

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021316\
 Data File : BF085055.D
 Acq On : 12 Feb 2016 20:24
 Operator : SJ/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 2/15/2016 4:43:00 PM

Quant Time: Feb 13 00:02:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 12 23:09:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	171024	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	714552	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	326020	20.00	ng	0.01
63) Phenanthrene-d10	12.99	188	588599	20.00	ng	0.00
75) Chrysene-d12	17.18	240	397066	20.00	ng	0.00
86) Perylene-d12	18.80	264	302754	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.15	112	928867	86.05	ng	-0.01
7) Phenol-d6	5.45	99	1330287	96.67	ng	0.01
23) Nitrobenzene-d5	6.72	82	1227384	97.39	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	344699	101.45	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	2222836	100.21	ng	0.00
78) Terphenyl-d14	15.63	244	1927925	108.20	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.98	88	200745	42.25	ng	95
3) Pyridine	2.42	79	496950	40.48	ng	99
4) n-Nitrosodimethylamine	2.40	42	247355	39.58	ng	95
6) Aniline	5.46	93	747769	45.37	ng	96
8) 2-Chlorophenol	5.60	128	606910	48.92	ng	99
9) Benzaldehyde	5.29	77	328481	41.54	ng	95
10) Phenol	5.46	94	769124	49.39	ng	97
11) bis(2-Chloroethyl)ether	5.54	93	666937	54.37	ng	98
12) 1,3-Dichlorobenzene	5.79	146	610635	46.55	ng	99
13) 1,4-Dichlorobenzene	5.91	146	665458	50.28	ng	98
14) 1,2-Dichlorobenzene	6.11	146	614457	50.25	ng	99
15) Benzyl Alcohol	6.15	79	405357m	43.52	ng	
16) 2,2'-oxybis(1-Chloropropan	6.30	45	996742	49.31	ng	98
17) 2-Methylphenol	6.32	107	414241	43.29	ng	94
18) Hexachloroethane	6.59	117	247838	49.05	ng	99
19) n-Nitroso-di-n-propylamine	6.51	70	414794	48.19	ng	95
20) 3+4-Methylphenols	6.57	107	518538	43.22	ng	98
22) Acetophenone	6.50	105	929654	49.26	ng	# 97
24) Nitrobenzene	6.74	77	675553	49.12	ng	98
25) Isophorone	7.11	82	1112887	45.77	ng	98
26) 2-Nitrophenol	7.22	139	329005	49.12	ng	99
27) 2,4-Dimethylphenol	7.35	122	528427	45.53	ng	97
28) bis(2-Chloroethoxy)methane	7.47	93	687588	47.17	ng	99
29) 2,4-Dichlorophenol	7.63	162	482470	48.85	ng	96
30) 1,2,4-Trichlorobenzene	7.70	180	547183	48.60	ng	98
31) Naphthalene	7.82	128	1743896	48.39	ng	100
32) Benzoic acid	7.66	122	257468	36.22	ng	99
33) 4-Chloroaniline	7.96	127	664686	44.78	ng	99
34) Hexachlorobutadiene	8.01	225	308390	47.79	ng	98
35) Caprolactam	8.58	113	129439	43.91	ng	96
36) 4-Chloro-3-methylphenol	8.80	107	547993	47.90	ng	99
37) 2-Methylnaphthalene	8.92	142	1098010	49.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	530120	50.11	ng	99
40) Hexachlorocyclopentadiene	9.16	237	199677	54.77	ng	98

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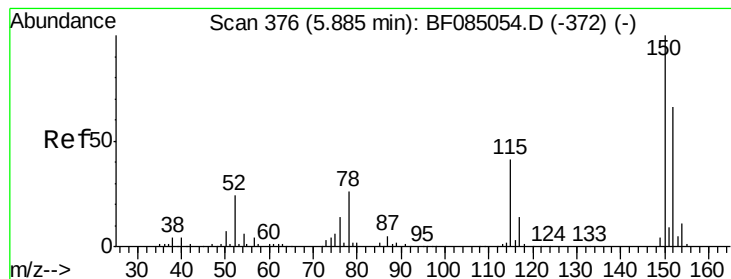
Manual Integrations
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Sohil
 2/15/2016 4:43:00 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	305027	46.31	nq	97
43) 2,4,5-Trichlorophenol	9.50	196	339064	49.64	nq	97
45) 1,1'-Biphenyl	9.69	154	1465550	50.04	nq	99
46) 2-Chloronaphthalene	9.70	162	1036648	48.12	nq	96
47) 2-Nitroaniline	9.93	65	332749	48.14	nq	97
48) Acenaphthylene	10.36	152	1660716	50.62	nq	100
49) Dimethylphthalate	10.24	163	1218452	49.12	nq	99
50) 2,6-Dinitrotoluene	10.33	165	254735	47.55	nq	96
51) Acenaphthene	10.64	154	988943	46.82	nq	100
52) 3-Nitroaniline	10.62	138	285014	46.76	nq	98
53) 2,4-Dinitrophenol	10.80	184	95486	45.39	nq	95
54) Dibenzofuran	10.92	168	1330315	50.97	nq	98
55) 4-Nitrophenol	11.03	139	192156	44.87	nq	96
56) 2,4-Dinitrotoluene	10.98	165	350642	50.36	nq	93
57) Fluorene	11.49	166	1132631	51.81	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.16	232	278143	52.50	nq	99
59) Diethylphthalate	11.38	149	1211391	49.52	nq	98
60) 4-Chlorophenyl-phenylether	11.51	204	545682	51.95	nq	96
61) 4-Nitroaniline	11.63	138	264298	44.81	nq	98
62) Azobenzene	11.77	77	1164447	49.67	nq	95
64) 4,6-Dinitro-2-methylphenol	11.65	198	171019	48.45	nq	89
65) n-Nitrosodiphenylamine	11.73	169	917592	49.72	nq	99
66) 4-Bromophenyl-phenylether	12.30	248	333697	51.65	nq	94
67) Hexachlorobenzene	12.37	284	358079	50.30	nq	# 84
68) Atrazine	12.64	200	269021	45.60	nq	97
69) Pentachlorophenol	12.72	266	147496	45.90	nq	97
70) Phenanthrene	13.03	178	1596880	48.58	nq	99
71) Anthracene	13.12	178	1683966	51.54	nq	99
72) Carbazole	13.43	167	1422462	50.19	nq	100
73) Di-n-butylphthalate	14.03	149	1795741	48.93	nq	100
74) Fluoranthene	14.96	202	1599187	48.81	nq	98
76) Benzidine	15.26	184	405616	37.49	nq	100
77) Pyrene	15.31	202	1612243	53.17	nq	99
79) Butylbenzylphthalate	16.45	149	690152	50.57	nq	97
80) Benzo(a)anthracene	17.17	228	1138822	46.57	nq	99
81) 3,3'-Dichlorobenzidine	17.17	252	343685	41.30	nq	98
82) Chrysene	17.21	228	1106517	46.99	nq	100
83) Bis(2-ethylhexyl)phthalate	17.27	149	912545	53.01	nq	99
84) Di-n-octyl phthalate	18.02	149	1282798	46.22	nq	100
85) Indeno(1,2,3-cd)pyrene	20.09	276	972632	51.96	nq	100
87) Benzo(b)fluoranthene	18.41	252	905399	44.39	nq	# 99
88) Benzo(k)fluoranthene	18.43	252	819820m	49.14	nq	
89) Benzo(a)pyrene	18.74	252	821608	47.68	nq	98
90) Dibenzo(a,h)anthracene	20.11	278	798579	53.70	nq	97
91) Benzo(g,h,i)perylene	20.48	276	824032	55.01	nq	99

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



#1

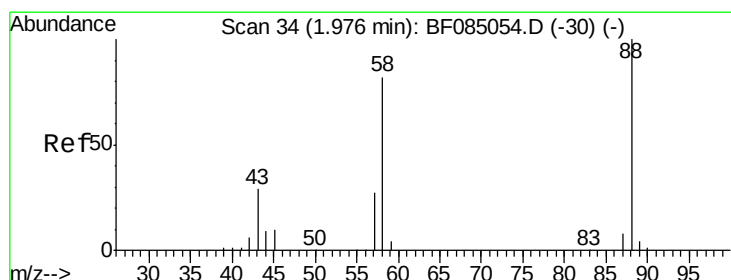
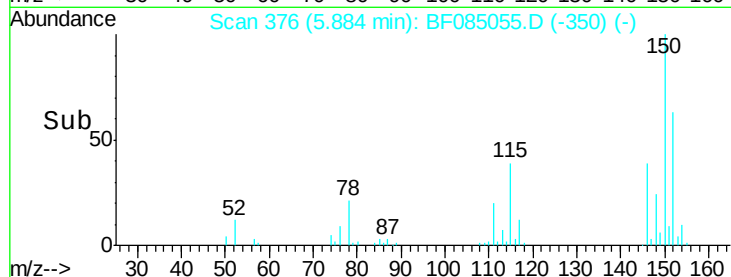
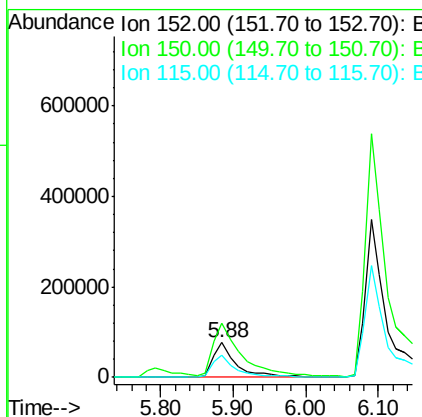
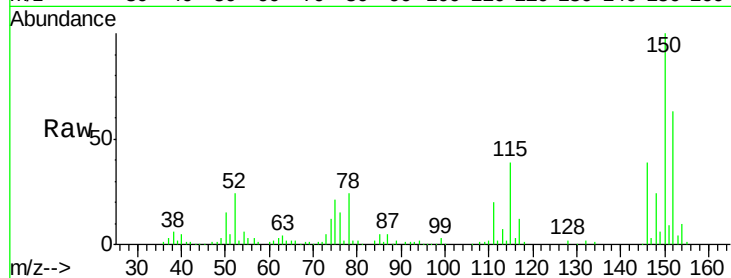
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.88 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.4	191.2
115	62.6	50.5	75.7

Manual Integrations
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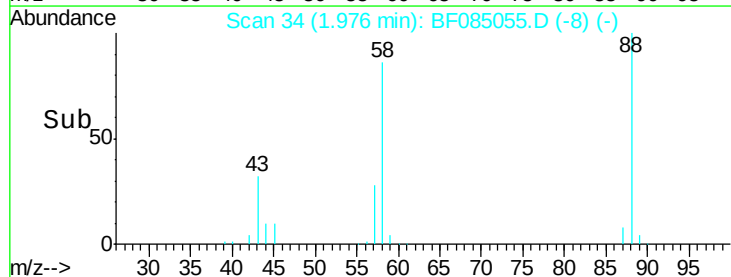
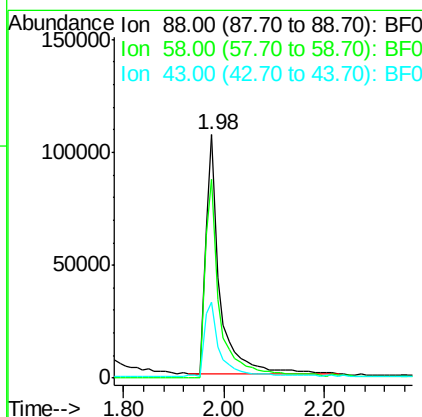
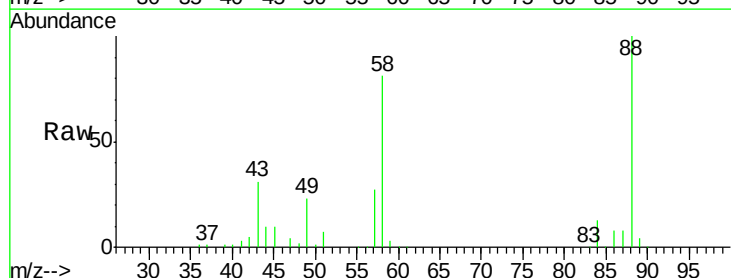
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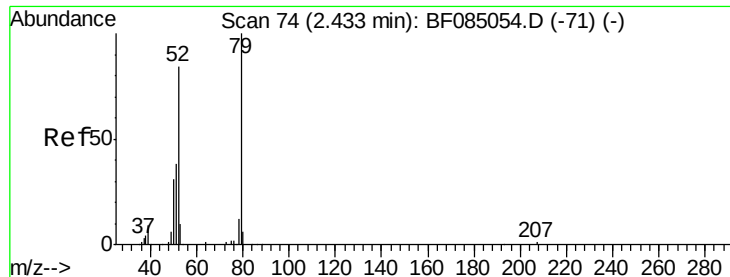


#2

1,4-Dioxane
Concen: 42.25 ng
RT: 1.98 min Scan# 34
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.6	70.9	106.3
43	35.5	25.9	38.9





#3

Pvridine

Concen: 40.48 ng

RT: 2.42 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

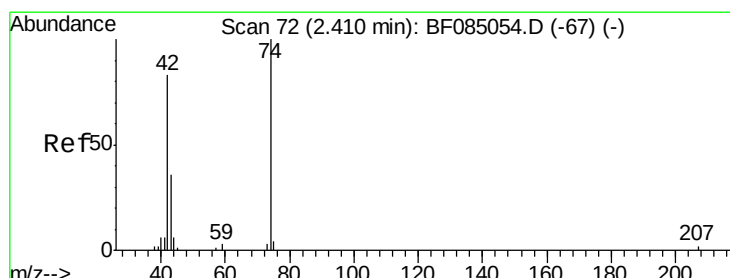
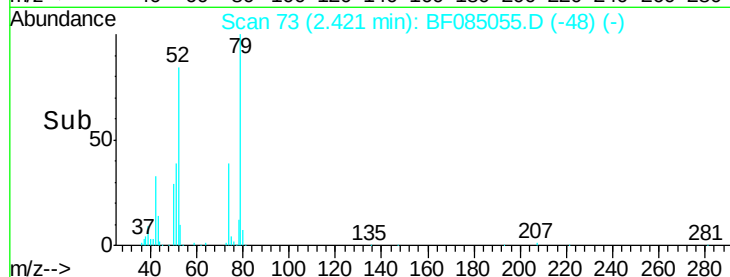
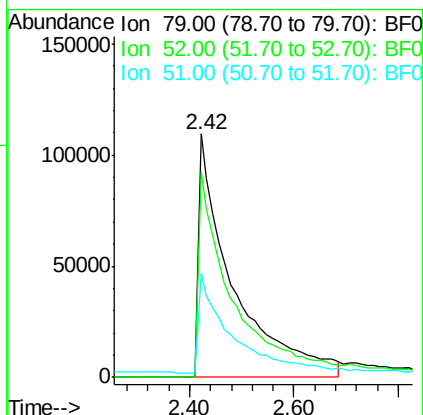
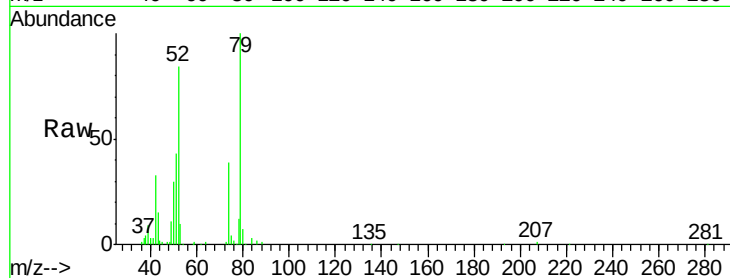
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	496950
Ion	Ratio	Lower	Upper
79	100		
52	84.1	67.1	100.7
51	42.9	32.7	49.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.58 ng

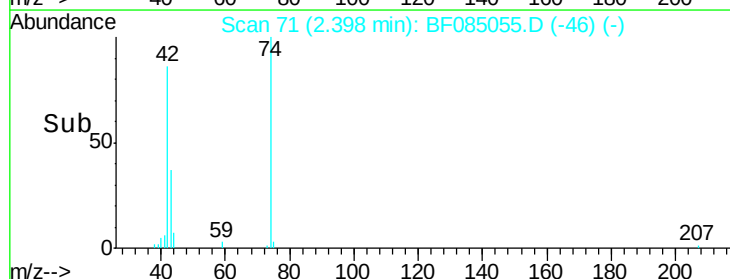
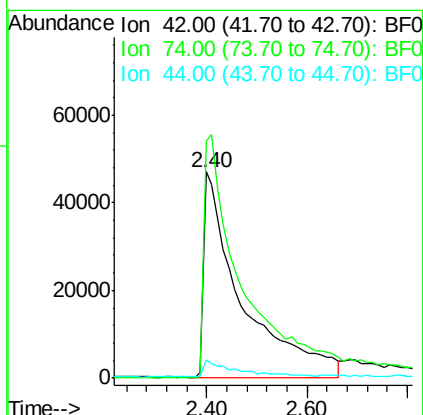
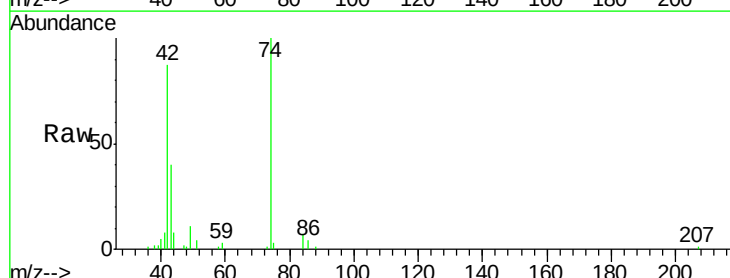
RT: 2.40 min Scan# 71

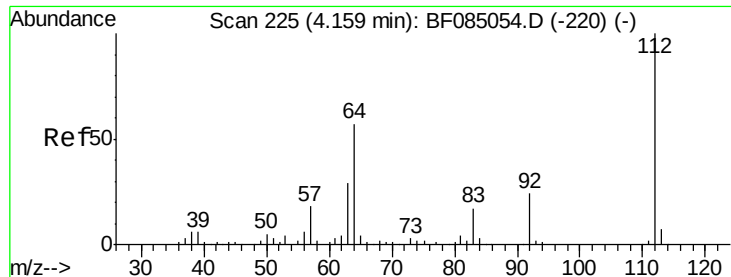
Delta R.T. -0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	42	Resp:	247355
Ion	Ratio	Lower	Upper
42	100		
74	114.7	96.2	144.4
44	9.0	7.0	10.4





#5

2-Fluorophenol

Concen: 86.05 ng

RT: 4.15 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

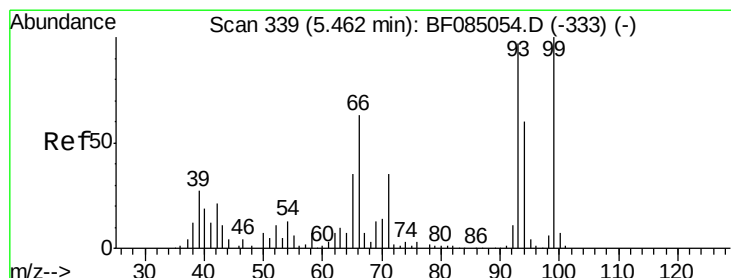
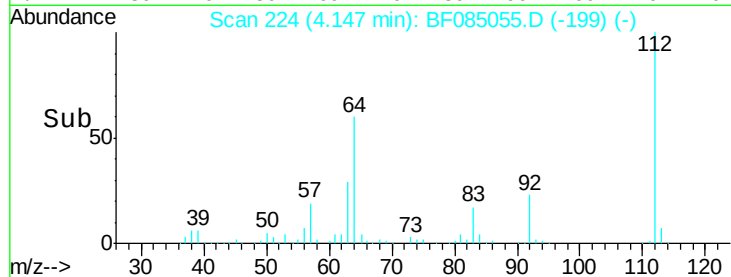
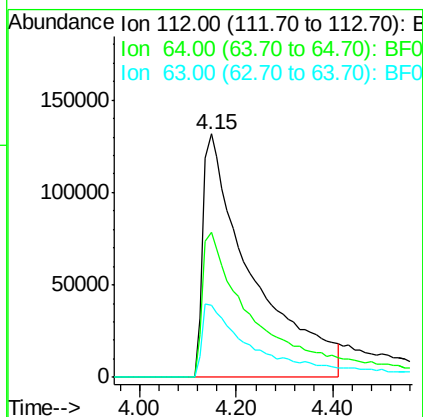
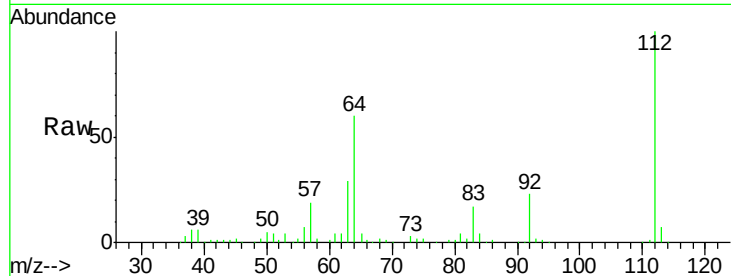
ClientSampleId :

SSTDIC050

Tot Ion:	112	Resp:	928867
Ion Ratio	Lower	Upper	
112	100		
64	59.7	45.4	68.2
63	29.5	23.2	34.8

Manual Integrations
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2/15/2016 4:43:00 PM



#6

Aniline

Concen: 45.37 ng

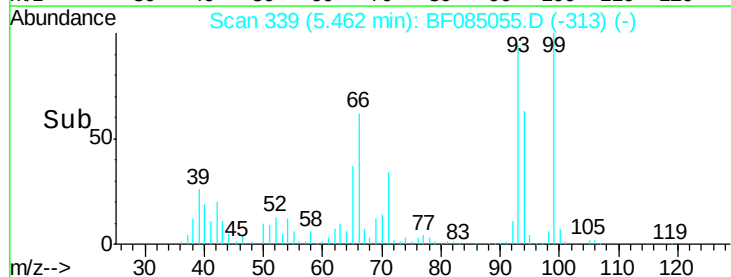
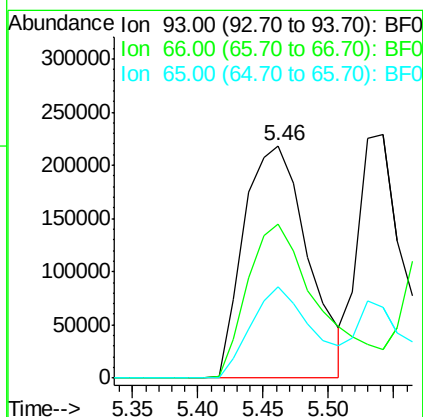
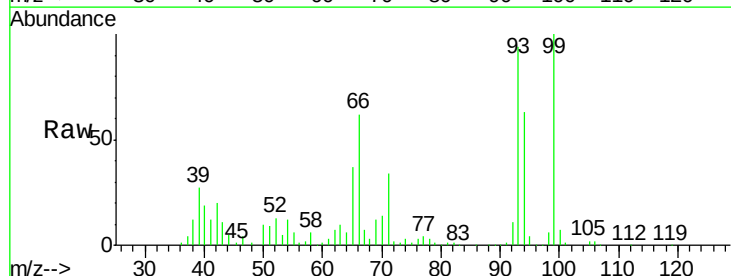
RT: 5.46 min Scan# 339

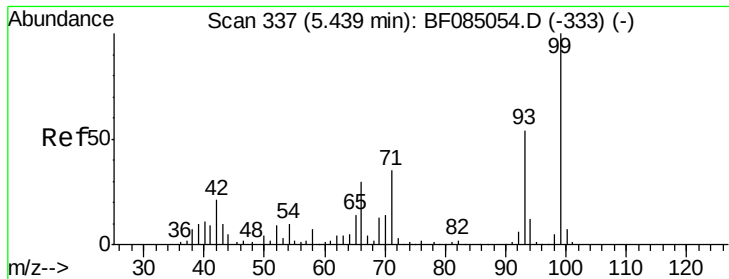
Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	93	Resp:	747769
Ion Ratio	Lower	Upper	
93	100		
66	66.5	51.8	77.8
65	39.2	28.5	42.7





#7

Phenol-d6

Concen: 96.67 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1330287

Ion Ratio Lower Upper

99 100

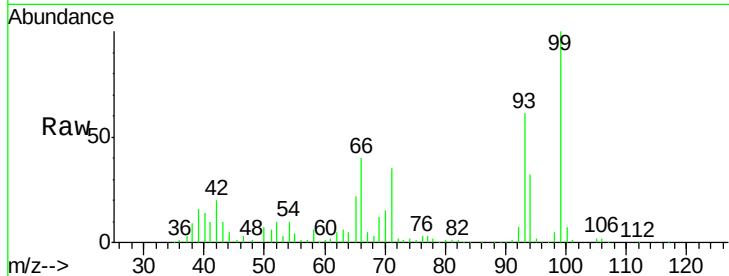
42 19.9 17.0 25.4

71 34.7 28.3 42.5

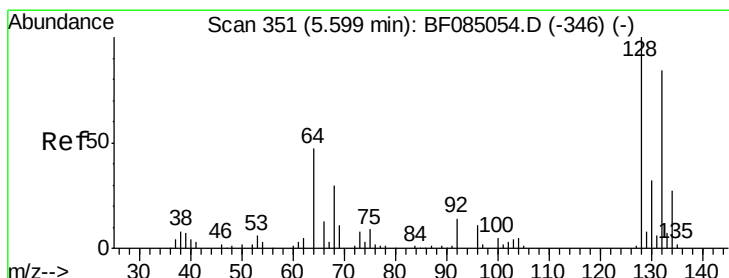
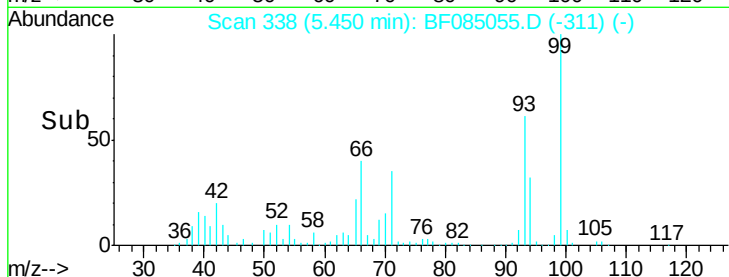
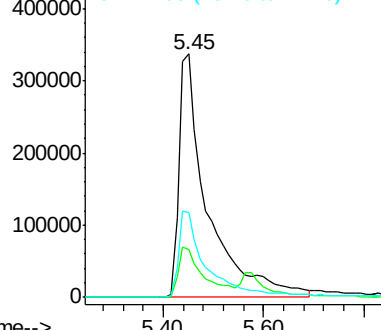
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 48.92 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

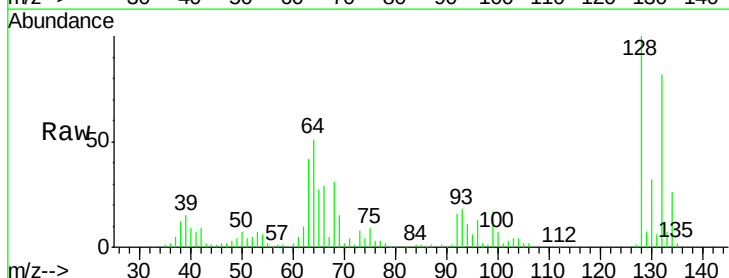
Tgt Ion:128 Resp: 606910

Ion Ratio Lower Upper

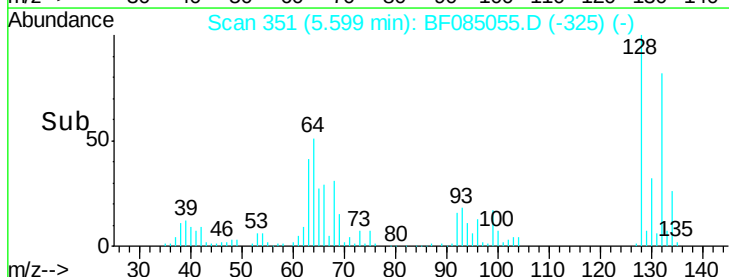
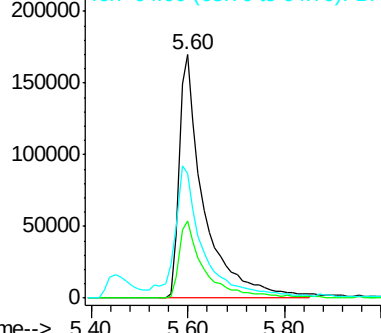
128 100

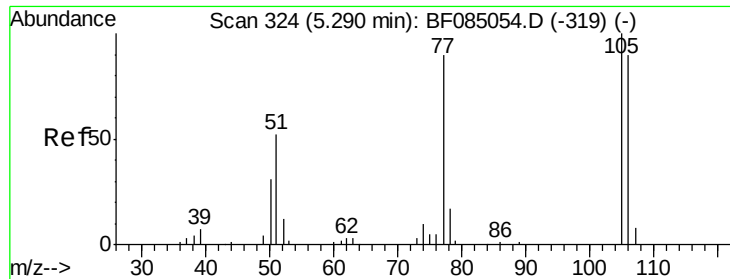
130 31.9 12.4 52.4

64 51.1 32.1 72.1



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: 41.54 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

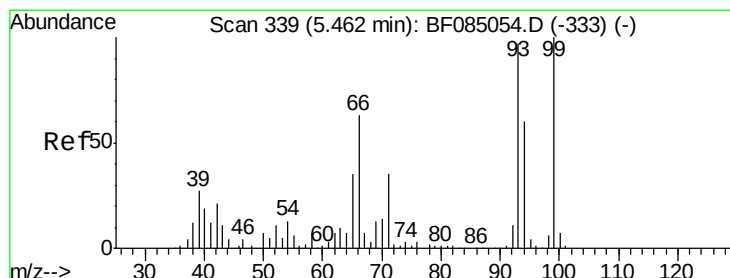
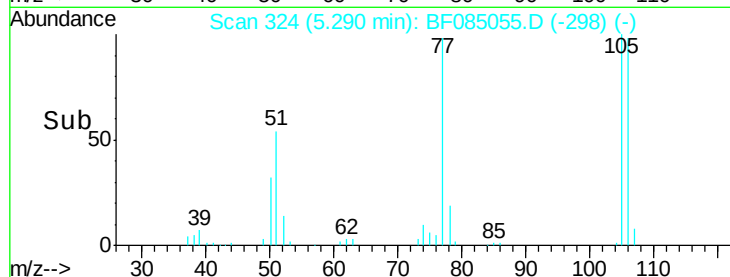
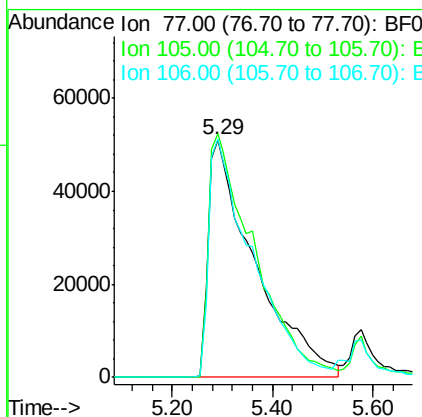
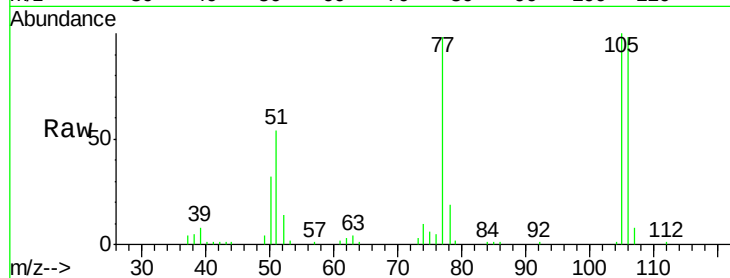
ClientSampleId :

SSTDIC050

Tot Ion:	77	Resp:	328481
Ion	Ratio	Lower	Upper
77	100		
105	102.4	90.9	130.9
106	100.3	79.7	119.7

Manual Integrations
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2/15/2016 4:43:00 PM



#10

Phenol

Concen: 49.39 ng

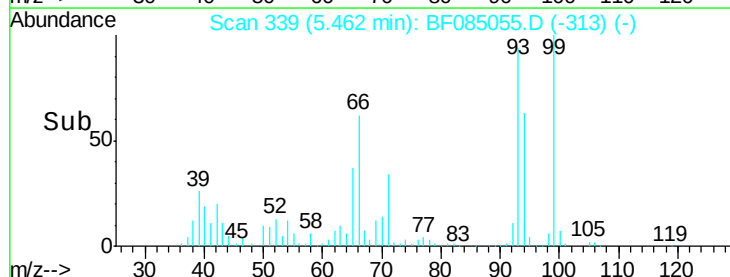
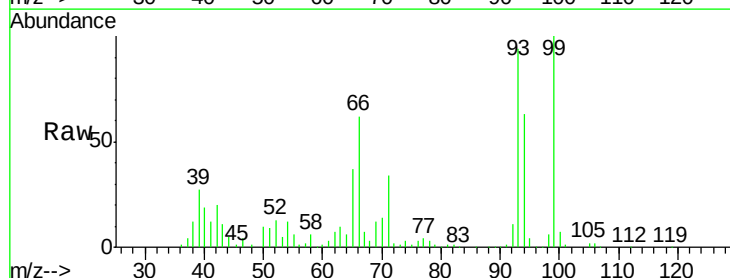
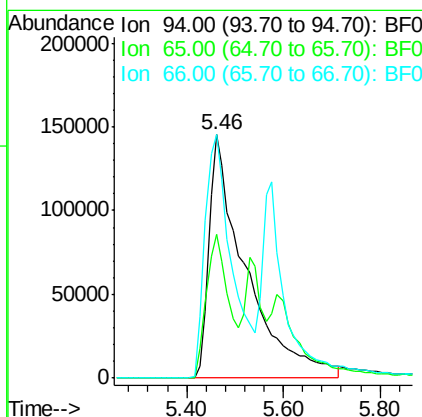
RT: 5.46 min Scan# 339

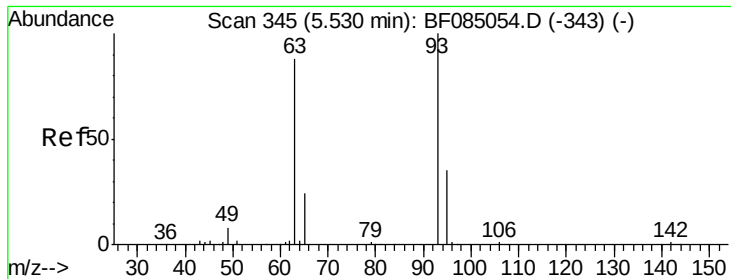
Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	94	Resp:	769124
Ion	Ratio	Lower	Upper
94	100		
65	58.8	37.3	77.3
66	99.8	84.1	124.1





#11

bis(2-Chloroethyl)ether

Concen: 54.37 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

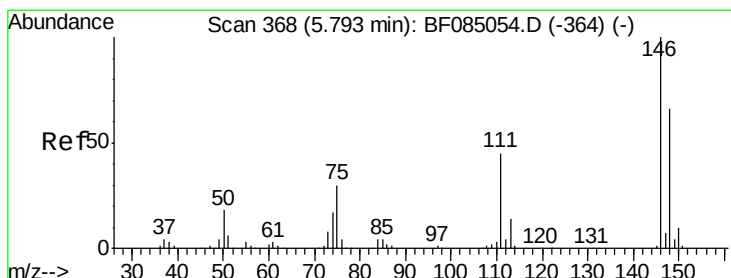
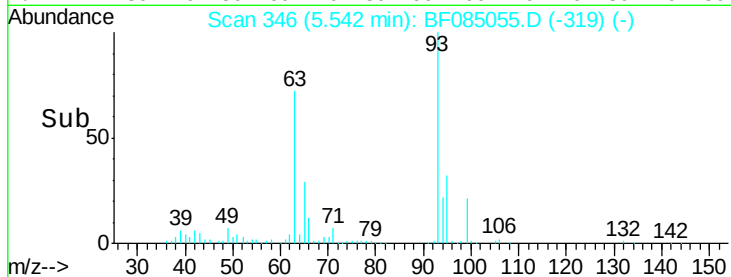
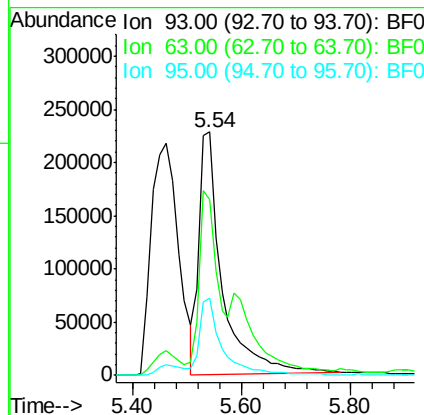
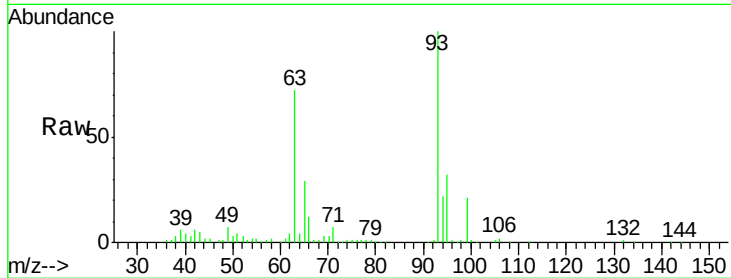
ClientSampleId :

SSTDICC050

Tot Ion:	93	Resp:	666937
Ion Ratio	Lower	Upper	
93	100		
63	72.4	53.6	93.6
95	31.9	10.1	50.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 46.55 ng

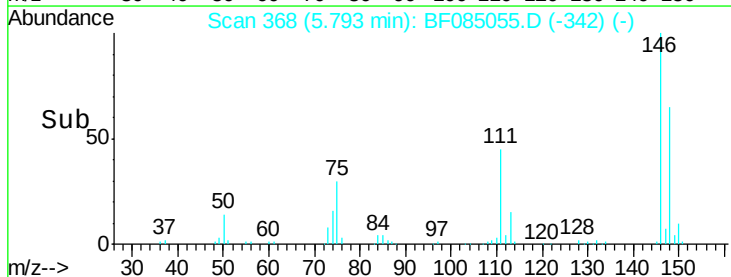
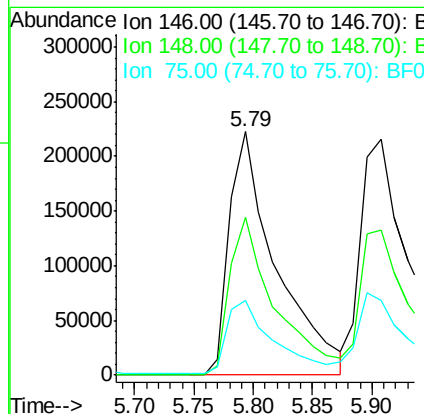
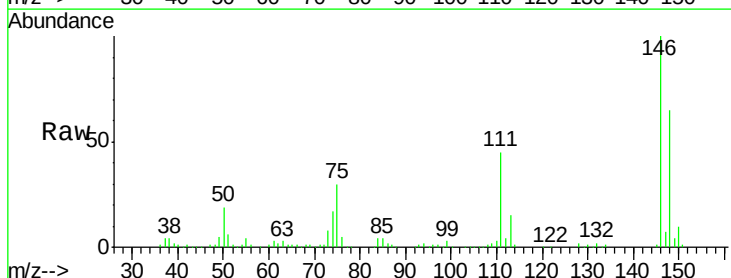
RT: 5.79 min Scan# 368

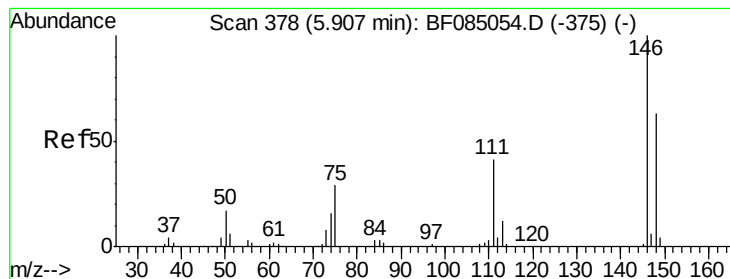
Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	146	Resp:	610635
Ion Ratio	Lower	Upper	
146	100		
148	65.1	53.1	79.7
75	30.5	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 50.28 ng

RT: 5.91 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

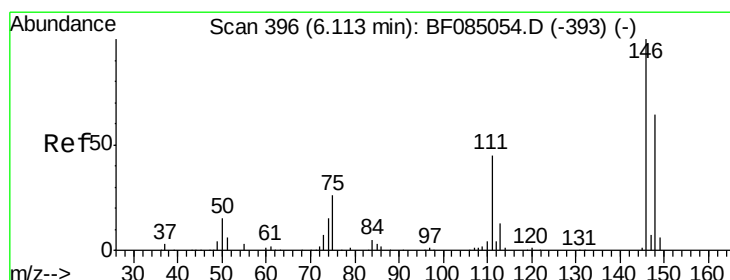
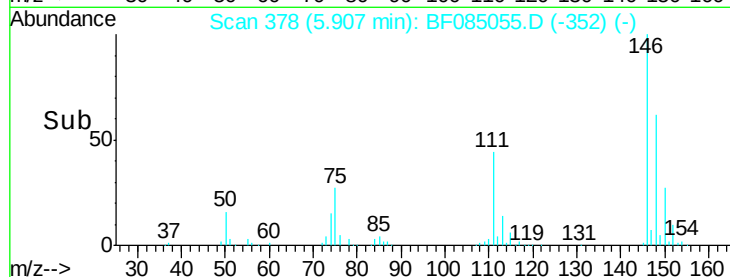
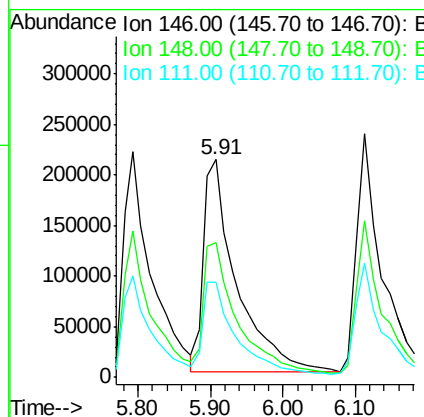
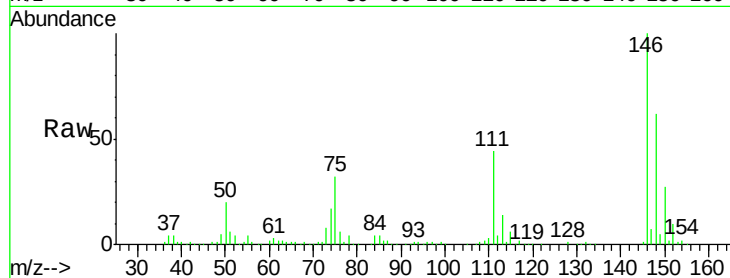
ClientSampleId :

SSTDIC050

Tot Ion:	146	Resp:	665458
Ion Ratio	Lower	Upper	
146	100		
148	61.9	50.3	75.5
111	43.7	33.6	50.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 50.25 ng

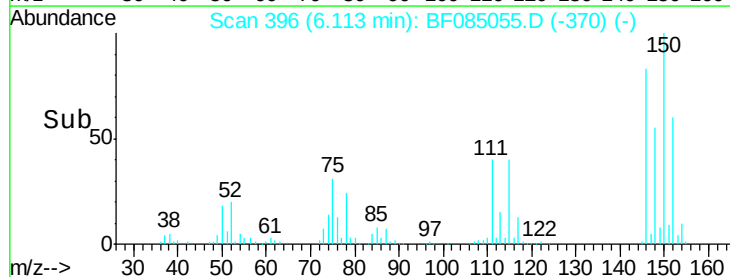
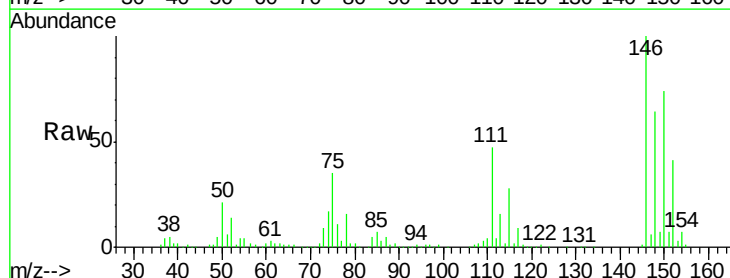
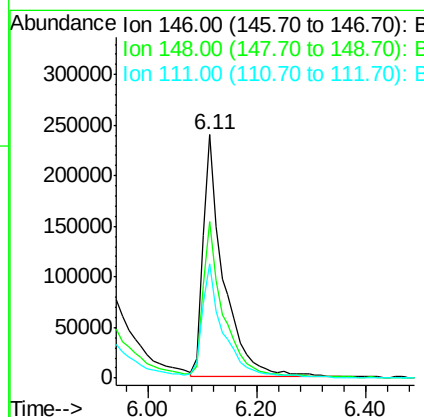
RT: 6.11 min Scan# 396

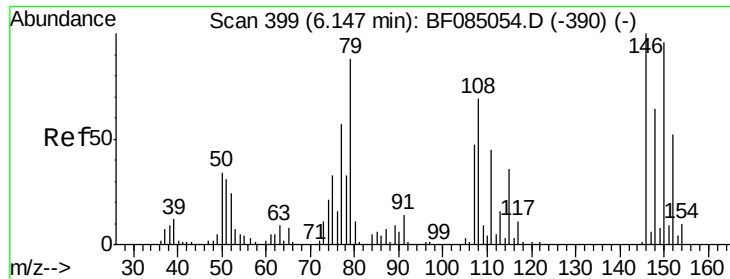
Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	146	Resp:	614457
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.5	77.3
111	47.1	36.5	54.7





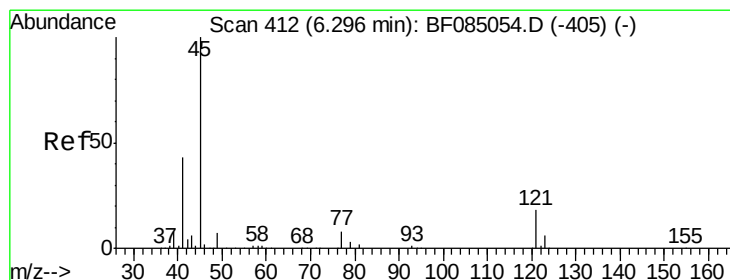
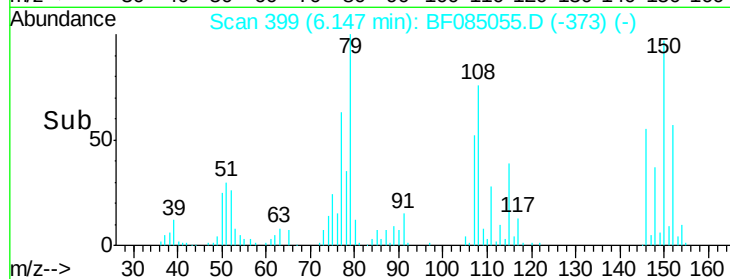
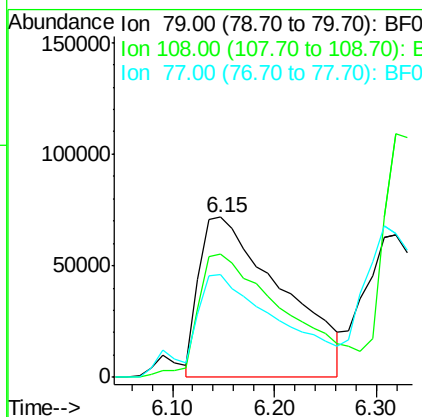
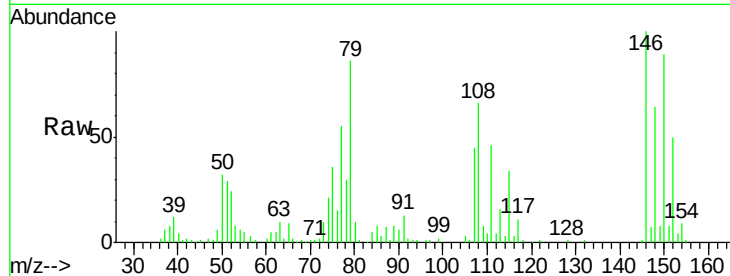
#15
Benzyl Alcohol
Concen: 43.52 ng/ml
RT: 6.15 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleID :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.7	63.4	95.0
77	63.9	51.8	77.6

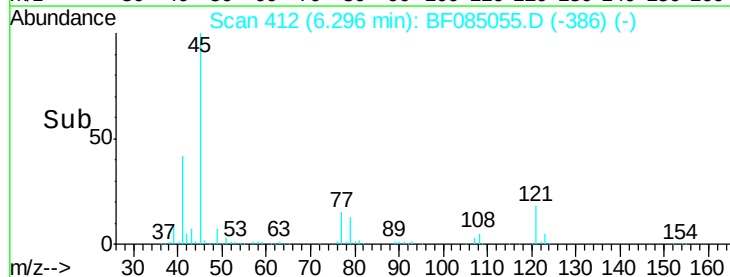
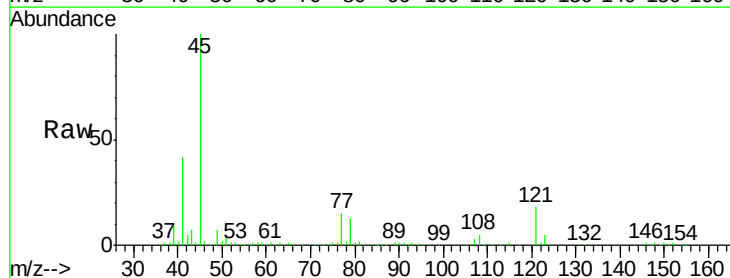
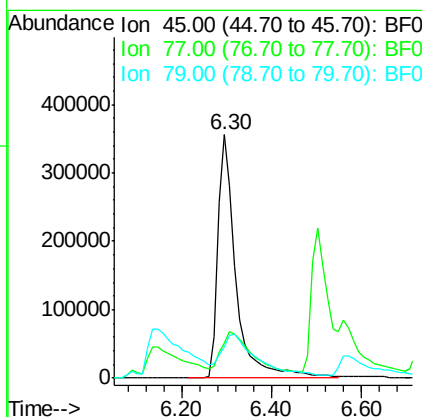
Manual Integrations
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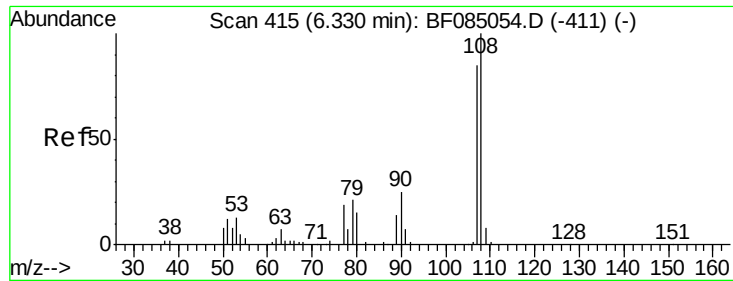
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.31 ng/ml
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	35.2
79	12.8	0.0	33.7





#17

2-Methylphenol

Concen: 43.29 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

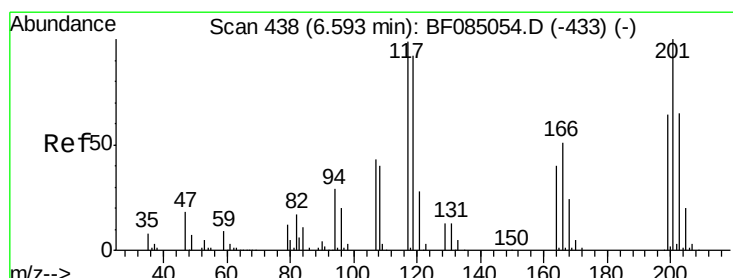
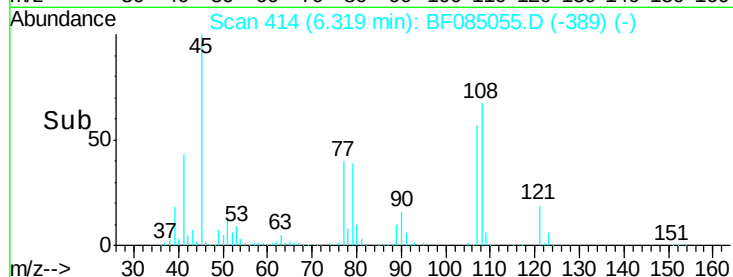
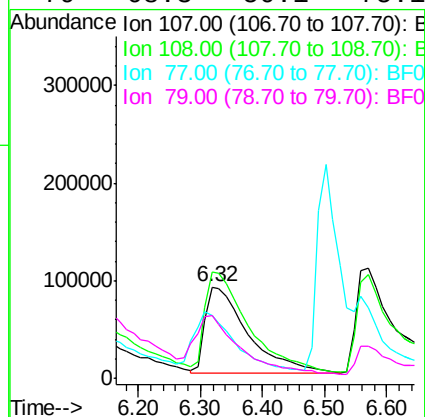
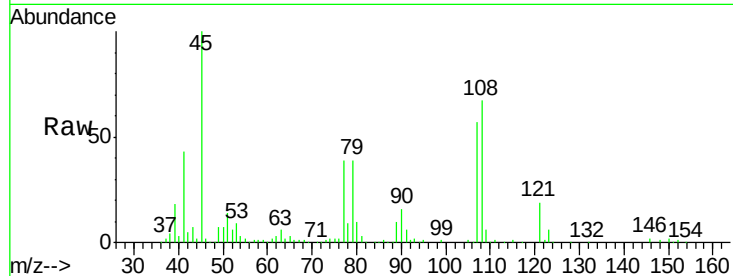
ClientSampleId :

SSTDIC050

Tot Ion:	107	Resp:	414241
Ion Ratio	Lower	Upper	
107	100		
108	116.4	97.0	145.4
77	68.9	50.5	75.7
79	68.3	50.1	75.1

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#18

Hexachloroethane

Concen: 49.05 ng

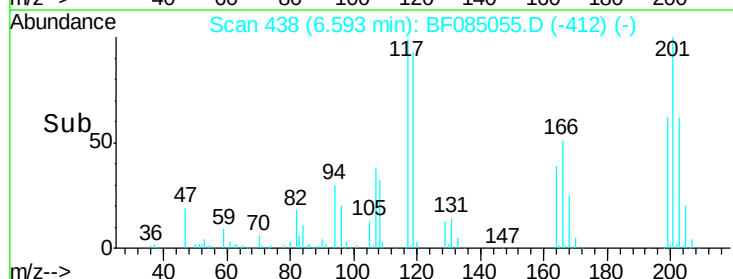
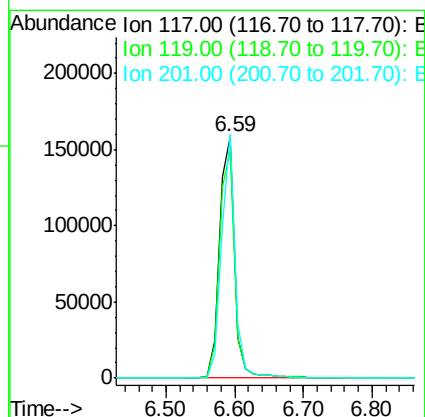
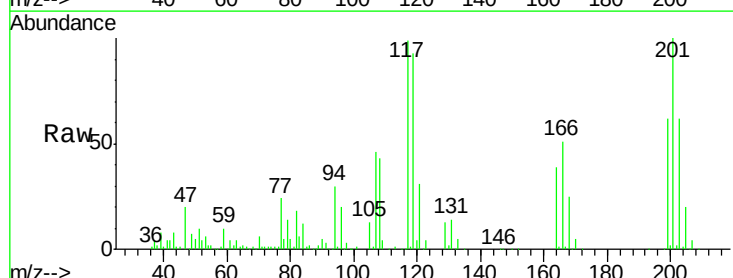
RT: 6.59 min Scan# 438

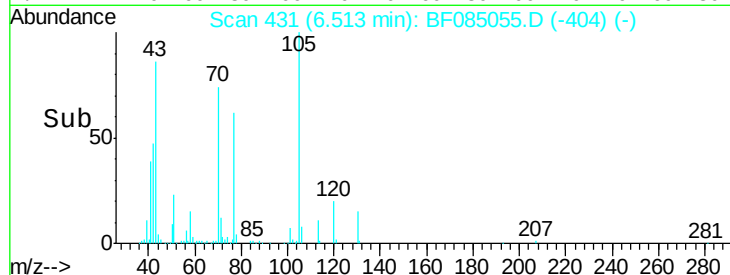
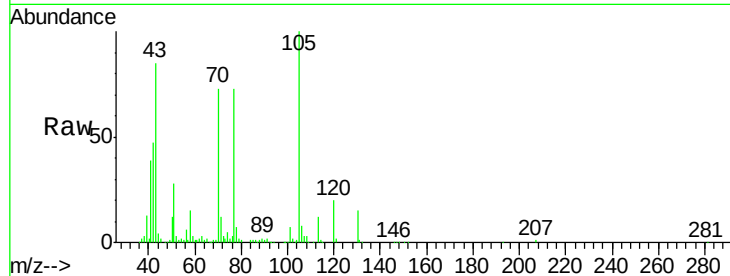
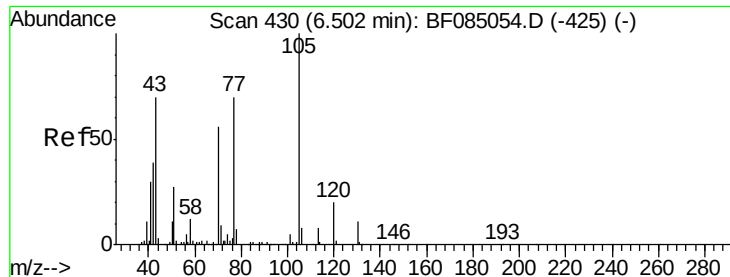
Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	117	Resp:	247838
Ion Ratio	Lower	Upper	
117	100		
119	94.3	74.5	111.7
201	101.0	80.9	121.3





#19

n-Nitroso-di-n-propylamine

Concen: 48.19 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

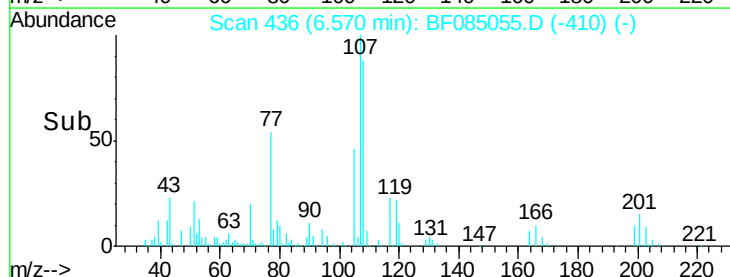
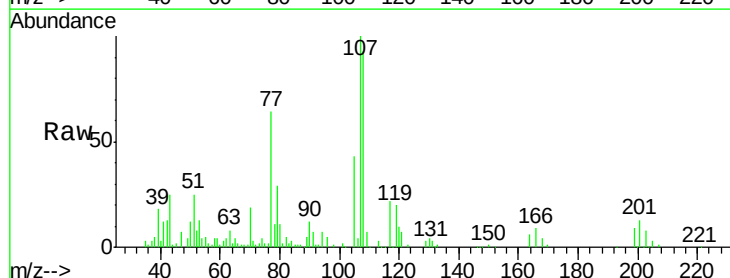
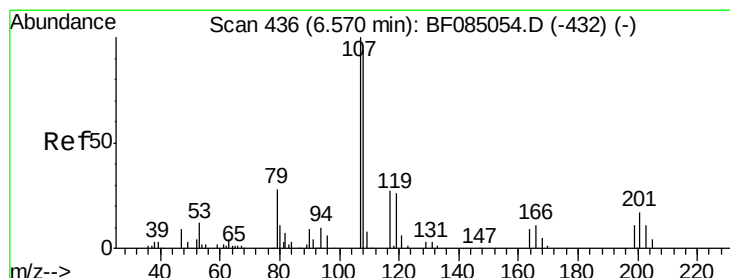
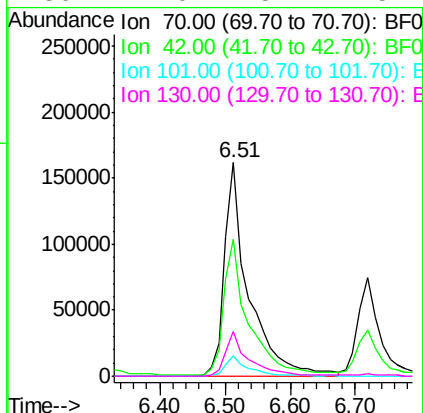
ClientSampleId :

SSTDICC050

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Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	55.8	83.6
101	9.7	7.7	11.5
130	21.0	15.4	23.2



#20

3+4-Methylphenols

Concen: 43.22 ng

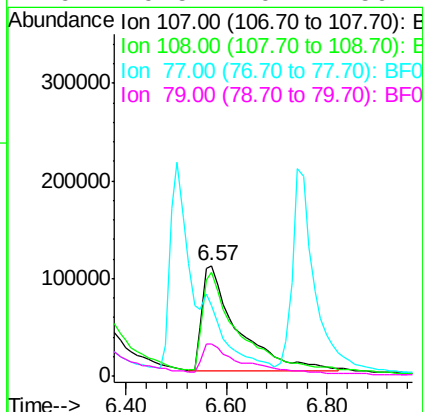
RT: 6.57 min Scan# 436

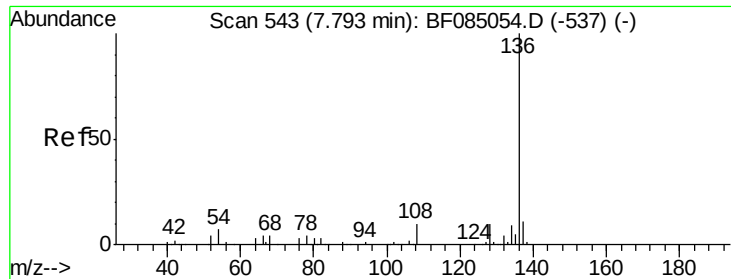
Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	74.4	114.4
77	64.3	46.9	86.9
79	29.5	10.4	50.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

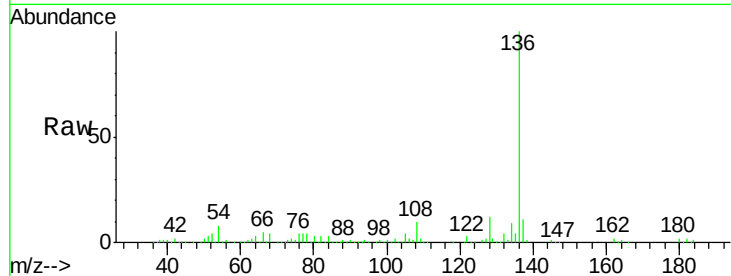
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100	714552		
137	10.9	8.9	13.3	
54	8.3	6.1	9.1	
68	4.2	3.5	5.3	

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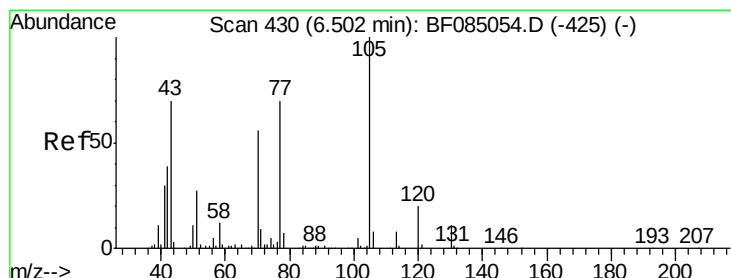
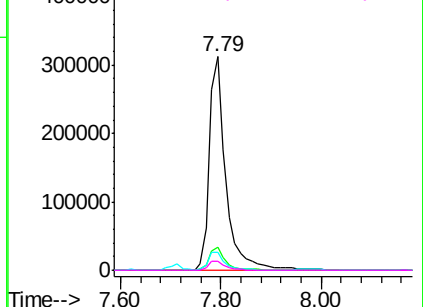
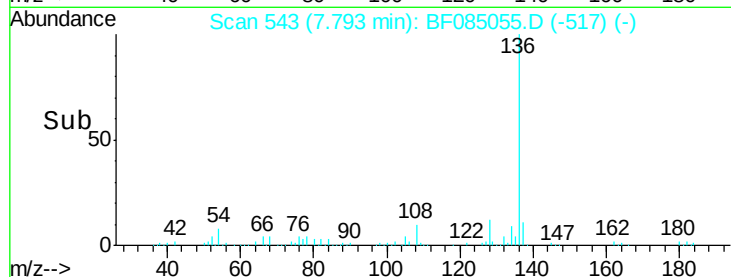


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.26 ng

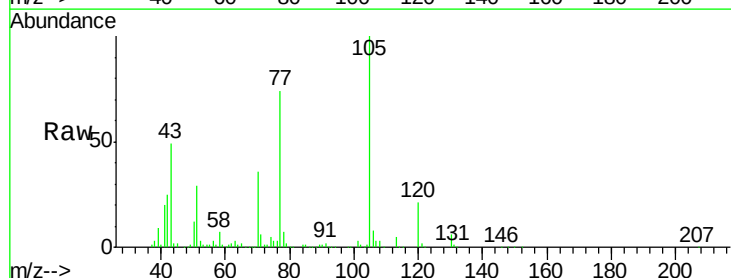
RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	929654		
71	5.9	7.5	11.3#	
51	29.0	23.1	34.7	
120	21.1	15.9	23.9	

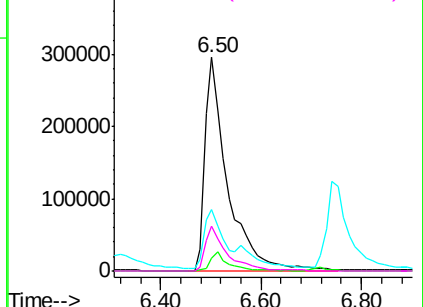
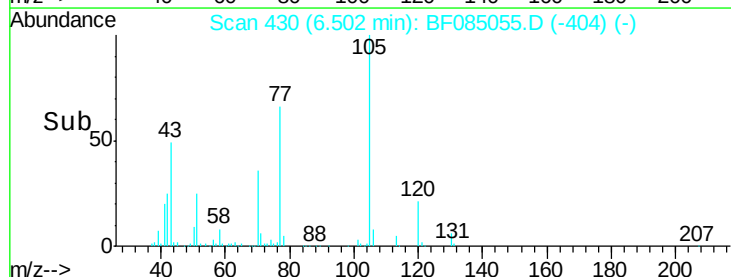


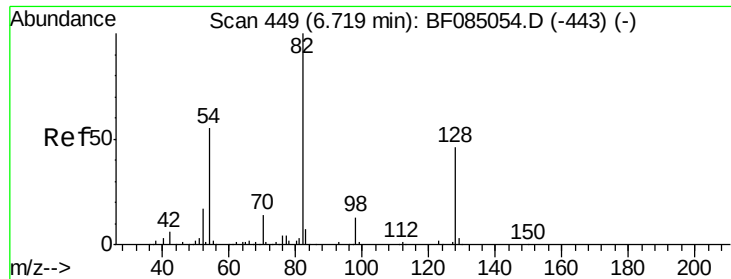
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





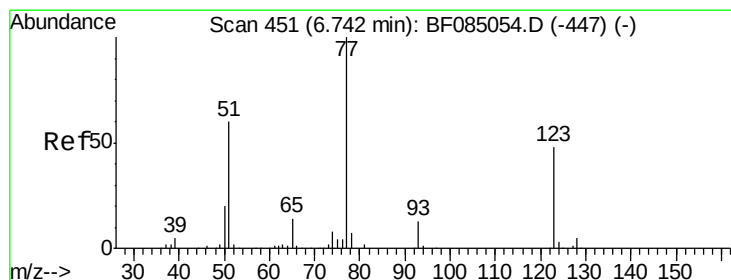
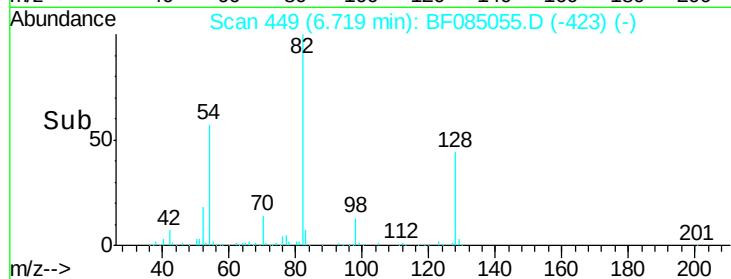
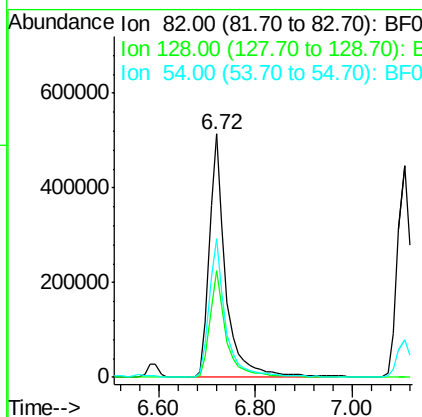
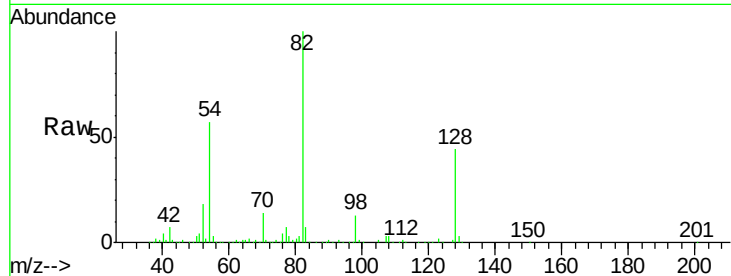
#23
Nitrobenzene-d5
Concen: 97.39 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	82	Resp	1227384
Ion Ratio	100	Lower	Upper
82	100		
128	43.8	36.8	55.2
54	57.2	44.4	66.6

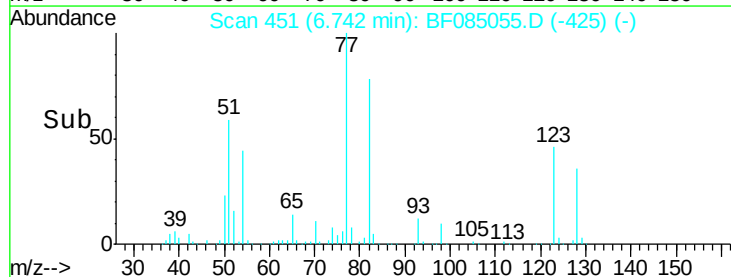
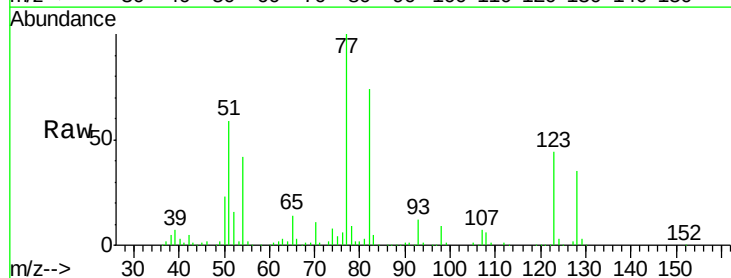
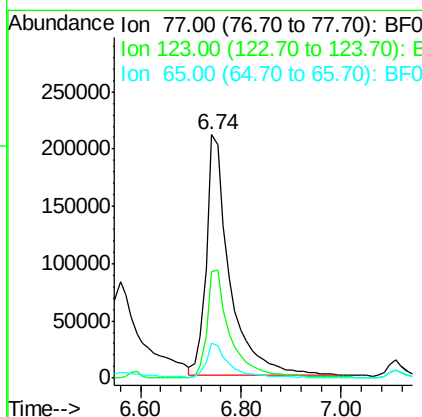
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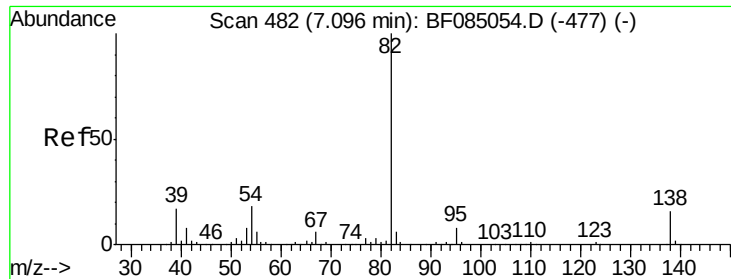
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2/15/2016 4:43:00 PM



#24
Nitrobenzene
Concen: 49.12 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion	77	Resp	675553
Ion Ratio	100	Lower	Upper
77	100		
123	43.8	36.5	54.7
65	14.2	10.9	16.3





#25

Isophorone

Concen: 45.77 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 1112887

Ion Ratio Lower Upper

82 100

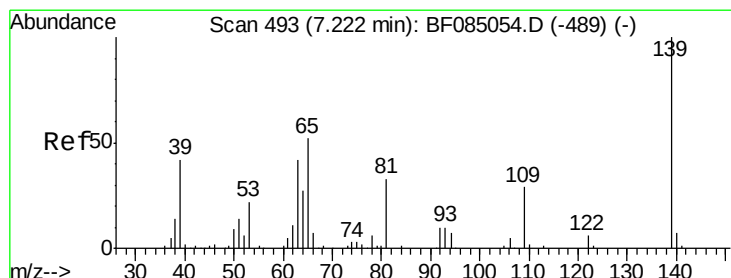
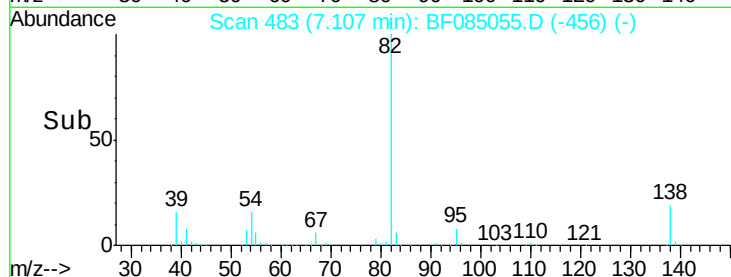
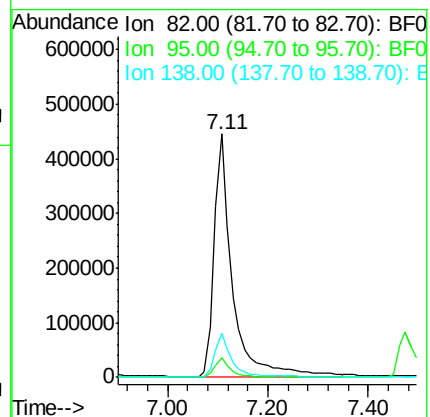
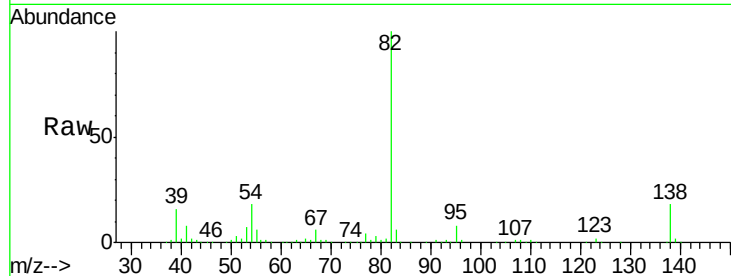
95 7.9 6.1 9.1

138 17.8 13.1 19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.12 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

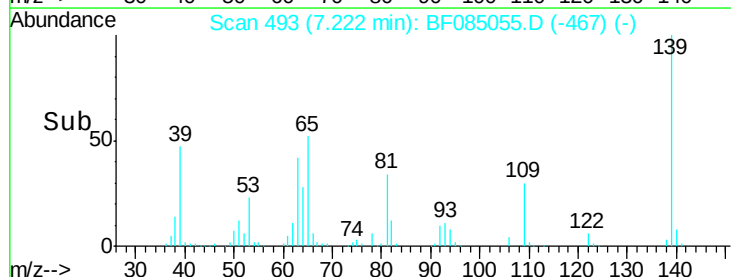
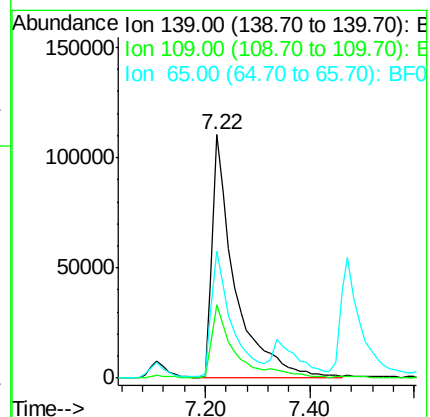
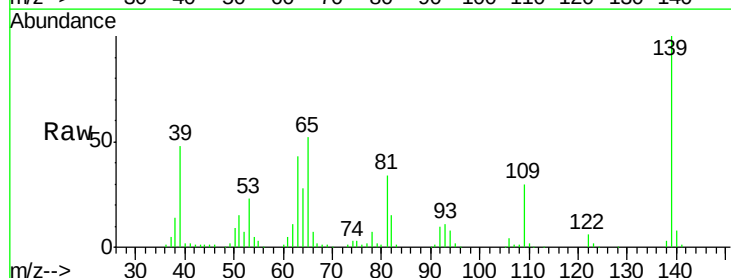
Tgt Ion: 139 Resp: 329005

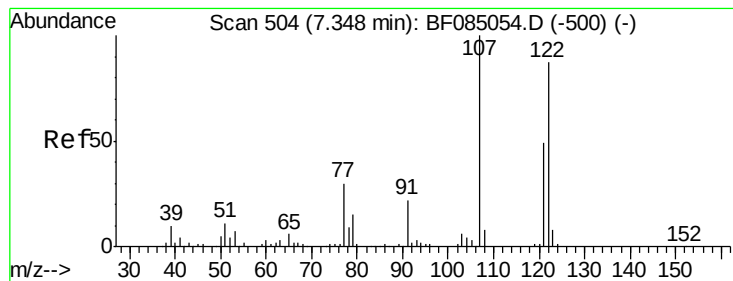
Ion Ratio Lower Upper

139 100

109 30.3 23.4 35.2

65 52.4 42.3 63.5





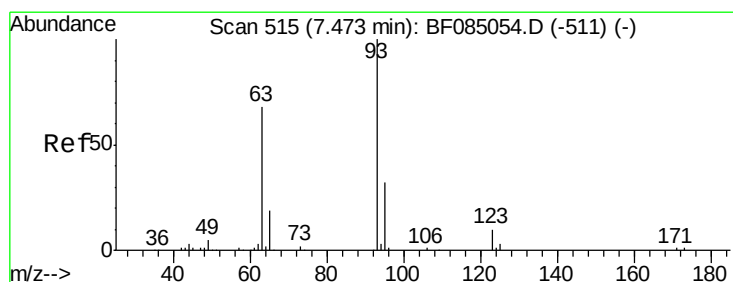
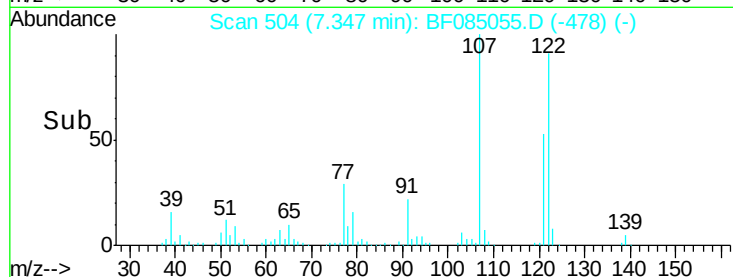
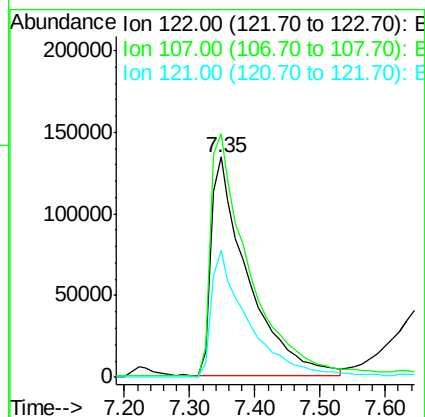
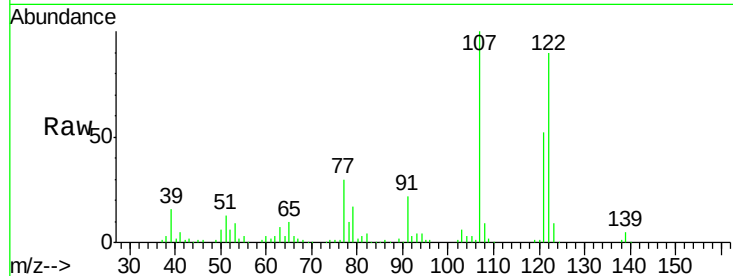
#27
 2,4-Dimethylphenol
 Concen: 45.53 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	528427		
107	110.5	91.8	137.8	
121	57.5	45.0	67.4	

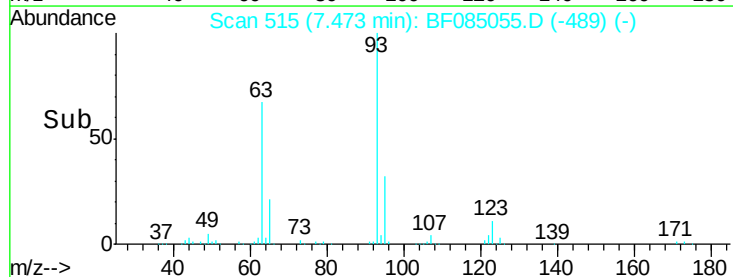
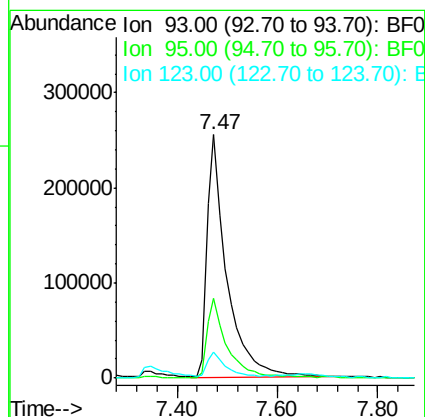
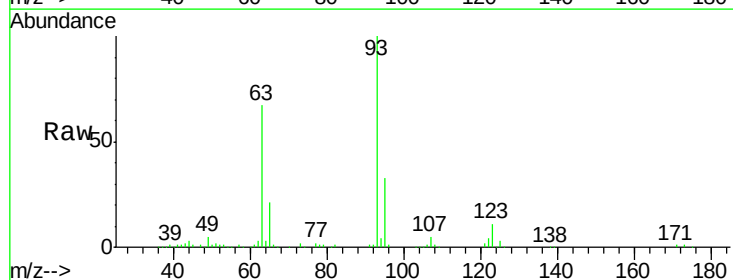
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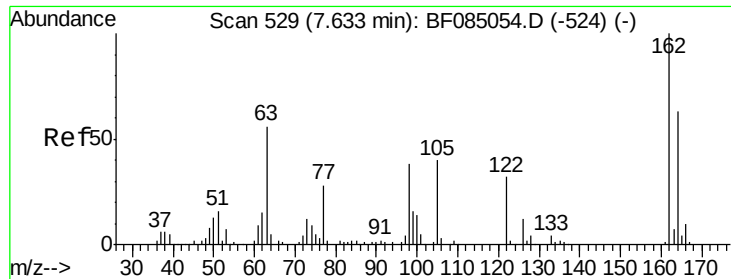
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.17 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	687588		
95	32.6	25.6	38.4	
123	10.9	8.7	13.1	





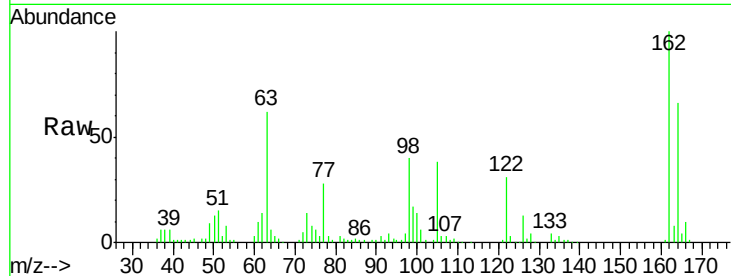
#29
 2,4-Dichlorophenol
 Concen: 48.85 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.1	42.8	82.8
98	39.8	17.6	57.6

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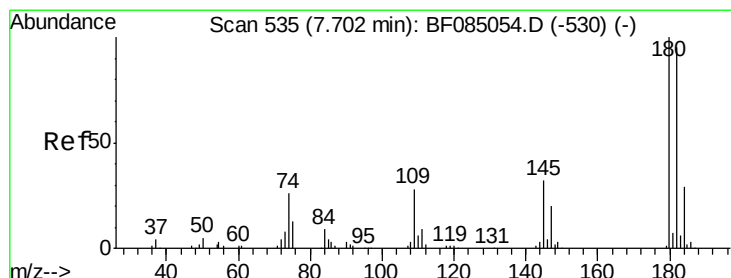
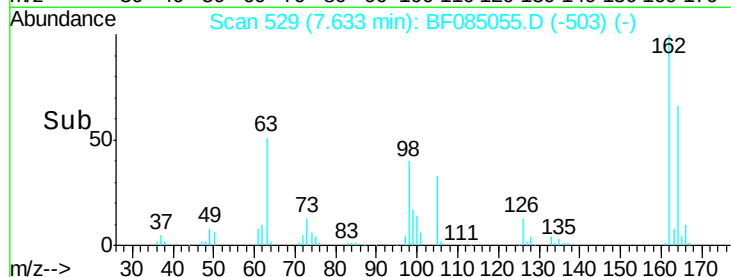
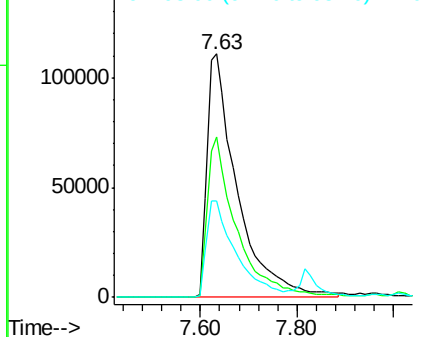


Abundance

Ion 162.00 (161.70 to 162.70): E

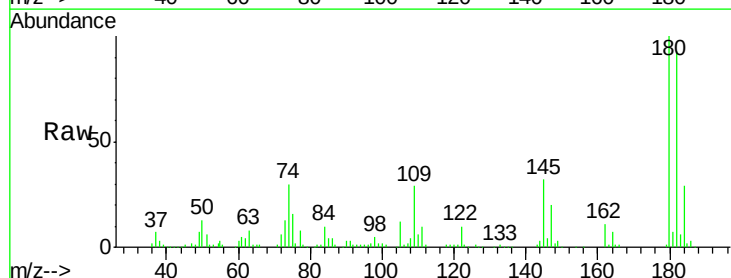
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 48.60 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.9	75.8	113.8
145	31.9	25.9	38.9

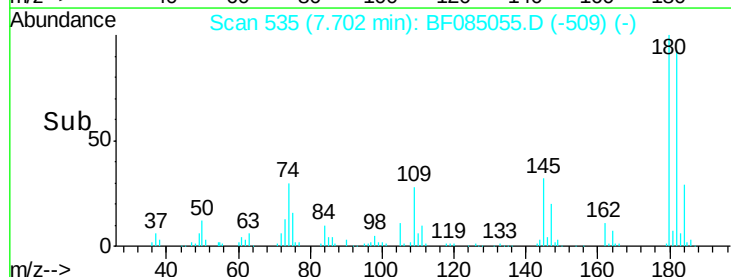
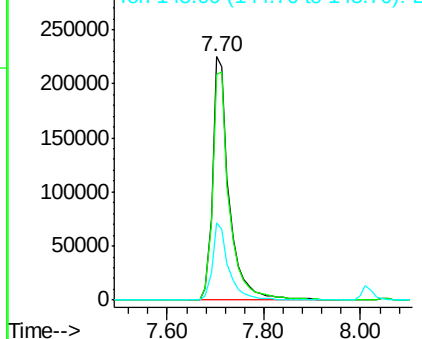


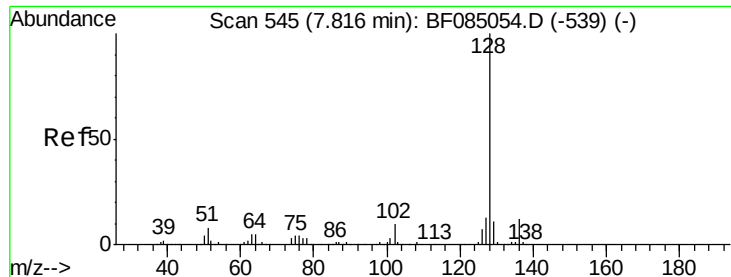
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





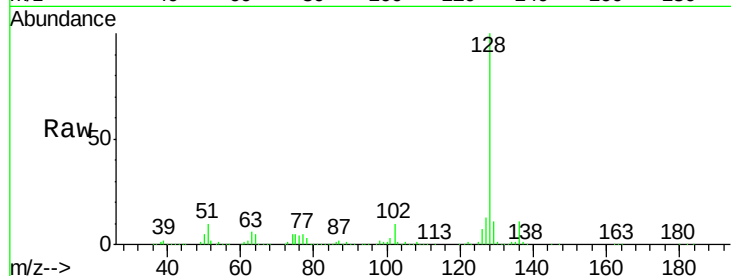
#31
Naphthalene
Concen: 48.39 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

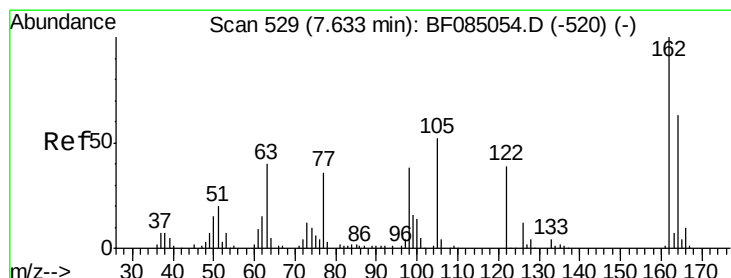
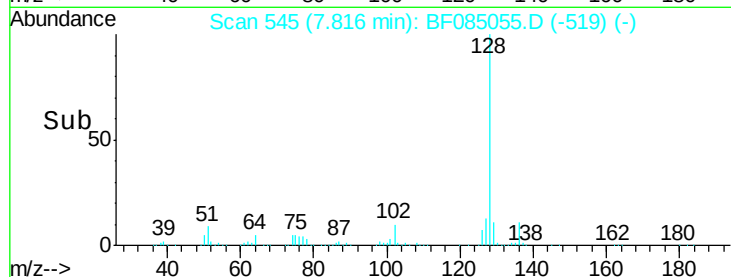
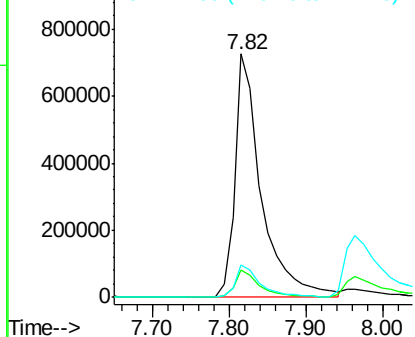
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.2	10.3	15.5

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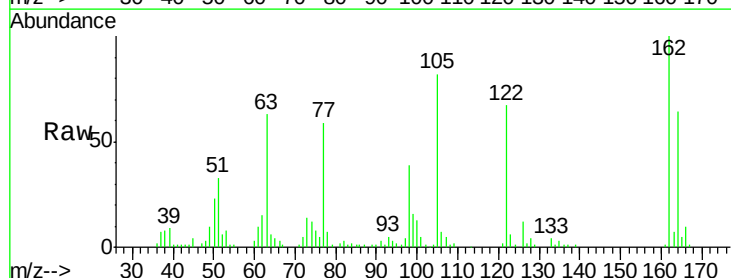


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

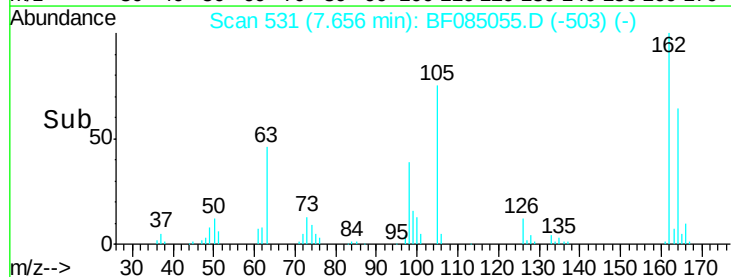
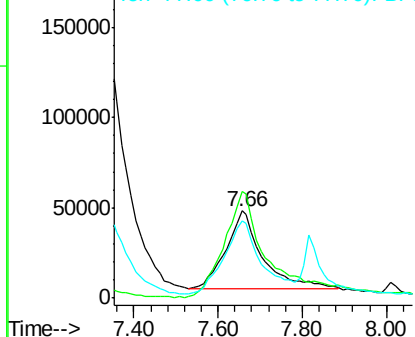


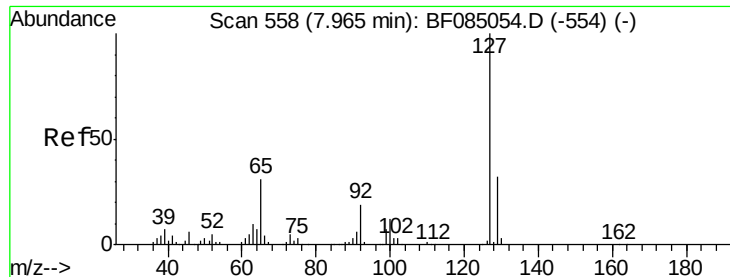
#32
Benzoic acid
Concen: 36.22 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.02 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	101.3	141.3
77	88.5	70.0	110.0



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





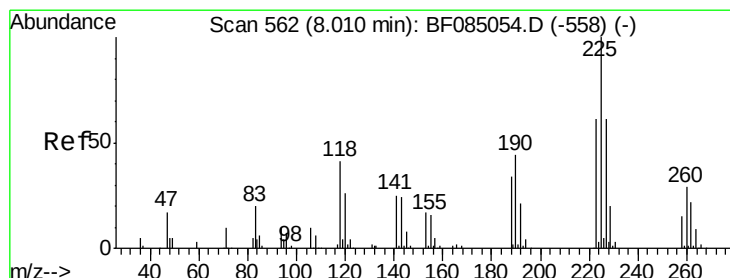
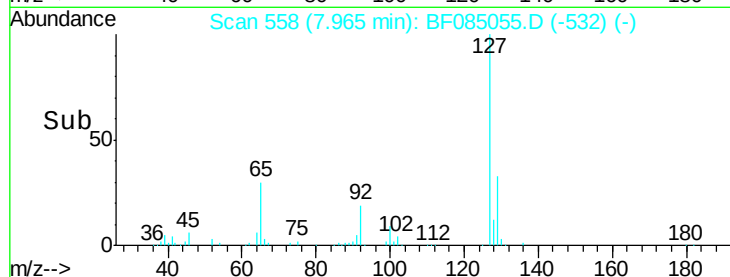
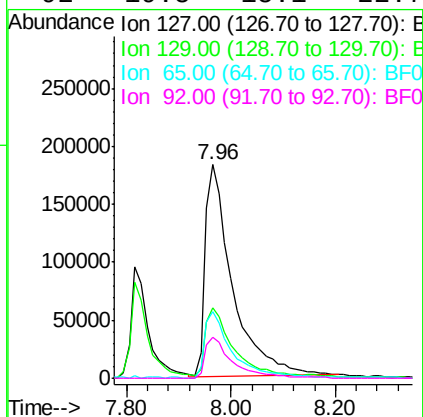
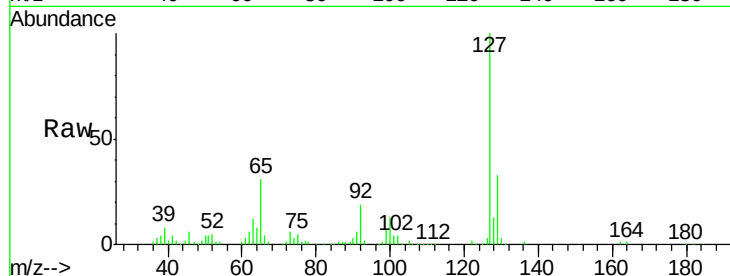
#33
4-Chloroaniline
Concen: 44.78 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		664686		
129	32.8	26.6	39.8		
65	31.4	24.7	37.1		
92	19.5	15.1	22.7		

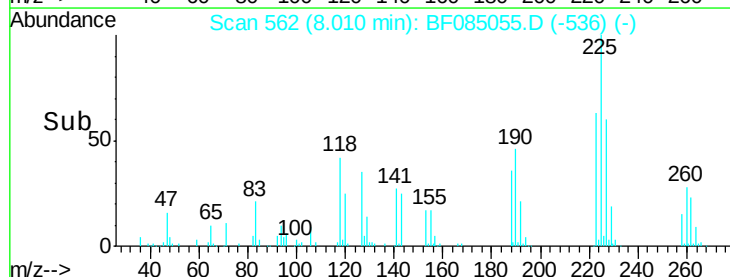
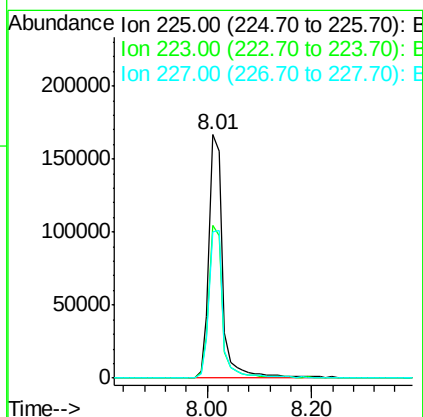
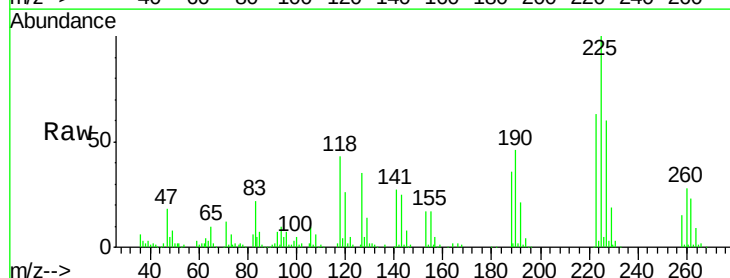
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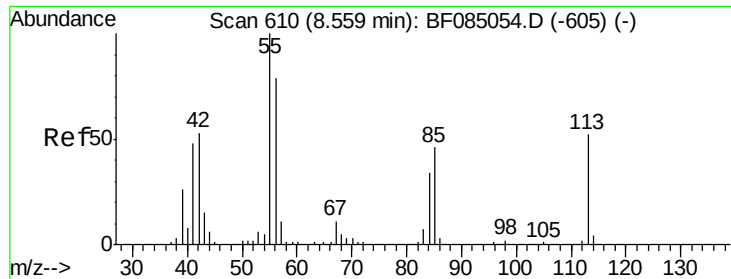
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#34
Hexachlorobutadiene
Concen: 47.79 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		308390		
223	63.0	48.6	73.0		
227	60.0	48.9	73.3		





#35

Caprolactam

Concen: 43.91 ng

RT: 8.58 min Scan# 612

Delta R.T. 0.02 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

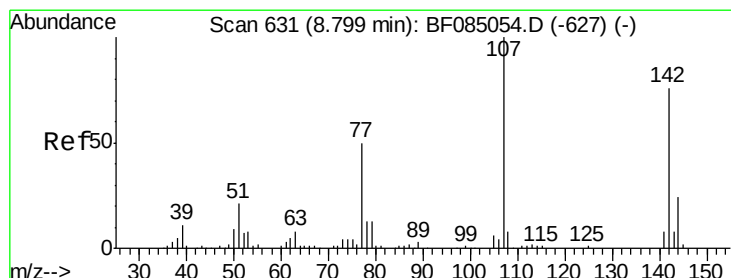
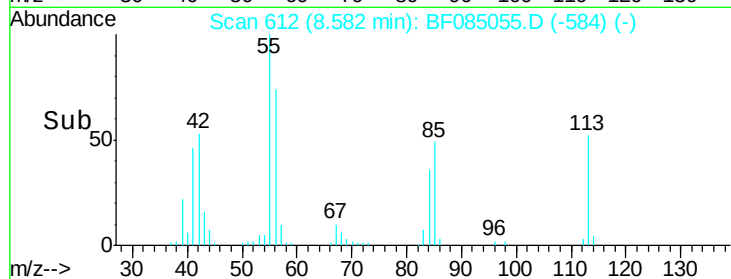
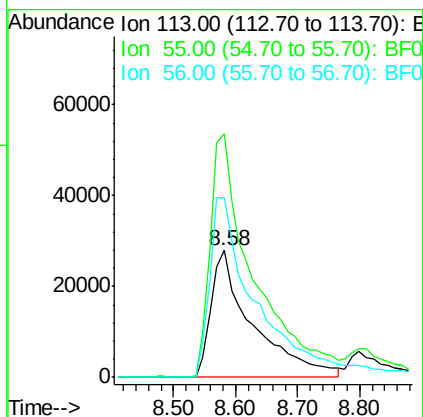
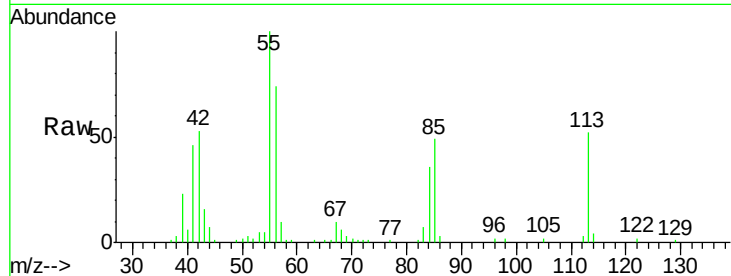
ClientSampleId :

SSTDIC050

Tot Ion:	113	Resp:	129439
Ion Ratio	Lower	Upper	
113	100		
55	191.9	173.1	213.1
56	141.4	132.9	172.9

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#36

4-Chloro-3-methylphenol

Concen: 47.90 ng

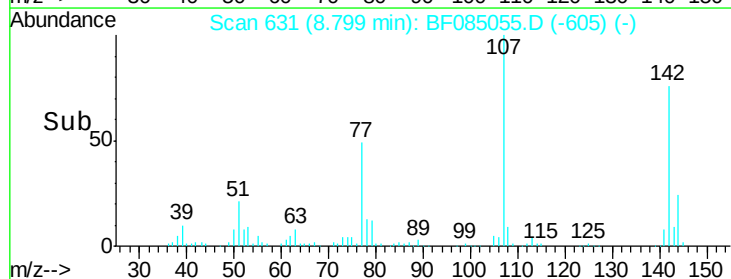
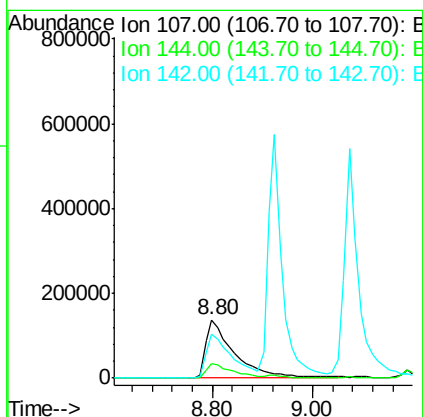
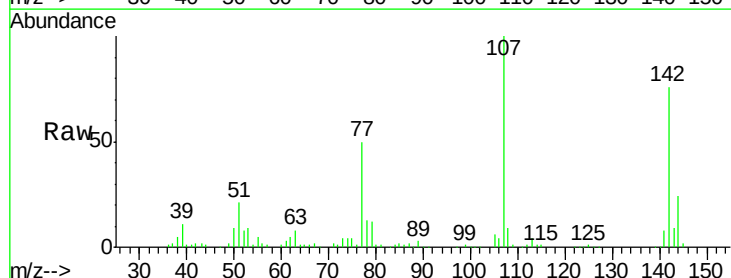
RT: 8.80 min Scan# 631

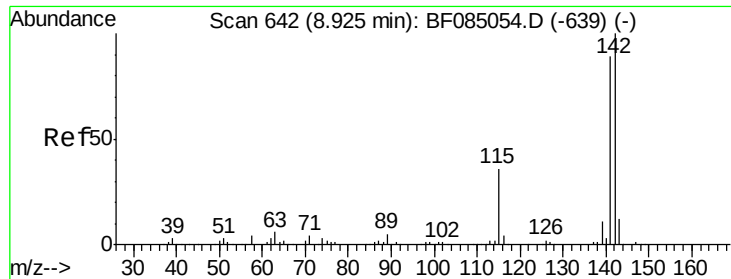
Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	107	Resp:	547993
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.2	28.8
142	76.2	60.6	91.0





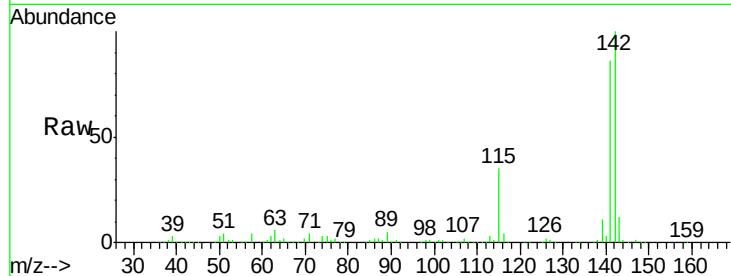
#37
2-Methylnaphthalene
Concen: 49.38 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.7	69.6	104.4
115	35.2	27.9	41.9

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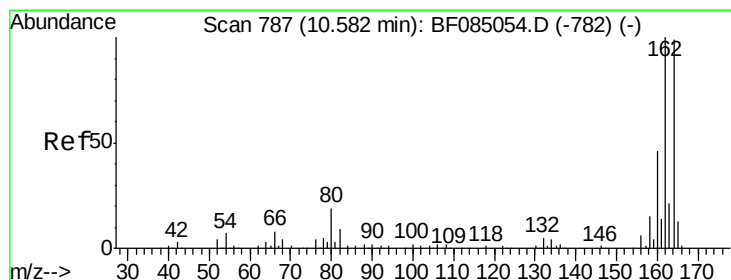
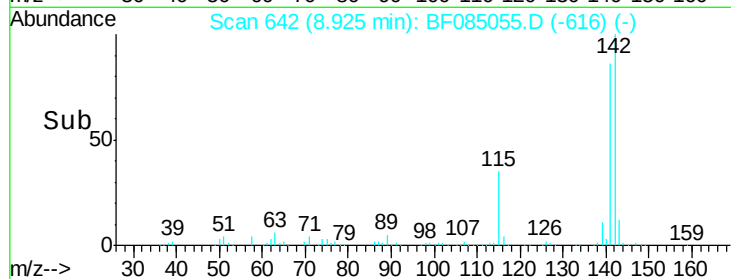
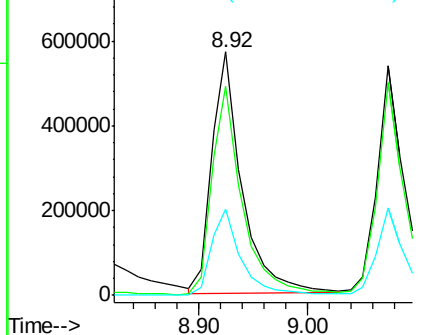


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

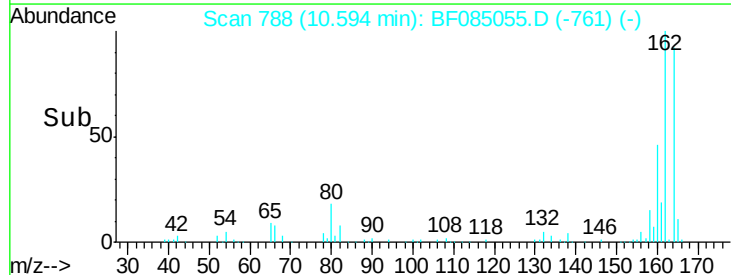
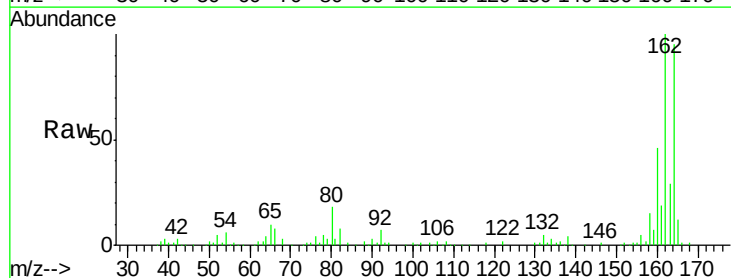
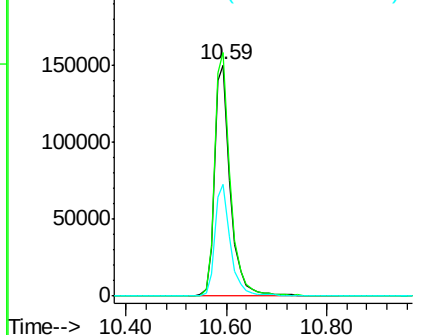
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.1	121.7
160	48.5	37.4	56.0

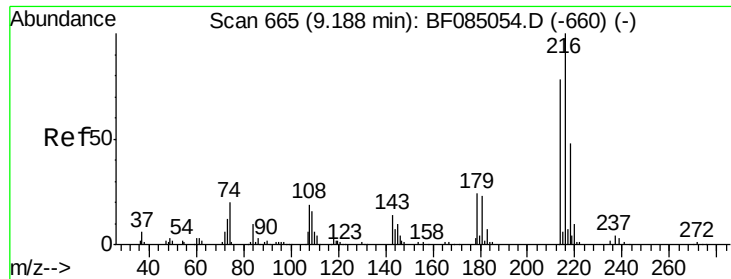
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.11 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

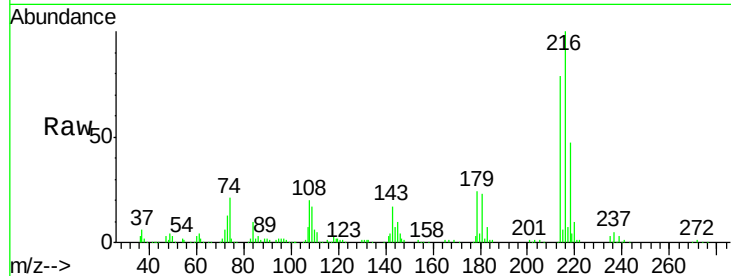
ClientSampleId :

SSTDIC050

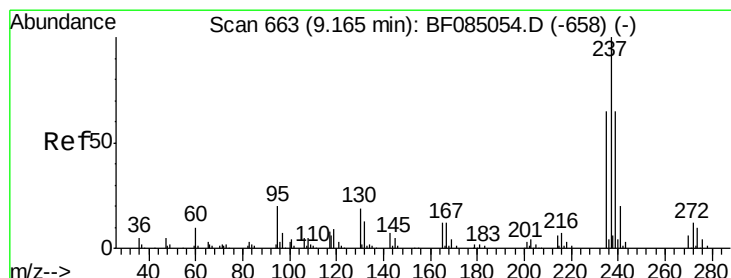
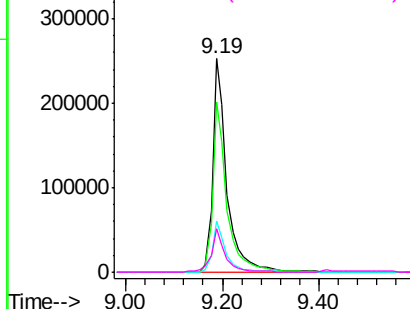
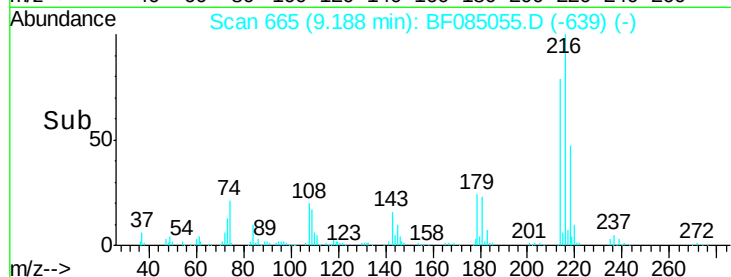
Tot Ion:	216	Resp:	530120
Ion Ratio		Lower	Upper
216	100		
214	79.5	62.2	93.2
179	22.6	18.1	27.1
108	19.3	15.7	23.5

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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: 54.77 ng

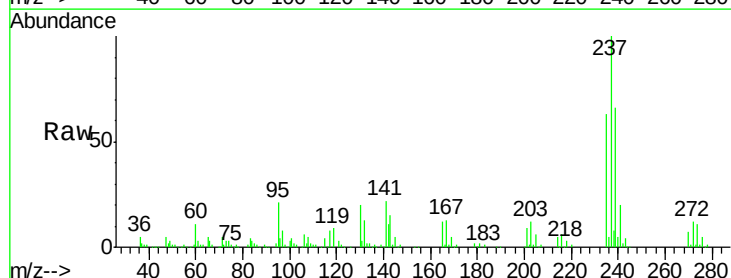
RT: 9.16 min Scan# 663

Delta R.T. -0.00 min

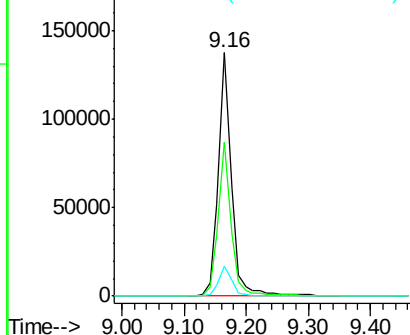
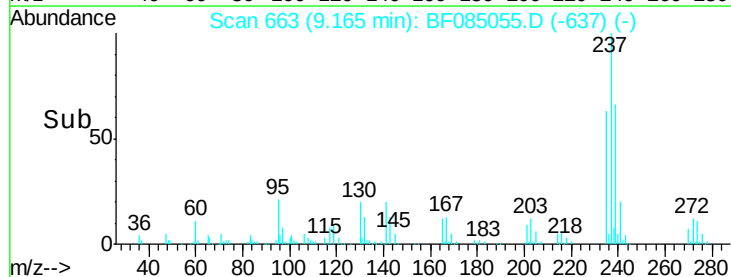
Lab File: BF085055.D

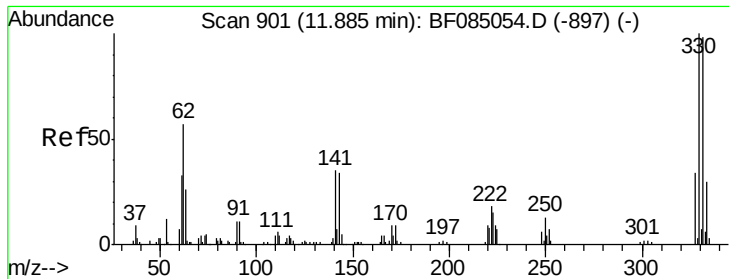
Acq: 12 Feb 2016 20:24

Tgt Ion:	237	Resp:	199677
Ion Ratio		Lower	Upper
237	100		
235	63.1	44.8	84.8
272	12.3	0.0	31.8



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





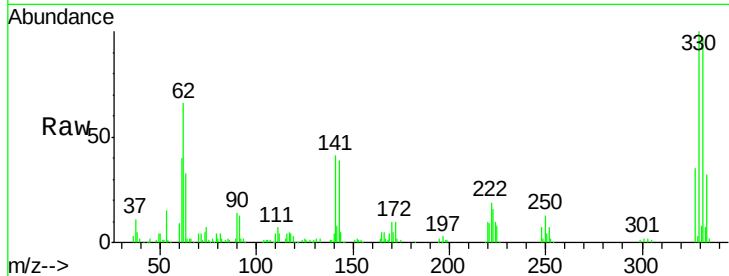
#41
 2,4,6-Tribromophenol
 Concen: 101.45 ng
 RT: 11.89 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

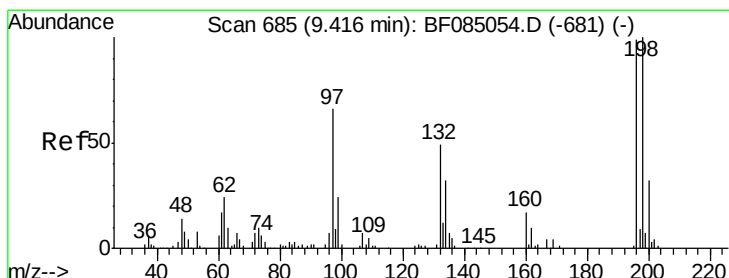
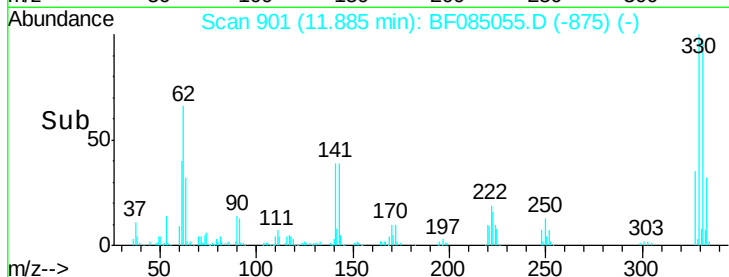
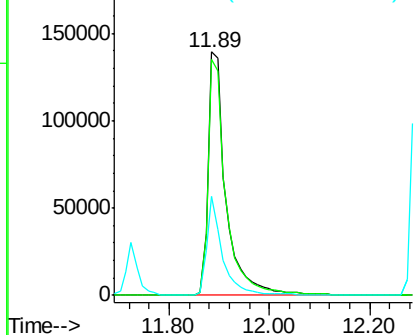
Tot Ion	Ratio	Resp	Lower	Upper
330	100	344699		
332	96.9		78.5	117.7
141	35.2		28.6	42.8

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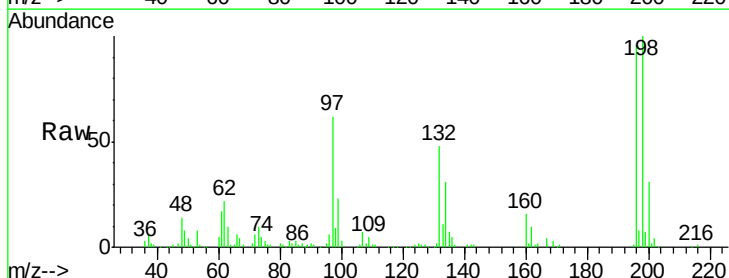


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

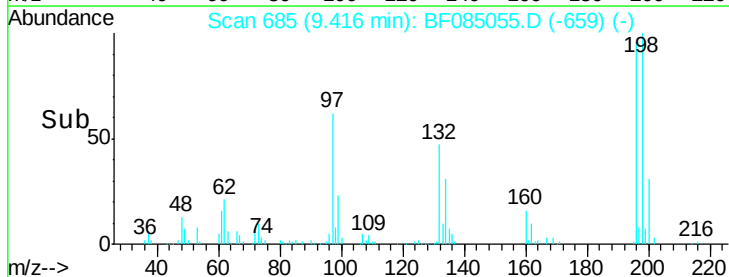
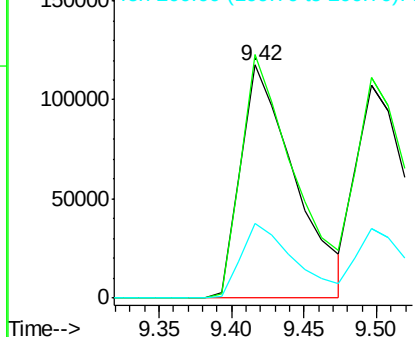


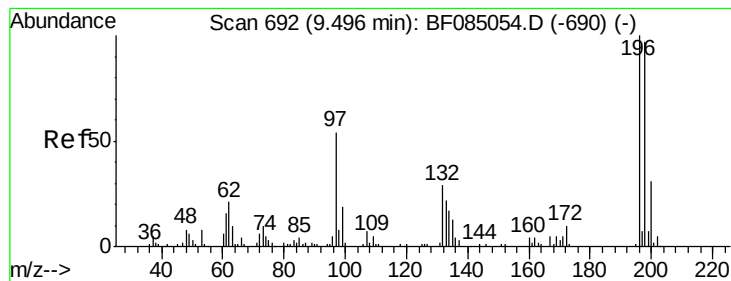
#42
 2,4,6-Trichlorophenol
 Concen: 46.31 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	305027		
198	104.5		81.0	121.6
200	32.2		26.3	39.5



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





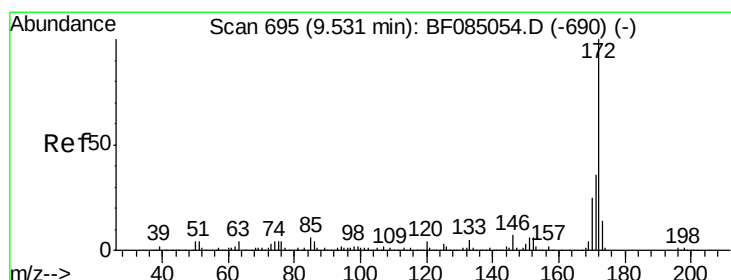
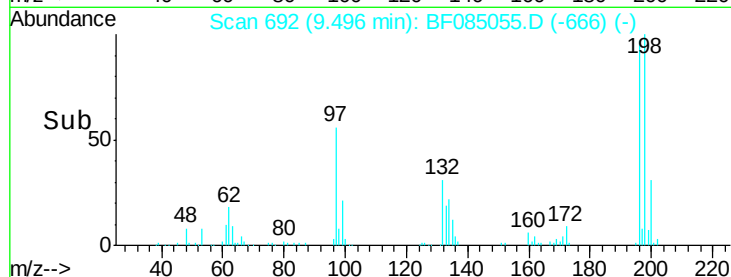
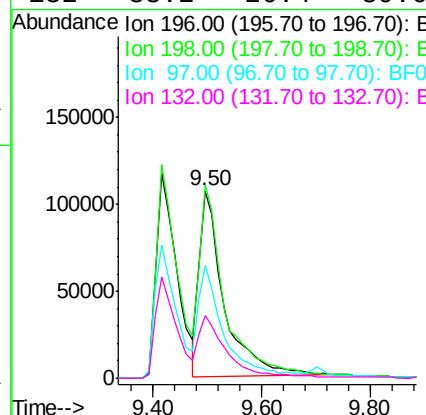
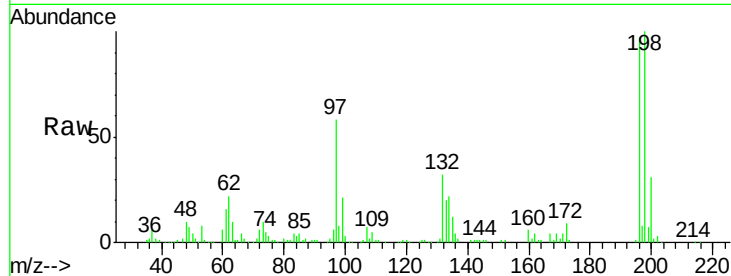
#43
 2,4,5-Trichlorophenol
 Concen: 49.64 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	196	Resp:	339064
Ion Ratio	Lower	Upper	
196	100		
198	103.6	79.7	119.5
97	60.5	47.0	70.4
132	33.2	26.4	39.6

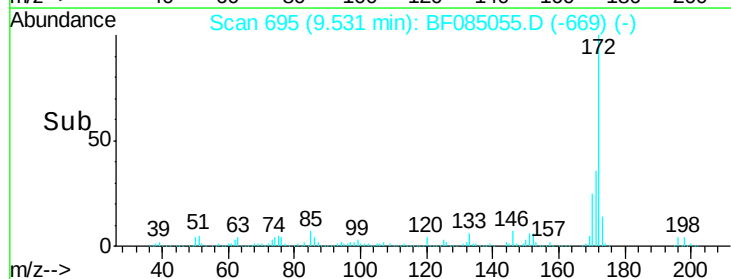
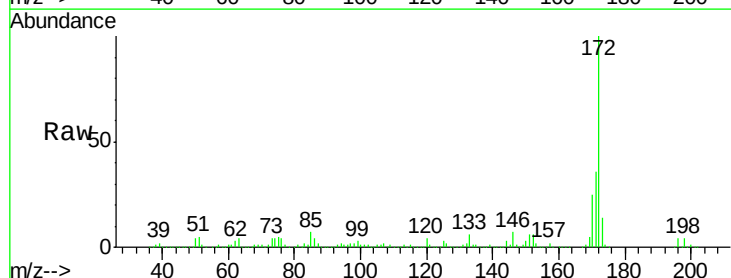
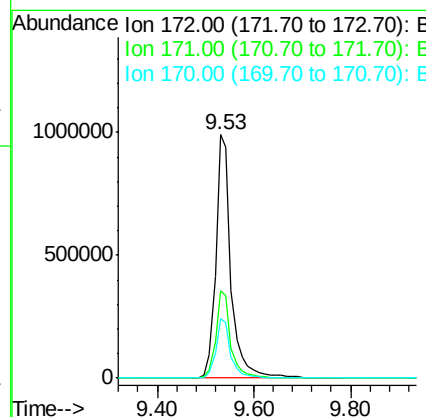
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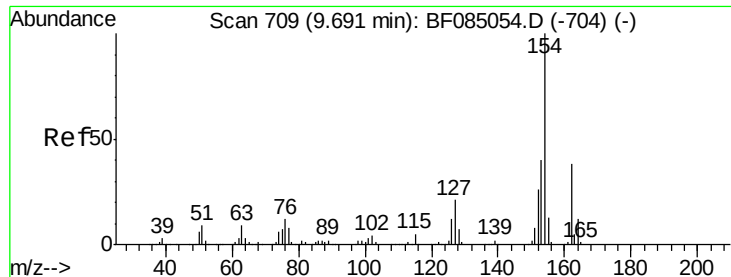
Sohil
 2/15/2016 4:43:00 PM



#44
 2-Fluorobiphenyl
 Concen: 100.21 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion:	172	Resp:	2222836
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.1	43.7
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 50.04 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1465550

Ion Ratio Lower Upper

154 100

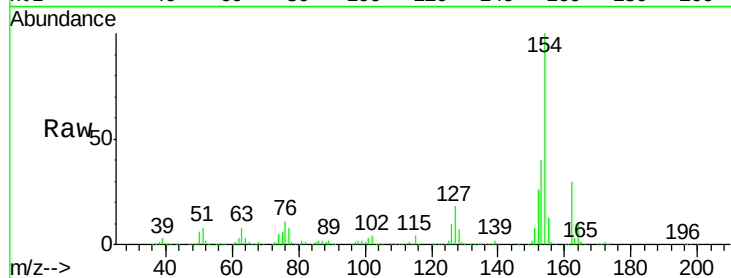
153 40.5 19.9 59.9

76 11.2 0.0 31.6

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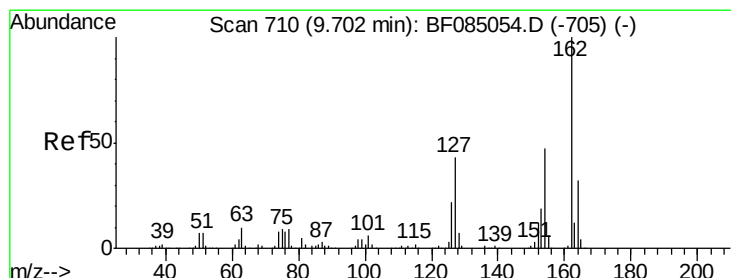
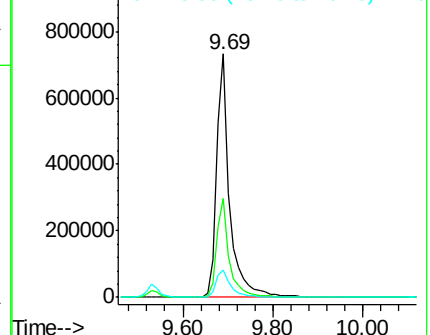
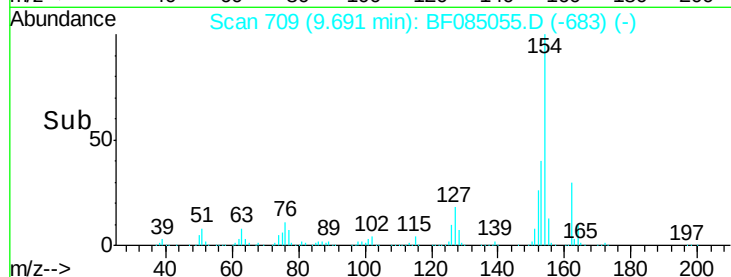
2/15/2016 4:43:00 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.12 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

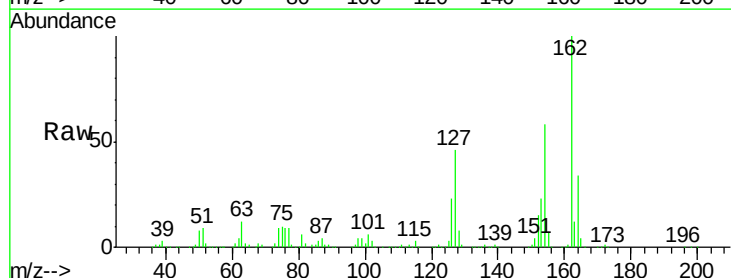
Tgt Ion:162 Resp: 1036648

Ion Ratio Lower Upper

162 100

127 46.5 34.8 52.2

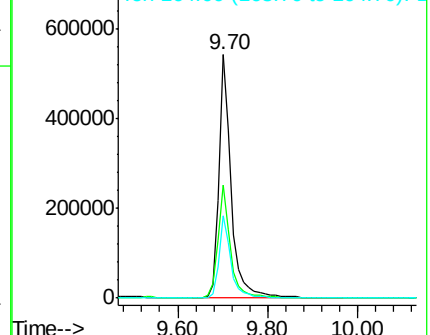
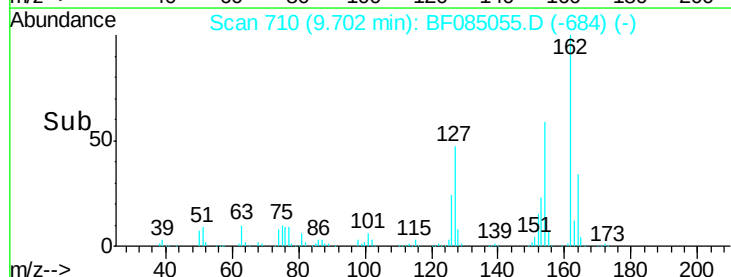
164 33.8 25.8 38.6

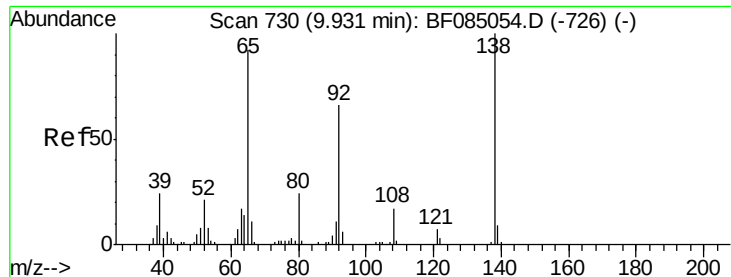


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.14 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

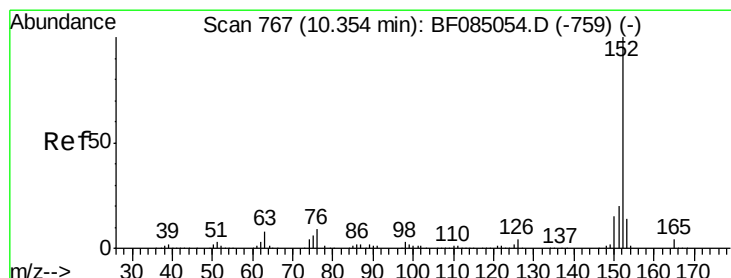
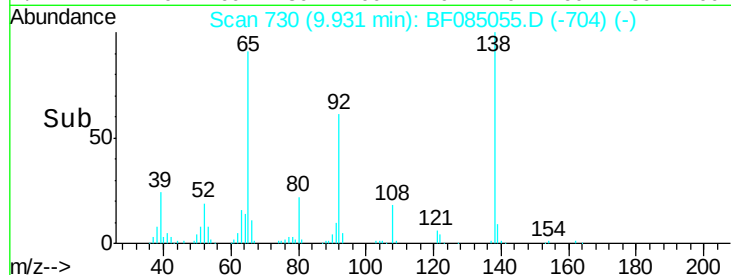
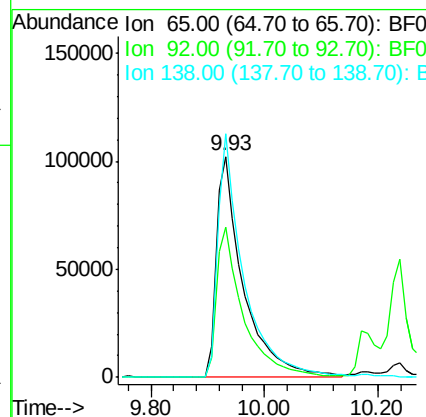
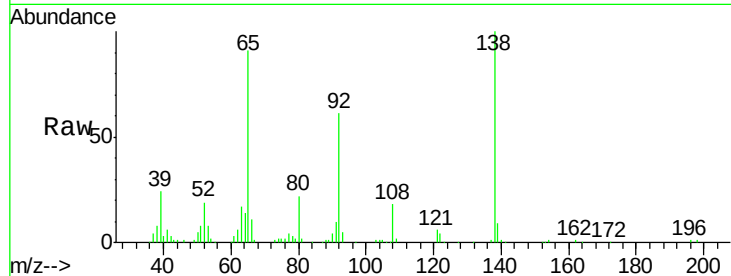
ClientSampleId :

SSTDIC050

Tot Ion:	65	Resp:	332749
Ion Ratio	Lower	Upper	
65	100		
92	67.8	57.1	85.7
138	110.3	86.8	130.2

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#48

Acenaphthylene

Concen: 50.62 ng

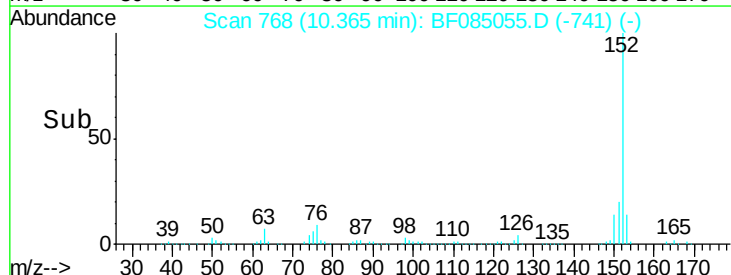
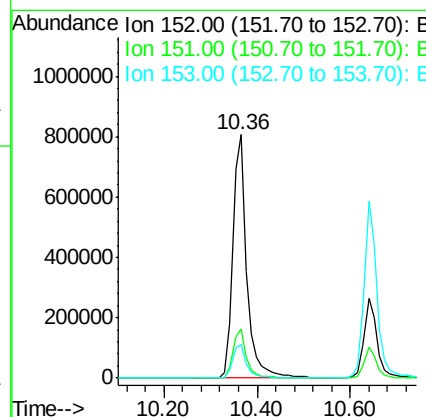
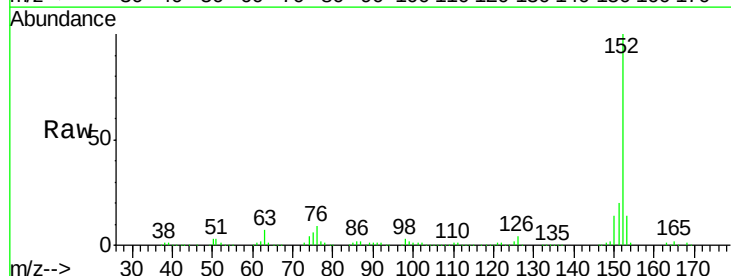
RT: 10.36 min Scan# 768

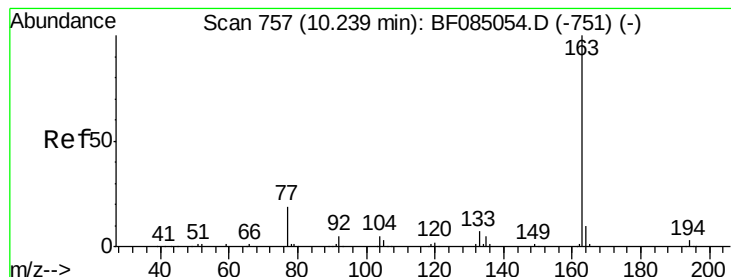
Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	152	Resp:	1660716
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.0	24.0
153	13.9	11.1	16.7





#49

Dimethylphthalate

Concen: 49.12 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:163 Resp: 1218452

Ion Ratio Lower Upper

163 100

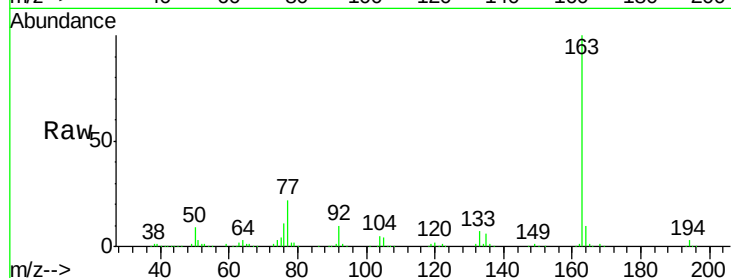
194 3.1 2.5 3.7

164 10.2 7.8 11.8

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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

600000

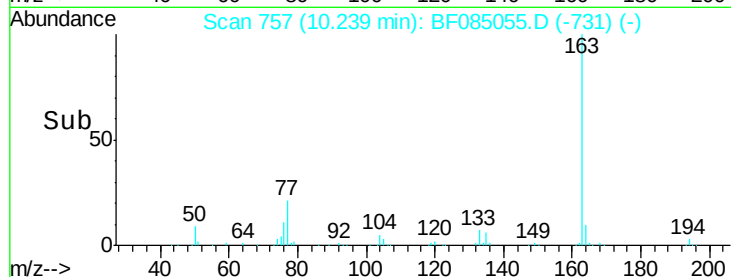
400000

200000

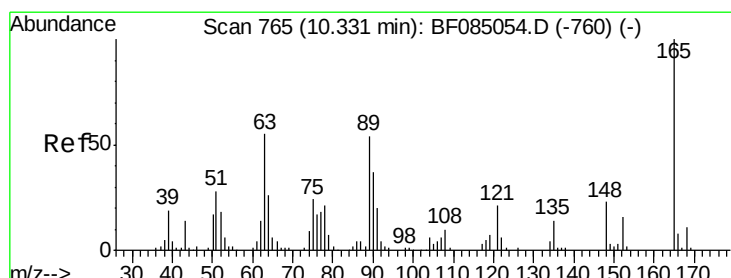
0

10.24

10.20 10.40 10.60



Time-->



#50

2,6-Dinitrotoluene

Concen: 47.55 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

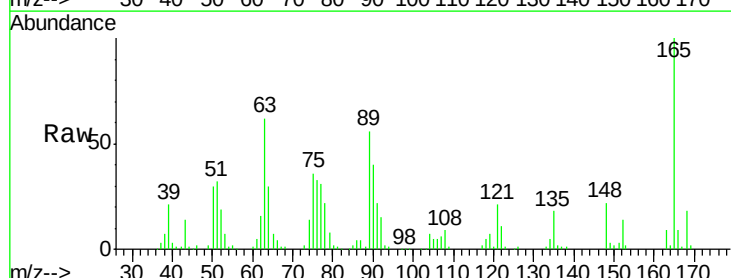
Tgt Ion:165 Resp: 254735

Ion Ratio Lower Upper

165 100

63 62.1 47.5 71.3

89 56.4 42.9 64.3



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

150000

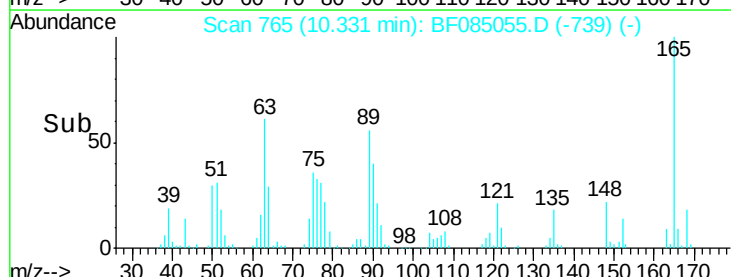
100000

50000

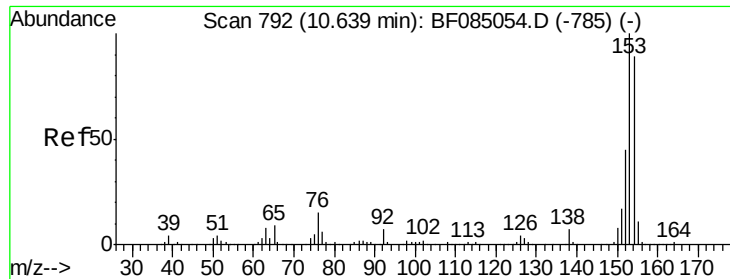
0

10.33

10.20 10.40 10.60



Time-->



#51

Acenaphthene

Concen: 46.82 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

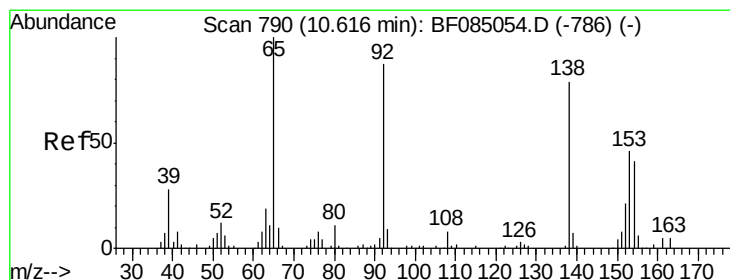
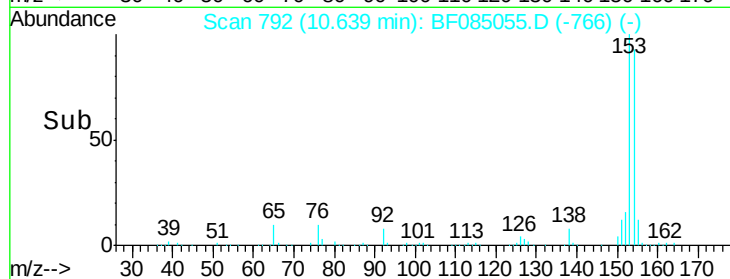
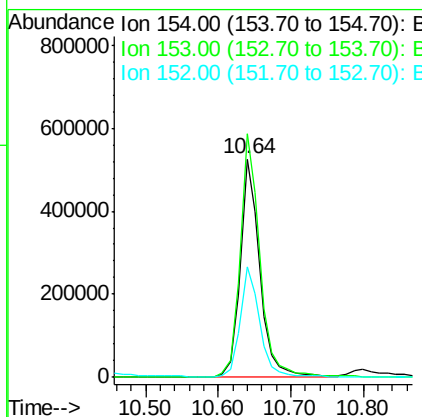
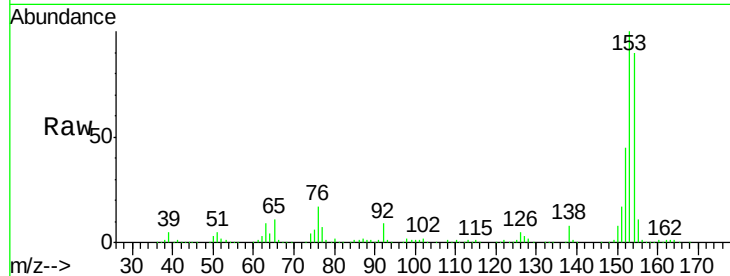
ClientSampleId :

SSTDIC050

Tot Ion:	154	Resp:	988943
Ion Ratio	Lower	Upper	
154	100		
153	111.5	89.5	134.3
152	50.7	40.7	61.1

Manual Integrations
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#52

3-Nitroaniline

Concen: 46.76 ng

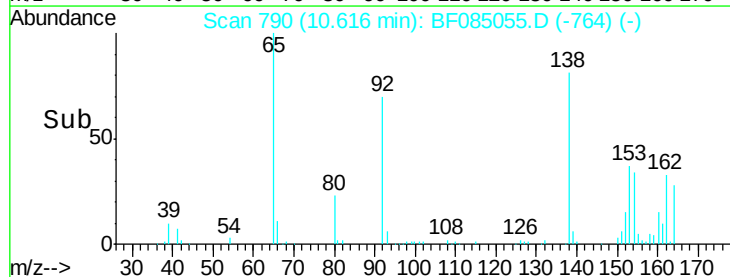
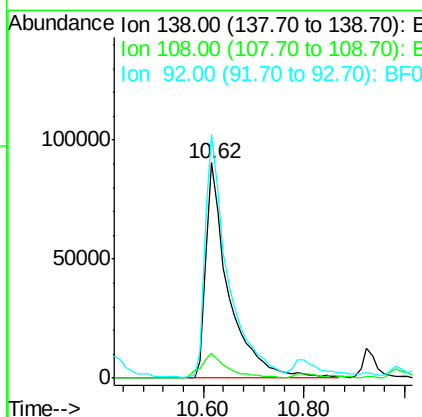
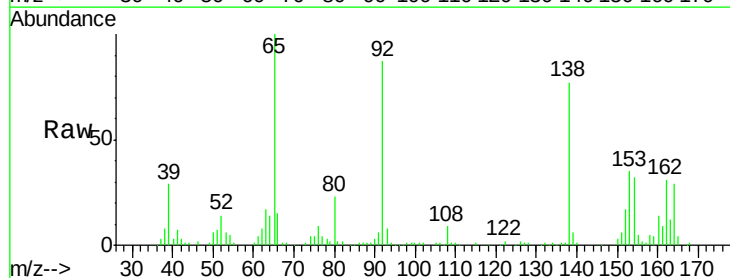
RT: 10.62 min Scan# 790

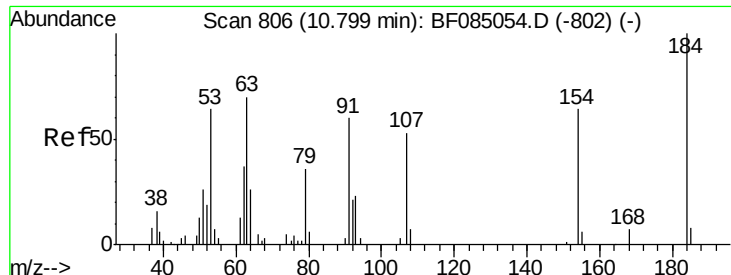
Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	138	Resp:	285014
Ion Ratio	Lower	Upper	
138	100		
108	11.6	9.1	13.7
92	113.2	88.9	133.3





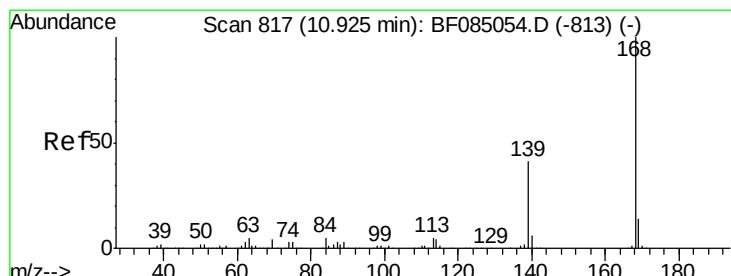
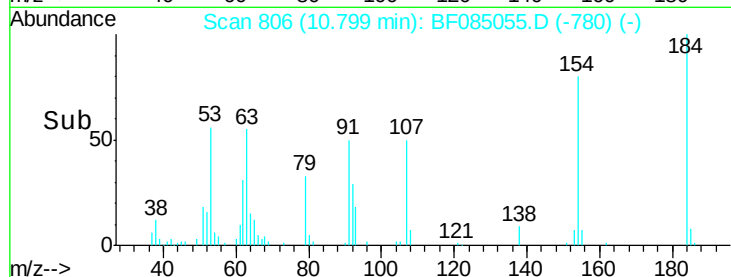
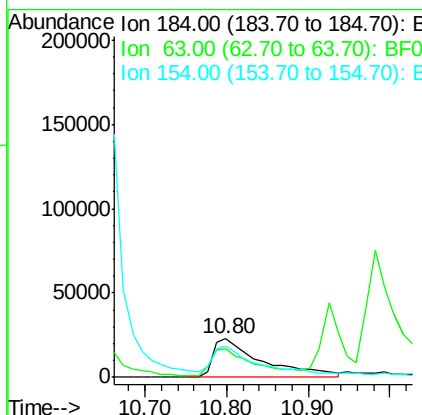
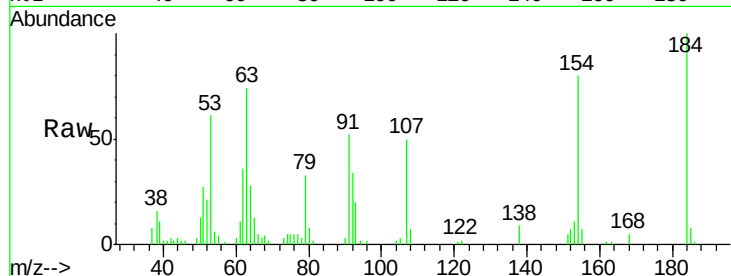
#53
 2,4-Dinitrophenol
 Concen: 45.39 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.9	60.6	90.8
154	80.2	70.2	105.2

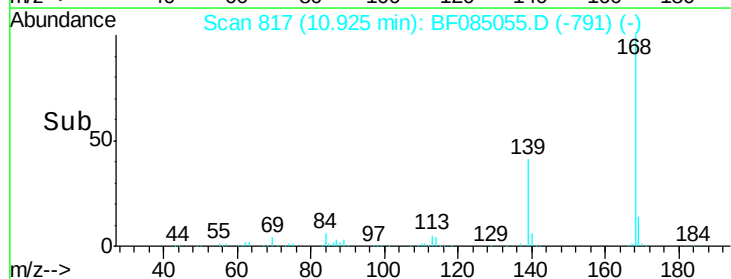
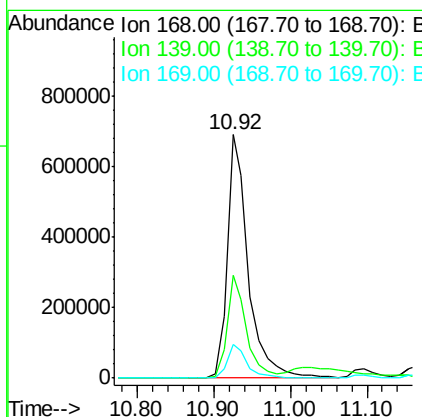
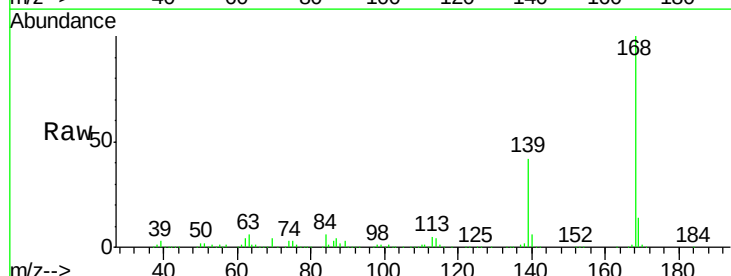
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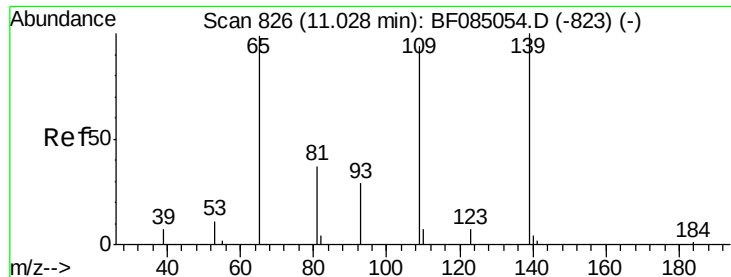
Sohil
 2/15/2016 4:43:00 PM



#54
 Dibenzofuran
 Concen: 50.97 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	33.0	49.4
169	14.1	10.9	16.3





#55

4-Nitrophenol

Concen: 44.87 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

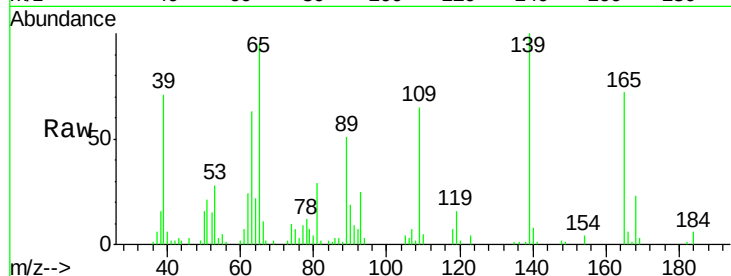
ClientSampleId :

SSTDIC050

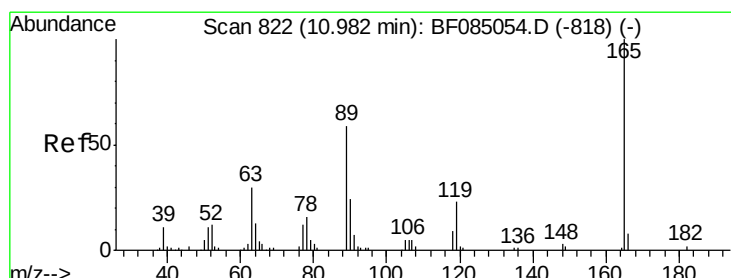
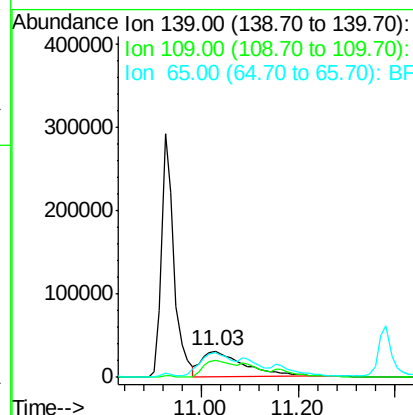
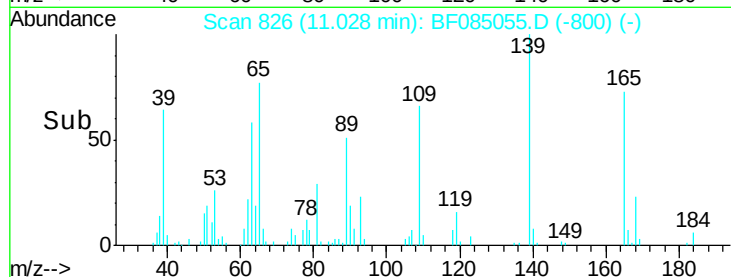
Tot Ion:	139	Resp:	192156
Ion Ratio	Lower	Upper	
139	100		
109	65.1	48.7	88.7
65	94.5	78.8	118.8

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.36 ng

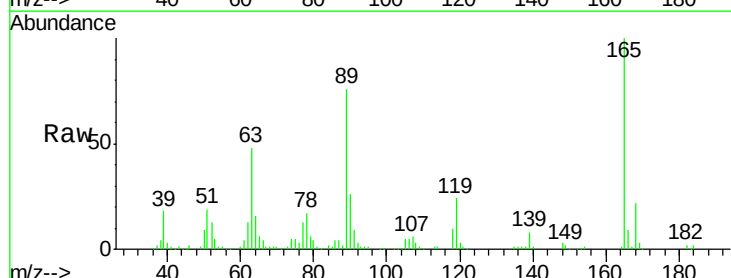
RT: 10.98 min Scan# 822

Delta R.T. -0.00 min

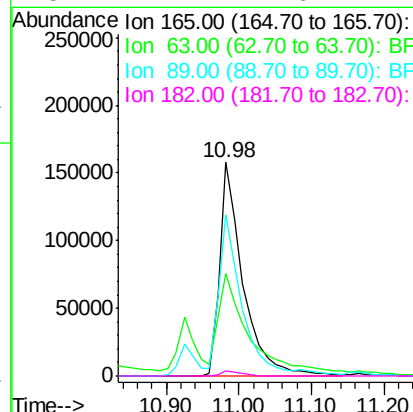
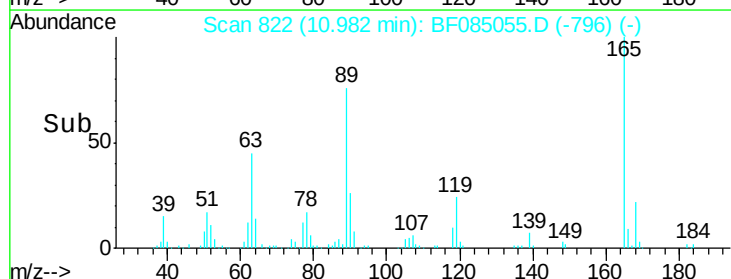
Lab File: BF085055.D

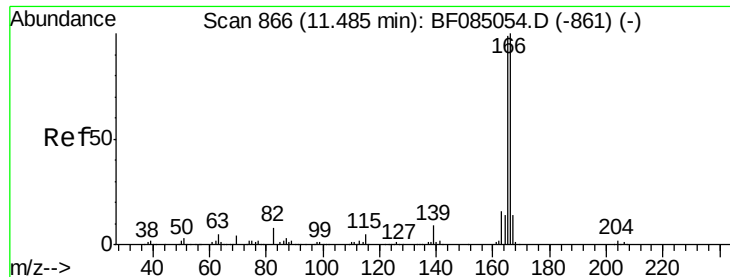
Acq: 12 Feb 2016 20:24

Tgt Ion:	165	Resp:	350642
Ion Ratio	Lower	Upper	
165	100		
63	47.7	36.6	55.0
89	75.8	54.4	81.6
182	2.2	1.6	2.4



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.81 ng

RT: 11.49 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 1132631

Ion Ratio Lower Upper

166 100

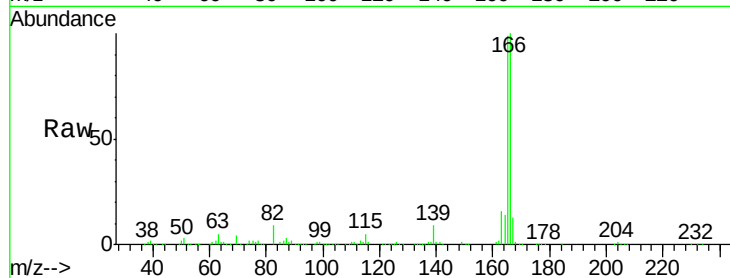
165 98.7 78.9 118.3

167 13.1 10.9 16.3

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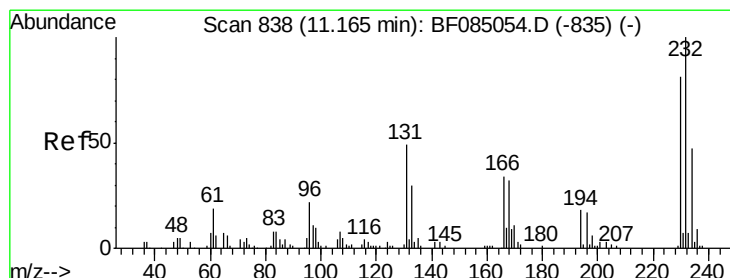
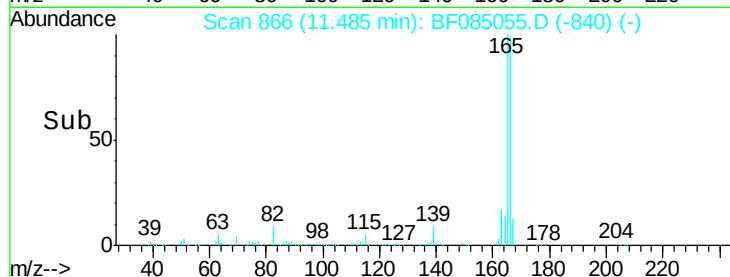
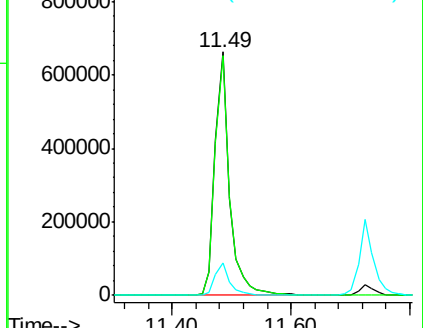
2/15/2016 4:43:00 PM



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: 52.50 ng

RT: 11.16 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:232 Resp: 278143

Ion Ratio Lower Upper

232 100

131 50.4 39.7 59.5

130 2.3 1.8 2.8

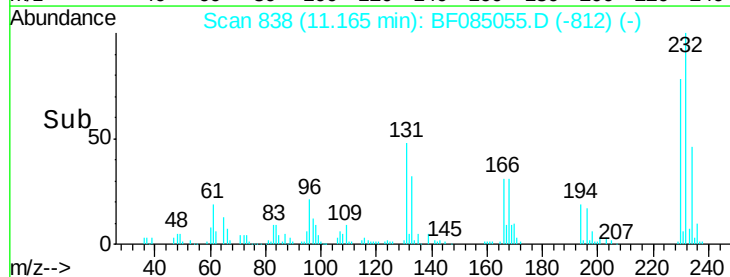
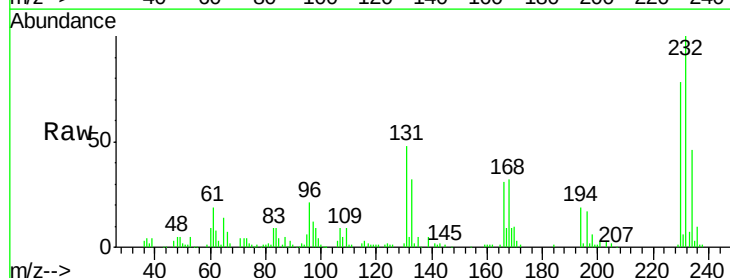
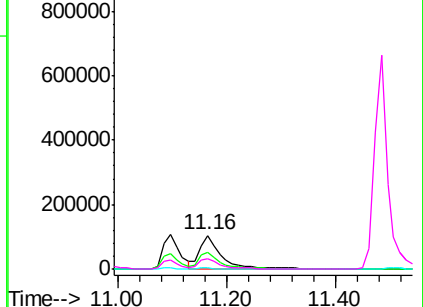
166 31.2 24.2 36.2

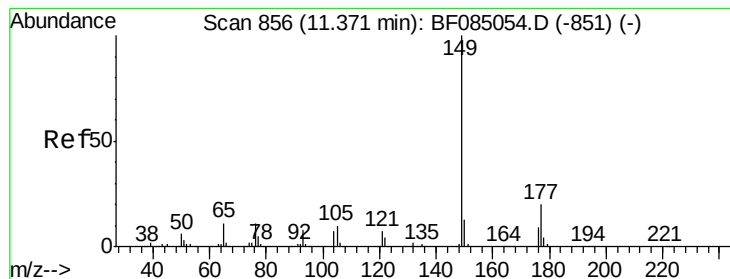
Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.52 ng

RT: 11.38 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:149 Resp: 1211391

Ion Ratio Lower Upper

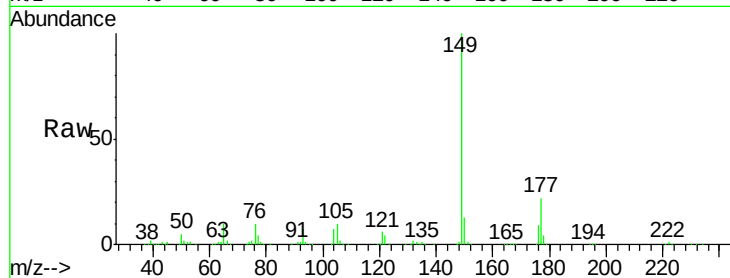
149 100

177 22.3 16.4 24.6

150 12.8 10.2 15.4

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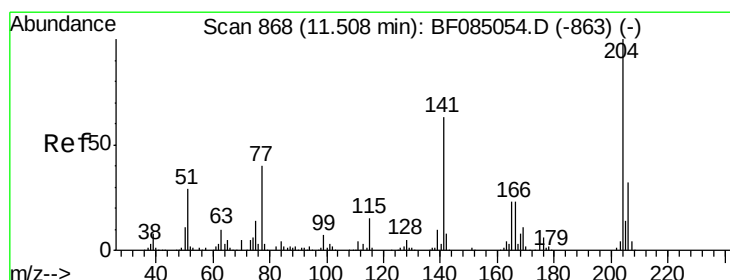
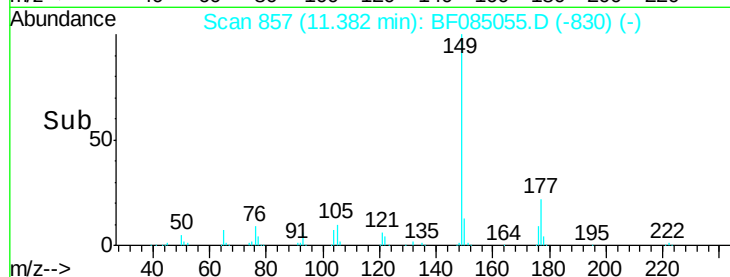
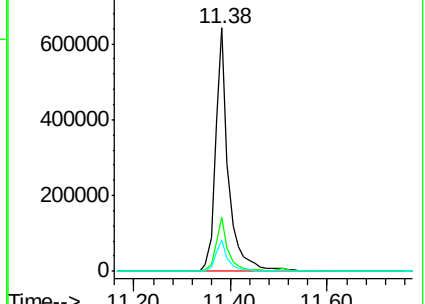
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 51.95 ng

RT: 11.51 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

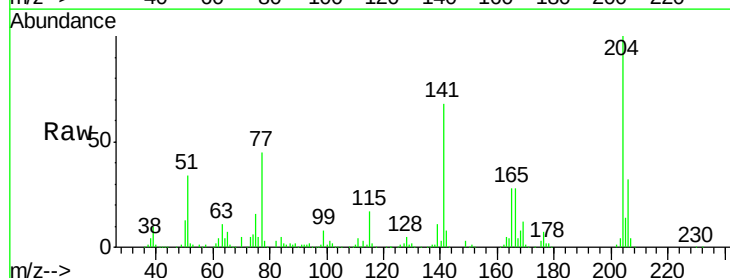
Tgt Ion:204 Resp: 545682

Ion Ratio Lower Upper

204 100

206 32.0 25.8 38.6

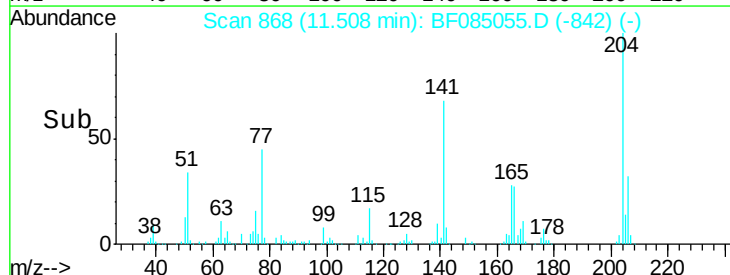
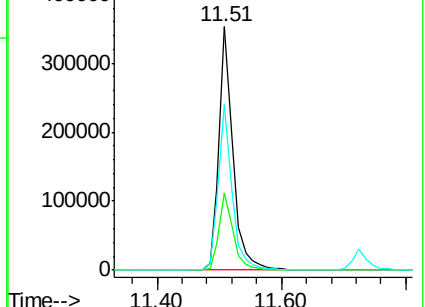
141 68.0 50.5 75.7

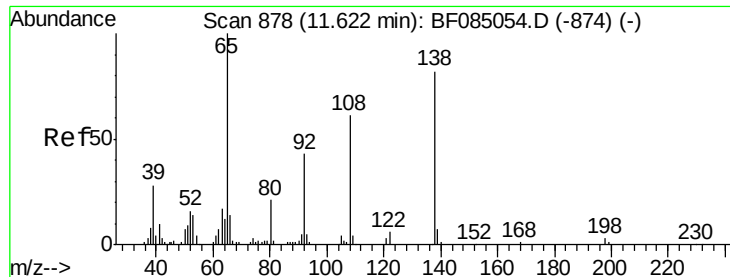


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.81 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF085055.D

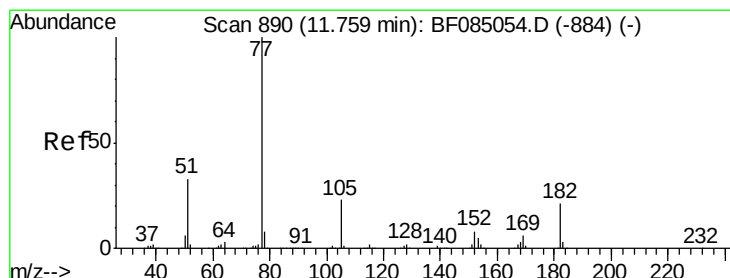
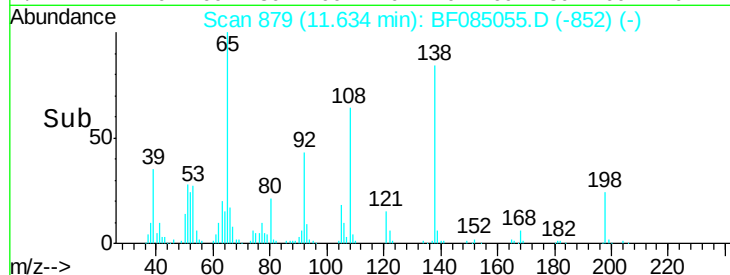
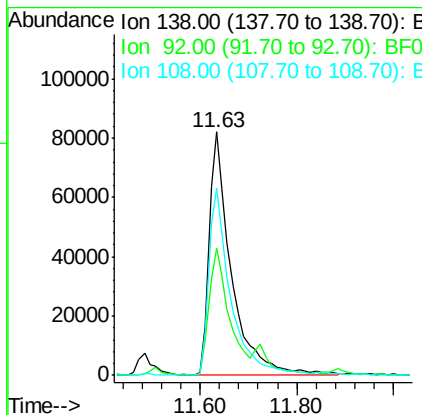
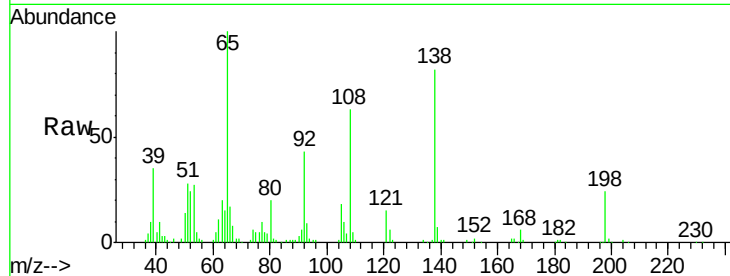
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion:	138	Resp:	264298
Ion Ratio	Lower	Upper	
138	100		
92	52.1	32.6	72.6
108	76.9	54.6	94.6

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#62

Azobenzene

Concen: 49.67 ng

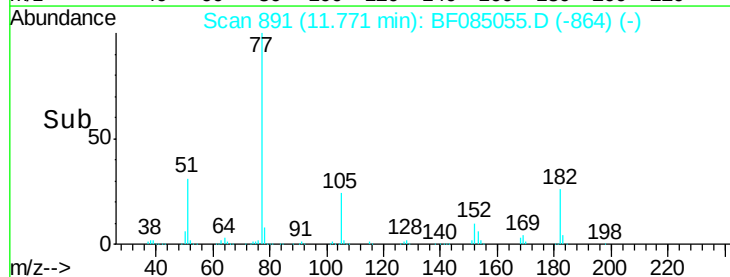
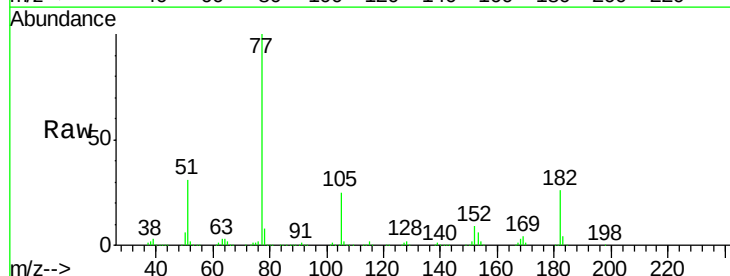
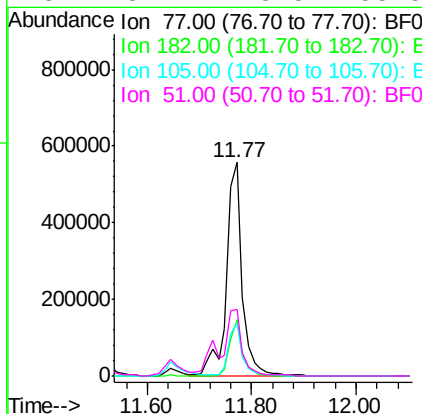
RT: 11.77 min Scan# 891

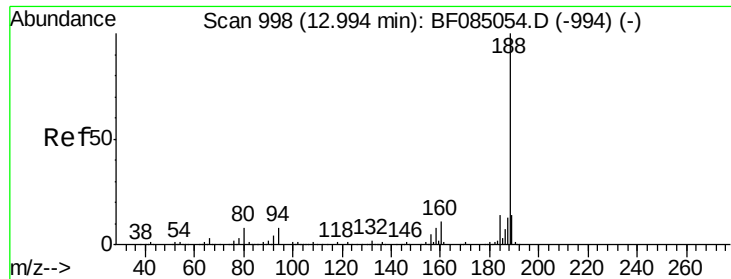
Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	77	Resp:	1164447
Ion Ratio	Lower	Upper	
77	100		
182	26.2	1.3	41.3
105	24.5	4.2	44.2
51	31.4	13.5	53.5





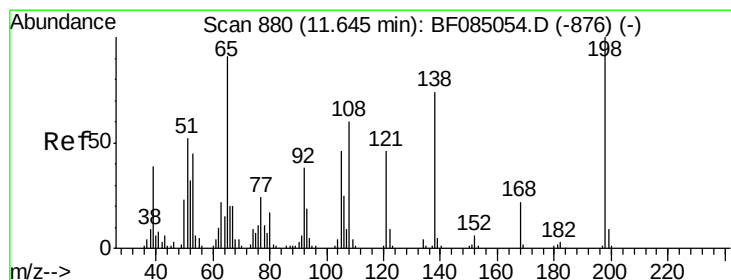
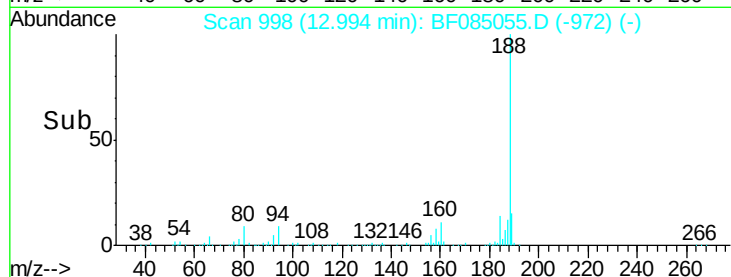
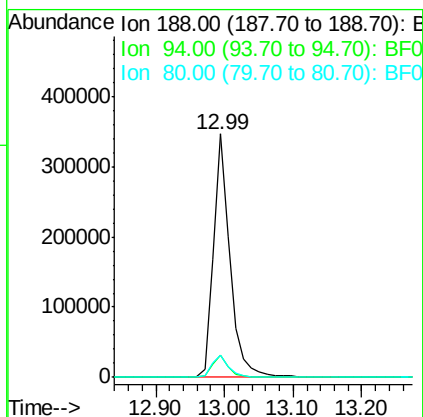
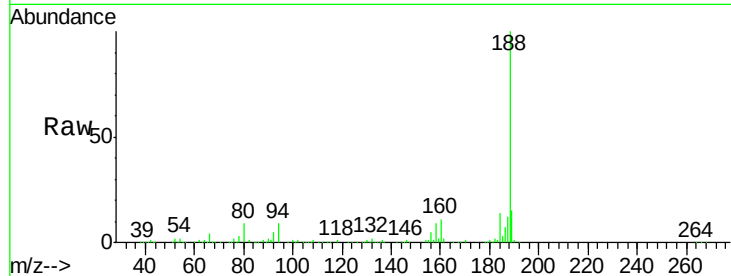
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	6.2	9.2
80	8.9	6.6	9.8

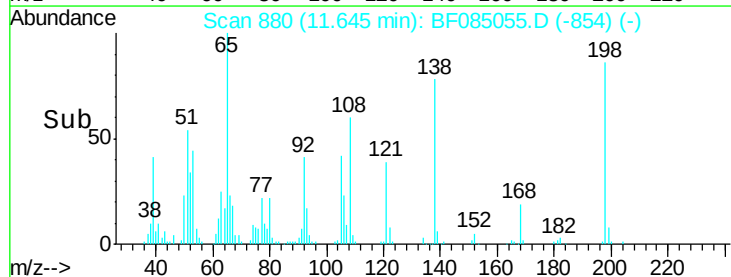
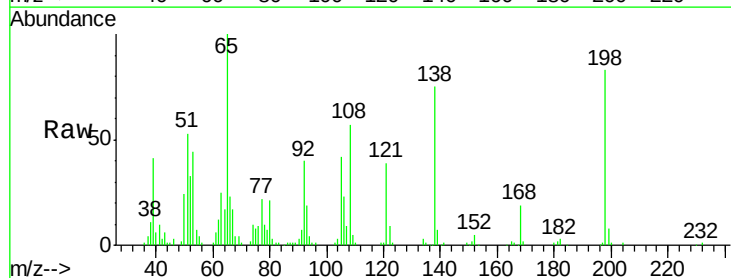
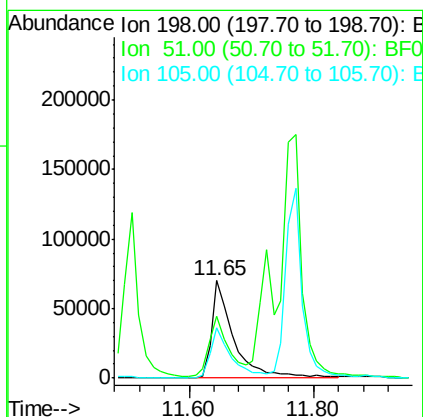
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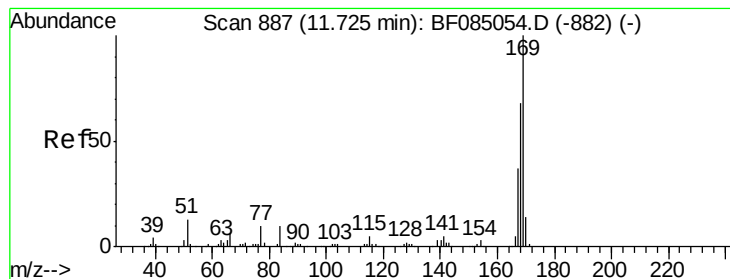
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.45 ng
RT: 11.65 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	64.2	34.5	74.5
105	51.1	26.2	66.2





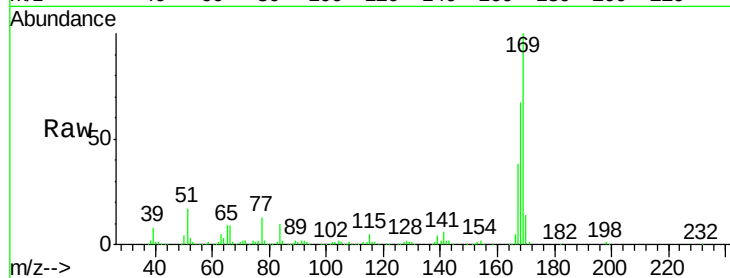
#65
n-Nitrosodiphenylamine
Concen: 49.72 ng
RT: 11.73 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

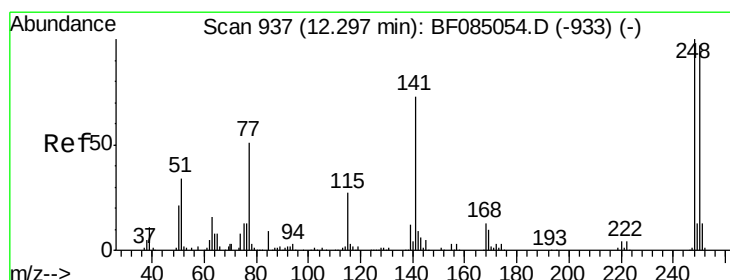
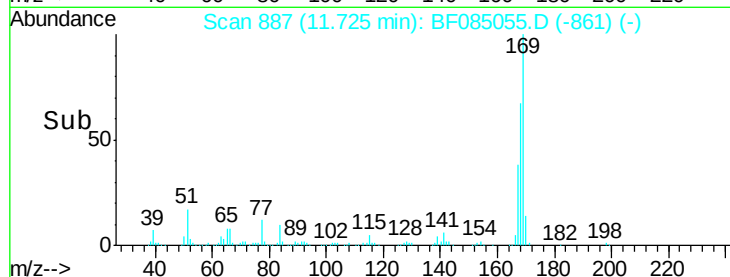
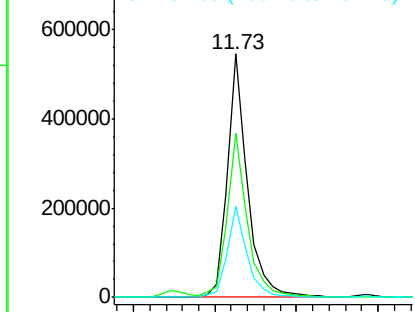
Tot Ion	Ratio	Resp	Lower	Upper
169	100	917592		
168	67.4	54.8	82.2	
167	37.6	29.8	44.8	

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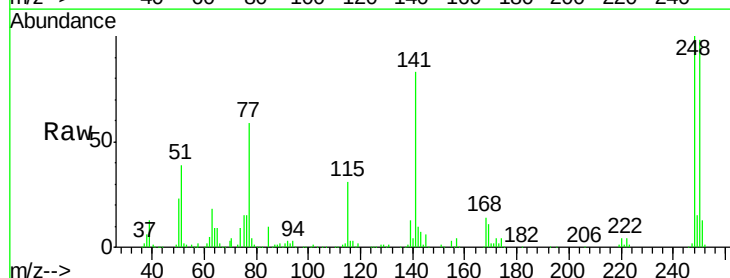


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

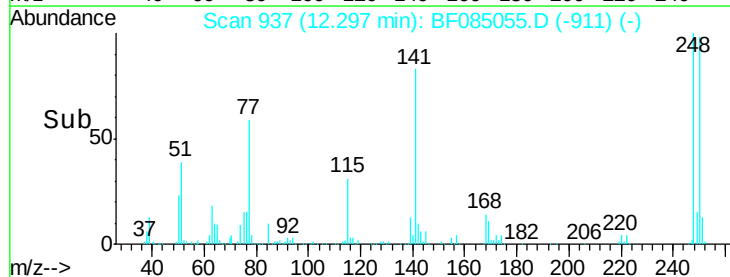
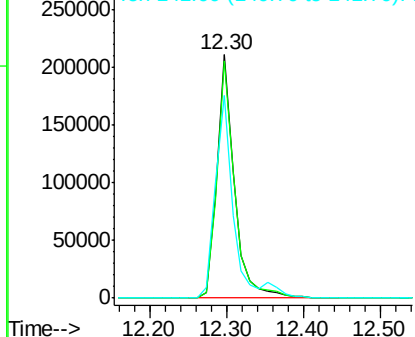


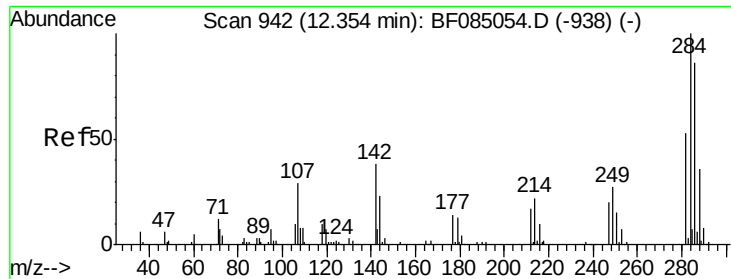
#66
4-Bromophenyl-phenylether
Concen: 51.65 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	333697		
250	97.6	77.5	116.3	
141	83.2	58.2	87.4	



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





#67

Hexachlorobenzene

Concen: 50.30 ng

RT: 12.37 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

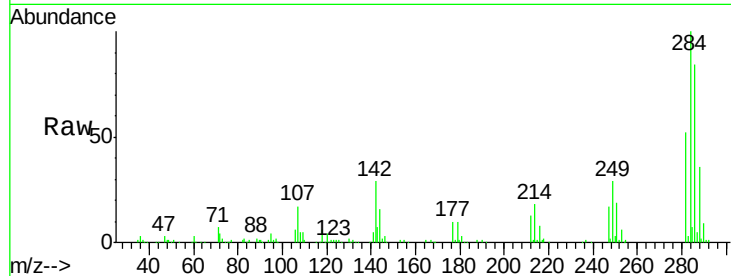
ClientSampleId :

SSTDIC050

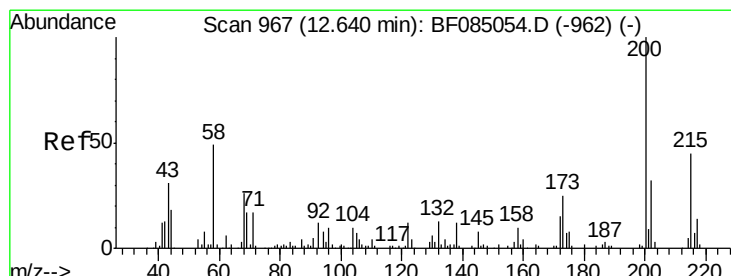
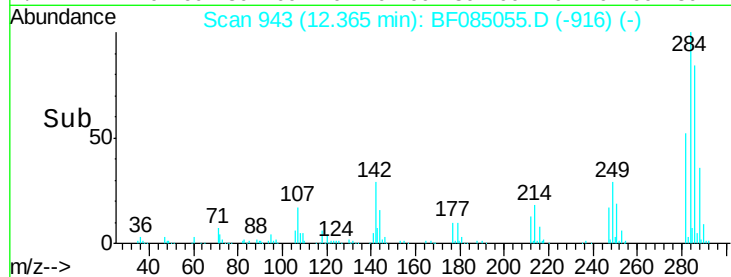
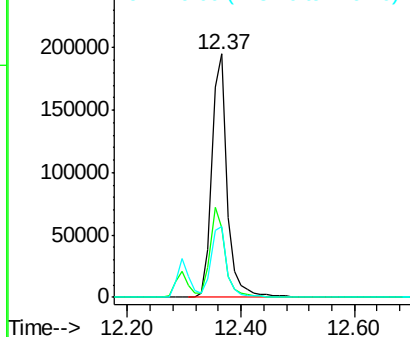
Tot Ion:	284	Resp:	358079
Ion Ratio	Lower	Upper	
284	100		
142	28.7	33.5	50.3#
249	29.1	27.4	41.2

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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: 45.60 ng

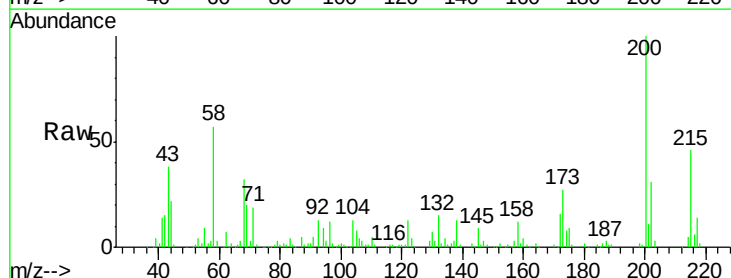
RT: 12.64 min Scan# 967

Delta R.T. -0.00 min

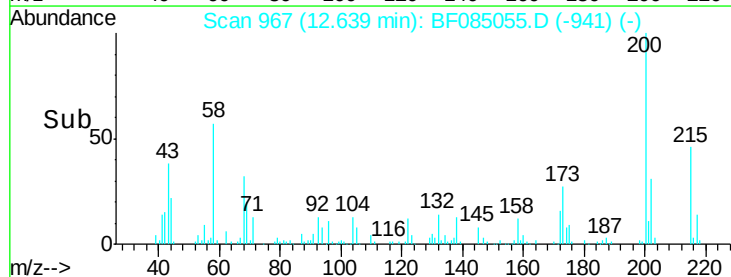
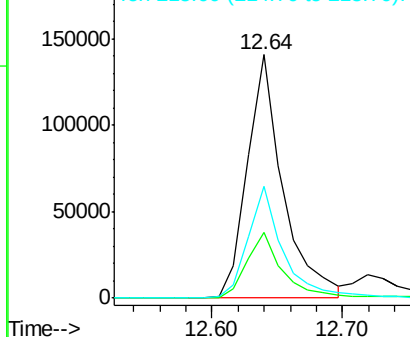
Lab File: BF085055.D

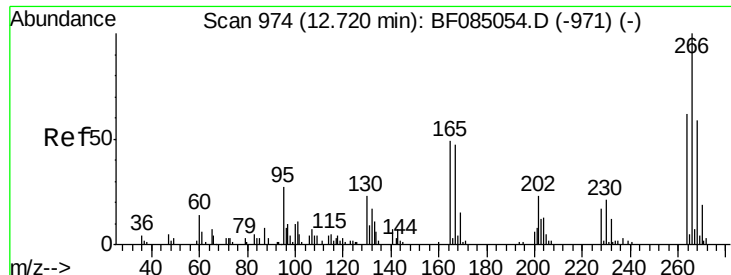
Acq: 12 Feb 2016 20:24

Tgt Ion:	200	Resp:	269021
Ion Ratio	Lower	Upper	
200	100		
173	27.1	4.7	44.7
215	46.1	24.8	64.8



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





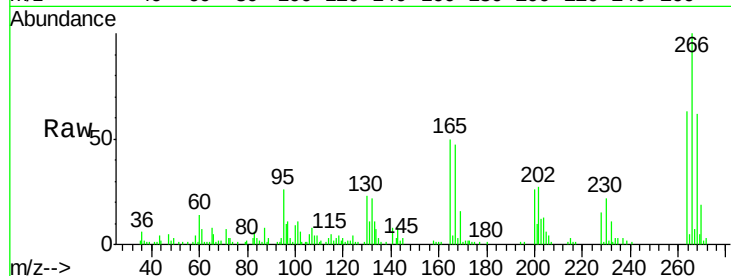
#69
 Pentachlorophenol
 Concen: 45.90 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

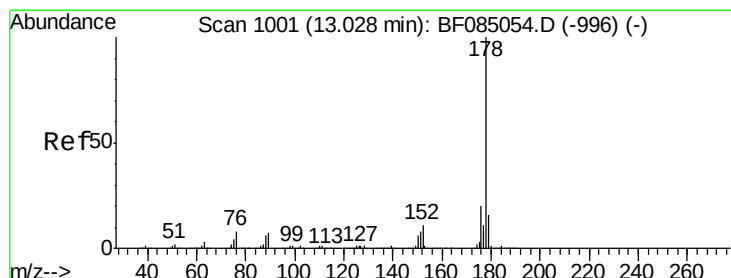
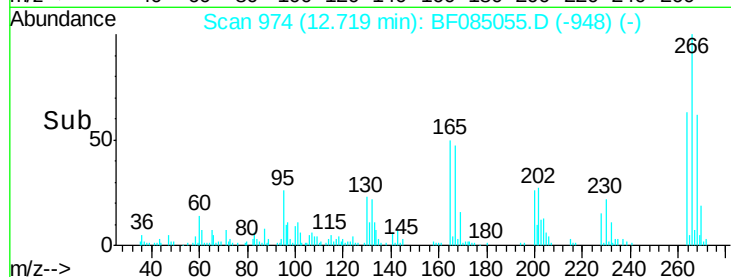
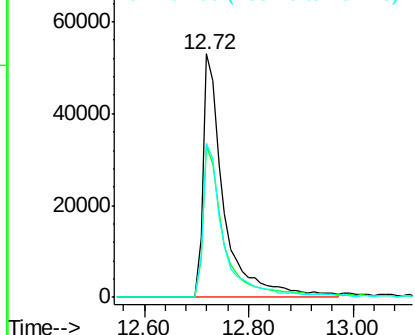
Tot Ion	Ratio	Resp	Lower	Upper
266	100	147496		
268	62.0	47.3	70.9	
264	63.1	49.8	74.6	

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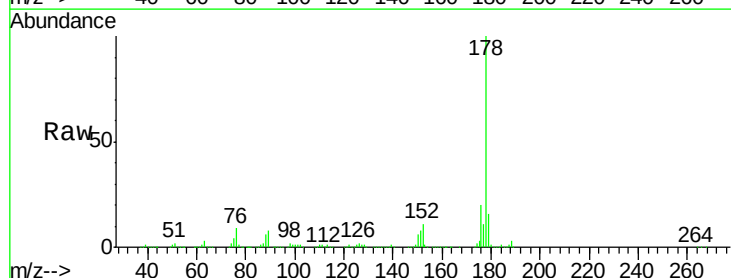


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

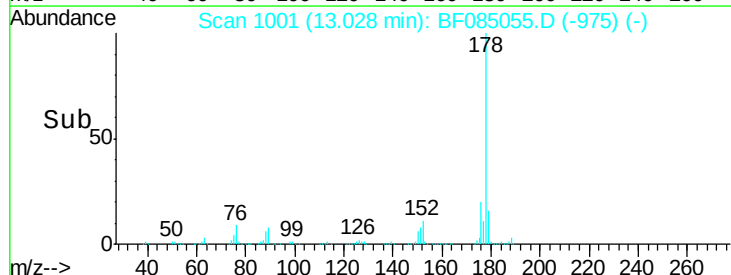
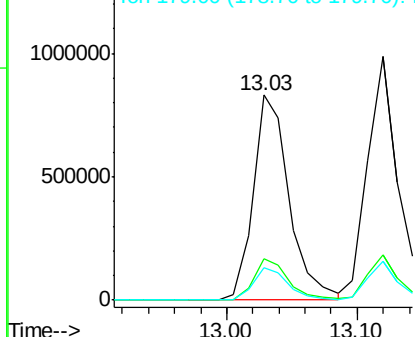


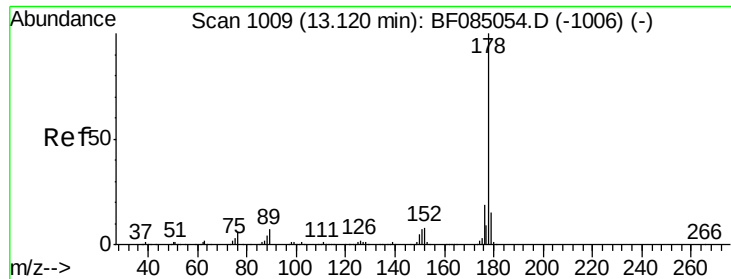
#70
 Phenanthrene
 Concen: 48.58 ng
 RT: 13.03 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1596880		
176	20.0	15.9	23.9	
179	15.8	13.1	19.7	



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





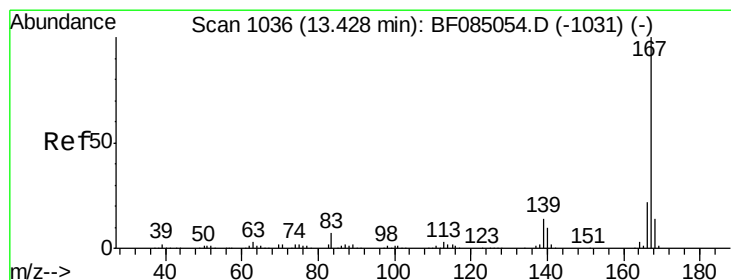
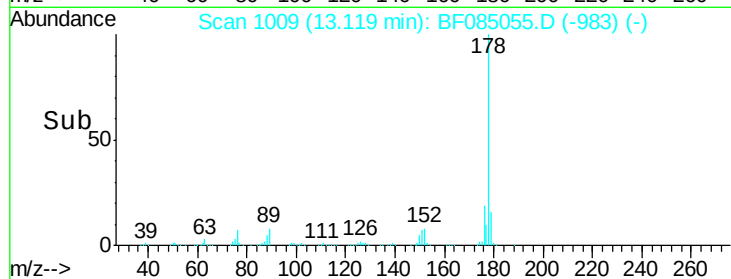
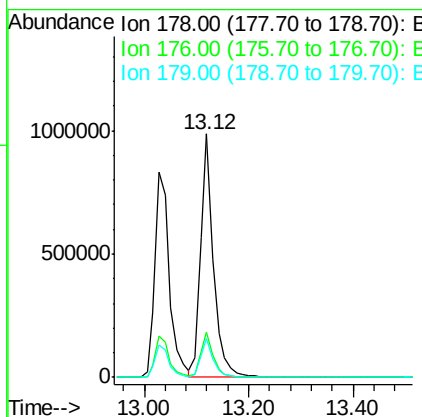
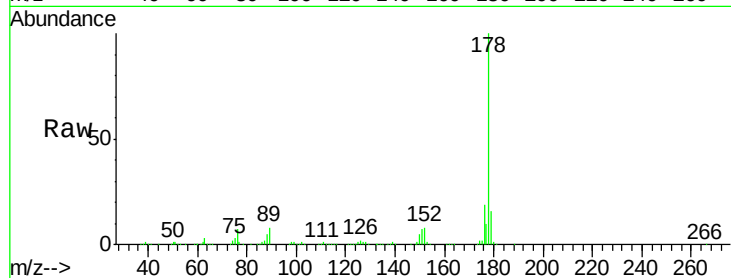
#71
 Anthracene
 Concen: 51.54 ng
 RT: 13.12 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1683966
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.7 12.2 18.2

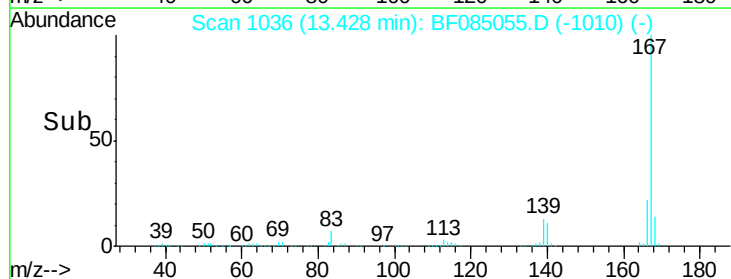
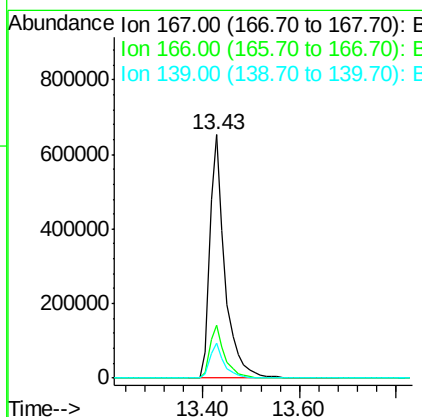
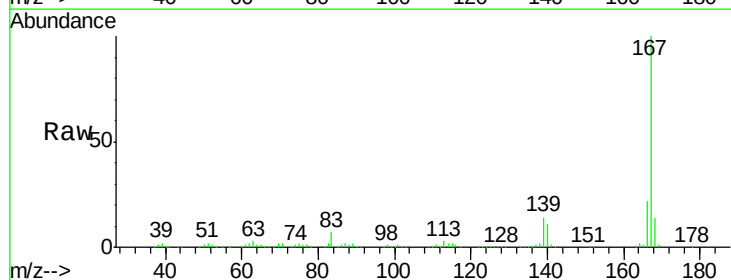
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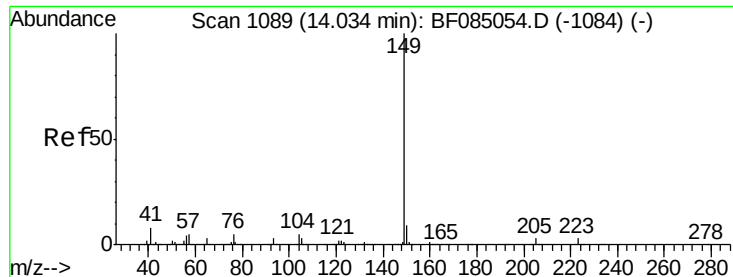
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#72
 Carbazole
 Concen: 50.19 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion:167 Resp: 1422462
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 14.1 11.0 16.6





#73

Di-n-butylphthalate

Concen: 48.93 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1795741

Ion Ratio Lower Upper

149 100

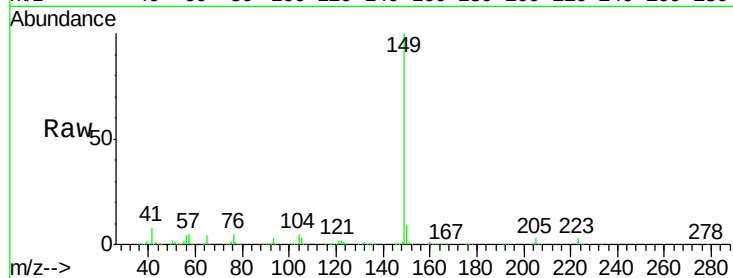
150 9.4 7.5 11.3

104 5.4 4.2 6.2

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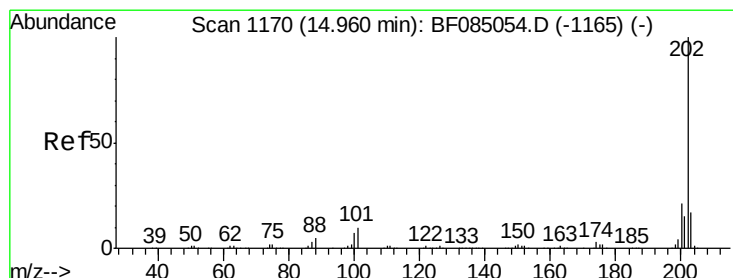
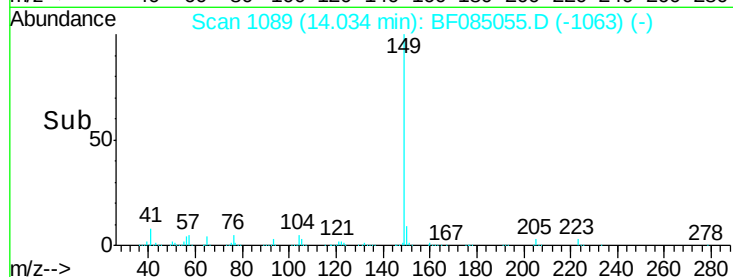
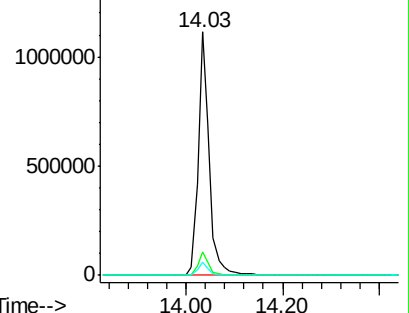
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Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.81 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

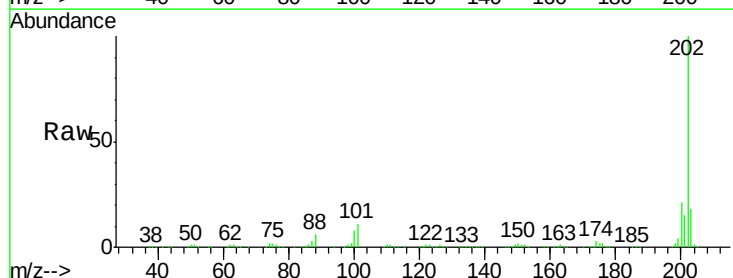
Tgt Ion:202 Resp: 1599187

Ion Ratio Lower Upper

202 100

101 10.8 0.0 29.8

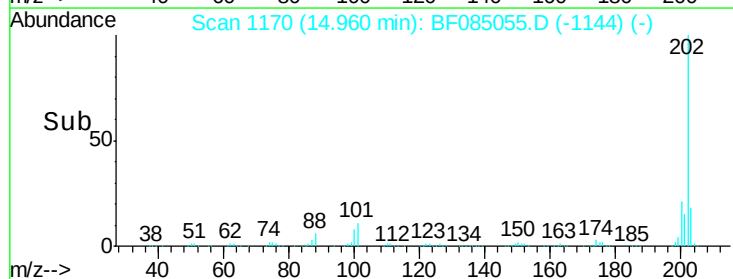
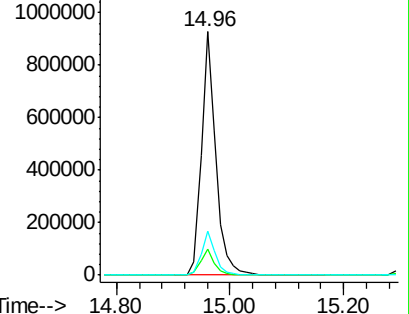
203 18.2 0.0 37.5

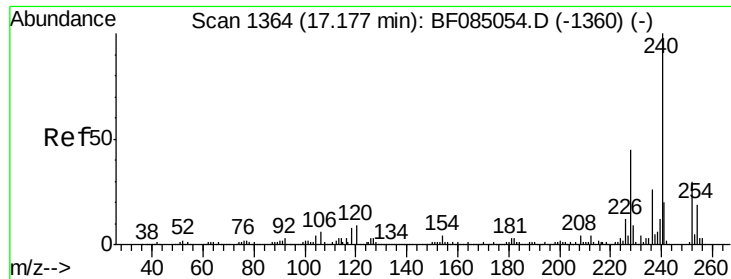


Abundance Ion 202.00 (201.70 to 202.70): E

1200000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

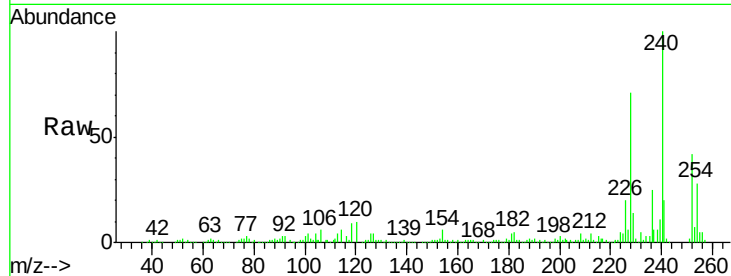
ClientSampleId :

SSTDICC050

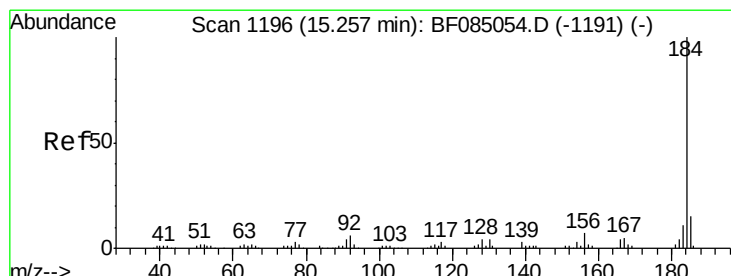
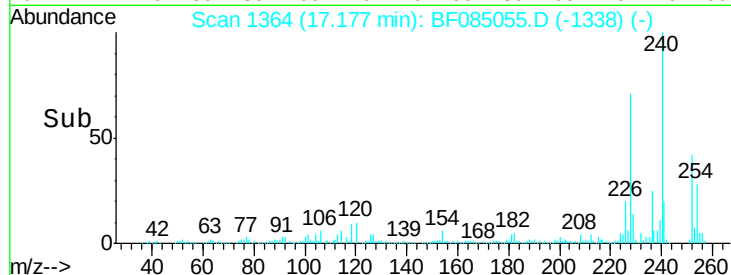
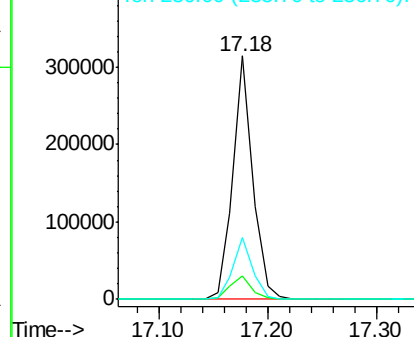
Tot Ion:	240	Resp:	397066
Ion Ratio	Lower	Upper	
240	100		
120	9.6	7.0	10.6
236	25.4	20.5	30.7

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



#76

Benzidine

Concen: 37.49 ng

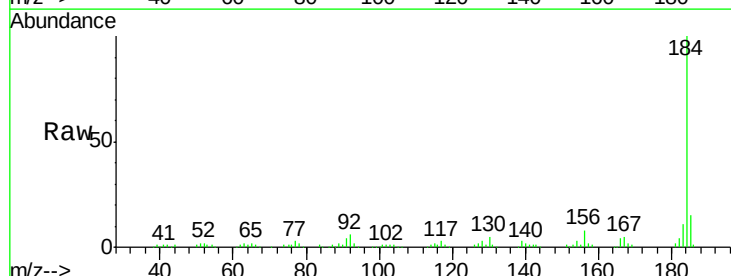
RT: 15.26 min Scan# 1196

Delta R.T. -0.00 min

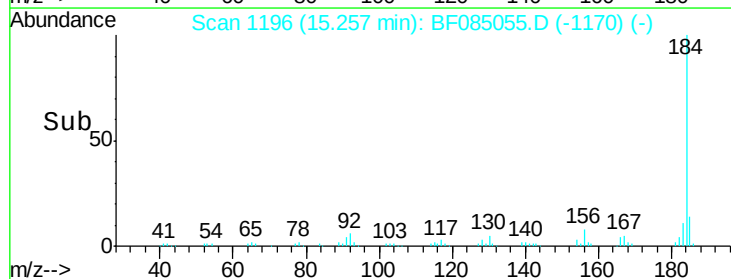
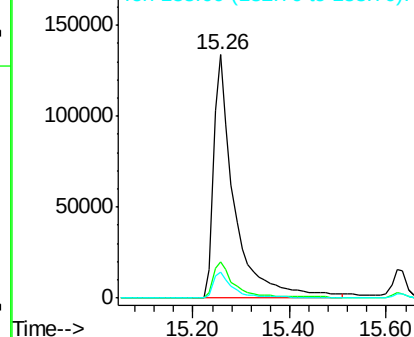
Lab File: BF085055.D

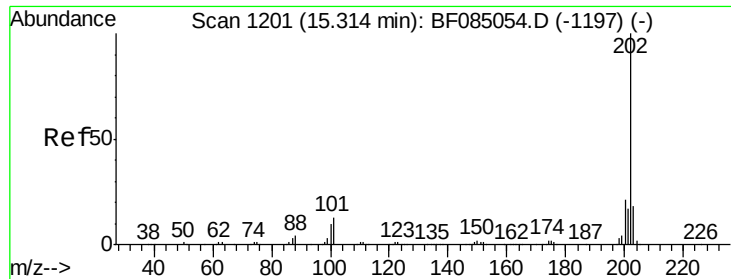
Acq: 12 Feb 2016 20:24

Tgt Ion:	184	Resp:	405616
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.8	17.8
183	10.6	8.6	12.8



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





#77

Pvrene

Concen: 53.17 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:202 Resp: 1612243

Ion Ratio Lower Upper

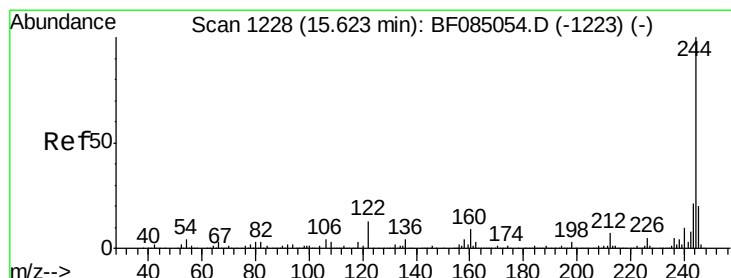
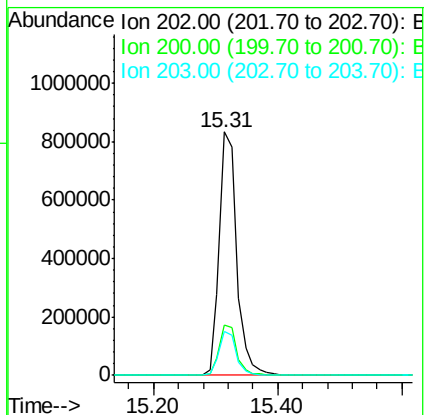
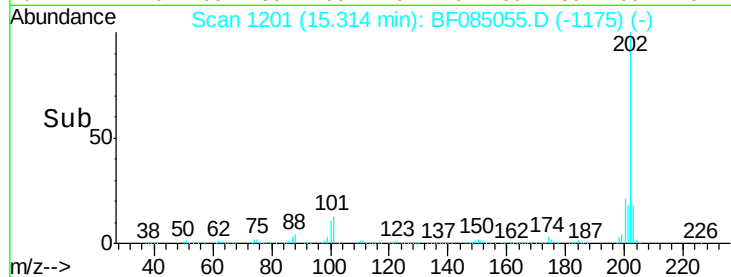
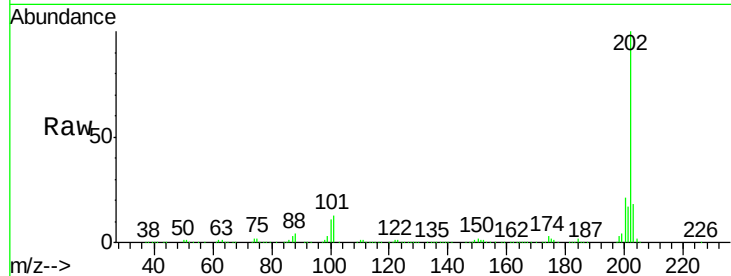
202 100

200 20.9 17.0 25.4

203 18.1 14.2 21.4

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#78

Terphenyl-d14

Concen: 108.20 ng

RT: 15.63 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

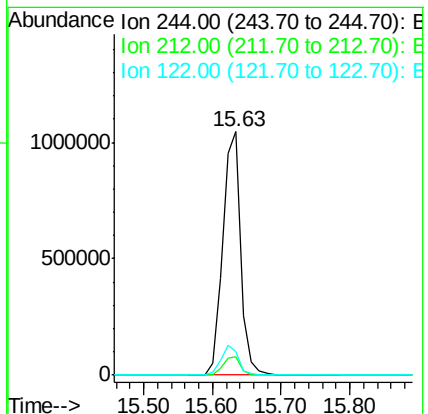
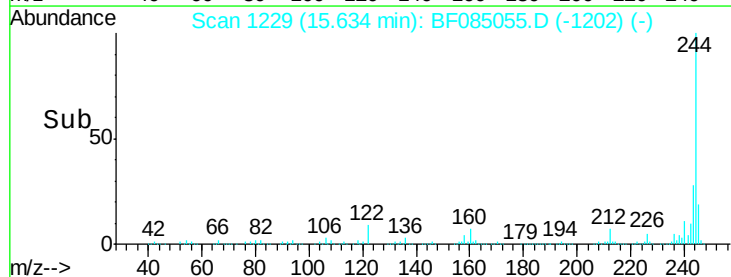
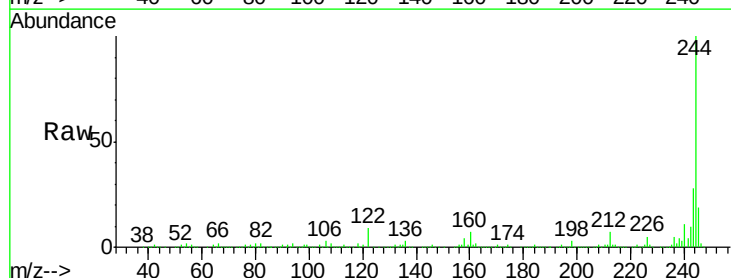
Tgt Ion:244 Resp: 1927925

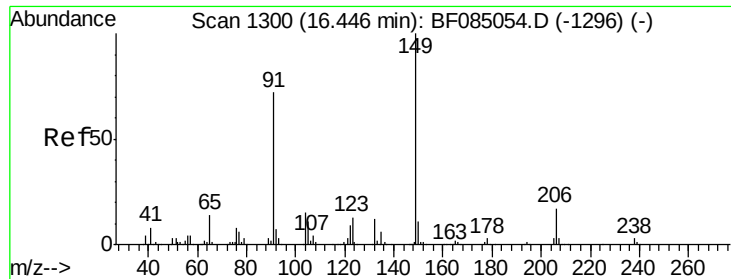
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.5 10.1 15.1#





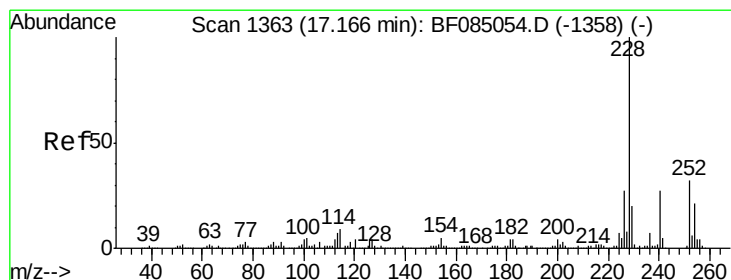
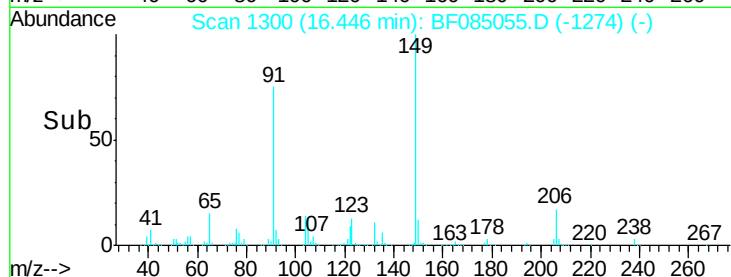
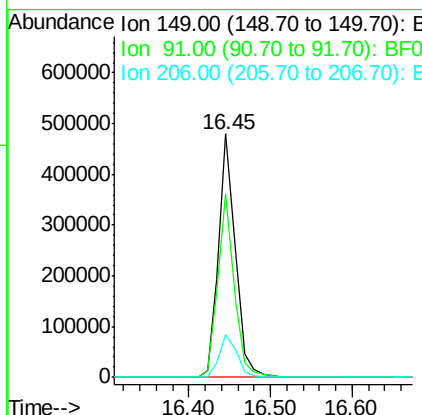
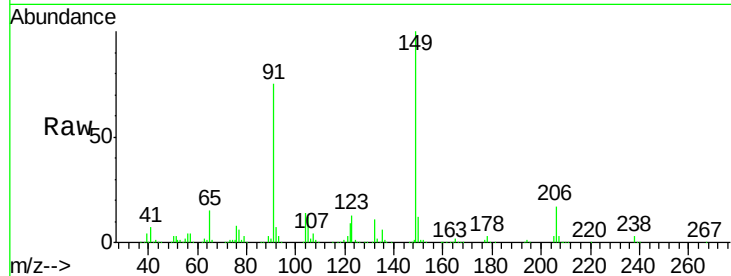
#79
Butylbenzylphthalate
Concen: 50.57 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	690152		
91	75.1	57.8	86.8	
206	17.4	13.8	20.8	

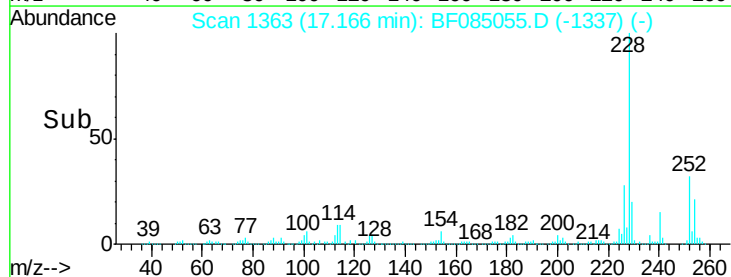
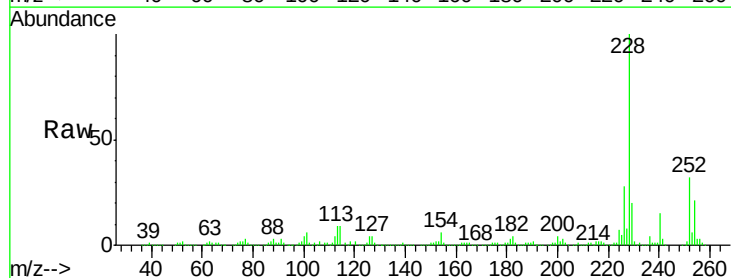
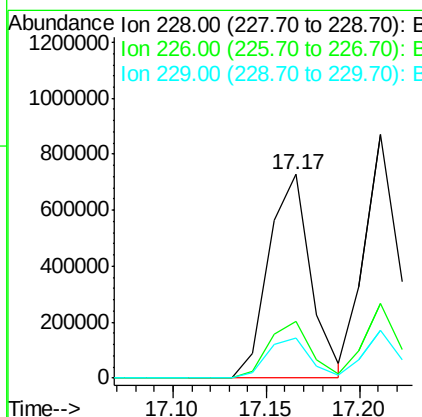
Manual Integrations
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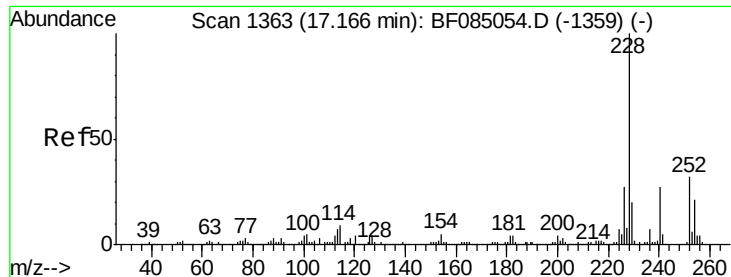
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#80
Benzo(a)anthracene
Concen: 46.57 ng
RT: 17.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF085055.D
Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1138822		
226	27.6	21.8	32.6	
229	20.0	15.8	23.8	





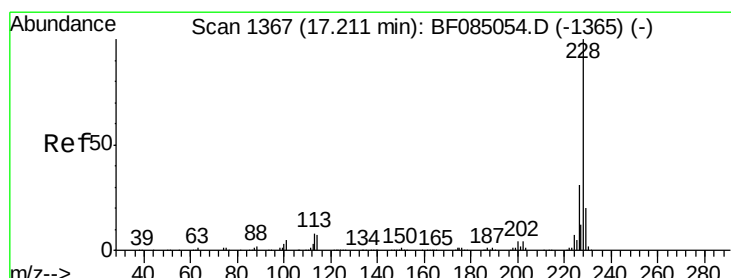
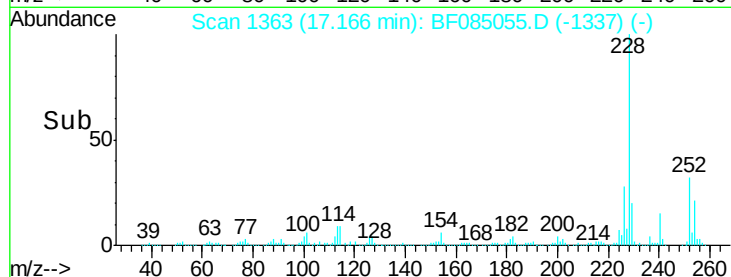
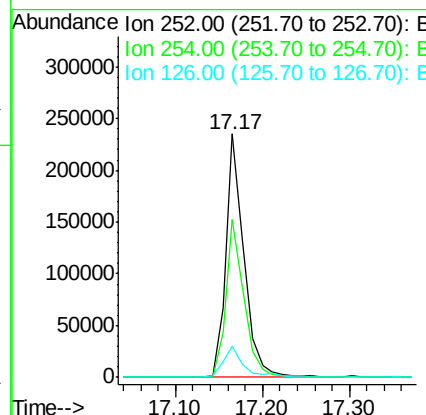
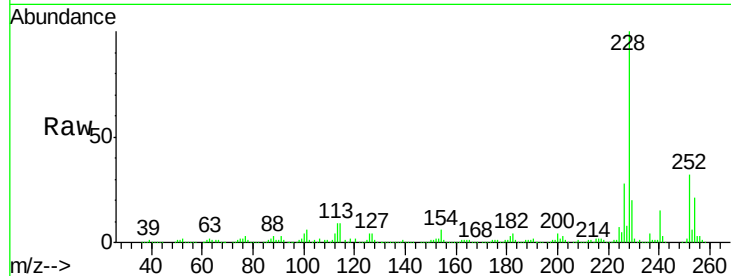
#81
 3,3'-Dichlorobenzidine
 Concen: 41.30 ng
 RT: 17.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.9	52.9	79.3	
126	12.8	10.6	16.0	

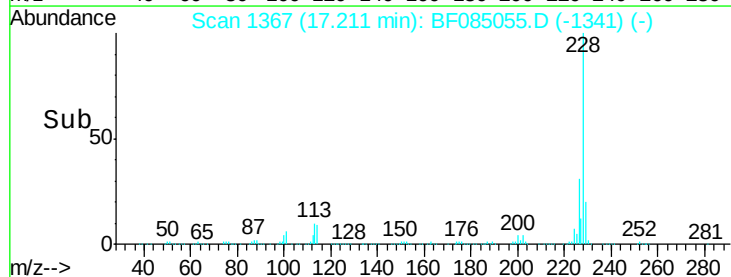
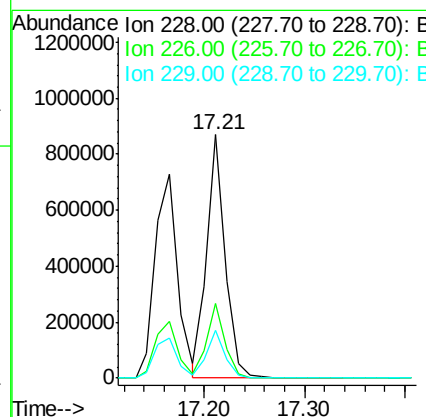
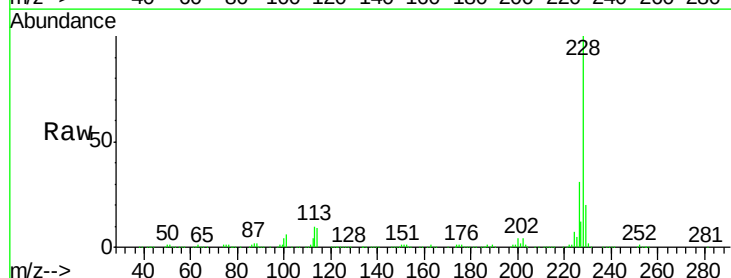
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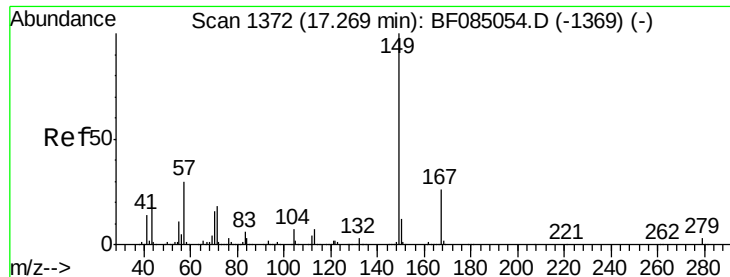
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#82
 Chrysene
 Concen: 46.99 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.5	24.3	36.5	
229	19.8	16.1	24.1	





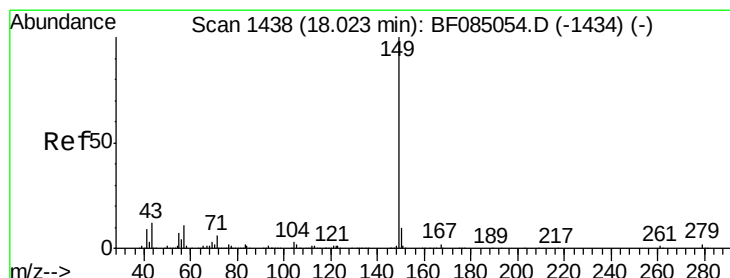
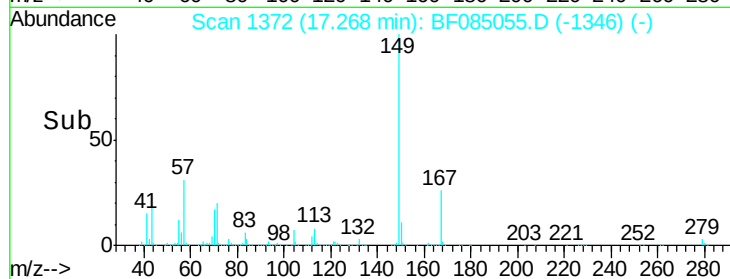
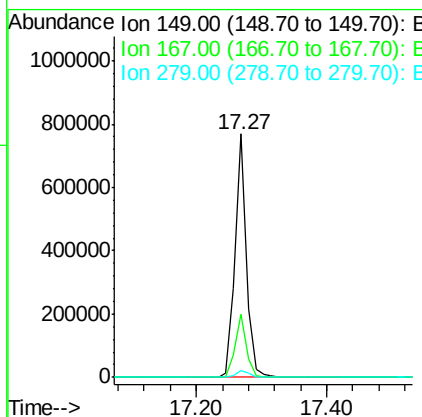
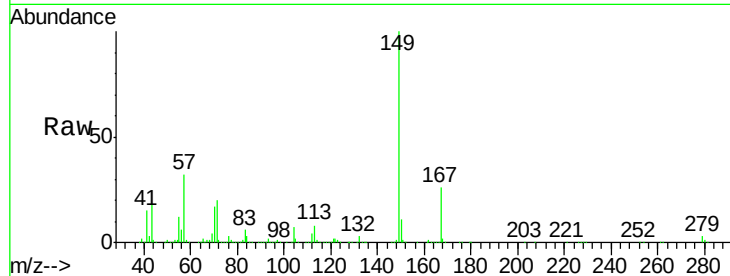
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.01 ng
 RT: 17.27 min Scan# 1372
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.6
279	2.8	2.4	3.6

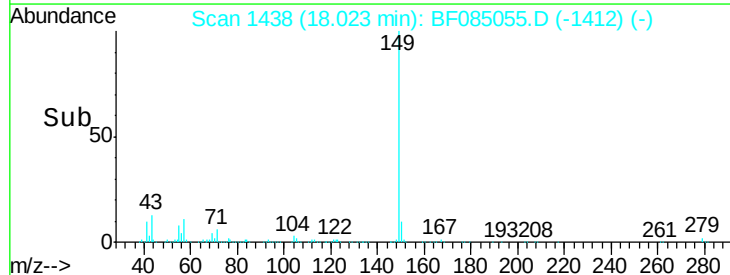
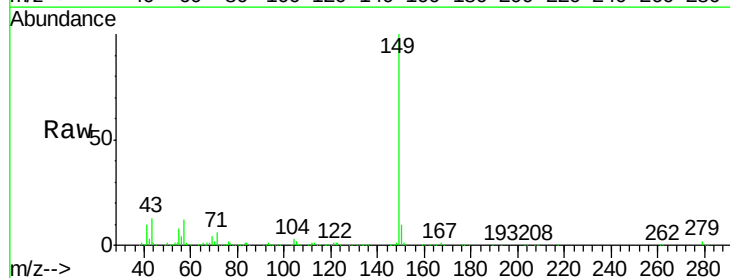
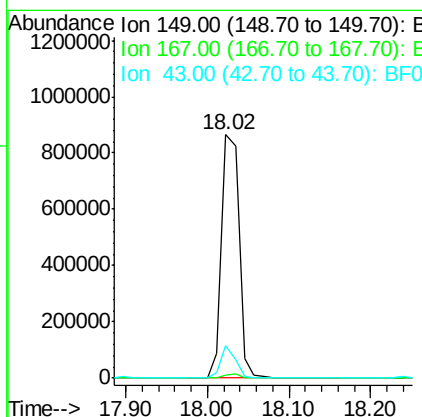
Manual Integrations
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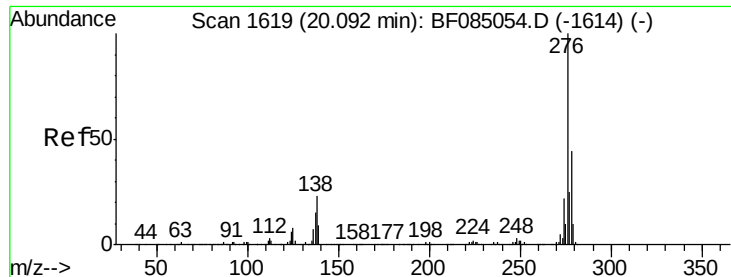
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 2/15/2016 4:43:00 PM



#84
 Di-n-octyl phthalate
 Concen: 46.22 ng
 RT: 18.02 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.1	9.0	13.6





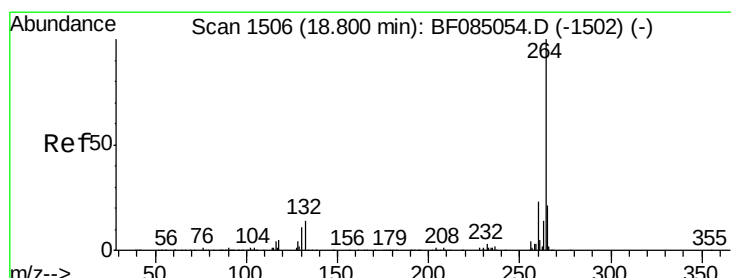
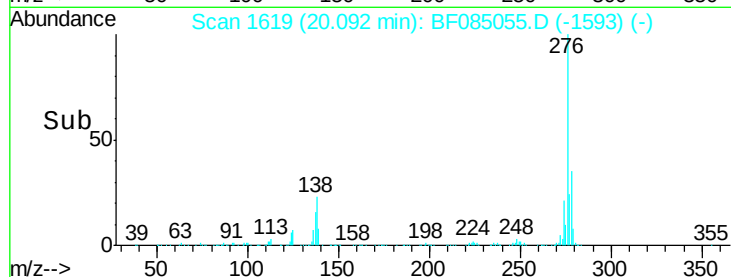
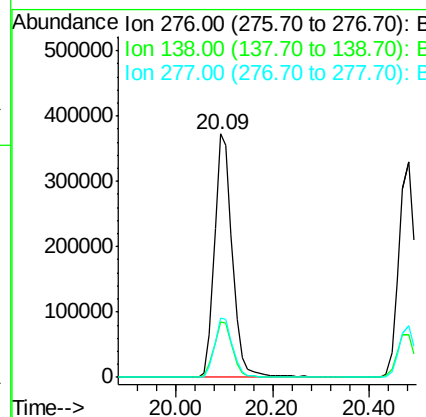
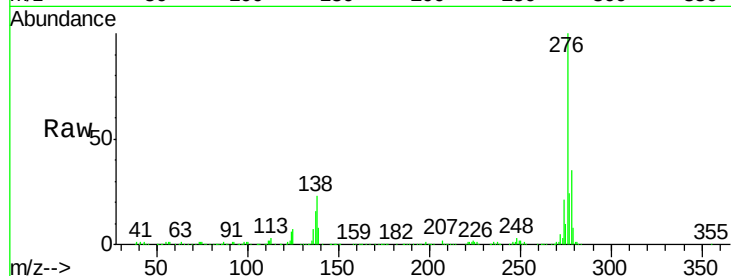
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.96 ng
 RT: 20.09 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.0	28.4
277	24.7	20.0	30.0

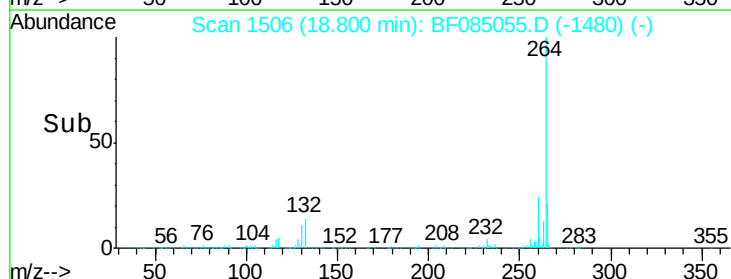
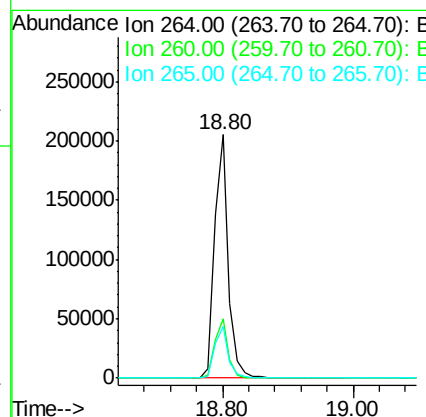
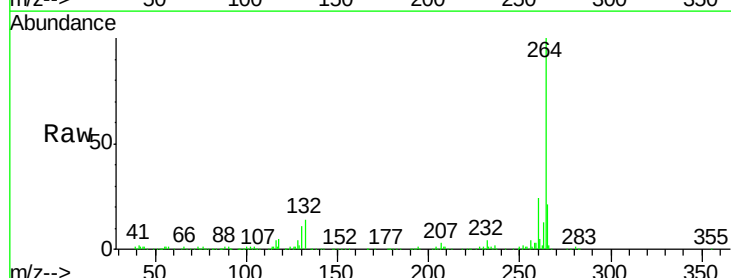
Manual Integrations
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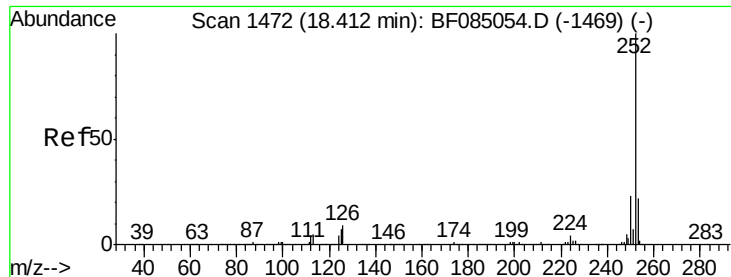
Sohil
 2/15/2016 4:43:00 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.80 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF085055.D
 Acq: 12 Feb 2016 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.0	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 44.39 ng

RT: 18.41 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

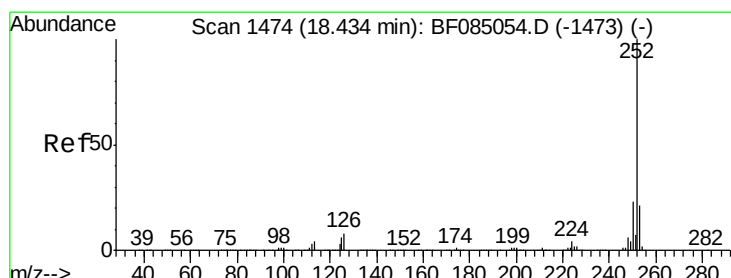
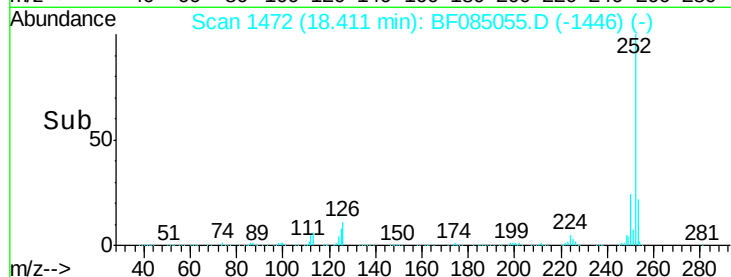
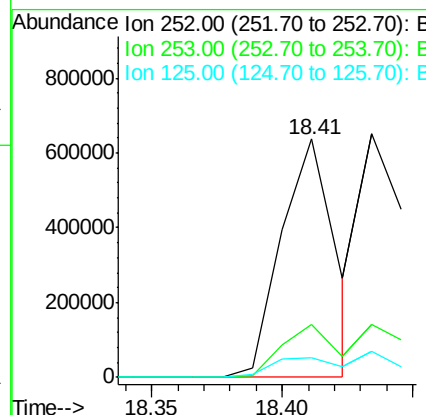
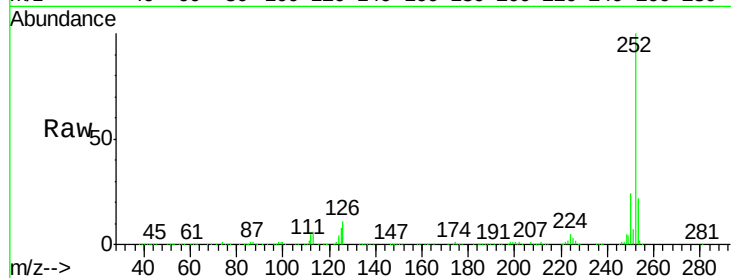
ClientSampleId :

SSTDIC050

Tot Ion:	252	Resp:	905399
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	8.3	5.4	8.2#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 49.14 ng m

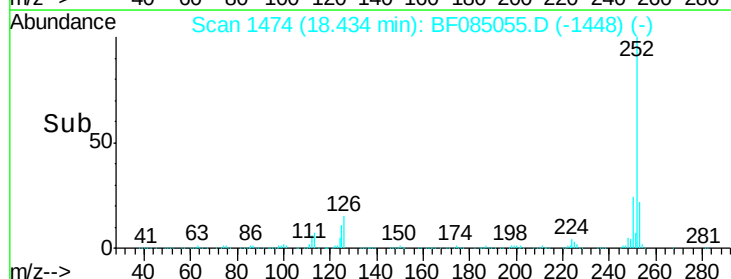
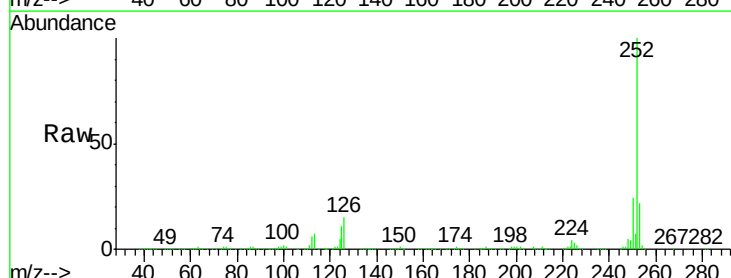
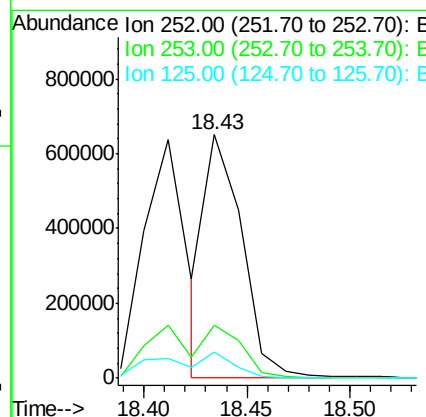
RT: 18.43 min Scan# 1474

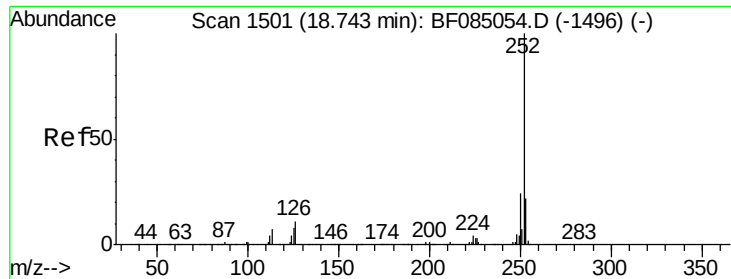
Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	252	Resp:	819820
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	10.5	7.2	10.8





#89

Benzo(a)pyrene

Concen: 47.68 ng

RT: 18.74 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Instrument :

BNA_F

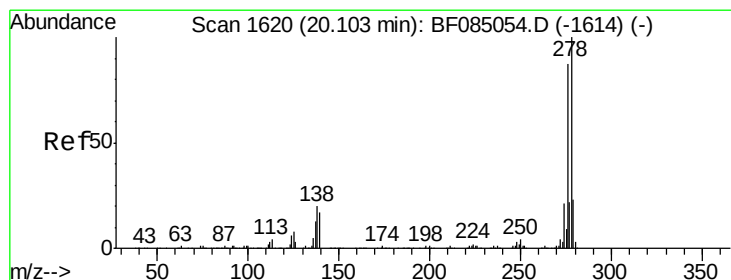
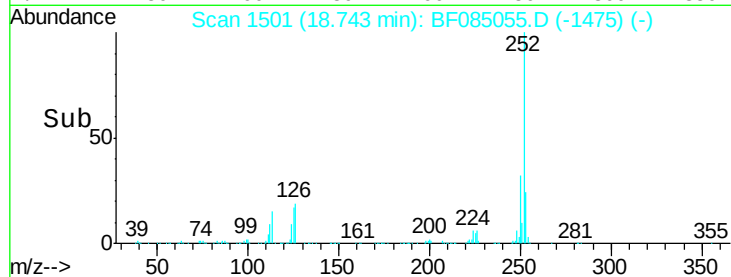
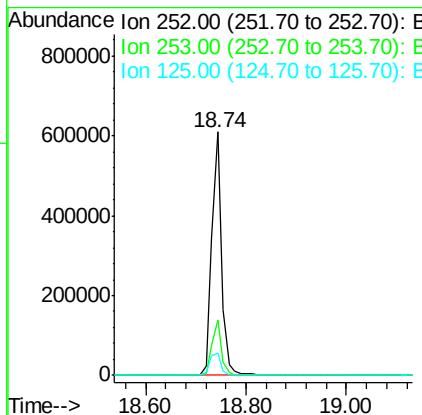
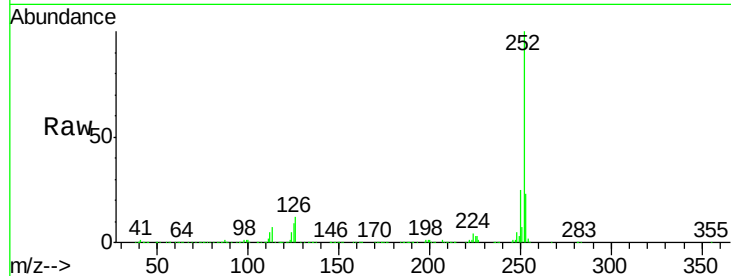
ClientSampleId :

SSTDICC050

Tot Ion:	252	Resp:	821608
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.7	26.5
125	9.0	6.1	9.1

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 53.70 ng

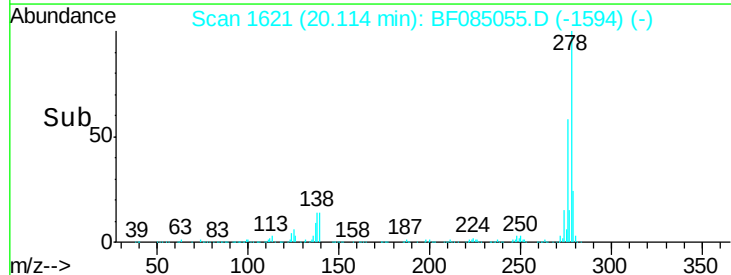
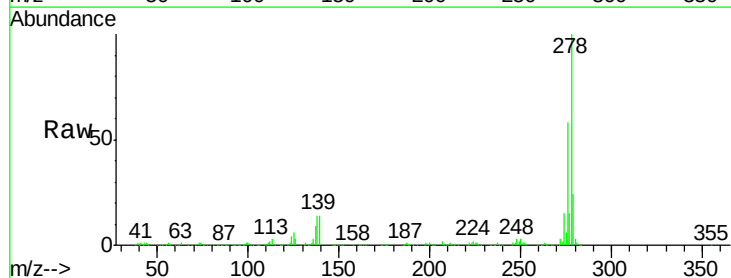
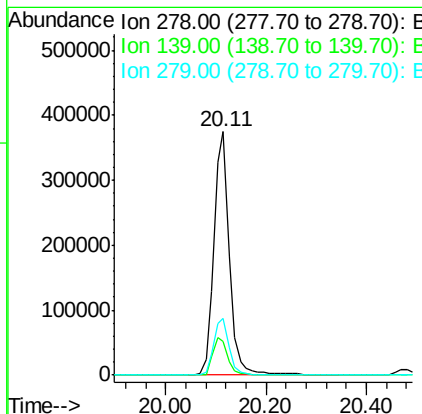
RT: 20.11 min Scan# 1621

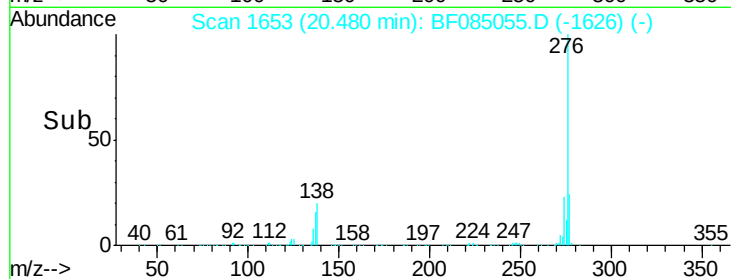
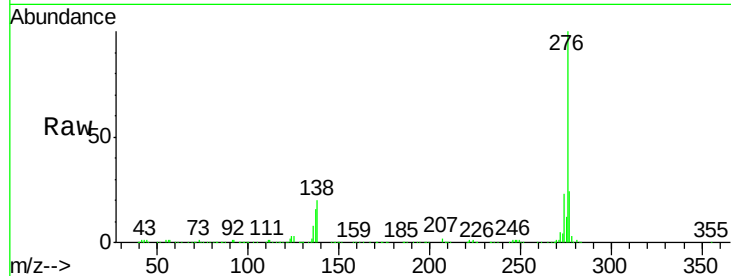
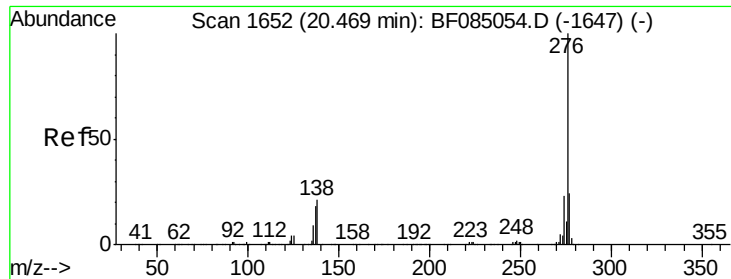
Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tgt Ion:	278	Resp:	798579
Ion Ratio	Lower	Upper	
278	100		
139	14.0	13.3	19.9
279	23.5	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 55.01 ng

RT: 20.48 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BF085055.D

Acq: 12 Feb 2016 20:24

Tot Ion:	276	Resp:	824032
Ion Ratio		Lower	Upper
276	100		
277	24.1	19.1	28.7
138	19.5	16.6	24.8

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations
APPROVED

Sohil
2/15/2016 4:43:00 PM

