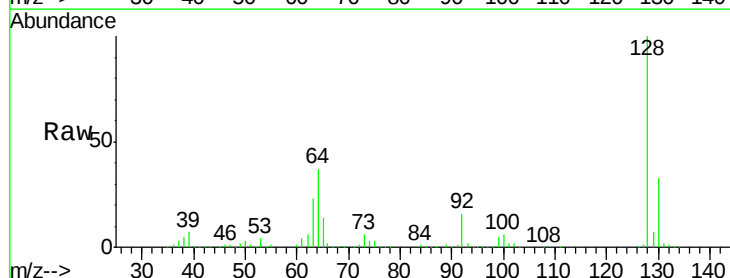
RT: 6.70 min Scan# 404

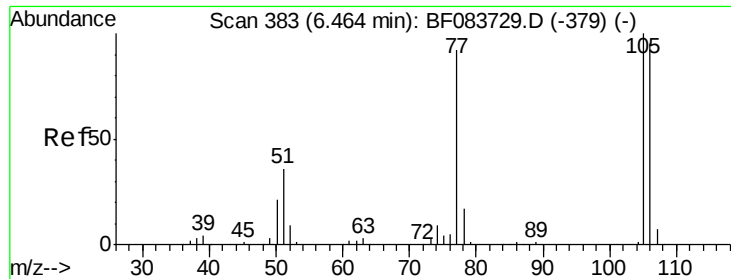
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	128	Resp:	397974
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.4	53.4
64	37.1	17.1	57.1





#9

Benzaldehyde

Concen: 42.44 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

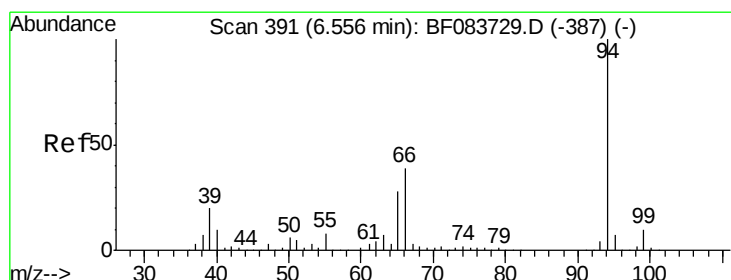
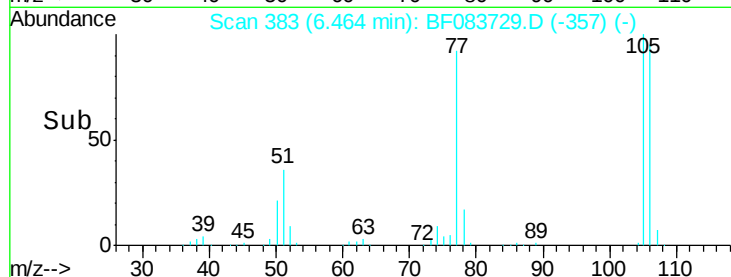
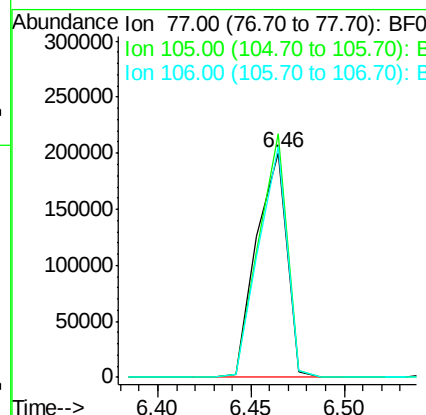
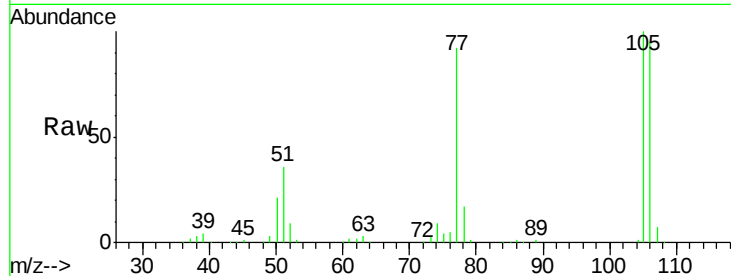
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	229319
Ion	Ratio	Lower	Upper
77	100		
105	108.5	88.5	128.5
106	102.8	82.8	122.8

Manual Integrations
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#10

Phenol

Concen: 40.84 ng

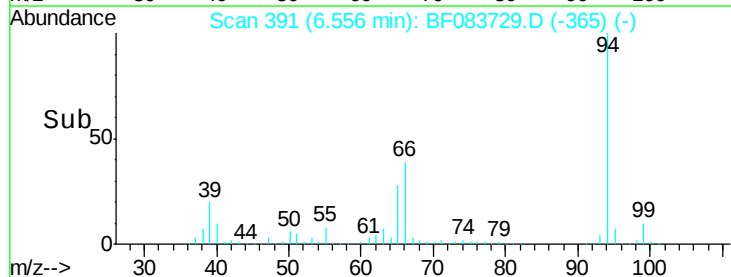
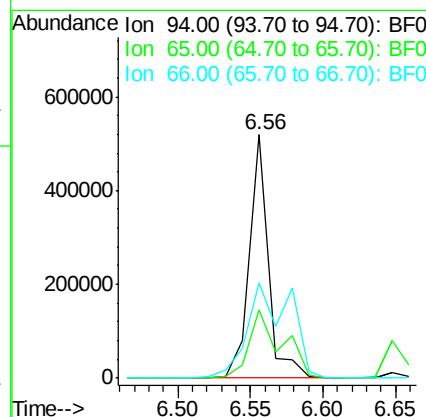
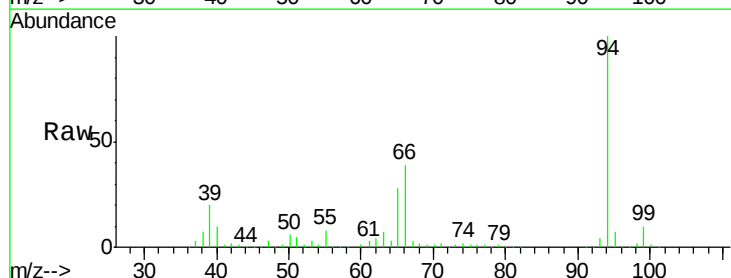
RT: 6.56 min Scan# 391

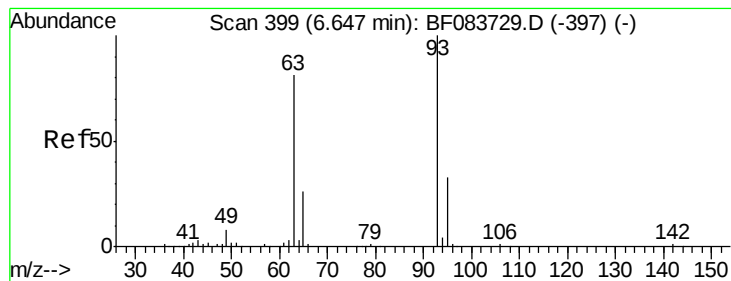
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	94	Resp:	471346
Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.0	48.0
66	39.1	19.1	59.1





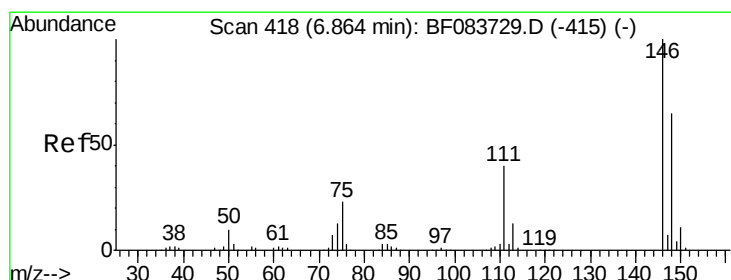
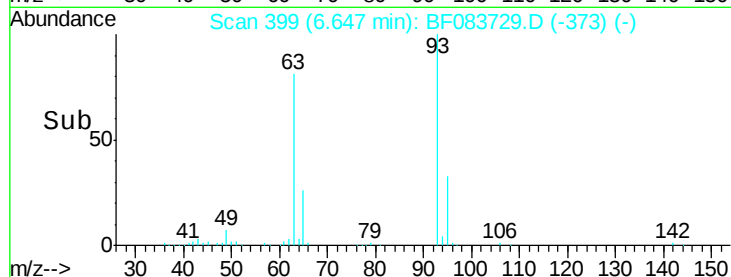
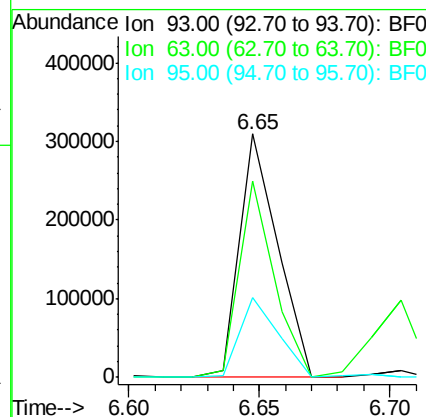
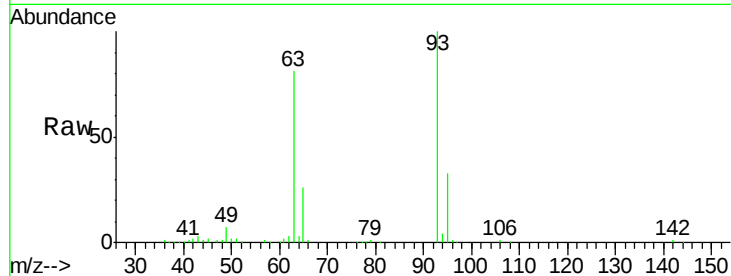
#11
bis(2-Chloroethyl)ether
Concen: 38.75 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.7	60.7	100.7
95	32.8	12.8	52.8

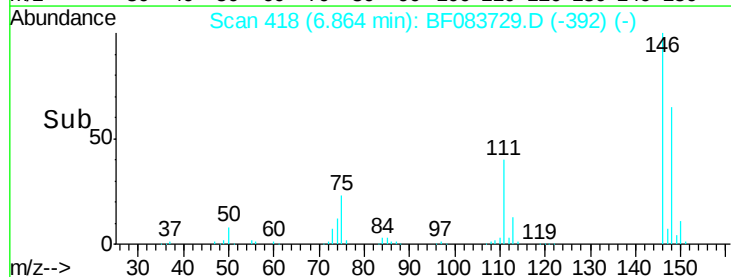
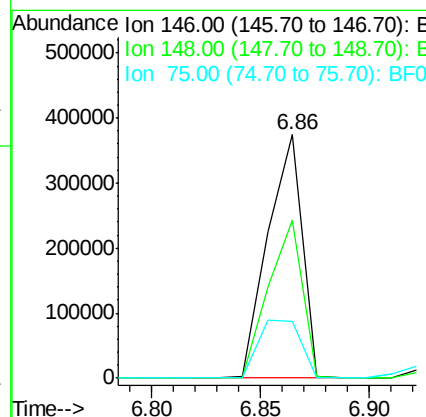
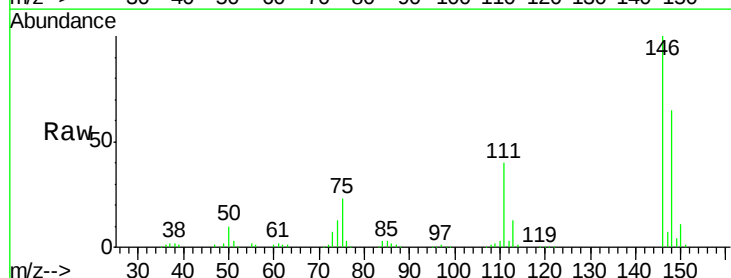
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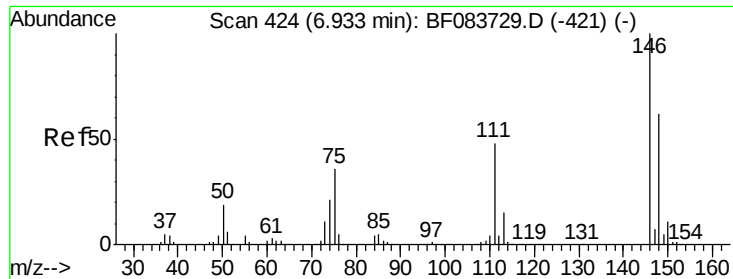
MMdadoda
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#12
1,3-Dichlorobenzene
Concen: 42.96 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
75	23.5	18.8	28.2





#13

1,4-Dichlorobenzene

Concen: 40.86 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

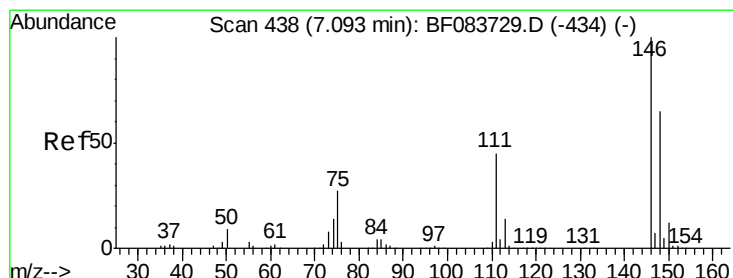
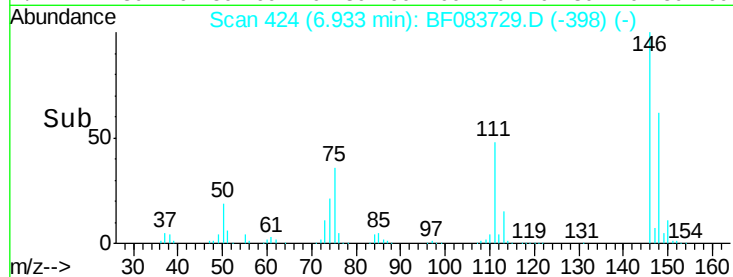
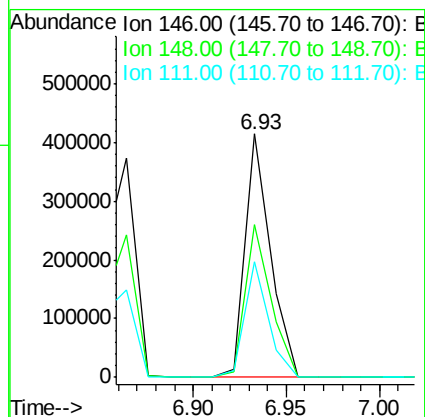
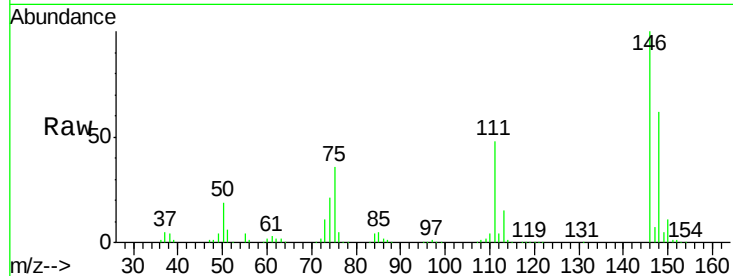
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	391554
Ion Ratio	Lower	Upper	
146	100		
148	62.5	50.0	75.0
111	47.6	38.1	57.1

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#14

1,2-Dichlorobenzene

Concen: 42.93 ng

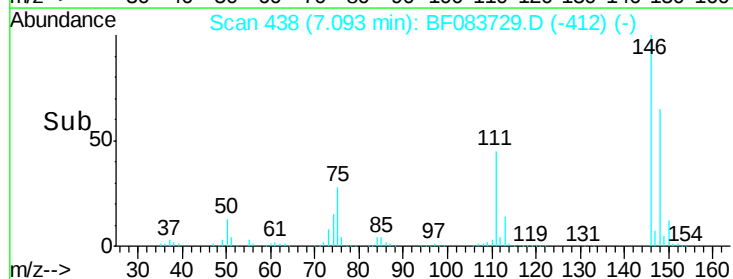
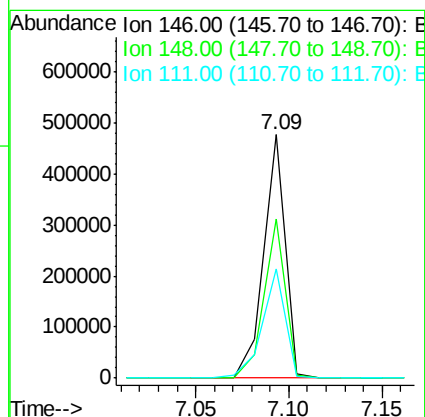
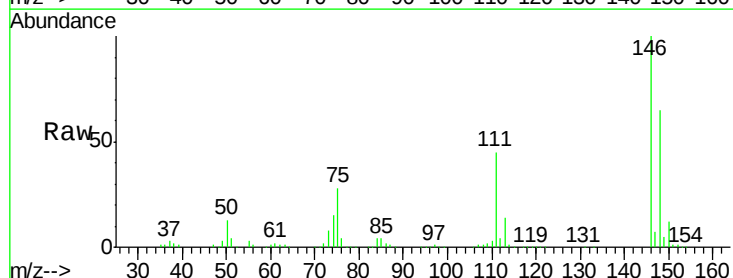
RT: 7.09 min Scan# 438

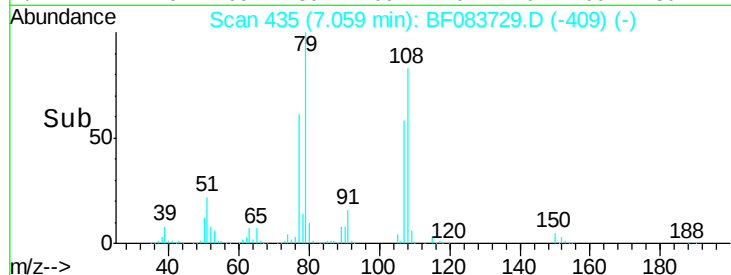
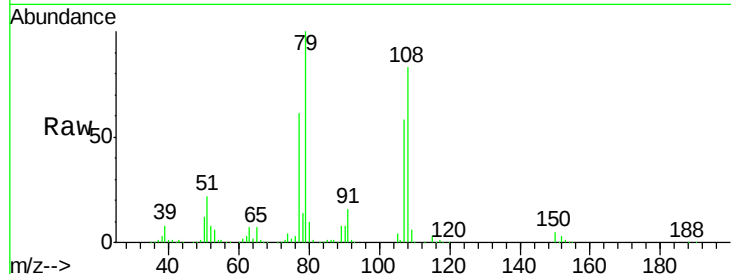
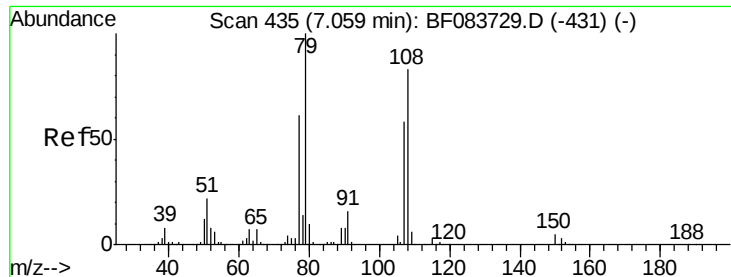
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	146	Resp:	385378
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.2	78.4
111	44.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 46.00 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083729.D

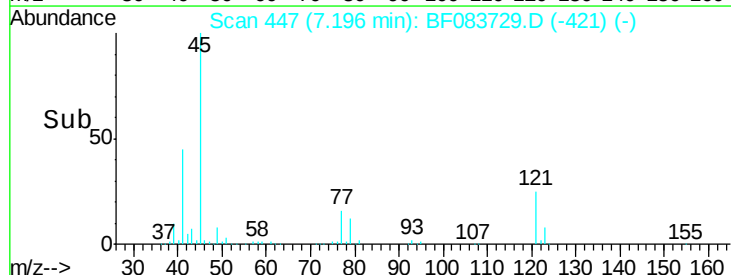
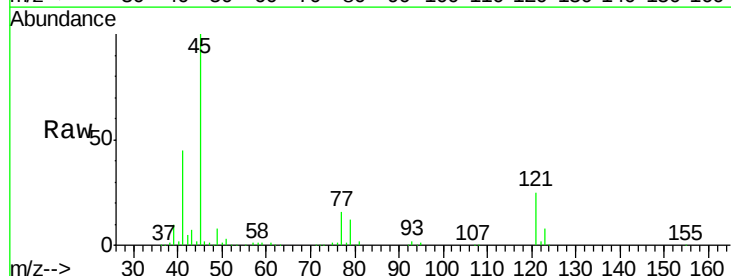
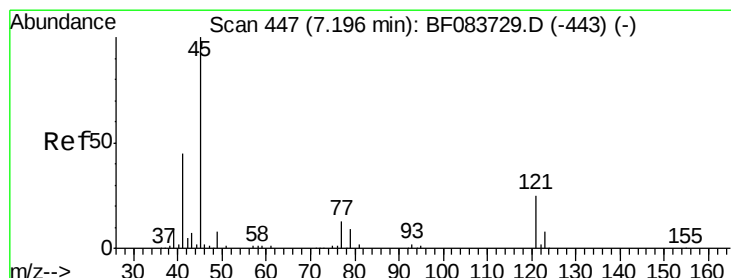
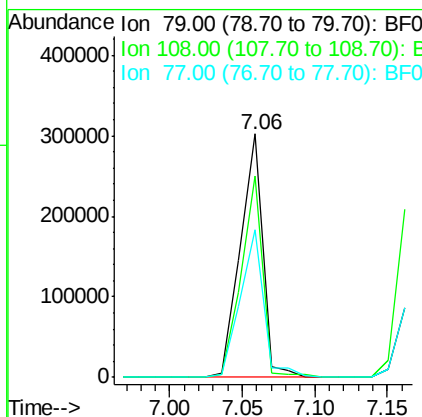
Acq: 13 Dec 2015 15:14

Tot Ion:	79	Resp:	325260
Ion Ratio	Lower	Upper	
79	100		
108	82.9	66.3	99.5
77	60.6	48.5	72.7

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.46 ng

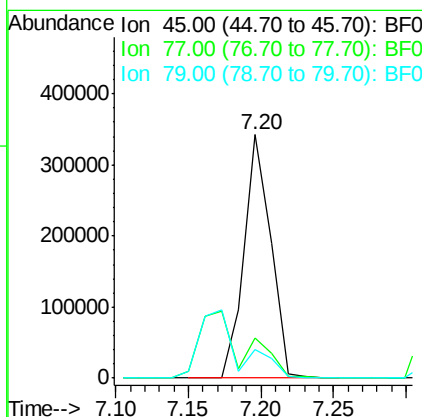
RT: 7.20 min Scan# 447

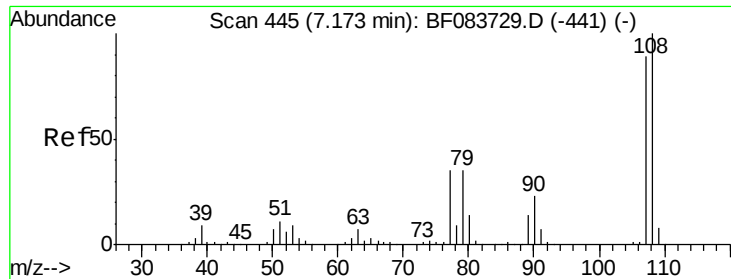
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	45	Resp:	438359
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	36.3
79	12.0	0.0	32.0





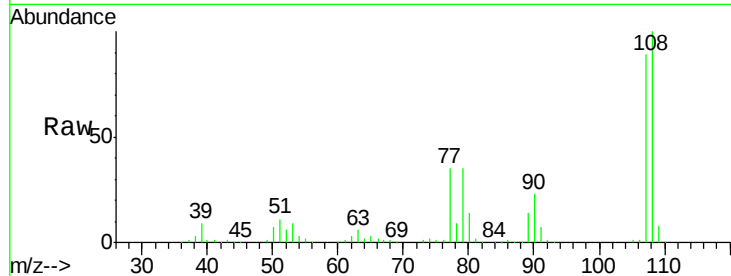
#17
2-Methylphenol
Concen: 44.09 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

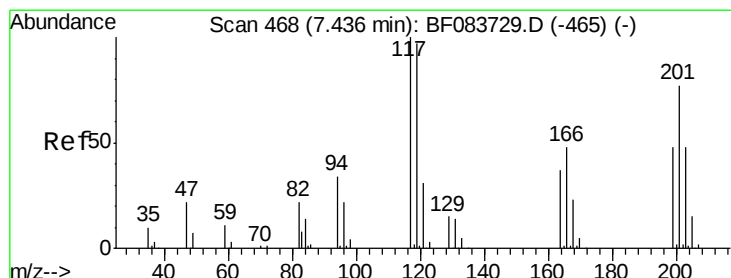
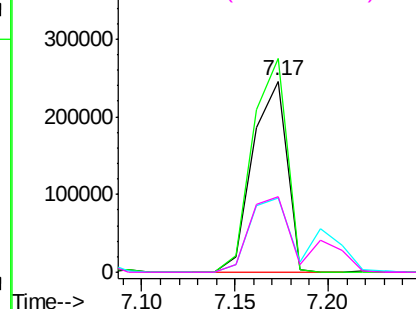
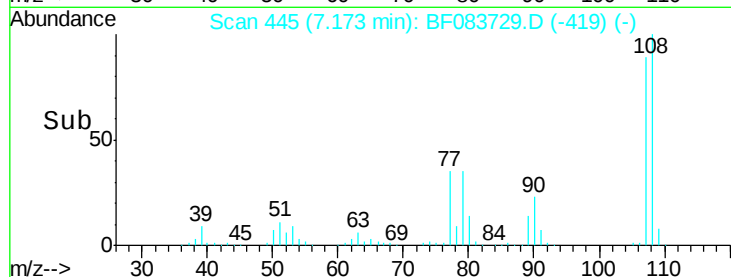
Tot Ion:	107	Resp:	311816
Ion Ratio	Lower	Upper	
107	100		
108	111.9	89.5	134.3
77	38.7	31.0	46.4
79	39.3	31.4	47.2

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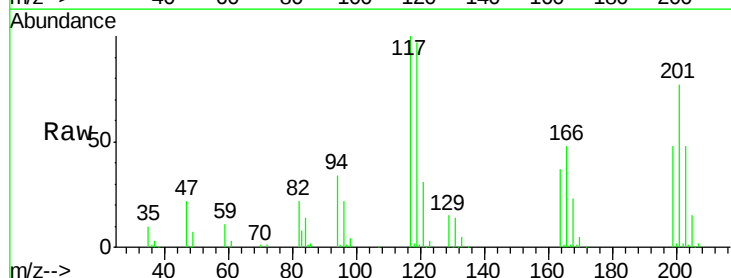


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

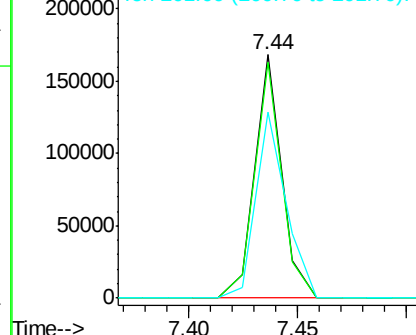
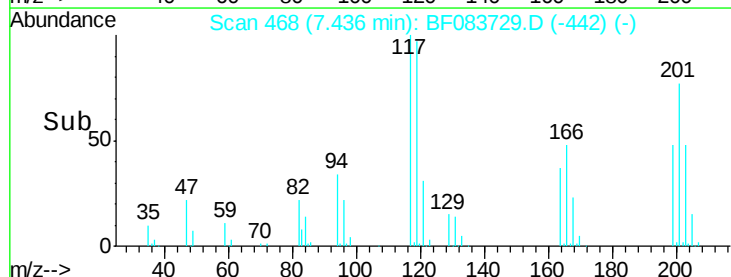


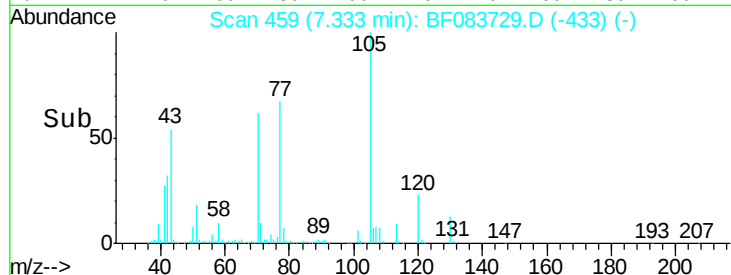
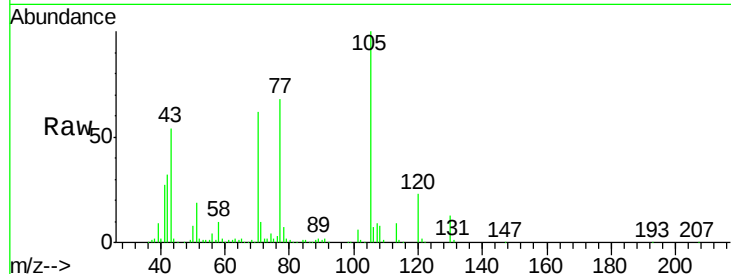
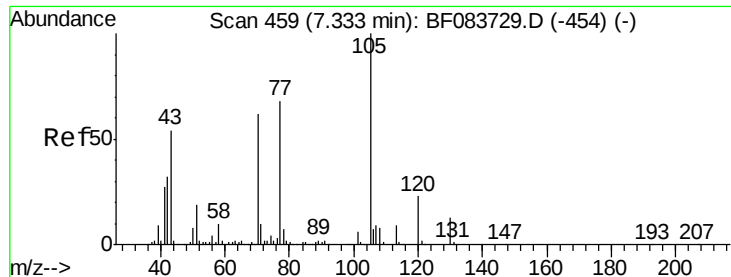
#18
Hexachloroethane
Concen: 43.89 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion:	117	Resp:	144140
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.4	116.0
201	76.6	61.3	91.9



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





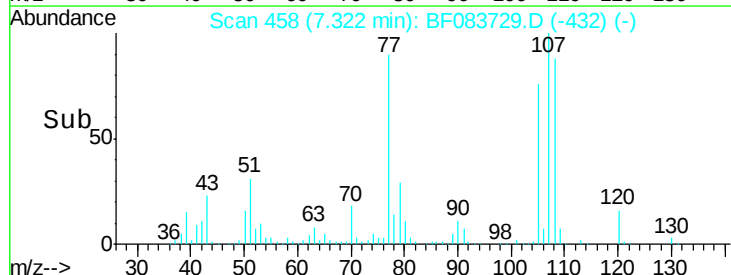
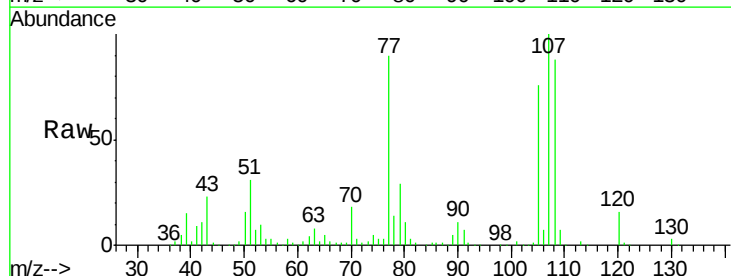
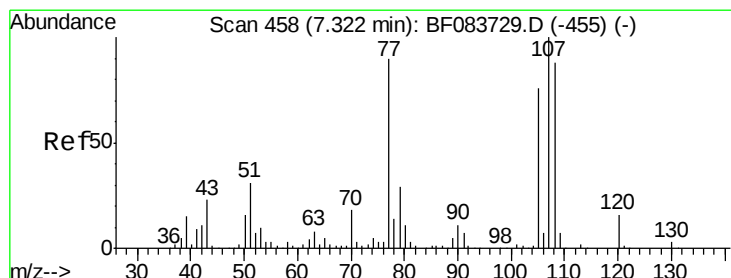
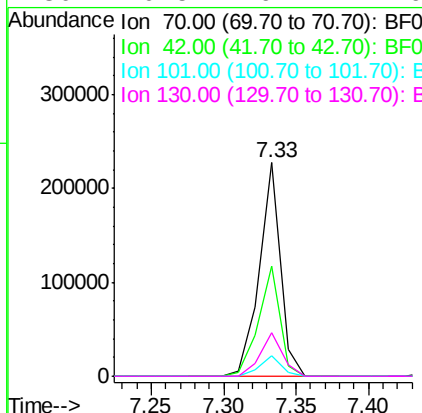
#19
n-Nitroso-di-n-propylamine
Concen: 40.68 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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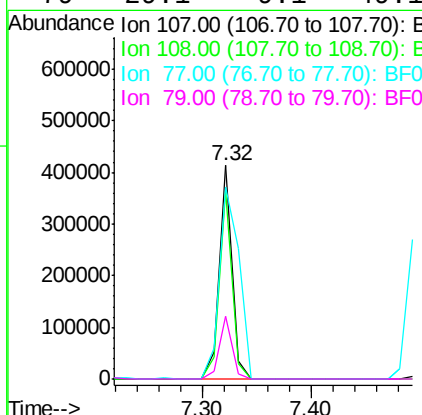
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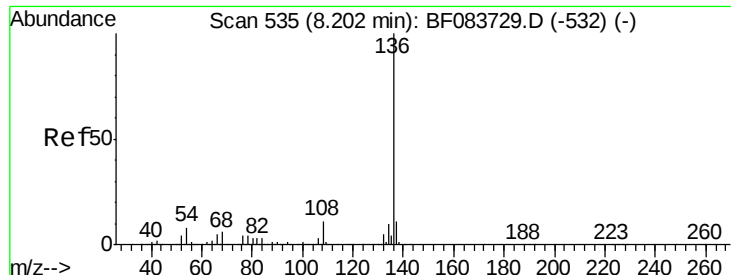
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.8	41.4	62.2	
101	9.6	7.7	11.5	
130	20.5	16.4	24.6	



#20
3+4-Methylphenols
Concen: 40.48 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	68.3	108.3	
77	89.9	69.9	109.9	
79	29.1	9.1	49.1	





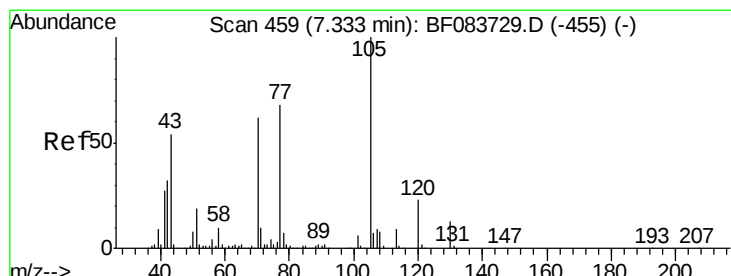
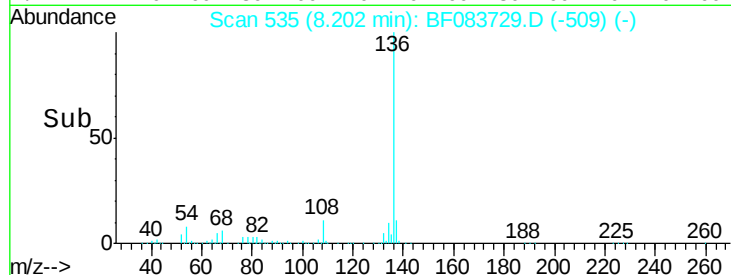
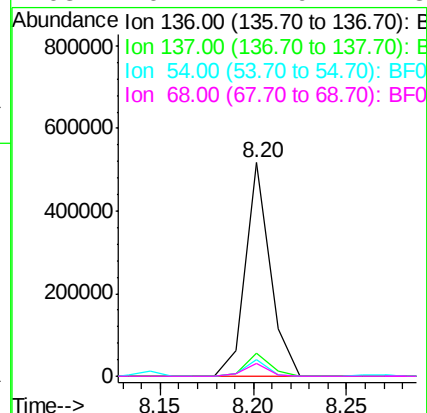
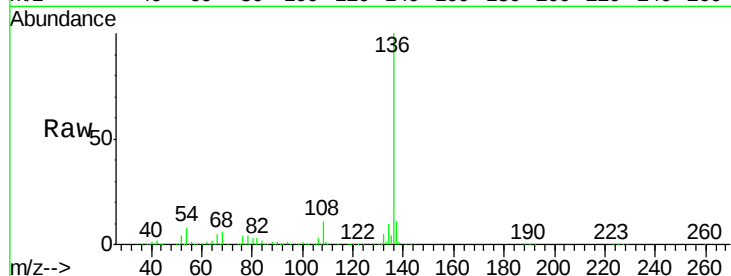
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		475956		
137	11.1		8.9	13.3	
54	8.1		6.5	9.7	
68	6.1		4.9	7.3	

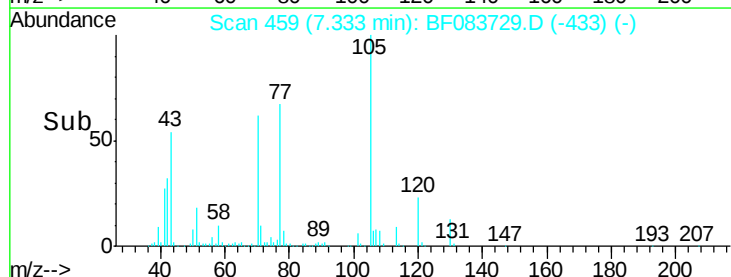
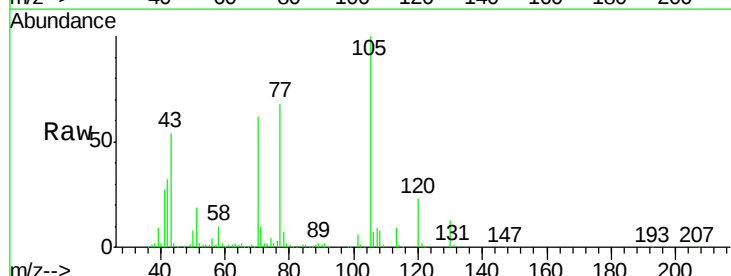
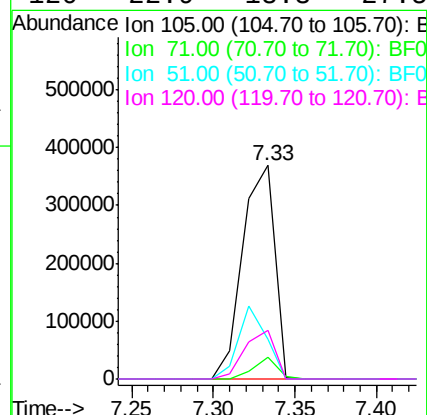
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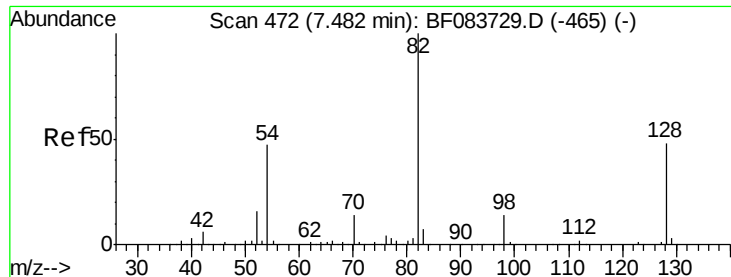
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#22
Acetophenone
Concen: 43.27 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		501658		
71	10.3		8.2	12.4	
51	18.8		15.0	22.6	
120	22.9		18.3	27.5	





#23

Nitrobenzene-d5

Concen: 101.00 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

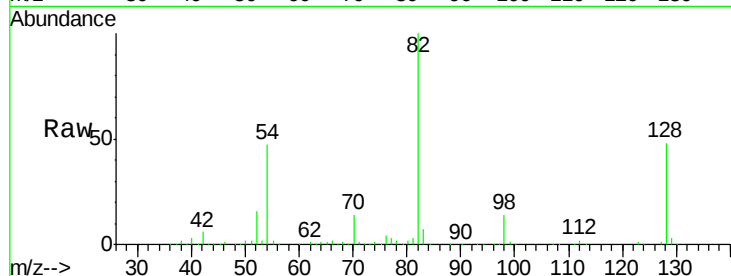
ClientSampleId :

SSTDICCC040

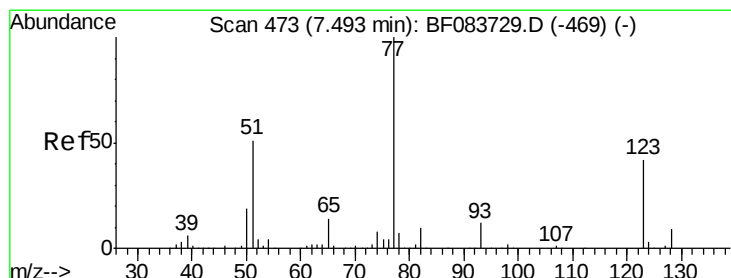
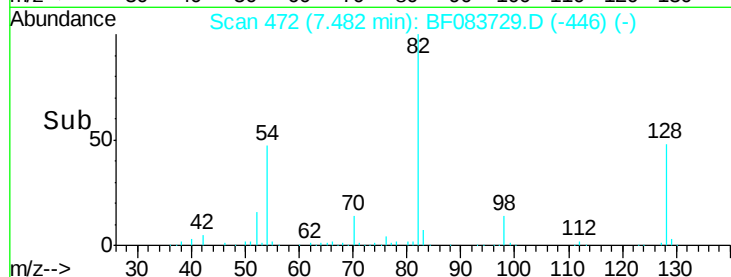
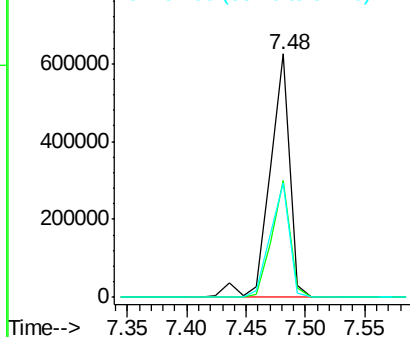
Tot Ion:	82	Resp:	727454
Ion Ratio	Lower	Upper	
82	100		
128	47.8	38.2	57.4
54	47.0	37.6	56.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 46.30 ng

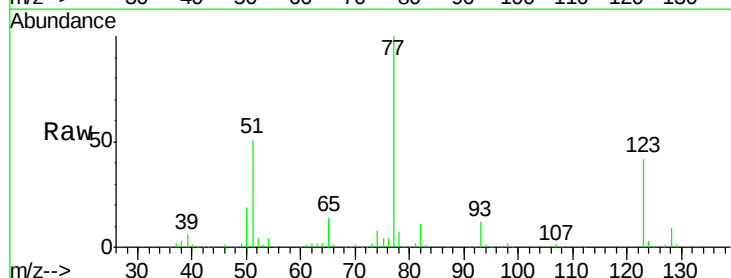
RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

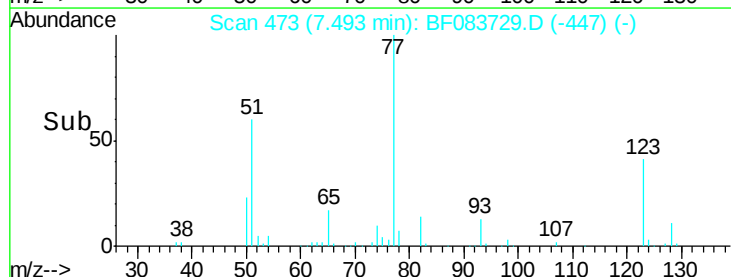
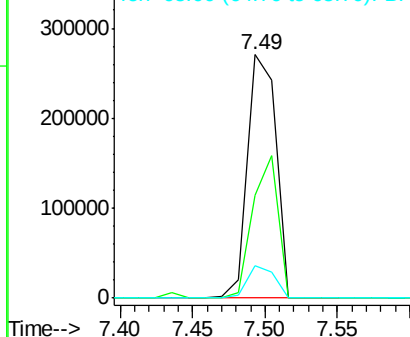
Lab File: BF083729.D

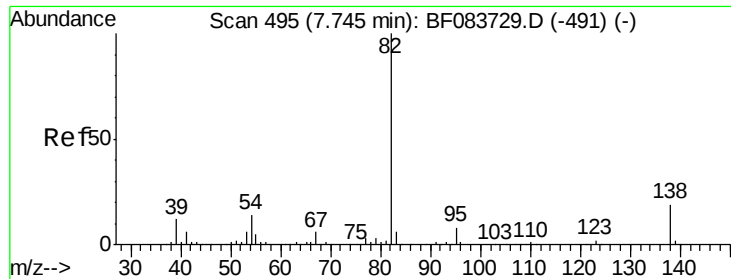
Acq: 13 Dec 2015 15:14

Tgt Ion:	77	Resp:	367030
Ion Ratio	Lower	Upper	
77	100		
123	42.1	33.7	50.5
65	13.5	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.80 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

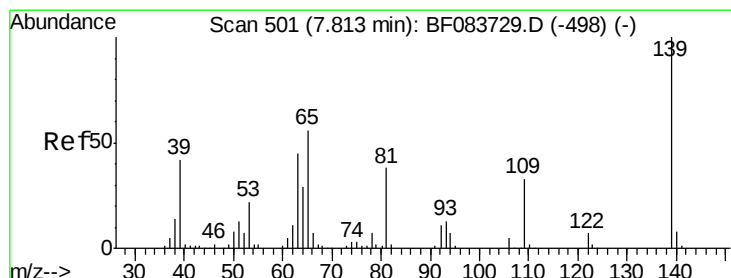
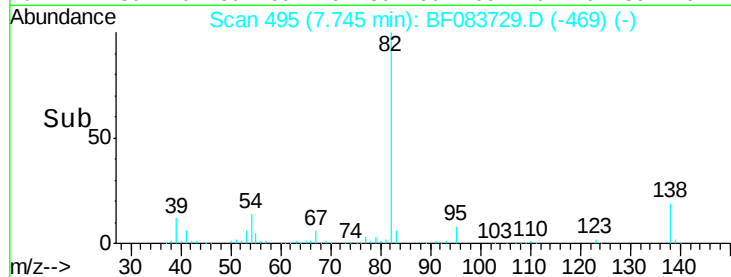
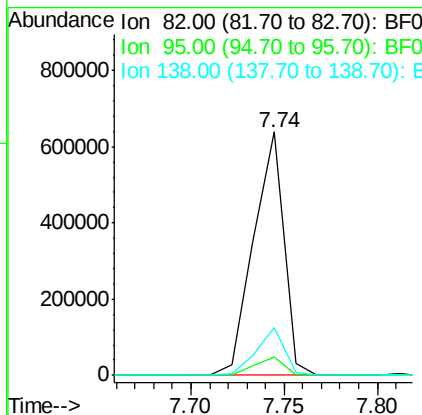
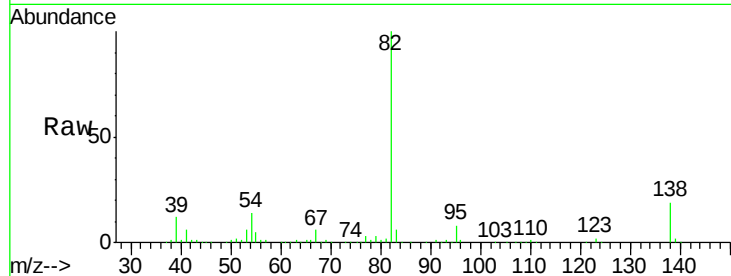
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	716968
Ion Ratio		Lower	Upper
82	100		
95	7.5	6.0	9.0
138	19.4	15.5	23.3

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12/14/2015 6:23:33 PM



#26

2-Nitrophenol

Concen: 51.60 ng

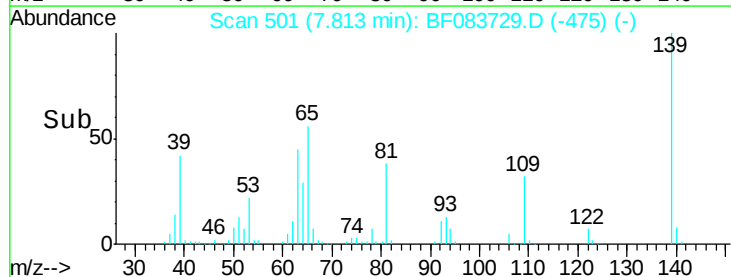
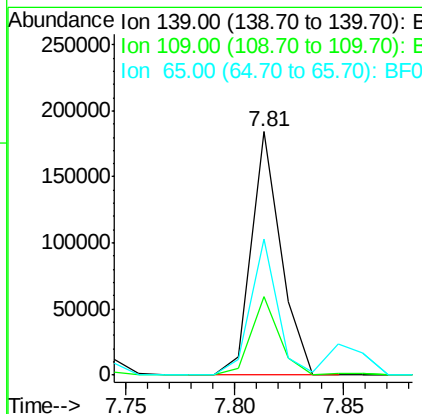
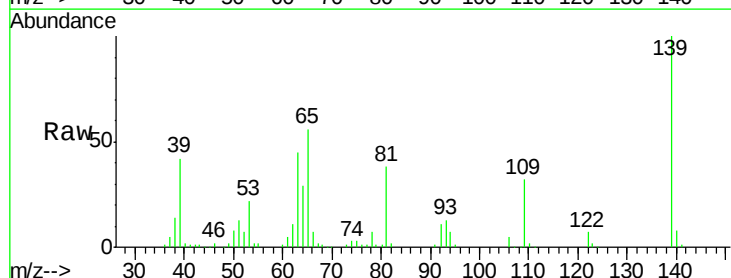
RT: 7.81 min Scan# 501

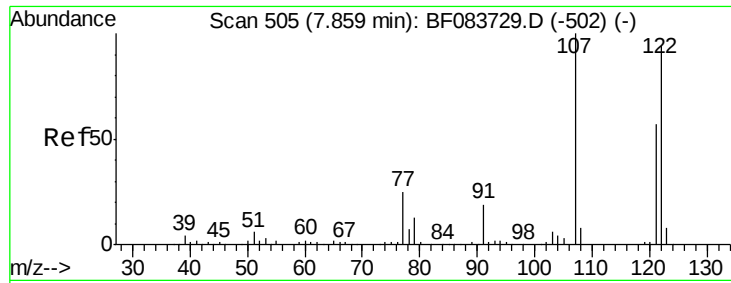
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	139	Resp:	173894
Ion Ratio		Lower	Upper
139	100		
109	32.5	26.0	39.0
65	55.7	44.6	66.8





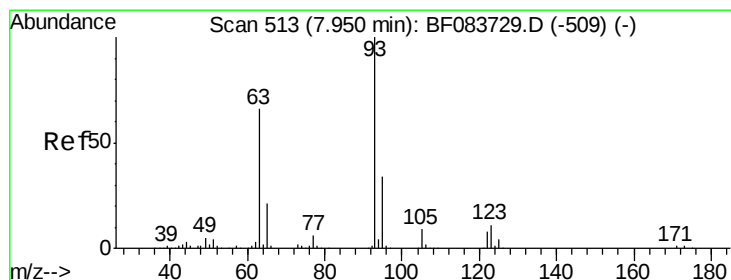
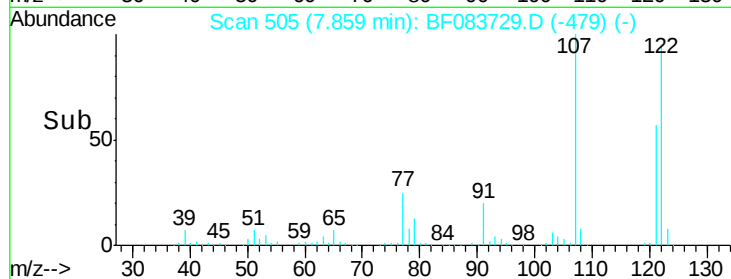
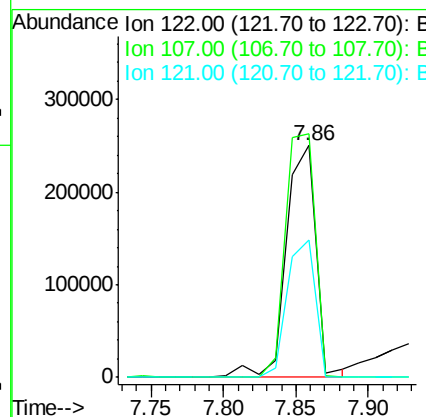
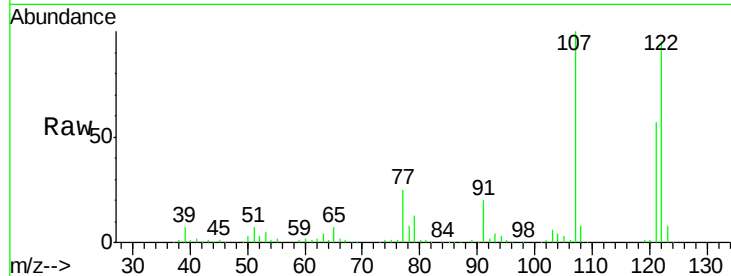
#27
 2,4-Dimethylphenol
 Concen: 44.50 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	354151		
107	104.9	83.9	125.9	
121	59.4	47.5	71.3	

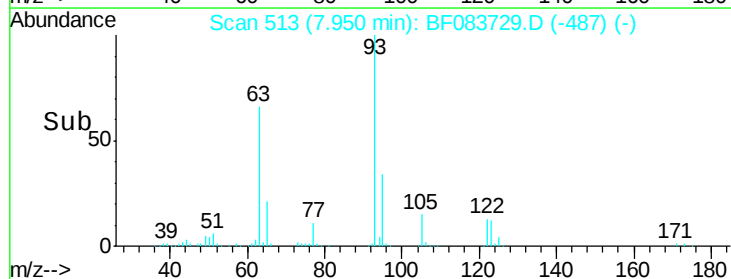
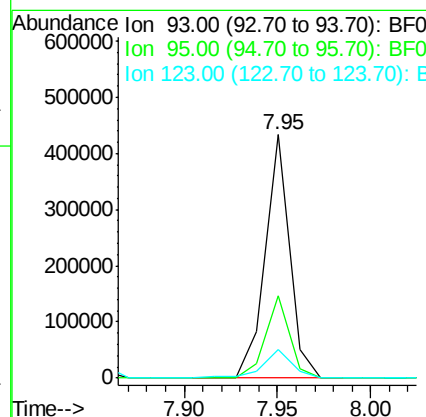
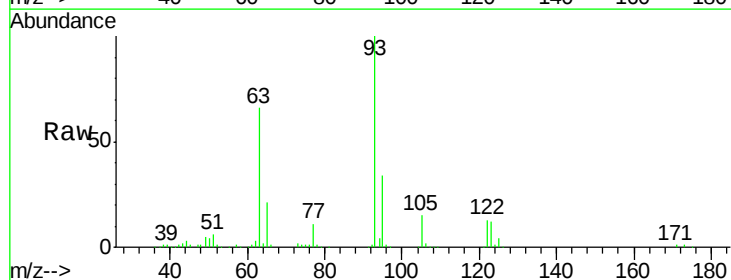
Manual Integrations
 APPROVED

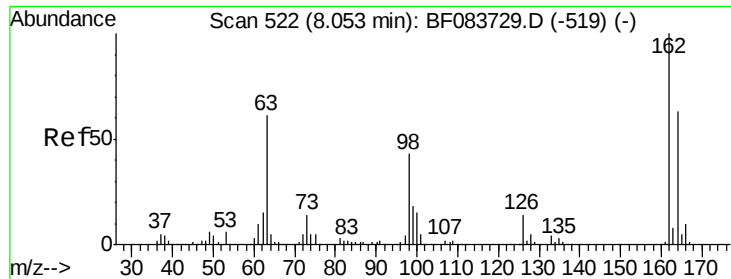
MMdadoda
 12/14/2015 6:23:33 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.42 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	389379		
95	33.6	26.9	40.3	
123	11.6	9.3	13.9	





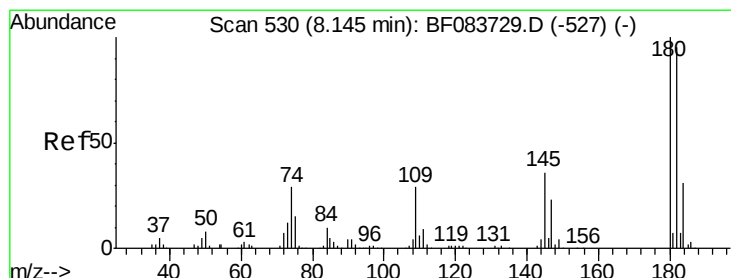
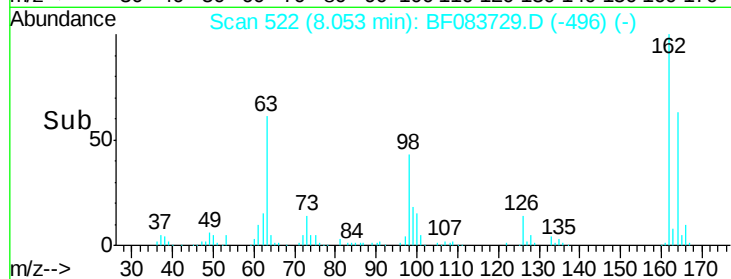
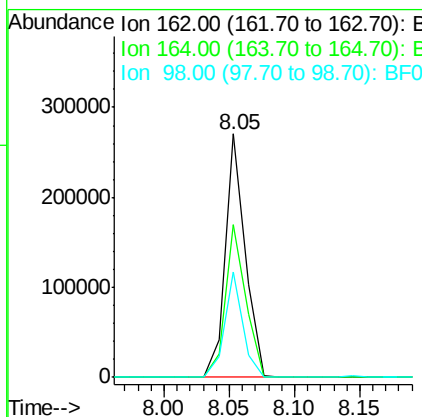
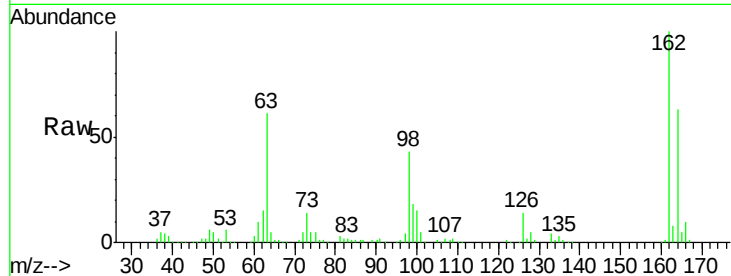
#29
 2,4-Dichlorophenol
 Concen: 44.09 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.8	42.8	82.8
98	43.1	23.1	63.1

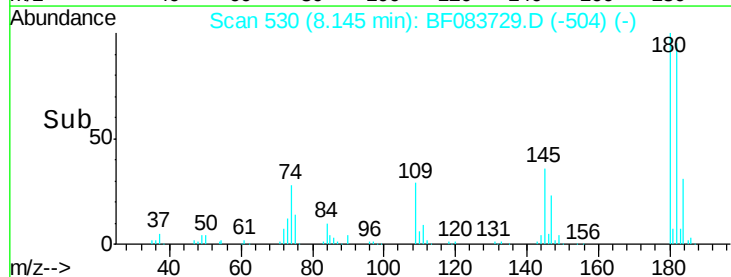
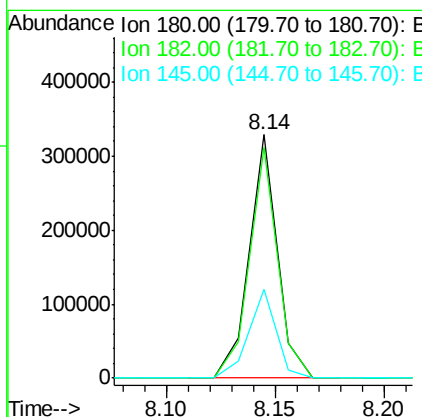
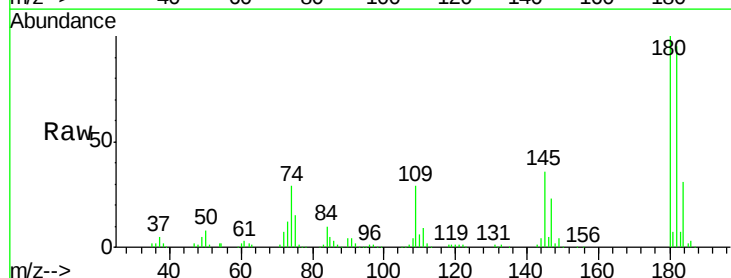
Manual Integrations
 APPROVED

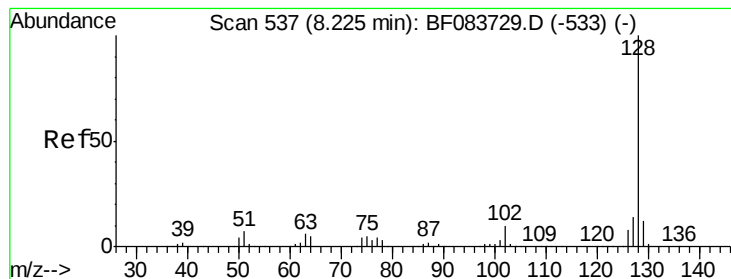
MMdadoda
 12/14/2015 6:23:33 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.20 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	75.8	113.8
145	36.3	29.0	43.6





#31

Naphthalene

Concen: 43.51 ng

RT: 8.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1026741

Ion Ratio Lower Upper

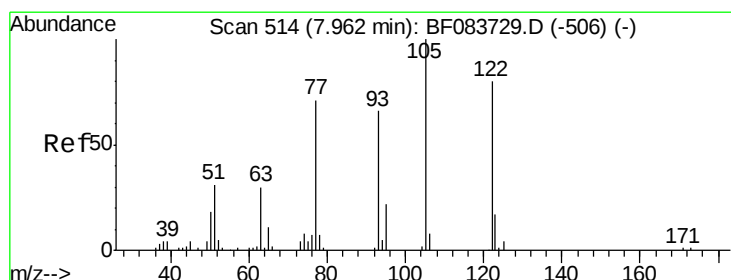
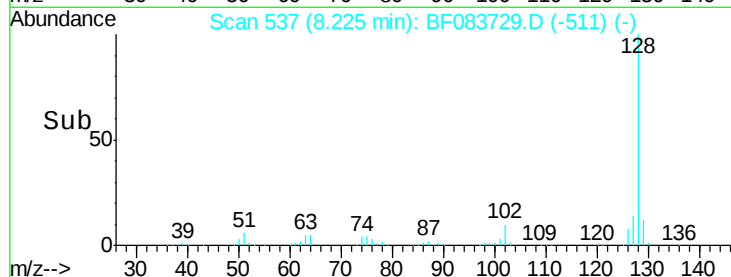
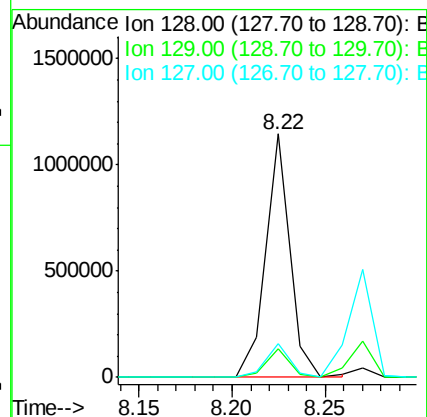
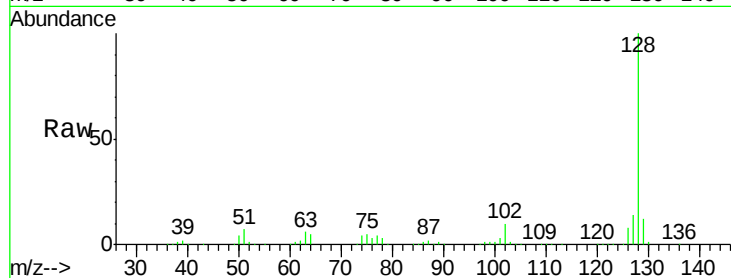
128 100

129 11.7 9.4 14.0

127 13.8 11.0 16.6

Manual Integrations
APPROVED

MMdadoda
12/14/2015 6:23:33 PM



#32

Benzoic acid

Concen: 49.21 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

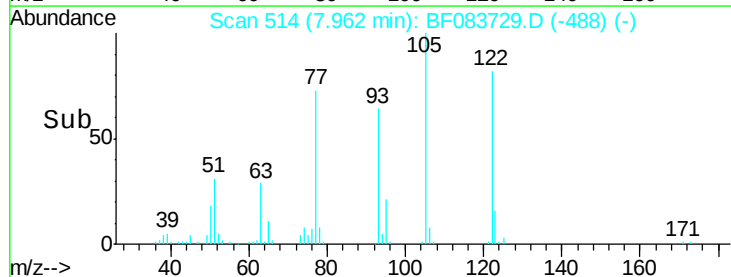
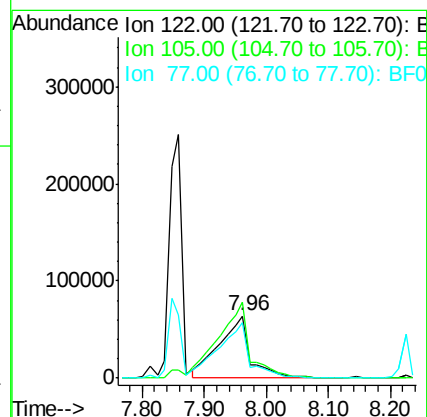
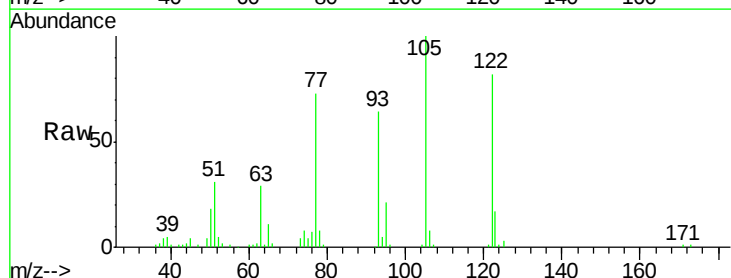
Tgt Ion:122 Resp: 220973

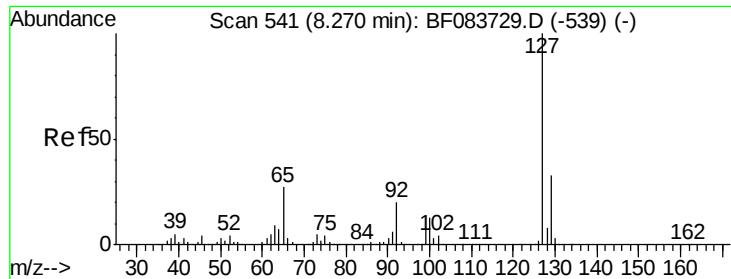
Ion Ratio Lower Upper

122 100

105 122.6 102.6 142.6

77 89.1 69.1 109.1





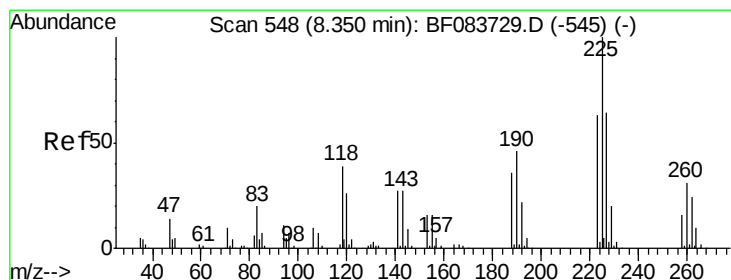
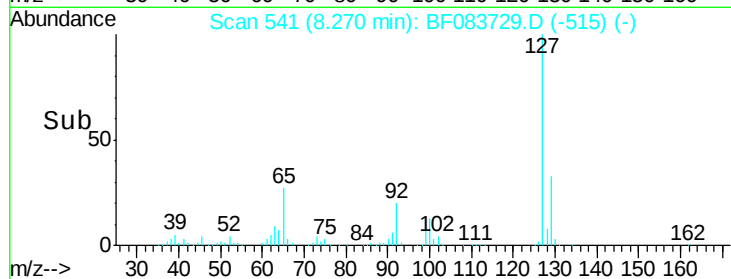
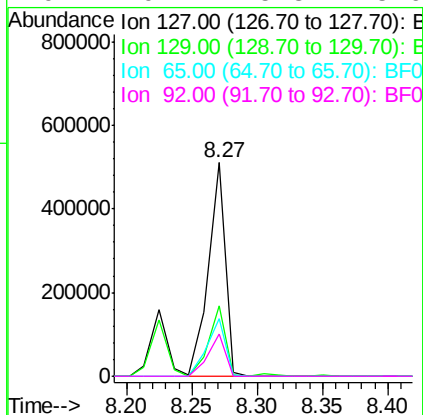
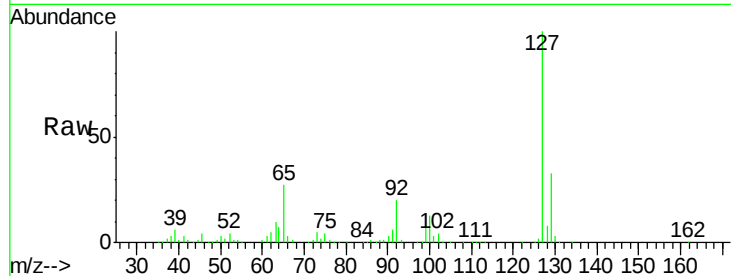
#33
4-Chloroaniline
Concen: 46.13 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.6	39.8		
65	27.1	21.7	32.5		
92	19.7	15.8	23.6		

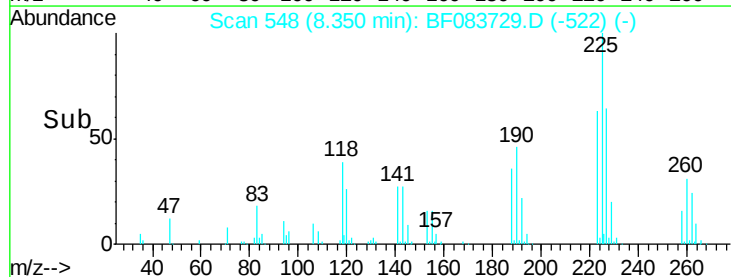
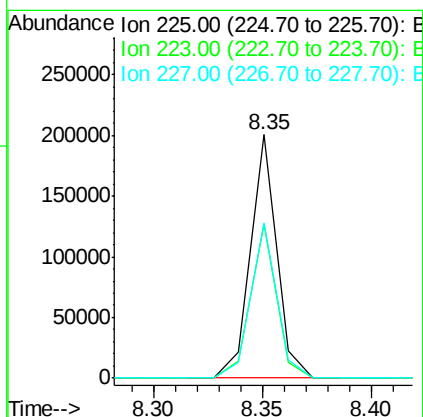
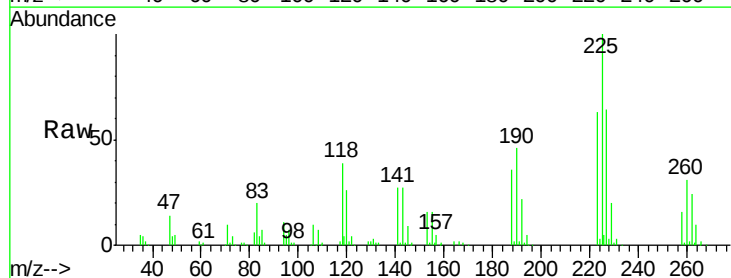
Manual Integrations
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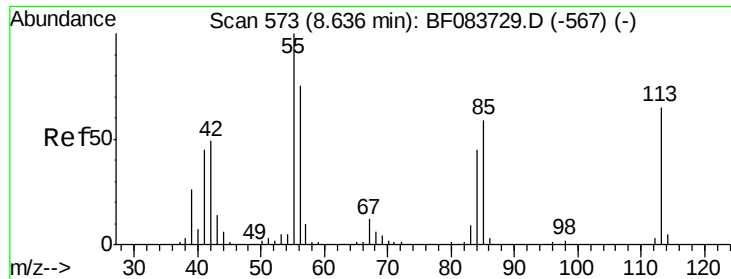
MMdadoda
12/14/2015 6:23:33 PM



#34
Hexachlorobutadiene
Concen: 41.93 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.6	75.8		
227	63.5	50.8	76.2		





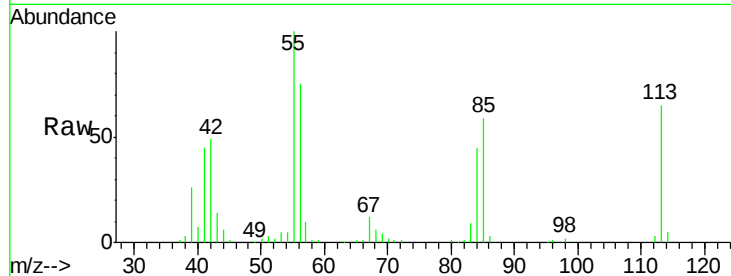
#35
Caprolactam
Concen: 43.93 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.7	133.7	173.7
56	115.4	95.4	135.4

Manual Integrations
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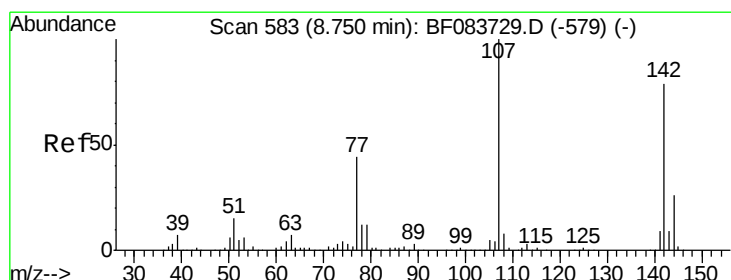
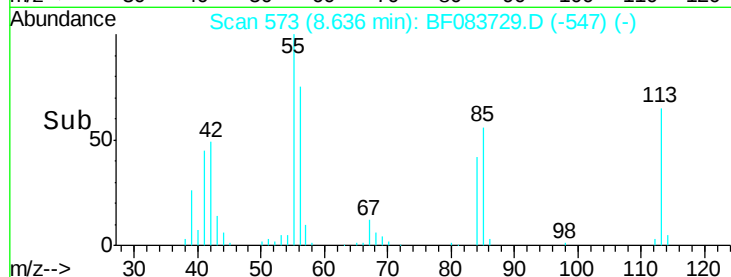
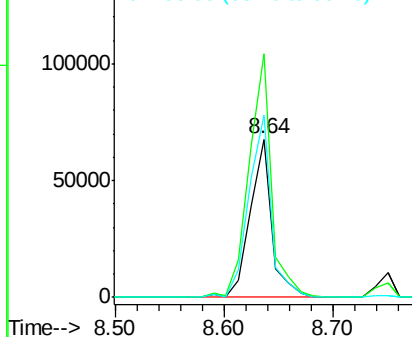
MMdadoda
12/14/2015 6:23:33 PM



Abundance Ion 113.00 (112.70 to 113.70): E

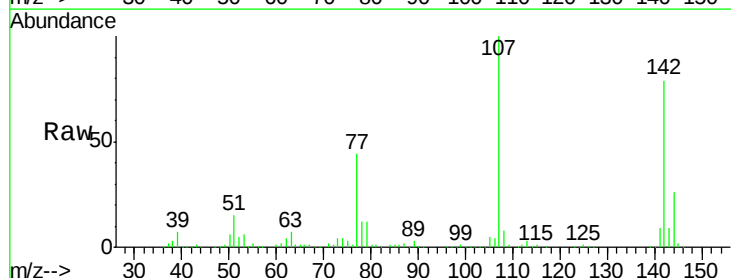
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
4-Chloro-3-methylphenol
Concen: 49.22 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

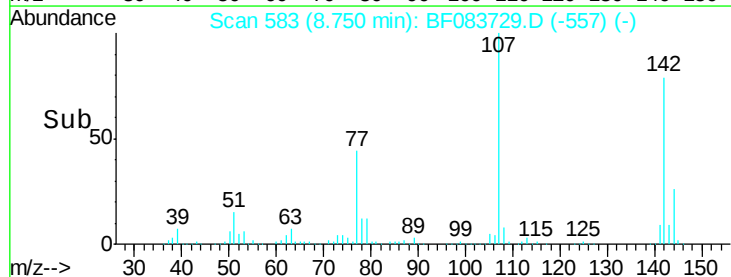
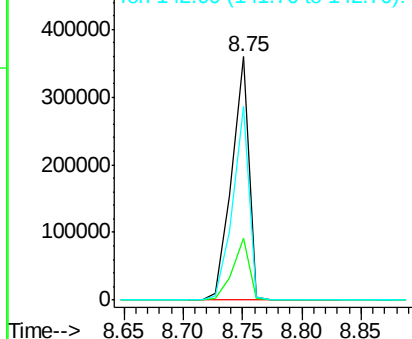
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	79.3	63.4	95.2

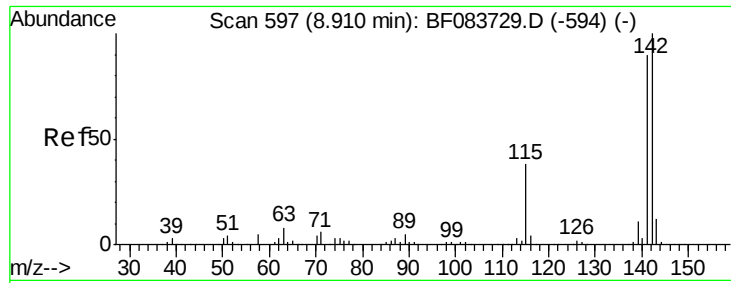


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





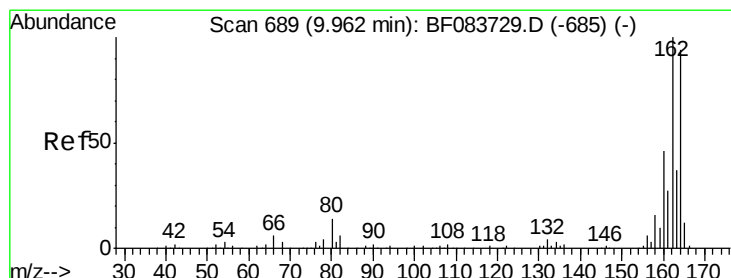
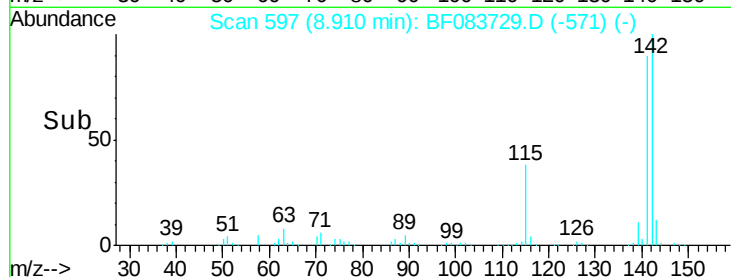
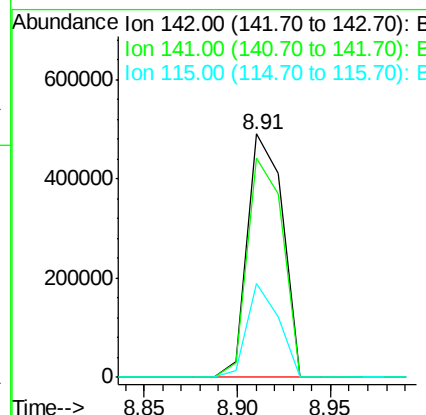
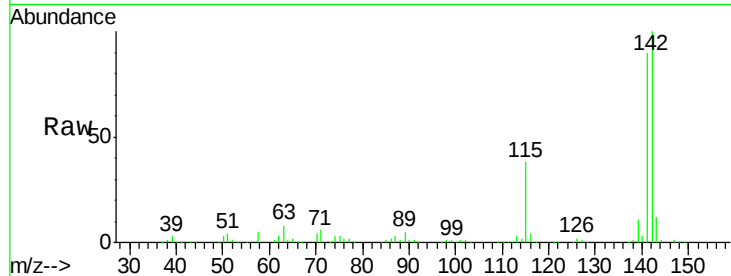
#37
2-Methylnaphthalene
Concen: 42.64 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.0	108.0
115	38.5	30.8	46.2

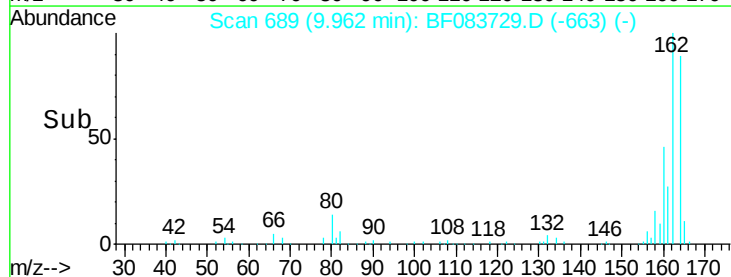
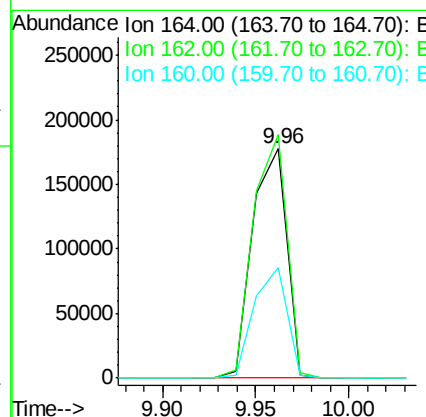
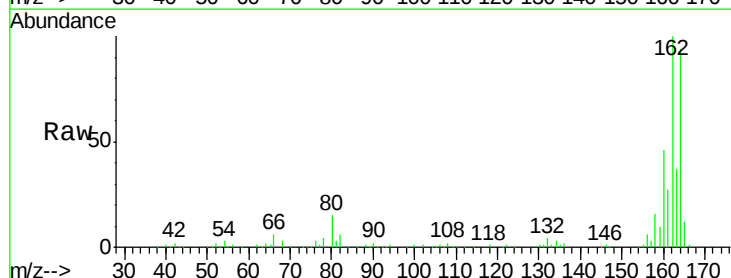
Manual Integrations
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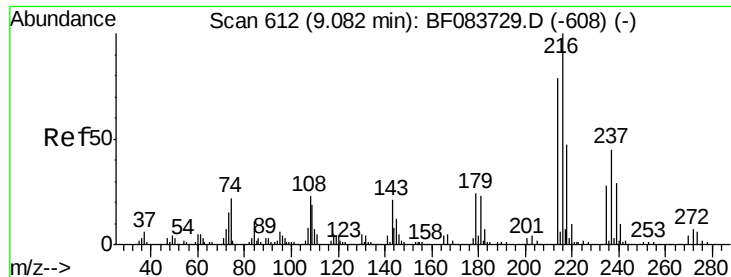
MMdadoda
12/14/2015 6:23:33 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.0	127.4
160	48.4	38.7	58.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.95 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

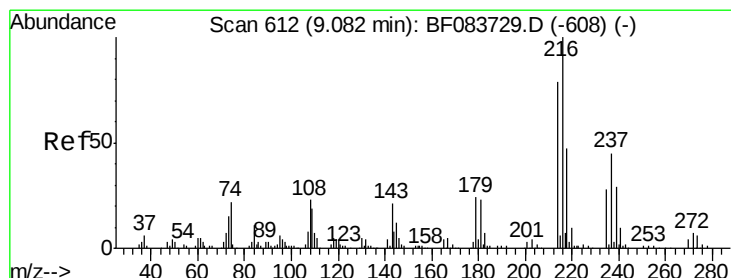
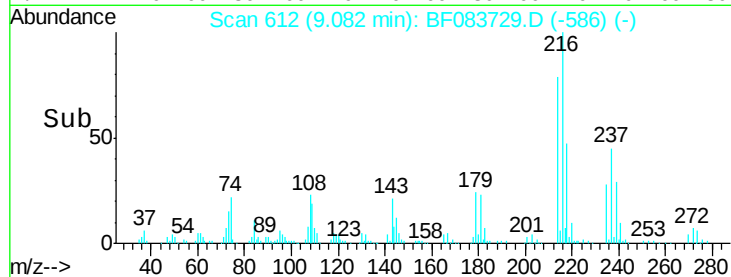
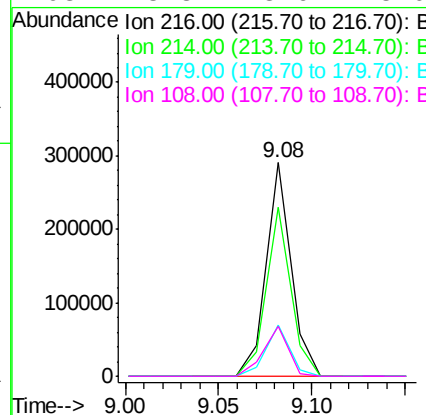
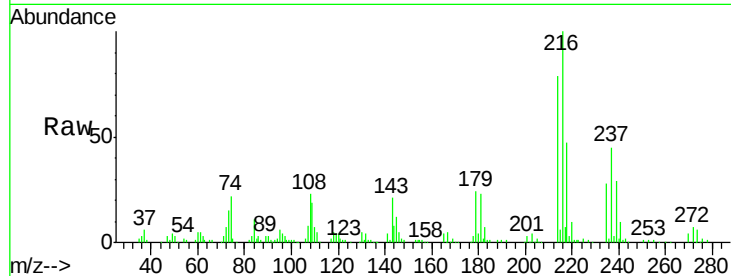
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		267981		
214	78.2		62.6	93.8	
179	22.8		18.2	27.4	
108	23.3		18.6	28.0	

Manual Integrations
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MMdadoda
12/14/2015 6:23:33 PM



#40

Hexachlorocyclopentadiene

Concen: 45.39 ng

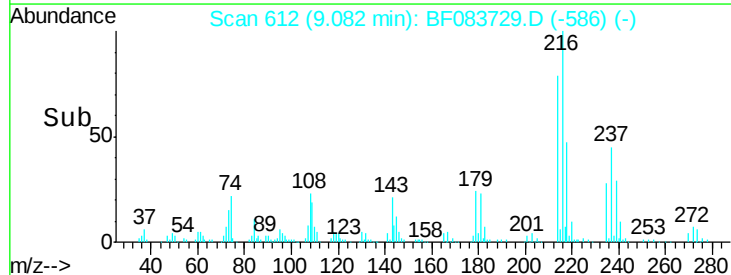
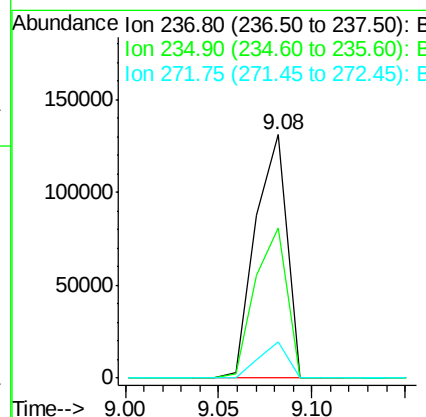
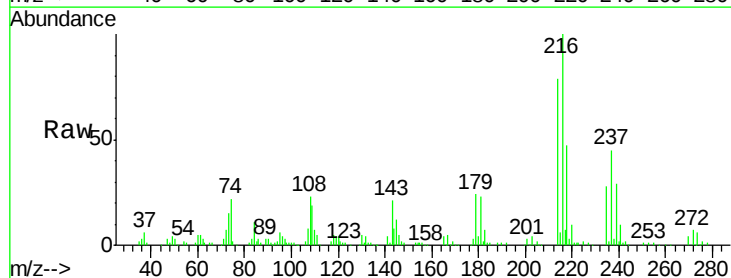
RT: 9.08 min Scan# 612

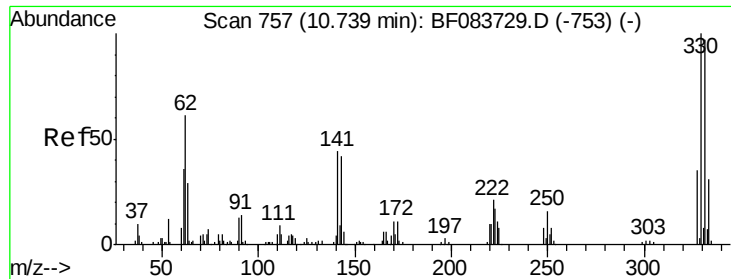
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		152643		
235	61.8		41.8	81.8	
272	14.9		0.0	34.9	





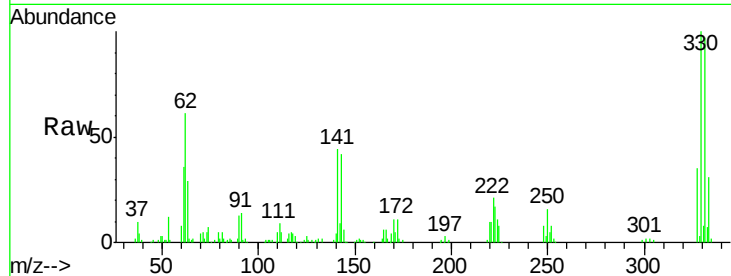
#41
 2,4,6-Tribromophenol
 Concen: 86.08 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.0	117.0
141	39.9	31.9	47.9

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:33 PM

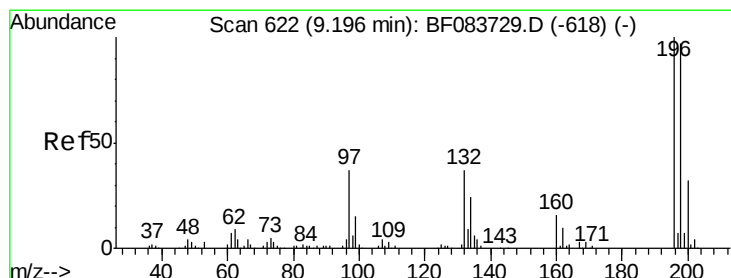
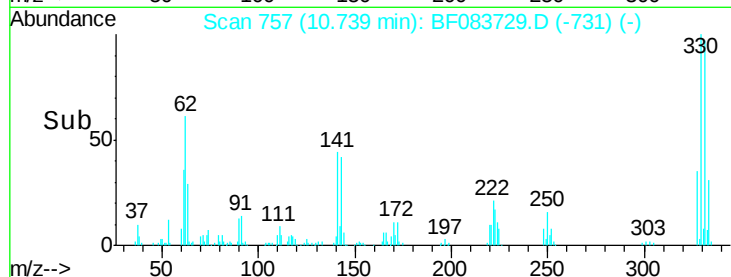
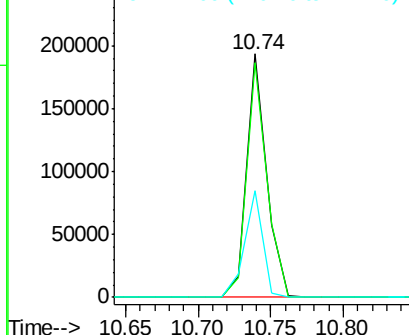


Abundance

Ion 329.80 (329.50 to 330.50): E

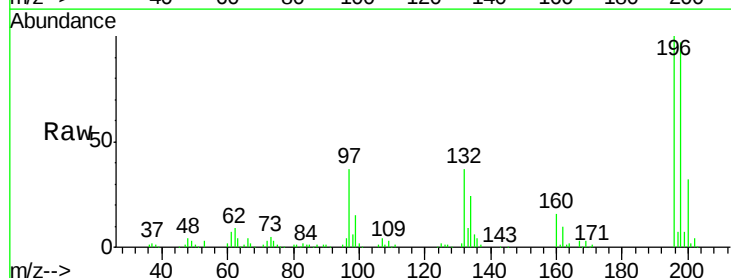
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.45 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.8	116.6
200	32.0	25.6	38.4

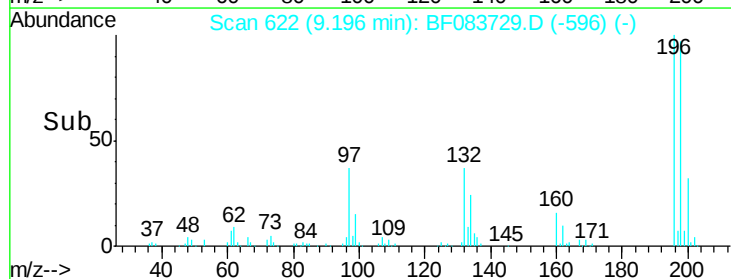
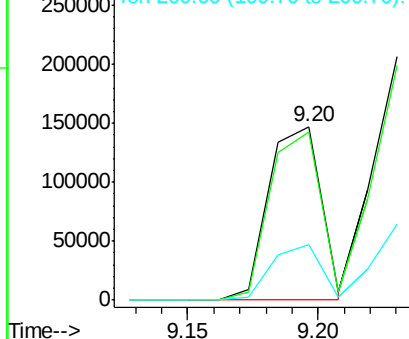


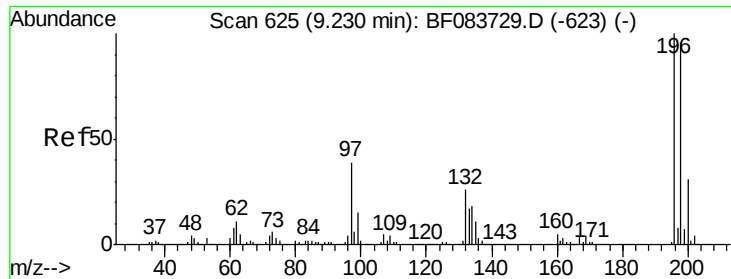
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

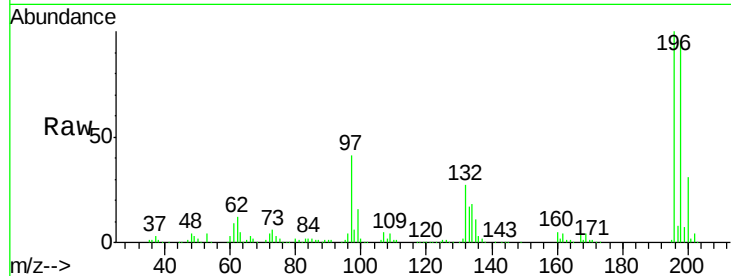
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 44.37 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

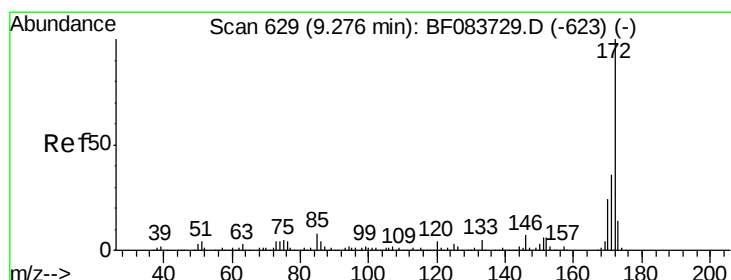
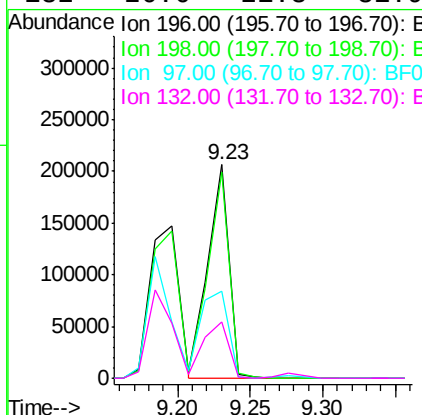
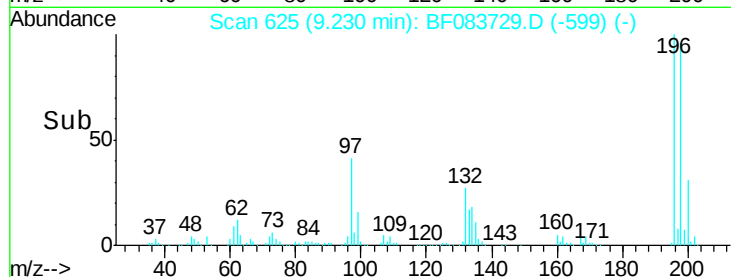
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



Tot Ion	196	Resp	210112
Ion Ratio	Lower	Upper	
196	100		
198	96.4	77.1	115.7
97	41.0	32.8	49.2
132	26.6	21.3	31.9

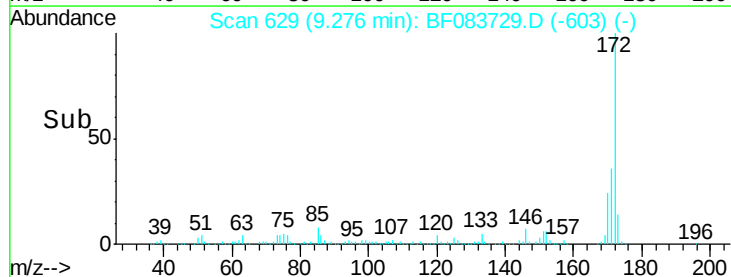
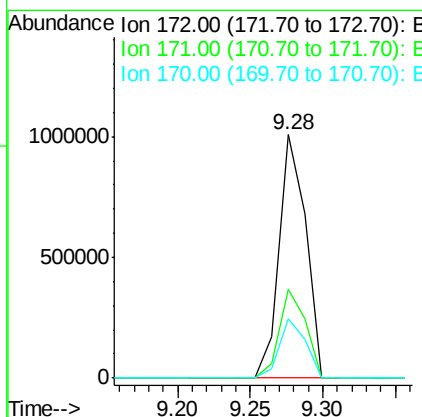
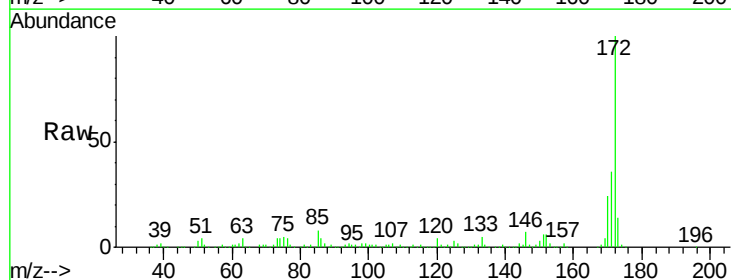
Manual Integrations
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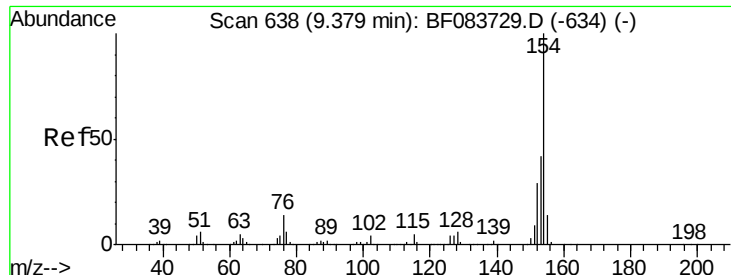
MMdadoda
 12/14/2015 6:23:33 PM



#44
 2-Fluorobiphenyl
 Concen: 82.94 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Tgt Ion	172	Resp	1278926
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.0	43.6
170	24.3	19.4	29.2





#45

1,1'-Biphenyl

Concen: 42.19 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

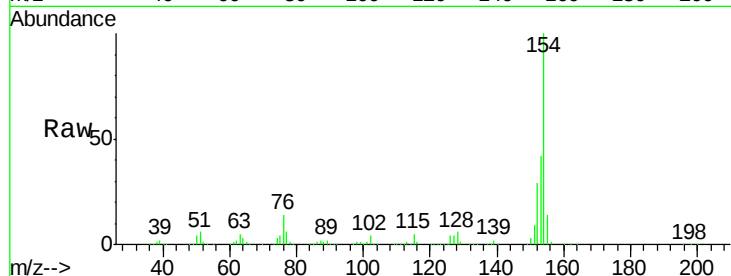
ClientSampleId :

SSTDICCC040

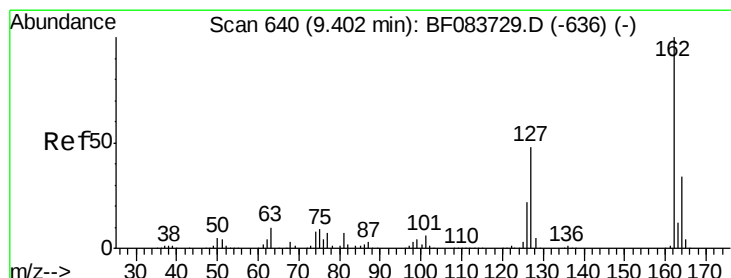
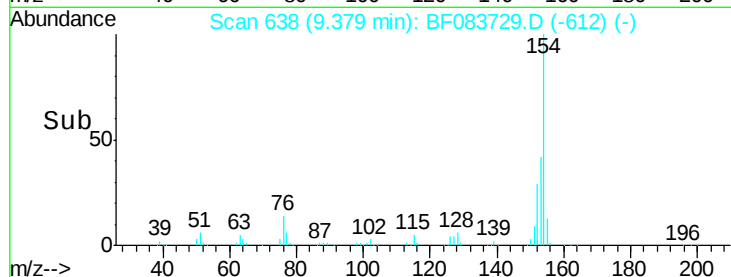
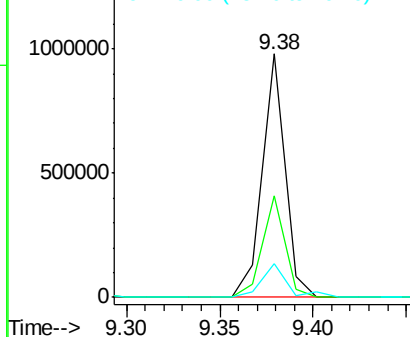
Tot Ion:	154	Resp:	822161
Ion Ratio	Lower	Upper	
154	100		
153	41.9	21.9	61.9
76	13.9	0.0	33.9

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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: 40.89 ng

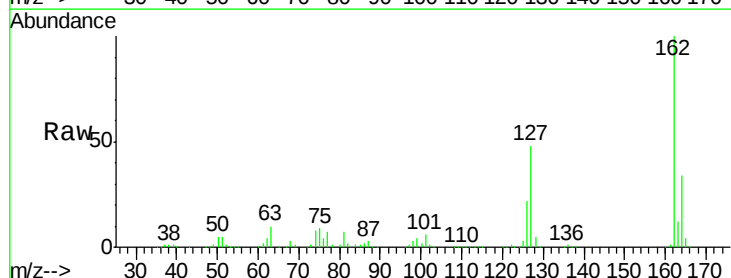
RT: 9.40 min Scan# 640

Delta R.T. 0.00 min

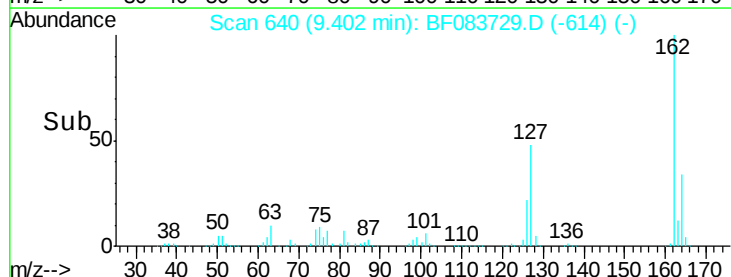
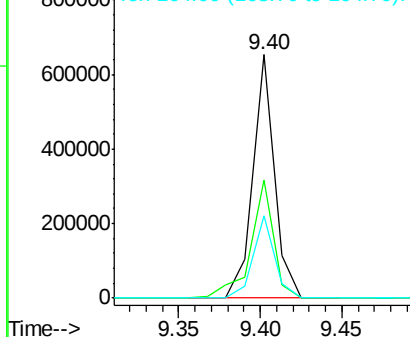
Lab File: BF083729.D

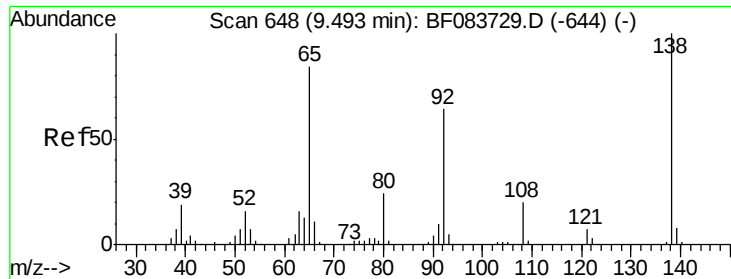
Acq: 13 Dec 2015 15:14

Tgt Ion:	162	Resp:	598927
Ion Ratio	Lower	Upper	
162	100		
127	48.5	38.8	58.2
164	33.6	26.9	40.3



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





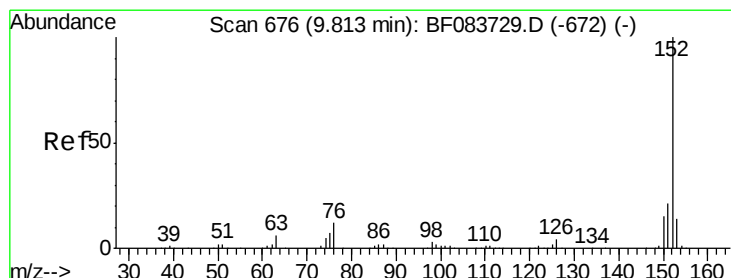
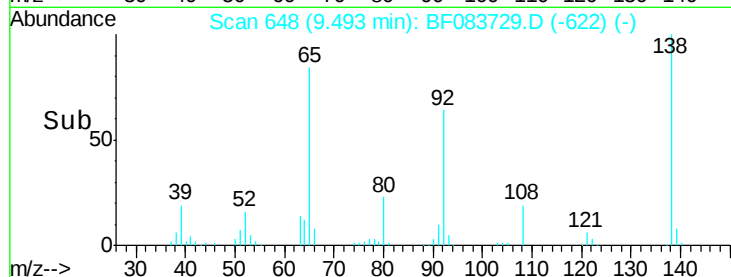
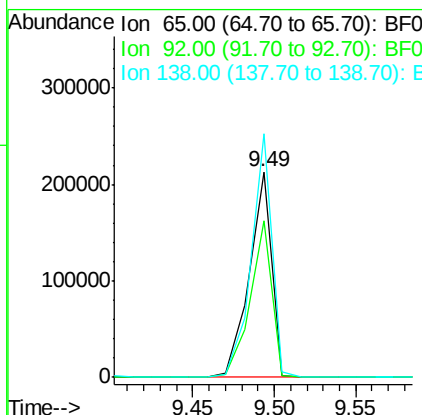
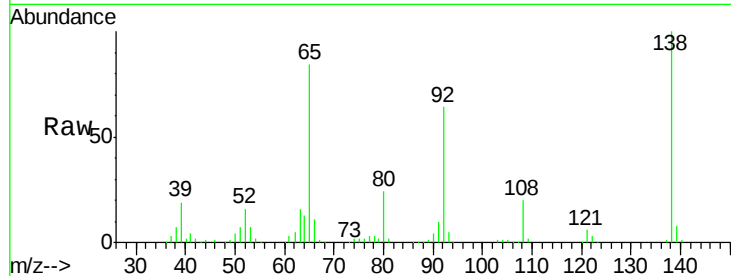
#47
2-Nitroaniline
Concen: 51.82 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.4	61.1	91.7
138	118.7	95.0	142.4

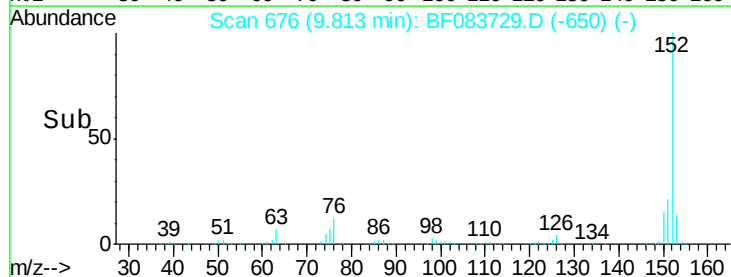
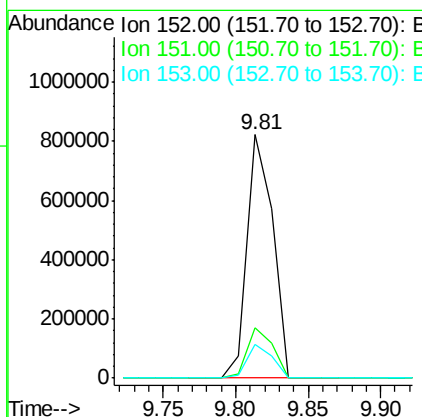
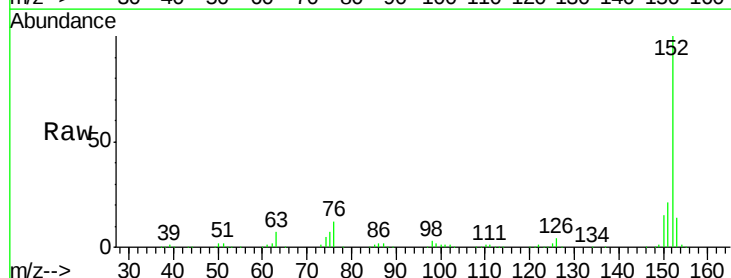
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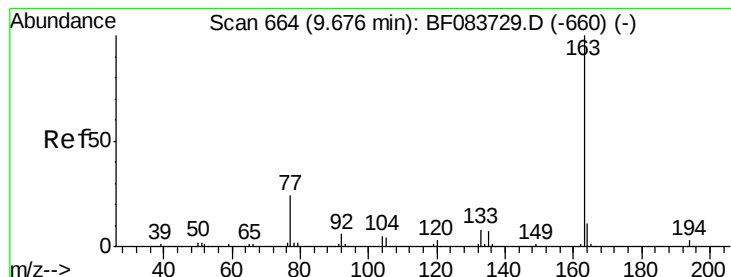
MMdadoda
12/14/2015 6:23:33 PM



#48
Acenaphthylene
Concen: 41.38 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	13.9	11.1	16.7





#49

Dimethylphthalate

Concen: 41.21 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

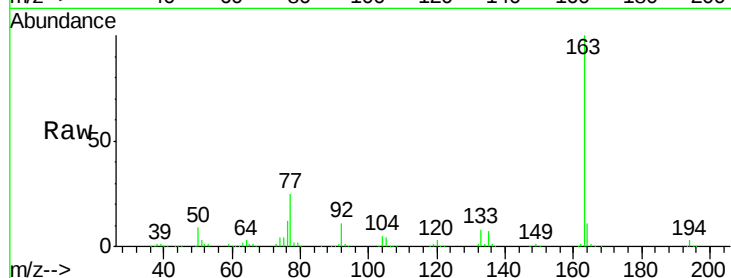
ClientSampleId :

SSTDICCC040

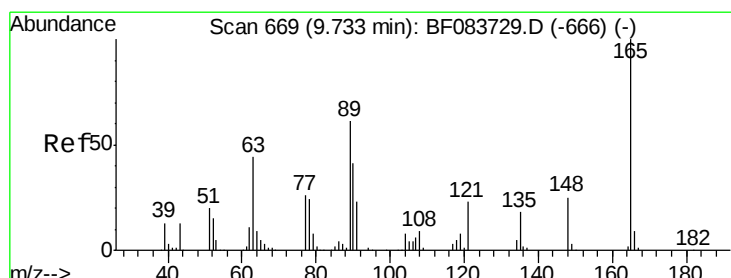
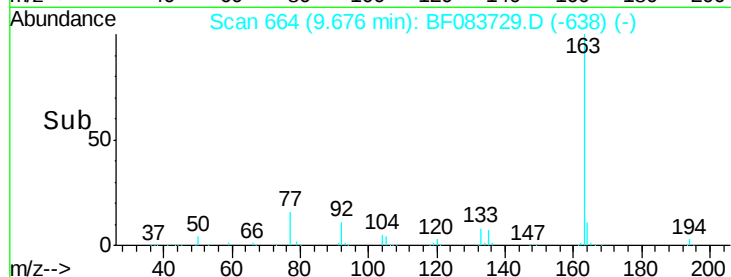
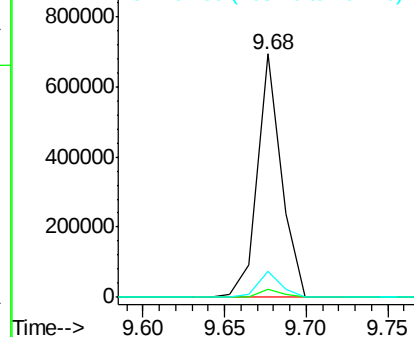
Tot Ion:	163	Resp:	707013
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.5	3.7
164	10.9	8.7	13.1

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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: 45.94 ng

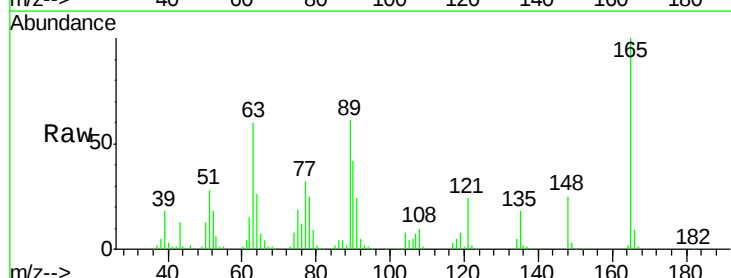
RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

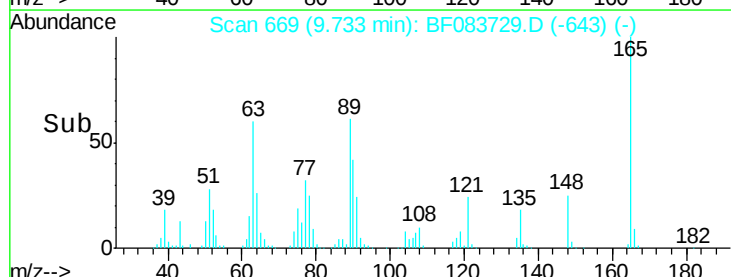
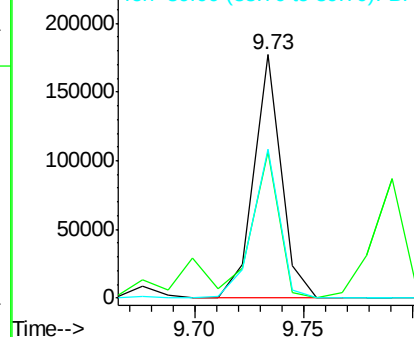
Lab File: BF083729.D

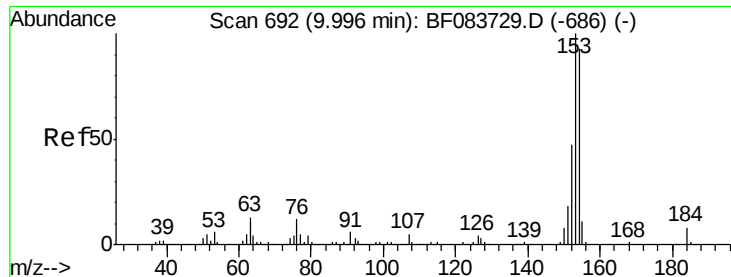
Acq: 13 Dec 2015 15:14

Tgt Ion:	165	Resp:	155411
Ion Ratio	Lower	Upper	
165	100		
63	59.9	47.9	71.9
89	61.3	49.0	73.6



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: 42.34 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

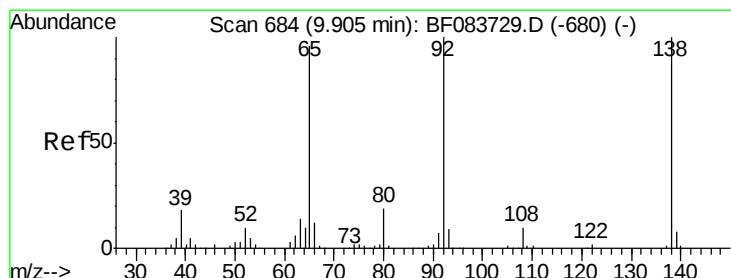
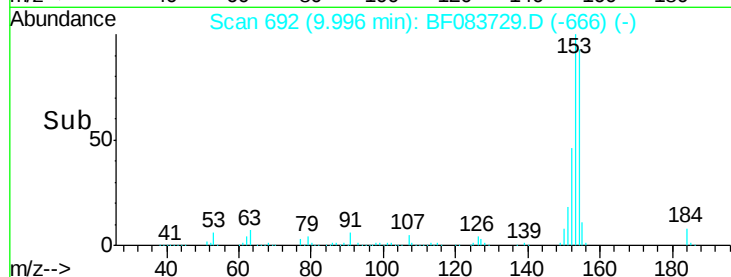
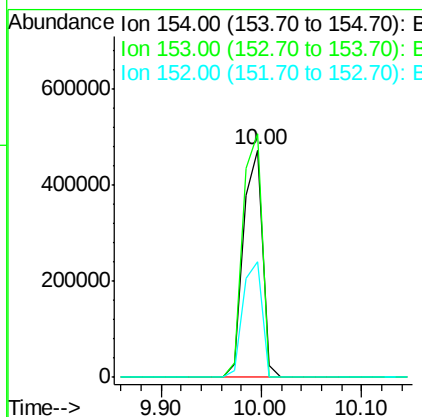
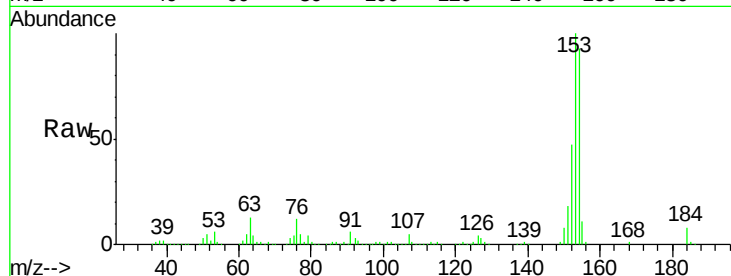
ClientSampleId :

SSTDICCC040

Tot Ion:	154	Resp:	620830
Ion Ratio	Lower	Upper	
154	100		
153	107.3	85.8	128.8
152	50.8	40.6	61.0

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#52

3-Nitroaniline

Concen: 50.84 ng

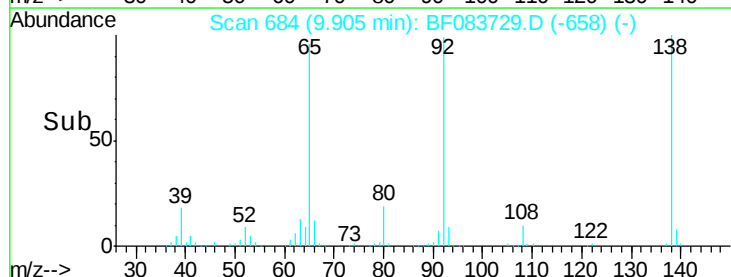
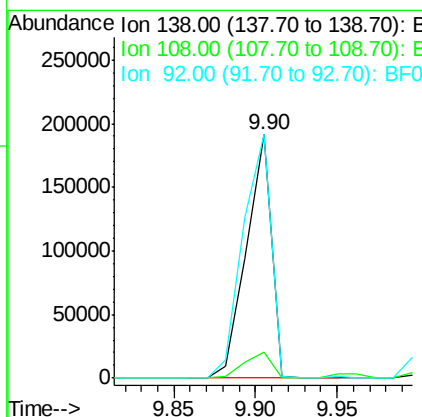
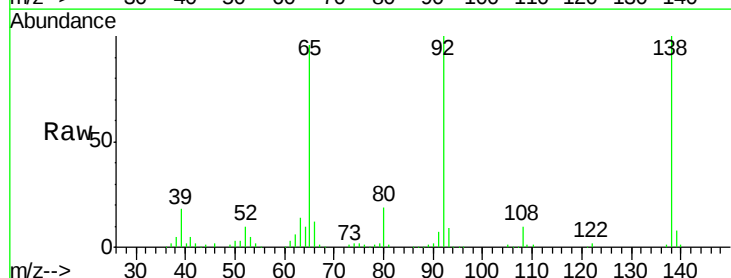
RT: 9.90 min Scan# 684

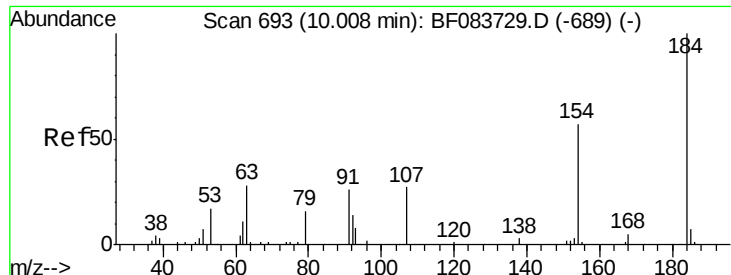
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	138	Resp:	202975
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.4	12.6
92	100.2	80.2	120.2





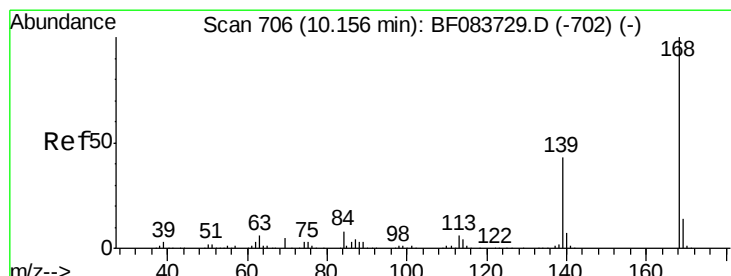
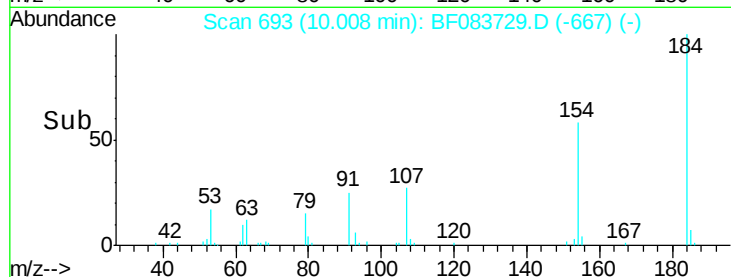
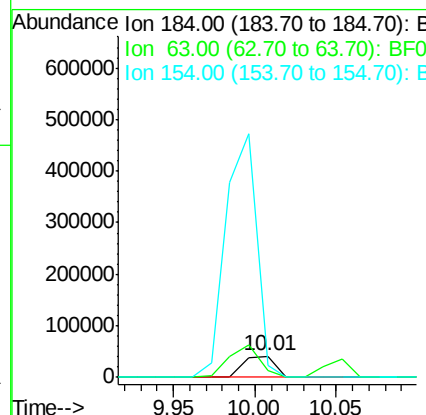
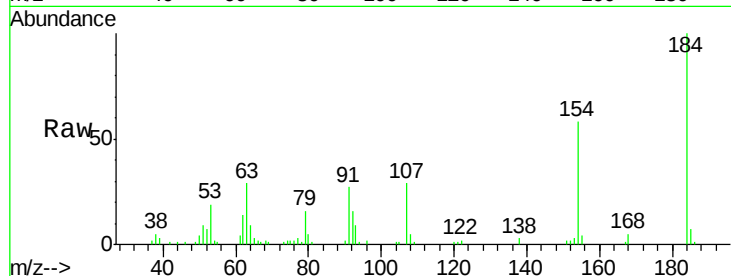
#53
2,4-Dinitrophenol
Concen: 61.02 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	29.2	23.4	35.0
154	58.4	46.7	70.1

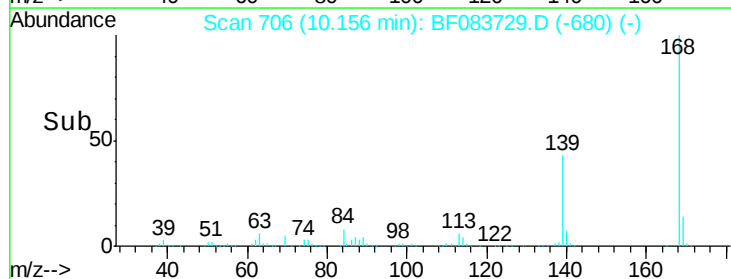
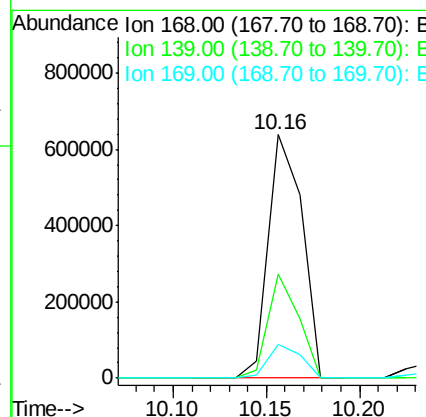
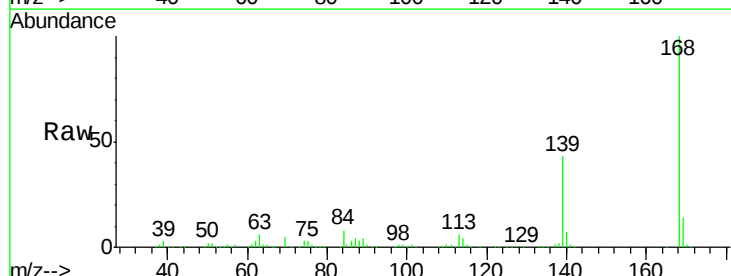
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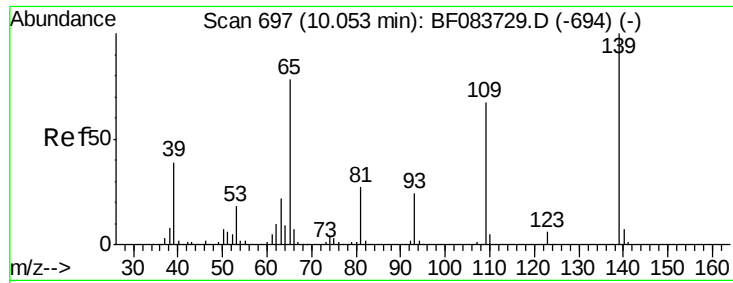
MMdadoda
12/14/2015 6:23:33 PM



#54
Dibenzofuran
Concen: 41.36 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.0	34.4	51.6
169	14.1	11.3	16.9





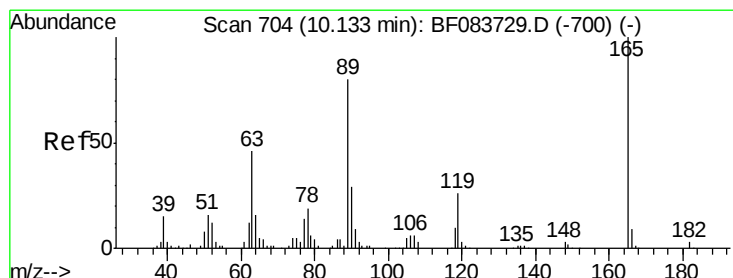
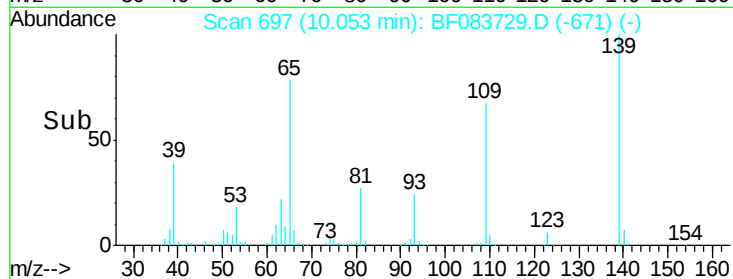
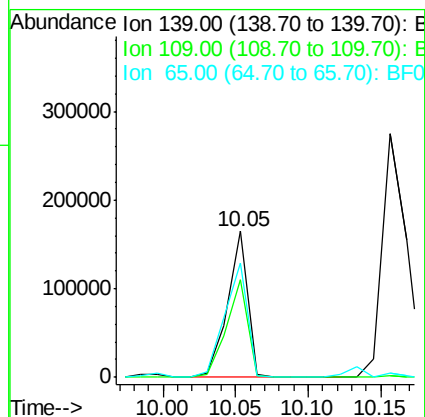
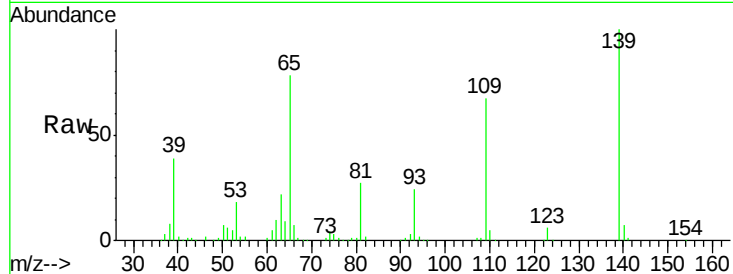
#55
4-Nitrophenol
Concen: 48.23 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	139	Resp:	160173
Ion Ratio	Lower	Upper	
139	100		
109	67.4	47.4	87.4
65	78.0	58.0	98.0

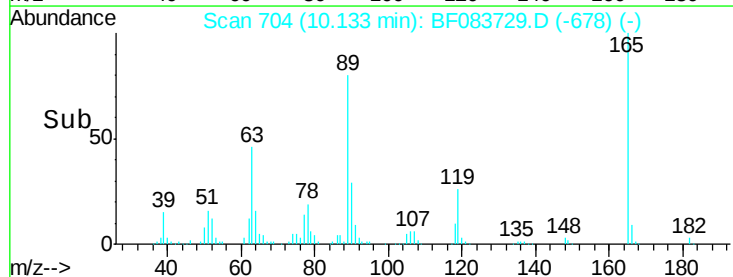
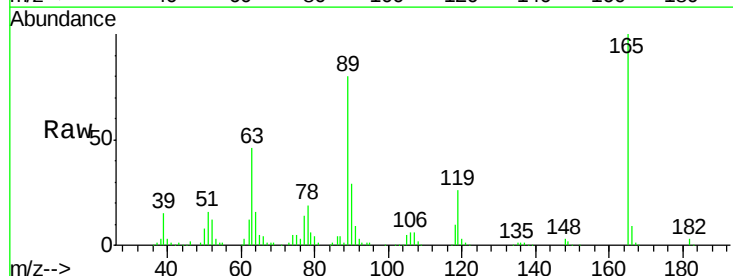
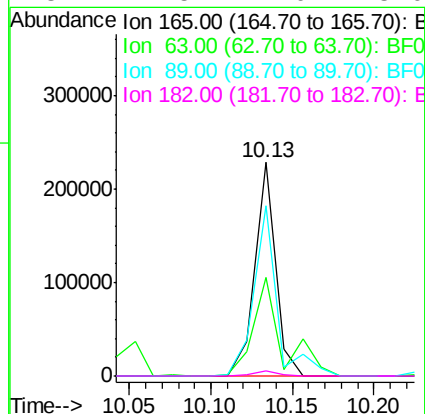
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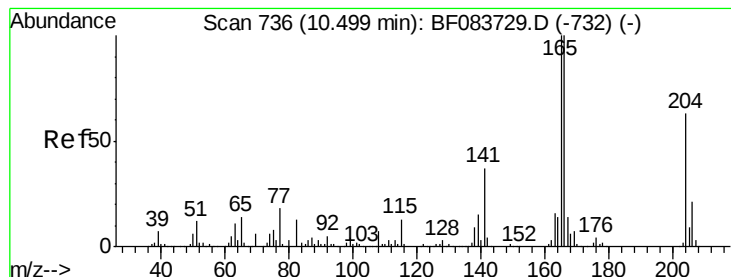
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 46.75 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion:	165	Resp:	202596
Ion Ratio	Lower	Upper	
165	100		
63	46.0	36.8	55.2
89	79.8	63.8	95.8
182	2.5	2.0	3.0





#57

Fluorene

Concen: 39.81 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

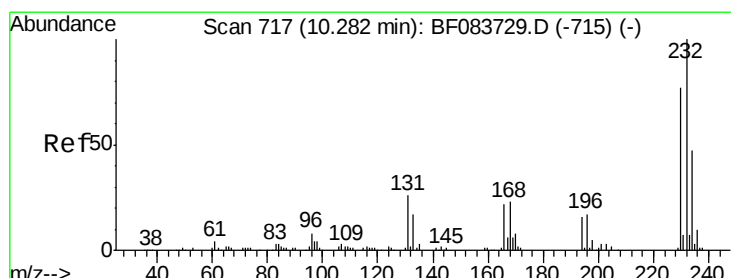
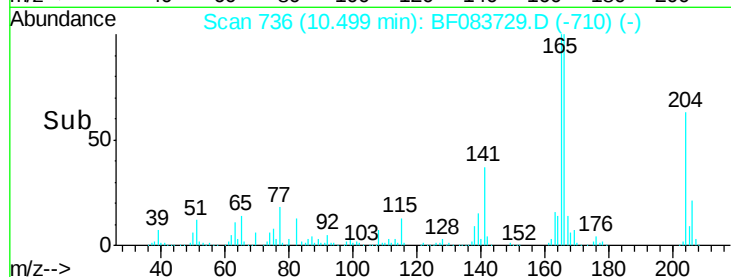
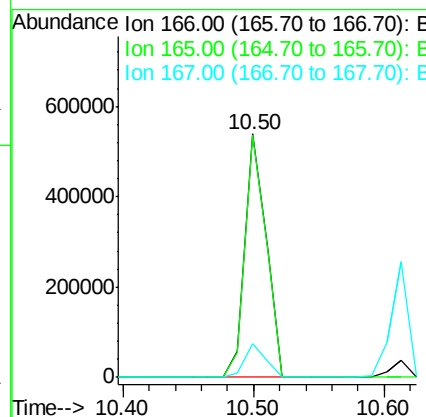
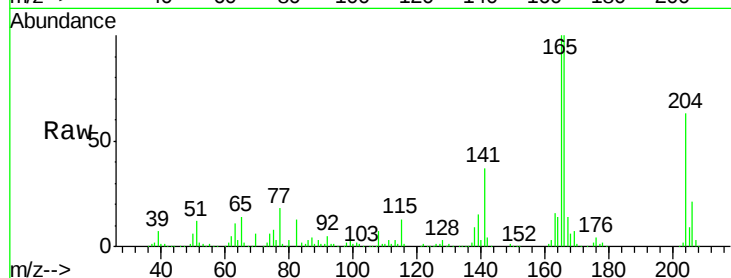
ClientSampleId :

SSTDICCC040

Tot Ion:	166	Resp:	603261
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.7	119.5
167	14.0	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.95 ng

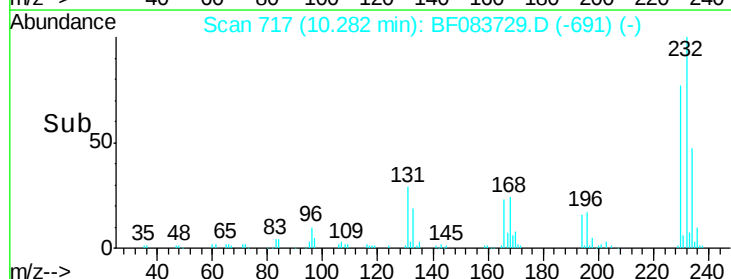
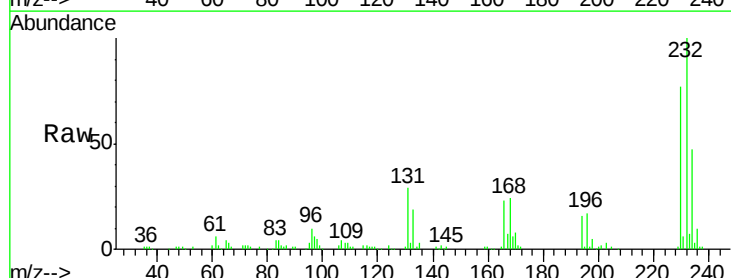
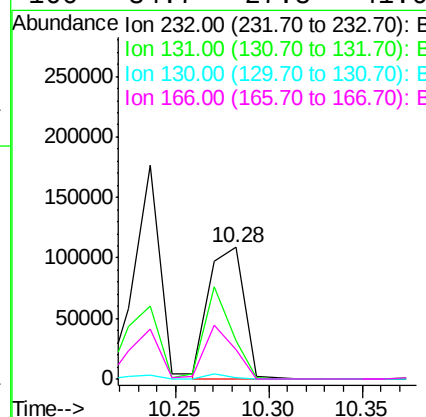
RT: 10.28 min Scan# 717

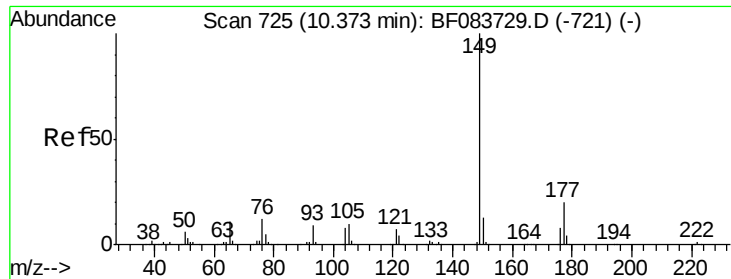
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	232	Resp:	143531
Ion Ratio	Lower	Upper	
232	100		
131	53.8	43.0	64.6
130	2.5	2.0	3.0
166	34.7	27.8	41.6





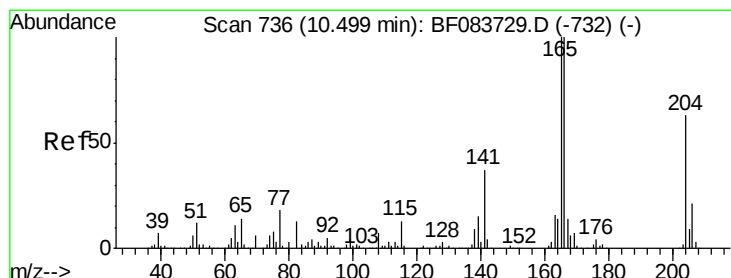
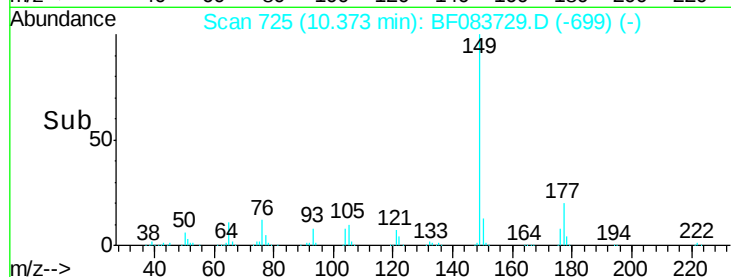
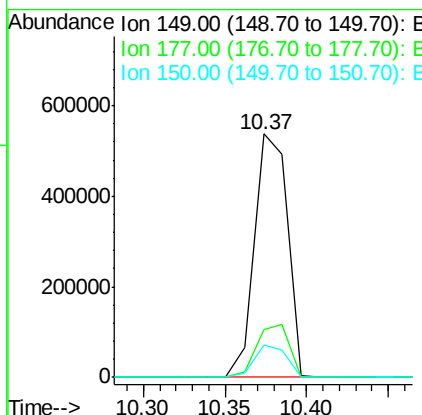
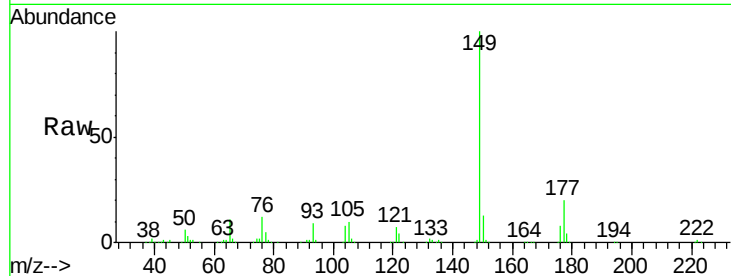
#59
Diethylphthalate
Concen: 45.75 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.6	15.7	23.5
150	13.2	10.6	15.8

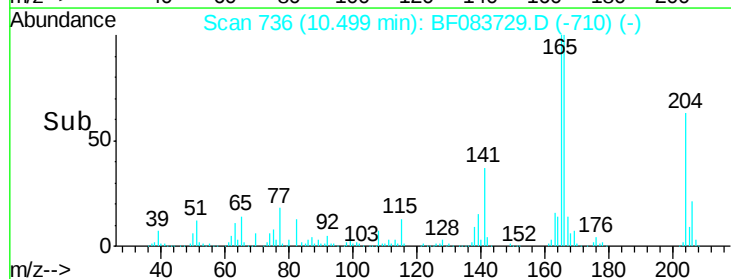
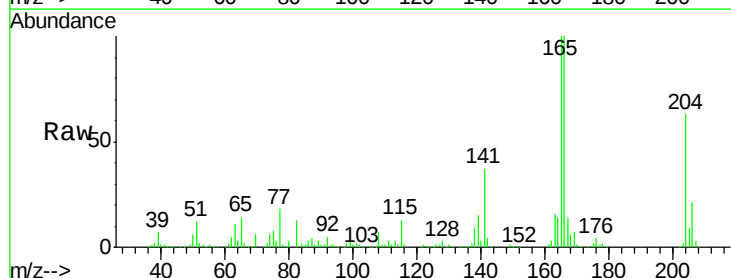
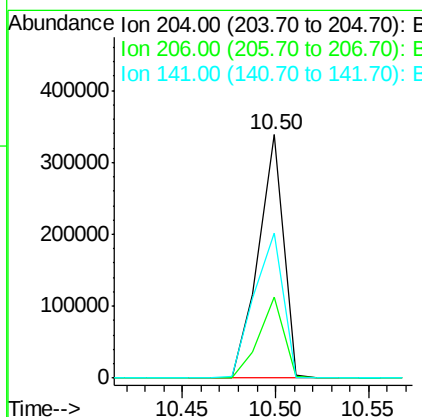
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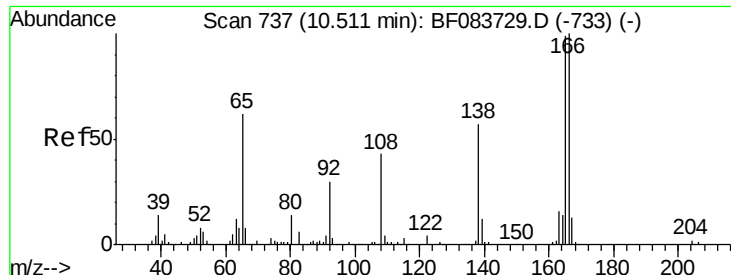
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#60
4-Chlorophenyl-phenylether
Concen: 42.86 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	59.4	47.5	71.3





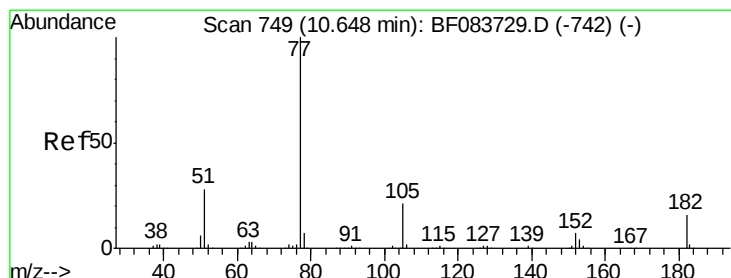
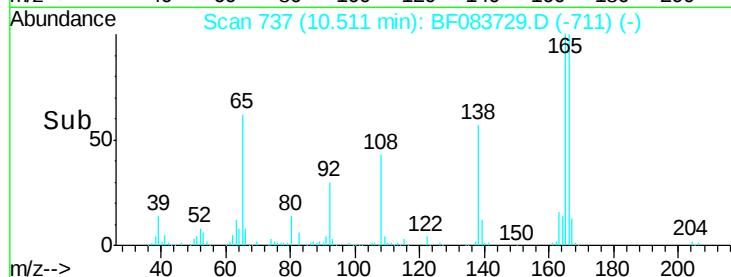
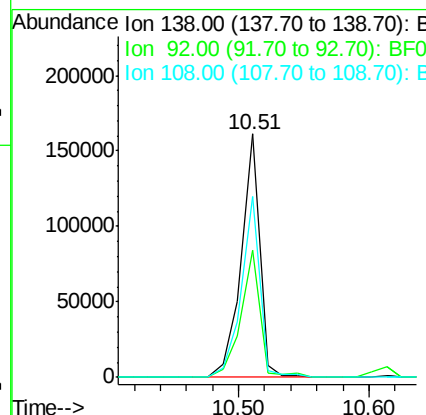
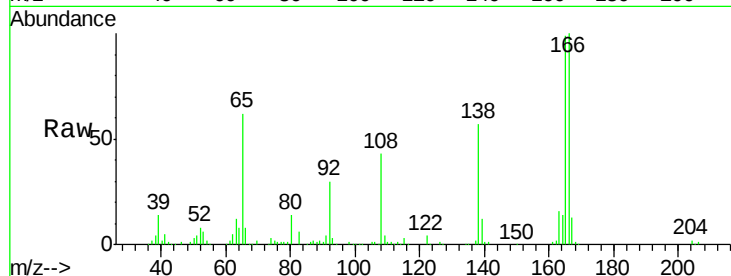
#61
4-Nitroaniline
Concen: 44.29 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	158628		
92	52.0	32.0	72.0	
108	74.3	54.3	94.3	

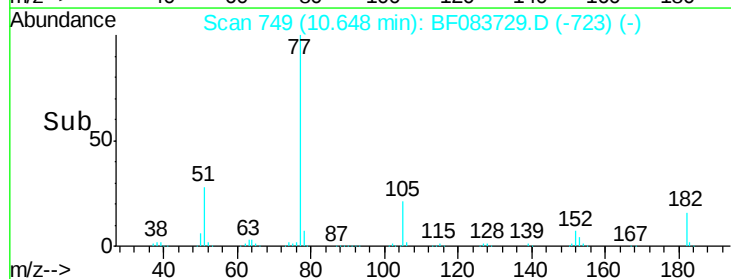
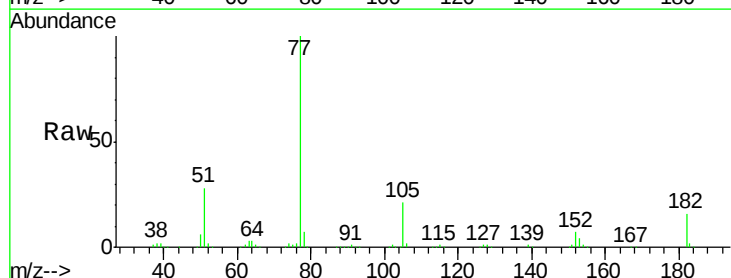
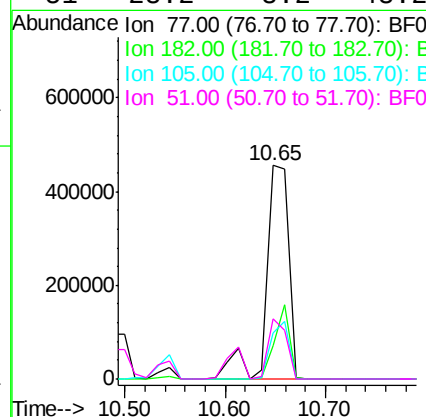
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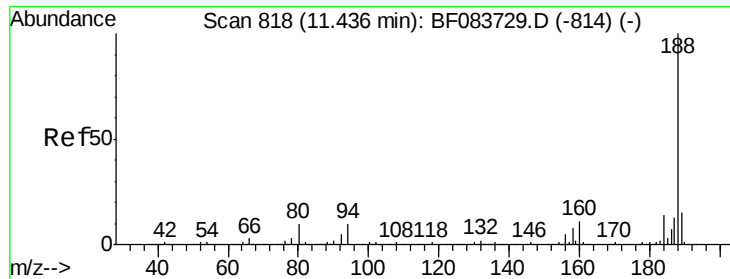
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#62
Azobenzene
Concen: 44.63 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	706774		
182	15.6	0.0	35.6	
105	21.4	1.4	41.4	
51	28.2	8.2	48.2	





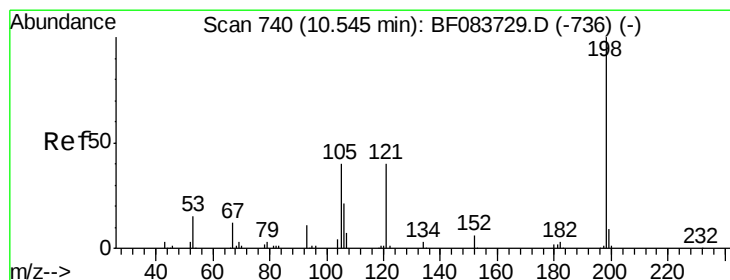
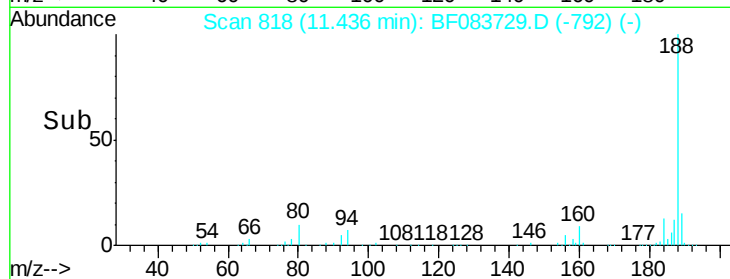
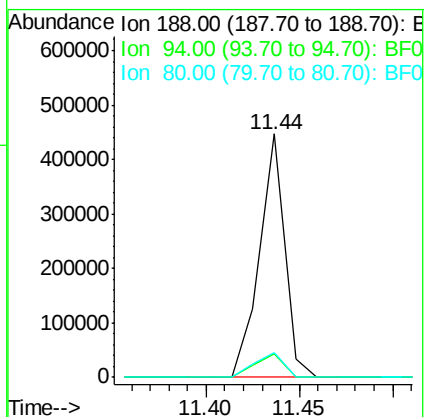
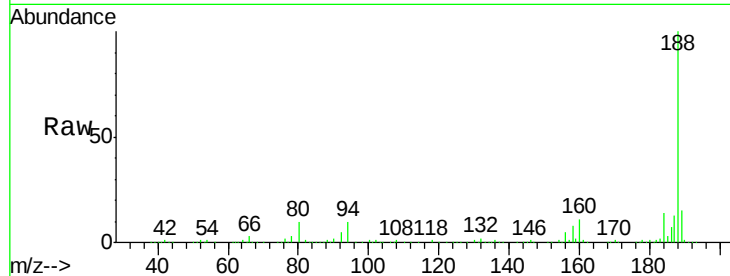
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	7.6	11.4
80	10.4	8.3	12.5

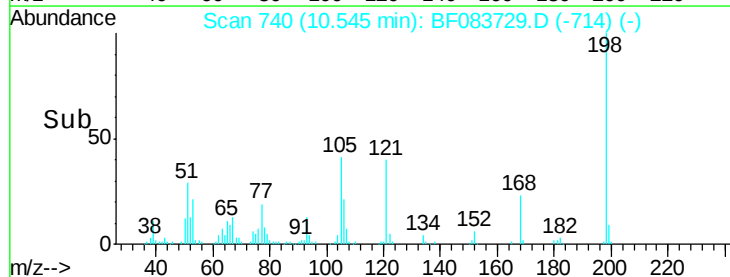
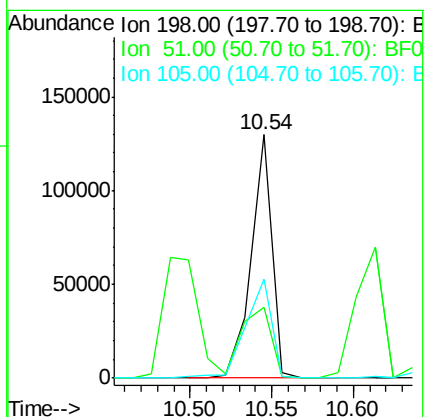
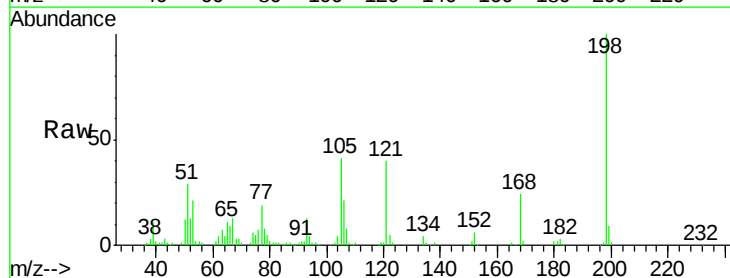
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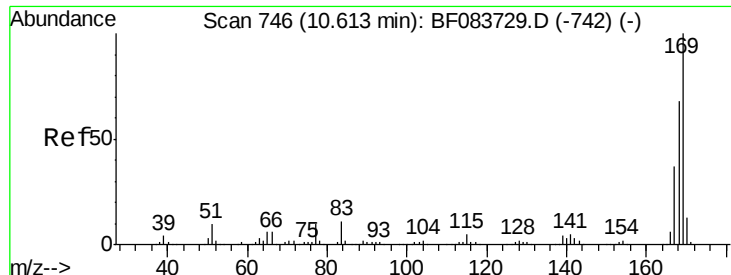
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#64
4,6-Dinitro-2-methylphenol
Concen: 74.26 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	29.0	9.0	49.0
105	40.7	20.7	60.7





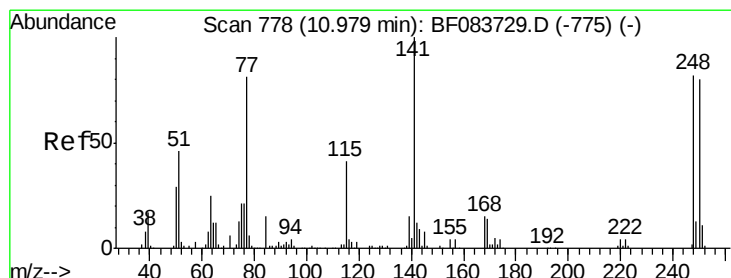
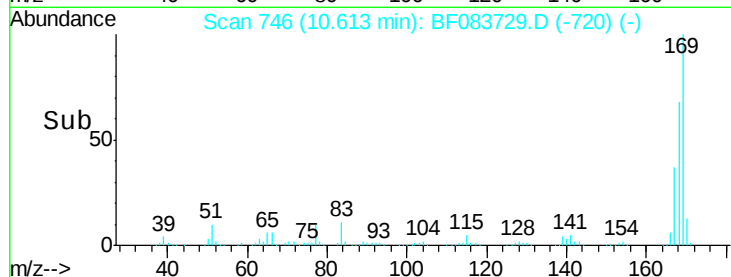
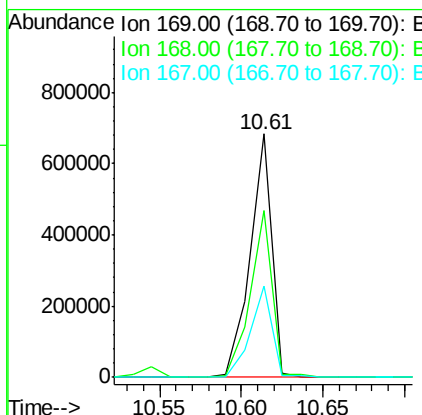
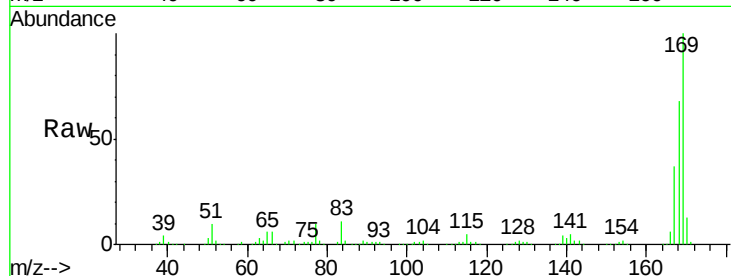
#65
n-Nitrosodiphenylamine
Concen: 44.63 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	630194		
168	68.3	54.6	82.0	
167	37.5	30.0	45.0	

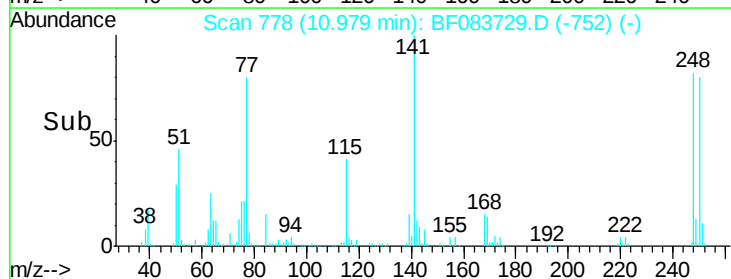
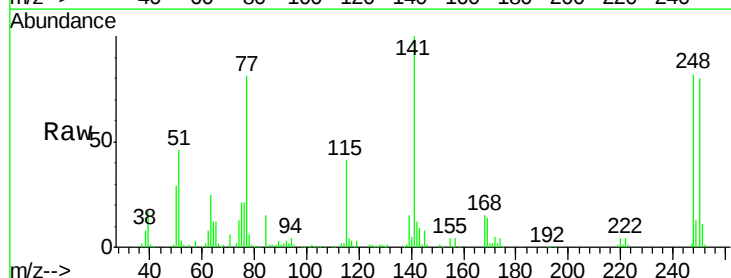
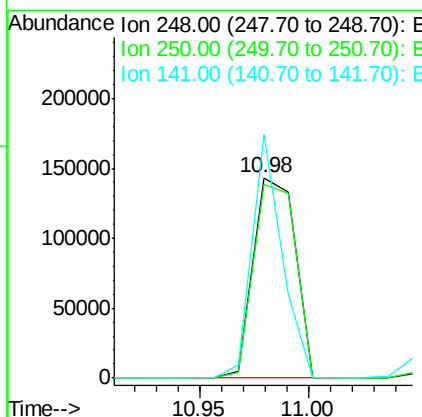
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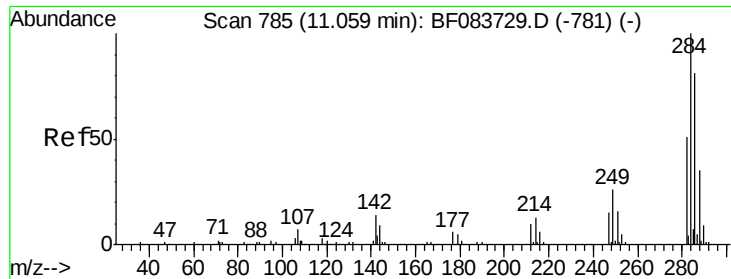
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#66
4-Bromophenyl-phenylether
Concen: 43.04 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	193457		
250	96.8	77.4	116.2	
141	121.4	97.1	145.7	





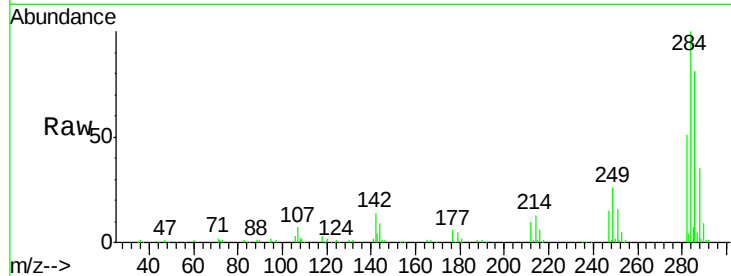
#67
Hexachlorobenzene
Concen: 41.99 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

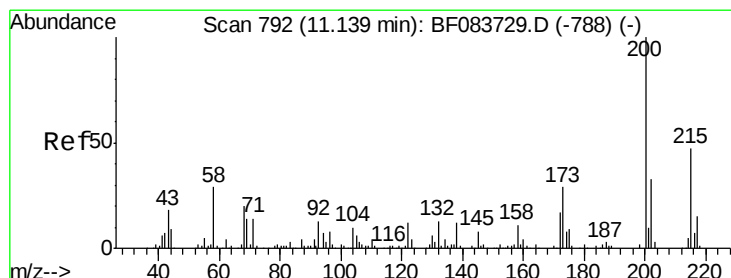
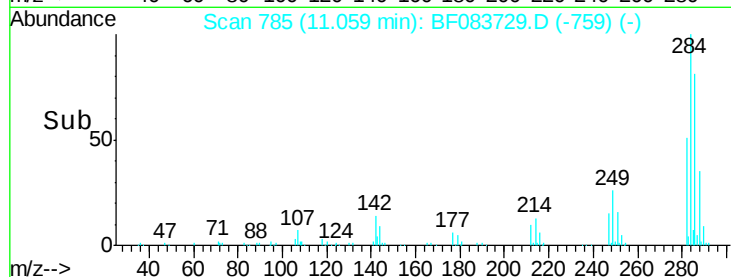
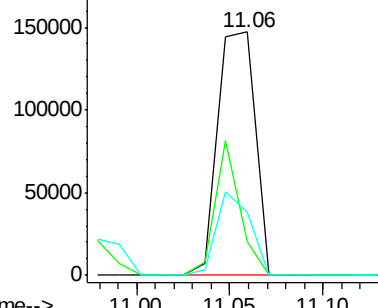
Tot Ion	Ratio	Resp	Lower	Upper
284	100	205141		
142	13.9	11.1	16.7	
249	25.7	20.6	30.8	

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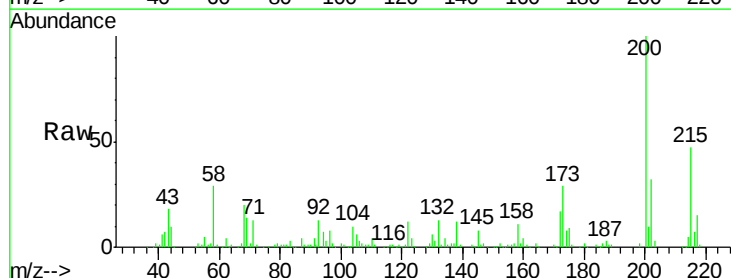


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

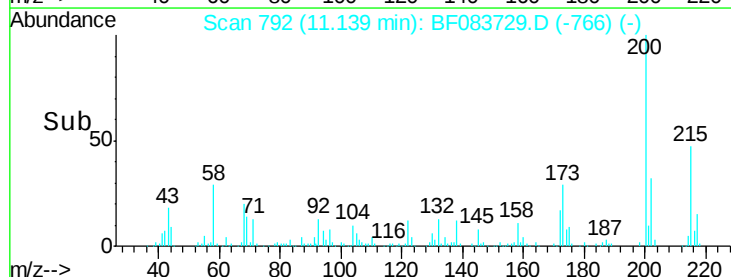
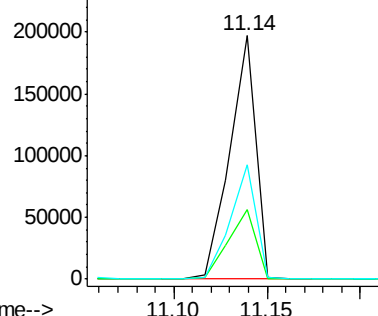


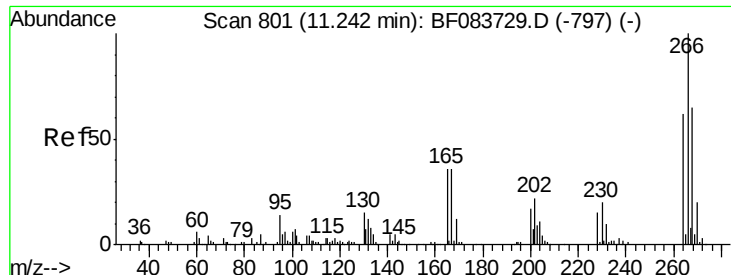
#68
Atrazine
Concen: 47.43 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	193801		
173	28.5	8.5	48.5	
215	46.9	26.9	66.9	



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





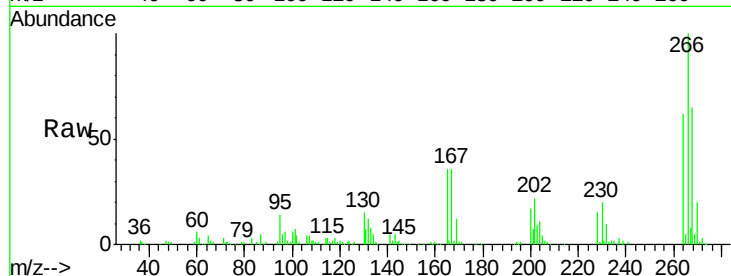
#69
 Pentachlorophenol
 Concen: 47.25 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

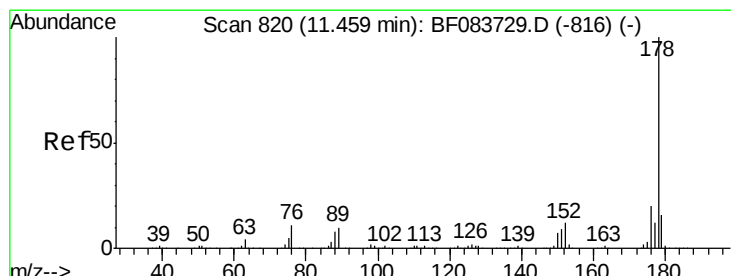
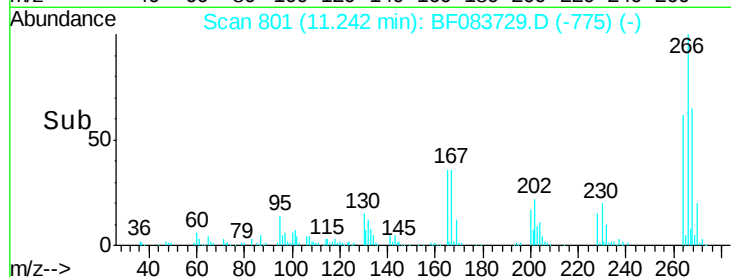
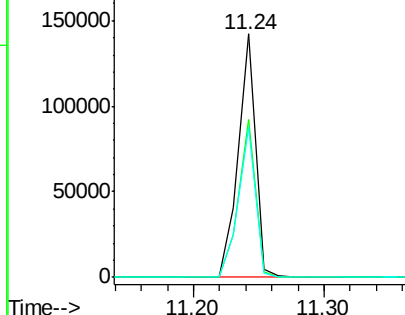
Tot Ion	Ratio	Resp	Lower	Upper
266	100	130226		
268	64.8	51.8	77.8	
264	61.8	49.4	74.2	

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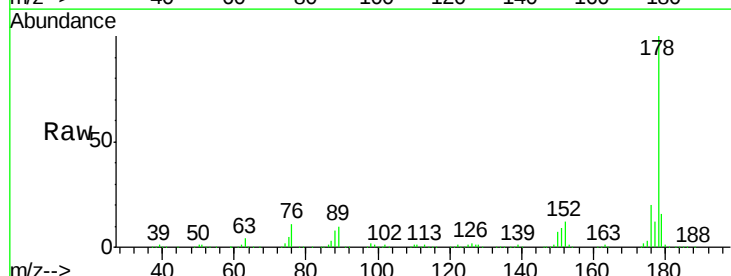


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

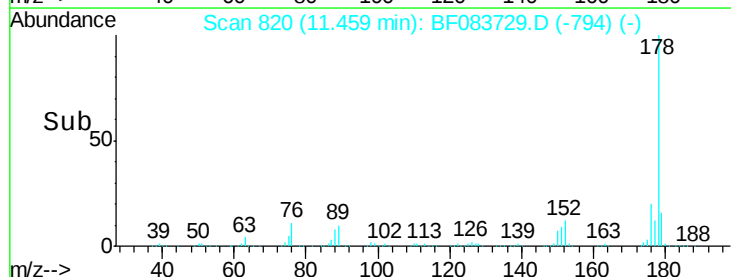
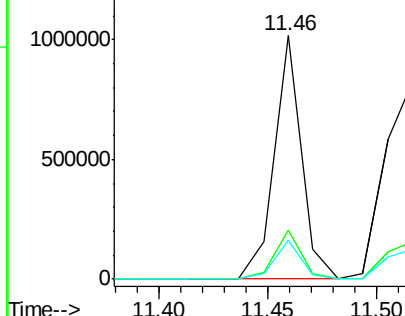


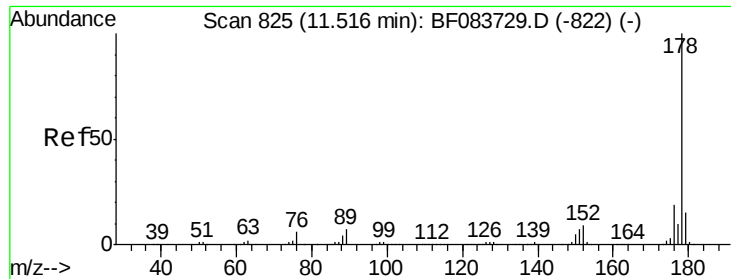
#70
 Phenanthrene
 Concen: 39.78 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	893164		
176	20.1	16.1	24.1	
179	16.1	12.9	19.3	



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





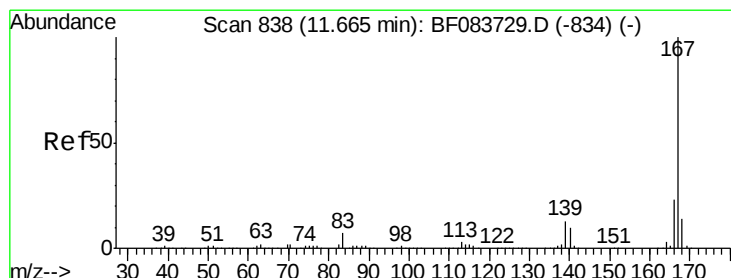
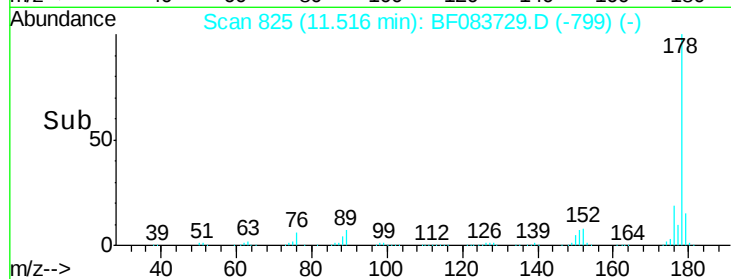
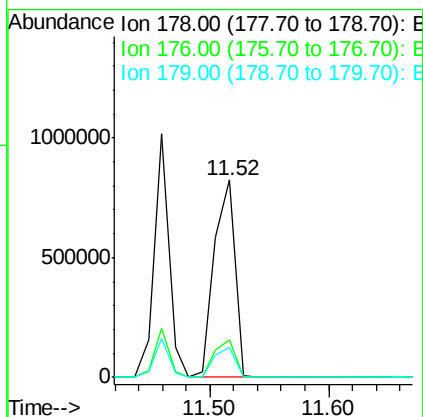
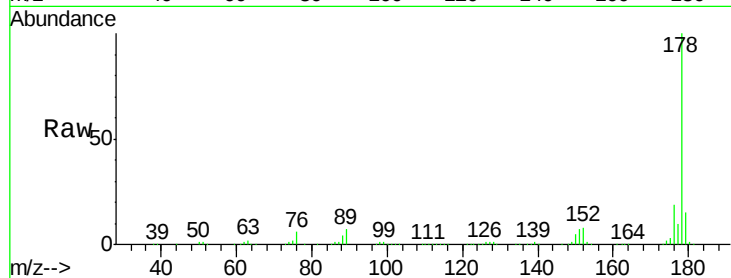
#71
 Anthracene
 Concen: 41.60 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.3	18.5

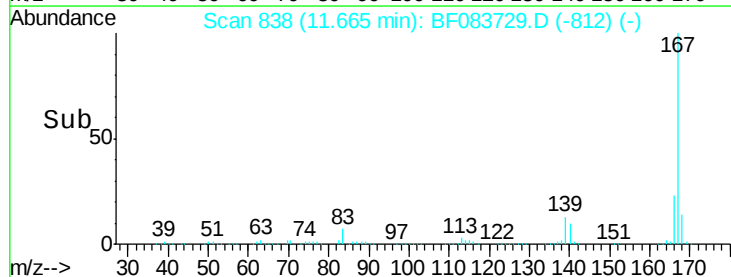
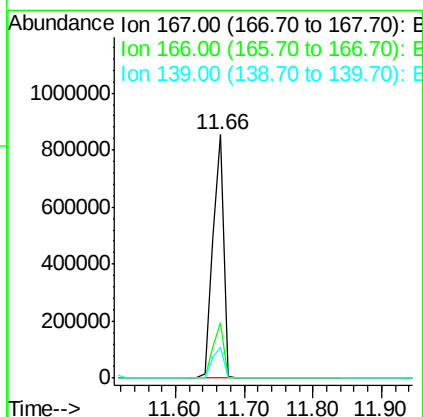
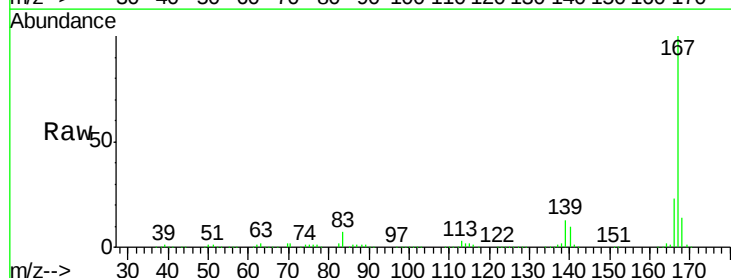
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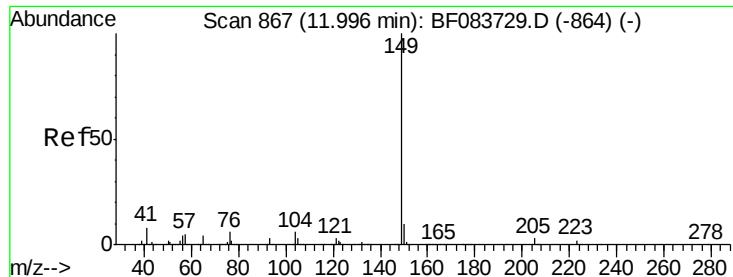
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#72
 Carbazole
 Concen: 42.80 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	12.8	10.2	15.4





#73

Di-n-butylphthalate

Concen: 43.86 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1041522

Ion Ratio Lower Upper

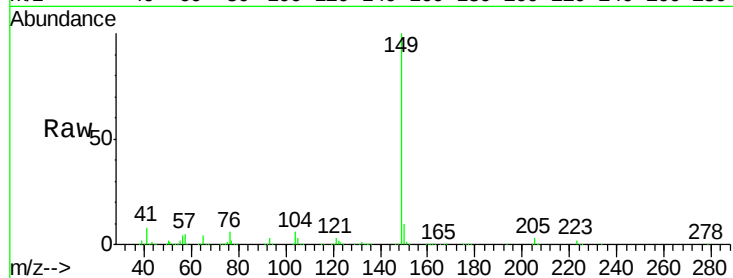
149 100

150 9.7 7.8 11.6

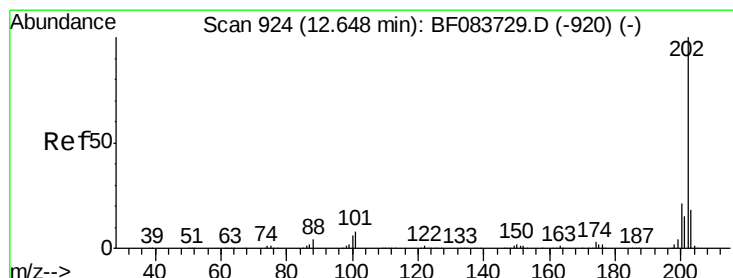
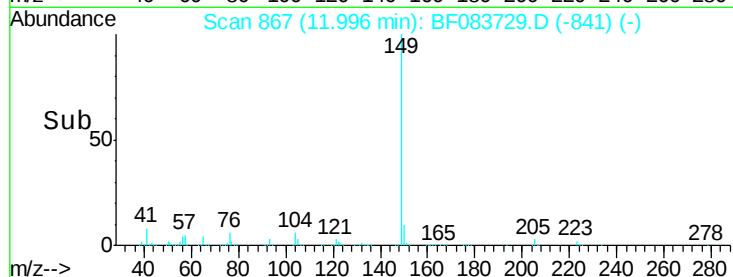
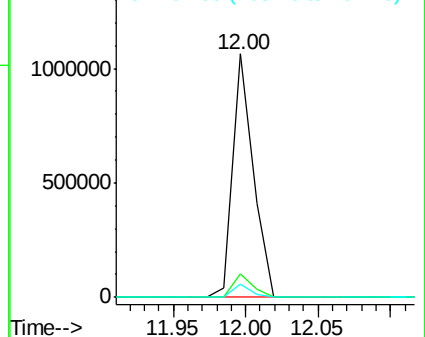
104 5.7 4.6 6.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.54 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

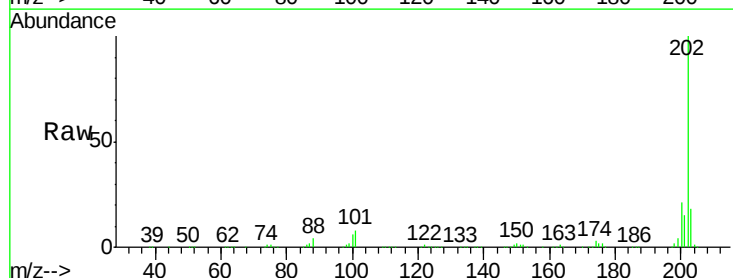
Tgt Ion:202 Resp: 1004864

Ion Ratio Lower Upper

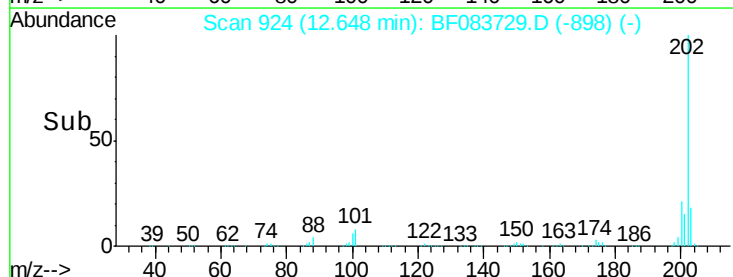
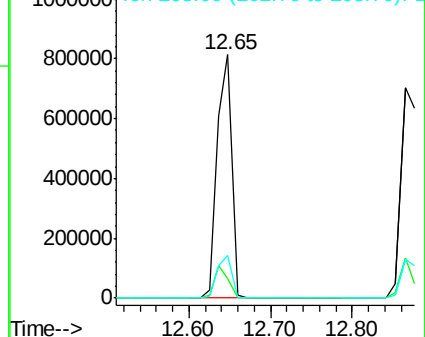
202 100

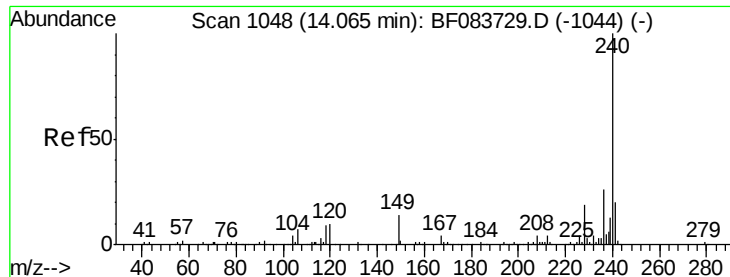
101 8.2 0.0 28.2

203 17.6 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

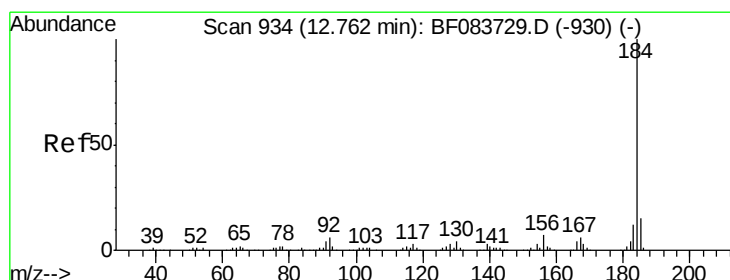
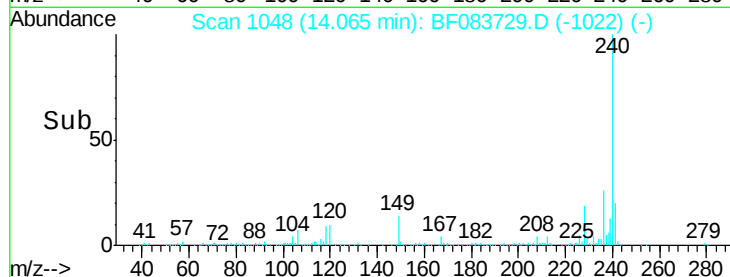
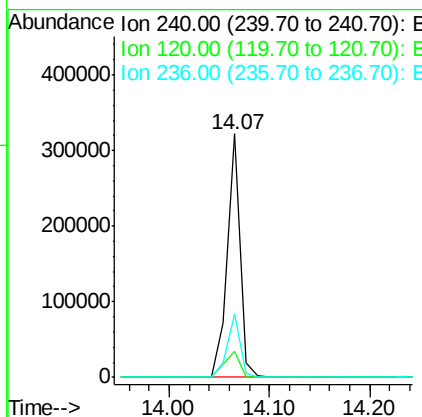
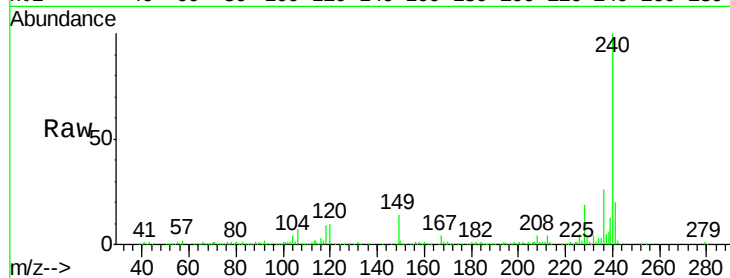
ClientSampleId :

SSTDICCC040

Tot Ion:	240	Resp:	287206
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.4	12.6
236	25.8	20.6	31.0

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#76

Benzidine

Concen: 40.28 ng

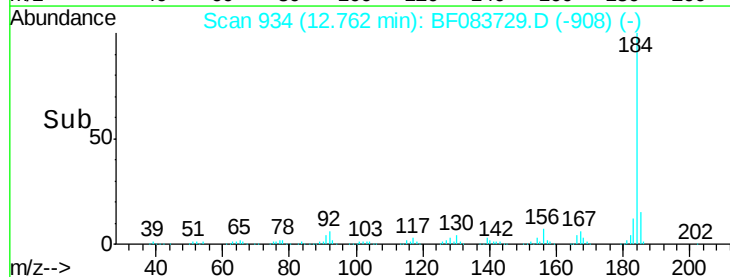
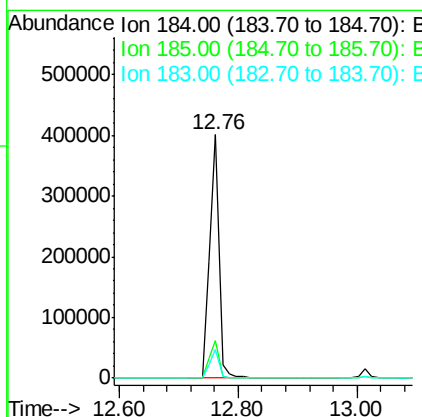
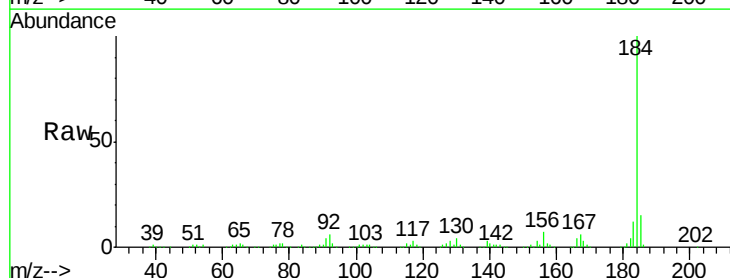
RT: 12.76 min Scan# 934

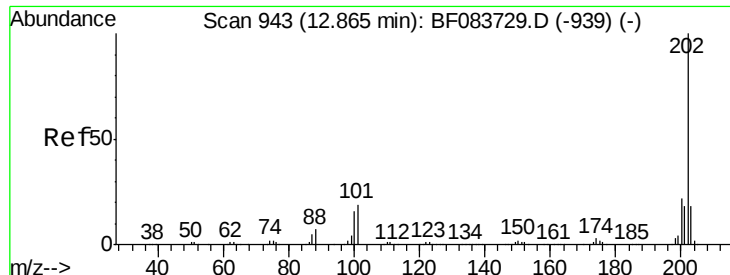
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	184	Resp:	438100
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.4
183	11.9	9.5	14.3





#77

Pvrene

Concen: 41.97 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

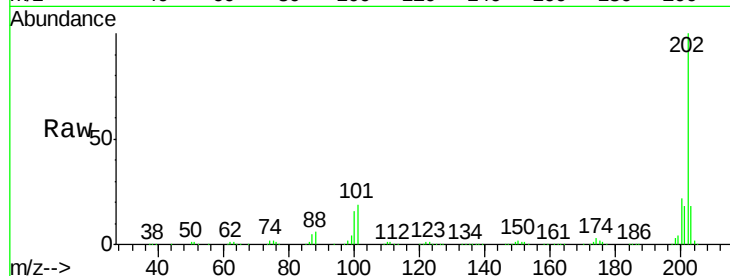
ClientSampleId :

SSTDICCC040

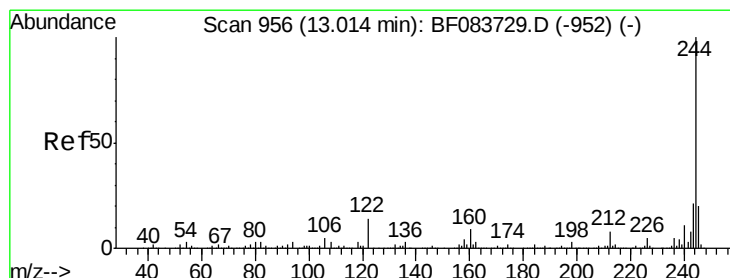
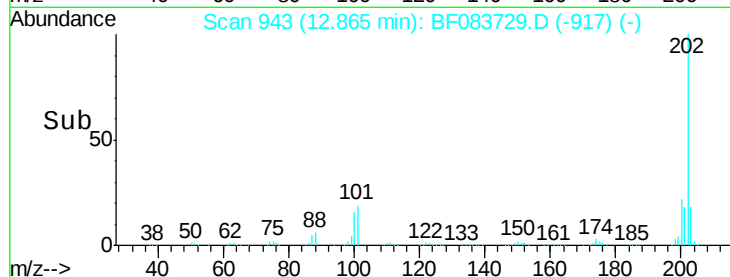
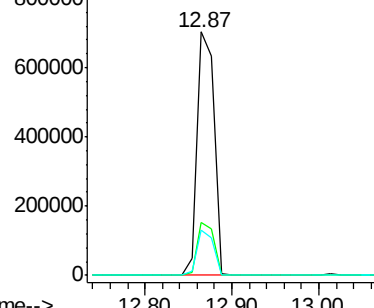
Tot Ion:	202	Resp:	959739
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	18.4	14.7	22.1

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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: 82.93 ng

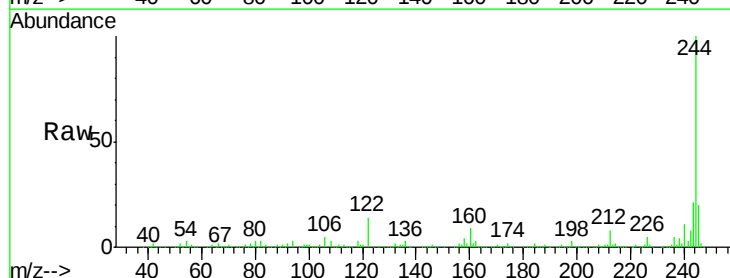
RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

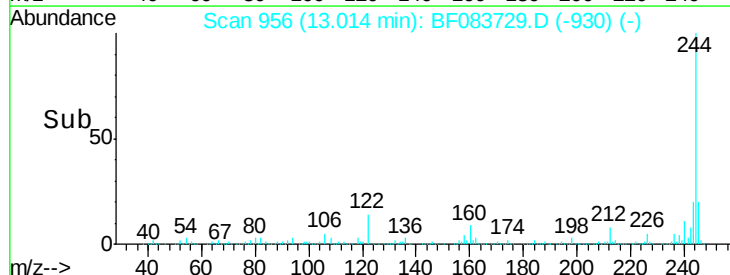
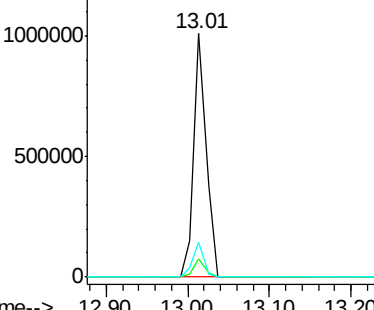
Lab File: BF083729.D

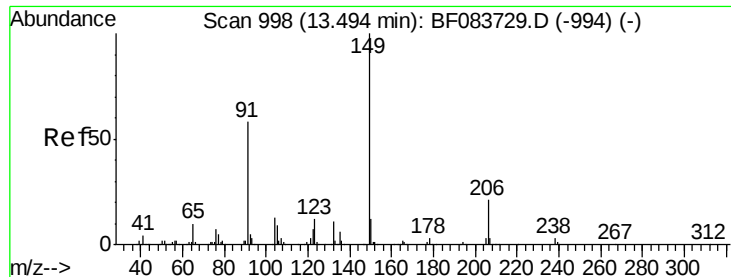
Acq: 13 Dec 2015 15:14

Tgt Ion:	244	Resp:	1062328
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	14.5	11.6	17.4



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: 59.58 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

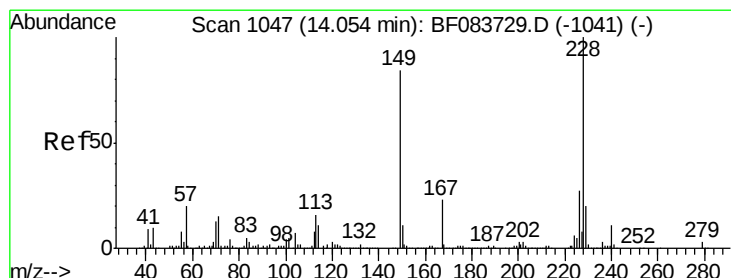
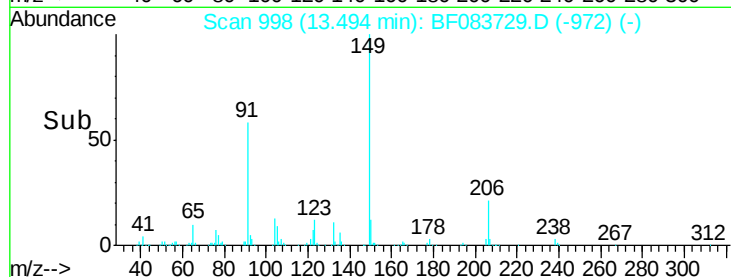
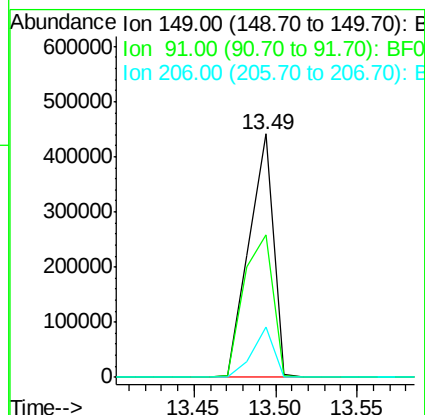
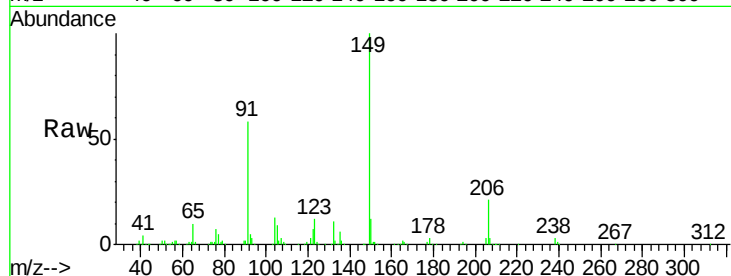
ClientSampleId :

SSTDICCC040

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Tot Ion:	149	Resp:	459823
Ion Ratio	Lower	Upper	
149	100		
91	58.3	46.6	70.0
206	20.6	16.5	24.7



#80

Benzo(a)anthracene

Concen: 41.28 ng

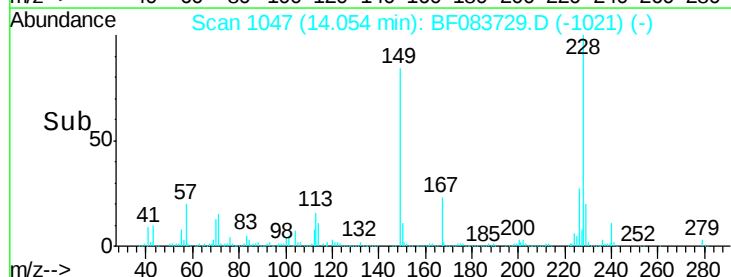
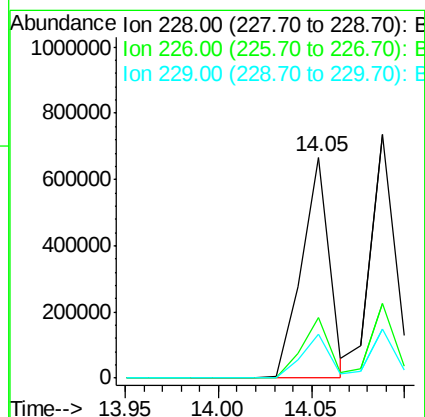
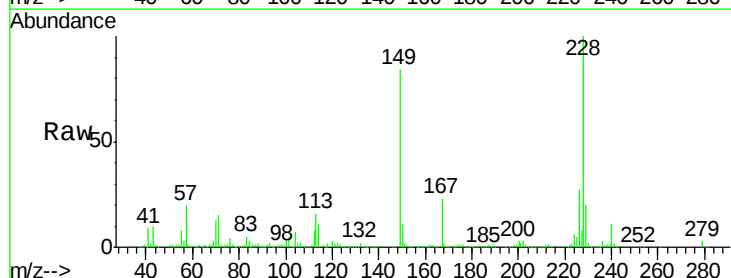
RT: 14.05 min Scan# 1047

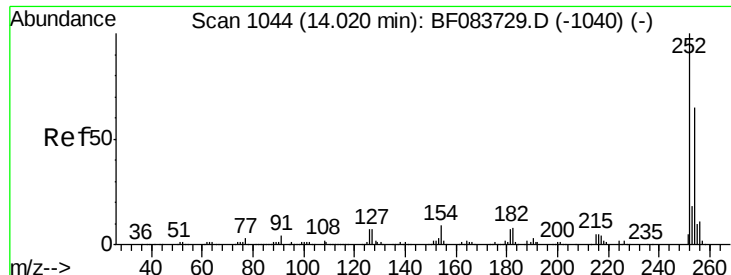
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion:	228	Resp:	694286
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.9	32.9
229	19.8	15.8	23.8





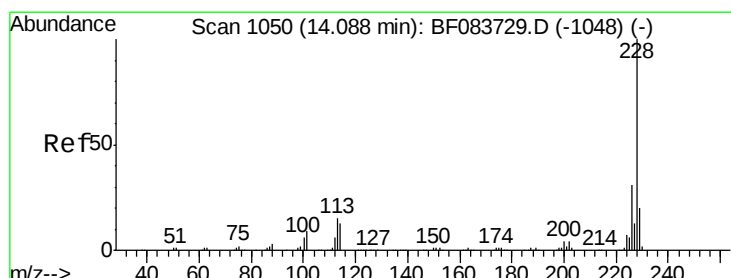
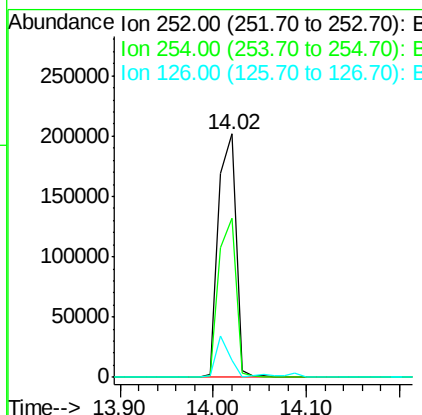
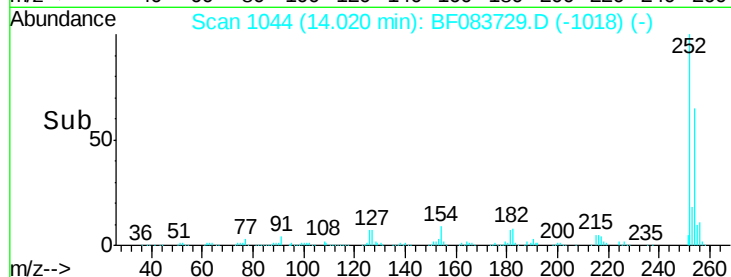
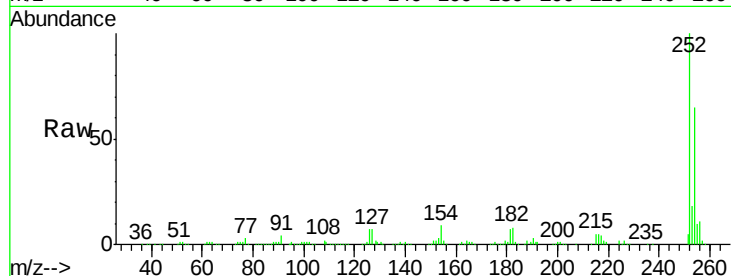
#81
 3,3'-Dichlorobenzidine
 Concen: 47.88 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.2	78.2
126	6.9	5.5	8.3

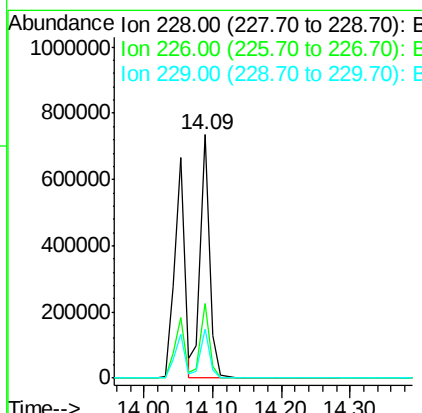
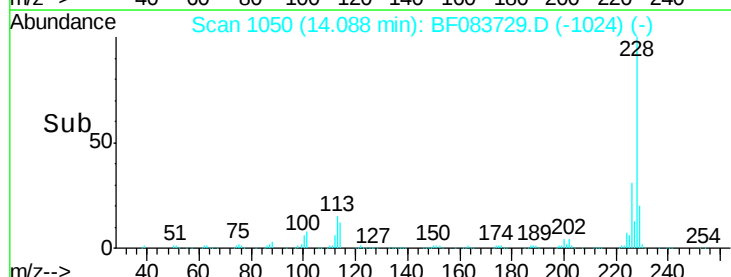
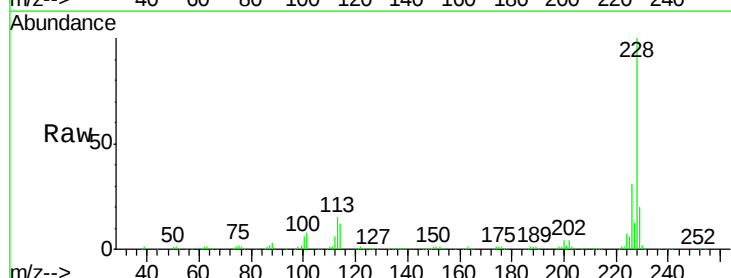
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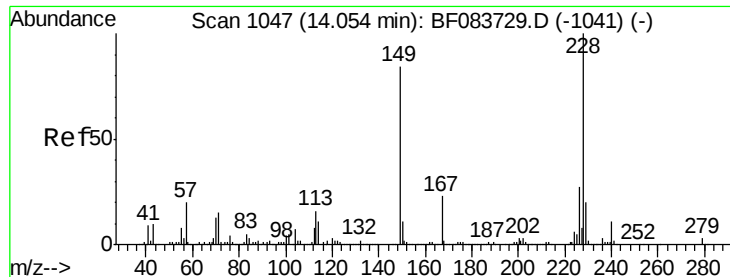
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#82
 Chrysene
 Concen: 41.92 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	20.2	16.2	24.2





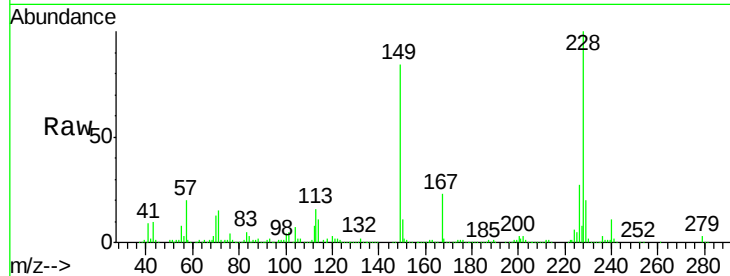
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.70 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

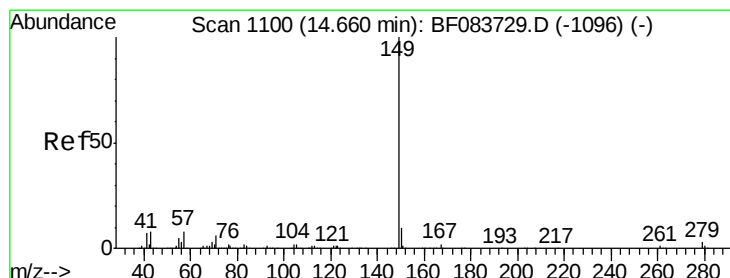
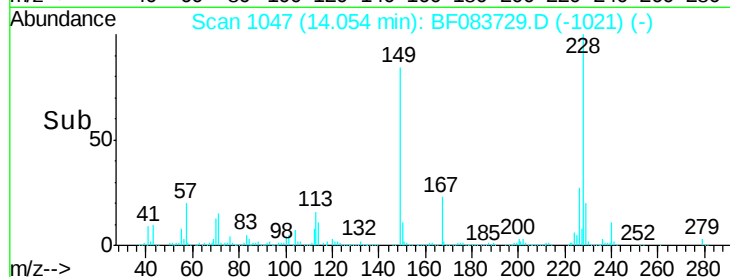
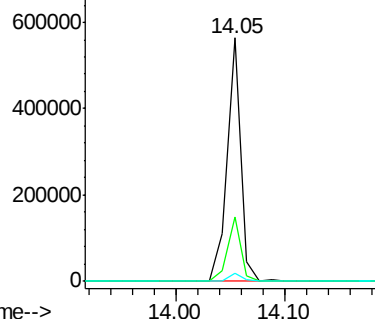
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		498565		
167	26.7	21.4	32.0		
279	3.1	2.5	3.7		

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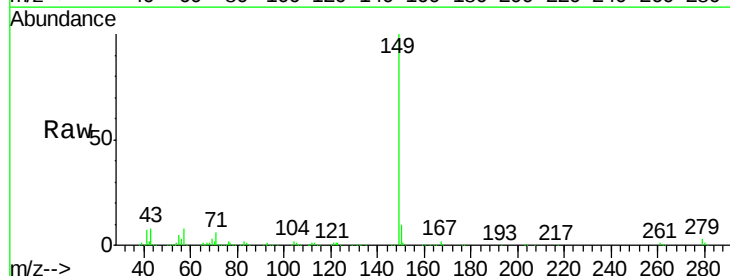


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

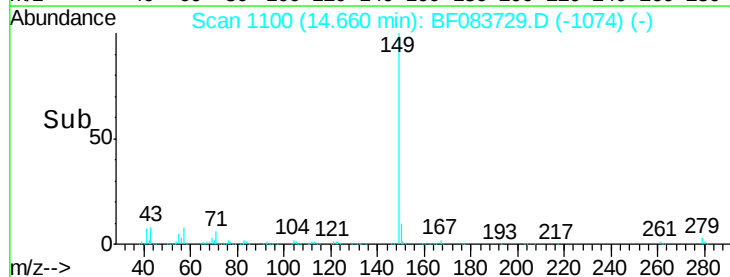
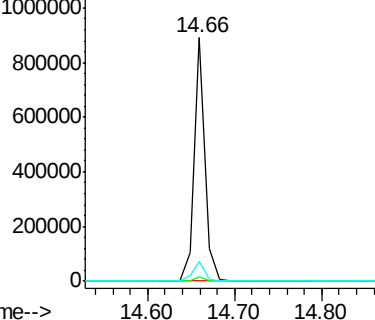


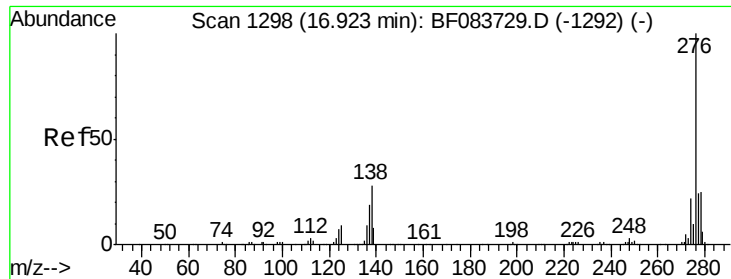
#84
 Di-n-octyl phthalate
 Concen: 60.28 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		776199		
167	1.5	1.2	1.8		
43	9.2	7.4	11.0		



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





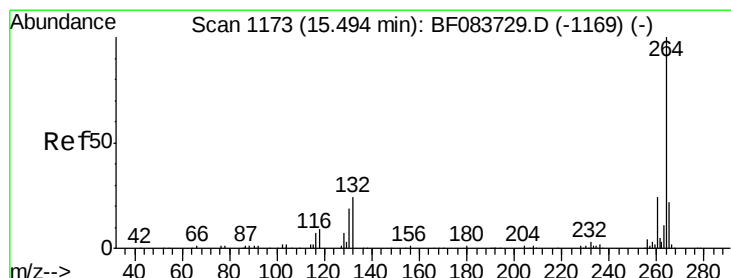
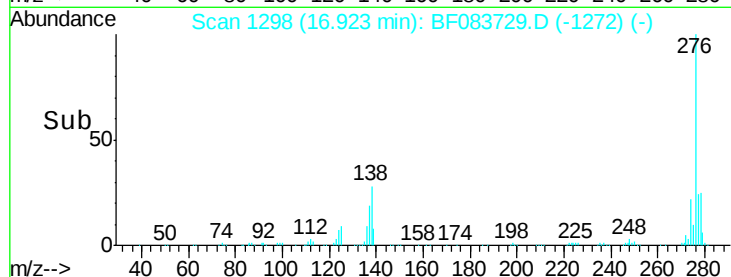
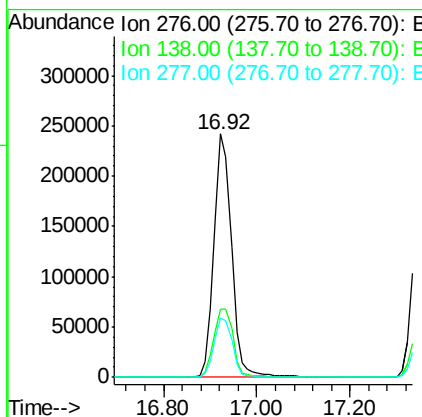
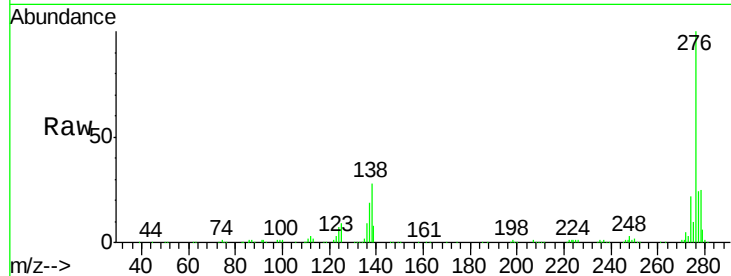
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.83 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.1	37.7
277	25.4	20.3	30.5

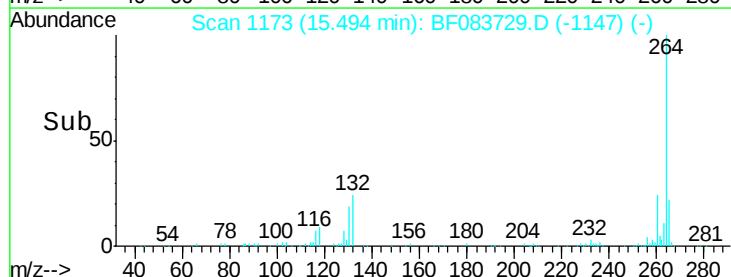
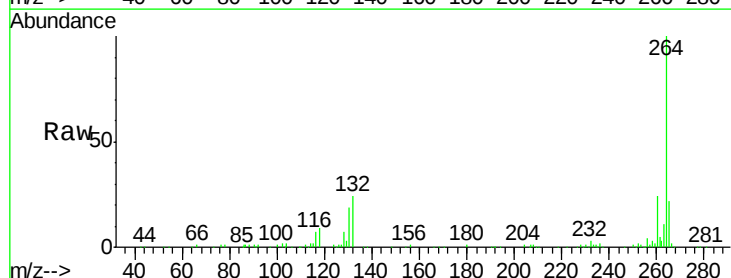
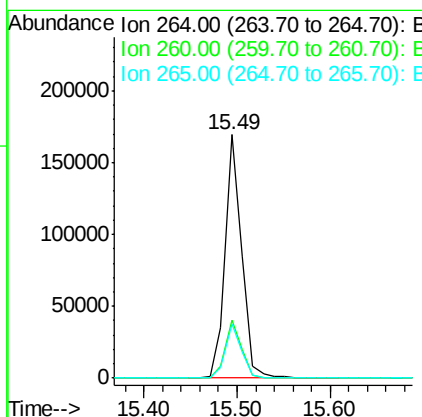
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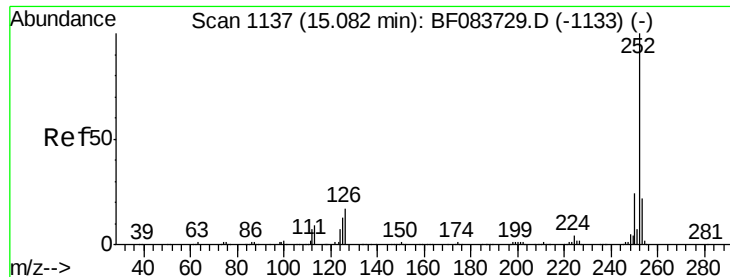
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 42.12 ng

RT: 15.08 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Instrument :

BNA_F

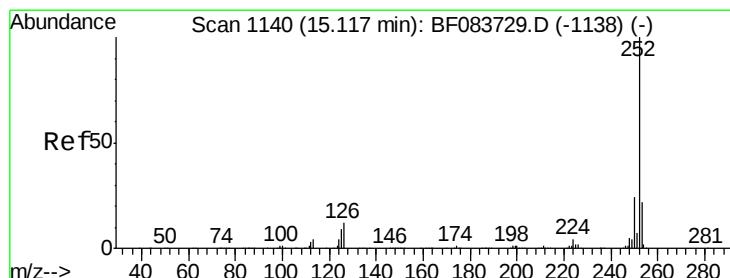
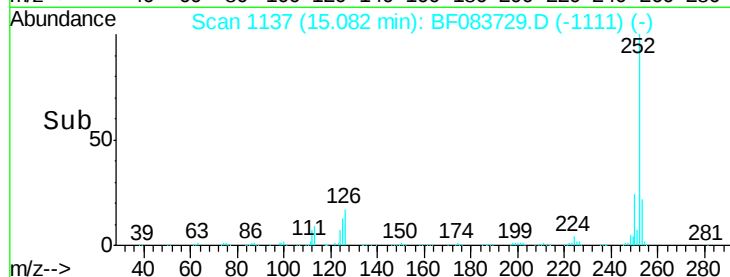
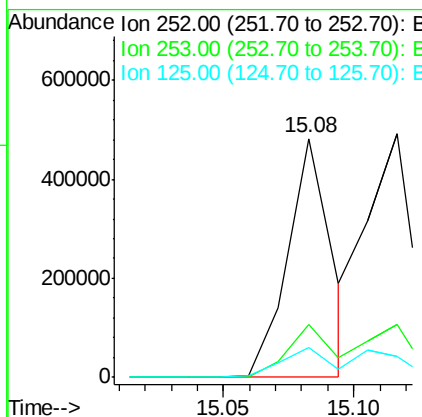
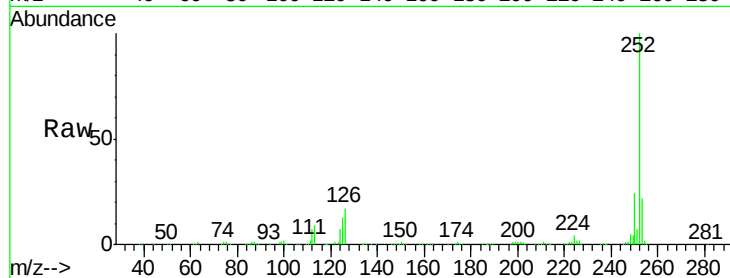
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.6	10.1	15.1

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#88

Benzo(k)fluoranthene

Concen: 46.71 ng m

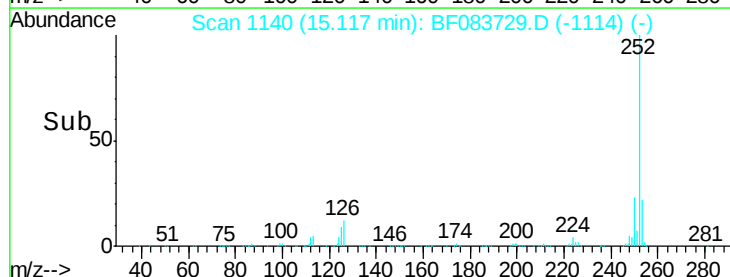
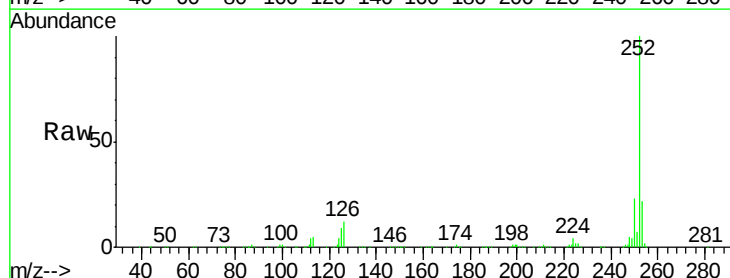
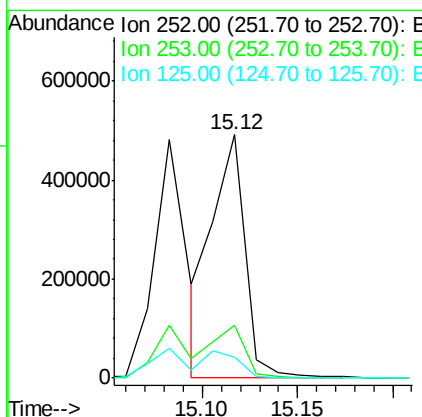
RT: 15.12 min Scan# 1140

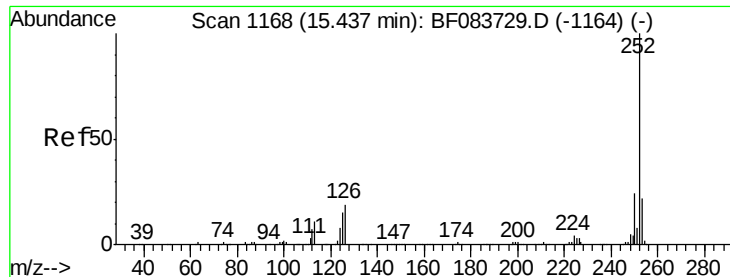
Delta R.T. 0.00 min

Lab File: BF083729.D

Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	8.7	7.0	10.4





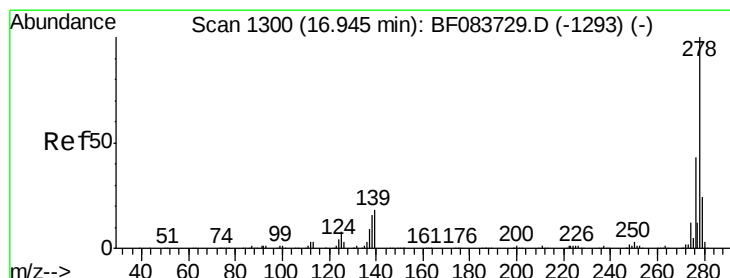
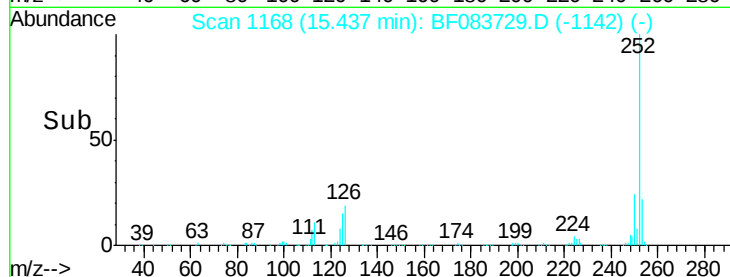
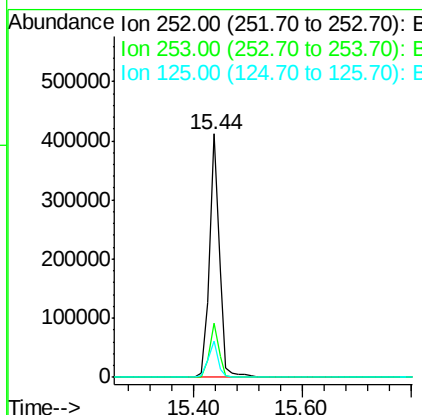
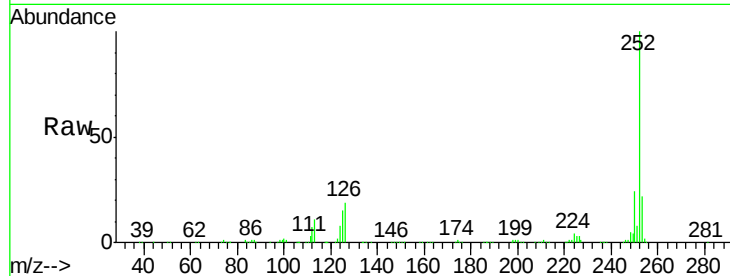
#89
Benzo(a)pyrene
Concen: 43.72 ng
RT: 15.44 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	15.1	12.1	18.1

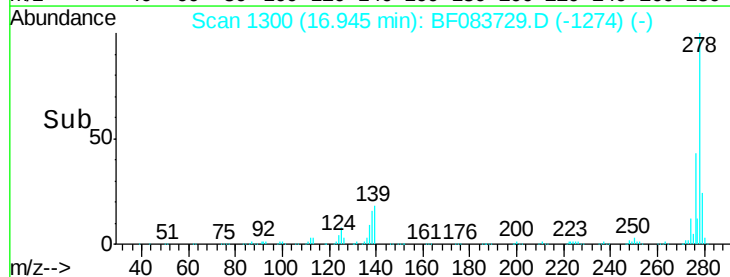
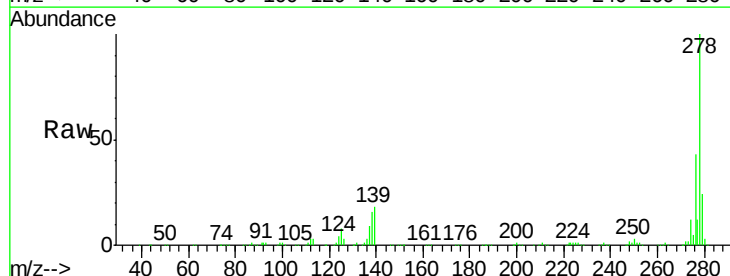
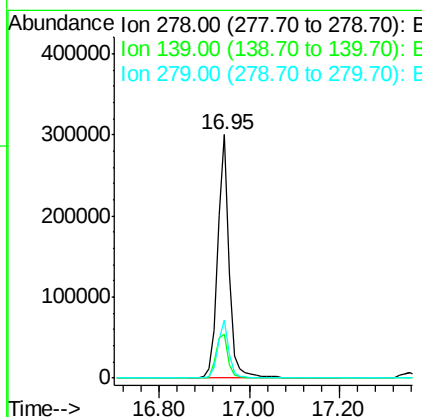
Manual Integrations
APPROVED

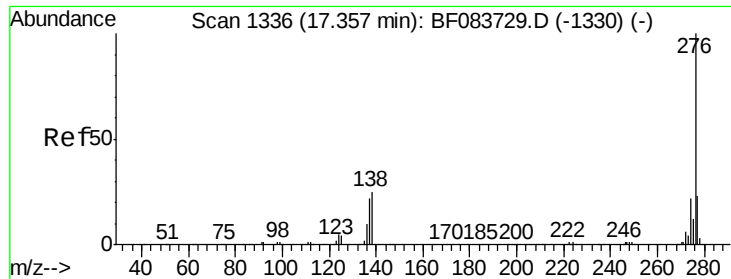
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#90
Dibenzo(a,h)anthracene
Concen: 45.21 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF083729.D
Acq: 13 Dec 2015 15:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.4	21.6
279	23.8	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.27 ng
 RT: 17.36 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF083729.D
 Acq: 13 Dec 2015 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion:	276	Resp:	549299
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.6	27.8
138	25.3	20.2	30.4

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