

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086358.D
 Acq On : 22 Apr 2016 21:52
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
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 4/25/2016 12:35:42 PM

Quant Time: Apr 23 00:01:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 23:16:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	167343	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	742041	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	353641	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	655249	20.00	ng	0.00
75) Chrysene-d12	14.00	240	468583	20.00	ng	0.00
86) Perylene-d12	15.41	264	439086	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1220823	127.26	ng	0.01
7) Phenol-d6	6.48	99	1512375	119.67	ng	0.00
23) Nitrobenzene-d5	7.41	82	1361773	105.21	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	351898	124.95	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2038717	95.68	ng	0.00
78) Terphenyl-d14	12.95	244	2059103	106.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	318911	61.67	ng	97
3) Pyridine	3.13	79	791871	58.96	ng	96
4) n-Nitrosodimethylamine	3.08	42	300164	65.74	ng	99
6) Aniline	6.51	93	1028429	61.12	ng	89
8) 2-Chlorophenol	6.62	128	648136	56.60	ng	94
9) Benzaldehyde	6.38	77	427387	48.51	ng	99
10) Phenol	6.49	94	813394	55.92	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	713293	56.74	ng	98
12) 1,3-Dichlorobenzene	6.78	146	738387	59.06	ng	97
13) 1,4-Dichlorobenzene	6.86	146	786893	58.73	ng	99
14) 1,2-Dichlorobenzene	7.01	146	644784	53.97	ng	96
15) Benzyl Alcohol	6.99	79	487043	62.49	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	962817	55.05	ng	100
17) 2-Methylphenol	7.10	107	584896	61.37	ng	99
18) Hexachloroethane	7.36	117	250290	62.39	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	409001	53.69	ng	# 85
20) 3+4-Methylphenols	7.26	107	605525	58.39	ng	93
22) Acetophenone	7.26	105	855886	54.67	ng	# 90
24) Nitrobenzene	7.44	77	798568	57.75	ng	# 84
25) Isophorone	7.68	82	1355397	55.40	ng	95
26) 2-Nitrophenol	7.74	139	399949	64.33	ng	93
27) 2,4-Dimethylphenol	7.79	122	675789	55.94	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	750954	52.92	ng	99
29) 2,4-Dichlorophenol	7.98	162	563009	58.57	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	584101	56.55	ng	99
31) Naphthalene	8.16	128	2082075m	58.53	ng	
32) Benzoic acid	7.93	122	494045	68.85	ng	96
33) 4-Chloroaniline	8.20	127	856205	58.11	ng	97
34) Hexachlorobutadiene	8.27	225	270043	51.95	ng	98
35) Caprolactam	8.59	113	219471	70.61	ng	# 85
36) 4-Chloro-3-methylphenol	8.68	107	598375	55.01	ng	96
37) 2-Methylnaphthalene	8.84	142	1168881	53.25	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	509445	54.33	ng	100
40) Hexachlorocyclopentadiene	9.00	237	275454	120.27	ng	92

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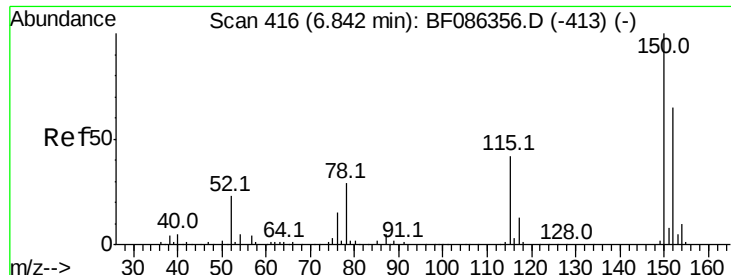
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	358640	55.21	nq	100
43) 2,4,5-Trichlorophenol	9.16	196	425690	59.79	nq	98
45) 1,1'-Biphenyl	9.31	154	1500765	54.23	nq	98
46) 2-Chloronaphthalene	9.33	162	1218270	57.96	nq	98
47) 2-Nitroaniline	9.42	65	412517	57.77	nq	90
48) Acenaphthylene	9.74	152	1840507	55.40	nq	100
49) Dimethylphthalate	9.61	163	1376733	51.12	nq	99
50) 2,6-Dinitrotoluene	9.68	165	346569	62.50	nq	# 66
51) Acenaphthene	9.92	154	1157804	58.84	nq	99
52) 3-Nitroaniline	9.84	138	417635	59.10	nq	91
53) 2,4-Dinitrophenol	9.94	184	192169	148.64	nq	# 83
54) Dibenzofuran	10.09	168	1487460	56.29	nq	97
55) 4-Nitrophenol	10.00	139	304251	67.83	nq	86
56) 2,4-Dinitrotoluene	10.08	165	454451	65.33	nq	# 78
57) Fluorene	10.43	166	1177996	59.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	300771	62.45	nq	100
59) Diethylphthalate	10.30	149	1310102	50.06	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	514377	56.48	nq	98
61) 4-Nitroaniline	10.45	138	428795	63.50	nq	89
62) Azobenzene	10.58	77	1385158	53.49	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	248215	114.44	nq	# 61
65) n-Nitrosodiphenylamine	10.54	169	1094170	51.63	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	353345	50.77	nq	98
67) Hexachlorobenzene	10.98	284	380595	54.32	nq	# 87
68) Atrazine	11.07	200	325411	49.50	nq	96
69) Pentachlorophenol	11.17	266	255799	68.28	nq	97
70) Phenanthrene	11.39	178	1810055	58.22	nq	99
71) Anthracene	11.44	178	2013125	59.96	nq	99
72) Carbazole	11.60	167	1933510	60.43	nq	98
73) Di-n-butylphthalate	11.93	149	1952676	49.31	nq	99
74) Fluoranthene	12.57	202	1855043	62.70	nq	99
76) Benzidine	12.69	184	1162087	56.24	nq	98
77) Pyrene	12.80	202	1872820	54.36	nq	100
79) Butylbenzylphthalate	13.43	149	958843	53.50	nq	95
80) Benzo(a)anthracene	13.99	228	1356903	55.17	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	942391	55.04	nq	# 93
82) Chrysene	14.03	228	1600296	59.85	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	975544	46.89	nq	98
84) Di-n-octyl phthalate	14.59	149	1892774	50.01	nq	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	1392825	52.13	nq	100
87) Benzo(b)fluoranthene	15.01	252	1480446m	56.73	nq	
88) Benzo(k)fluoranthene	15.04	252	1293011m	61.26	nq	
89) Benzo(a)pyrene	15.36	252	1327200	56.63	nq	# 96
90) Dibenzo(a,h)anthracene	16.82	278	1147803	56.87	nq	96
91) Benzo(g,h,i)perylene	17.21	276	1198938	61.49	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

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Tot Ion:152 Resp: 167343

Ion Ratio Lower Upper

152 100

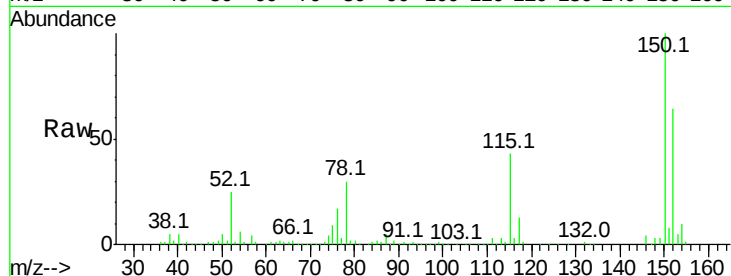
150 155.7 125.8 188.6

115 66.8 51.5 77.3

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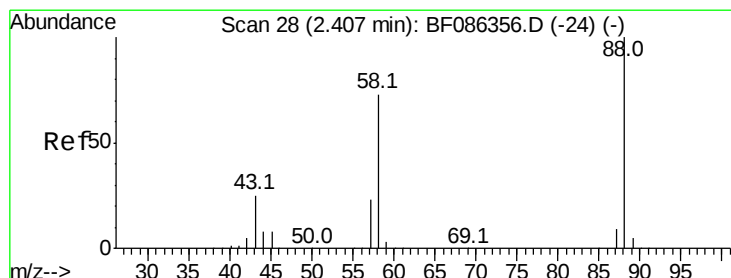
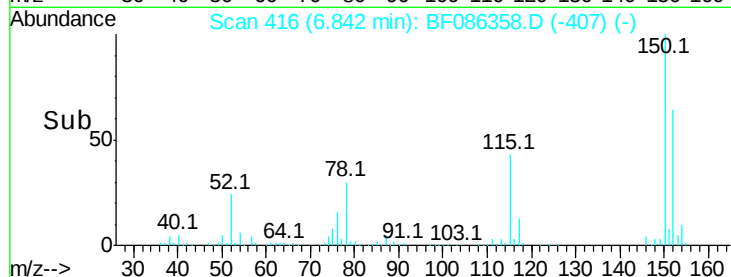
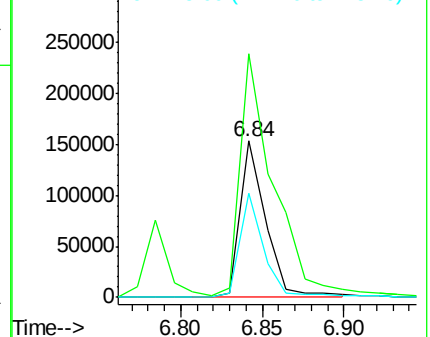


Abundance

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



#2

1,4-Dioxane

Concen: 61.67 ng

RT: 2.41 min Scan# 28

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

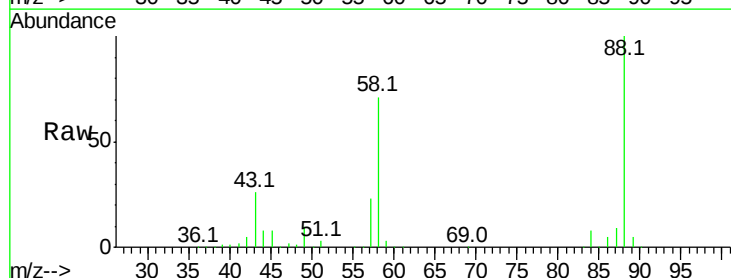
Tgt Ion: 88 Resp: 318911

Ion Ratio Lower Upper

88 100

58 71.8 59.6 89.4

43 26.8 21.8 32.6

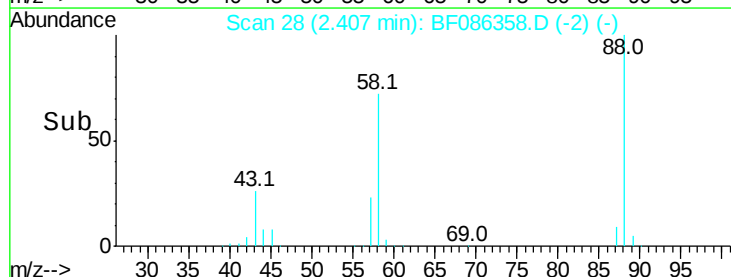
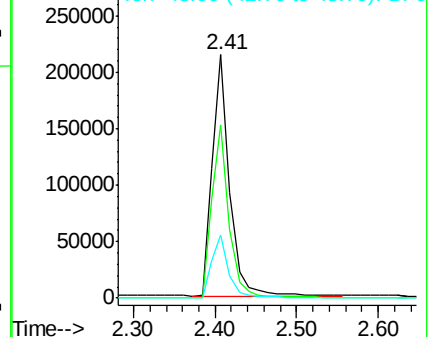


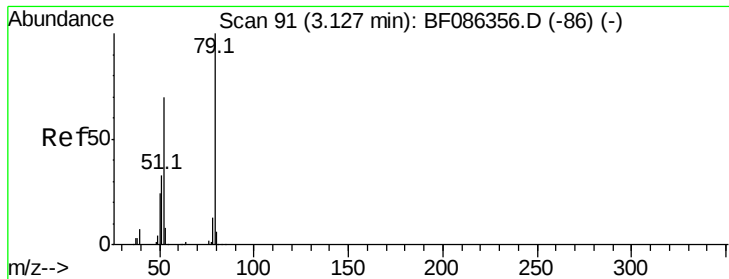
Abundance

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: 58.96 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

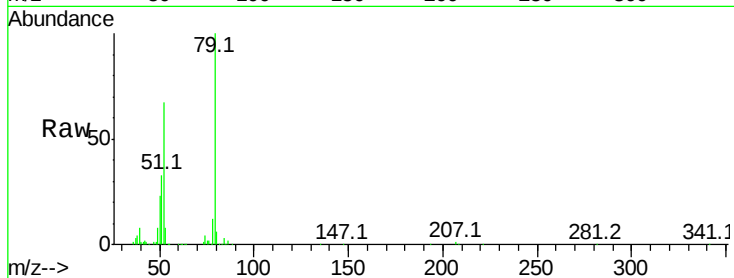
BNA_F

ClientSampleId :

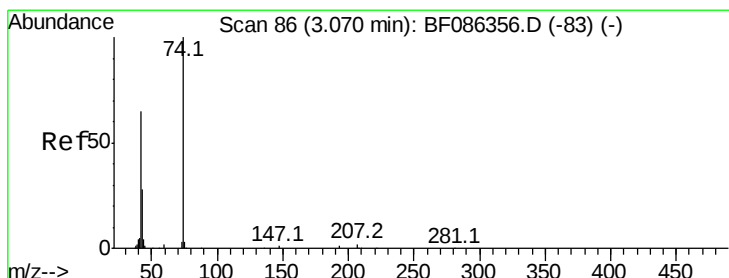
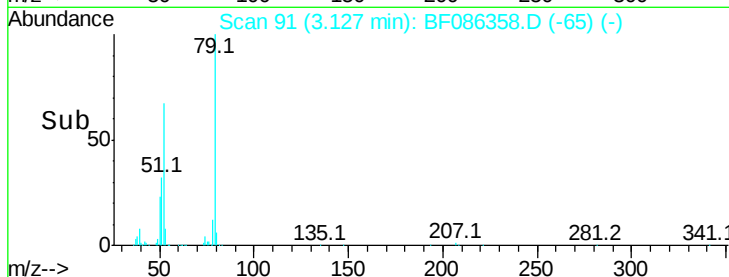
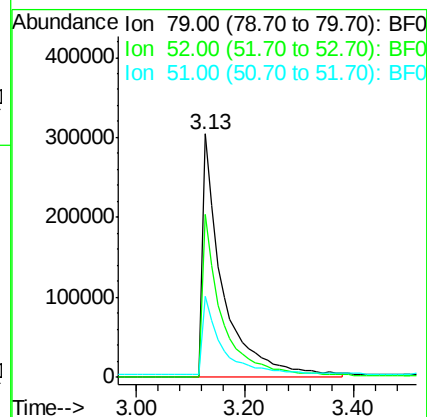
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	66.8		55.9	83.9
51	51	33.1		28.1	42.1



#4

n-Nitrosodimethylamine

Concen: 65.74 ng

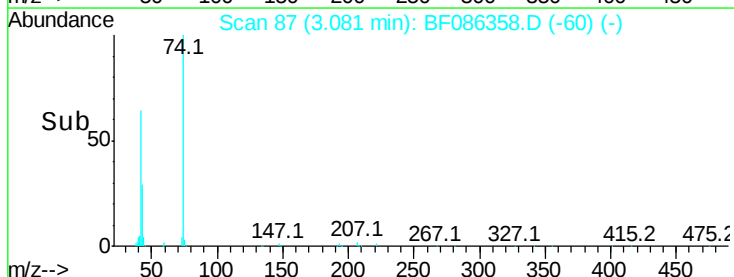
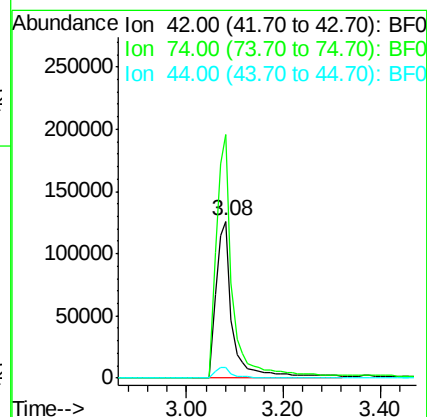
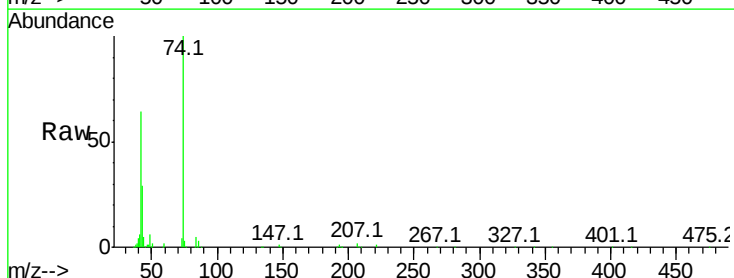
RT: 3.08 min Scan# 87

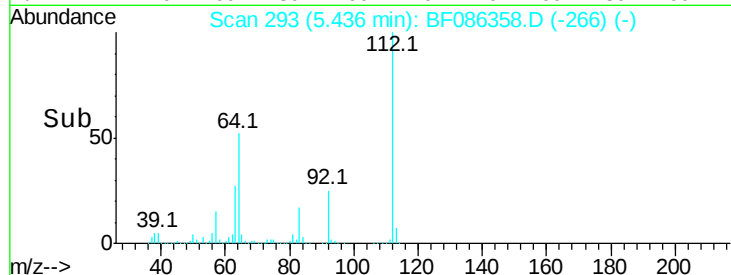
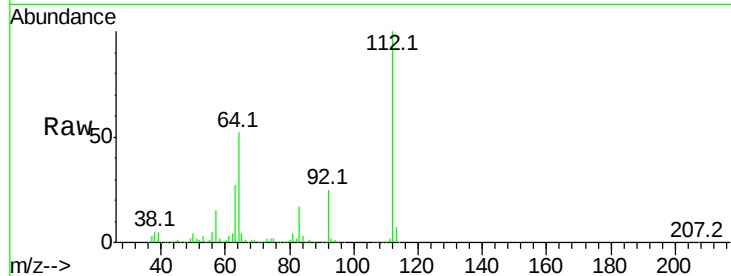
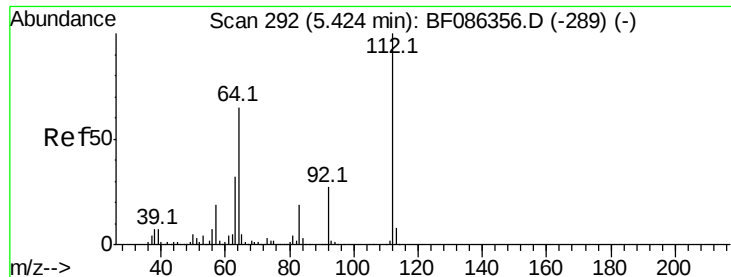
Delta R.T. 0.01 min

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	155.4		123.4	185.0
44	44	7.2		5.8	8.6





#5

2-Fluorophenol

Concen: 127.26 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tot Ion: 112 Resp: 1220823

Ion Ratio Lower Upper

112 100

64 52.4 52.1 78.1

63 26.5 25.7 38.5

Instrument :

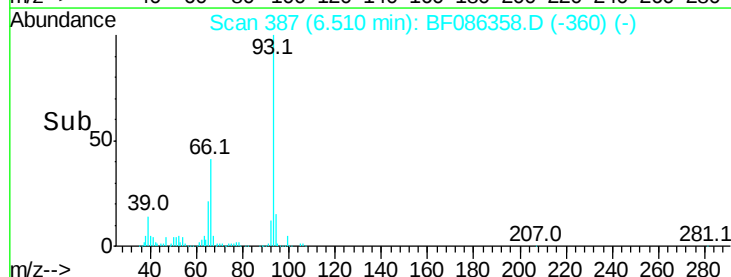
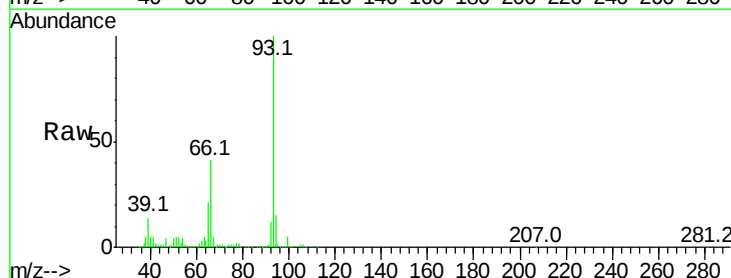
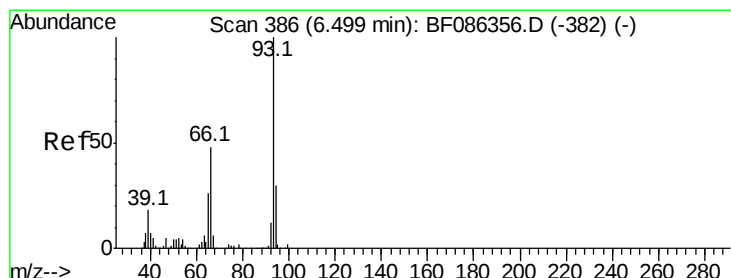
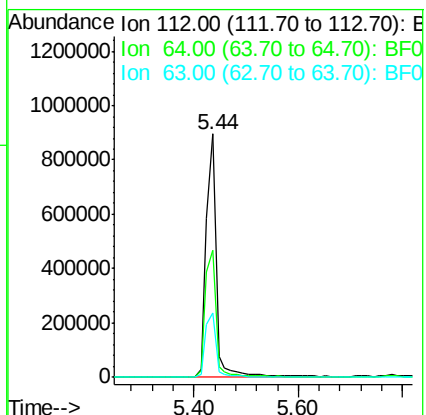
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#6

Aniline

Concen: 61.12 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

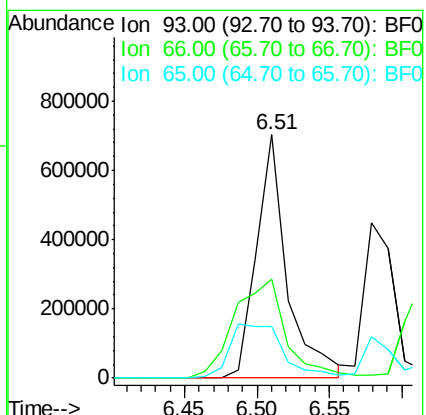
Tgt Ion: 93 Resp: 1028429

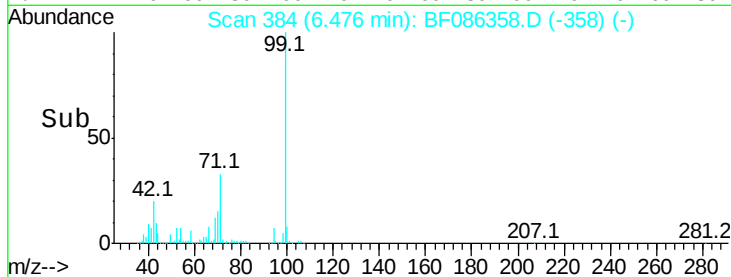
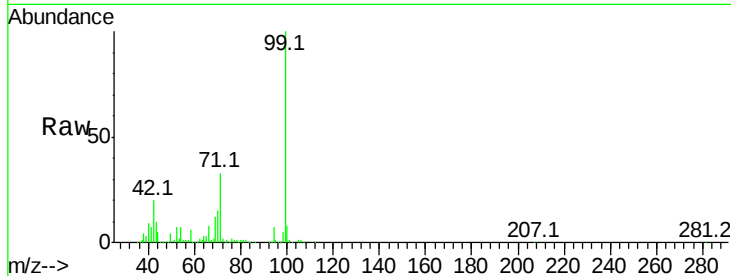
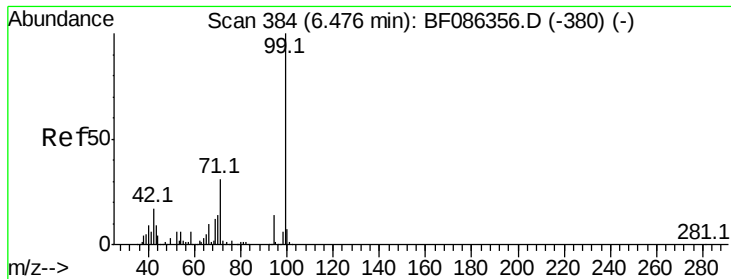
Ion Ratio Lower Upper

93 100

66 40.5 39.0 58.6

65 21.0 20.6 31.0





#7

Phenol-d6

Concen: 119.67 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tot Ion:	99	Resp:	1512375
Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.6	20.4
71	32.9	24.6	36.8

Instrument :

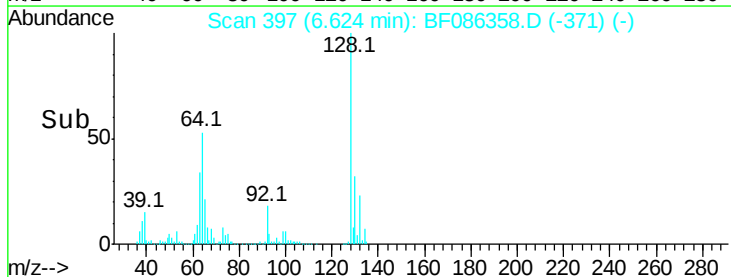
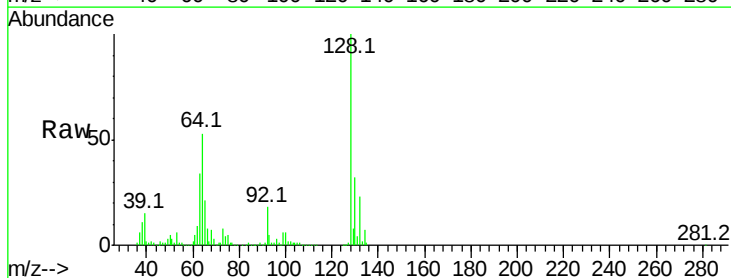
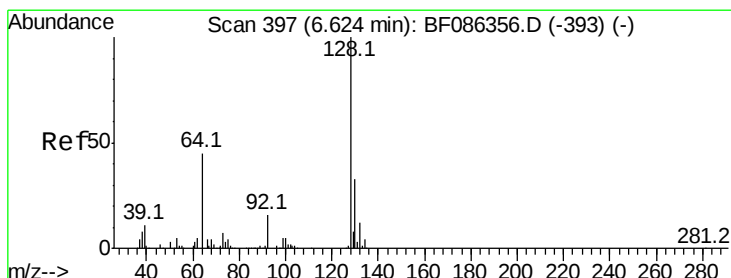
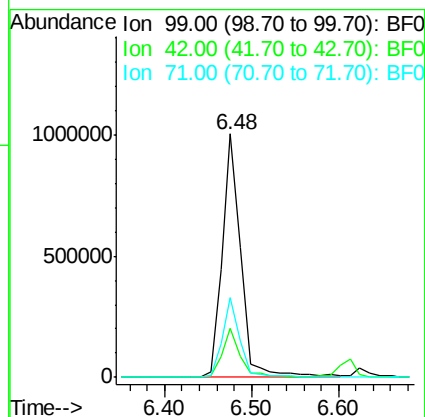
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#8

2-Chlorophenol

Concen: 56.60 ng

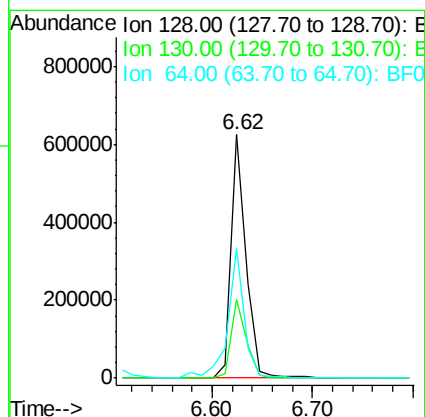
RT: 6.62 min Scan# 397

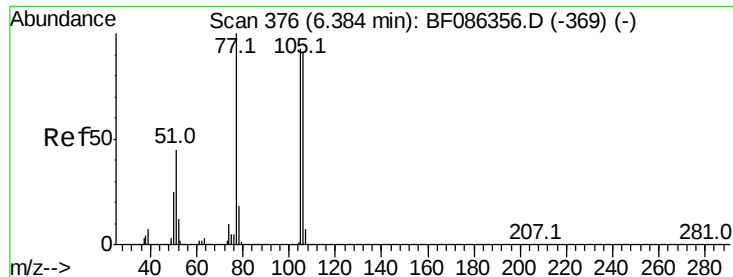
Delta R.T. 0.00 min

Lab File: BF086358.D

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Tgt Ion:	128	Resp:	648136
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	53.2	27.3	67.3





#9

Benzaldehyde

Concen: 48.51 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

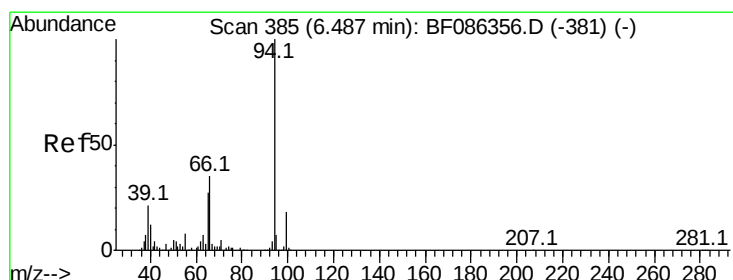
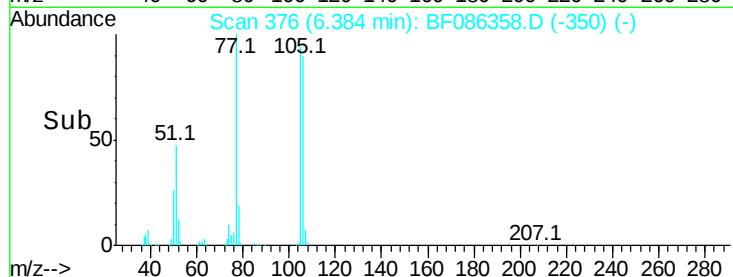
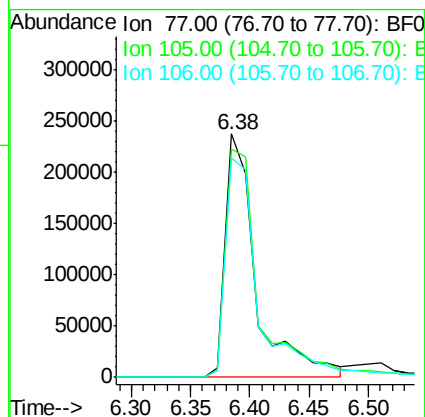
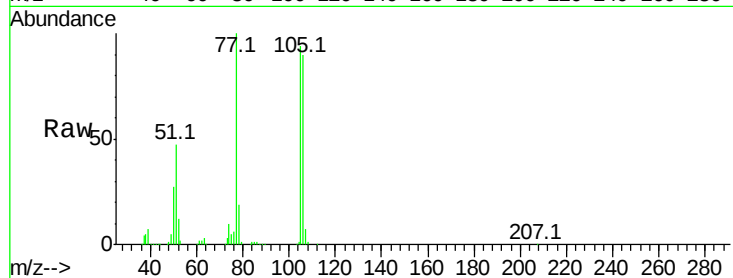
ClientSampleId :

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Tot Ion:	77	Resp:	427387
Ion Ratio	Lower	Upper	
77	100		
105	93.7	72.7	112.7
106	90.3	70.8	110.8

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#10

Phenol

Concen: 55.92 ng

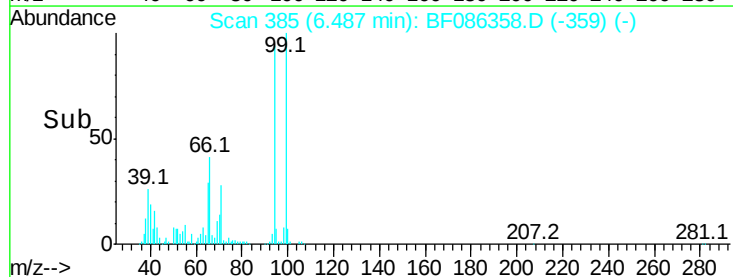
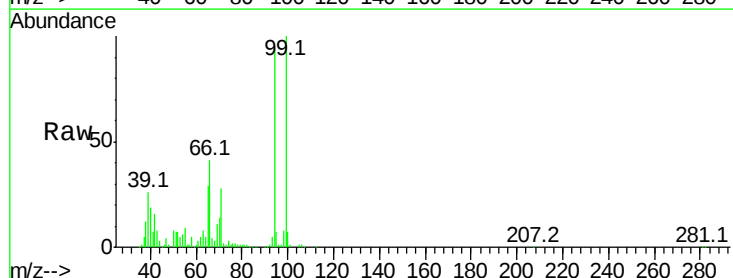
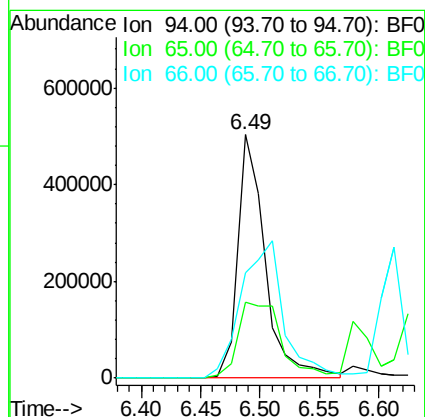
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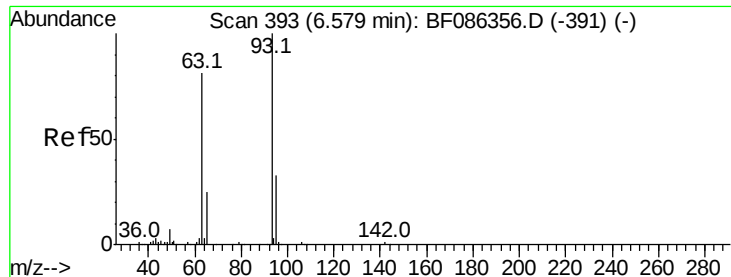
Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion:	94	Resp:	813394
Ion Ratio	Lower	Upper	
94	100		
65	30.9	7.2	47.2
66	43.3	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 56.74 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

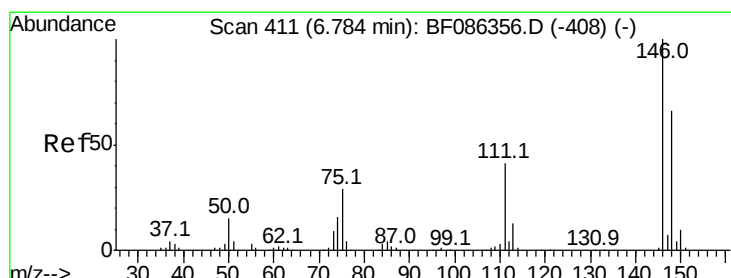
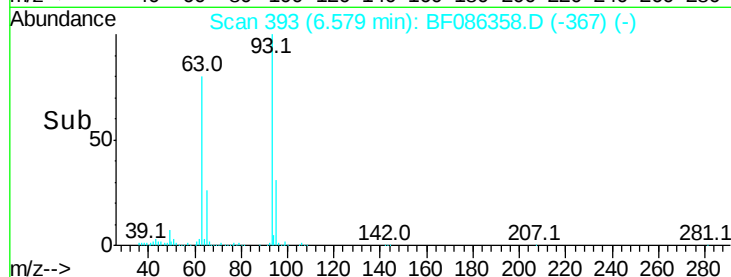
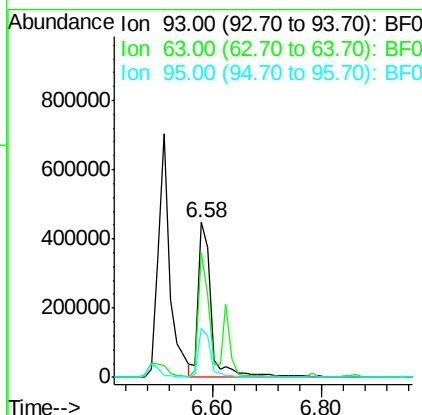
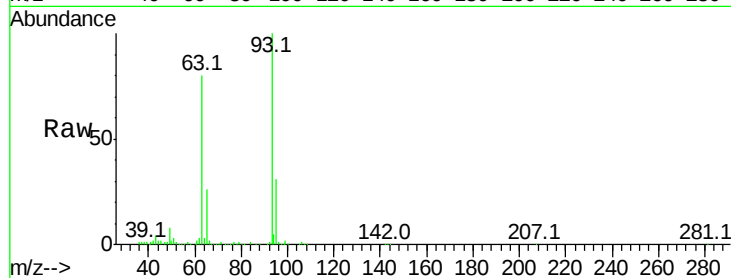
ClientSampleId :

SSTDICC060

Tot Ion:	93	Resp:	713293
Ion	Ratio	Lower	Upper
93	100		
63	80.5	58.0	98.0
95	31.4	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 59.06 ng

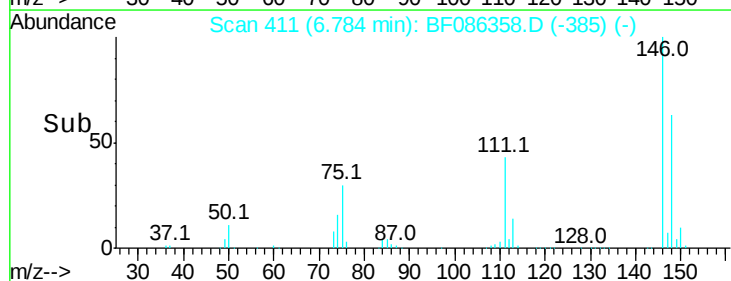
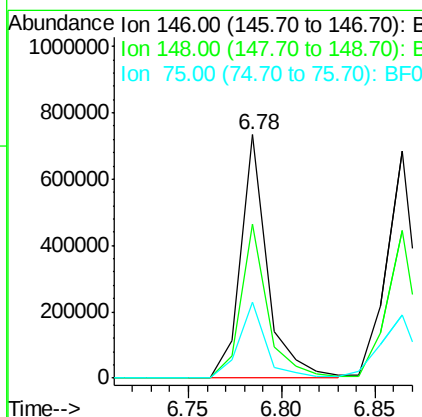
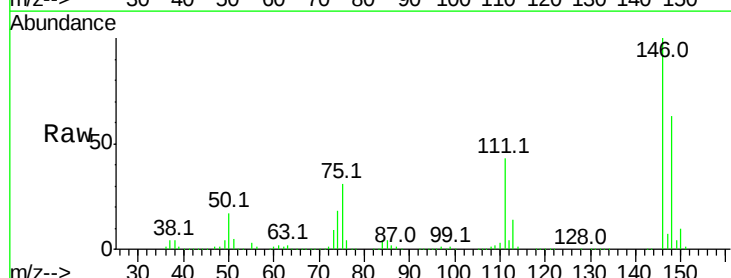
RT: 6.78 min Scan# 411

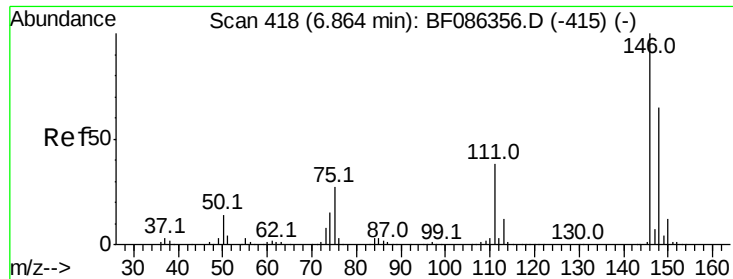
Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion:	146	Resp:	738387
Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.4	78.6
75	31.1	22.8	34.2





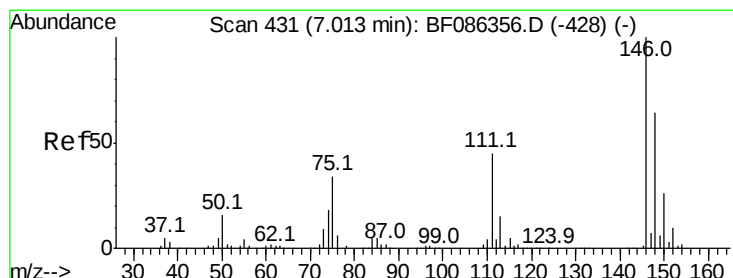
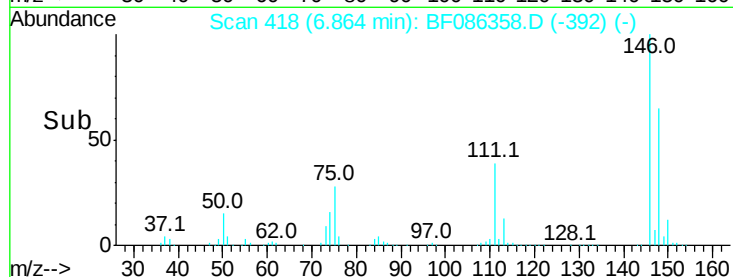
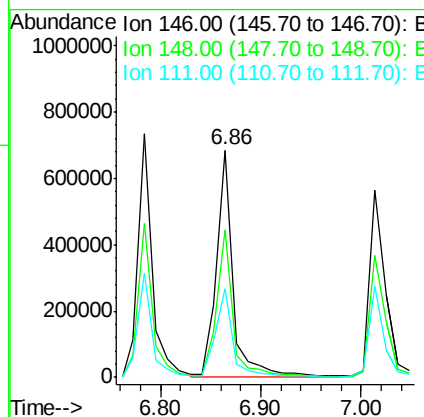
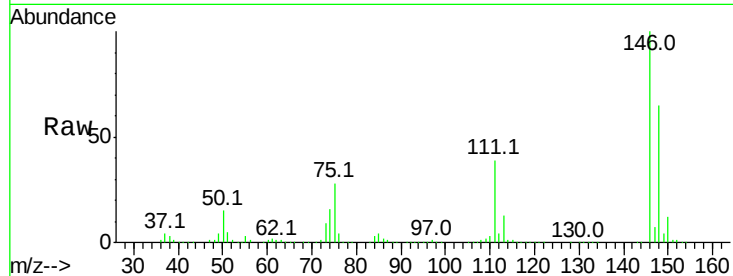
#13
1,4-Dichlorobenzene
Concen: 58.73 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleID :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
146	100	786893		
148	64.8	52.2	78.4	
111	39.0	30.7	46.1	

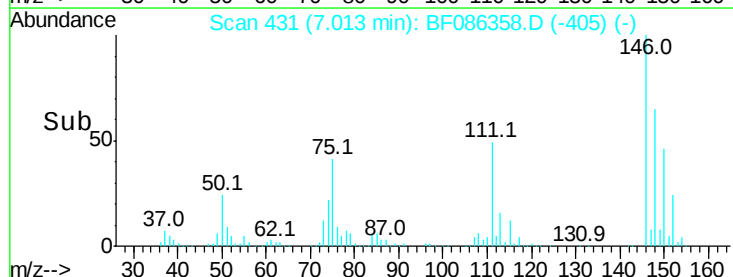
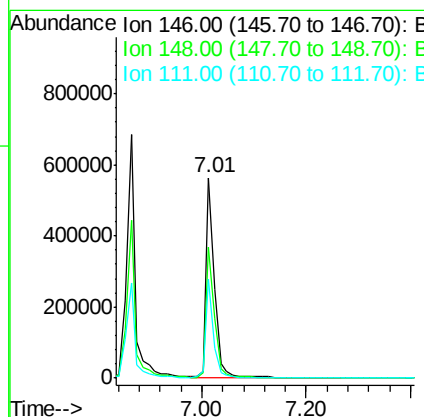
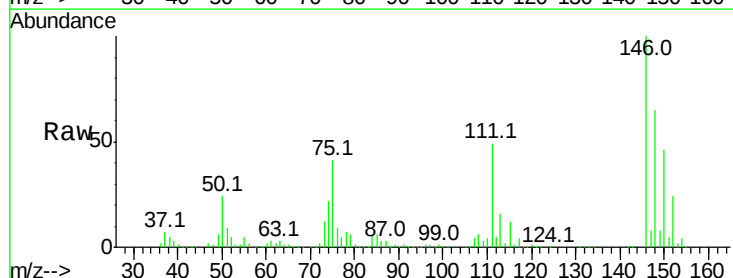
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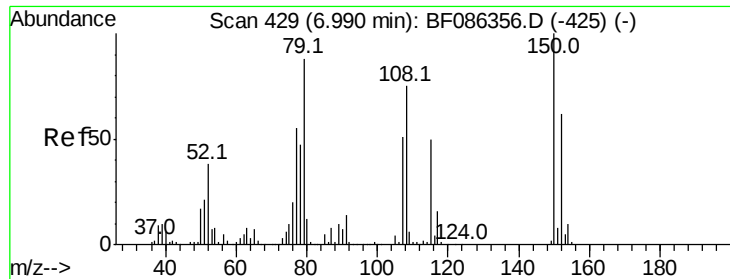
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#14
1,2-Dichlorobenzene
Concen: 53.97 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	644784		
148	65.3	51.0	76.6	
111	49.2	36.2	54.4	





#15

Benzyl Alcohol

Concen: 62.49 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 79 Resp: 487043

Ion Ratio Lower Upper

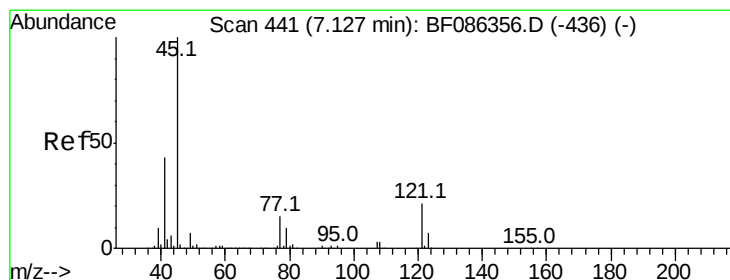
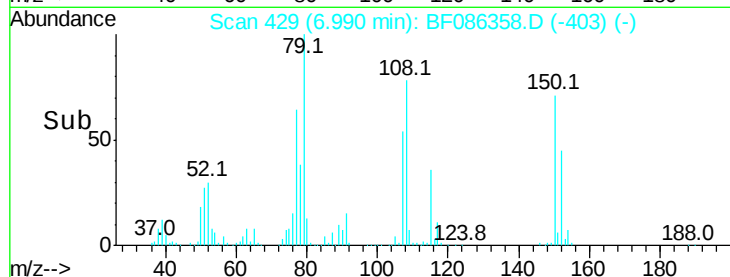
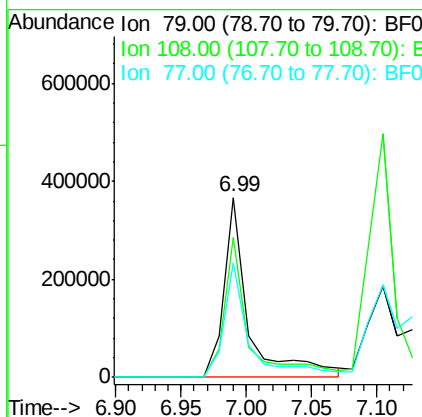
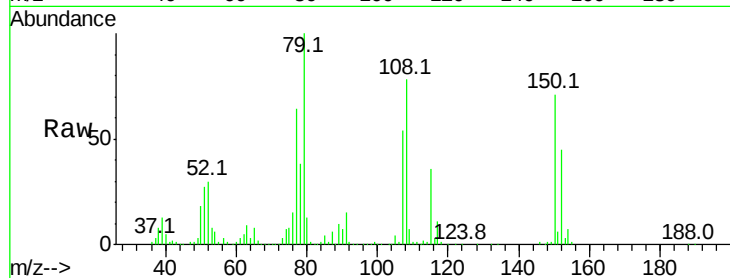
79 100

108 77.7 68.4 102.6

77 64.0 50.6 76.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 55.05 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

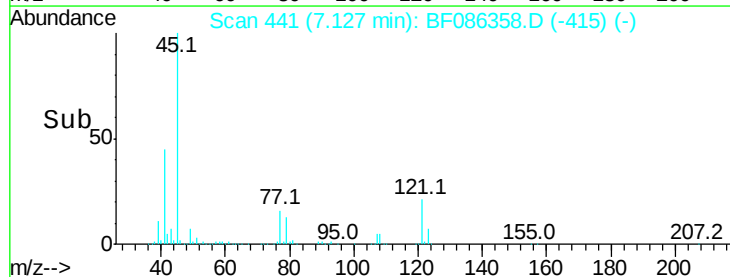
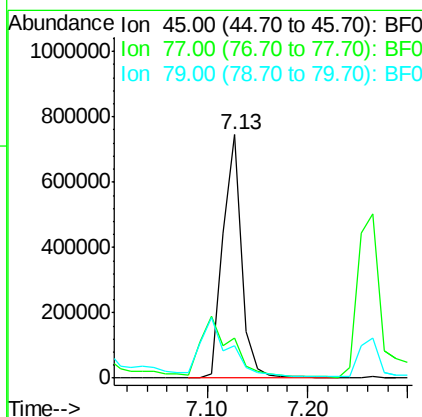
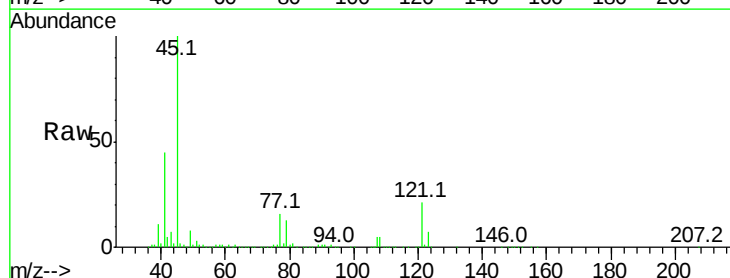
Tgt Ion: 45 Resp: 962817

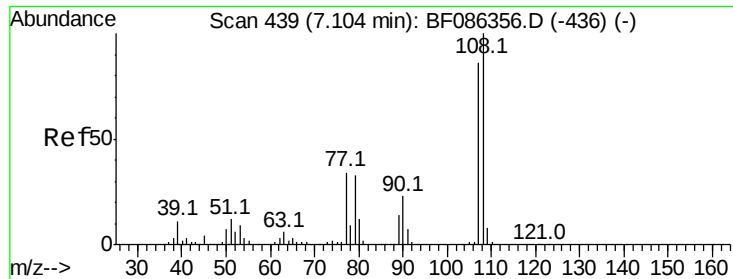
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.4

79 13.1 0.0 33.4





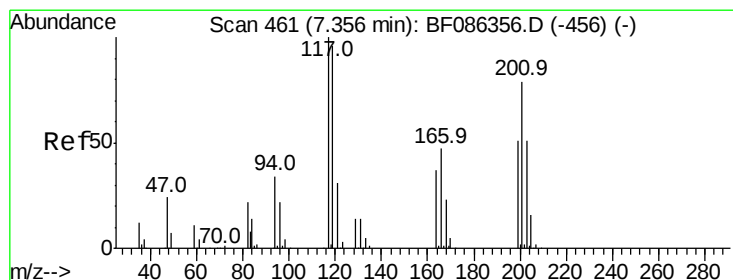
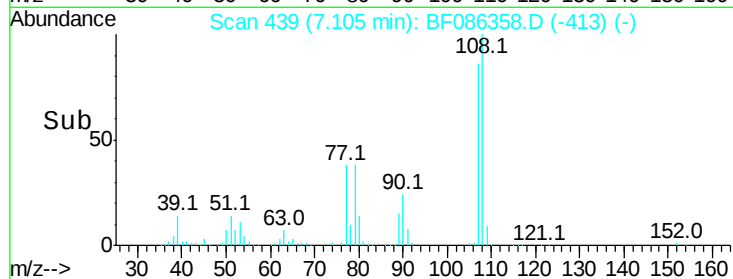
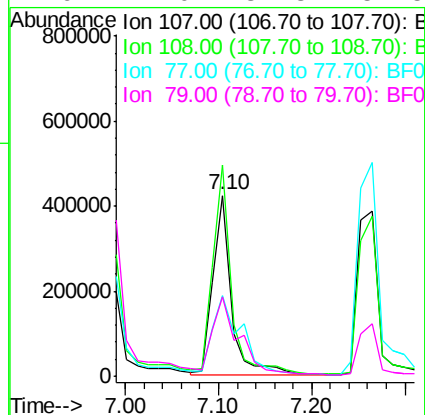
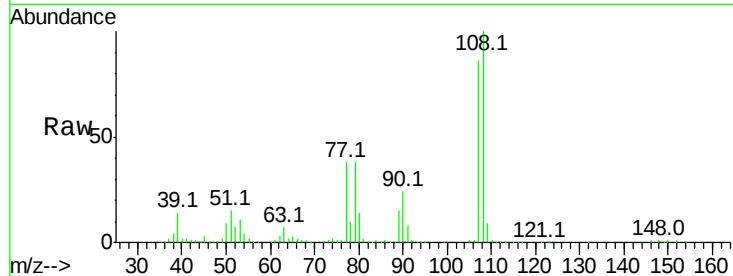
#17
2-Methylphenol
Concen: 61.37 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion:	107	Resp:	584896
Ion Ratio	Lower	Upper	
107	100		
108	116.7	93.7	140.5
77	44.4	33.4	50.0
79	44.0	34.3	51.5

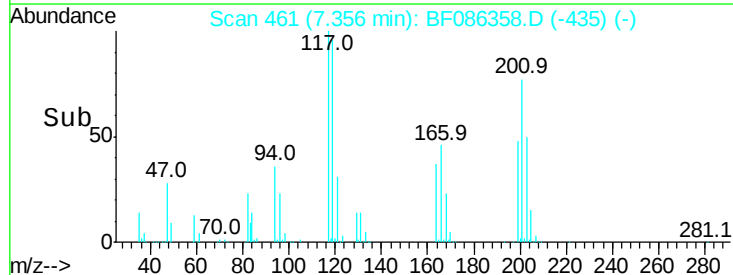
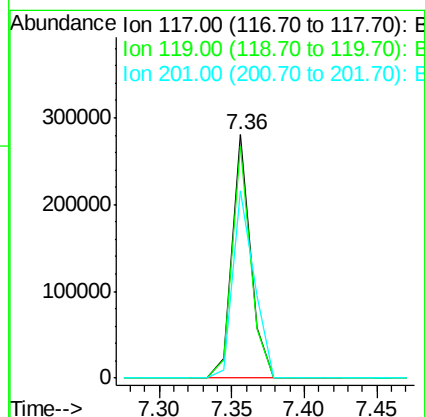
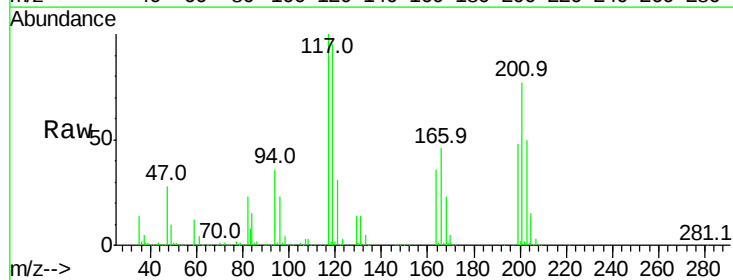
Manual Integrations
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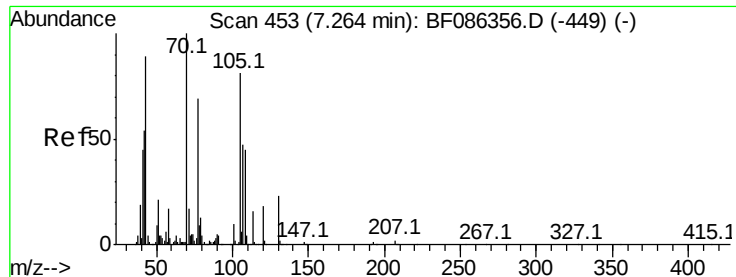
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#18
Hexachloroethane
Concen: 62.39 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion:	117	Resp:	250290
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.5	114.7
201	77.1	63.0	94.6





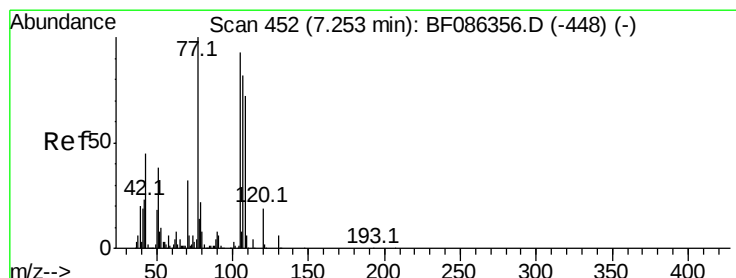
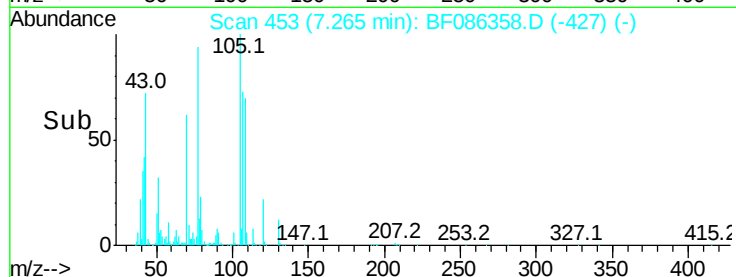
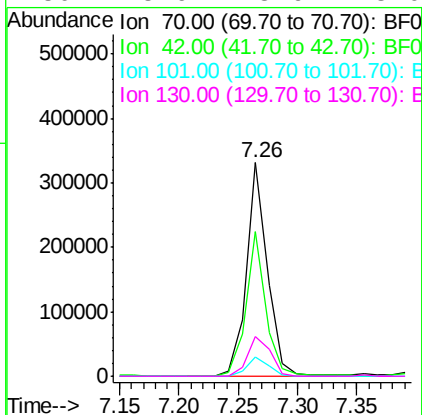
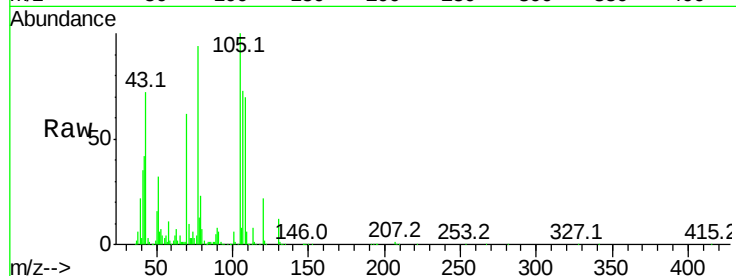
#19
n-Nitroso-di-n-propylamine
Concen: 53.69 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	43.1	64.7#
101	8.9	8.1	12.1
130	18.6	18.6	28.0#

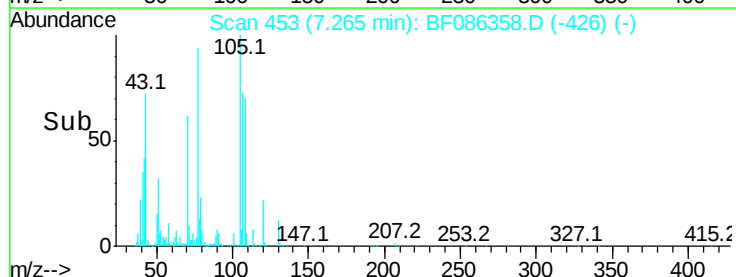
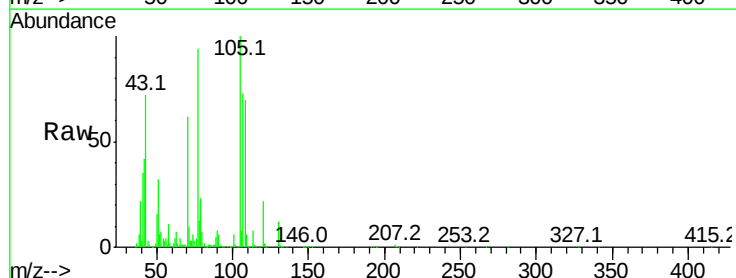
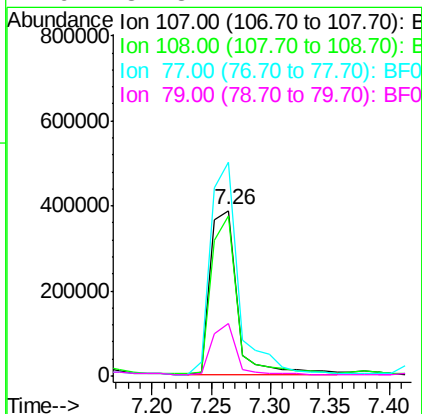
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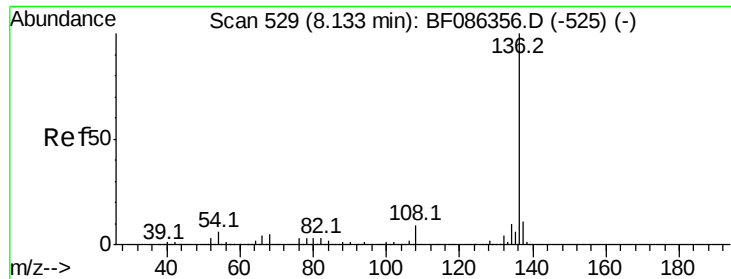
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#20
3+4-Methylphenols
Concen: 58.39 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.3	68.5	108.5
77	129.0	101.6	141.6
79	31.3	7.4	47.4





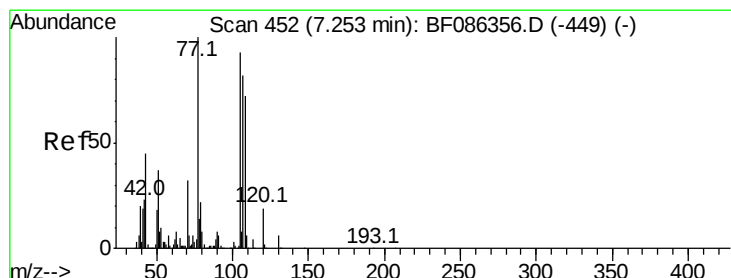
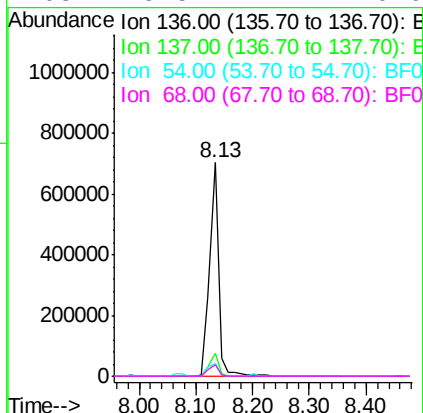
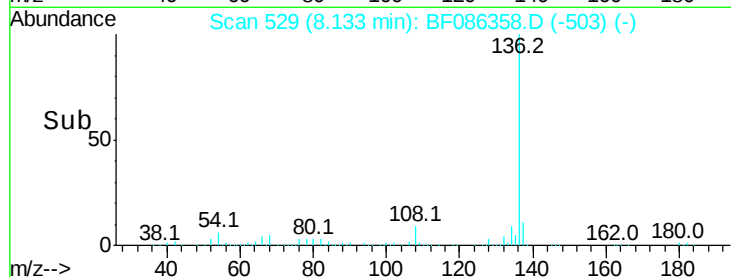
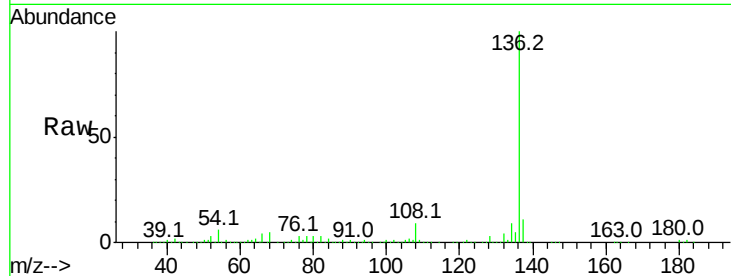
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	742041		
137	10.7		8.8	13.2
54	6.3		5.0	7.4
68	5.5		4.4	6.6

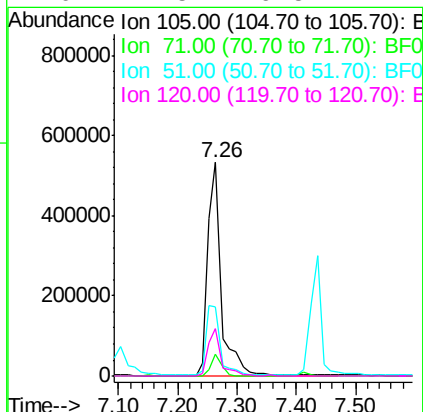
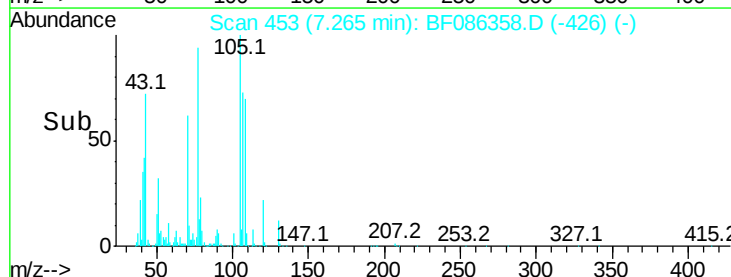
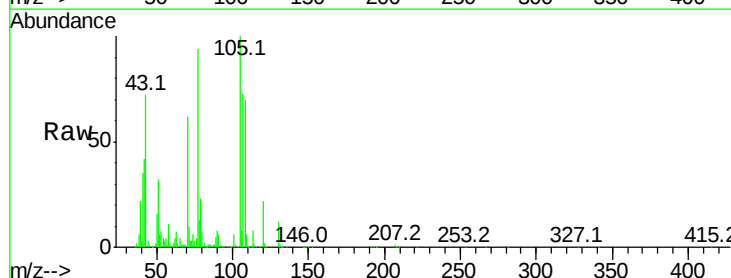
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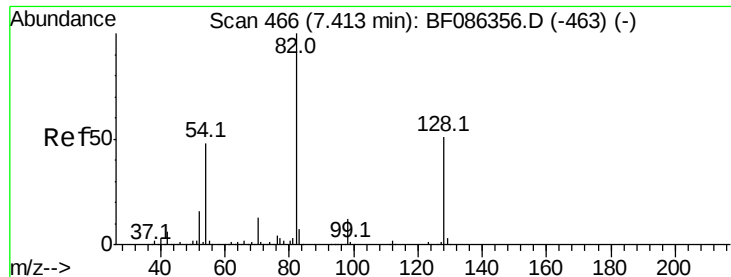
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#22
Acetophenone
Concen: 54.67 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	855886		
71	10.3		4.8	7.2#
51	32.5		32.6	49.0#
120	22.5		16.5	24.7





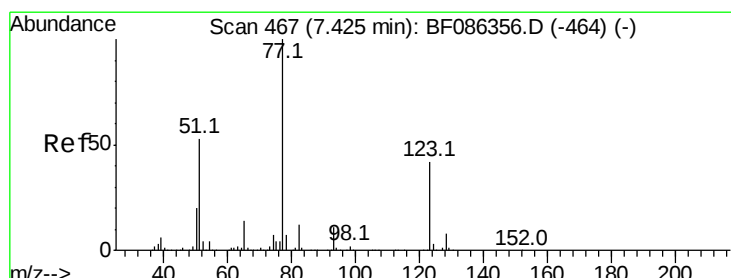
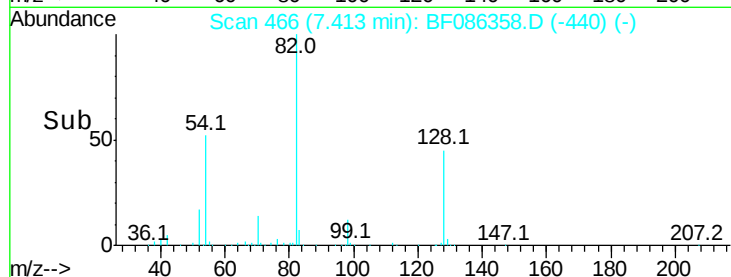
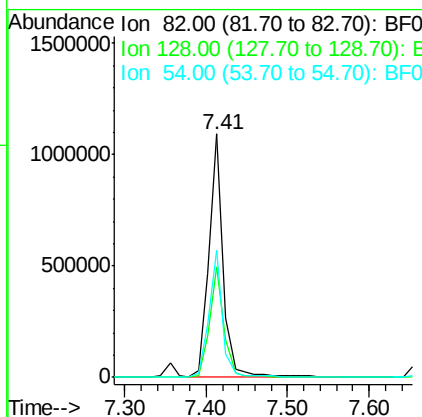
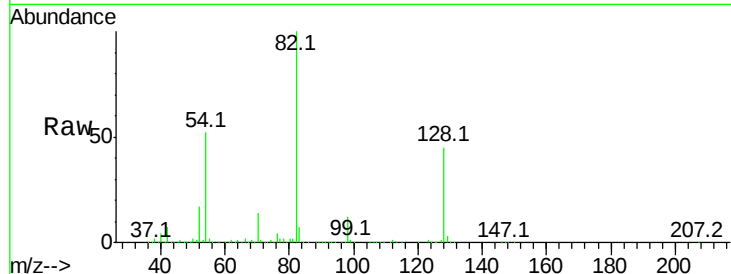
#23
 Nitrobenzene-d5
 Concen: 105.21 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF086358.D
 Acq: 22 Apr 2016 21:52

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tot Ion	82	Resp	1361773
Ion Ratio	100	Lower	Upper
82	100		
128	45.2	40.6	61.0
54	52.5	38.1	57.1

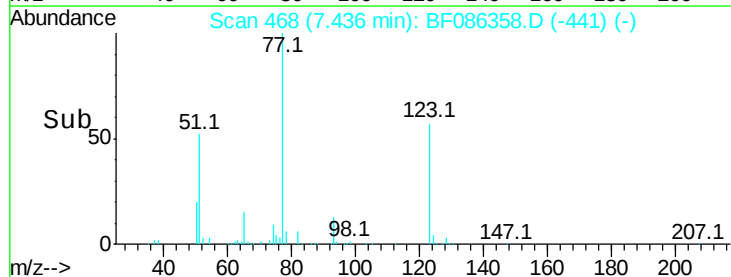
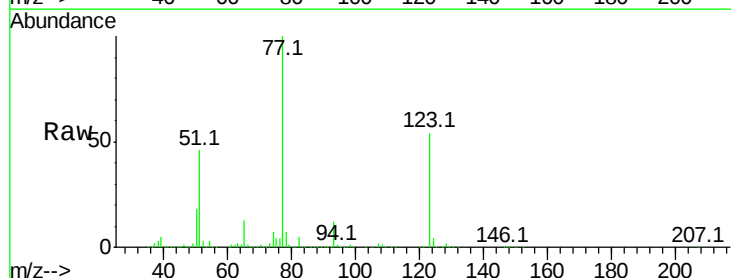
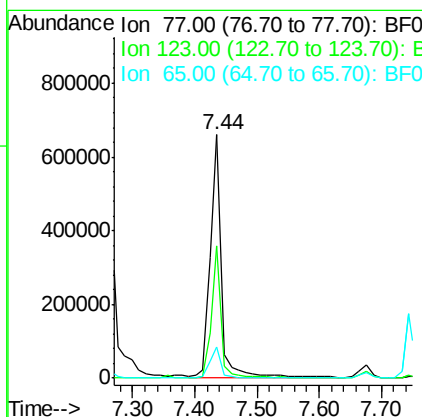
Manual Integrations
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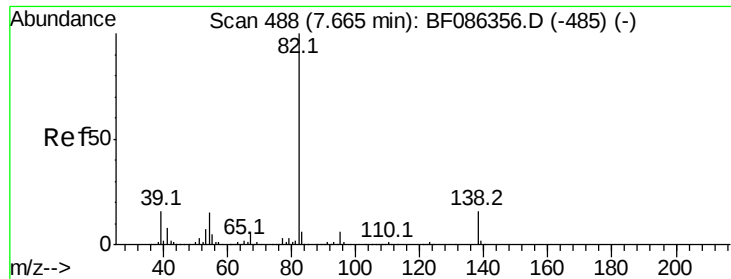
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#24
 Nitrobenzene
 Concen: 57.75 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.01 min
 Lab File: BF086358.D
 Acq: 22 Apr 2016 21:52

Tgt Ion	77	Resp	798568
Ion Ratio	100	Lower	Upper
77	100		
123	54.2	33.0	49.4#
65	12.9	10.8	16.2





#25

Isophorone

Concen: 55.40 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

ClientSampled :

SSTDIC060

Tot Ion: 82 Resp: 1355397

Ion Ratio Lower Upper

82 100

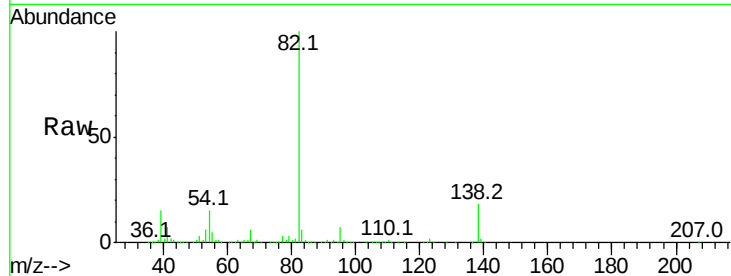
95 6.8 5.1 7.7

138 18.5 12.4 18.6

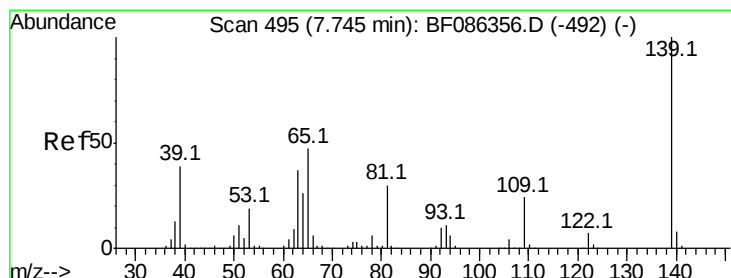
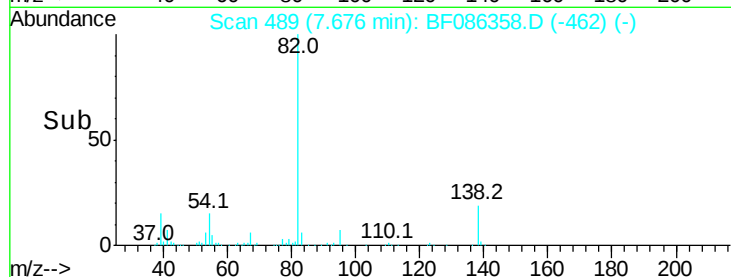
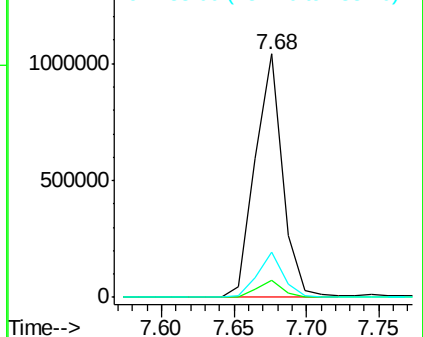
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 64.33 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

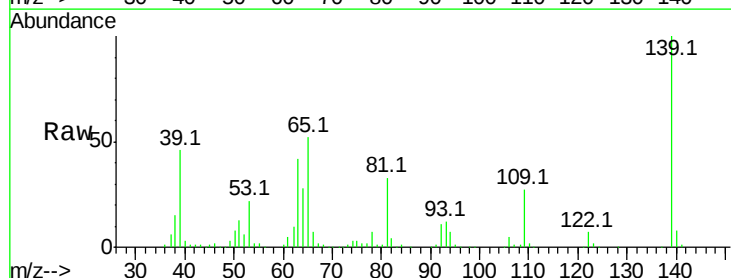
Tgt Ion: 139 Resp: 399949

Ion Ratio Lower Upper

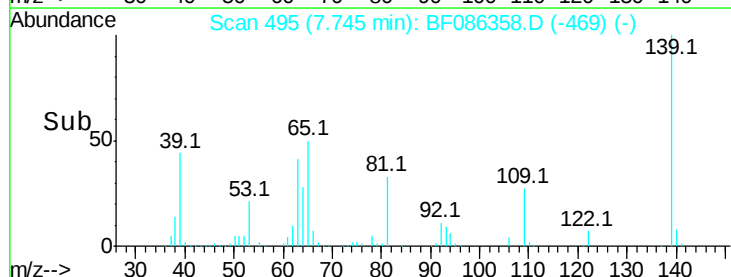
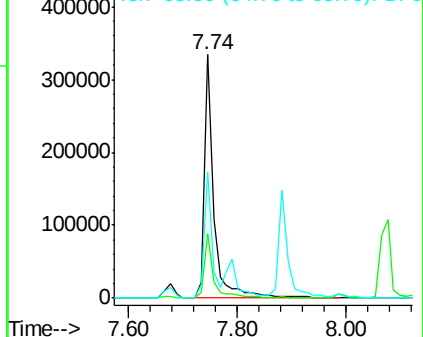
139 100

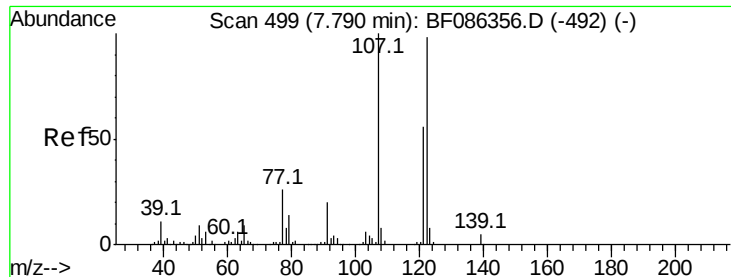
109 26.7 19.5 29.3

65 51.9 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 55.94 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

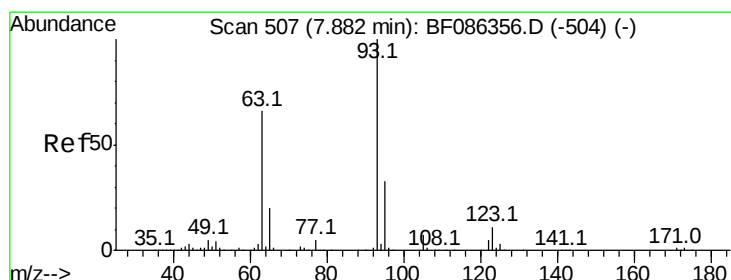
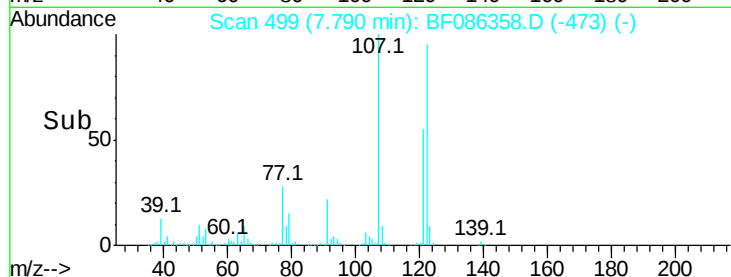
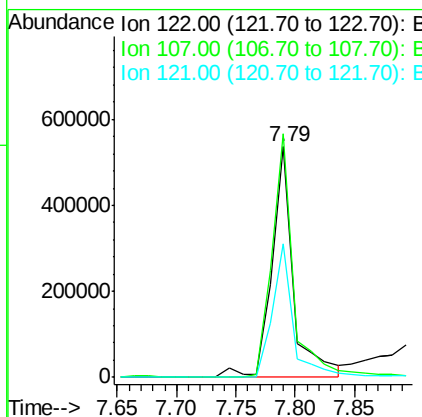
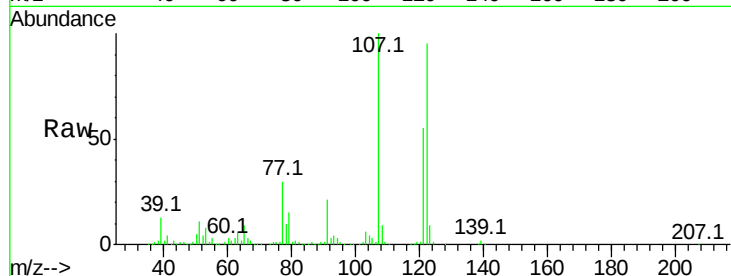
ClientSampleId :

SSTDICC060

Tot Ion:	122	Resp:	675789
Ion Ratio	Lower	Upper	
122	100		
107	105.7	82.0	123.0
121	58.2	46.1	69.1

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#28

bis(2-Chloroethoxy)methane

Concen: 52.92 ng

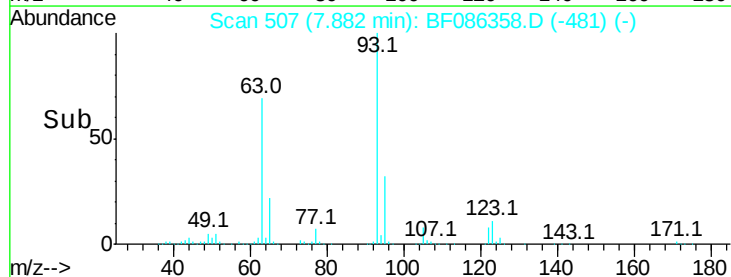
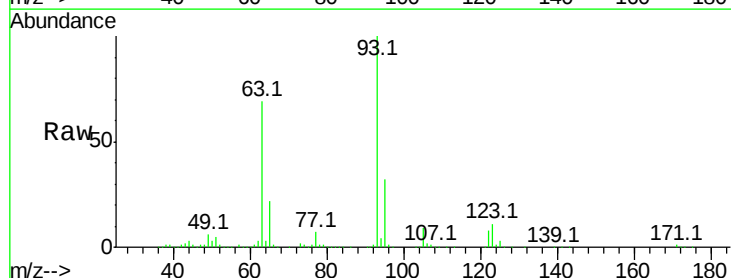
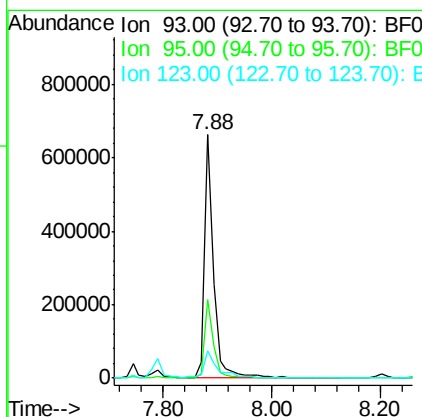
RT: 7.88 min Scan# 507

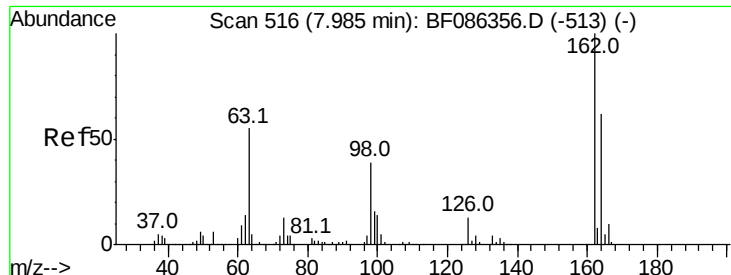
Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion:	93	Resp:	750954
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.0	39.0
123	11.0	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 58.57 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

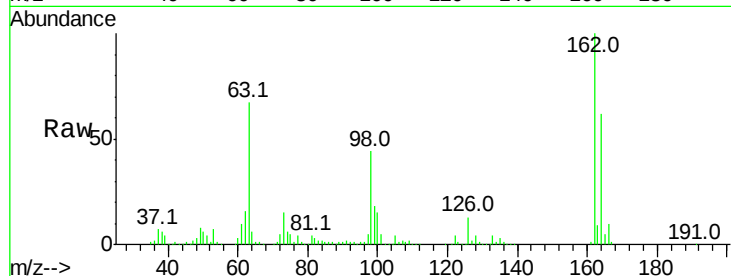
ClientSampled :

SSTDIC060

Tot Ion:	162	Resp:	563009
Ion Ratio	Lower	Upper	
162	100		
164	62.3	42.2	82.2
98	43.7	19.0	59.0

Manual Integrations
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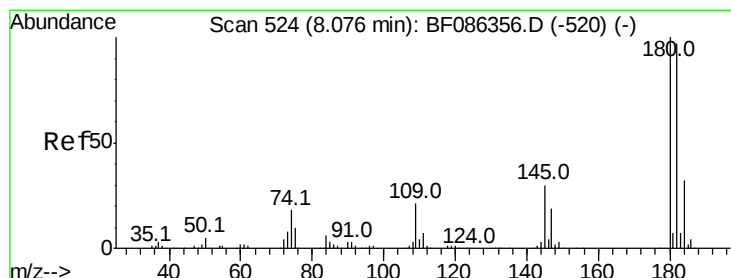
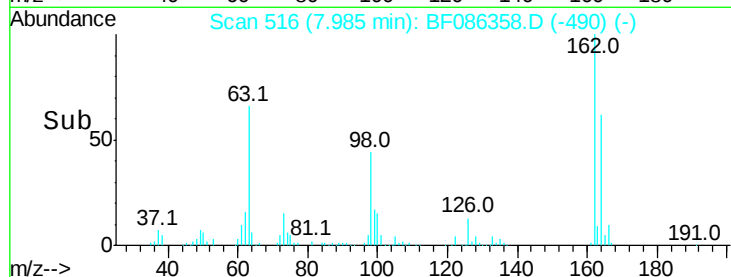
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

7.98

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 56.55 ng

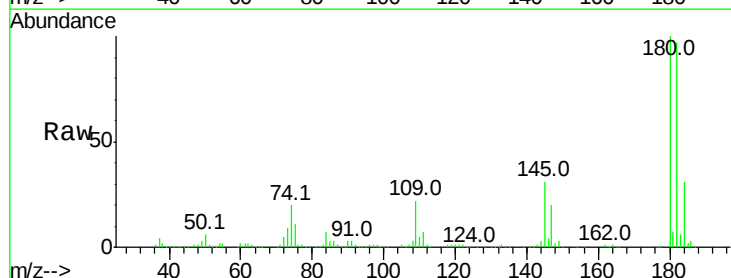
RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion:	180	Resp:	584101
Ion Ratio	Lower	Upper	
180	100		
182	96.7	78.0	117.0
145	31.2	24.2	36.2



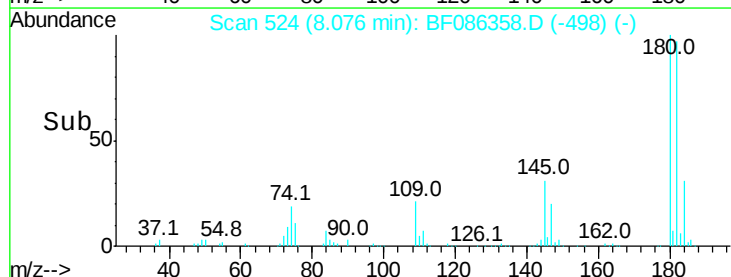
Abundance Ion 180.00 (179.70 to 180.70): E

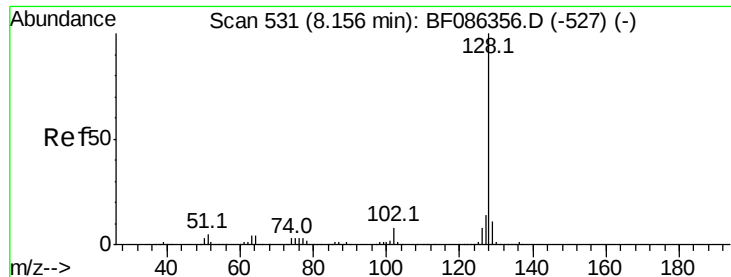
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

8.08

Time-->





#31

Naphthalene

Concen: 58.53 ng/mL

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:128 Resp: 2082075

Ion Ratio Lower Upper

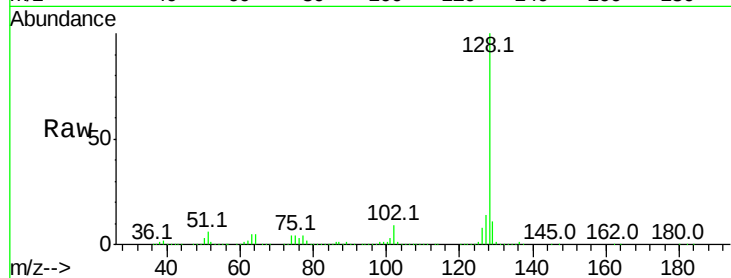
128 100

129 11.2 8.6 13.0

127 14.0 10.8 16.2

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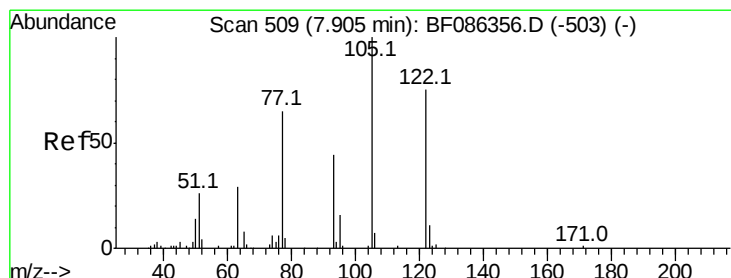
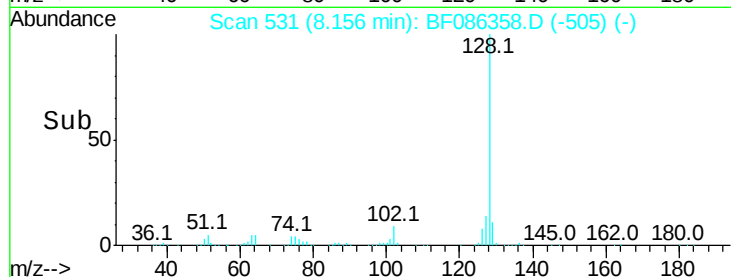
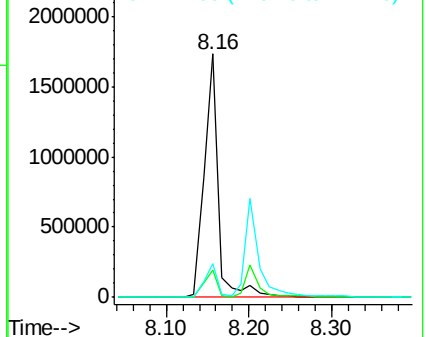
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 68.85 ng/mL

RT: 7.93 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

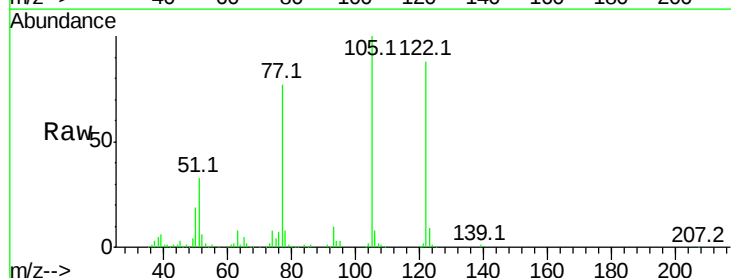
Tgt Ion:122 Resp: 494045

Ion Ratio Lower Upper

122 100

105 113.7 92.6 132.6

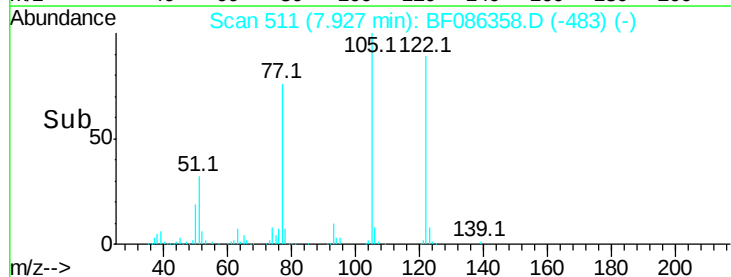
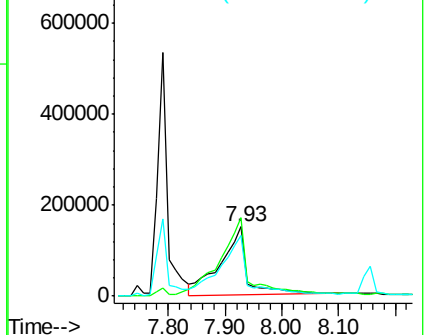
77 87.7 60.0 100.0

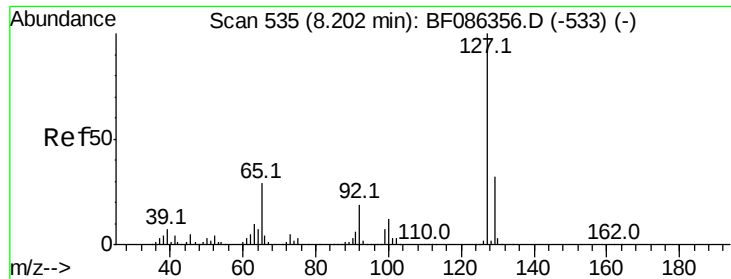


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





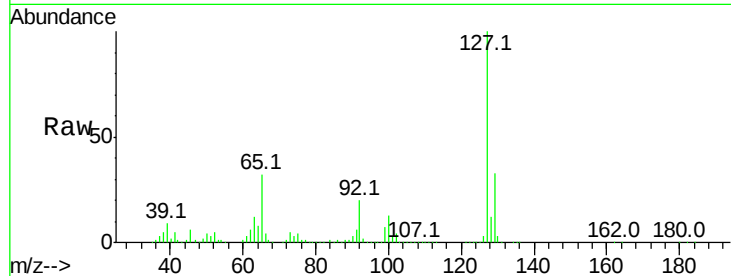
#33
4-Chloroaniline
Concen: 58.11 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleID :
SSTDICC060

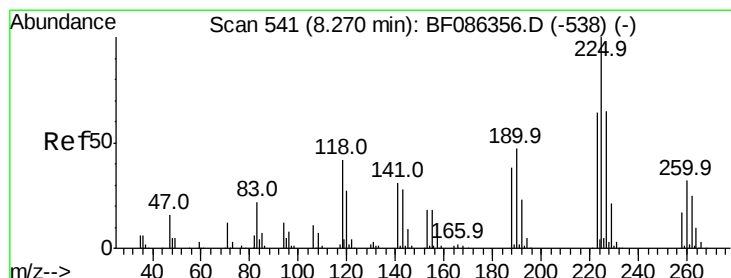
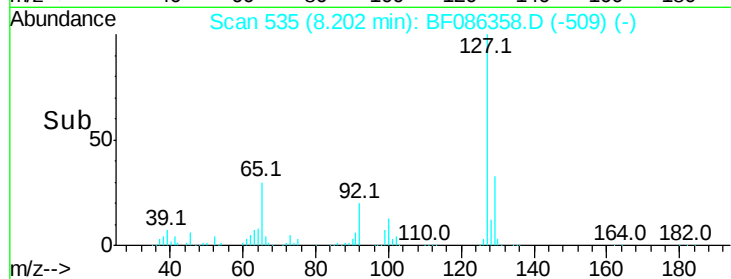
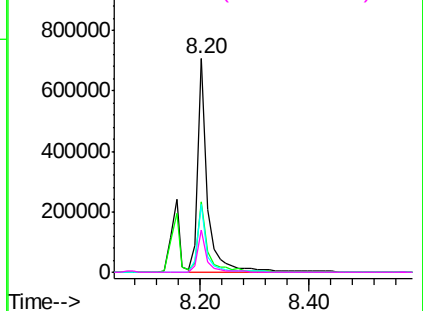
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.2	39.4		
65	31.9	23.0	34.4		
92	20.1	15.1	22.7		

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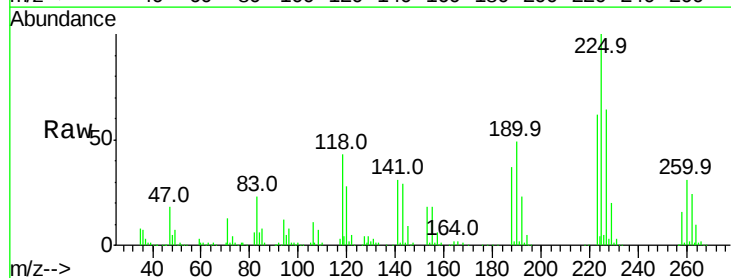


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

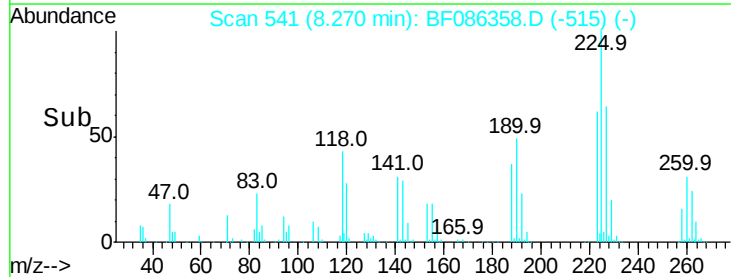
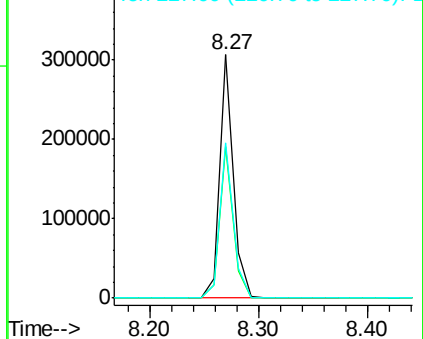


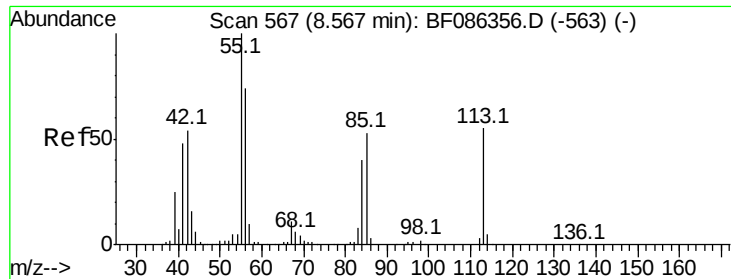
#34
Hexachlorobutadiene
Concen: 51.95 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	51.5	77.3		
227	63.7	52.2	78.2		



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





#35

Caprolactam

Concen: 70.61 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

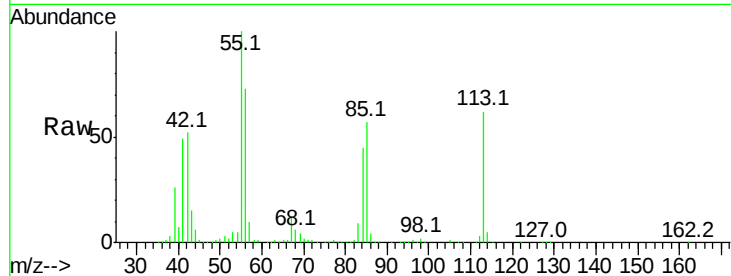
ClientSampled :

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Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	160.1	162.0	202.0#	
56	117.0	115.3	155.3	

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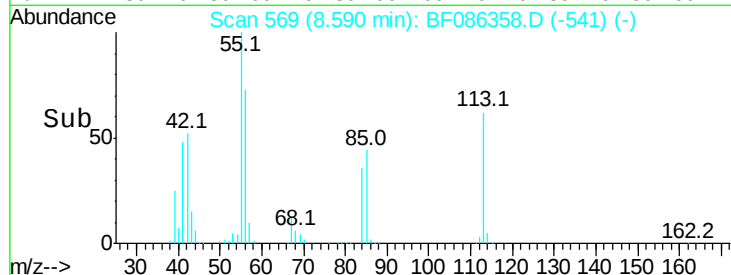


Abundance Ion 113.00 (112.70 to 113.70): E

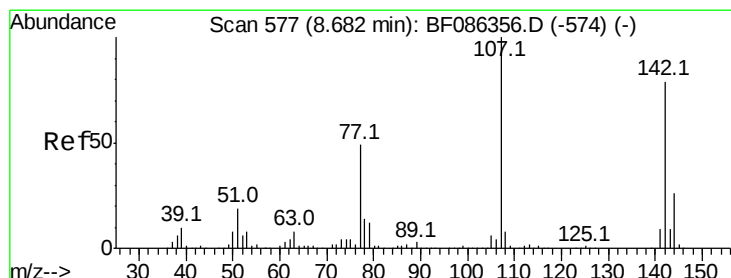
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 55.01 ng

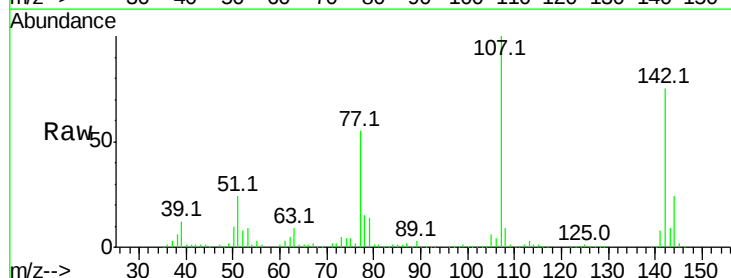
RT: 8.68 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.3	20.7	31.1	
142	75.2	63.2	94.8	

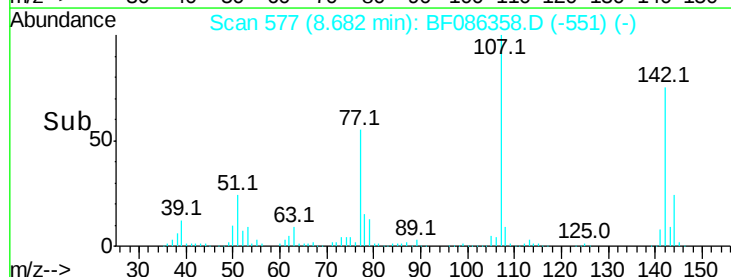


Abundance Ion 107.00 (106.70 to 107.70): E

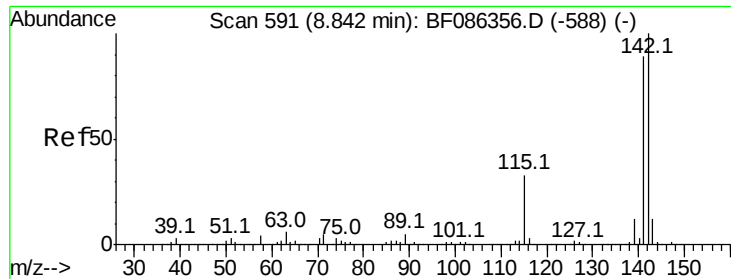
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



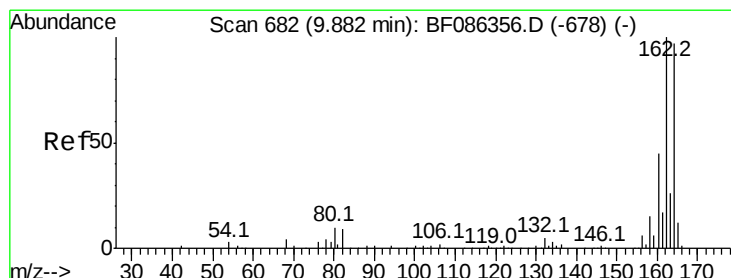
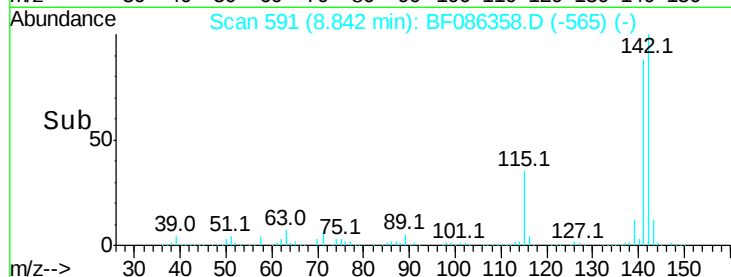
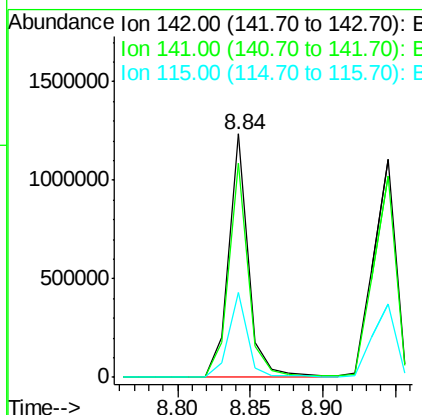
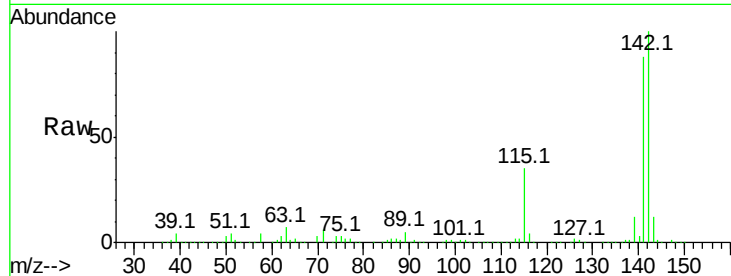
#37
2-Methylnaphthalene
Concen: 53.25 ng
RT: 8.84 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6
115	34.7	26.6	39.8

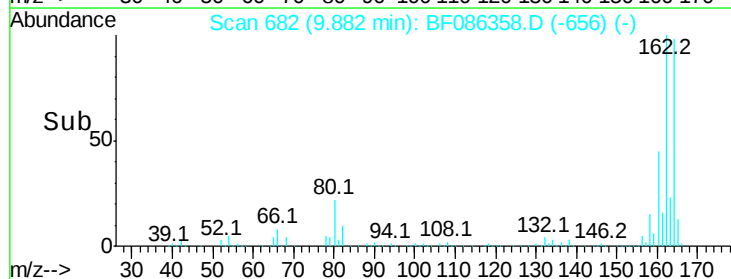
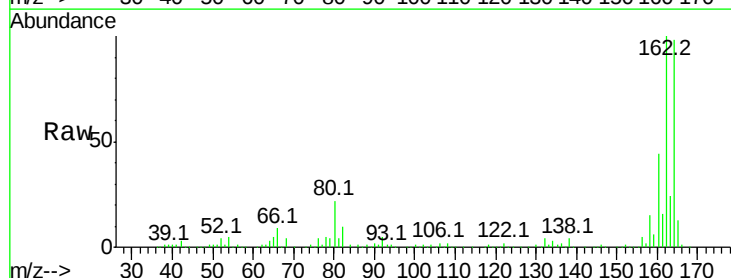
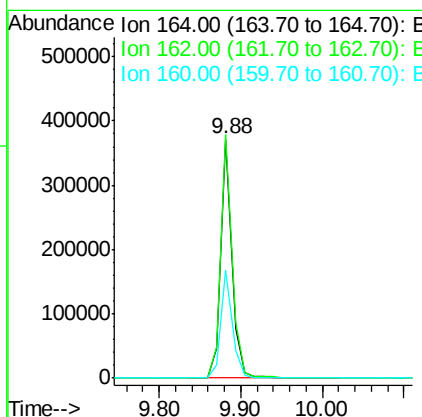
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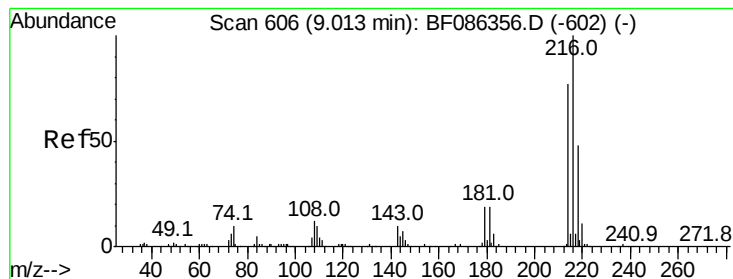
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.8	124.2
160	45.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.33 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

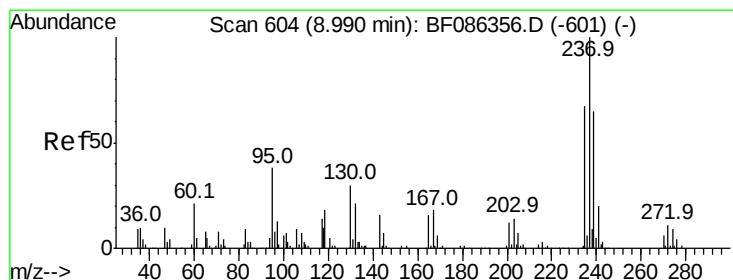
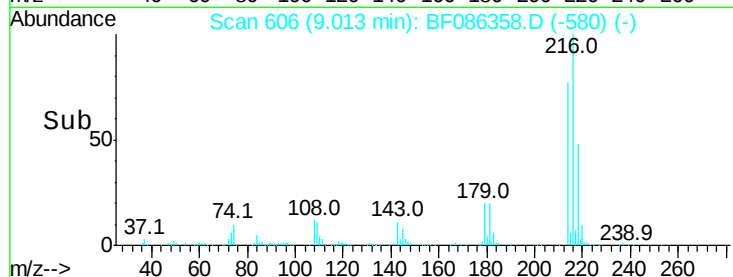
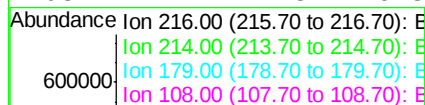
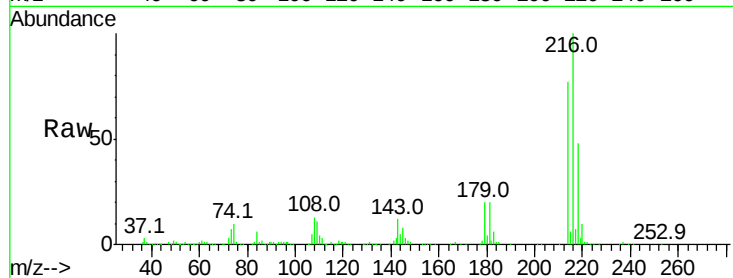
ClientSampleId :

SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		509445		
214	78.4	62.6	93.8		
179	23.0	18.2	27.4		
108	21.7	17.5	26.3		

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#40

Hexachlorocyclopentadiene

Concen: 120.27 ng

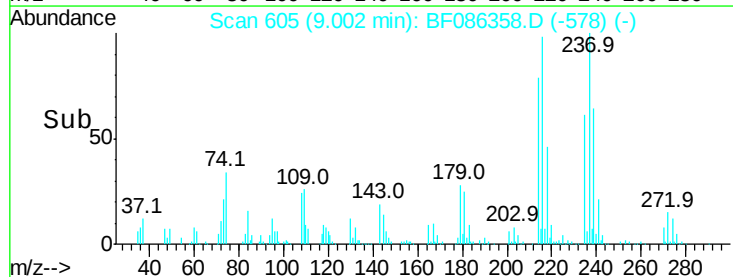
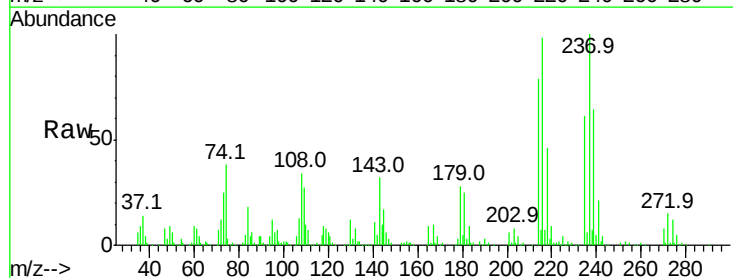
RT: 9.00 min Scan# 605

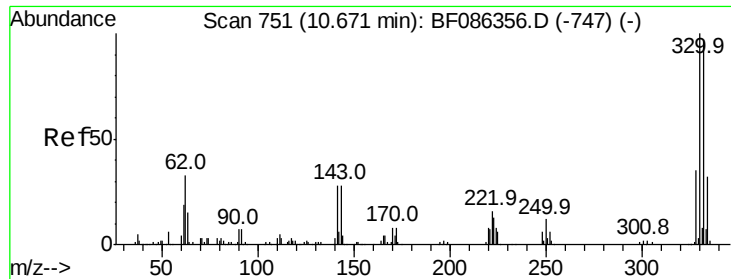
Delta R.T. 0.01 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		275454		
235	61.0	47.2	87.2		
272	14.7	0.0	31.1		





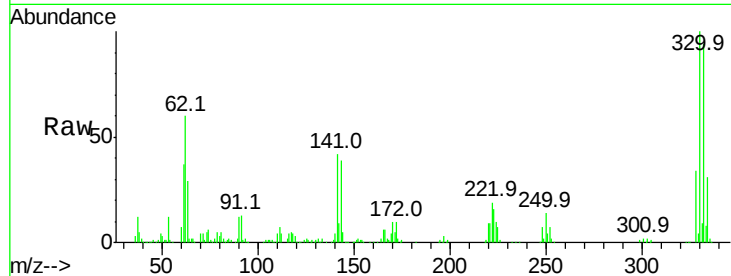
#41
 2,4,6-Tribromophenol
 Concen: 124.95 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086358.D
 Acq: 22 Apr 2016 21:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

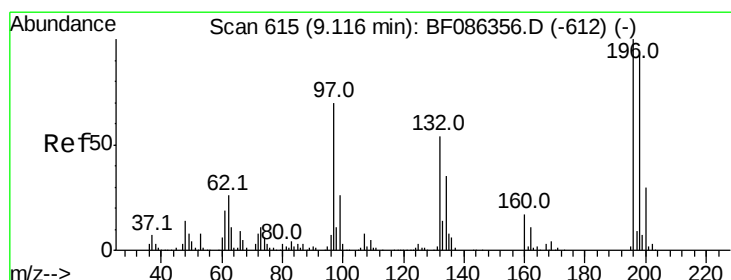
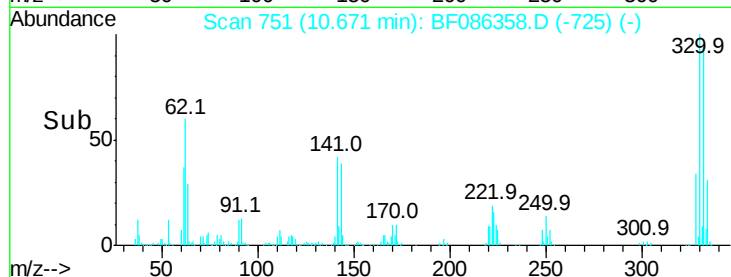
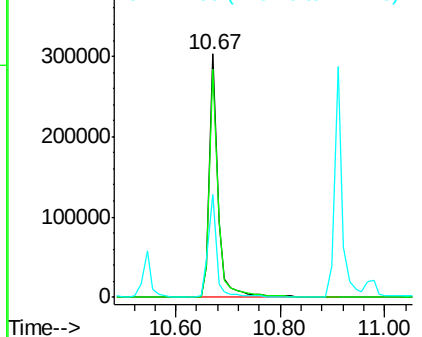
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	79.0	118.4	
141	42.3	31.2	46.8	

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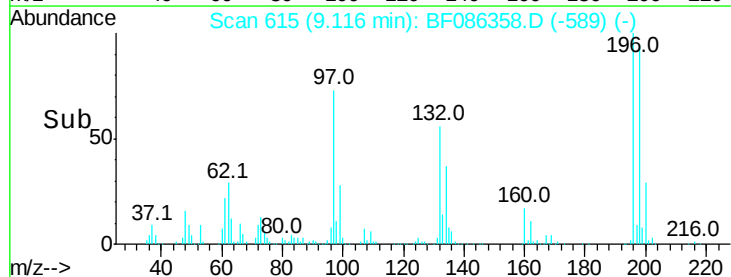
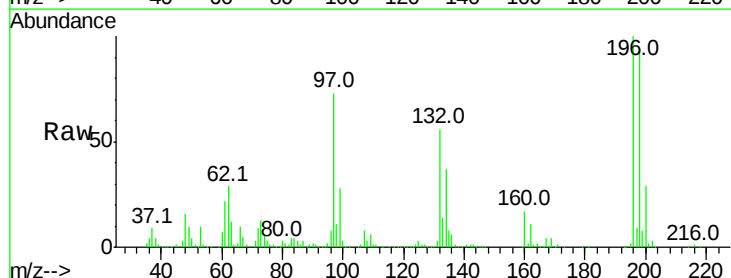
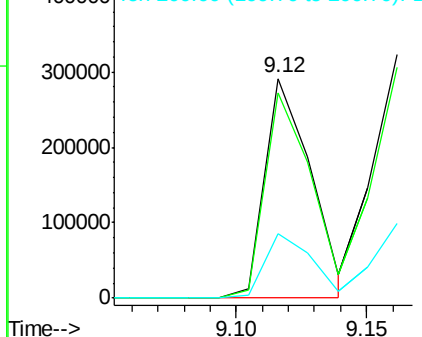
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

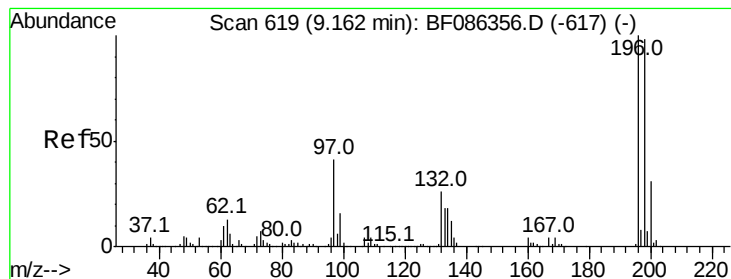


#42
 2,4,6-Trichlorophenol
 Concen: 55.21 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF086358.D
 Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.7	74.7	112.1	
200	29.5	23.8	35.6	

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





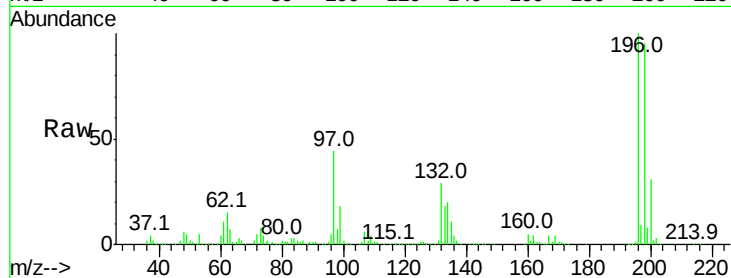
#43
 2,4,5-Trichlorophenol
 Concen: 59.79 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086358.D
 Acq: 22 Apr 2016 21:52

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC060

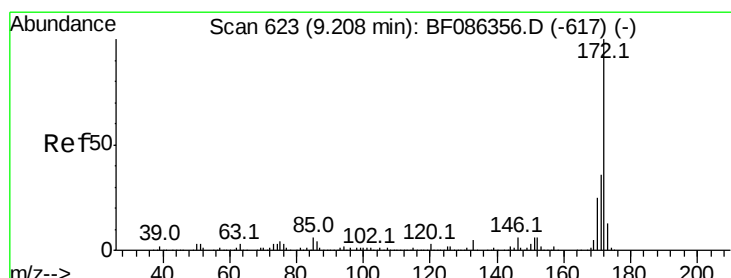
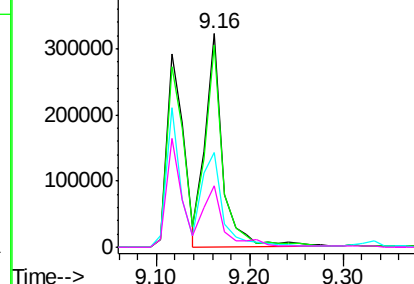
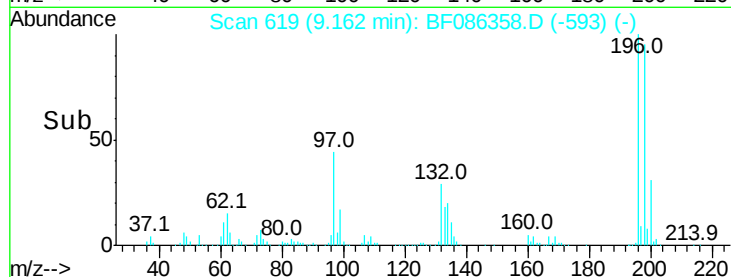
Tot Ion:	196	Resp:	425690
Ion Ratio	Lower	Upper	
196	100		
198	94.9	77.5	116.3
97	44.5	34.8	52.2
132	29.0	23.0	34.4

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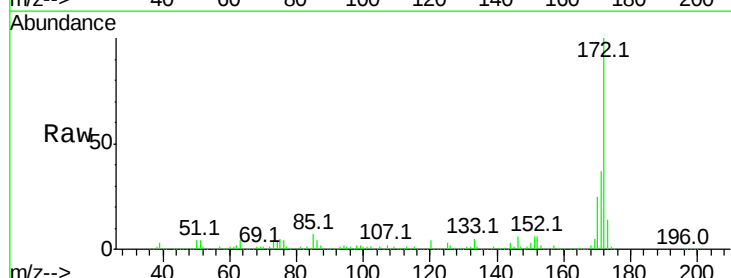


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

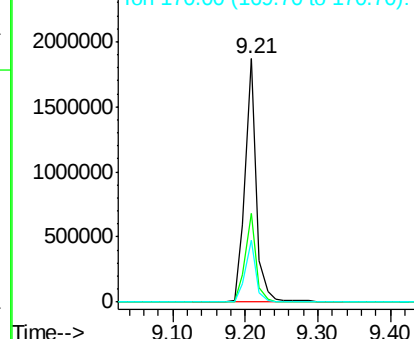
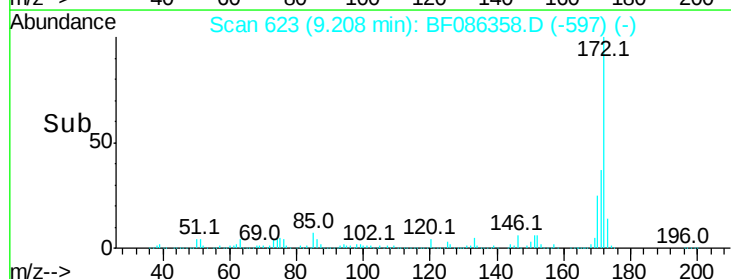


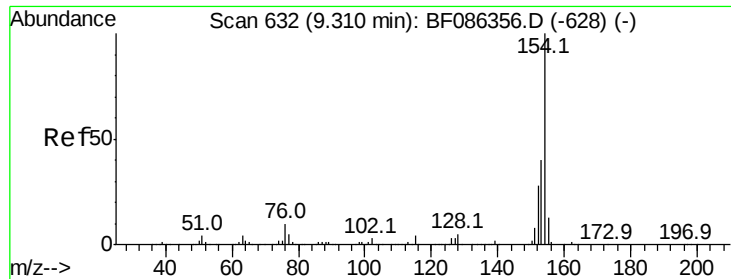
#44
 2-Fluorobiphenyl
 Concen: 95.68 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086358.D
 Acq: 22 Apr 2016 21:52

Tgt Ion:	172	Resp:	2038717
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.0	43.6
170	25.3	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 54.23 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1500765

Ion Ratio Lower Upper

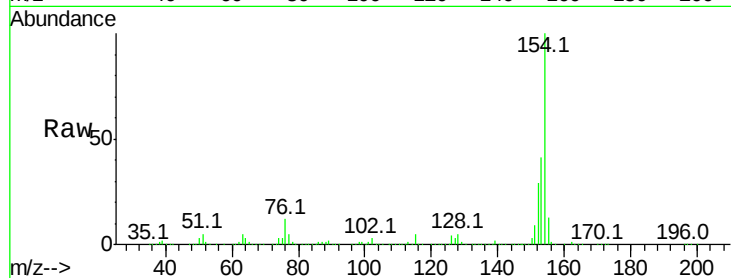
154 100

153 41.3 20.3 60.3

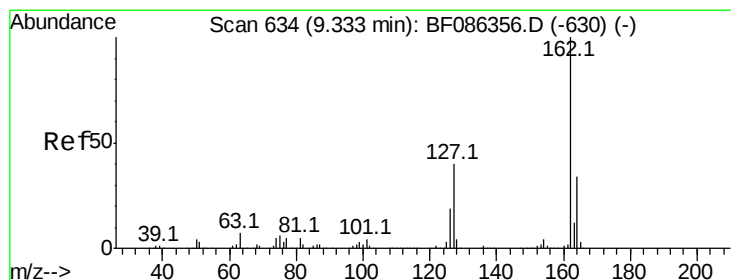
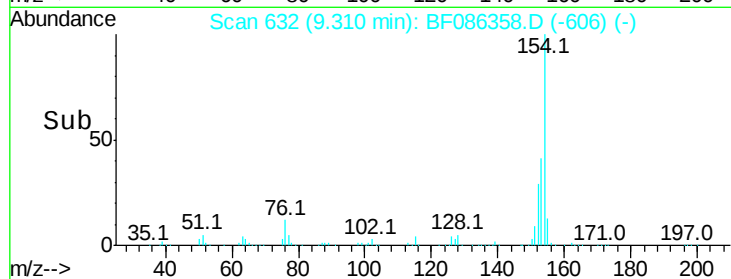
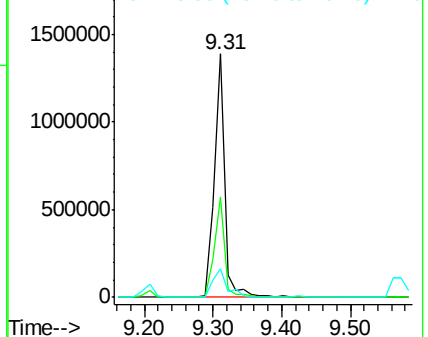
76 11.5 0.0 30.2

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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: 57.96 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

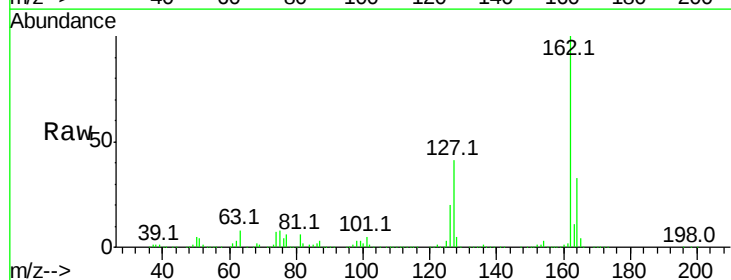
Tgt Ion:162 Resp: 1218270

Ion Ratio Lower Upper

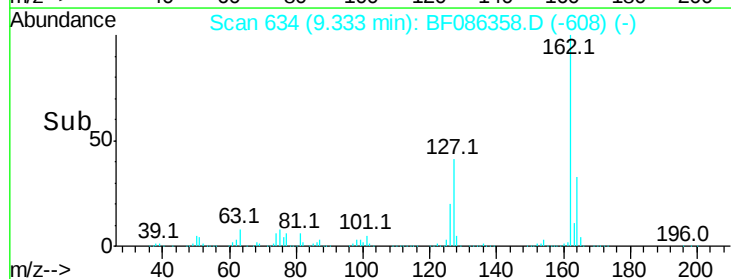
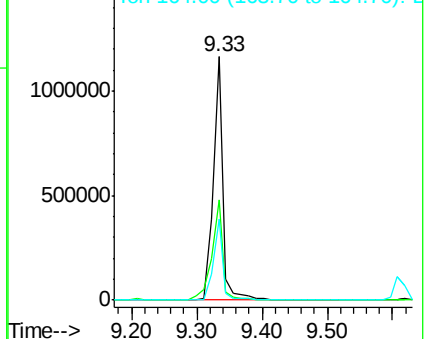
162 100

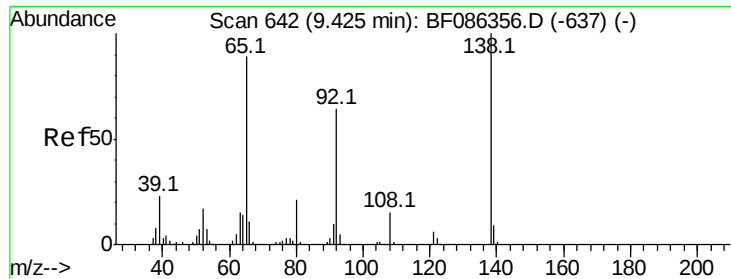
127 41.2 31.8 47.6

164 33.1 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





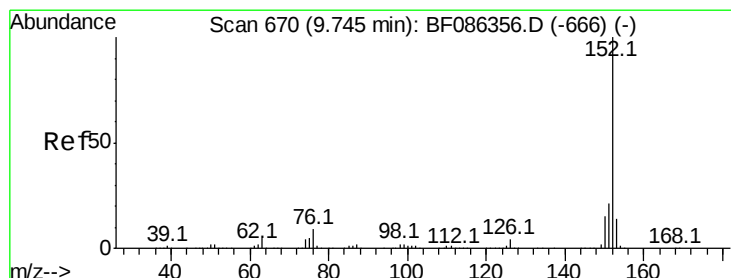
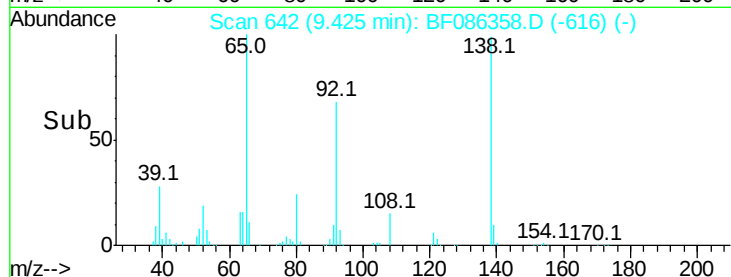
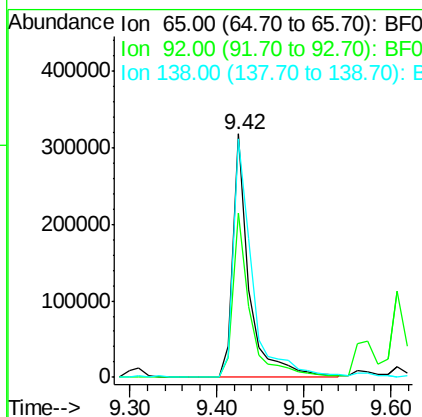
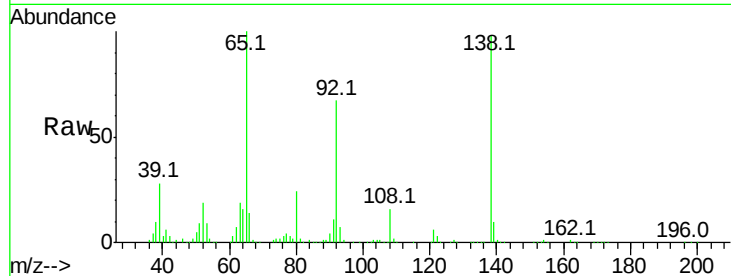
#47
2-Nitroaniline
Concen: 57.77 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.3	57.4	86.2
138	98.1	90.1	135.1

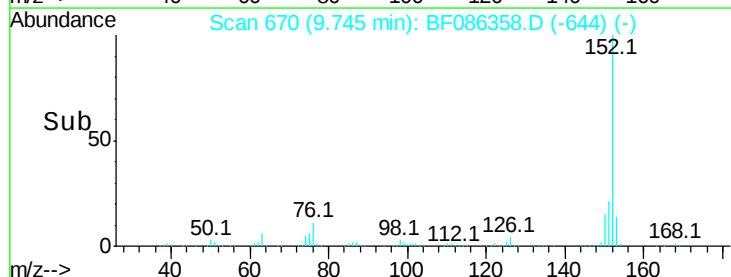
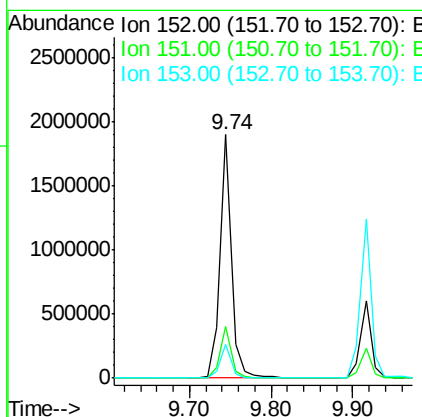
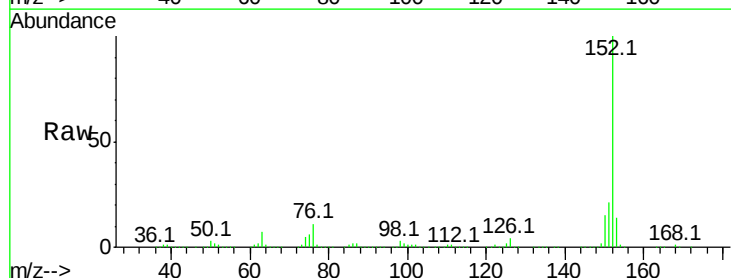
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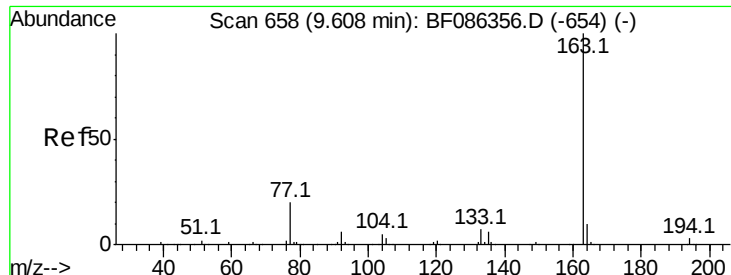
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#48
Acenaphthylene
Concen: 55.40 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.0	10.9	16.3





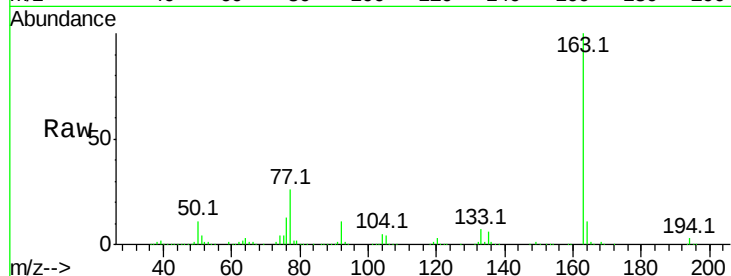
#49
Dimethylphthalate
Concen: 51.12 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

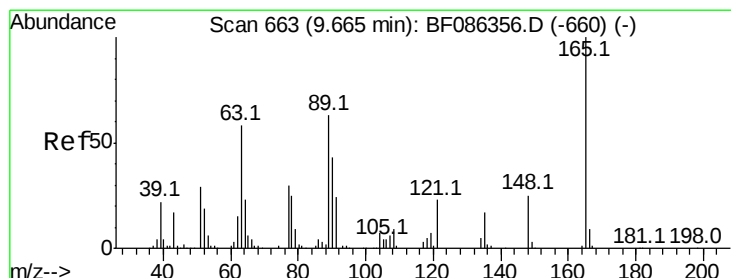
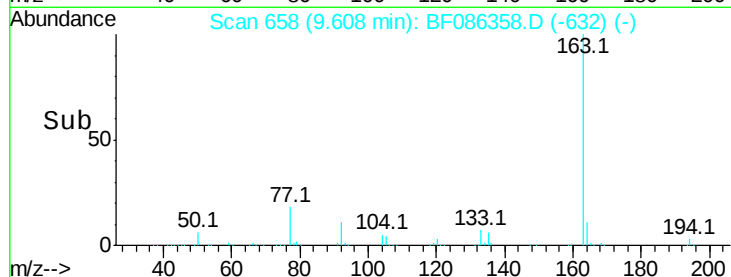
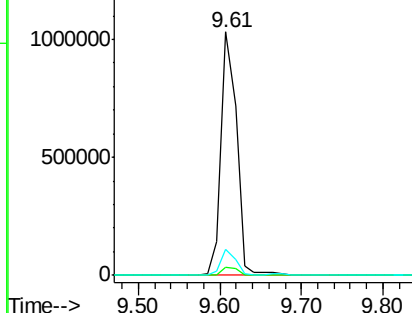
Tot Ion:163 Resp: 1376733
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.8 8.2 12.4

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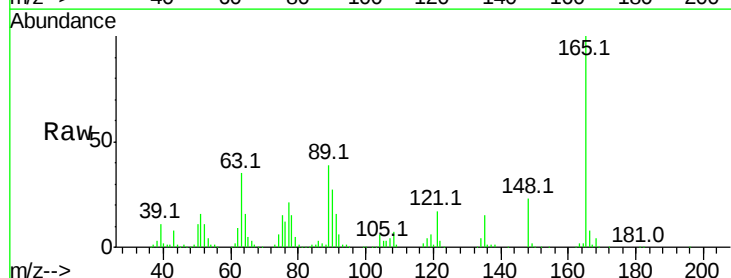


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

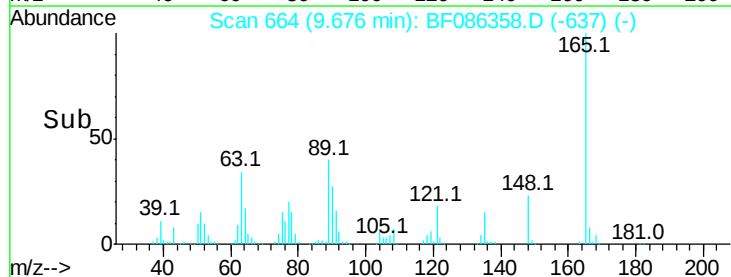
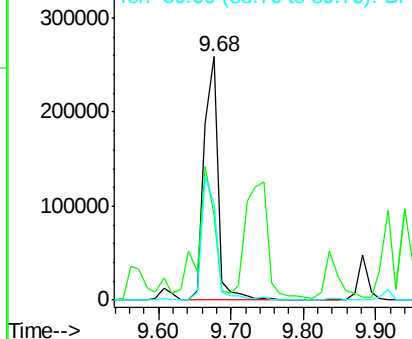


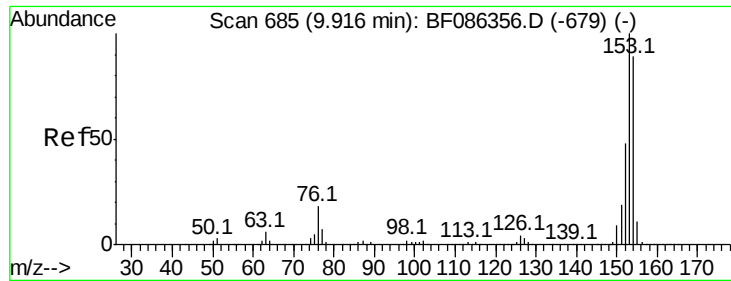
#50
2,6-Dinitrotoluene
Concen: 62.50 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion:165 Resp: 346569
Ion Ratio Lower Upper
165 100
63 35.1 51.8 77.8#
89 39.4 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: 58.84 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1157804

Ion Ratio Lower Upper

154 100

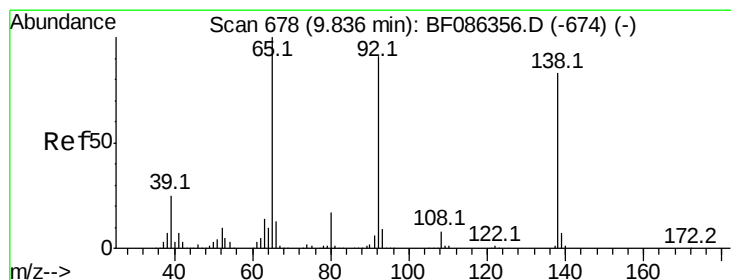
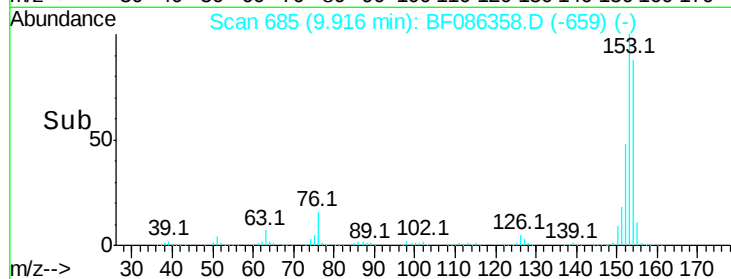
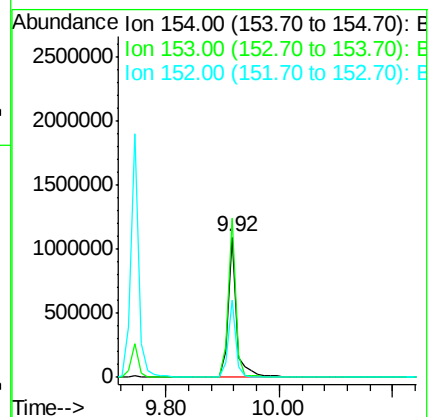
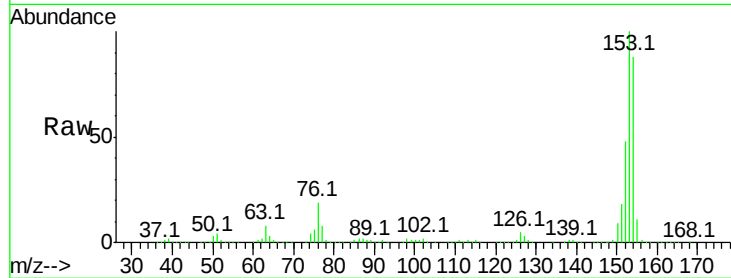
153 113.4 89.8 134.6

152 54.8 43.4 65.0

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#52

3-Nitroaniline

Concen: 59.10 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

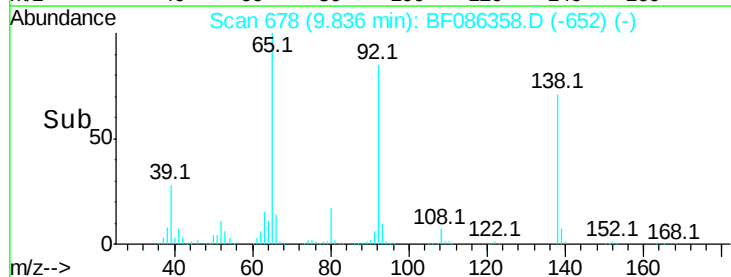
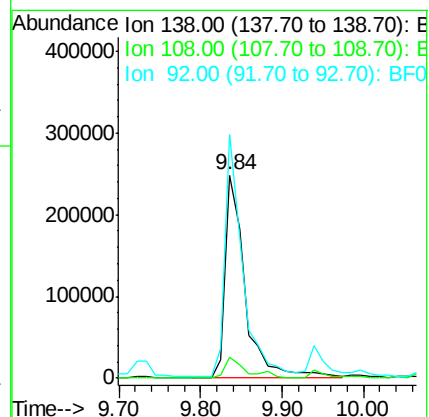
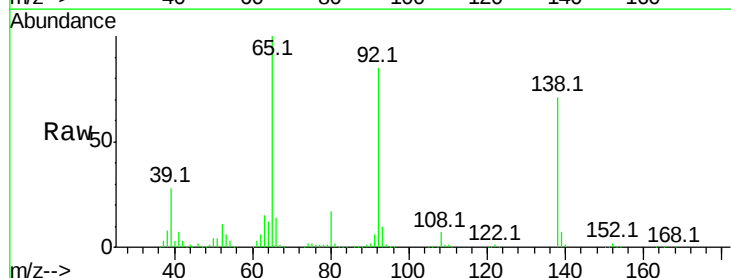
Tgt Ion:138 Resp: 417635

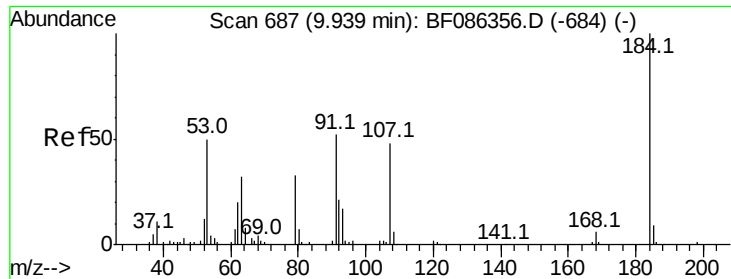
Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.6

92 120.0 87.8 131.8





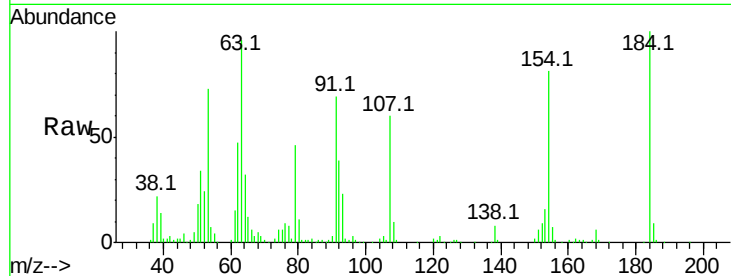
#53
2,4-Dinitrophenol
Concen: 148.64 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	96.1	55.8	83.8	
154	81.1	62.4	93.6	

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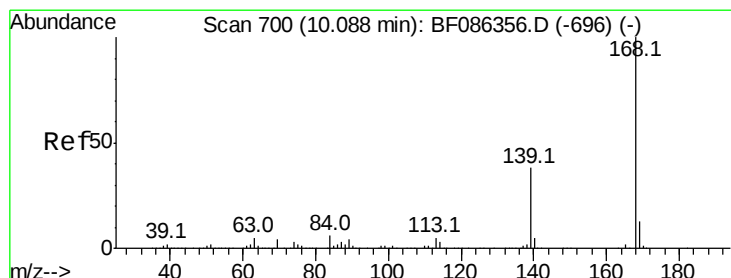
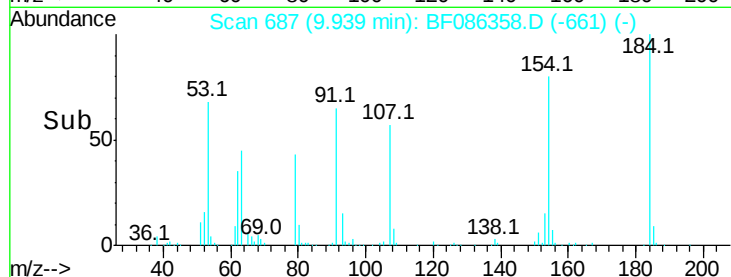
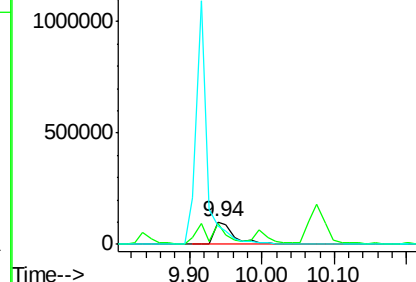


Abundance

Ion 184.00 (183.70 to 184.70): E

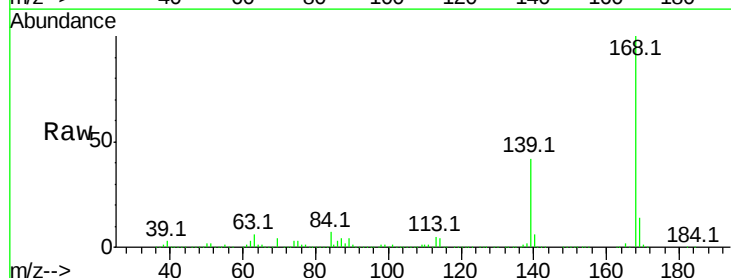
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 56.29 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.6	31.4	47.0	
169	13.9	10.7	16.1	

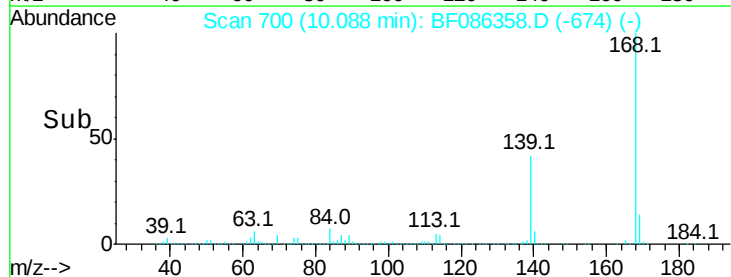
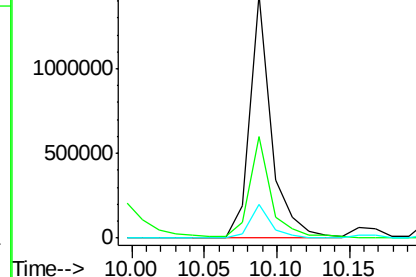


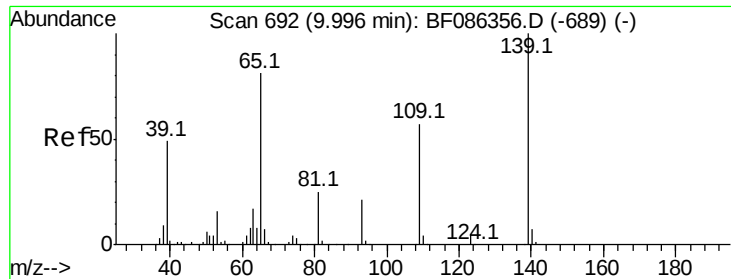
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





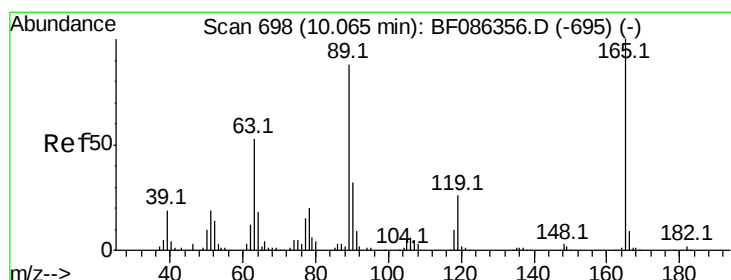
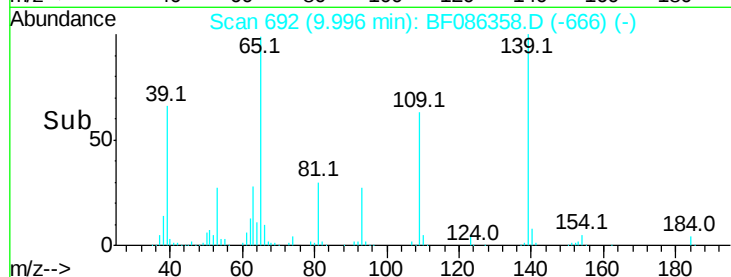
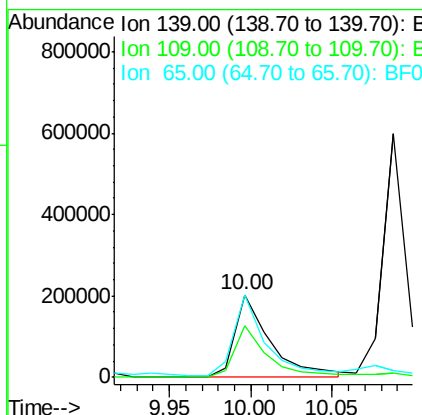
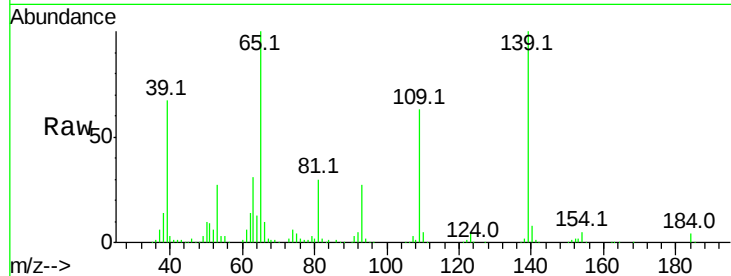
#55
4-Nitrophenol
Concen: 67.83 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100	304251		
109	62.5	36.9	76.9	
65	100.0	64.0	104.0	

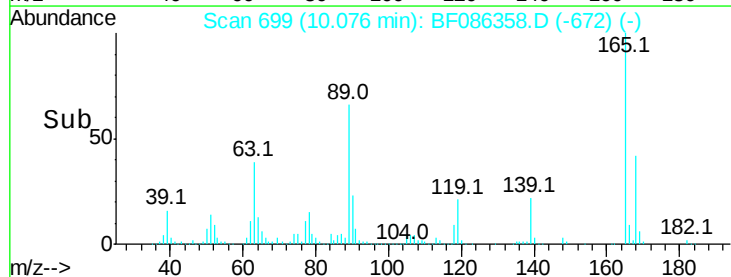
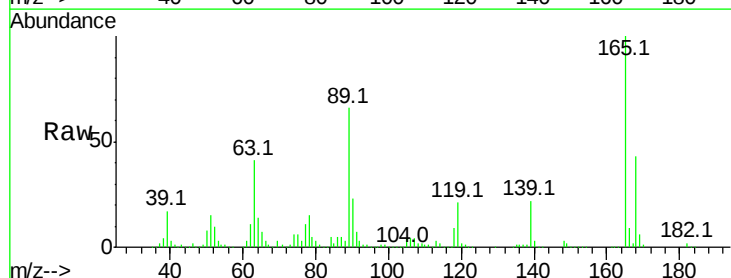
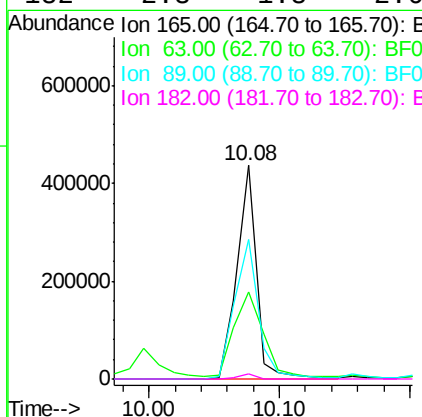
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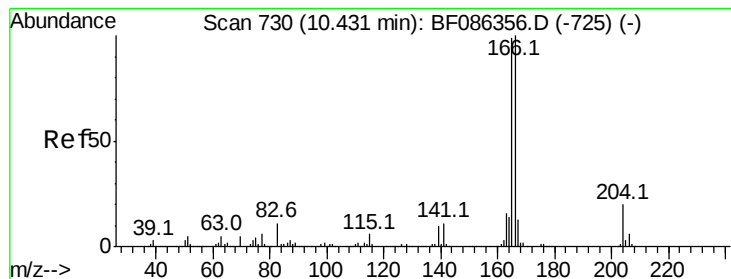
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#56
2,4-Dinitrotoluene
Concen: 65.33 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	454451		
63	40.9	44.3	66.5#	
89	65.6	70.0	105.0#	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 59.35 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

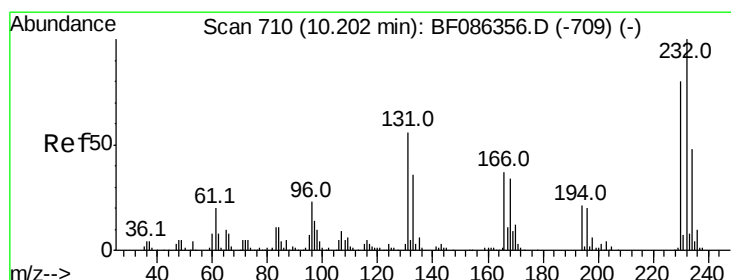
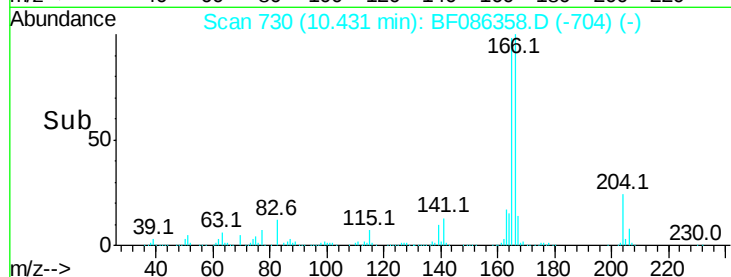
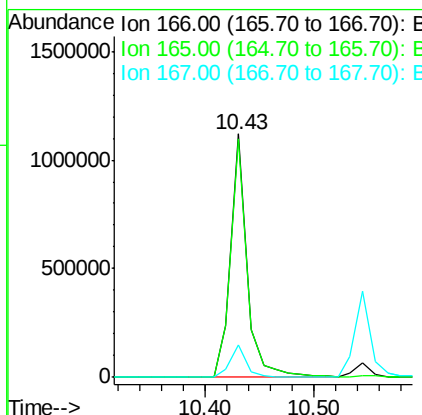
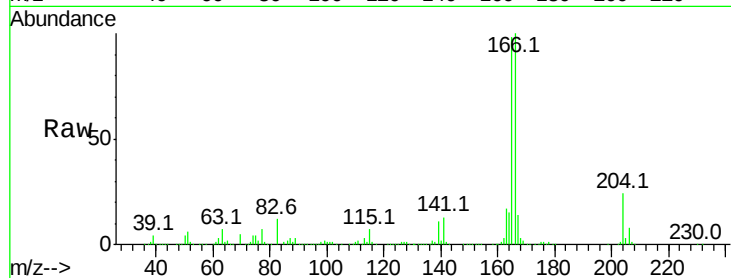
ClientSampleId :

SSTDICC060

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Tot Ion:	166	Resp:	1177996
Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.6
167	13.5	10.6	15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 62.45 ng

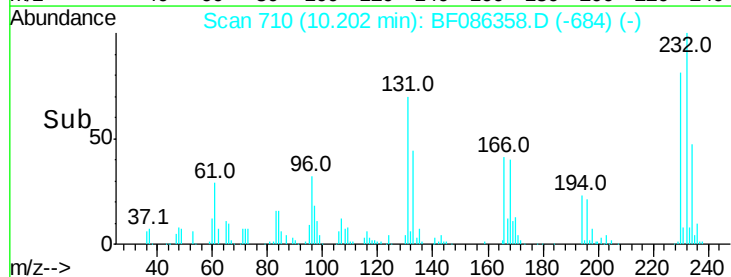
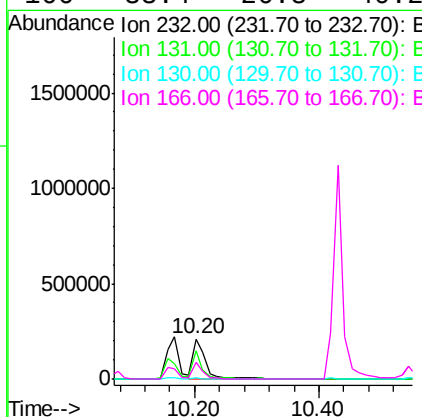
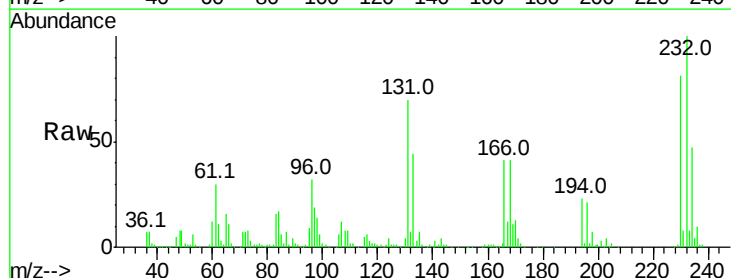
RT: 10.20 min Scan# 710

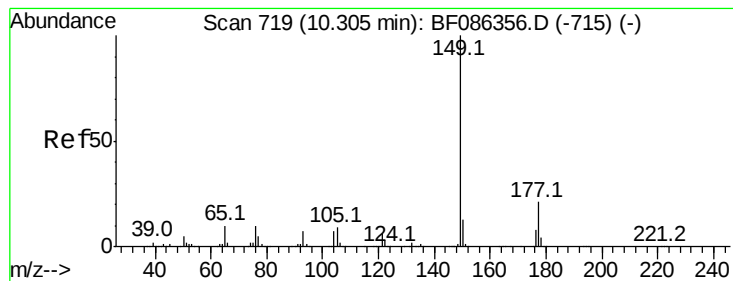
Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion:	232	Resp:	300771
Ion	Ratio	Lower	Upper
232	100		
131	52.6	41.9	62.9
130	2.9	2.2	3.4
166	33.4	26.8	40.2





#59

Diethylphthalate

Concen: 50.06 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

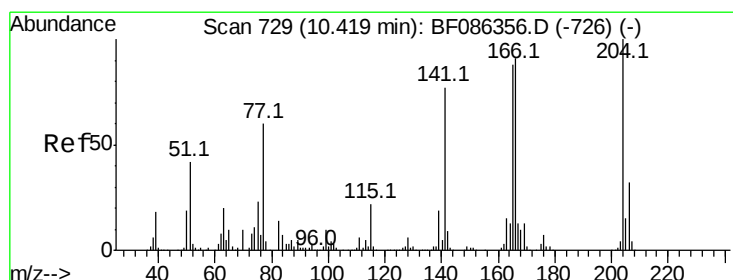
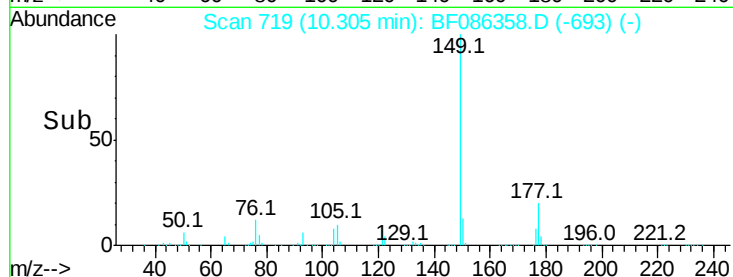
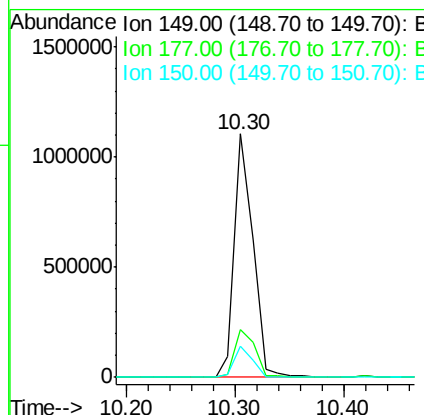
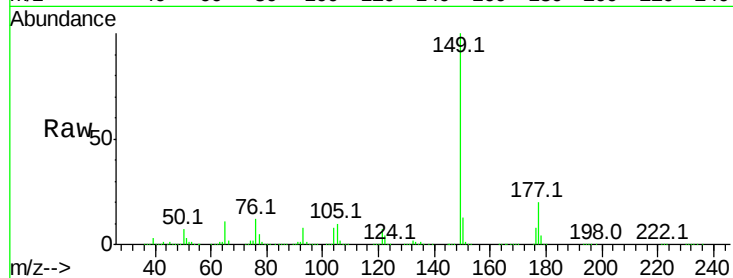
ClientSampled :

SSTDICC060

Tot Ion:	149	Resp:	1310102
Ion Ratio	Lower	Upper	
149	100		
177	19.8	16.6	24.8
150	13.0	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 56.48 ng

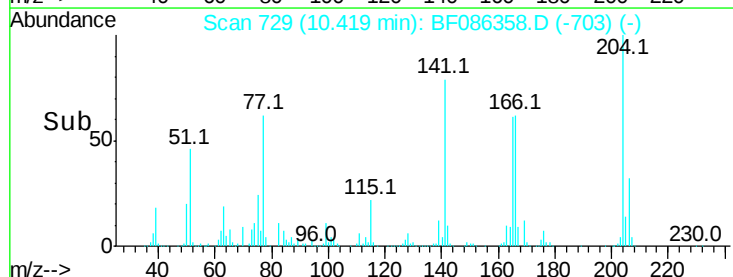
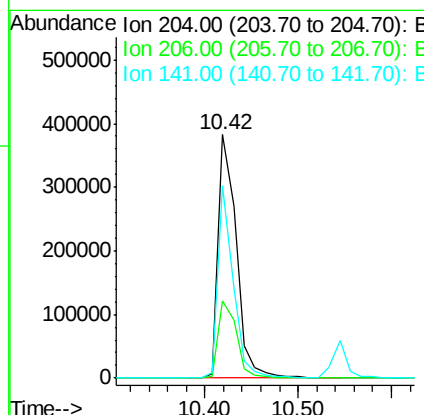
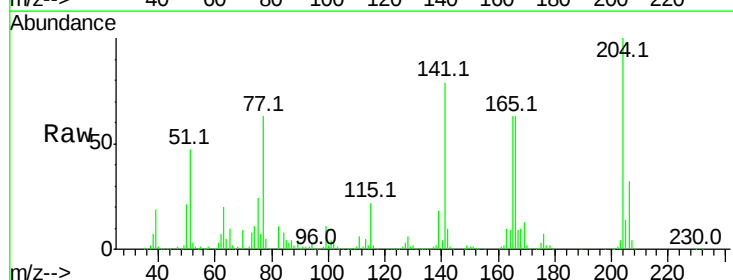
RT: 10.42 min Scan# 729

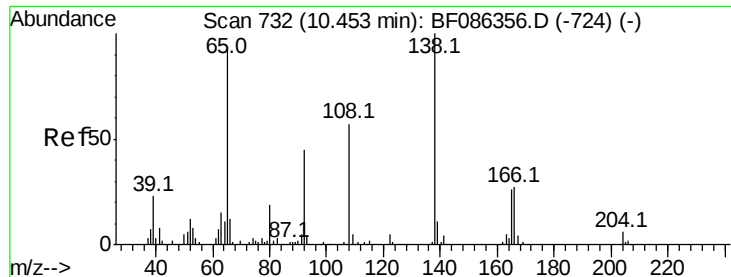
Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion:	204	Resp:	514377
Ion Ratio	Lower	Upper	
204	100		
206	31.8	25.4	38.0
141	78.8	61.6	92.4





#61

4-Nitroaniline

Concen: 63.50 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

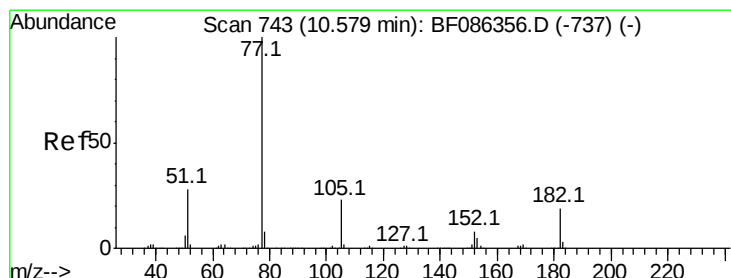
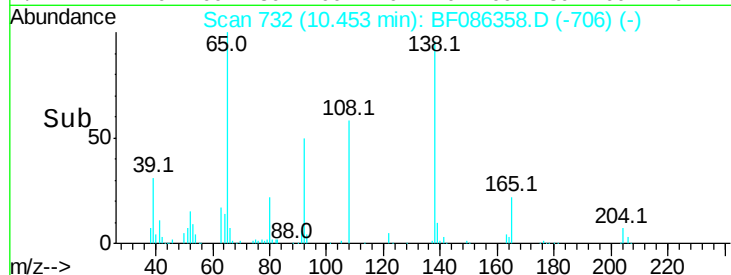
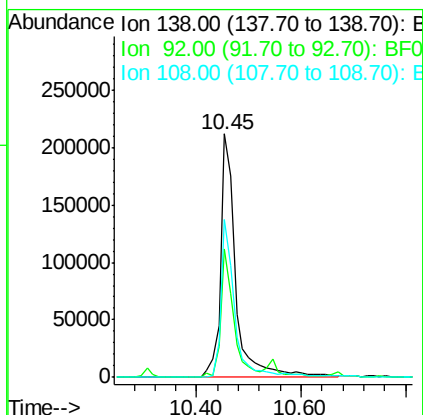
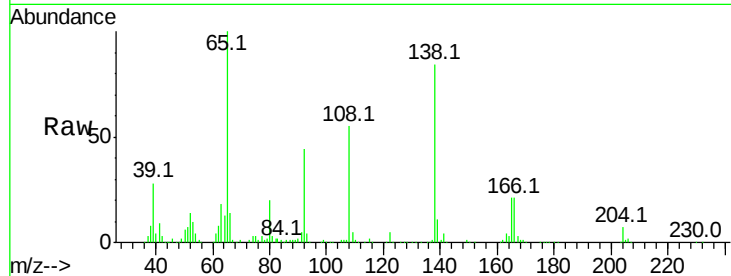
ClientSampleId :

SSTDICC060

Tot Ion:	138	Resp:	428795
Ion	Ratio	Lower	Upper
138	100		
92	52.7	24.7	64.7
108	65.0	37.4	77.4

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#62

Azobenzene

Concen: 53.49 ng

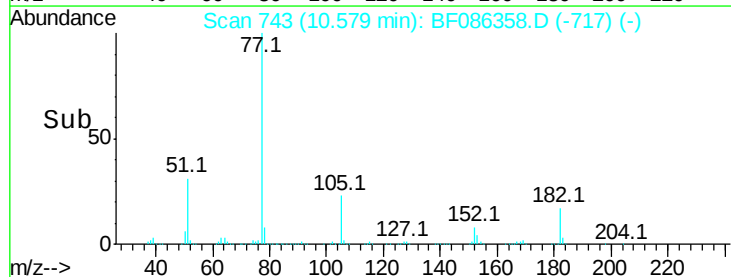
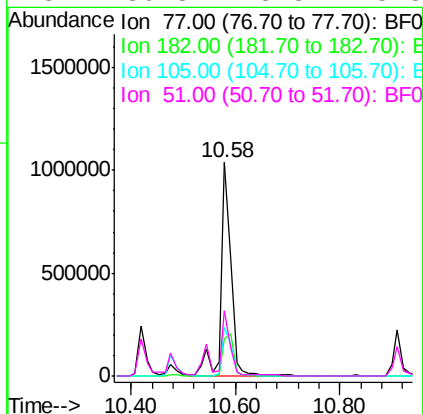
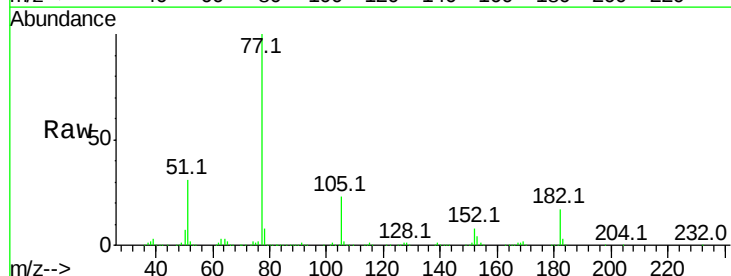
RT: 10.58 min Scan# 743

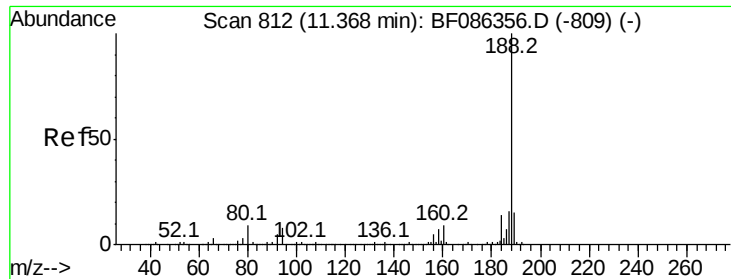
Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion:	77	Resp:	1385158
Ion	Ratio	Lower	Upper
77	100		
182	17.4	0.0	38.8
105	22.6	3.2	43.2
51	30.8	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

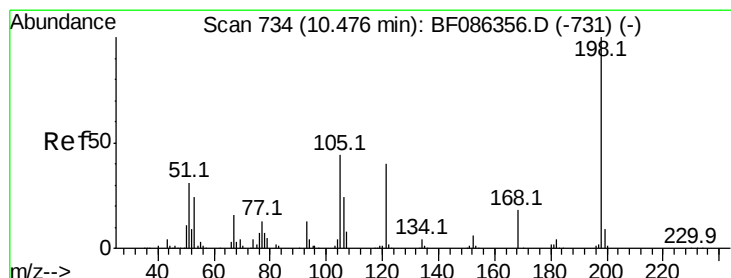
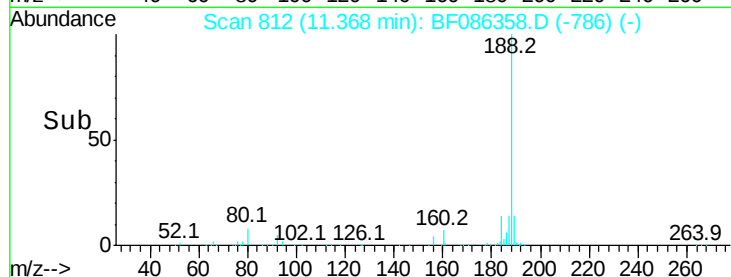
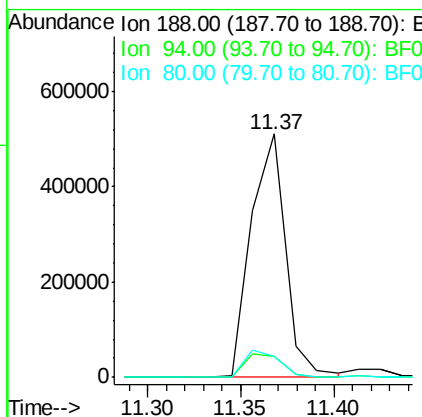
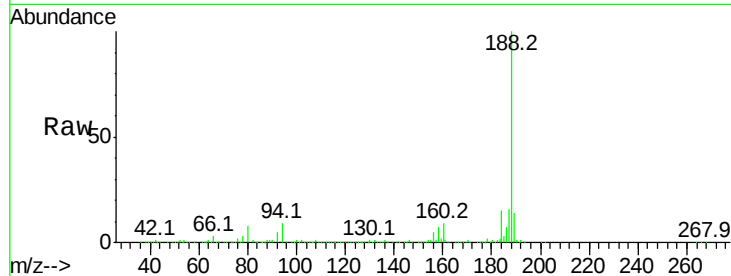
ClientSampleId :

SSTDICC060

Tot Ion:188	Resp:	655249
Ion Ratio	Lower	Upper
188 100		
94 8.8	6.8	10.2
80 8.4	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 114.44 ng

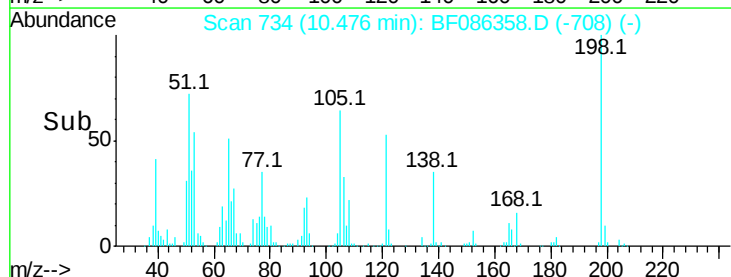
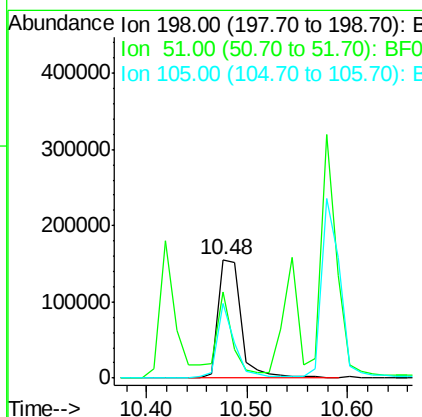
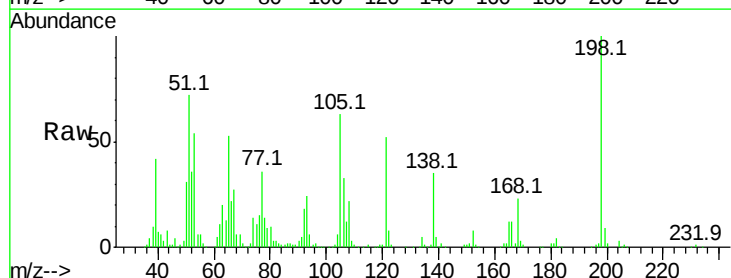
RT: 10.48 min Scan# 734

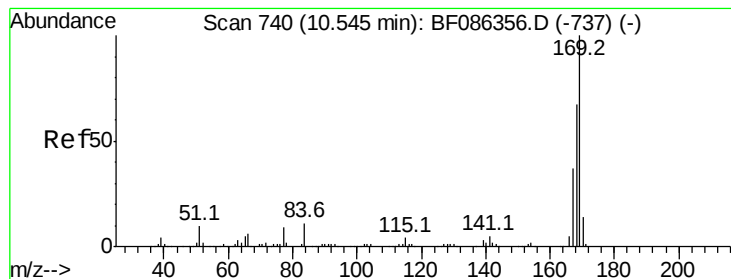
Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion:198	Resp:	248215
Ion Ratio	Lower	Upper
198 100		
51 72.2	20.5	60.5#
105 63.1	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 51.63 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:169 Resp: 1094170

Ion Ratio Lower Upper

169 100

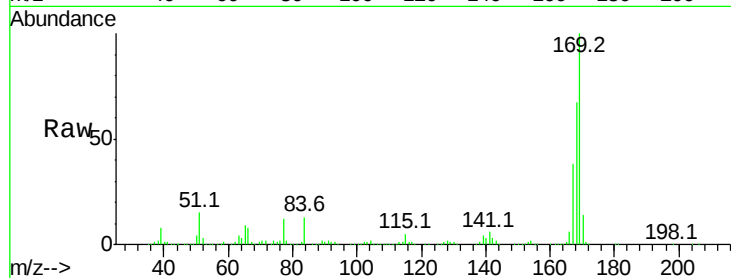
168 67.2 53.8 80.6

167 37.6 29.5 44.3

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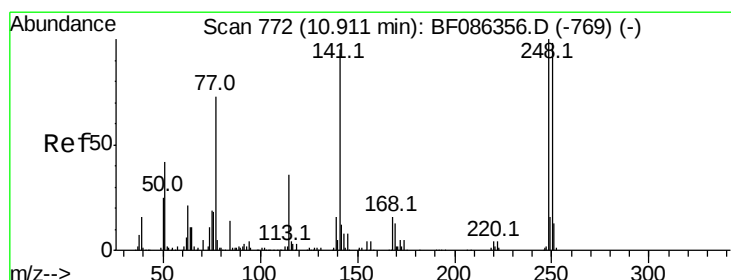
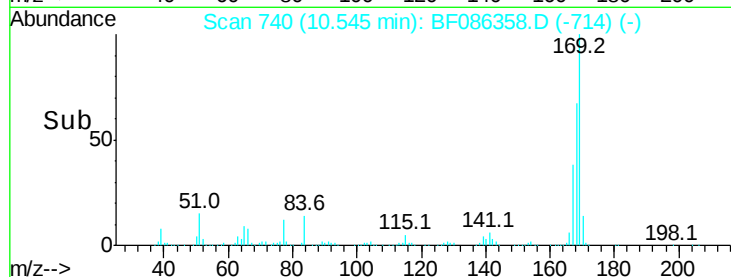
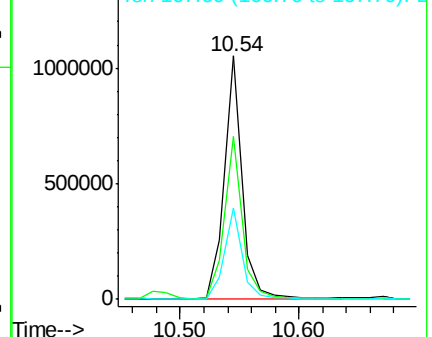
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.77 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

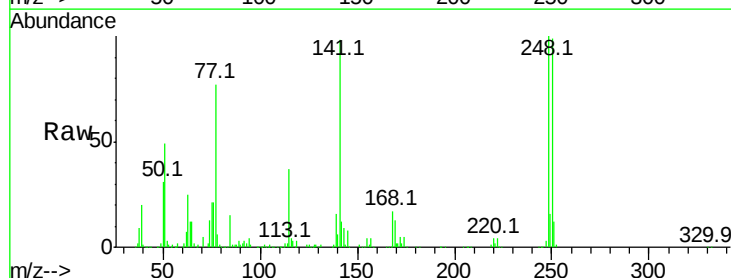
Tgt Ion:248 Resp: 353345

Ion Ratio Lower Upper

248 100

250 99.0 78.6 117.8

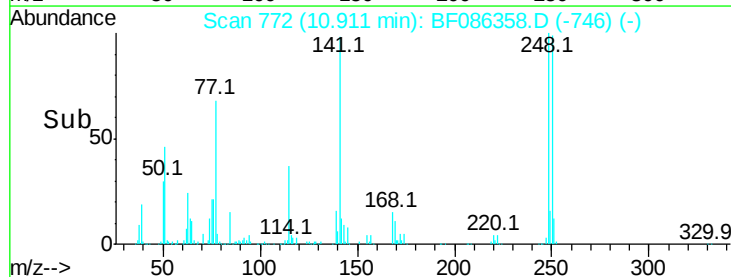
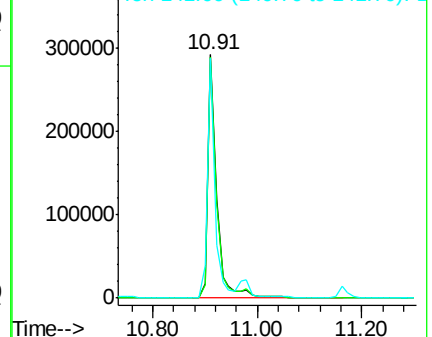
141 98.3 76.0 114.0

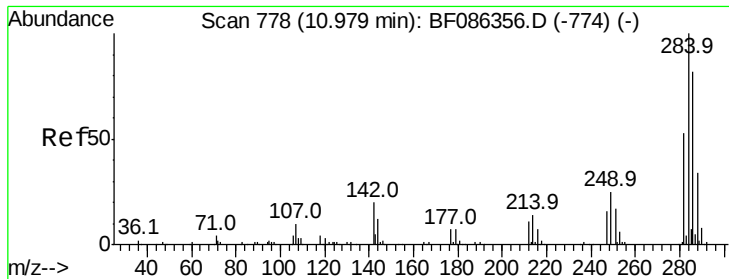


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





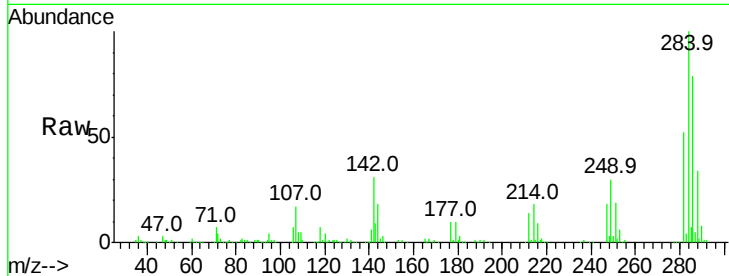
#67
Hexachlorobenzene
Concen: 54.32 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

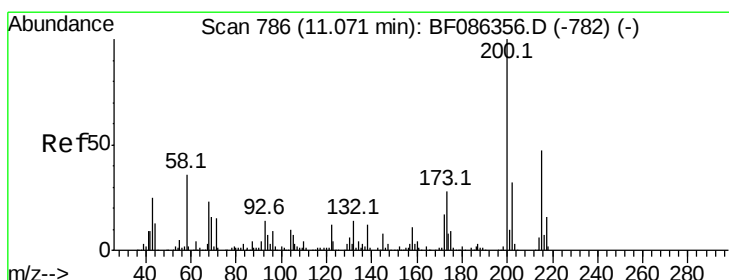
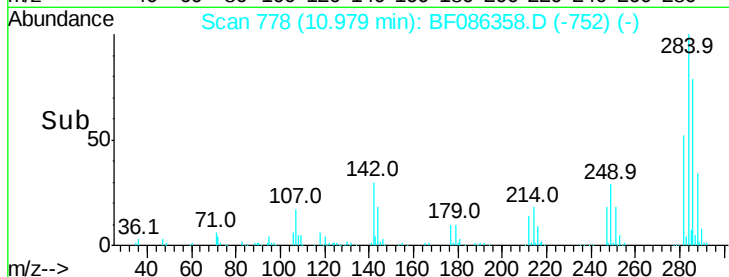
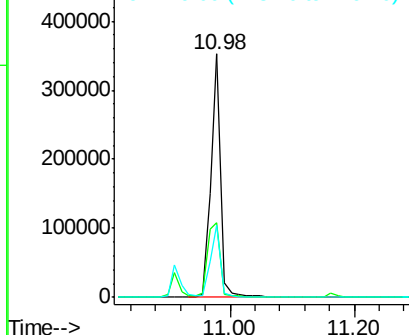
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.8	16.7	25.1#	
249	29.8	21.3	31.9	

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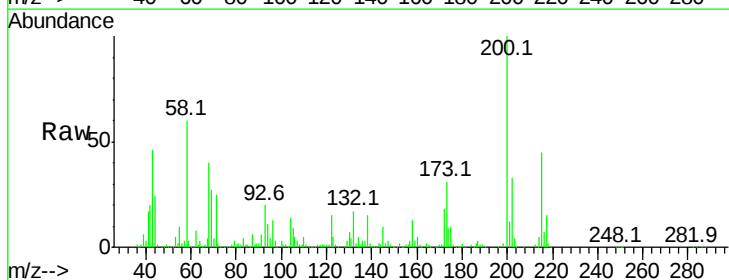


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

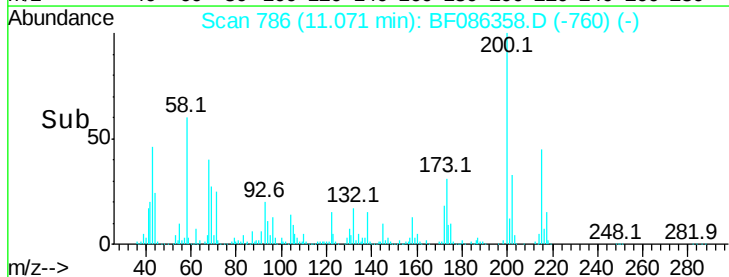
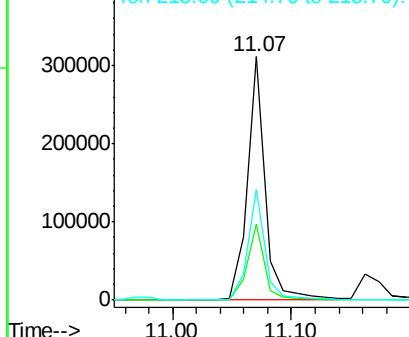


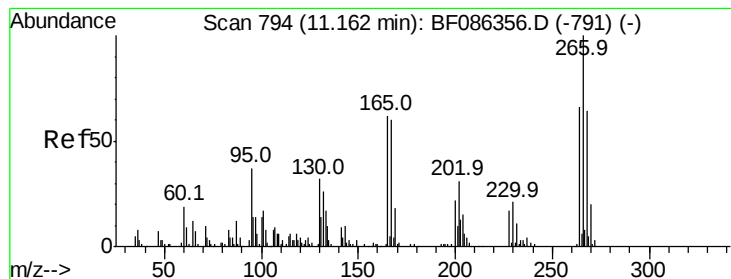
#68
Atrazine
Concen: 49.50 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.3	8.5	48.5	
215	45.3	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: 68.28 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

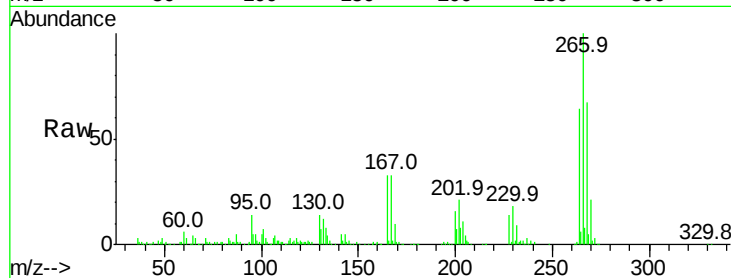
ClientSampleId :

SSTDIC060

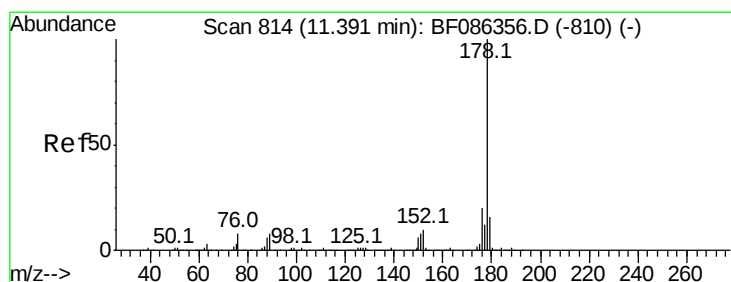
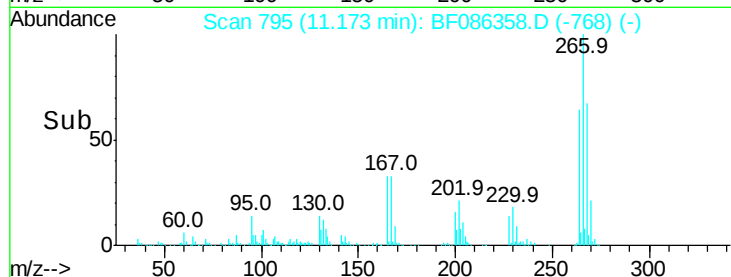
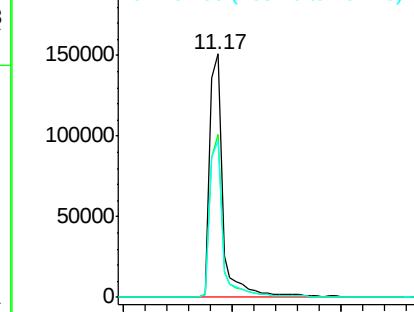
Tot Ion:	266	Resp:	255799
Ion Ratio	Lower	Upper	
266	100		
268	67.0	51.5	77.3
264	64.3	52.9	79.3

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



#70

Phenanthrene

Concen: 58.22 ng

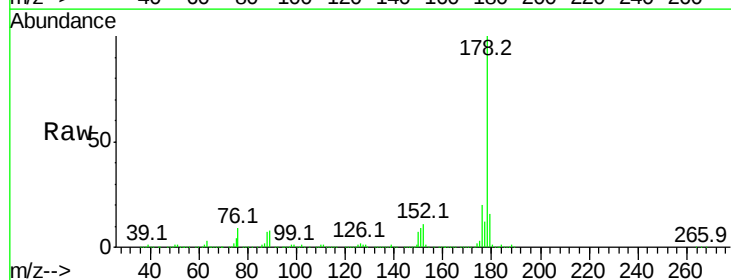
RT: 11.39 min Scan# 814

Delta R.T. 0.00 min

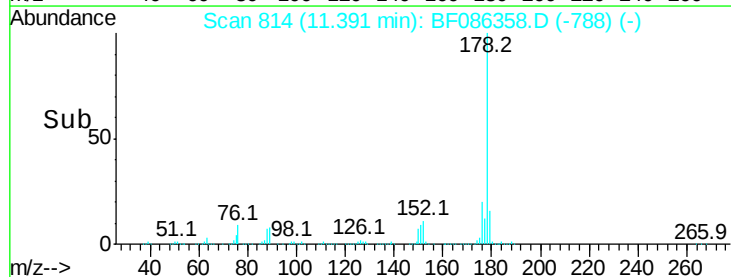
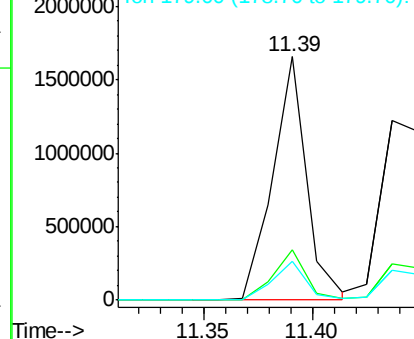
Lab File: BF086358.D

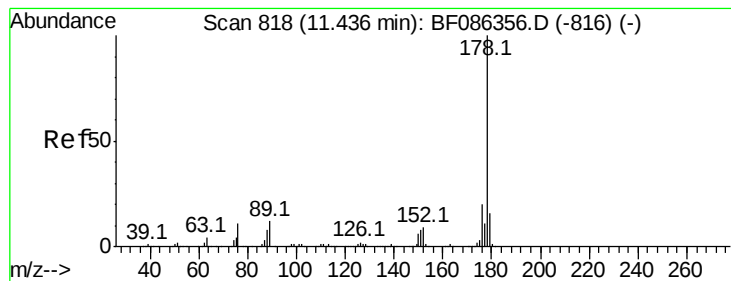
Acq: 22 Apr 2016 21:52

Tgt Ion:	178	Resp:	1810055
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.0	24.0
179	16.1	12.6	18.8



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





#71

Anthracene

Concen: 59.96 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 2013125

Ion Ratio Lower Upper

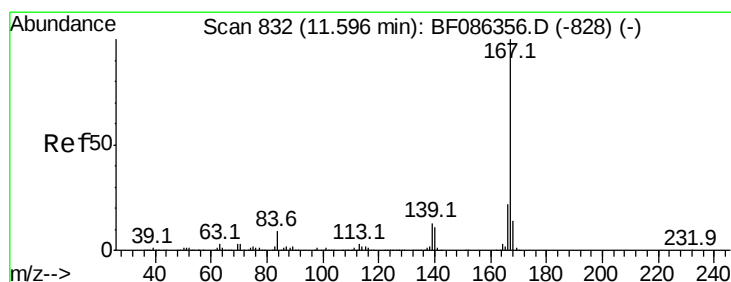
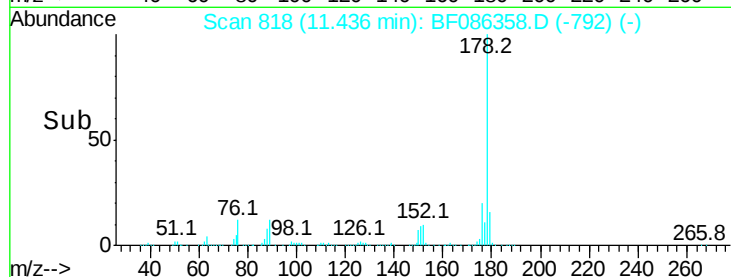
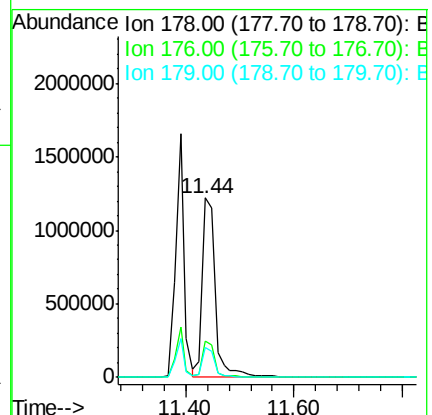
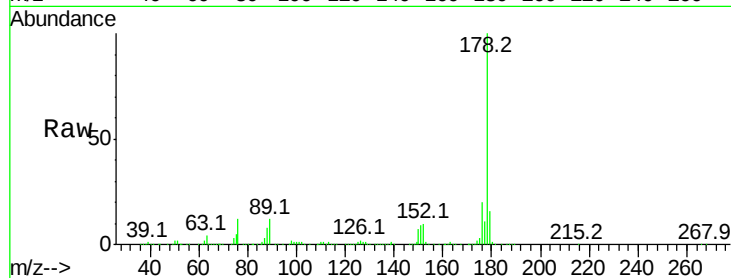
178 100

176 19.9 15.6 23.4

179 16.4 12.7 19.1

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#72

Carbazole

Concen: 60.43 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

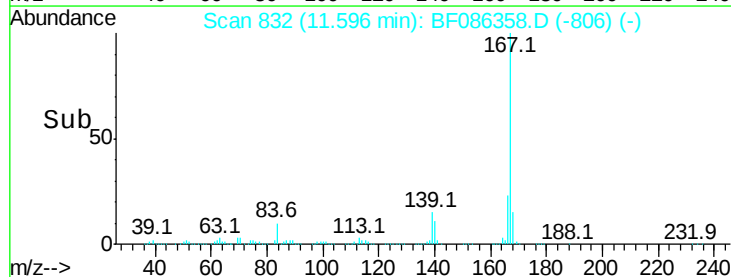
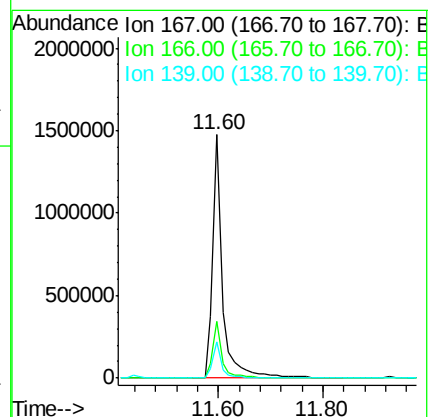
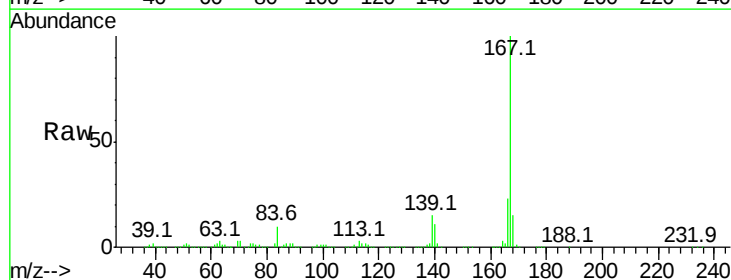
Tgt Ion:167 Resp: 1933510

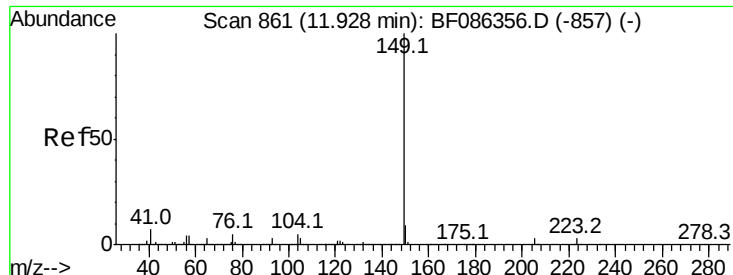
Ion Ratio Lower Upper

167 100

166 23.1 17.7 26.5

139 14.6 10.8 16.2





#73

Di-n-butylphthalate

Concen: 49.31 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1952676

Ion Ratio Lower Upper

149 100

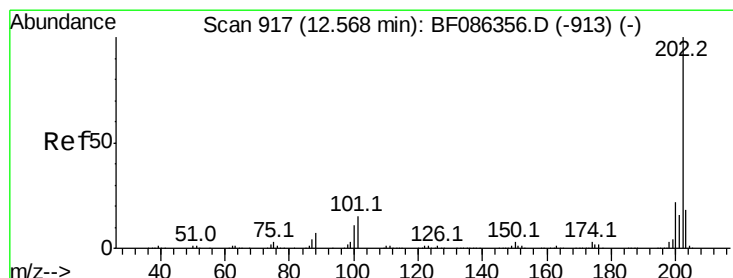
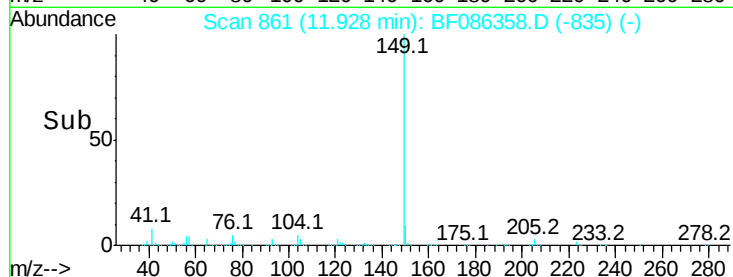
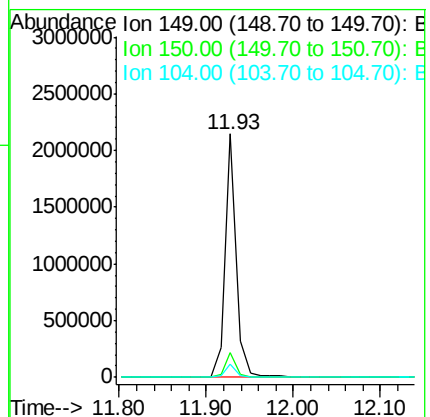
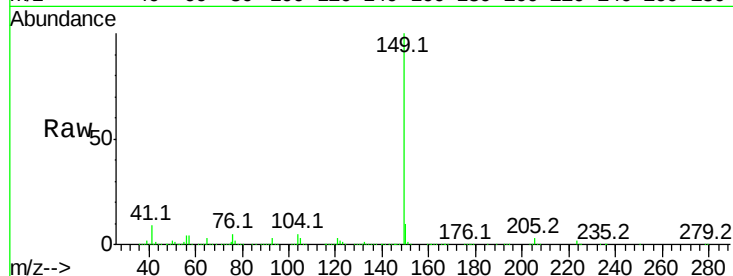
150 9.9 7.6 11.4

104 5.2 3.8 5.6

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#74

Fluoranthene

Concen: 62.70 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

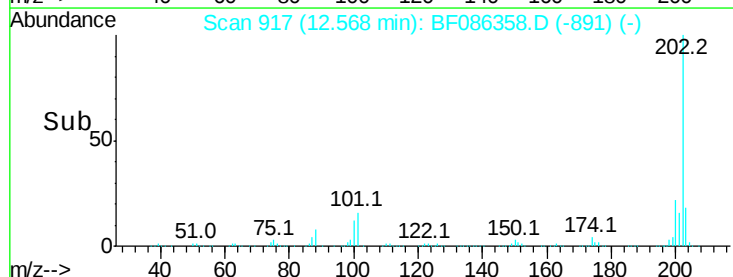
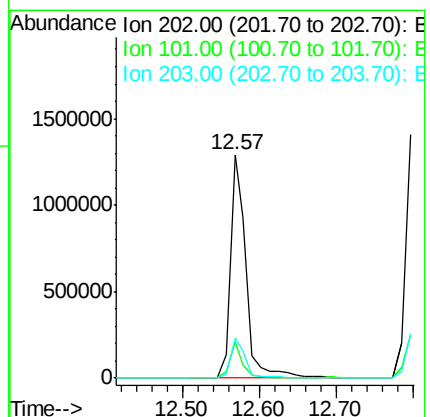
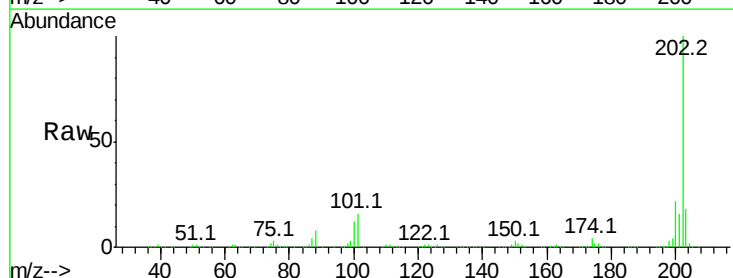
Tgt Ion:202 Resp: 1855043

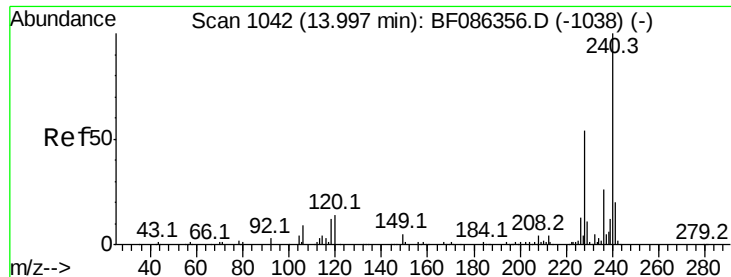
Ion Ratio Lower Upper

202 100

101 16.1 0.0 35.4

203 18.2 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: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

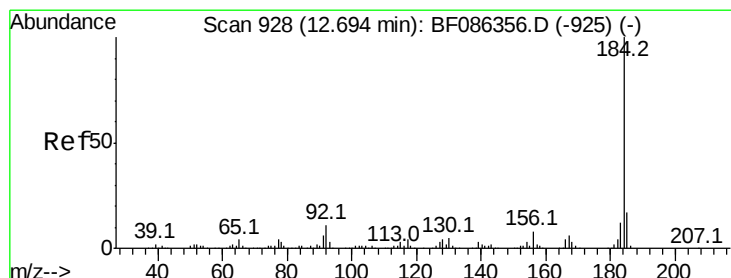
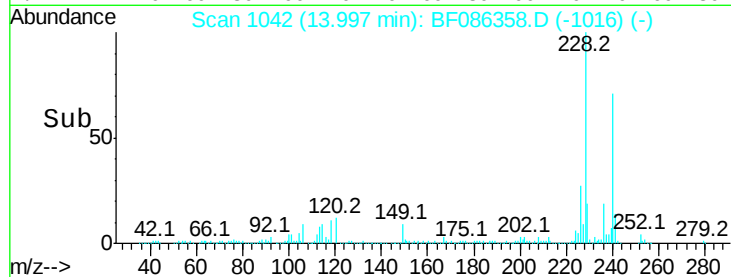
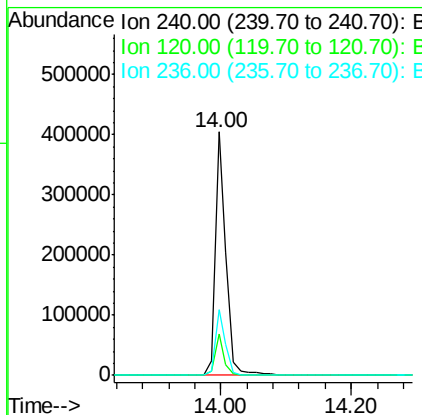
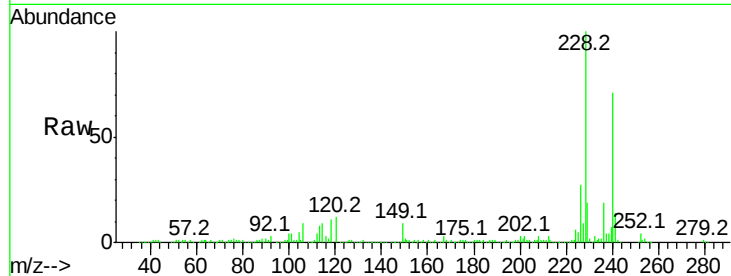
ClientSampled :

SSTDICC060

Tot Ion:	240	Resp:	468583
Ion Ratio	Lower	Upper	
240	100		
120	16.8	11.2	16.8#
236	27.1	21.2	31.8

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#76

Benzidine

Concen: 56.24 ng

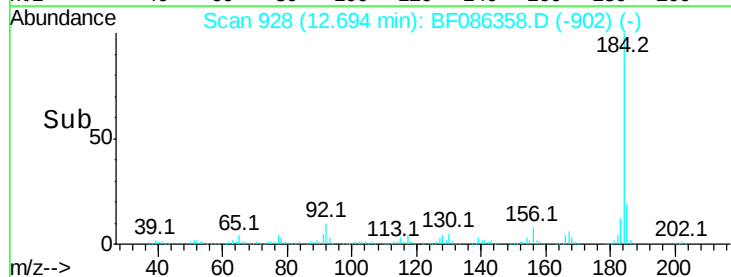
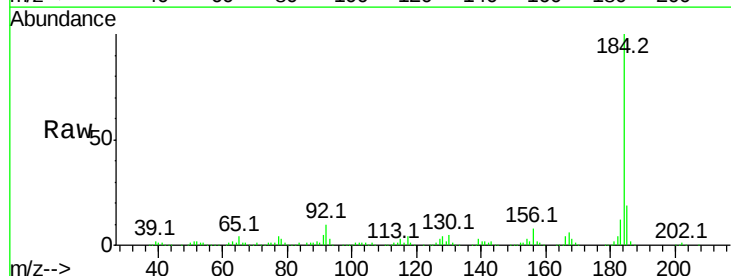
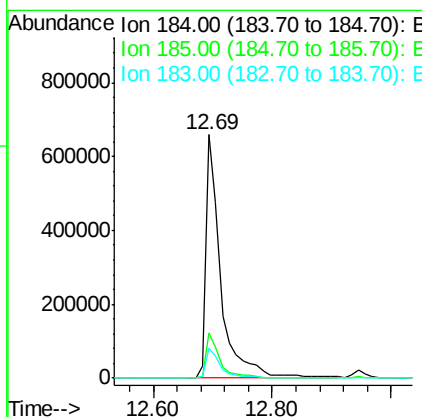
RT: 12.69 min Scan# 928

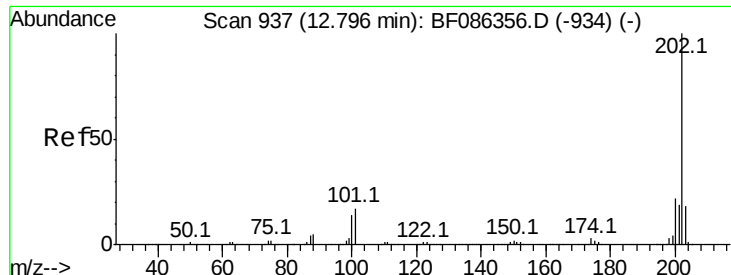
Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Tgt Ion:	184	Resp:	1162087
Ion Ratio	Lower	Upper	
184	100		
185	18.6	13.6	20.4
183	12.2	9.8	14.6





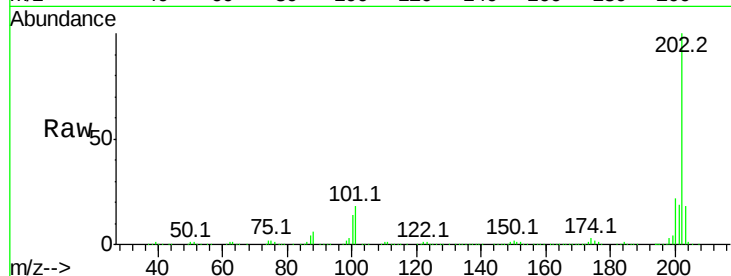
#77
Pvrene
Concen: 54.36 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

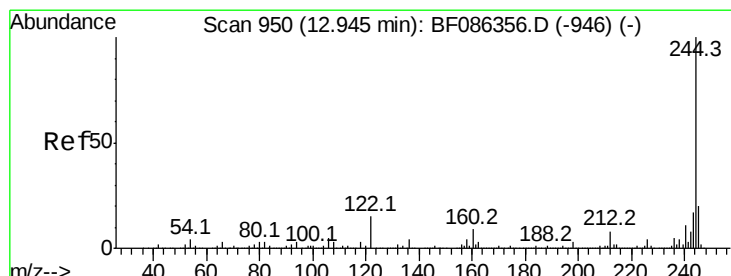
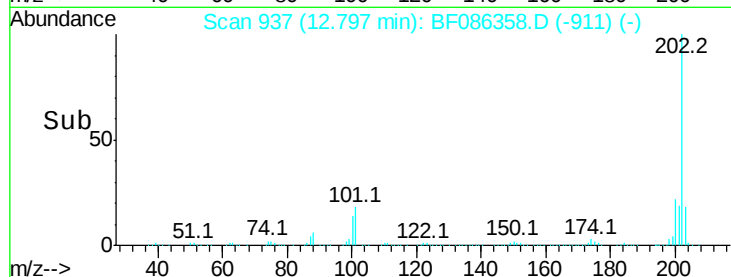
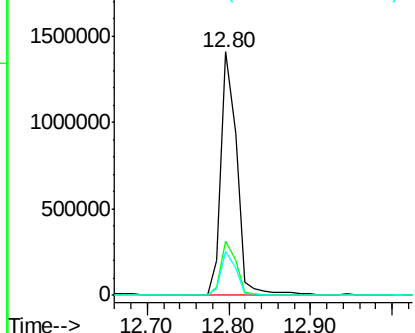
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.9	14.2	21.4

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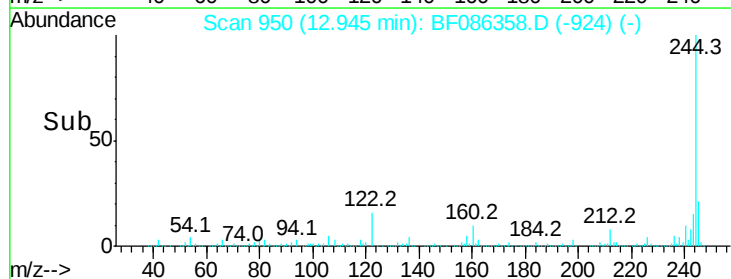
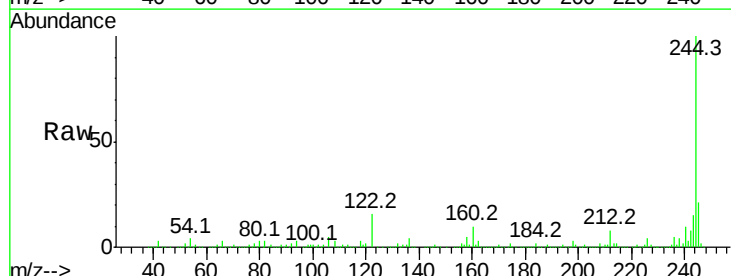
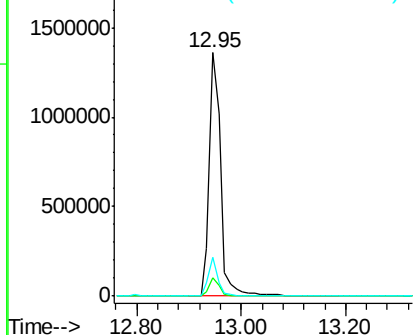
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

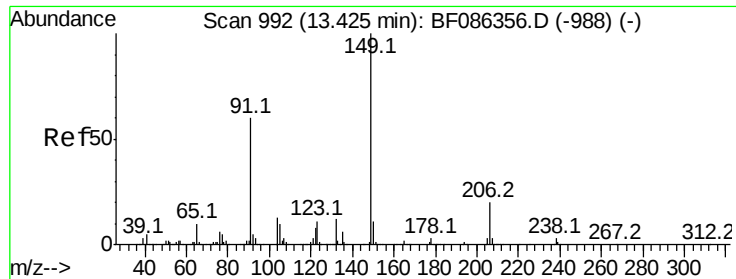


#78
Terphenyl-d14
Concen: 106.12 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	15.7	12.0	18.0

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





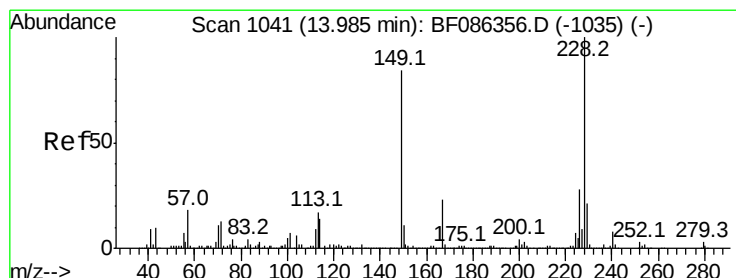
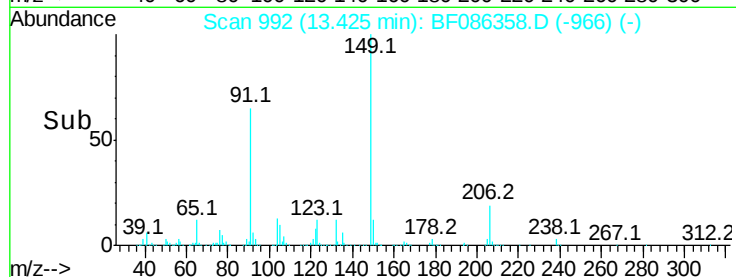
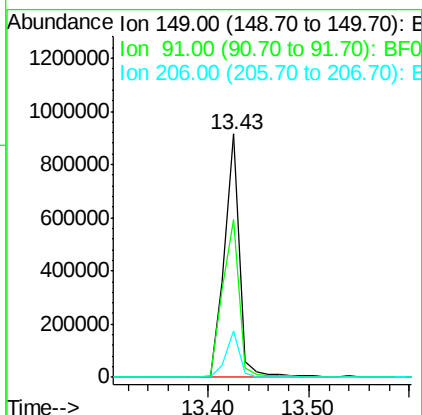
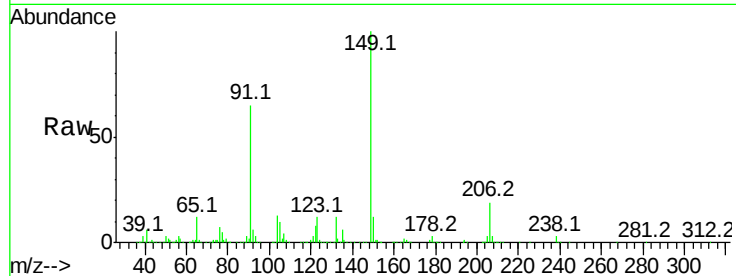
#79
Butylbenzylphthalate
Concen: 53.50 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100	958843		
91	64.7	48.0	72.0	
206	18.9	15.8	23.6	

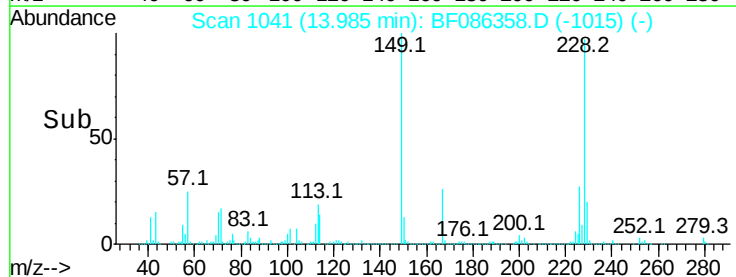
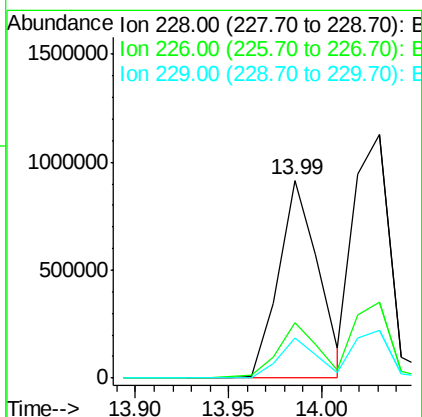
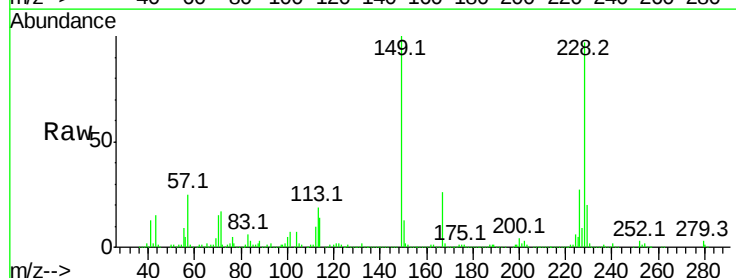
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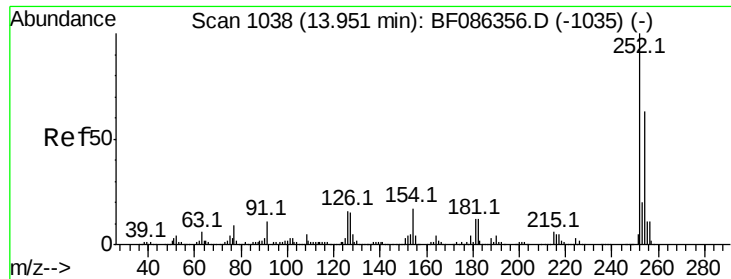
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#80
Benzo(a)anthracene
Concen: 55.17 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1356903		
226	28.3	22.5	33.7	
229	20.4	16.6	25.0	





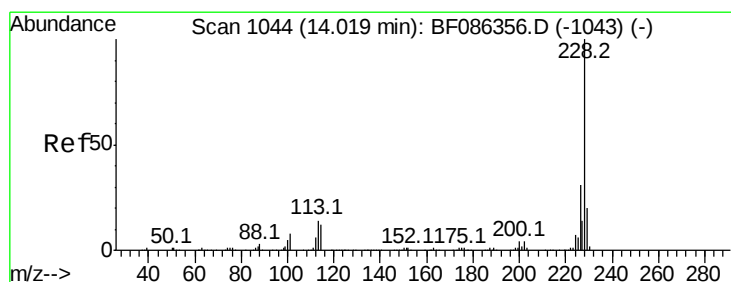
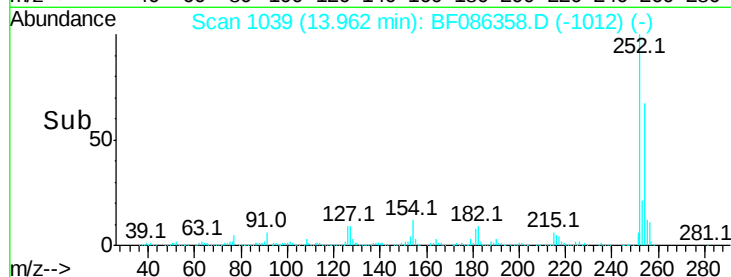
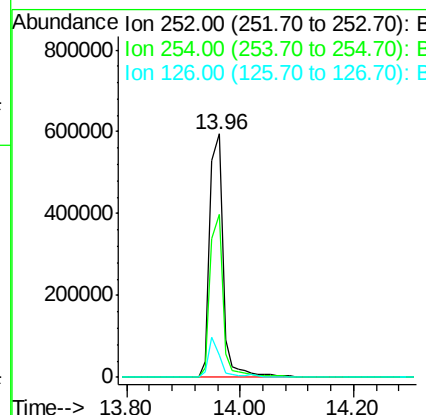
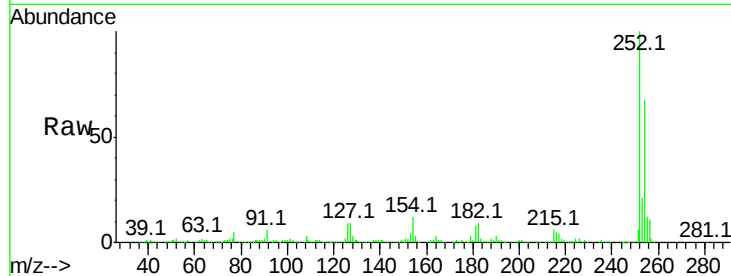
#81
 3,3'-Dichlorobenzidine
 Concen: 55.04 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF086358.D
 Acq: 22 Apr 2016 21:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
252	100	942391		
254	67.2	50.7	76.1	
126	9.1	12.7	19.1	

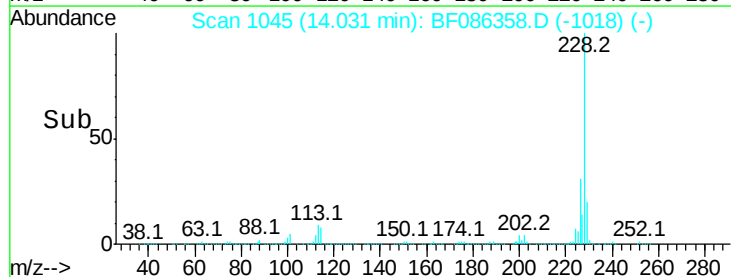
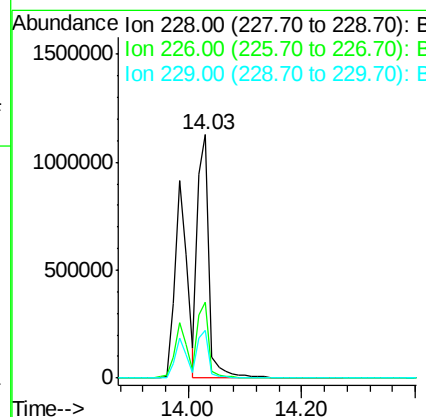
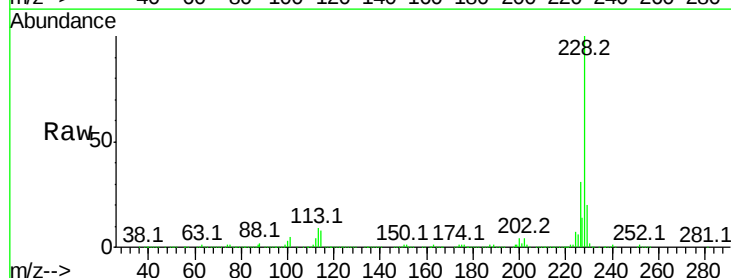
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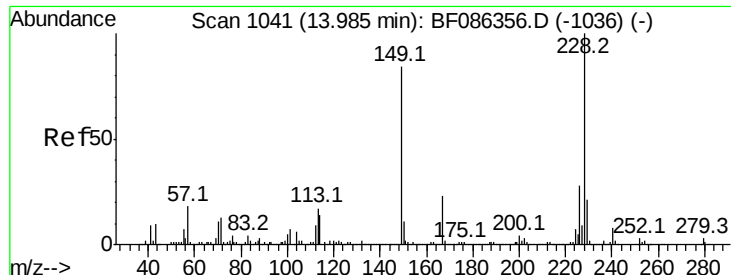
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#82
 Chrysene
 Concen: 59.85 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF086358.D
 Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1600296		
226	31.1	24.4	36.6	
229	19.5	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.89 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 975544

Ion Ratio Lower Upper

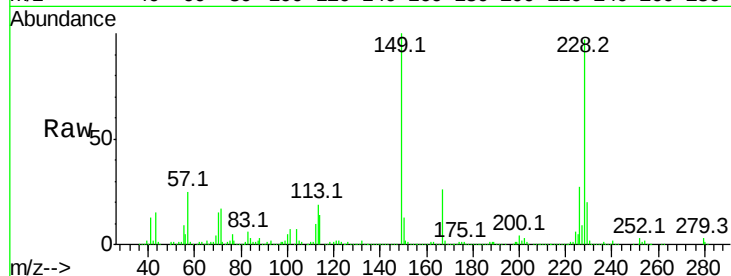
149 100

167 26.3 21.8 32.6

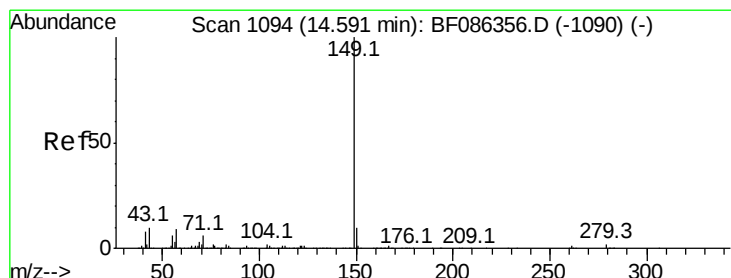
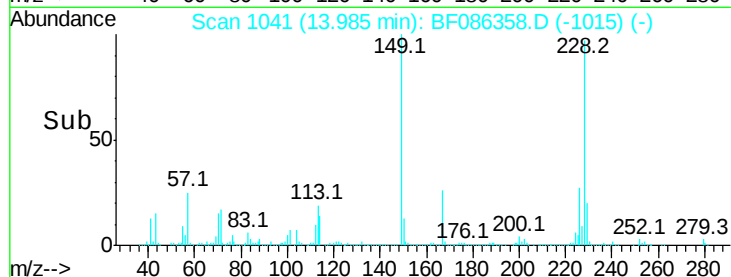
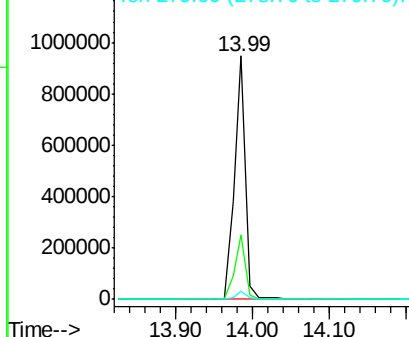
279 3.2 2.6 4.0

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



#84

Di-n-octyl phthalate

Concen: 50.01 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

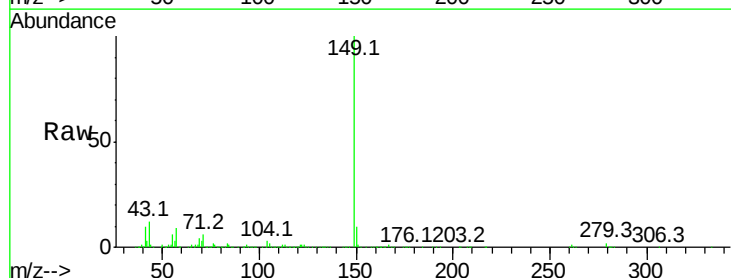
Tgt Ion:149 Resp: 1892774

Ion Ratio Lower Upper

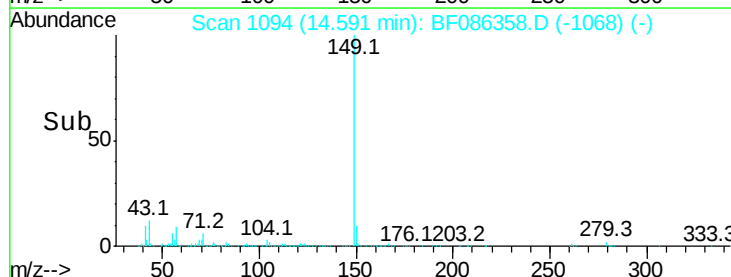
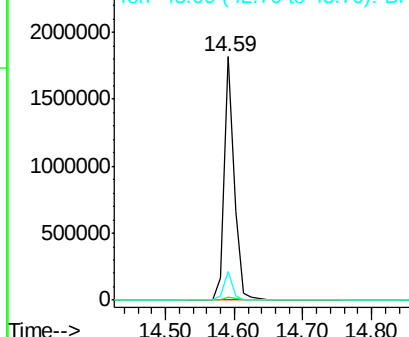
149 100

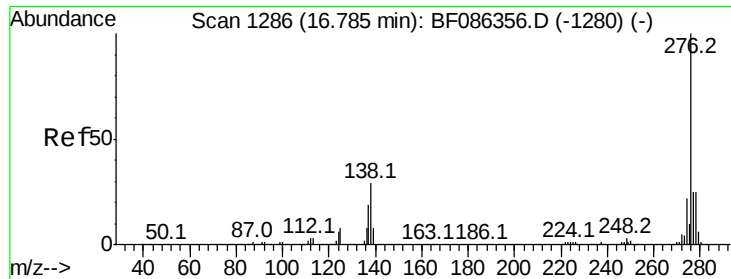
167 1.5 1.2 1.8

43 10.5 8.2 12.4



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





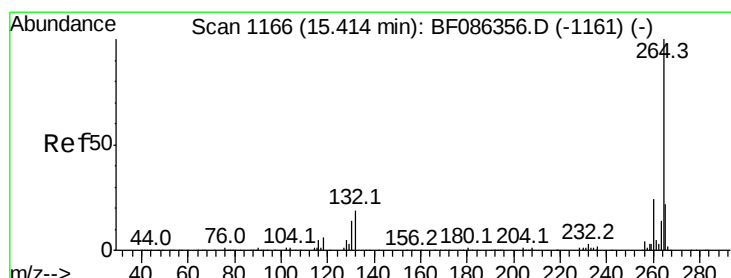
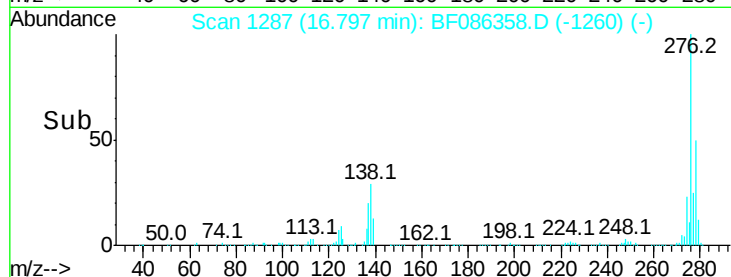
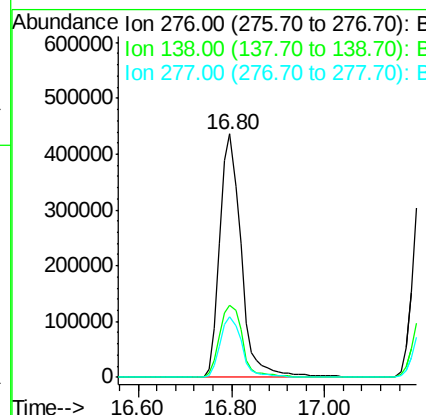
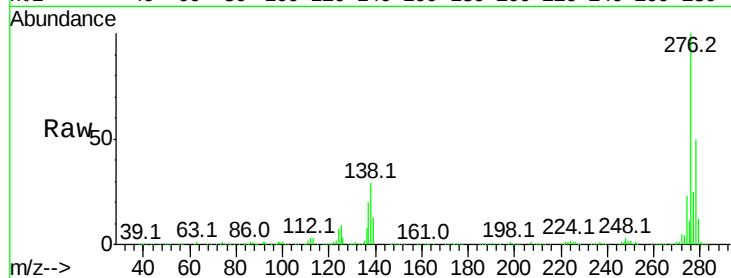
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.13 ng
RT: 16.80 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.6	38.4
277	25.5	20.5	30.7

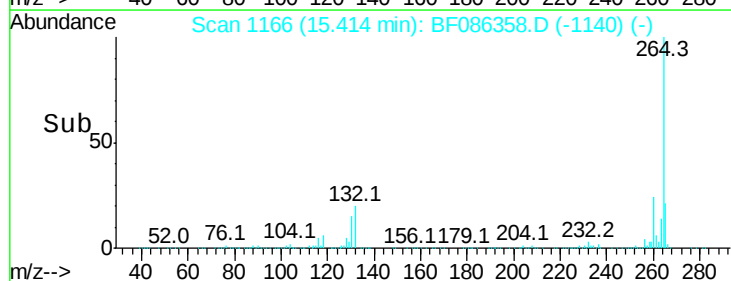
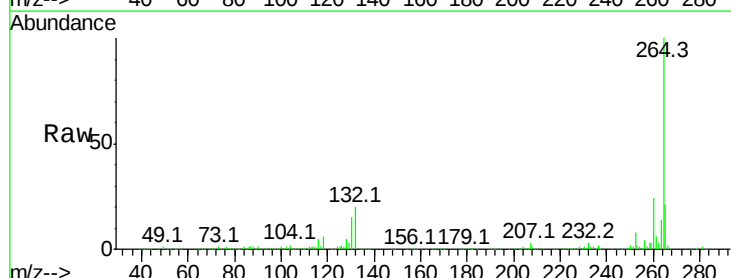
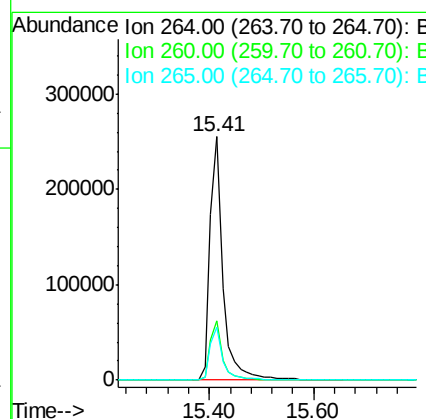
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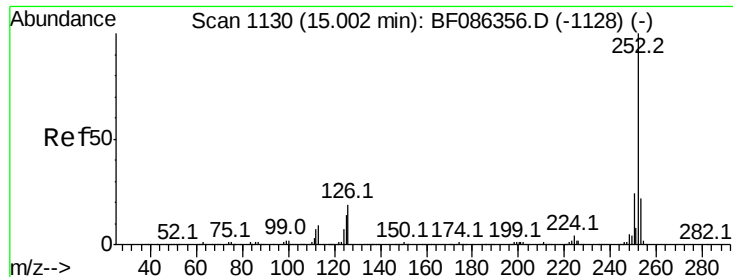
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 56.73 ng m

RT: 15.01 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

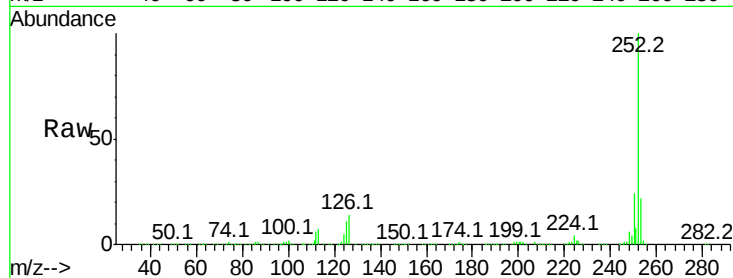
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.7	11.4	17.0

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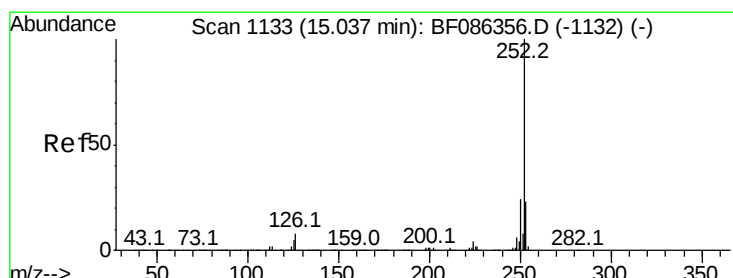
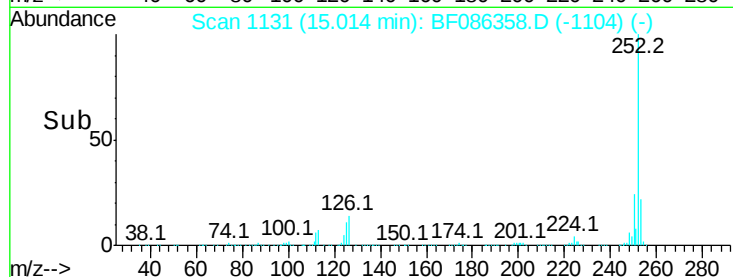
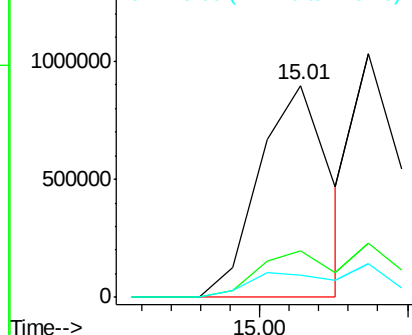
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 61.26 ng m

RT: 15.04 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF086358.D

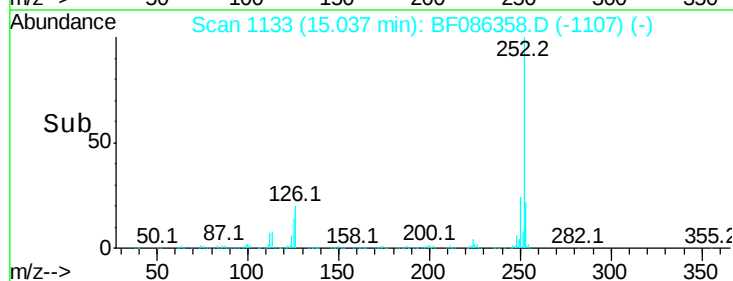
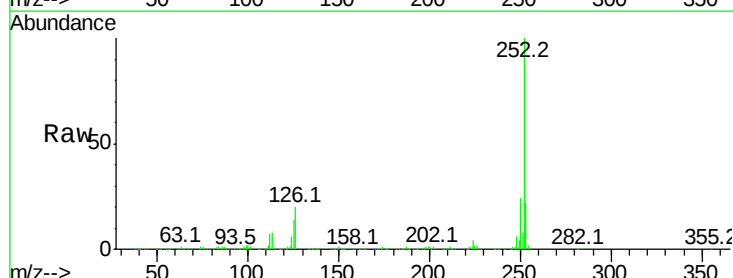
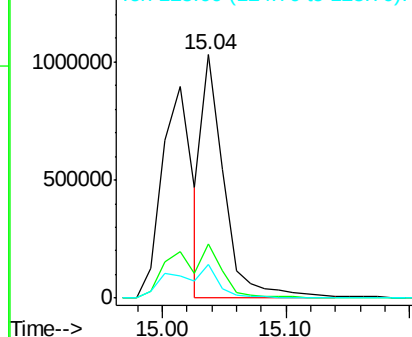
Acq: 22 Apr 2016 21:52

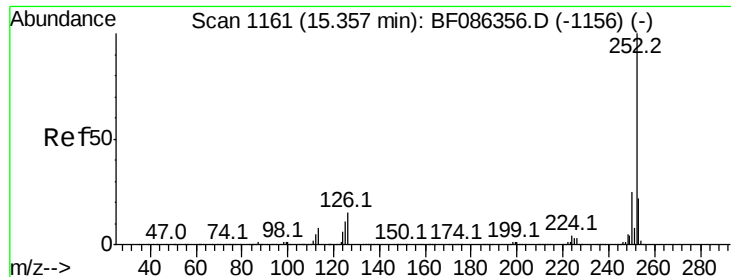
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	13.6	9.1	13.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





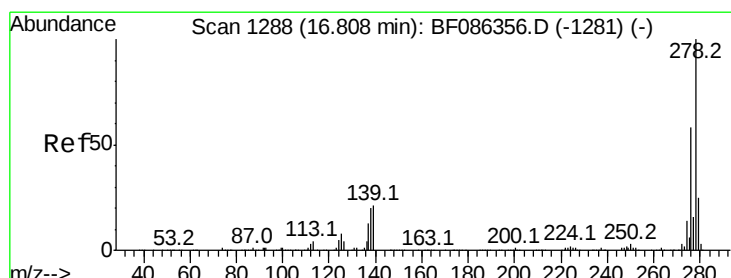
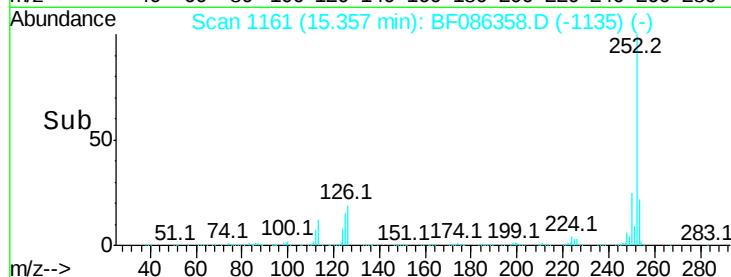
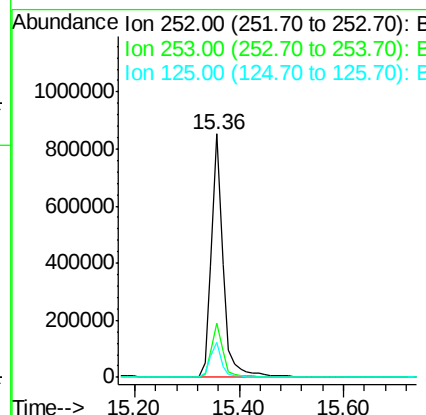
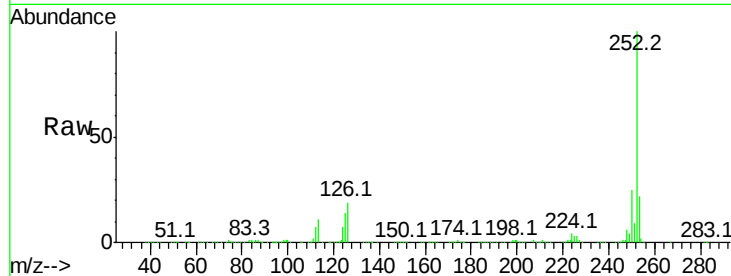
#89
Benzo(a)pyrene
Concen: 56.63 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	14.4	9.0	13.6

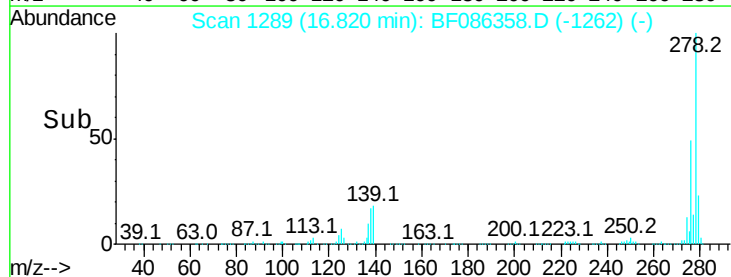
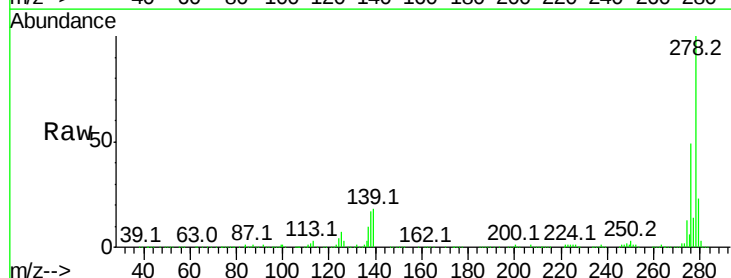
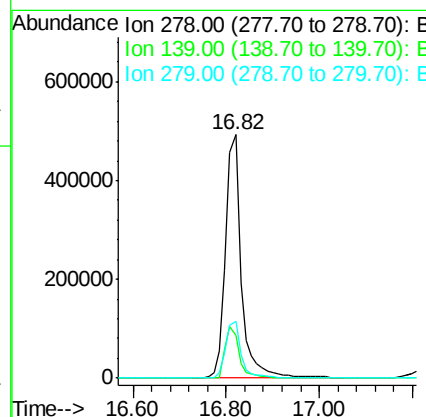
Manual Integrations
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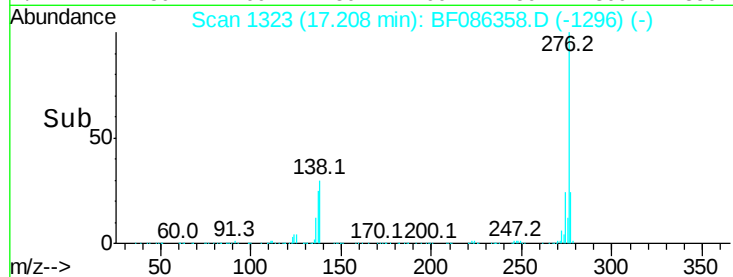
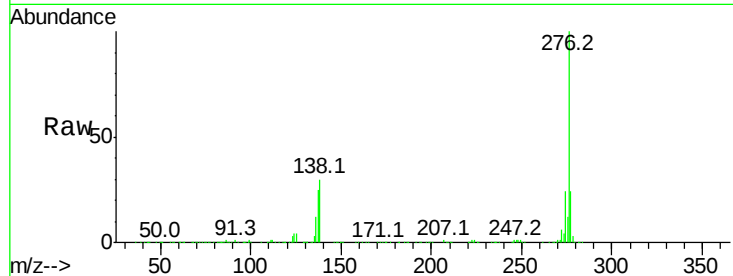
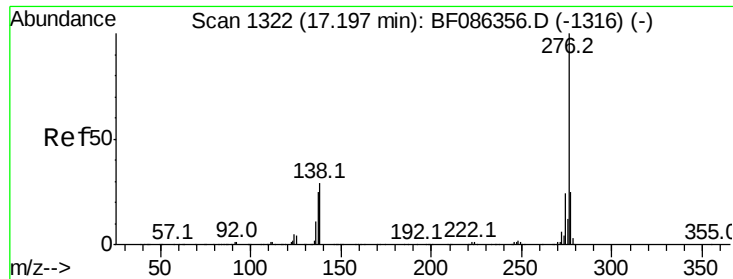
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 56.87 ng
RT: 16.82 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF086358.D
Acq: 22 Apr 2016 21:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	16.6	24.8
279	23.1	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 61.49 ng

RT: 17.21 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF086358.D

Acq: 22 Apr 2016 21:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 276 Resp: 1198938

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 30.3 23.6 35.4

Manual Integrations
APPROVED

sohil
4/25/2016 12:35:42 PM

