

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
 Data File : BF084167.D
 Acq On : 31 Dec 2015 00:54
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:41:16 PM

Quant Time: Dec 31 04:00:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 03:17:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	339707	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1391695	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	639820	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	1141633	20.00	ng	0.00
75) Chrysene-d12	14.07	240	816554	20.00	ng	0.00
86) Perylene-d12	15.49	264	601948	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1784243	88.07	ng	0.00
7) Phenol-d6	6.52	99	2113138	83.82	ng	0.00
23) Nitrobenzene-d5	7.47	82	2010645	83.32	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	508124	74.43	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2949098	64.56	ng	0.00
78) Terphenyl-d14	13.01	244	2539426	58.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	418646	49.25	ng	100
3) Pyridine	3.26	79	1199607	55.71	ng	100
4) n-Nitrosodimethylamine	3.21	42	576998	58.86	ng	100
6) Aniline	6.57	93	1590197	49.03	ng	100
8) 2-Chlorophenol	6.68	128	938932	38.23	ng	100
9) Benzaldehyde	6.44	77	652108	47.51	ng	100
10) Phenol	6.53	94	1125735	39.29	ng	100
11) bis(2-Chloroethyl)ether	6.64	93	881915	42.48	ng	100
12) 1,3-Dichlorobenzene	6.84	146	969044	36.34	ng	100
13) 1,4-Dichlorobenzene	6.92	146	1046170	38.60	ng	100
14) 1,2-Dichlorobenzene	7.07	146	860886	34.70	ng	100
15) Benzyl Alcohol	7.05	79	970824	49.56	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1659062	71.54	ng	100
17) 2-Methylphenol	7.15	107	784775	40.57	ng	100
18) Hexachloroethane	7.42	117	394008	39.59	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	691479	44.16	ng	100
20) 3+4-Methylphenols	7.31	107	1020507	41.53	ng	100
22) Acetophenone	7.31	105	1307218	37.88	ng	100
24) Nitrobenzene	7.48	77	959152	38.42	ng	100
25) Isophorone	7.73	82	1942339	43.44	ng	100
26) 2-Nitrophenol	7.80	139	439128	34.70	ng	100
27) 2,4-Dimethylphenol	7.84	122	829208m	39.18	ng	
28) bis(2-Chloroethoxy)methane	7.94	93	1064232	40.60	ng	100
29) 2,4-Dichlorophenol	8.04	162	791866	39.49	ng	100
30) 1,2,4-Trichlorobenzene	8.13	180	837562	38.62	ng	100
31) Naphthalene	8.21	128	2609134	35.85	ng	100
32) Benzoic acid	7.95	122	651009m	56.91	ng	
33) 4-Chloroaniline	8.26	127	1212469	40.54	ng	100
34) Hexachlorobutadiene	8.34	225	468506	37.55	ng	100
35) Caprolactam	8.64	113	275563	48.60	ng	100
36) 4-Chloro-3-methylphenol	8.74	107	933317	41.55	ng	100
37) 2-Methylnaphthalene	8.90	142	1681375	36.31	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	766565	38.37	ng	100
40) Hexachlorocyclopentadiene	9.06	237	470662	87.01	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	522311	39.68	ng	100
43) 2,4,5-Trichlorophenol	9.21	196	534867	40.64	ng	100
45) 1,1'-Biphenyl	9.37	154	1948307	34.78	ng	100
46) 2-Chloronaphthalene	9.39	162	1485020	34.67	ng	100
47) 2-Nitroaniline	9.48	65	506555	43.12	ng	100
48) Acenaphthylene	9.80	152	2462769	34.64	ng	100
49) Dimethylphthalate	9.68	163	1916529	36.53	ng	100
50) 2,6-Dinitrotoluene	9.73	165	419270	38.11	ng	100
51) Acenaphthene	9.98	154	1647330	39.14	ng	100
52) 3-Nitroaniline	9.89	138	439810	37.29	ng	100
53) 2,4-Dinitrophenol	10.00	184	182047	54.61	ng	100
54) Dibenzofuran	10.16	168	2260085	38.90	ng	100
55) 4-Nitrophenol	10.04	139	406940	59.55	ng	100
56) 2,4-Dinitrotoluene	10.13	165	541697	36.66	ng	100
57) Fluorene	10.50	166	1595469	33.15	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	443832	46.15	ng	100
59) Diethylphthalate	10.37	149	1914993	35.67	ng	100
60) 4-Chlorophenyl-phenylether	10.49	204	762032	34.05	ng	100
61) 4-Nitroaniline	10.51	138	493830	43.76	ng	100
62) Azobenzene	10.65	77	2145337	46.82	ng	100
64) 4,6-Dinitro-2-methylphenol	10.53	198	246300	38.59	ng	100
65) n-Nitrosodiphenylamine	10.60	169	1386706	35.04	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	531221	40.20	ng	100
67) Hexachlorobenzene	11.04	284	511095	35.66	ng	100
68) Atrazine	11.13	200	464625	37.70	ng	100
69) Pentachlorophenol	11.23	266	373775	77.24	ng	100
70) Phenanthrene	11.45	178	2496400	37.46	ng	100
71) Anthracene	11.50	178	2413108	34.69	ng	100
72) Carbazole	11.65	167	2088392	35.13	ng	100
73) Di-n-butylphthalate	12.00	149	2667091	34.85	ng	100
74) Fluoranthene	12.64	202	2299778	32.81	ng	100
76) Benzidine	12.76	184	1317102	46.25	ng	100
77) Pyrene	12.87	202	2340948	34.42	ng	100
79) Butylbenzylphthalate	13.49	149	1134249	39.11	ng	100
80) Benzo(a)anthracene	14.05	228	1887189	37.90	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	752285	48.45	ng	100
82) Chrysene	14.09	228	1545067	34.68	ng	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	1239404	33.94	ng	100
84) Di-n-octyl phthalate	14.67	149	2145420	40.76	ng	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	1443452	32.34	ng	100
87) Benzo(b)fluoranthene	15.08	252	1788898m	40.03	ng	
88) Benzo(k)fluoranthene	15.12	252	1126474m	37.35	ng	
89) Benzo(a)pyrene	15.44	252	1382877	37.69	ng	100
90) Dibenzo(a,h)anthracene	16.95	278	1180796	33.80	ng	100
91) Benzo(g,h,i)perylene	17.35	276	1232360	34.45	ng	100

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

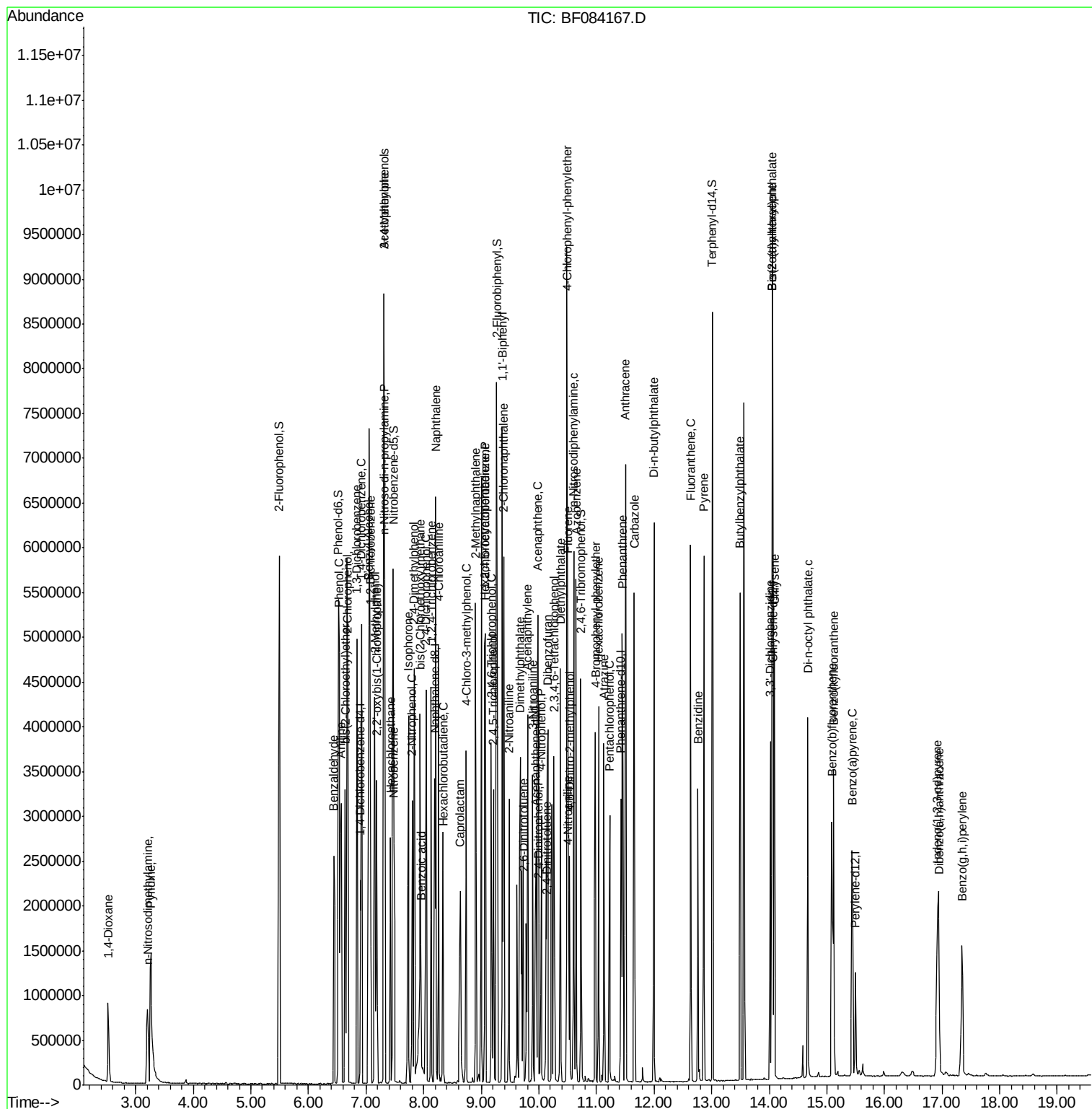
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Operator  : UM/SJ  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
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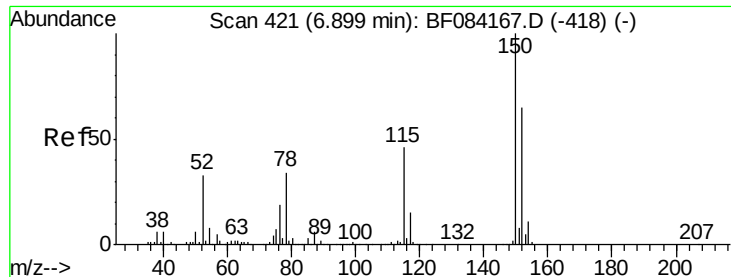
Instrument :
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#1

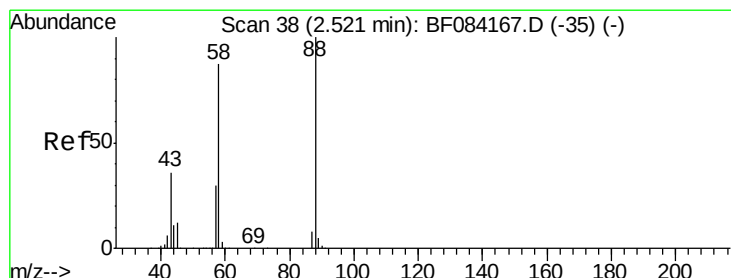
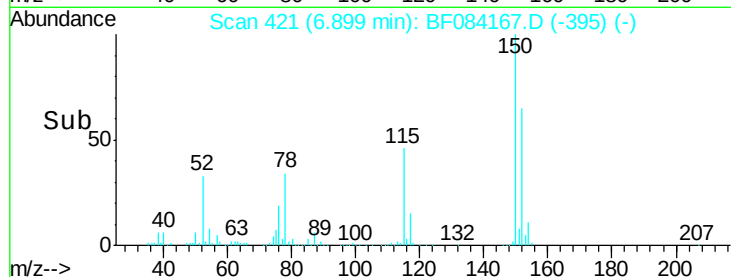
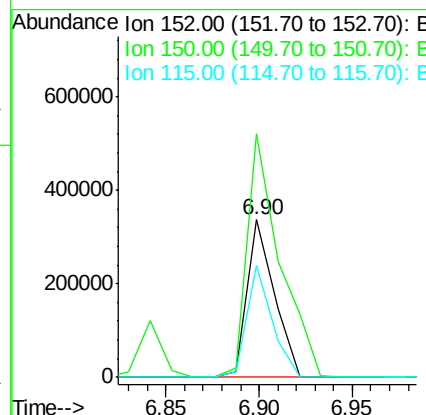
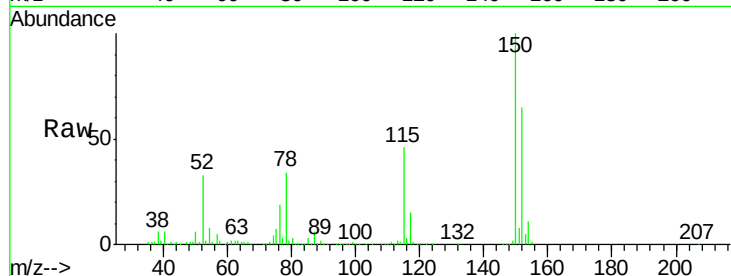
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.8
115	71.4	57.1	85.7

Manual Integrations
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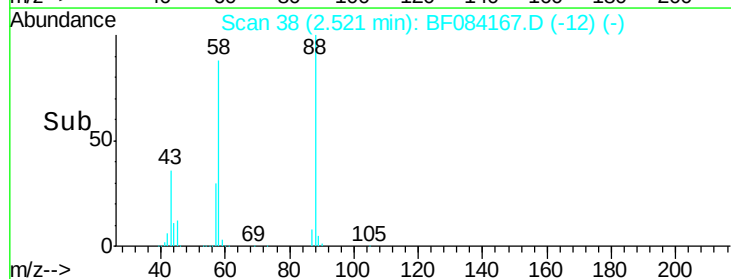
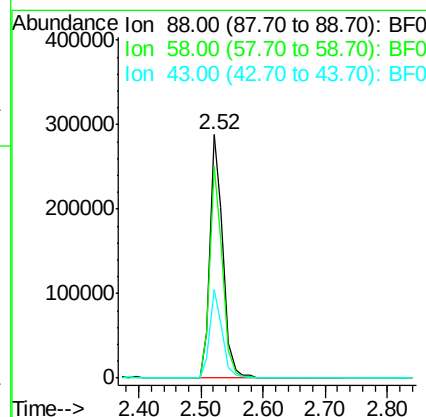
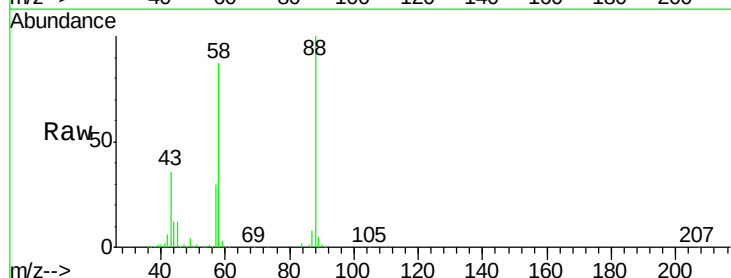
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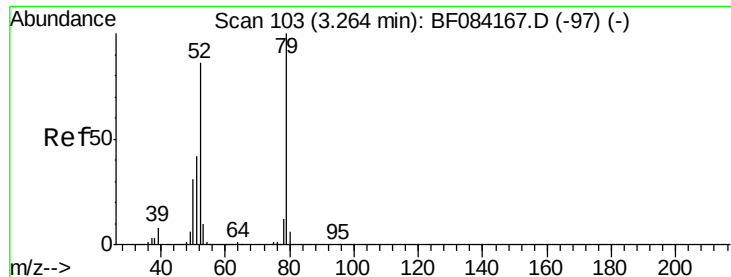


#2

1,4-Dioxane
Concen: 49.25 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	67.8	101.6
43	34.8	27.8	41.8





#3

Pvridine

Concen: 55.71 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 79 Resp: 1199607

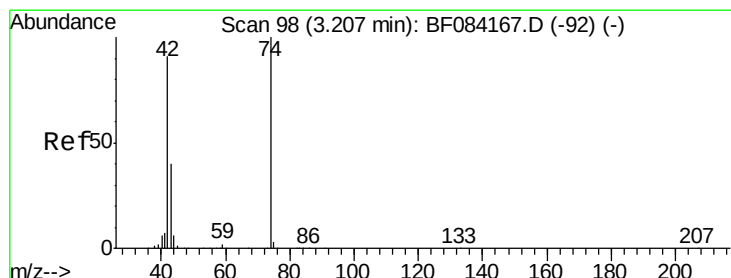
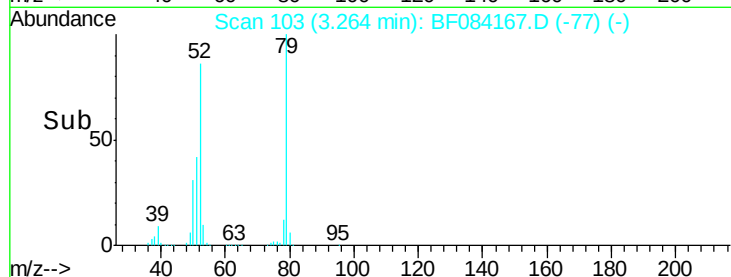
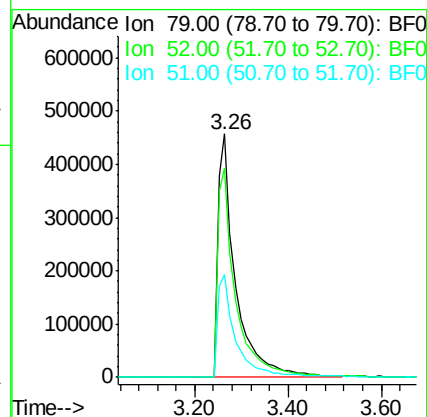
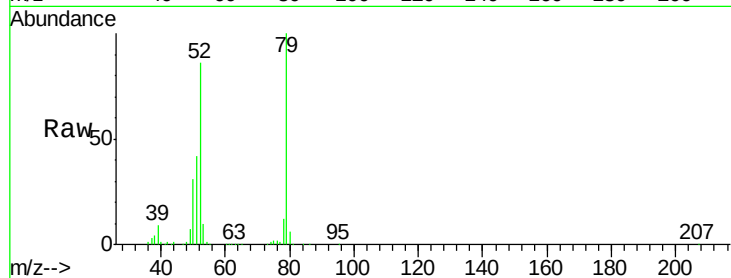
Ion	Ratio	Lower	Upper
79	100		
52	85.6	68.5	102.7
51	42.1	33.7	50.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 58.86 ng

RT: 3.21 min Scan# 98

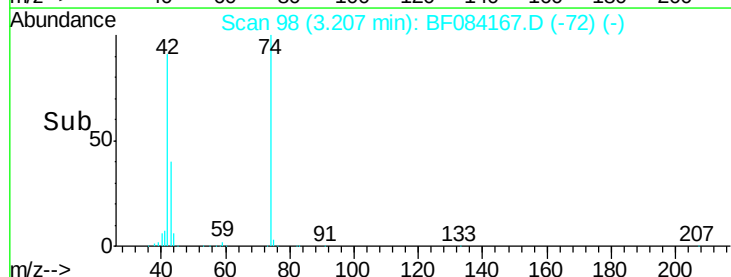
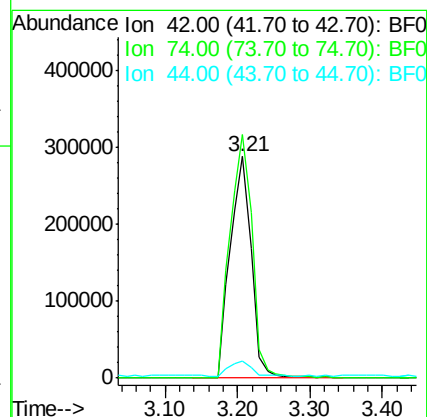
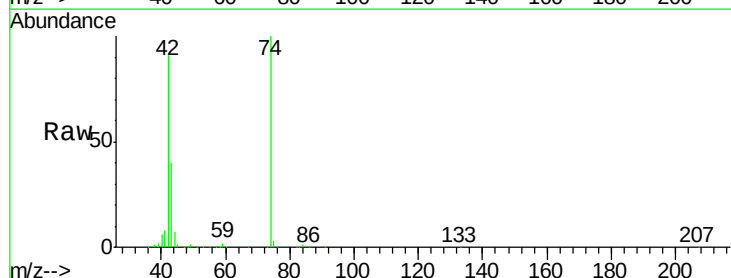
Delta R.T. 0.00 min

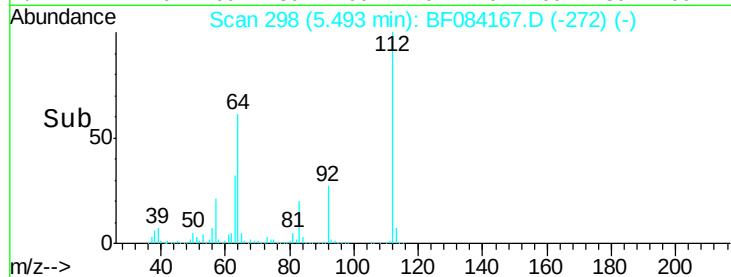
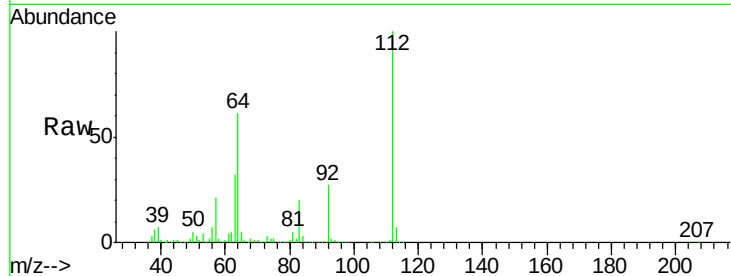
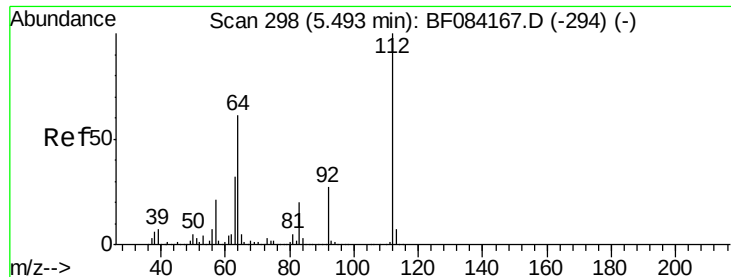
Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion: 42 Resp: 576998

Ion	Ratio	Lower	Upper
42	100		
74	109.8	87.8	131.8
44	7.9	6.3	9.5





#5

2-Fluorophenol

Concen: 88.07 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tot Ion:	112	Resp:	1784243
Ion	Ratio	Lower	Upper
112	100		
64	60.9	48.7	73.1
63	32.4	25.9	38.9

Instrument :

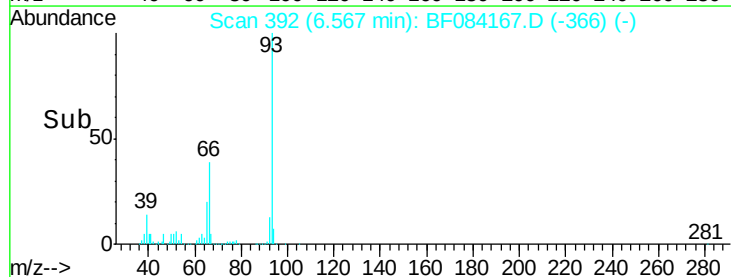
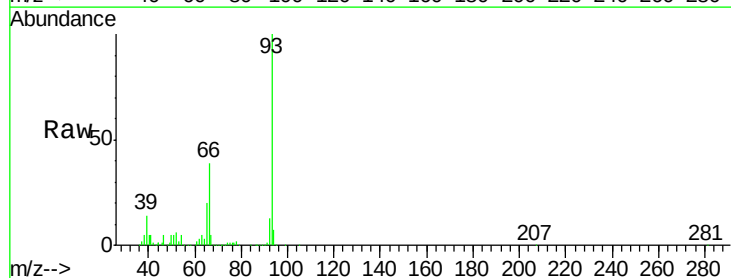
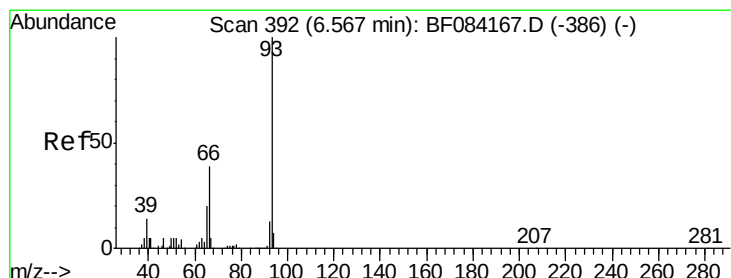
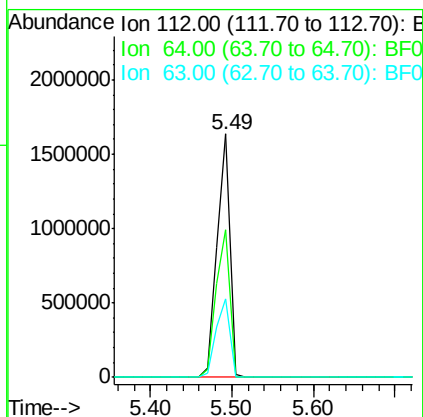
BNA_F

ClientSampleId :

SSTDICCC040

Manual Integrations
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#6

Aniline

Concen: 49.03 ng

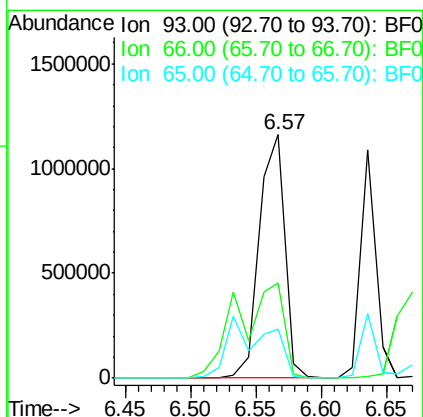
RT: 6.57 min Scan# 392

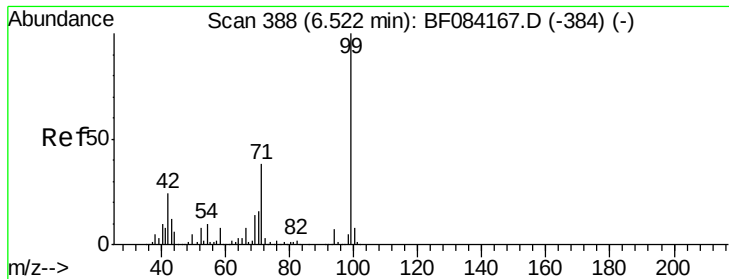
Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion:	93	Resp:	1590197
Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.2	46.8
65	20.3	16.2	24.4





#7

Phenol-d6

Concen: 83.82 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 2113138

Ion Ratio Lower Upper

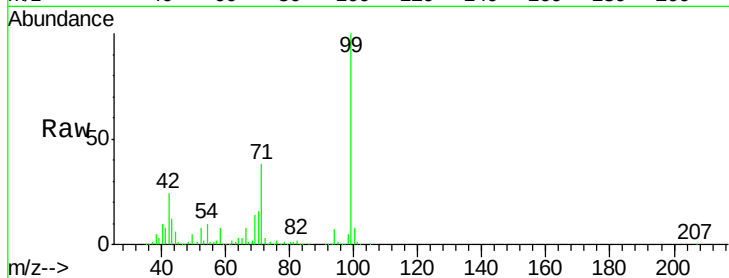
99 100

42 24.0 19.2 28.8

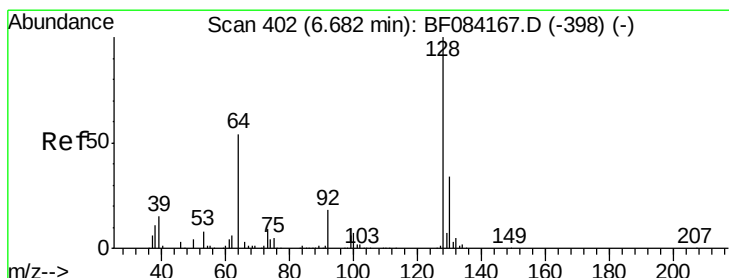
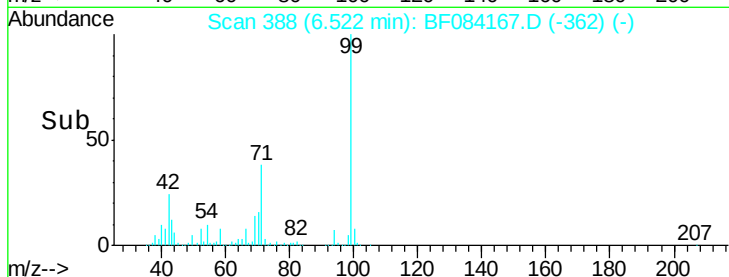
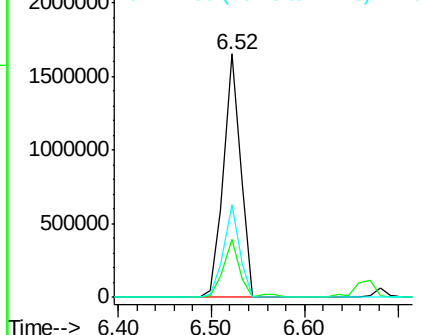
71 38.0 30.4 45.6

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.23 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

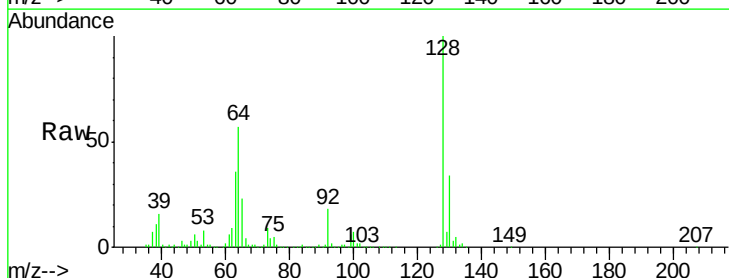
Tgt Ion: 128 Resp: 938932

Ion Ratio Lower Upper

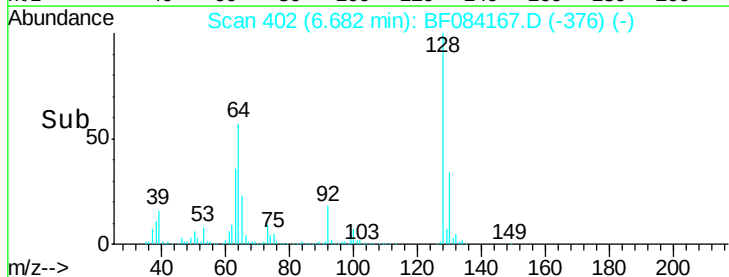
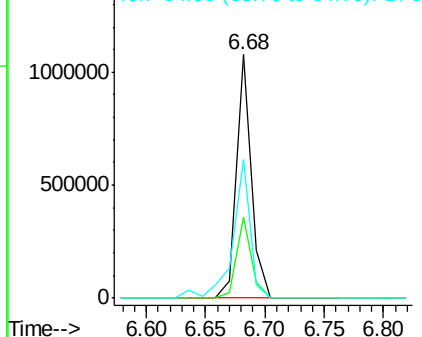
128 100

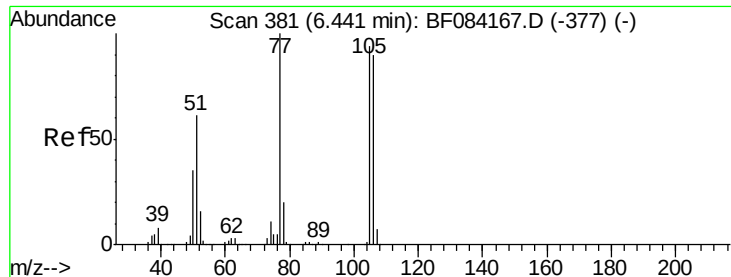
130 33.5 13.5 53.5

64 56.9 36.9 76.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 47.51 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

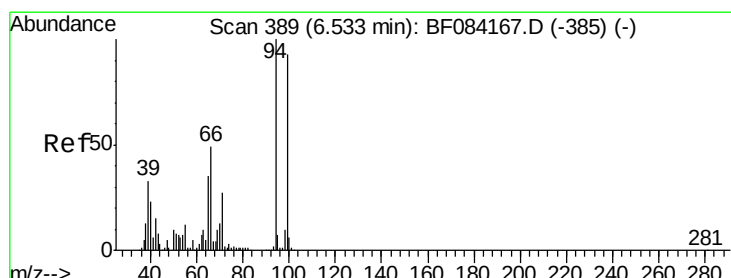
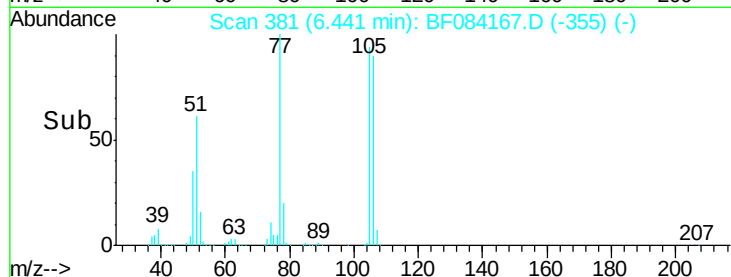
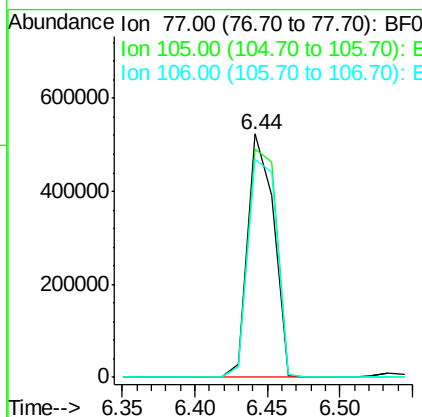
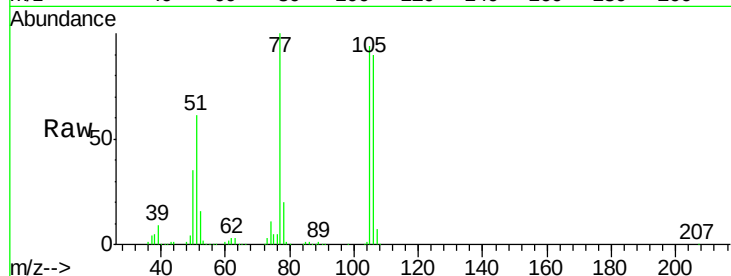
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	652108
Ion	Ratio	Lower	Upper
77	100		
105	93.7	73.7	113.7
106	89.5	69.5	109.5

Manual Integrations
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#10

Phenol

Concen: 39.29 ng

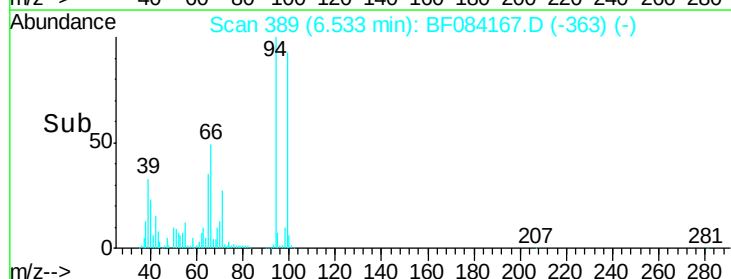
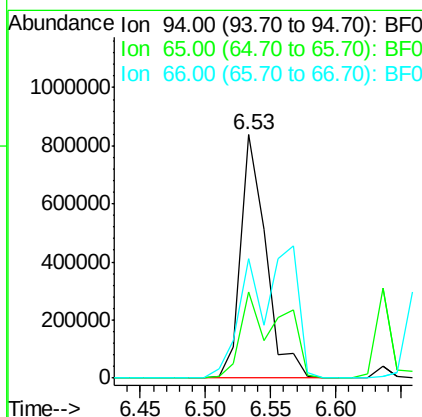
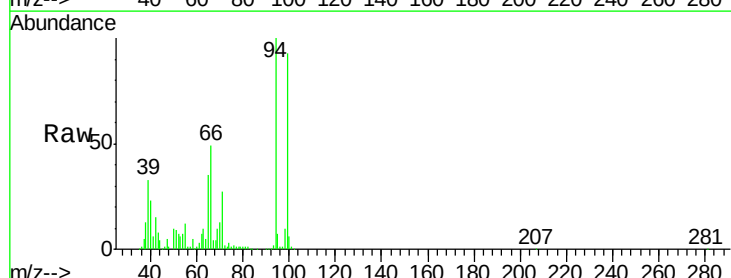
RT: 6.53 min Scan# 389

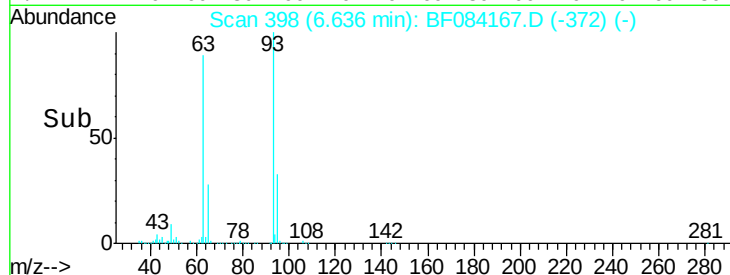
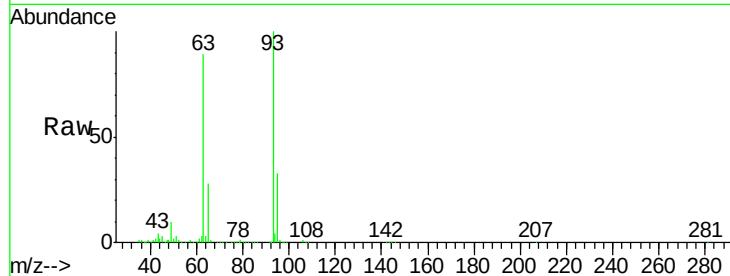
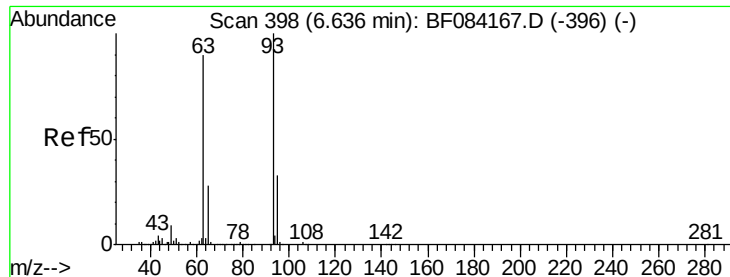
Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion:	94	Resp:	1125735
Ion	Ratio	Lower	Upper
94	100		
65	35.2	15.2	55.2
66	49.0	29.0	69.0





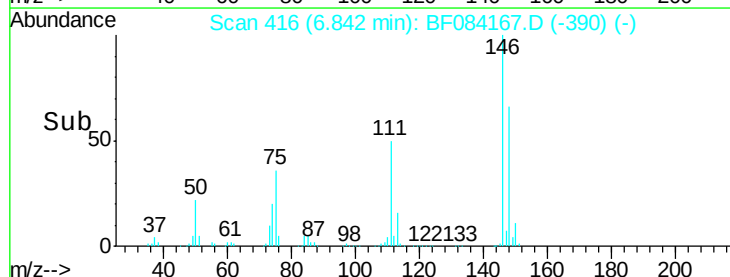
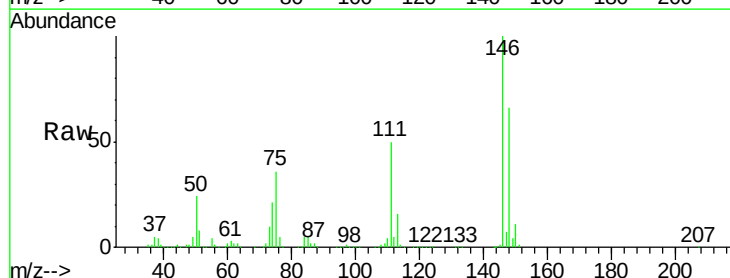
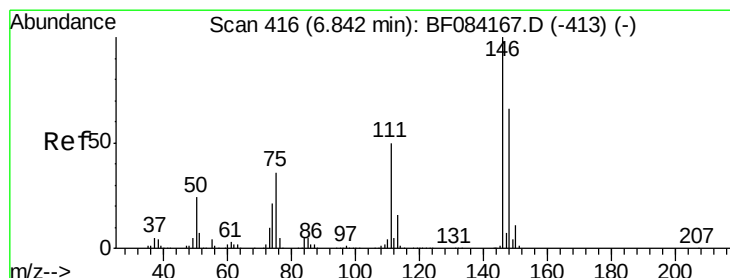
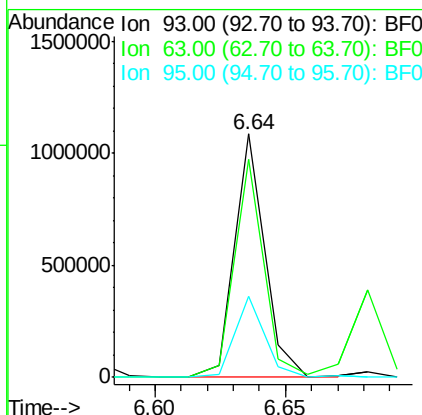
#11
bis(2-Chloroethyl)ether
Concen: 42.48 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tot Ion	Ratio	Resp	Lower	Upper
93	100	881915		
63	89.5	69.5	109.5	
95	33.5	13.5	53.5	

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

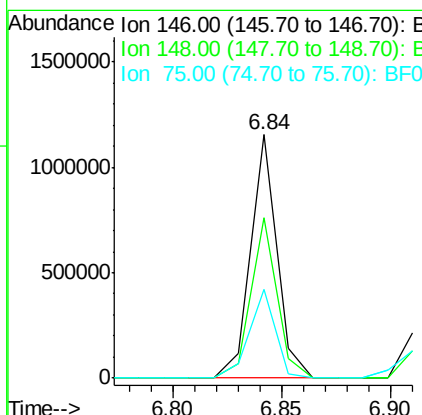
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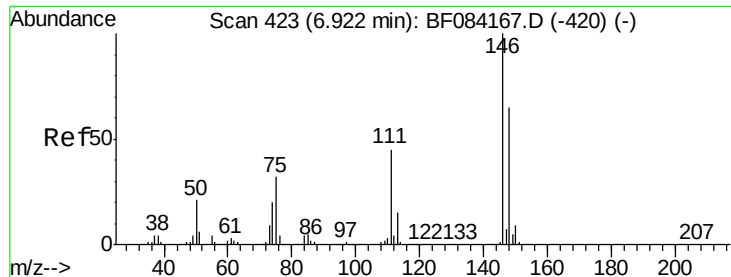
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.34 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	969044		
148	65.8	52.6	79.0	
75	36.5	29.2	43.8	





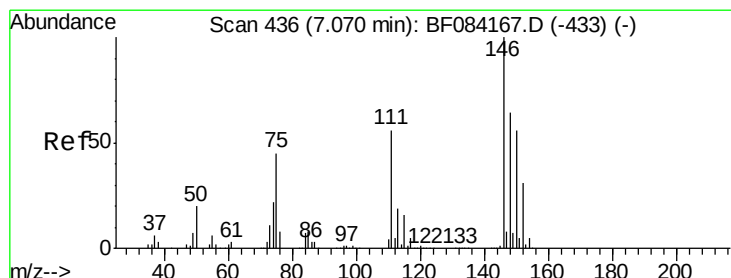
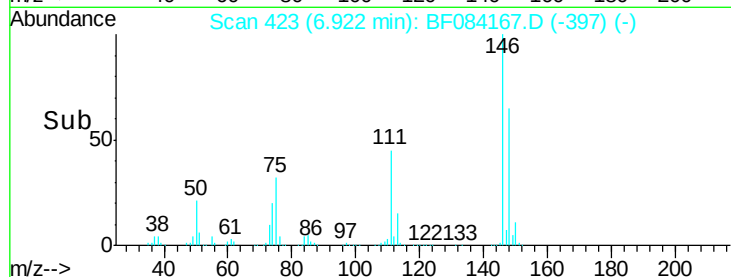
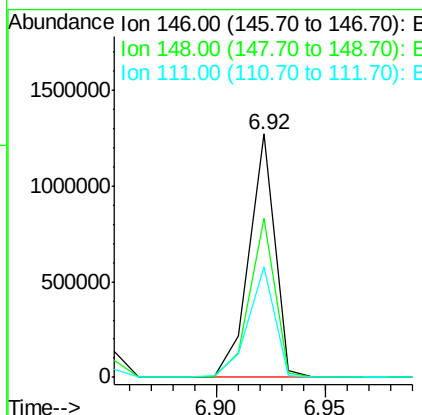
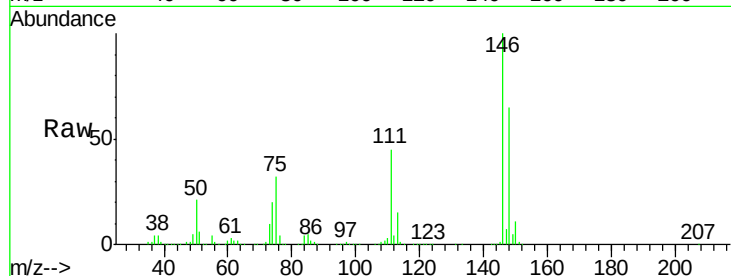
#13
 1,4-Dichlorobenzene
 Concen: 38.60 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	45.2	36.2	54.2

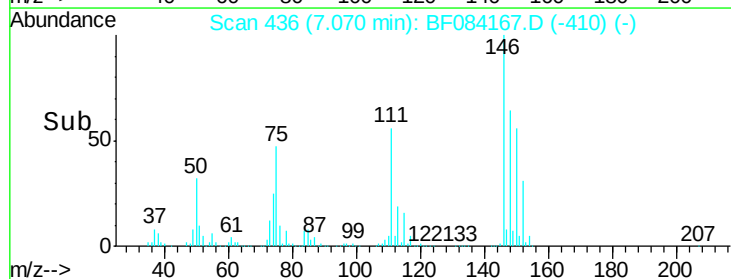
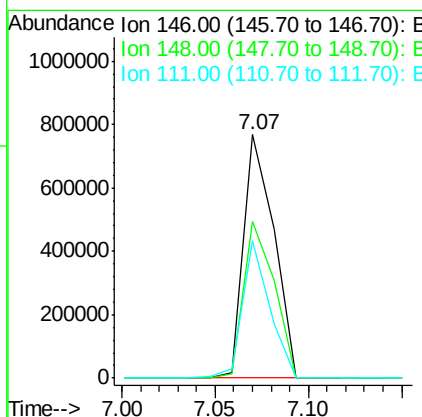
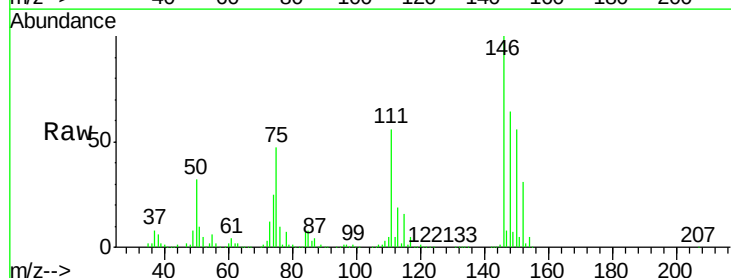
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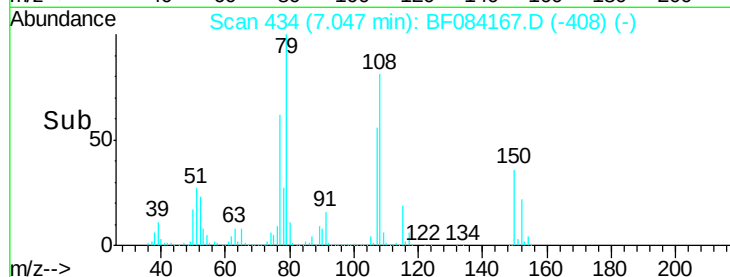
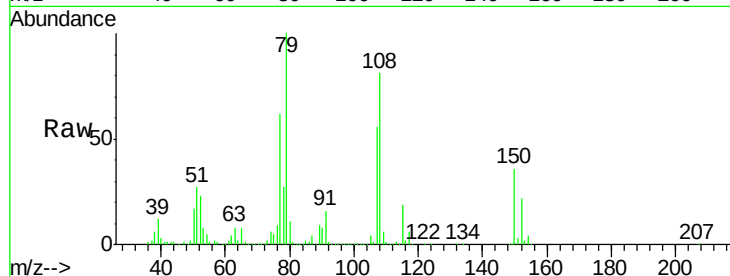
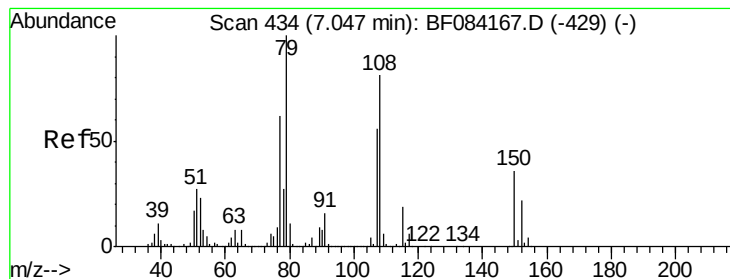
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#14
 1,2-Dichlorobenzene
 Concen: 34.70 ng
 RT: 7.07 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
111	56.2	45.0	67.4





#15

Benzyl Alcohol

Concen: 49.56 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tot Ion:	79	Resp:	970824
Ion Ratio	Lower	Upper	
79	100		
108	81.4	65.1	97.7
77	62.3	49.8	74.8

Instrument :

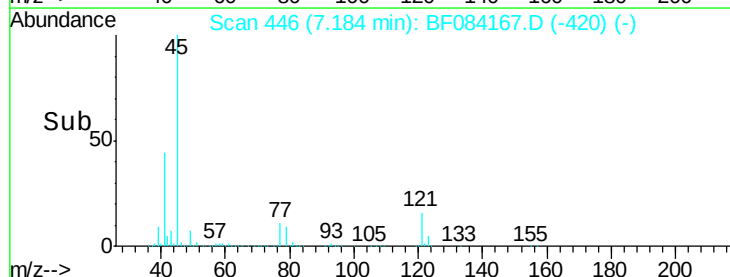
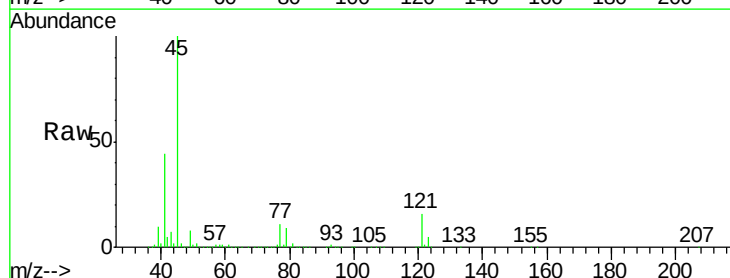
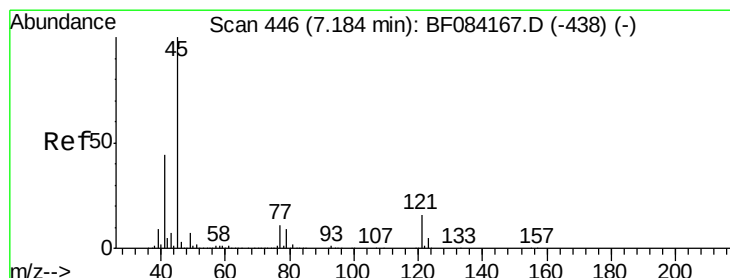
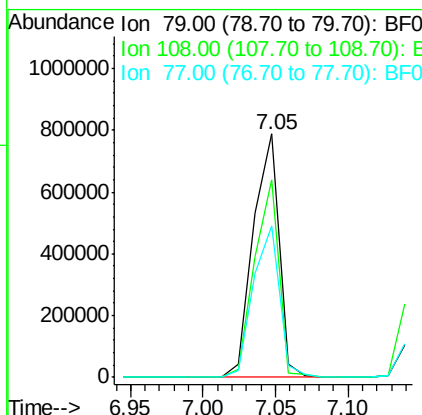
BNA_F

ClientSampled :

SSTDICCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.54 ng

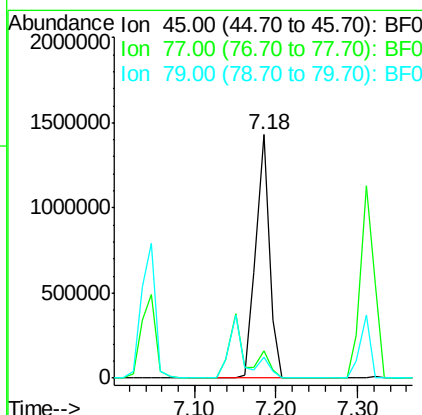
RT: 7.18 min Scan# 446

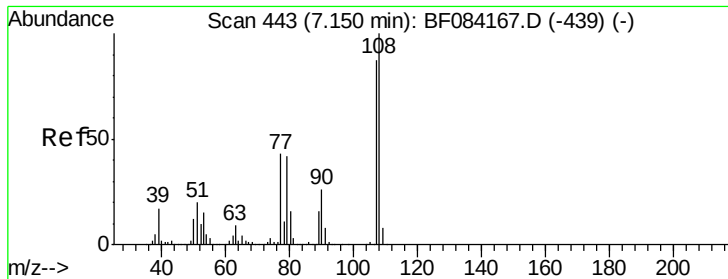
Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion:	45	Resp:	1659062
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	31.2
79	8.8	0.0	28.8





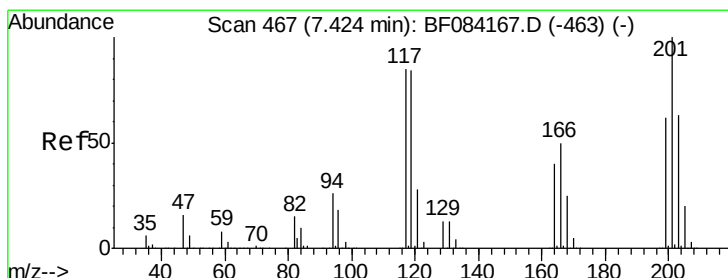
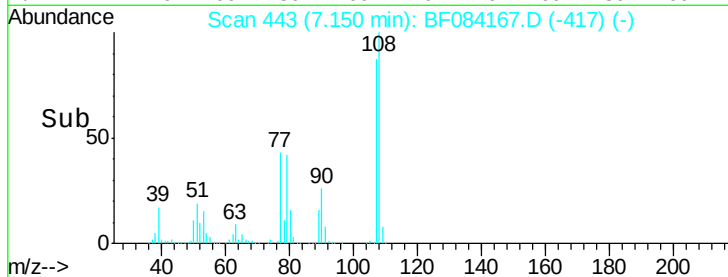
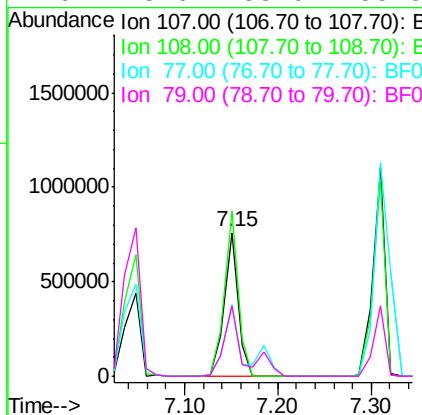
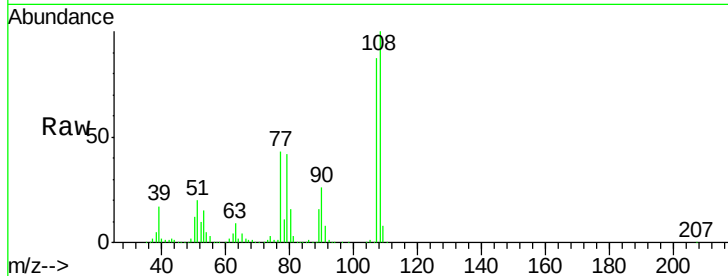
#17
2-Methylphenol
Concen: 40.57 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	784775		
108	108	115.2		92.2	138.2
77	77	49.5		39.6	59.4
79	79	48.6		38.9	58.3

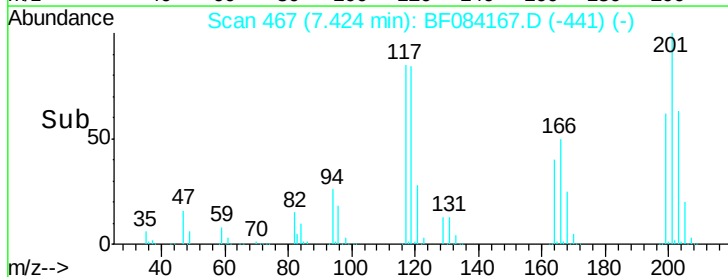
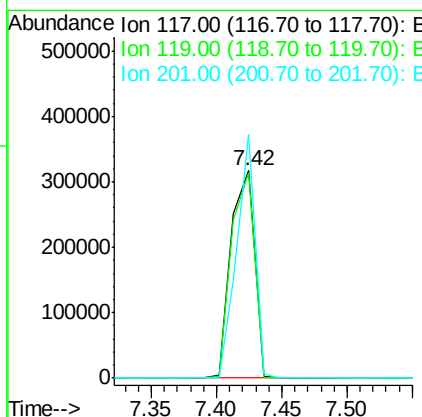
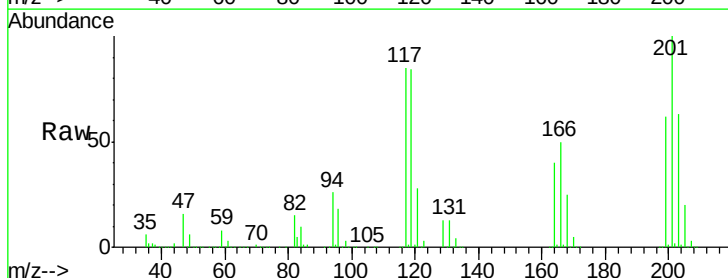
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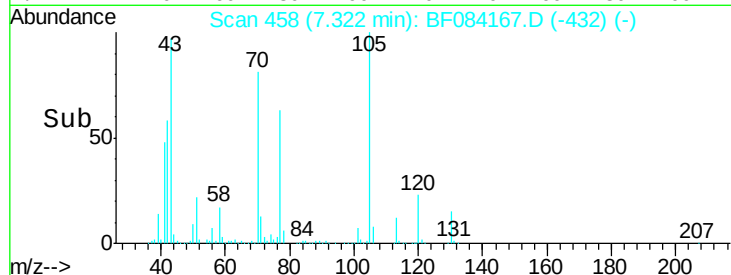
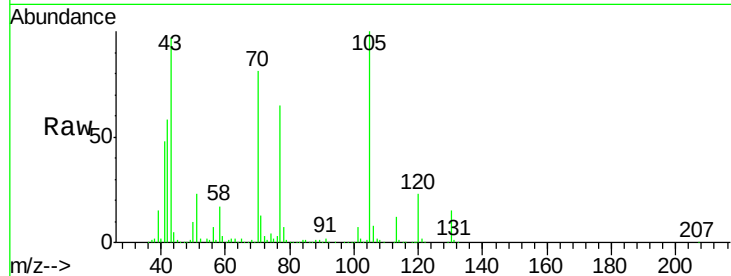
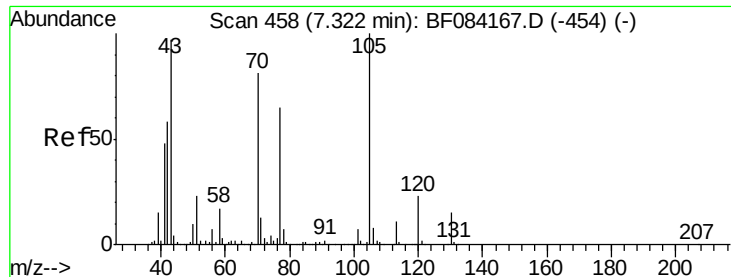
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#18
Hexachloroethane
Concen: 39.59 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	394008		
119	119	99.0		79.2	118.8
201	201	117.4		93.9	140.9





#19

n-Nitroso-di-n-propylamine

Concen: 44.16 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

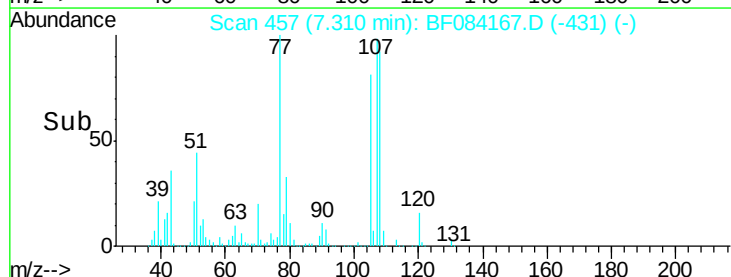
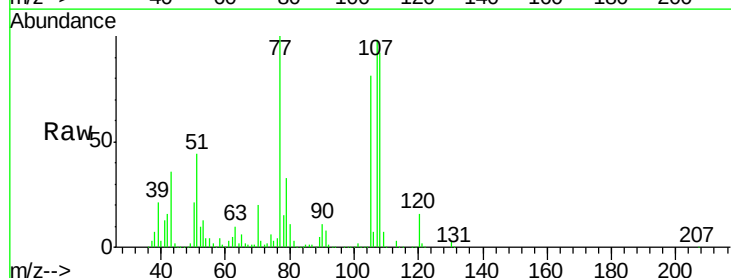
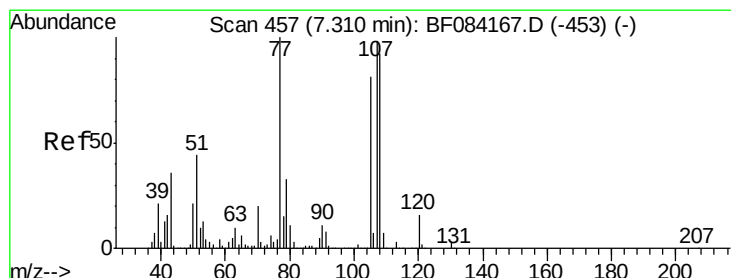
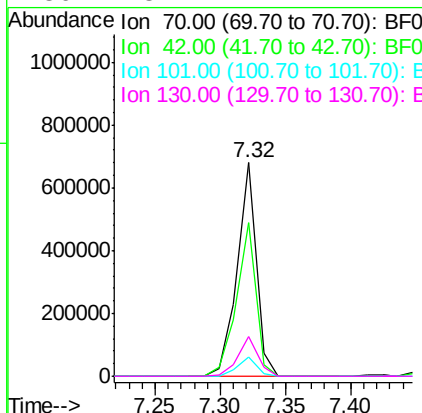
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.7	57.4	86.0	
101	9.1	7.3	10.9	
130	18.4	14.7	22.1	

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#20

3+4-Methylphenols

Concen: 41.53 ng

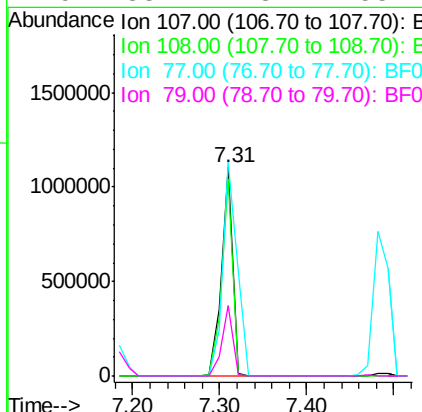
RT: 7.31 min Scan# 457

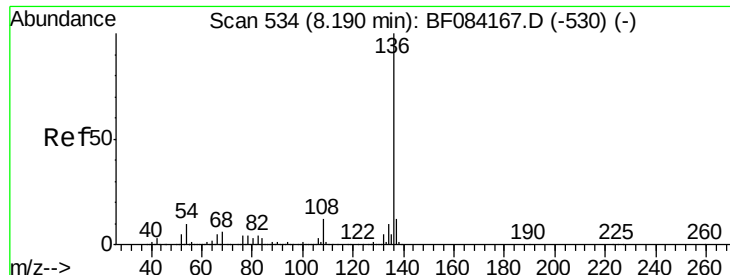
Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.5	74.5	114.5	
77	102.4	82.4	122.4	
79	33.7	13.7	53.7	





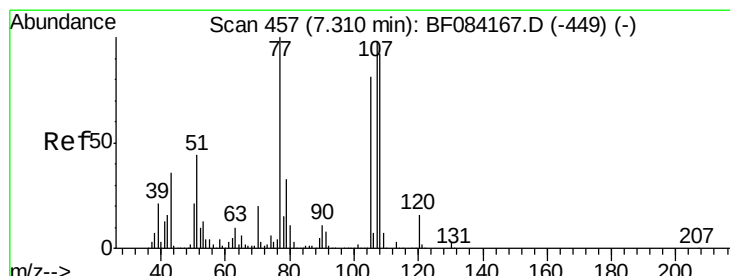
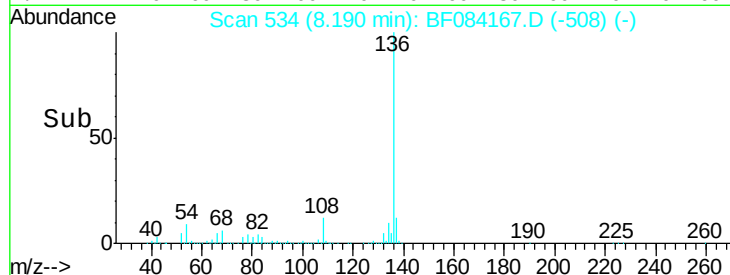
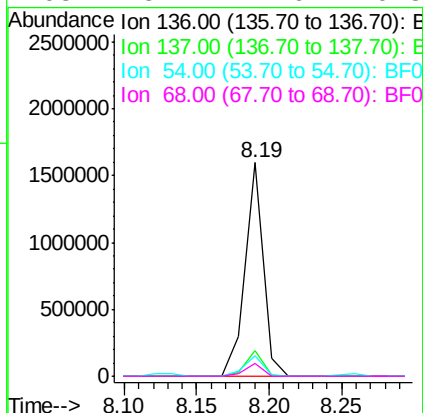
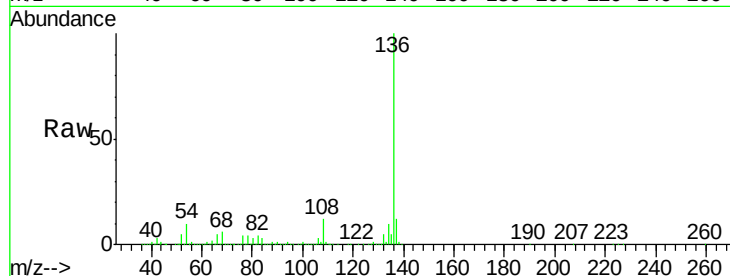
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	136	Resp	1391695
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	9.5	7.6	11.4
68	5.7	4.6	6.8

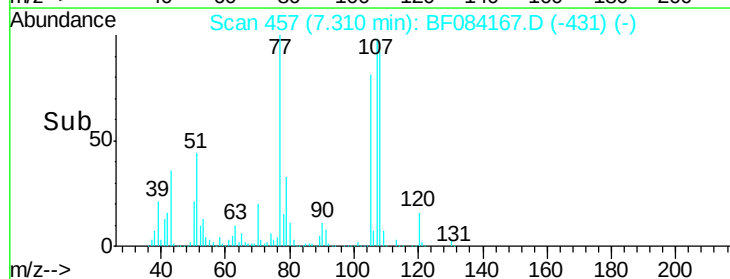
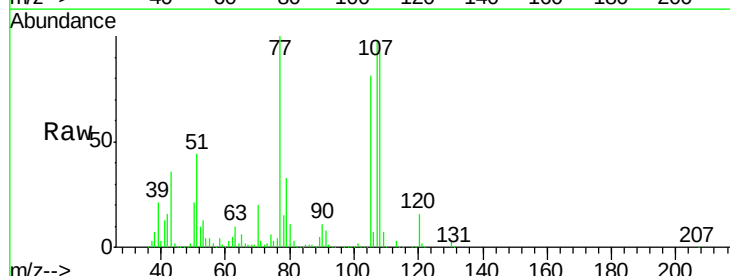
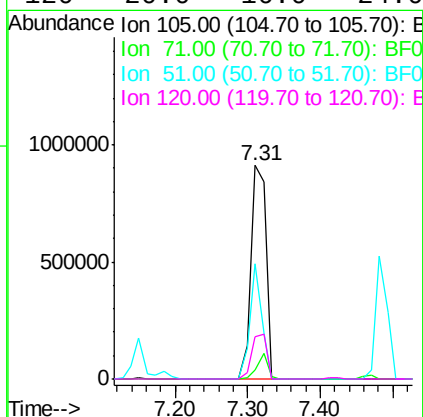
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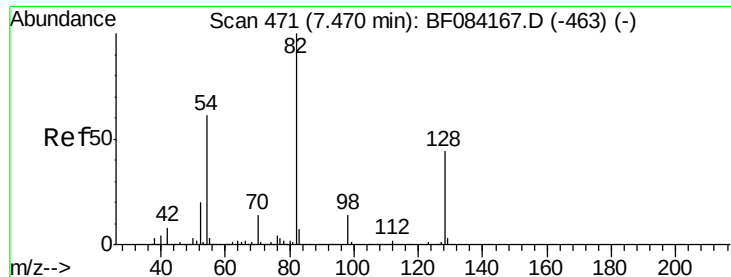
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#22
Acetophenone
Concen: 37.88 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	105	Resp	1307218
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.2	4.8
51	54.0	43.2	64.8
120	20.0	16.0	24.0





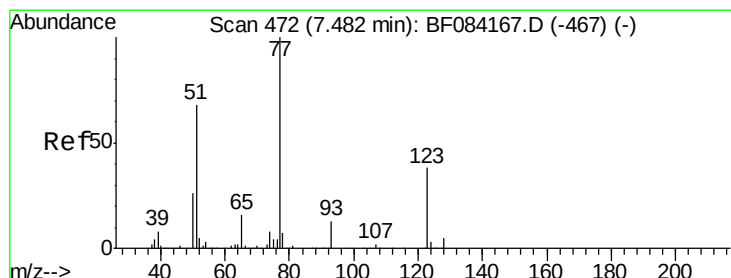
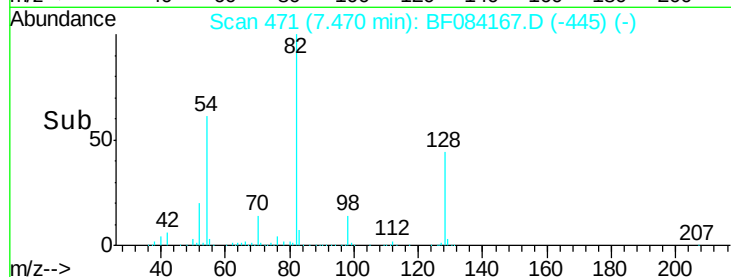
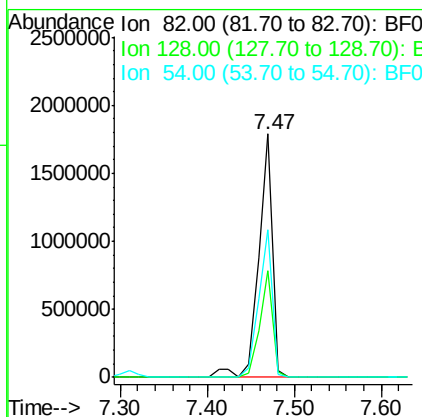
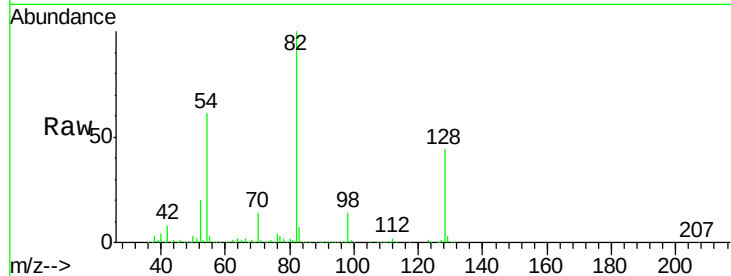
#23
 Nitrobenzene-d5
 Concen: 83.32 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.0	52.4
54	60.6	48.5	72.7

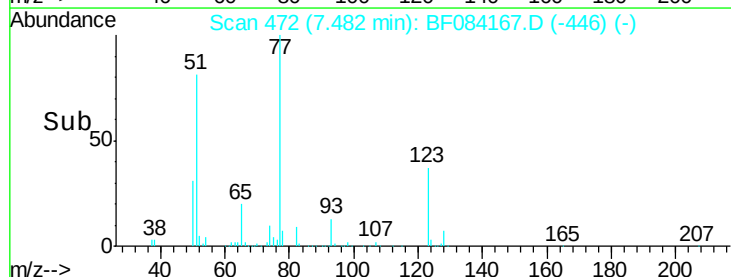
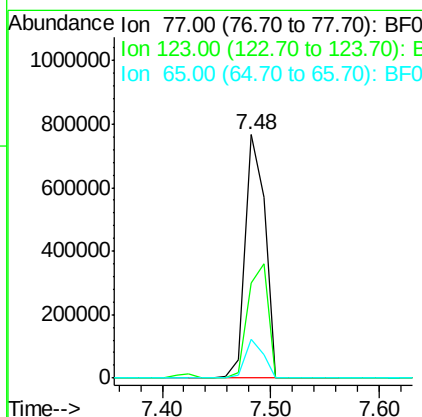
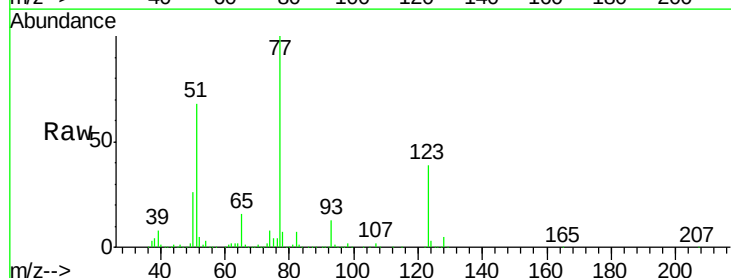
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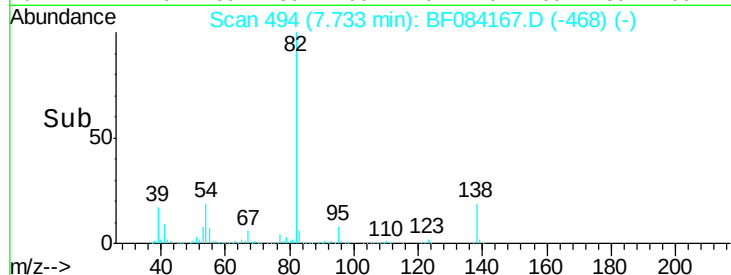
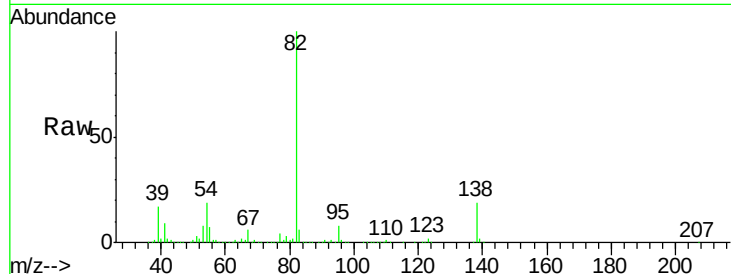
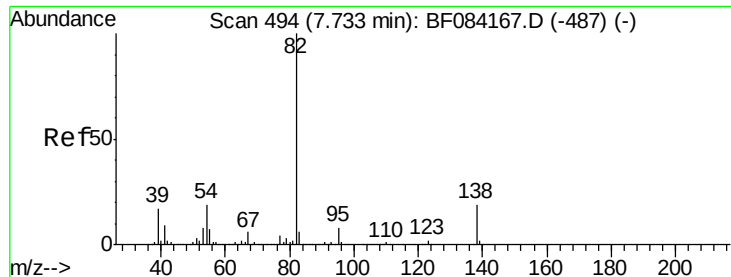
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#24
 Nitrobenzene
 Concen: 38.42 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.3	46.9
65	15.8	12.6	19.0





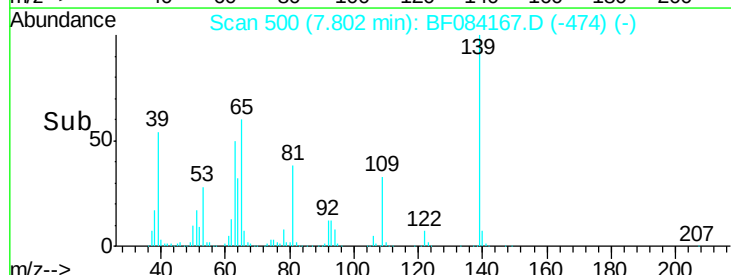
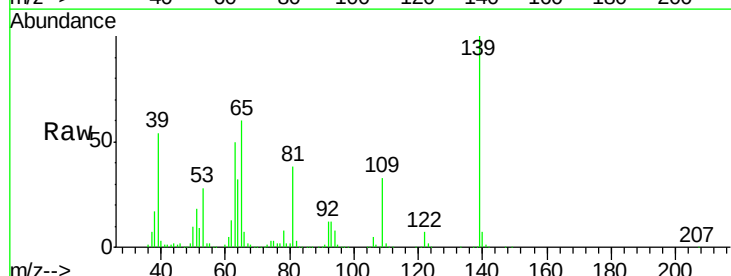
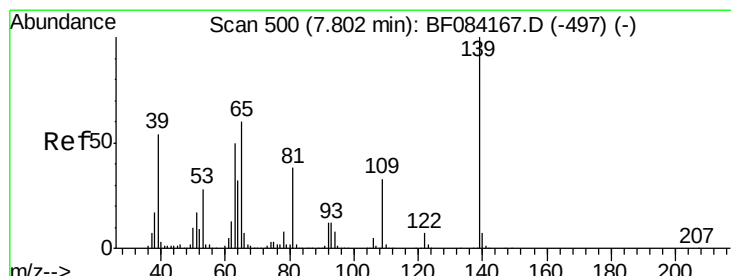
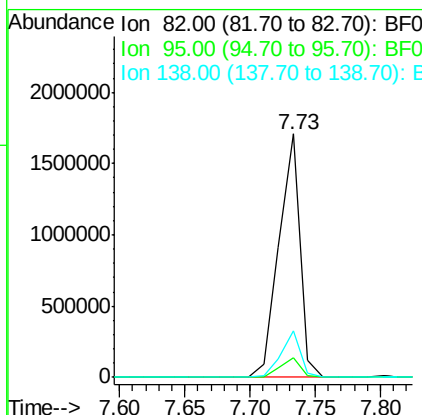
#25
Isophorone
Concen: 43.44 ng
RT: 7.73 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tot Ion	82	Resp	1942339
Ion Ratio	100	Lower	Upper
82	100		
95	8.1	6.5	9.7
138	18.9	15.1	22.7

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

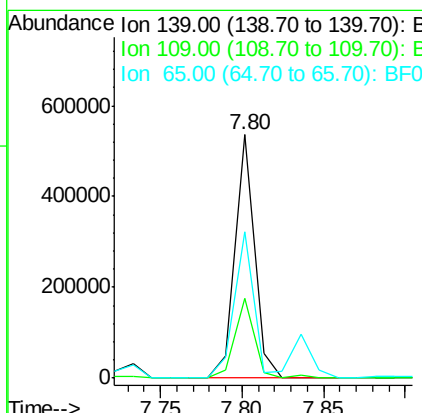
Manual Integrations
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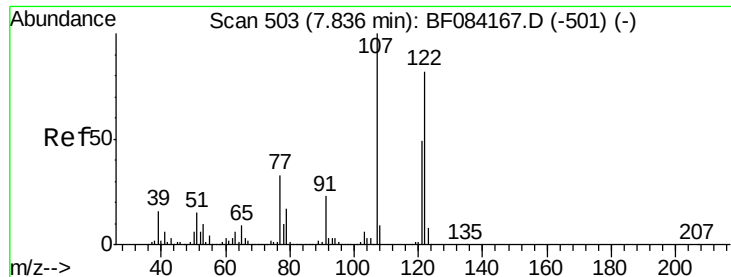
Sohil
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#26
2-Nitrophenol
Concen: 34.70 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	139	Resp	439128
Ion Ratio	100	Lower	Upper
139	100		
109	32.8	26.2	39.4
65	60.3	48.2	72.4





#27

2,4-Dimethylphenol

Concen: 39.18 ng/mL

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

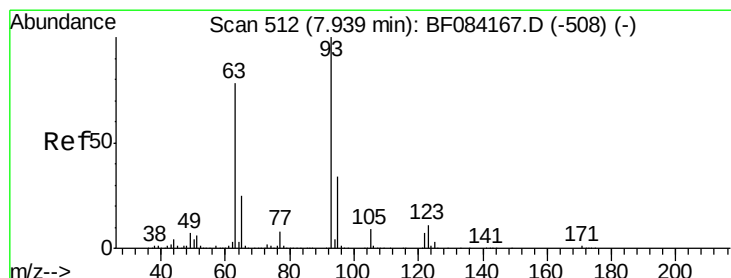
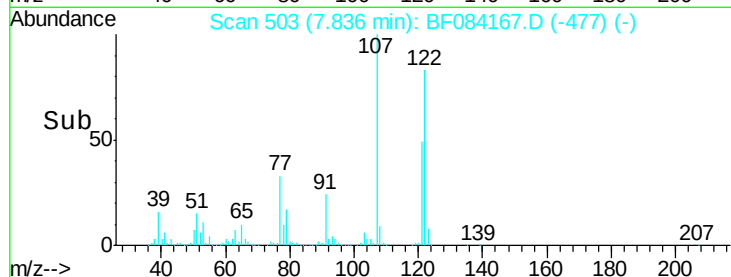
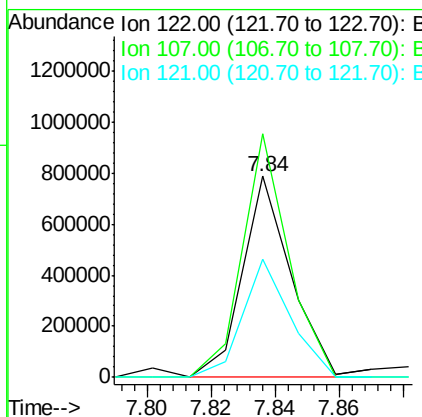
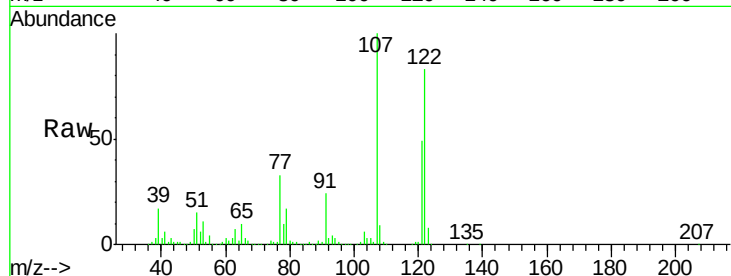
ClientSampleId :

SSTDICCC040

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Tot Ion:	122	Resp:	829208
Ion Ratio	Lower	Upper	
122	100		
107	121.0	96.8	145.2
121	58.8	47.0	70.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.60 ng/mL

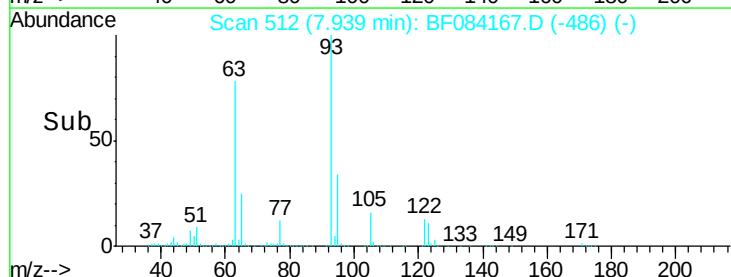
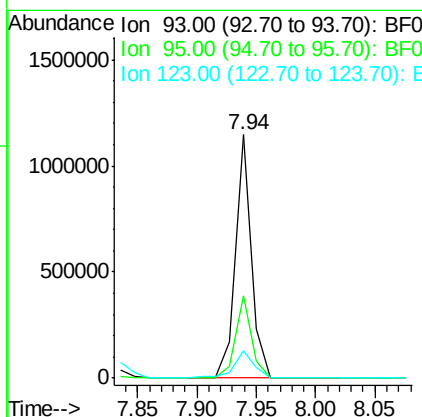
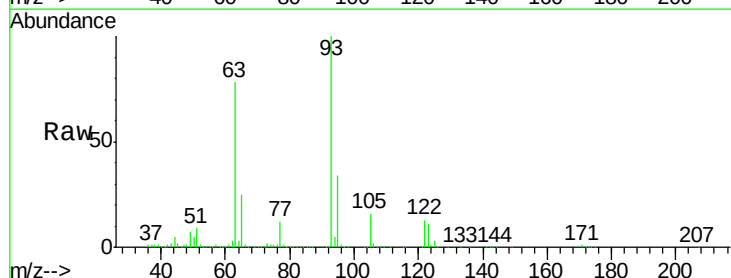
RT: 7.94 min Scan# 512

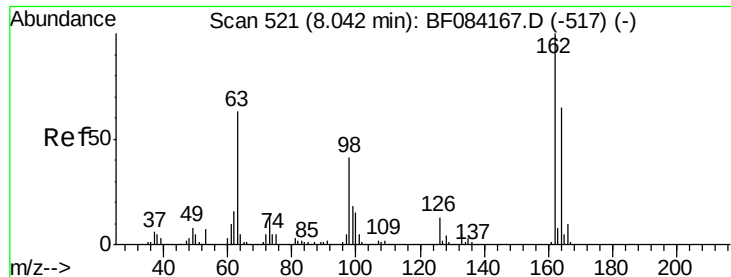
Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion:	93	Resp:	1064232
Ion Ratio	Lower	Upper	
93	100		
95	33.9	27.1	40.7
123	11.0	8.8	13.2





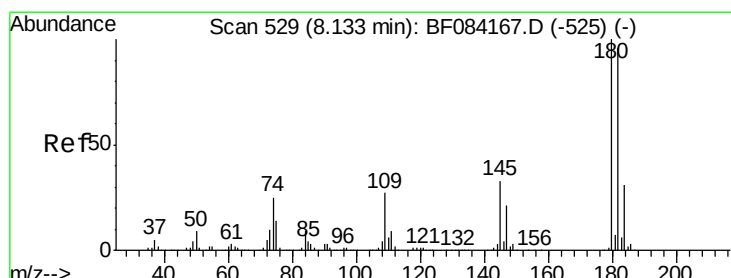
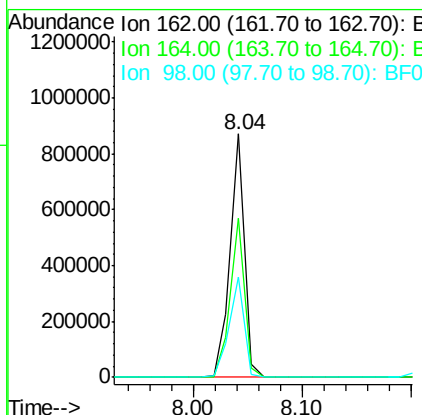
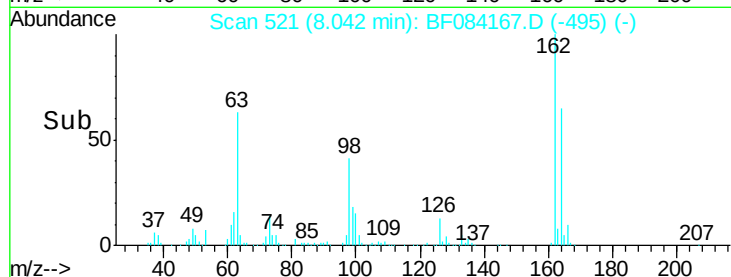
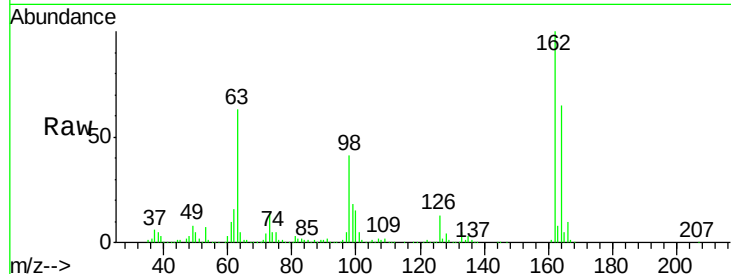
#29
2,4-Dichlorophenol
Concen: 39.49 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.2	85.2
98	41.4	21.4	61.4

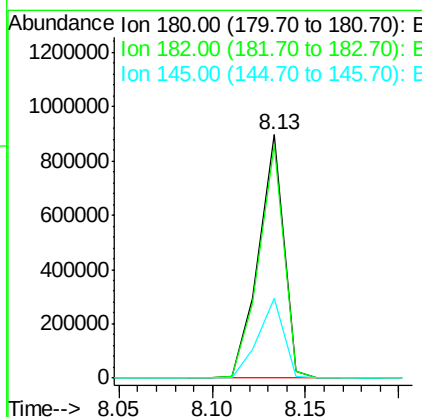
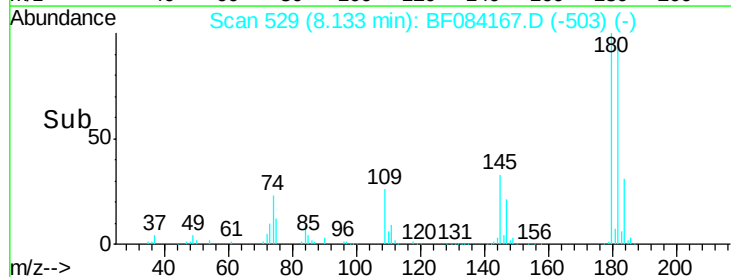
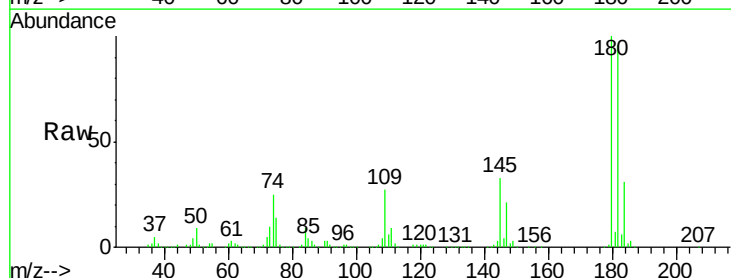
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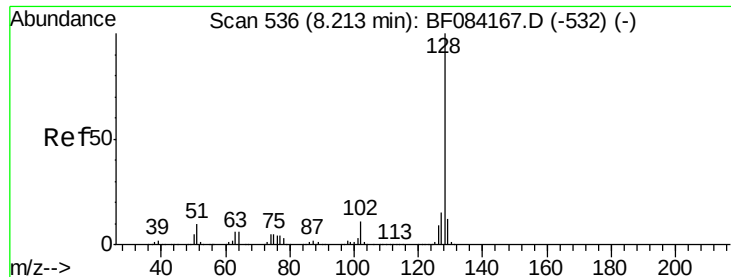
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12/31/2015 6:41:16 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.62 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	32.8	26.2	39.4





#31

Naphthalene

Concen: 35.85 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

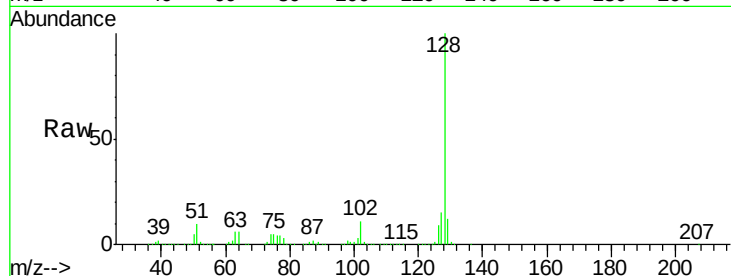
ClientSampleId :

SSTDICCC040

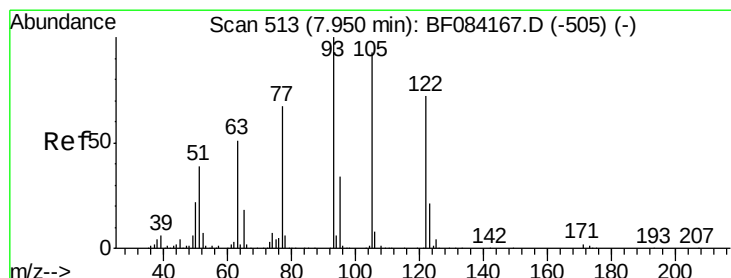
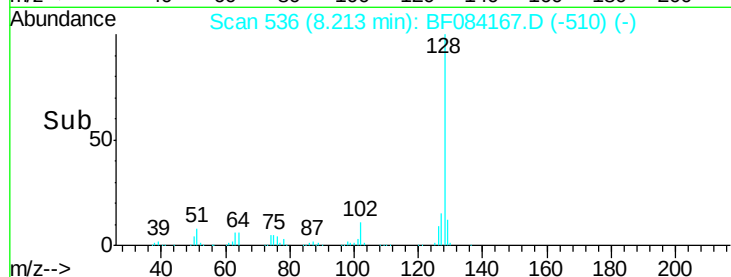
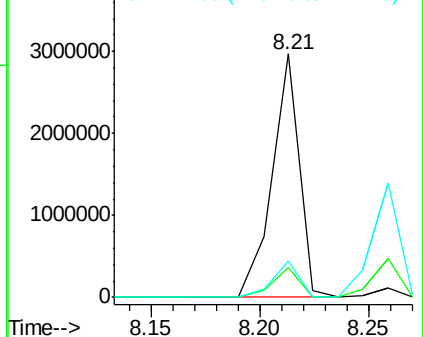
Tot Ion:	128	Resp:	2609134
Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.0	15.0
127	15.0	12.0	18.0

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



#32

Benzoic acid

Concen: 56.91 ng m

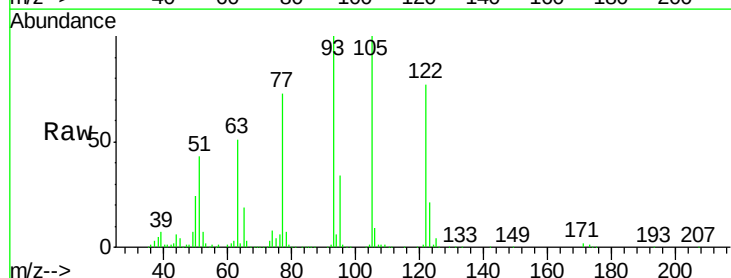
RT: 7.95 min Scan# 513

Delta R.T. 0.00 min

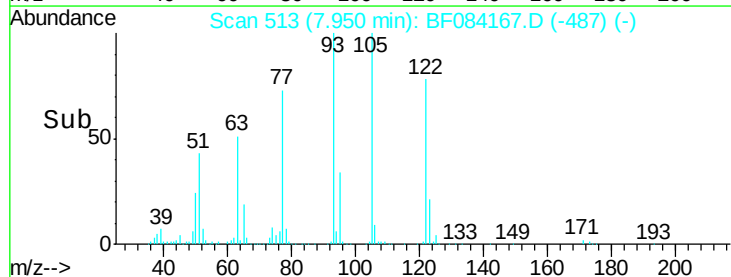
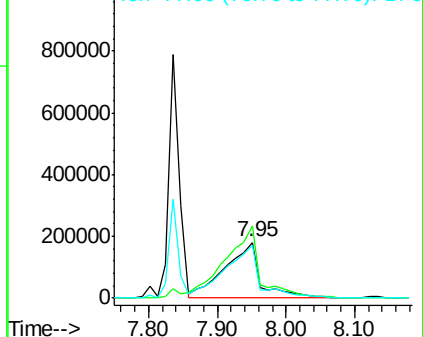
Lab File: BF084167.D

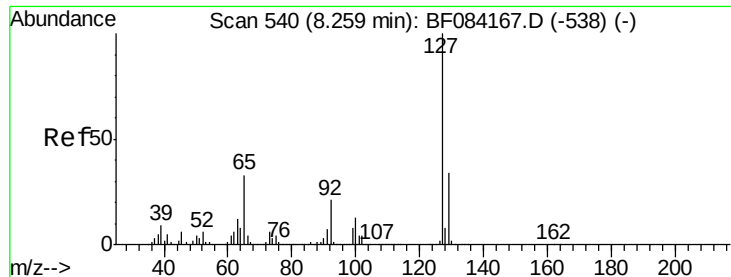
Acq: 31 Dec 2015 00:54

Tgt Ion:	122	Resp:	651009
Ion	Ratio	Lower	Upper
122	100		
105	128.6	108.6	148.6
77	94.1	74.1	114.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





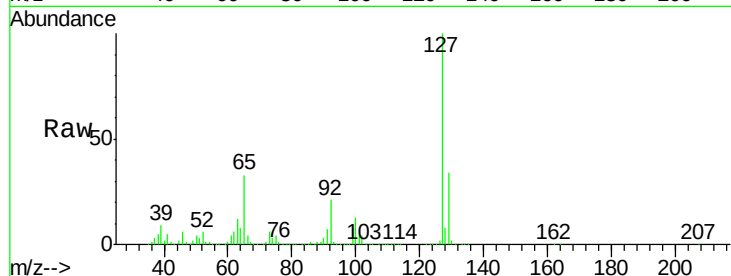
#33
4-Chloroaniline
Concen: 40.54 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

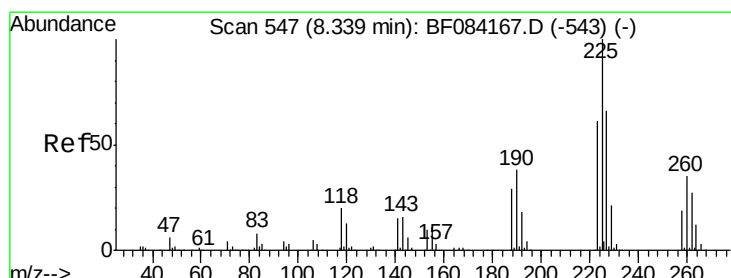
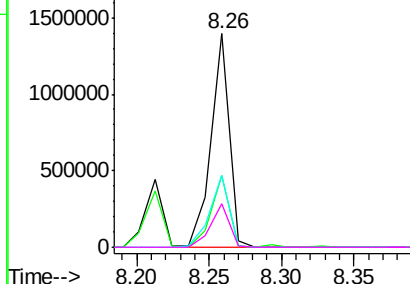
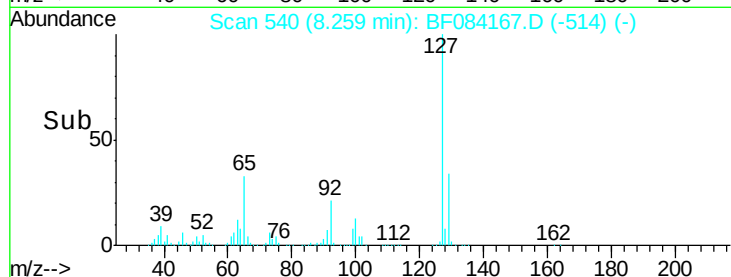
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.8	27.0	40.6		
65	33.3	26.6	40.0		
92	20.6	16.5	24.7		

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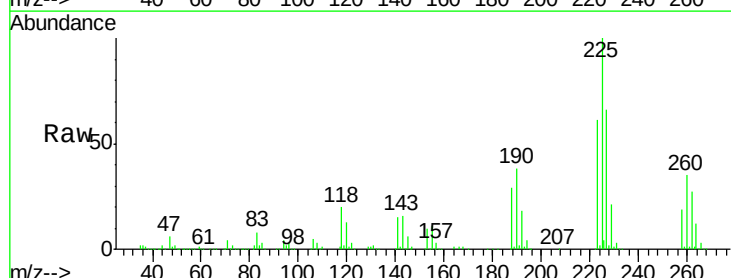


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

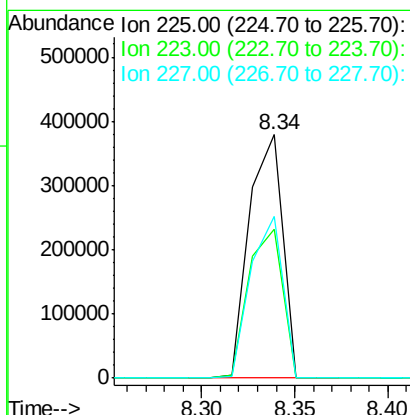
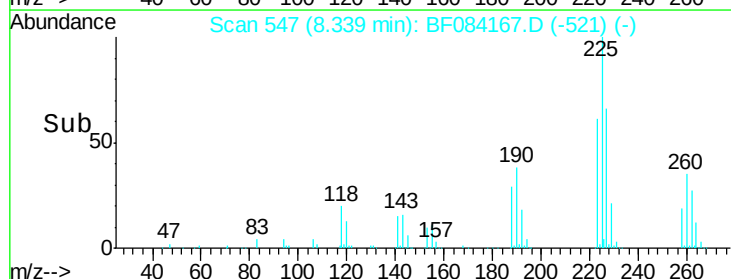


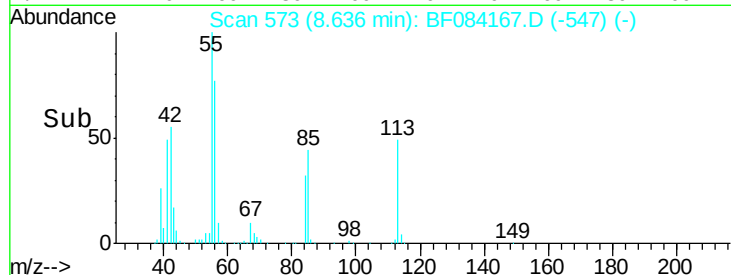
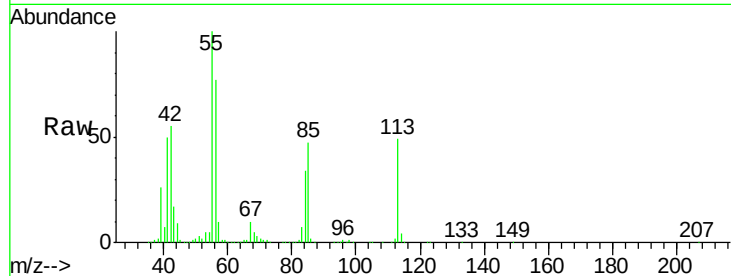
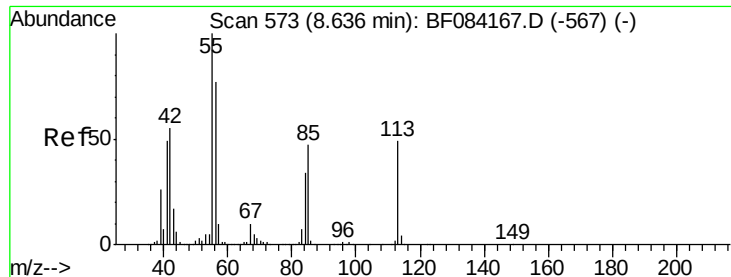
#34
Hexachlorobutadiene
Concen: 37.55 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	49.0	73.6		
227	66.2	53.0	79.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.60 ng

RT: 8.64 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF084167.D

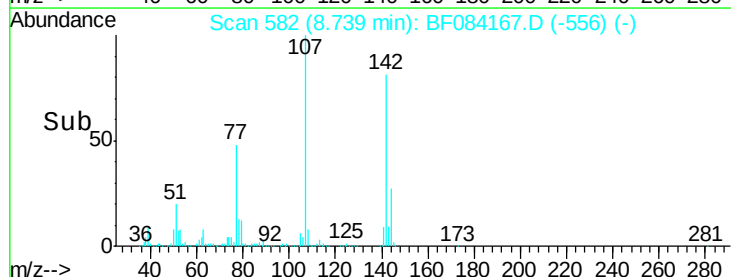
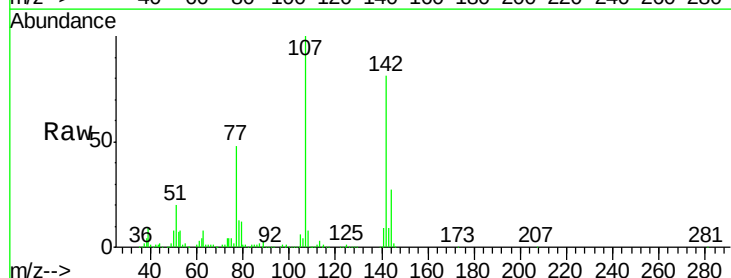
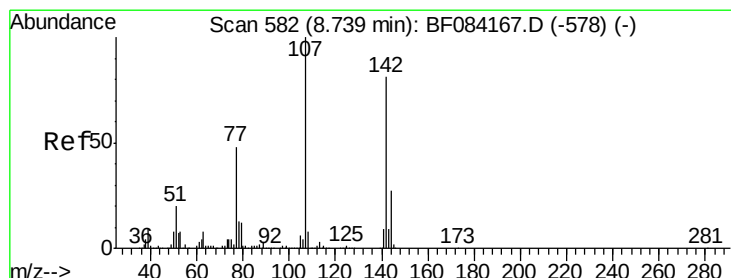
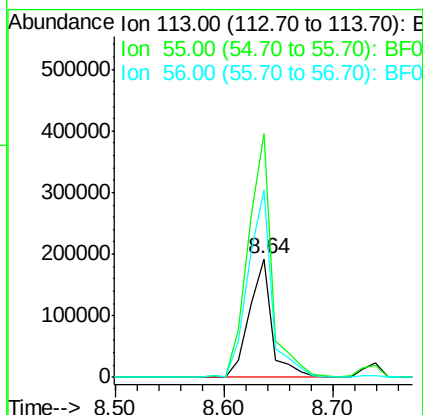
Acq: 31 Dec 2015 00:54

Tot Ion:	113	Resp:	275563
Ion Ratio	Lower	Upper	
113	100		
55	206.0	186.0	226.0
56	158.7	138.7	178.7

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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#36

4-Chloro-3-methylphenol

Concen: 41.55 ng

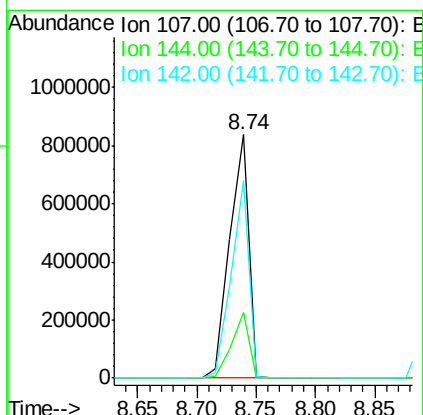
RT: 8.74 min Scan# 582

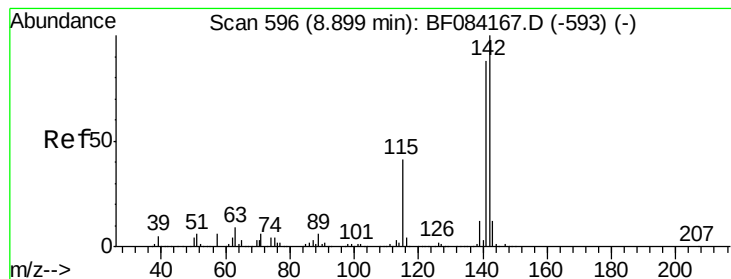
Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion:	107	Resp:	933317
Ion Ratio	Lower	Upper	
107	100		
144	26.8	21.4	32.2
142	81.2	65.0	97.4





#37

2-Methylnaphthalene

Concen: 36.31 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:142 Resp: 1681375

Ion Ratio Lower Upper

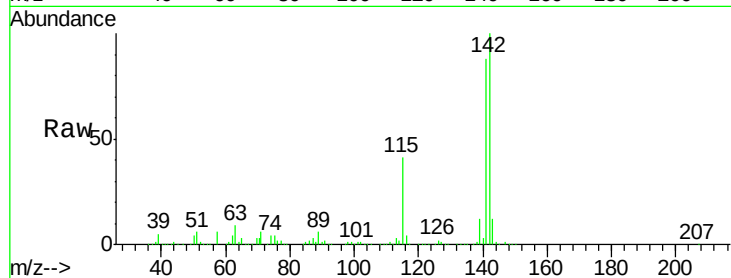
142 100

141 88.4 70.7 106.1

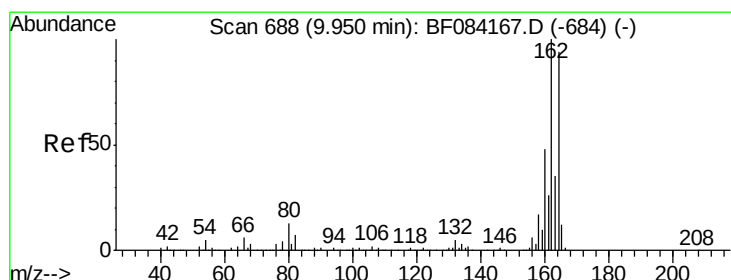
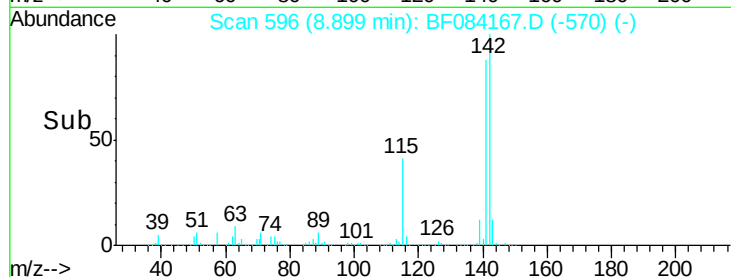
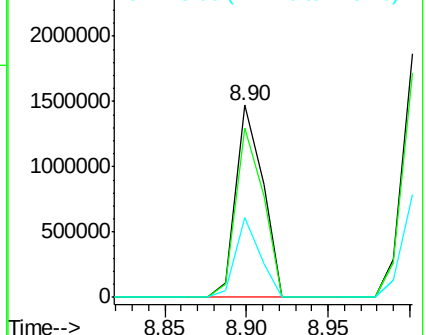
115 41.5 33.2 49.8

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Abundance Ion 142.00 (141.70 to 142.70): E
2500000
Ion 141.00 (140.70 to 141.70): E
2000000
Ion 115.00 (114.70 to 115.70): E
1500000
1000000
500000
0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

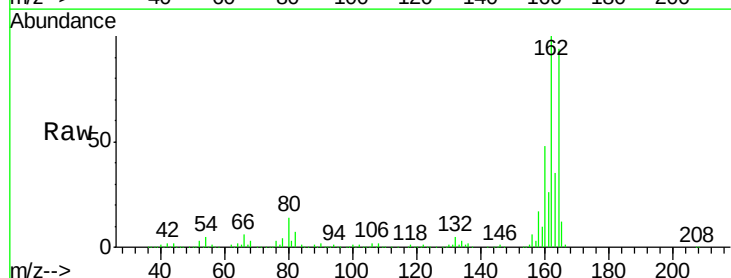
Tgt Ion:164 Resp: 639820

Ion Ratio Lower Upper

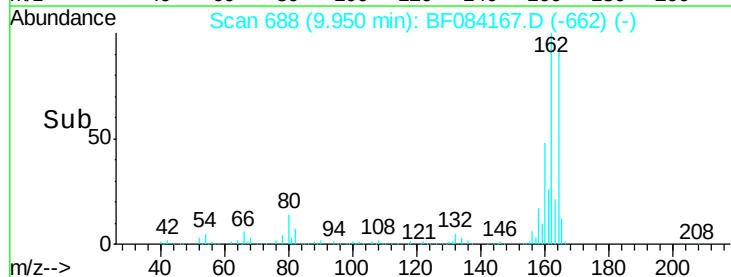
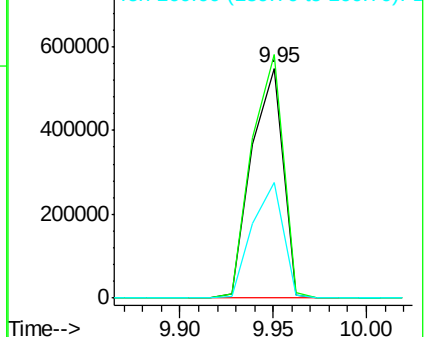
164 100

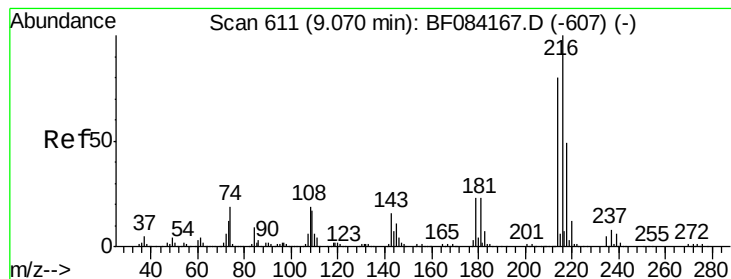
162 106.0 84.8 127.2

160 50.5 40.4 60.6



Abundance Ion 164.00 (163.70 to 164.70): E
800000
Ion 162.00 (161.70 to 162.70): E
600000
Ion 160.00 (159.70 to 160.70): E
400000
200000
0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.37 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

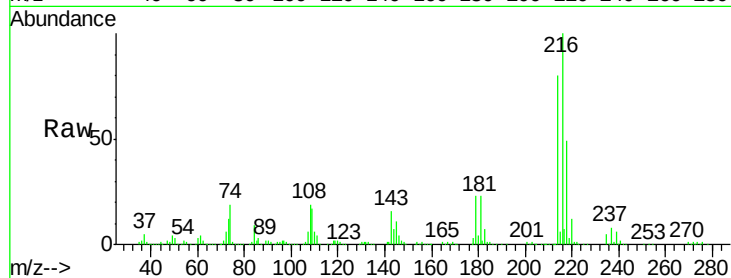
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		766565		
214	79.6		63.7	95.5	
179	23.9		19.1	28.7	
108	23.6		18.9	28.3	

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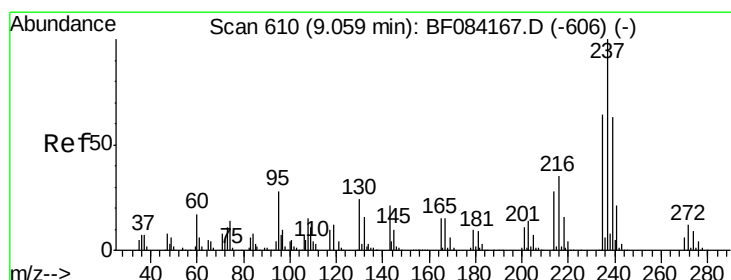
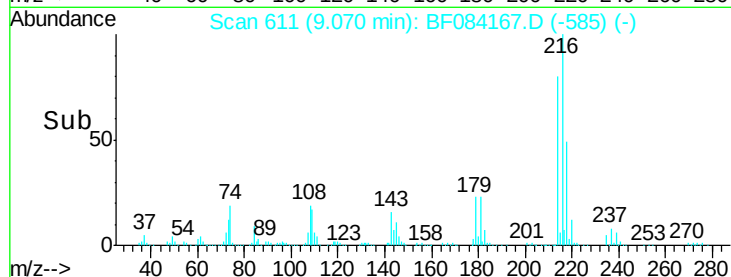
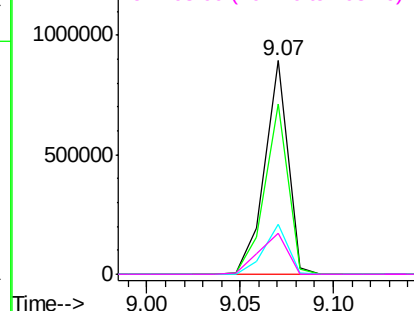


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.01 ng

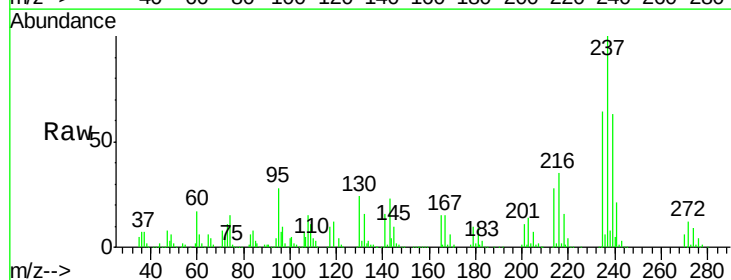
RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

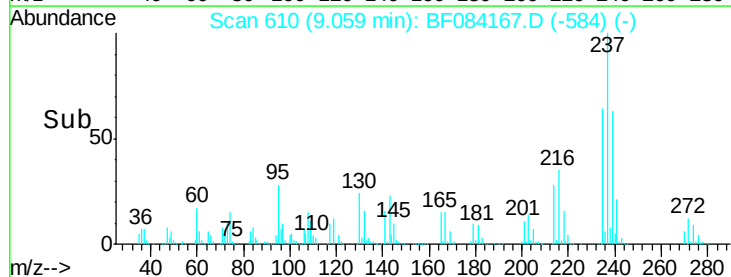
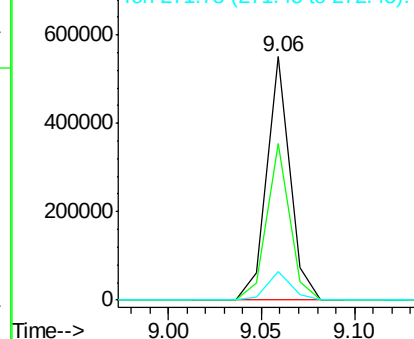
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		470662		
235	64.4		44.4	84.4	
272	11.9		0.0	31.9	

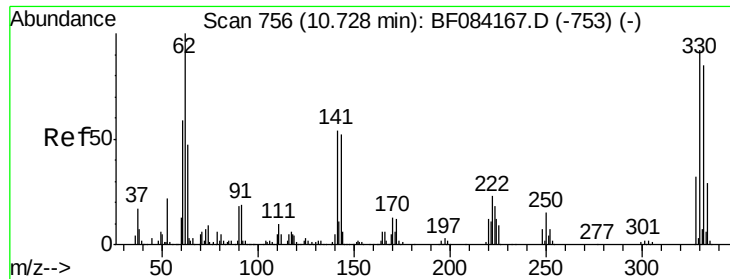


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





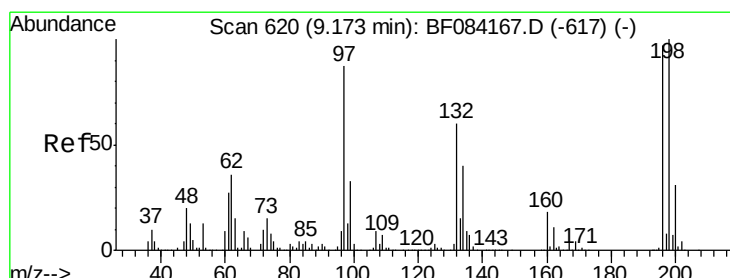
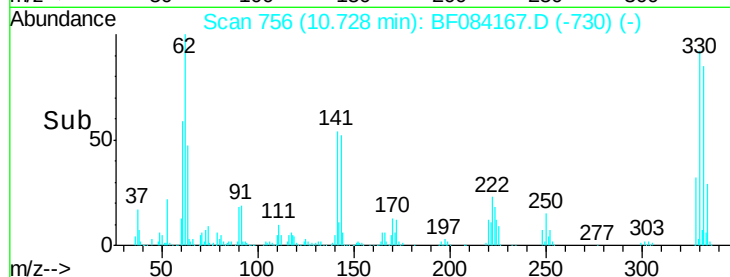
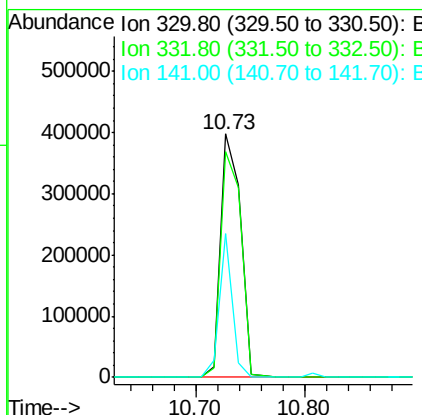
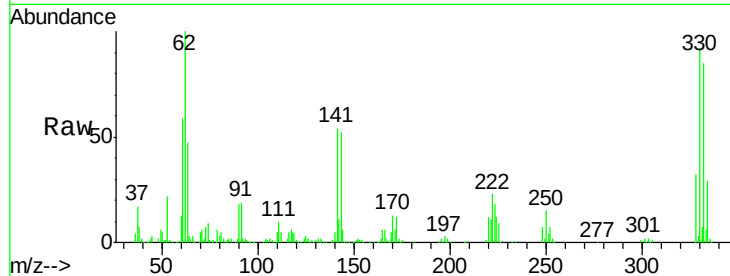
#41
 2,4,6-Tribromophenol
 Concen: 74.43 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	508124		
332	95.2	76.2	114.2	
141	39.1	31.3	46.9	

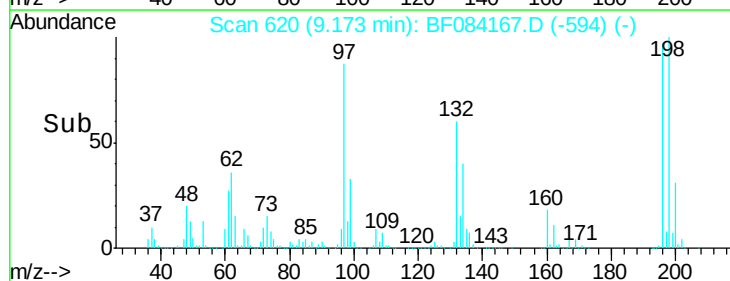
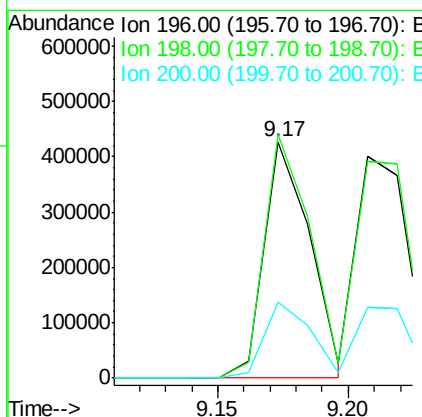
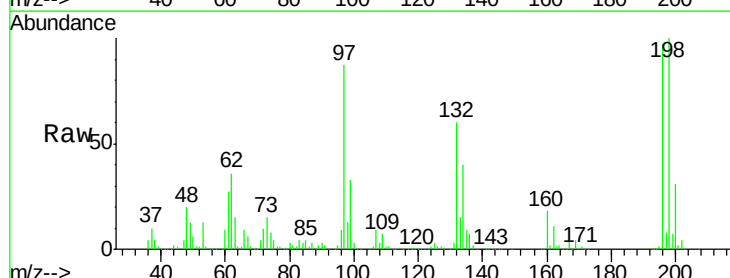
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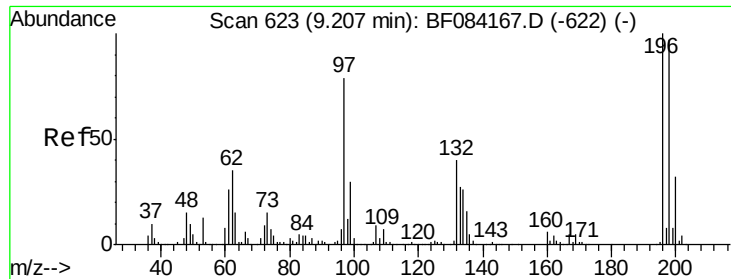
Sohil
 12/31/2015 6:41:16 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.68 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	522311		
198	103.1	82.5	123.7	
200	32.3	25.8	38.8	





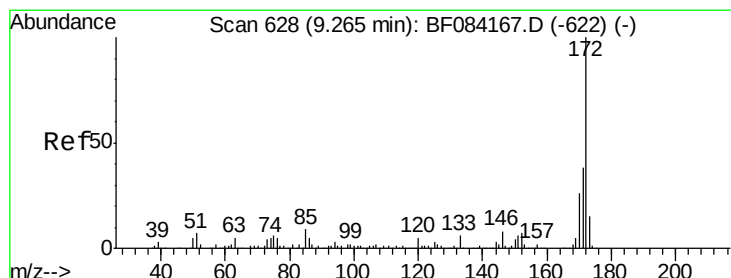
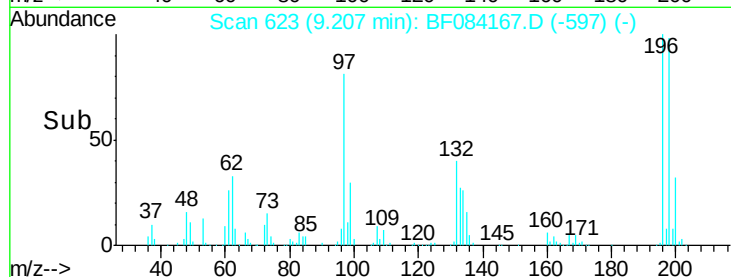
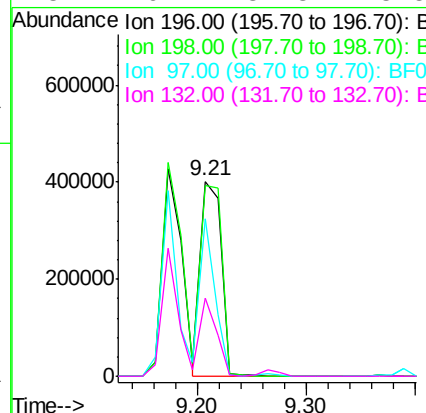
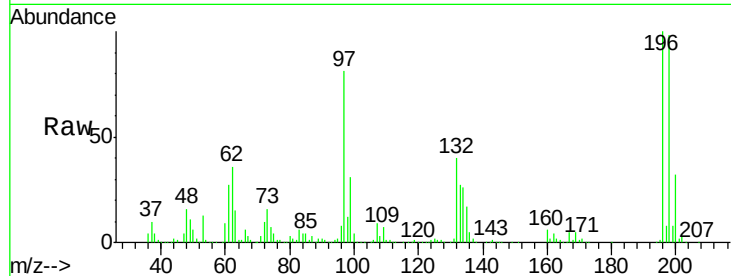
#43
 2,4,5-Trichlorophenol
 Concen: 40.64 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	534867		
198	97.8	78.2	117.4	
97	81.1	64.9	97.3	
132	40.4	32.3	48.5	

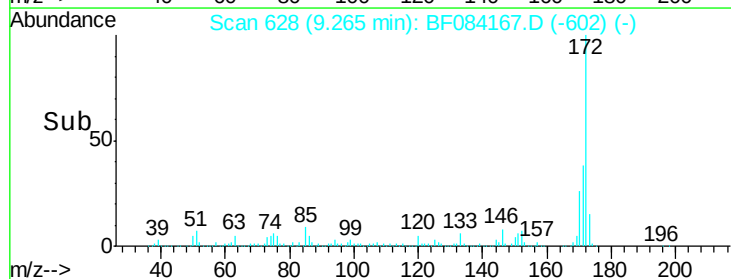
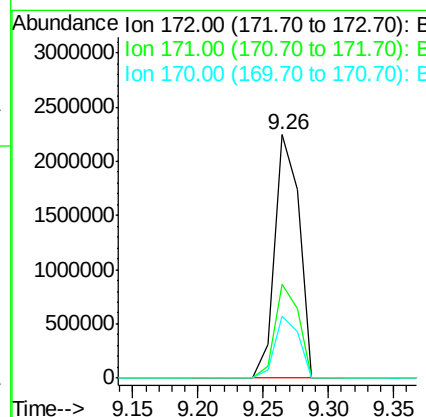
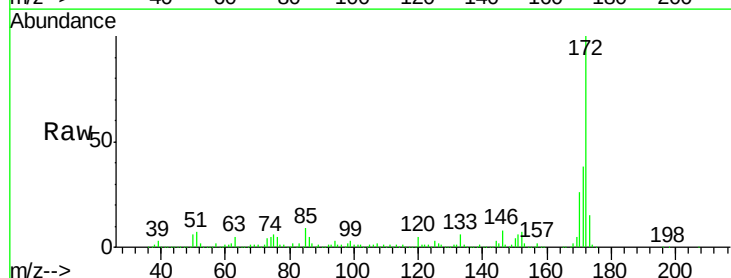
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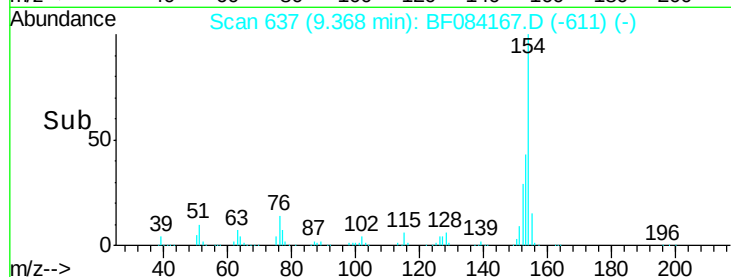
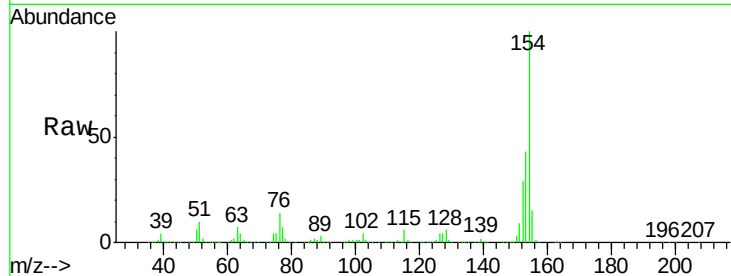
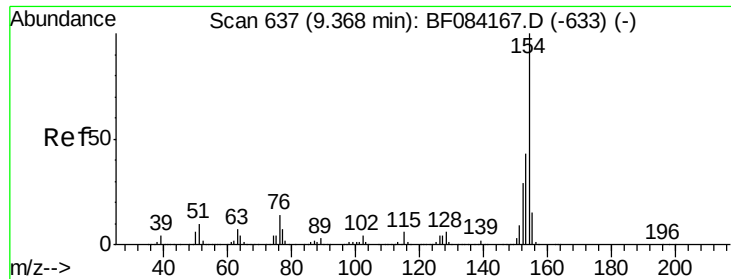
Sohil
 12/31/2015 6:41:16 PM



#44
 2-Fluorobiphenyl
 Concen: 64.56 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2949098		
171	38.3	30.6	46.0	
170	25.7	20.6	30.8	





#45

1,1'-Biphenyl

Concen: 34.78 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tot Ion:	154	Resp:	1948307
Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.4	63.4
76	14.2	0.0	34.2

Instrument :

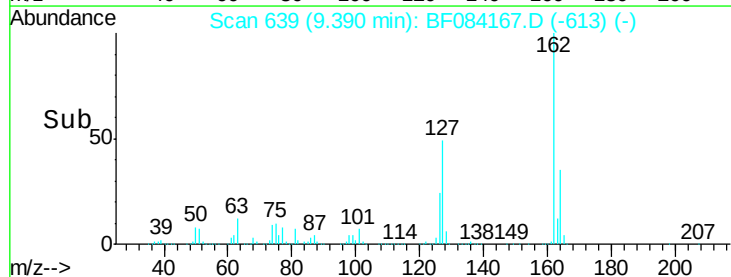
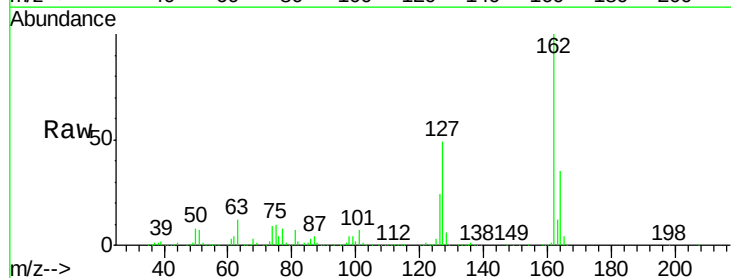
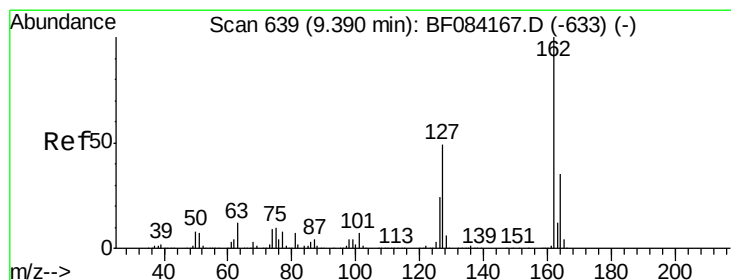
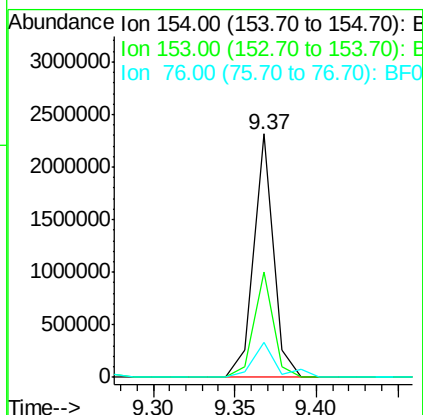
BNA_F

ClientSampleId :

SSTDICCC040

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#46

2-Chloronaphthalene

Concen: 34.67 ng

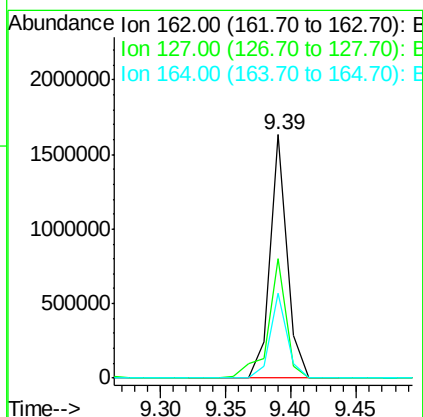
RT: 9.39 min Scan# 639

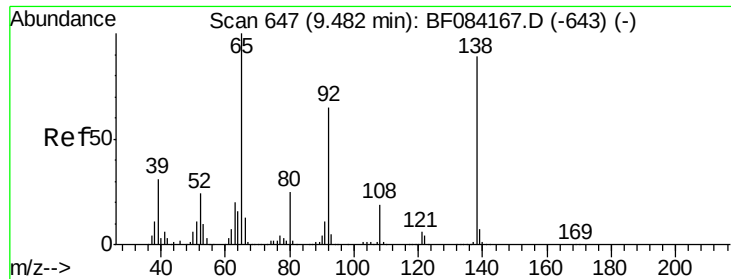
Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion:	162	Resp:	1485020
Ion	Ratio	Lower	Upper
162	100		
127	49.2	39.4	59.0
164	34.7	27.8	41.6





#47

2-Nitroaniline

Concen: 43.12 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

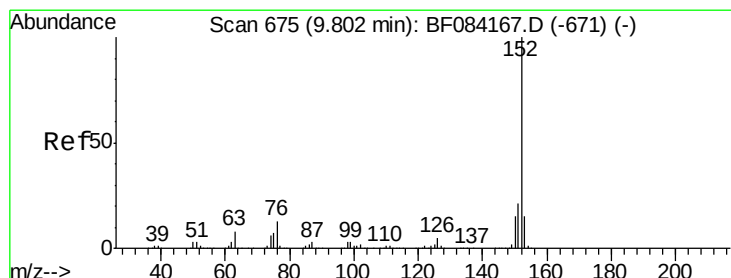
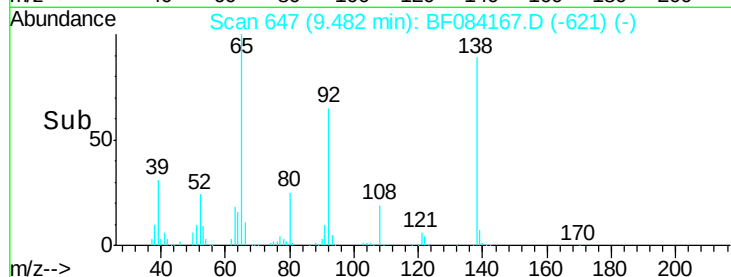
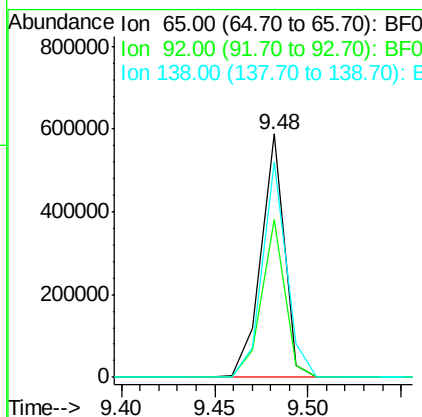
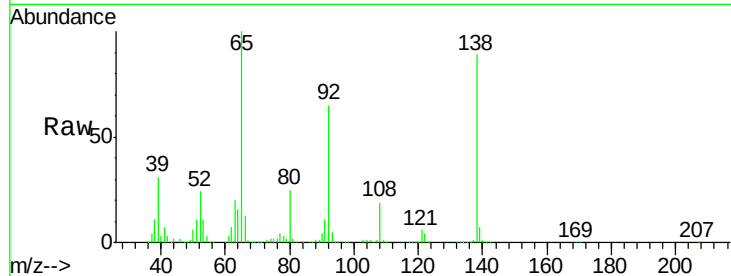
ClientSampleId :

SSTDICCC040

Tot Ion:	65	Resp:	506555
Ion Ratio	Lower	Upper	
65	100		
92	64.8	51.8	77.8
138	88.6	70.9	106.3

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#48

Acenaphthylene

Concen: 34.64 ng

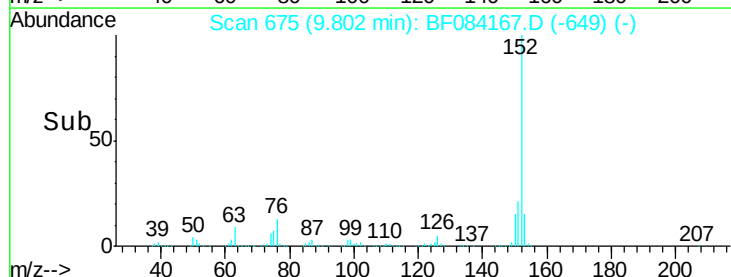
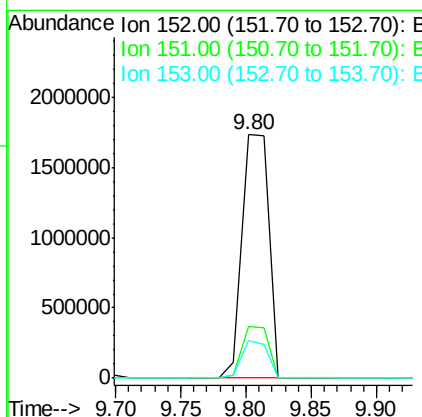
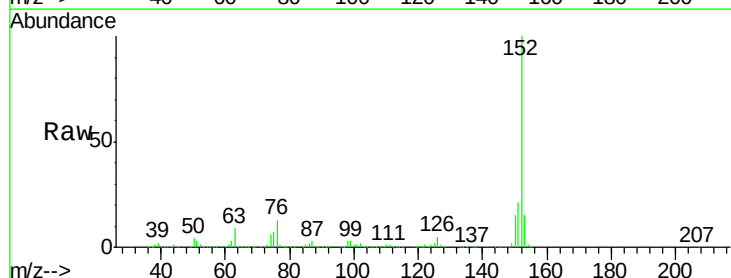
RT: 9.80 min Scan# 675

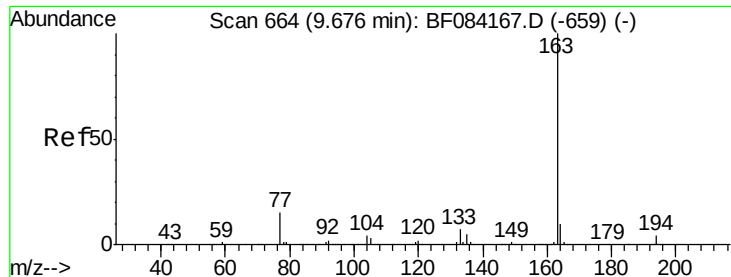
Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion:	152	Resp:	2462769
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.9	25.3
153	15.2	12.2	18.2





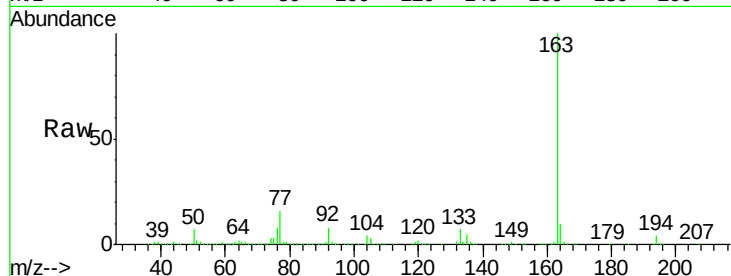
#49
Dimethylphthalate
Concen: 36.53 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

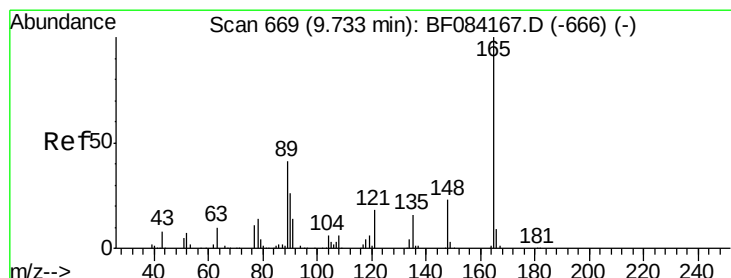
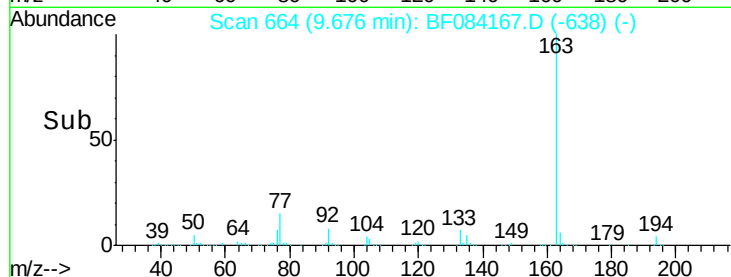
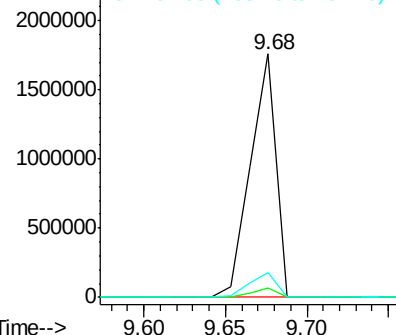
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.3	8.2	12.4

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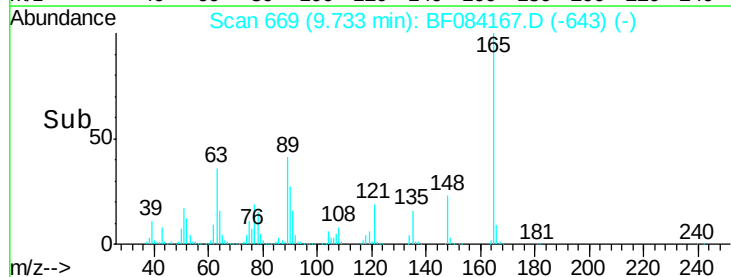
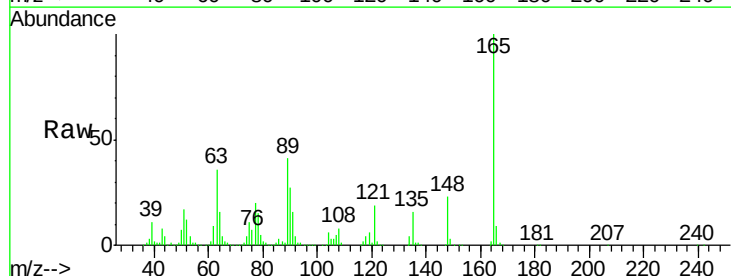
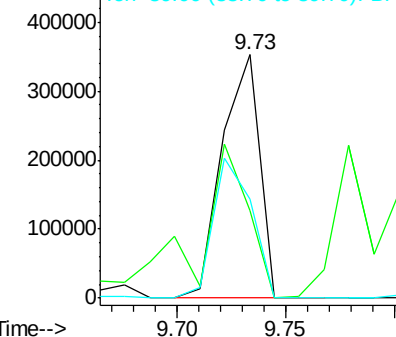
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

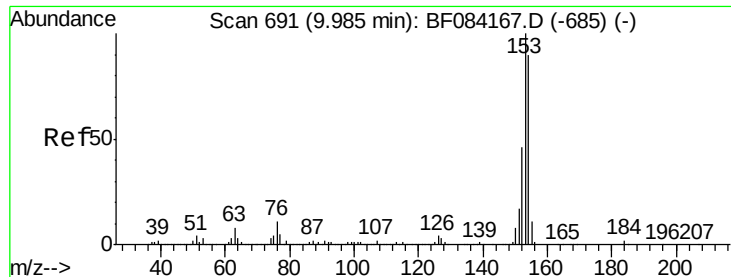


#50
2,6-Dinitrotoluene
Concen: 38.11 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.0	28.8	43.2
89	40.9	32.7	49.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.14 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1647330

Ion Ratio Lower Upper

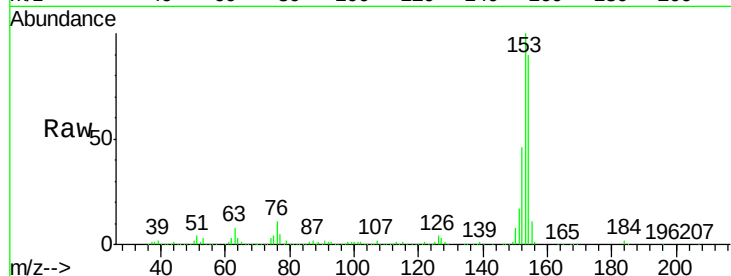
154 100

153 111.5 89.2 133.8

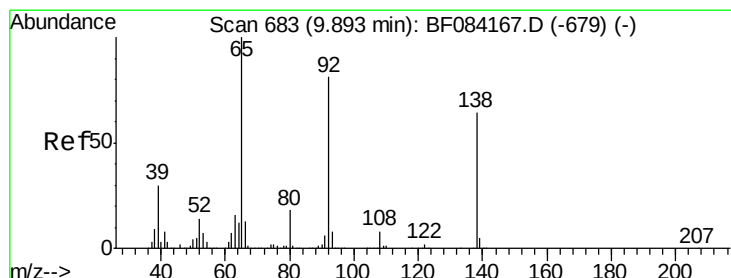
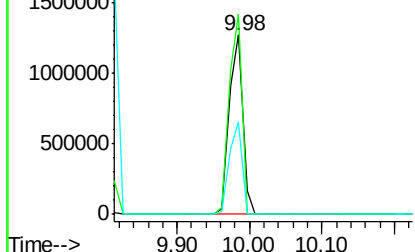
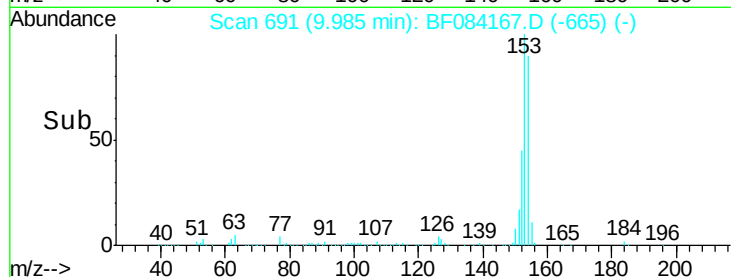
152 51.5 41.2 61.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.29 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

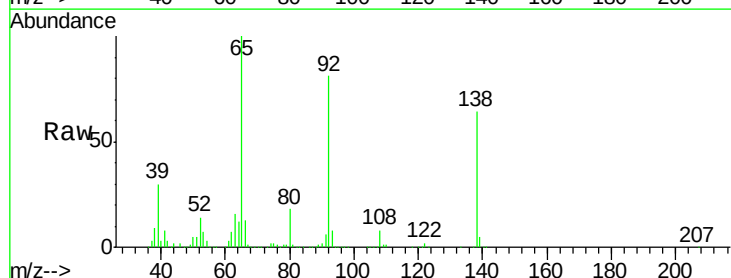
Tgt Ion:138 Resp: 439810

Ion Ratio Lower Upper

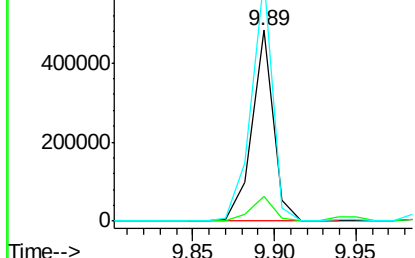
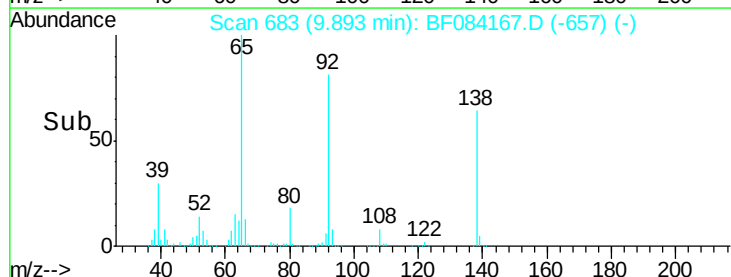
138 100

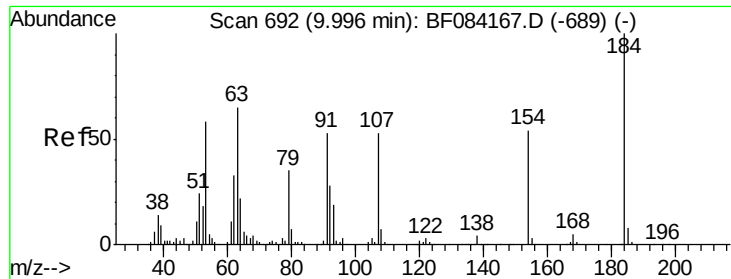
108 12.8 10.2 15.4

92 127.4 101.9 152.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





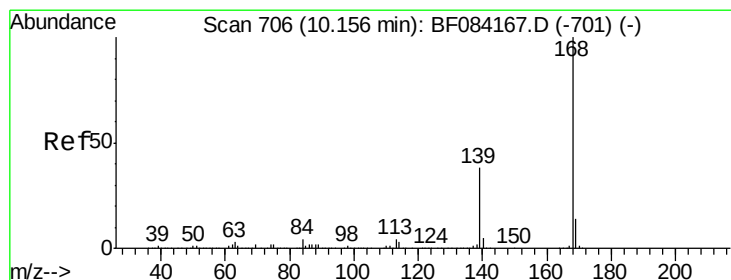
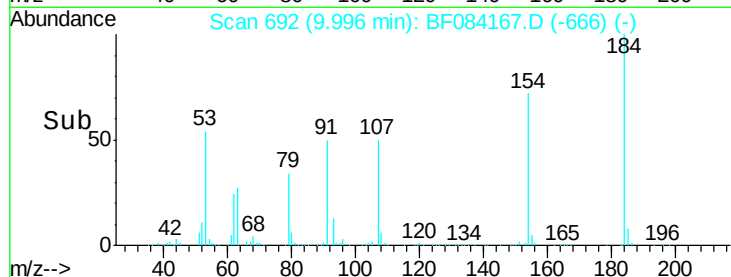
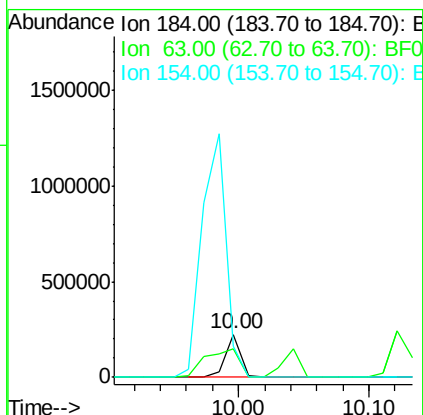
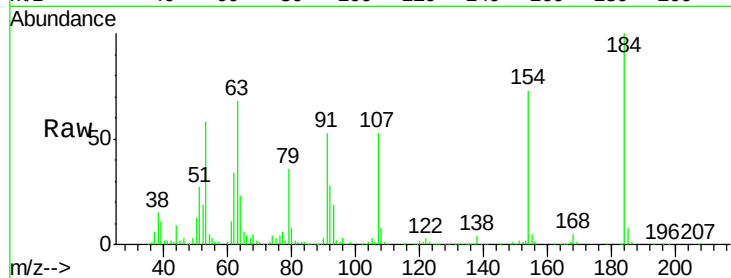
#53
2,4-Dinitrophenol
Concen: 54.61 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.8	54.2	81.4
154	72.8	58.2	87.4

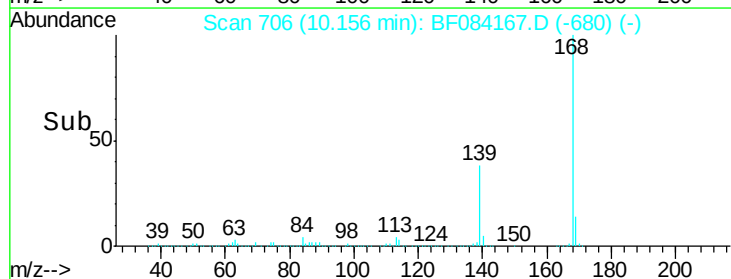
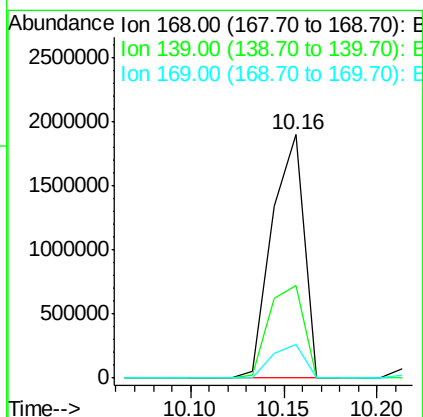
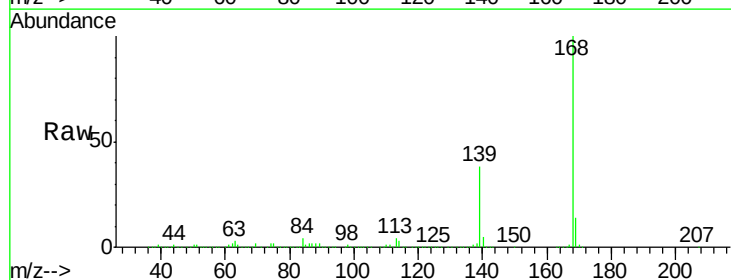
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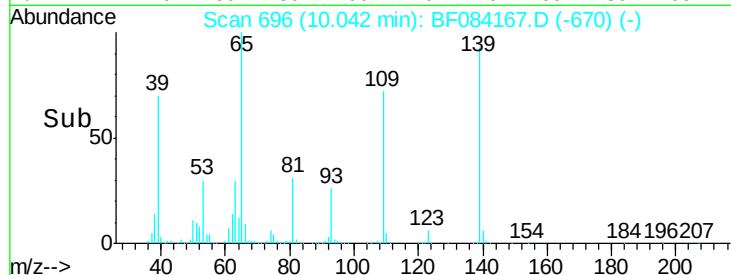
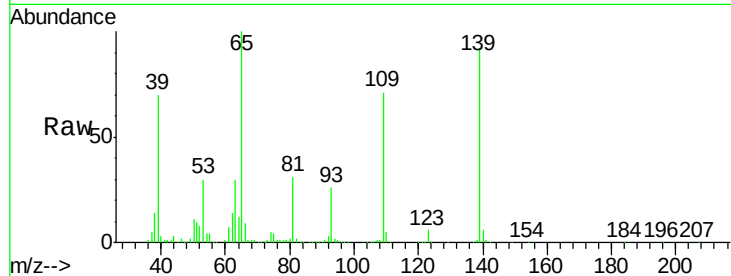
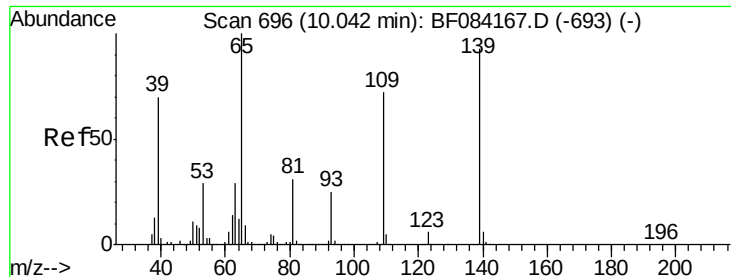
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#54
Dibenzofuran
Concen: 38.90 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.5	45.7
169	13.9	11.1	16.7





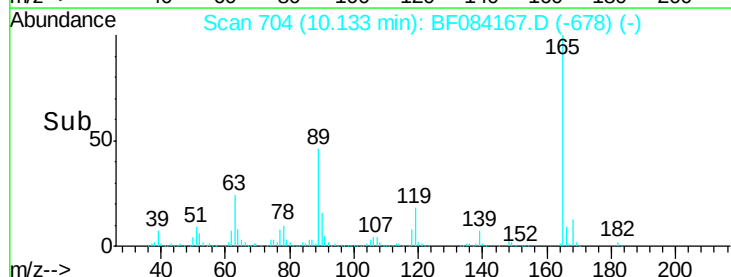
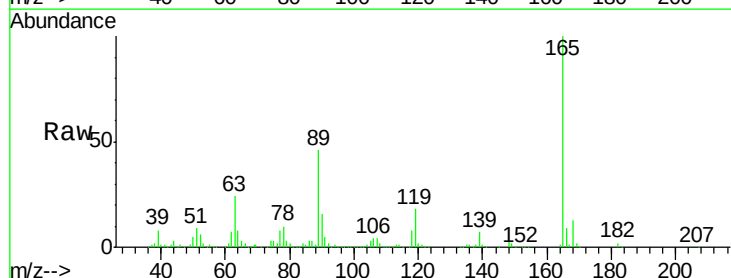
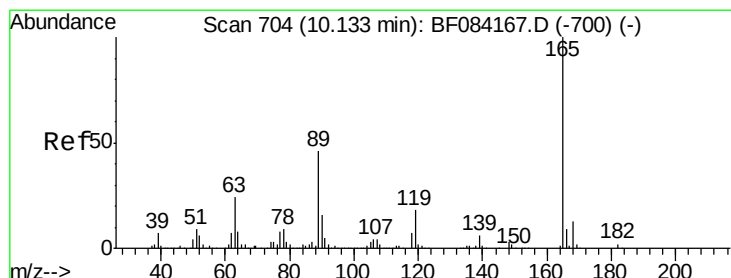
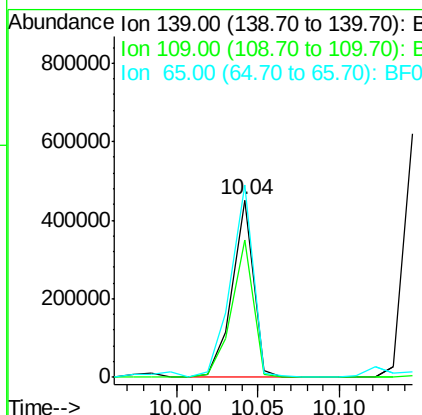
#55
4-Nitrophenol
Concen: 59.55 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tot Ion	Ratio	Resp	Lower	Upper
139	100	406940		
109	77.3	57.3	97.3	
65	108.4	88.4	128.4	

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

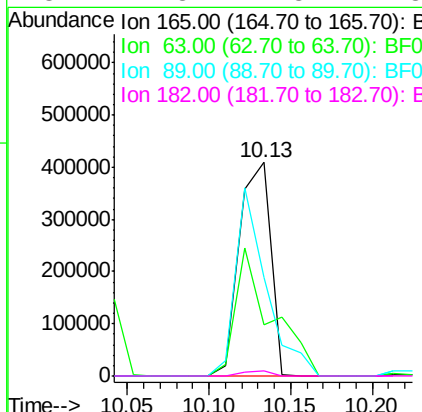
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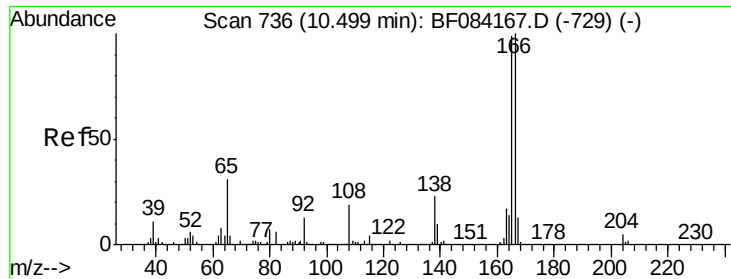
Sohil
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#56
2,4-Dinitrotoluene
Concen: 36.66 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	541697		
63	24.3	19.4	29.2	
89	46.3	37.0	55.6	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 33.15 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:166 Resp: 1595469

Ion Ratio Lower Upper

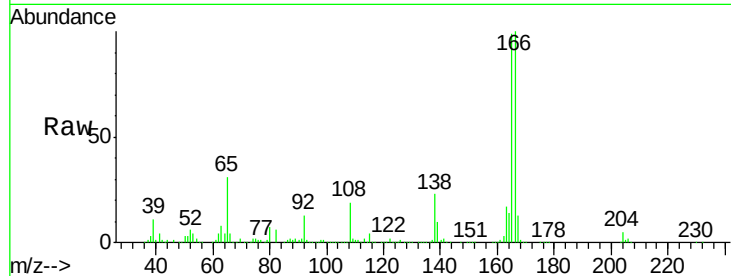
166 100

165 98.7 79.0 118.4

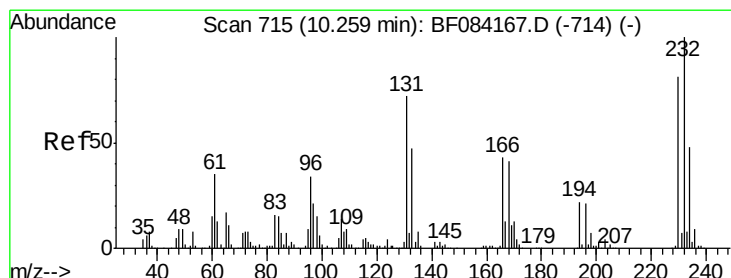
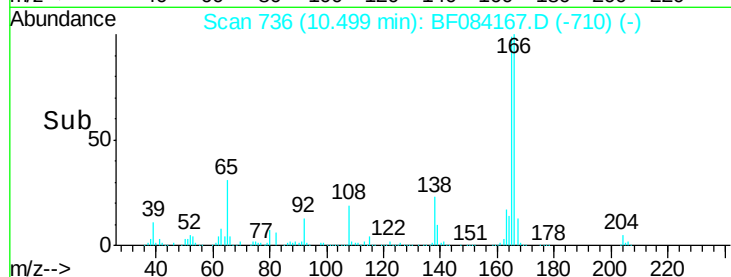
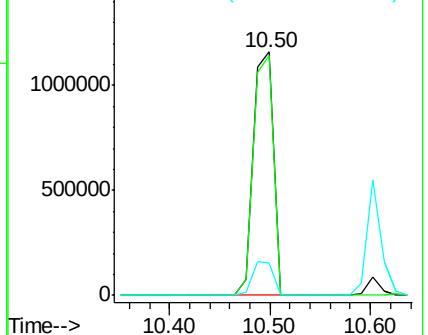
167 13.2 10.6 15.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.15 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion:232 Resp: 443832

Ion Ratio Lower Upper

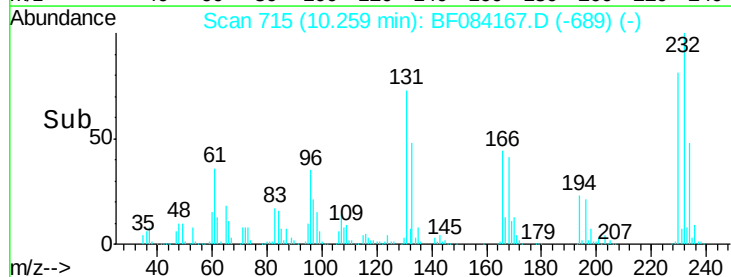
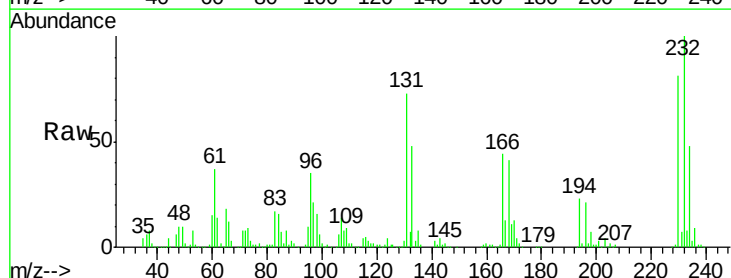
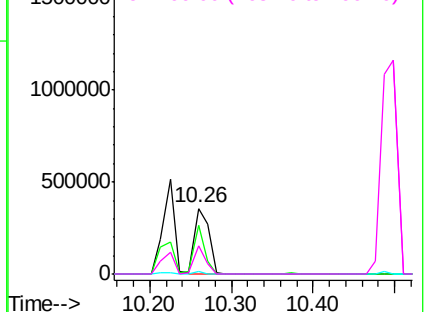
232 100

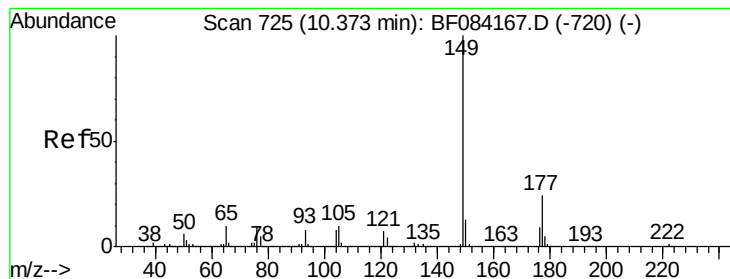
131 53.6 42.9 64.3

130 2.5 2.0 3.0

166 34.6 27.7 41.5

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.67 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1914993

Ion Ratio Lower Upper

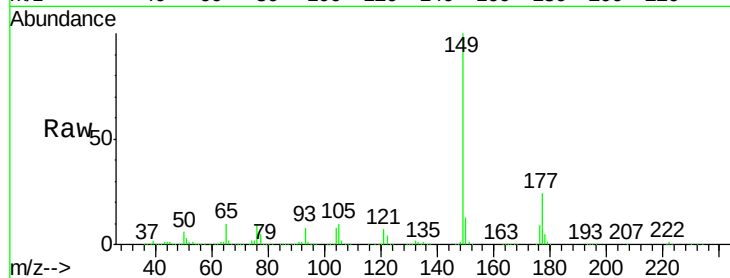
149 100

177 23.9 19.1 28.7

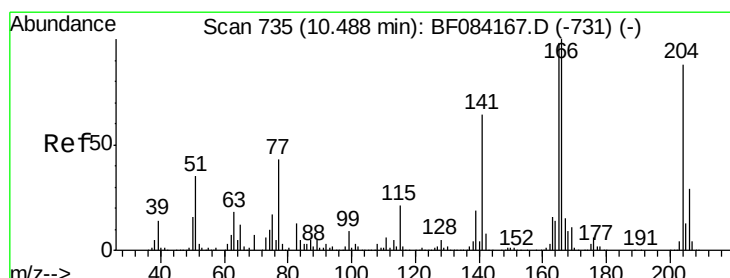
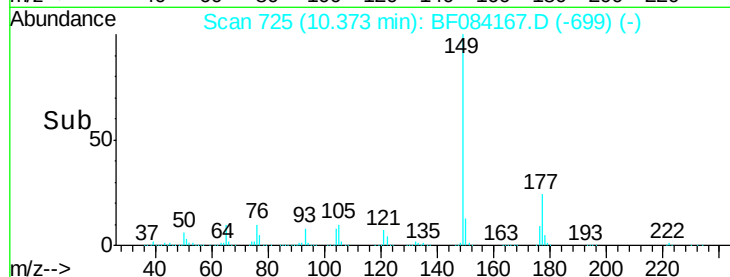
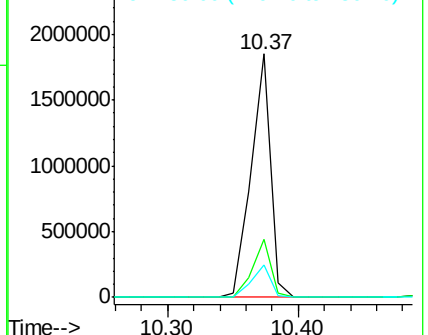
150 13.2 10.6 15.8

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



#60

4-Chlorophenyl-phenylether

Concen: 34.05 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

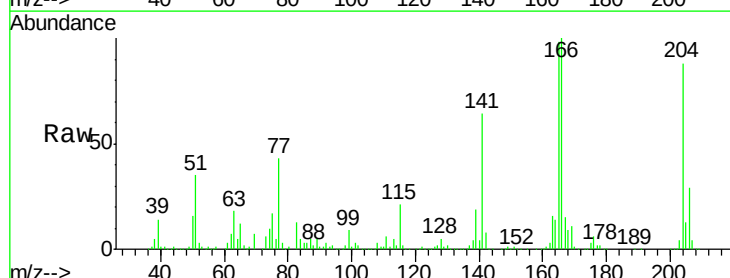
Tgt Ion:204 Resp: 762032

Ion Ratio Lower Upper

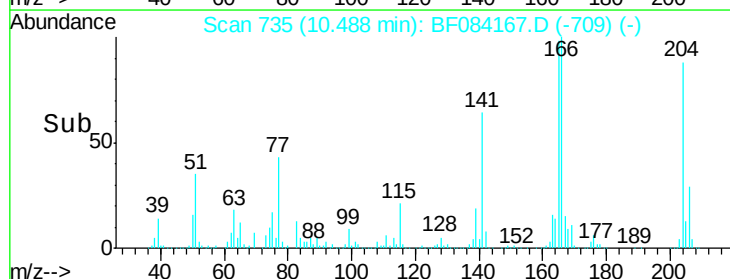
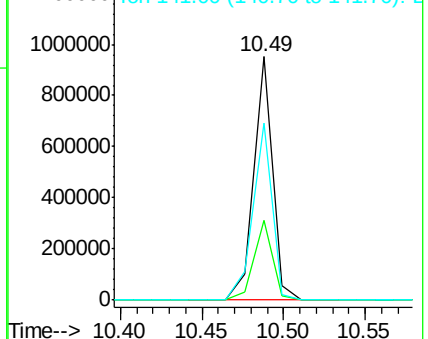
204 100

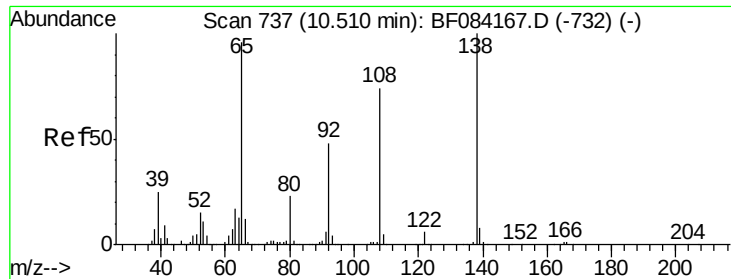
206 33.0 26.4 39.6

141 72.5 58.0 87.0



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





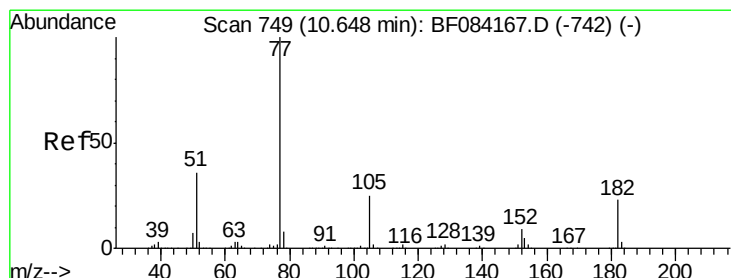
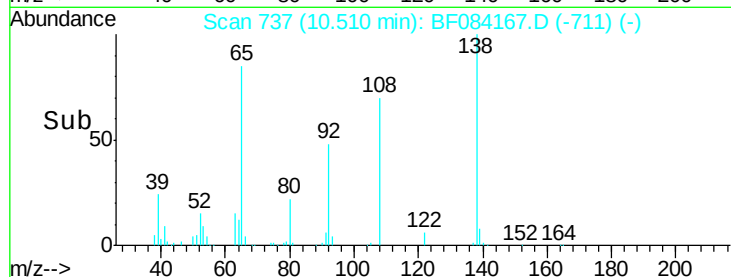
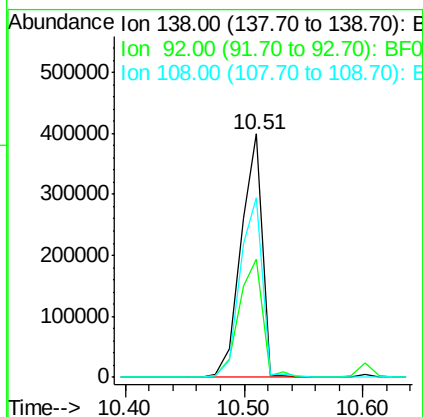
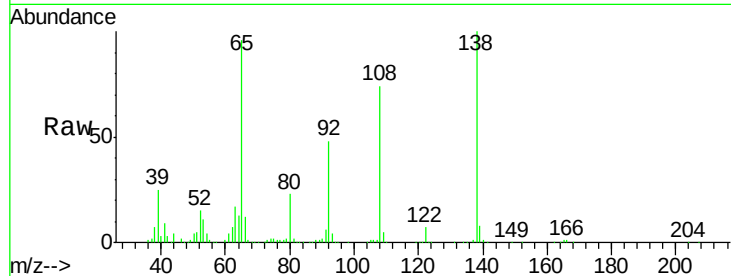
#61
4-Nitroaniline
Concen: 43.76 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	28.4	68.4
108	74.0	54.0	94.0

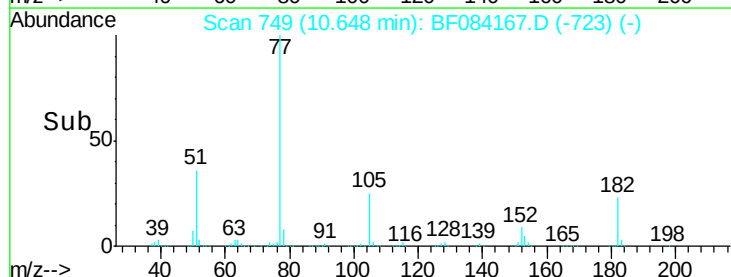
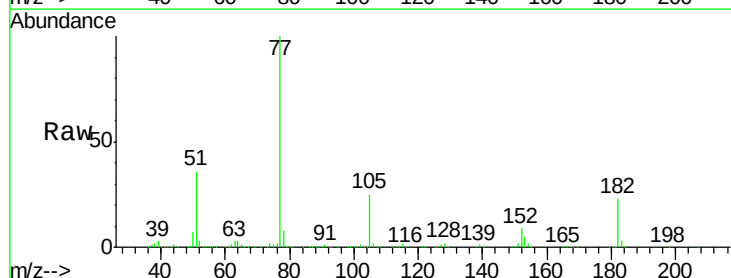
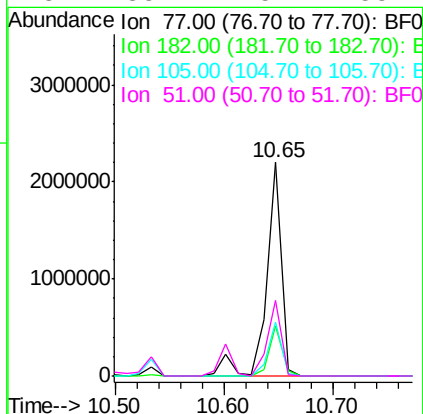
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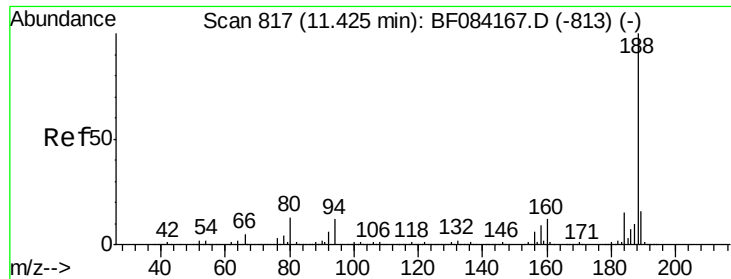
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#62
Azobenzene
Concen: 46.82 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	3.2	43.2
105	25.1	5.1	45.1
51	35.7	15.7	55.7





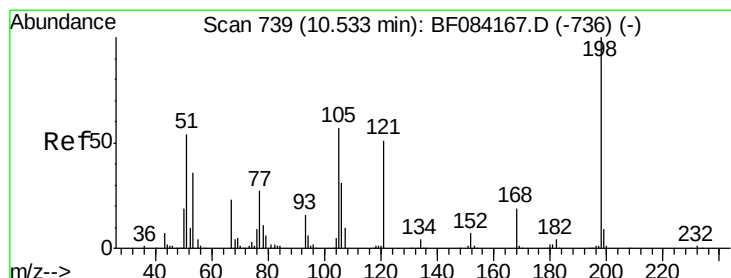
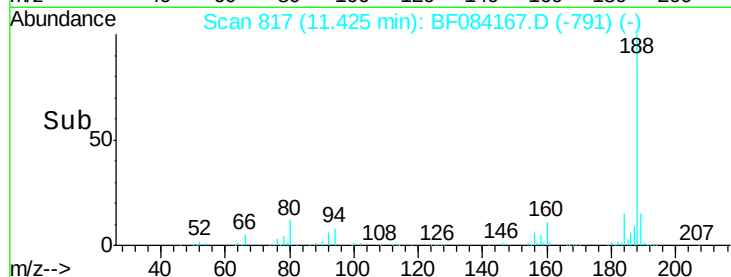
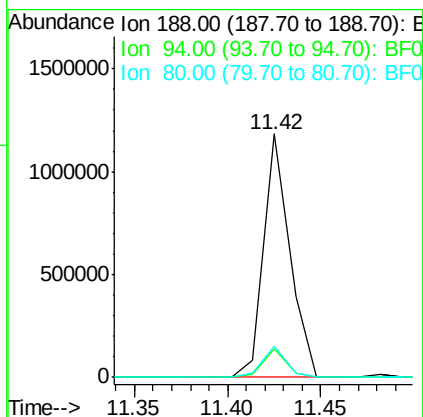
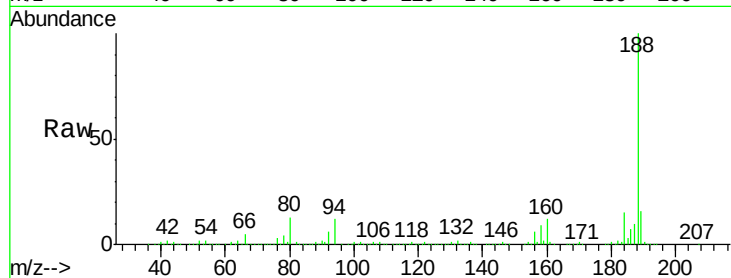
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.2	13.8
80	12.6	10.1	15.1

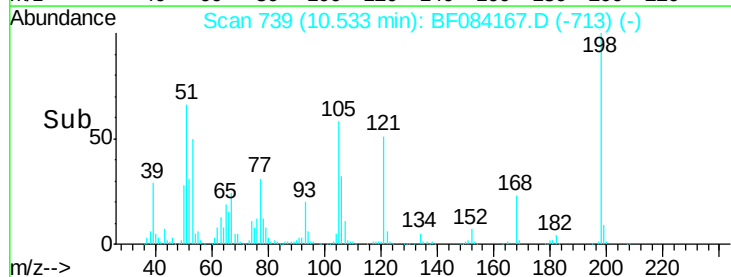
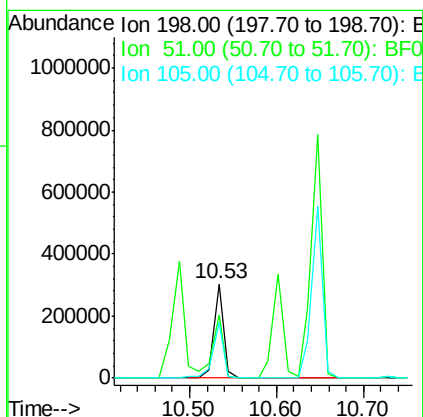
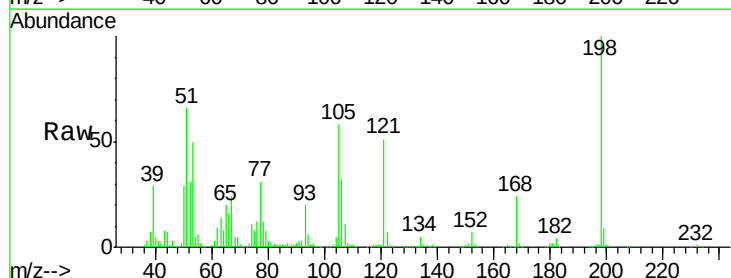
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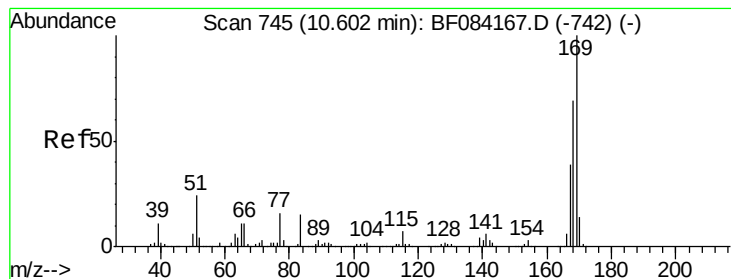
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.59 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
198	100		
51	66.4	46.4	86.4
105	58.5	38.5	78.5





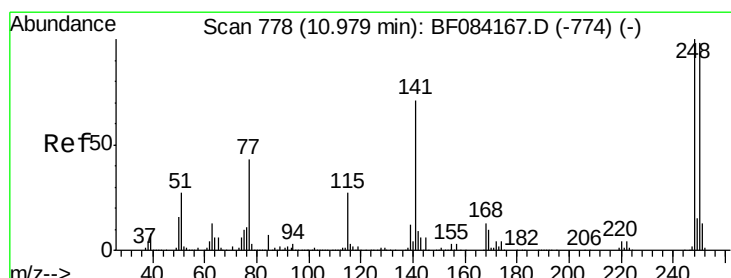
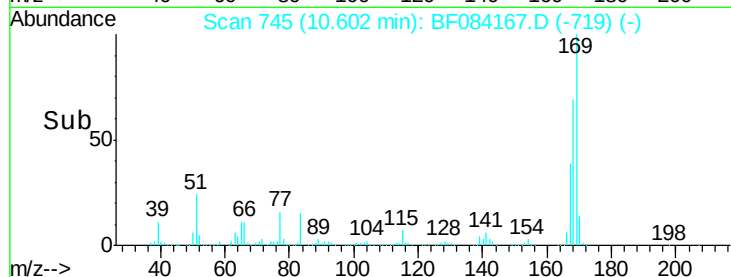
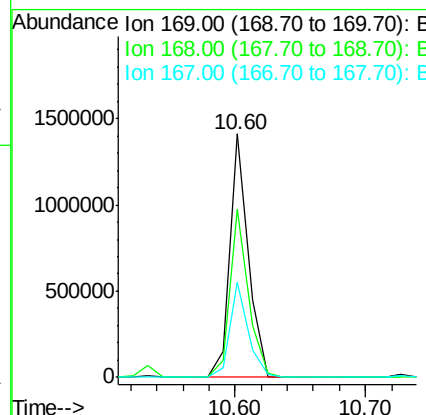
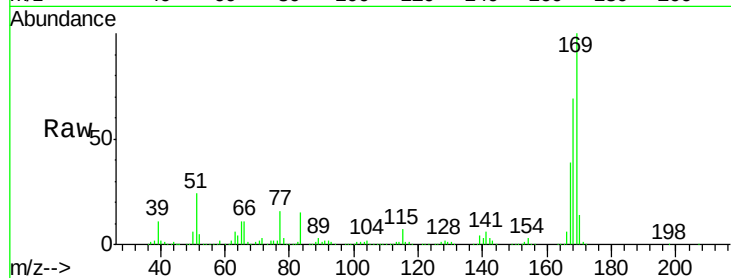
#65
 n-Nitrosodiphenylamine
 Concen: 35.04 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.2	82.8
167	38.9	31.1	46.7

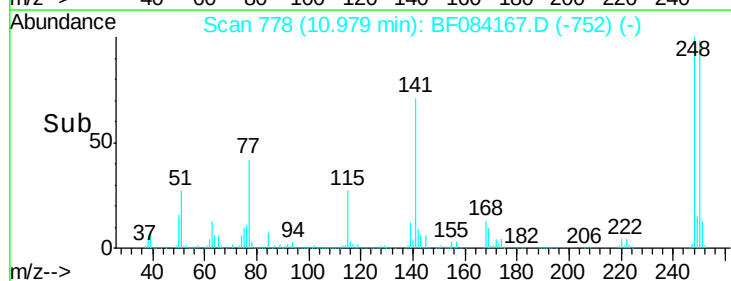
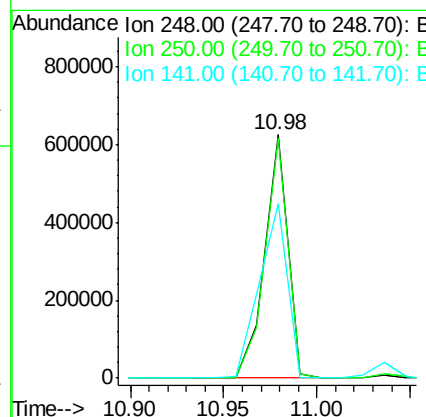
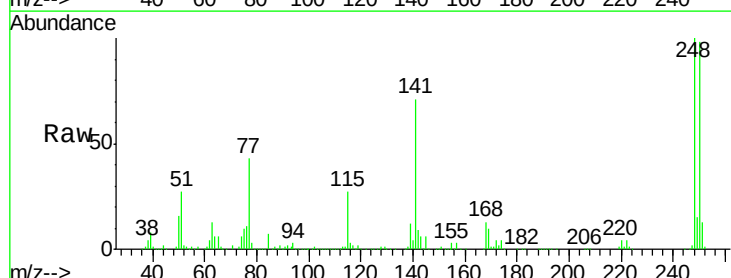
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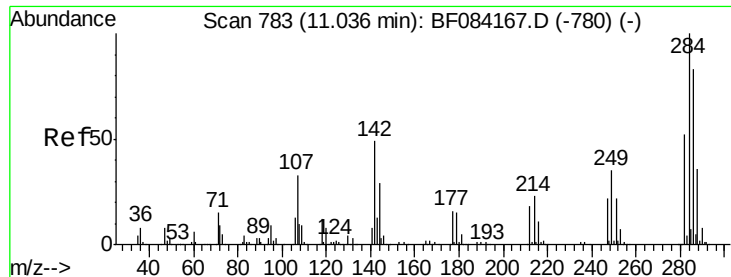
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#66
 4-Bromophenyl-phenylether
 Concen: 40.20 ng
 RT: 10.98 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.7	118.1
141	71.4	57.1	85.7





#67

Hexachlorobenzene

Concen: 35.66 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

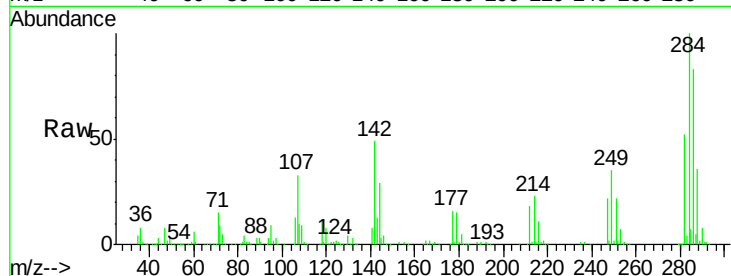
ClientSampleId :

SSTDICCC040

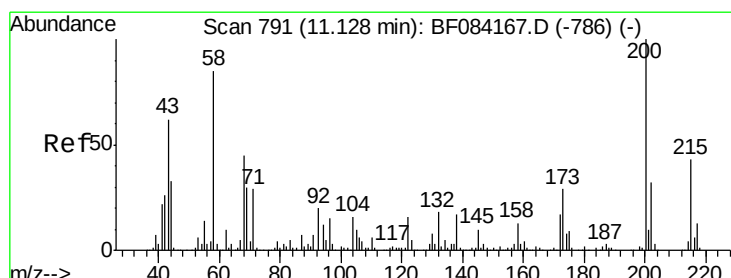
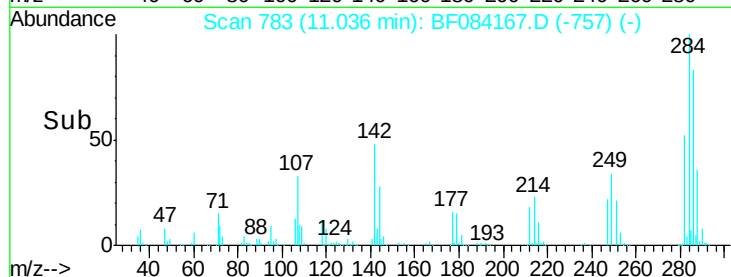
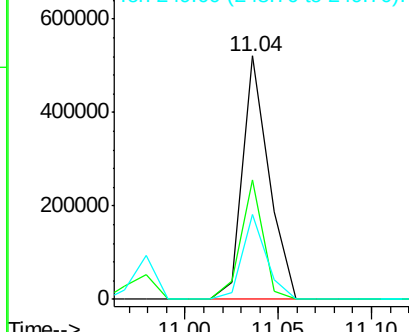
Tot Ion:	284	Resp:	511095
Ion Ratio	Lower	Upper	
284	100		
142	49.3	39.4	59.2
249	34.7	27.8	41.6

Manual Integrations
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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: 37.70 ng

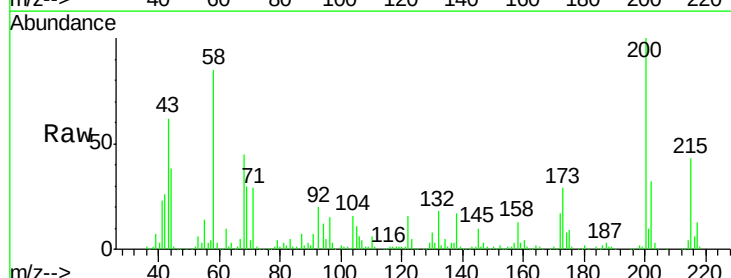
RT: 11.13 min Scan# 791

Delta R.T. 0.00 min

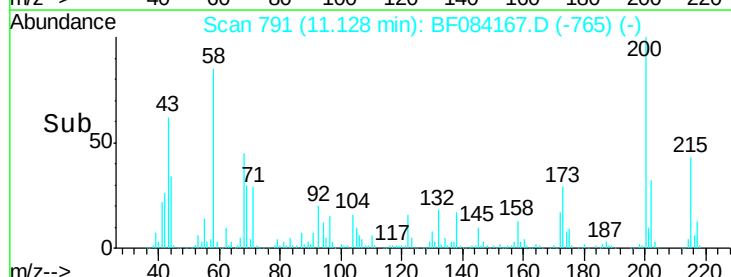
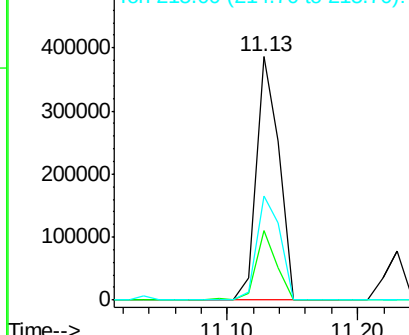
Lab File: BF084167.D

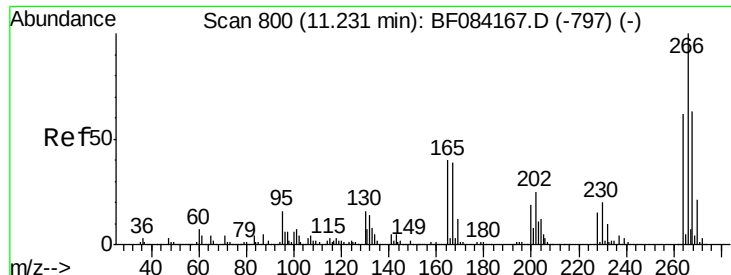
Acq: 31 Dec 2015 00:54

Tgt Ion:	200	Resp:	464625
Ion Ratio	Lower	Upper	
200	100		
173	28.5	8.5	48.5
215	42.7	22.7	62.7



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





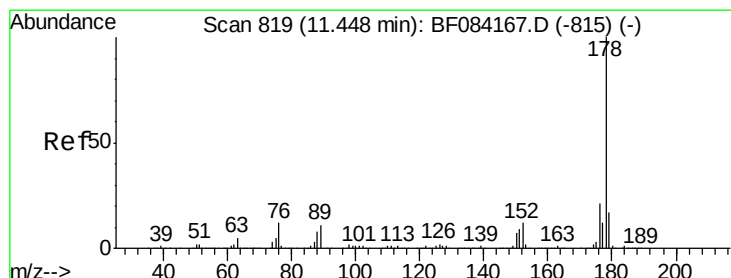
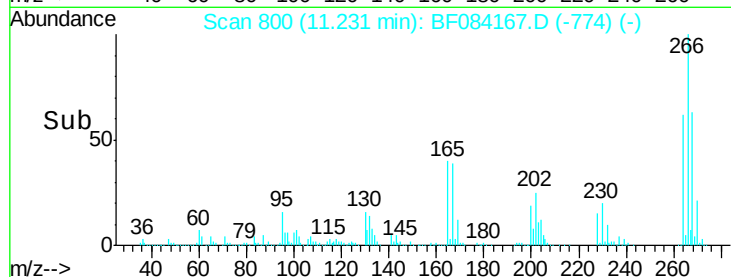
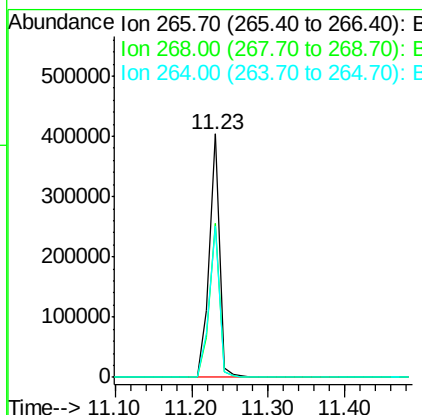
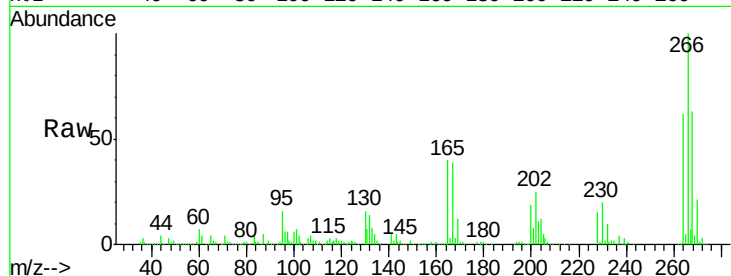
#69
 Pentachlorophenol
 Concen: 77.24 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.7	76.1
264	62.4	49.9	74.9

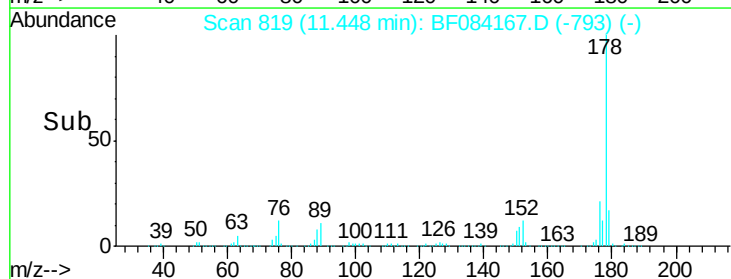
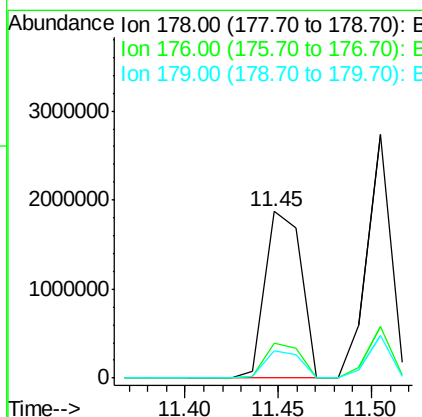
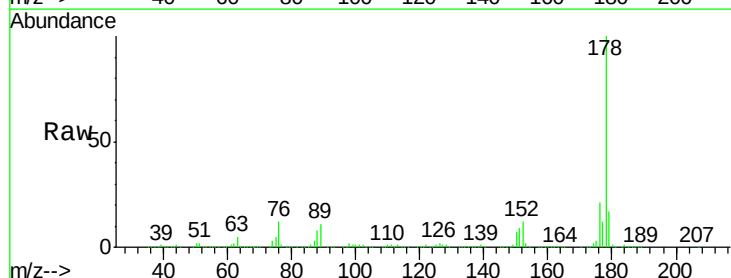
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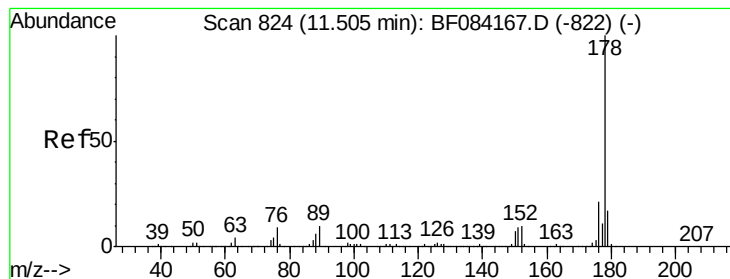
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#70
 Phenanthrene
 Concen: 37.46 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	25.0
179	16.7	13.4	20.0





#71

Anthracene

Concen: 34.69 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 2413108

Ion Ratio Lower Upper

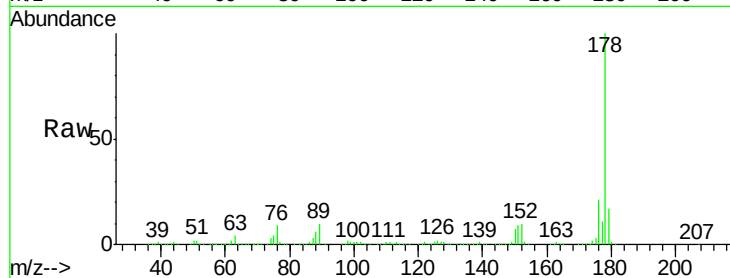
178 100

176 21.4 17.1 25.7

179 17.4 13.9 20.9

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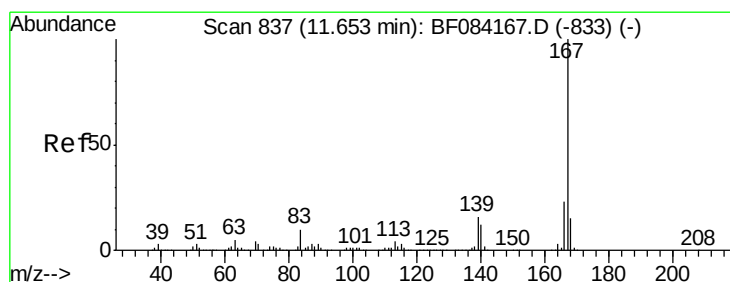
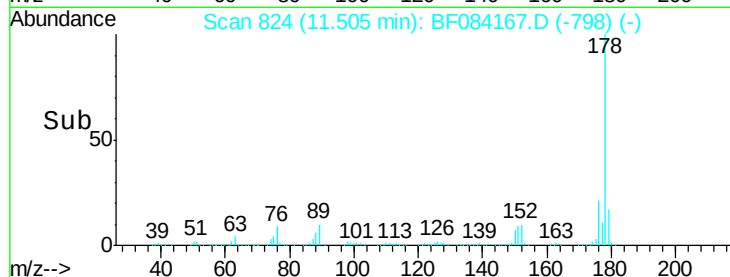
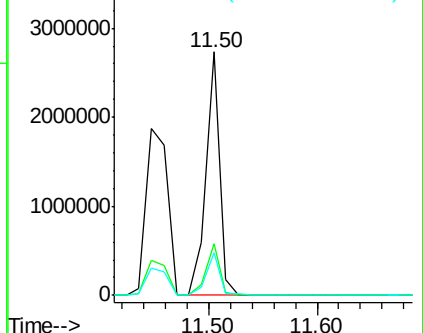
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.13 ng

RT: 11.65 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

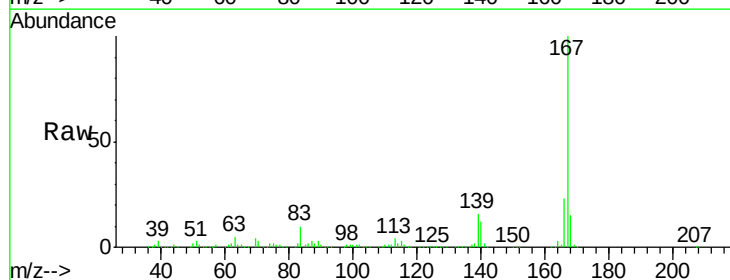
Tgt Ion:167 Resp: 2088392

Ion Ratio Lower Upper

167 100

166 23.3 18.6 28.0

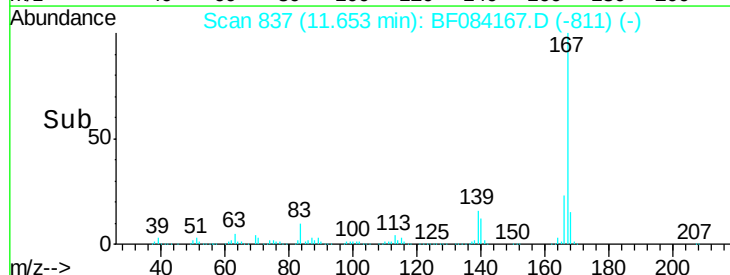
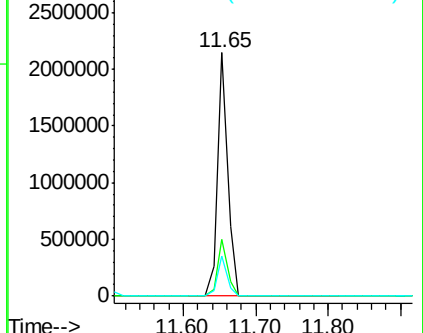
139 16.3 13.0 19.6

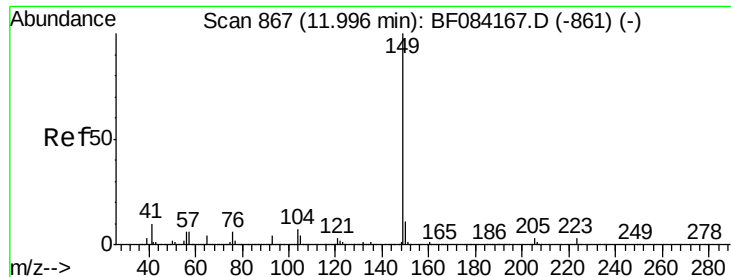


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.85 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

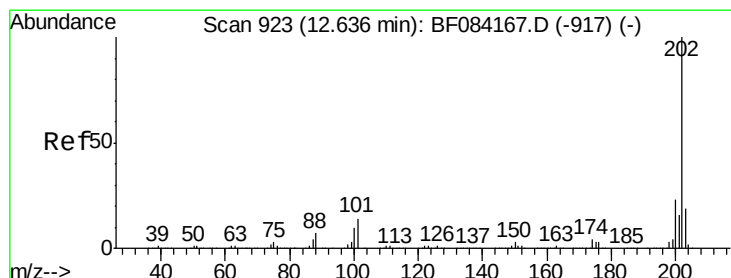
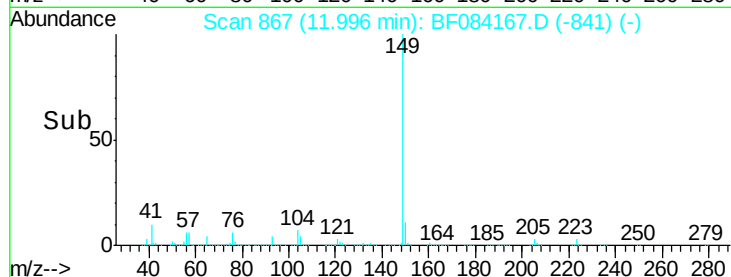
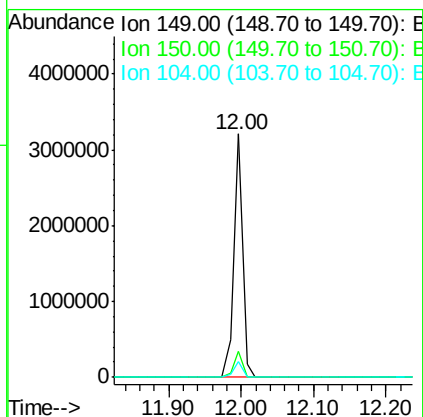
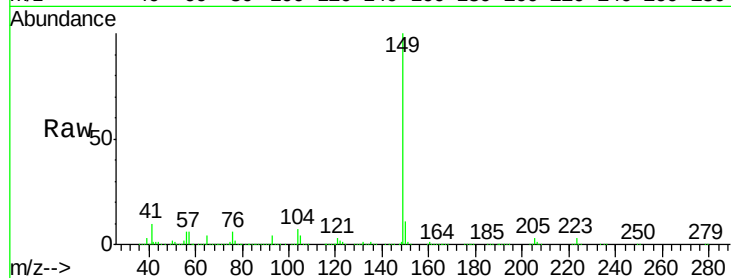
SSTDICCC040

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Tot Ion:149 Resp: 2667091

Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.5	12.7
104	6.5	5.2	7.8



#74

Fluoranthene

Concen: 32.81 ng

RT: 12.64 min Scan# 923

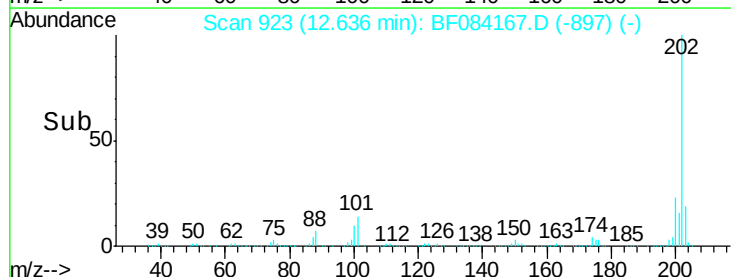
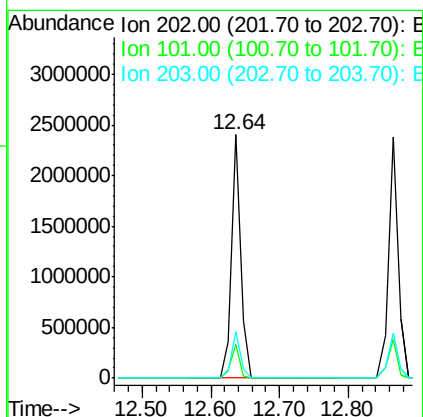
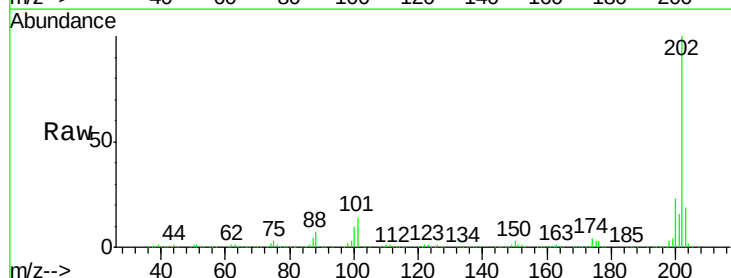
Delta R.T. 0.00 min

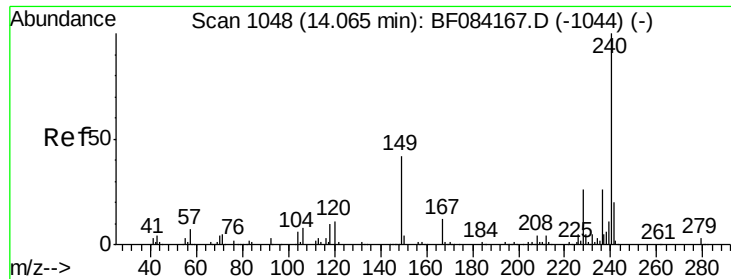
Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion:202 Resp: 2299778

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.0
203	19.2	0.0	39.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

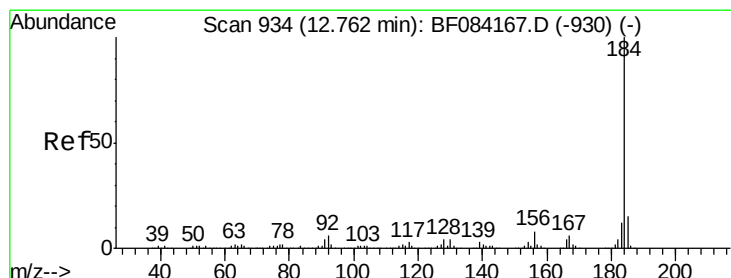
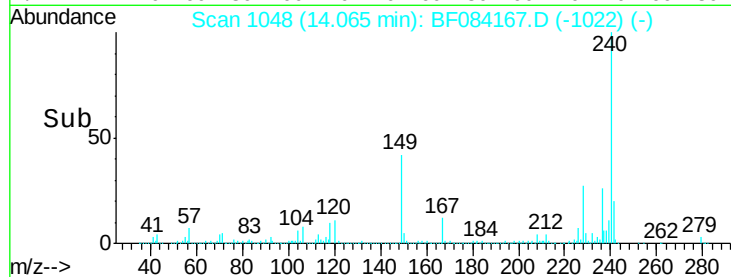
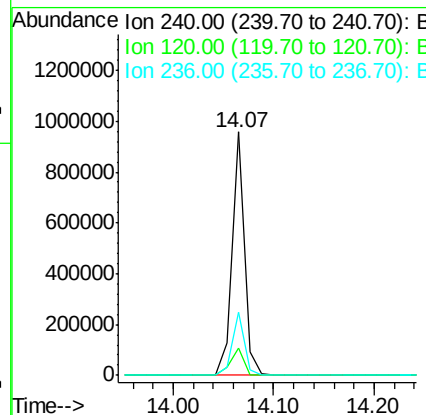
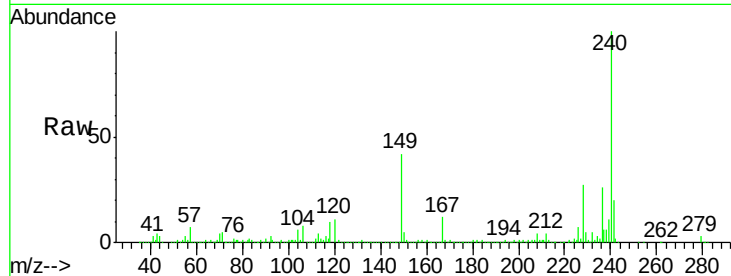
ClientSampleId :

SSTDICCC040

Tot Ion:	240	Resp:	816554
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.8	13.2
236	26.0	20.8	31.2

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#76

Benzidine

Concen: 46.25 ng

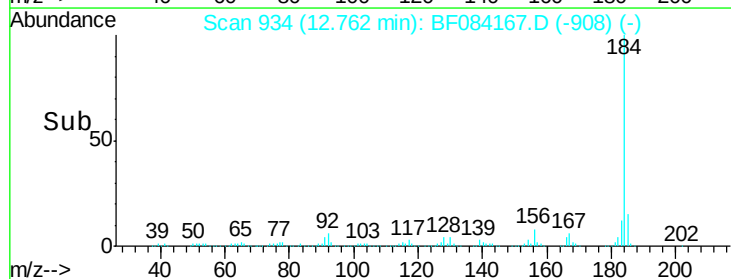
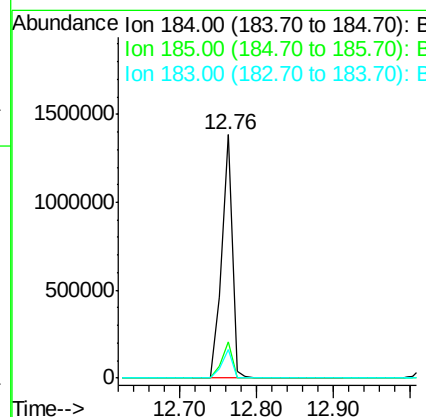
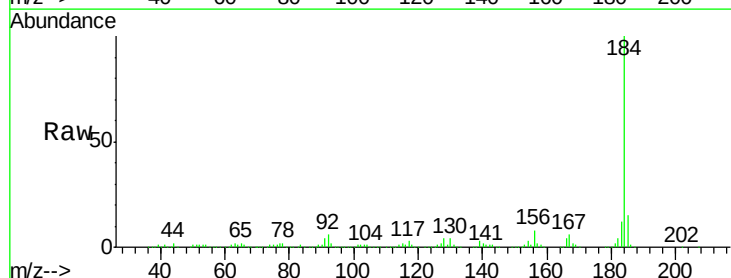
RT: 12.76 min Scan# 934

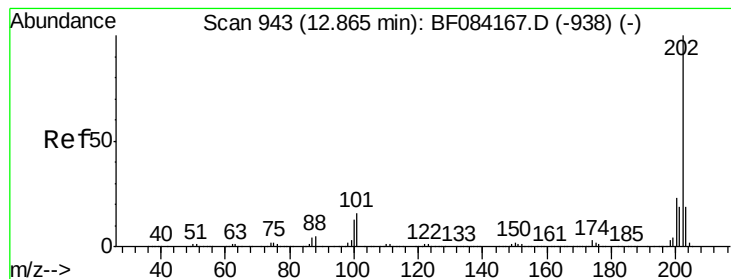
Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tgt Ion:	184	Resp:	1317102
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.9	17.9
183	11.9	9.5	14.3





#77

Pvrene

Concen: 34.42 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 2340948

Ion Ratio Lower Upper

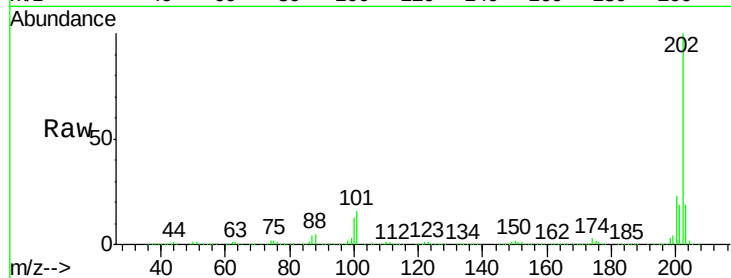
202 100

200 23.4 18.7 28.1

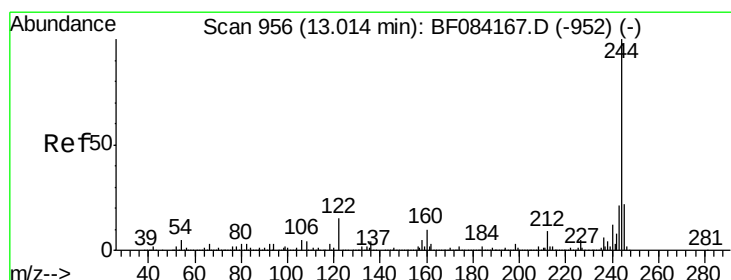
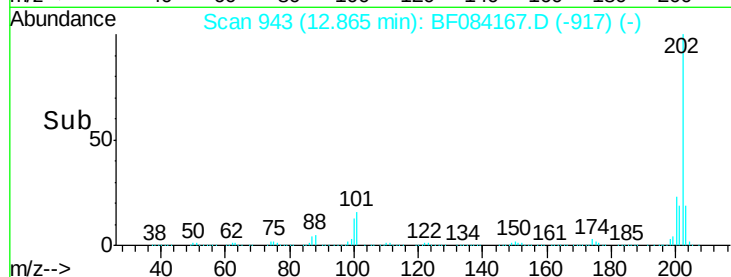
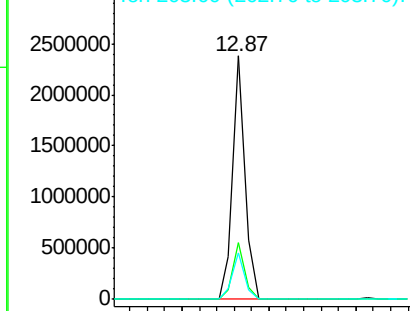
203 19.0 15.2 22.8

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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: 58.20 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

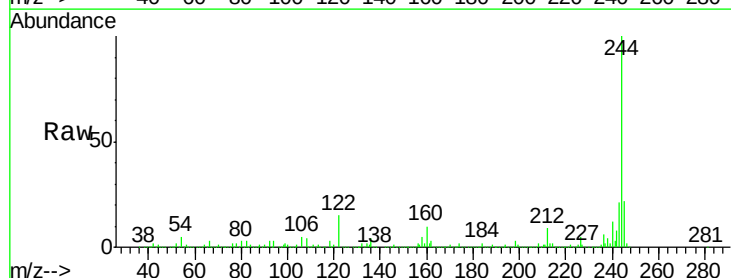
Tgt Ion:244 Resp: 2539426

Ion Ratio Lower Upper

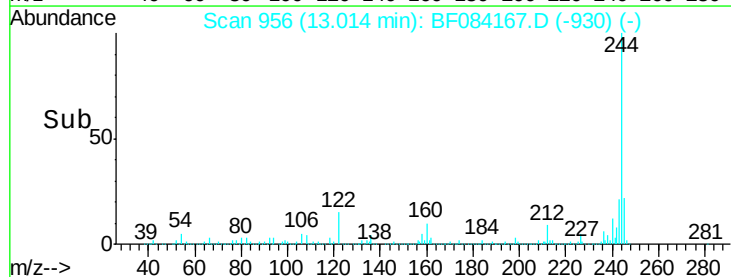
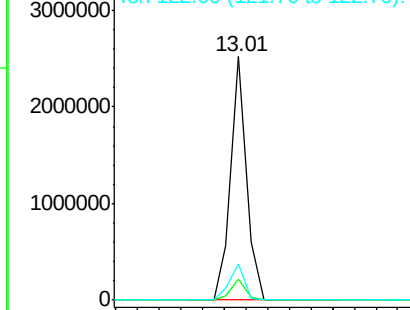
244 100

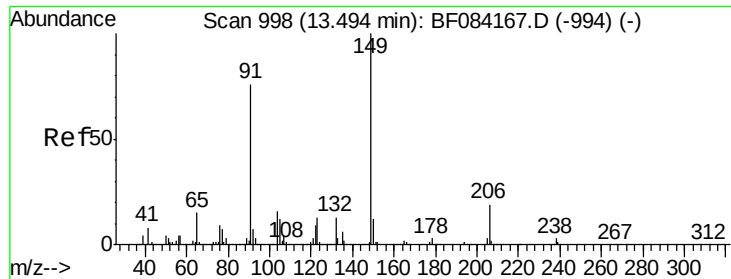
212 8.7 7.0 10.4

122 14.9 11.9 17.9



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





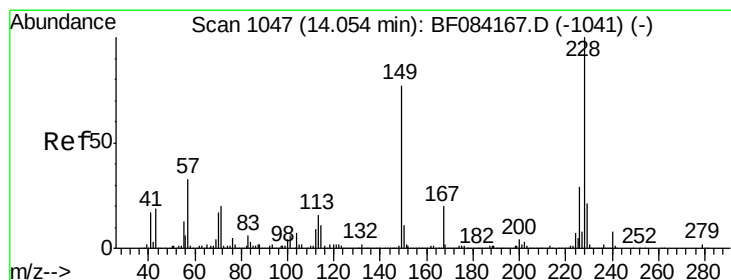
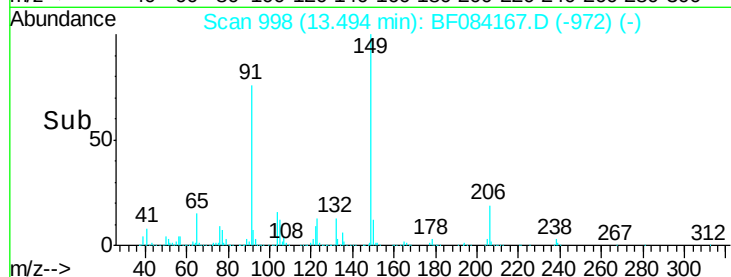
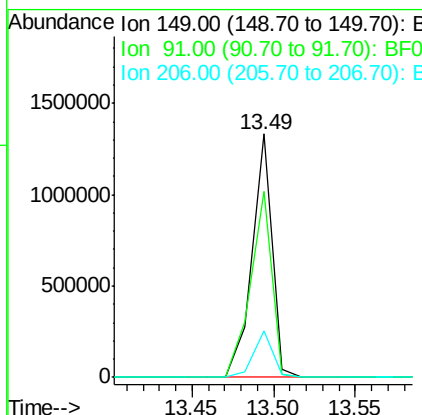
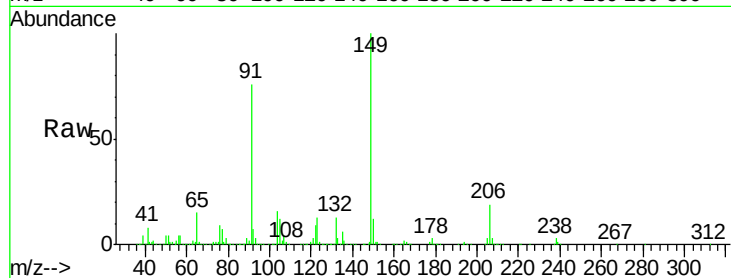
#79
Butylbenzylphthalate
Concen: 39.11 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.4	61.1	91.7
206	19.1	15.3	22.9

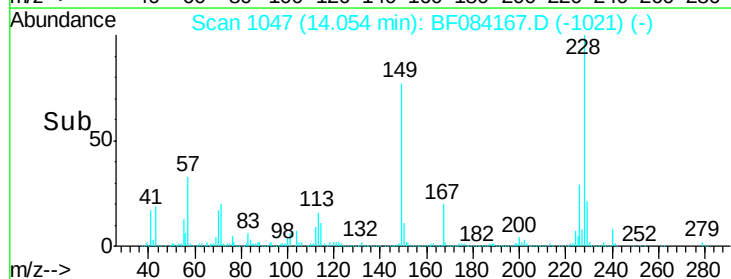
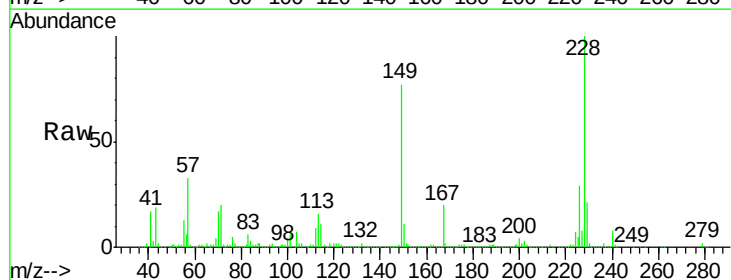
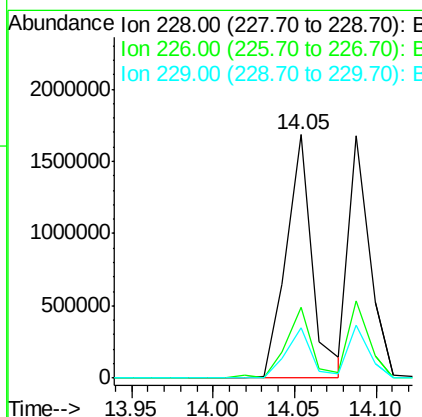
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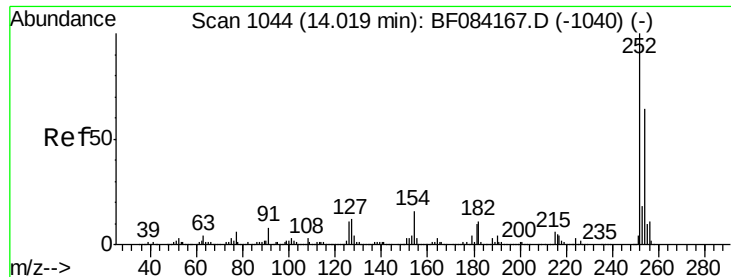
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#80
Benzo(a)anthracene
Concen: 37.90 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	20.8	16.6	25.0





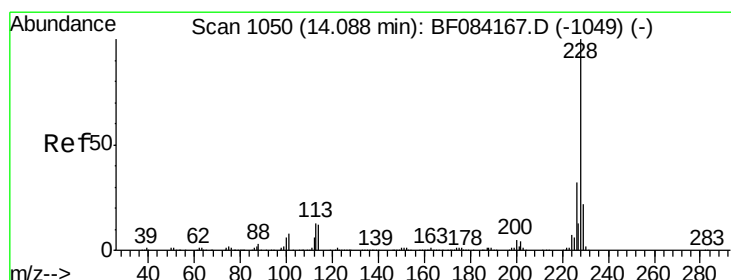
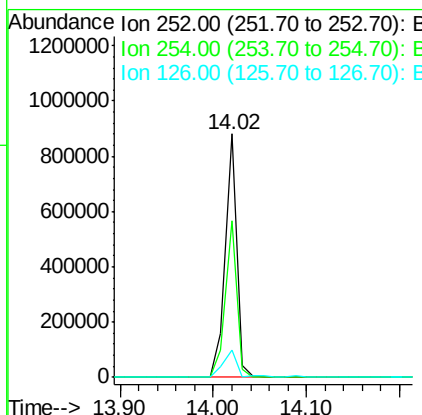
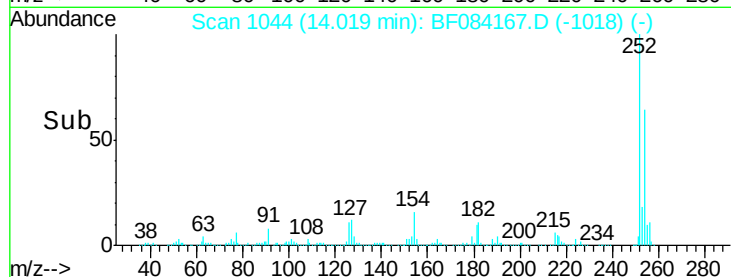
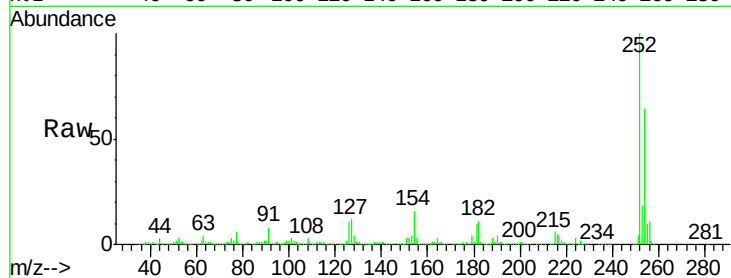
#81
 3,3'-Dichlorobenzidine
 Concen: 48.45 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	11.3	9.0	13.6

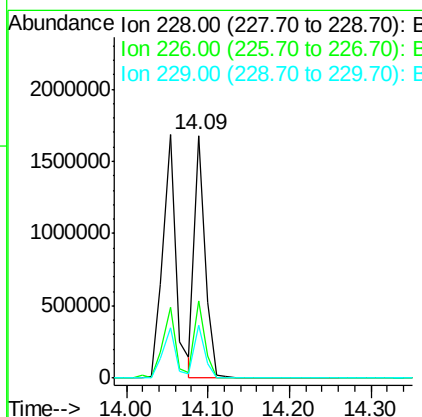
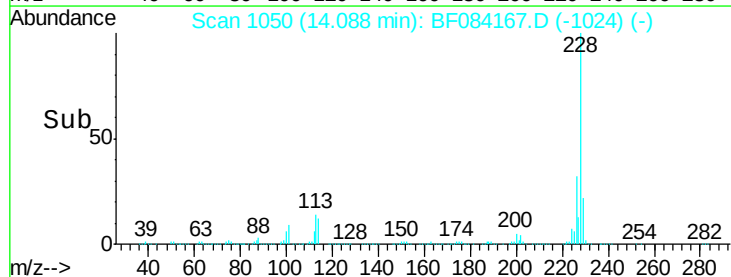
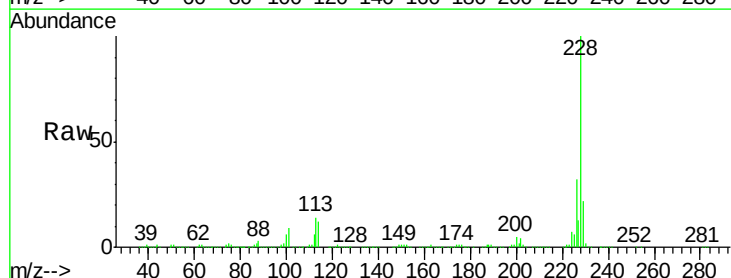
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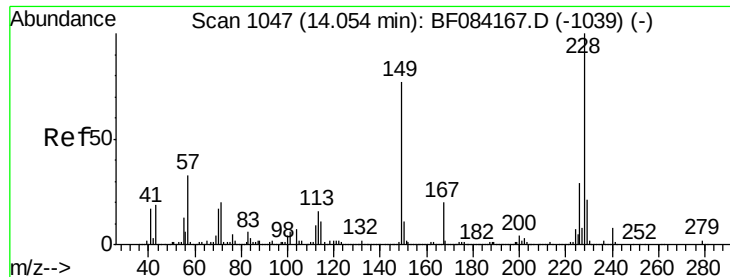
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#82
 Chrysene
 Concen: 34.68 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.2
229	21.8	17.4	26.2





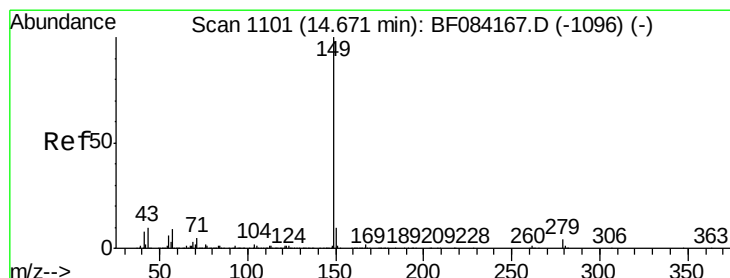
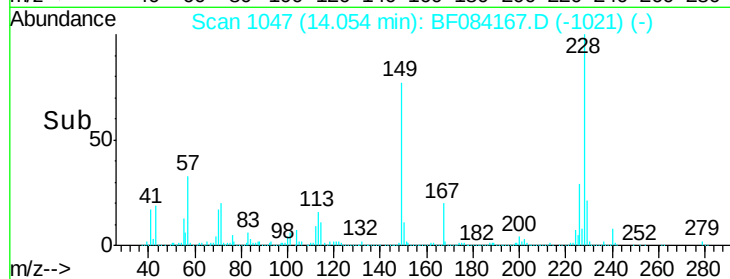
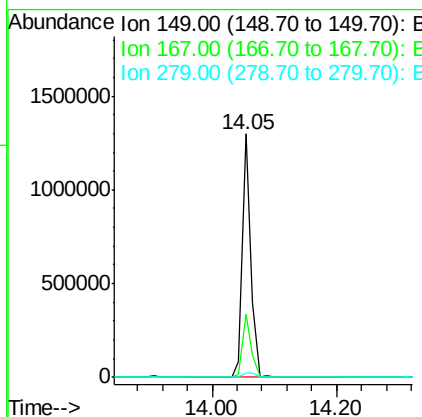
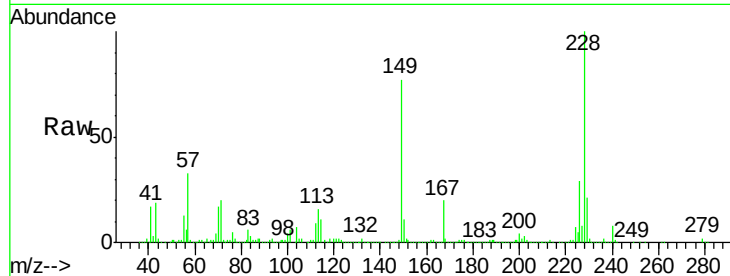
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.94 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:149 Resp: 1239404
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.6 30.8
 279 2.0 1.6 2.4

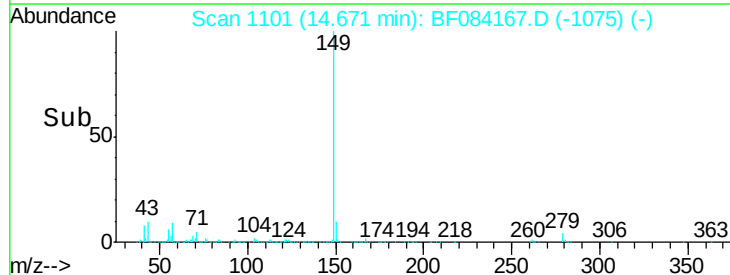
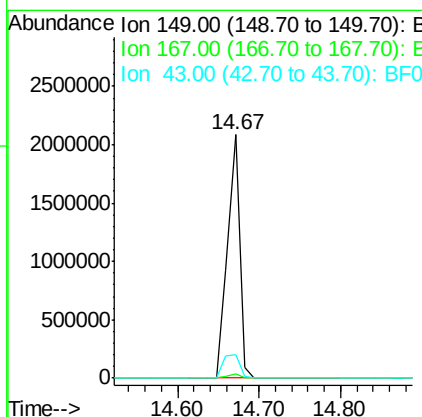
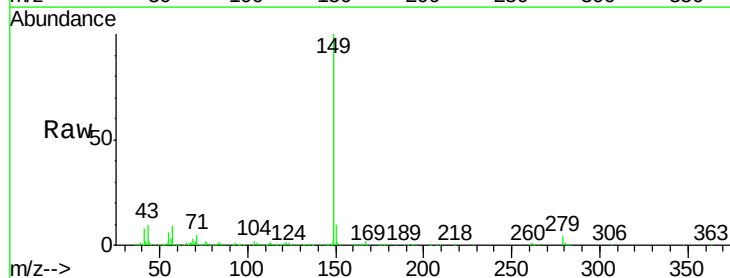
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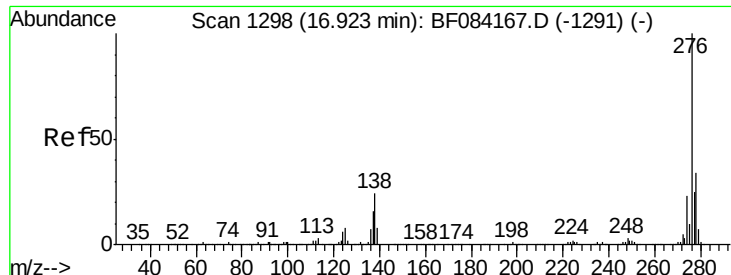
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#84
 Di-n-octyl phthalate
 Concen: 40.76 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF084167.D
 Acq: 31 Dec 2015 00:54

Tgt Ion:149 Resp: 2145420
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 13.1 10.5 15.7





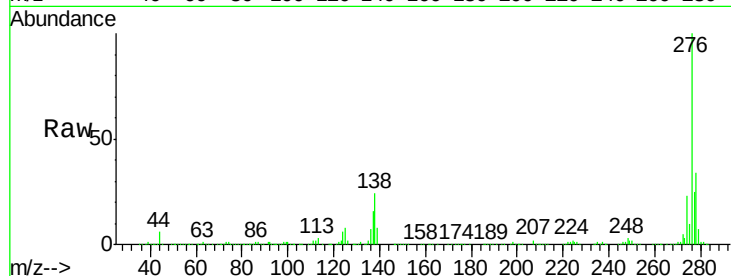
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.34 ng
RT: 16.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

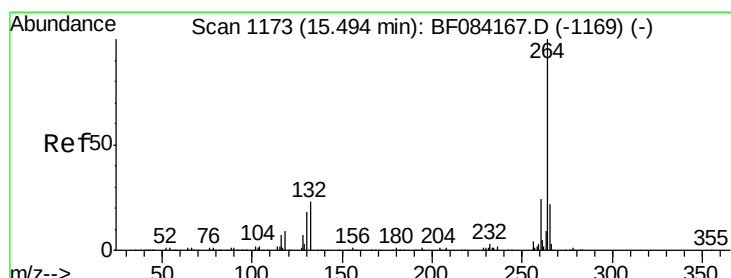
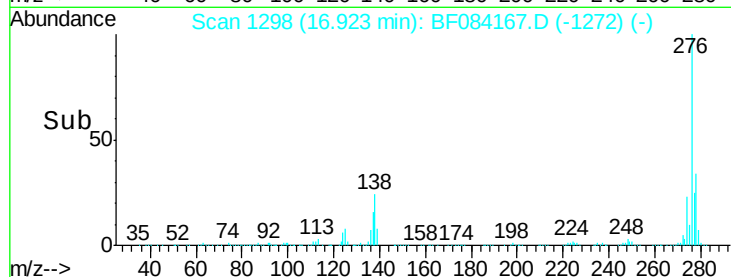
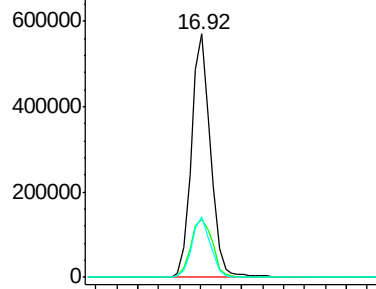
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	24.6	19.7	29.5

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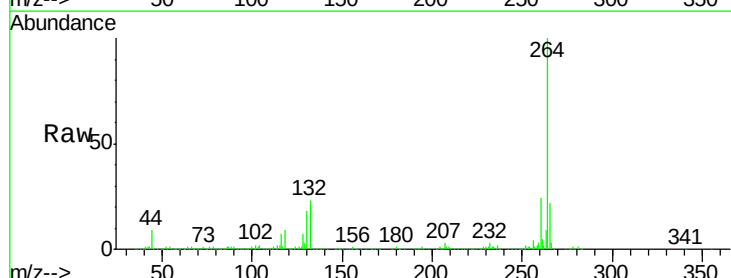


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

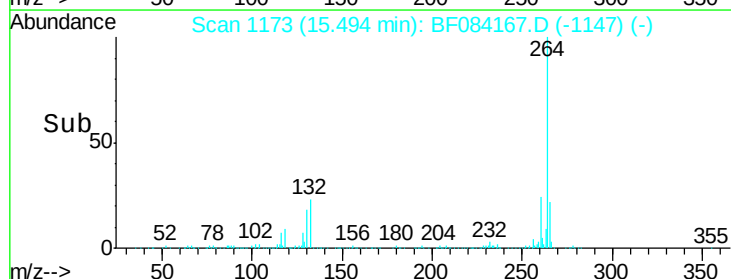
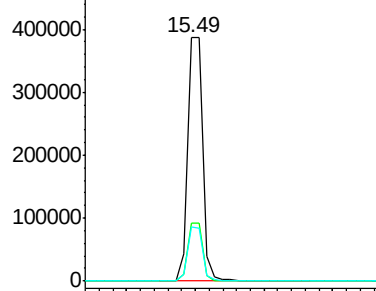


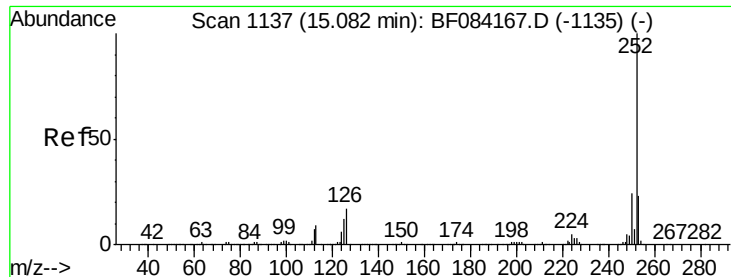
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.5	18.0	27.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





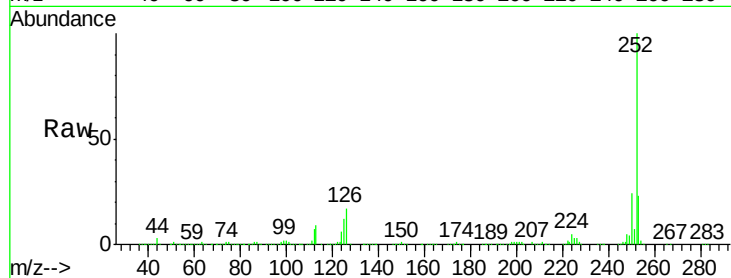
#87
Benzo(b)fluoranthene
Concen: 40.03 ng m
RT: 15.08 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

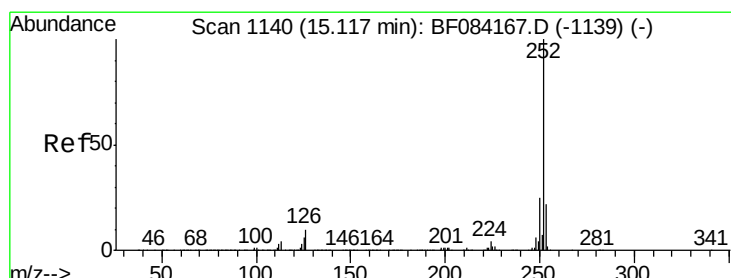
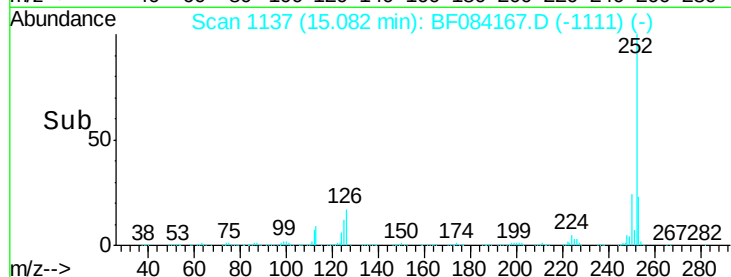
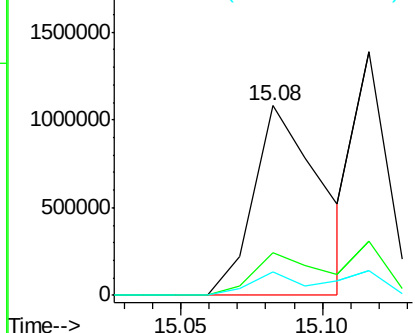
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.2	9.8	14.6

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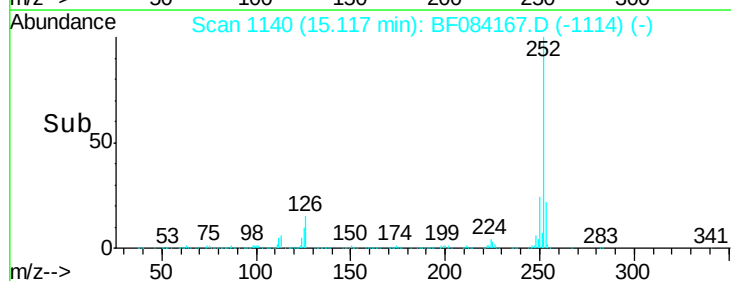
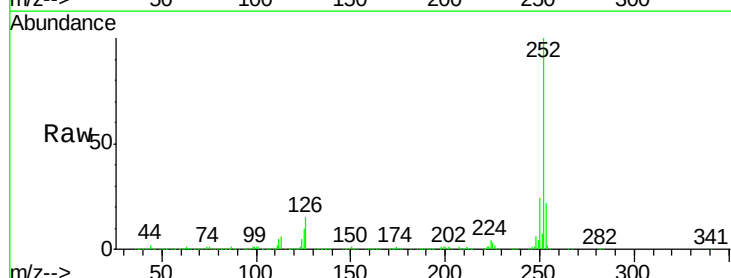
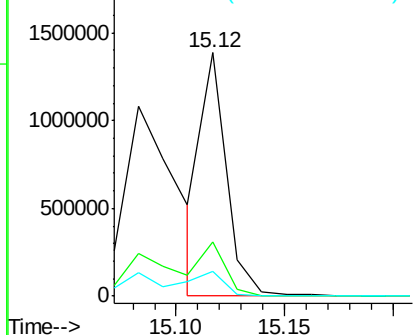
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

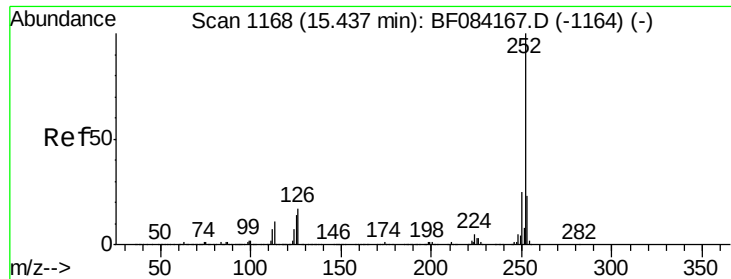


#88
Benzo(k)fluoranthene
Concen: 37.35 ng m
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.2	8.2	12.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





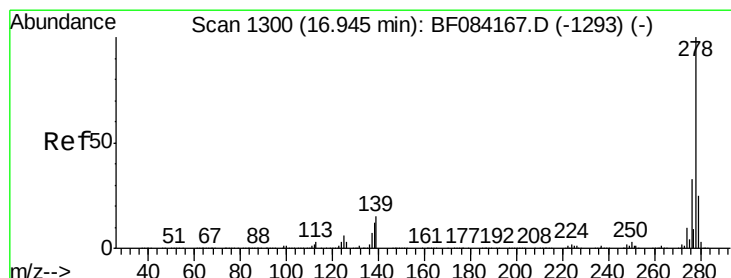
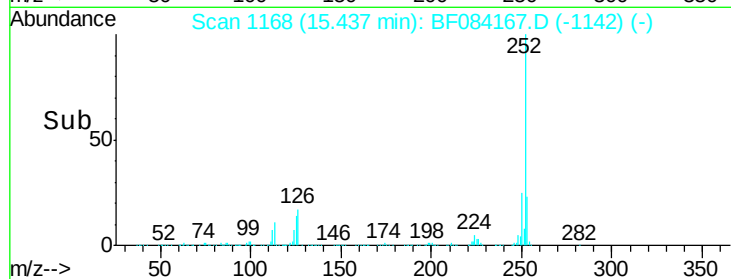
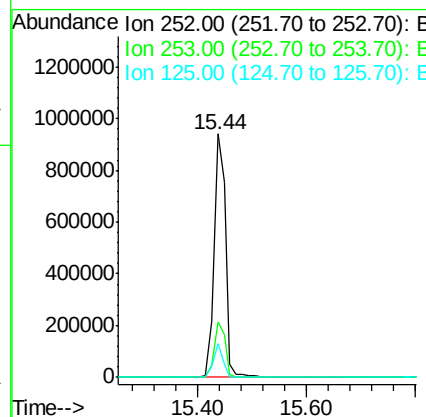
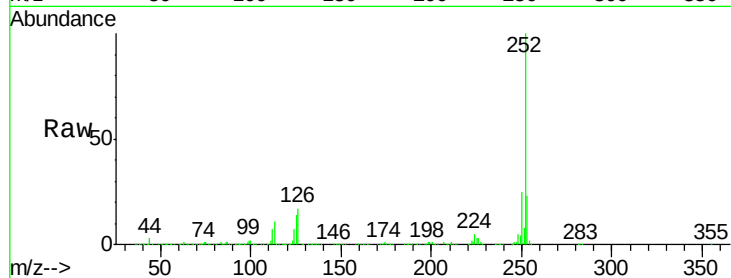
#89
Benzo(a)pyrene
Concen: 37.69 ng
RT: 15.44 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	13.9	11.1	16.7

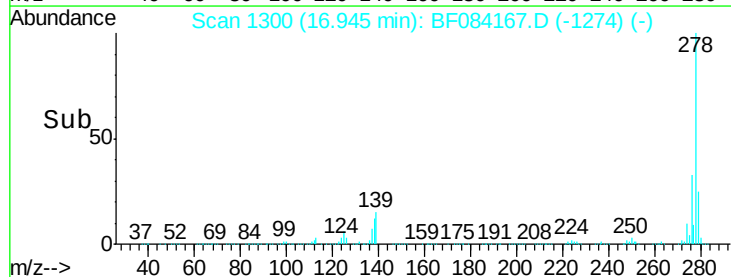
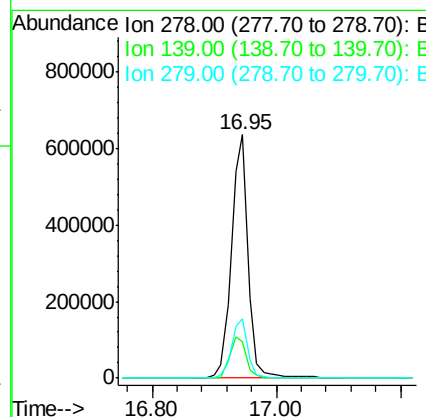
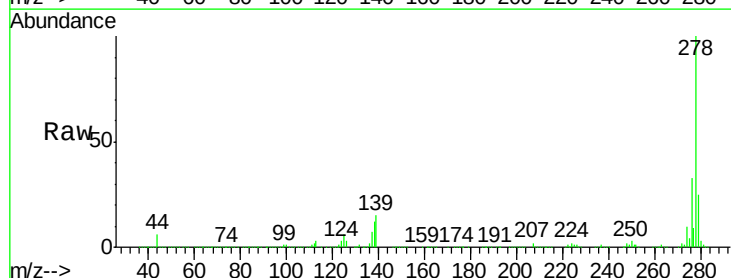
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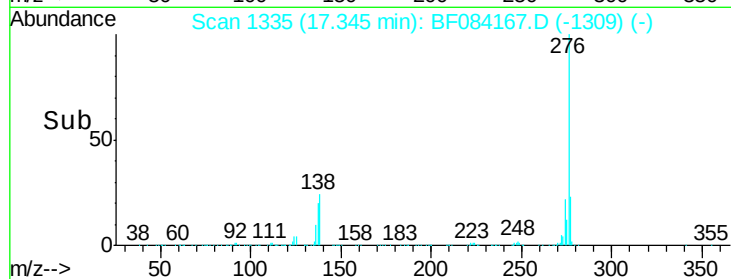
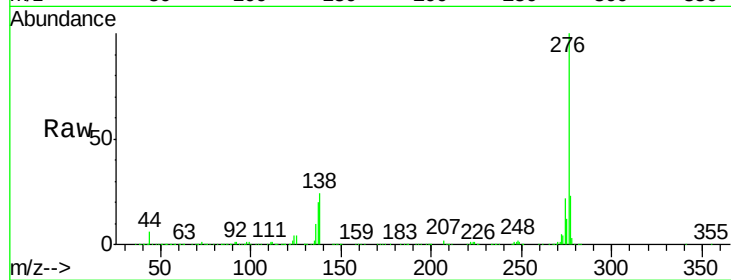
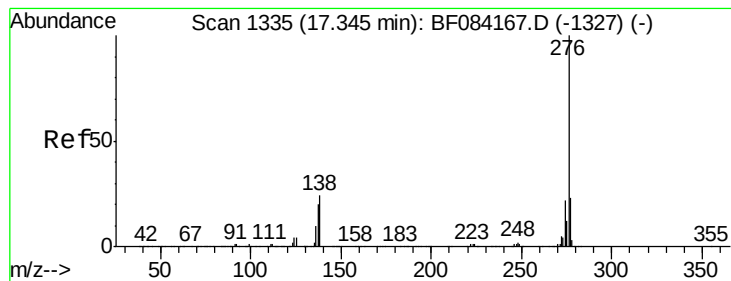
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#90
Dibenzo(a,h)anthracene
Concen: 33.80 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084167.D
Acq: 31 Dec 2015 00:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.9	17.9
279	24.6	19.7	29.5





#91

Benzo(a,h,i)perylene

Concen: 34.45 ng

RT: 17.35 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF084167.D

Acq: 31 Dec 2015 00:54

Tot Ion:	276	Resp:	1232360
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.7	28.1
138	24.3	19.4	29.2

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

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