

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086420.D
 Acq On : 27 Apr 2016 13:19
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

sohil
 4/28/2016 1:39:58 PM

Quant Time: Apr 27 14:04:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 12:41:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124459	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	525582	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	246950	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	437202	20.00	ng	0.00
75) Chrysene-d12	13.96	240	312376	20.00	ng	0.00
86) Perylene-d12	15.36	264	235475	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1226350	170.16	ng	0.01
7) Phenol-d6	6.45	99	1477916	150.84	ng	0.01
23) Nitrobenzene-d5	7.39	82	1560123	175.84	ng	0.01
41) 2,4,6-Tribromophenol	10.64	330	379254	169.65	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1916820	132.46	ng	0.00
78) Terphenyl-d14	12.91	244	2092752	166.45	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	294047	73.78	ng	# 77
3) Pyridine	3.06	79	768967	80.97	ng	# 75
4) n-Nitrosodimethylamine	3.04	42	444897	131.24	ng	# 62
6) Aniline	6.48	93	970548	81.17	ng	98
8) 2-Chlorophenol	6.59	128	641172	72.87	ng	# 82
10) Phenol	6.46	94	779805	67.40	ng	# 61
11) bis(2-Chloroethyl)ether	6.56	93	755809	75.04	ng	93
12) 1,3-Dichlorobenzene	6.75	146	725838	77.35	ng	96
13) 1,4-Dichlorobenzene	6.83	146	731070	70.93	ng	99
14) 1,2-Dichlorobenzene	6.98	146	571499	61.02	ng	95
15) Benzyl Alcohol	6.96	79	474495	81.60	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1329650	100.71	ng	90
17) 2-Methylphenol	7.07	107	553330	76.75	ng	# 95
18) Hexachloroethane	7.32	117	273659	78.82	ng	92
19) n-Nitroso-di-n-propylamine	7.24	70	485933	82.99	ng	# 74
20) 3+4-Methylphenols	7.23	107	557046	72.89	ng	91
22) Acetophenone	7.23	105	846860	76.81	ng	# 89
24) Nitrobenzene	7.40	77	745569	78.34	ng	99
25) Isophorone	7.64	82	1451547	83.48	ng	99
26) 2-Nitrophenol	7.71	139	344762	73.32	ng	# 76
27) 2,4-Dimethylphenol	7.76	122	593123	73.66	ng	92
28) bis(2-Chloroethoxy)methane	7.86	93	818548	84.31	ng	99
29) 2,4-Dichlorophenol	7.96	162	553210	83.12	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	594771	82.27	ng	98
31) Naphthalene	8.12	128	1924248	71.87	ng	98
32) Benzoic acid	7.93	122	433108	84.14	ng	# 82
33) 4-Chloroaniline	8.17	127	748653	71.78	ng	# 91
34) Hexachlorobutadiene	8.24	225	312213	86.48	ng	98
35) Caprolactam	8.58	113	202826	84.93	ng	# 67
36) 4-Chloro-3-methylphenol	8.66	107	567150	71.70	ng	94
37) 2-Methylnaphthalene	8.81	142	1059120	68.59	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	539665	84.47	ng	99
40) Hexachlorocyclopentadiene	8.97	237	301432	96.59	ng	92
42) 2,4,6-Trichlorophenol	9.09	196	353149	84.30	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	366127	70.98	nq	# 87
45) 1,1'-Biphenyl	9.28	154	1326500	69.24	nq	96
46) 2-Chloronaphthalene	9.30	162	1059488	69.87	nq	94
47) 2-Nitroaniline	9.40	65	425636	90.14	nq	94
48) Acenaphthylene	9.71	152	1537020	62.51	nq	99
49) Dimethylphthalate	9.58	163	1271454	71.27	nq	99
50) 2,6-Dinitrotoluene	9.64	165	263828	68.46	nq	# 86
51) Acenaphthene	9.88	154	1051429	69.61	nq	98
52) 3-Nitroaniline	9.81	138	348754	72.29	nq	90
53) 2,4-Dinitrophenol	9.92	184	170994	85.35	nq	89
54) Dibenzofuran	10.05	168	1249350	64.41	nq	95
55) 4-Nitrophenol	9.97	139	237690	70.41	nq	# 71
56) 2,4-Dinitrotoluene	10.04	165	350268	68.45	nq	# 89
58) 2,3,4,6-Tetrachlorophenol	10.18	232	283343	75.16	nq	96
59) Diethylphthalate	10.28	149	1312538	76.83	nq	96
61) 4-Nitroaniline	10.43	138	337529	68.35	nq	79
62) Azobenzene	10.54	77	1391903	78.57	nq	89
64) 4,6-Dinitro-2-methylphenol	10.45	198	206758	77.39	nq	# 53
65) n-Nitrosodiphenylamine	10.51	169	959745	71.19	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	328468	76.73	nq	96
67) Hexachlorobenzene	10.94	284	401712	87.95	nq	# 90
68) Atrazine	11.04	200	303521	72.92	nq	96
69) Pentachlorophenol	11.14	266	232190	86.57	nq	97
70) Phenanthrene	11.36	178	1602907	72.97	nq	99
71) Anthracene	11.41	178	1829690	72.69	nq	99
72) Carbazole	11.56	167	1549154	65.53	nq	98
73) Di-n-butylphthalate	11.89	149	1670579	67.17	nq	# 98
74) Fluoranthene	12.53	202	1669043	70.45	nq	99
76) Benzidine	12.66	184	714918	55.81	nq	97
77) Pyrene	12.76	202	1607775	73.80	nq	99
79) Butylbenzylphthalate	13.39	149	813219	80.13	nq	# 88
80) Benzo(a)anthracene	13.95	228	1188631	73.30	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	766817	68.56	nq	# 94
82) Chrysene	13.99	228	1230267	67.34	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	875420	77.03	nq	# 99
84) Di-n-octyl phthalate	14.56	149	1398195	64.09	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.73	276	1165254	71.75	nq	97
87) Benzo(b)fluoranthene	14.97	252	1003022m	77.60	nq	
88) Benzo(k)fluoranthene	15.00	252	1112551m	87.70	nq	
89) Benzo(a)pyrene	15.31	252	999052	78.35	nq	99
90) Dibenzo(a,h)anthracene	16.75	278	963295	91.58	nq	96
91) Benzo(g,h,i)perylene	17.14	276	995778	91.71	nq	97

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

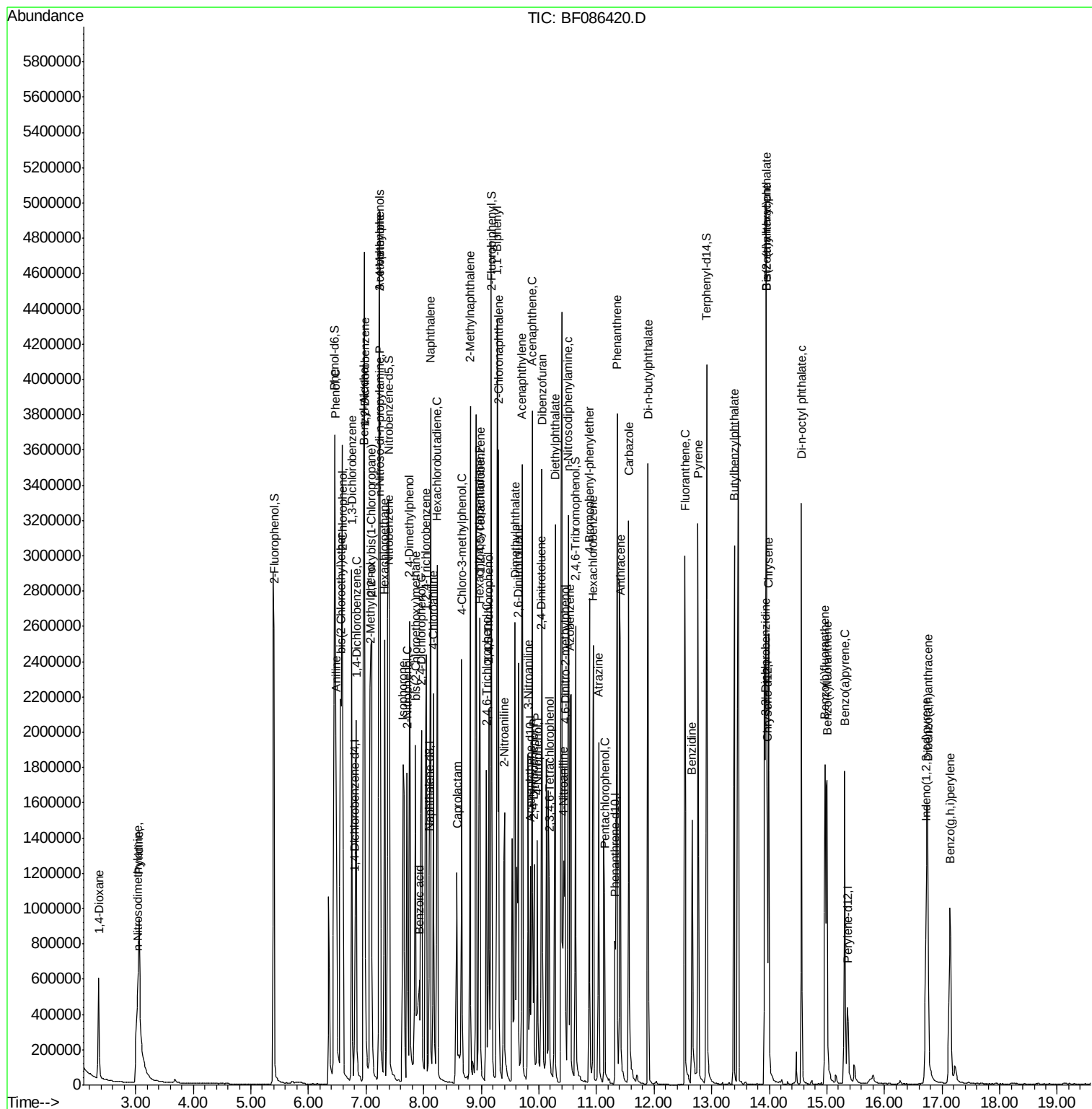
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Sample    : SSTDICC080
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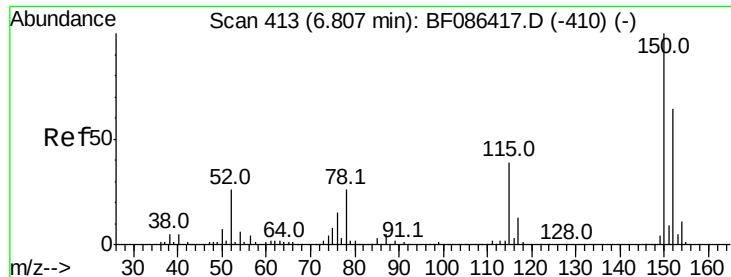
Instrument :
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#1

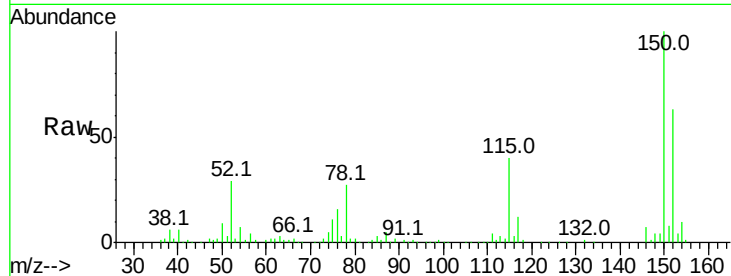
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

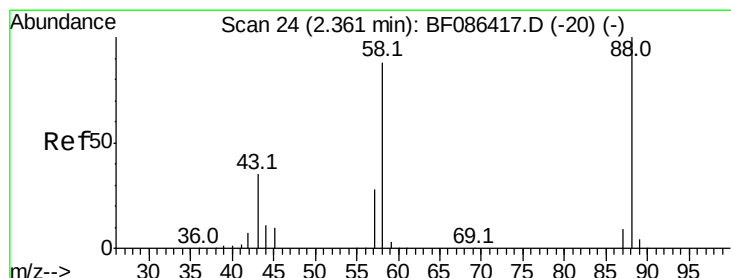
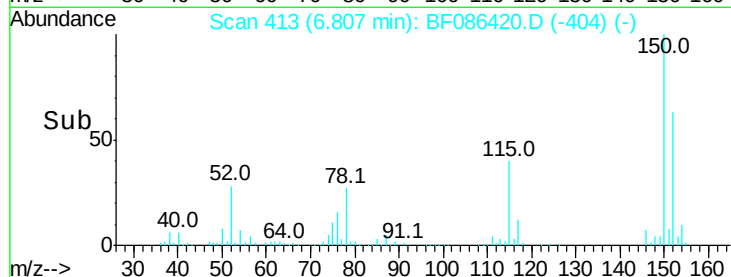
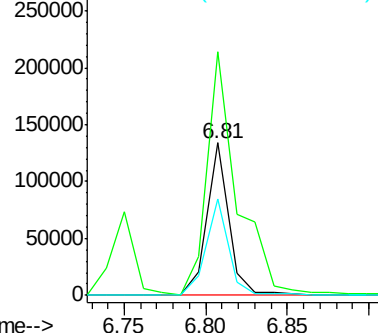
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.8	188.6
115	63.4	51.5	77.3

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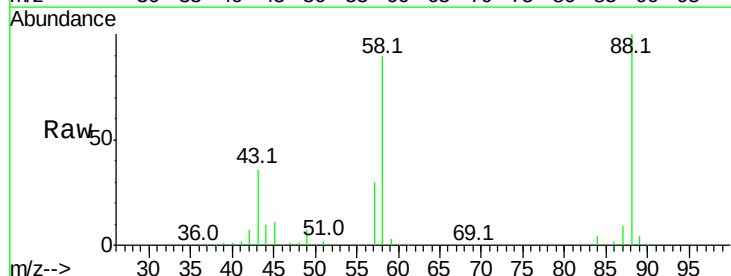
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



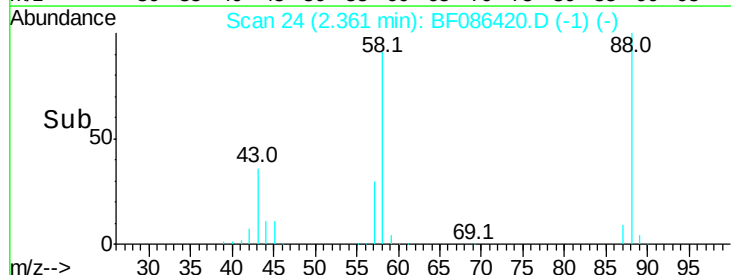
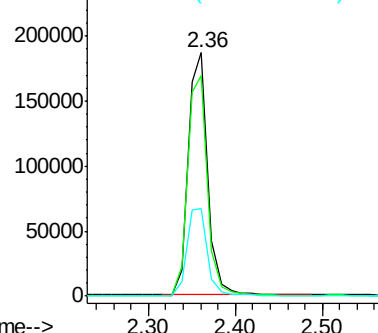
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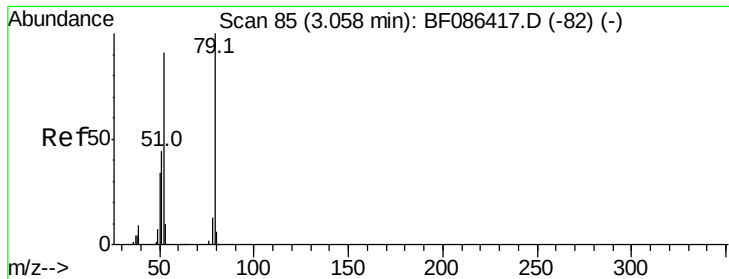
1,4-Dioxane
Concen: 73.78 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.6	59.6	89.4#
43	39.2	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: 80.97 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

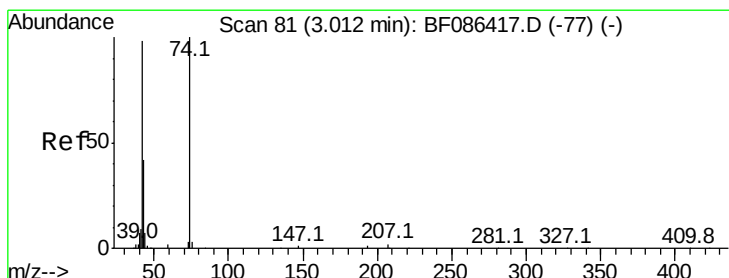
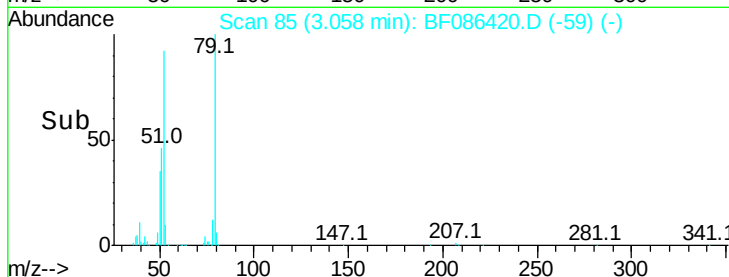
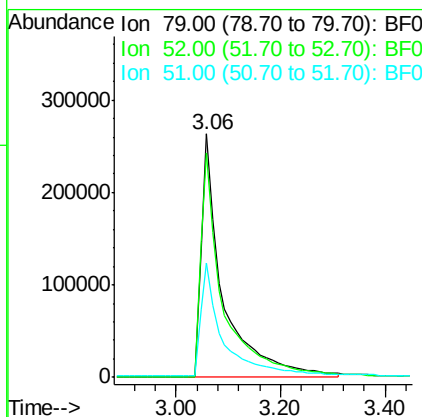
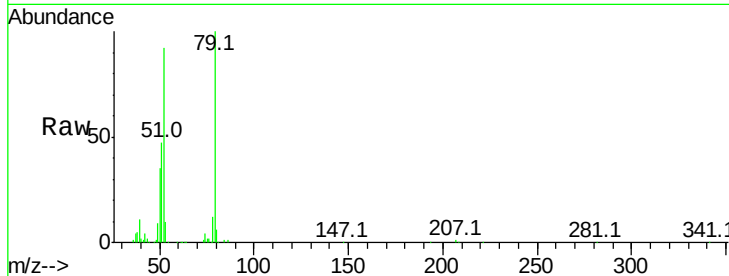
ClientSampleId :

SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	92.4	55.9	83.9#		
51	47.0	28.1	42.1#		

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#4

n-Nitrosodimethylamine

Concen: 131.24 ng

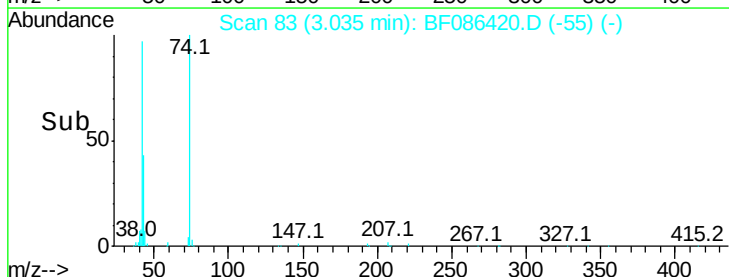
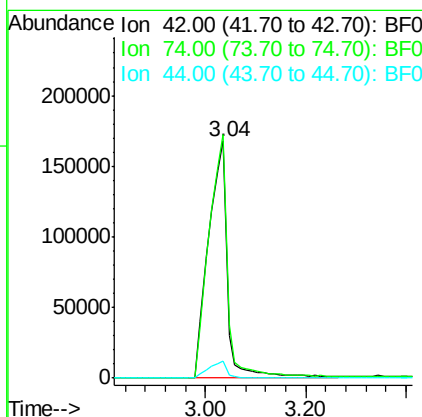
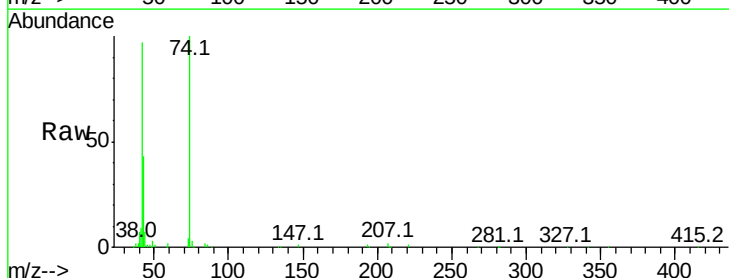
RT: 3.04 min Scan# 83

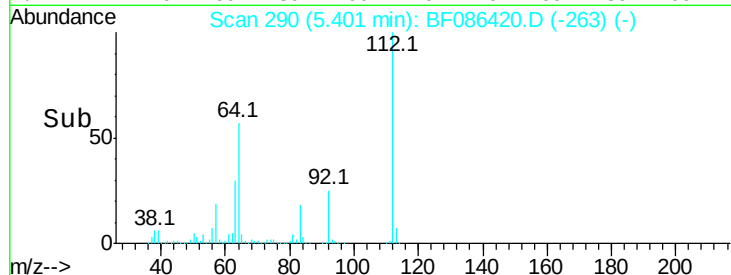
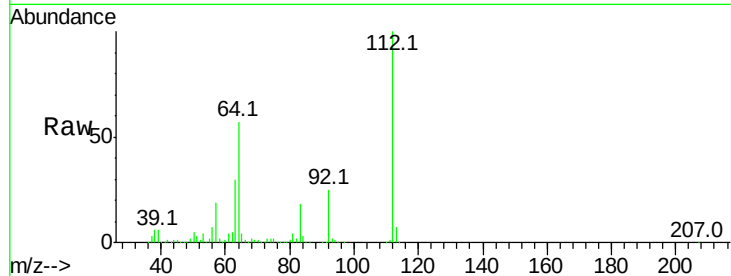
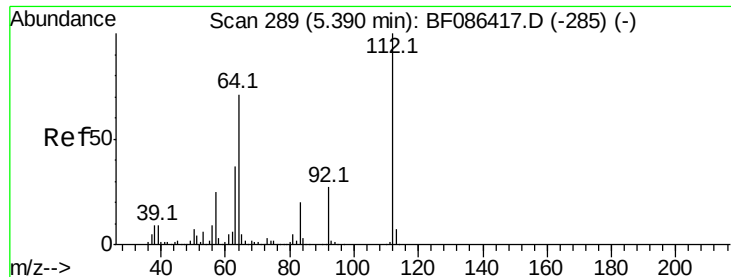
Delta R.T. 0.02 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	102.9	123.4	185.0#		
44	7.2	5.8	8.6		





#5

2-Fluorophenol

Concen: 170.16 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

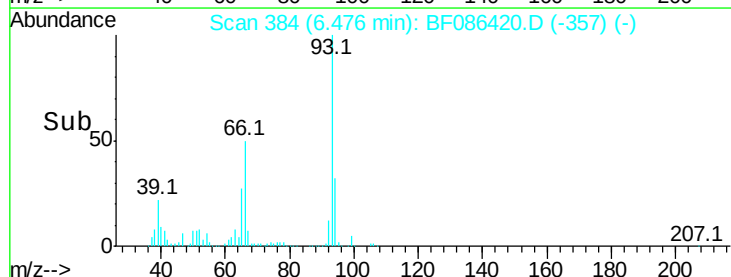
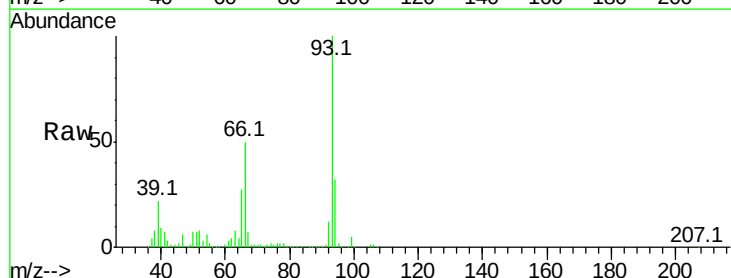
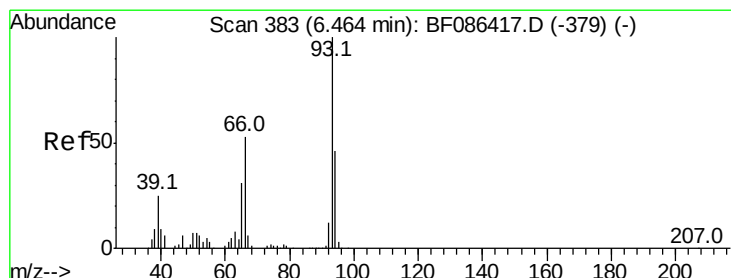
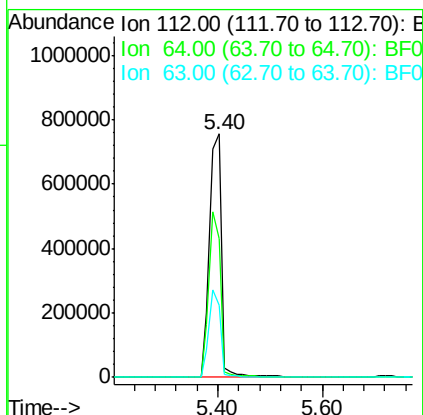
ClientSampled :

SSTDIC080

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Tot Ion:	112	Resp:	1226350
Ion	Ratio	Lower	Upper
112	100		
64	57.0	52.1	78.1
63	29.7	25.7	38.5



#6

Aniline

Concen: 81.17 ng

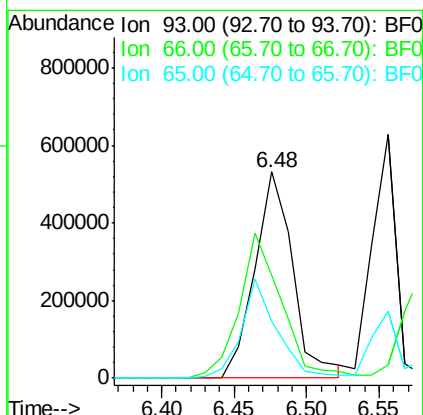
RT: 6.48 min Scan# 384

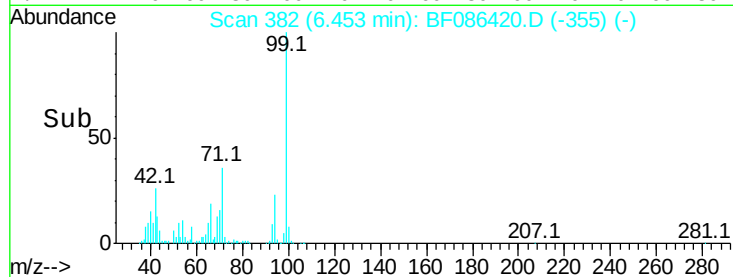
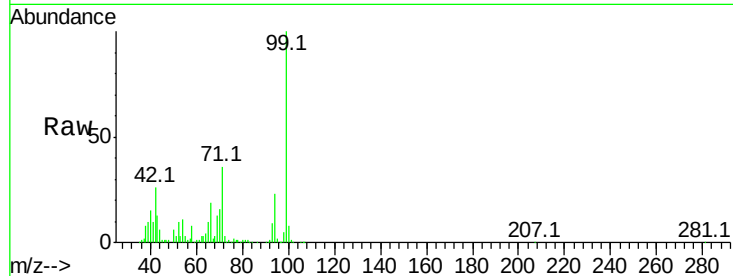
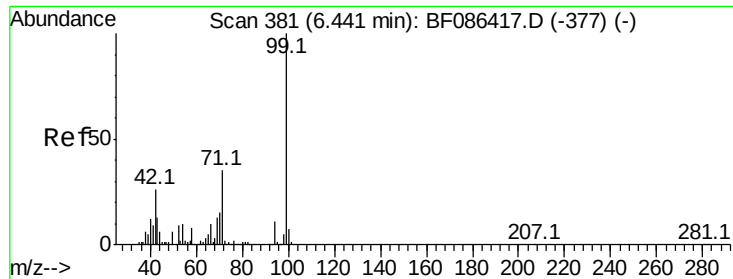
Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion:	93	Resp:	970548
Ion	Ratio	Lower	Upper
93	100		
66	49.9	39.0	58.6
65	27.4	20.6	31.0





#7

Phenol-d6

Concen: 150.84 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

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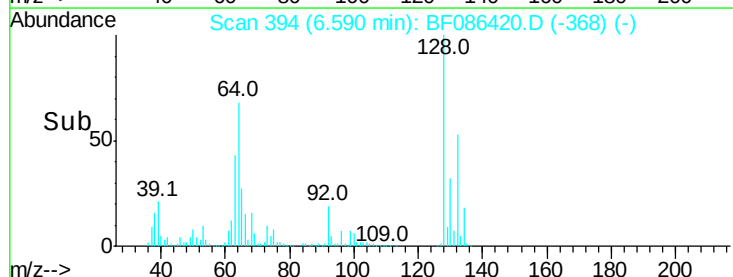
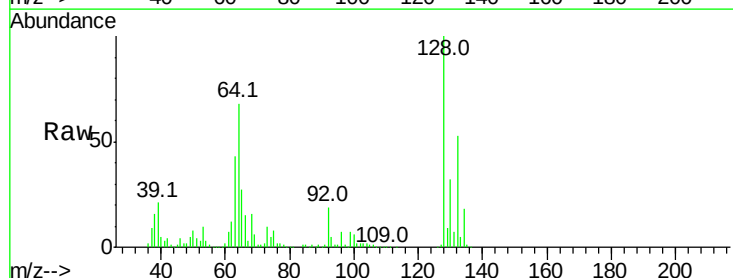
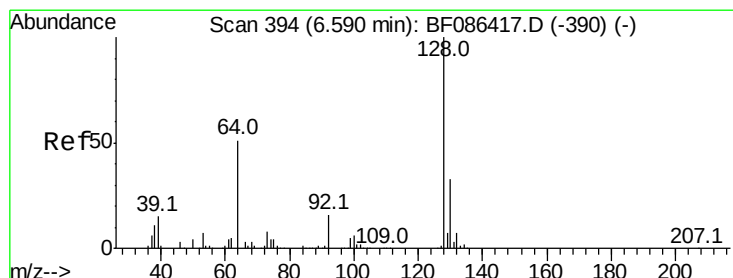
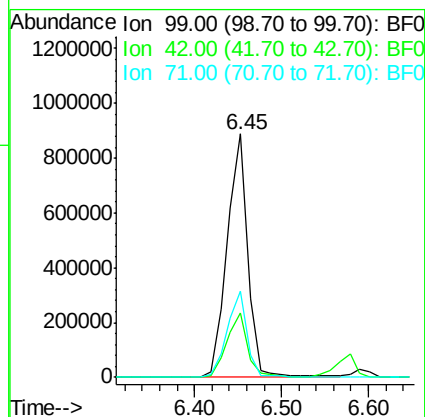
Acq: 27 Apr 2016 13:19

Tot Ion	99	Resp	1477916
Ion	Ratio	Lower	Upper
99	100		
42	26.4	13.6	20.4#
71	35.6	24.6	36.8

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#8

2-Chlorophenol

Concen: 72.87 ng

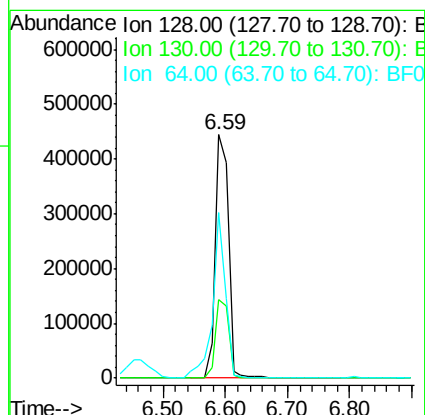
RT: 6.59 min Scan# 394

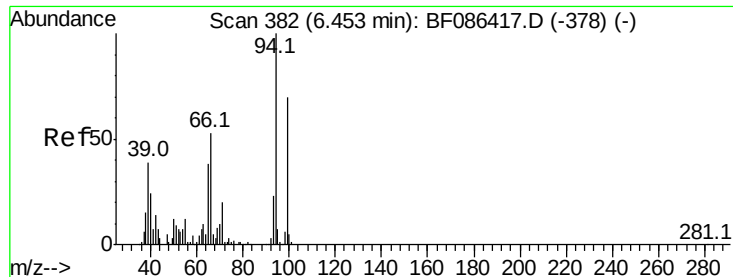
Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion	128	Resp	641172
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	67.8	27.3	67.3#





#10

Phenol

Concen: 67.40 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

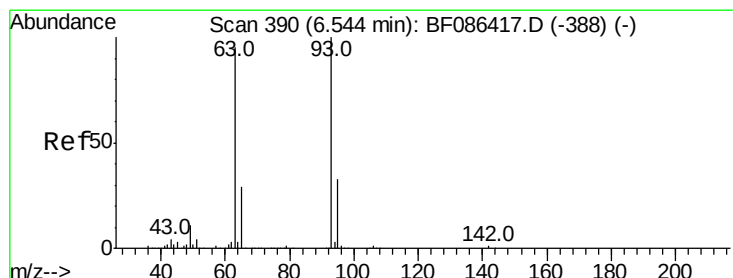
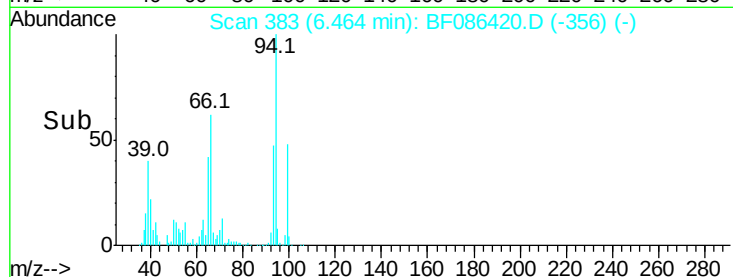
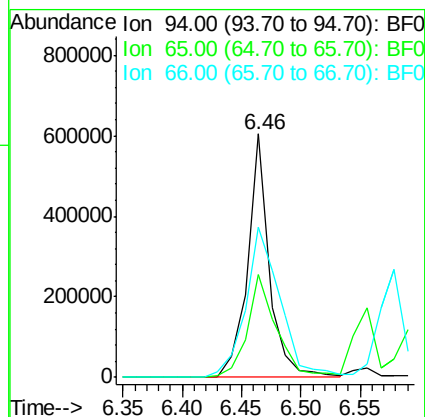
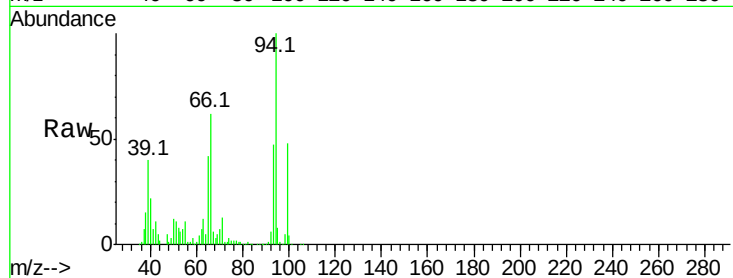
ClientSampleId :

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Tot Ion:	94	Resp:	779805
Ion	Ratio	Lower	Upper
94	100		
65	42.3	7.2	47.2
66	61.8	14.9	54.9#

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#11

bis(2-Chloroethyl)ether

Concen: 75.04 ng

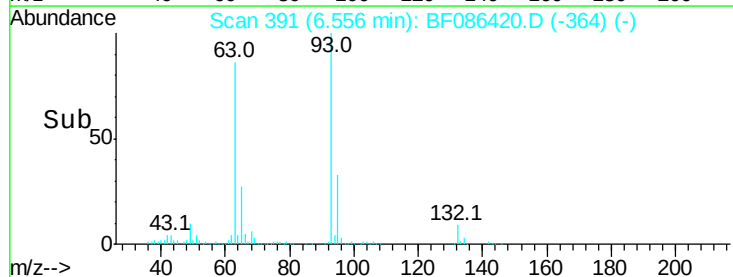
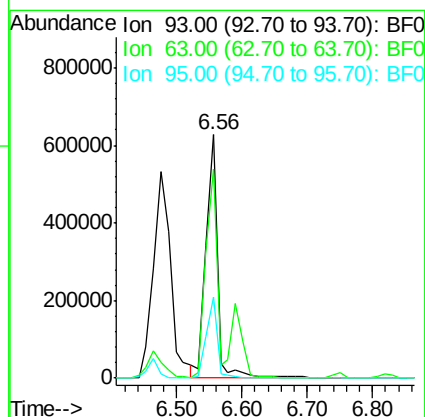
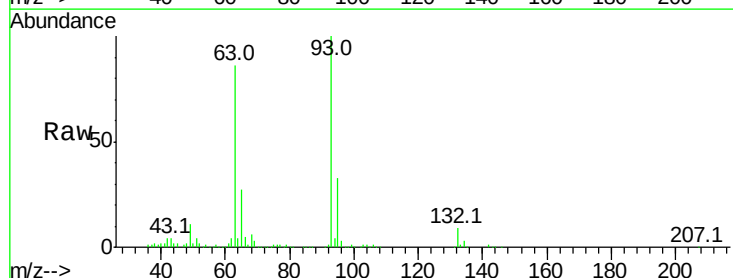
RT: 6.56 min Scan# 391

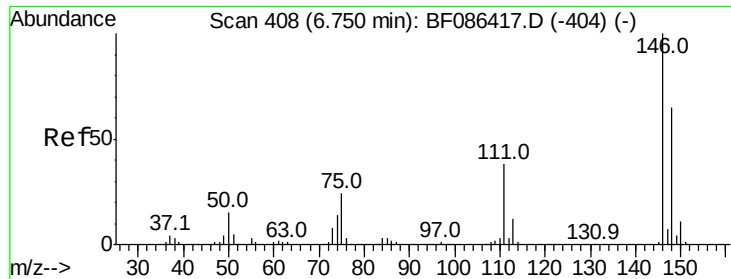
Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion:	93	Resp:	755809
Ion	Ratio	Lower	Upper
93	100		
63	86.0	58.0	98.0
95	33.3	11.9	51.9





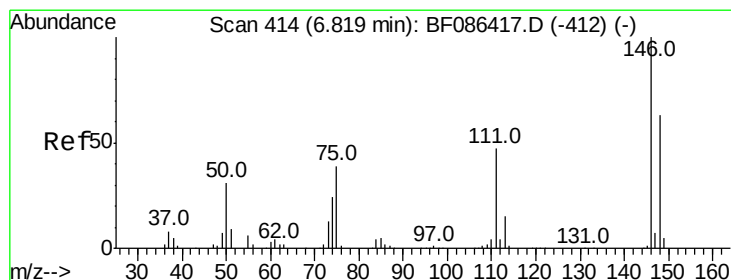
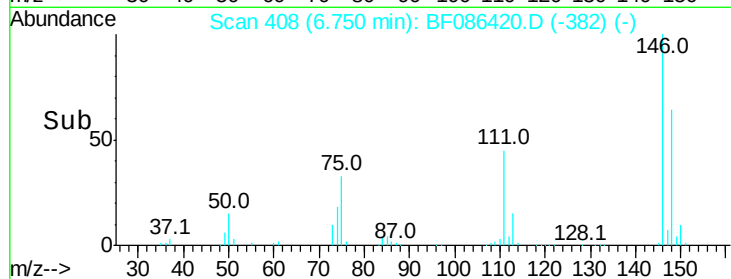
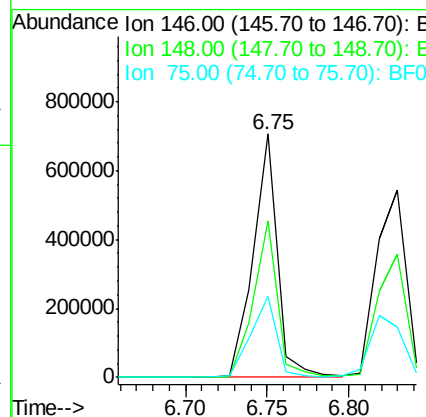
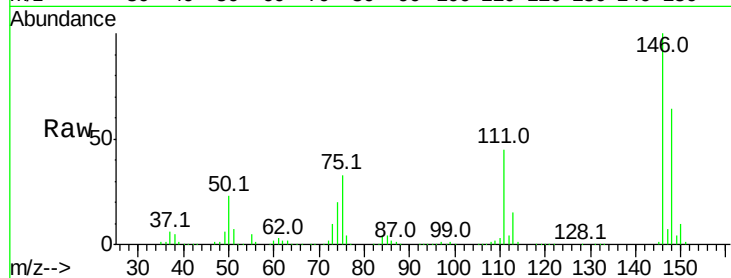
#12
 1,3-Dichlorobenzene
 Concen: 77.35 ng
 RT: 6.75 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
146	100	725838		
148	64.1	52.4	78.6	
75	33.2	22.8	34.2	

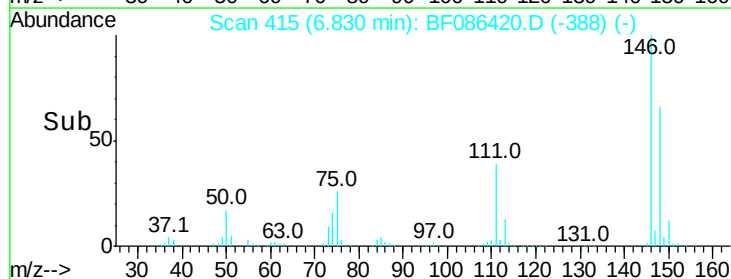
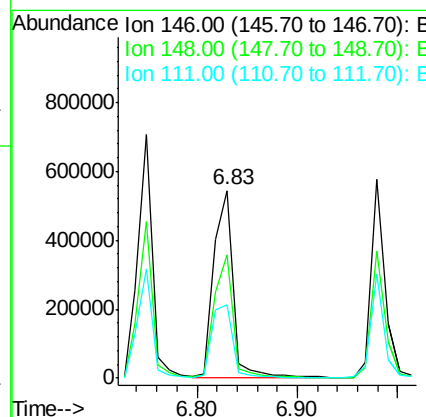
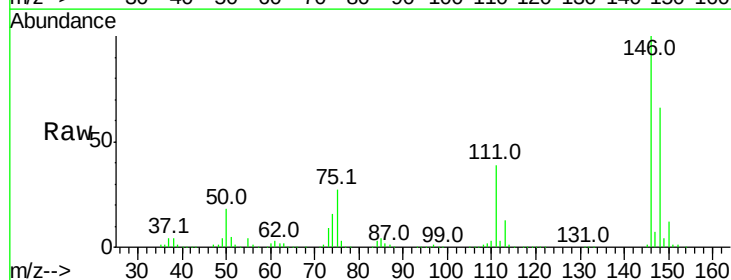
Manual Integrations
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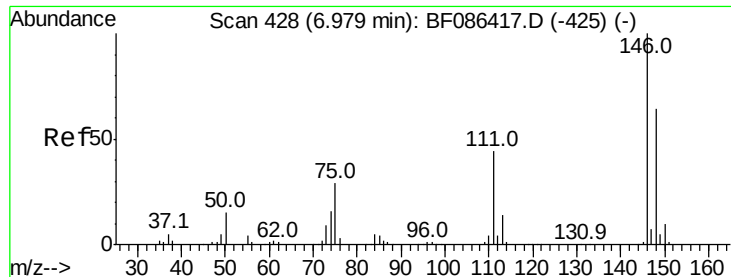
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#13
 1,4-Dichlorobenzene
 Concen: 70.93 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.01 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	731070		
148	65.9	52.2	78.4	
111	39.0	30.7	46.1	





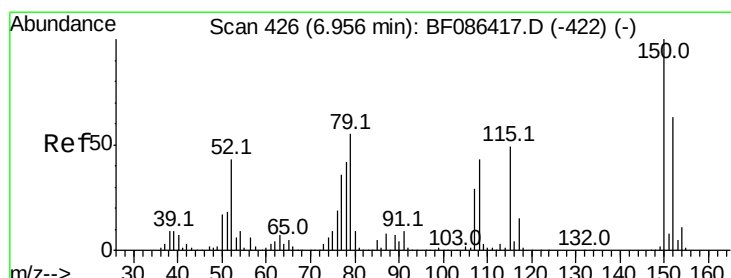
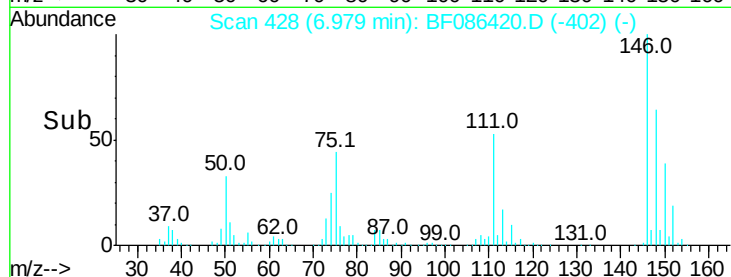
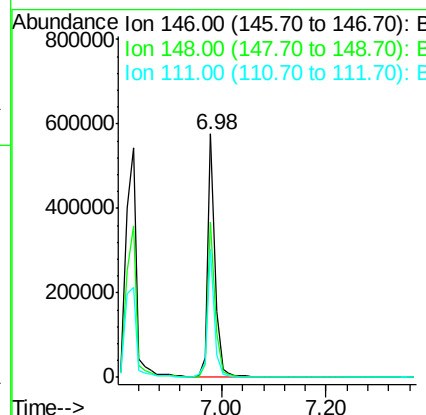
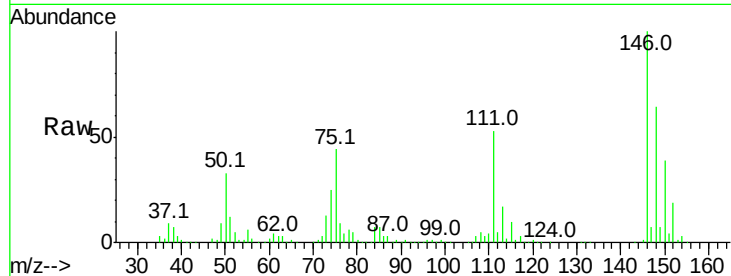
#14
 1,2-Dichlorobenzene
 Concen: 61.02 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
146	100	571499		
148	64.0		51.0	76.6
111	52.5		36.2	54.4

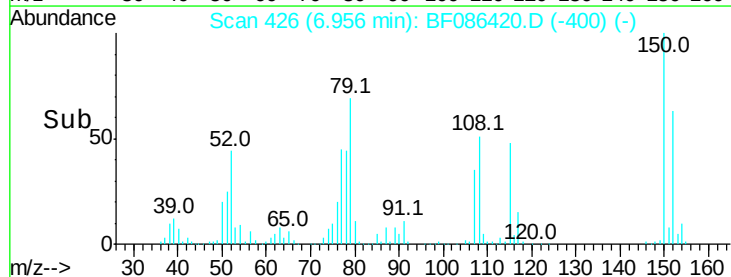
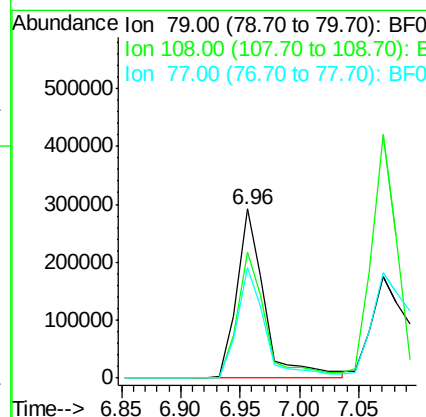
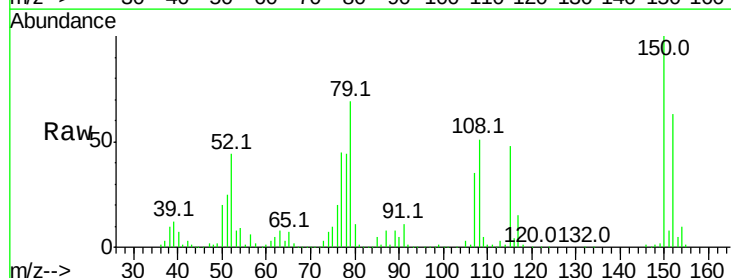
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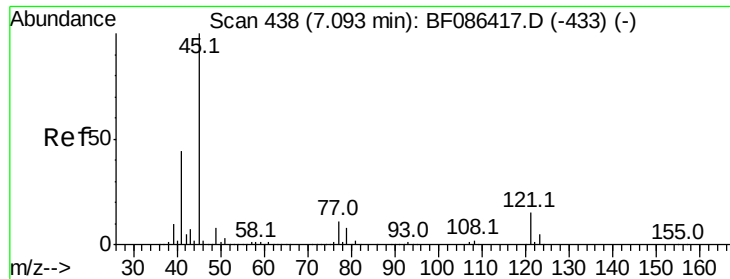
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#15
 Benzyl Alcohol
 Concen: 81.60 ng
 RT: 6.96 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	474495		
108	74.1		68.4	102.6
77	65.0		50.6	76.0





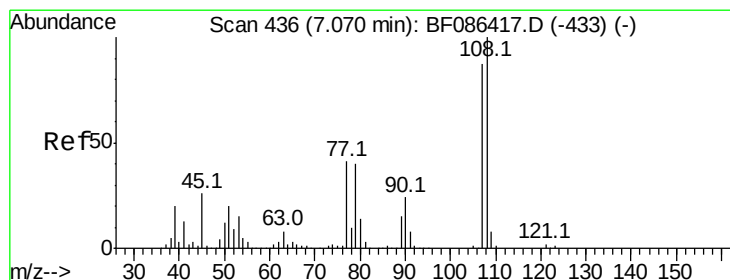
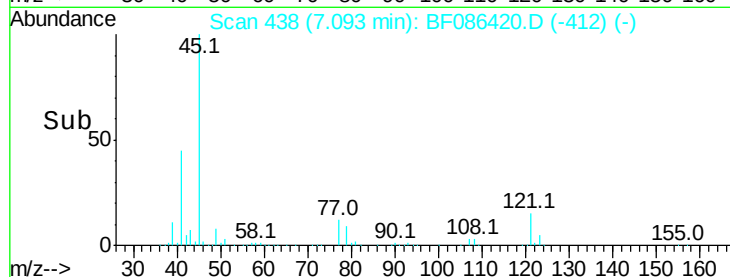
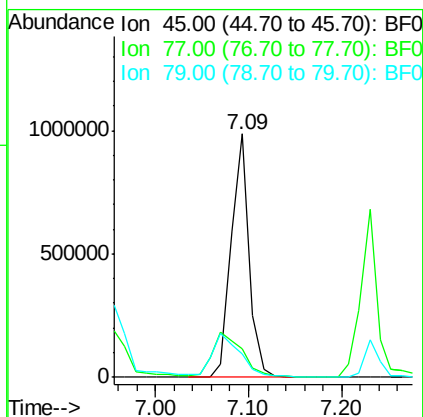
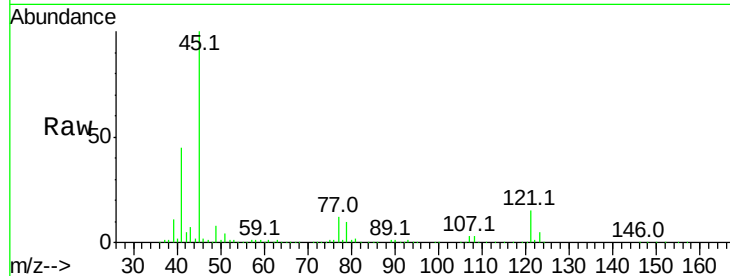
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 100.71 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	36.4
79	9.5	0.0	33.4

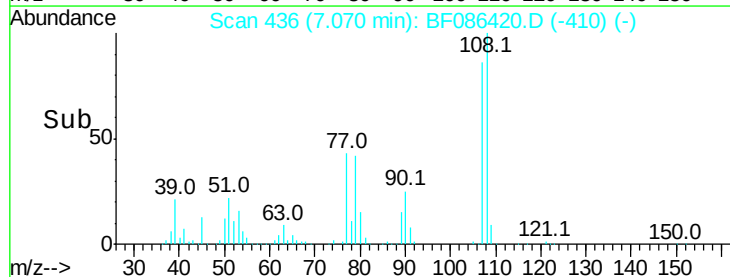
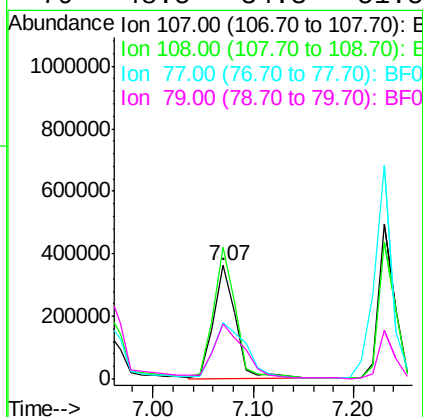
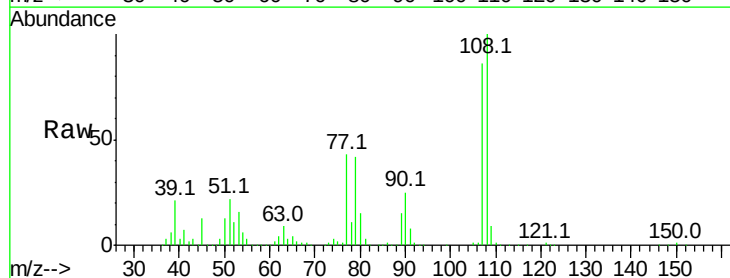
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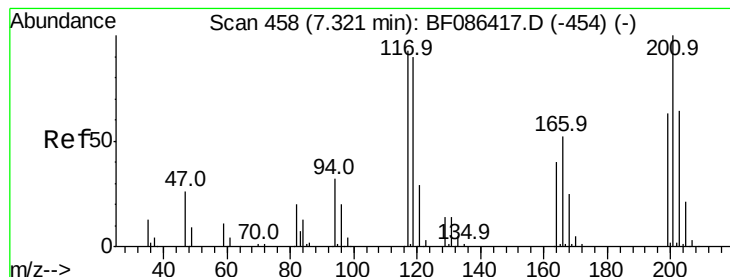
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#17
2-Methylphenol
Concen: 76.75 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.0	93.7	140.5
77	50.2	33.4	50.0#
79	48.5	34.3	51.5





#18

Hexachloroethane

Concen: 78.82 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

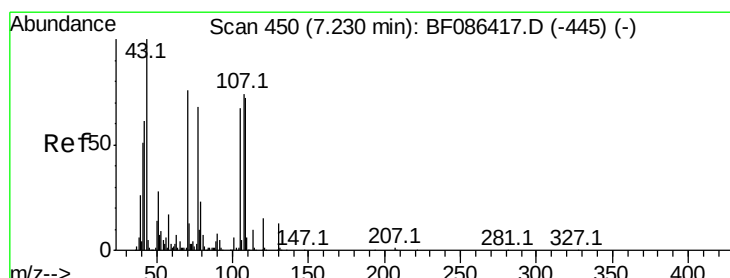
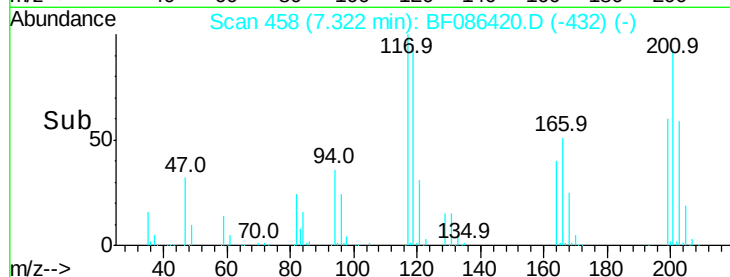
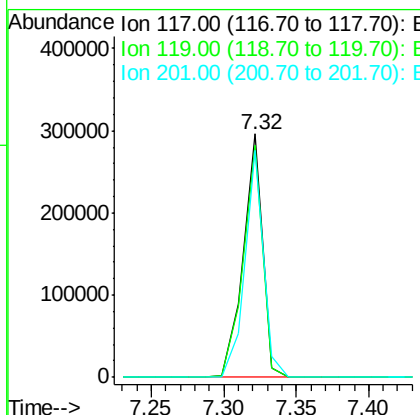
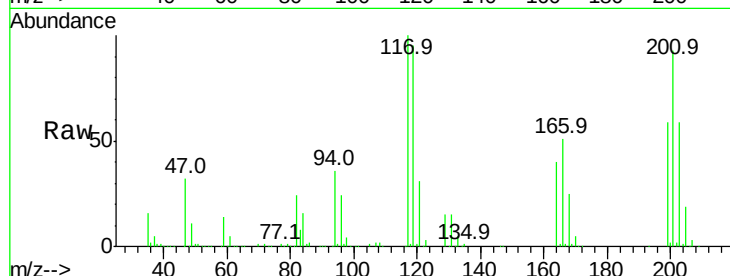
ClientSampleId :

SSTDIC080

Tot Ion:	117	Resp:	273659
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.5	114.7
201	93.3	63.0	94.6

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#19

n-Nitroso-di-n-propylamine

Concen: 82.99 ng

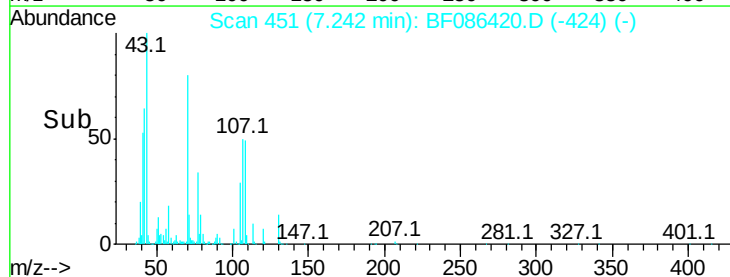
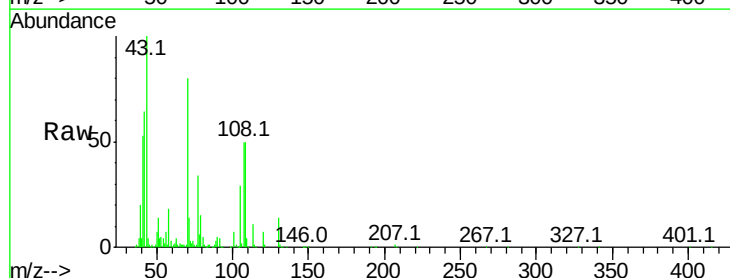
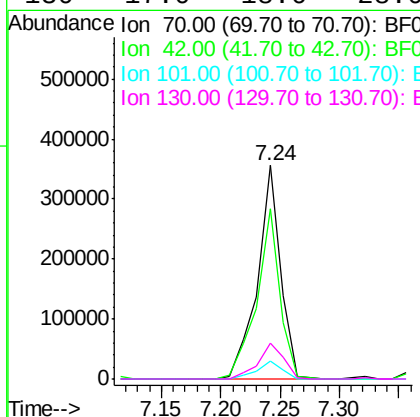
RT: 7.24 min Scan# 451

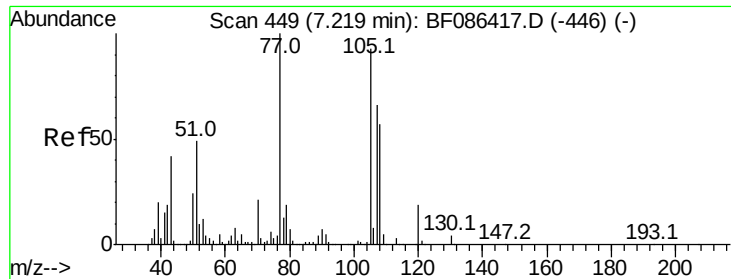
Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion:	70	Resp:	485933
Ion Ratio	Lower	Upper	
70	100		
42	79.7	43.1	64.7#
101	8.5	8.1	12.1
130	17.0	18.6	28.0#





#20

3+4-Methylphenols

Concen: 72.89 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

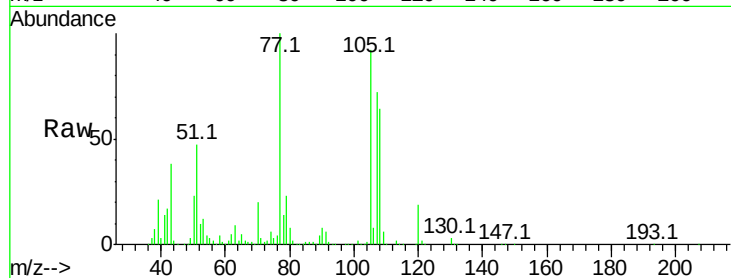
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100	557046		
108	89.0	68.5	108.5	
77	138.4	101.6	141.6	
79	31.2	7.4	47.4	

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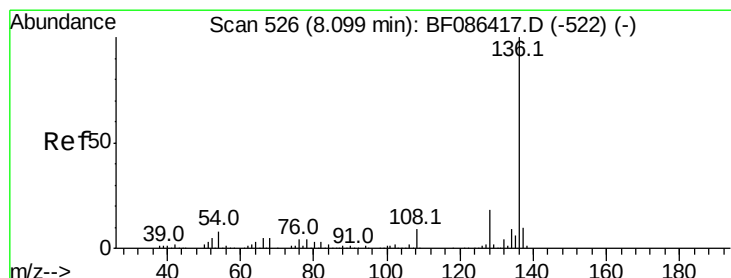
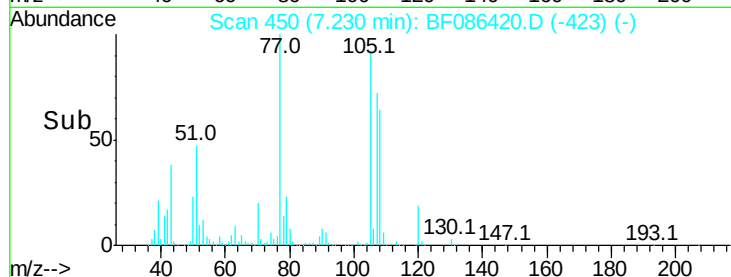
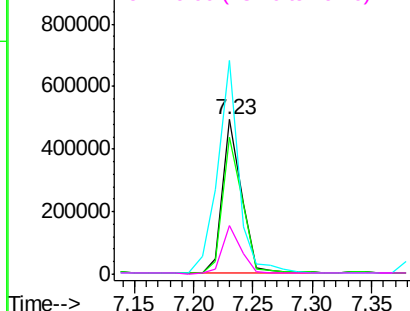
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	525582		
137	10.7	8.8	13.2	
54	9.3	5.0	7.4	
68	5.9	4.4	6.6	

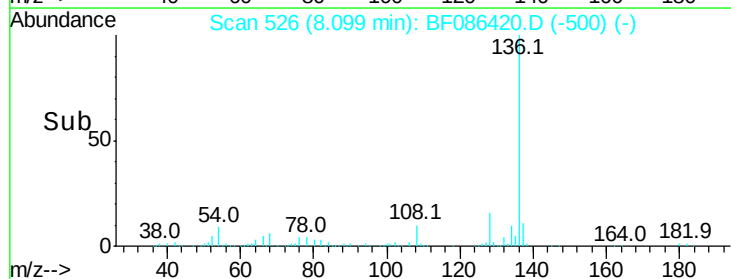
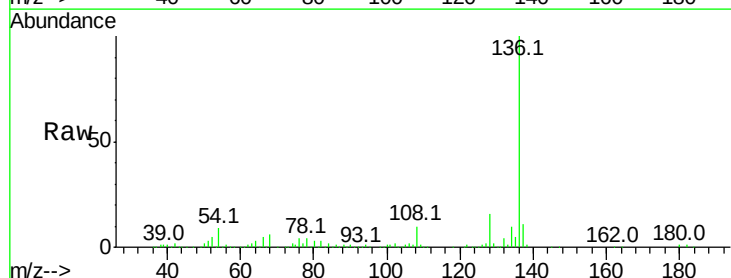
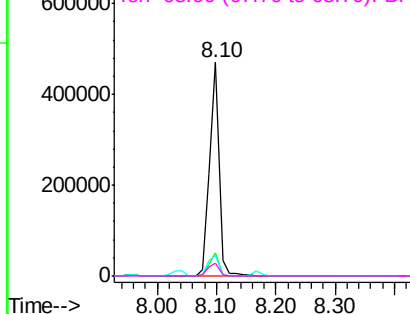
Abundance

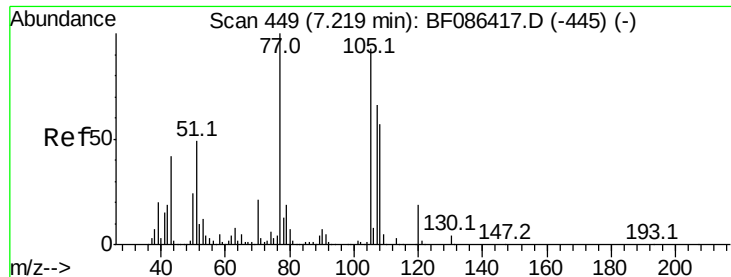
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 76.81 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF086420.D

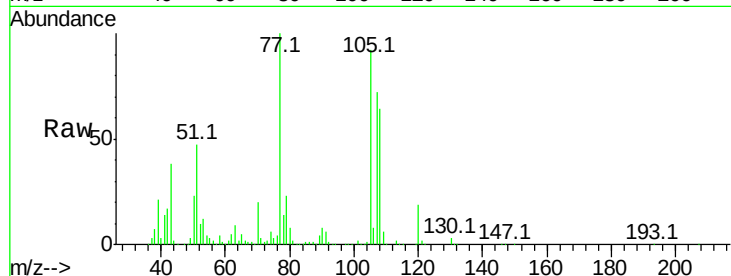
Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

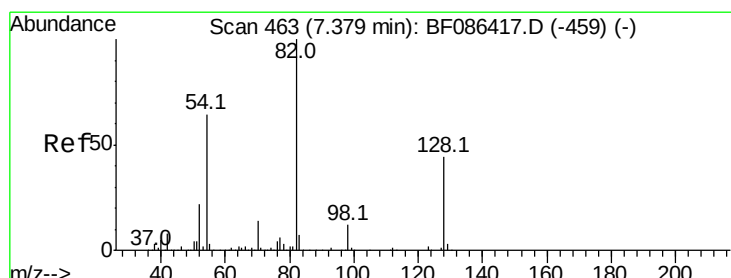
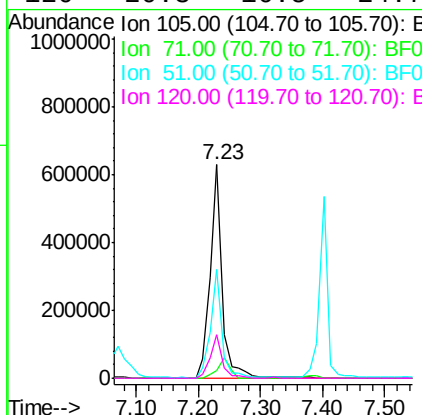
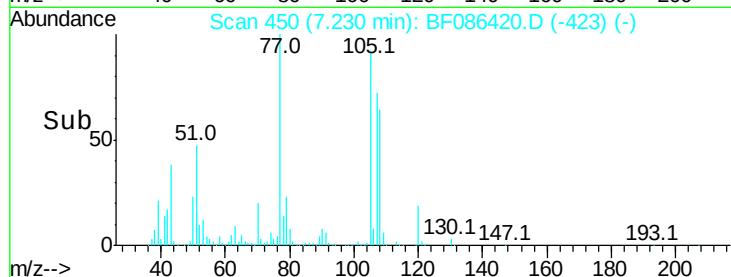
SSTDIC080



Tot Ion:	105	Resp:	846860
Ion Ratio	Lower	Upper	
105	100		
71	3.8	4.8	7.2#
51	51.2	32.6	49.0#
120	20.3	16.5	24.7

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#23

Nitrobenzene-d5

Concen: 175.84 ng

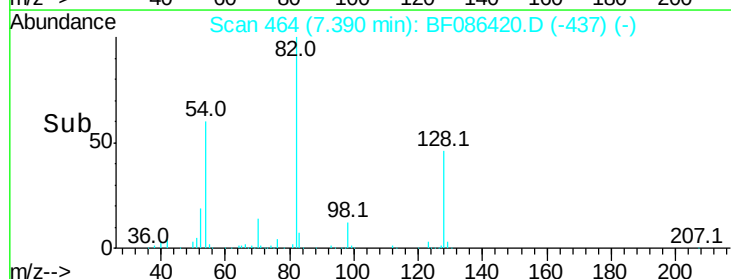
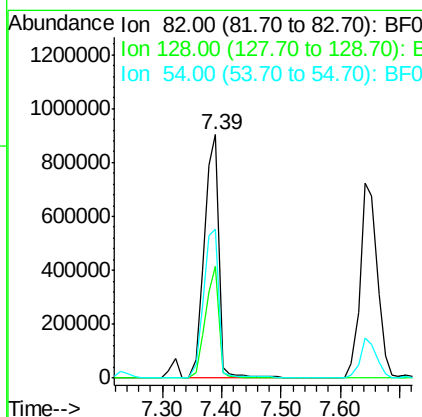
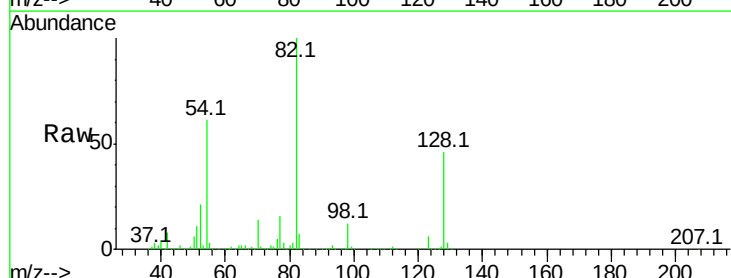
RT: 7.39 min Scan# 464

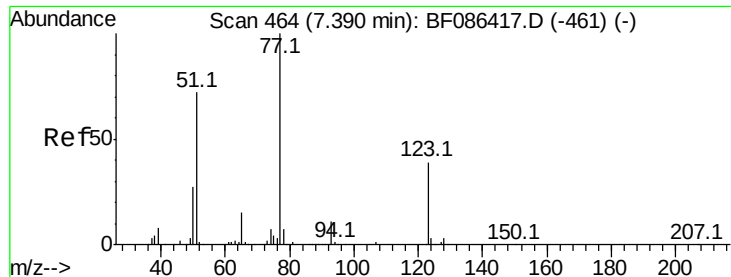
Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion:	82	Resp:	1560123
Ion Ratio	Lower	Upper	
82	100		
128	46.1	40.6	61.0
54	61.3	38.1	57.1#





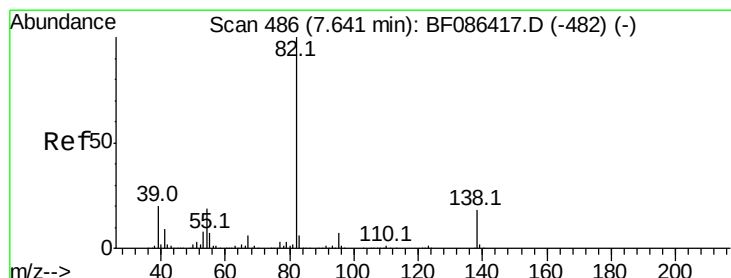
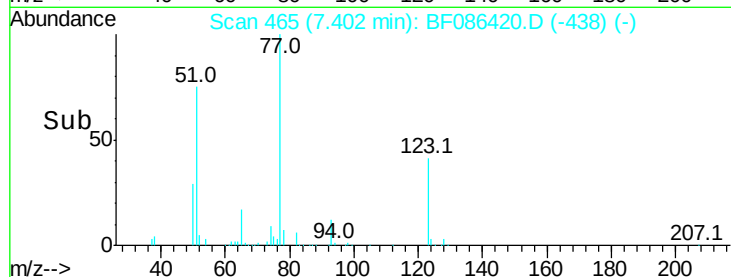
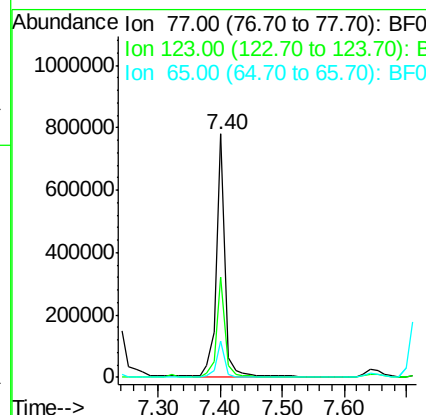
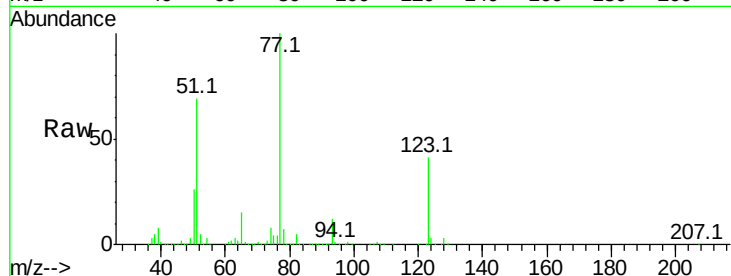
#24
 Nitrobenzene
 Concen: 78.34 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
77	100		
123	41.0	33.0	49.4
65	14.8	10.8	16.2

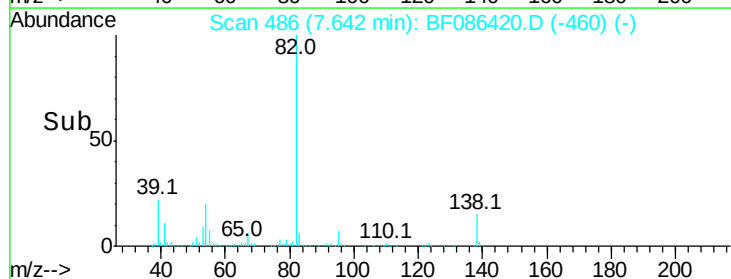
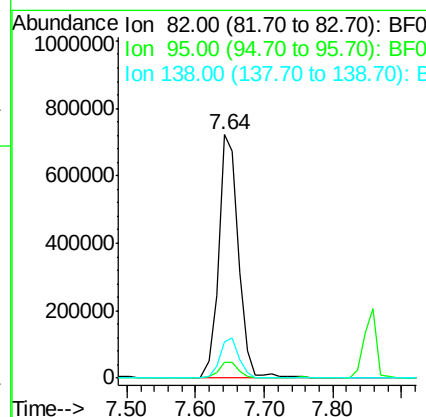
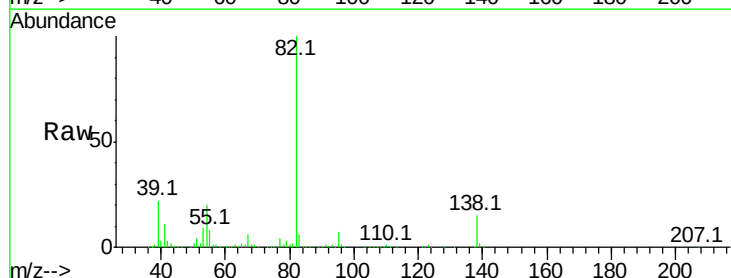
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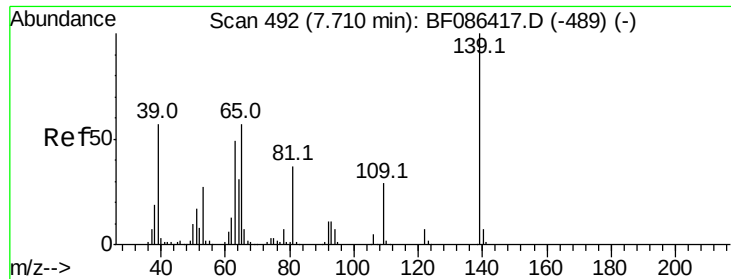
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#25
 Isophorone
 Concen: 83.48 ng
 RT: 7.64 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.1	7.7
138	14.9	12.4	18.6





#26

2-Nitrophenol

Concen: 73.32 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:139 Resp: 344762
Ion Ratio Lower Upper

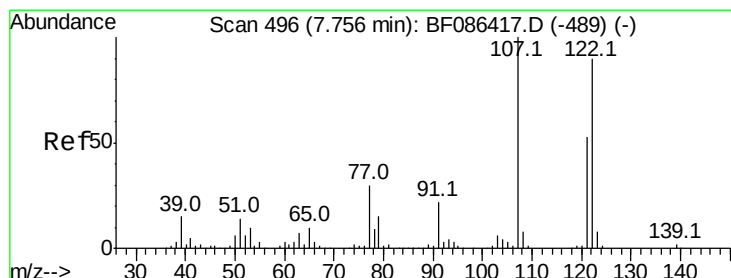
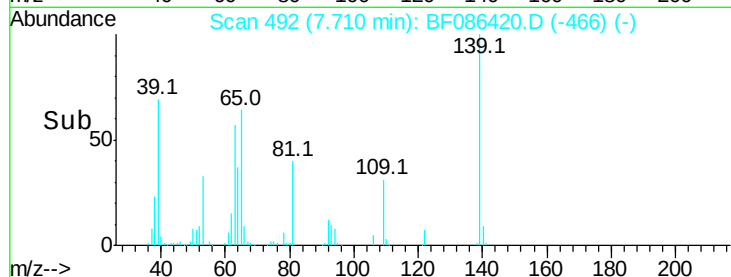
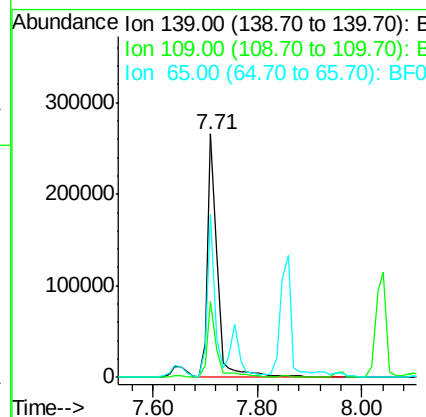
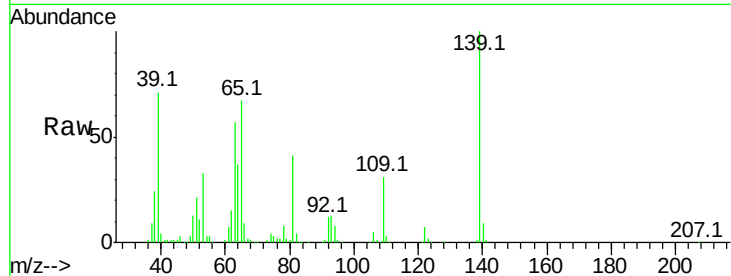
139 100

109 31.1 19.5 29.3#

65 67.0 37.5 56.3#

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#27

2,4-Dimethylphenol

Concen: 73.66 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF086420.D

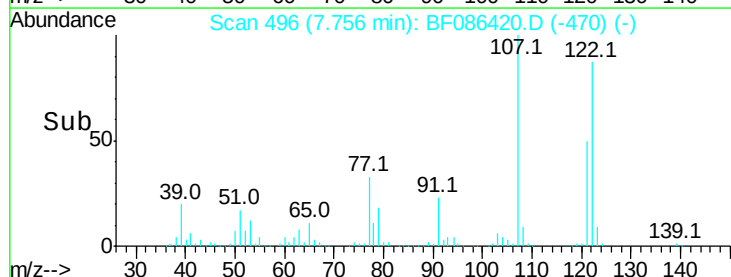
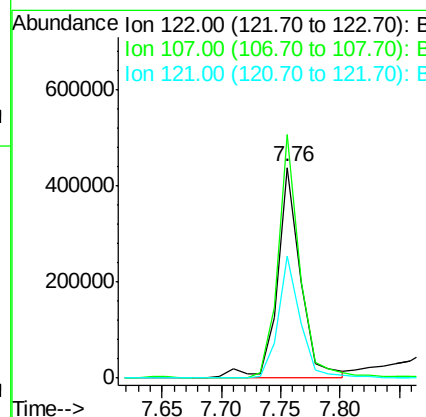
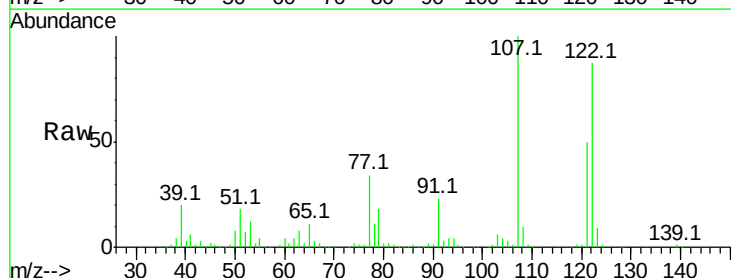
Acq: 27 Apr 2016 13:19

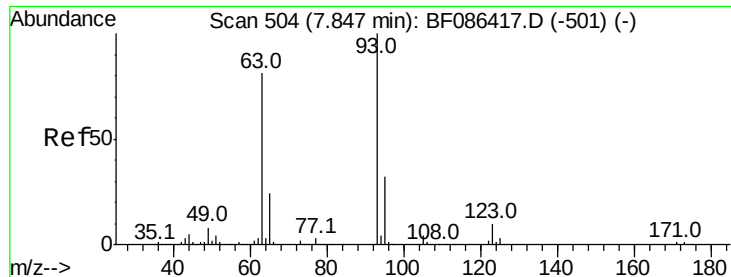
Tgt Ion:122 Resp: 593123
Ion Ratio Lower Upper

122 100

107 115.4 82.0 123.0

121 57.8 46.1 69.1





#28

bis(2-Chloroethoxy)methane

Concen: 84.31 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

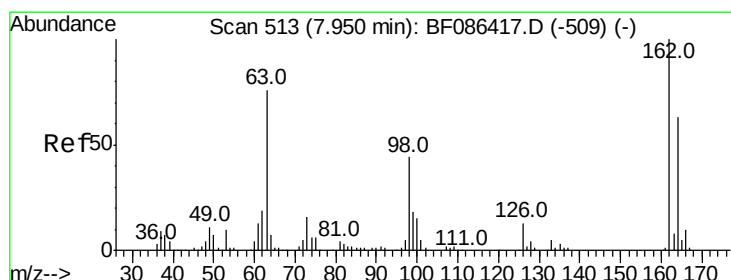
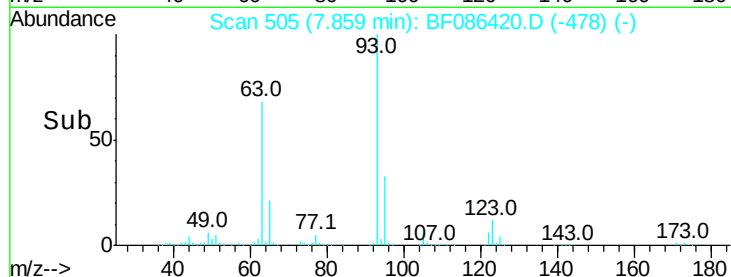
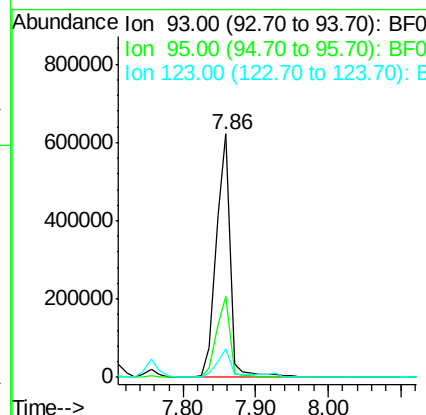
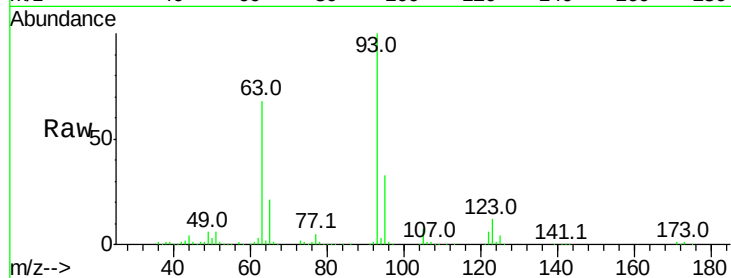
ClientSampleId :

SSTDIC080

Tot Ion:	93	Resp:	818548
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.0	39.0
123	11.9	9.5	14.3

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#29

2,4-Dichlorophenol

Concen: 83.12 ng

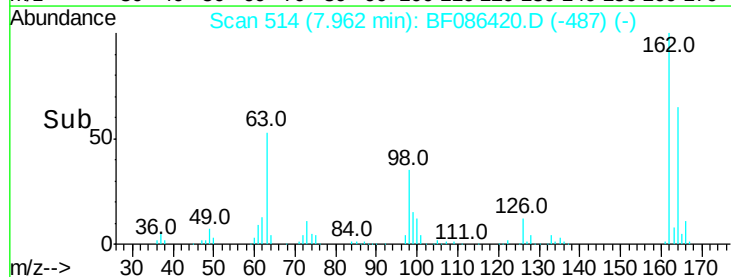
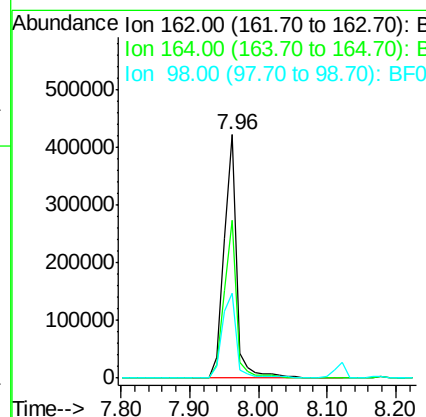
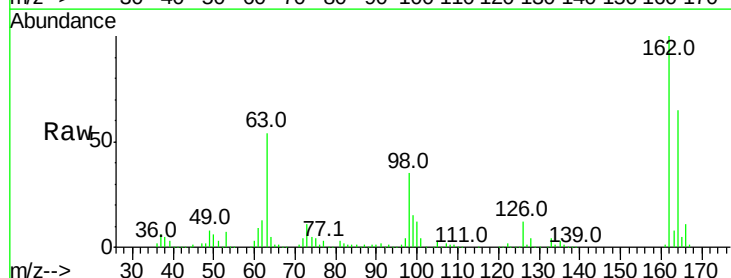
RT: 7.96 min Scan# 514

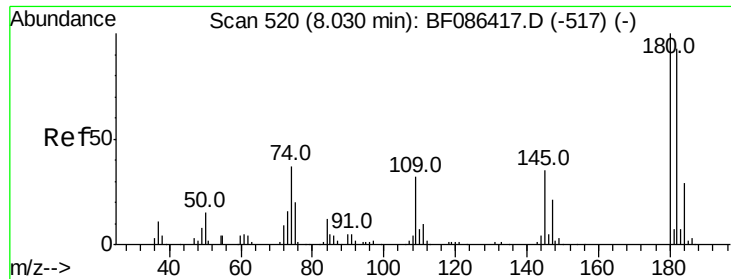
Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion:	162	Resp:	553210
Ion Ratio	Lower	Upper	
162	100		
164	64.9	42.2	82.2
98	34.8	19.0	59.0





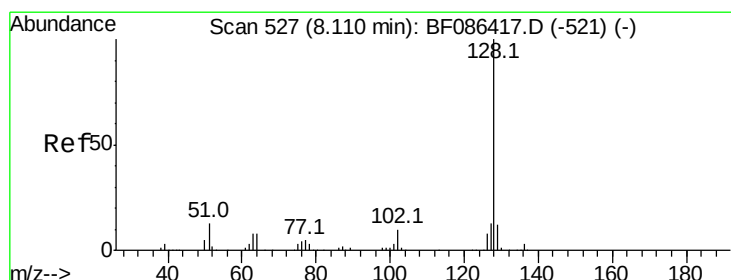
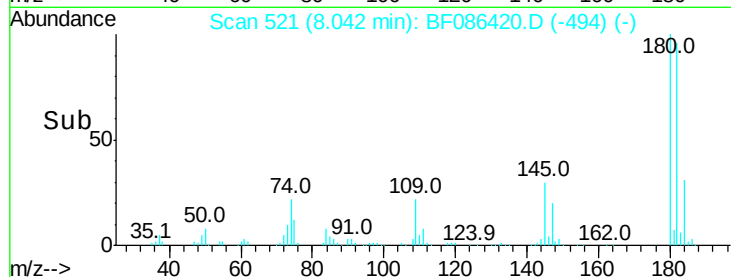
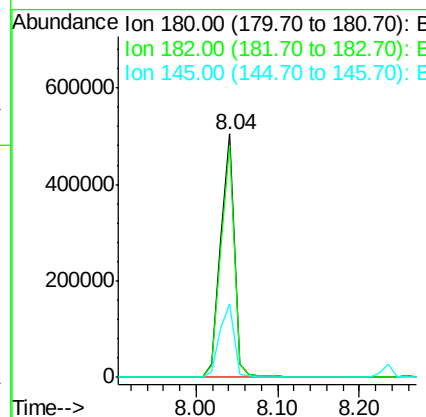
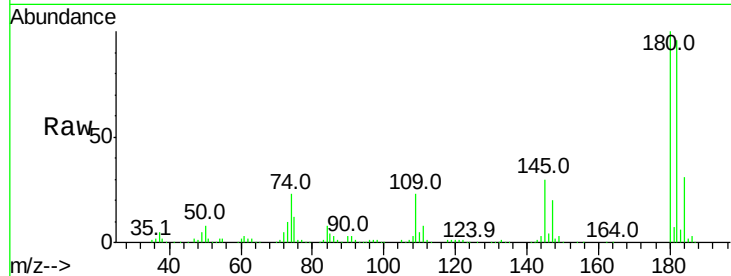
#30
1,2,4-Trichlorobenzene
Concen: 82.27 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
180	100	594771		
182	95.5		78.0	117.0
145	30.0		24.2	36.2

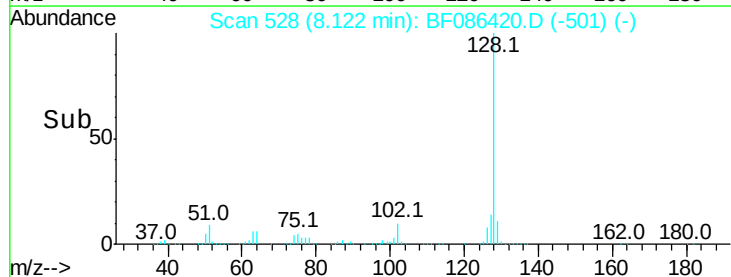
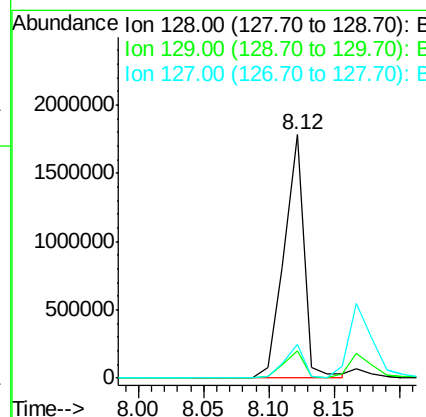
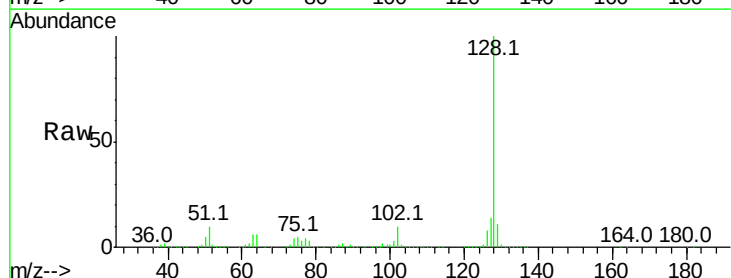
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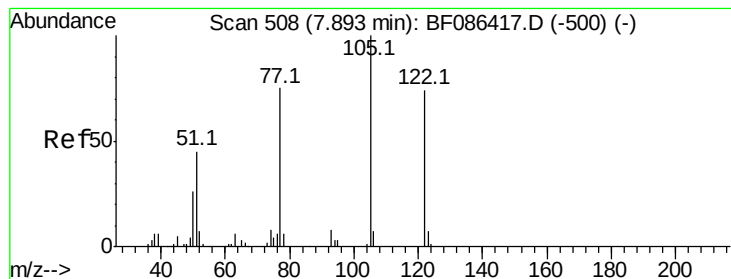
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#31
Naphthalene
Concen: 71.87 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1924248		
129	11.5		8.6	13.0
127	14.1		10.8	16.2





#32

Benzoic acid

Concen: 84.14 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.03 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

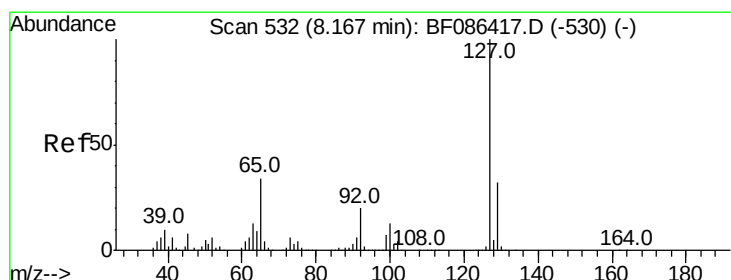
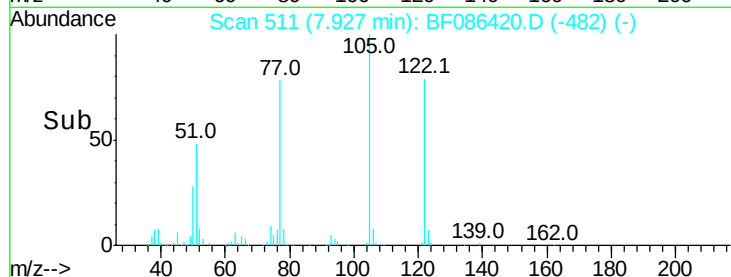
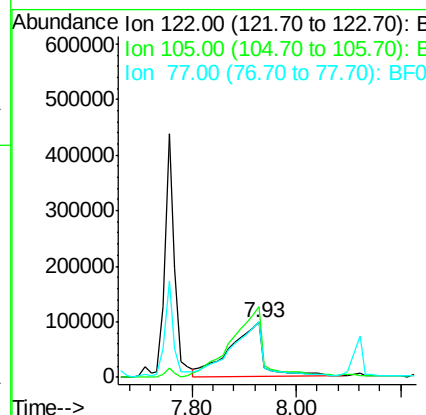
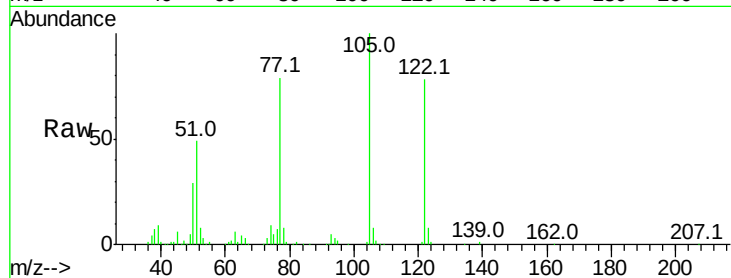
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
105	127.5	92.6	132.6
77	101.2	60.0	100.0#

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#33

4-Chloroaniline

Concen: 71.78 ng

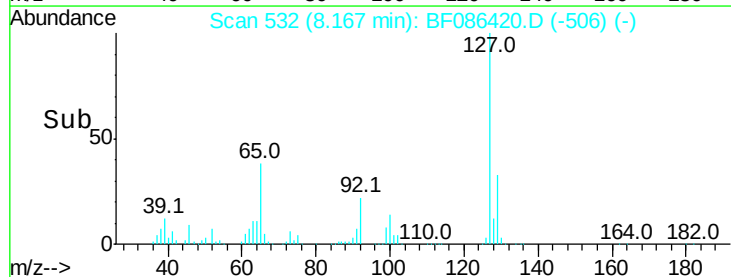
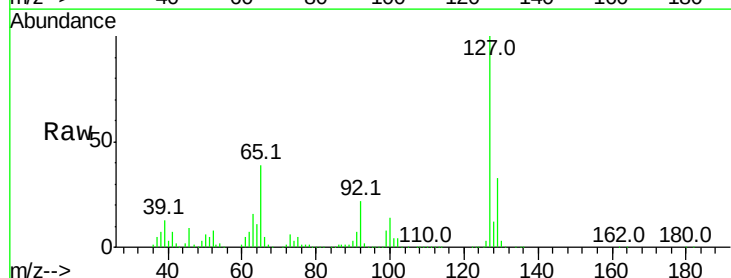
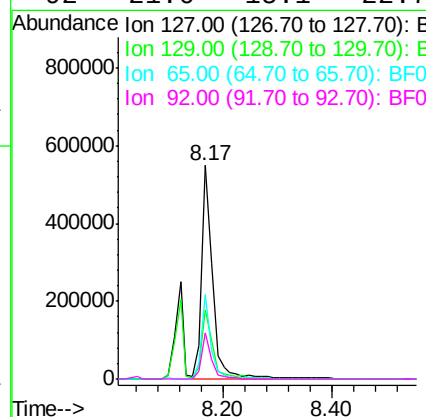
RT: 8.17 min Scan# 532

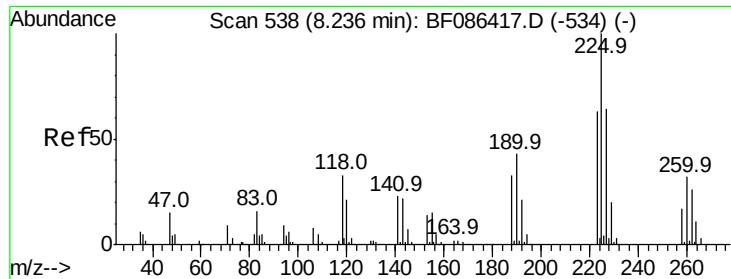
Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	39.5	23.0	34.4#
92	21.6	15.1	22.7





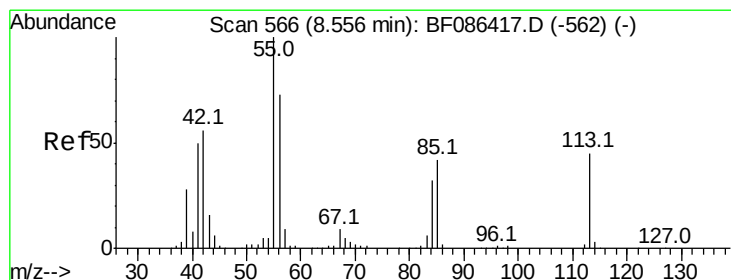
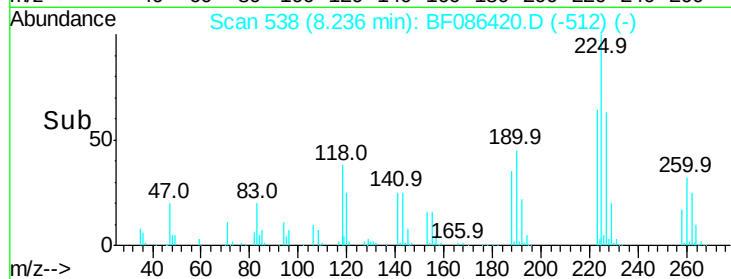
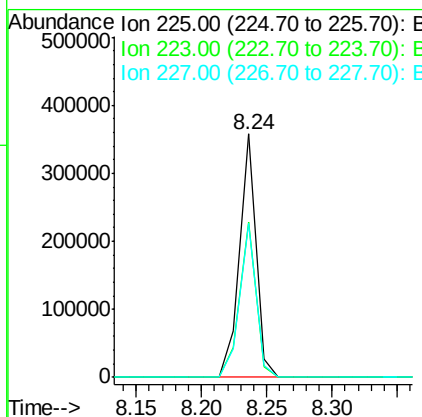
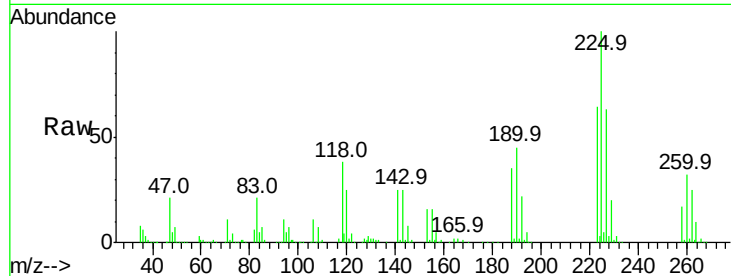
#34
Hexachlorobutadiene
Concen: 86.48 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
225	100	312213		
223	64.0		51.5	77.3
227	63.1		52.2	78.2

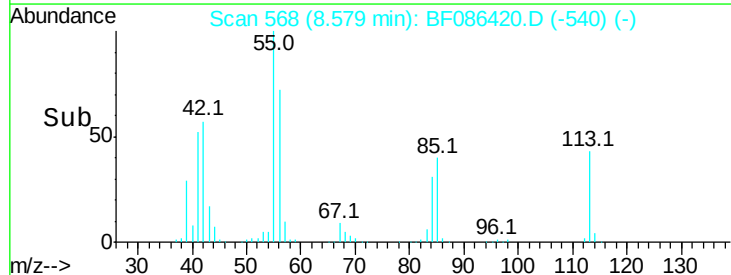
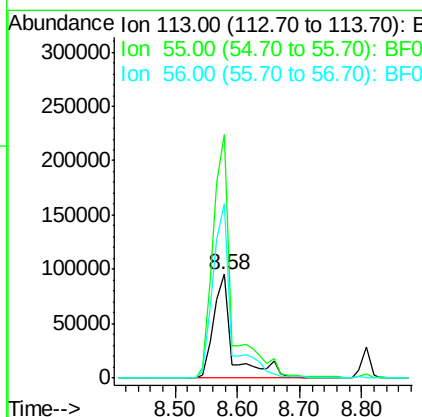
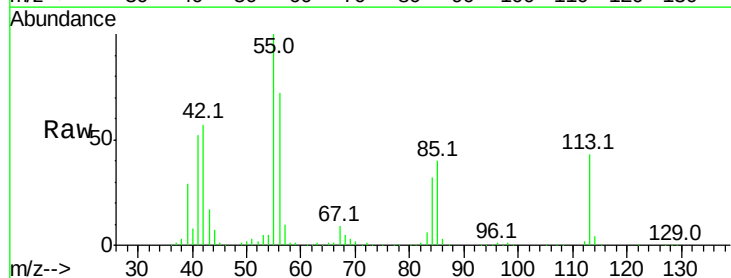
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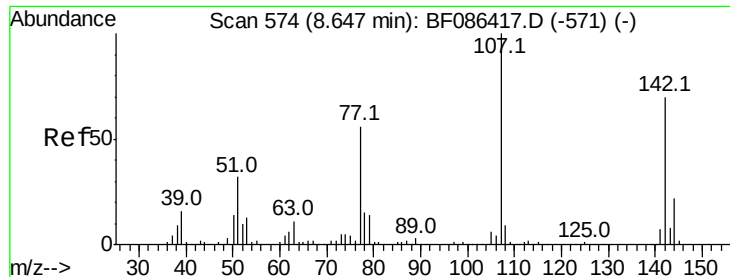
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#35
Caprolactam
Concen: 84.93 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	202826		
55	234.4		162.0	202.0#
56	167.9		115.3	155.3#





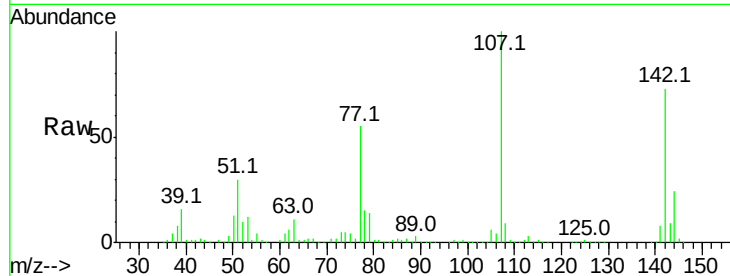
#36
 4-Chloro-3-methylphenol
 Concen: 71.70 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100	567150		
144	23.6	20.7	31.1	
142	73.0	63.2	94.8	

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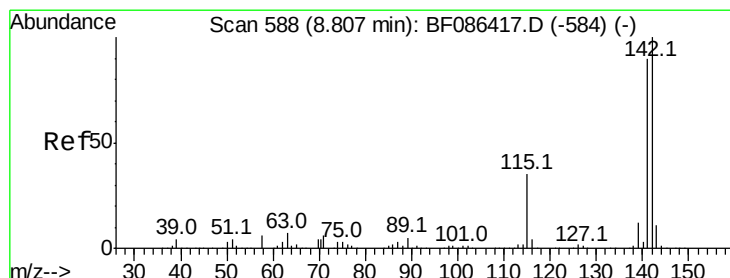
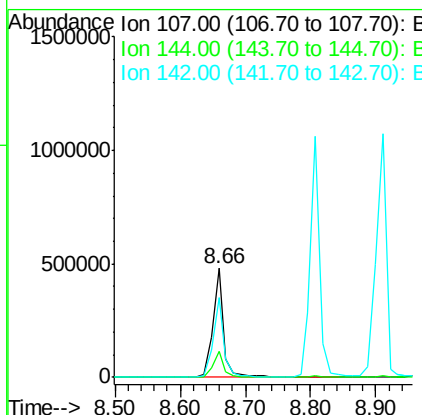
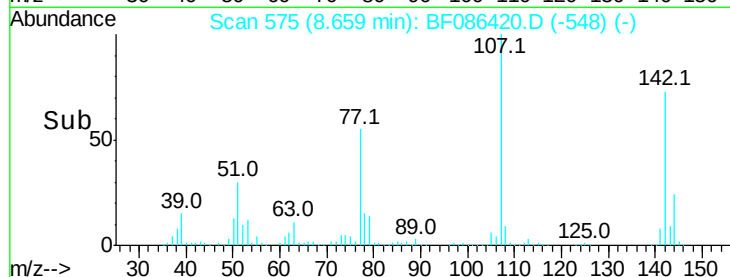


Abundance

Ion 107.00 (106.70 to 107.70): E

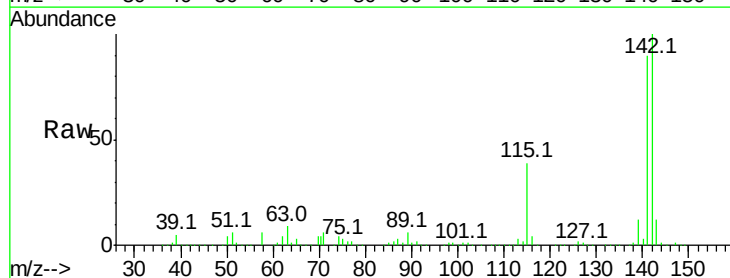
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 68.59 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1059120		
141	90.0	71.0	106.6	
115	38.9	26.6	39.8	

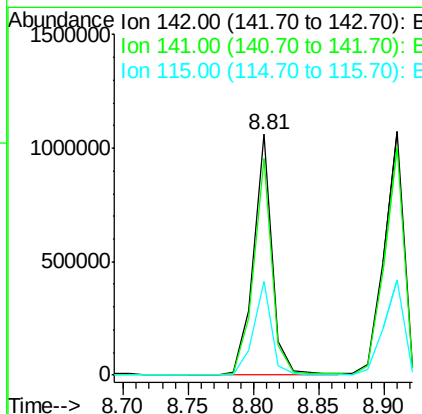
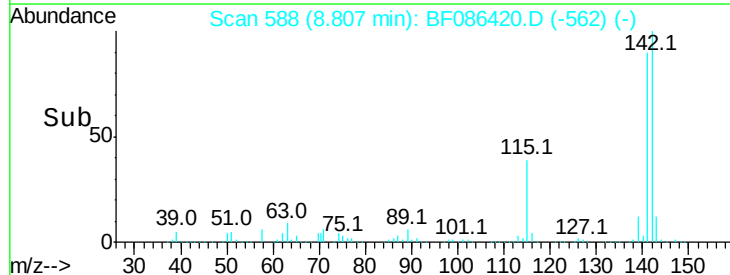


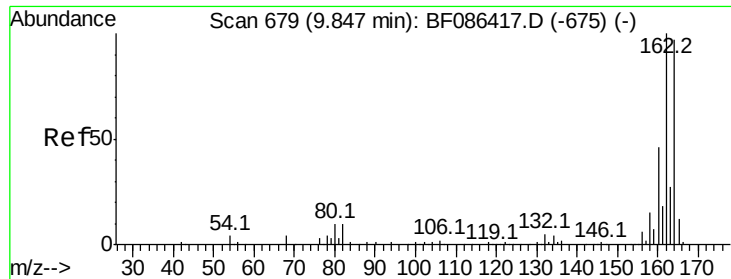
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





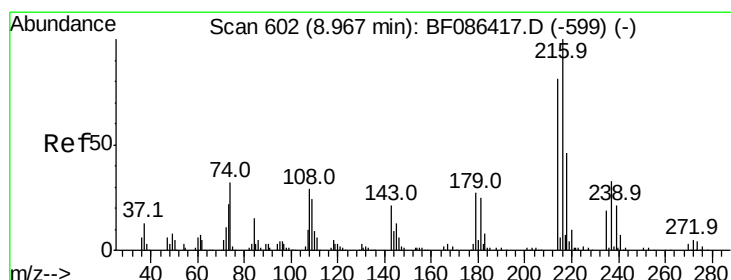
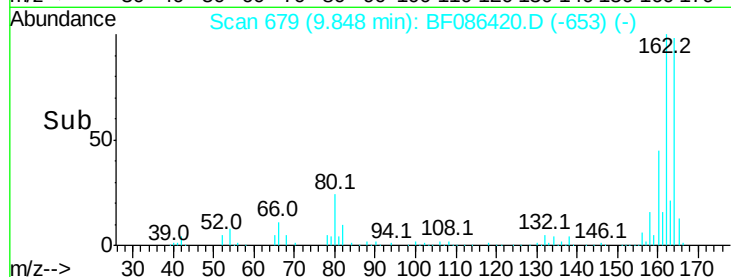
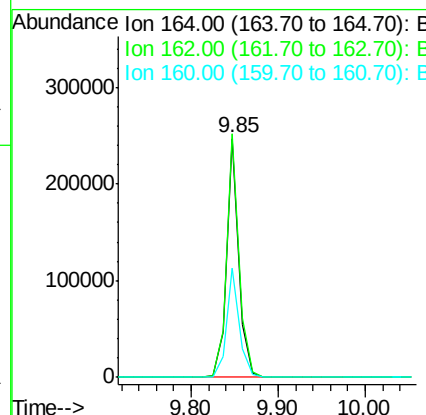
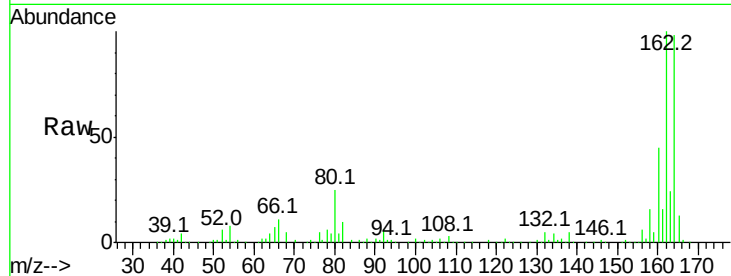
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	82.8	124.2	
160	45.6	36.9	55.3	

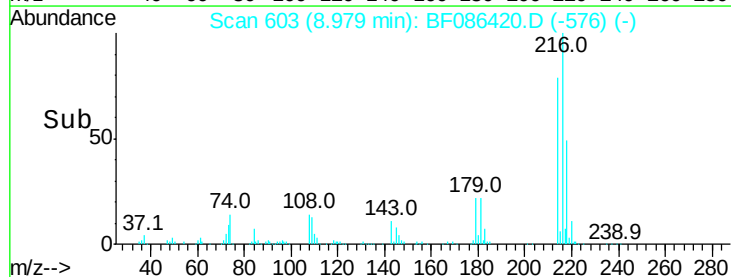
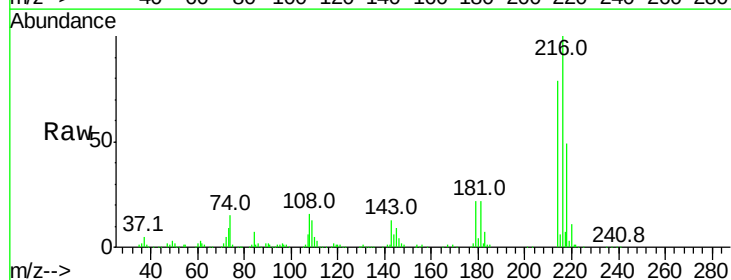
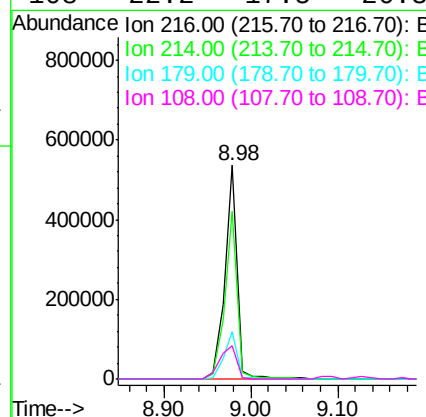
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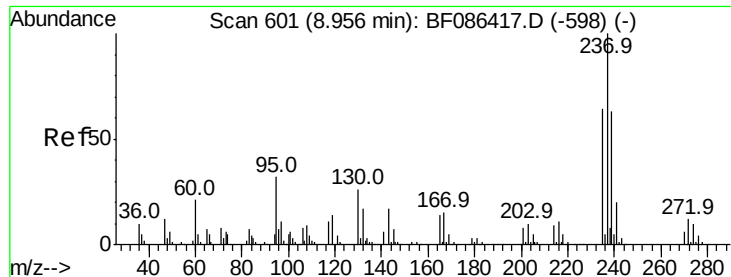
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 84.47 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	62.6	93.8	
179	23.4	18.2	27.4	
108	22.2	17.5	26.3	





#40

Hexachlorocyclopentadiene

Concen: 96.59 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

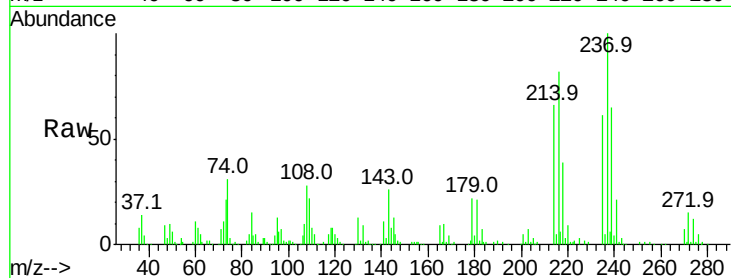
ClientSampleId :

SSTDIC080

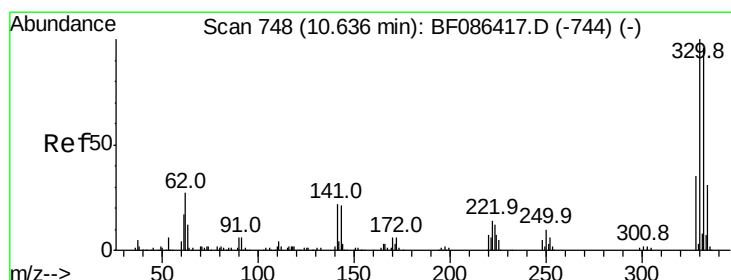
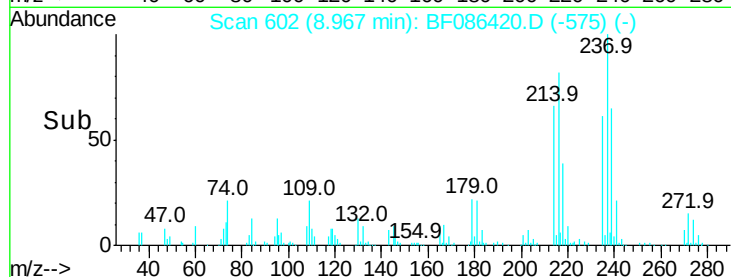
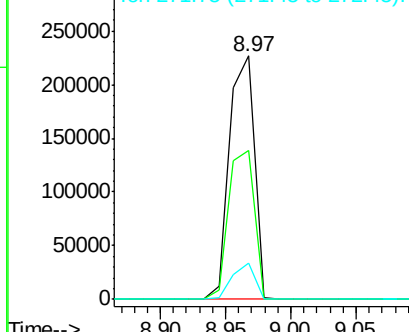
Tot Ion:	237	Resp:	301432
Ion Ratio		Lower	Upper
237	100		
235	61.2	47.2	87.2
272	14.9	0.0	31.1

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 169.65 ng

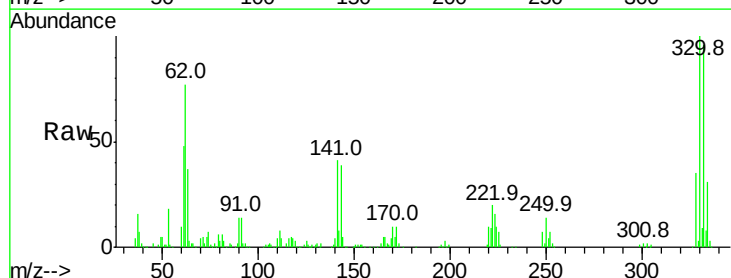
RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

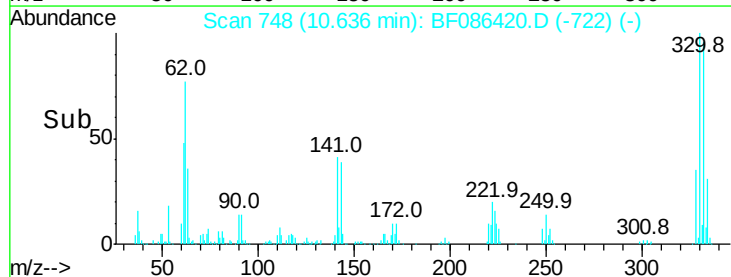
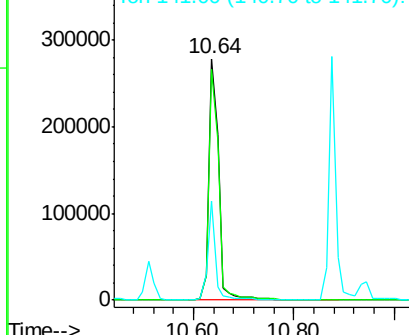
Lab File: BF086420.D

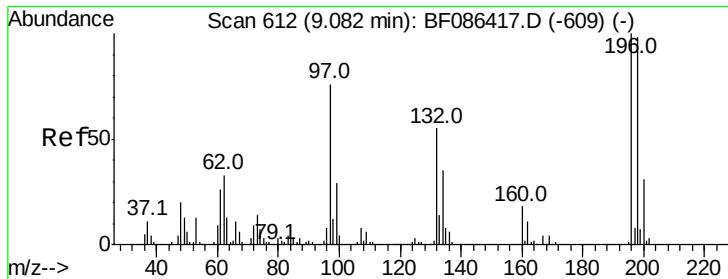
Acq: 27 Apr 2016 13:19

Tgt Ion:	330	Resp:	379254
Ion Ratio		Lower	Upper
330	100		
332	96.4	79.0	118.4
141	31.5	31.2	46.8



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





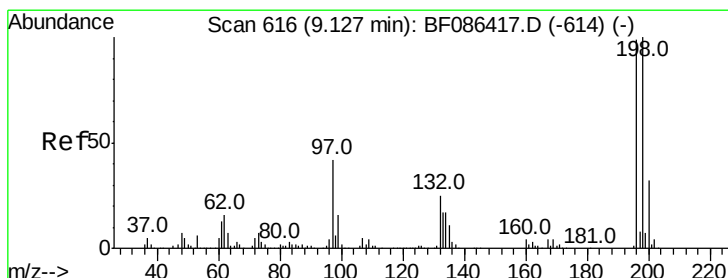
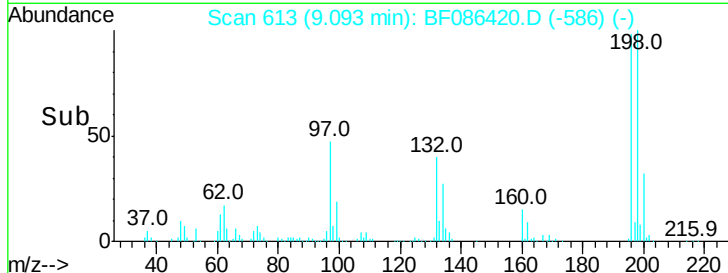
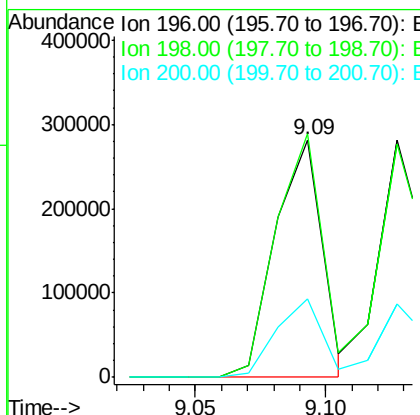
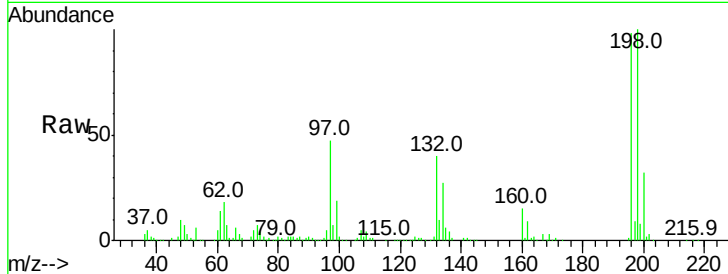
#42
 2,4,6-Trichlorophenol
 Concen: 84.30 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	196	Resp:	353149
Ion Ratio	Lower	Upper	
196	100		
198	102.5	74.7	112.1
200	33.1	23.8	35.6

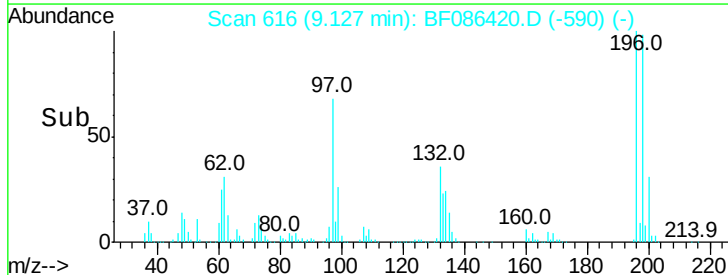
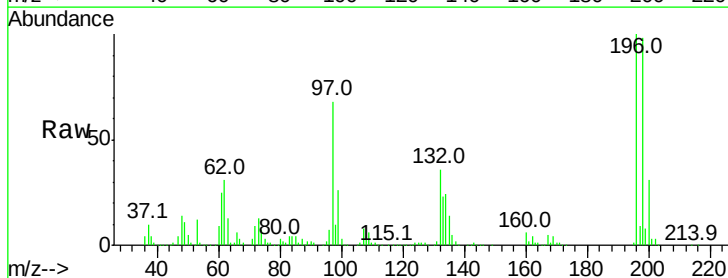
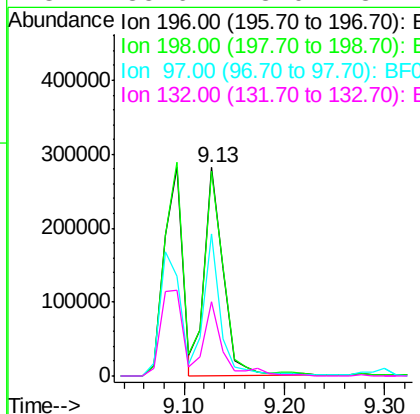
Manual Integrations
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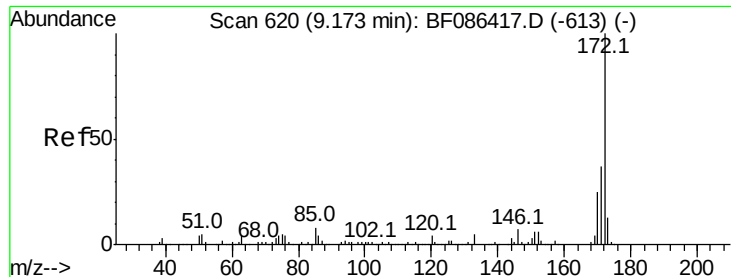
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#43
 2,4,5-Trichlorophenol
 Concen: 70.98 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Tgt Ion:	196	Resp:	366127
Ion Ratio	Lower	Upper	
196	100		
198	98.3	77.5	116.3
97	68.0	34.8	52.2#
132	35.6	23.0	34.4#





#44

2-Fluorobiphenyl

Concen: 132.46 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:172 Resp: 1916820

Ion Ratio Lower Upper

172 100

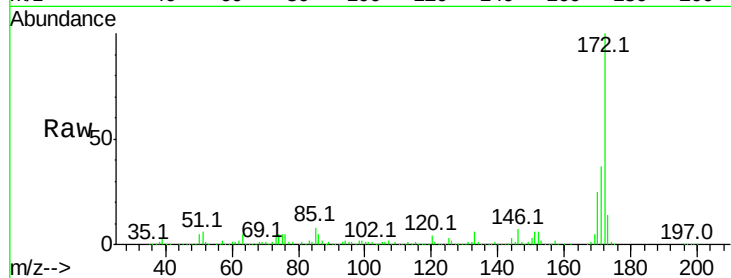
171 36.8 29.0 43.6

170 25.0 19.8 29.8

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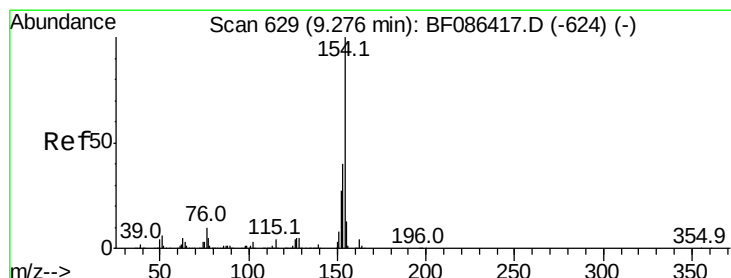
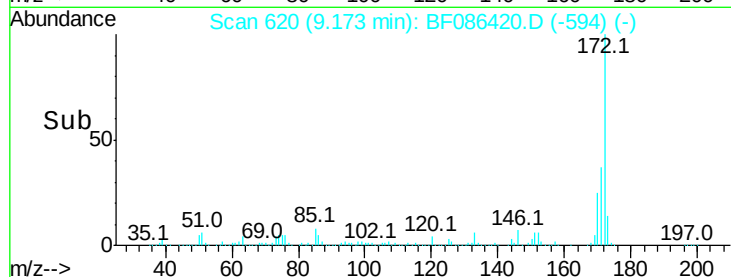
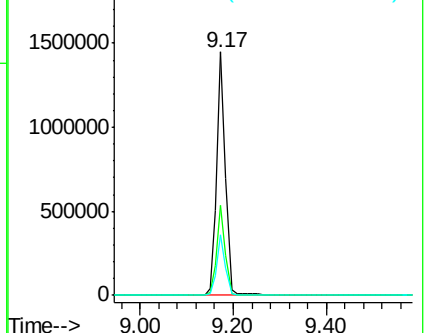
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 69.24 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

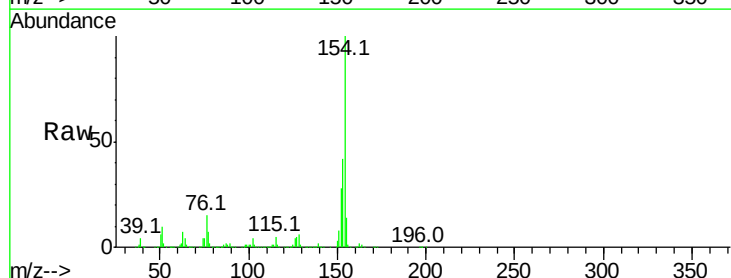
Tgt Ion:154 Resp: 1326500

Ion Ratio Lower Upper

154 100

153 41.6 20.3 60.3

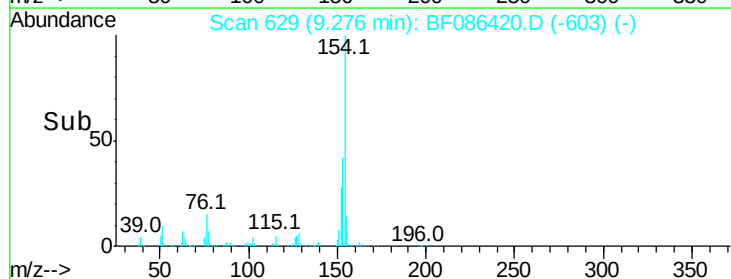
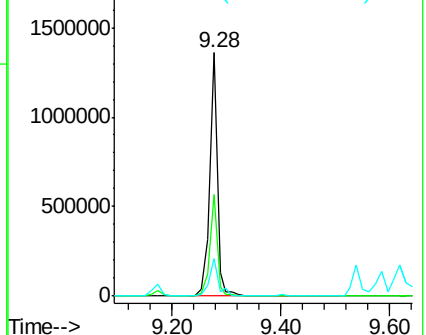
76 15.2 0.0 30.2

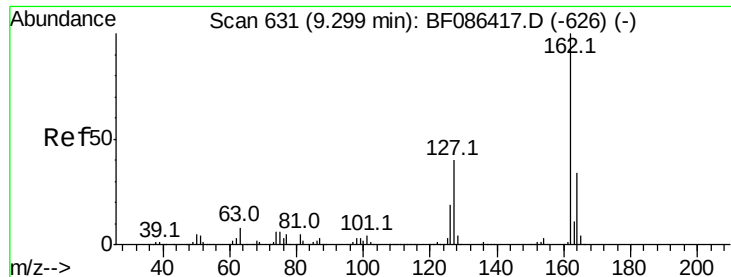


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 69.87 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:162 Resp: 1059488

Ion Ratio Lower Upper

162 100

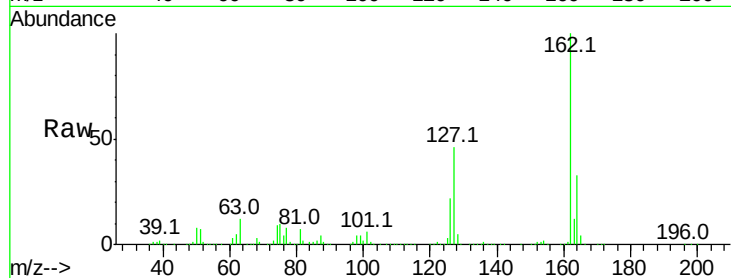
127 45.6 31.8 47.6

164 33.2 27.0 40.6

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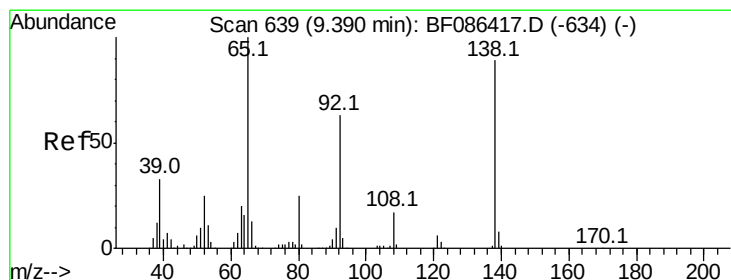
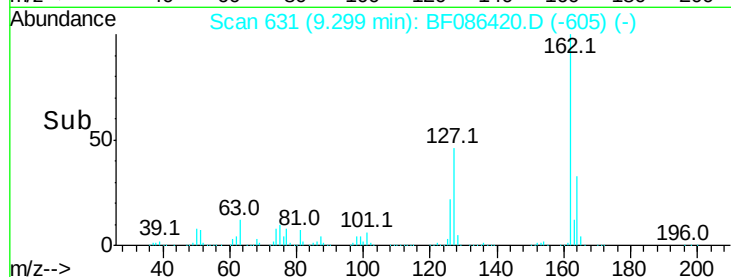
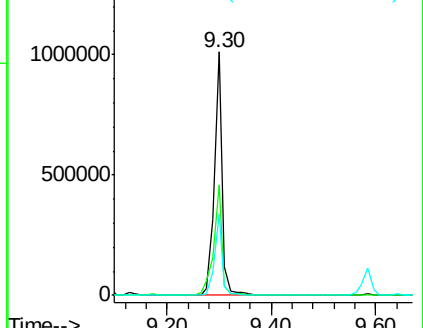
4/28/2016 1:39:58 PM



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: 90.14 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

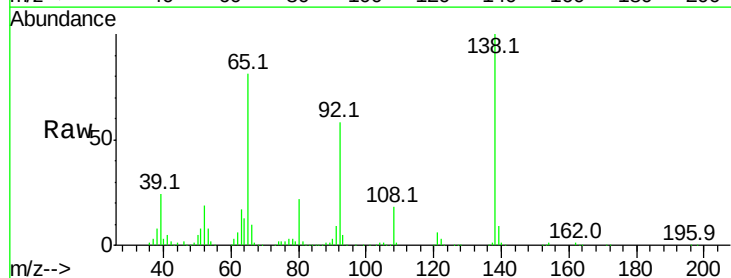
Tgt Ion: 65 Resp: 425636

Ion Ratio Lower Upper

65 100

92 71.5 57.4 86.2

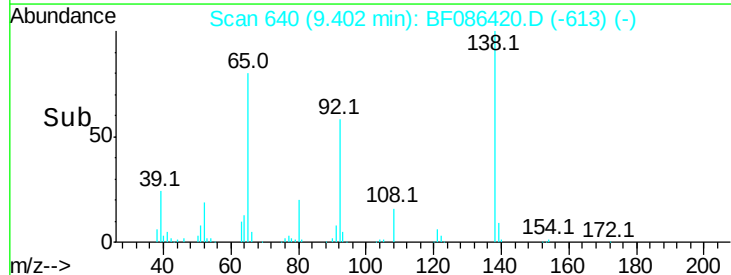
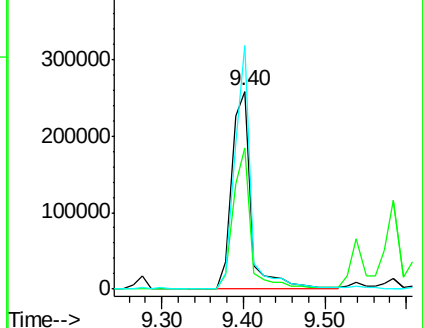
138 123.1 90.1 135.1

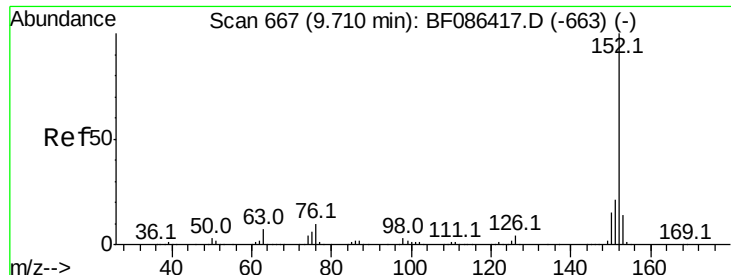


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 62.51 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 1537020

Ion Ratio Lower Upper

152 100

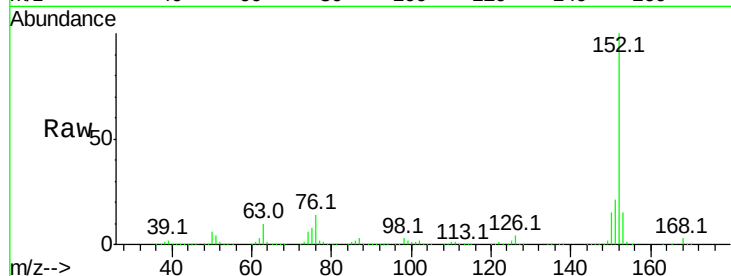
151 20.8 16.8 25.2

153 14.5 10.9 16.3

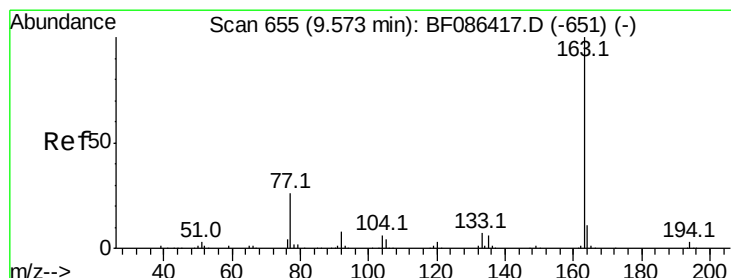
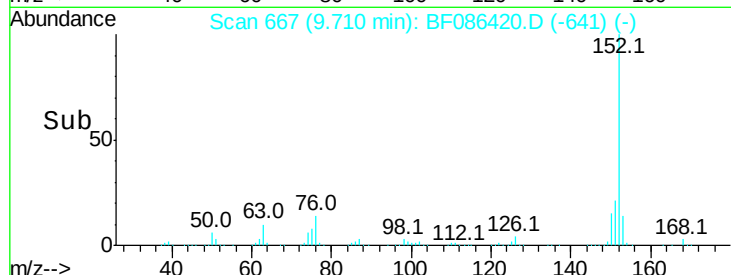
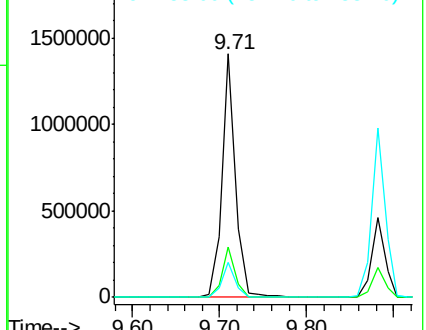
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 71.27 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

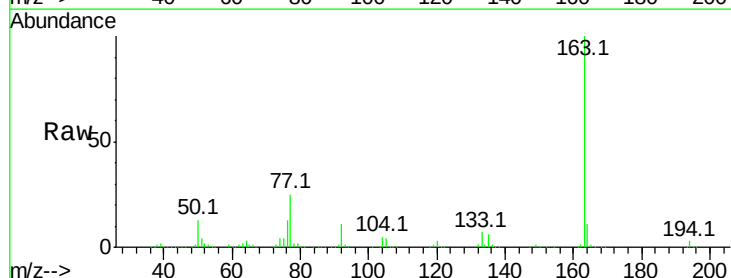
Tgt Ion:163 Resp: 1271454

Ion Ratio Lower Upper

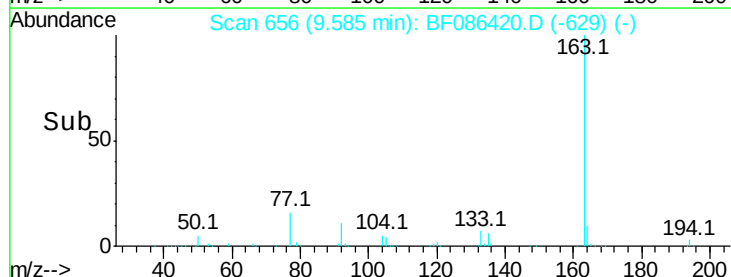
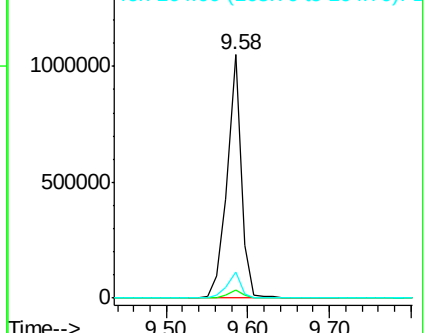
163 100

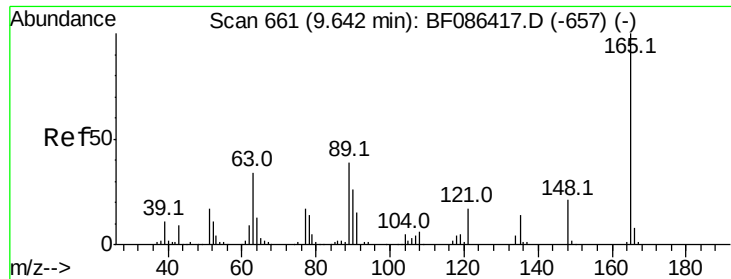
194 3.3 2.6 4.0

164 10.6 8.2 12.4



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





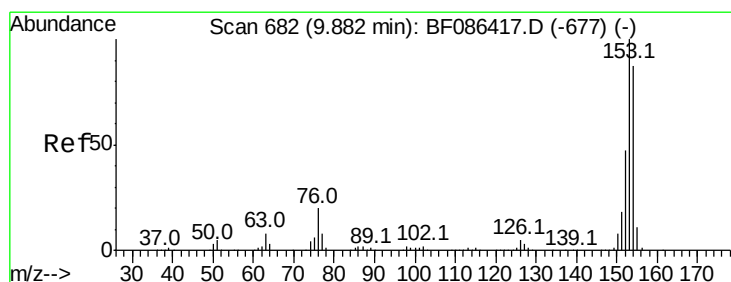
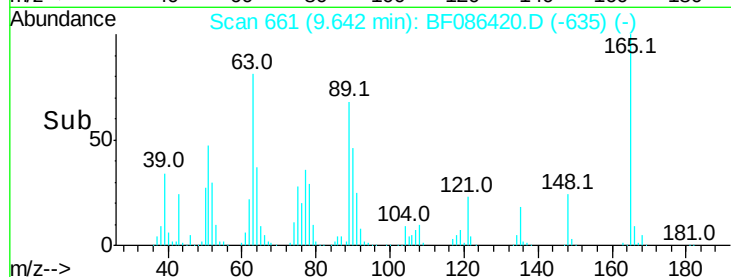
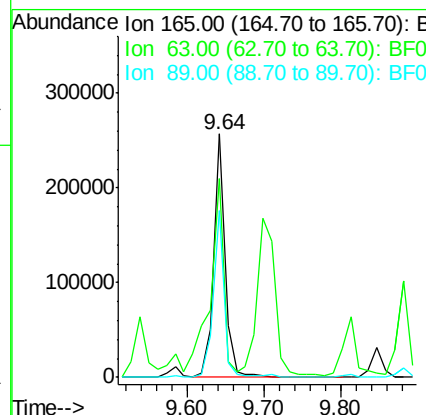
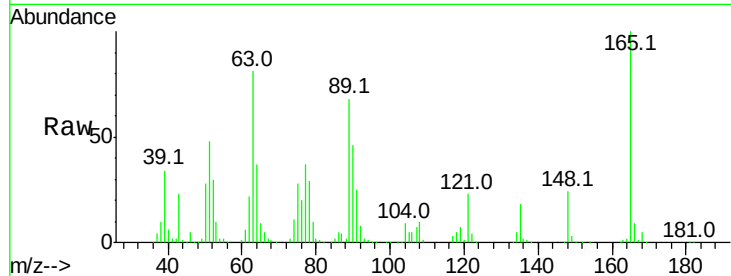
#50
 2,6-Dinitrotoluene
 Concen: 68.46 ng
 RT: 9.64 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	263828		
63	81.4	51.8	77.8#	
89	68.3	50.7	76.1	

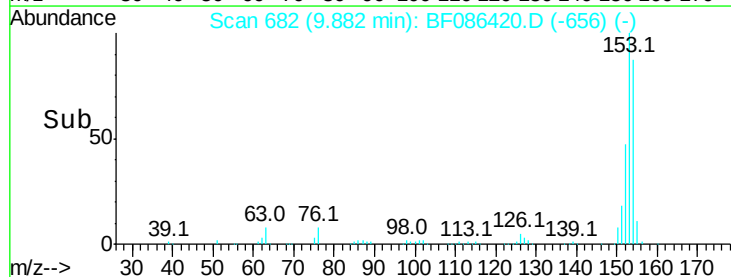
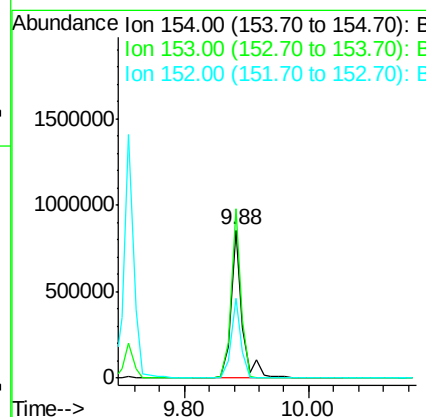
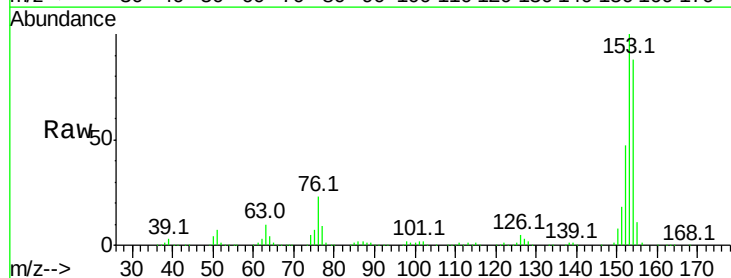
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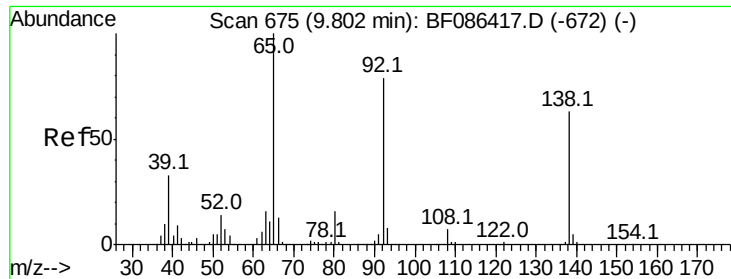
sohil
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#51
 Acenaphthene
 Concen: 69.61 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1051429		
153	114.2	89.8	134.6	
152	53.7	43.4	65.0	





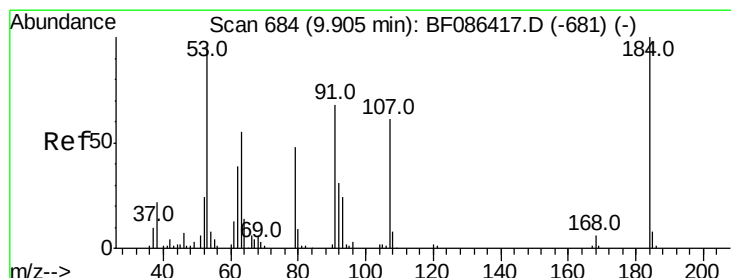
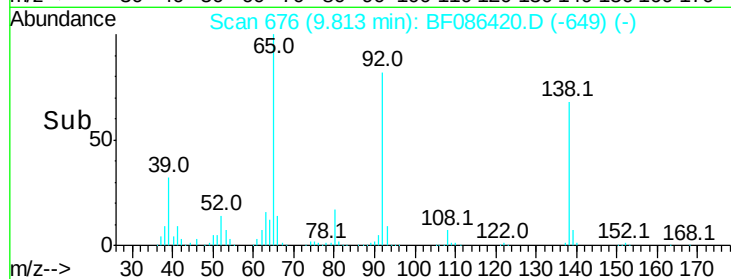
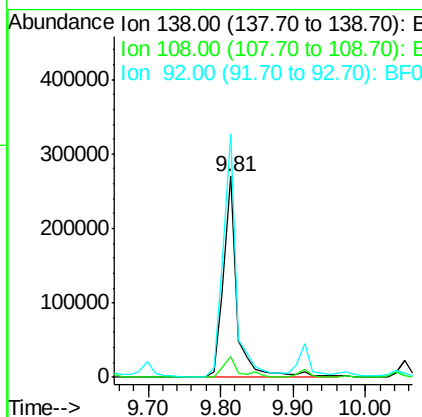
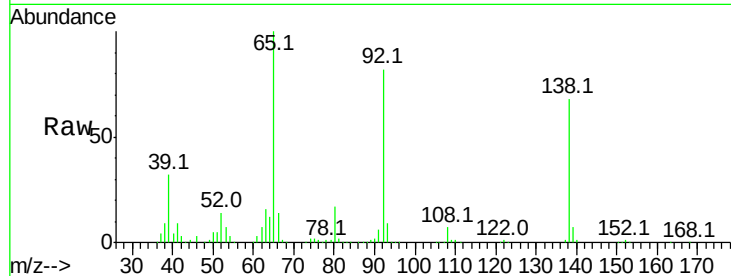
#52
3-Nitroaniline
Concen: 72.29 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.4	7.8	11.6	
92	121.2	87.8	131.8	

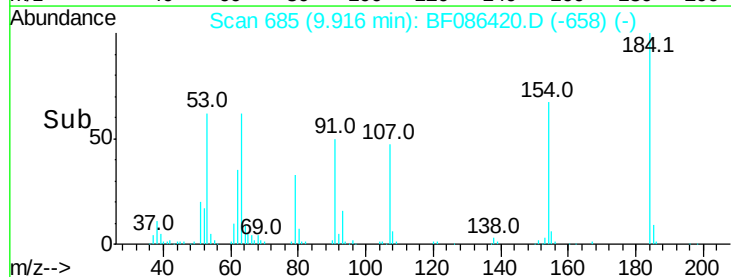
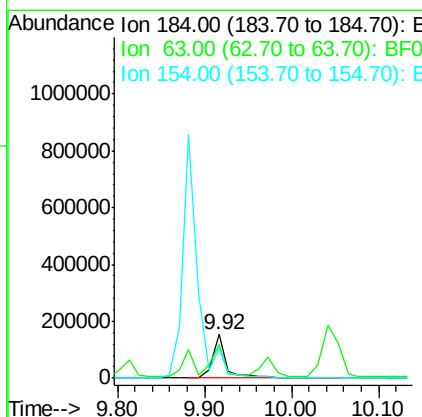
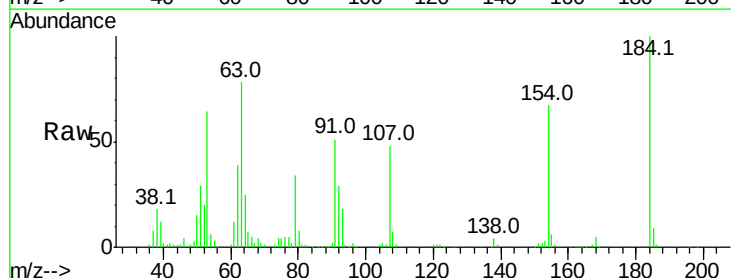
Manual Integrations
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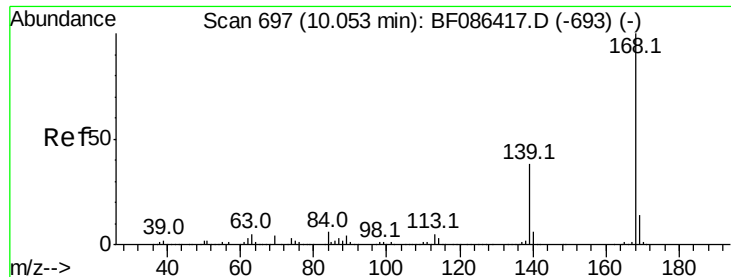
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#53
2,4-Dinitrophenol
Concen: 85.35 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	77.7	55.8	83.8	
154	67.1	62.4	93.6	





#54

Dibenzenofuran

Concen: 64.41 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:168 Resp: 1249350

Ion Ratio Lower Upper

168 100

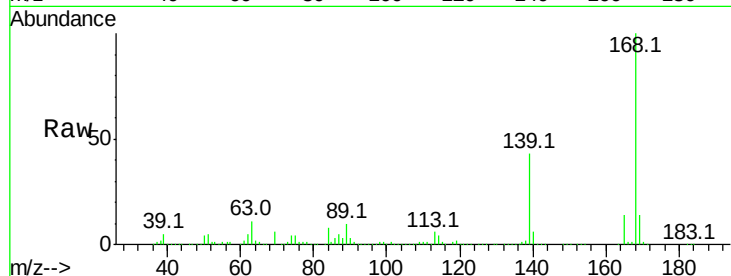
139 42.9 31.4 47.0

169 13.9 10.7 16.1

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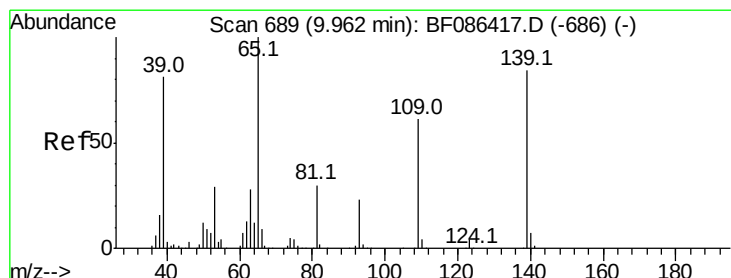
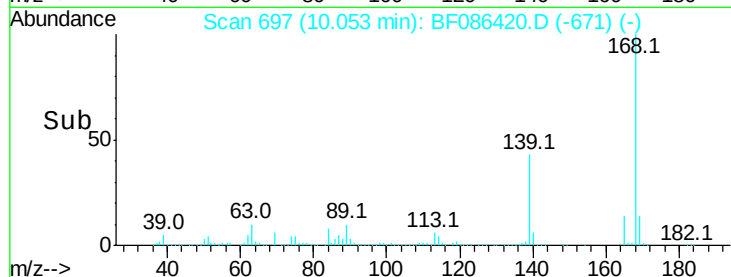
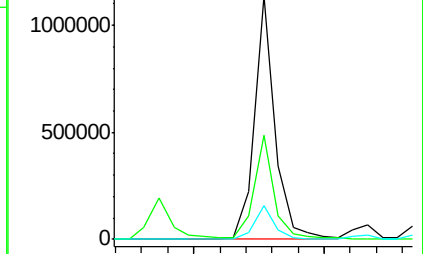
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 70.41 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

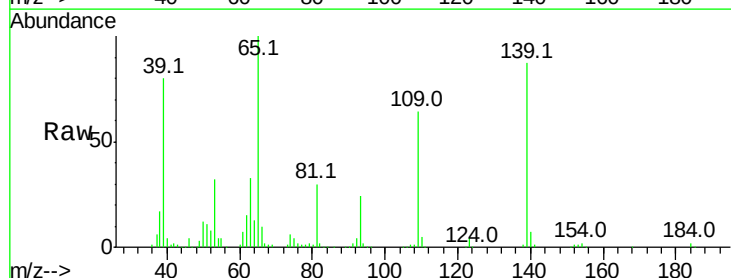
Tgt Ion:139 Resp: 237690

Ion Ratio Lower Upper

139 100

109 73.3 36.9 76.9

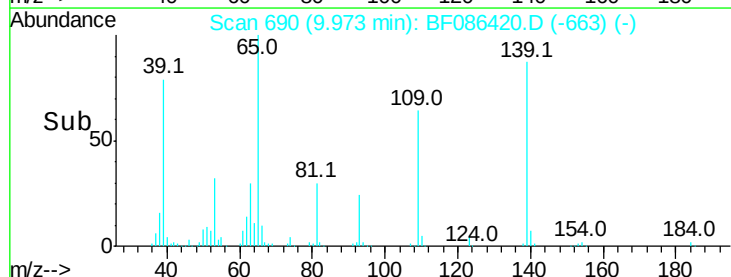
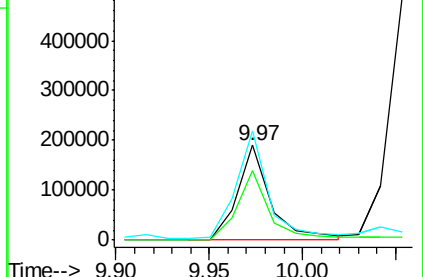
65 115.0 64.0 104.0#

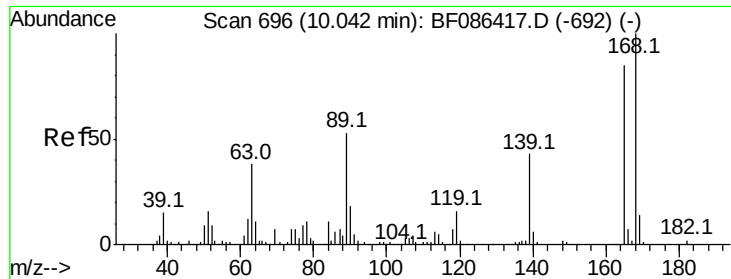


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





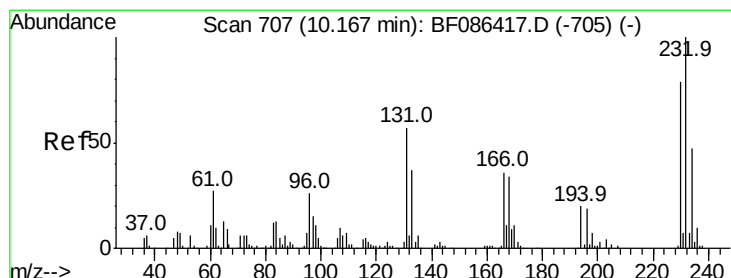
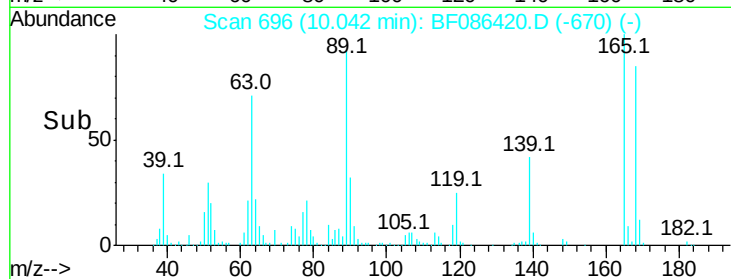
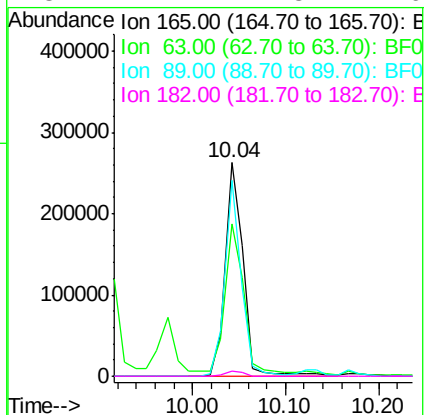
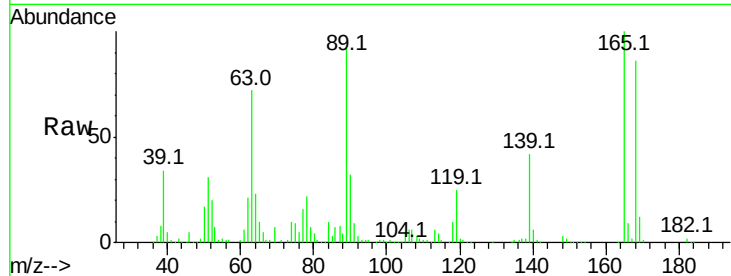
#56
 2,4-Dinitrotoluene
 Concen: 68.45 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	165	Resp	350268
Ion Ratio	Lower	Upper	
165	100		
63	71.6	44.3	66.5#
89	91.5	70.0	105.0
182	2.2	1.8	2.6

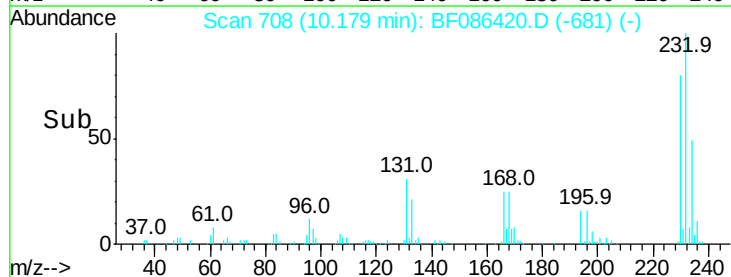
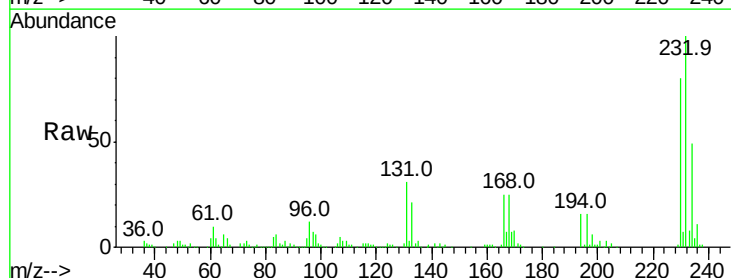
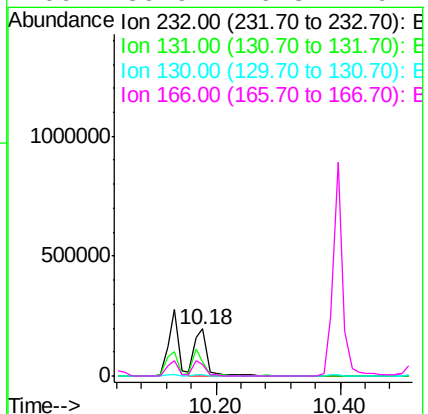
Manual Integrations
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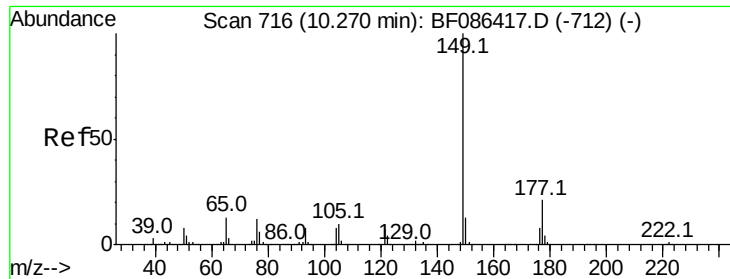
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 75.16 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Tgt Ion	232	Resp	283343
Ion Ratio	Lower	Upper	
232	100		
131	49.3	41.9	62.9
130	2.4	2.2	3.4
166	30.9	26.8	40.2





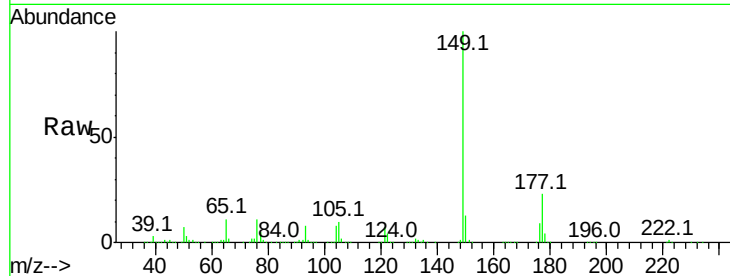
#59
Diethylphthalate
Concen: 76.83 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

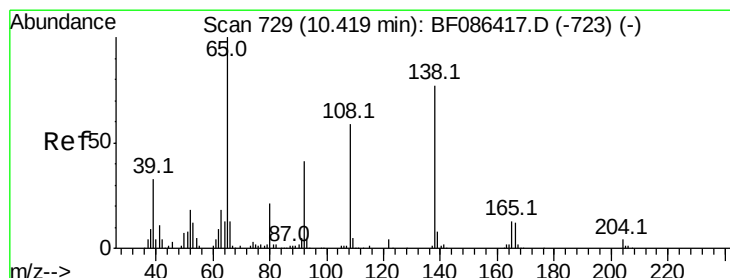
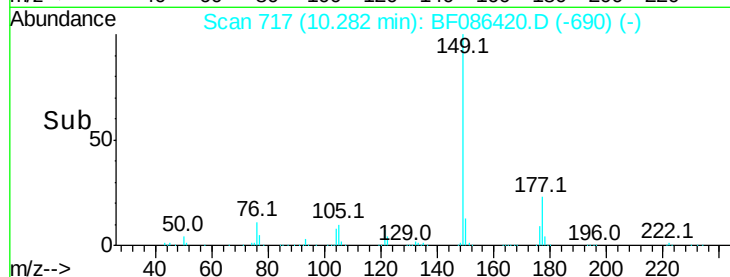
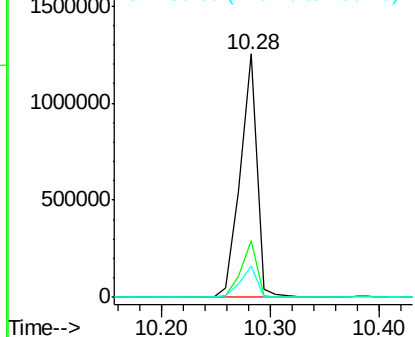
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	16.6	24.8
150	12.8	10.0	15.0

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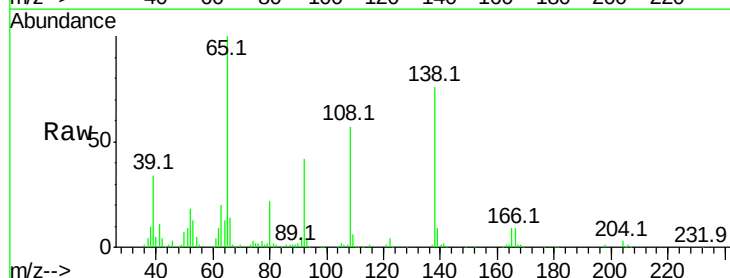


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

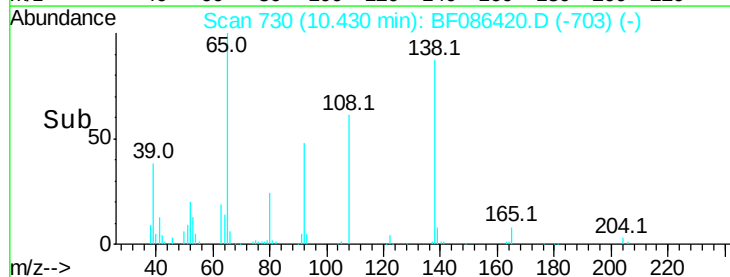
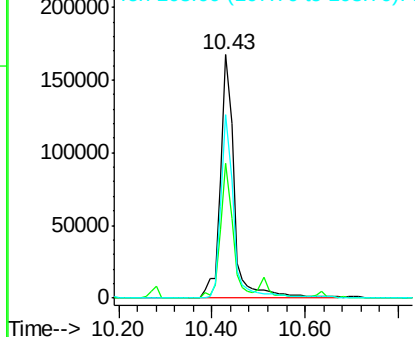


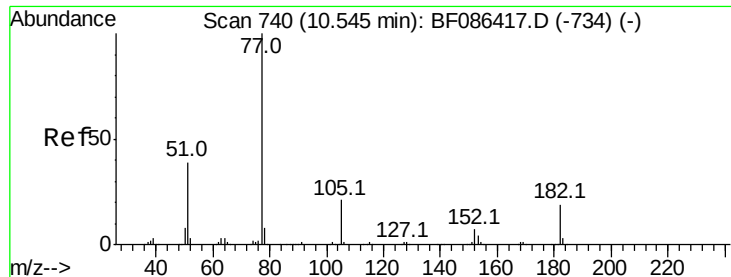
#61
4-Nitroaniline
Concen: 68.35 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	24.7	64.7
108	75.1	37.4	77.4



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





#62

Azobenzene

Concen: 78.57 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 77 Resp: 1391903

Ion Ratio Lower Upper

77 100

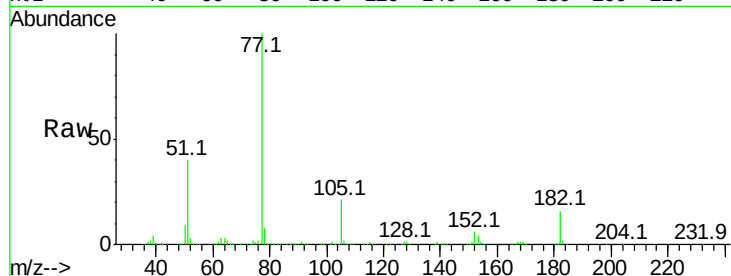
182 16.5 0.0 38.8

105 20.6 3.2 43.2

51 39.7 8.8 48.8

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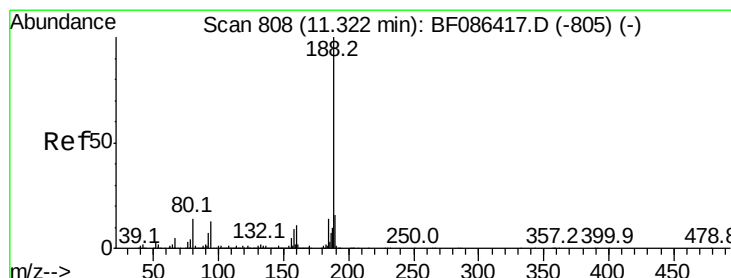
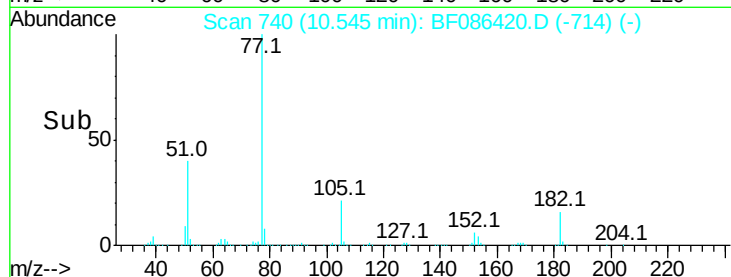
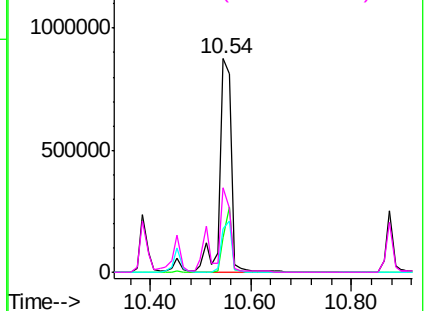


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

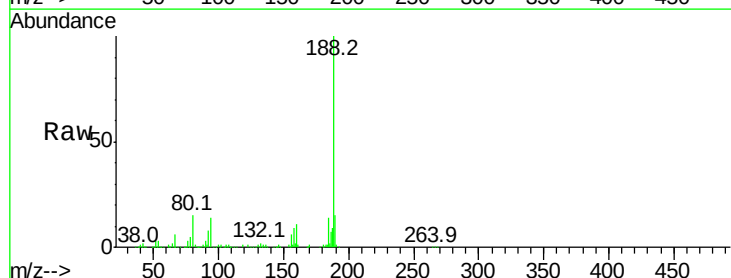
Tgt Ion: 188 Resp: 437202

Ion Ratio Lower Upper

188 100

94 13.9 6.8 10.2#

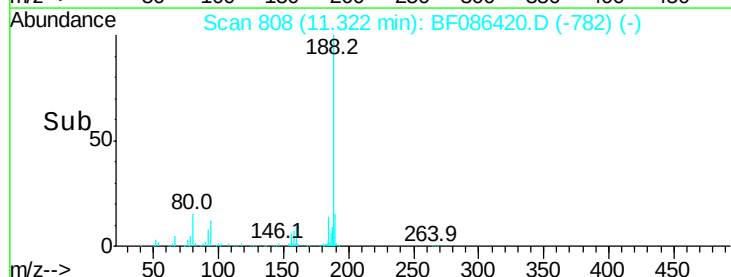
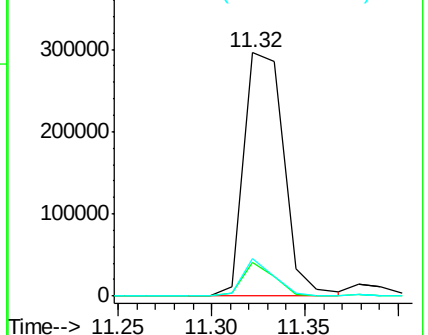
80 15.5 7.1 10.7#

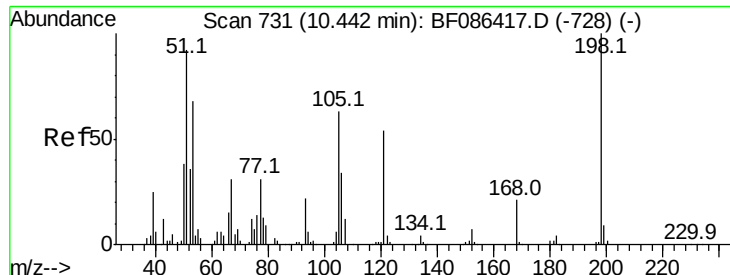


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 77.39 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:198 Resp: 206758

Ion Ratio Lower Upper

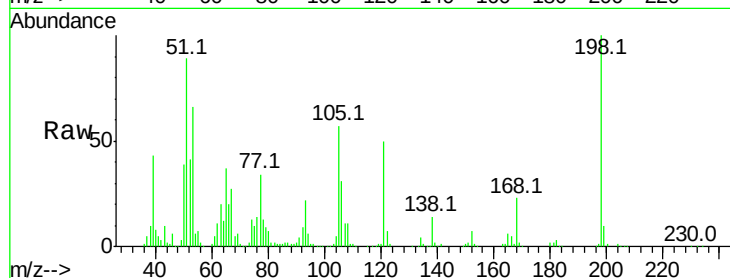
198 100

51 88.6 20.5 60.5#

105 57.3 24.5 64.5

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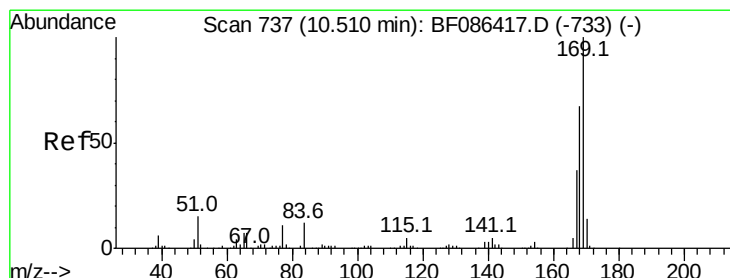
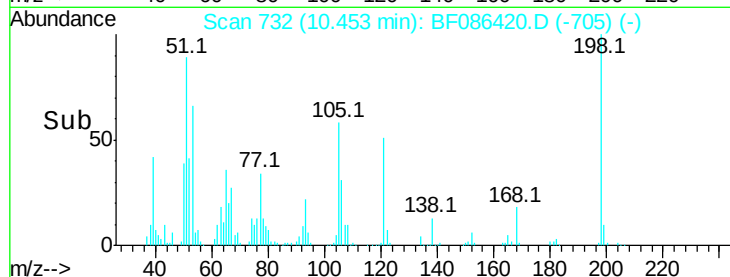
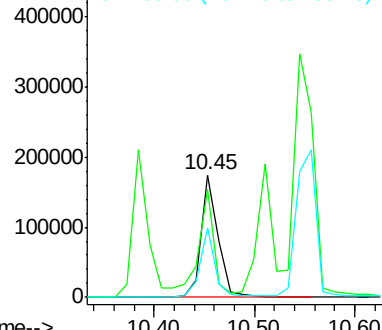
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 71.19 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

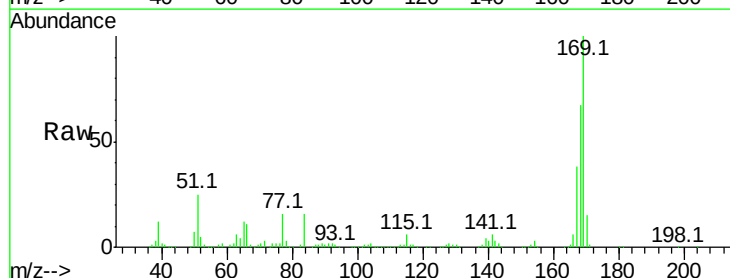
Tgt Ion:169 Resp: 959745

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

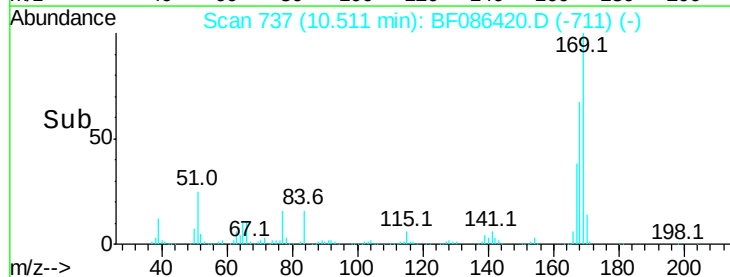
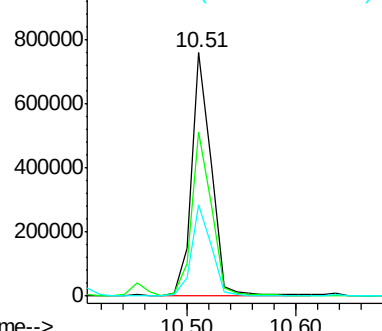
167 37.6 29.5 44.3

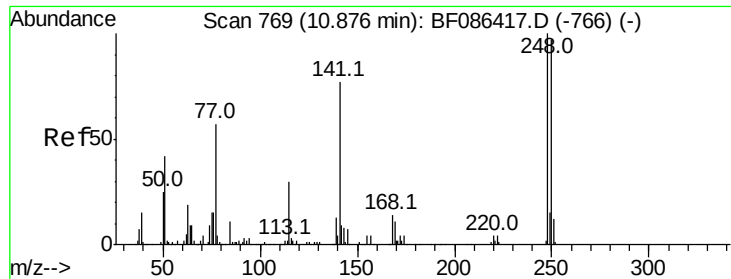


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





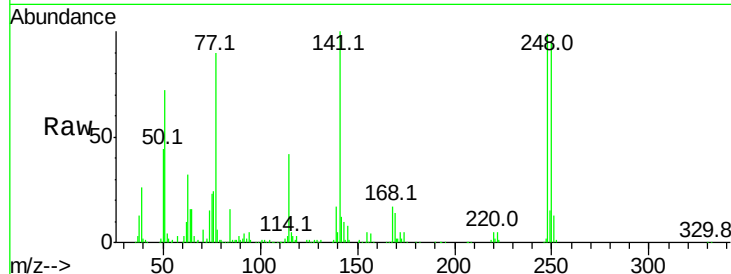
#66
4-Bromophenyl-phenylether
Concen: 76.73 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

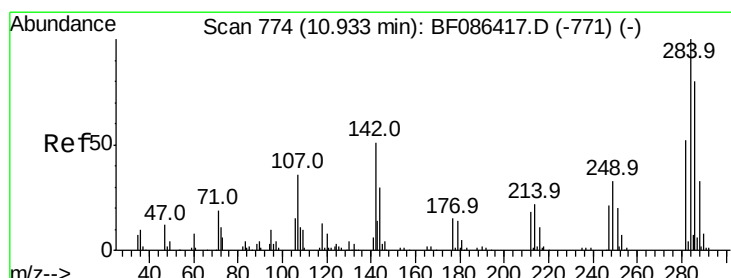
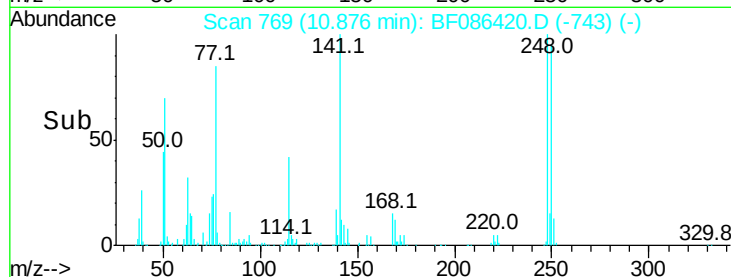
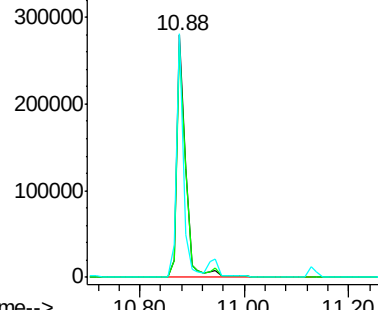
Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.3	78.6	117.8	
141	100.7	76.0	114.0	

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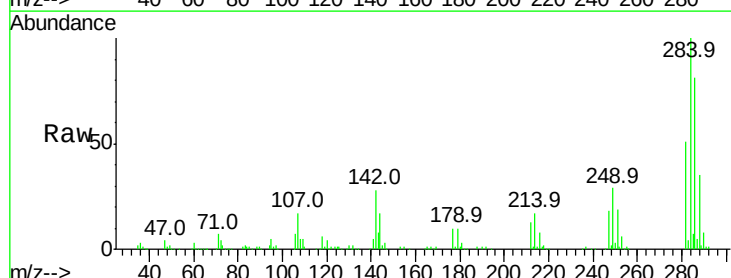


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

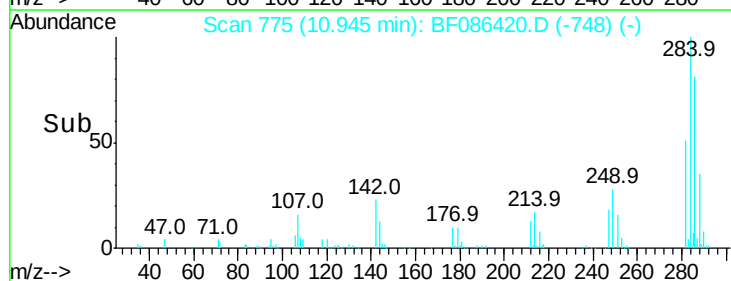
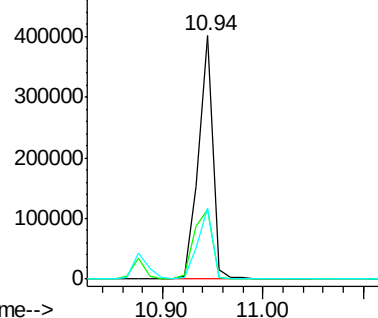


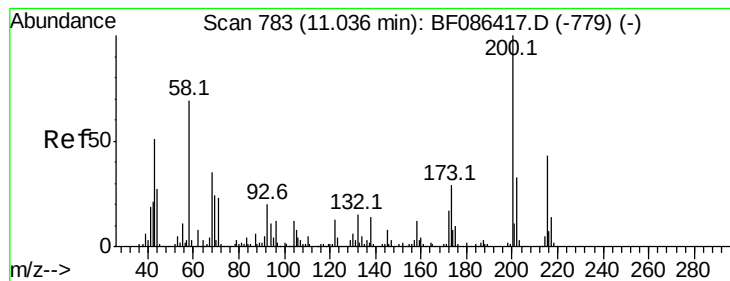
#67
Hexachlorobenzene
Concen: 87.95 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.4	16.7	25.1#	
249	29.2	21.3	31.9	



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: 72.92 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

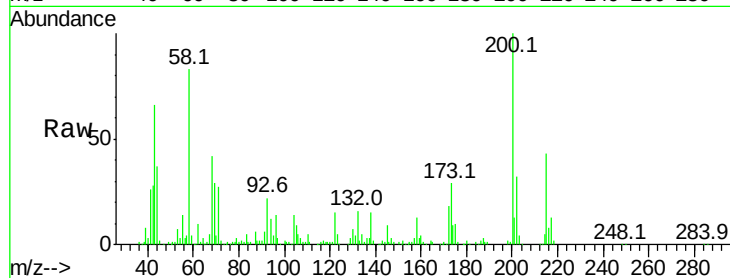
ClientSampleId :

SSTDIC080

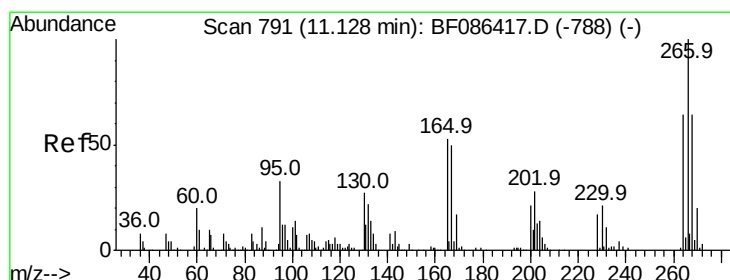
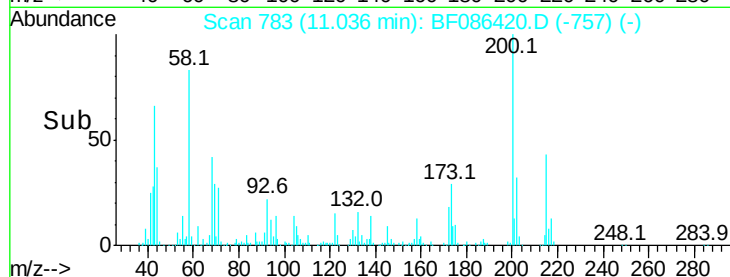
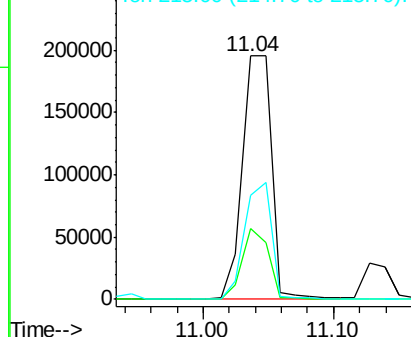
Tot Ion:	200	Resp:	303521
Ion Ratio	Lower	Upper	
200	100		
173	29.1	8.5	48.5
215	42.9	27.2	67.2

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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: 86.57 ng

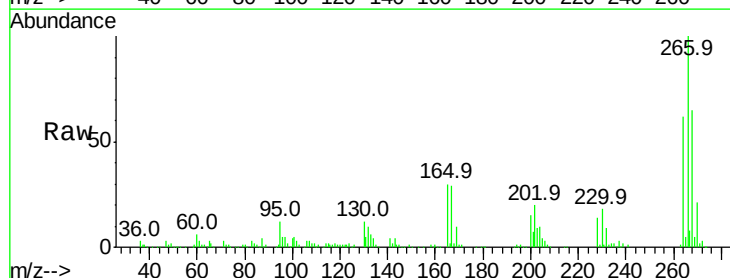
RT: 11.14 min Scan# 792

Delta R.T. 0.01 min

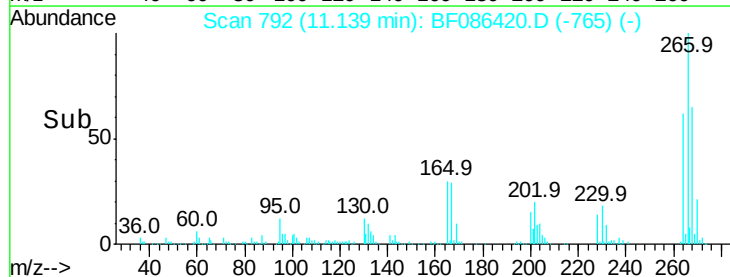
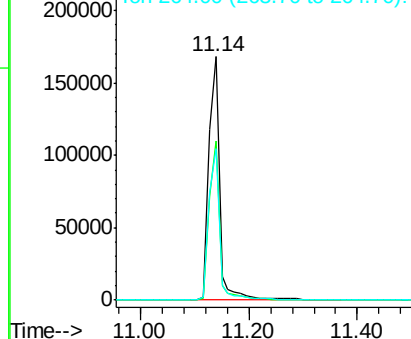
Lab File: BF086420.D

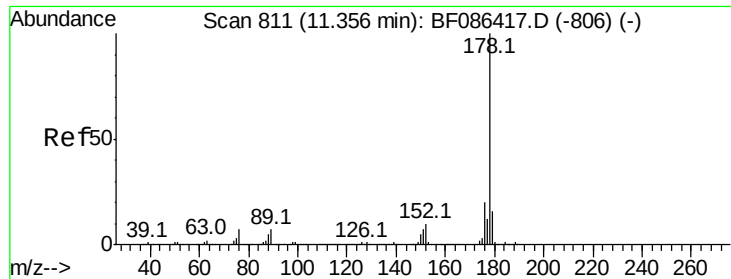
Acq: 27 Apr 2016 13:19

Tgt Ion:	266	Resp:	232190
Ion Ratio	Lower	Upper	
266	100		
268	65.2	51.5	77.3
264	62.0	52.9	79.3



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: 72.97 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:178 Resp: 1602907

Ion Ratio Lower Upper

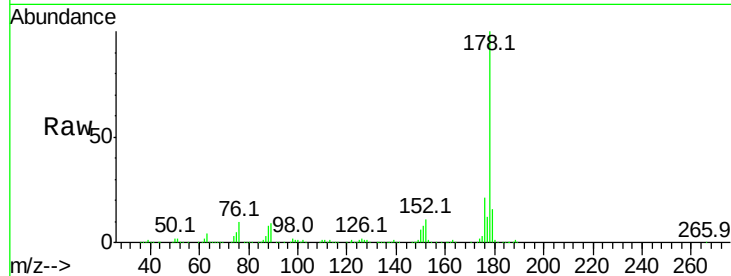
178 100

176 20.8 16.0 24.0

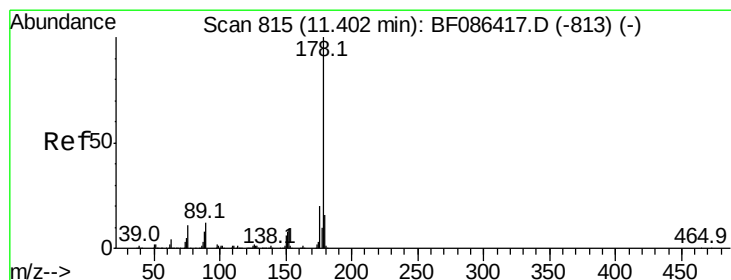
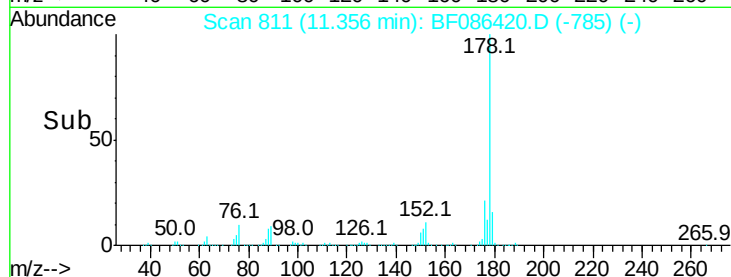
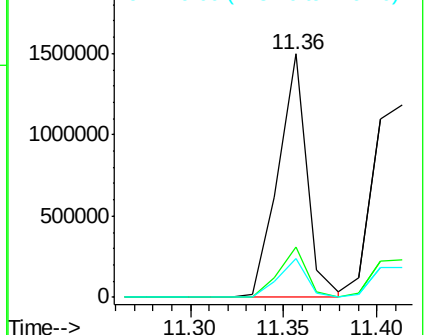
179 15.8 12.6 18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 72.69 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

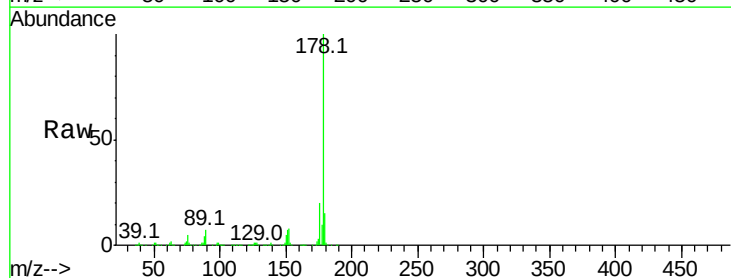
Tgt Ion:178 Resp: 1829690

Ion Ratio Lower Upper

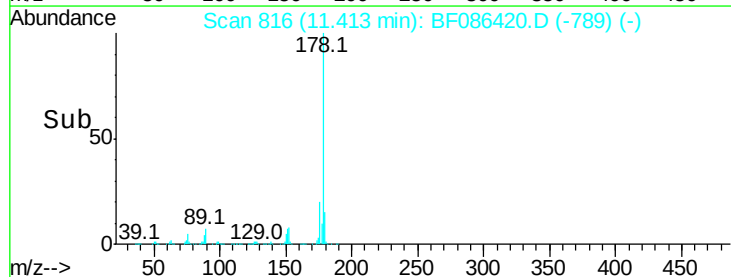
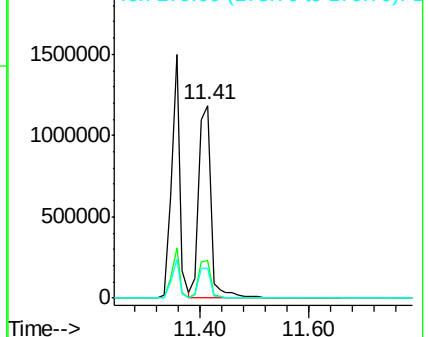
178 100

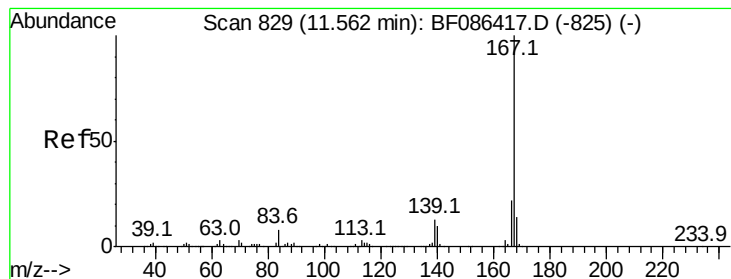
176 19.5 15.6 23.4

179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 65.53 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:167 Resp: 1549154

Ion Ratio Lower Upper

167 100

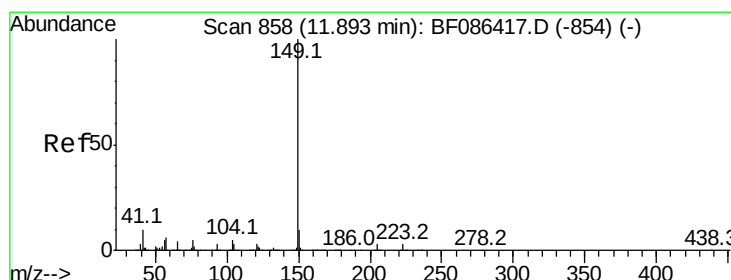
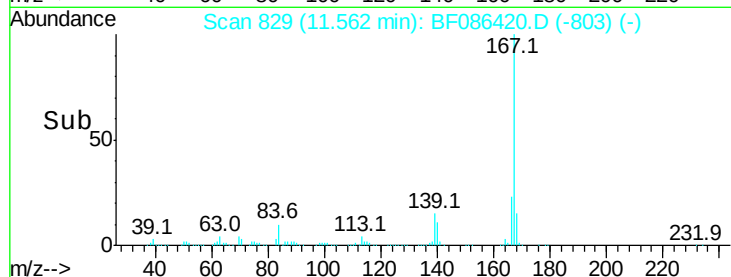
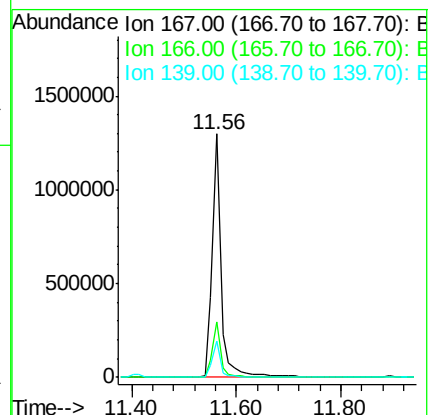
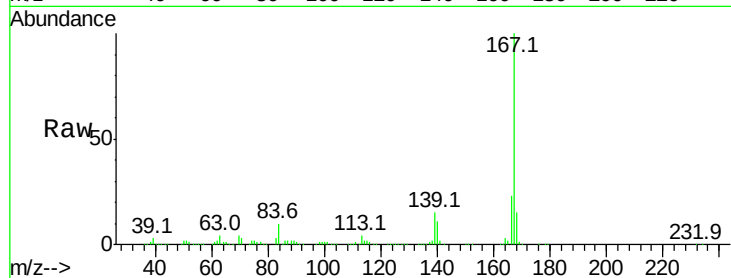
166 22.5 17.7 26.5

139 14.7 10.8 16.2

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#73

Di-n-butylphthalate

Concen: 67.17 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

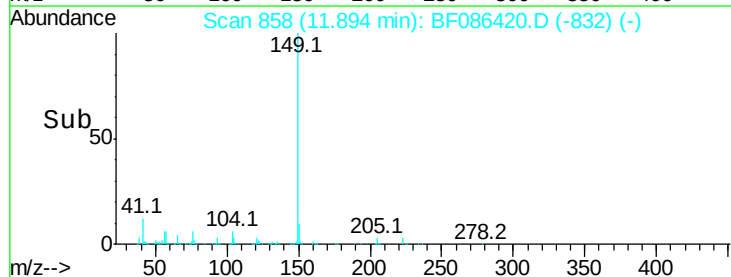
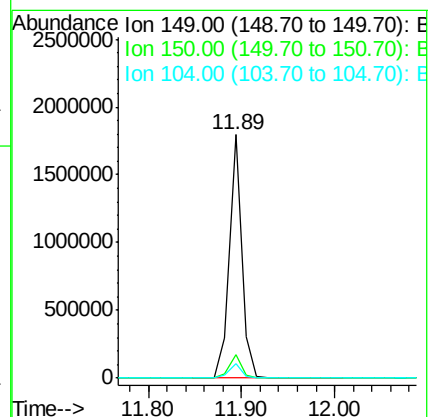
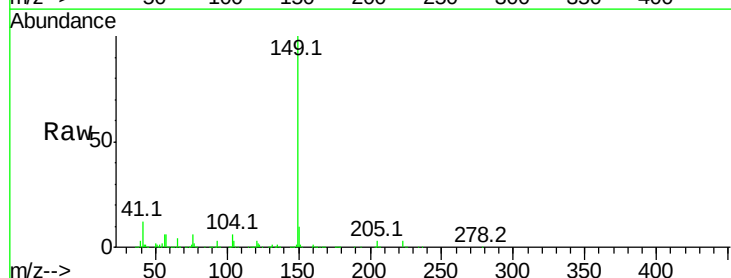
Tgt Ion:149 Resp: 1670579

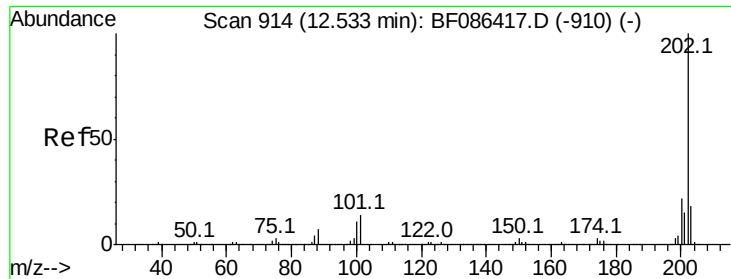
Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

104 6.0 3.8 5.6#





#74

Fluoranthene

Concen: 70.45 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:202 Resp: 1669043

Ion Ratio Lower Upper

202 100

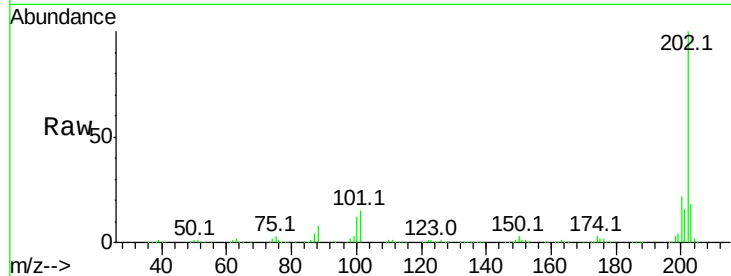
101 15.1 0.0 35.4

203 18.2 0.0 38.1

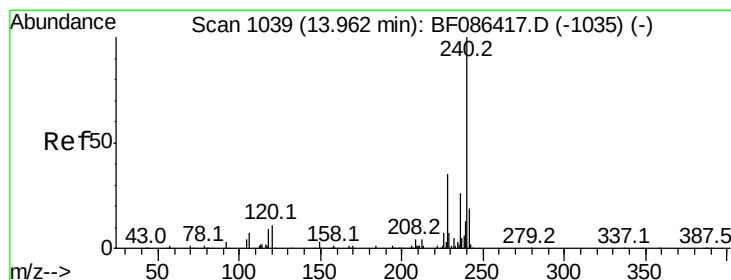
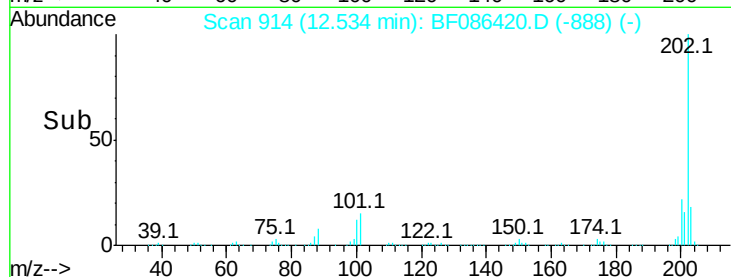
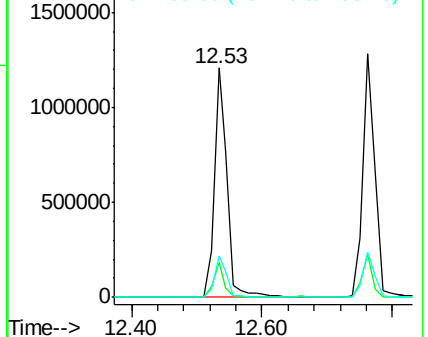
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

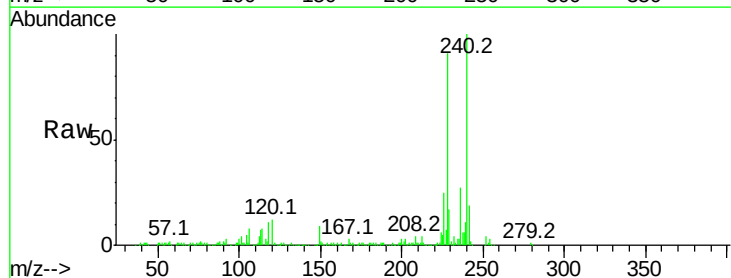
Tgt Ion:240 Resp: 312376

Ion Ratio Lower Upper

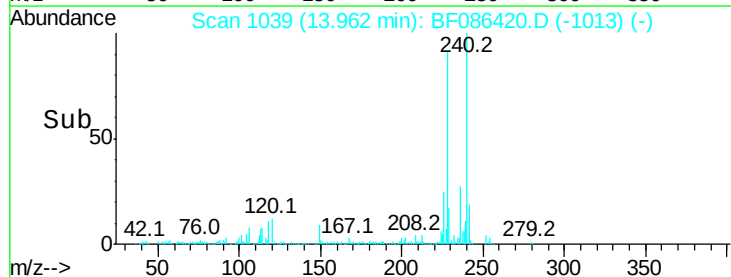
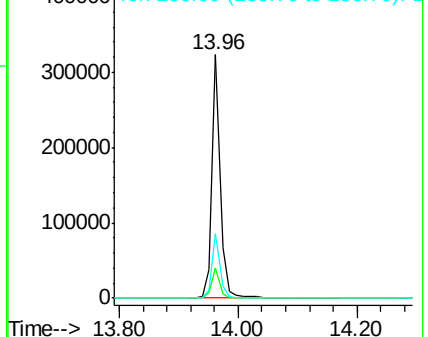
240 100

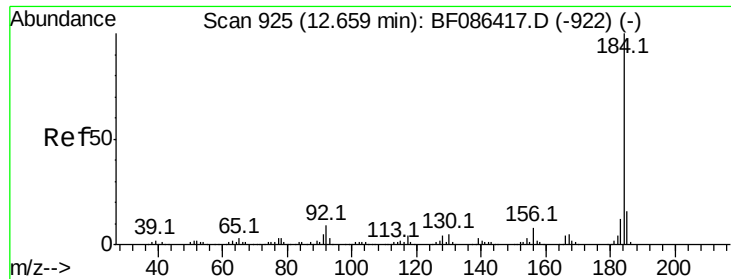
120 12.4 11.2 16.8

236 26.6 21.2 31.8



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





#76

Benzidine

Concen: 55.81 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 714918

Ion Ratio Lower Upper

184 100

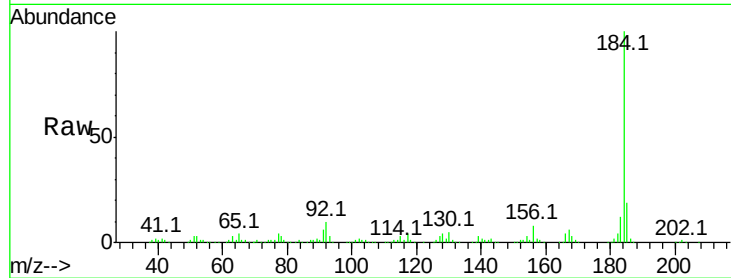
185 19.1 13.6 20.4

183 12.2 9.8 14.6

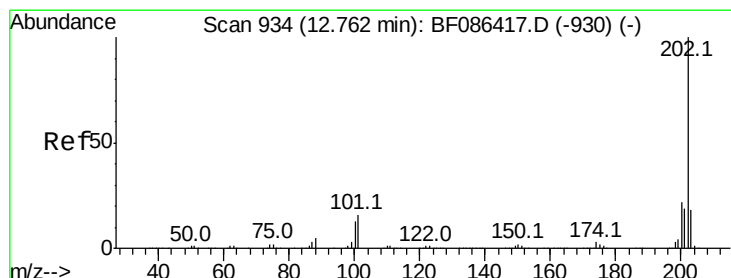
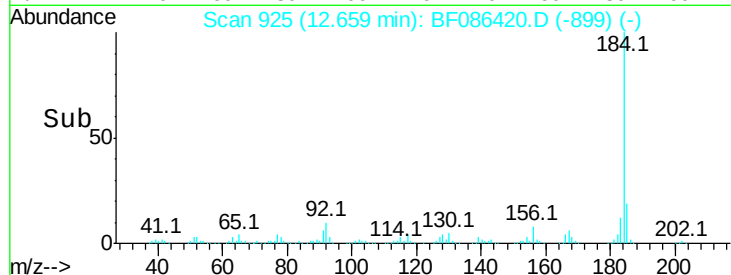
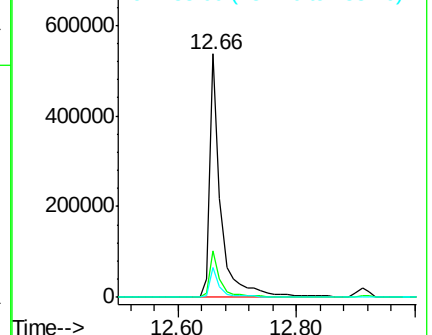
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 73.80 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

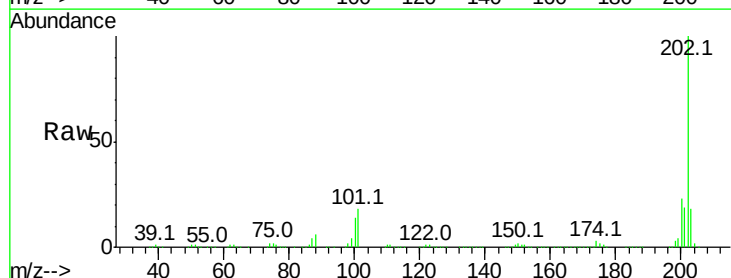
Tgt Ion:202 Resp: 1607775

Ion Ratio Lower Upper

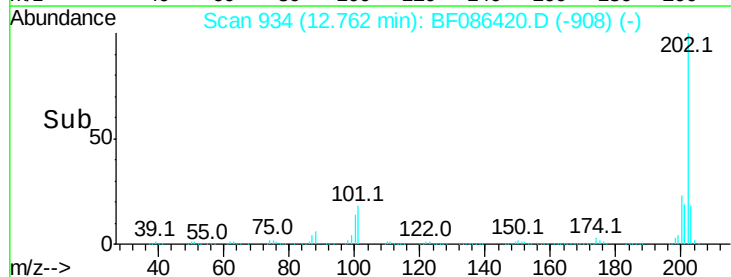
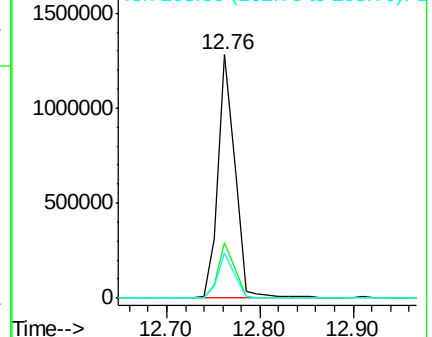
202 100

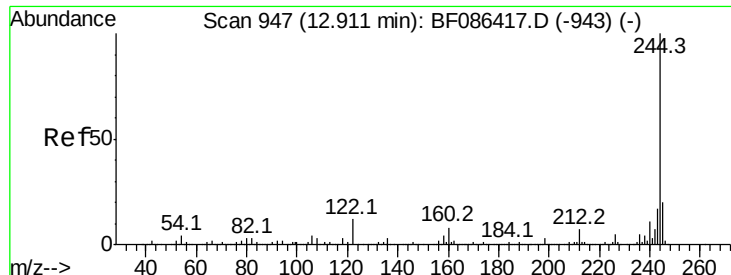
200 22.6 17.7 26.5

203 18.5 14.2 21.4



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





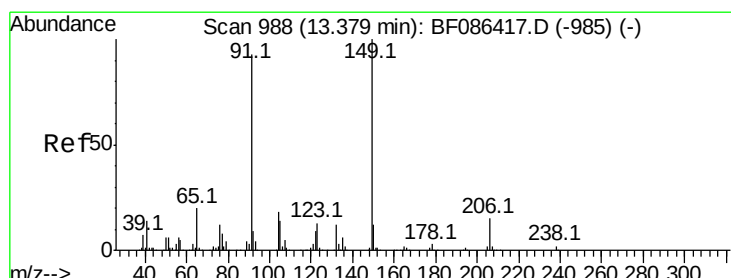
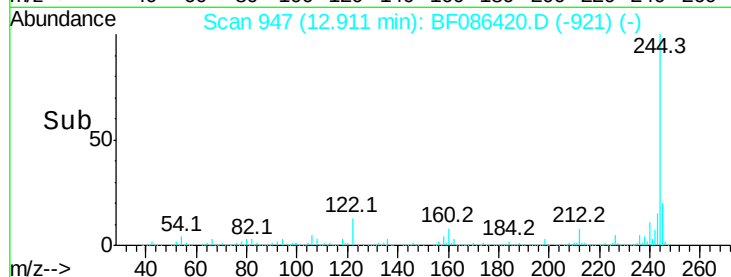
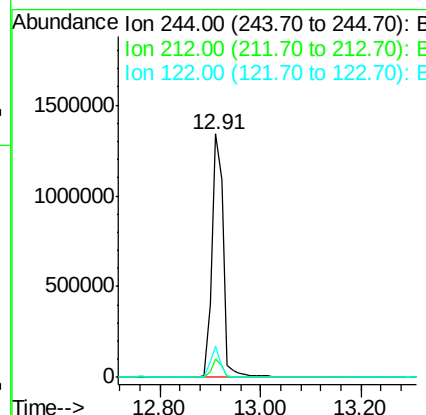
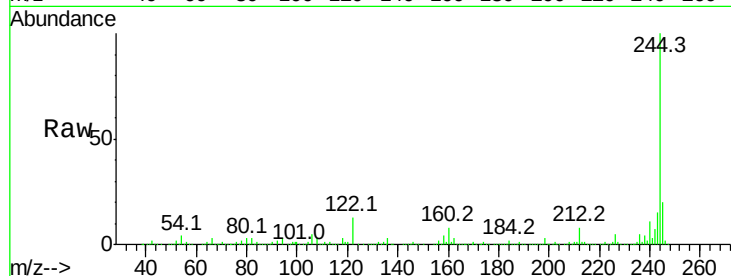
#78
 Terphenyl-d14
 Concen: 166.45 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.9	12.0	18.0

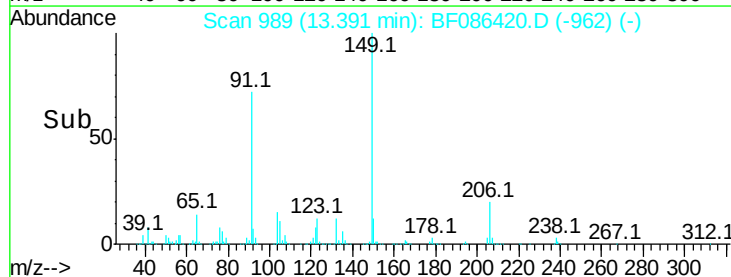
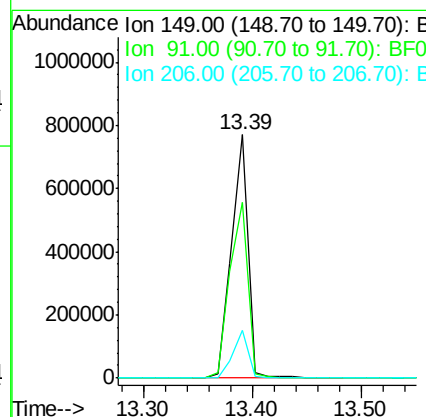
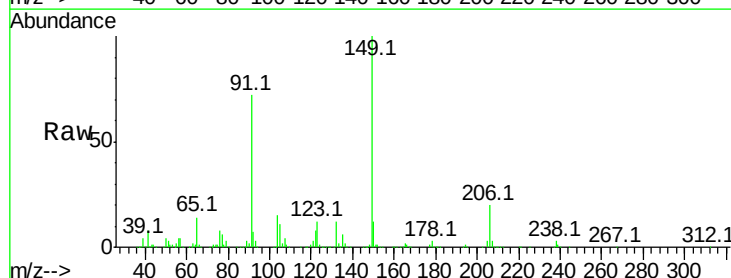
Manual Integrations
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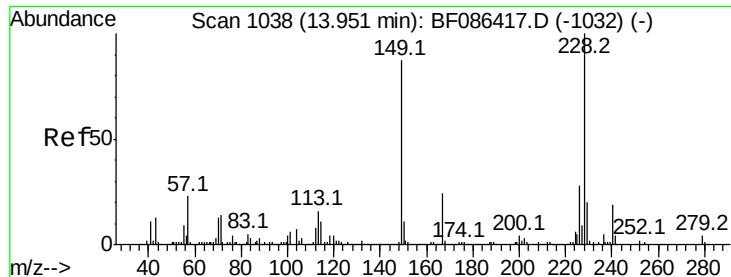
sohil
 4/28/2016 1:39:58 PM



#79
 Butylbenzylphthalate
 Concen: 80.13 ng
 RT: 13.39 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF086420.D
 Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.4	48.0	72.0#
206	19.7	15.8	23.6





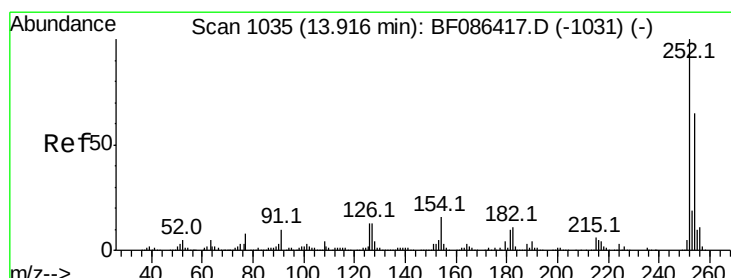
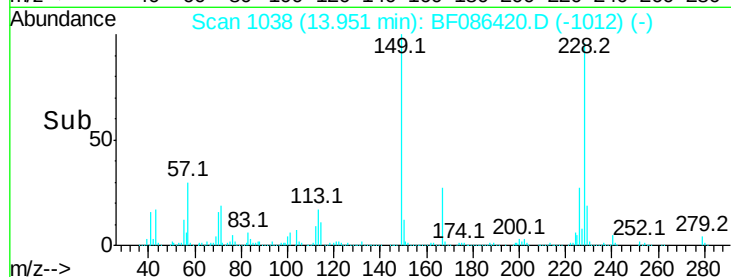
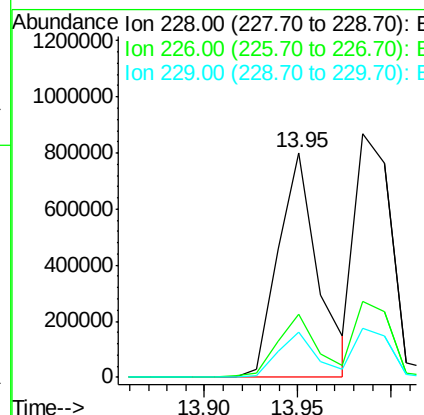
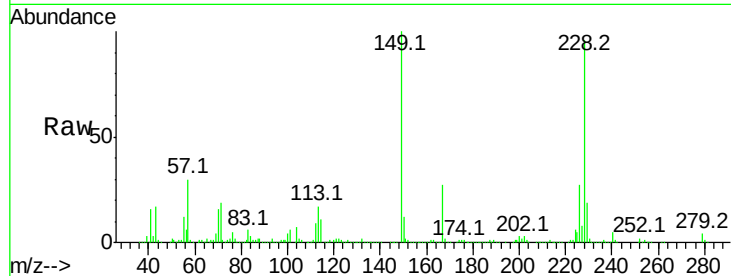
#80
Benzo(a)anthracene
Concen: 73.30 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	19.8	16.6	25.0

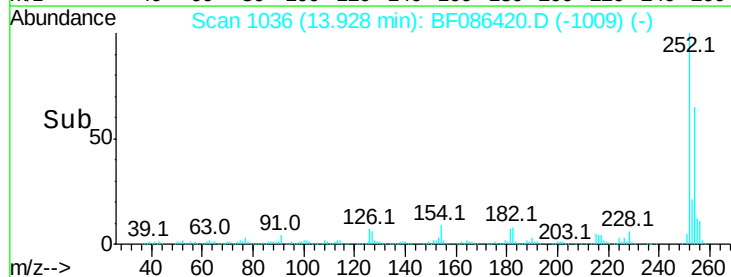
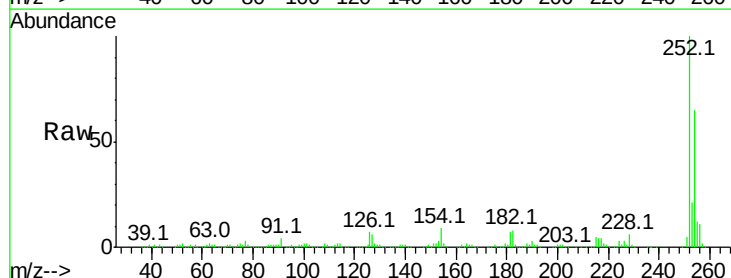
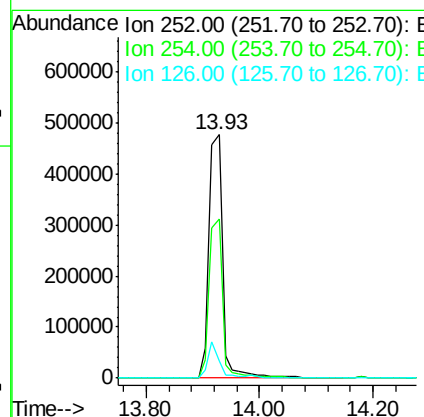
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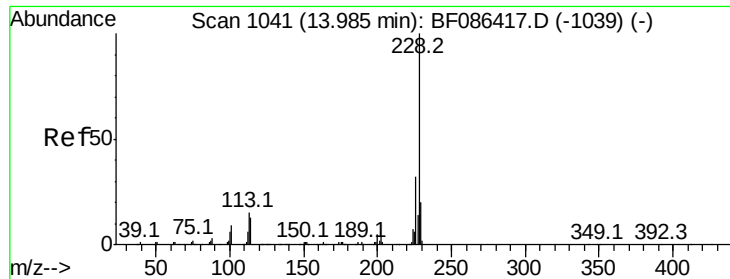
sohil
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#81
3,3'-Dichlorobenzidine
Concen: 68.56 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.7	76.1
126	6.8	12.7	19.1





#82

Chrysene

Concen: 67.34 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

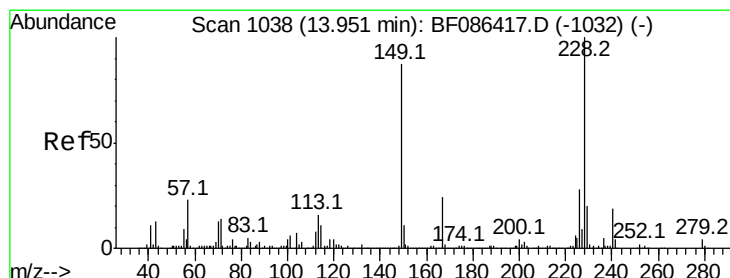
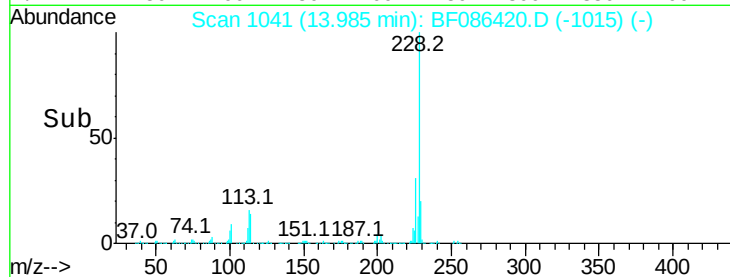
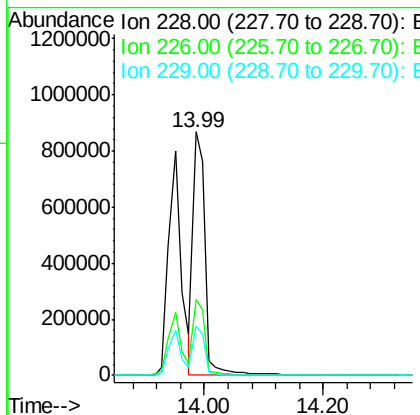
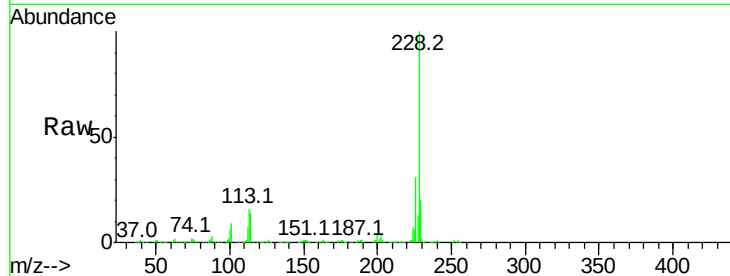
ClientSampleId :

SSTDICC080

Tot Ion:	228	Resp:	1230267
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.3	15.8	23.8

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 77.03 ng

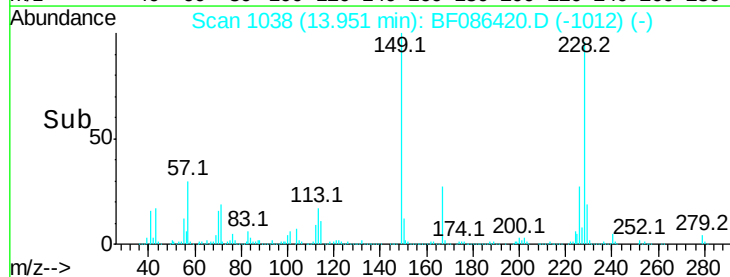
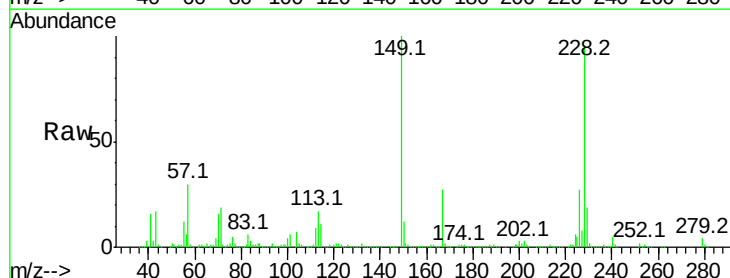
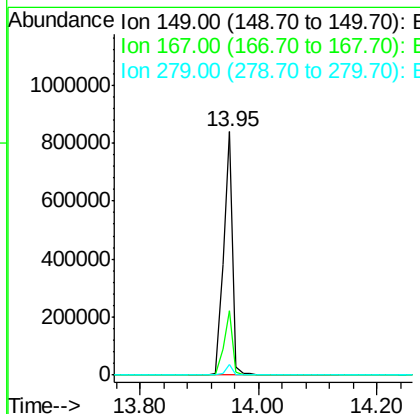
RT: 13.95 min Scan# 1038

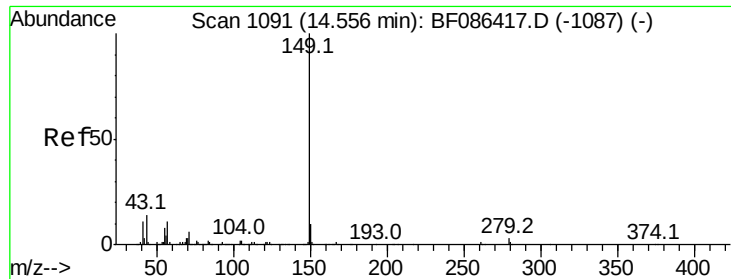
Delta R.T. 0.00 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion:	149	Resp:	875420
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.6
279	4.2	2.6	4.0#





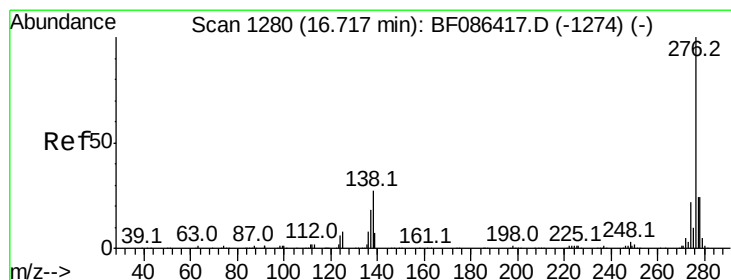
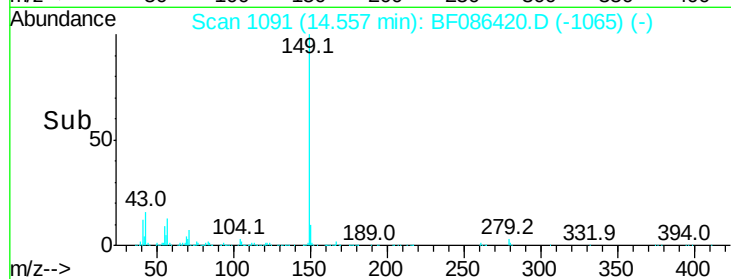
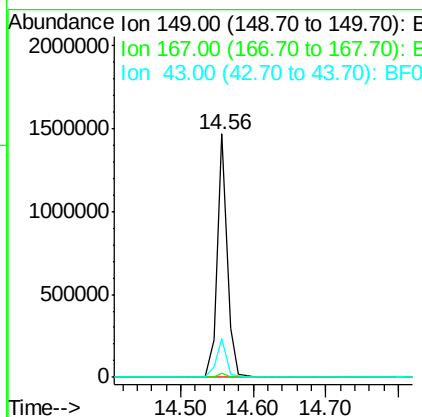
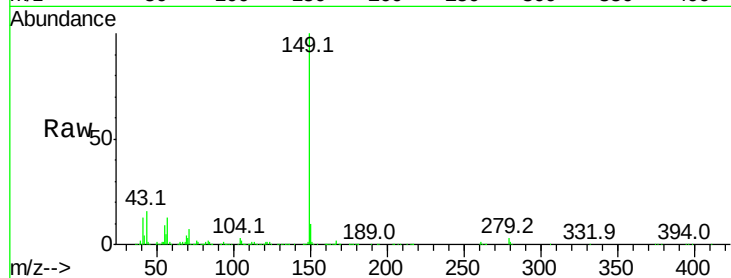
#84
Di-n-octyl phthalate
Concen: 64.09 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	16.0	8.2	12.4

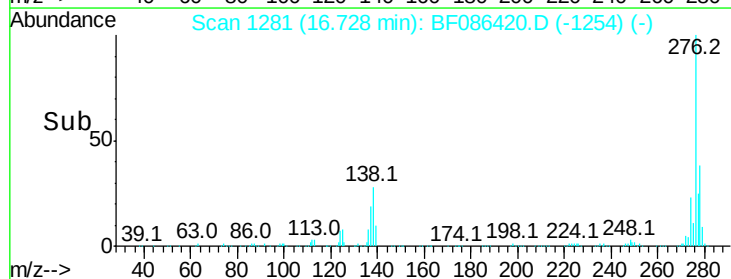
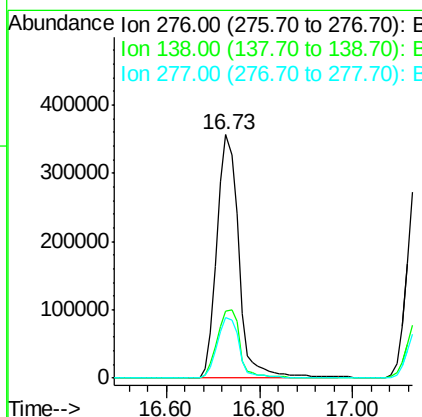
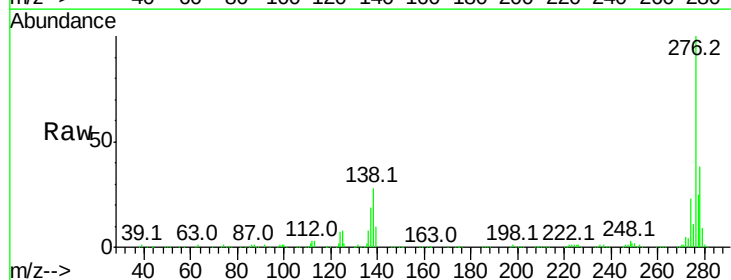
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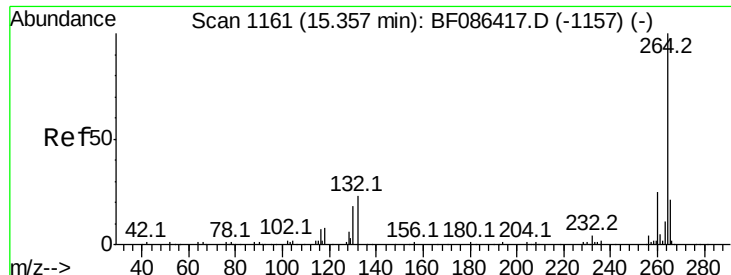
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#85
Indeno(1,2,3-cd)pyrene
Concen: 71.75 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.6	38.4
277	25.5	20.5	30.7





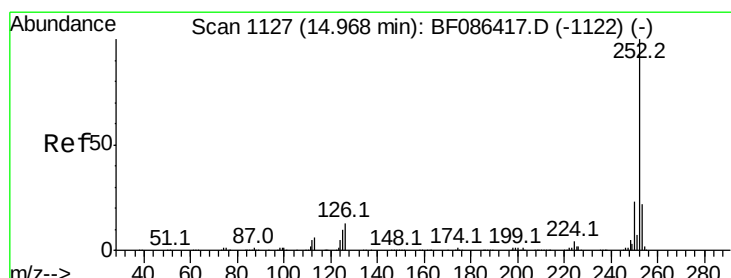
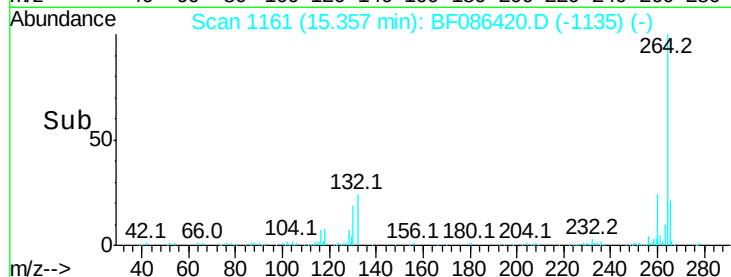
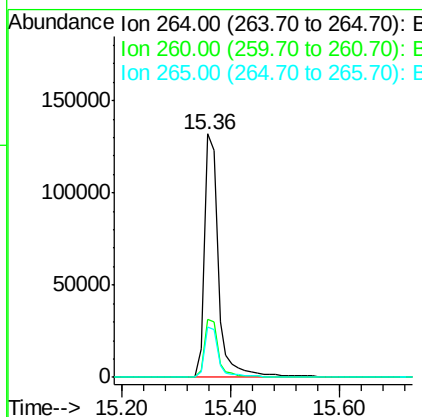
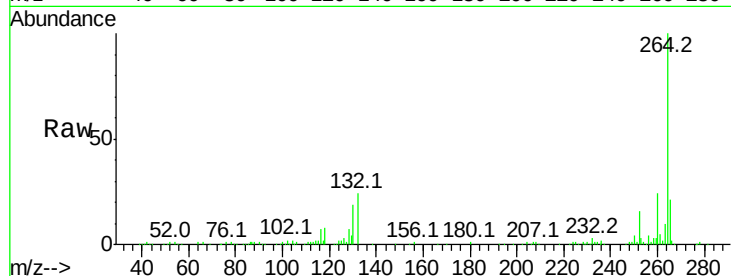
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.7	17.3	25.9

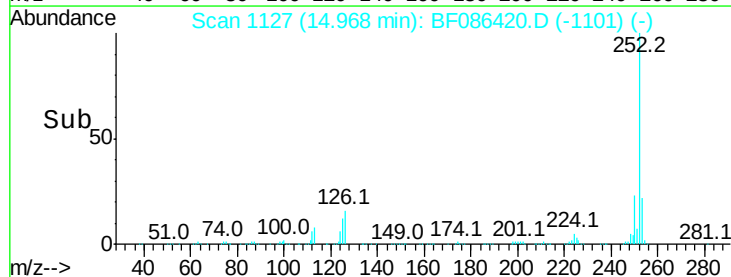
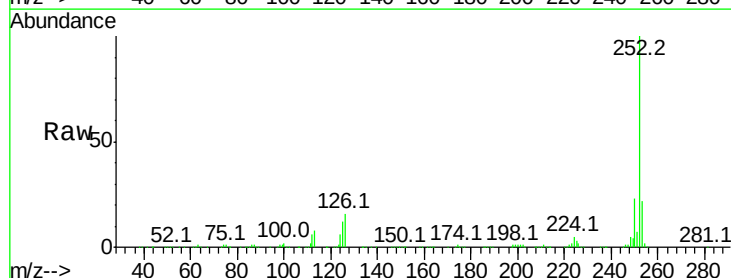
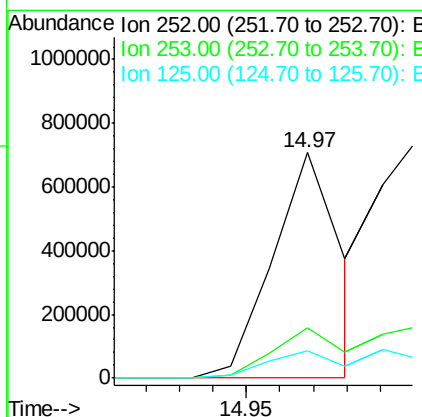
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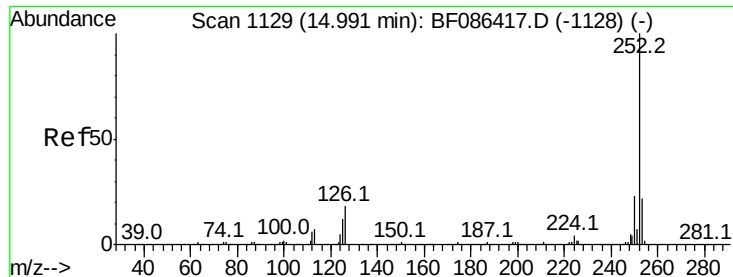
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#87
Benzo(b)fluoranthene
Concen: 77.60 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	12.0	11.4	17.0





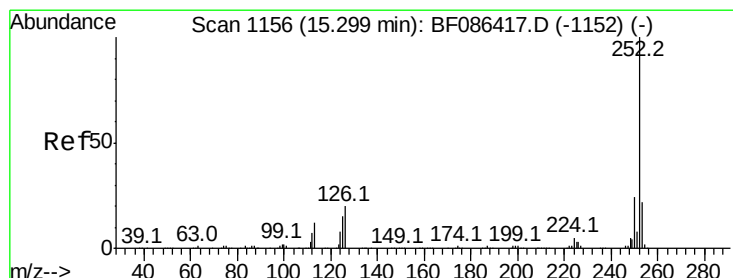
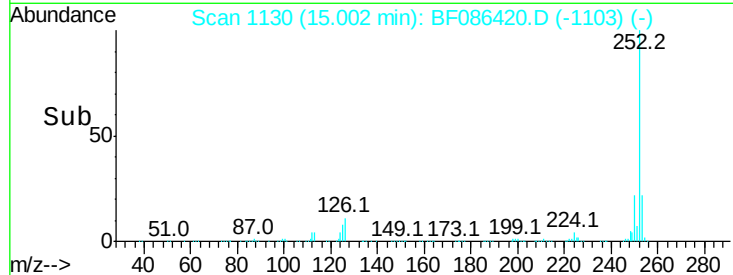
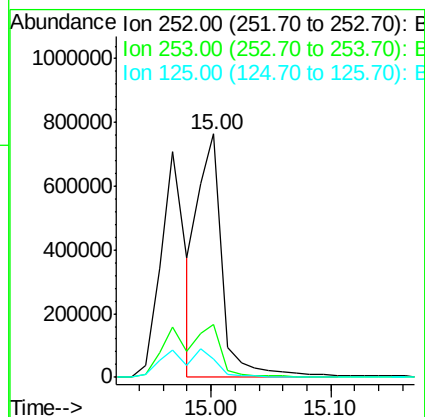
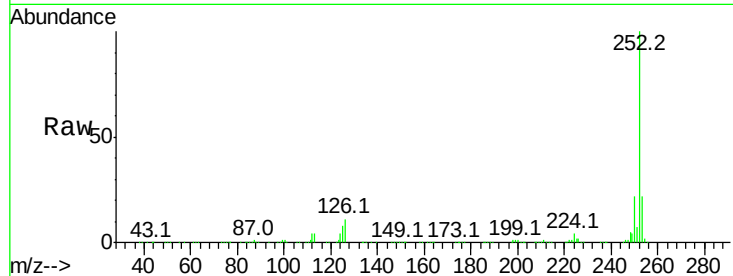
#88
Benzo(k)fluoranthene
Concen: 87.70 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	7.7	9.1	13.7

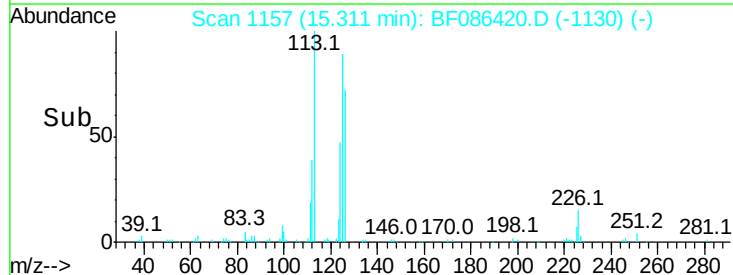
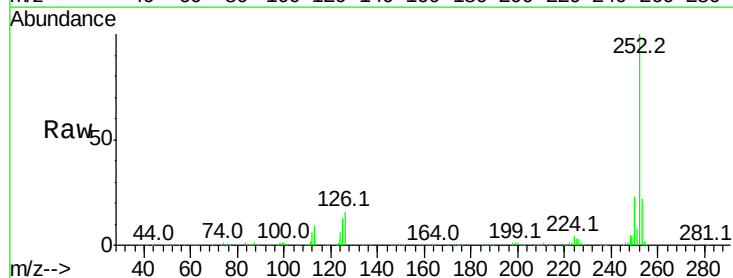
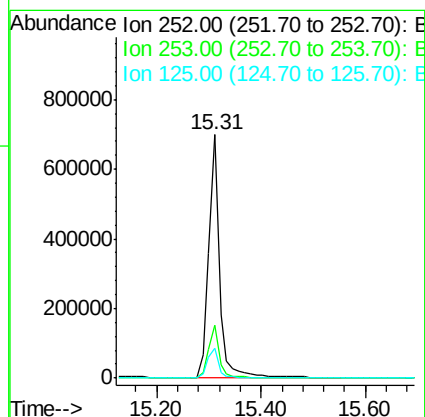
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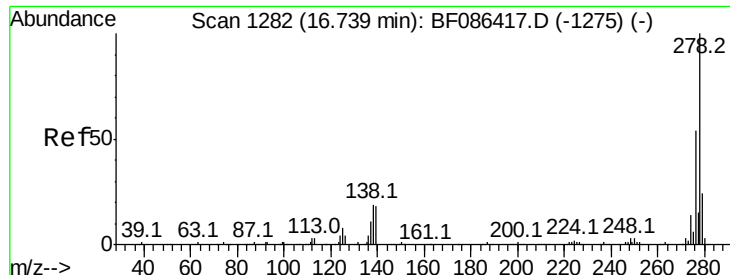
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#89
Benzo(a)pyrene
Concen: 78.35 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF086420.D
Acq: 27 Apr 2016 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	12.5	9.0	13.6





#90

Dibenzo(a,h)anthracene

Concen: 91.58 ng

RT: 16.75 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Instrument :

BNA_F

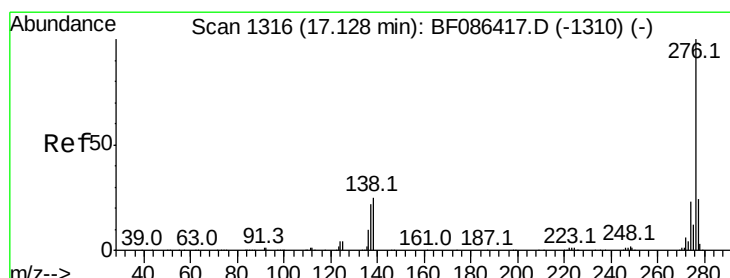
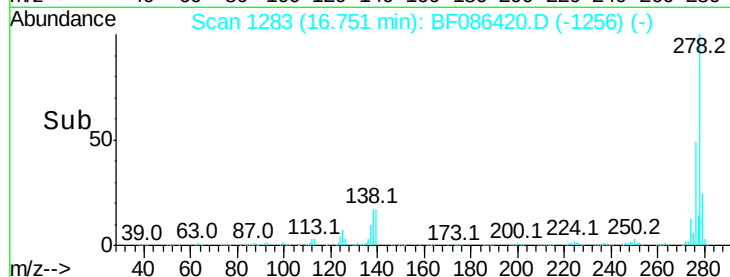
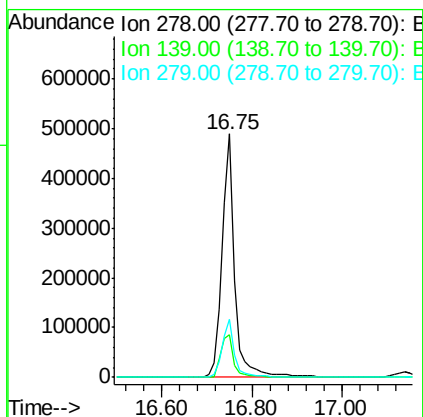
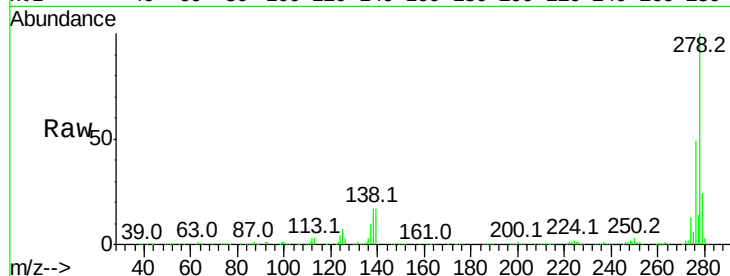
ClientSampleId :

SSTDIC080

Tot Ion:	278	Resp:	963295
Ion Ratio	Lower	Upper	
278	100		
139	17.5	16.6	24.8
279	23.9	19.6	29.4

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 91.71 ng

RT: 17.14 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF086420.D

Acq: 27 Apr 2016 13:19

Tgt Ion:	276	Resp:	995778
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.6	29.4
138	27.1	23.6	35.4

