

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086216.D
 Acq On : 15 Apr 2016 14:49
 Operator : UM/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
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Quant Time: Apr 15 16:03:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 14:57:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	261840	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1099625	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	469894	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	853878	20.00	ng	0.00
75) Chrysene-d12	14.04	240	660601	20.00	ng	-0.01
86) Perylene-d12	15.48	264	480921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	100135	3.13	ng	-0.01
7) Phenol-d6	6.50	99	133526	3.34	ng	-0.02
23) Nitrobenzene-d5	7.45	82	111088	2.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	24234	3.21	ng	-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	25801	2.93	ng	94
3) Pyridine	3.32	79	52804	2.30	ng	93
4) n-Nitrosodimethylamine	3.20	42	21832	2.63	ng	# 58
6) Aniline	6.54	93	82632	2.87	ng	98
8) 2-Chlorophenol	6.67	128	54792	3.03	ng	# 80
9) Benzaldehyde	6.43	77	38066	2.68	ng	91
10) Phenol	6.51	94	73308	3.08	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	51351	2.87	ng	99
12) 1,3-Dichlorobenzene	6.83	146	60089	3.13	ng	95
15) Benzyl Alcohol	7.02	79	40301	2.84	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	76711	2.75	ng	97
17) 2-Methylphenol	7.14	107	39623	2.63	ng	# 92
18) Hexachloroethane	7.41	117	19353	2.81	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	39077	3.05	ng	93
22) Acetophenone	7.30	105	78528	3.39	ng	# 92
24) Nitrobenzene	7.47	77	57883	2.78	ng	98
25) Isophorone	7.71	82	108514	2.87	ng	99
26) 2-Nitrophenol	7.79	139	19692	2.17	ng	# 85
27) 2,4-Dimethylphenol	7.82	122	56625	3.09	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	69491	3.12	ng	96
29) 2,4-Dichlorophenol	8.03	162	37403	2.68	ng	92
30) 1,2,4-Trichlorobenzene	8.12	180	46045	3.15	ng	97
33) 4-Chloroaniline	8.25	127	63445	2.89	ng	# 88
34) Hexachlorobutadiene	8.33	225	21804	2.98	ng	99
35) Caprolactam	8.57	113	11520	2.28	ng	# 67
36) 4-Chloro-3-methylphenol	8.72	107	45423	2.81	ng	98
37) 2-Methylnaphthalene	8.89	142	99164	3.12	ng	97
40) Hexachlorocyclopentadiene	9.05	237	15513	2.80	ng	99
42) 2,4,6-Trichlorophenol	9.16	196	27229	2.94	ng	96
43) 2,4,5-Trichlorophenol	9.20	196	25819	2.89	ng	95
47) 2-Nitroaniline	9.47	65	18715	2.09	ng	# 47
49) Dimethylphthalate	9.65	163	103792	3.04	ng	100
50) 2,6-Dinitrotoluene	9.71	165	18859	2.49	ng	93
52) 3-Nitroaniline	9.87	138	25339	2.76	ng	# 96

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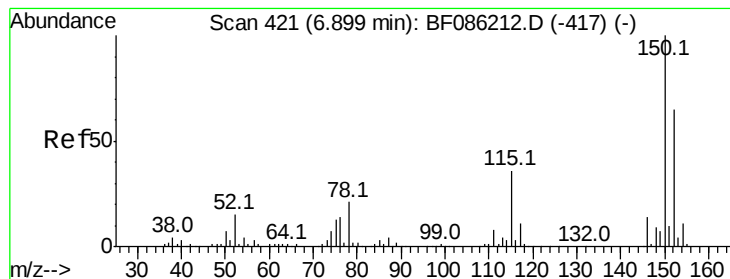
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 4-Nitrophenol	10.02	139	15685	2.18	nq	# 77
56) 2,4-Dinitrotoluene	10.11	165	21205	2.19	nq	# 91
57) Fluorene	10.48	166	109114	4.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	19974m	3.17	nq	
59) Diethylphthalate	10.35	149	117487	3.33	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	47425	3.99	nq	# 88
61) 4-Nitroaniline	10.48	138	22389	2.82	nq	87
62) Azobenzene	10.62	77	97904	2.84	nq	89
65) n-Nitrosodiphenylamine	10.59	169	80652	3.08	nq	98
66) 4-Bromophenyl-phenylether	10.97	248	24542	3.08	nq	# 81
68) Atrazine	11.10	200	21444	2.68	nq	95
69) Pentachlorophenol	11.21	266	10713	2.12	nq	94
71) Anthracene	11.48	178	141650	3.30	nq	97
73) Di-n-butylphthalate	11.98	149	144799	2.89	nq	# 97
74) Fluoranthene	12.62	202	144490	3.46	nq	92
77) Pyrene	12.85	202	145377	2.87	nq	96
80) Benzo(a)anthracene	14.03	228	111499	3.07	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	51454	2.45	nq	99
82) Chrysene	14.07	228	120372	3.11	nq	97
83) Bis(2-ethylhexyl)phthalate	14.04	149	59662	2.36	nq	99
87) Benzo(b)fluoranthene	15.06	252	91052	3.07	nq	# 97
88) Benzo(k)fluoranthene	15.09	252	71299m	2.53	nq	
89) Benzo(a)pyrene	15.41	252	62882m	2.79	nq	
90) Dibenzo(a,h)anthracene	16.90	278	52376	2.31	nq	97
91) Benzo(g,h,i)perylene	17.30	276	53604	2.22	nq	# 88

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



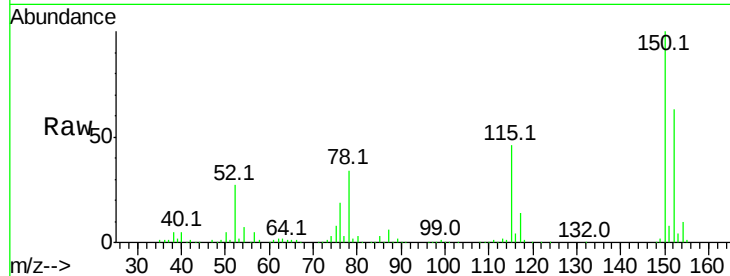
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Instrument :
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 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.1	186.1
115	72.6	43.9	65.9

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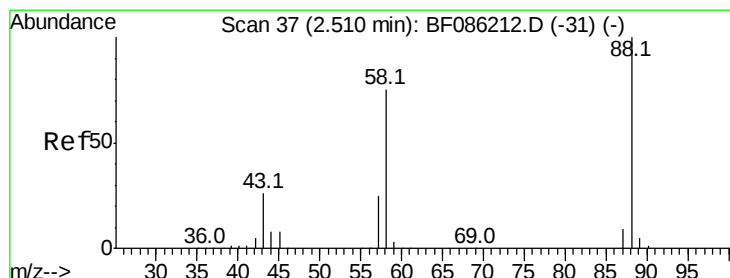
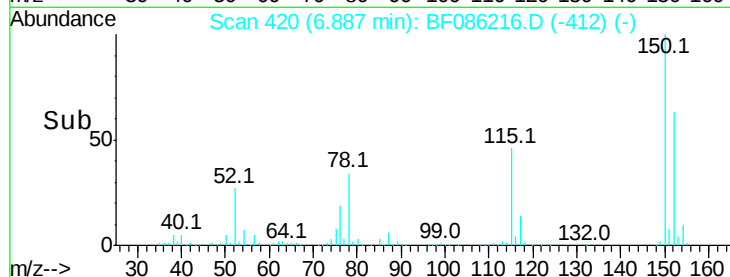
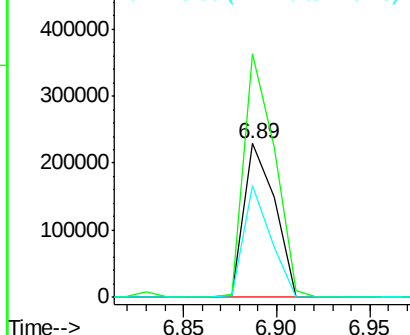


Abundance

Ion 152.00 (151.70 to 152.70): E

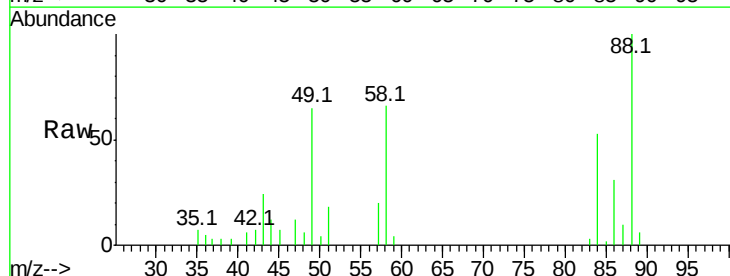
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 2.93 ng
 RT: 2.52 min Scan# 38
 Delta R.T. 0.01 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	58.4	87.6
43	25.5	23.3	34.9

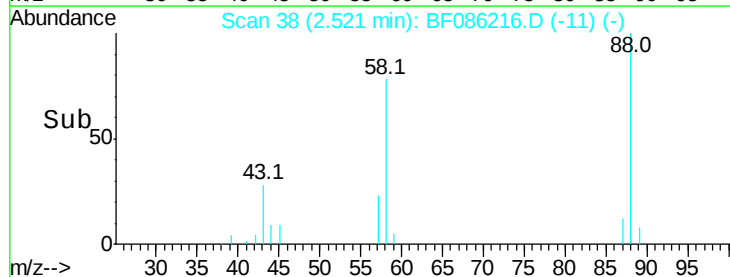
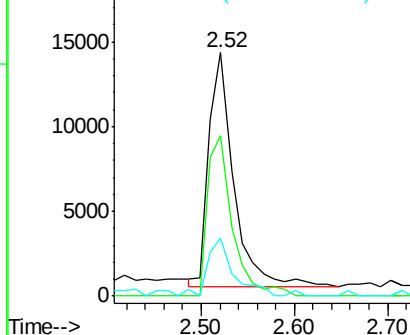


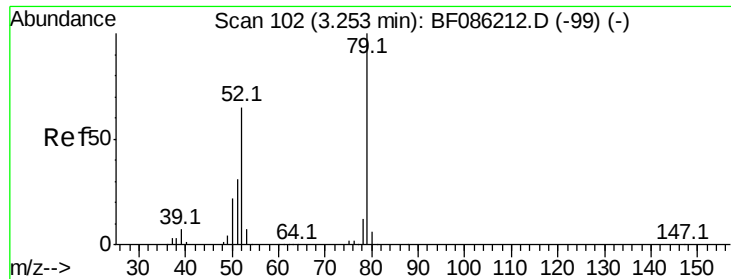
Abundance

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: 2.30 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

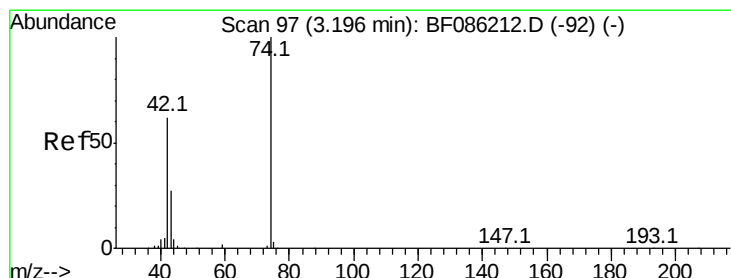
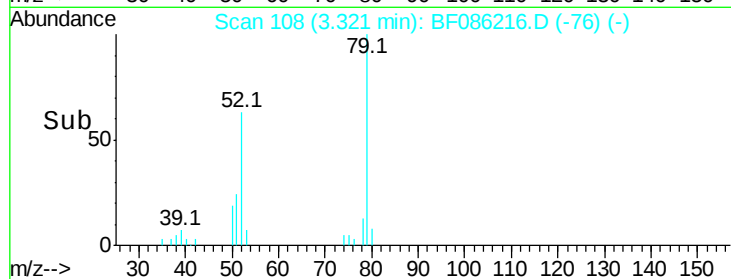
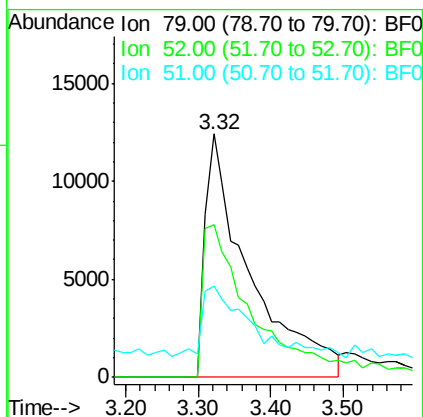
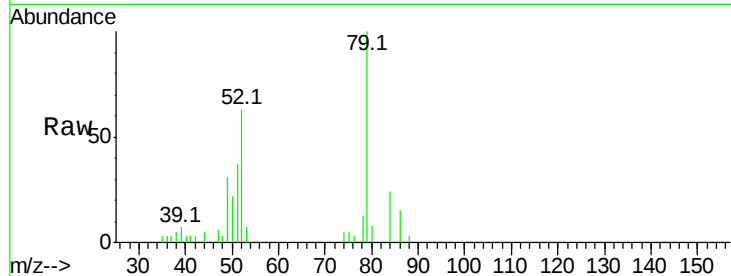
ClientSampleId :

SSTDICC2.5

Tot Ion:	79	Resp:	52804
Ion Ratio	Lower	Upper	
79	100		
52	62.9	55.4	83.2
51	37.3	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 2.63 ng

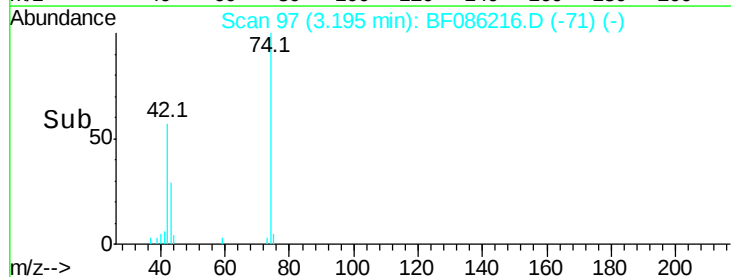
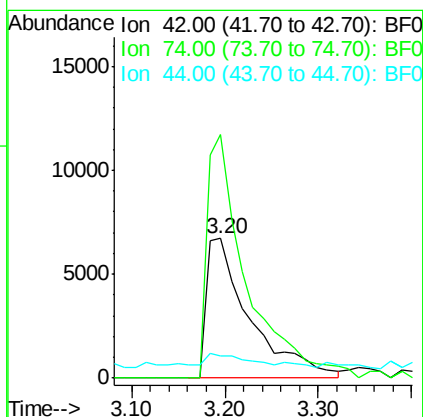
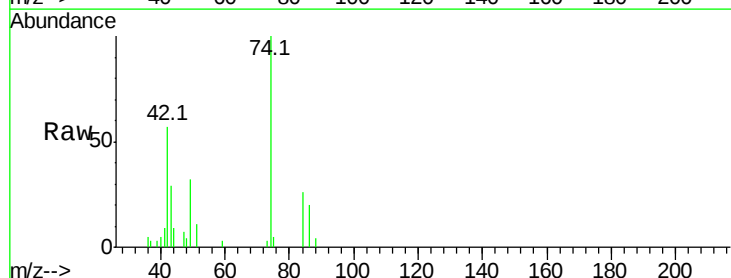
RT: 3.20 min Scan# 97

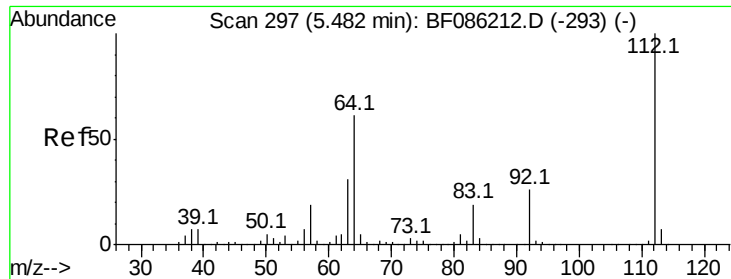
Delta R.T. -0.00 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:	42	Resp:	21832
Ion Ratio	Lower	Upper	
42	100		
74	174.5	100.5	150.7#
44	15.9	5.4	8.0#





#5

2-Fluorophenol

Concen: 3.13 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

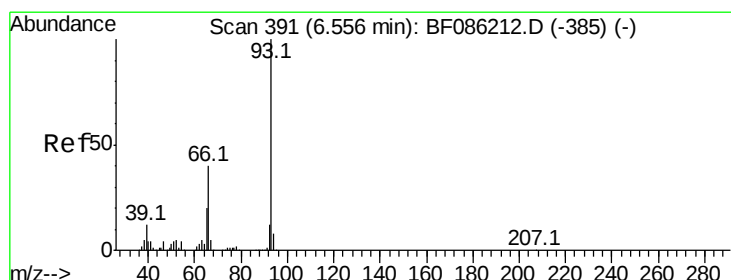
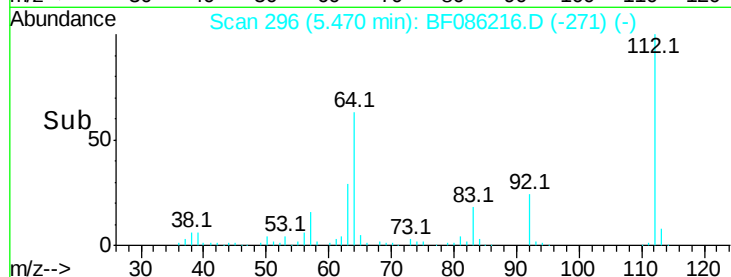
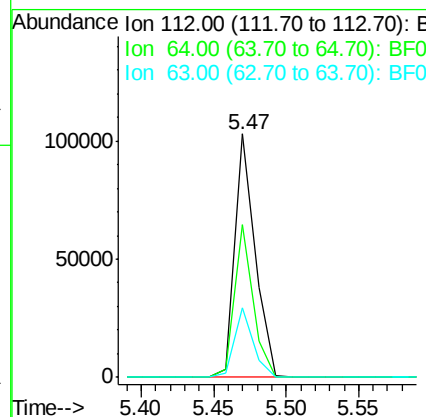
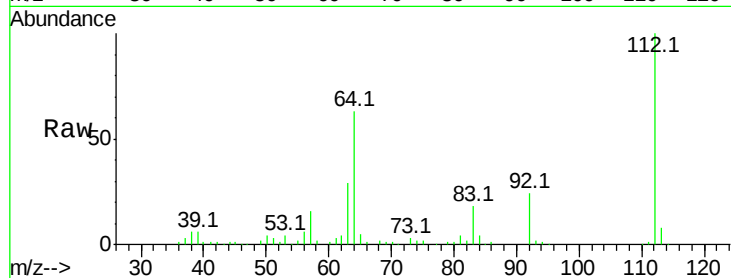
ClientSampleId :

SSTDICC2.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		100135		
64	62.6	48.1	72.1		
63	28.8	25.5	38.3		

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#6

Aniline

Concen: 2.87 ng

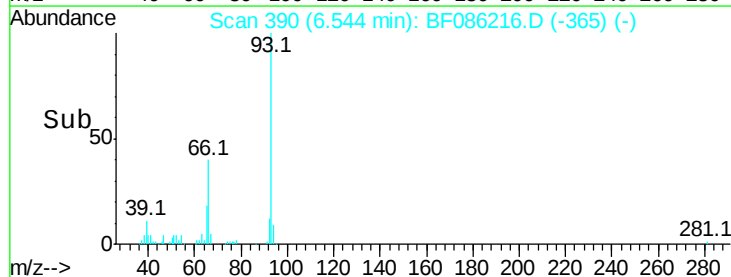
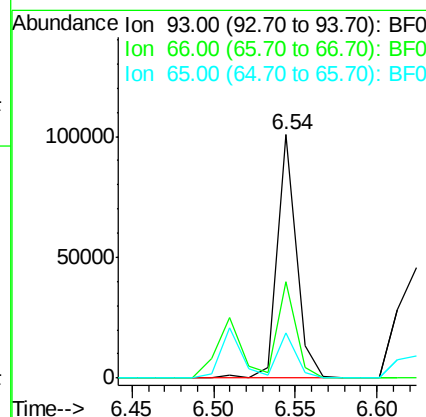
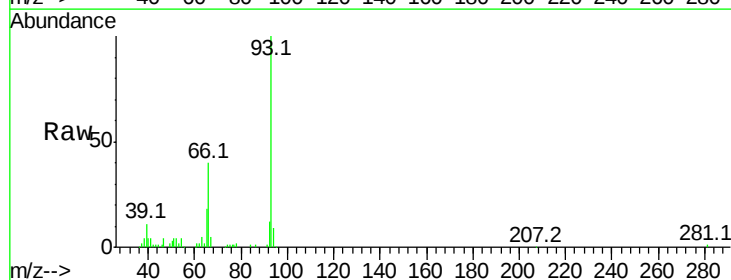
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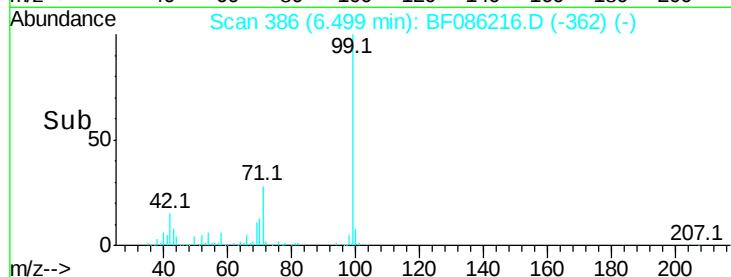
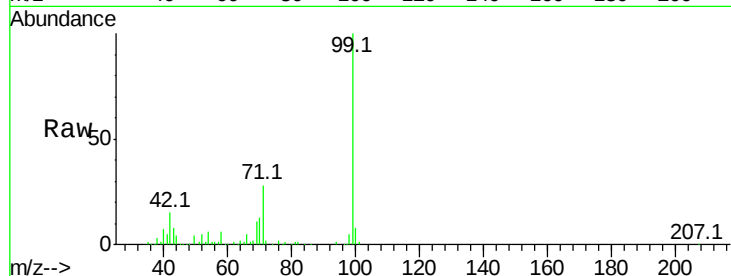
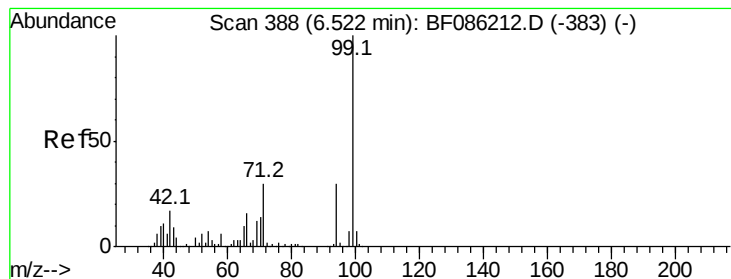
Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		82632		
66	39.9	32.2	48.2		
65	18.5	16.4	24.6		





#7

Phenol-d6

Concen: 3.34 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tot Ion:	99	Resp:	133526
Ion Ratio	Lower	Upper	
99	100		
42	15.3	15.4	23.2#
71	27.6	25.6	38.4

Instrument :

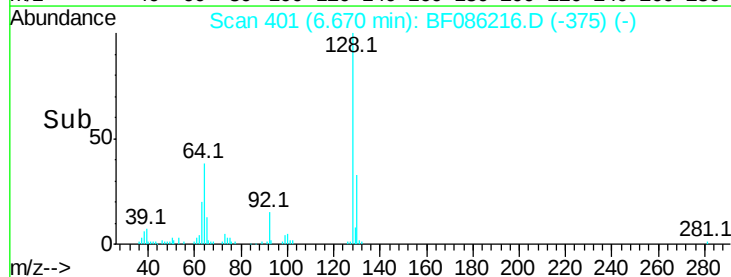
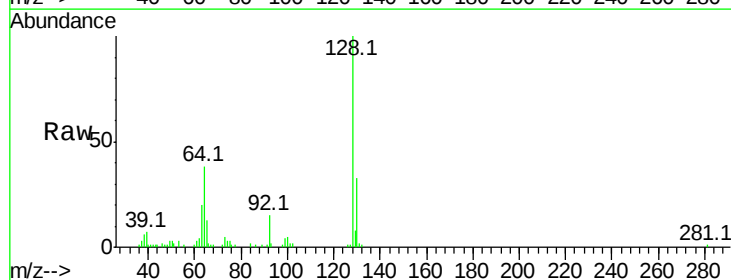
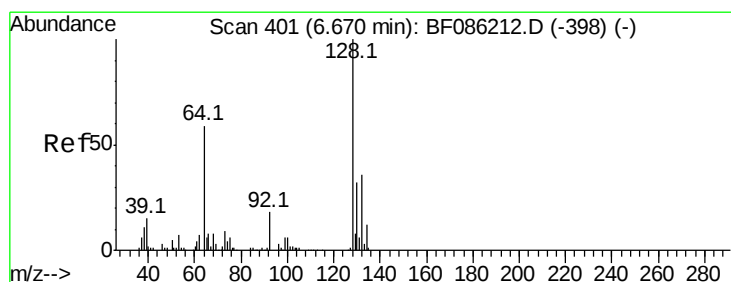
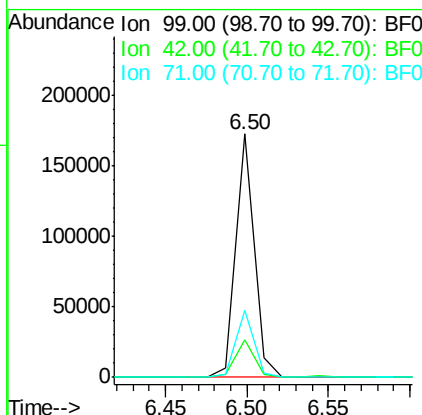
BNA_F

ClientSampleId :

SSTDICC2.5

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#8

2-Chlorophenol

Concen: 3.03 ng

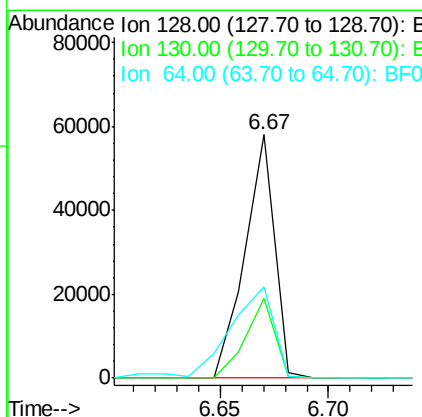
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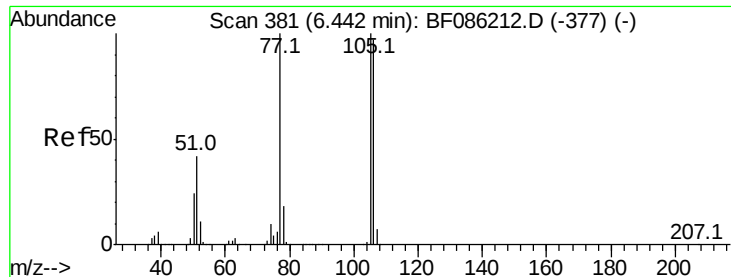
Delta R.T. -0.00 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:	128	Resp:	54792
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.8	51.8
64	37.6	39.5	79.5#





#9

Benzaldehyde

Concen: 2.68 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

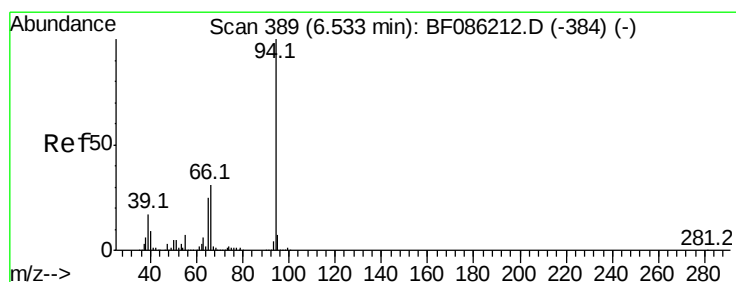
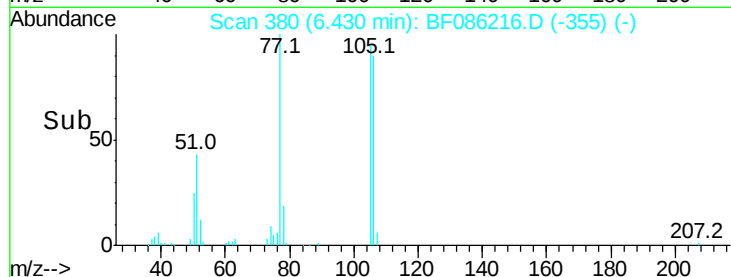
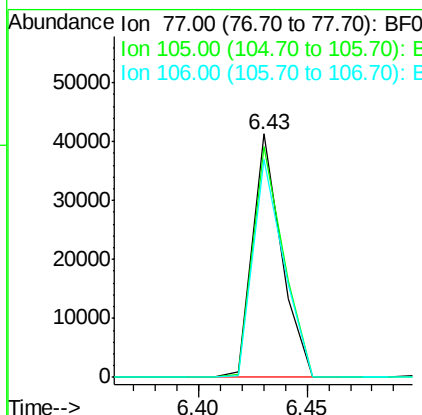
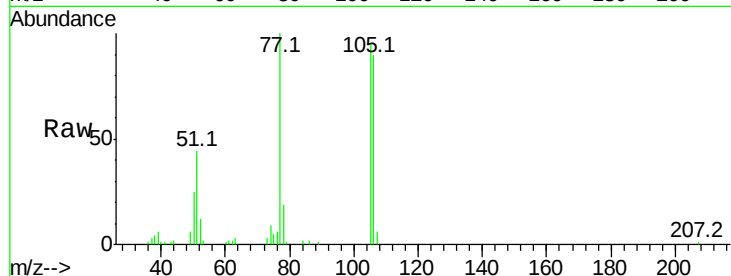
ClientSampleId :

SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.0	84.6	124.6
106	89.7	78.6	118.6

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#10

Phenol

Concen: 3.08 ng

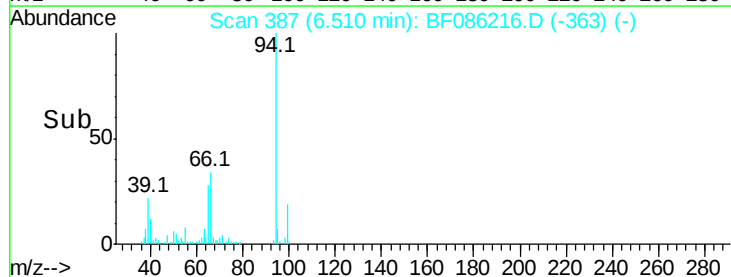
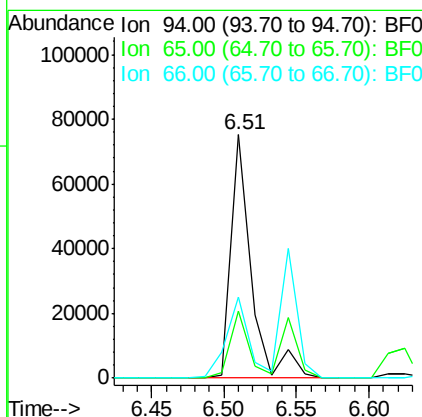
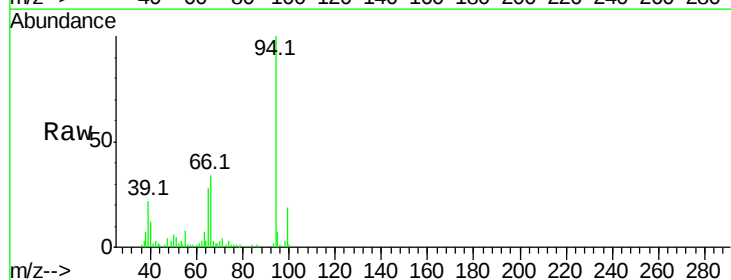
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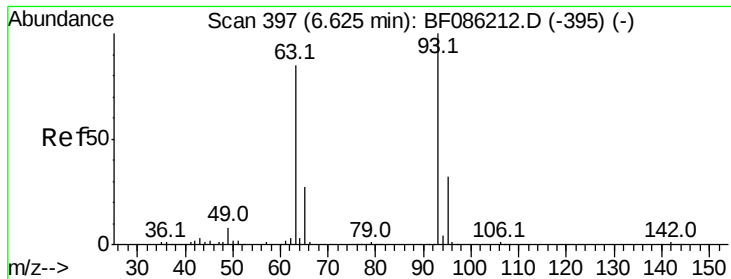
Delta R.T. -0.02 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	33.5	16.5	56.5





#11

bis(2-Chloroethyl)ether

Concen: 2.87 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

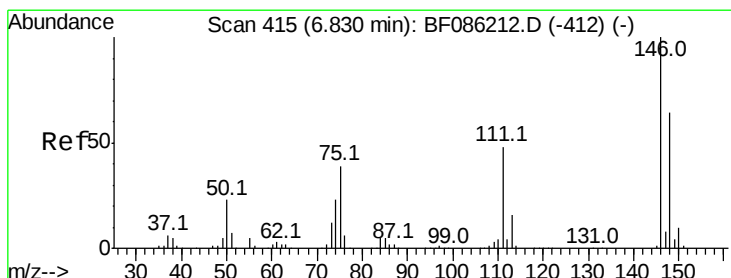
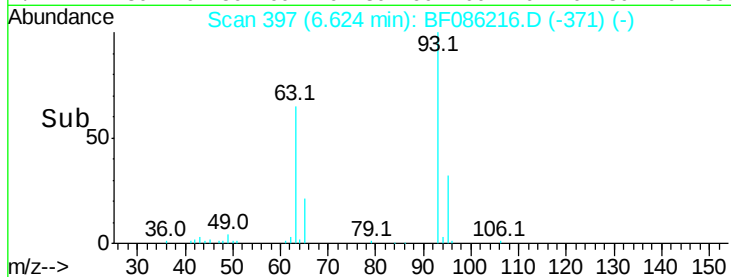
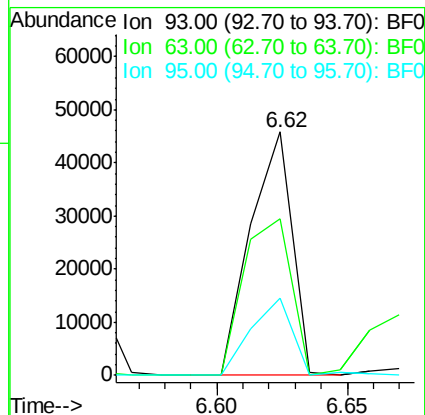
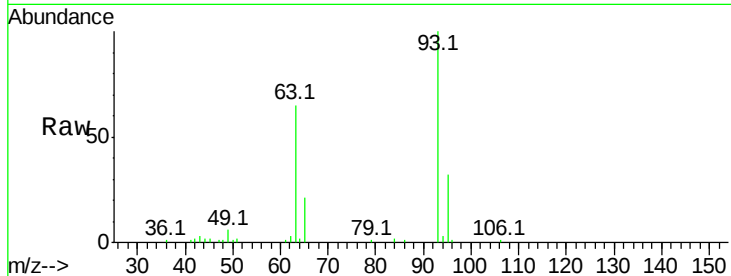
ClientSampleId :

SSTDICC2.5

Tot Ion:	93	Resp:	51351
Ion Ratio	Lower	Upper	
93	100		
63	64.6	44.4	84.4
95	31.6	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 3.13 ng

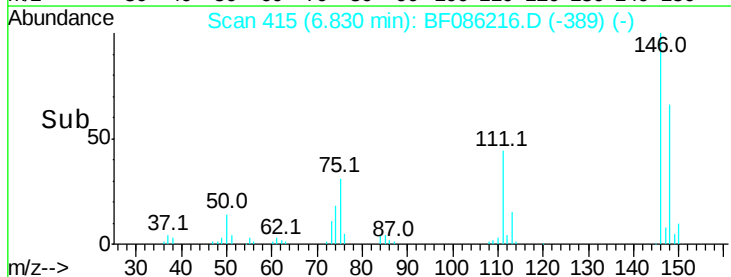
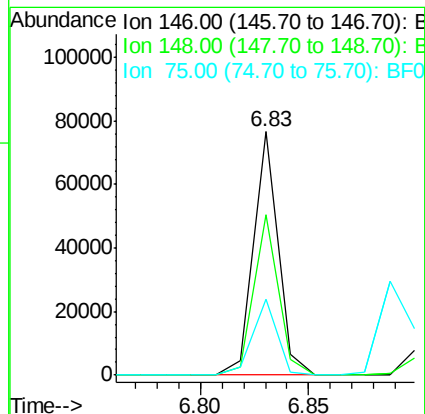
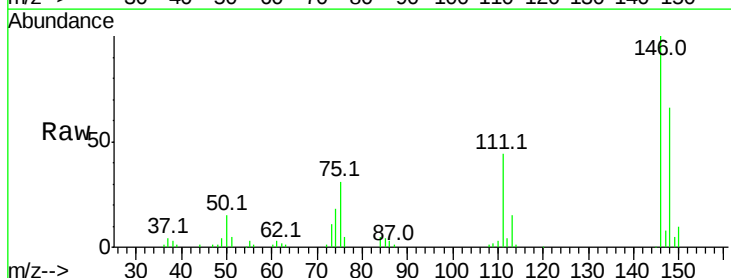
RT: 6.83 min Scan# 415

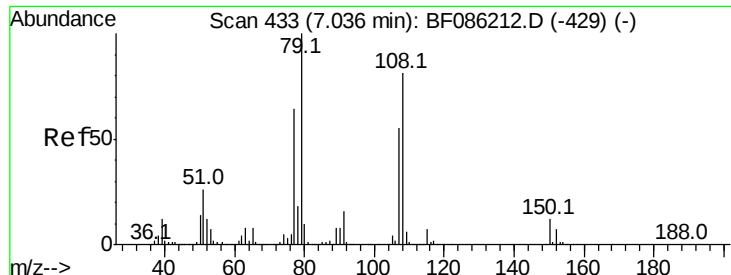
Delta R.T. -0.00 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:	146	Resp:	60089
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.0	76.4
75	31.3	29.9	44.9





#15

Benzyl Alcohol

Concen: 2.84 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

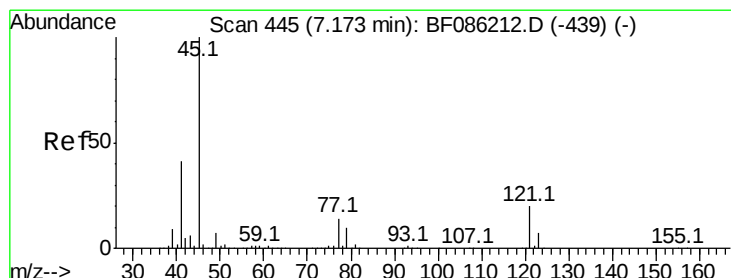
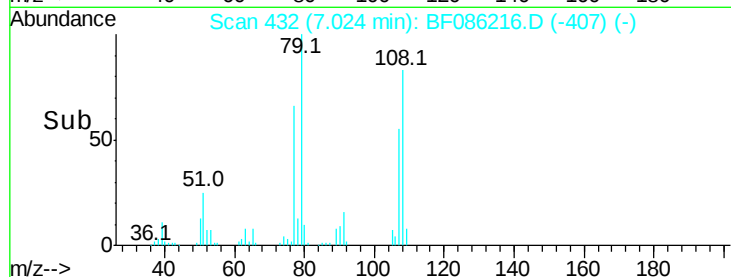
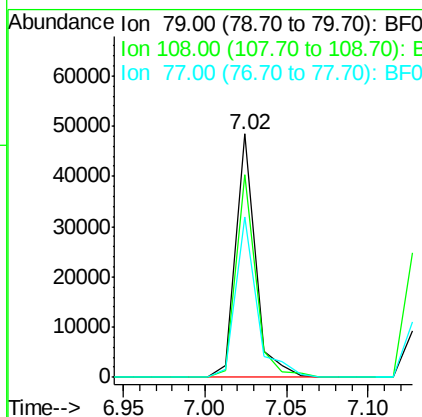
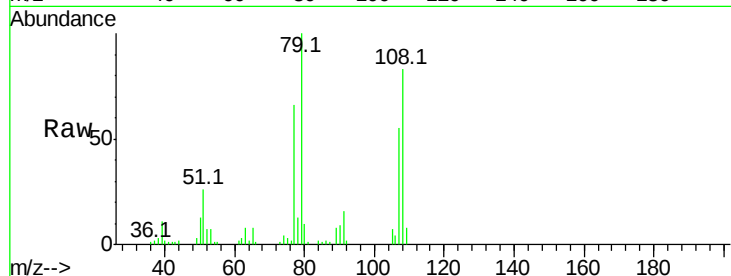
ClientSampleId :

SSTDICC2.5

Tot Ion:	79	Resp:	40301
Ion Ratio	Lower	Upper	
79	100		
108	83.0	64.8	97.2
77	65.8	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.75 ng

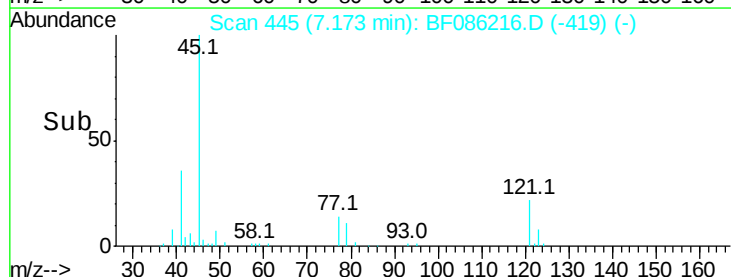
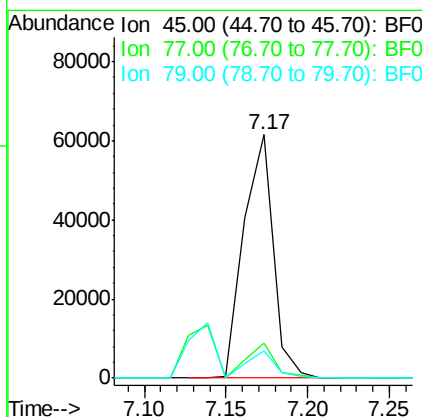
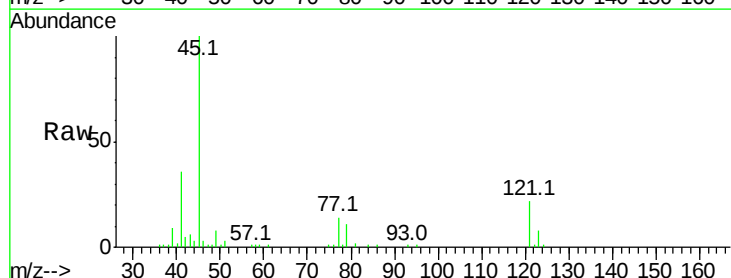
RT: 7.17 min Scan# 445

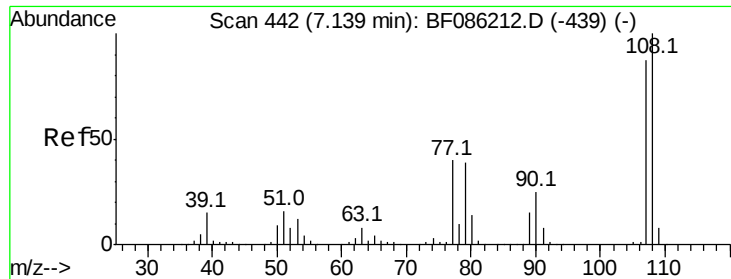
Delta R.T. -0.00 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:	45	Resp:	76711
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	33.7
79	11.4	0.0	30.1





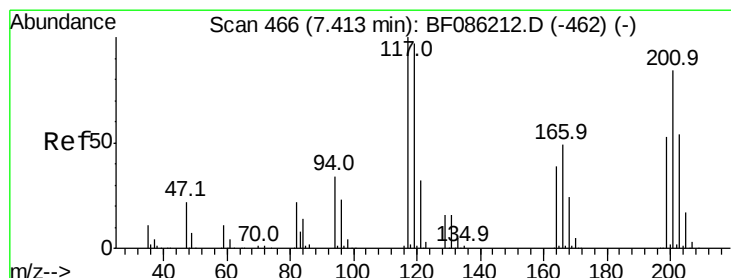
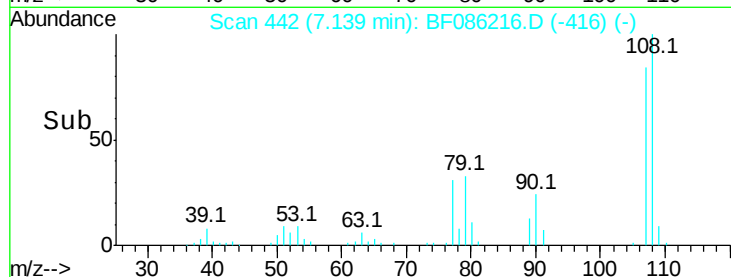
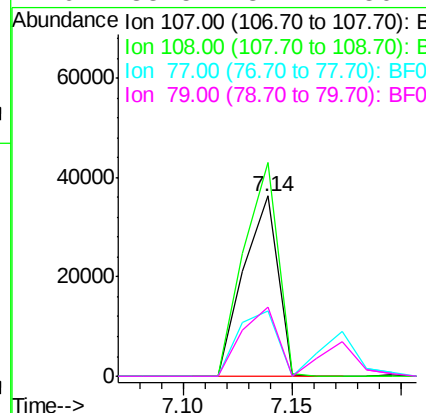
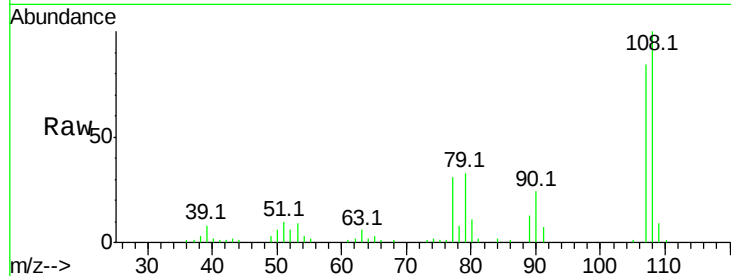
#17
2-Methylphenol
Concen: 2.63 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	118.4	92.7	139.1	
77	77	36.5	39.6	59.4	
79	79	38.5	37.4	56.2	

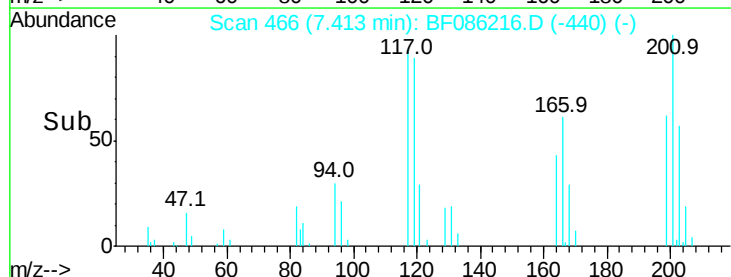
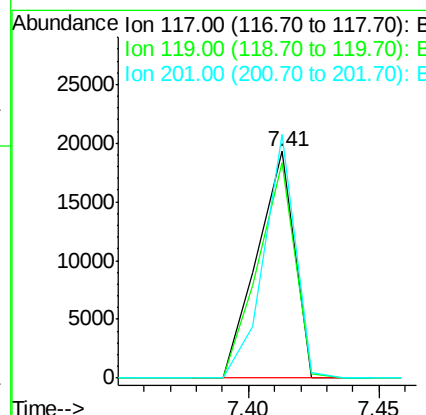
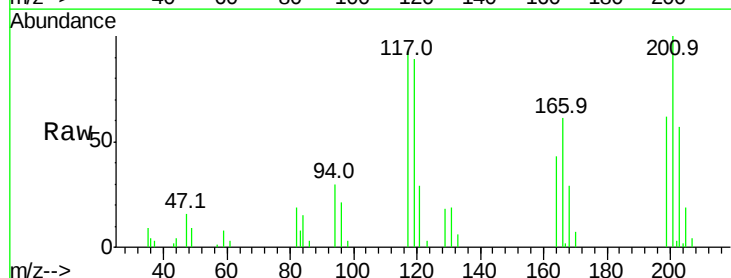
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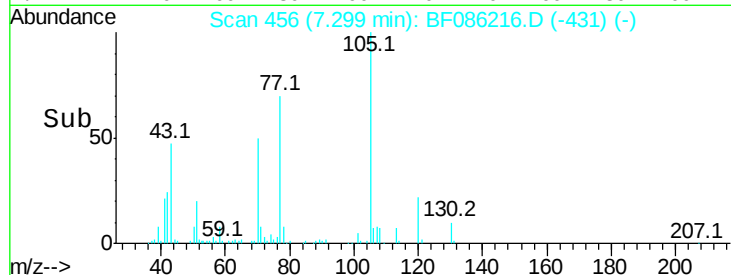
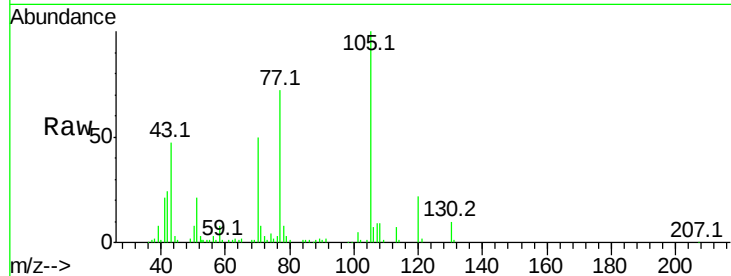
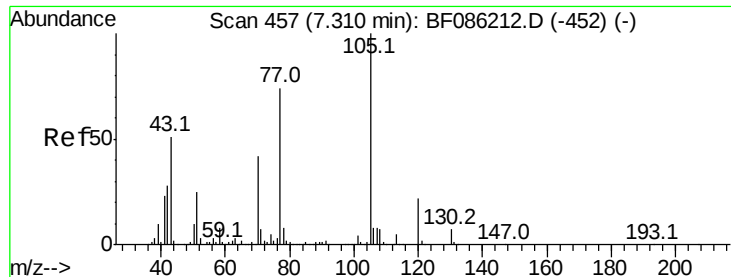
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#18
Hexachloroethane
Concen: 2.81 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	95.1	78.2	117.4	
201	201	107.4	75.7	113.5	





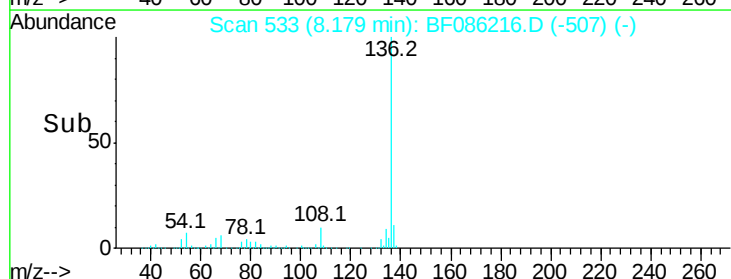
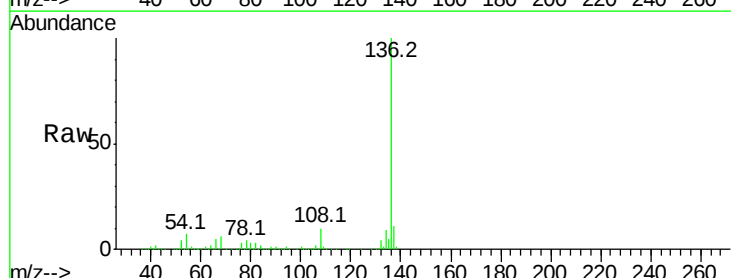
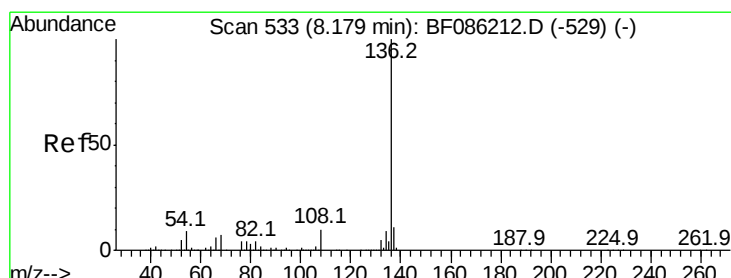
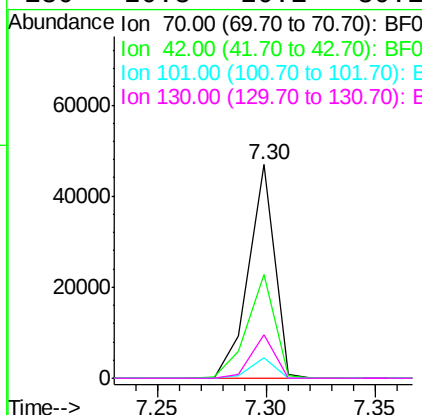
#19
n-Nitroso-di-n-propylamine
Concen: 3.05 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	70	Resp:	39077
Ion Ratio	Lower	Upper	
70	100		
42	48.8	43.0	64.4
101	9.6	8.1	12.1
130	20.3	20.1	30.1

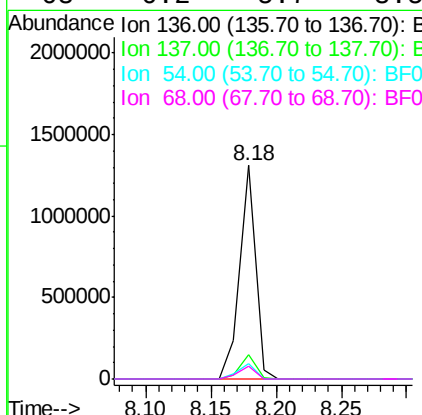
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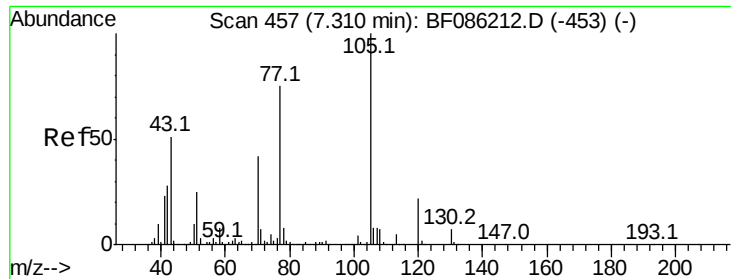
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion	136	Resp:	1099625
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	7.5	7.3	10.9
68	6.2	5.7	8.5





#22

Acetophenone

Concen: 3.39 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

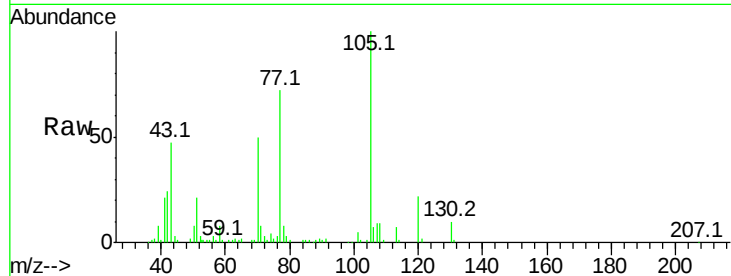
ClientSampled :

SSTDICC2.5

Tot Ion:	105	Resp:	78528
Ion Ratio	Lower	Upper	
105	100		
71	8.3	4.0	6.0#
51	20.8	22.0	33.0#
120	22.2	17.5	26.3

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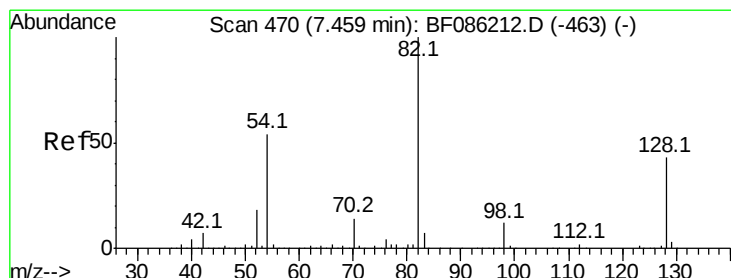
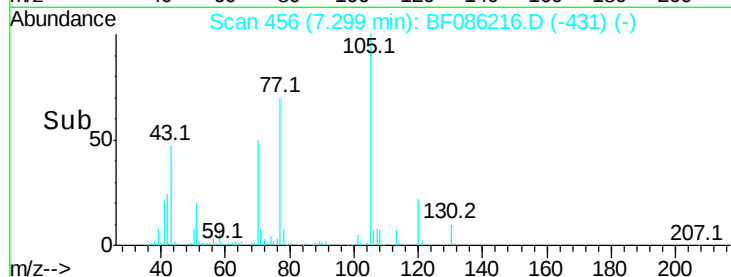
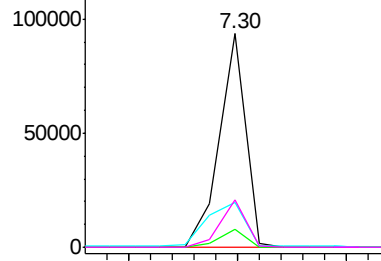


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 2.91 ng

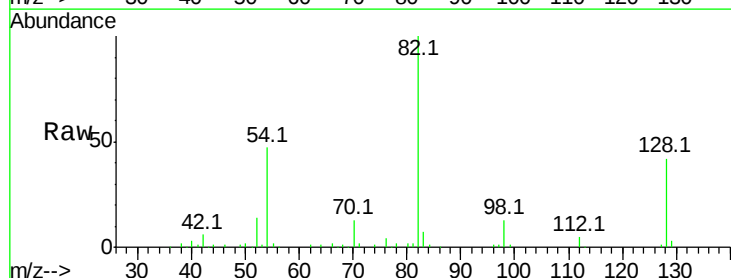
RT: 7.45 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

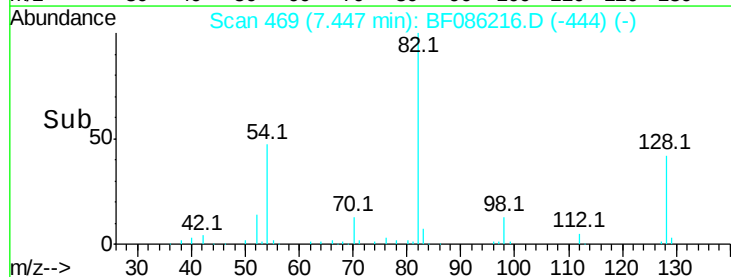
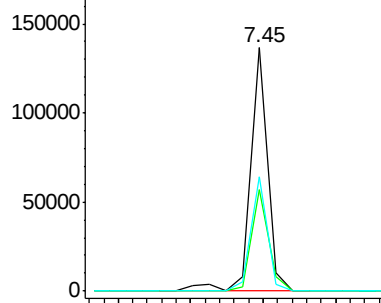
Tgt Ion:	82	Resp:	111088
Ion Ratio	Lower	Upper	
82	100		
128	41.6	35.4	53.2
54	47.0	43.4	65.0

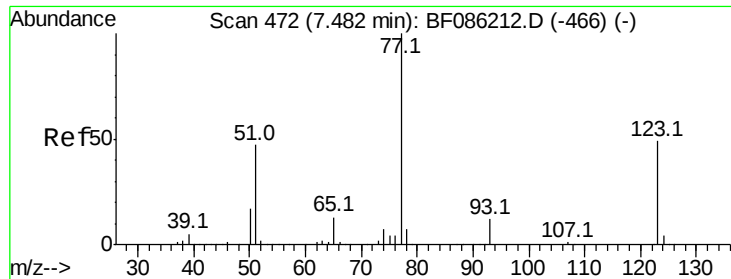


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 2.78 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

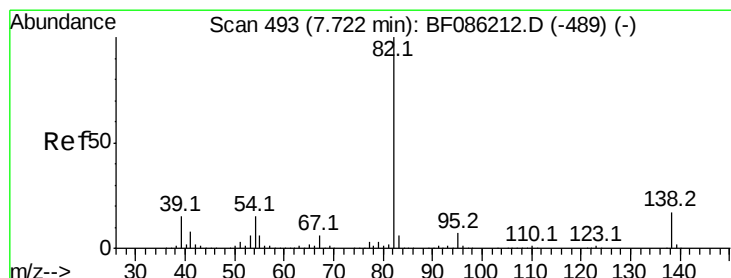
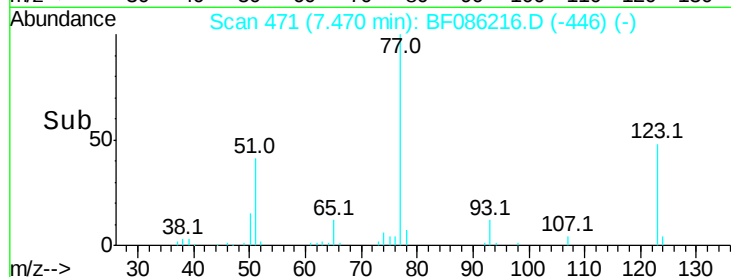
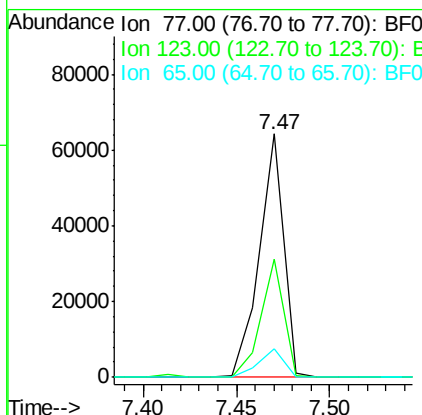
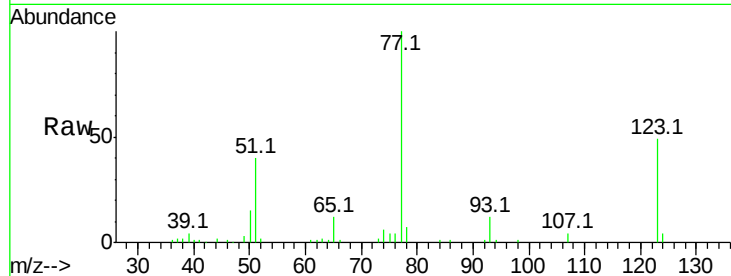
ClientSampleId :

SSTDICC2.5

Tot Ion:	77	Resp:	57883
Ion Ratio	Lower	Upper	
77	100		
123	48.6	38.3	57.5
65	11.9	11.3	16.9

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#25

Isophorone

Concen: 2.87 ng

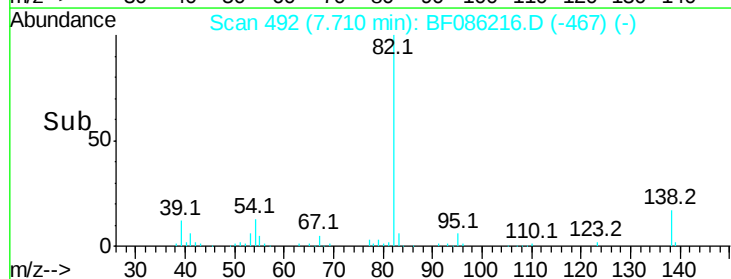
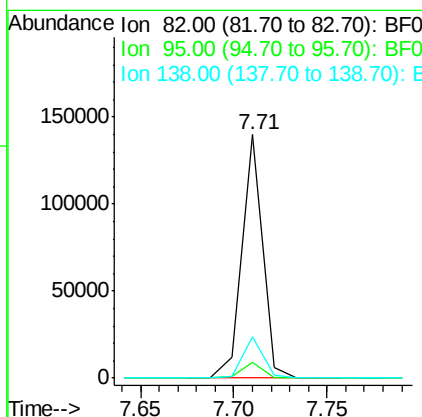
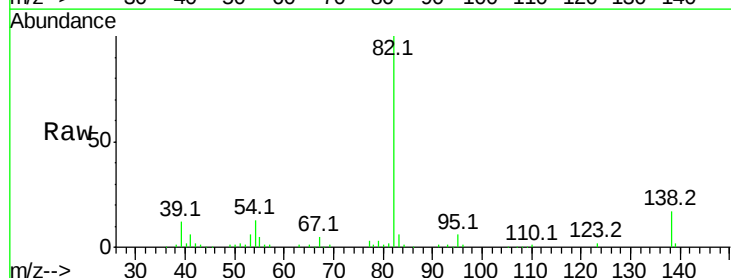
RT: 7.71 min Scan# 492

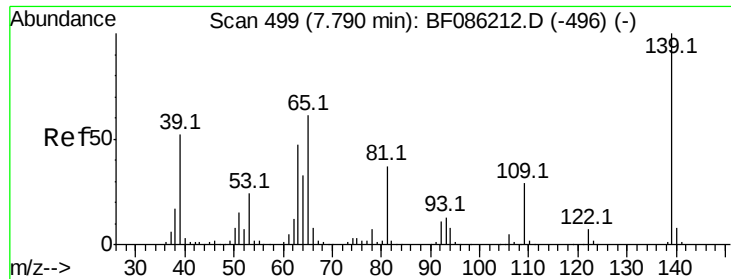
Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:	82	Resp:	108514
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.4	8.2
138	17.2	13.4	20.2





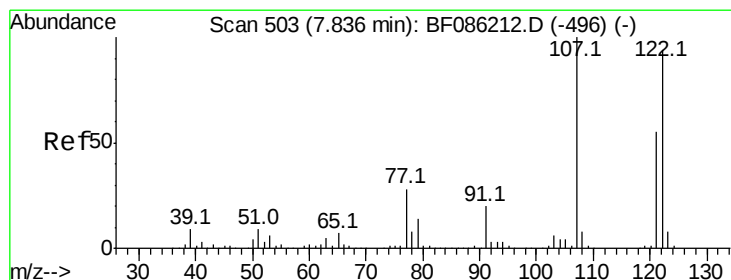
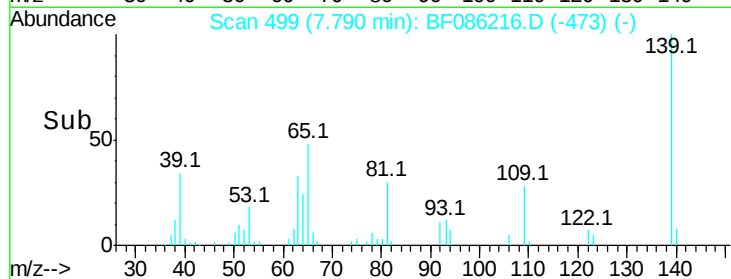
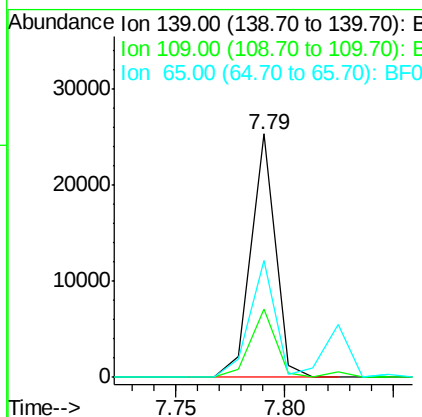
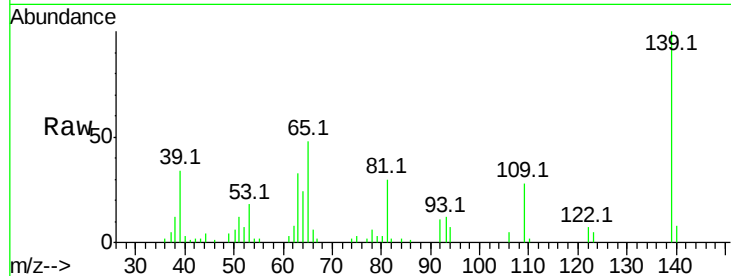
#26
2-Nitrophenol
Concen: 2.17 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
139	100	19692		
109	27.9	25.8	38.8	
65	48.1	50.2	75.2	

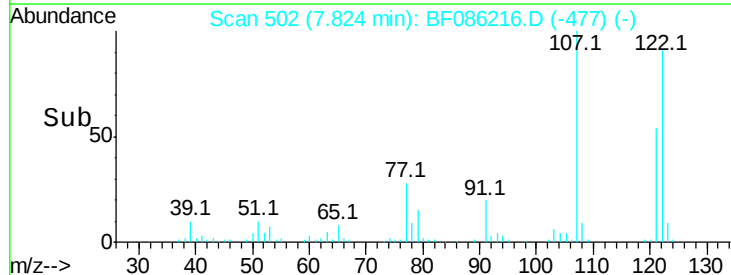
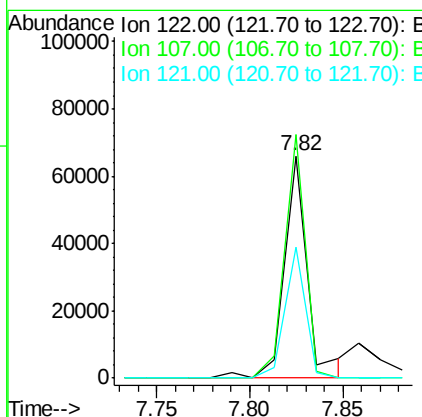
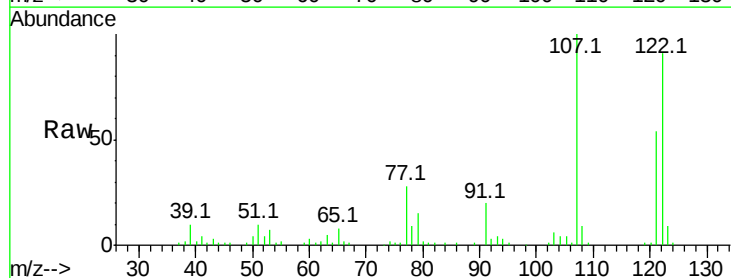
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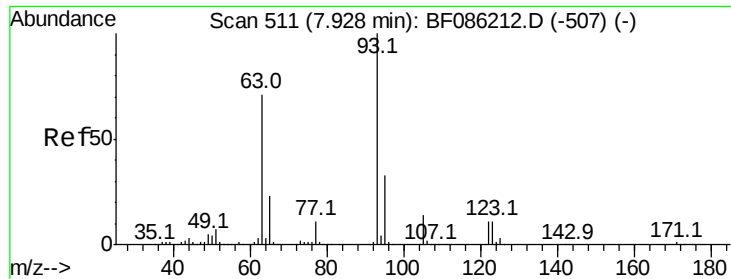
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#27
2,4-Dimethylphenol
Concen: 3.09 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	56625		
107	109.7	85.8	128.6	
121	59.1	47.1	70.7	





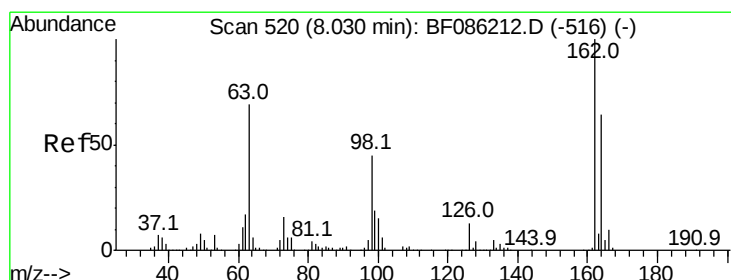
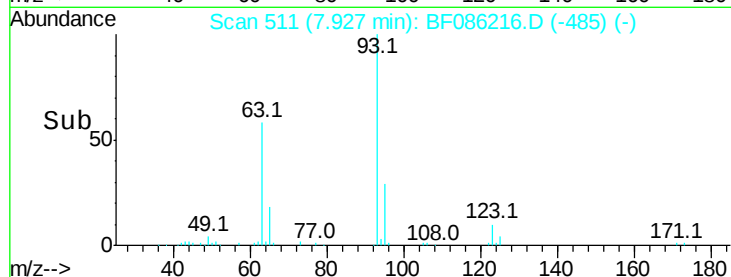
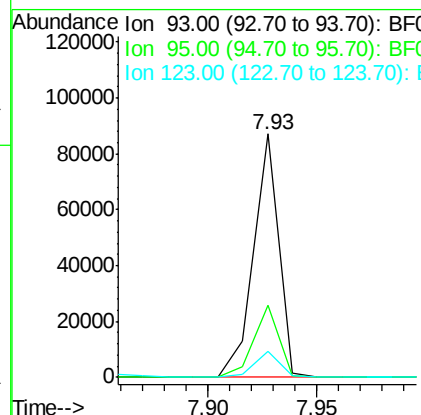
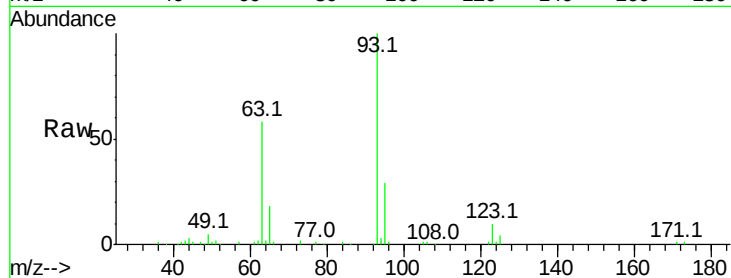
#28
 bis(2-Chloroethoxy)methane
 Concen: 3.12 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:	93	Resp:	69491
Ion Ratio	Lower	Upper	
93	100		
95	29.4	25.8	38.8
123	10.4	8.9	13.3

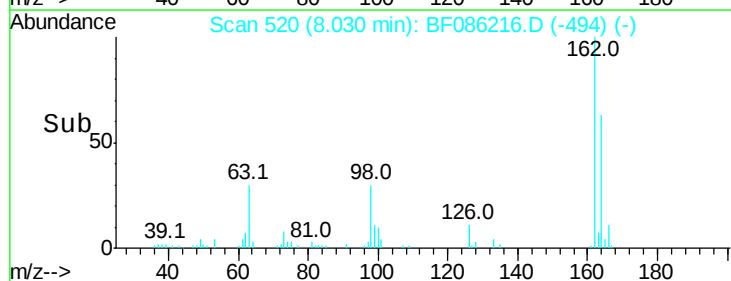
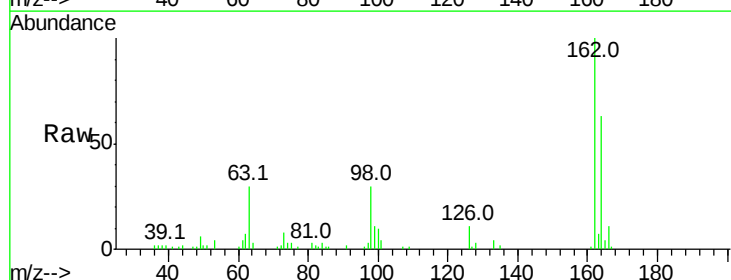
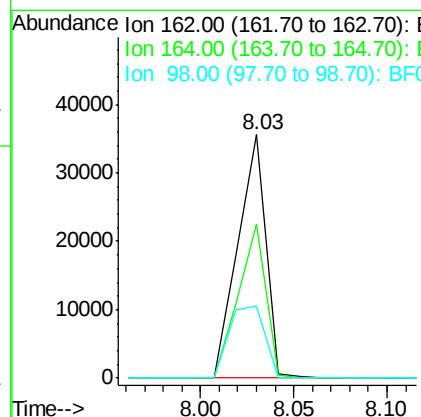
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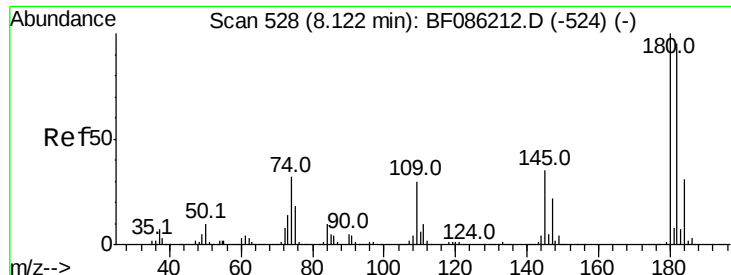
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#29
 2,4-Dichlorophenol
 Concen: 2.68 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Tgt Ion:	162	Resp:	37403
Ion Ratio	Lower	Upper	
162	100		
164	63.2	43.3	83.3
98	29.7	22.9	62.9





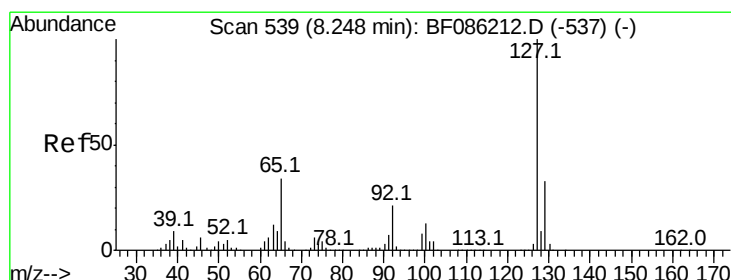
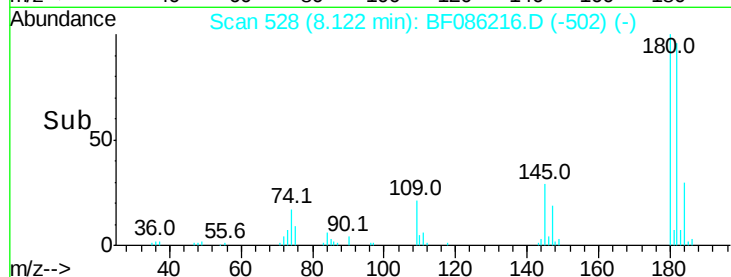
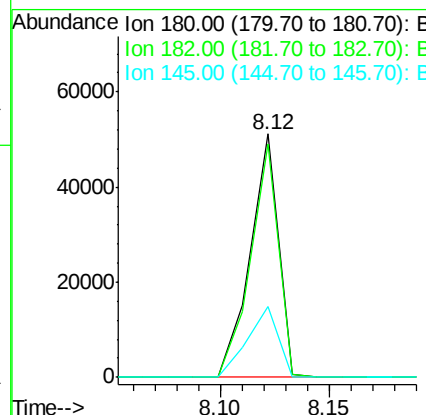
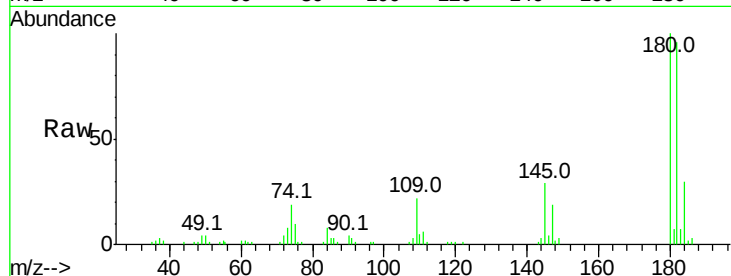
#30
 1,2,4-Trichlorobenzene
 Concen: 3.15 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
180	100	46045		
182	96.0		76.3	114.5
145	29.1		27.4	41.2

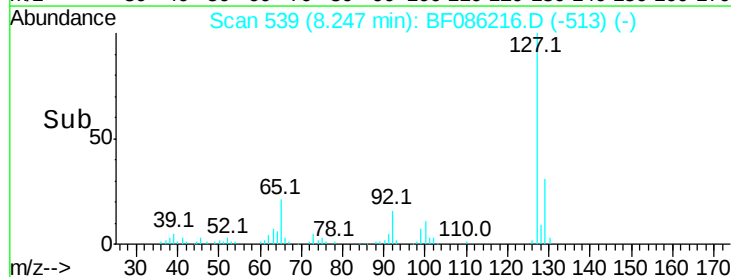
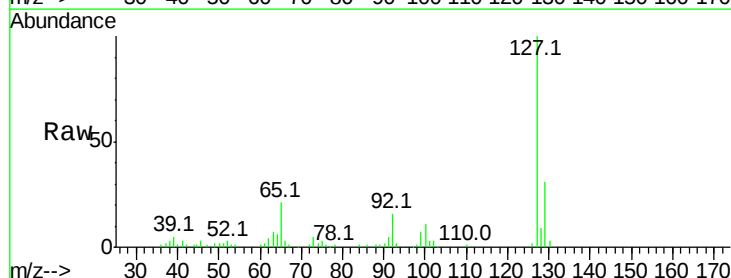
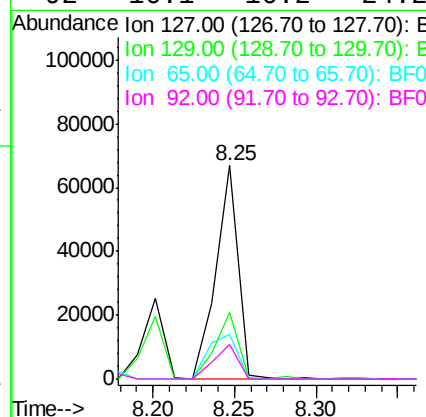
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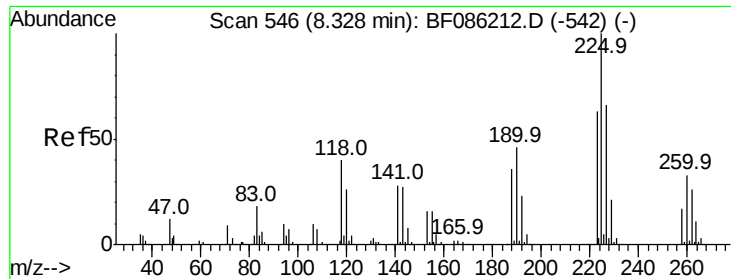
Sohil
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#33
 4-Chloroaniline
 Concen: 2.89 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	63445		
129	30.9		26.8	40.2
65	21.2		27.1	40.7#
92	16.1		16.2	24.2#





#34

Hexachlorobutadiene

Concen: 2.98 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

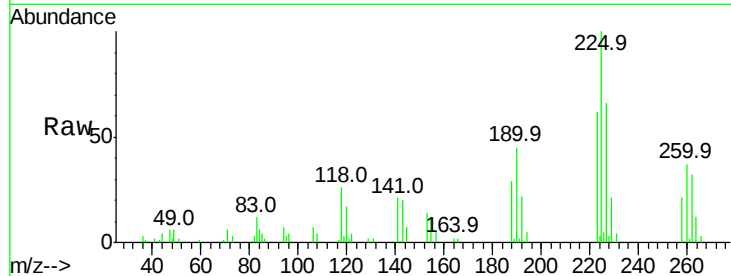
ClientSampled :

SSTDICC2.5

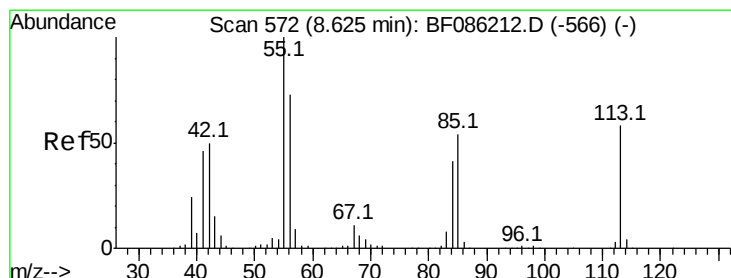
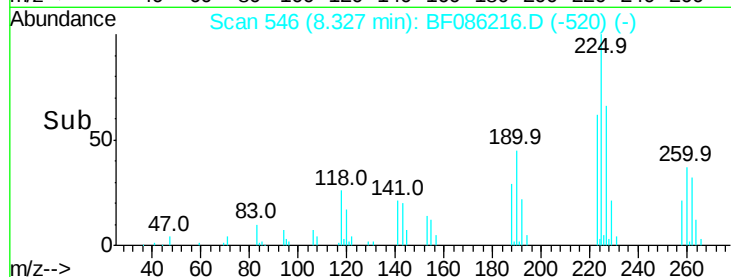
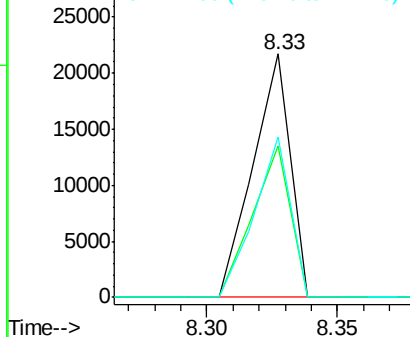
Tot Ion:	225	Resp:	21804
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.4	74.0
227	65.6	51.1	76.7

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



#35

Caprolactam

Concen: 2.28 ng

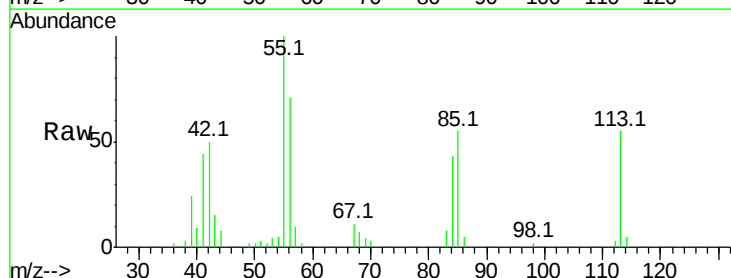
RT: 8.57 min Scan# 567

Delta R.T. -0.06 min

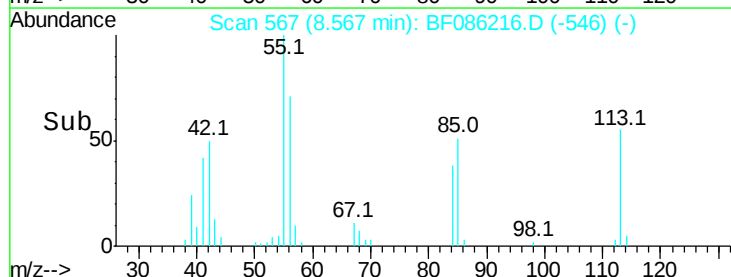
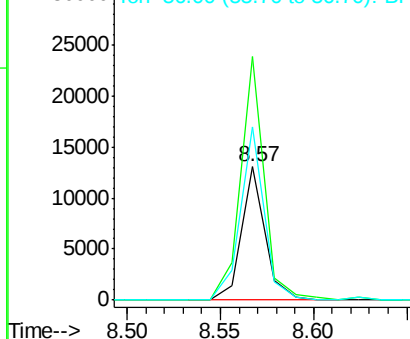
Lab File: BF086216.D

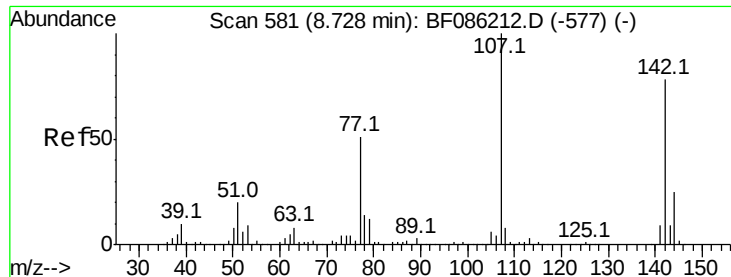
Acq: 15 Apr 2016 14:49

Tgt Ion:	113	Resp:	11520
Ion Ratio	Lower	Upper	
113	100		
55	182.5	117.5	157.5#
56	130.2	82.5	122.5#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 2.81 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

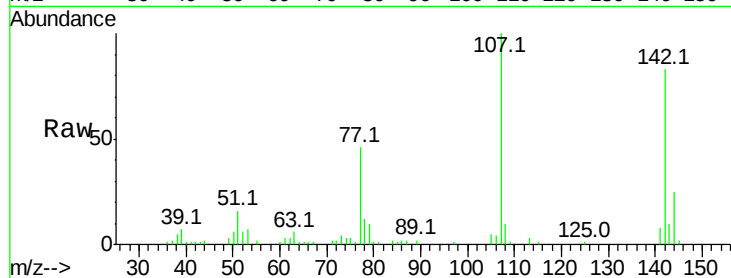
ClientSampleId :

SSTDICC2.5

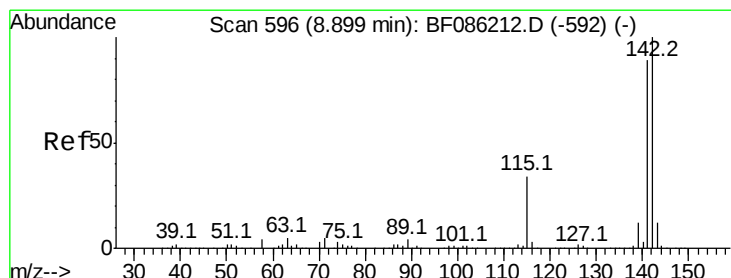
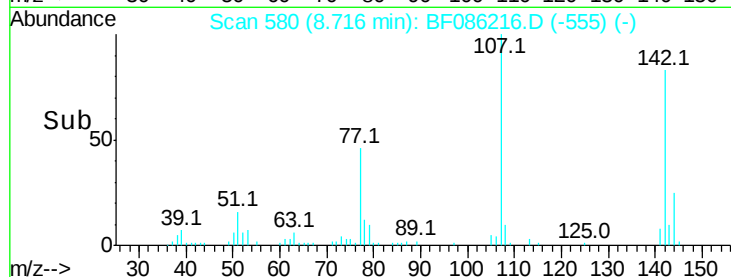
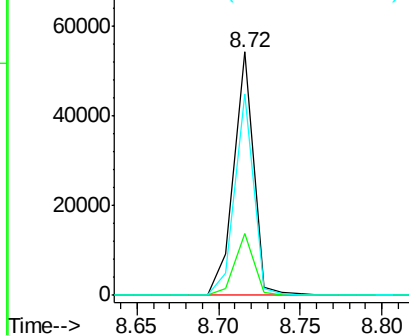
Tot Ion:	107	Resp:	45423
Ion Ratio	Lower	Upper	
107	100		
144	25.2	20.7	31.1
142	82.8	64.5	96.7

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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: 3.12 ng

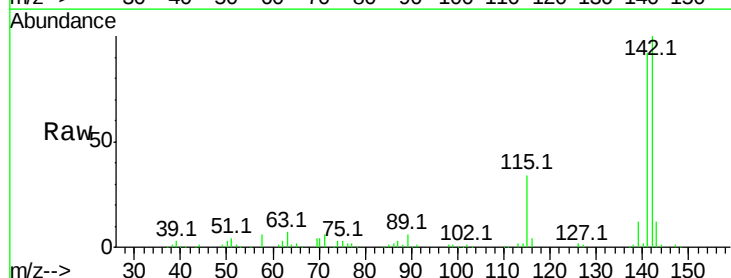
RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

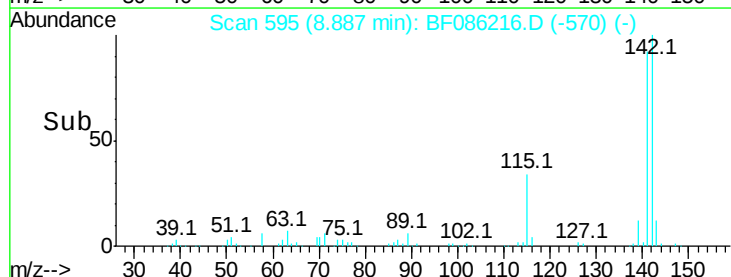
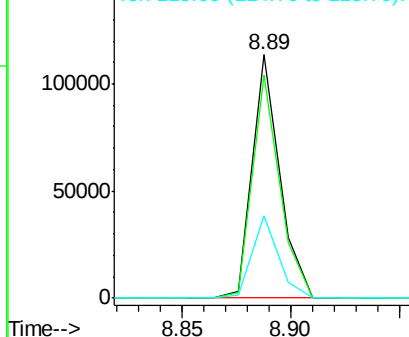
Lab File: BF086216.D

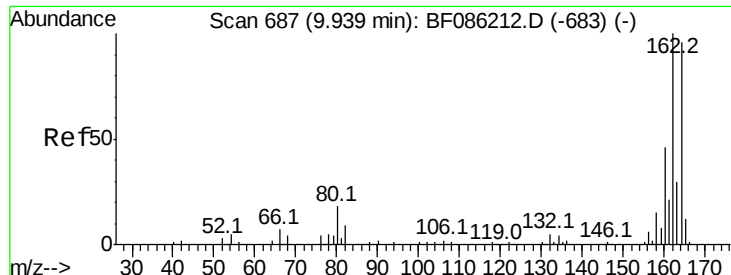
Acq: 15 Apr 2016 14:49

Tgt Ion:	142	Resp:	99164
Ion Ratio	Lower	Upper	
142	100		
141	91.7	71.1	106.7
115	34.0	25.1	37.7



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





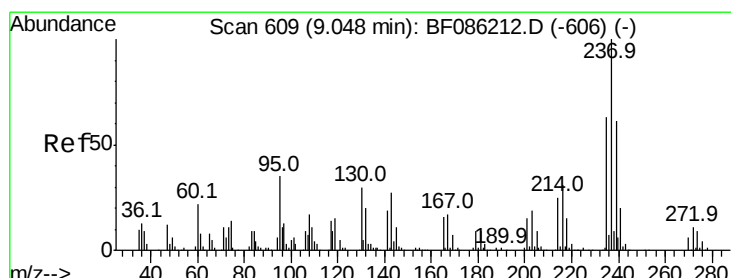
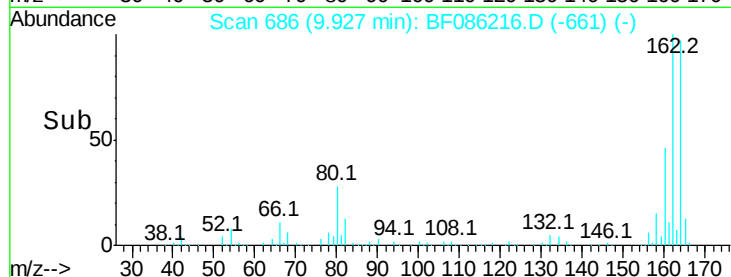
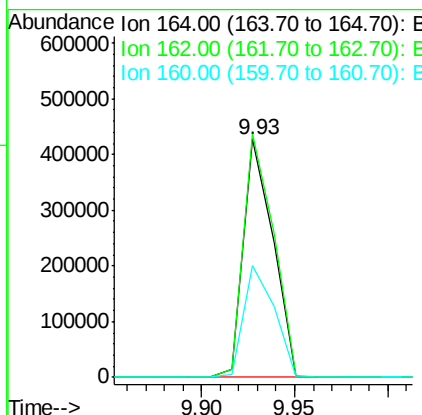
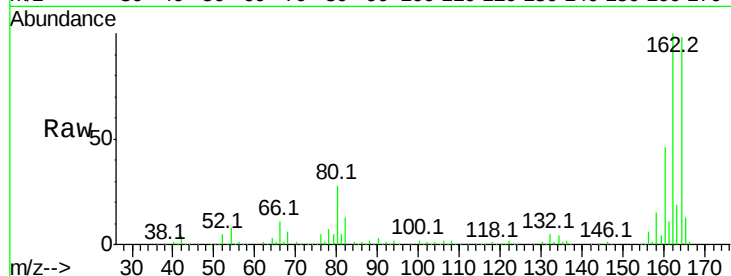
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:	164	Resp:	469894
Ion Ratio	Lower	Upper	
164	100		
162	102.1	82.8	124.2
160	46.8	38.9	58.3

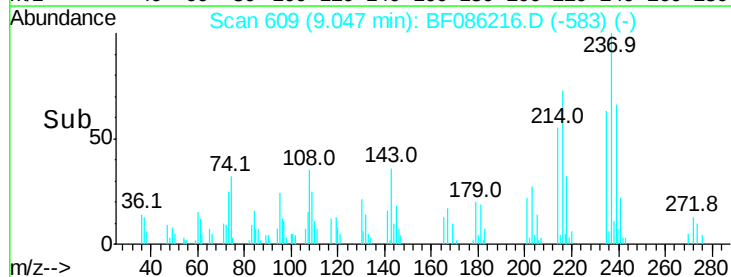
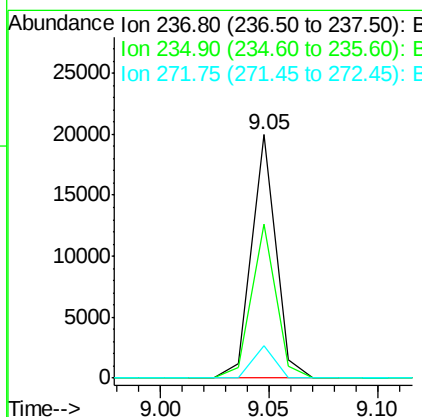
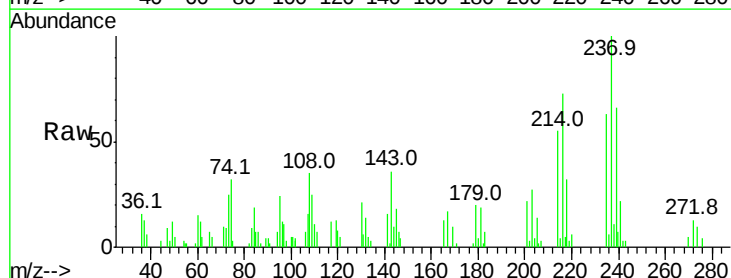
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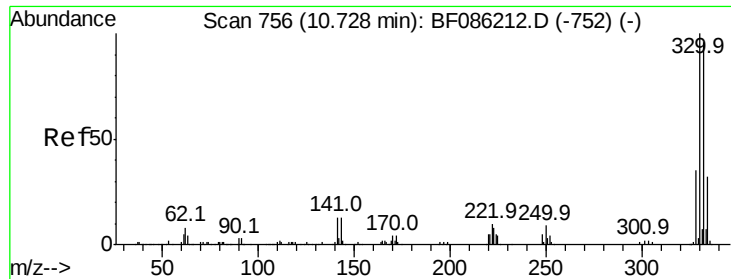
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#40
Hexachlorocyclopentadiene
Concen: 2.80 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion:	237	Resp:	15513
Ion Ratio	Lower	Upper	
237	100		
235	63.1	44.0	84.0
272	13.4	0.0	32.4





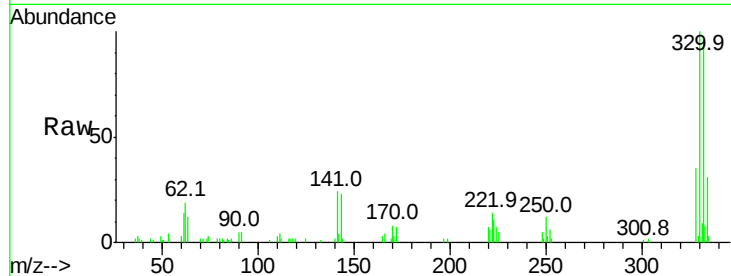
#41
 2,4,6-Tribromophenol
 Concen: 3.21 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

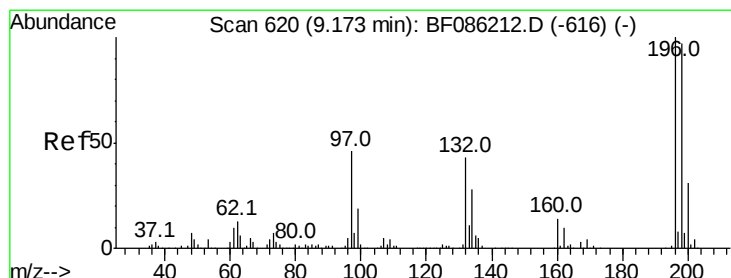
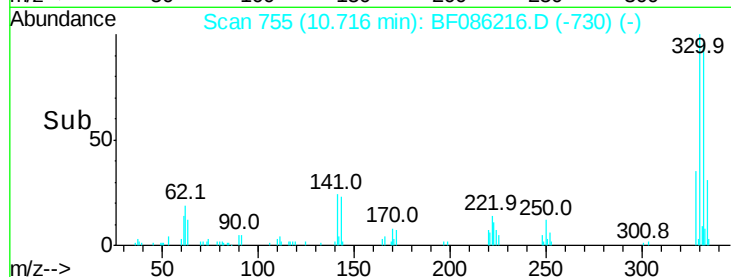
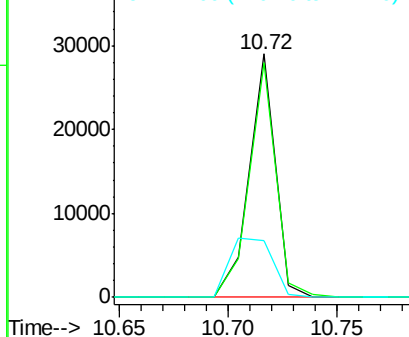
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.7	118.1
141	40.5	28.6	42.8

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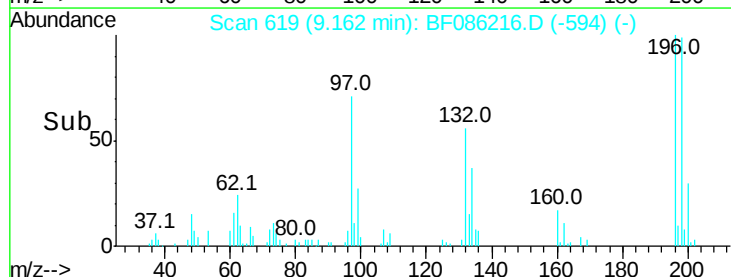
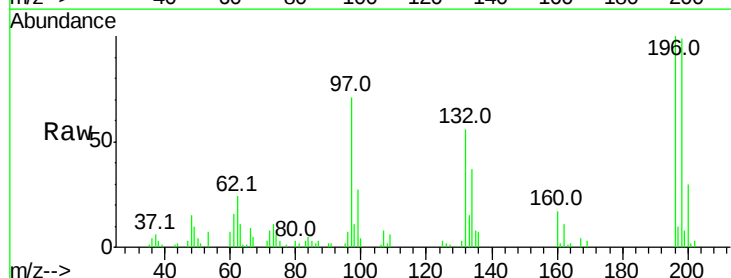
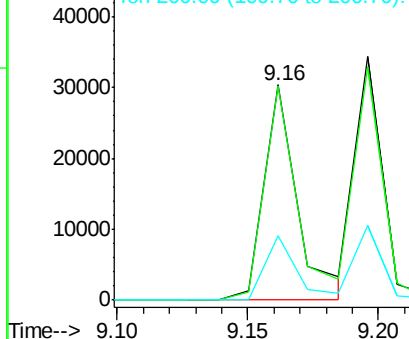
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

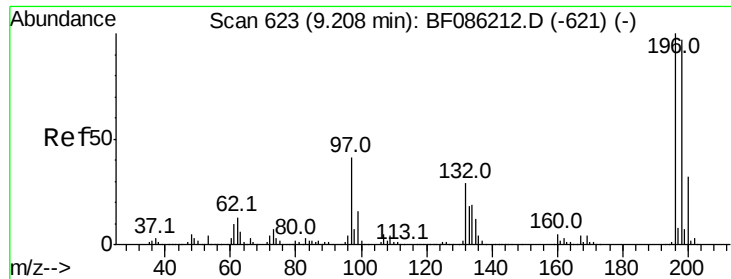


#42
 2,4,6-Trichlorophenol
 Concen: 2.94 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	76.6	115.0
200	30.0	25.3	37.9

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





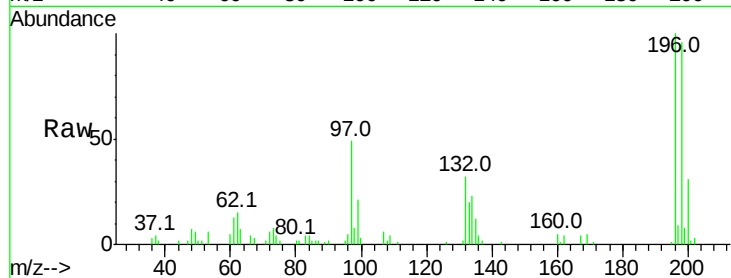
#43
 2,4,5-Trichlorophenol
 Concen: 2.89 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:	196	Resp:	25819
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.7	116.5
97	48.6	32.6	48.8
132	32.0	21.4	32.0

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Abundance

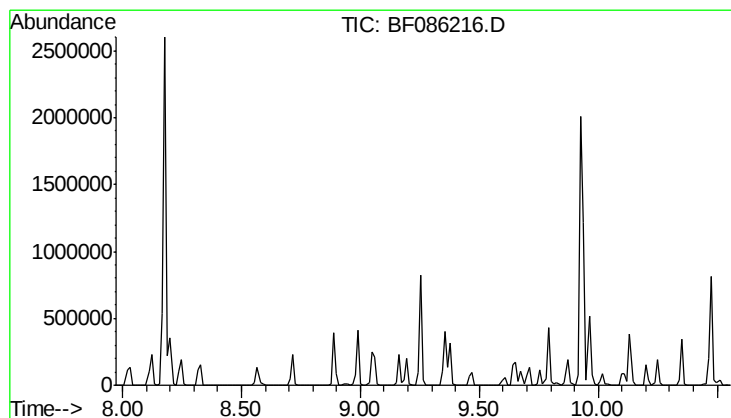
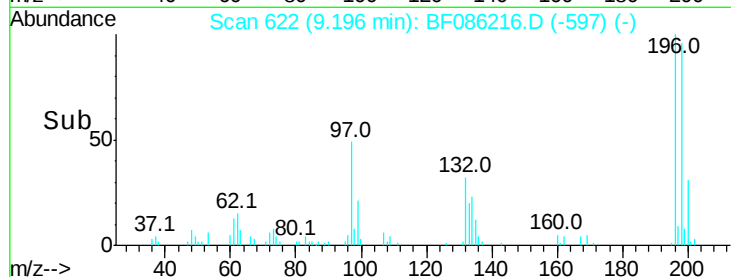
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E

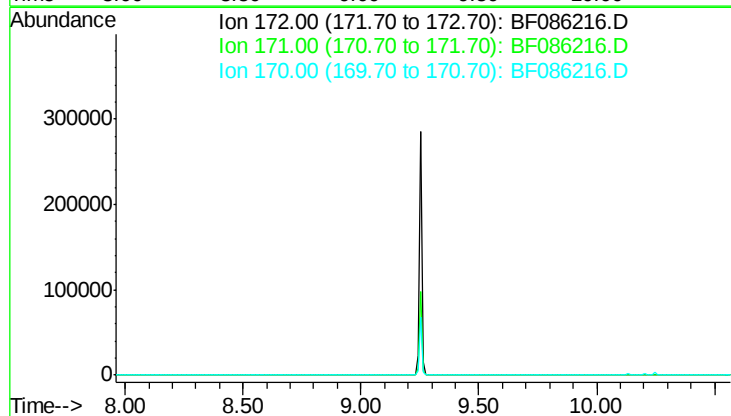
Time-->

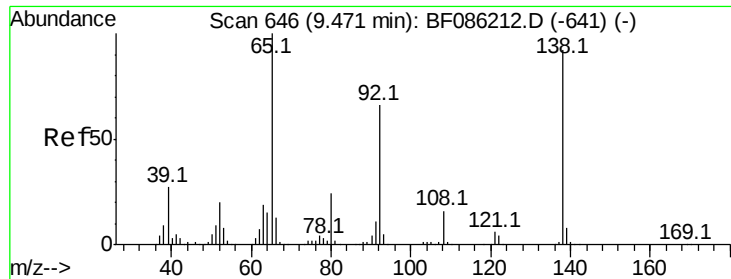


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.26 min

Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Tgt Ion:	172
Sig	Exp Ratio
172	100
171	36.4
170	24.9





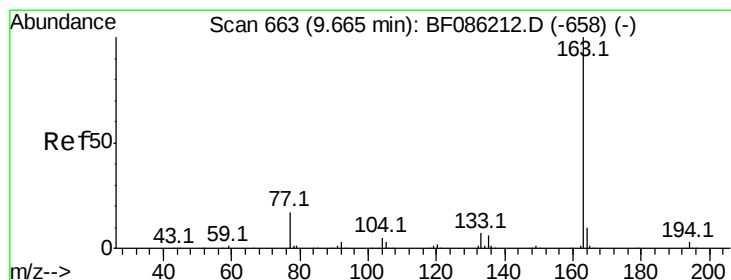
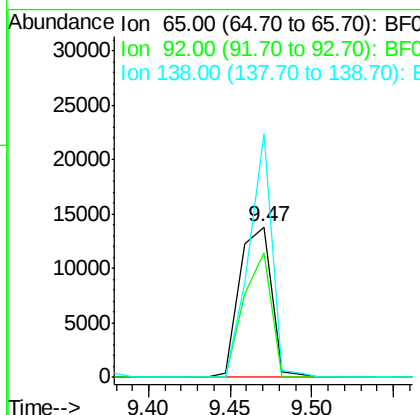
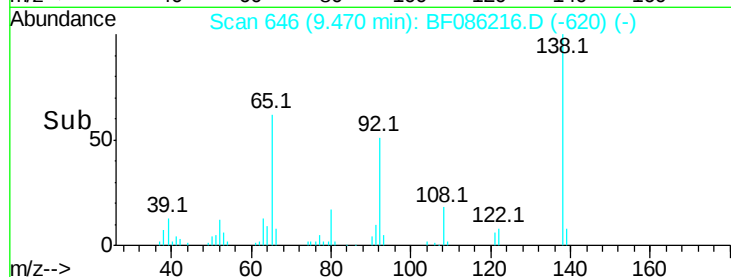
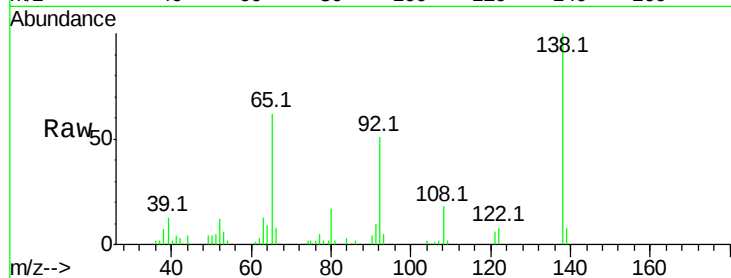
#47
2-Nitroaniline
Concen: 2.09 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
65	100		
92	82.7	51.9	77.9#
138	161.8	72.6	108.8#

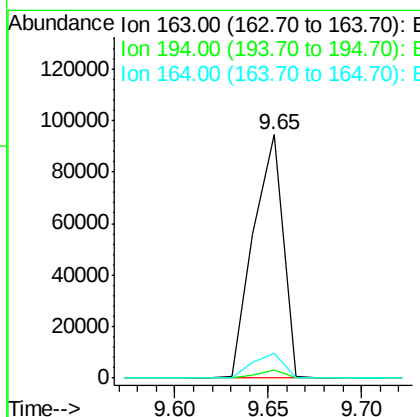
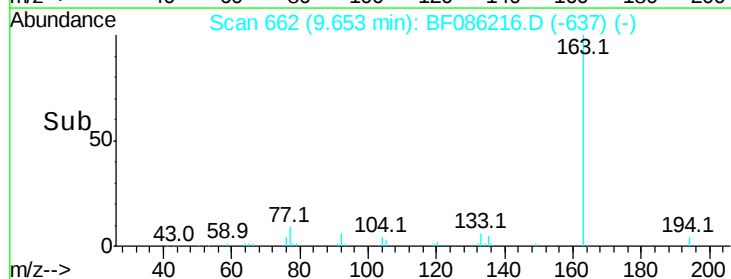
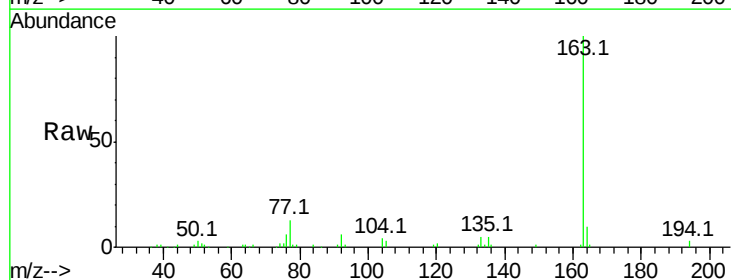
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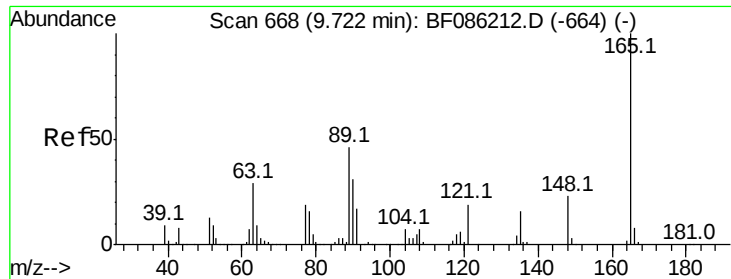
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#49
Dimethylphthalate
Concen: 3.04 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.4	8.4	12.6





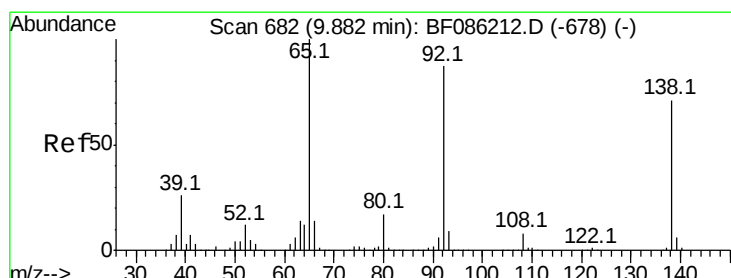
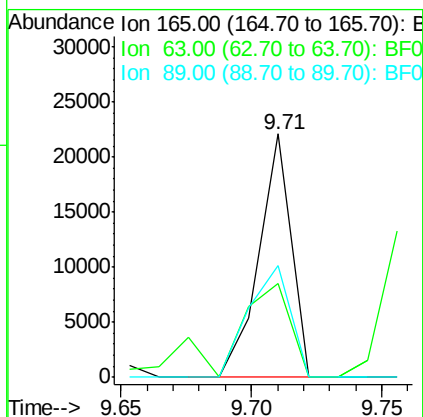
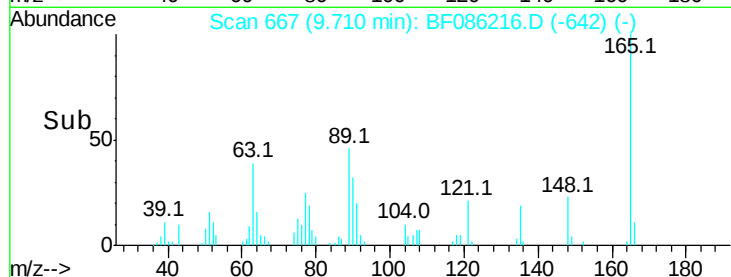
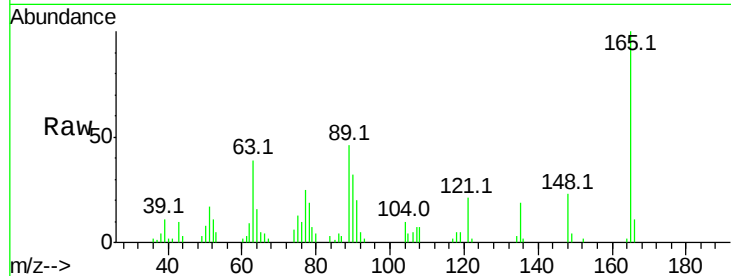
#50
2,6-Dinitrotoluene
Concen: 2.49 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
165	100	18859		
63	38.5		35.1	52.7
89	45.7		39.8	59.6

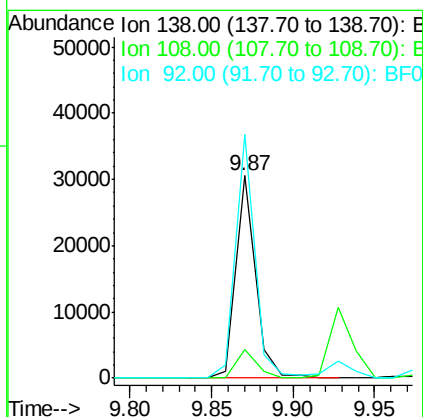
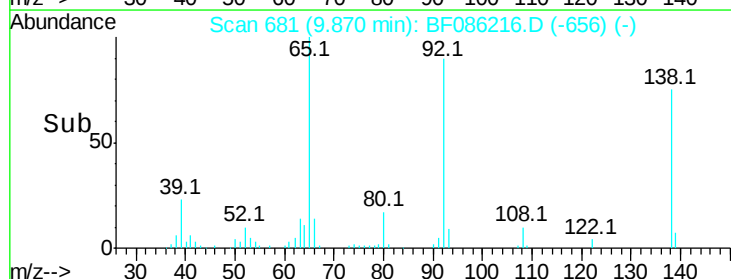
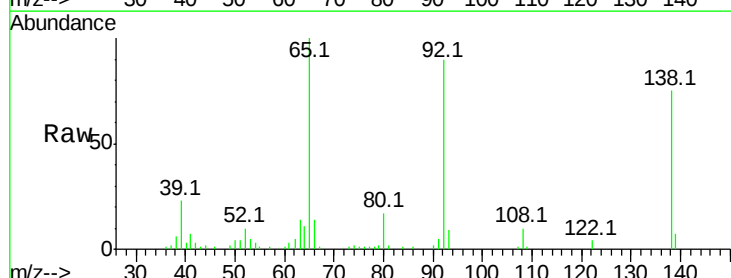
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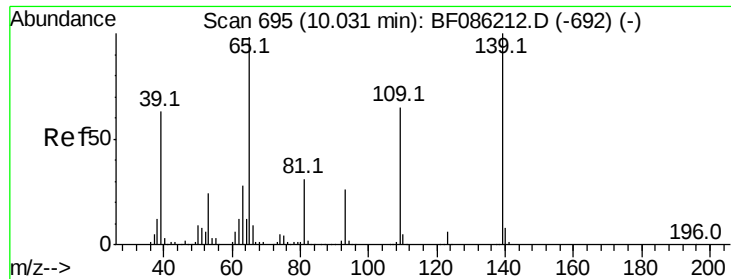
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#52
3-Nitroaniline
Concen: 2.76 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	25339		
108	14.0		9.0	13.4#
92	120.2		99.3	148.9





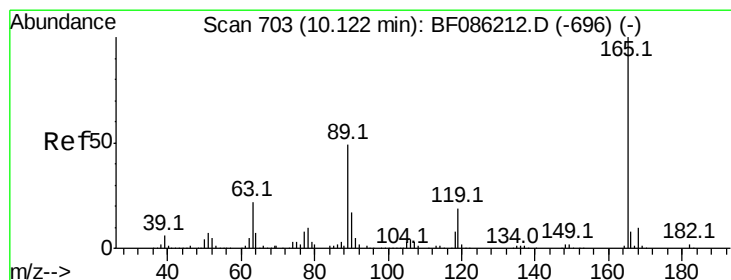
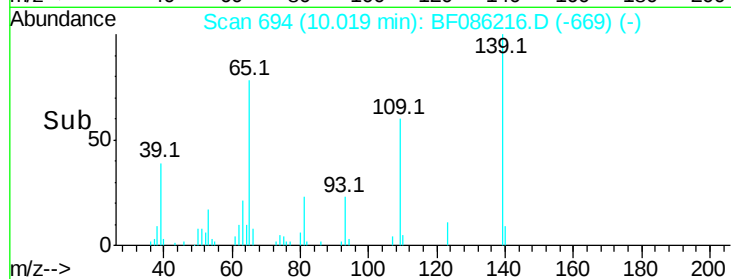
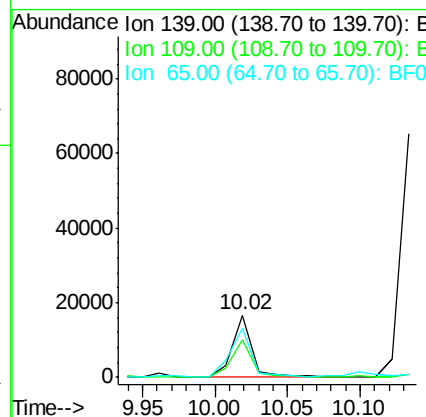
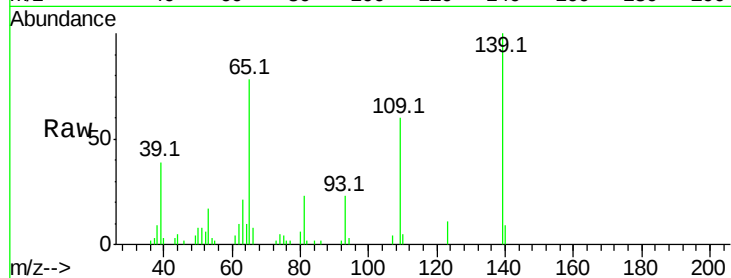
#55
4-Nitrophenol
Concen: 2.18 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.5	55.0	95.0
65	78.5	87.3	127.3

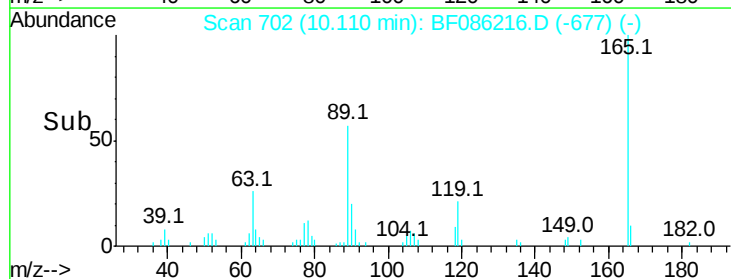
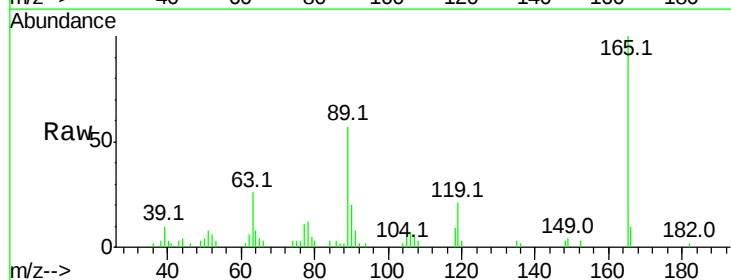
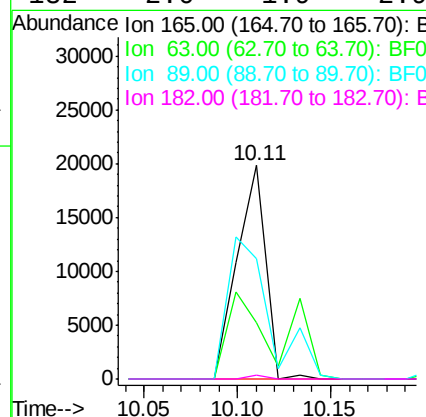
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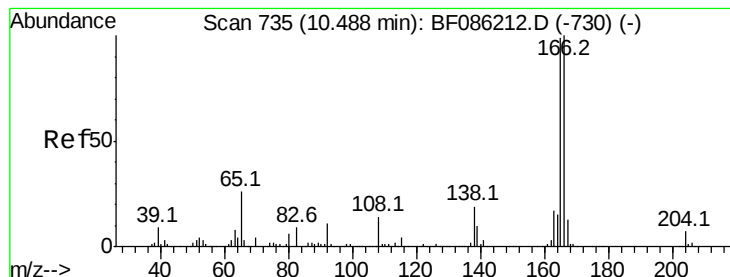
Sohil
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#56
2,4-Dinitrotoluene
Concen: 2.19 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.4	26.6	40.0
89	56.6	49.5	74.3
182	2.0	1.9	2.9





#57

Fluorene

Concen: 4.00 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

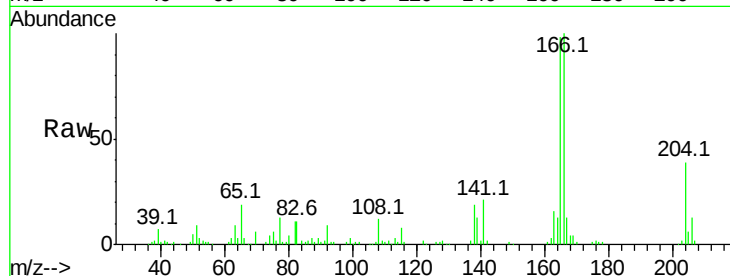
ClientSampleId :

SSTDICC2.5

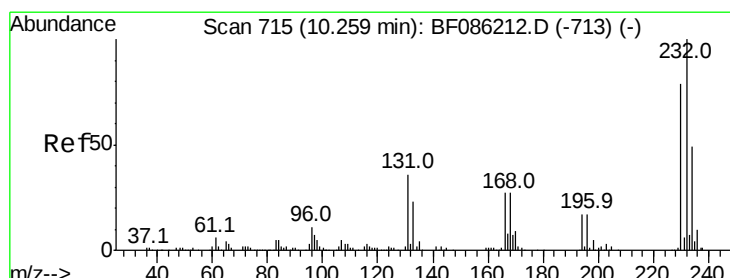
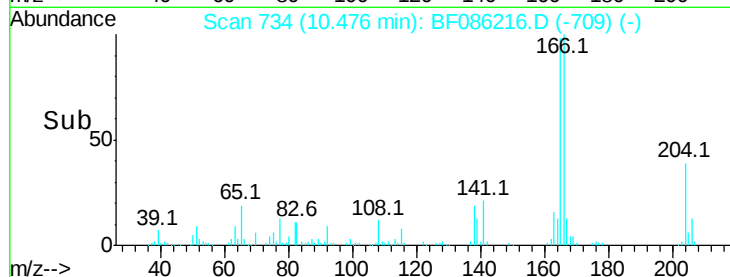
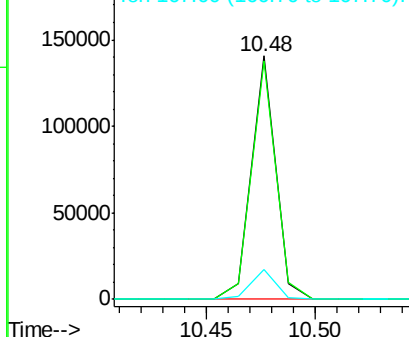
Tot Ion:	166	Resp:	109114
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.6	117.8
167	12.5	10.4	15.6

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.17 ng m

RT: 10.25 min Scan# 714

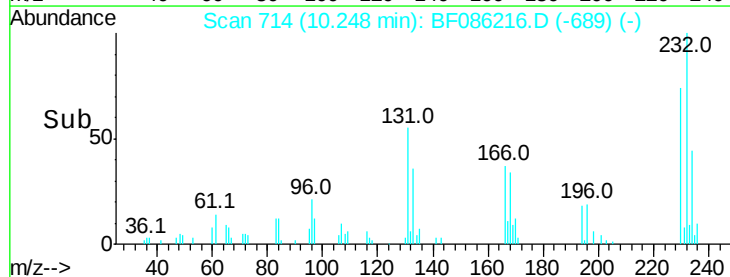
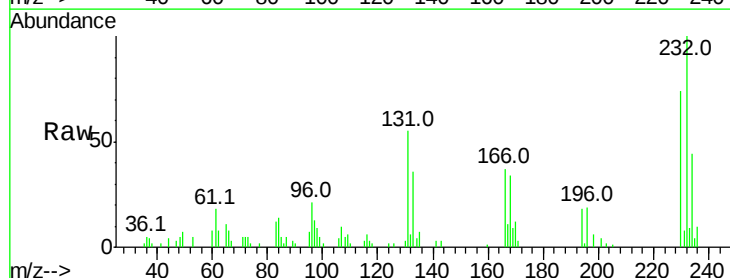
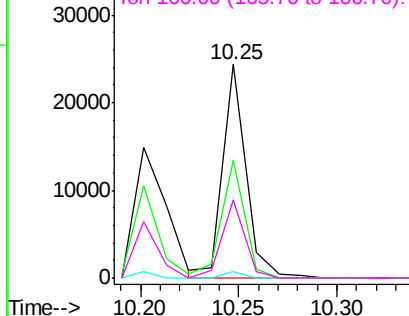
Delta R.T. -0.01 min

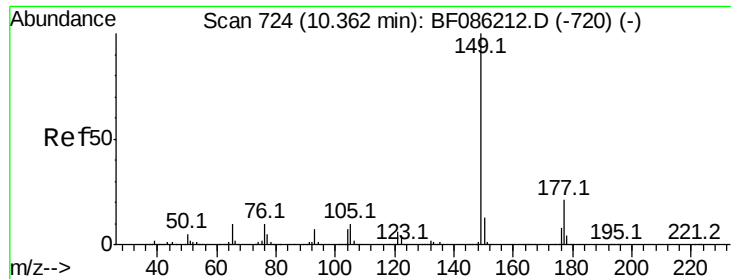
Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:	232	Resp:	19974
Ion Ratio	Lower	Upper	
232	100		
131	46.5	46.6	70.0#
130	2.4	2.5	3.7#
166	27.4	28.3	42.5#

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





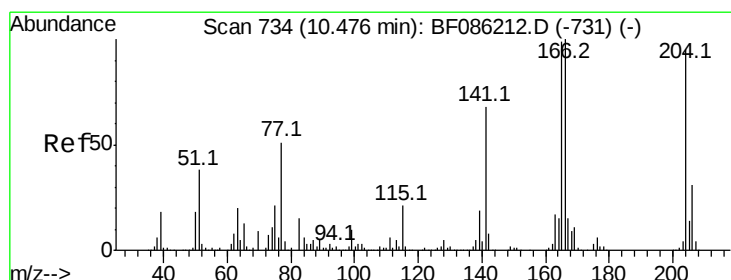
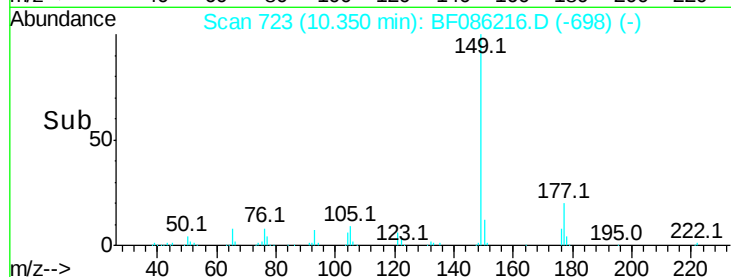
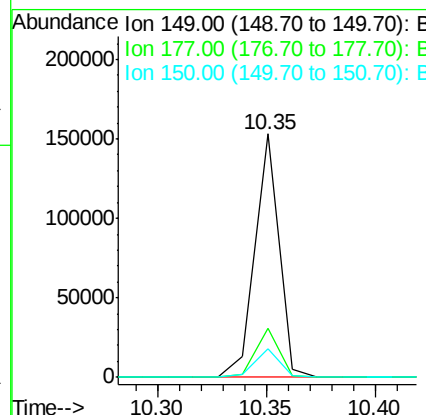
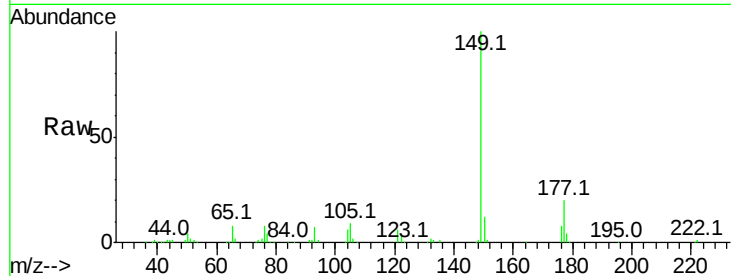
#59
Diethylphthalate
Concen: 3.33 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
149	100	117487		
177	19.9	17.0	25.6	
150	11.9	10.2	15.4	

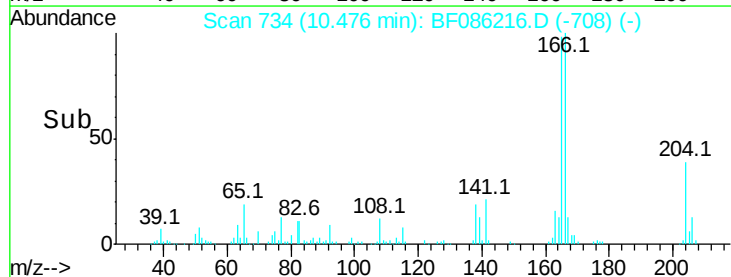
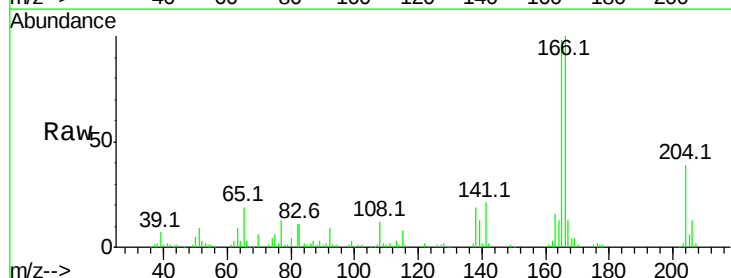
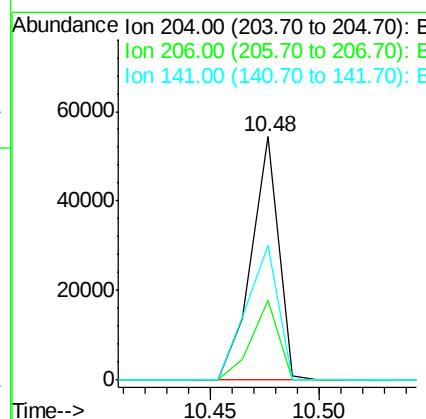
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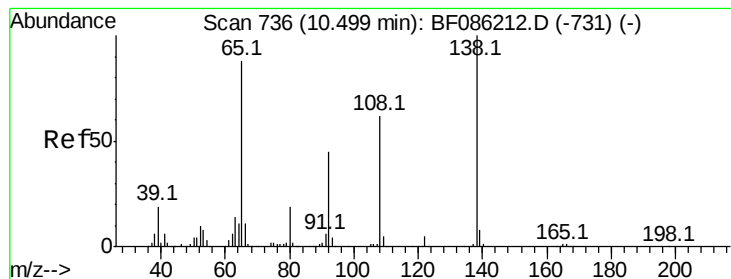
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#60
4-Chlorophenyl-phenylether
Concen: 3.99 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	47425		
206	32.5	26.2	39.2	
141	55.3	55.4	83.0	





#61

4-Nitroaniline

Concen: 2.82 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

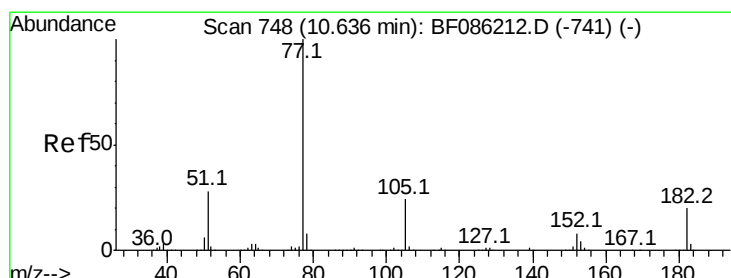
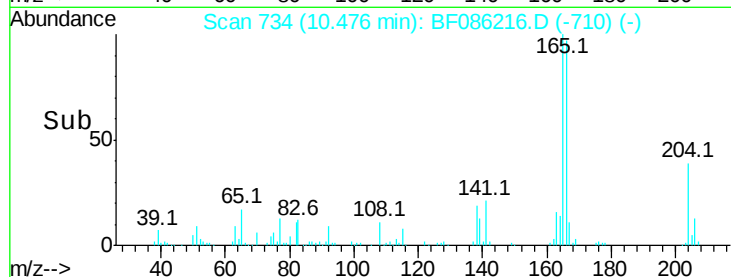
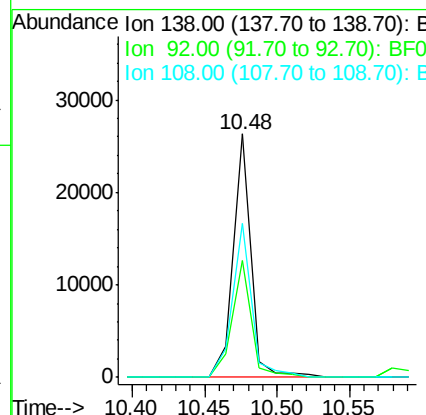
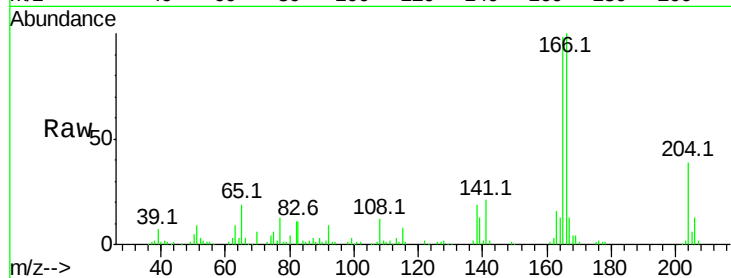
ClientSampleId :

SSTDICC2.5

Tot Ion:	138	Resp:	22389
Ion Ratio	Lower	Upper	
138	100		
92	48.1	31.9	71.9
108	63.1	58.7	98.7

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#62

Azobenzene

Concen: 2.84 ng

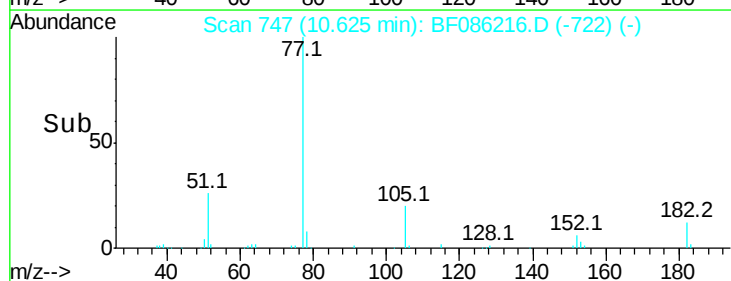
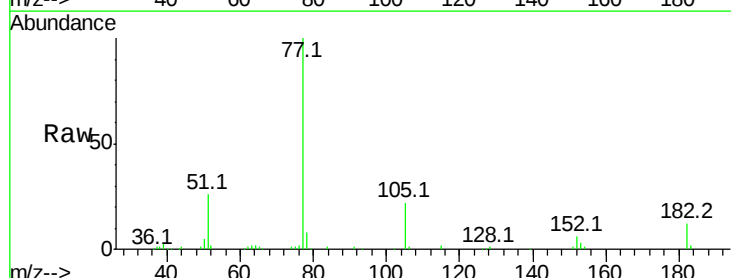
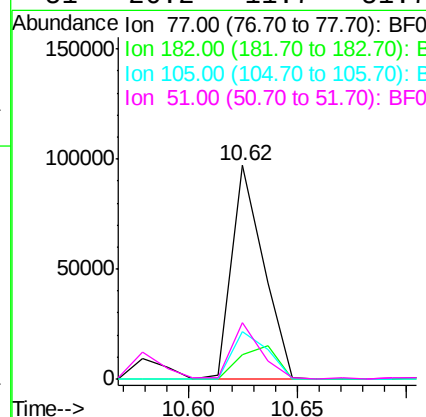
RT: 10.62 min Scan# 747

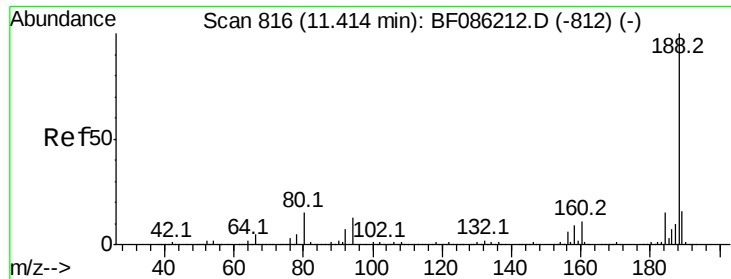
Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:	77	Resp:	97904
Ion Ratio	Lower	Upper	
77	100		
182	11.6	2.3	42.3
105	22.0	3.4	43.4
51	26.2	11.7	51.7





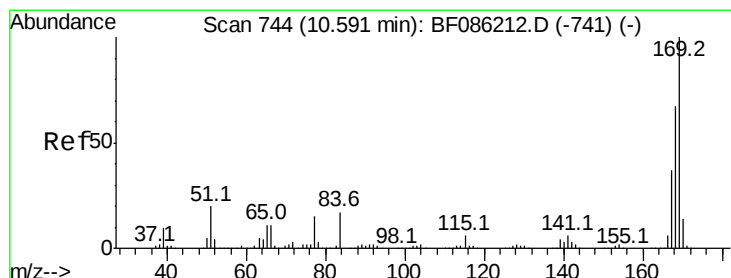
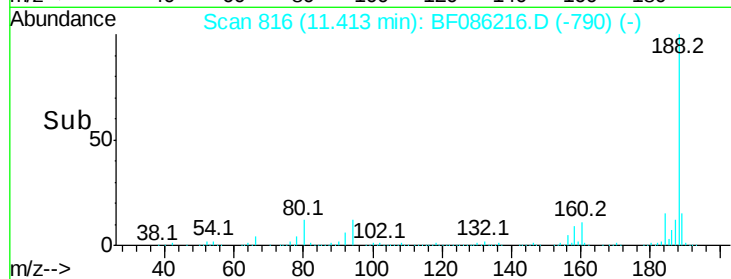
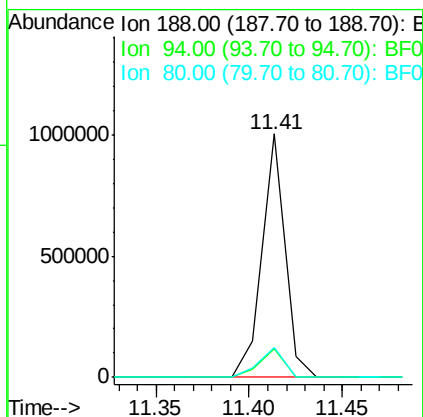
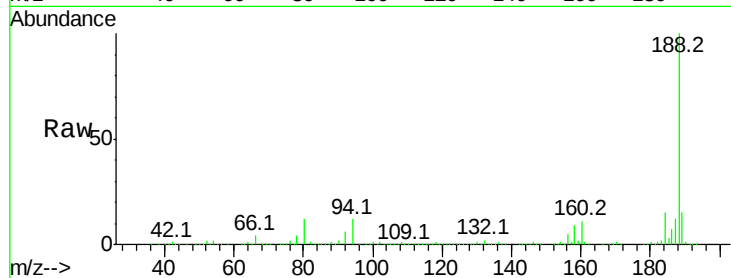
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.7	9.8	14.8	
80	12.1	10.5	15.7	

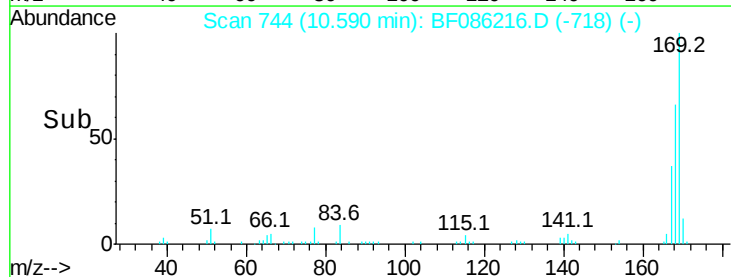
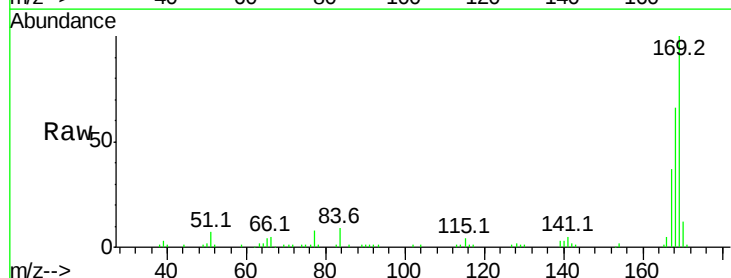
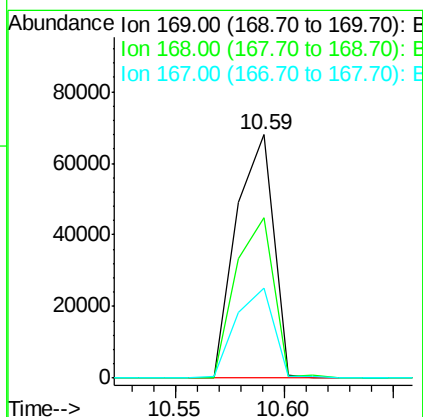
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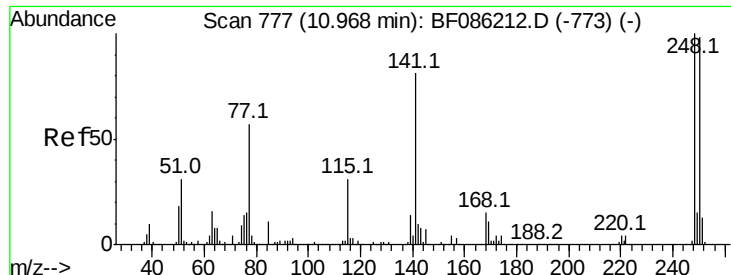
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#65
 n-Nitrosodiphenylamine
 Concen: 3.08 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.0	54.3	81.5	
167	36.8	30.2	45.2	





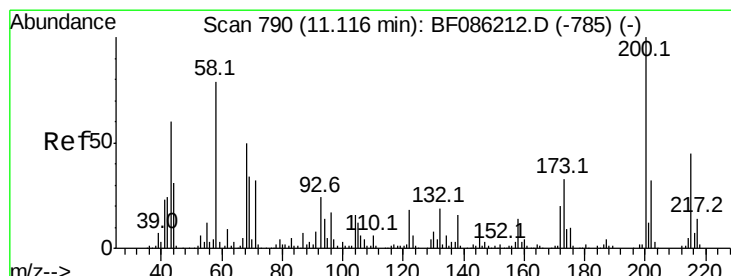
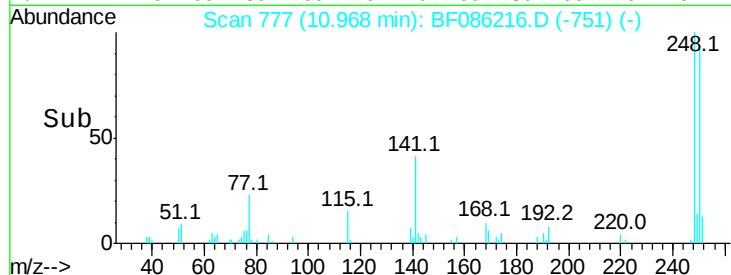
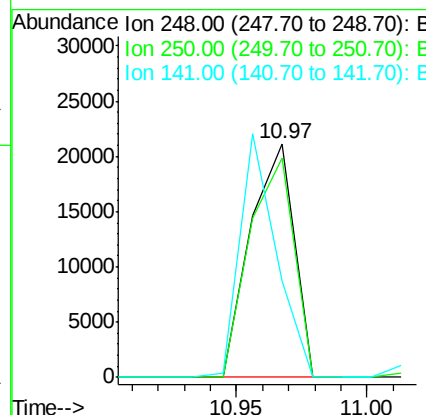
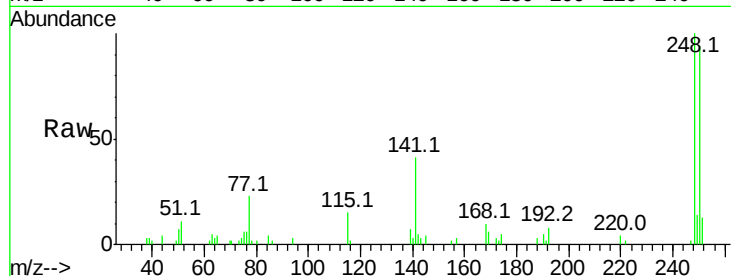
#66
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.8	78.6	118.0
141	41.1	57.9	86.9#

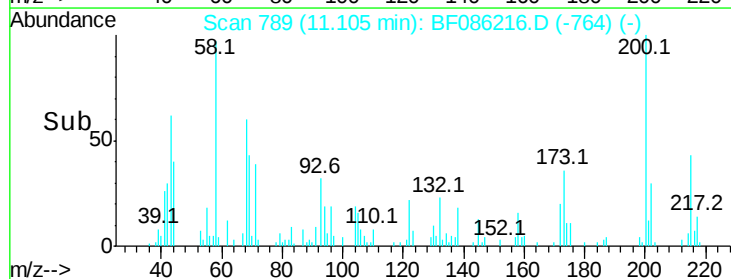
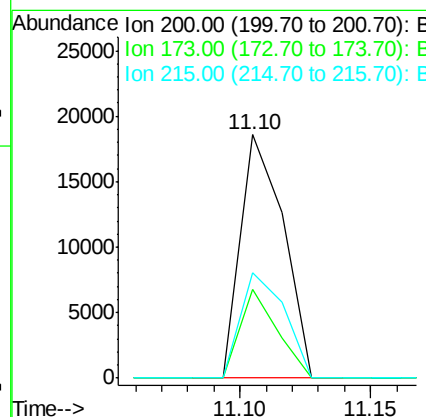
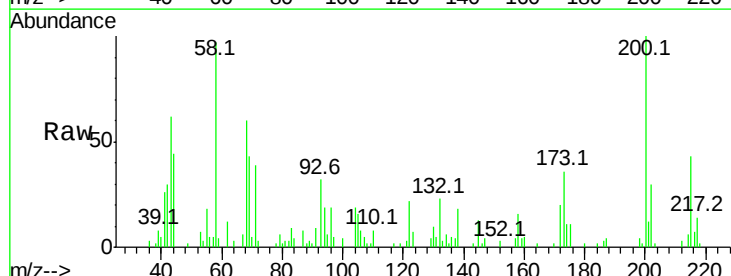
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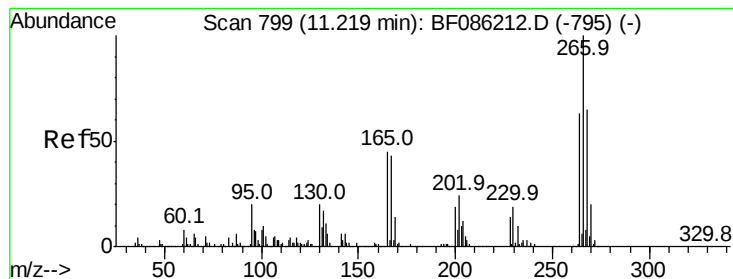
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#68
Atrazine
Concen: 2.68 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	36.5	11.2	51.2
215	43.3	24.0	64.0





#69

Pentachlorophenol

Concen: 2.12 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

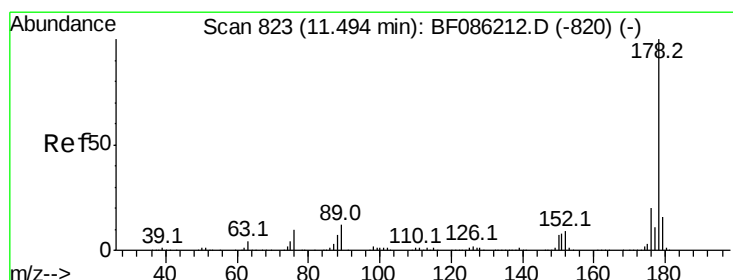
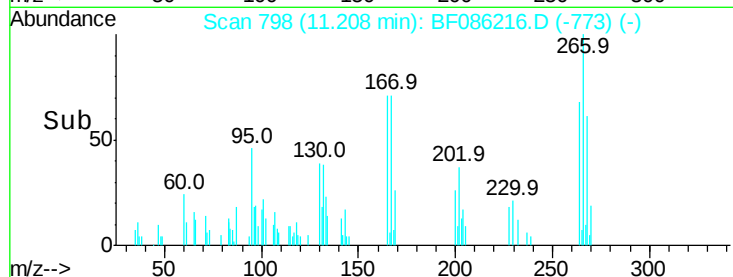
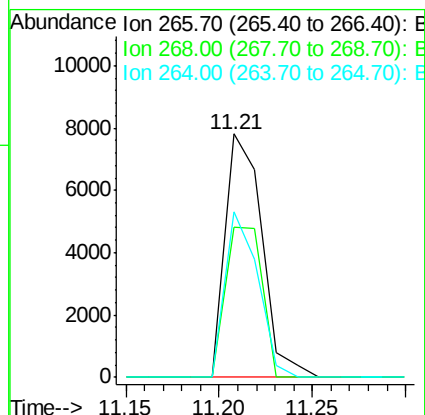
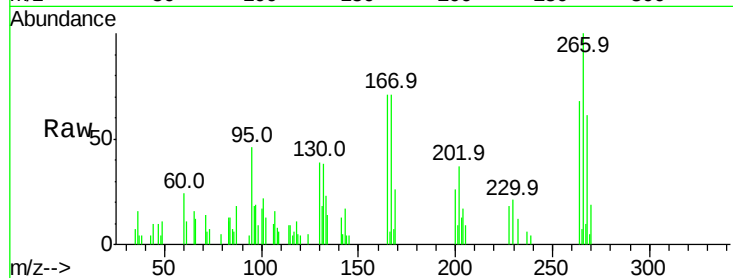
ClientSampled :

SSTDICC2.5

Tot Ion:	266	Resp:	10713
Ion Ratio	Lower	Upper	
266	100		
268	61.4	53.0	79.4
264	68.2	51.3	76.9

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#71

Anthracene

Concen: 3.30 ng

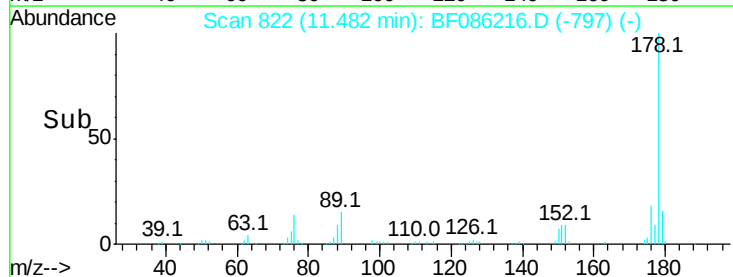
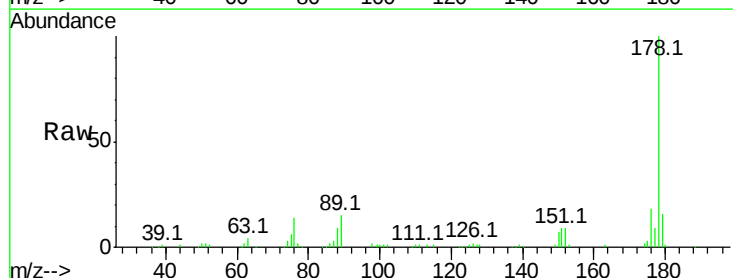
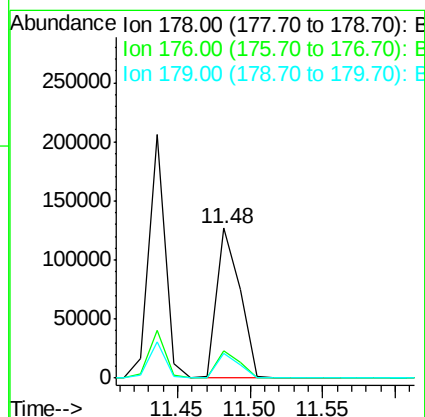
RT: 11.48 min Scan# 822

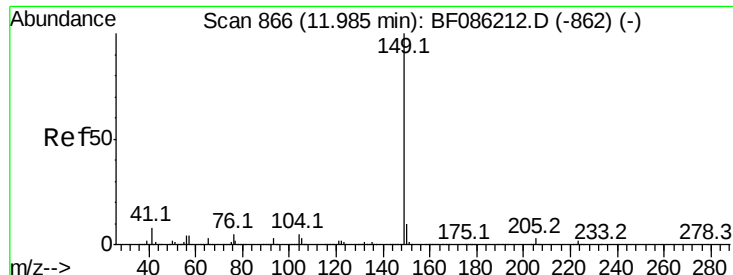
Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:	178	Resp:	141650
Ion Ratio	Lower	Upper	
178	100		
176	18.3	16.2	24.4
179	16.1	13.2	19.8





#73

Di-n-butylphthalate

Concen: 2.89 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

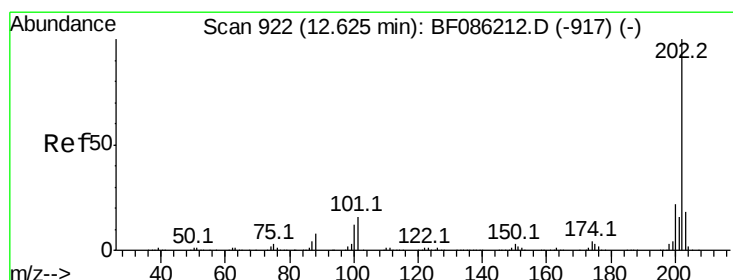
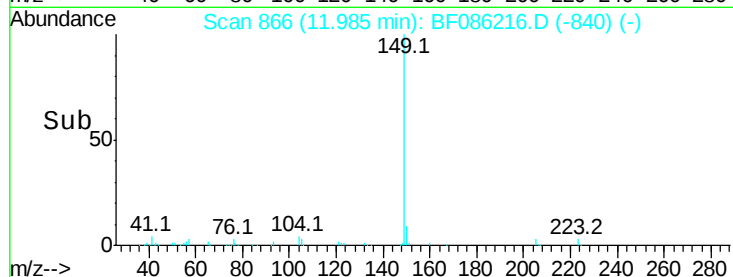
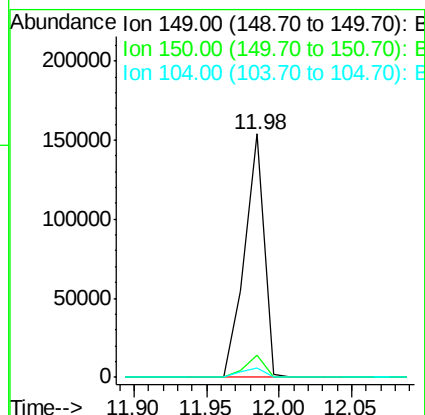
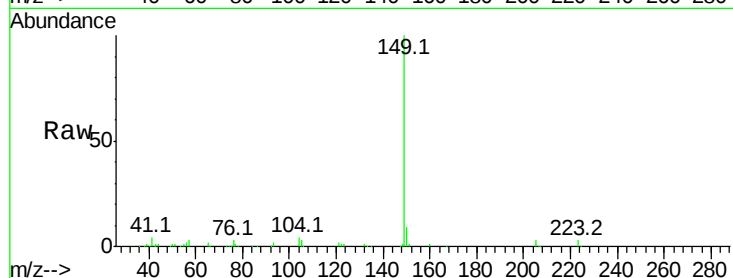
ClientSampleId :

SSTDICC2.5

Tot Ion:	149	Resp:	144799
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.8
104	3.6	4.1	6.1#

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#74

Fluoranthene

Concen: 3.46 ng

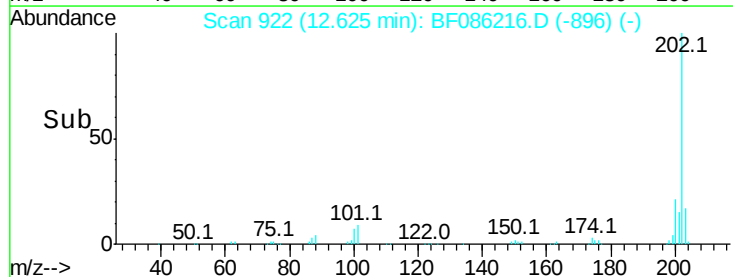
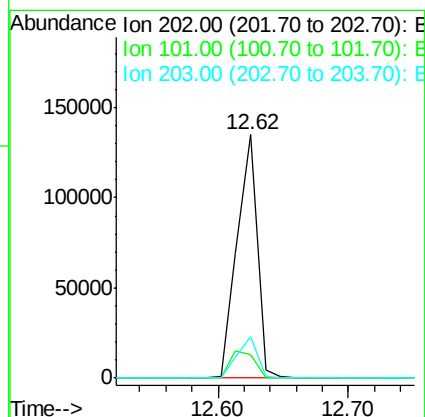
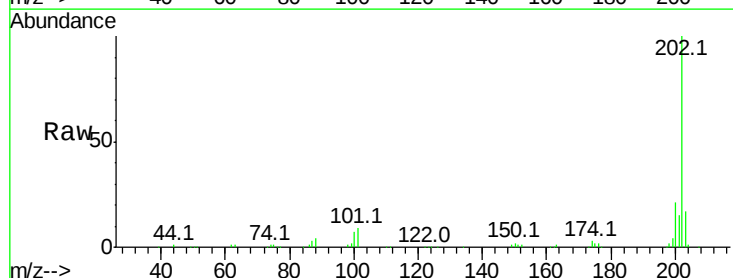
RT: 12.62 min Scan# 922

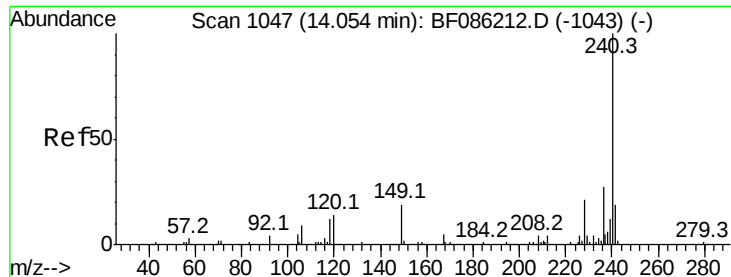
Delta R.T. -0.00 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:	202	Resp:	144490
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	35.2
203	16.9	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

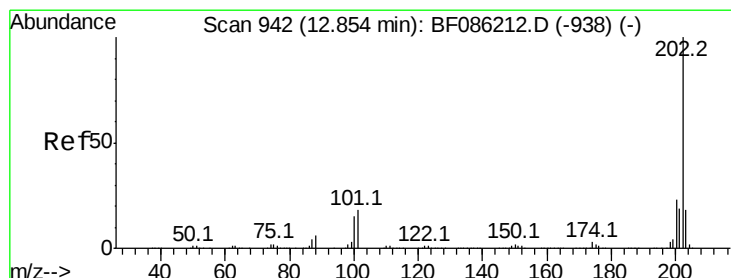
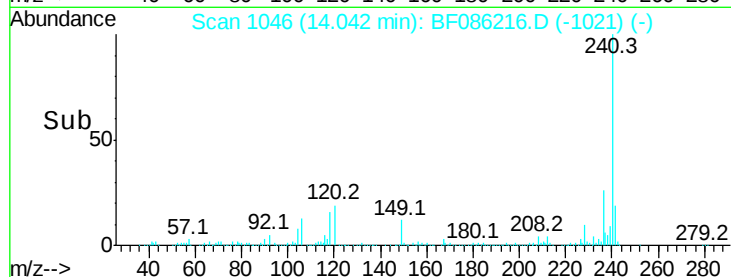
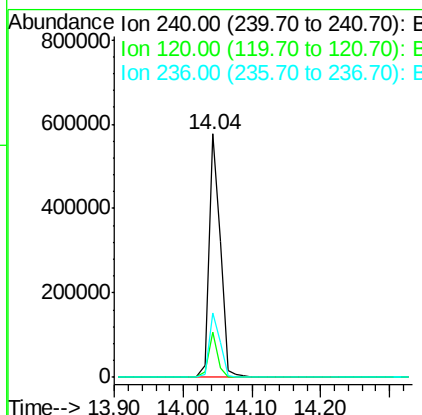
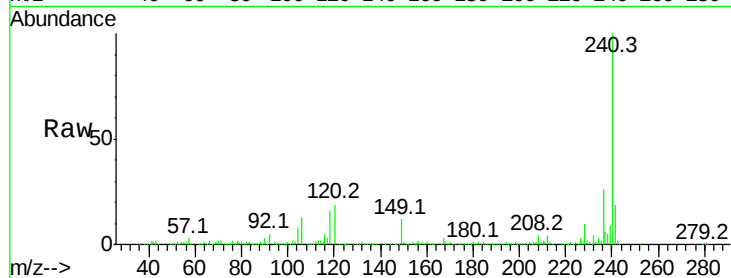
ClientSampleId :

SSTDICC2.5

Tot Ion:	240	Resp:	660601
Ion Ratio	Lower	Upper	
240	100		
120	18.7	9.3	13.9#
236	26.3	21.1	31.7

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#77

Pyrene

Concen: 2.87 ng

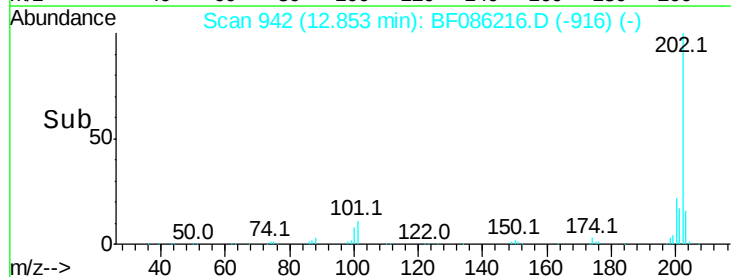
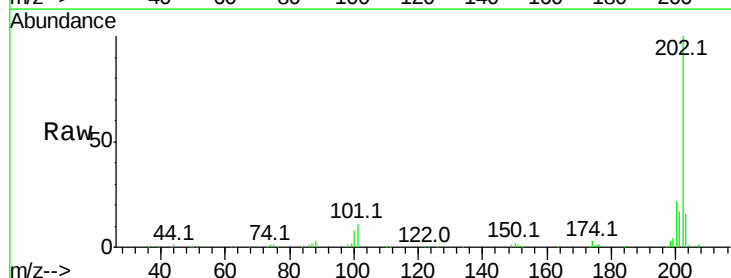
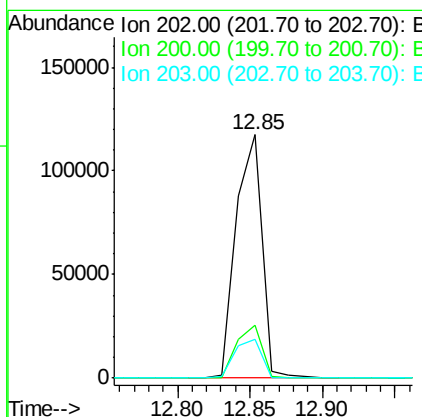
RT: 12.85 min Scan# 942

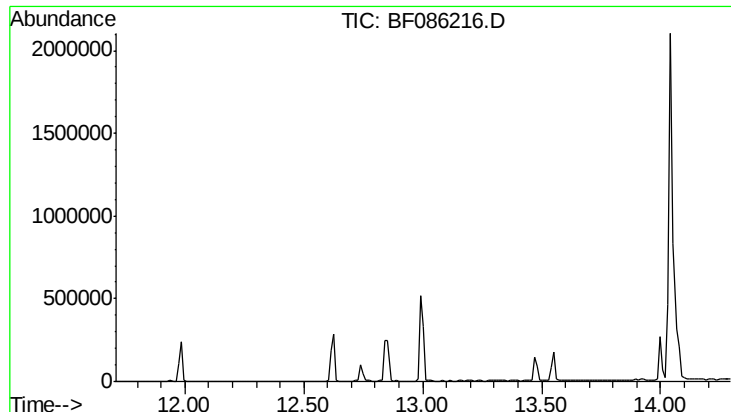
Delta R.T. -0.00 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:	202	Resp:	145377
Ion Ratio	Lower	Upper	
202	100		
200	21.5	18.3	27.5
203	16.0	14.9	22.3





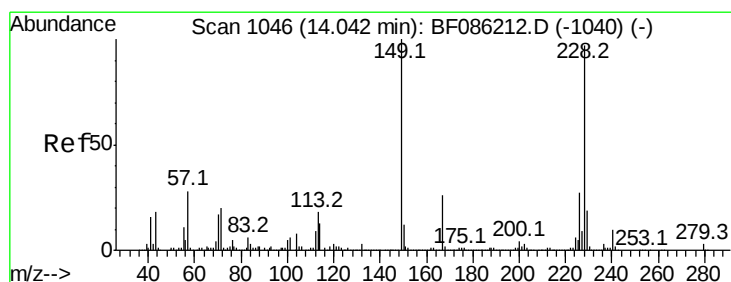
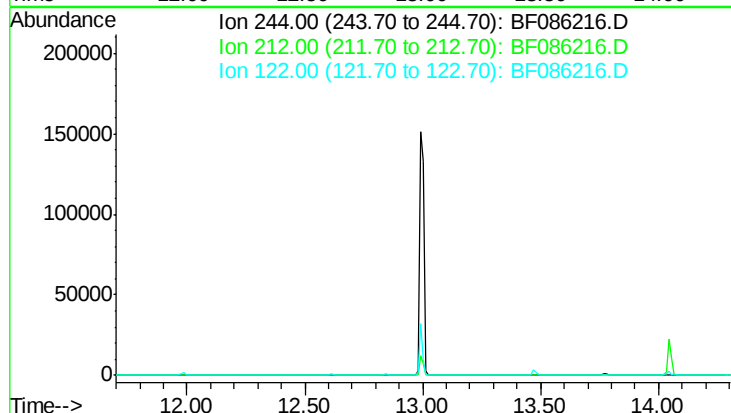
#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 13.00 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 8.0
 122 14.6

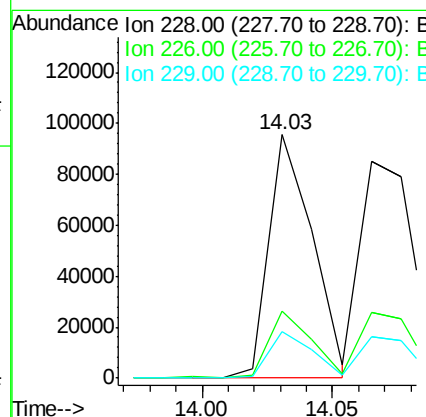
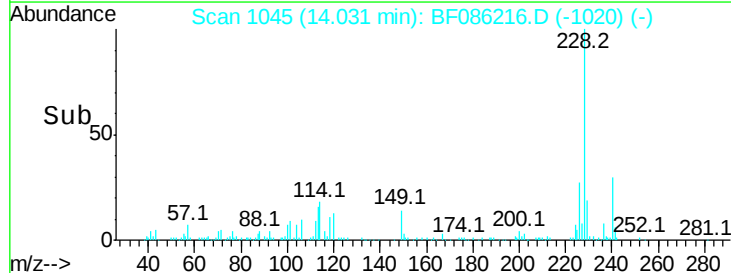
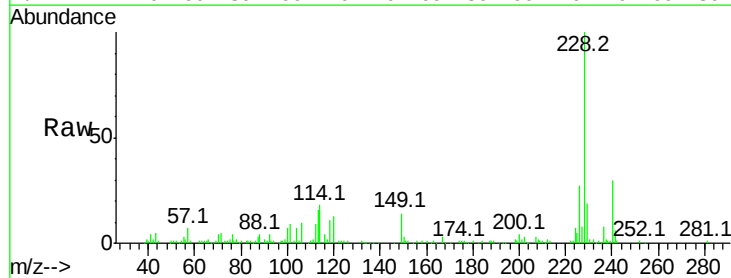
Manual Integrations
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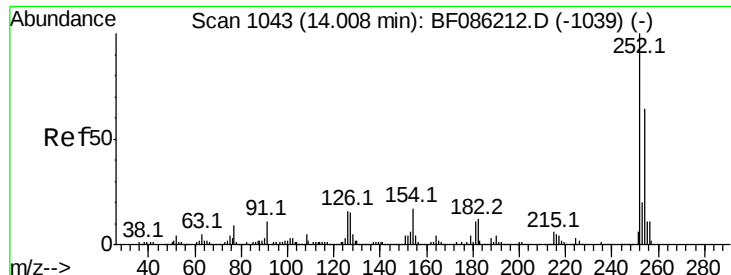
Sohil
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#80
 Benzo(a)anthracene
 Concen: 3.07 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Tgt Ion: 228 Resp: 111499
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.5 33.7
 229 19.2 16.2 24.2





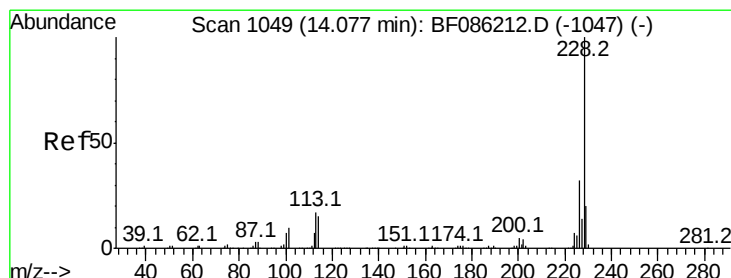
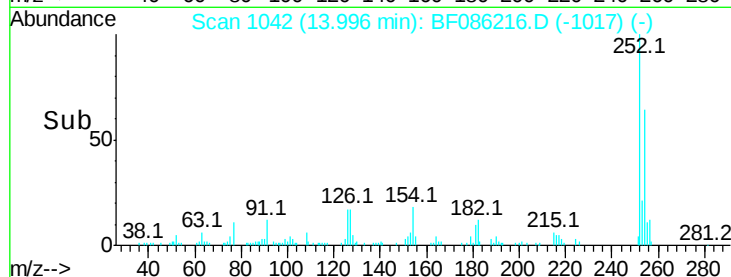
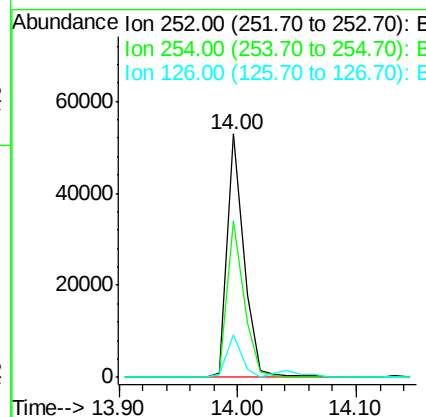
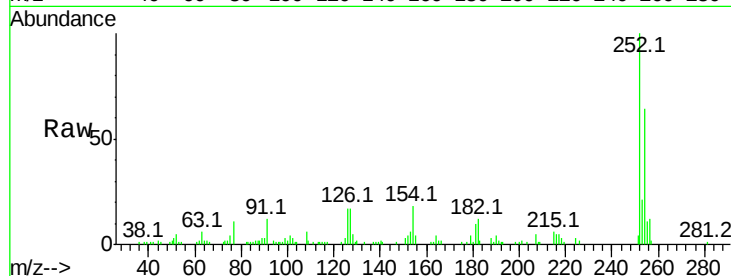
#81
 3,3'-Dichlorobenzidine
 Concen: 2.45 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
252	100	51454		
254	64.5	52.1	78.1	
126	17.5	13.2	19.8	

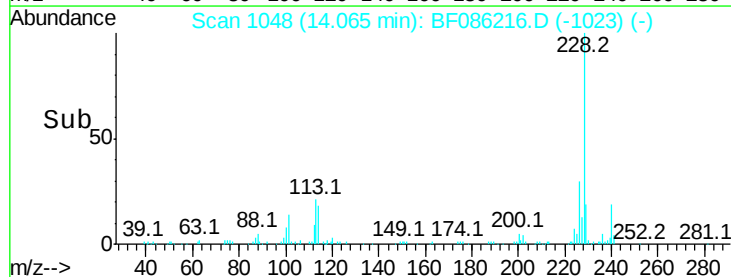
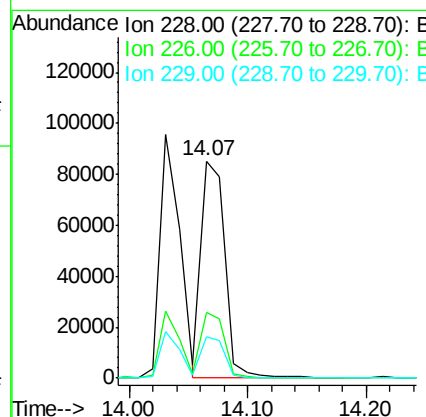
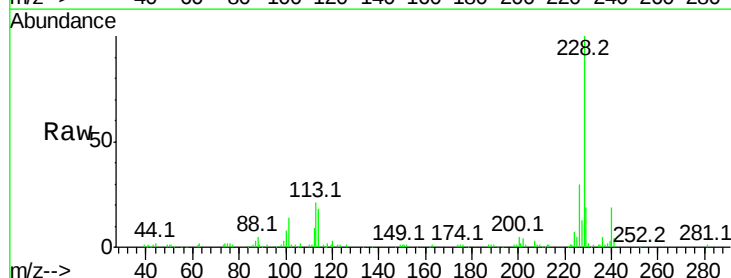
Manual Integrations
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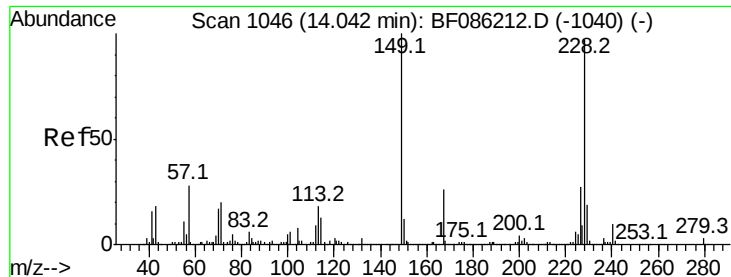
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#82
 Chrysene
 Concen: 3.11 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	120372		
226	30.2	25.4	38.2	
229	18.8	16.5	24.7	





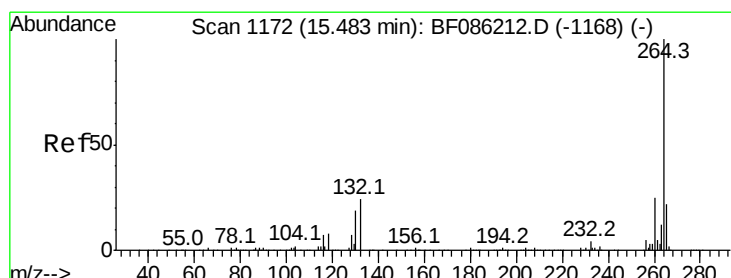
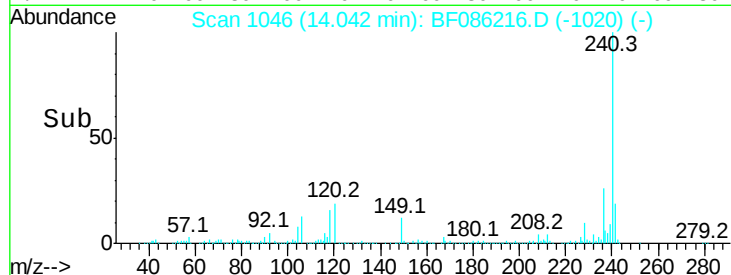
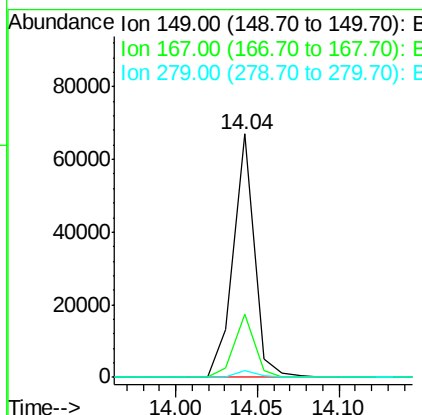
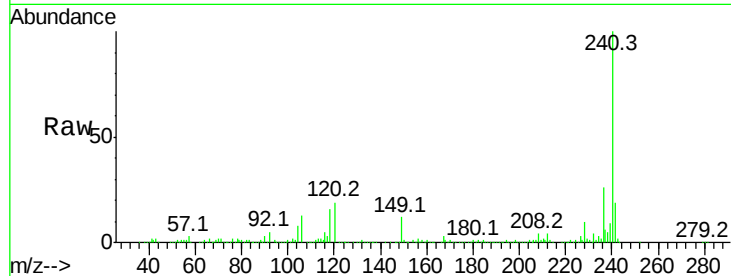
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.36 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
149	100	59662		
167	26.0		21.0	31.4
279	2.6		2.4	3.6

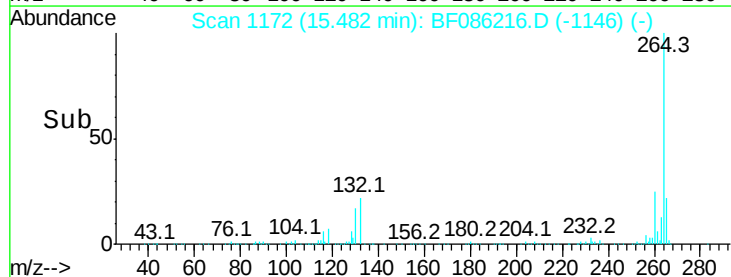
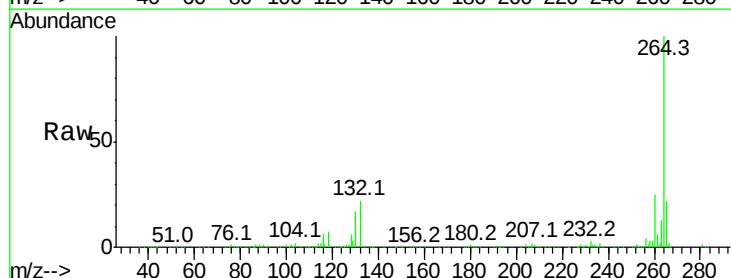
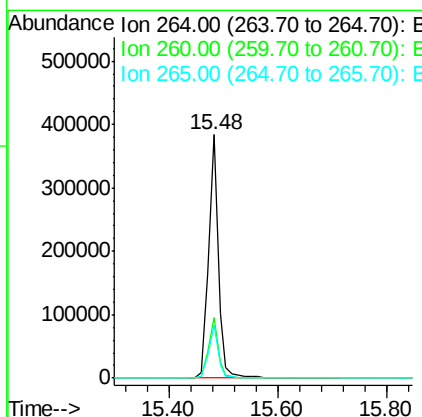
Manual Integrations
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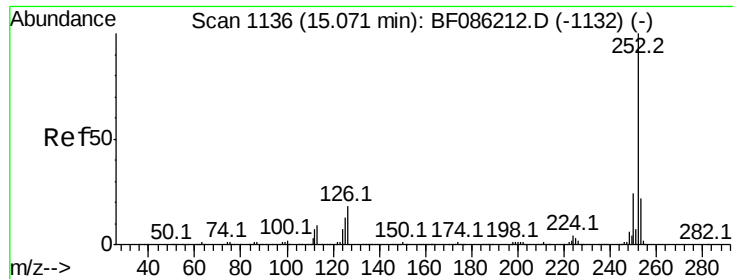
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	480921		
260	24.7		20.0	30.0
265	21.8		17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 3.07 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Instrument :

BNA_F

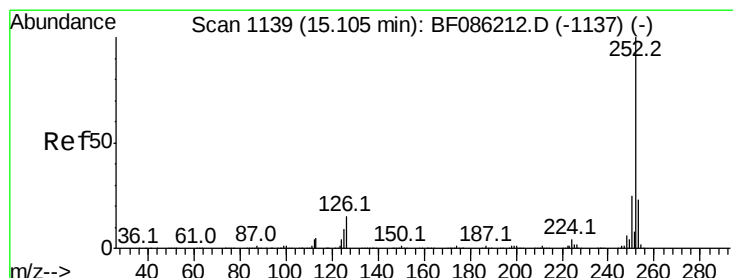
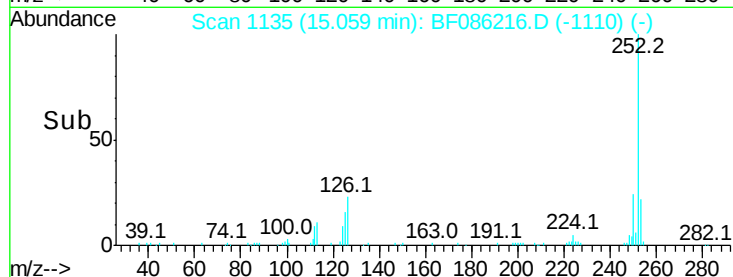
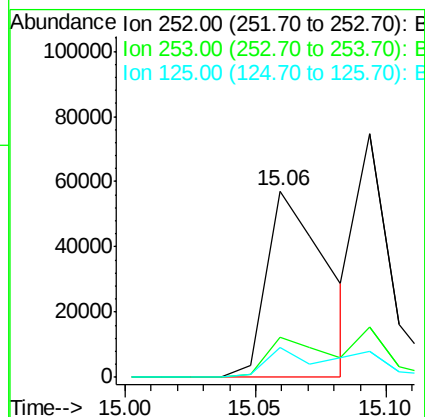
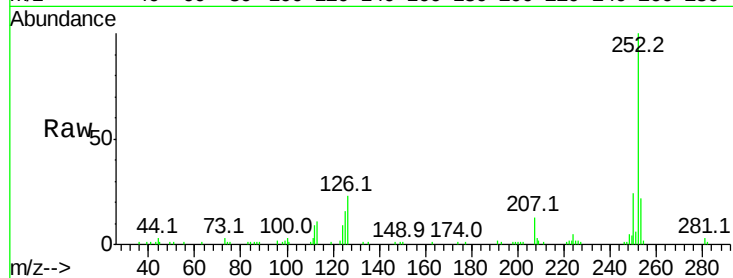
ClientSampleId :

SSTDICC2.5

Tot Ion:252	Resp:	91052
Ion Ratio	Lower	Upper
252	100	
253	21.8	17.7 26.5
125	15.9	10.3 15.5#

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#88

Benzo(k)fluoranthene

Concen: 2.53 ng m

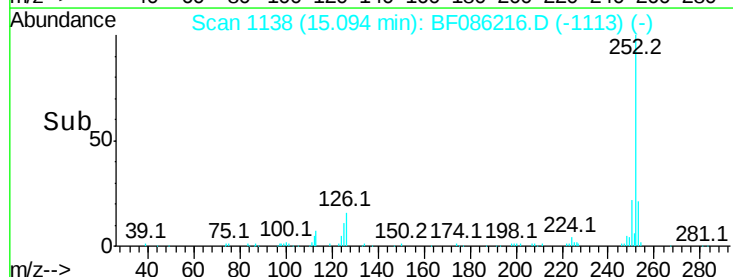
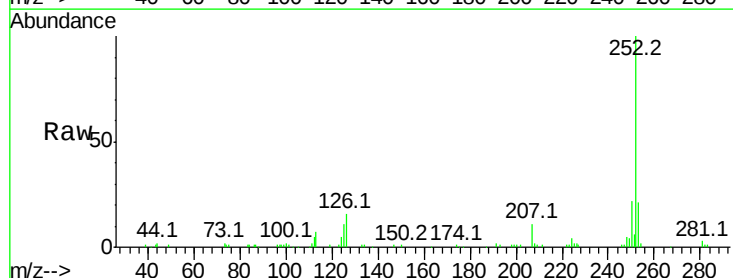
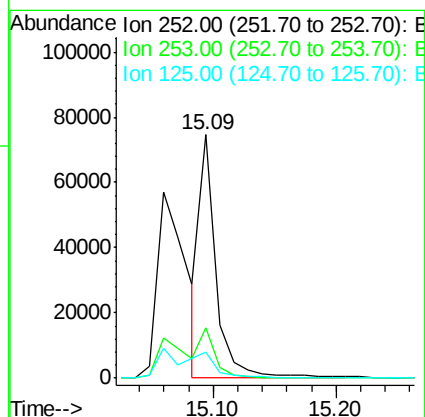
RT: 15.09 min Scan# 1138

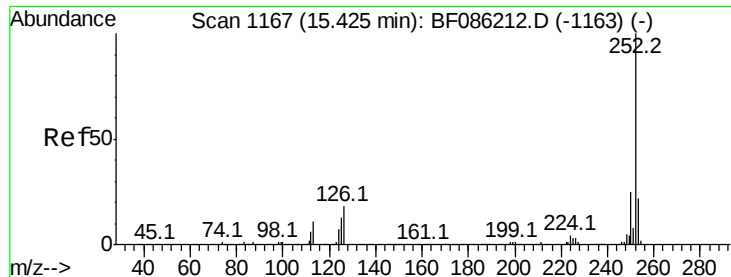
Delta R.T. -0.01 min

Lab File: BF086216.D

Acq: 15 Apr 2016 14:49

Tgt Ion:252	Resp:	71299
Ion Ratio	Lower	Upper
252	100	
253	20.5	17.5 26.3
125	10.9	7.8 11.6





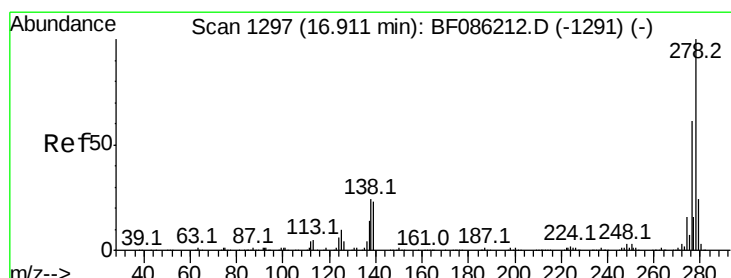
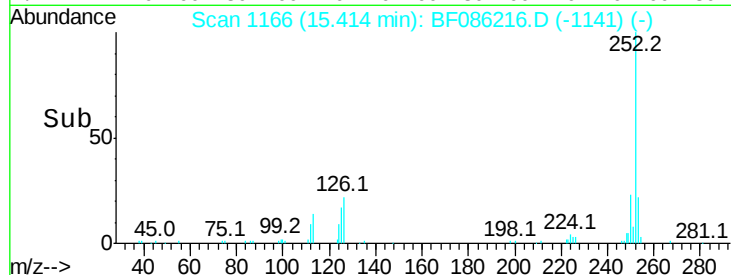
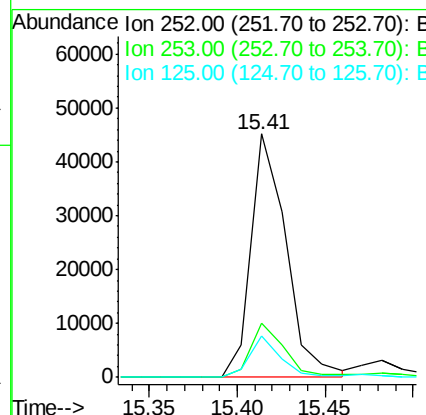
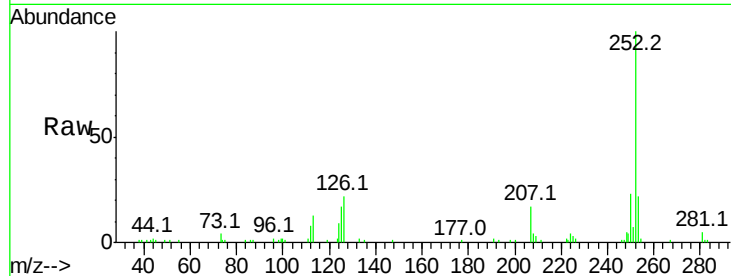
#89
Benzo(a)pyrene
Concen: 2.79 ng/ml
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	17.0	11.2	16.8

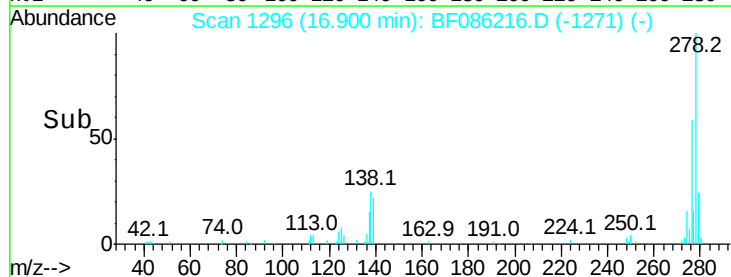
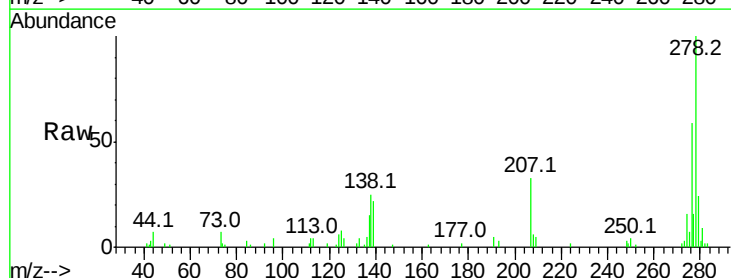
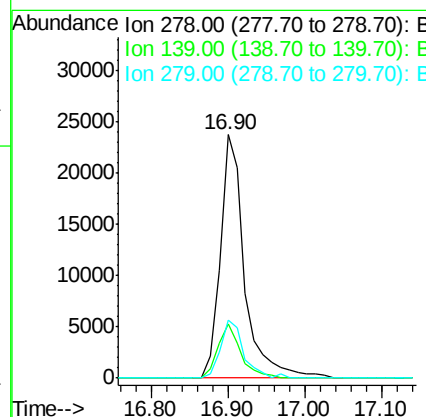
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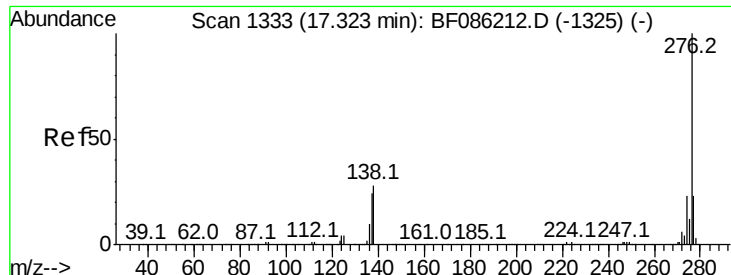
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#90
Dibenzo(a,h)anthracene
Concen: 2.31 ng/ml
RT: 16.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF086216.D
Acq: 15 Apr 2016 14:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.3	22.9
279	24.0	19.1	28.7





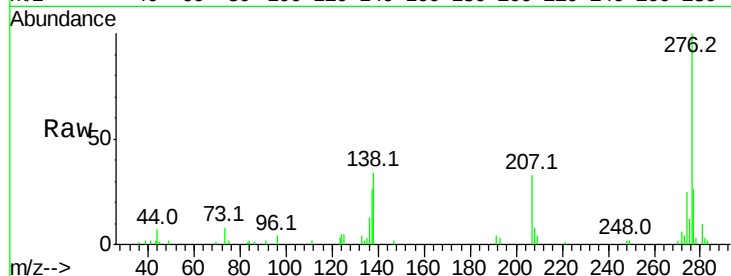
#91
 Benzo(a,h,i)perylene
 Concen: 2.22 ng
 RT: 17.30 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF086216.D
 Acq: 15 Apr 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.0	28.6
138	34.1	19.6	29.4

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

