

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086362.D
 Acq On : 23 Apr 2016 00:55
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:40 PM

Quant Time: Apr 23 01:28:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	166890	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	717661	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	350177	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	626644	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	499939	20.00	ng	0.00
86) Perylene-d12	15.40	264	460378	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	776192	80.32	ng	0.00
7) Phenol-d6	6.48	99	1039855	79.15	ng	0.00
23) Nitrobenzene-d5	7.41	82	969454	80.02	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	260513	82.18	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1626423	79.26	ng	0.00
78) Terphenyl-d14	12.95	244	1517589	75.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	196358	36.74	ng	98
3) Pyridine	3.14	79	536783	42.15	ng	95
4) n-Nitrosodimethylamine	3.07	42	183596	38.01	ng	100
6) Aniline	6.50	93	660235	41.18	ng	95
8) 2-Chlorophenol	6.62	128	459166	38.92	ng	97
9) Benzaldehyde	6.38	77	331643	41.56	ng	98
10) Phenol	6.49	94	605272	39.02	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	505394	37.42	ng	97
12) 1,3-Dichlorobenzene	6.78	146	505325	40.16	ng	97
13) 1,4-Dichlorobenzene	6.86	146	522820	37.83	ng	98
14) 1,2-Dichlorobenzene	7.01	146	496722	39.55	ng	98
15) Benzyl Alcohol	6.99	79	304598	39.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	665438	37.59	ng	99
17) 2-Methylphenol	7.09	107	369765	38.25	ng	96
18) Hexachloroethane	7.36	117	177712	38.17	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	298559	38.03	ng	98
20) 3+4-Methylphenols	7.25	107	411770	40.18	ng	98
22) Acetophenone	7.25	105	568563	37.76	ng	99
24) Nitrobenzene	7.42	77	505269	38.88	ng	97
25) Isophorone	7.66	82	862604	36.33	ng	100
26) 2-Nitrophenol	7.74	139	268894	41.88	ng	98
27) 2,4-Dimethylphenol	7.78	122	415104	37.76	ng	92
28) bis(2-Chloroethoxy)methane	7.88	93	524223	39.54	ng	100
29) 2,4-Dichlorophenol	7.98	162	385266	42.39	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	392304	39.74	ng	99
31) Naphthalene	8.14	128	1366948	37.39	ng	99
32) Benzoic acid	7.89	122	257357	36.61	ng	94
33) 4-Chloroaniline	8.20	127	575132	40.39	ng	99
34) Hexachlorobutadiene	8.27	225	193189	39.19	ng	98
35) Caprolactam	8.57	113	123824	37.97	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	421690	39.04	ng	95
37) 2-Methylnaphthalene	8.84	142	853978	40.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	343408	37.91	ng	99
40) Hexachlorocyclopentadiene	8.99	237	176043	39.78	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	246866	41.56	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	273503	37.39	nq	# 85
45) 1,1'-Biphenyl	9.31	154	1039077	38.25	nq	99
46) 2-Chloronaphthalene	9.33	162	827777	38.49	nq	98
47) 2-Nitroaniline	9.42	65	276397	41.28	nq	97
48) Acenaphthylene	9.74	152	1375238	39.44	nq	99
49) Dimethylphthalate	9.61	163	999364	39.50	nq	100
50) 2,6-Dinitrotoluene	9.66	165	224583	41.10	nq	93
51) Acenaphthene	9.92	154	849499	39.66	nq	99
52) 3-Nitroaniline	9.84	138	288765	42.21	nq	98
53) 2,4-Dinitrophenol	9.94	184	111224	39.15	nq	93
54) Dibenzofuran	10.09	168	1091601	39.69	nq	98
55) 4-Nitrophenol	10.00	139	195913	40.93	nq	96
56) 2,4-Dinitrotoluene	10.06	165	290786	40.07	nq	94
57) Fluorene	10.43	166	869128	38.56	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	219406	41.04	nq	95
59) Diethylphthalate	10.30	149	953008	39.34	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	371536	37.69	nq	95
61) 4-Nitroaniline	10.45	138	282364	40.33	nq	97
62) Azobenzene	10.58	77	972708	38.72	nq	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	161501	42.18	nq	89
65) n-Nitrosodiphenylamine	10.54	169	771177	39.91	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	249466	40.66	nq	93
67) Hexachlorobenzene	10.97	284	248923	38.02	nq	# 59
68) Atrazine	11.07	200	248982	41.73	nq	99
69) Pentachlorophenol	11.16	266	166817	43.39	nq	98
70) Phenanthrene	11.39	178	1236531	39.27	nq	98
71) Anthracene	11.44	178	1400634	38.82	nq	100
72) Carbazole	11.60	167	1363375	40.23	nq	99
73) Di-n-butylphthalate	11.93	149	1480368	41.53	nq	100
74) Fluoranthene	12.57	202	1325762	39.04	nq	98
76) Benzidine	12.69	184	834317	40.70	nq	99
77) Pyrene	12.80	202	1323867	37.97	nq	100
79) Butylbenzylphthalate	13.43	149	641648	39.50	nq	97
80) Benzo(a)anthracene	13.99	228	955083	36.80	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	688369	38.45	nq	98
82) Chrysene	14.02	228	1147295	39.24	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	703763	38.69	nq	99
84) Di-n-octyl phthalate	14.59	149	1374252	39.36	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	943360	36.29	nq	100
87) Benzo(b)fluoranthene	15.00	252	892393m	35.31	nq	
88) Benzo(k)fluoranthene	15.04	252	1137886m	45.88	nq	
89) Benzo(a)pyrene	15.36	252	969235	38.88	nq	99
90) Dibenzo(a,h)anthracene	16.81	278	780564	37.96	nq	96
91) Benzo(g,h,i)perylene	17.20	276	790138	37.22	nq	99

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

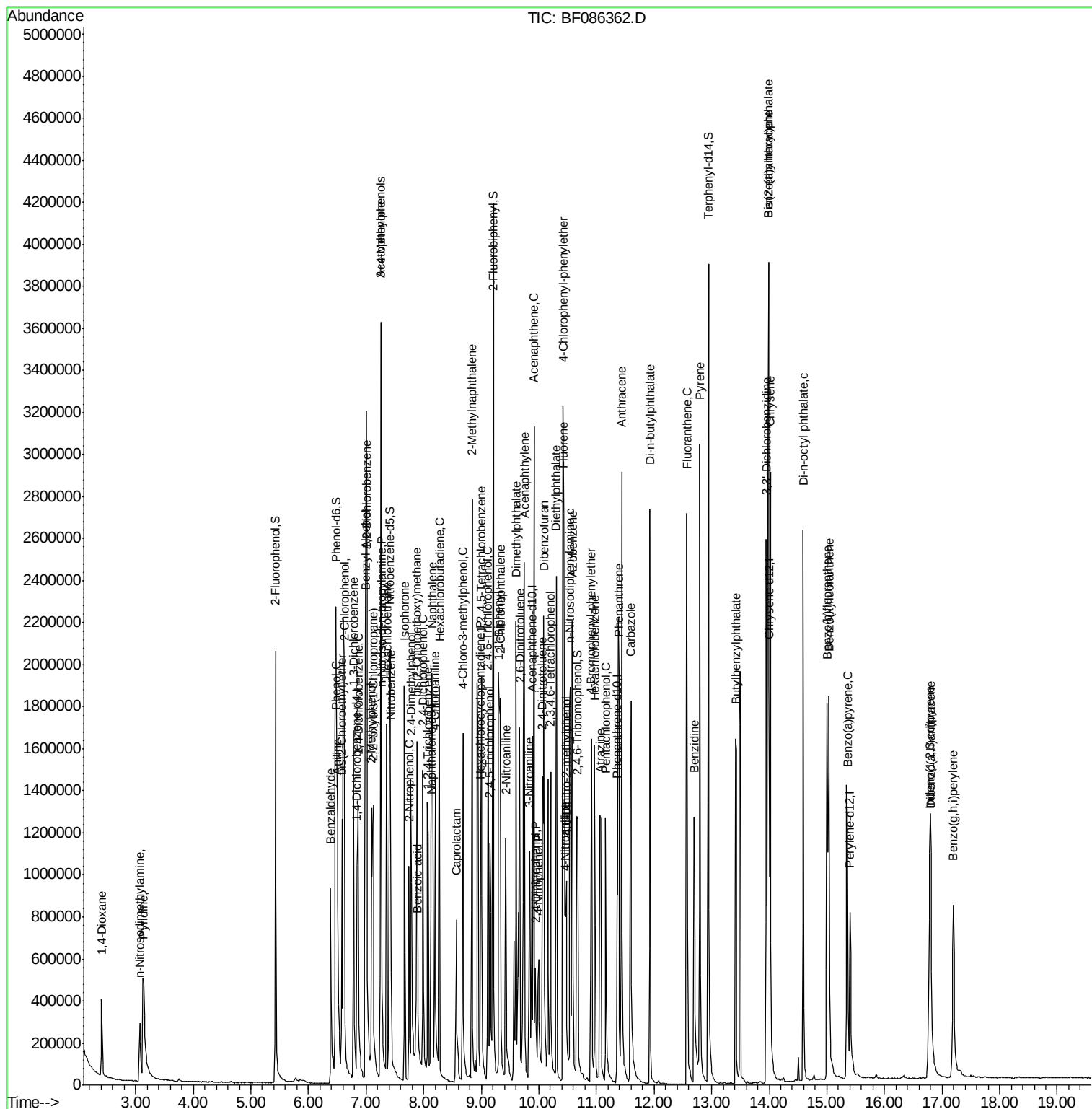
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\  
Data File : BF086362.D  
Acq On    : 23 Apr 2016  00:55  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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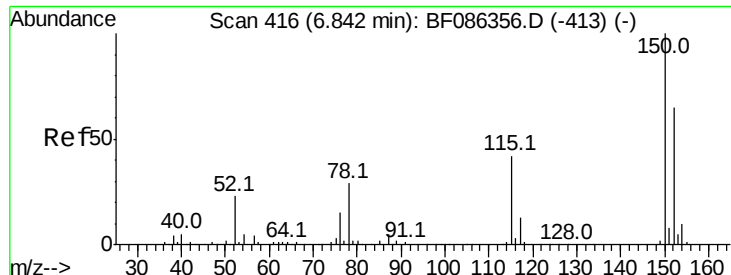
Instrument :
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#1

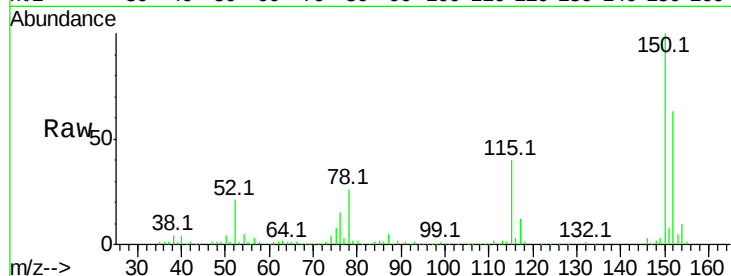
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

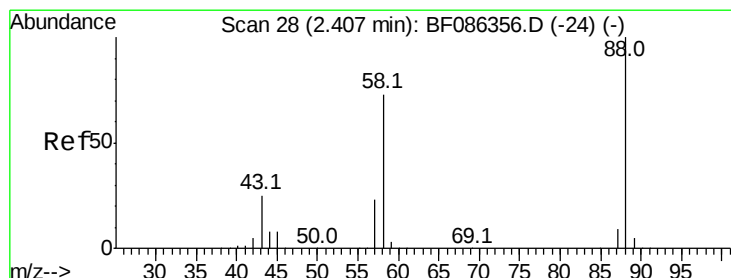
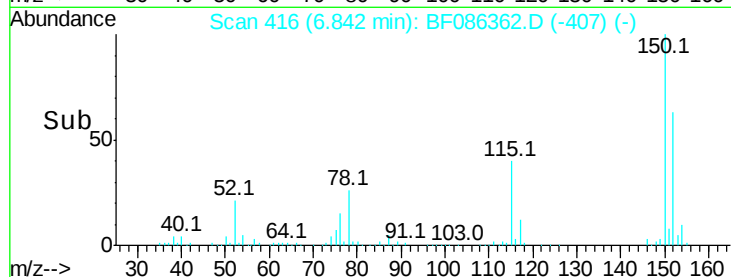
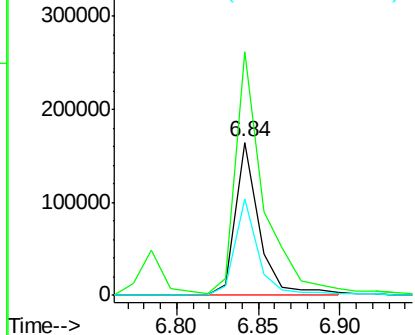
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.8	188.6
115	63.3	51.5	77.3

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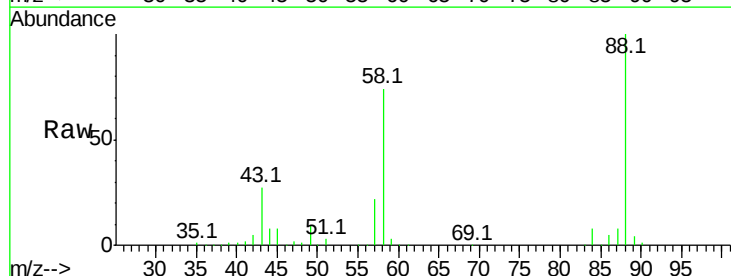
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



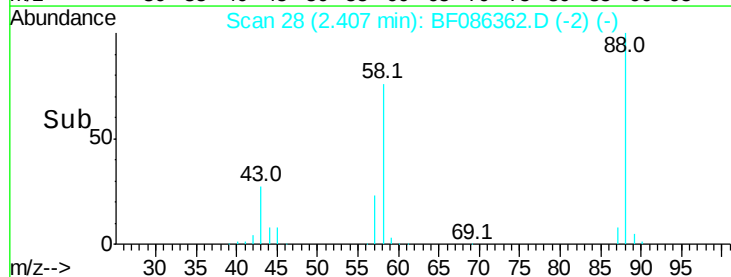
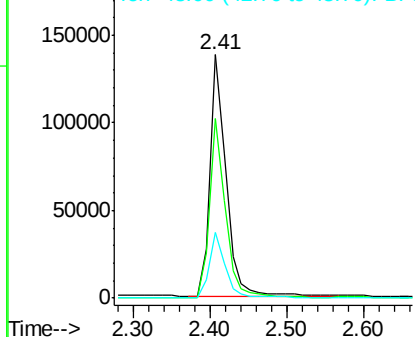
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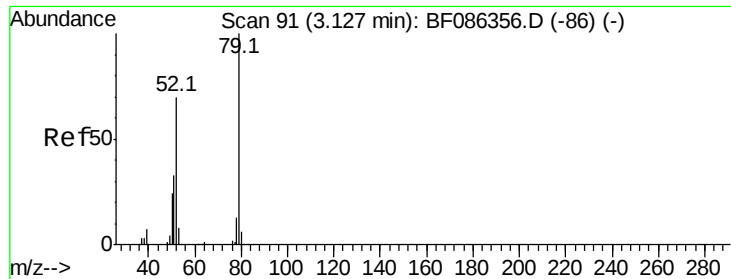
1,4-Dioxane
Concen: 36.74 ng
RT: 2.41 min Scan# 28
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	59.6	89.4
43	28.5	21.8	32.6



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.15 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.01 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

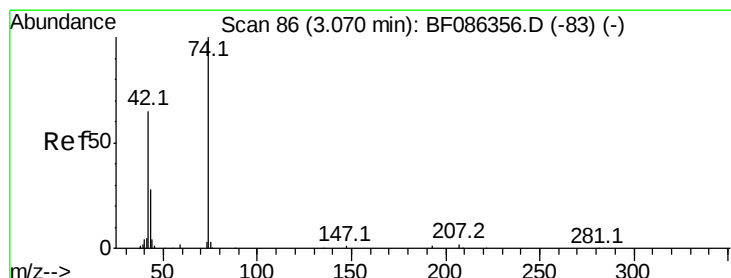
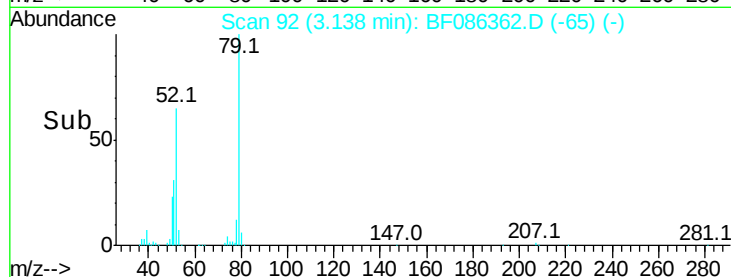
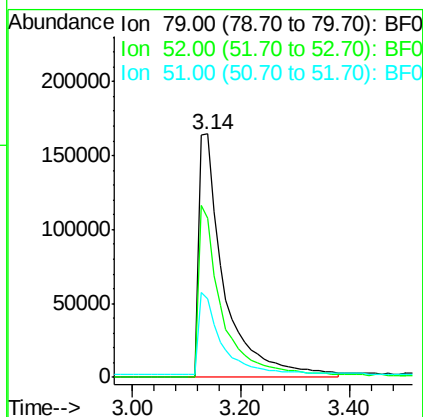
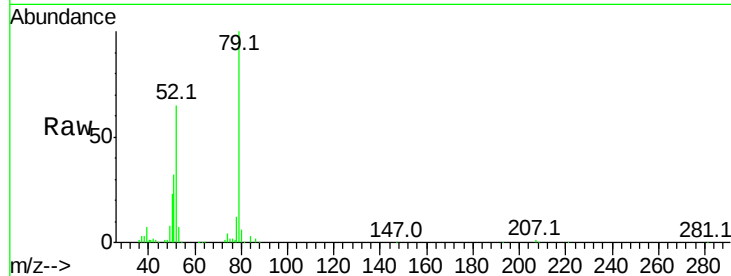
ClientSampleId :

SSTDCCC040

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Tot Ion:	79	Resp:	536783
Ion Ratio	Lower	Upper	
79	100		
52	65.4	55.9	83.9
51	32.3	28.1	42.1



#4

n-Nitrosodimethylamine

Concen: 38.01 ng

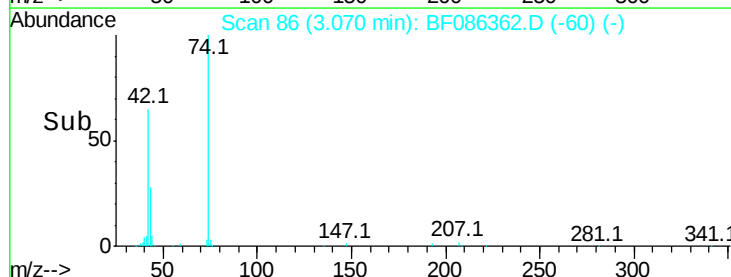
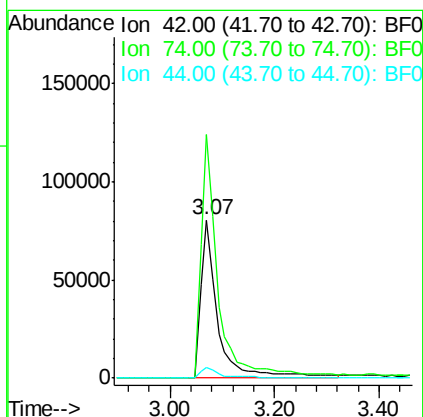
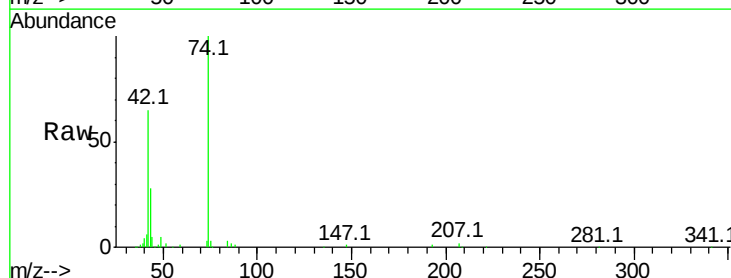
RT: 3.07 min Scan# 86

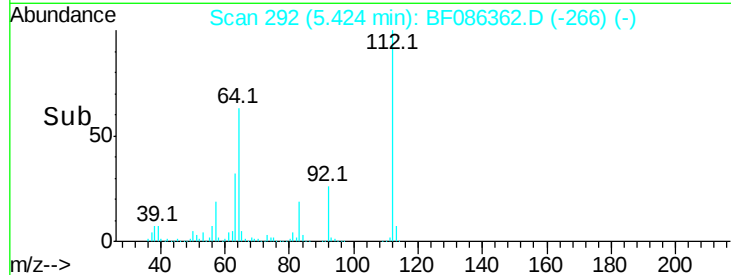
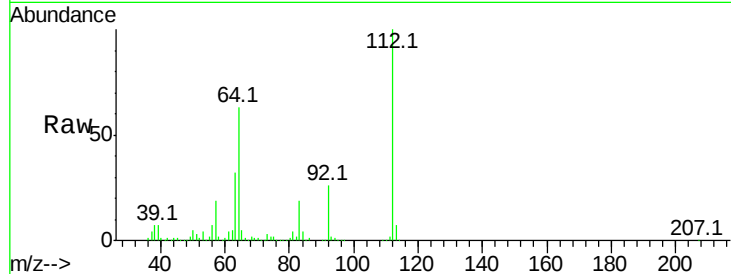
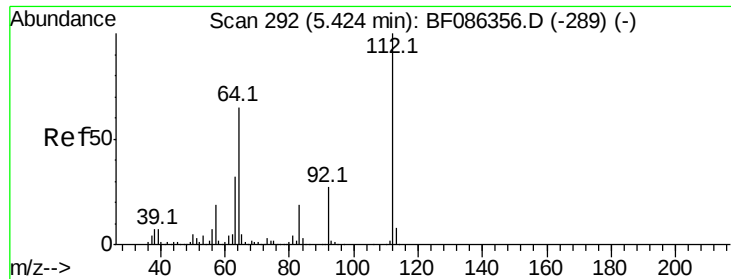
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	42	Resp:	183596
Ion Ratio	Lower	Upper	
42	100		
74	154.2	123.4	185.0
44	7.0	5.8	8.6





#5

2-Fluorophenol

Concen: 80.32 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

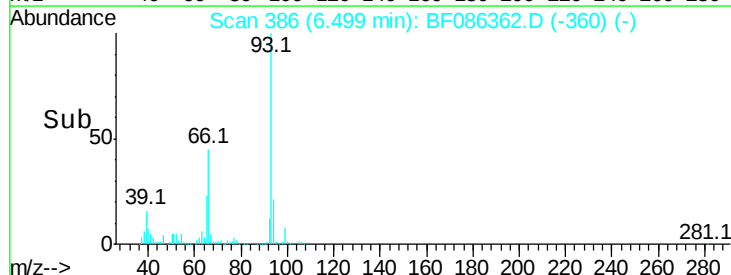
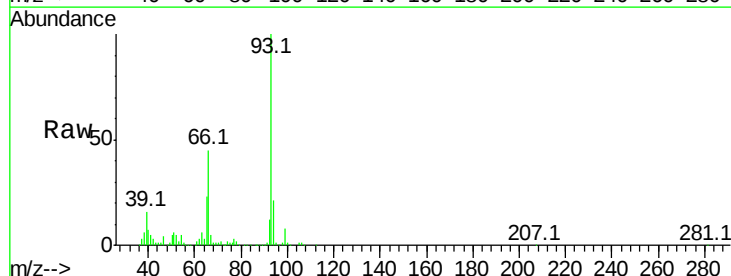
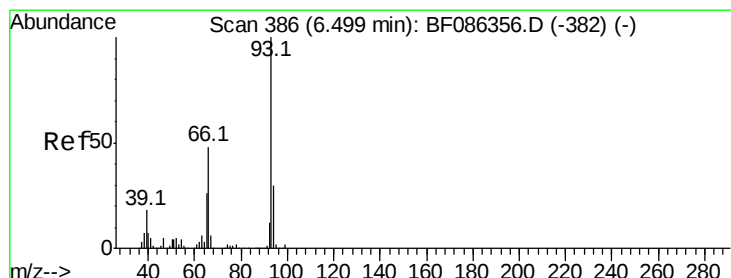
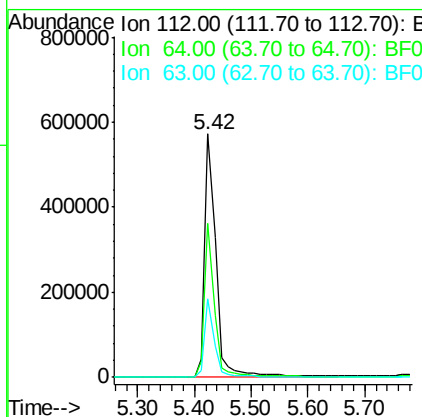
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	776192
Ion Ratio	Lower	Upper	
112	100		
64	63.1	52.1	78.1
63	32.0	25.7	38.5

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#6

Aniline

Concen: 41.18 ng

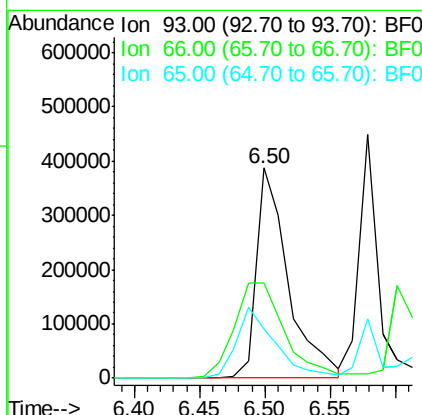
RT: 6.50 min Scan# 386

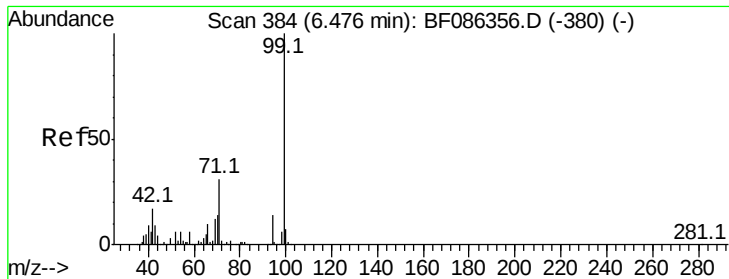
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	93	Resp:	660235
Ion Ratio	Lower	Upper	
93	100		
66	45.2	39.0	58.6
65	23.4	20.6	31.0





#7

Phenol-d6

Concen: 79.15 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

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Tot Ion: 99 Resp: 1039855

Ion Ratio Lower Upper

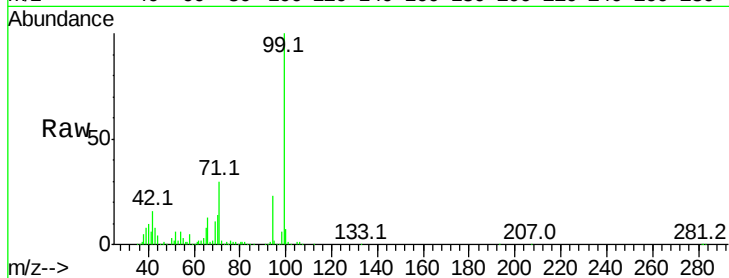
99 100

42 16.0 13.6 20.4

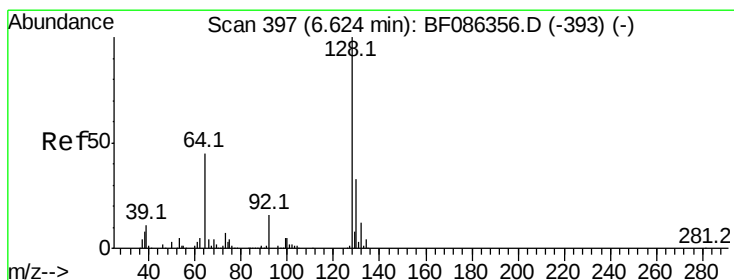
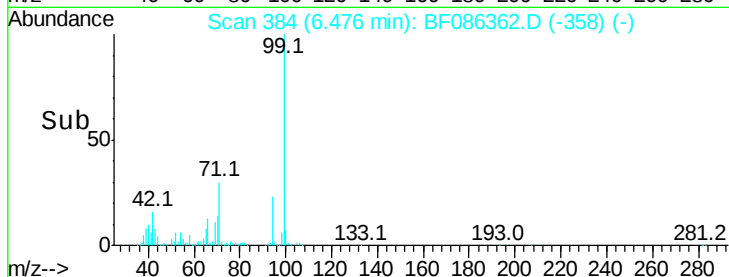
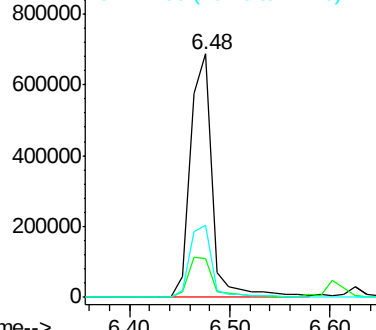
71 29.6 24.6 36.8

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



#8

2-Chlorophenol

Concen: 38.92 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

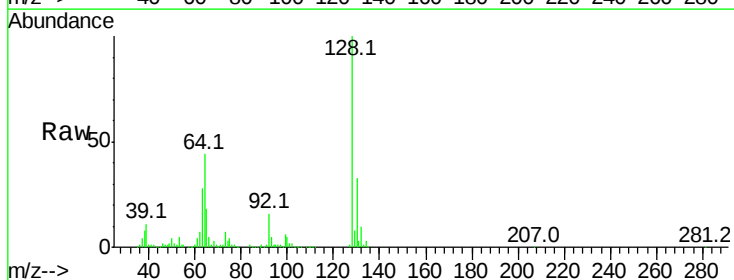
Tgt Ion: 128 Resp: 459166

Ion Ratio Lower Upper

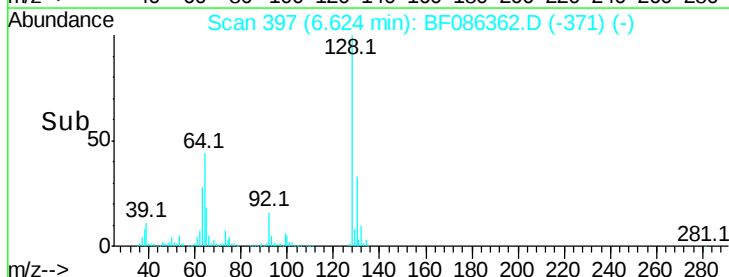
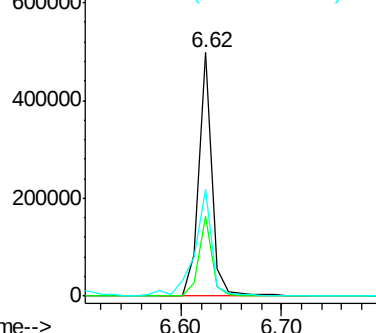
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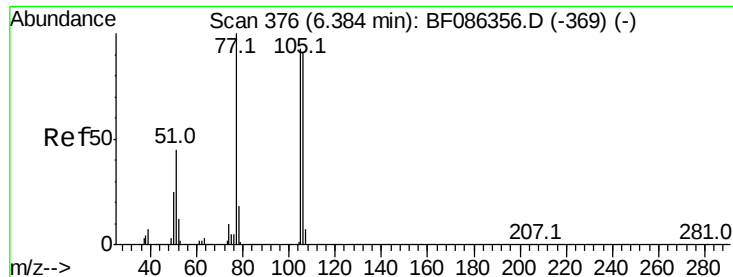
130 32.6 12.5 52.5

64 44.1 27.3 67.3



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: 41.56 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

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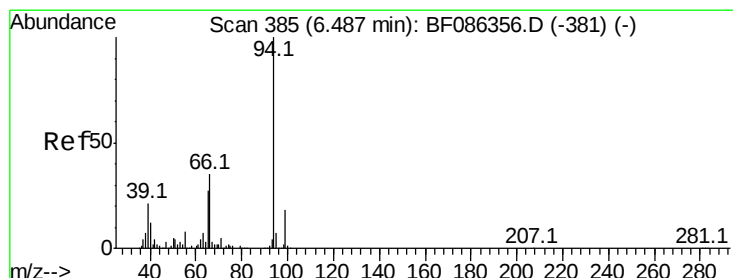
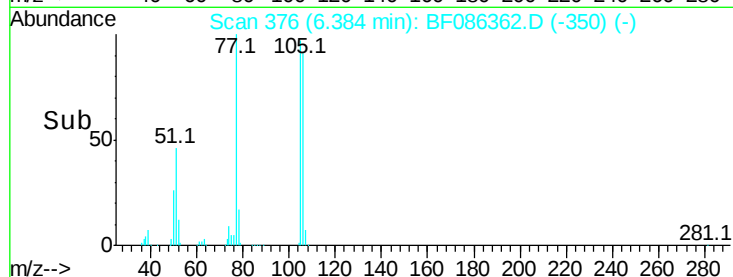
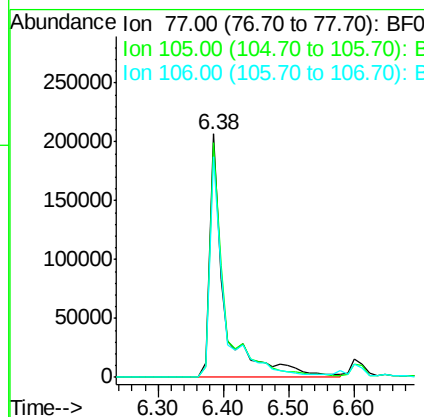
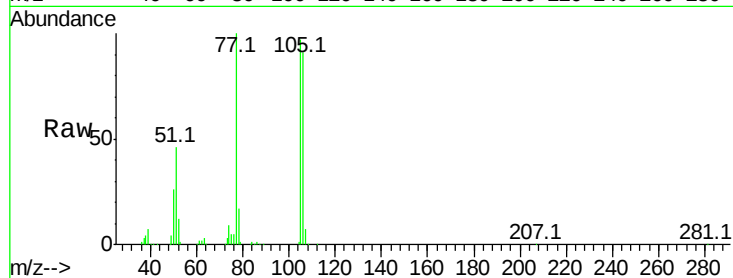
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	331643
Ion Ratio	Lower	Upper	
77	100		
105	96.6	72.7	112.7
106	90.8	70.8	110.8

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#10

Phenol

Concen: 39.02 ng

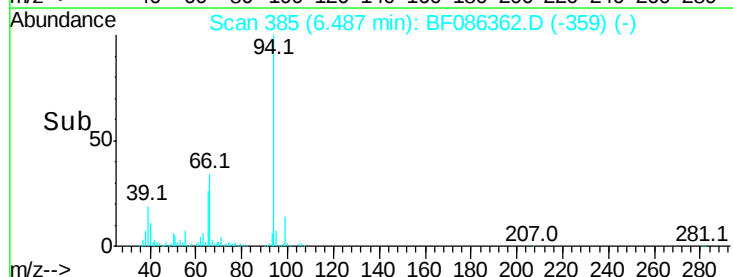
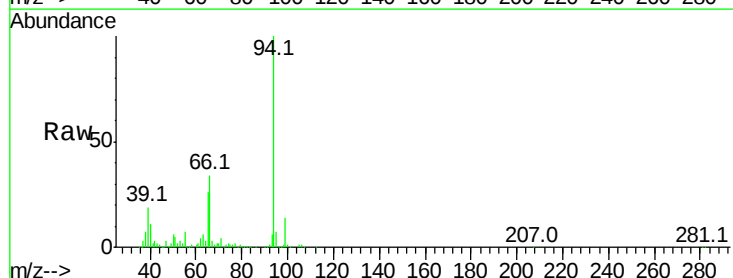
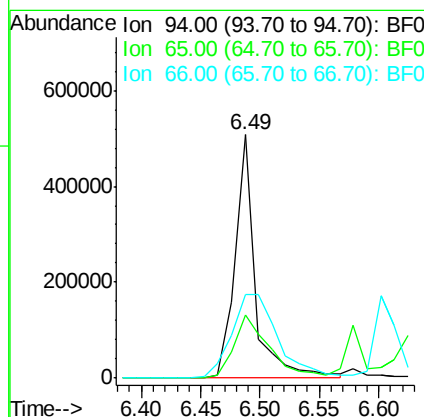
RT: 6.49 min Scan# 385

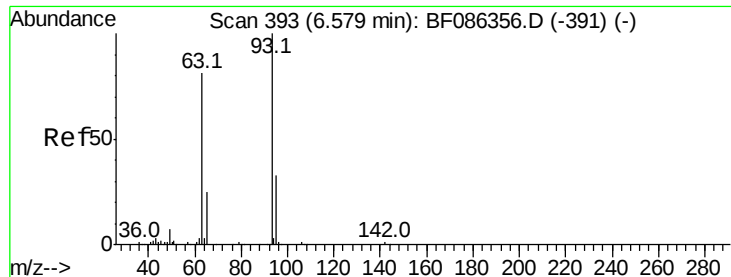
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	94	Resp:	605272
Ion Ratio	Lower	Upper	
94	100		
65	25.8	7.2	47.2
66	34.3	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 37.42 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

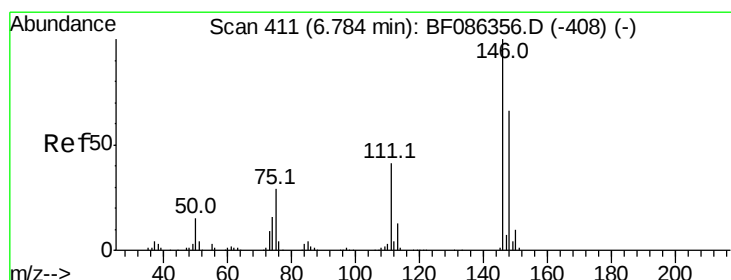
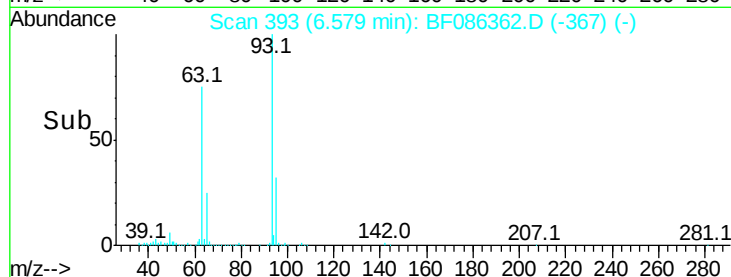
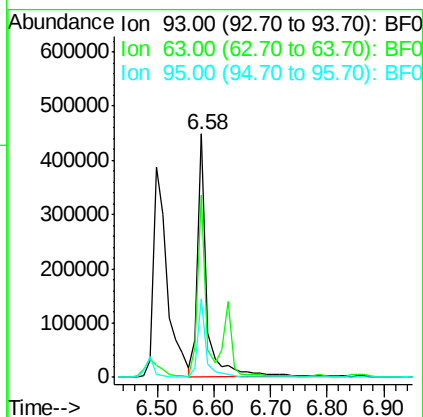
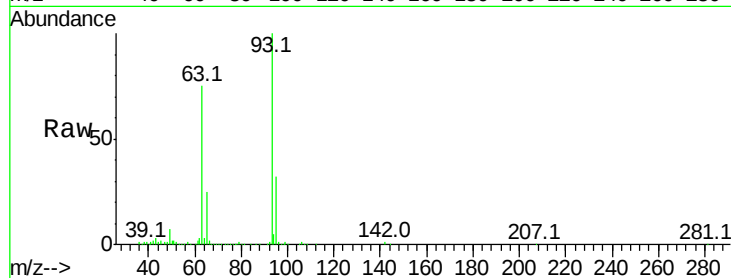
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	505394
Ion	Ratio	Lower	Upper
93	100		
63	74.9	58.0	98.0
95	32.1	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 40.16 ng

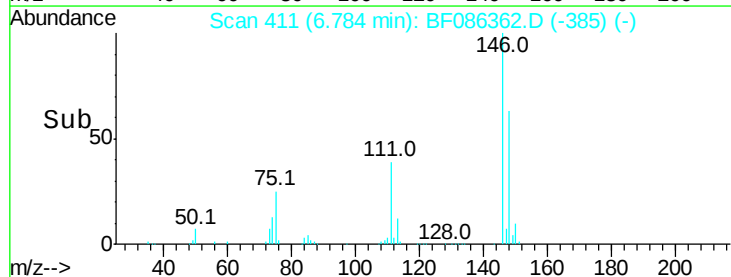
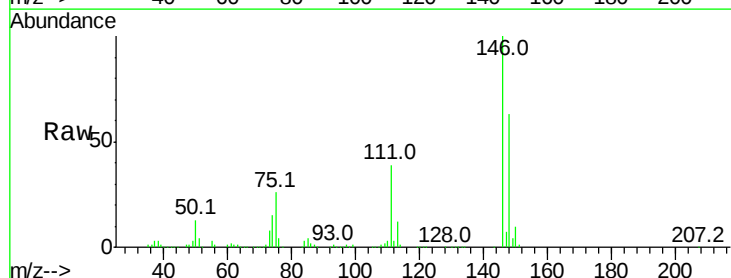
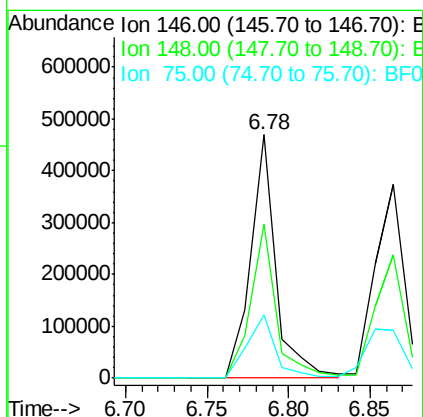
RT: 6.78 min Scan# 411

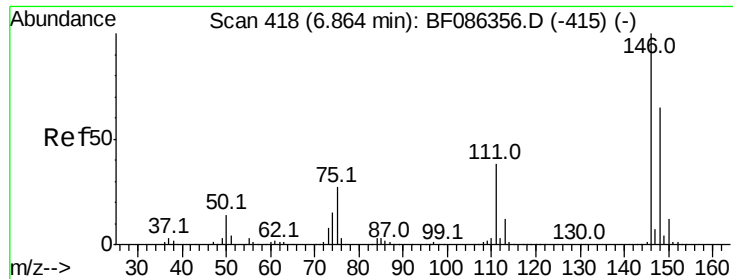
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	146	Resp:	505325
Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.4	78.6
75	26.0	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 37.83 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

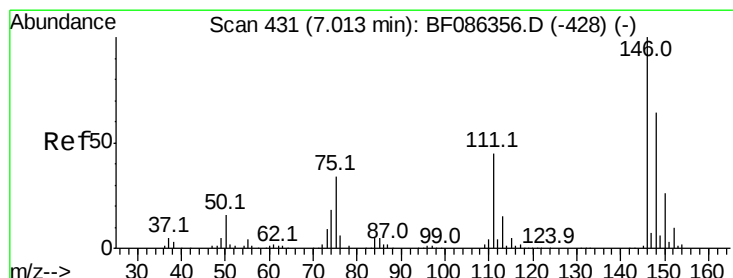
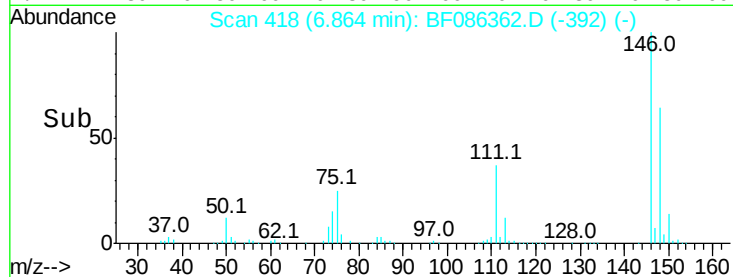
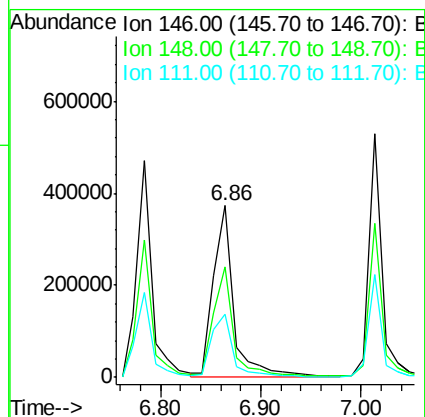
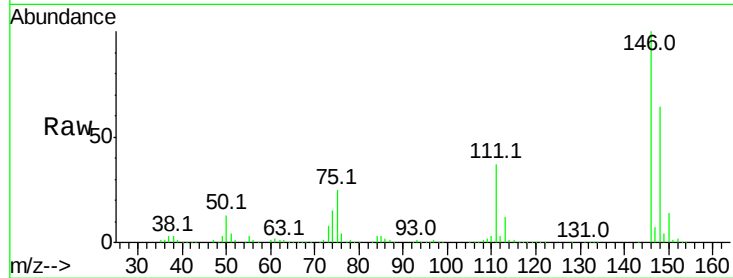
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	522820
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.2	78.4
111	36.9	30.7	46.1

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#14

1,2-Dichlorobenzene

Concen: 39.55 ng

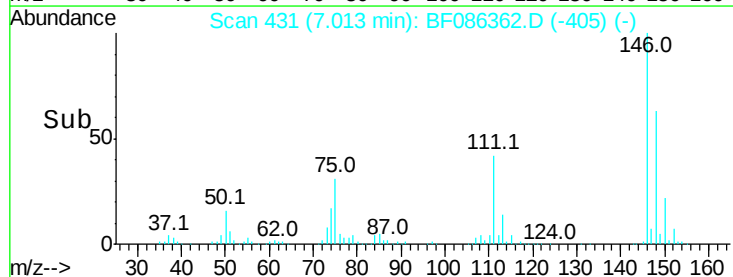
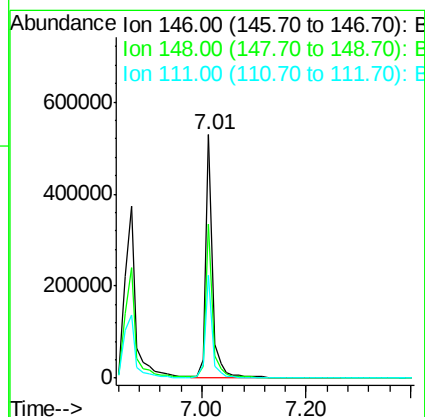
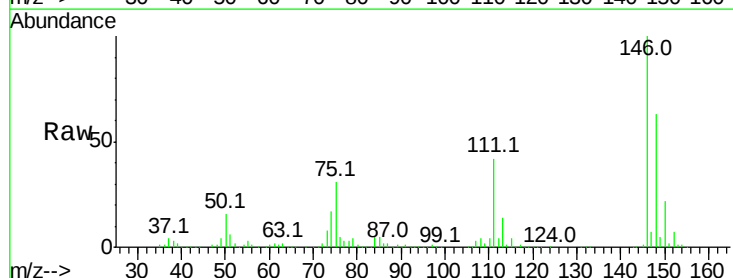
RT: 7.01 min Scan# 431

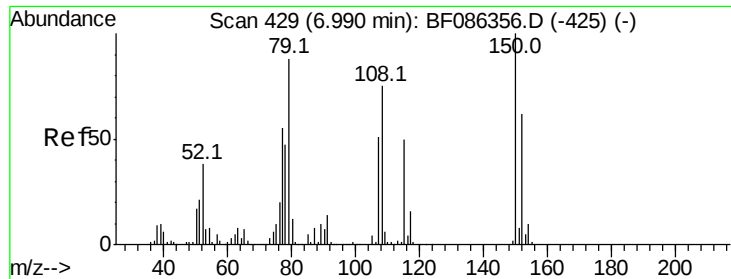
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	146	Resp:	496722
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.0	76.6
111	42.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 39.07 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

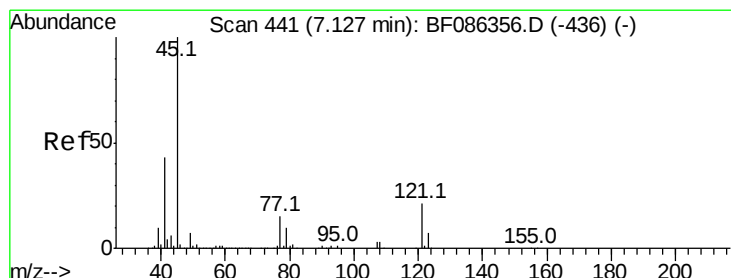
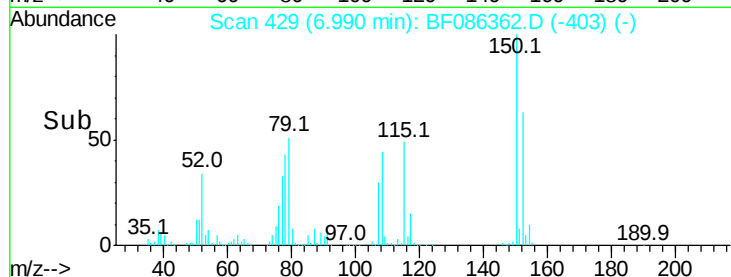
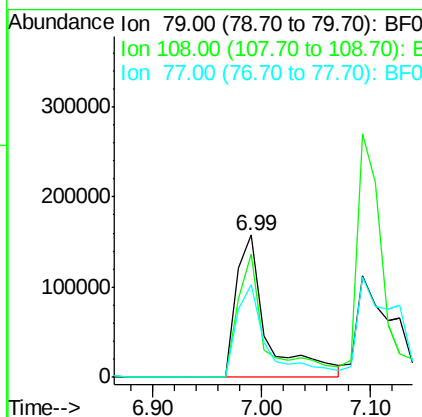
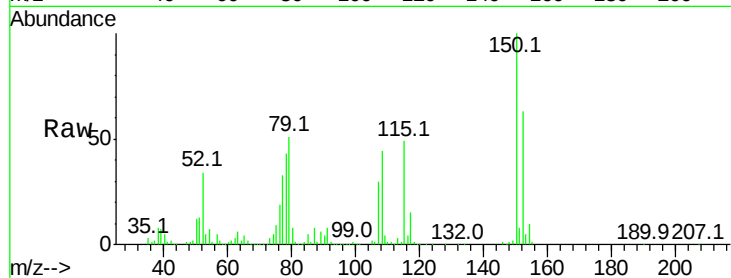
ClientSampled :

SSTDCCC040

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Tot Ion:	79	Resp:	304598
Ion Ratio	Lower	Upper	
79	100		
108	86.6	68.4	102.6
77	65.0	50.6	76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.59 ng

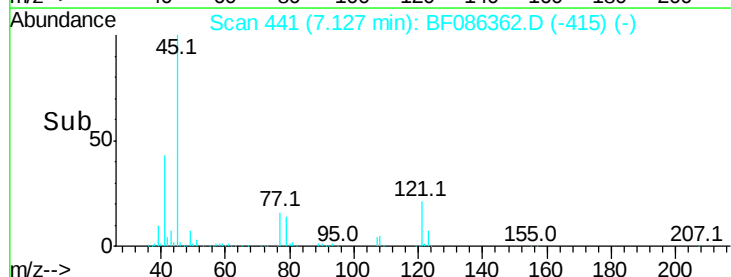
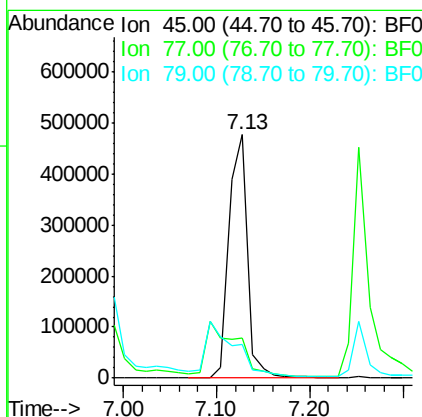
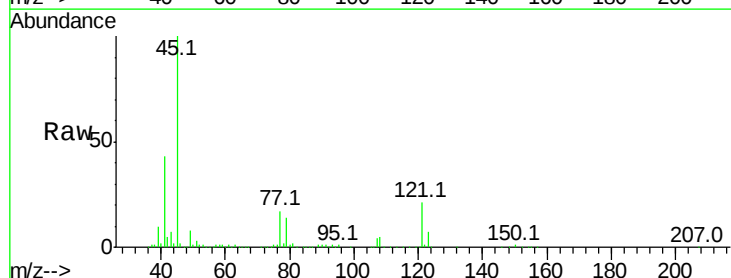
RT: 7.13 min Scan# 441

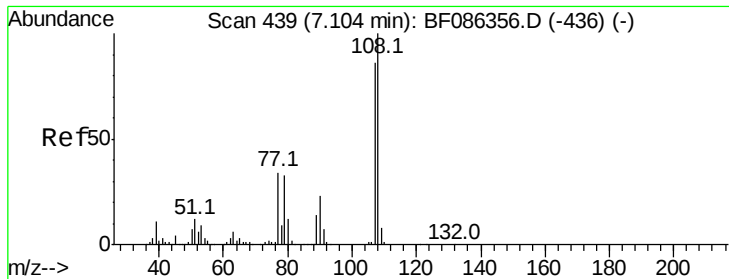
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	45	Resp:	665438
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	36.4
79	13.7	0.0	33.4





#17

2-Methylphenol

Concen: 38.25 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

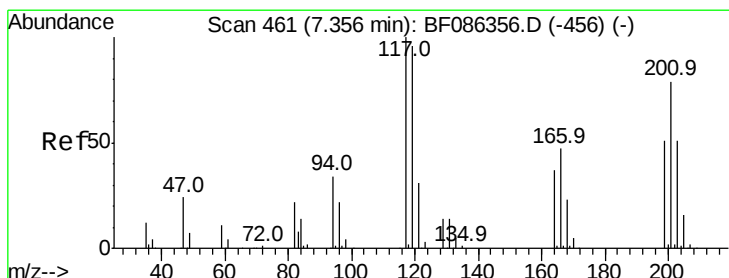
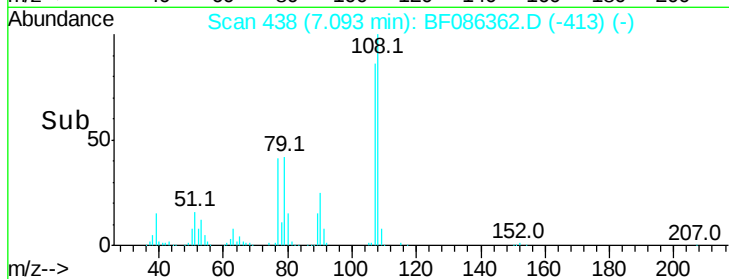
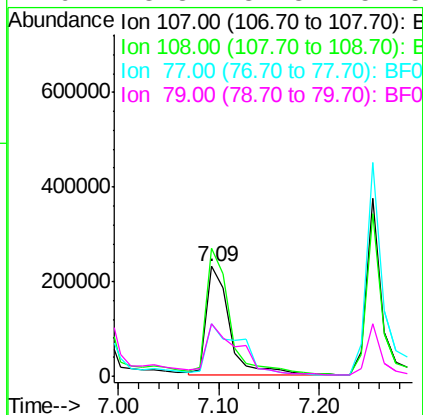
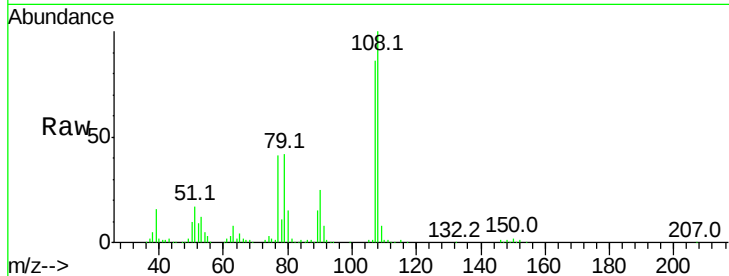
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	369765
Ion Ratio	Lower	Upper	
107	100		
108	116.0	93.7	140.5
77	48.0	33.4	50.0
79	48.3	34.3	51.5

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#18

Hexachloroethane

Concen: 38.17 ng

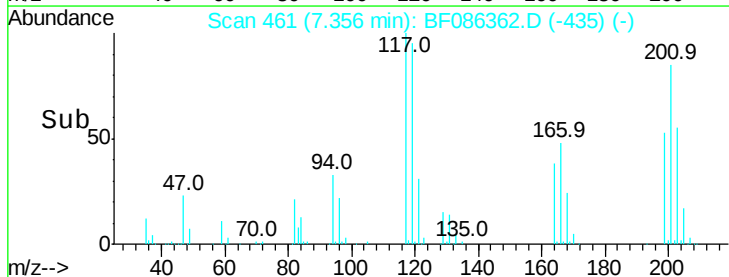
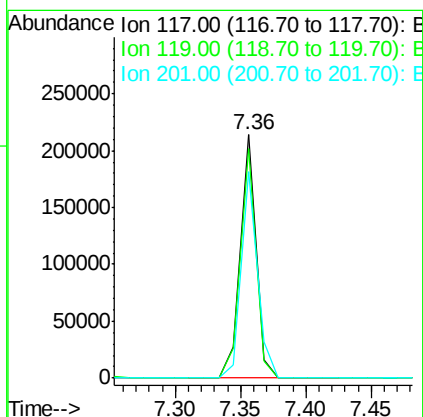
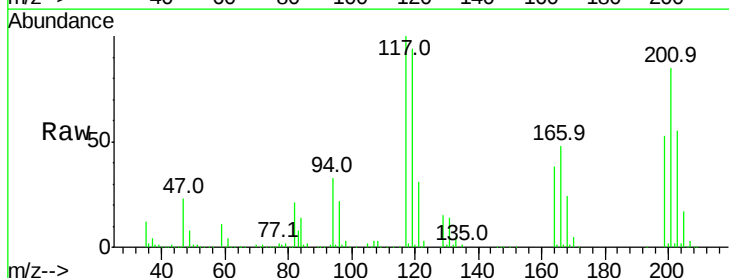
RT: 7.36 min Scan# 461

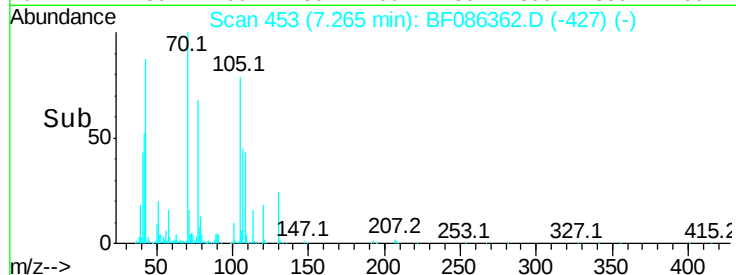
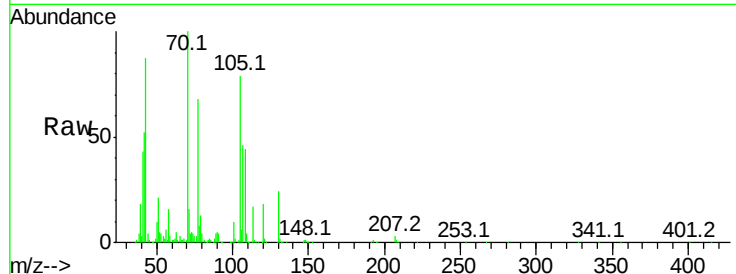
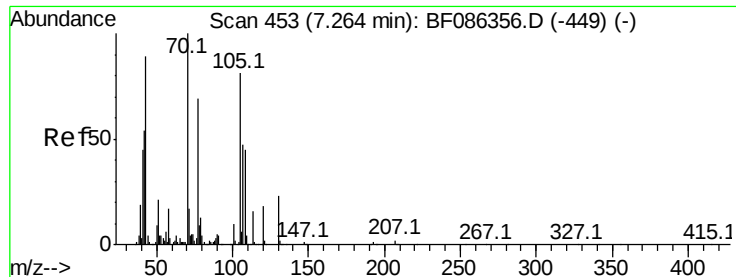
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	117	Resp:	177712
Ion Ratio	Lower	Upper	
117	100		
119	94.1	76.5	114.7
201	84.9	63.0	94.6





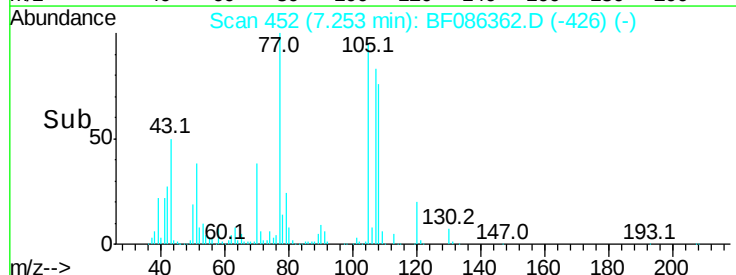
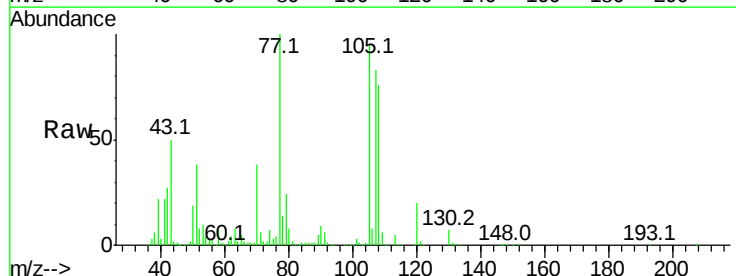
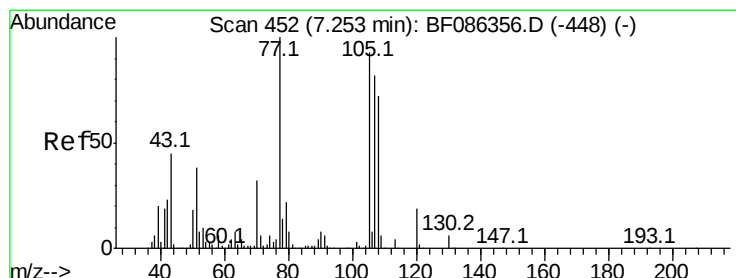
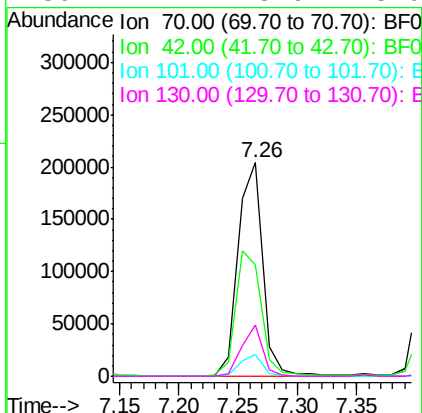
#19
n-Nitroso-di-n-propylamine
Concen: 38.03 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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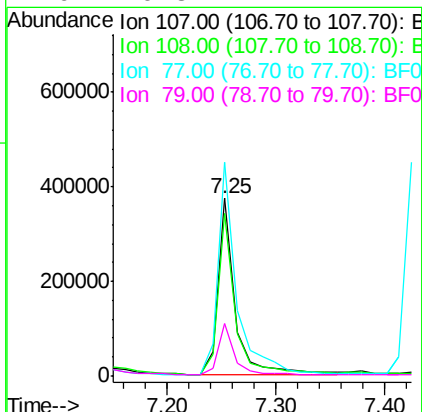
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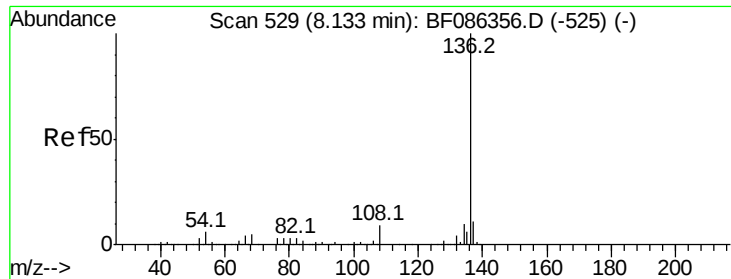
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.1	43.1	64.7		
101	10.5	8.1	12.1		
130	24.1	18.6	28.0		



#20
3+4-Methylphenols
Concen: 40.18 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.4	68.5	108.5		
77	120.2	101.6	141.6		
79	29.3	7.4	47.4		





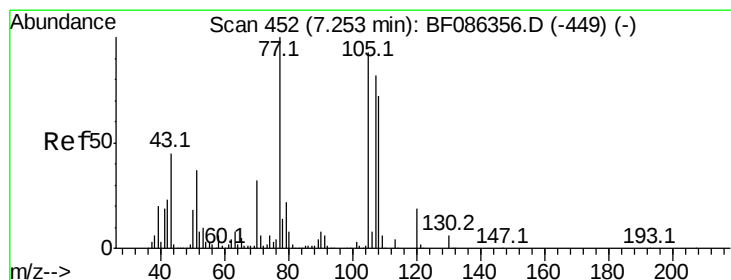
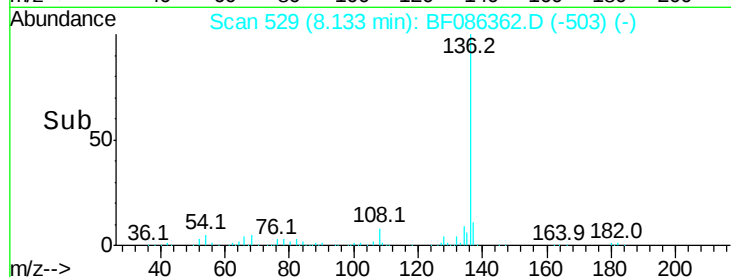
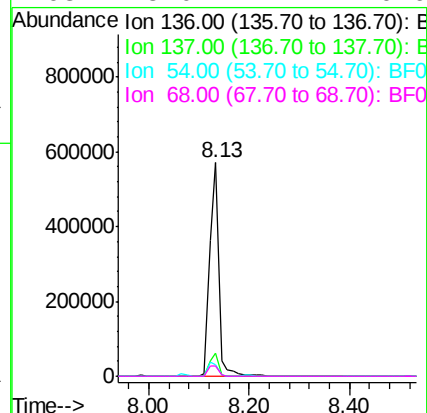
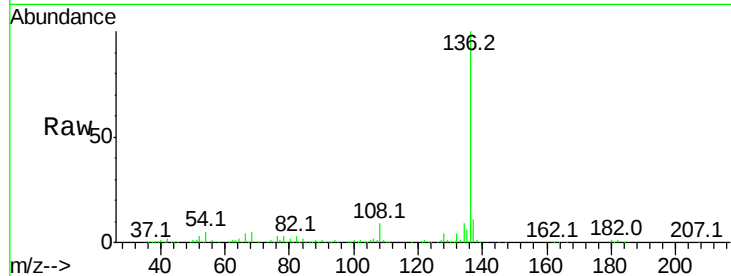
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	717661		
137	10.9		8.8	13.2
54	5.5		5.0	7.4
68	5.0		4.4	6.6

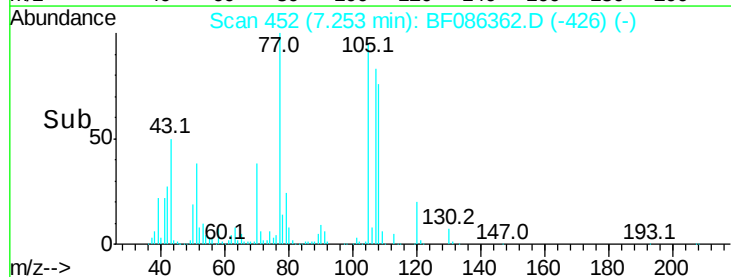
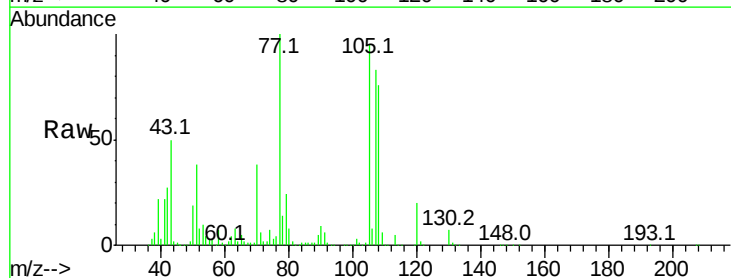
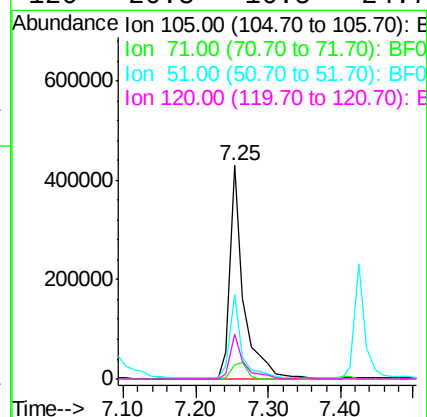
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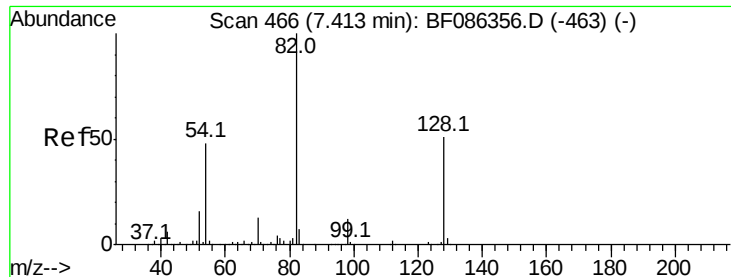
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#22
Acetophenone
Concen: 37.76 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	568563		
71	6.7		4.8	7.2
51	39.8		32.6	49.0
120	20.8		16.5	24.7





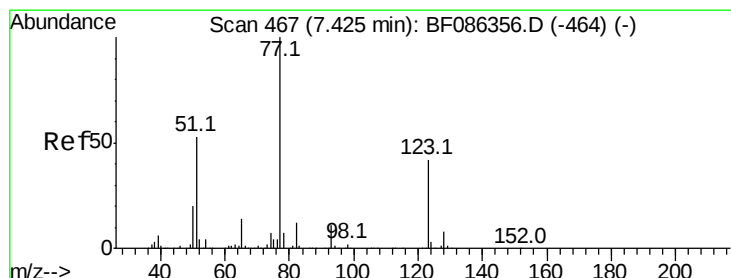
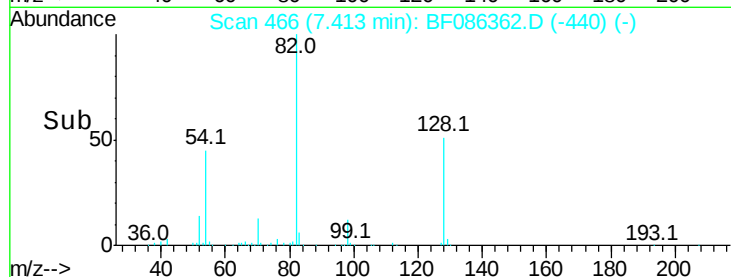
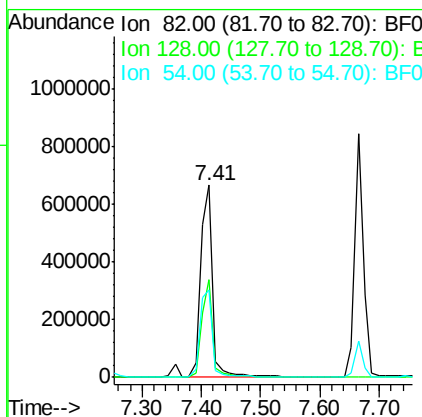
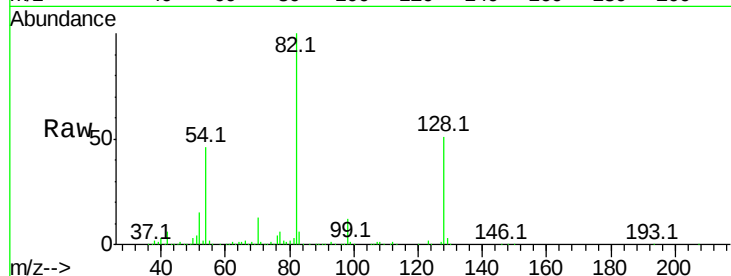
#23
 Nitrobenzene-d5
 Concen: 80.02 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.2	40.6	61.0
54	45.7	38.1	57.1

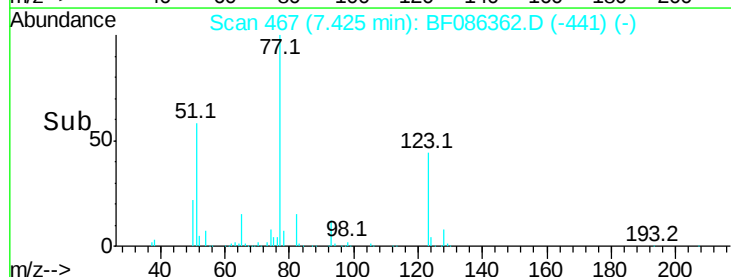
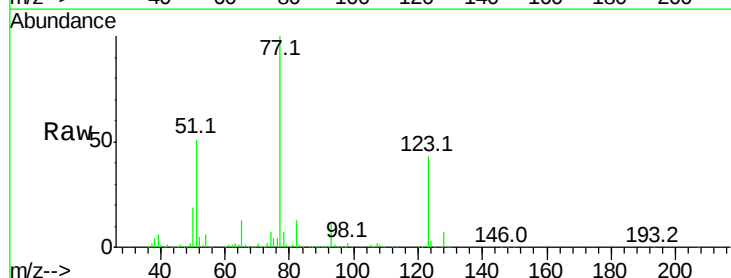
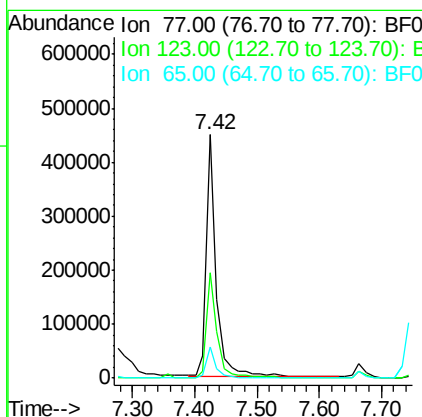
Manual Integrations
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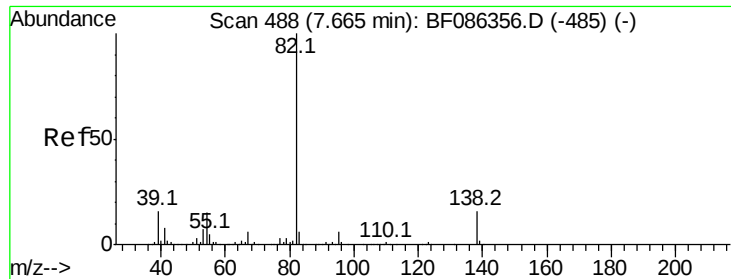
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#24
 Nitrobenzene
 Concen: 38.88 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	33.0	49.4
65	13.0	10.8	16.2





#25

Isophorone

Concen: 36.33 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

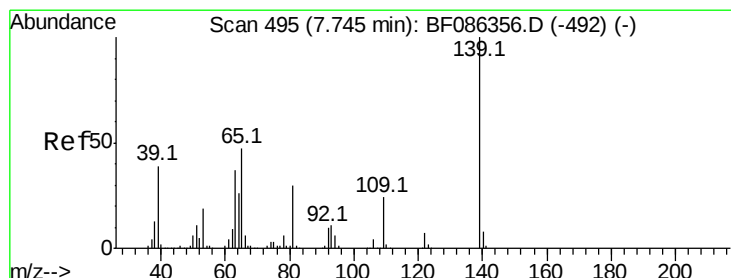
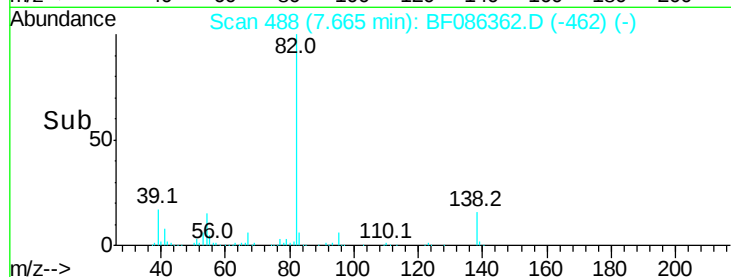
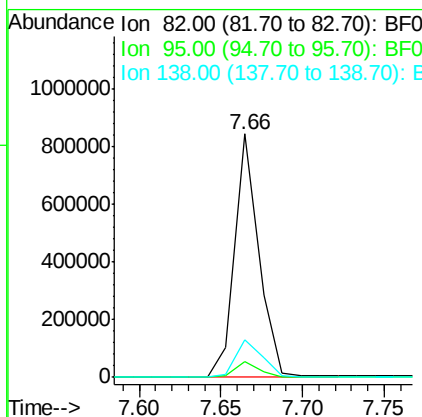
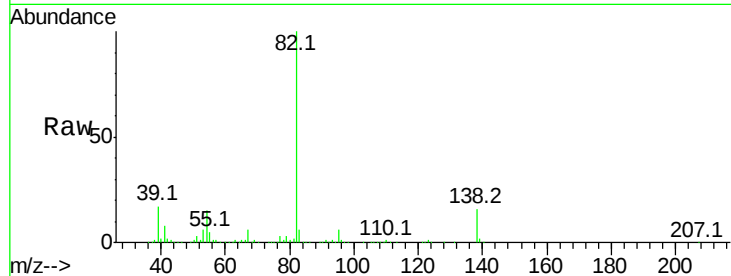
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	862604
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.1	7.7
138	15.6	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.88 ng

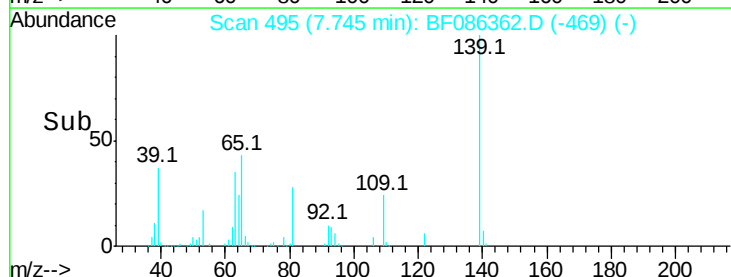
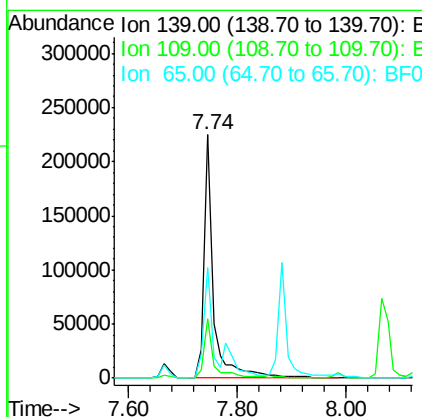
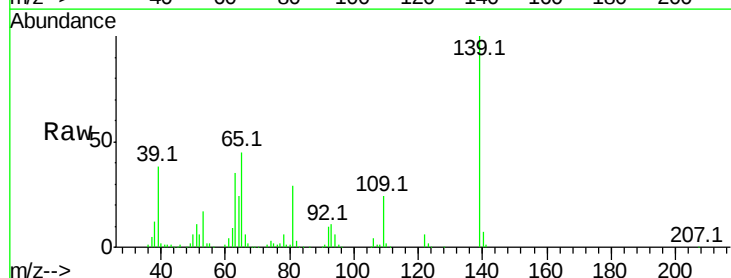
RT: 7.74 min Scan# 495

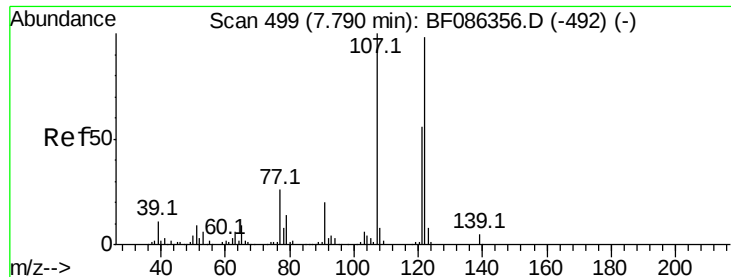
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	139	Resp:	268894
Ion Ratio	Lower	Upper	
139	100		
109	24.4	19.5	29.3
65	45.3	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 37.76 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

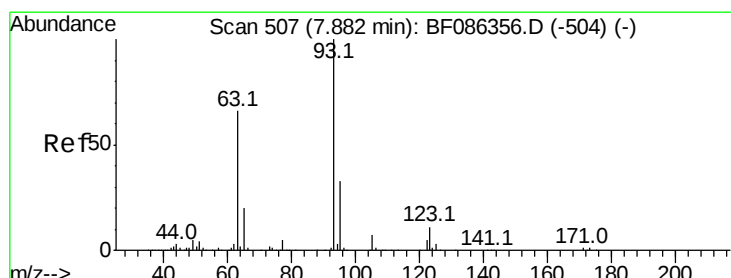
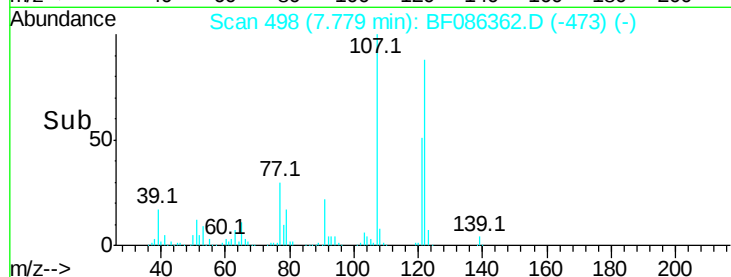
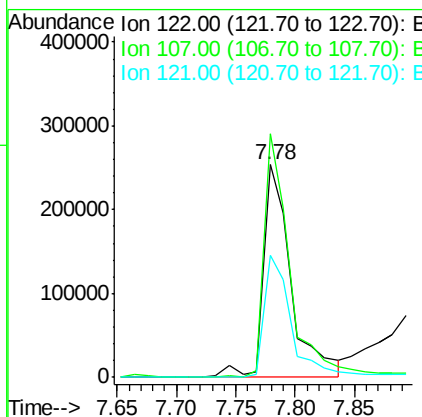
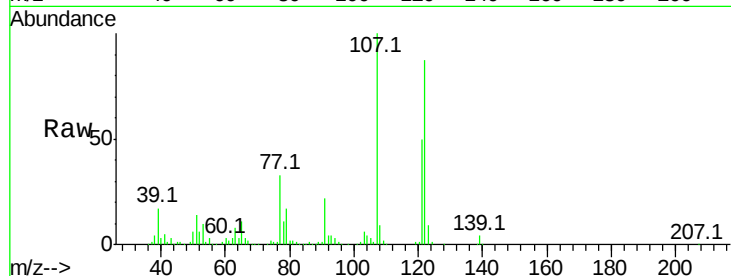
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	415104
Ion Ratio	Lower	Upper	
122	100		
107	114.4	82.0	123.0
121	57.6	46.1	69.1

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 39.54 ng

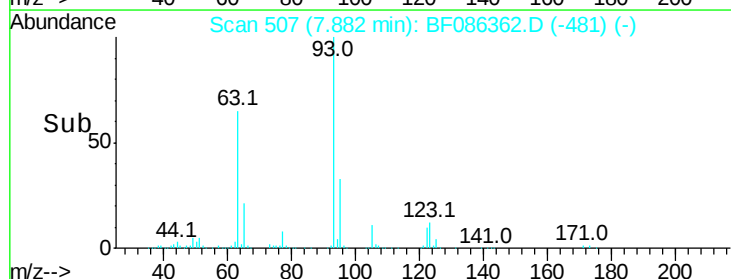
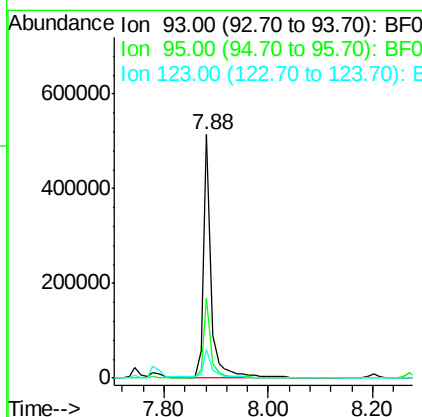
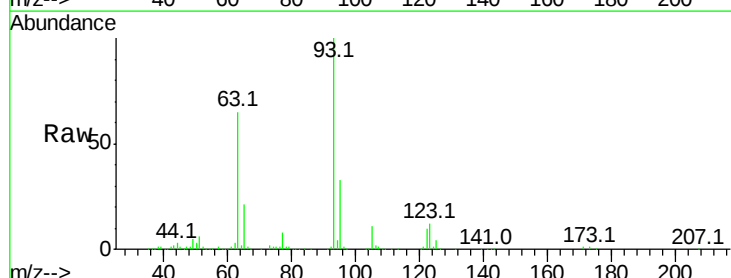
RT: 7.88 min Scan# 507

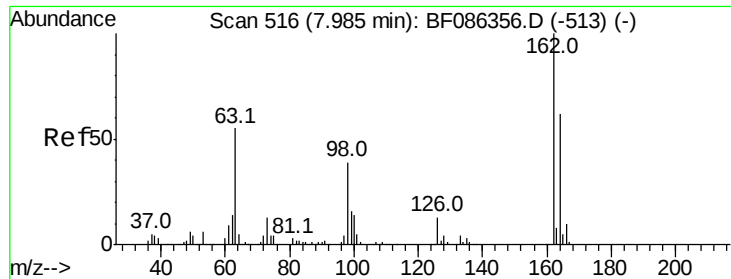
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	93	Resp:	524223
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	11.7	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 42.39 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

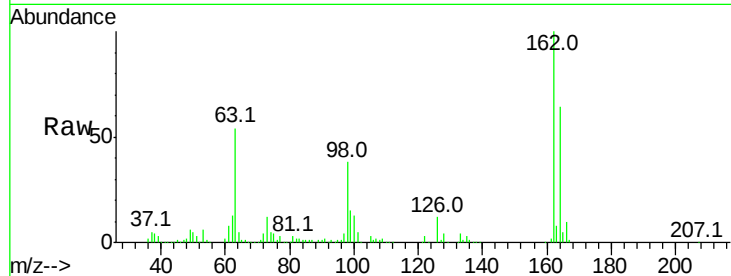
ClientSampleId :

SSTDCCC040

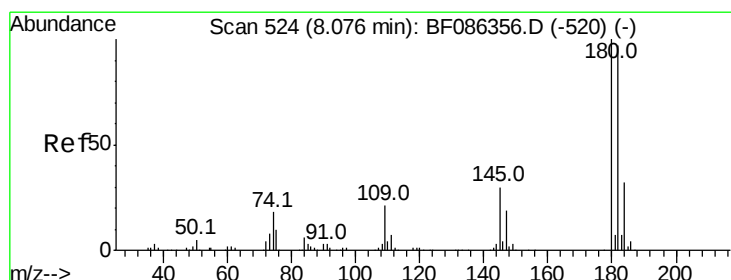
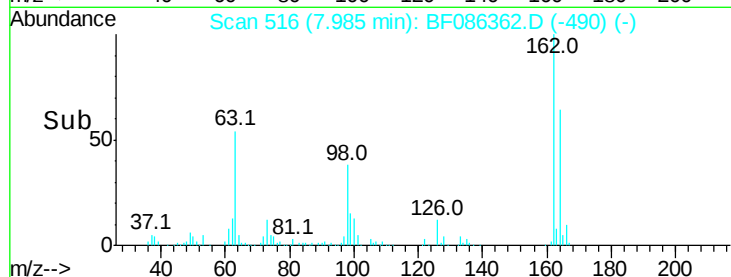
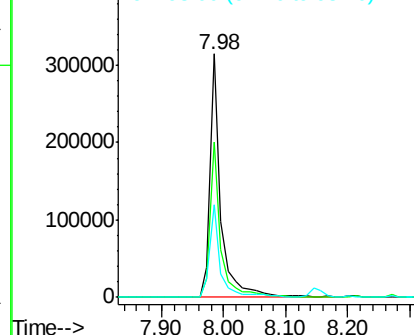
Tot Ion:	162	Resp:	385266
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.2	82.2
98	38.0	19.0	59.0

Manual Integrations
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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: 39.74 ng

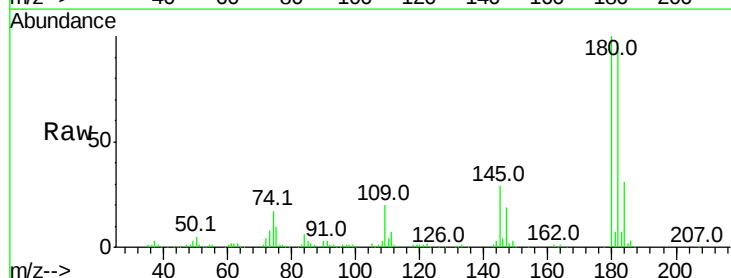
RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

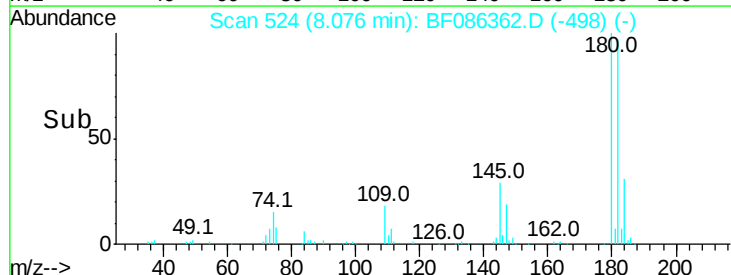
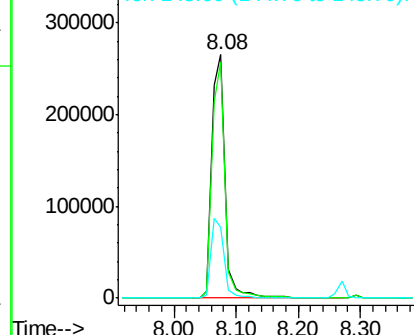
Lab File: BF086362.D

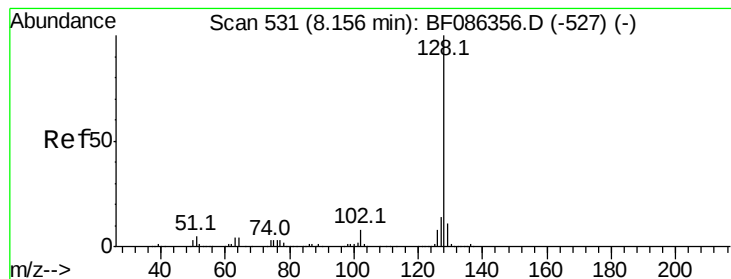
Acq: 23 Apr 2016 00:55

Tgt Ion:	180	Resp:	392304
Ion Ratio	Lower	Upper	
180	100		
182	96.9	78.0	117.0
145	29.0	24.2	36.2



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: 37.39 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1366948

Ion Ratio Lower Upper

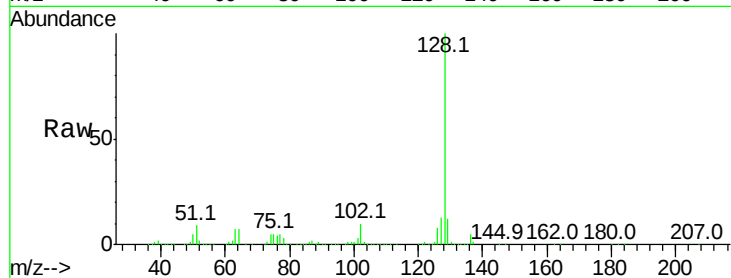
128 100

129 11.5 8.6 13.0

127 13.4 10.8 16.2

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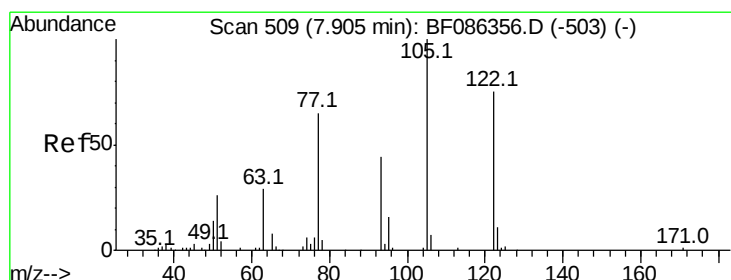
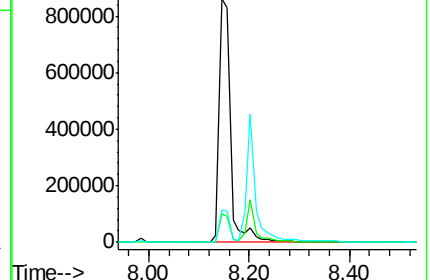
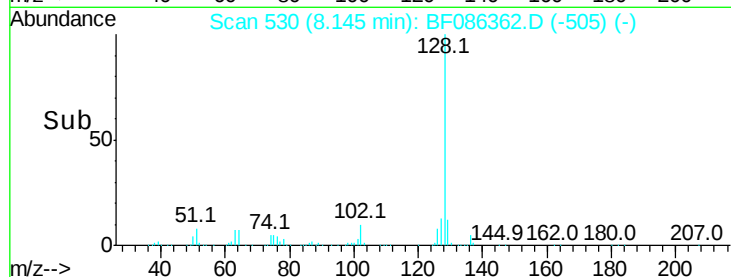
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.61 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

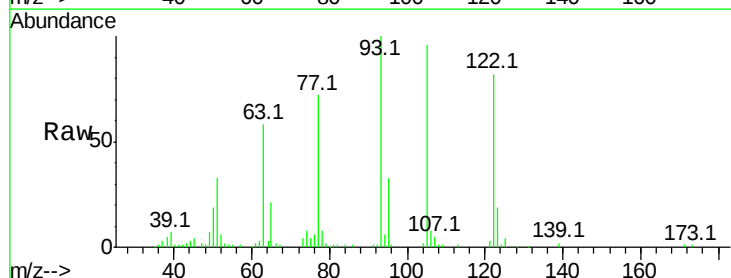
Tgt Ion:122 Resp: 257357

Ion Ratio Lower Upper

122 100

105 116.8 92.6 132.6

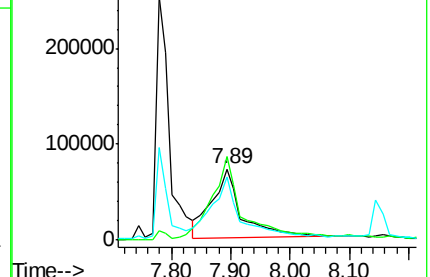
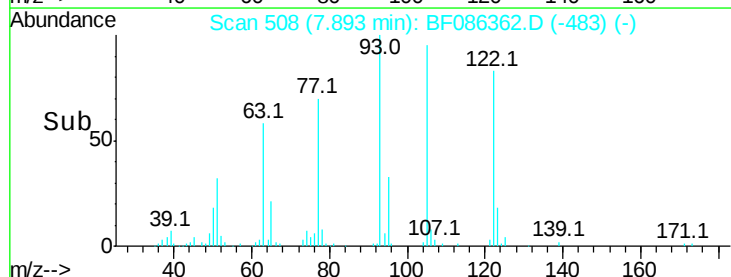
77 87.9 60.0 100.0

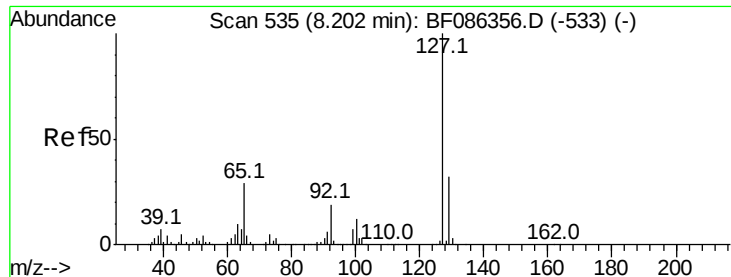


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





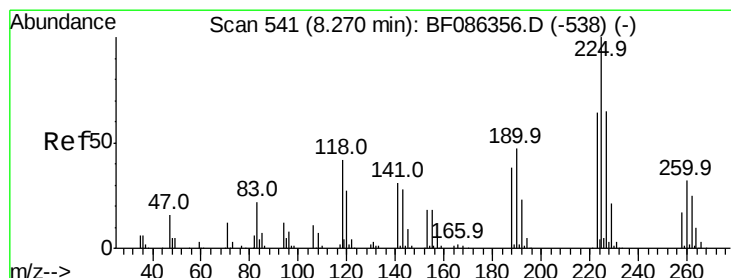
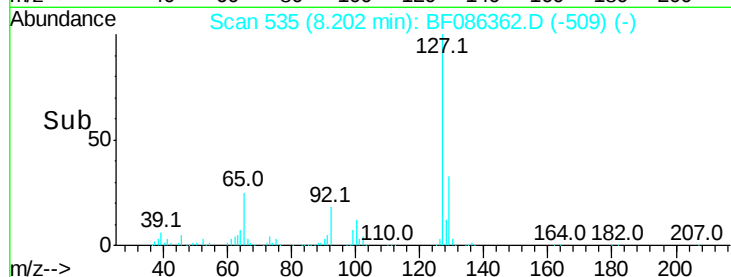
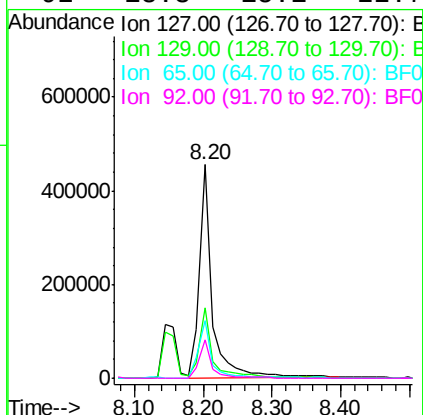
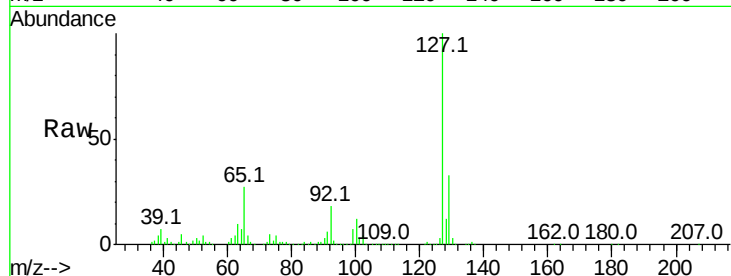
#33
 4-Chloroaniline
 Concen: 40.39 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.2	39.4	
65	27.1	23.0	34.4	
92	18.3	15.1	22.7	

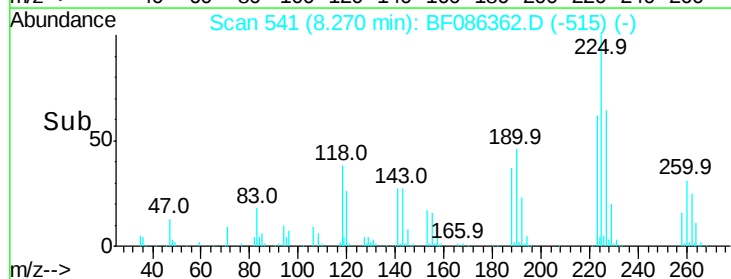
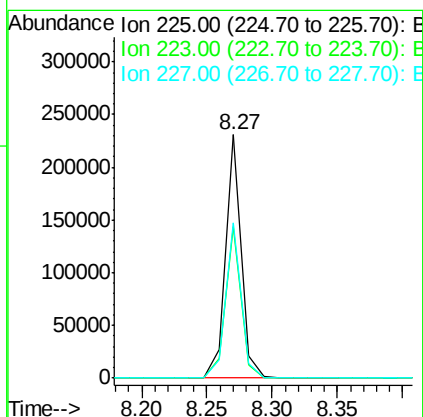
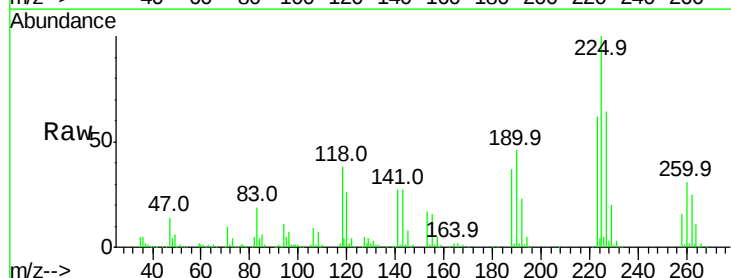
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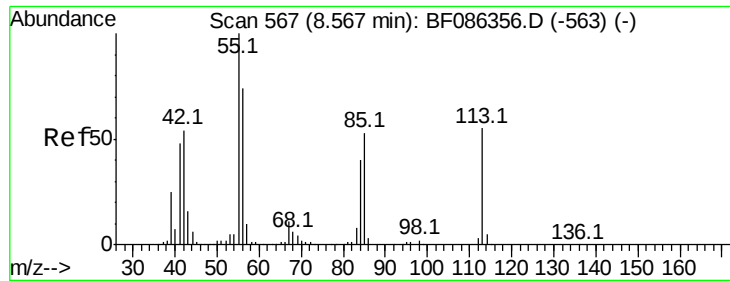
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#34
 Hexachlorobutadiene
 Concen: 39.19 ng
 RT: 8.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	51.5	77.3	
227	63.7	52.2	78.2	





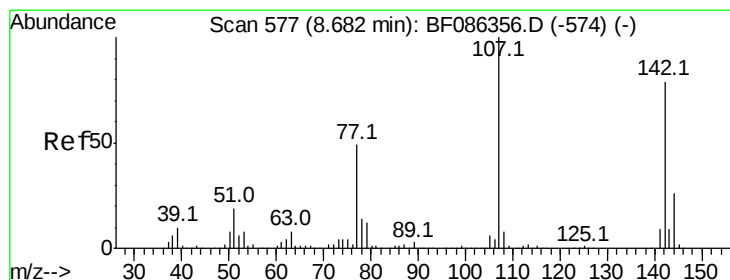
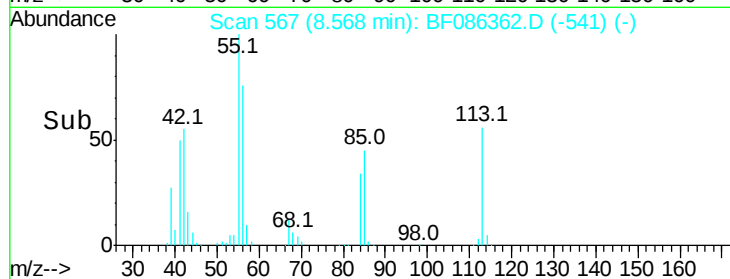
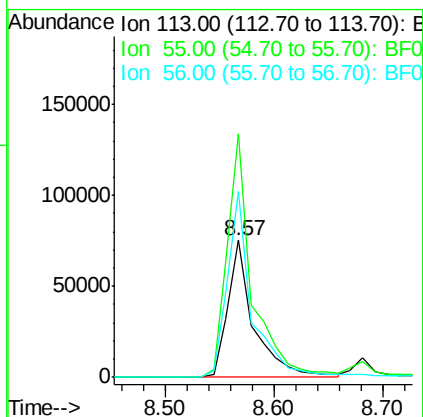
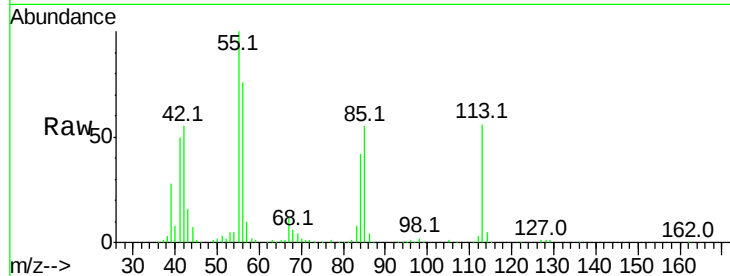
#35
Caprolactam
Concen: 37.97 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	177.6	162.0	202.0	
56	135.4	115.3	155.3	

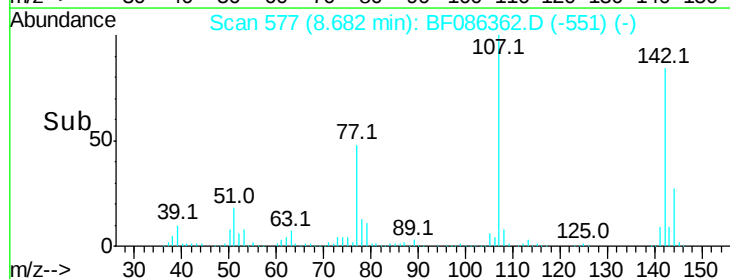
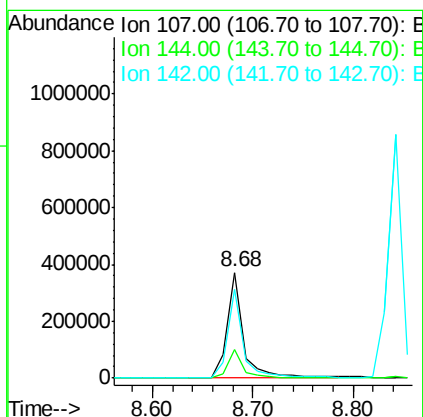
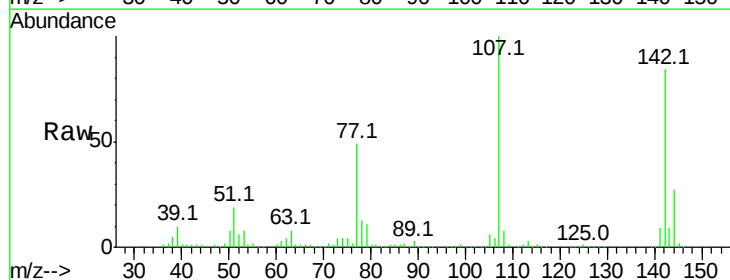
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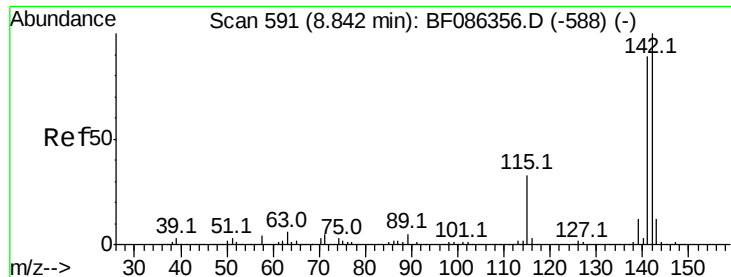
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#36
4-Chloro-3-methylphenol
Concen: 39.04 ng
RT: 8.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.9	20.7	31.1	
142	84.0	63.2	94.8	





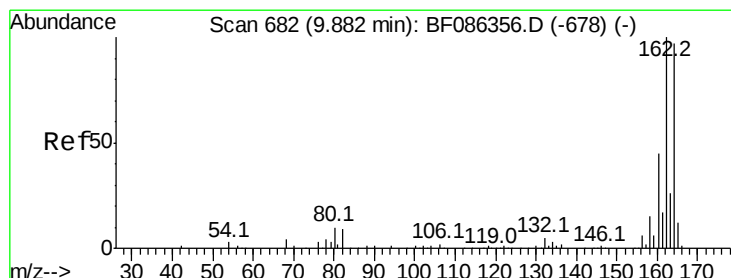
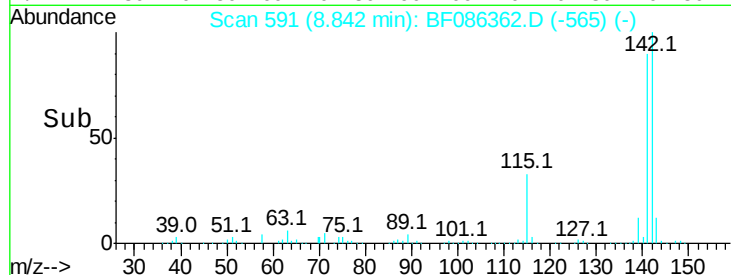
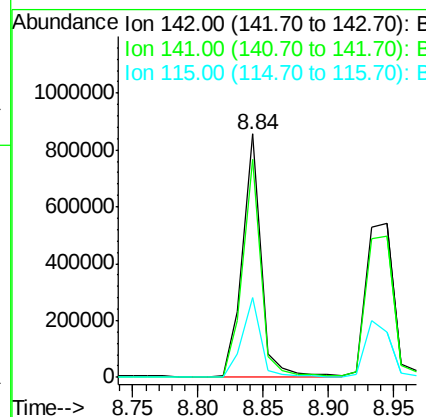
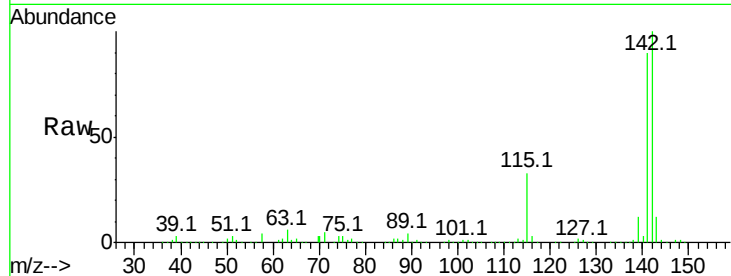
#37
 2-Methylnaphthalene
 Concen: 40.50 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	142	Resp:	853978
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.0	106.6
115	33.0	26.6	39.8

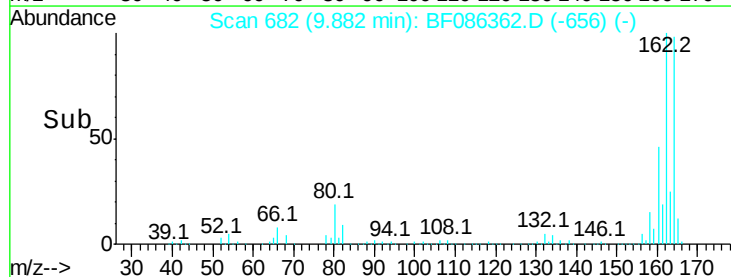
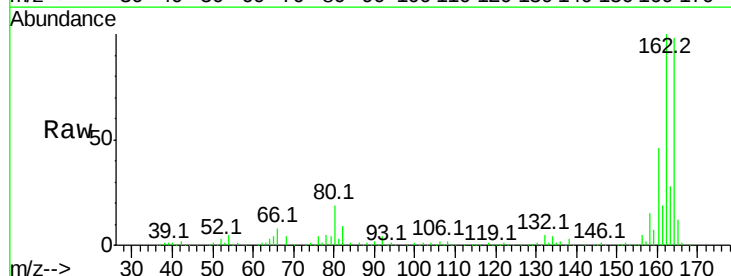
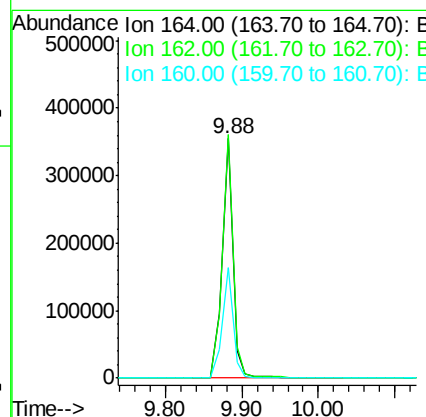
Manual Integrations
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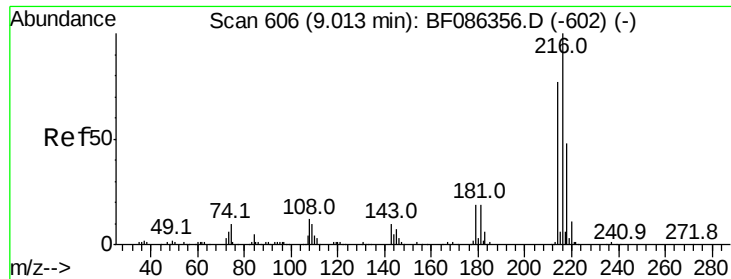
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Tgt Ion:	164	Resp:	350177
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.8	124.2
160	46.4	36.9	55.3





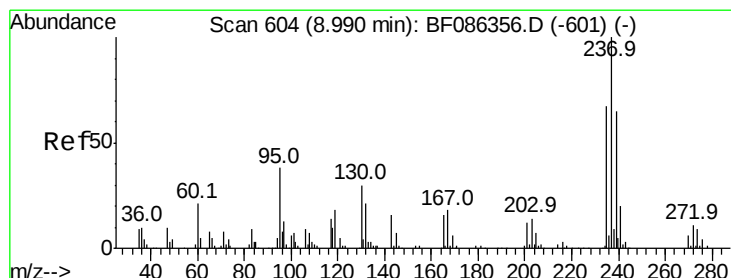
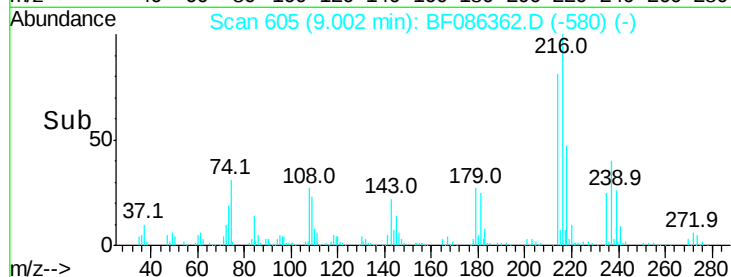
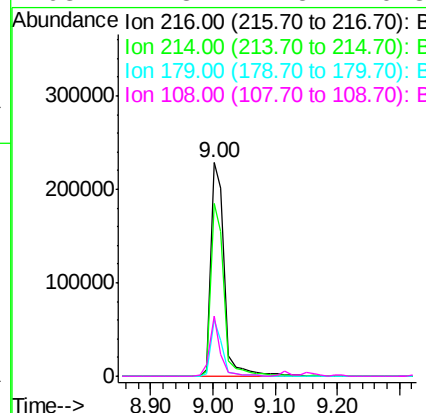
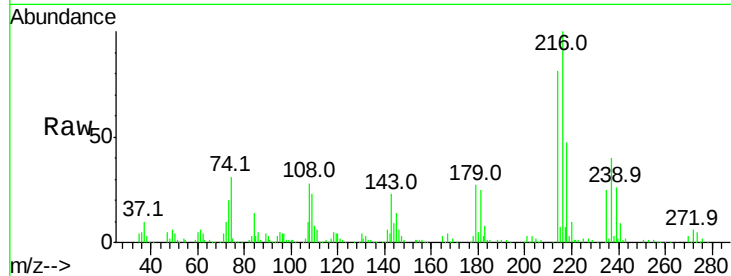
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.91 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
 APPROVED

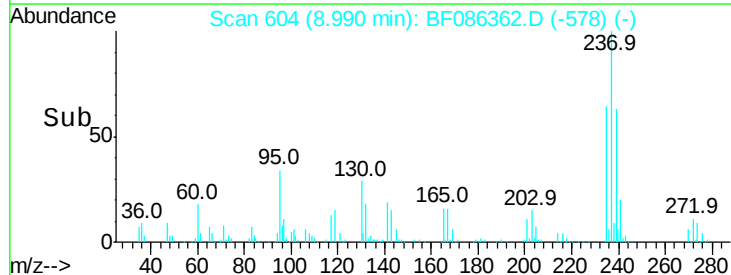
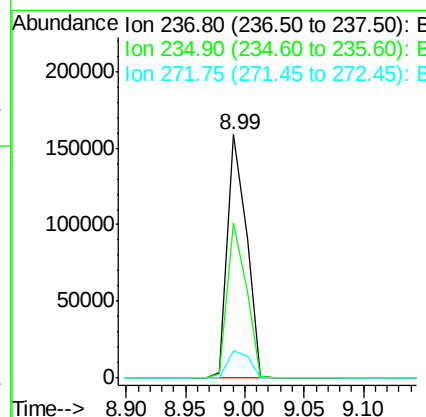
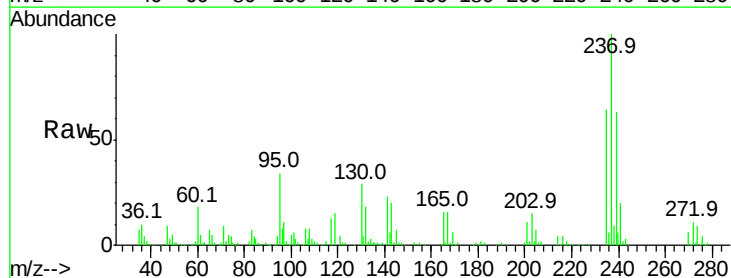
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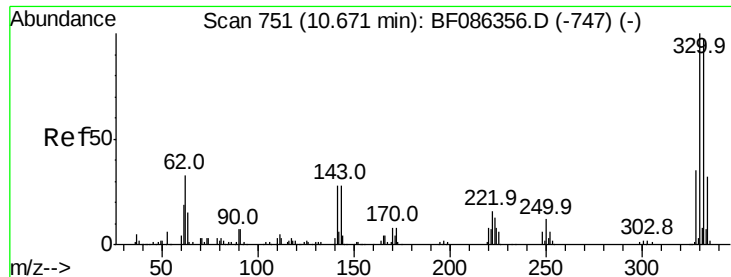
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	62.6	93.8	
179	22.6	18.2	27.4	
108	21.8	17.5	26.3	



#40
 Hexachlorocyclopentadiene
 Concen: 39.78 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.0	47.2	87.2	
272	11.3	0.0	31.1	





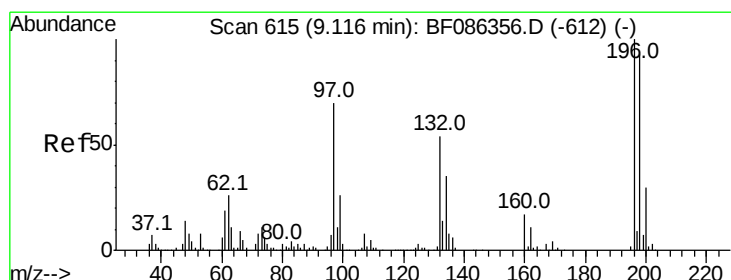
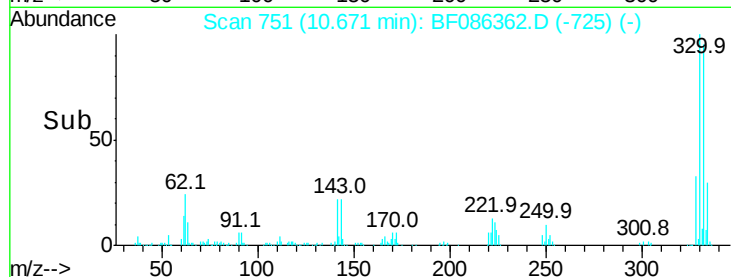
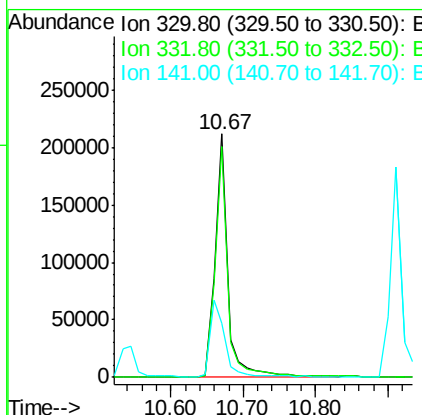
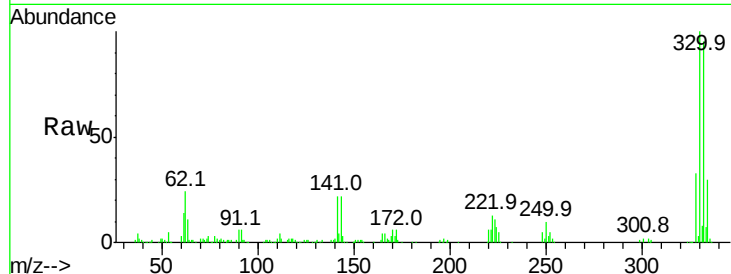
#41
 2,4,6-Tribromophenol
 Concen: 82.18 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260513		
332	95.3	79.0	118.4	
141	34.9	31.2	46.8	

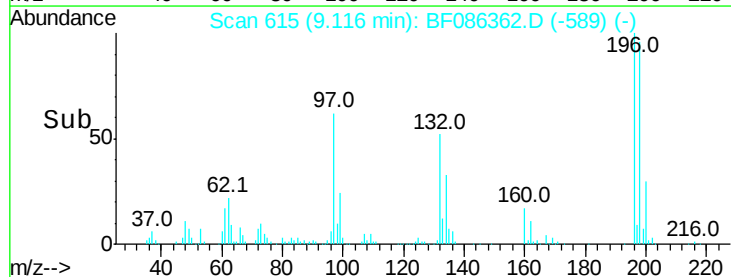
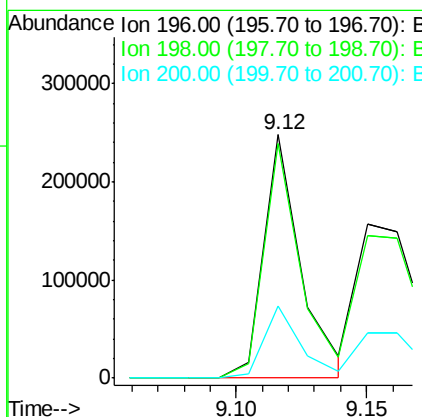
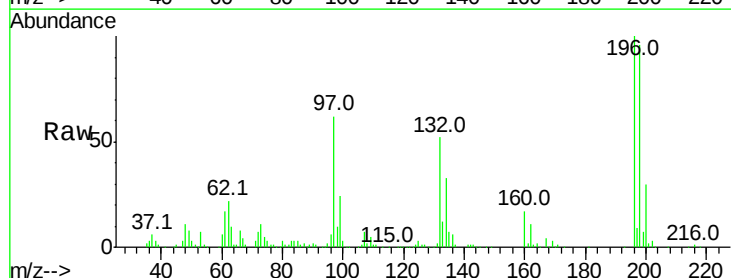
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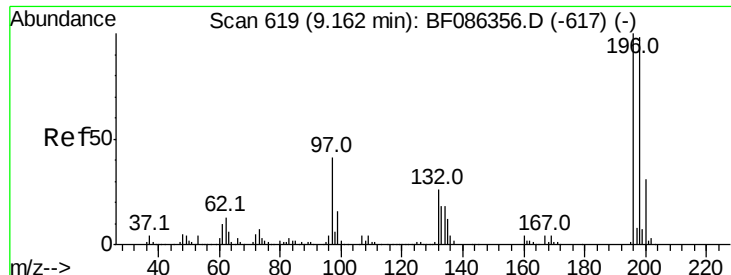
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#42
 2,4,6-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246866		
198	96.4	74.7	112.1	
200	29.8	23.8	35.6	





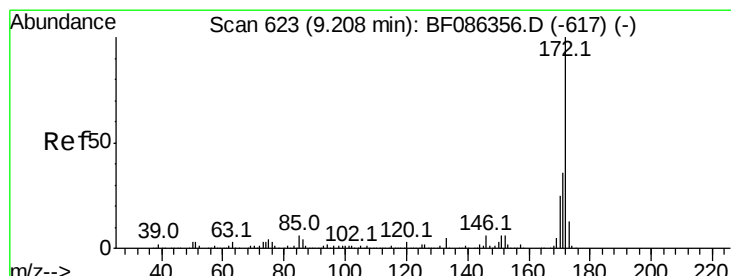
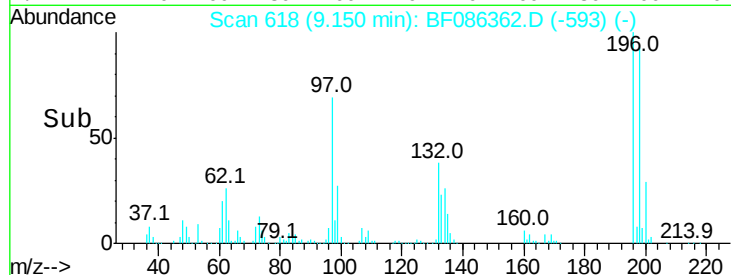
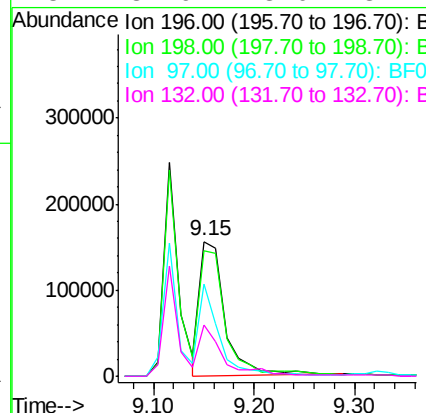
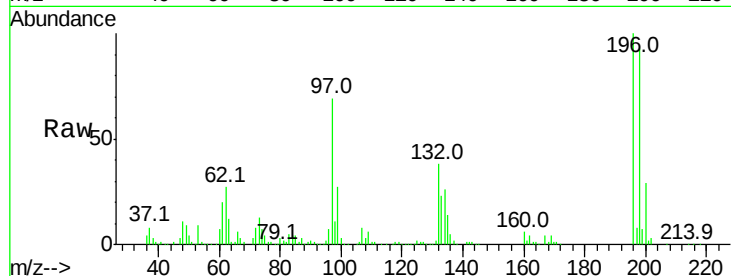
#43
 2,4,5-Trichlorophenol
 Concen: 37.39 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	273503		
198	93.0	77.5	116.3	
97	68.5	34.8	52.2#	
132	37.9	23.0	34.4#	

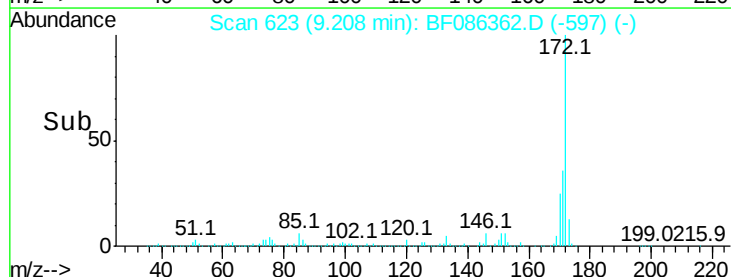
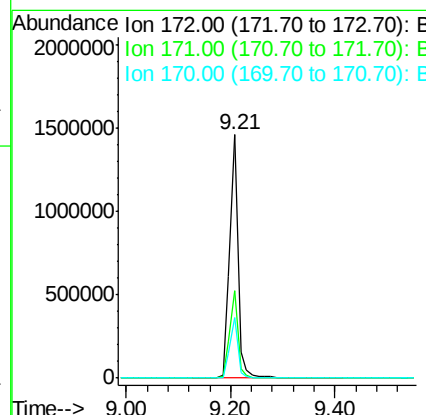
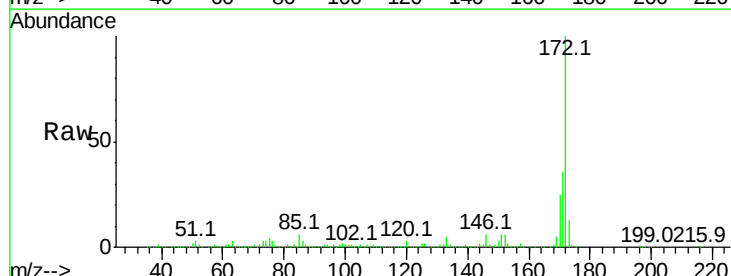
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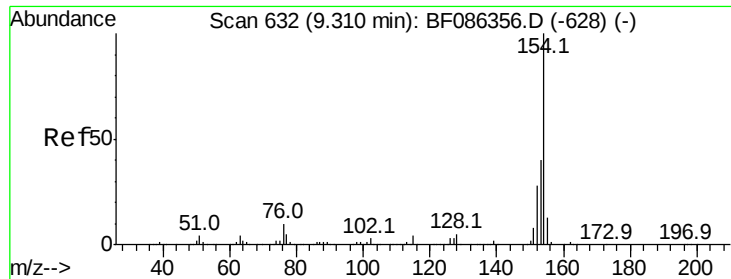
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#44
 2-Fluorobiphenyl
 Concen: 79.26 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1626423		
171	36.2	29.0	43.6	
170	24.7	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.25 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1039077

Ion Ratio Lower Upper

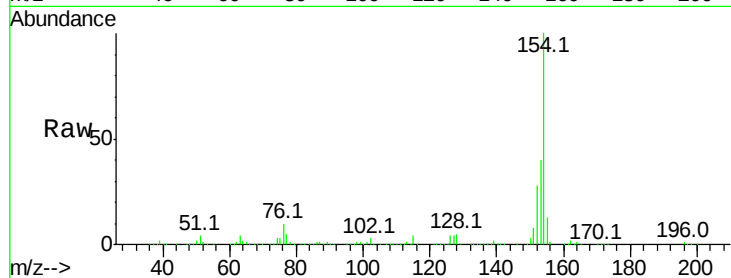
154 100

153 40.5 20.3 60.3

76 9.6 0.0 30.2

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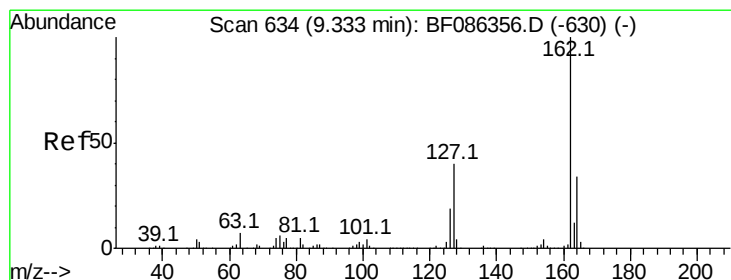
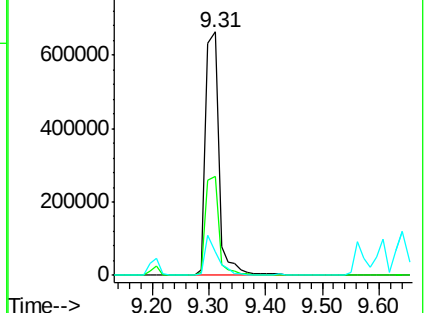
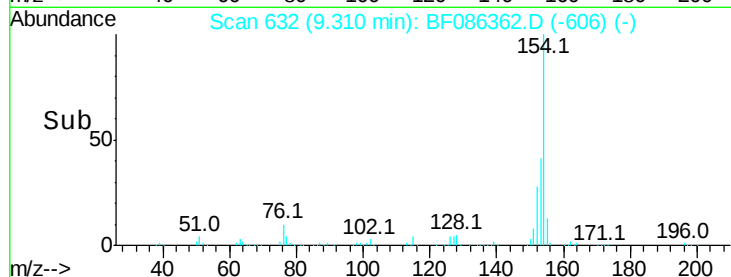
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.49 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

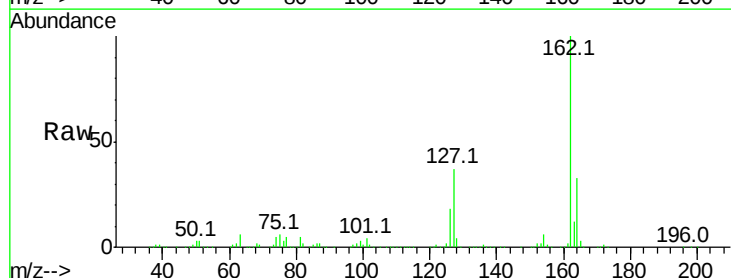
Tgt Ion:162 Resp: 827777

Ion Ratio Lower Upper

162 100

127 37.5 31.8 47.6

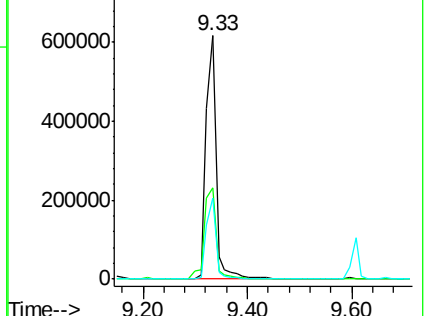
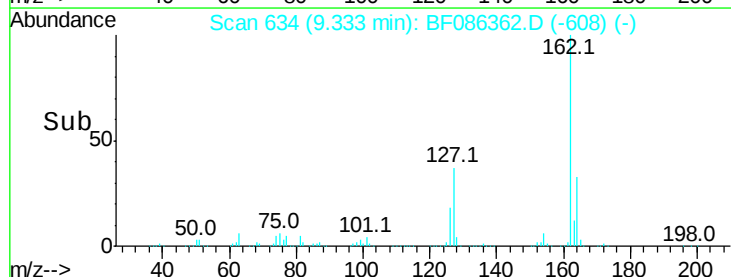
164 33.5 27.0 40.6

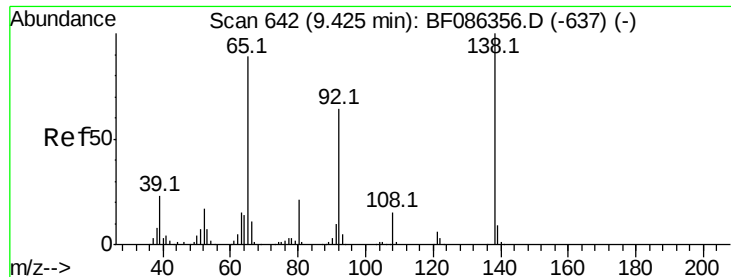


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





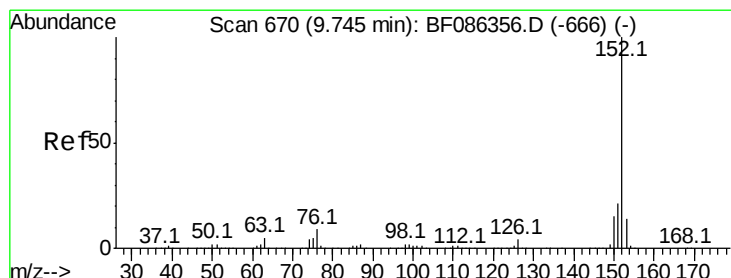
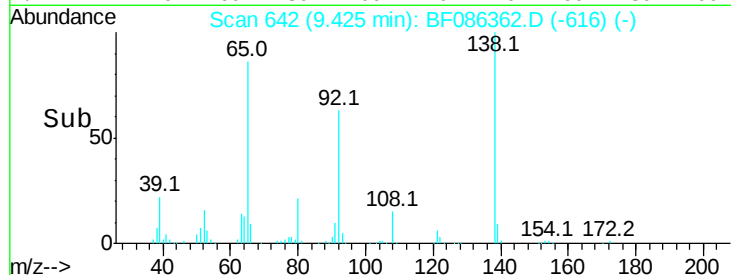
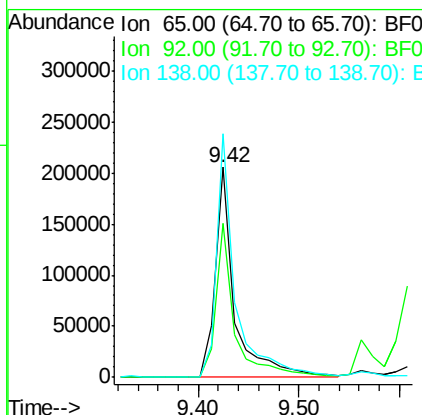
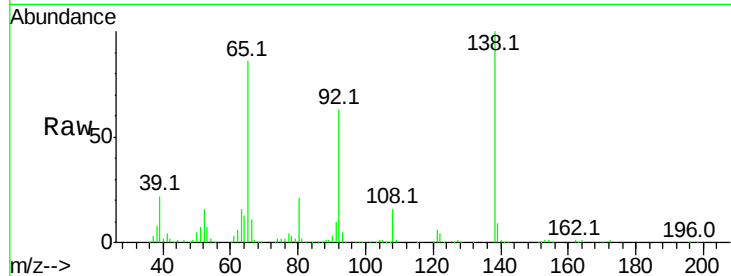
#47
2-Nitroaniline
Concen: 41.28 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.5	57.4	86.2
138	115.9	90.1	135.1

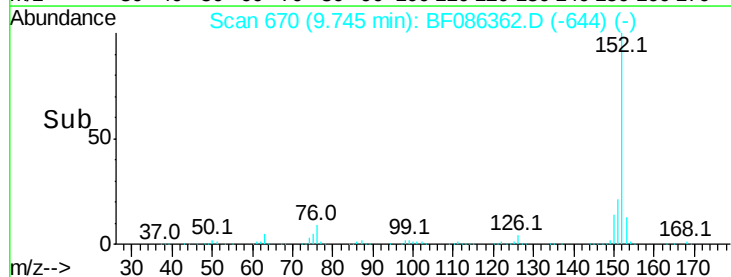
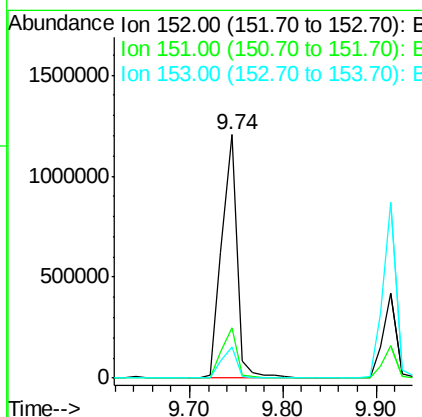
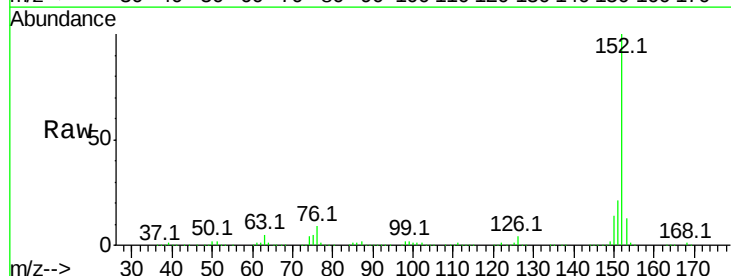
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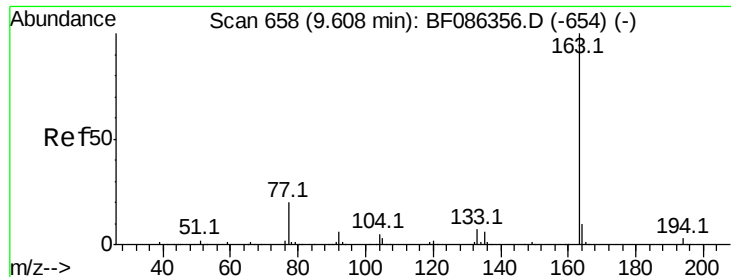
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#48
Acenaphthylene
Concen: 39.44 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	12.9	10.9	16.3





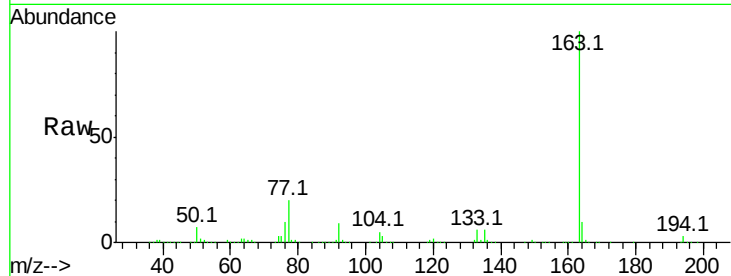
#49
Dimethylphthalate
Concen: 39.50 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

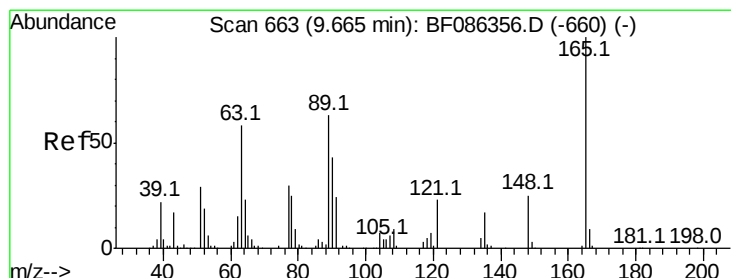
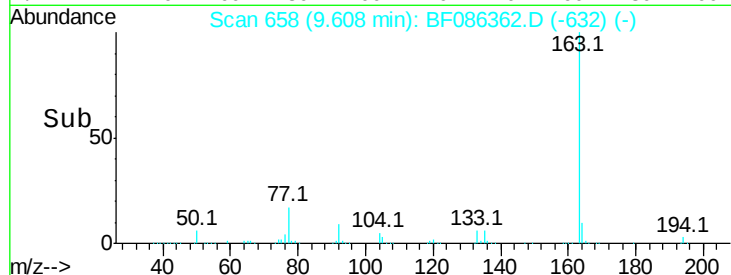
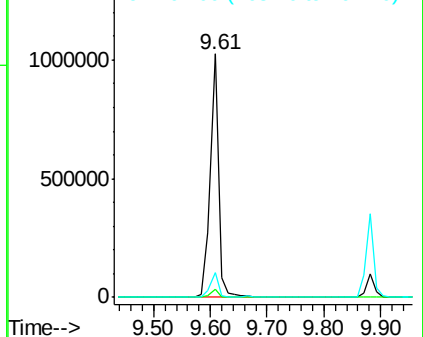
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.3	8.2	12.4	

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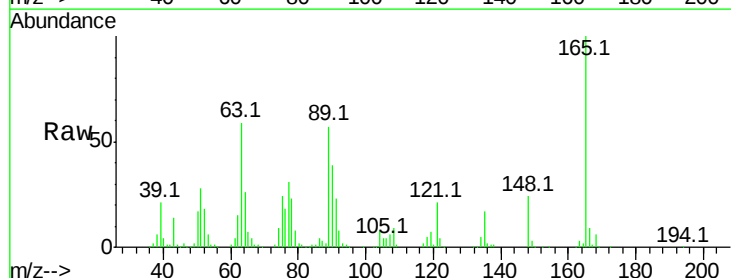


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

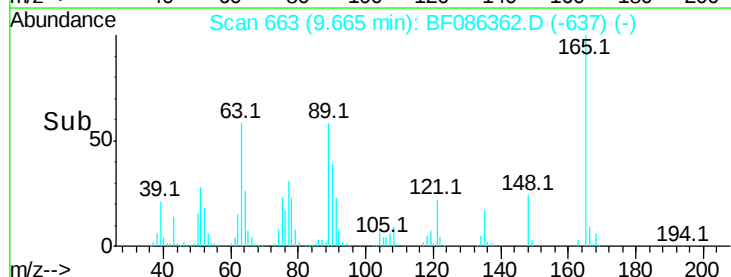
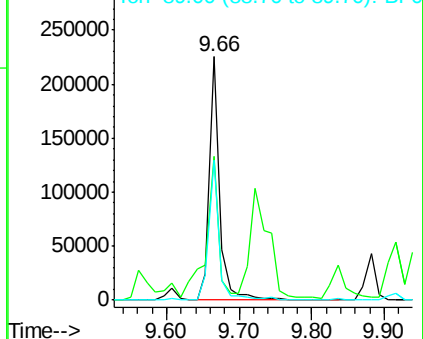


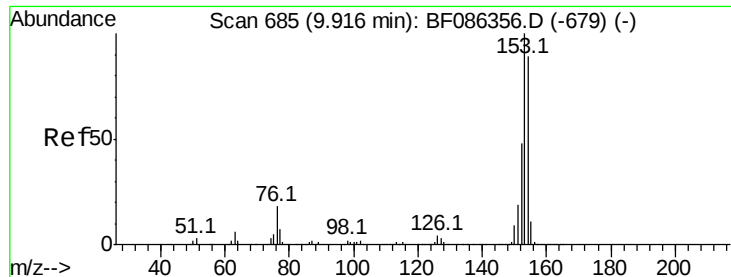
#50
2,6-Dinitrotoluene
Concen: 41.10 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.3	51.8	77.8	
89	57.4	50.7	76.1	



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





#51

Acenaphthene

Concen: 39.66 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

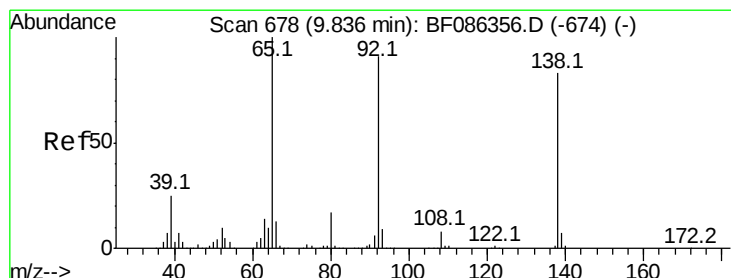
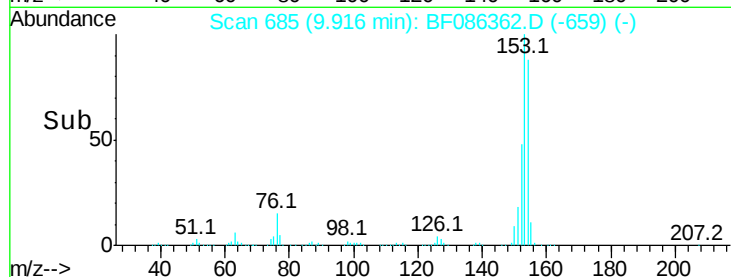
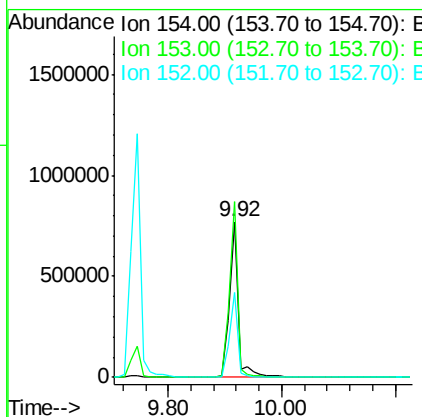
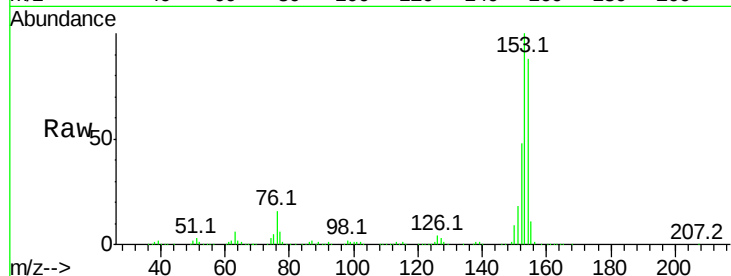
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	849499
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.8	134.6
152	54.8	43.4	65.0

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#52

3-Nitroaniline

Concen: 42.21 ng

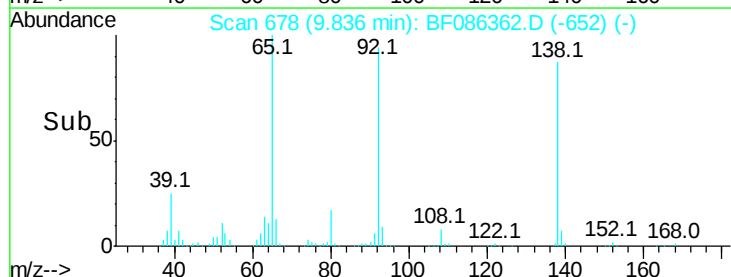
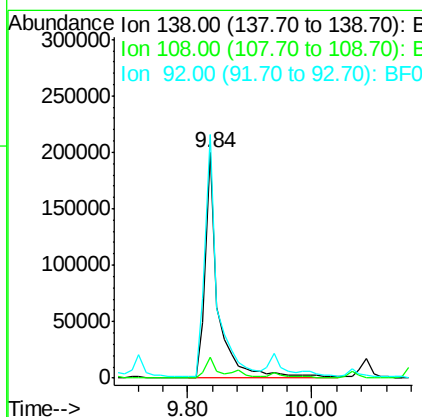
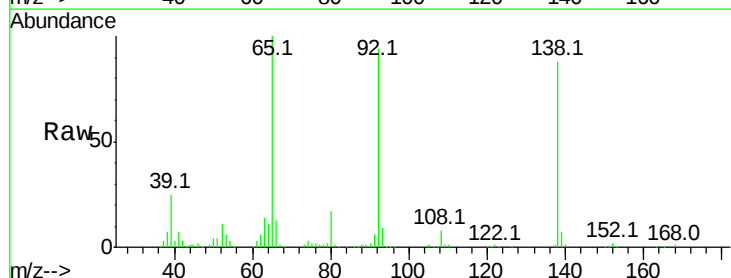
RT: 9.84 min Scan# 678

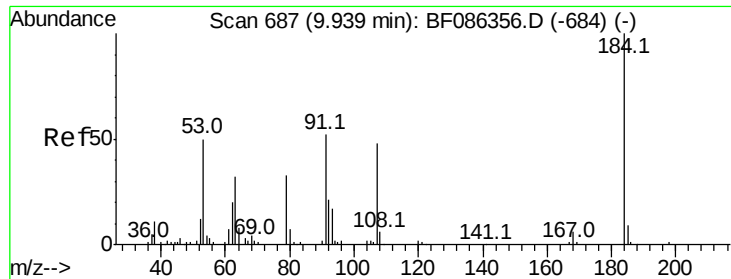
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	138	Resp:	288765
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.8	11.6
92	107.9	87.8	131.8





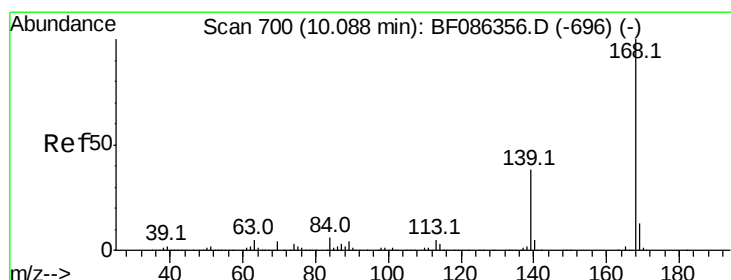
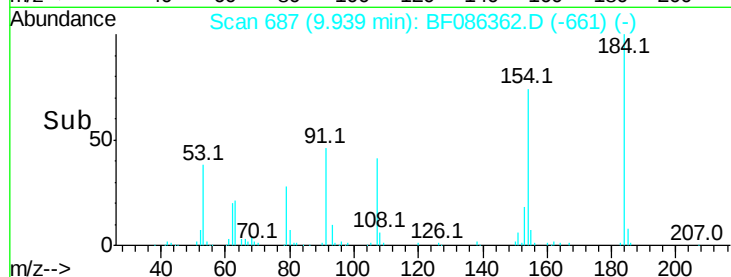
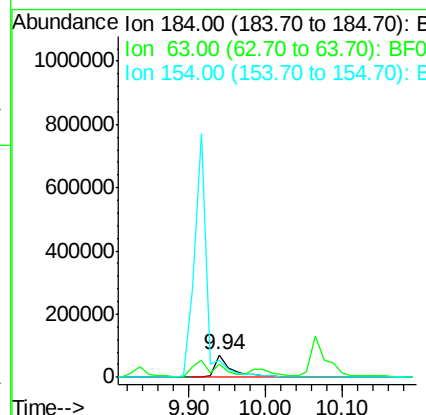
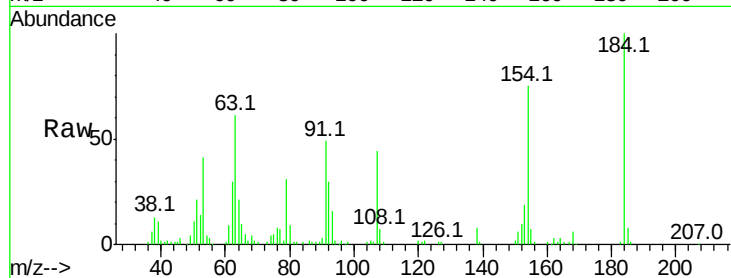
#53
2,4-Dinitrophenol
Concen: 39.15 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	111224		
63	61.1	55.8	83.8	
154	74.9	62.4	93.6	

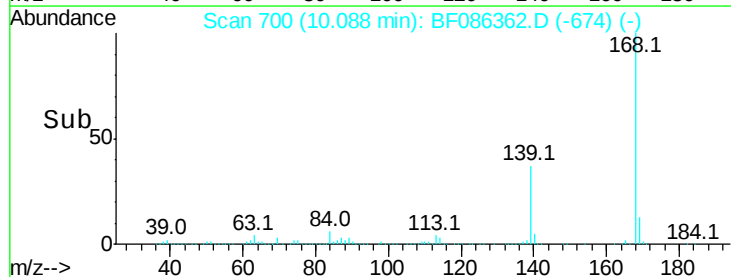
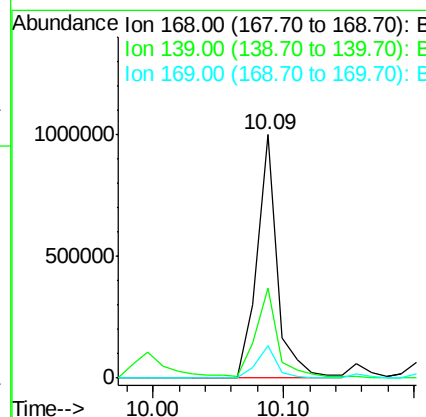
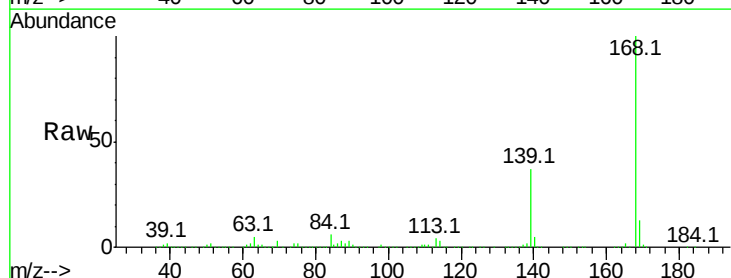
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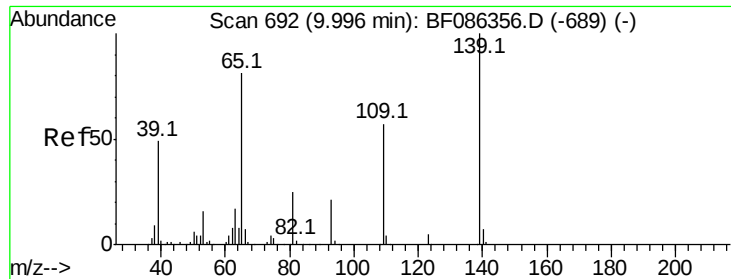
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#54
Dibenzofuran
Concen: 39.69 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1091601		
139	37.2	31.4	47.0	
169	13.4	10.7	16.1	





#55

4-Nitrophenol

Concen: 40.93 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

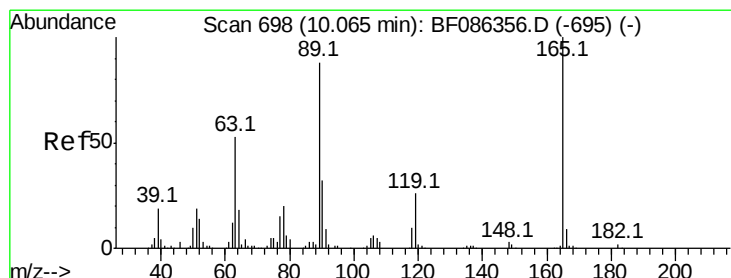
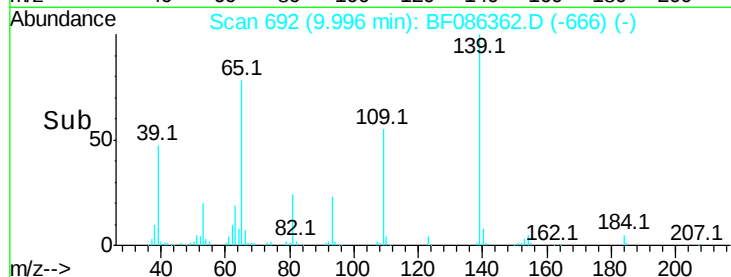
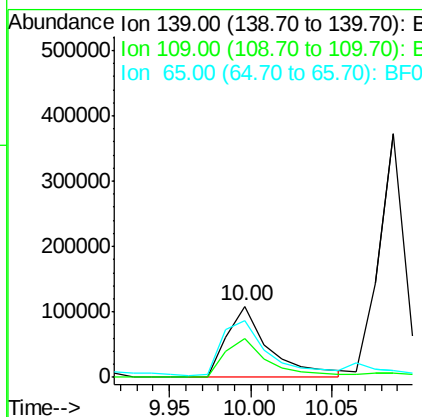
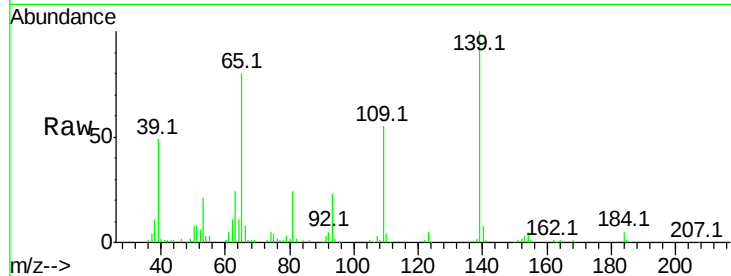
ClientSampleId :

SSTDCCC040

Tot Ion:139	Resp:	195913
Ion Ratio	Lower	Upper
139	100	
109	54.7	36.9 76.9
65	79.6	64.0 104.0

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#56

2,4-Dinitrotoluene

Concen: 40.07 ng

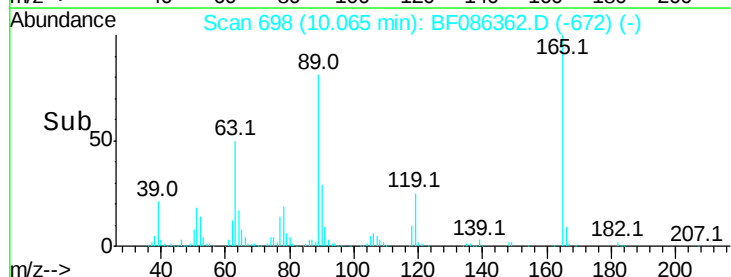
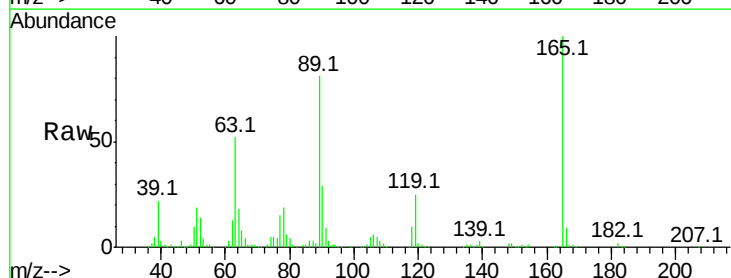
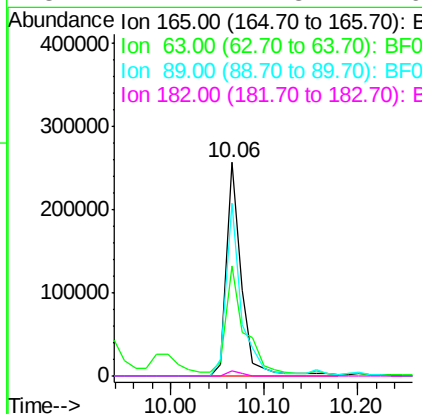
RT: 10.06 min Scan# 698

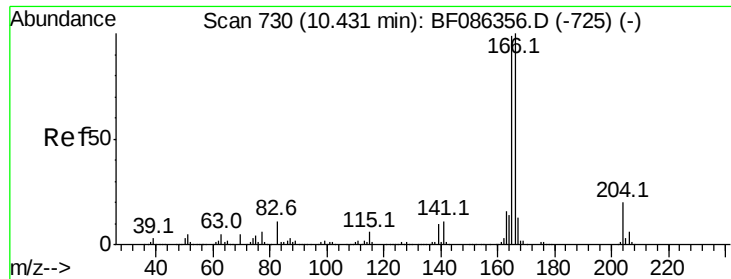
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:165	Resp:	290786
Ion Ratio	Lower	Upper
165	100	
63	51.5	44.3 66.5
89	81.1	70.0 105.0
182	2.2	1.8 2.6





#57

Fluorene

Concen: 38.56 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 869128

Ion Ratio Lower Upper

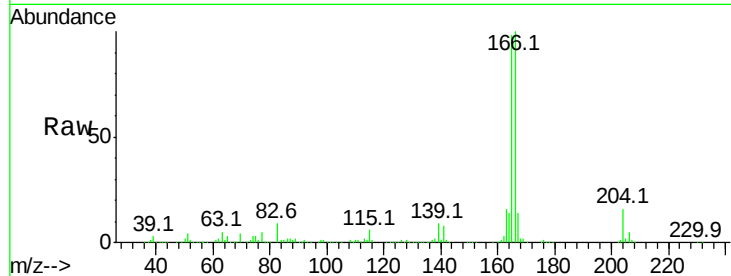
166 100

165 98.4 79.0 118.6

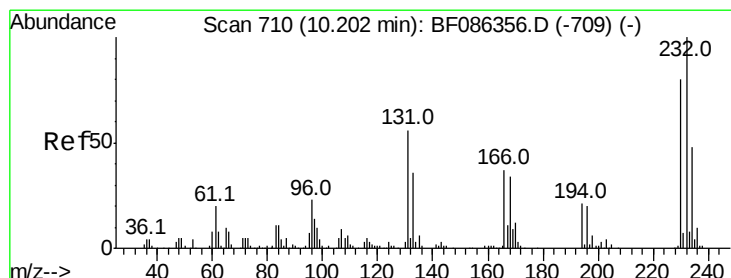
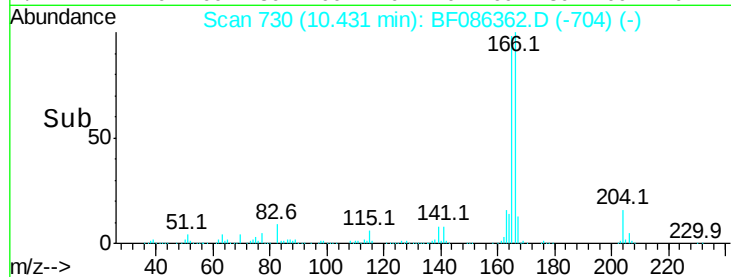
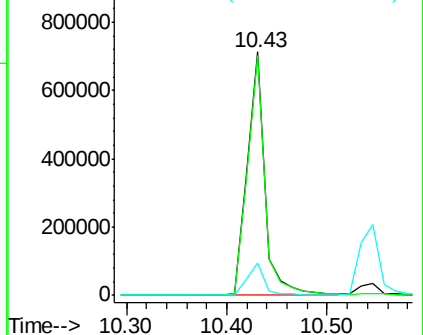
167 13.5 10.6 15.8

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.04 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:232 Resp: 219406

Ion Ratio Lower Upper

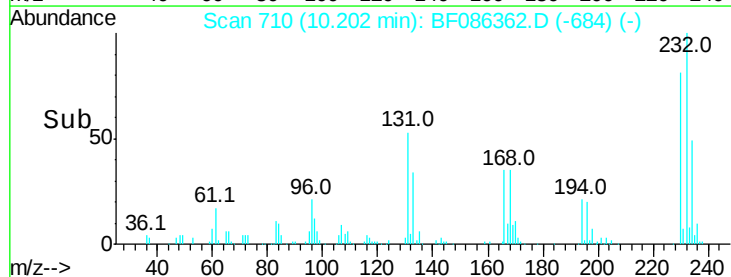
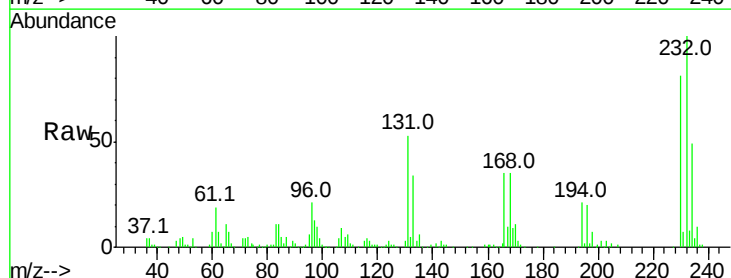
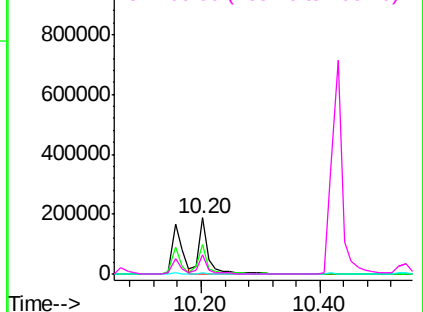
232 100

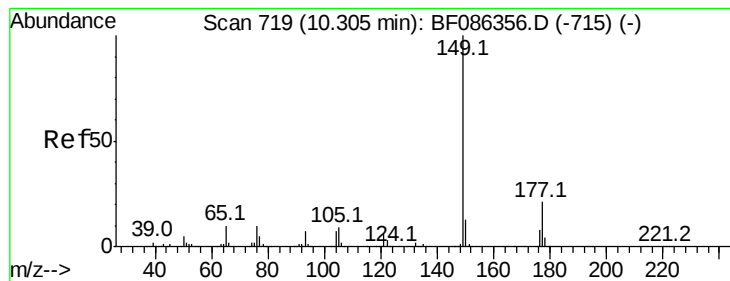
131 48.5 41.9 62.9

130 2.5 2.2 3.4

166 30.6 26.8 40.2

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: 39.34 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

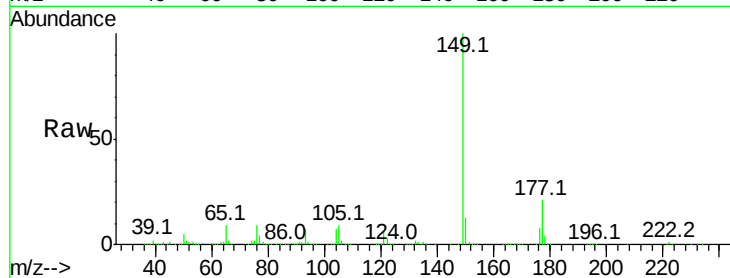
ClientSampleId :

SSTDCCC040

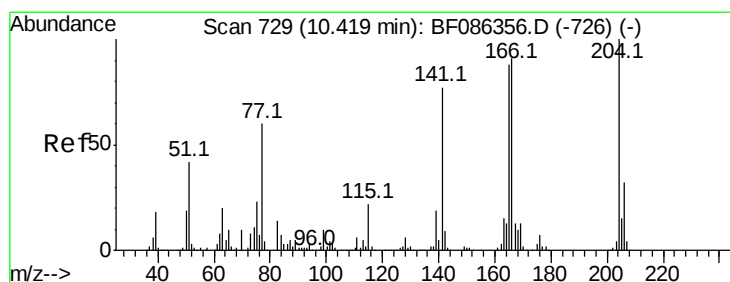
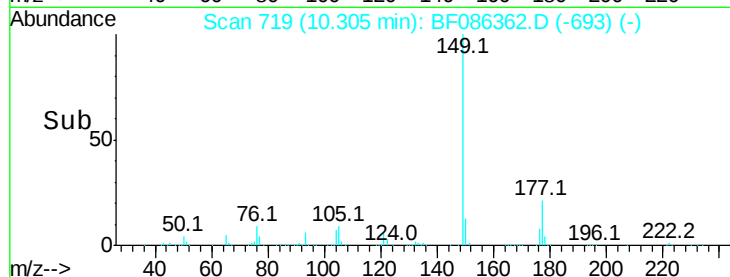
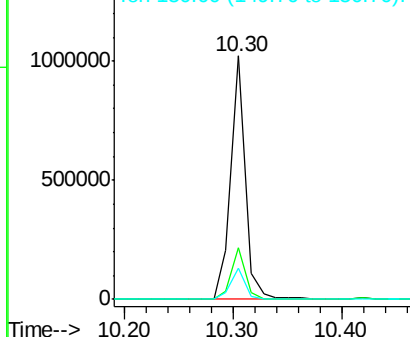
Tot Ion:	149	Resp:	953008
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.6	24.8
150	12.9	10.0	15.0

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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: 37.69 ng

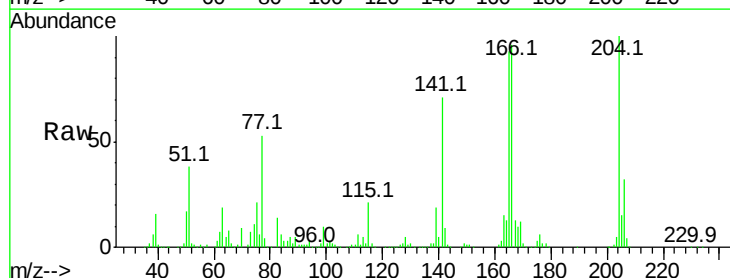
RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

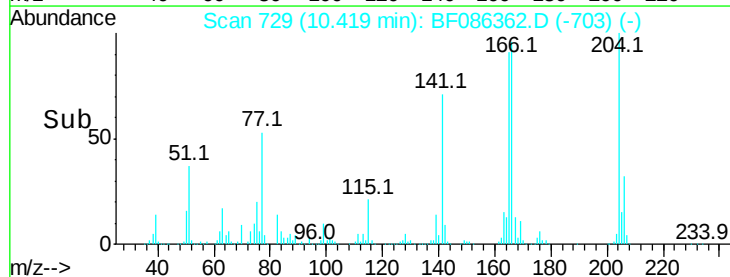
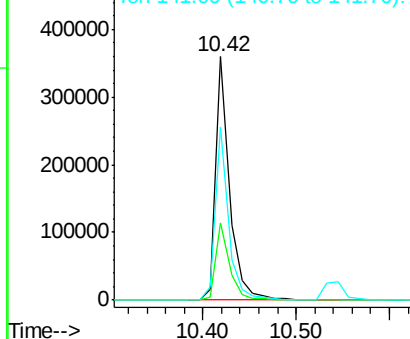
Lab File: BF086362.D

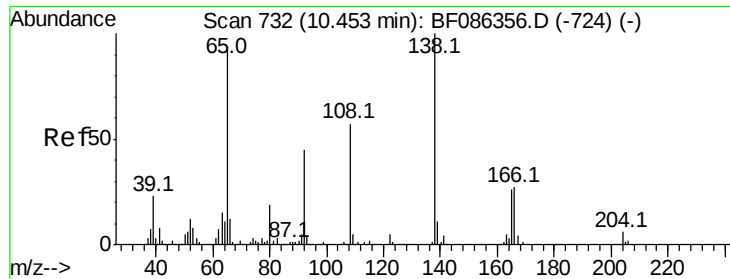
Acq: 23 Apr 2016 00:55

Tgt Ion:	204	Resp:	371536
Ion Ratio	Lower	Upper	
204	100		
206	31.7	25.4	38.0
141	71.3	61.6	92.4



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





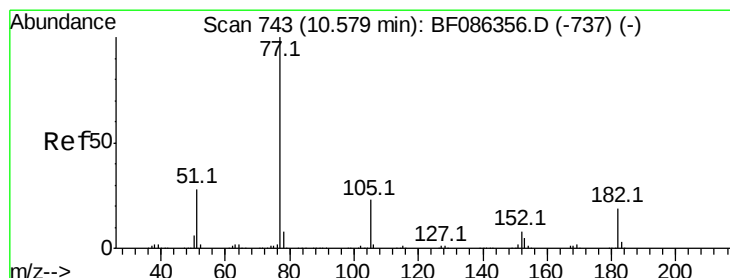
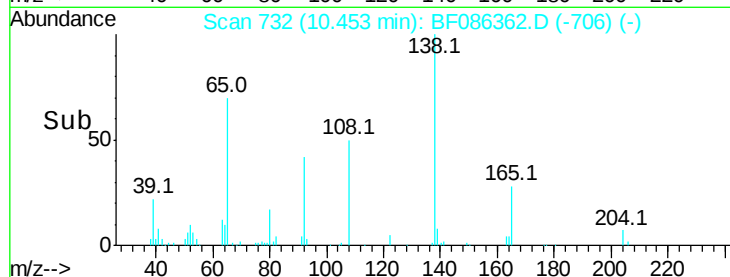
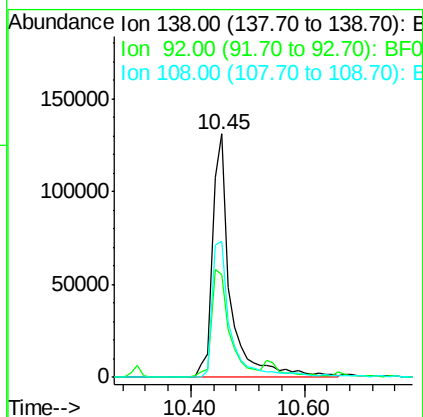
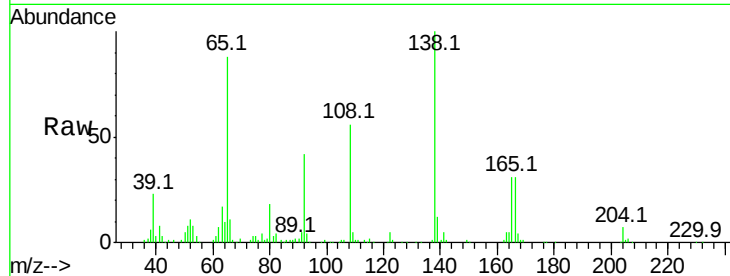
#61
4-Nitroaniline
Concen: 40.33 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.2	24.7	64.7
108	56.2	37.4	77.4

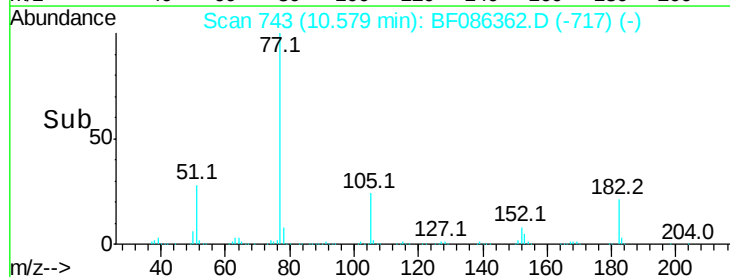
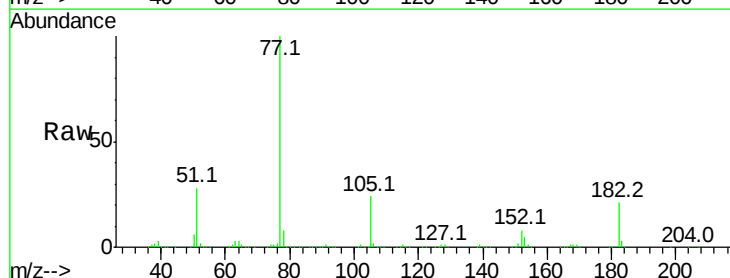
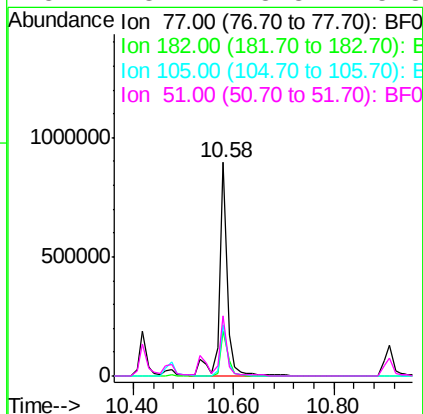
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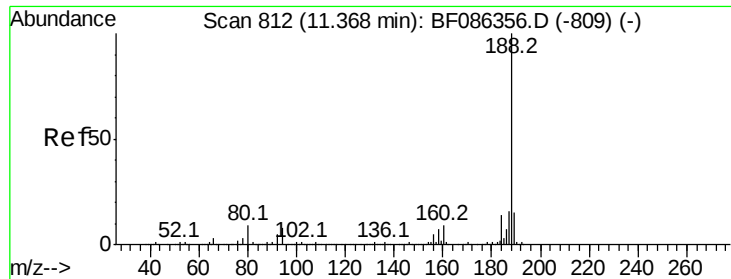
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#62
Azobenzene
Concen: 38.72 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.1	0.0	38.8
105	24.3	3.2	43.2
51	28.2	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

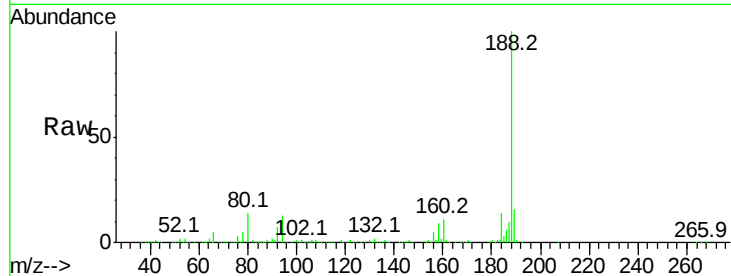
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	626644
Ion Ratio	Lower	Upper	
188	100		
94	13.0	6.8	10.2#
80	14.1	7.1	10.7#

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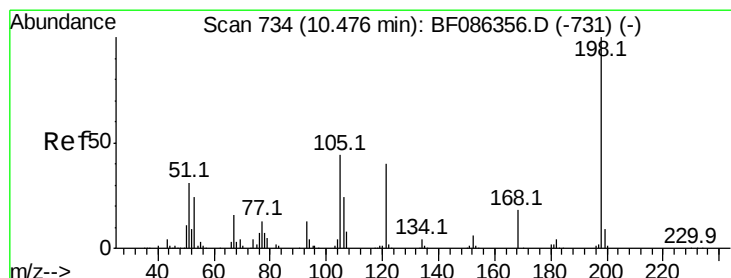
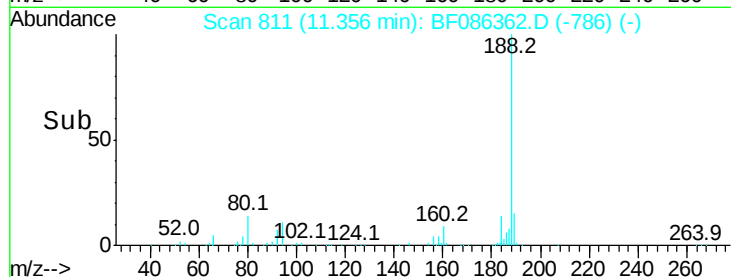
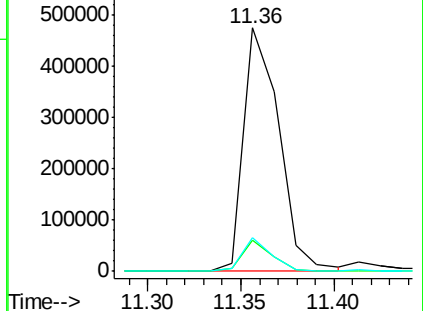
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.18 ng

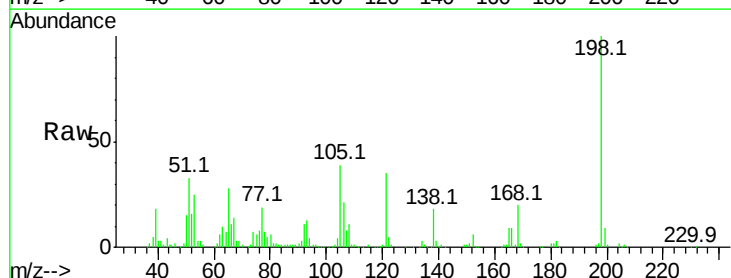
RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

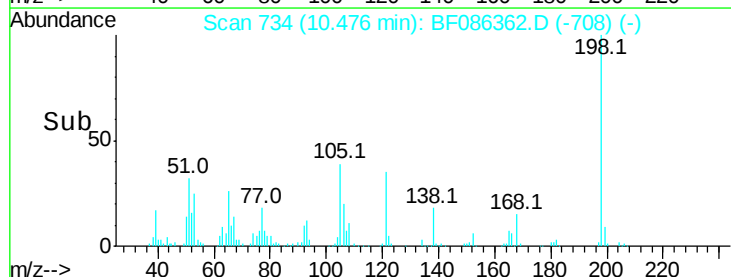
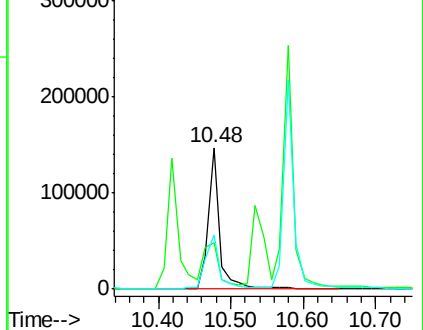
Tgt Ion:	198	Resp:	161501
Ion Ratio	Lower	Upper	
198	100		
51	32.8	20.5	60.5
105	38.7	24.5	64.5

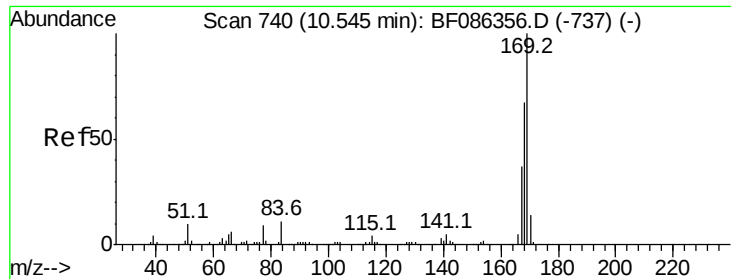


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





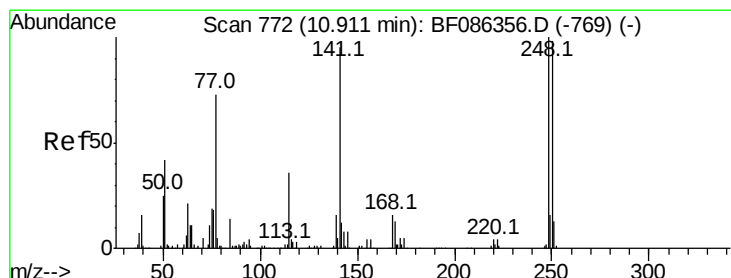
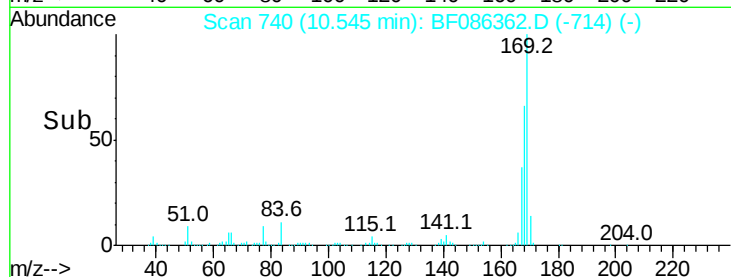
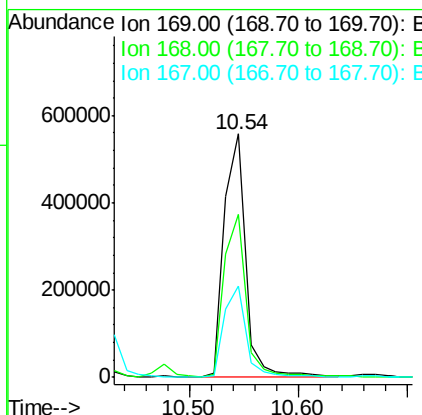
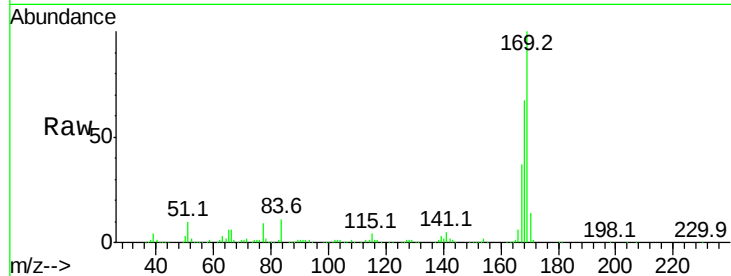
#65
n-Nitrosodiphenylamine
Concen: 39.91 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	771177		
168	67.1		53.8	80.6
167	37.5		29.5	44.3

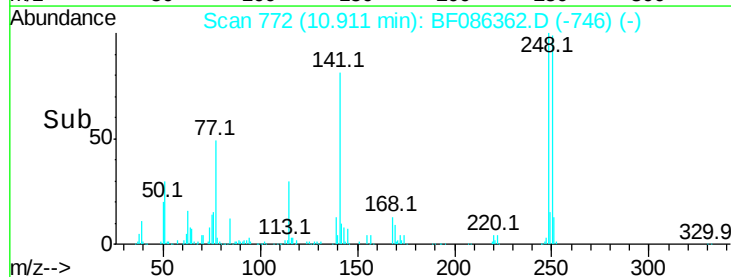
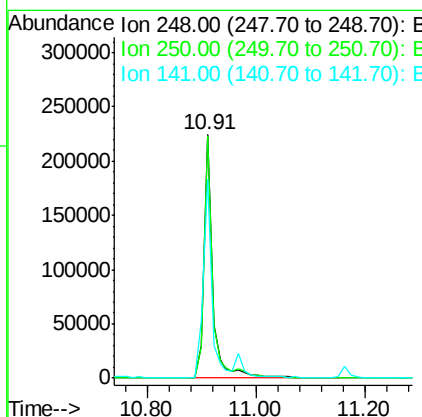
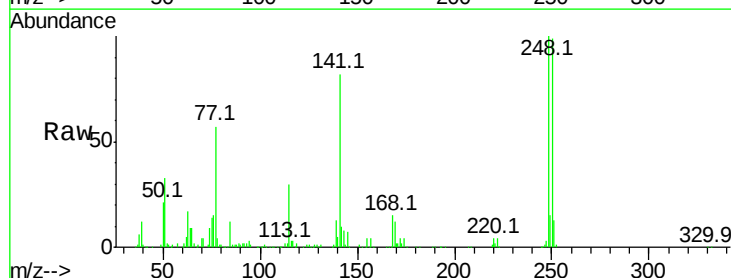
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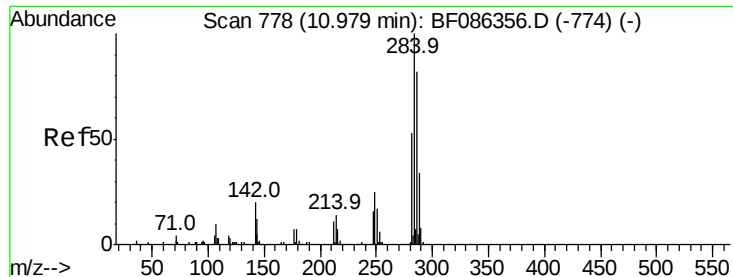
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#66
4-Bromophenyl-phenylether
Concen: 40.66 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	249466		
250	99.3		78.6	117.8
141	81.6		76.0	114.0





#67

Hexachlorobenzene

Concen: 38.02 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

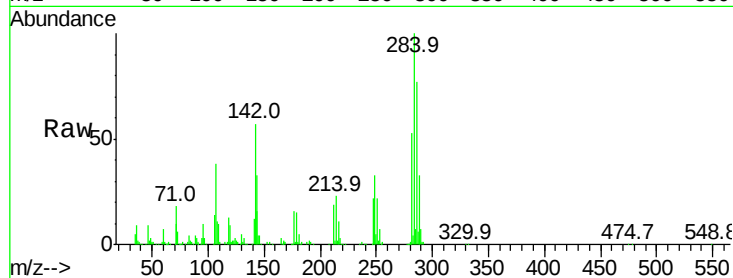
ClientSampleId :

SSTDCCC040

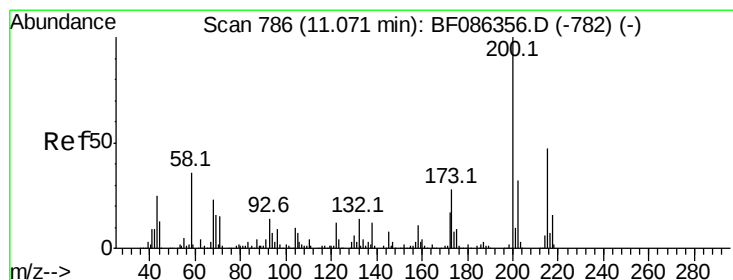
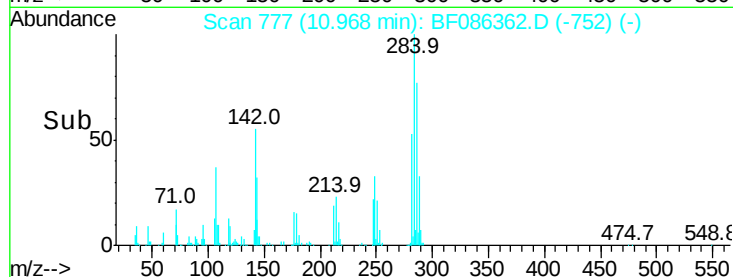
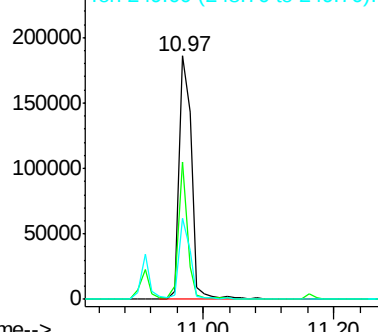
Tot Ion:	284	Resp:	248923
Ion Ratio	Lower	Upper	
284	100		
142	56.6	16.7	25.1#
249	33.5	21.3	31.9#

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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: 41.73 ng

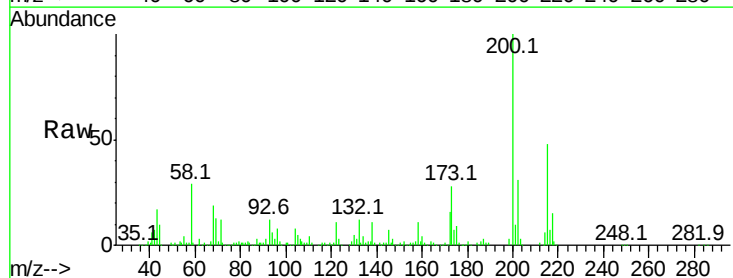
RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

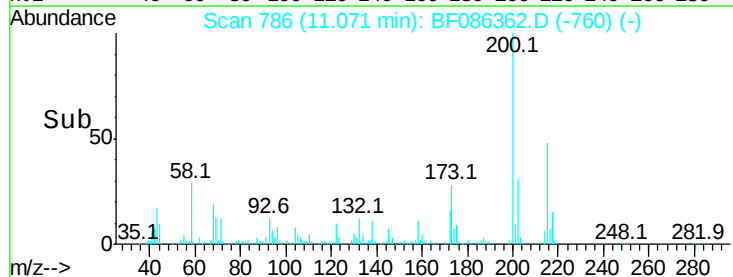
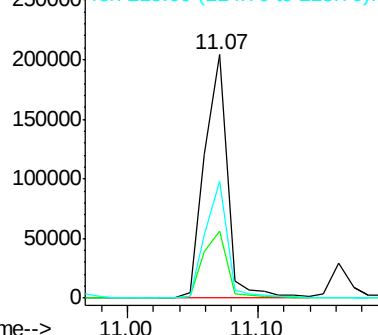
Lab File: BF086362.D

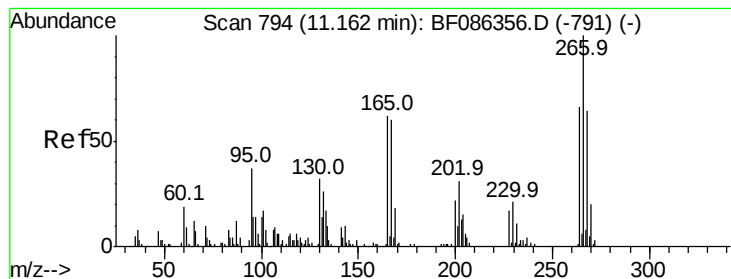
Acq: 23 Apr 2016 00:55

Tgt Ion:	200	Resp:	248982
Ion Ratio	Lower	Upper	
200	100		
173	27.5	8.5	48.5
215	47.9	27.2	67.2



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: 43.39 ng

RT: 11.16 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

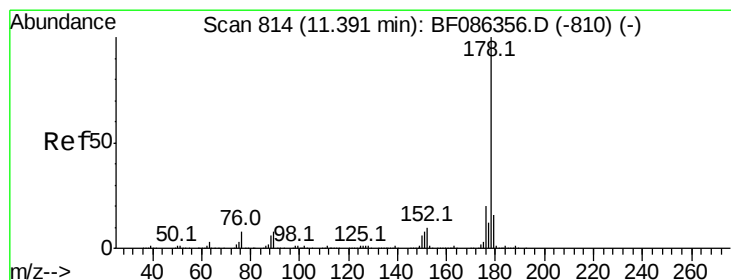
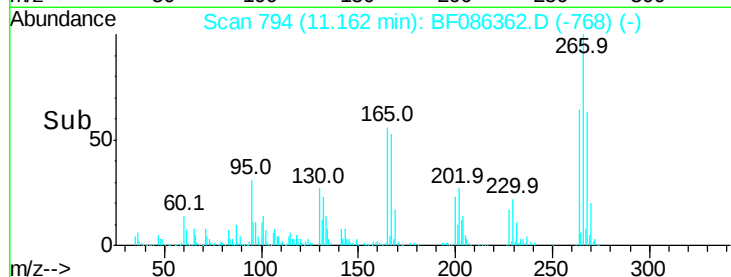
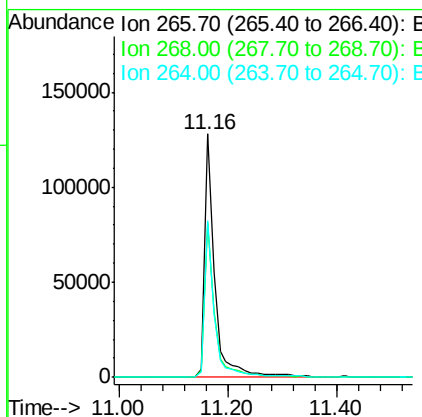
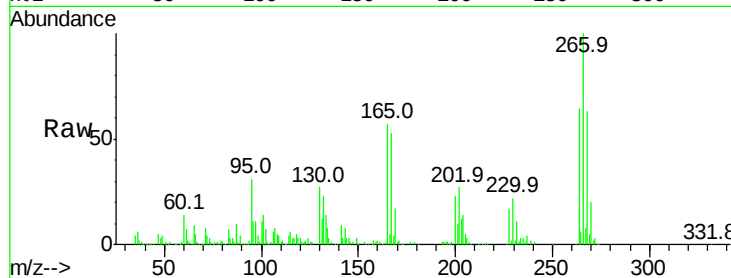
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	166817		
268	63.2	51.5	77.3	
264	64.1	52.9	79.3	

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#70

Phenanthrene

Concen: 39.27 ng

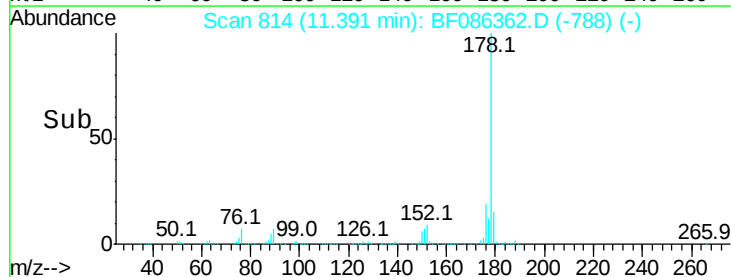
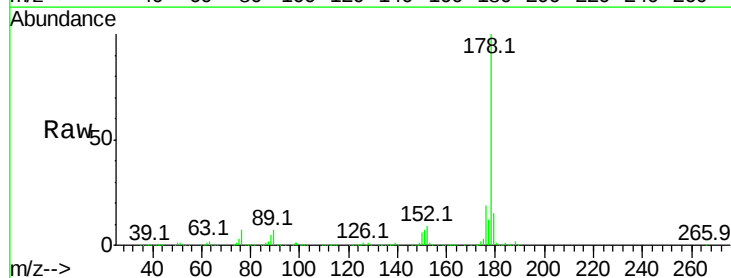
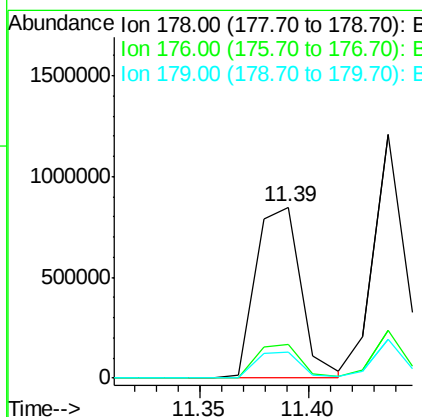
RT: 11.39 min Scan# 814

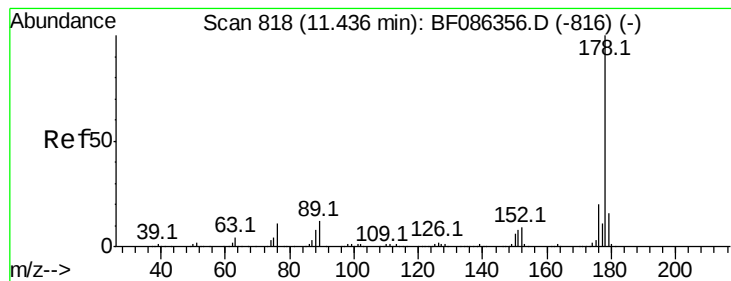
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1236531		
176	19.4	16.0	24.0	
179	14.9	12.6	18.8	





#71
 Anthracene
 Concen: 38.82 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

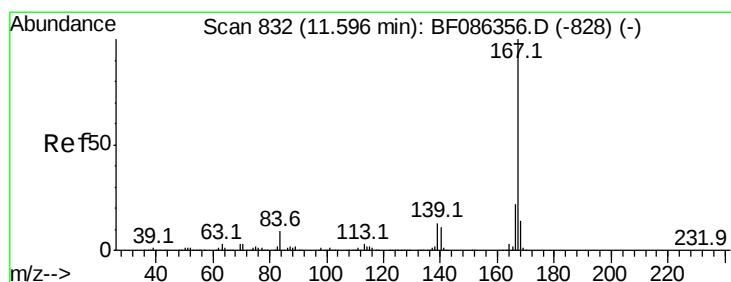
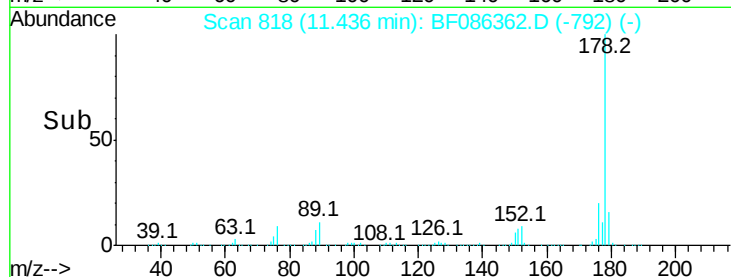
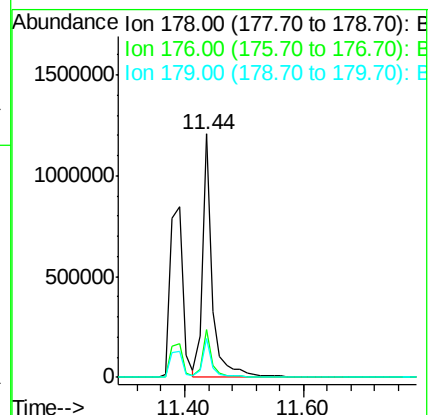
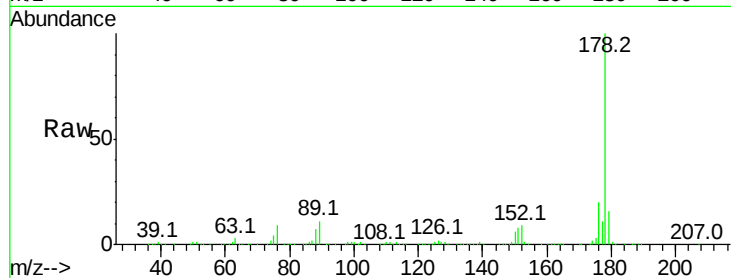
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1400634

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.9	12.7	19.1

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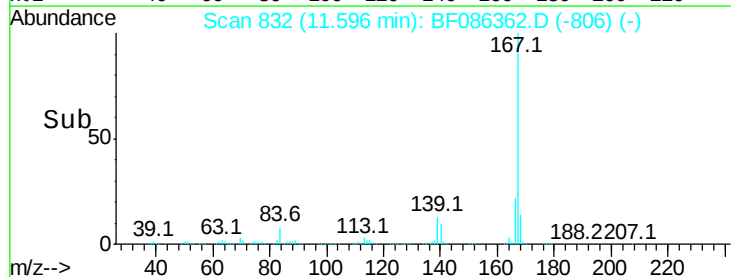
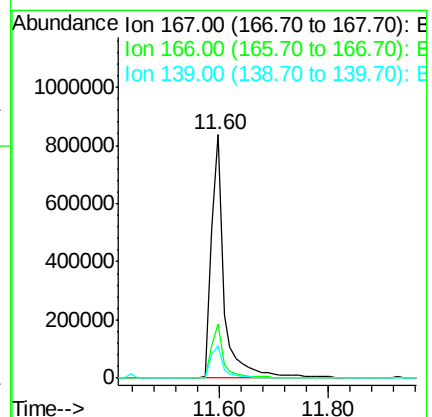
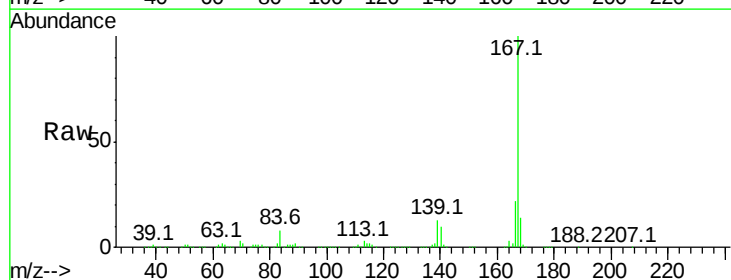
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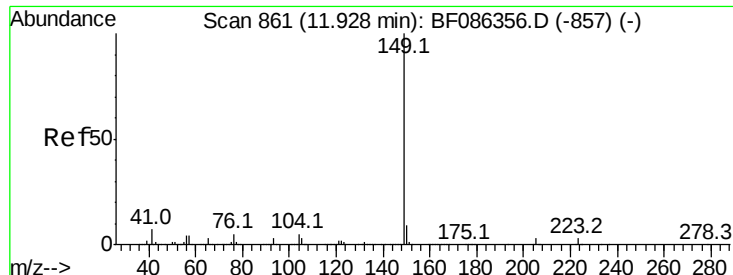


#72
 Carbazole
 Concen: 40.23 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Tgt Ion:167 Resp: 1363375

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	13.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 41.53 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1480368

Ion Ratio Lower Upper

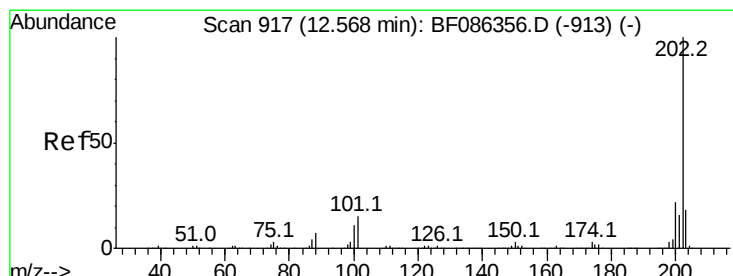
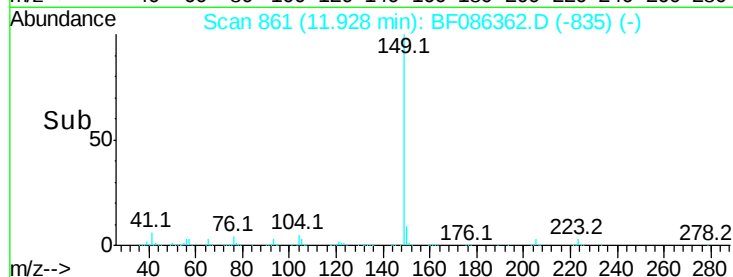
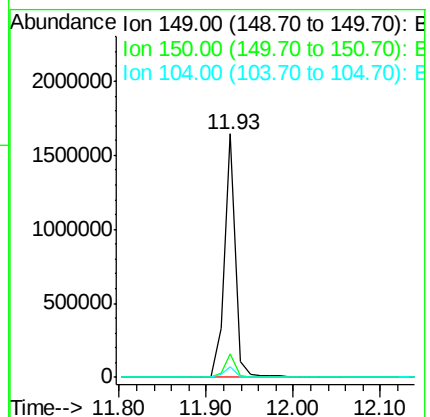
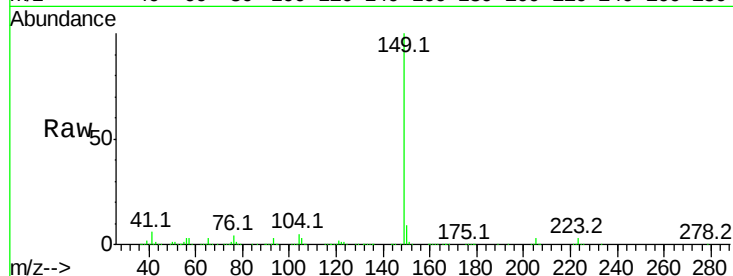
149 100

150 9.4 7.6 11.4

104 4.6 3.8 5.6

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#74

Fluoranthene

Concen: 39.04 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

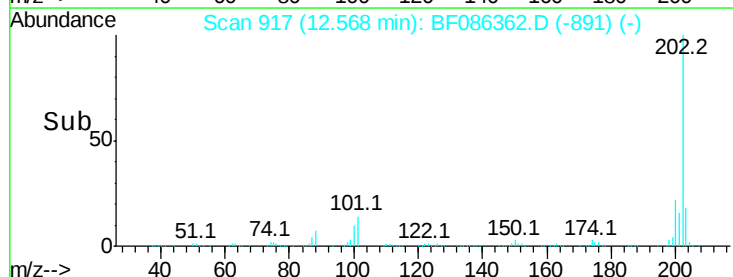
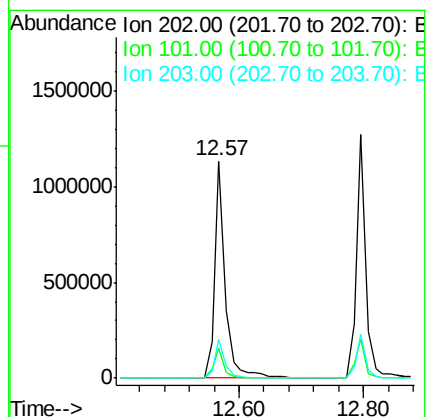
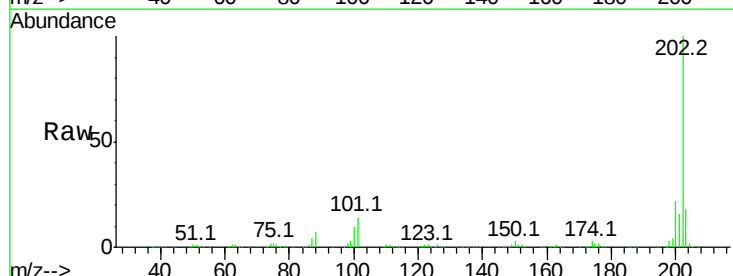
Tgt Ion:202 Resp: 1325762

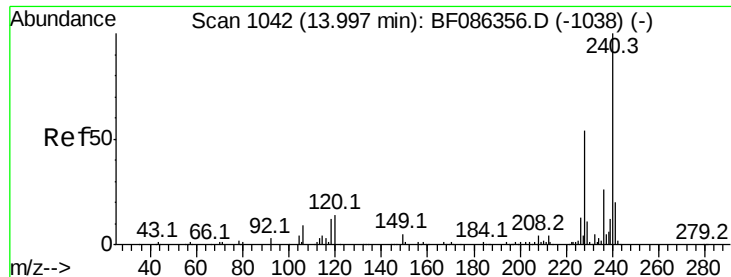
Ion Ratio Lower Upper

202 100

101 13.6 0.0 35.4

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

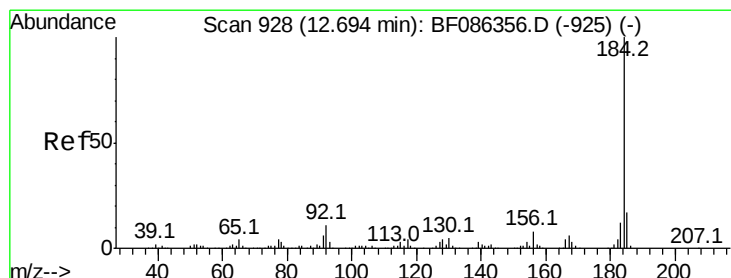
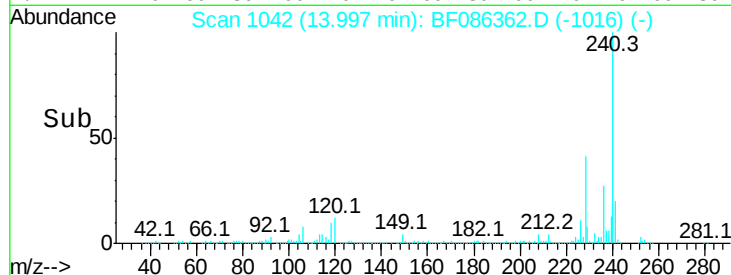
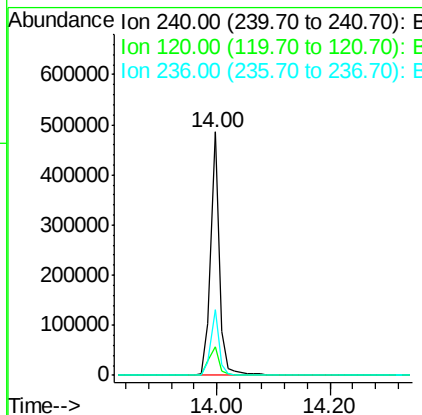
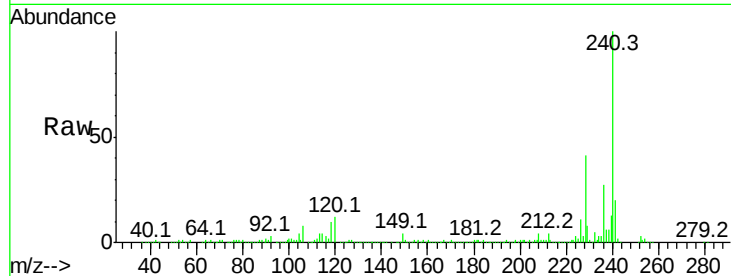
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	499939
Ion Ratio	Lower	Upper	
240	100		
120	11.8	11.2	16.8
236	27.0	21.2	31.8

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#76

Benzidine

Concen: 40.70 ng

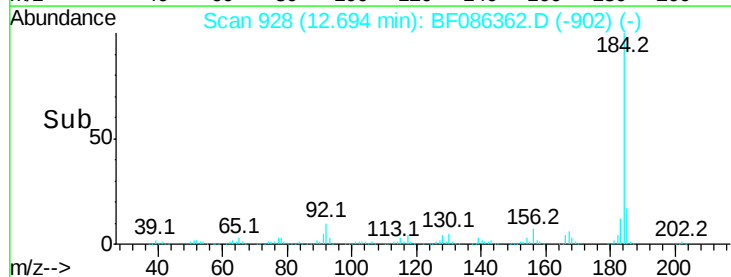
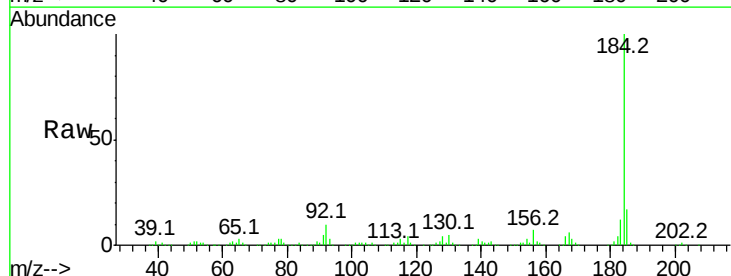
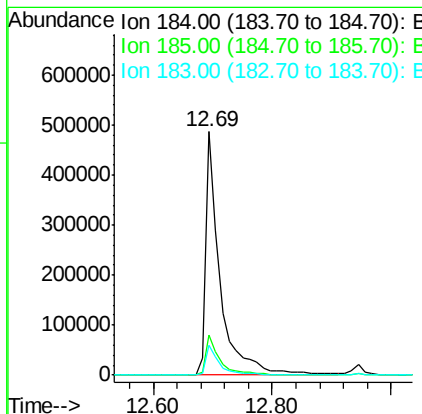
RT: 12.69 min Scan# 928

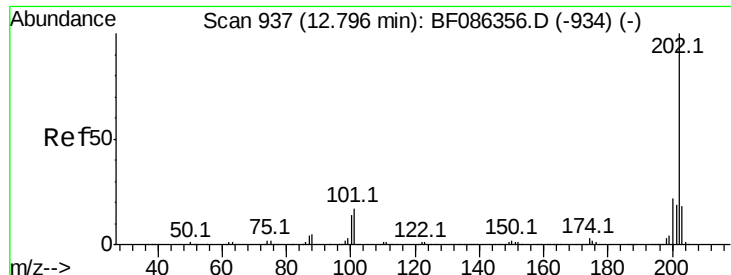
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion:	184	Resp:	834317
Ion Ratio	Lower	Upper	
184	100		
185	16.6	13.6	20.4
183	12.2	9.8	14.6





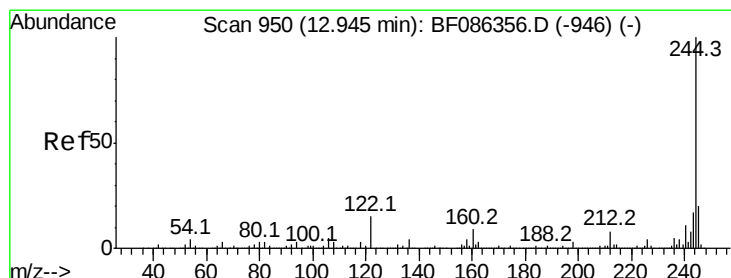
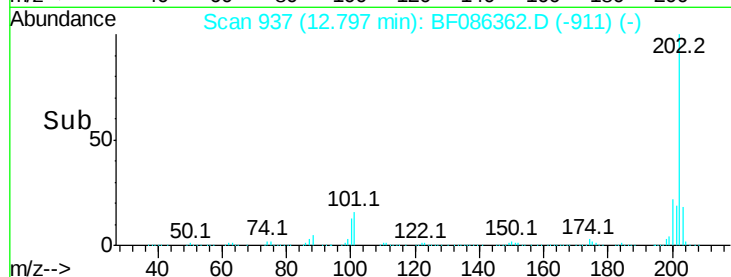
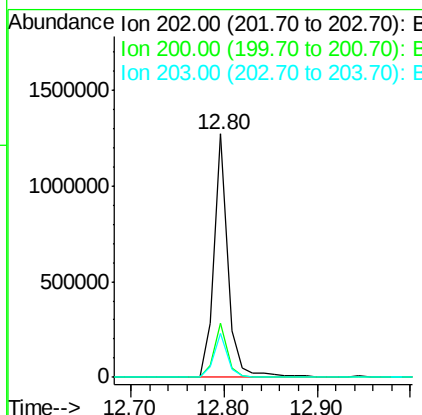
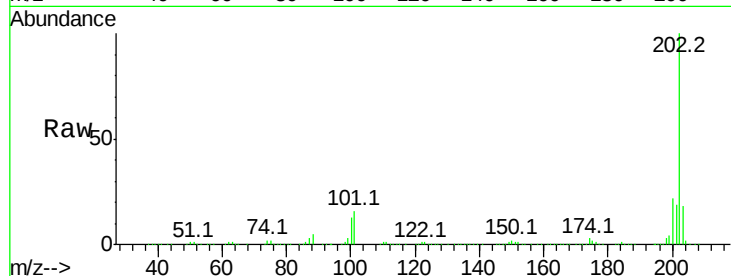
#77
Pvrene
Concen: 37.97 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.0	14.2	21.4

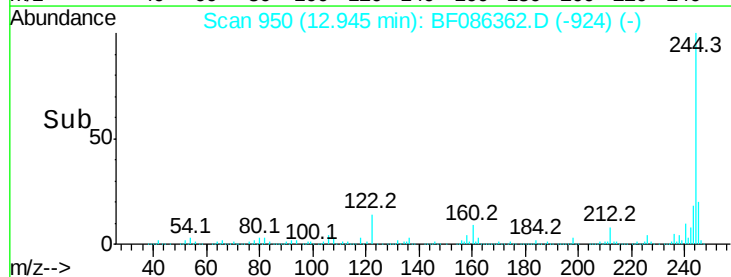
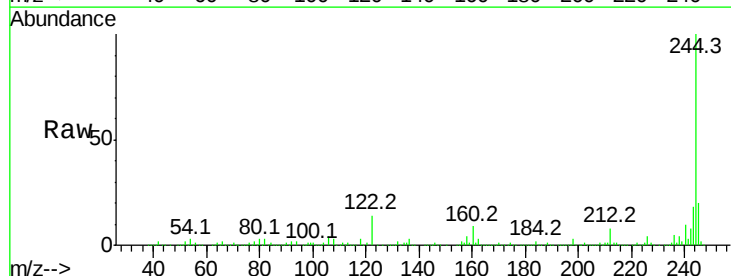
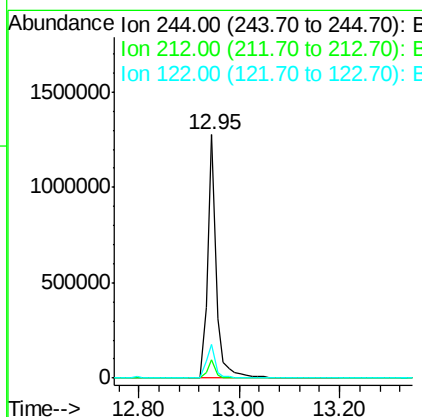
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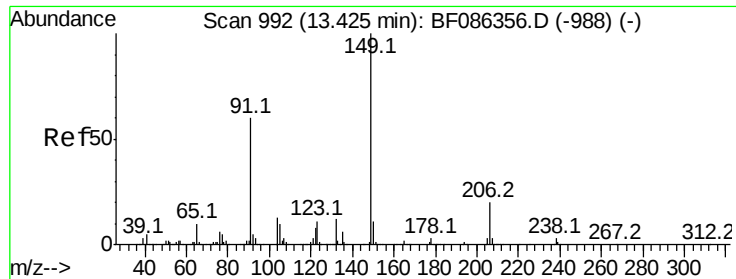
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#78
Terphenyl-d14
Concen: 75.42 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.9	12.0	18.0





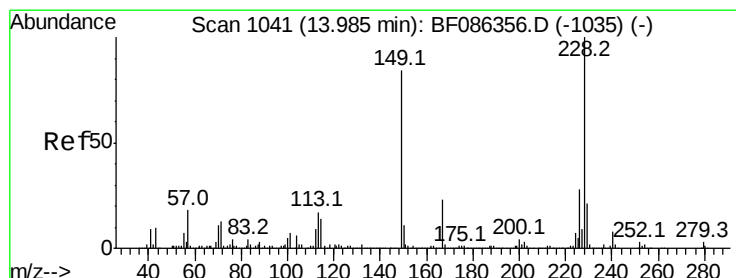
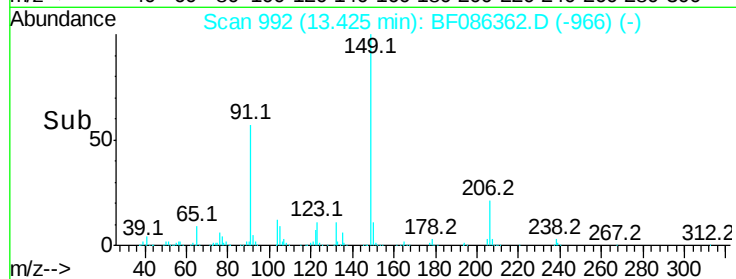
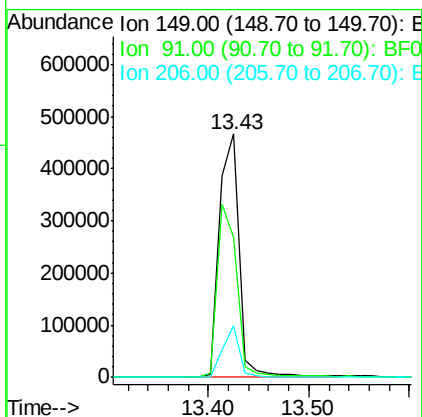
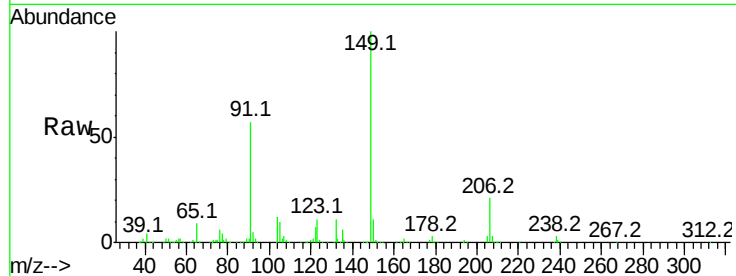
#79
Butylbenzylphthalate
Concen: 39.50 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	641648		
91	57.5	48.0	72.0	
206	21.2	15.8	23.6	

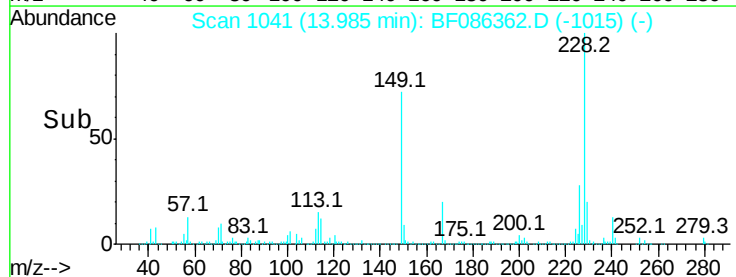
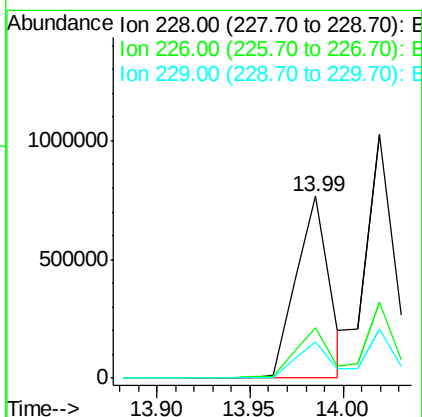
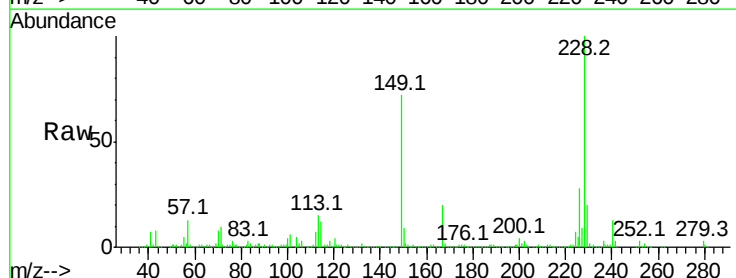
Manual Integrations
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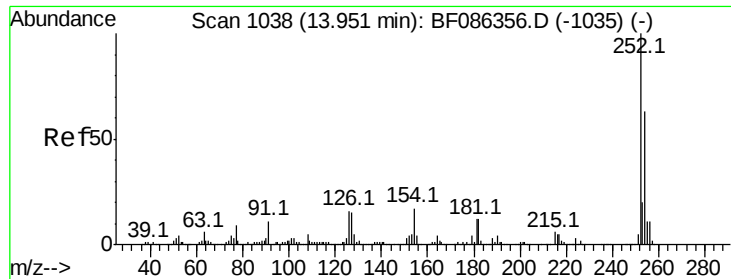
sohil
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#80
Benzo(a)anthracene
Concen: 36.80 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	955083		
226	27.8	22.5	33.7	
229	19.7	16.6	25.0	





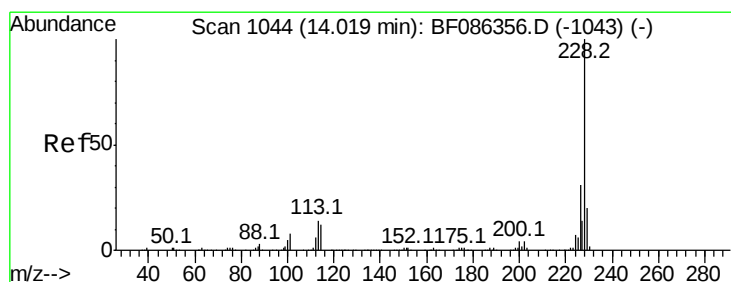
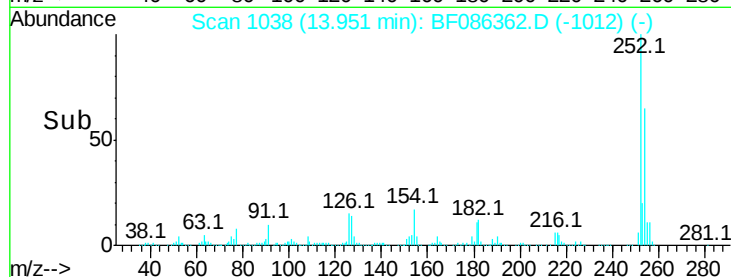
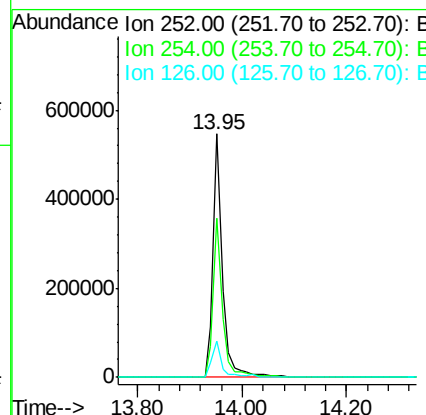
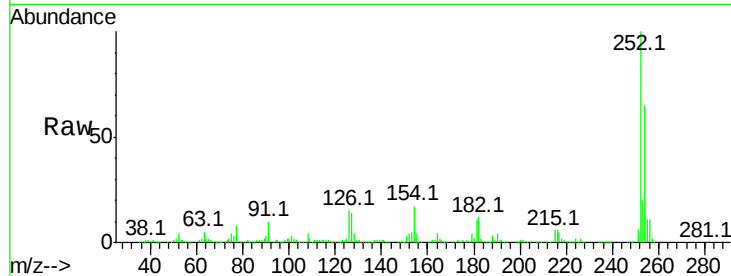
#81
 3,3'-Dichlorobenzidine
 Concen: 38.45 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.7	76.1
126	14.8	12.7	19.1

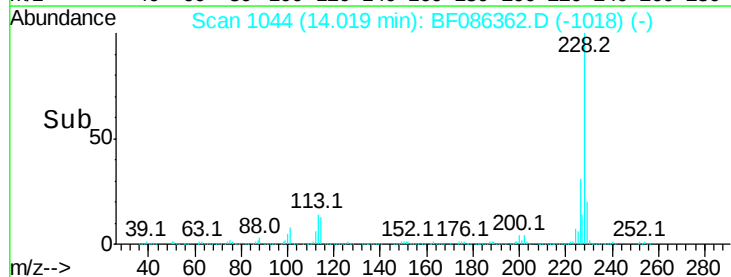
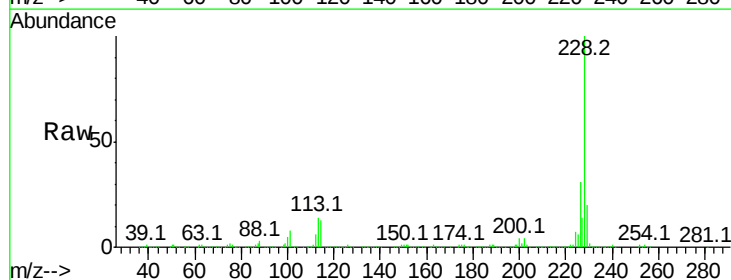
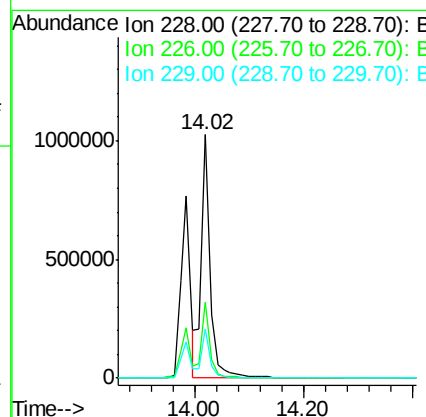
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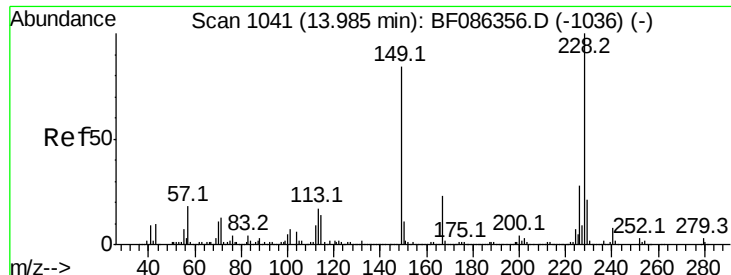
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#82
 Chrysene
 Concen: 39.24 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.1	15.8	23.8





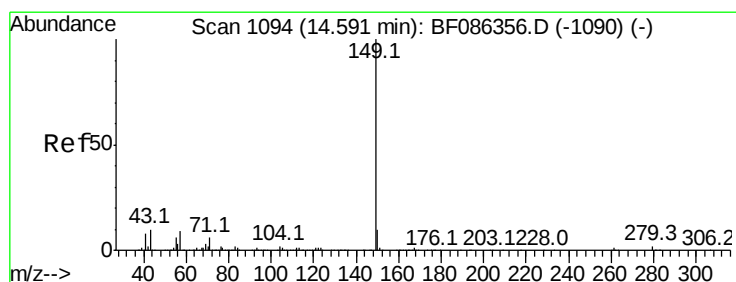
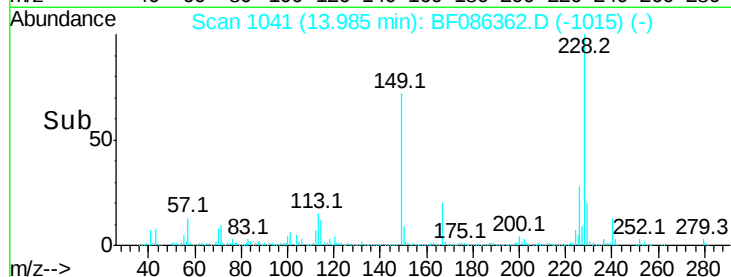
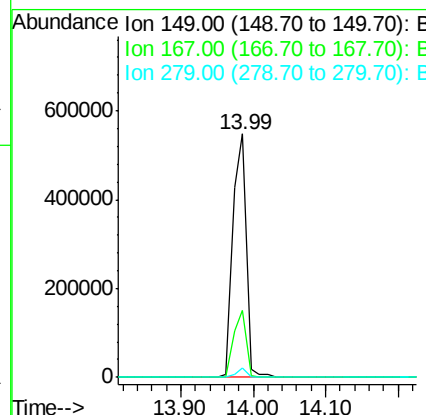
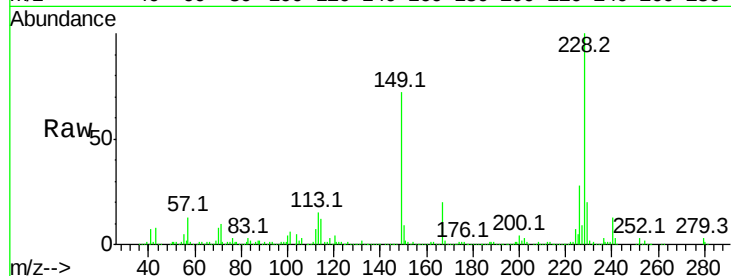
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.69 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.5	21.8	32.6	
279	4.0	2.6	4.0	

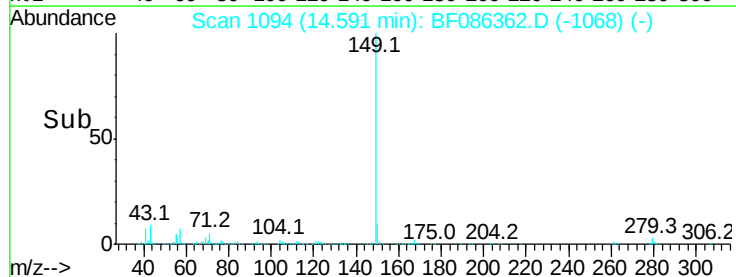
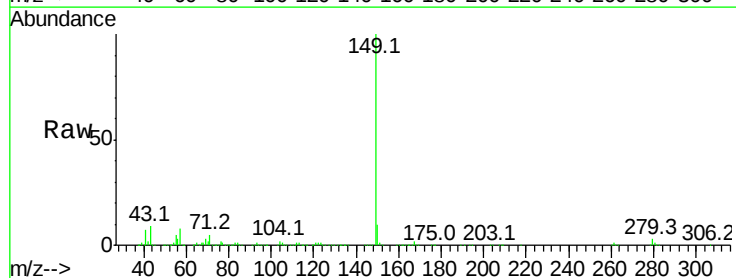
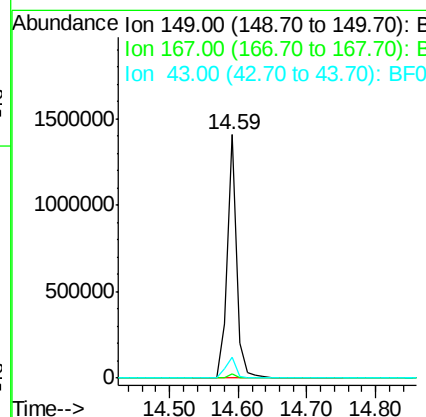
Manual Integrations
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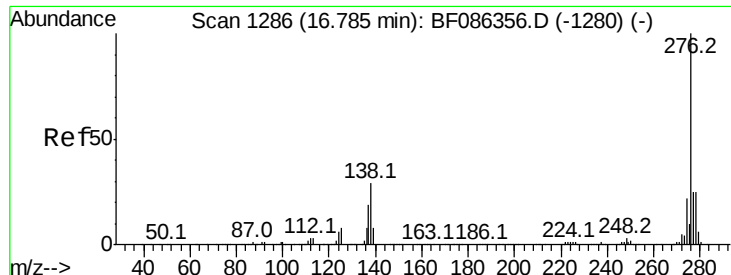
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#84
 Di-n-octyl phthalate
 Concen: 39.36 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.8	8.2	12.4	





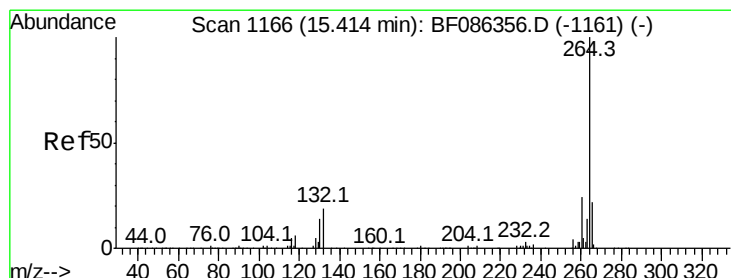
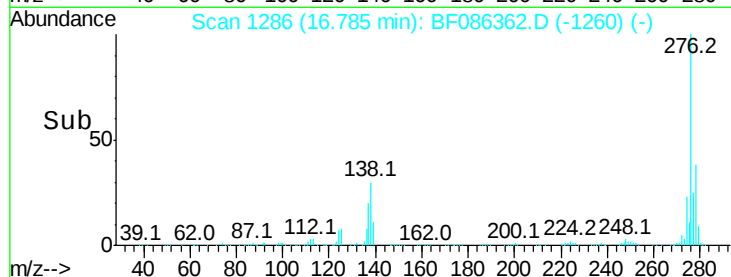
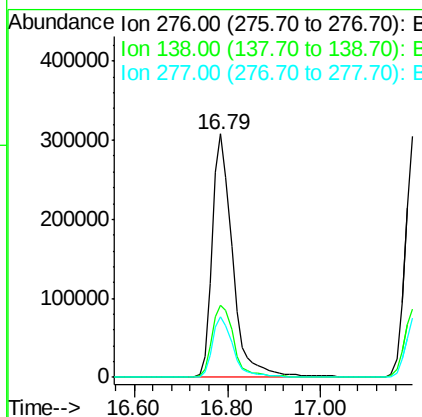
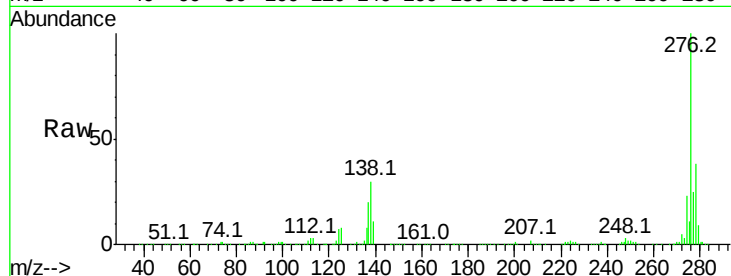
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.29 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	943360		
138	32.0	25.6	38.4	
277	25.3	20.5	30.7	

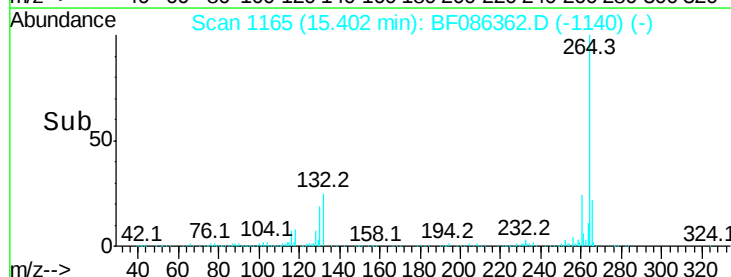
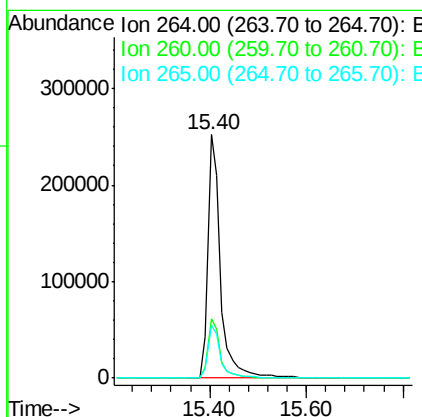
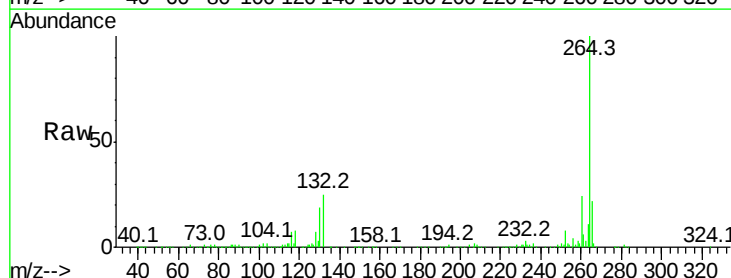
Manual Integrations
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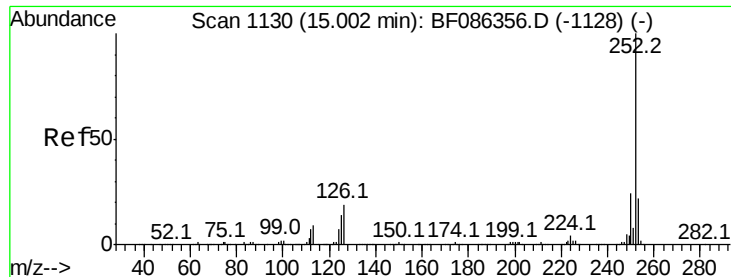
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	460378		
260	24.4	19.5	29.3	
265	21.8	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 35.31 ng m

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Instrument :

BNA_F

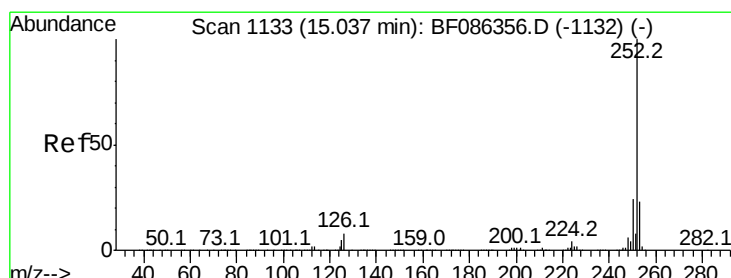
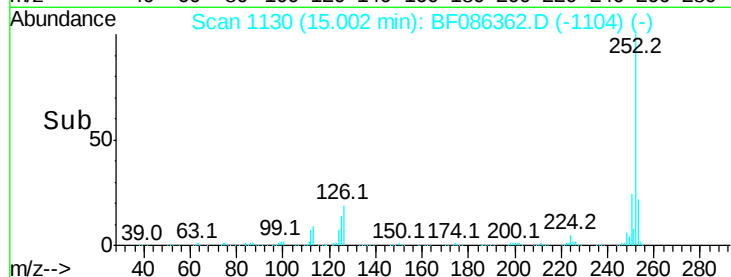
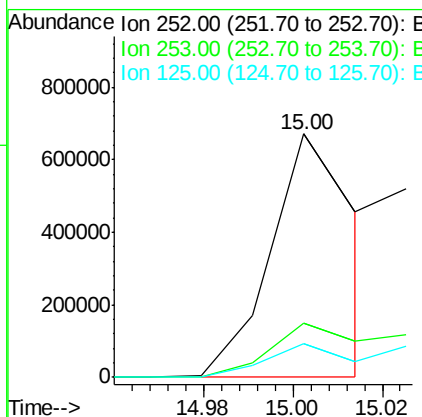
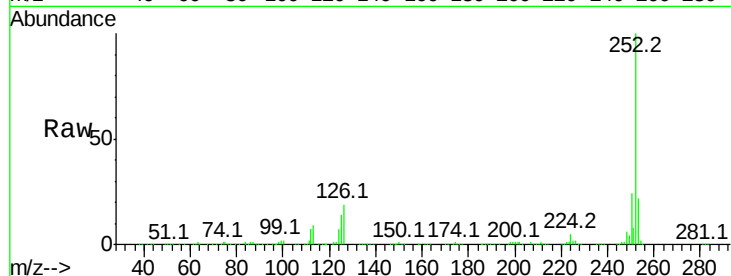
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	13.8	11.4	17.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 45.88 ng m

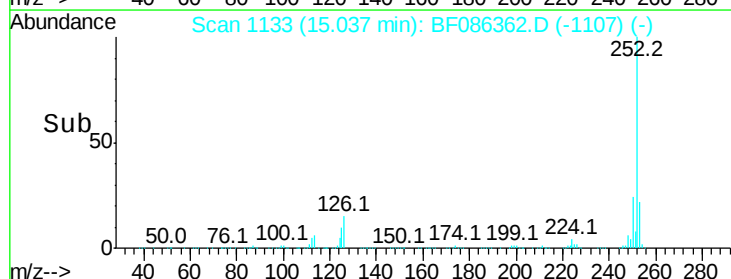
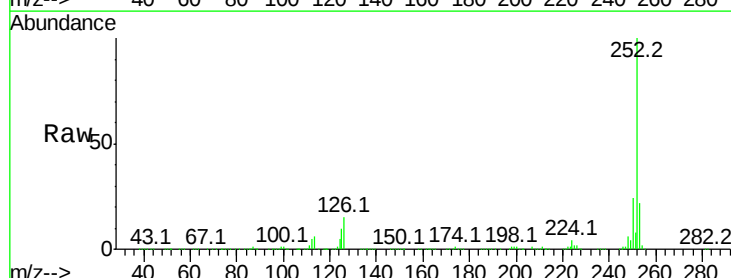
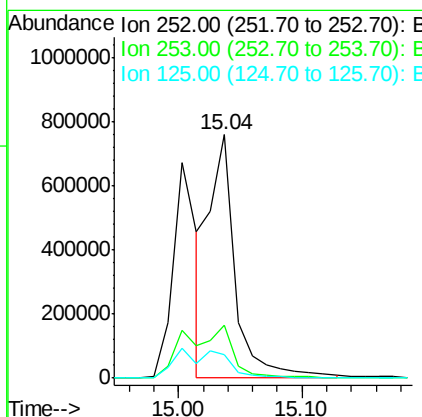
RT: 15.04 min Scan# 1133

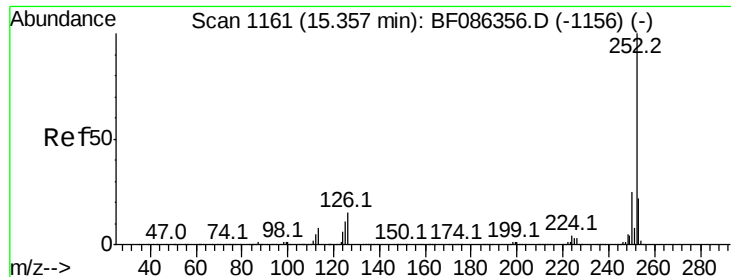
Delta R.T. 0.00 min

Lab File: BF086362.D

Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.9	9.1	13.7





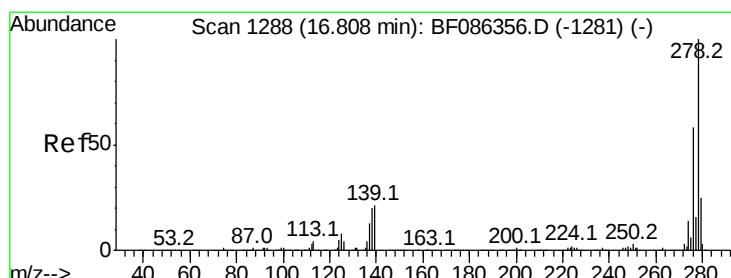
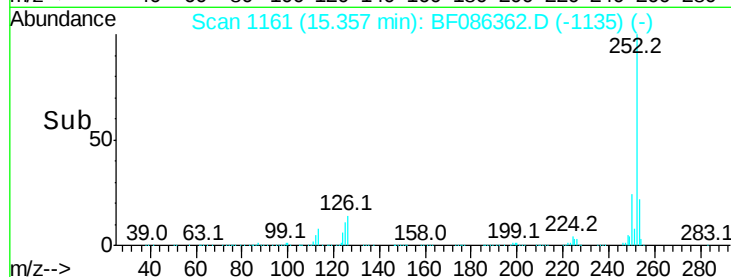
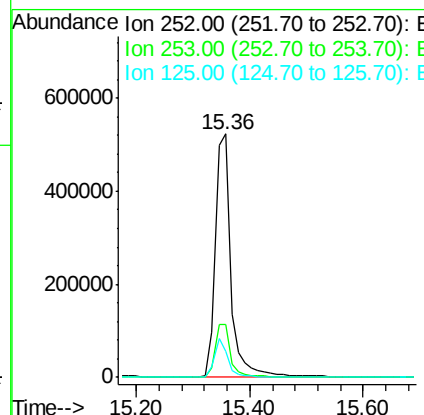
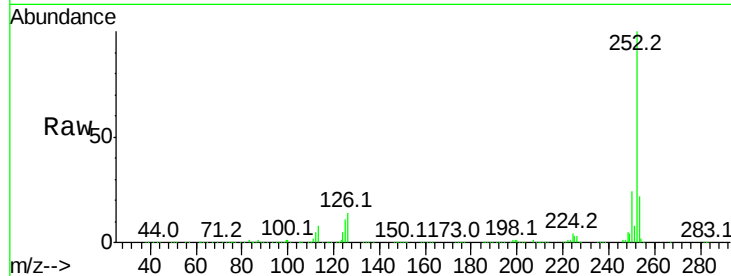
#89
Benzo(a)pyrene
Concen: 38.88 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.7	9.0	13.6

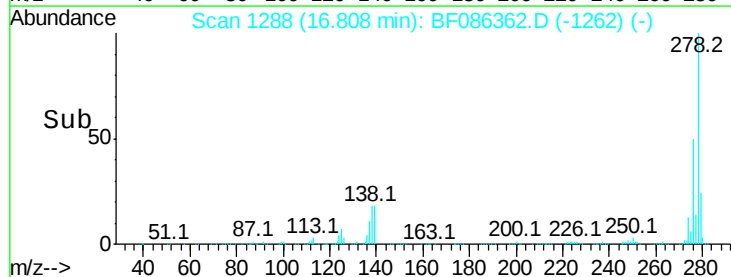
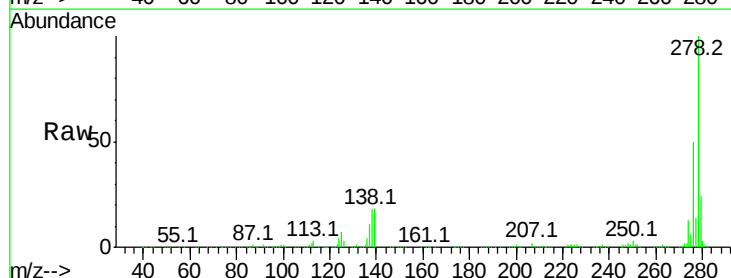
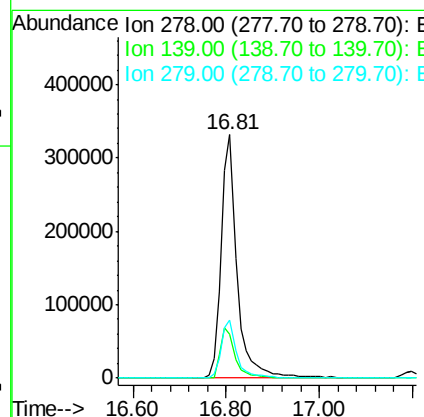
Manual Integrations
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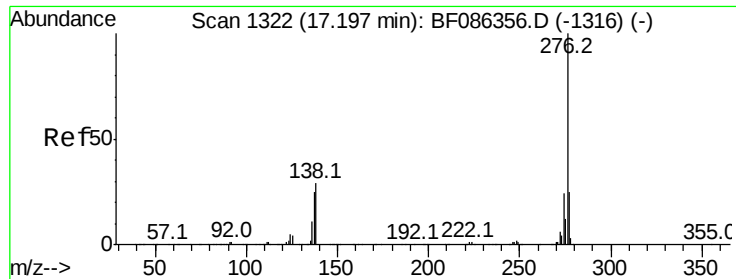
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 37.96 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF086362.D
Acq: 23 Apr 2016 00:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.6	24.8
279	23.6	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.22 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF086362.D
 Acq: 23 Apr 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.4	19.6	29.4
138	28.3	23.6	35.4

Manual Integrations
 APPROVED

sohil
 4/25/2016 12:35:40 PM

