

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091831.D
 Acq On : 21 Dec 2016 13:10
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

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 12/22/2016 7:08:32 PM

Quant Time: Dec 21 14:27:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 14:14:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	281045	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1104167	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	600856	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	919323	20.00	ng	0.00
75) Chrysene-d12	13.91	240	764205	20.00	ng	0.00
86) Perylene-d12	15.30	264	642709	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	830690	49.52	ng	0.00
7) Phenol-d6	6.40	99	1017186	49.72	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1093004	57.08	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	267084	52.42	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1705432	57.02	ng	0.00
78) Terphenyl-d14	12.85	244	1450762	47.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	205171	24.84	ng	100
3) Pyridine	2.99	79	650881	24.46	ng	96
4) n-Nitrosodimethylamine	2.93	42	259183	25.16	ng	98
6) Aniline	6.41	93	657928	24.99	ng	# 81
8) 2-Chlorophenol	6.53	128	475057	25.73	ng	99
9) Benzaldehyde	6.29	77	333699	26.30	ng	99
10) Phenol	6.41	94	559363	24.26	ng	86
11) bis(2-Chloroethyl)ether	6.49	93	462812	25.13	ng	98
12) 1,3-Dichlorobenzene	6.69	146	511105	25.20	ng	99
13) 1,4-Dichlorobenzene	6.76	146	497985	24.27	ng	99
14) 1,2-Dichlorobenzene	6.92	146	495215	27.55	ng	98
15) Benzyl Alcohol	6.90	79	415659	26.24	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	666601	23.69	ng	100
17) 2-Methylphenol	7.02	107	399422	25.88	ng	98
18) Hexachloroethane	7.26	117	194196	25.48	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	351335	25.82	ng	94
20) 3+4-Methylphenols	7.17	107	473527	27.51	ng	# 85
22) Acetophenone	7.16	105	667058	25.02	ng	97
24) Nitrobenzene	7.33	77	497452	24.19	ng	99
25) Isophorone	7.57	82	899897	24.63	ng	# 93
26) 2-Nitrophenol	7.65	139	260837	26.30	ng	97
27) 2,4-Dimethylphenol	7.70	122	400908	24.78	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	527917	24.70	ng	99
29) 2,4-Dichlorophenol	7.90	162	390213	26.15	ng	96
30) 1,2,4-Trichlorobenzene	7.98	180	418997	25.91	ng	99
31) Naphthalene	8.05	128	1325183	25.12	ng	99
32) Benzoic acid	7.82	122	320281	27.77	ng	99
33) 4-Chloroaniline	8.11	127	584005	26.28	ng	99
34) Hexachlorobutadiene	8.18	225	232119	25.53	ng	99
35) Caprolactam	8.48	113	120502	25.09	ng	# 60
36) 4-Chloro-3-methylphenol	8.60	107	427548	25.97	ng	99
37) 2-Methylnaphthalene	8.75	142	912375	27.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	377208	25.19	ng	100
40) Hexachlorocyclopentadiene	8.90	237	137511	21.66	ng	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	270325	25.26	nq	100
43) 2,4,5-Trichlorophenol	9.07	196	268359	25.53	nq	97
45) 1,1'-Biphenyl	9.22	154	1074928	24.96	nq	97
46) 2-Chloronaphthalene	9.24	162	825452	25.65	nq	96
47) 2-Nitroaniline	9.33	65	260909	23.74	nq	99
48) Acenaphthylene	9.65	152	1337047	26.81	nq	98
49) Dimethylphthalate	9.52	163	898726	22.90	nq	98
50) 2,6-Dinitrotoluene	9.58	165	216625	25.17	nq	# 77
51) Acenaphthene	9.82	154	915136	26.74	nq	99
52) 3-Nitroaniline	9.74	138	240737	22.47	nq	100
53) 2,4-Dinitrophenol	9.86	184	112202	24.14	nq	98
54) Dibenzofuran	10.00	168	1147573	28.20	nq	93
55) 4-Nitrophenol	9.92	139	172656	23.20	nq	95
56) 2,4-Dinitrotoluene	9.98	165	289860	26.96	nq	85
57) Fluorene	10.34	166	907545	28.71	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	208133	23.95	nq	99
59) Diethylphthalate	10.21	149	893312	23.15	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	383222	26.61	nq	94
61) 4-Nitroaniline	10.36	138	277979	27.38	nq	85
62) Azobenzene	10.49	77	1037907	25.28	nq	96
64) 4,6-Dinitro-2-methylphenol	10.38	198	148273	24.45	nq	# 25
65) n-Nitrosodiphenylamine	10.45	169	751282	26.32	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	267459	27.74	nq	# 87
67) Hexachlorobenzene	10.89	284	274076	27.13	nq	# 87
68) Atrazine	10.98	200	234797	27.22	nq	98
69) Pentachlorophenol	11.08	266	133687	24.53	nq	99
70) Phenanthrene	11.29	178	1267607	27.59	nq	98
71) Anthracene	11.34	178	1363399	28.02	nq	98
72) Carbazole	11.50	167	1287328	30.26	nq	97
73) Di-n-butylphthalate	11.84	149	1415154	25.94	nq	98
74) Fluoranthene	12.48	202	1284215	26.77	nq	97
76) Benzidine	12.60	184	565127	25.69	nq	98
77) Pyrene	12.70	202	1350304	24.47	nq	99
79) Butylbenzylphthalate	13.33	149	615973	23.85	nq	# 82
80) Benzo(a)anthracene	13.89	228	1013329	23.18	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	424875	24.29	nq	# 97
82) Chrysene	13.93	228	1029684	22.73	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	731758	22.33	nq	# 98
84) Di-n-octyl phthalate	14.50	149	1309979	21.70	nq	98
85) Indeno(1,2,3-cd)pyrene	16.64	276	836183	18.77	nq	99
87) Benzo(b)fluoranthene	14.91	252	1183670m	29.04	nq	
88) Benzo(k)fluoranthene	14.93	252	740814m	25.91	nq	
89) Benzo(a)pyrene	15.24	252	899269	25.71	nq	97
90) Dibenzo(a,h)anthracene	16.65	278	720445	23.63	nq	97
91) Benzo(g,h,i)perylene	17.04	276	721628	23.29	nq	97

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

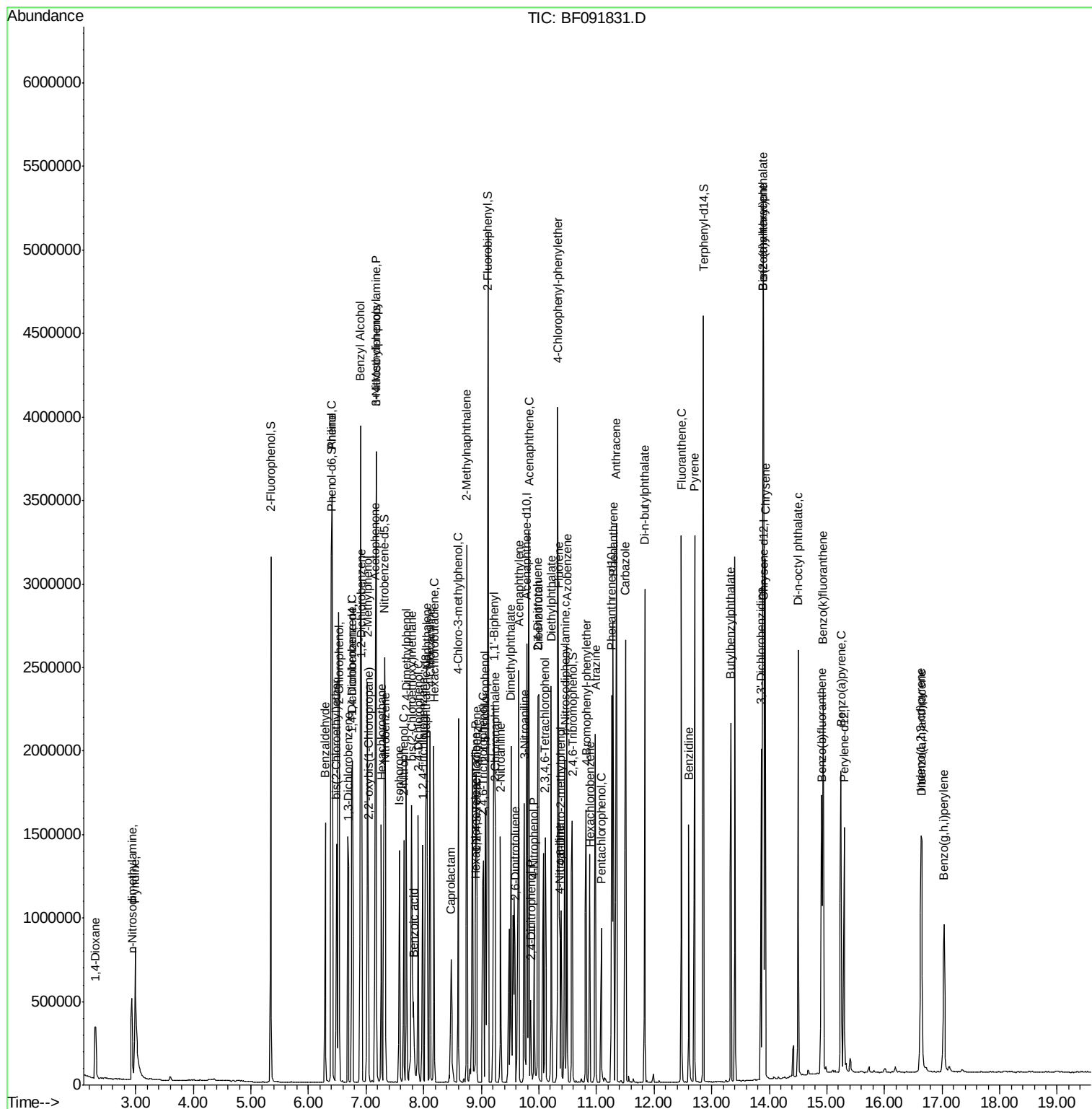
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\  
Data File : BF091831.D  
Acq On    : 21 Dec 2016  13:10  
Operator  : UM/SJ  
Sample    : SSTDICC025  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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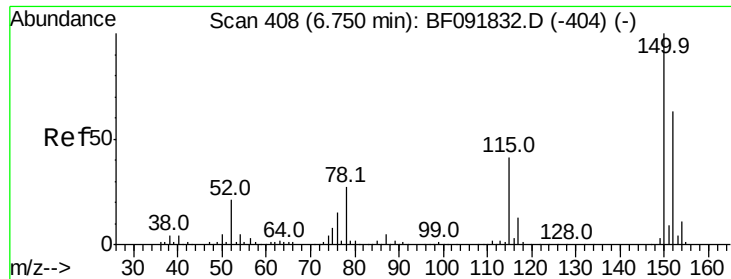
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

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#1

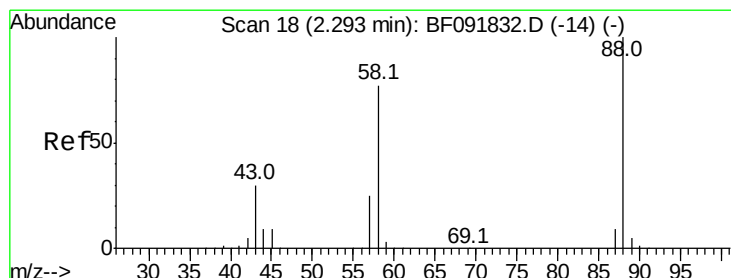
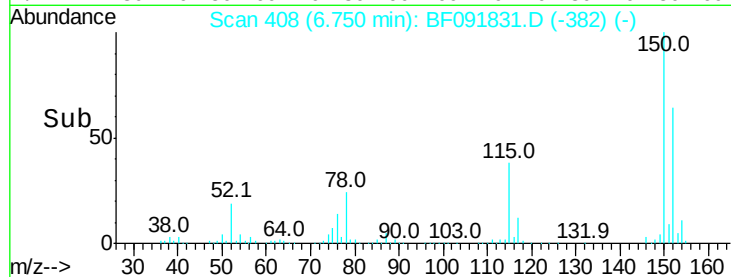
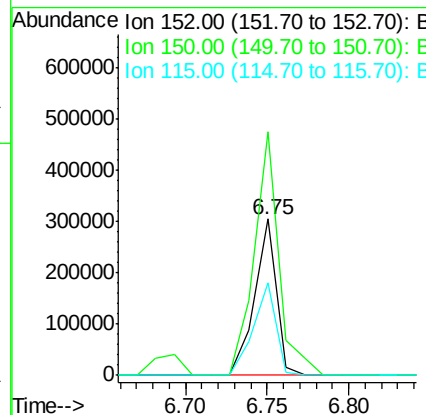
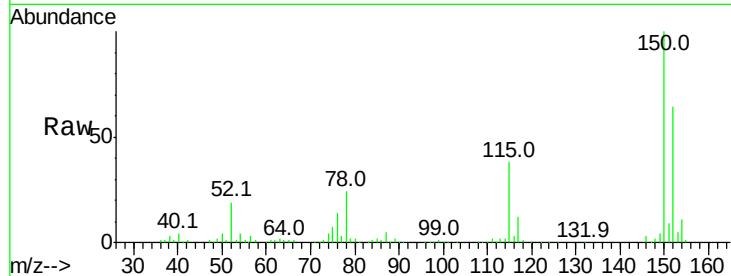
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.9	187.3
115	59.0	46.0	69.0

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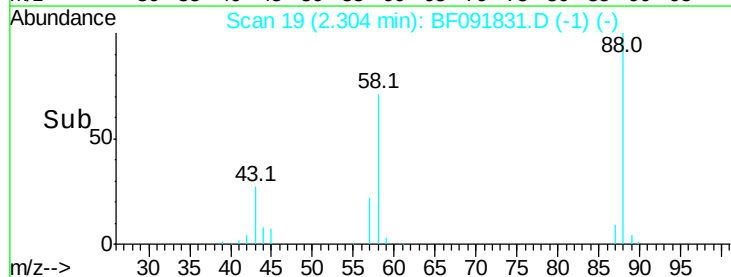
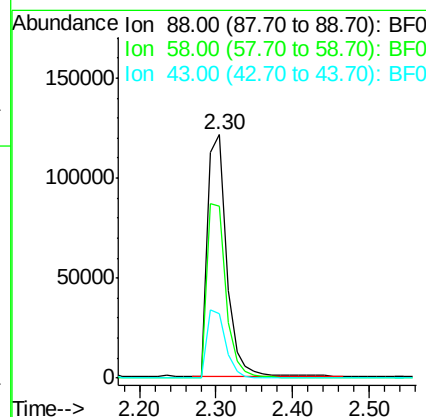
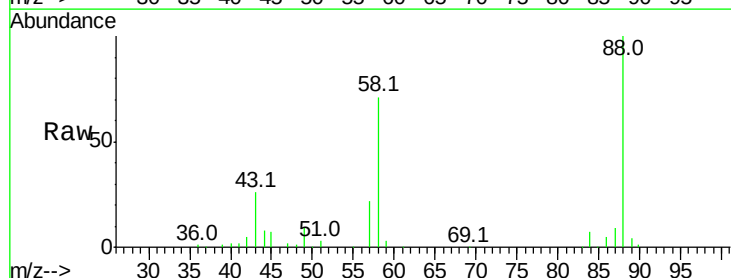
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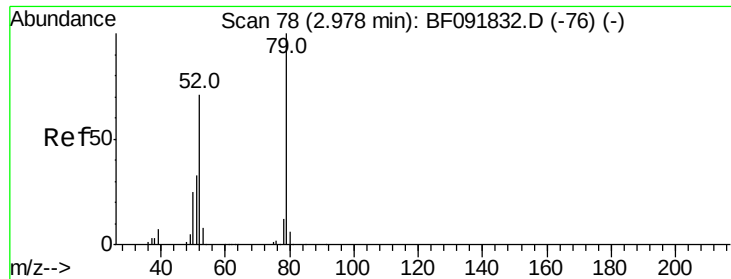


#2

1,4-Dioxane
Concen: 24.84 ng
RT: 2.30 min Scan# 19
Delta R.T. 0.01 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	57.8	86.8
43	28.2	22.3	33.5





#3

Pvridine

Concen: 24.46 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

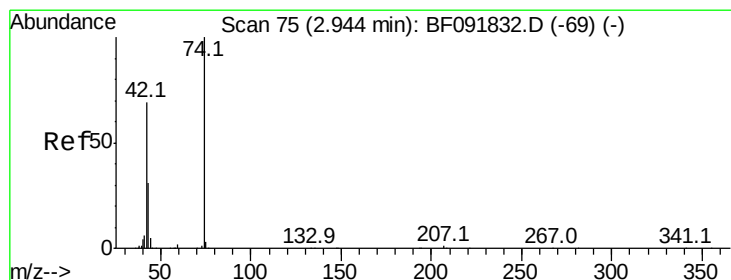
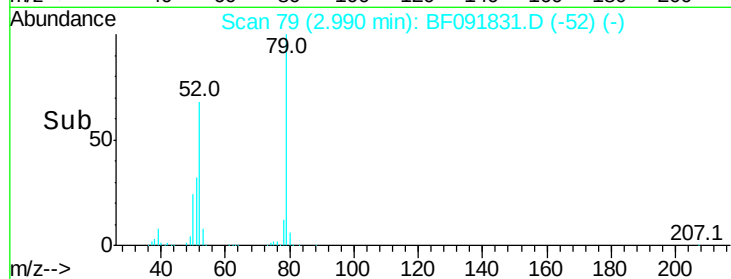
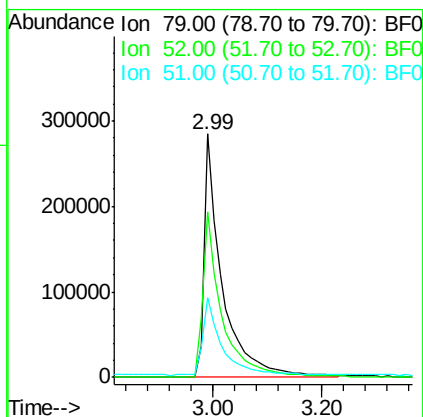
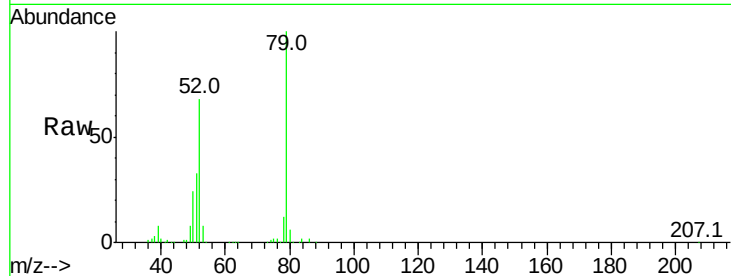
ClientSampleId :

SSTDICC025

Tot Ion:	79	Resp:	650881
Ion Ratio	Lower	Upper	
79	100		
52	67.9	57.1	85.7
51	32.8	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 25.16 ng

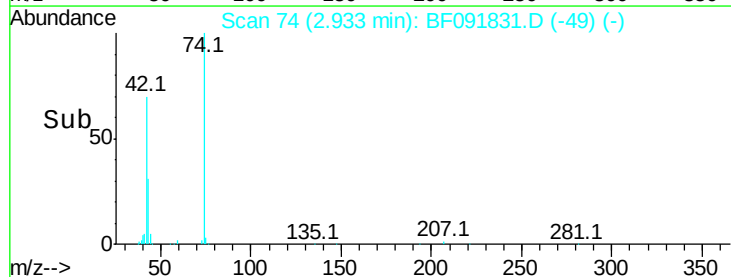
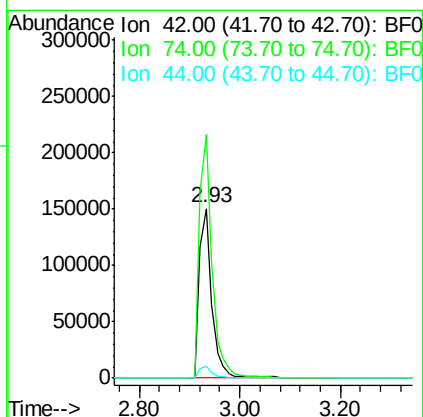
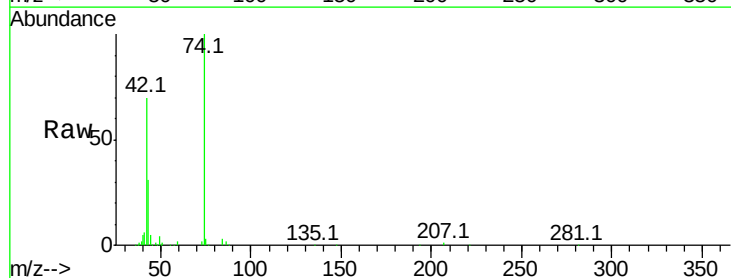
RT: 2.93 min Scan# 74

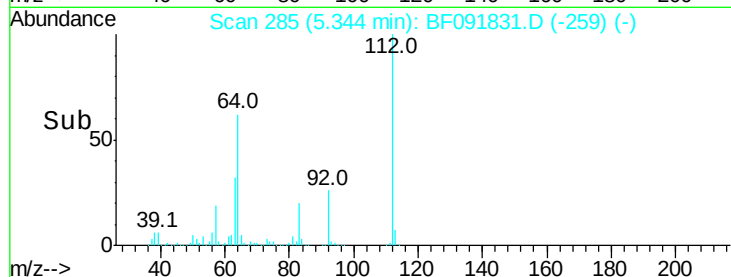
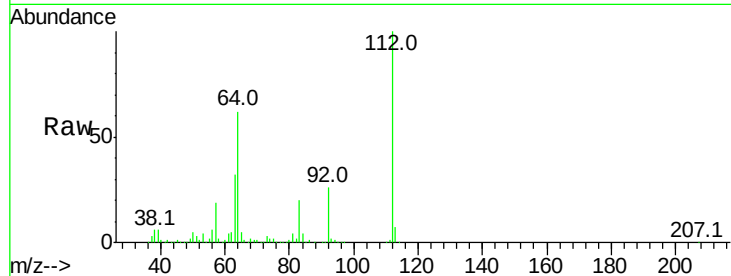
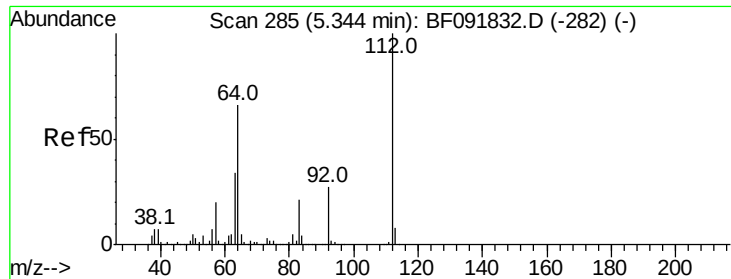
Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion:	42	Resp:	259183
Ion Ratio	Lower	Upper	
42	100		
74	143.4	117.0	175.4
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 49.52 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

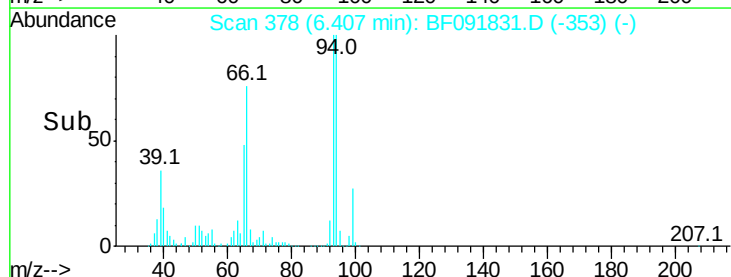
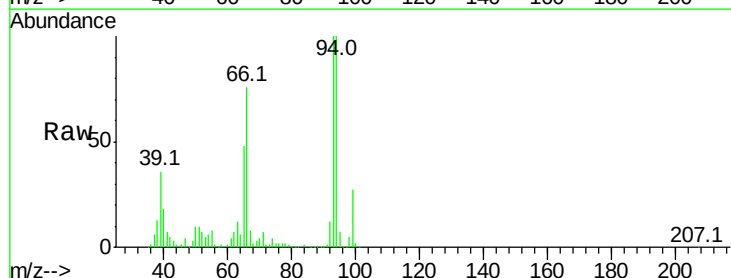
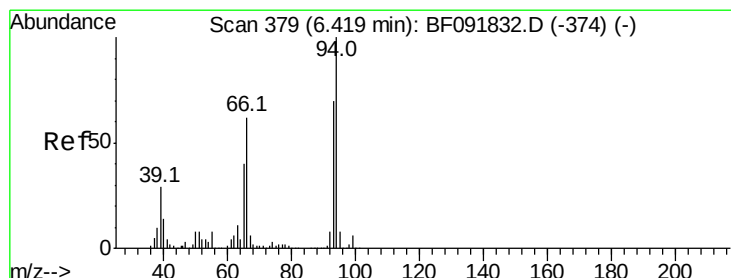
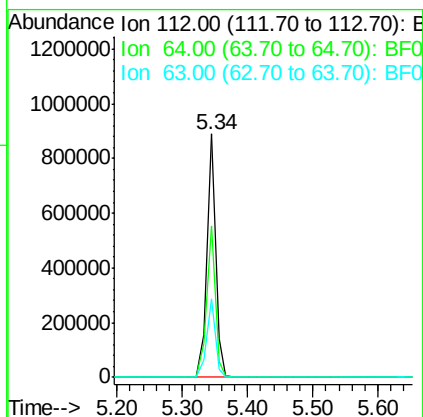
ClientSampleId :

SSTDIC025

Tot Ion:	112	Resp:	830690
Ion Ratio	Lower	Upper	
112	100		
64	62.1	46.1	69.1
63	32.1	23.8	35.6

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#6

Aniline

Concen: 24.99 ng

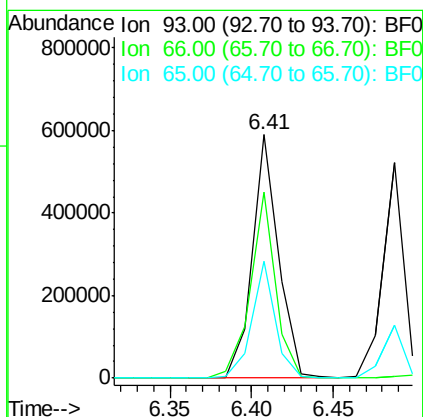
RT: 6.41 min Scan# 378

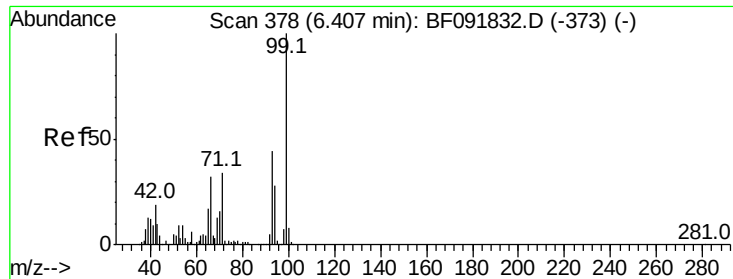
Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion:	93	Resp:	657928
Ion Ratio	Lower	Upper	
93	100		
66	76.4	76.2	114.2
65	47.8	49.3	73.9#





#7

Phenol-d6

Concen: 49.72 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 99 Resp: 1017186

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

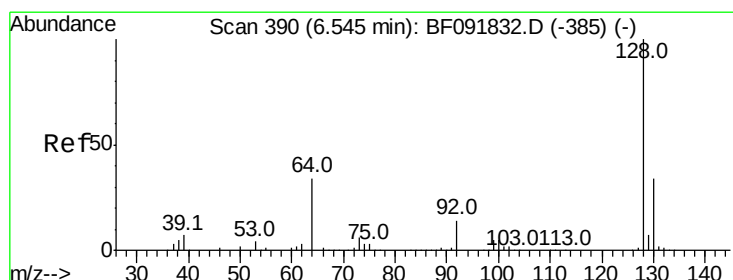
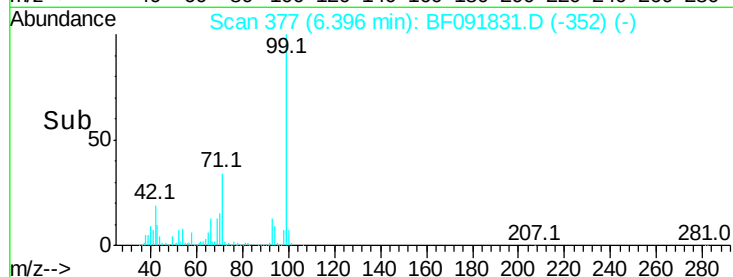
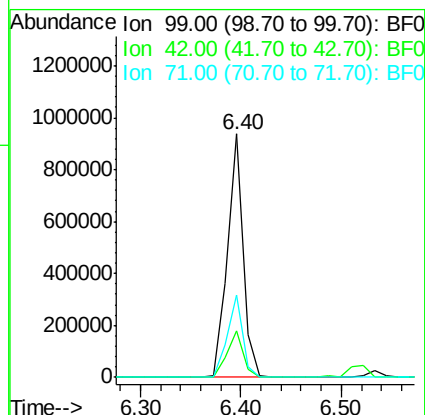
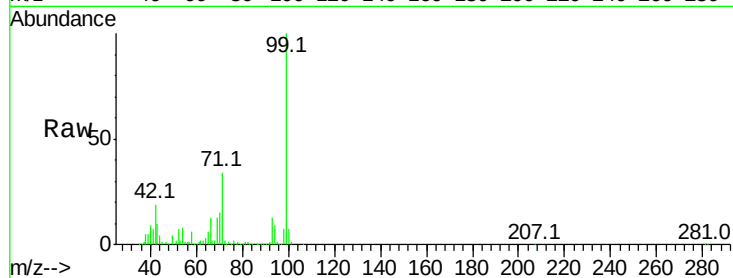
71 33.6 27.5 41.3

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#8

2-Chlorophenol

Concen: 25.73 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

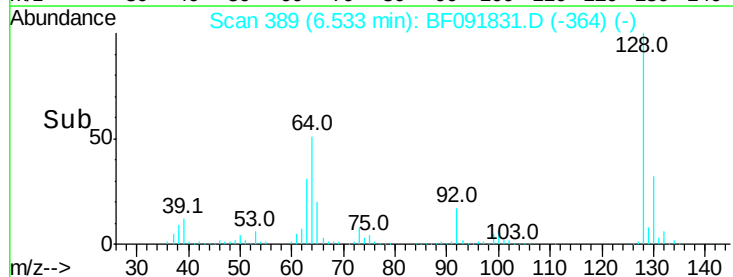
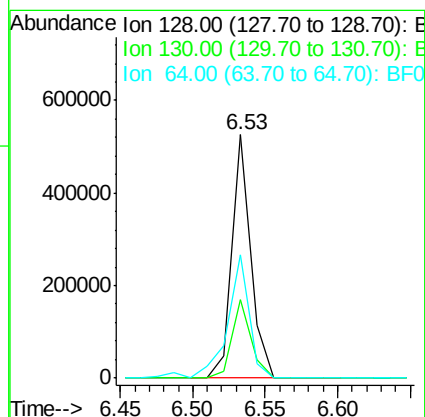
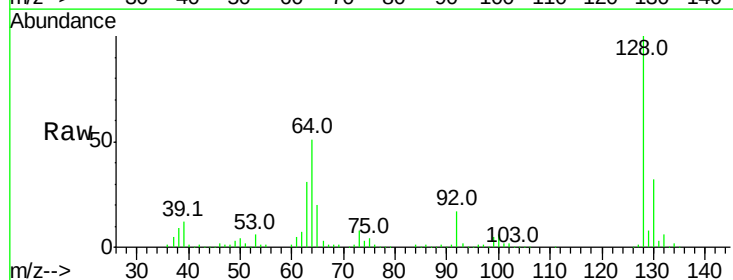
Tgt Ion: 128 Resp: 475057

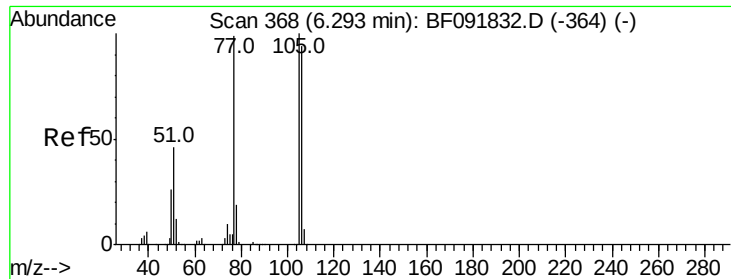
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 50.9 32.2 72.2





#9

Benzaldehyde

Concen: 26.30 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091831.D

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Instrument :

BNA_F

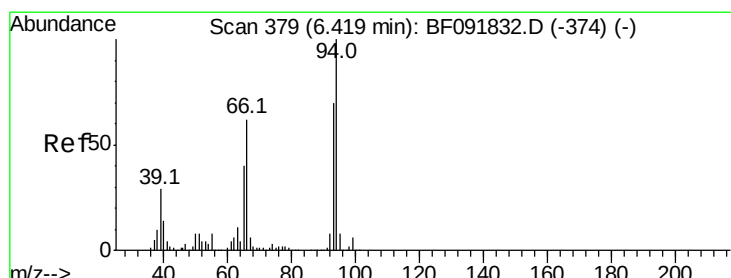
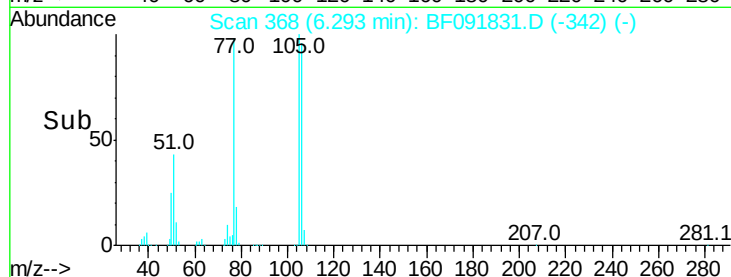
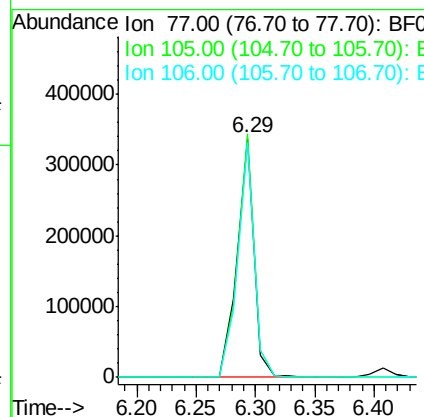
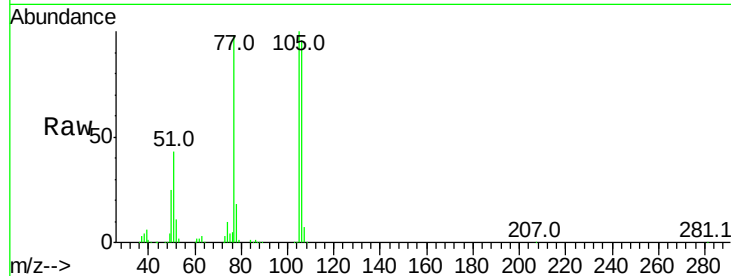
ClientSampleId :

SSTDICC025

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.0	83.9	123.9
106	98.2	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 24.26 ng

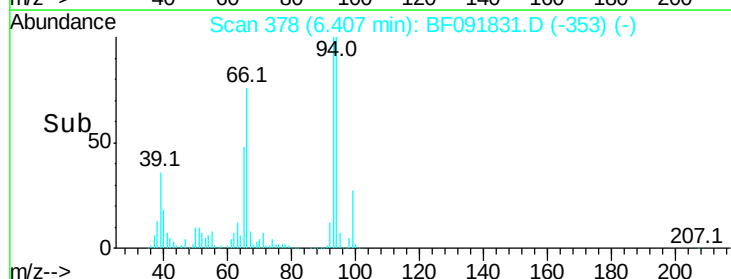
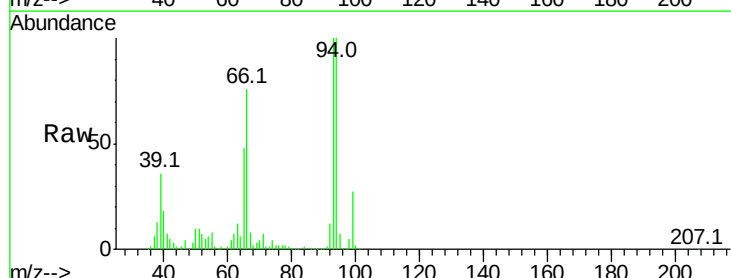
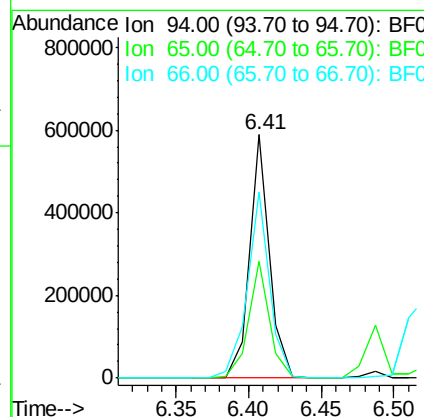
RT: 6.41 min Scan# 378

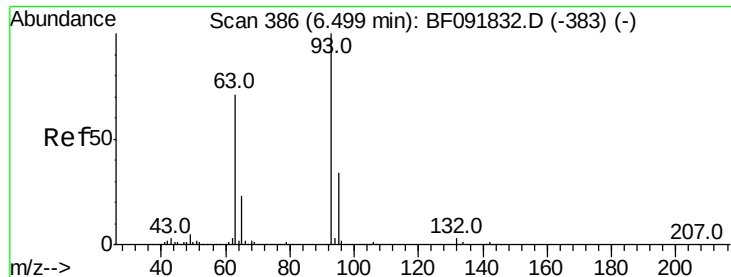
Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	47.9	21.4	61.4
66	76.5	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 25.13 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

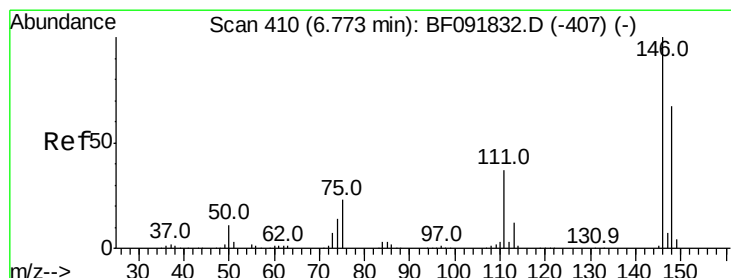
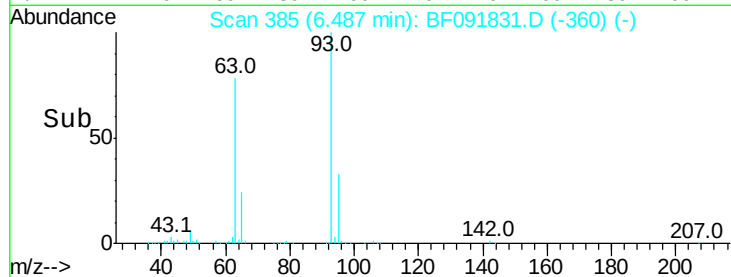
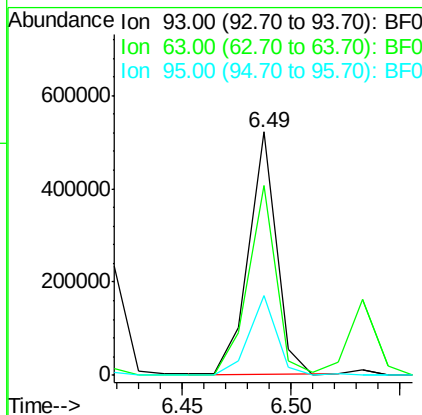
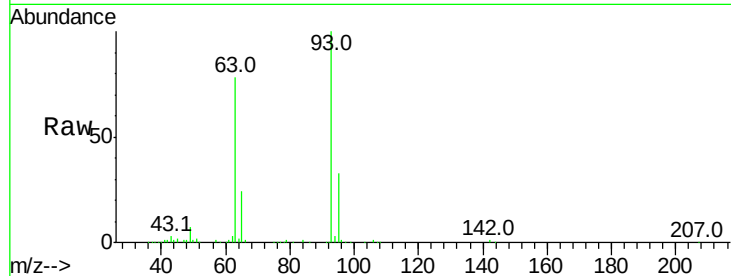
ClientSampleId :

SSTDIC025

Tot Ion:	93	Resp:	462812
Ion	Ratio	Lower	Upper
93	100		
63	78.1	60.4	100.4
95	32.9	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 25.20 ng

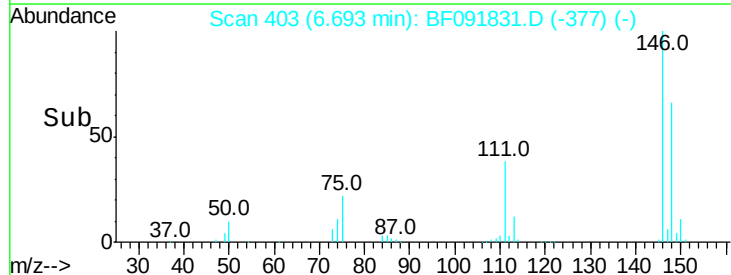
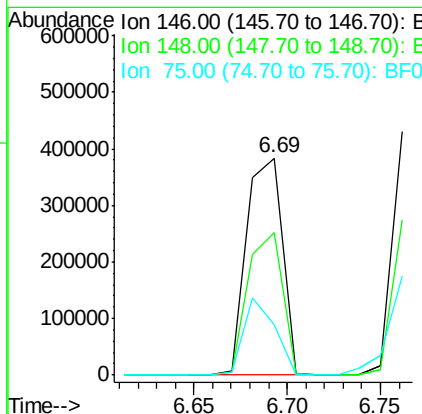
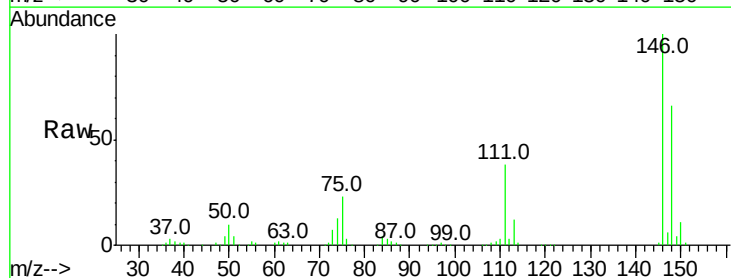
RT: 6.69 min Scan# 403

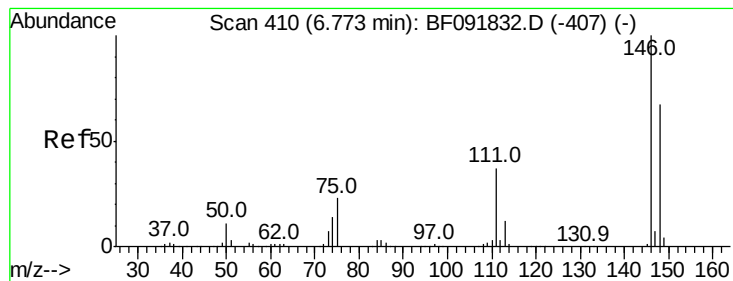
Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion:	146	Resp:	511105
Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.4	80.0
75	23.0	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 24.27 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

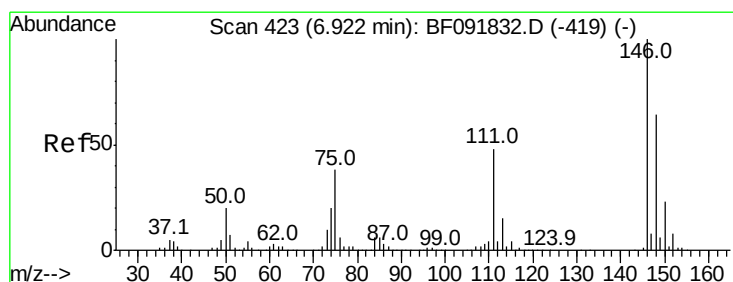
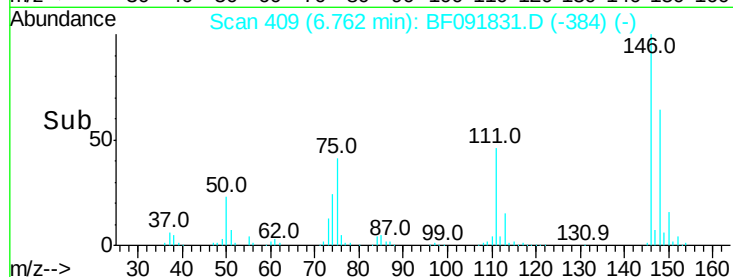
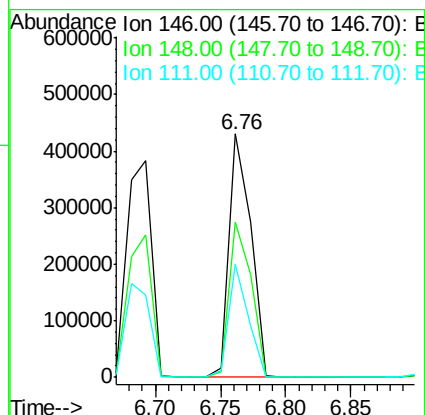
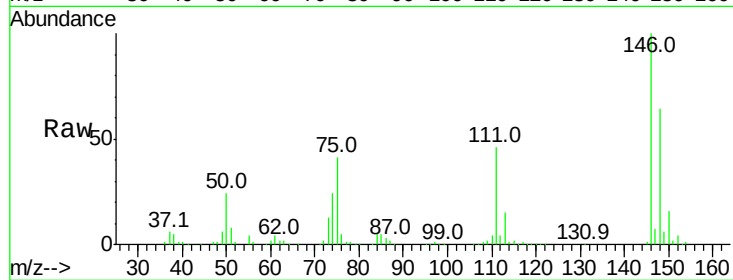
ClientSampleId :

SSTDIC025

Tot Ion:	146	Resp:	497985
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	76.0
111	46.2	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 27.55 ng

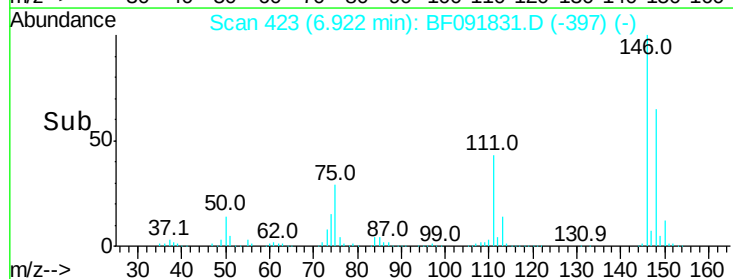
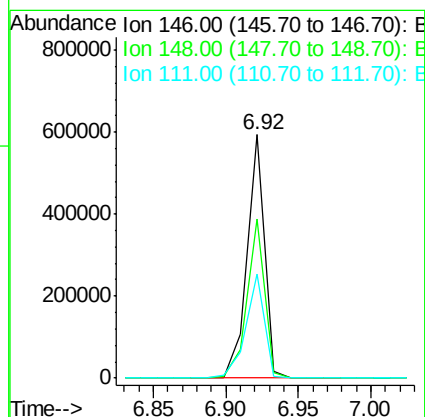
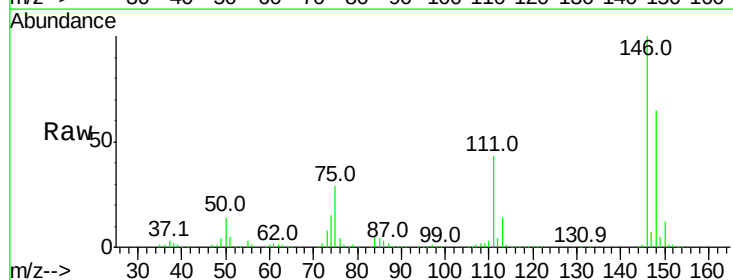
RT: 6.92 min Scan# 423

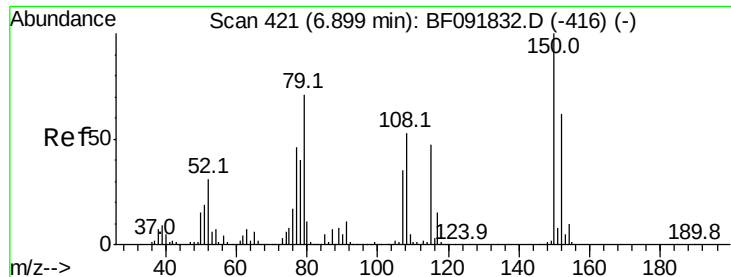
Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion:	146	Resp:	495215
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.2	78.2
111	42.6	36.2	54.2





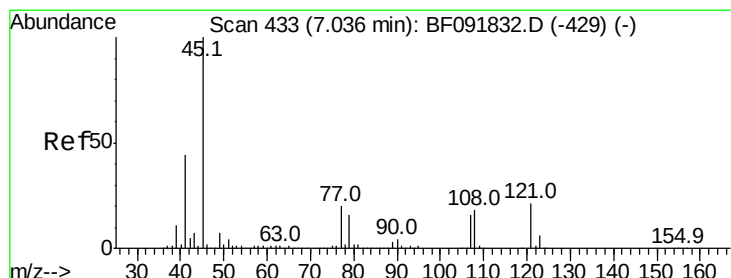
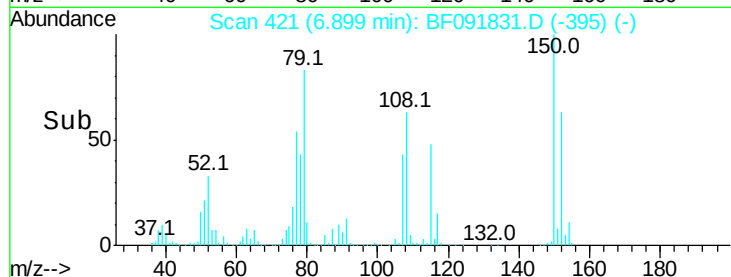
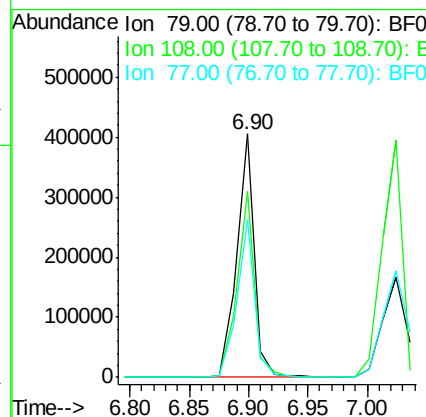
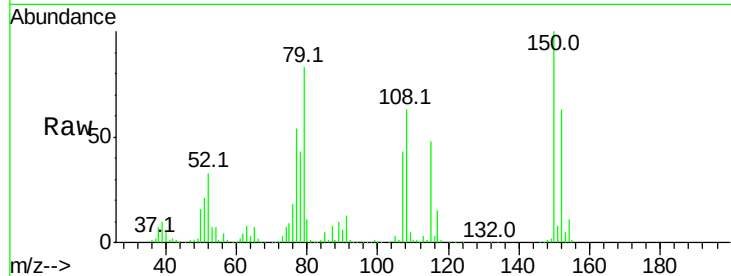
#15
Benzyl Alcohol
Concen: 26.24 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.5	61.4	92.0	
77	65.0	50.9	76.3	

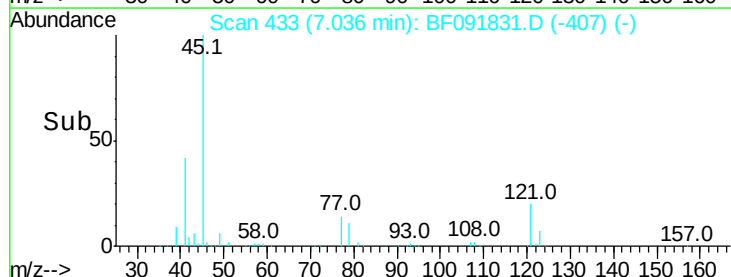
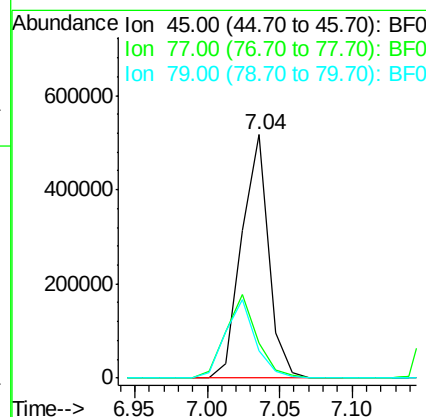
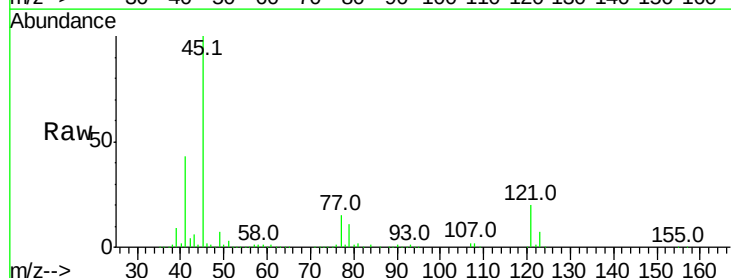
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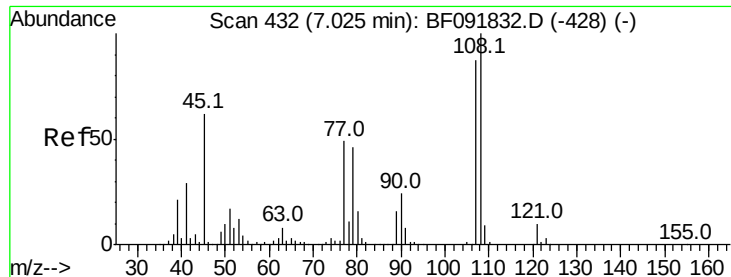
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#16
2,2'-oxybis(1-chloropropane)
Concen: 23.69 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.5	0.0	34.6	
79	11.3	0.0	31.2	





#17

2-Methylphenol

Concen: 25.88 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:107 Resp: 399422
Ion Ratio Lower Upper

107 100

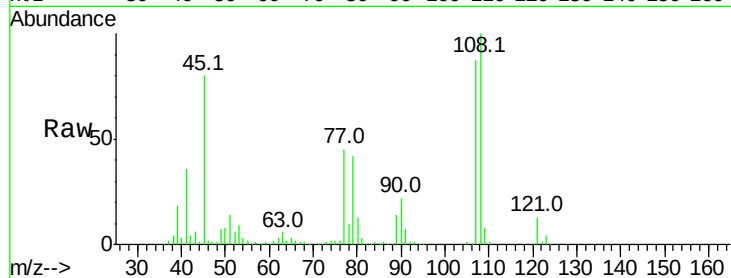
108 115.6 93.0 139.6

77 52.3 39.8 59.8

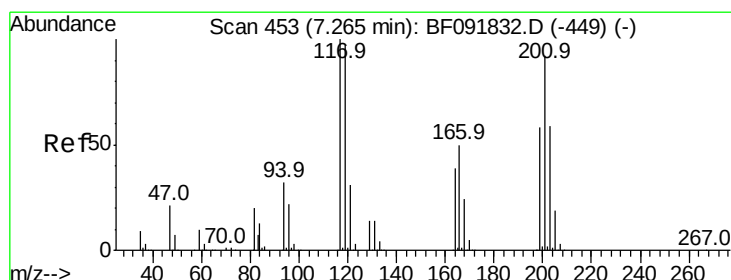
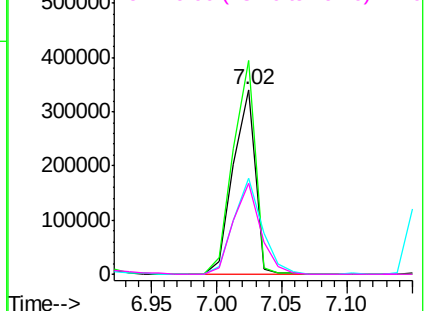
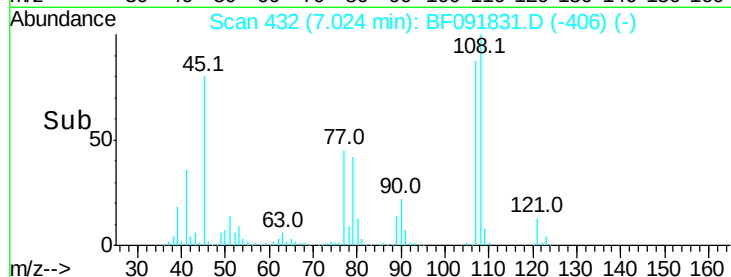
79 48.9 38.0 57.0

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Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 25.48 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF091831.D

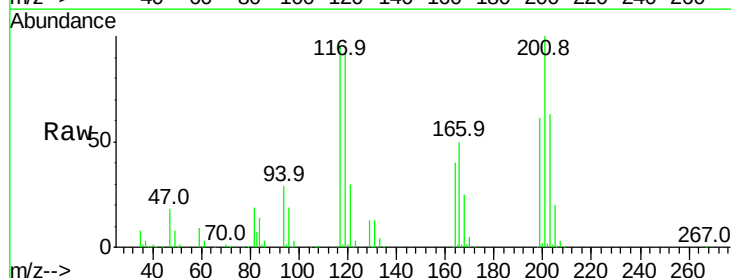
Acq: 21 Dec 2016 13:10

Tgt Ion:117 Resp: 194196
Ion Ratio Lower Upper

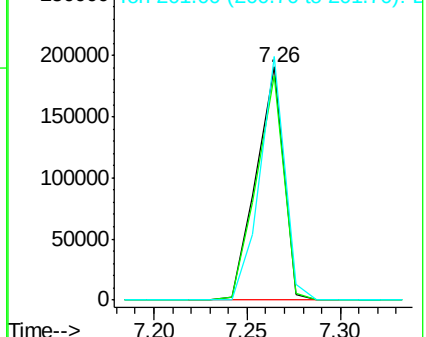
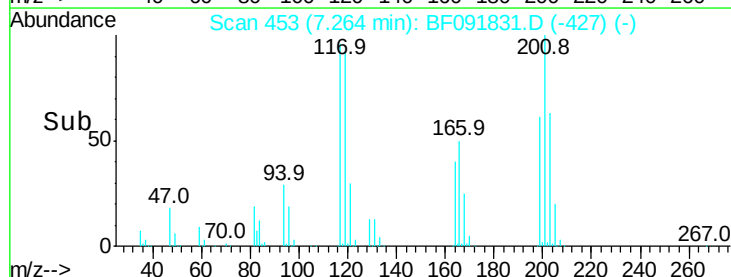
117 100

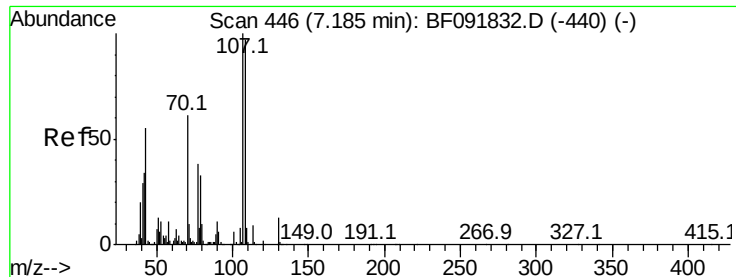
119 96.4 78.1 117.1

201 104.4 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





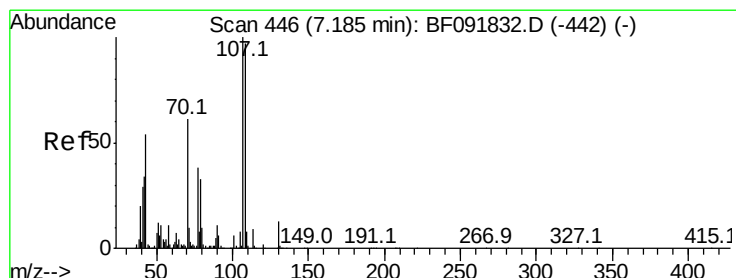
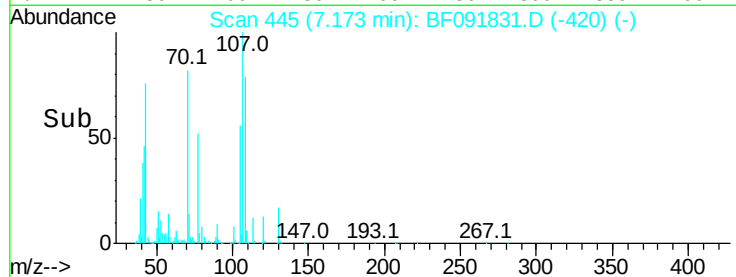
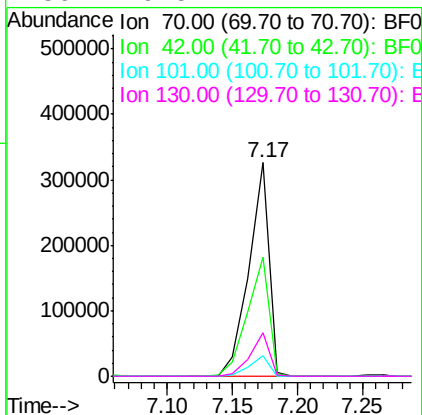
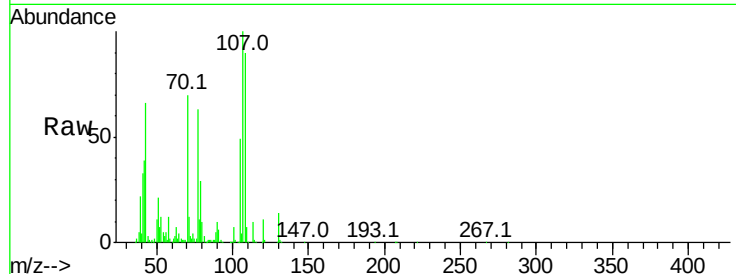
#19
n-Nitroso-di-n-propylamine
Concen: 25.82 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.0	49.4	74.0		
101	9.6	7.4	11.2		
130	20.5	14.2	21.4		

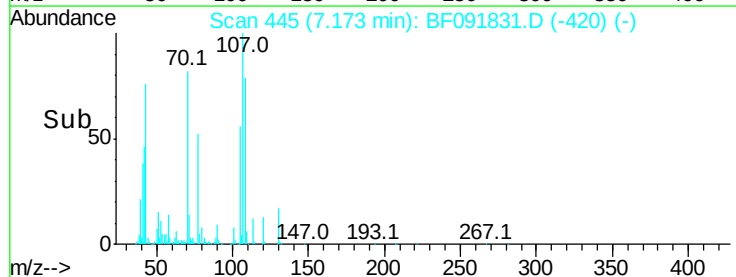
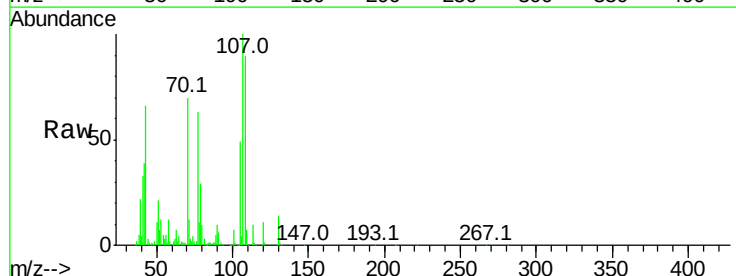
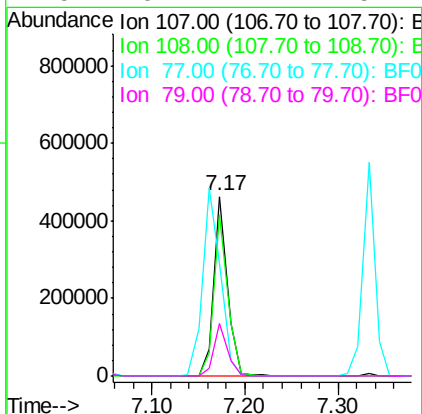
Manual Integrations
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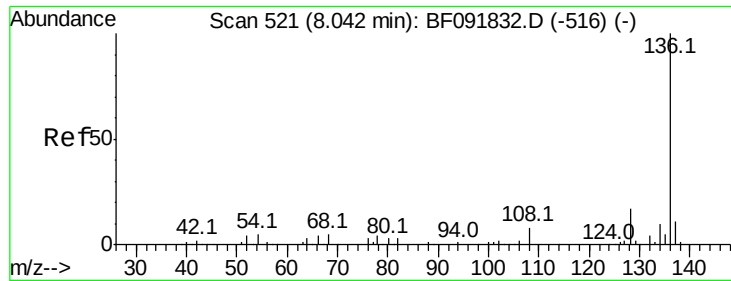
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#20
3+4-Methylphenols
Concen: 27.51 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.8	73.0	113.0		
77	63.0	71.3	111.3#		
79	29.2	11.1	51.1		





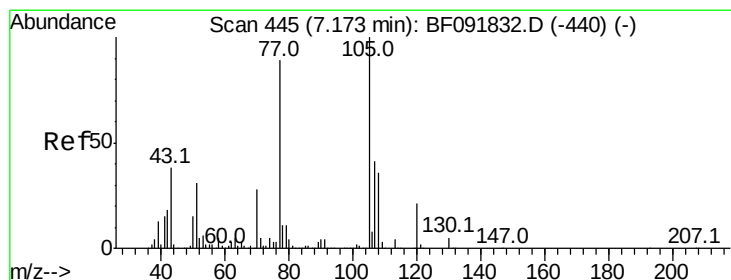
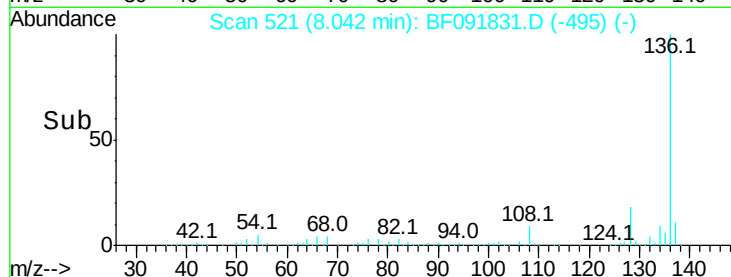
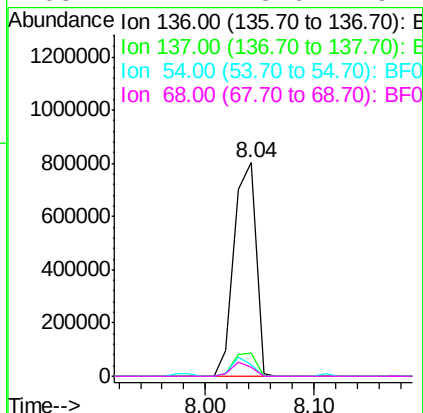
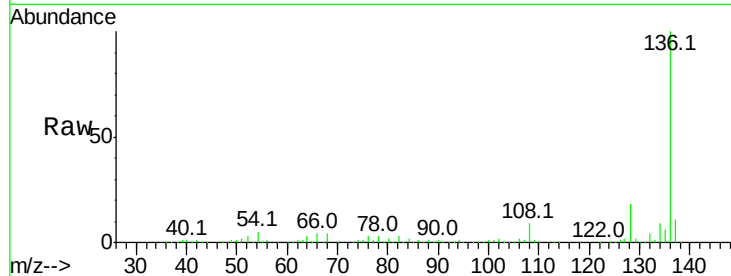
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	136	Resp	1104167
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	5.2	4.5	6.7
68	4.4	3.6	5.4

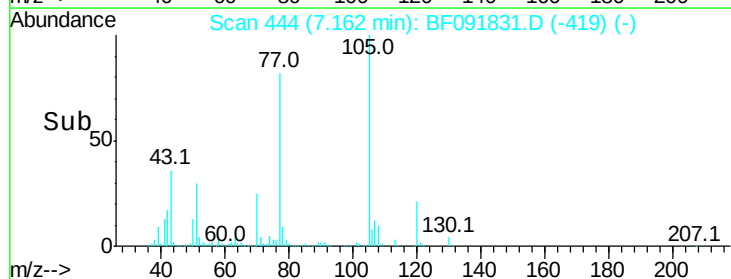
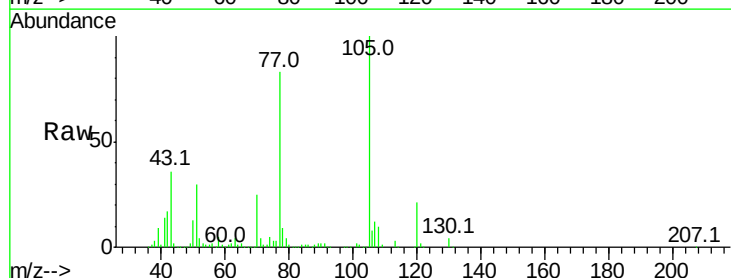
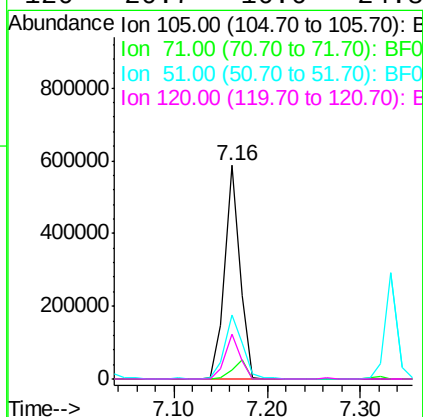
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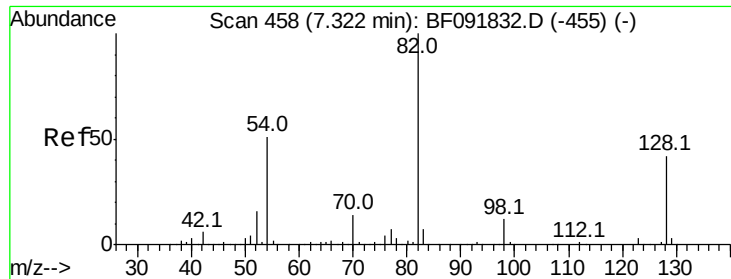
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#22
Acetophenone
Concen: 25.02 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	105	Resp	667058
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.2	4.8
51	30.2	26.2	39.4
120	20.7	16.6	24.8





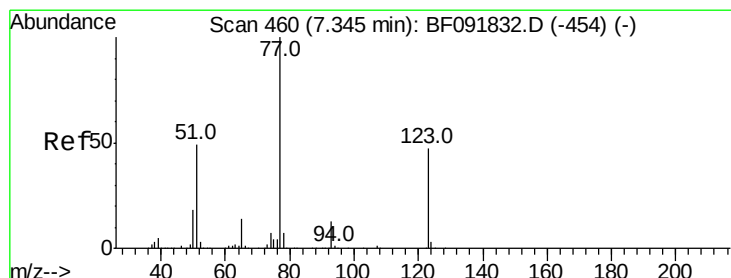
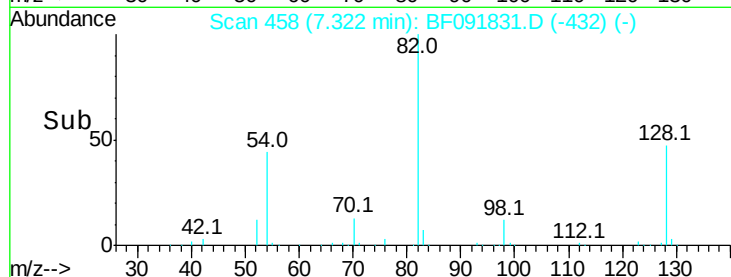
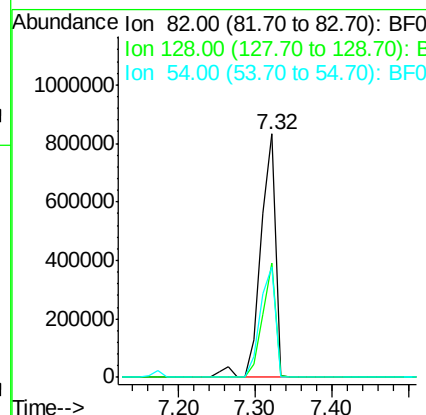
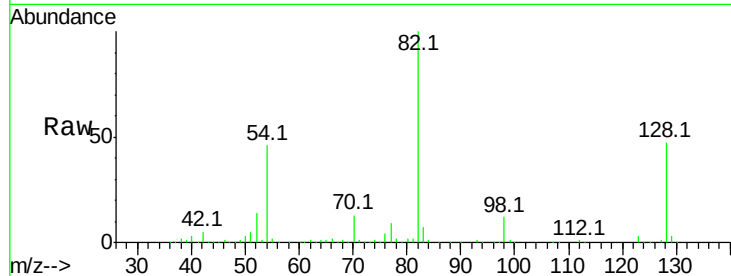
#23
Nitrobenzene-d5
Concen: 57.08 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.6	52.0
54	45.6	39.5	59.3

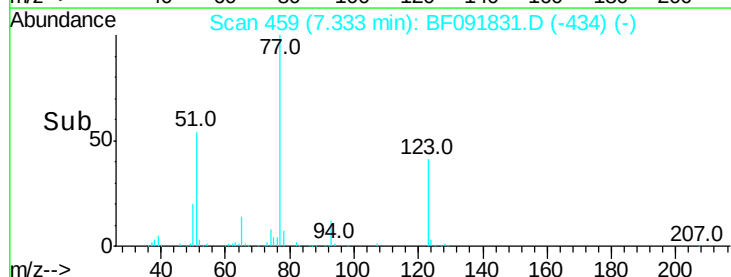
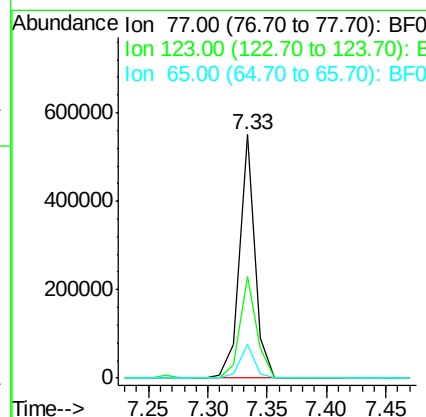
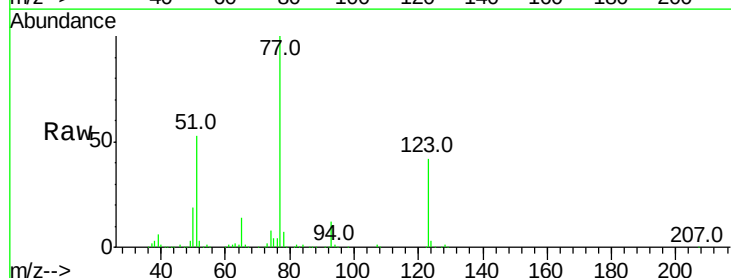
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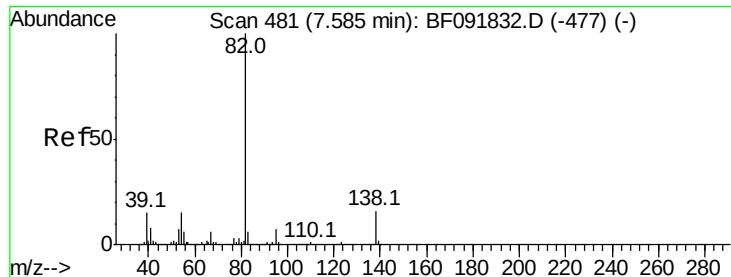
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#24
Nitrobenzene
Concen: 24.19 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 24.63 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 82 Resp: 899897

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

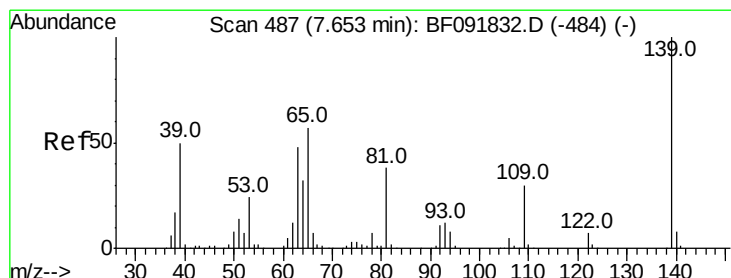
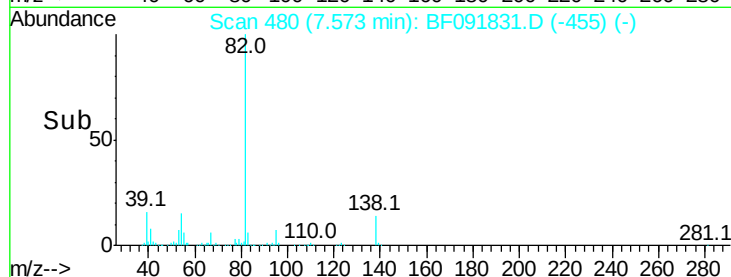
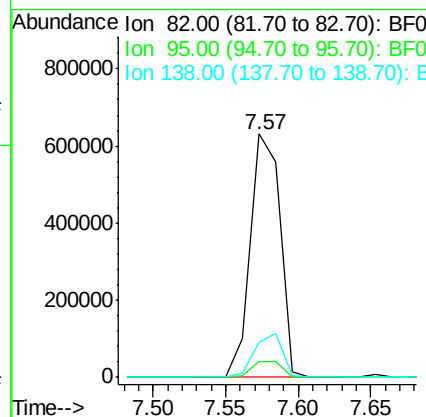
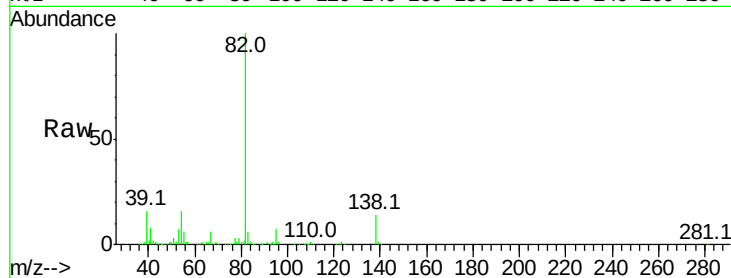
138 14.4 14.6 22.0#

Manual Integrations

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#26

2-Nitrophenol

Concen: 26.30 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

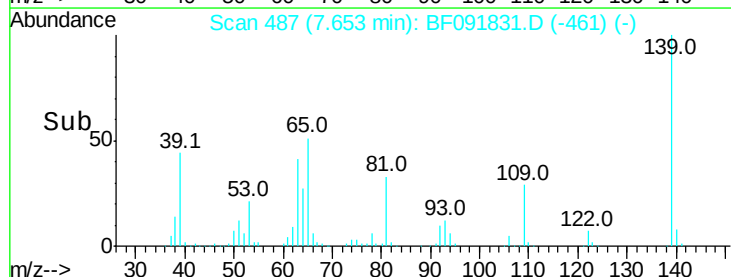
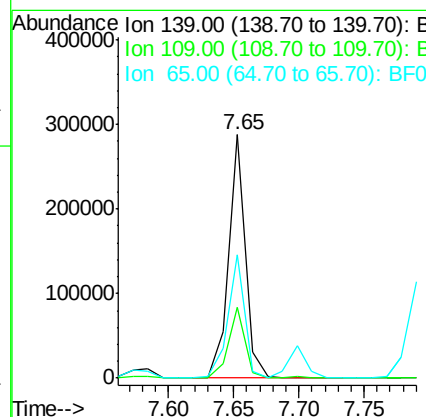
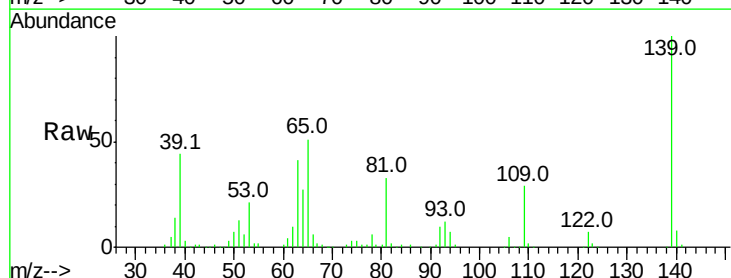
Tgt Ion: 139 Resp: 260837

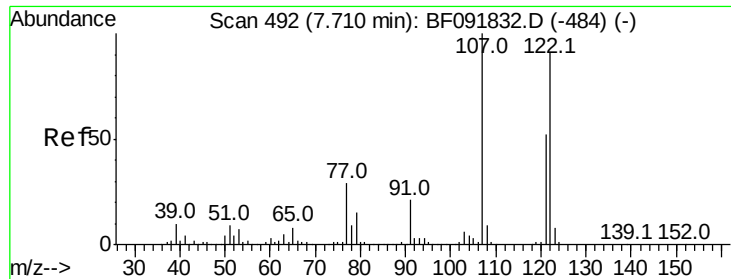
Ion Ratio Lower Upper

139 100

109 28.9 23.3 34.9

65 50.8 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 24.78 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

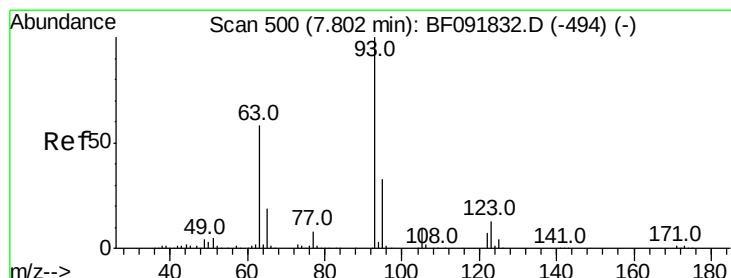
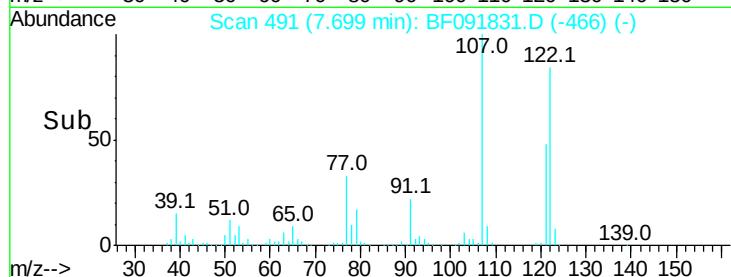
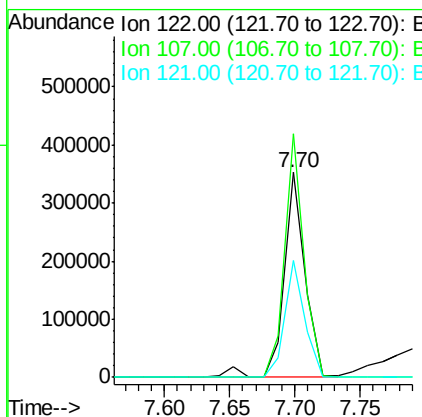
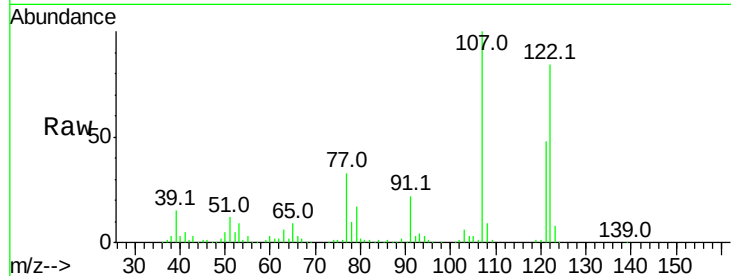
ClientSampleId :

SSTDICC025

Tot Ion:	122	Resp:	400908
Ion Ratio	Lower	Upper	
122	100		
107	118.9	94.1	141.1
121	57.0	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 24.70 ng

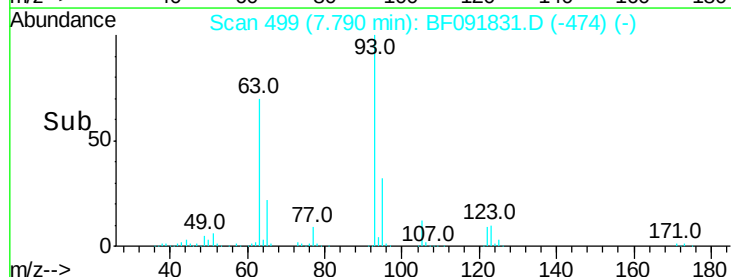
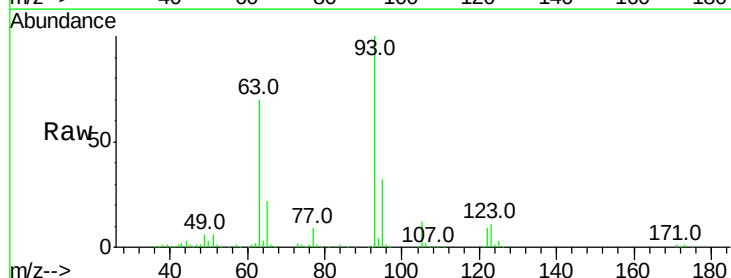
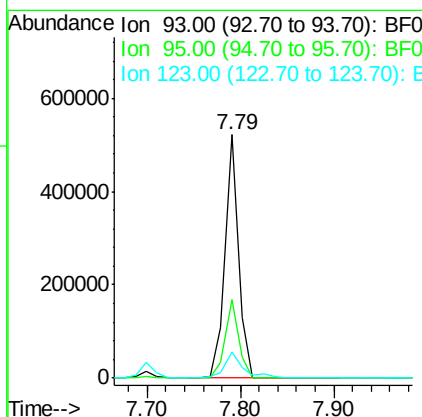
RT: 7.79 min Scan# 499

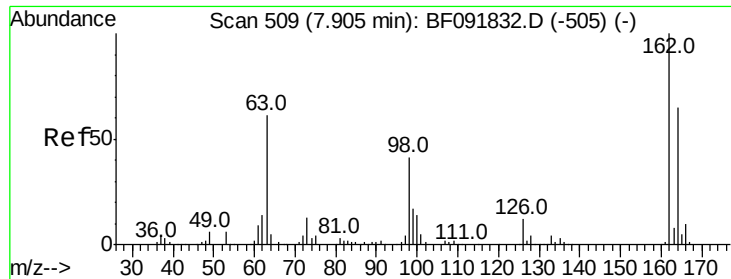
Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion:	93	Resp:	527917
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.5	39.7
123	10.6	8.6	13.0





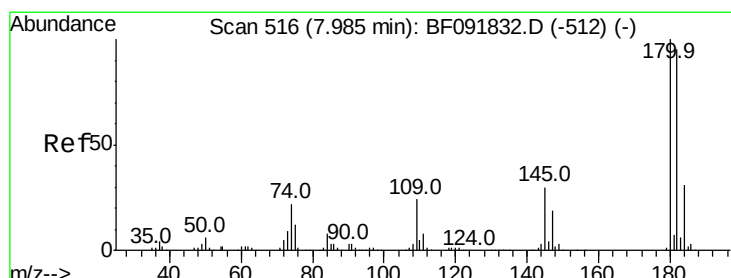
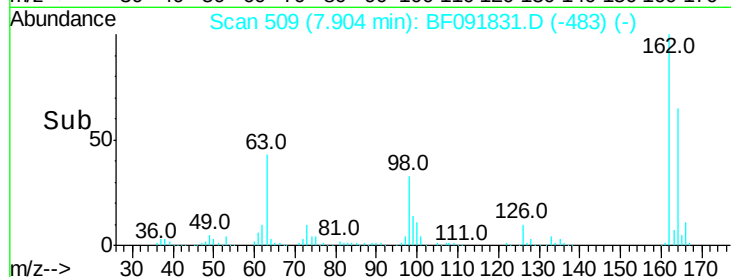
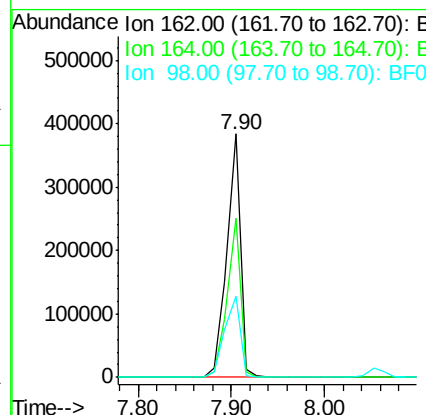
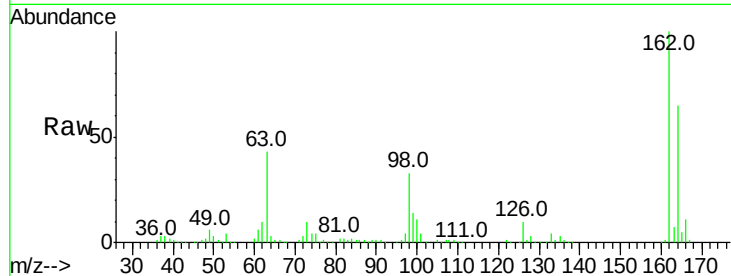
#29
 2,4-Dichlorophenol
 Concen: 26.15 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
162	100	390213		
164	65.4	46.8	86.8	
98	33.2	9.1	49.1	

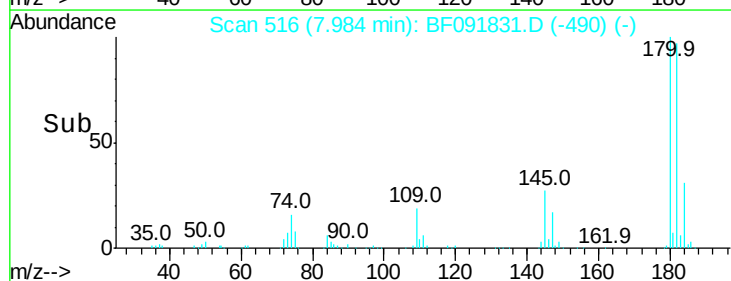
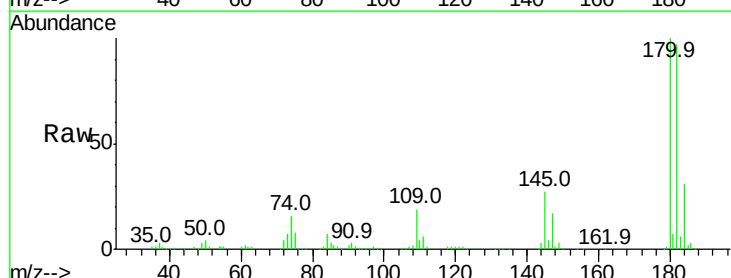
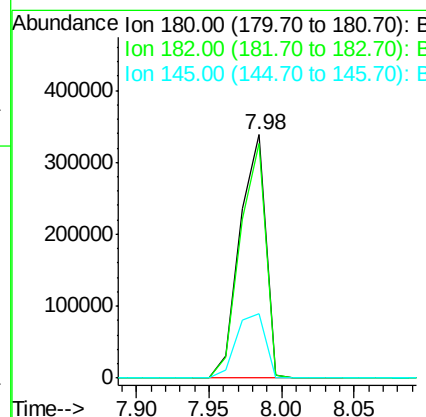
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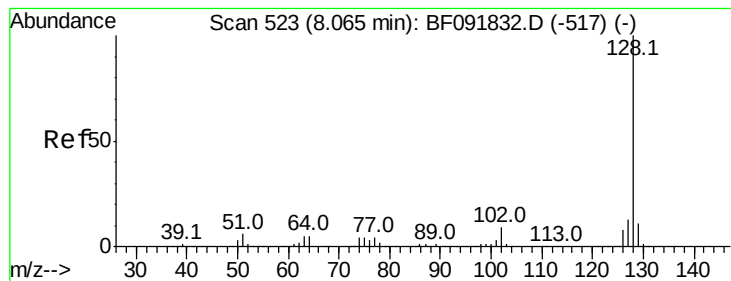
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#30
 1,2,4-Trichlorobenzene
 Concen: 25.91 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	418997		
182	96.6	78.2	117.4	
145	26.6	21.6	32.4	





#31

Naphthalene

Concen: 25.12 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

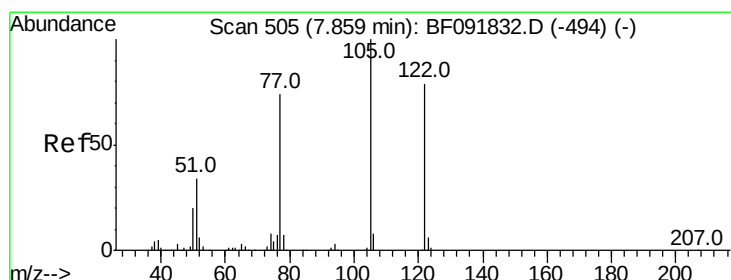
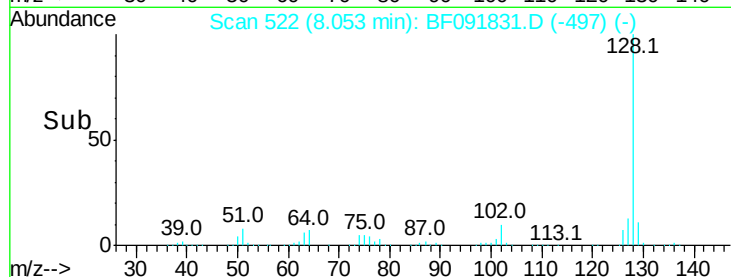
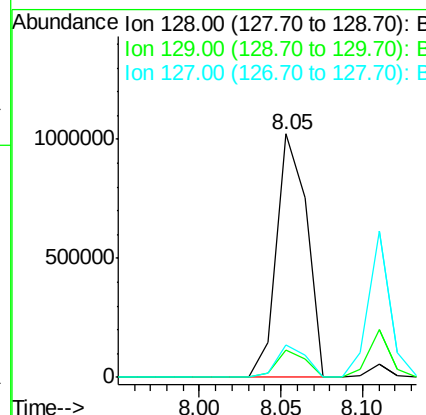
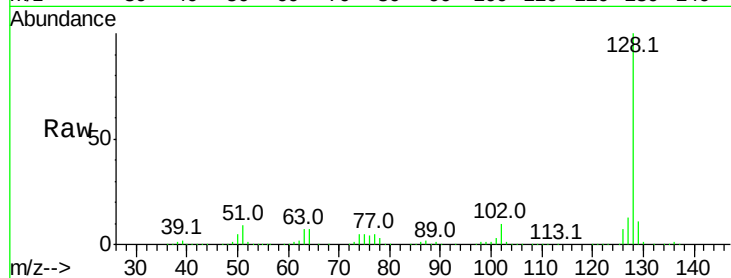
ClientSampleId :

SSTDIC025

Tot Ion:	128	Resp:	1325183
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.2	10.8	16.2

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#32

Benzoic acid

Concen: 27.77 ng

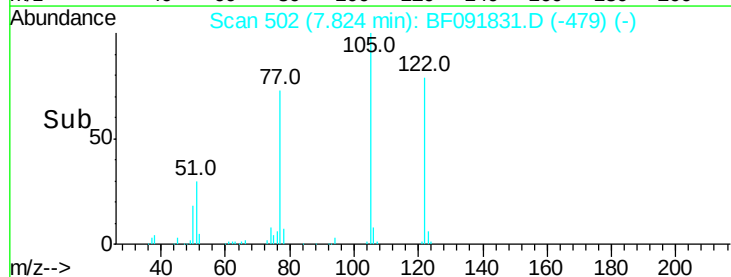
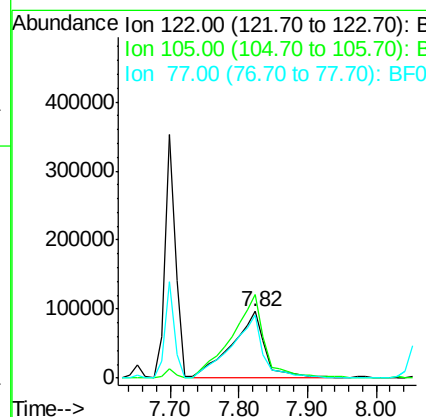
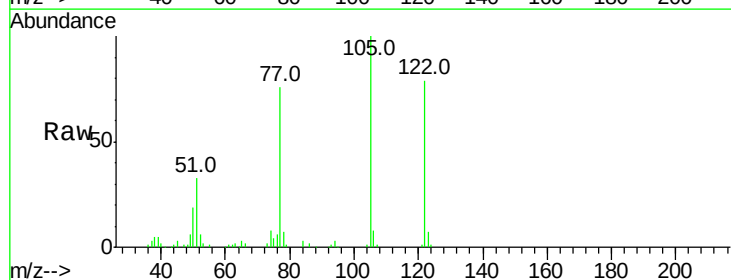
RT: 7.82 min Scan# 502

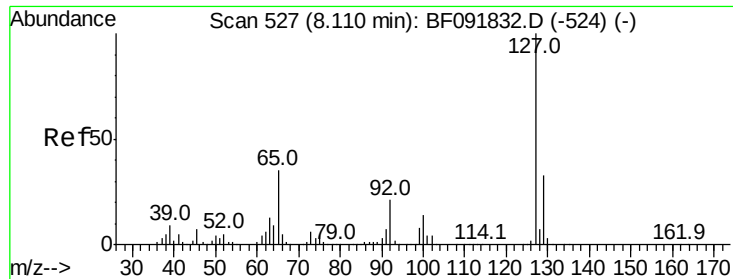
Delta R.T. -0.03 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion:	122	Resp:	320281
Ion	Ratio	Lower	Upper
122	100		
105	126.0	107.2	147.2
77	95.4	74.5	114.5





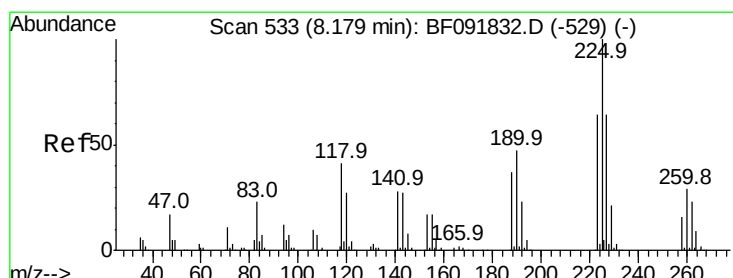
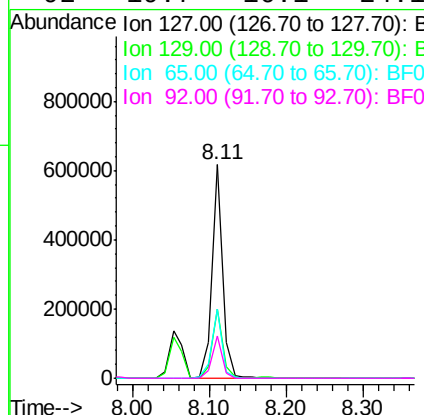
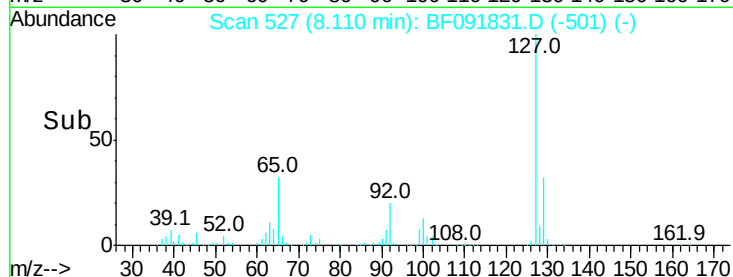
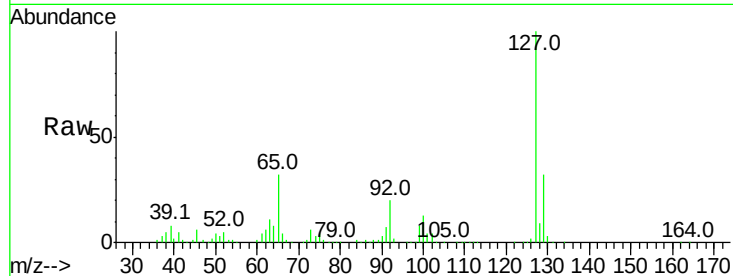
#33
4-Chloroaniline
Concen: 26.28 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.3	39.5		
65	32.1	25.8	38.8		
92	19.7	16.1	24.1		

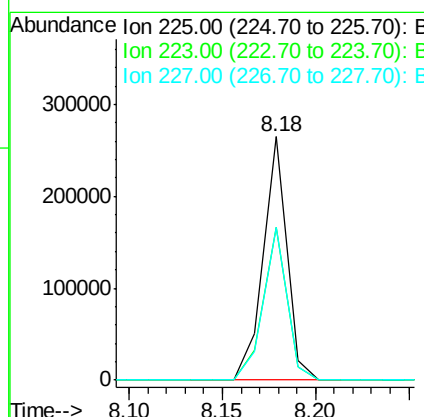
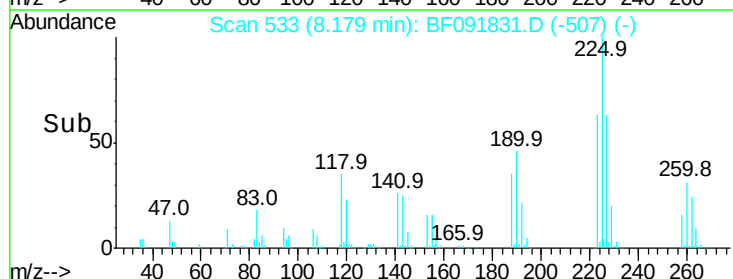
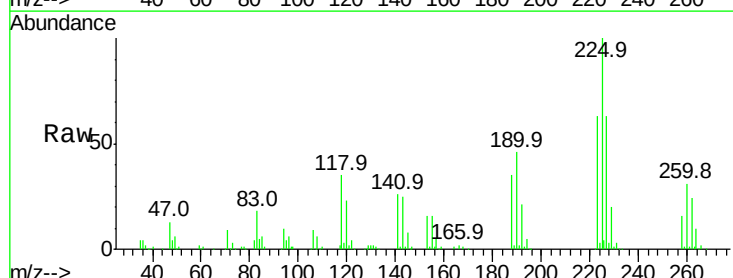
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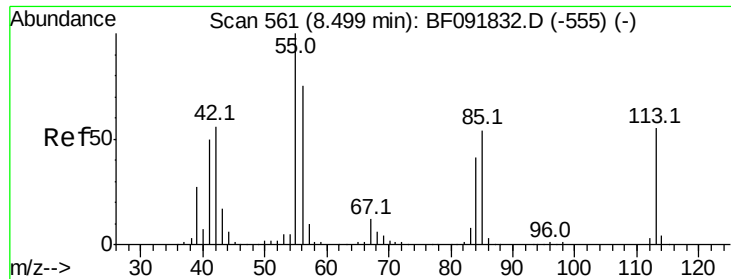
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#34
Hexachlorobutadiene
Concen: 25.53 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	51.0	76.6		
227	62.5	50.6	76.0		





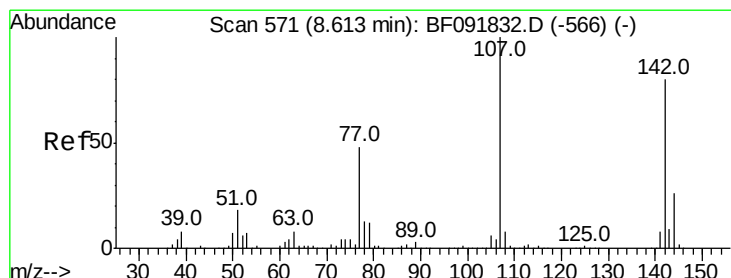
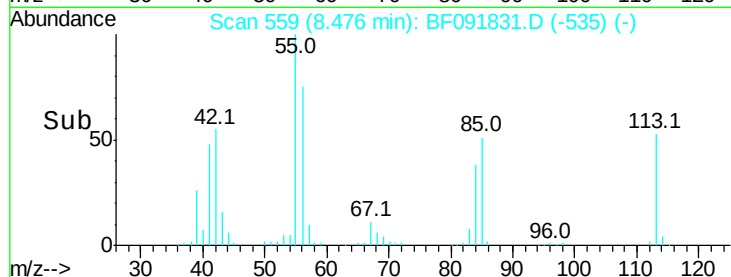
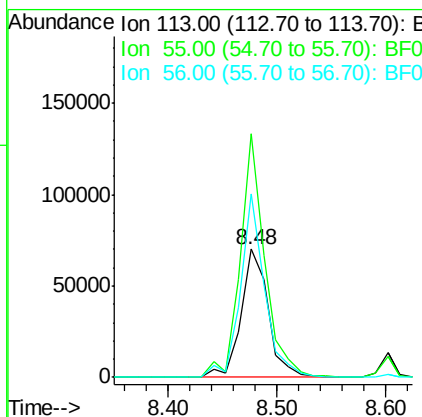
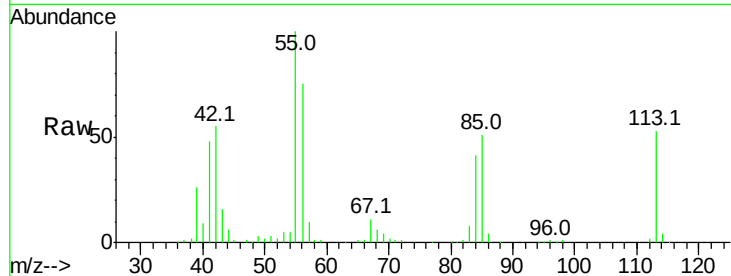
#35
 Caprolactam
 Concen: 25.09 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:113 Resp: 120502
 Ion Ratio Lower Upper
 113 100
 55 189.9 119.2 159.2#
 56 142.7 83.8 123.8#

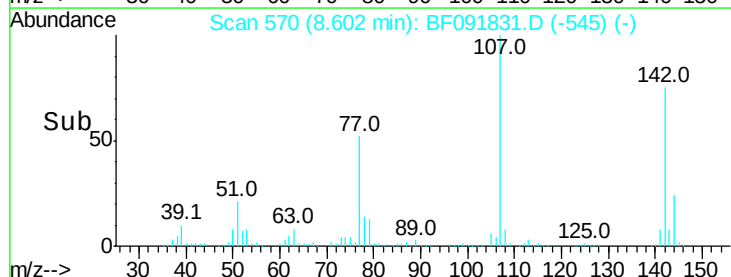
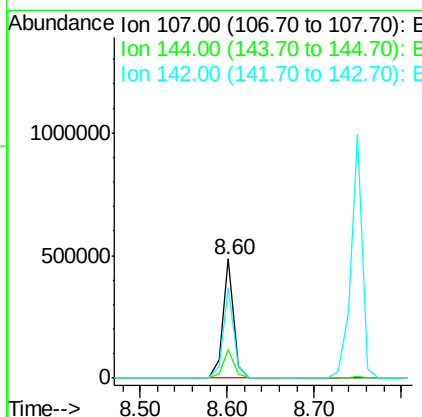
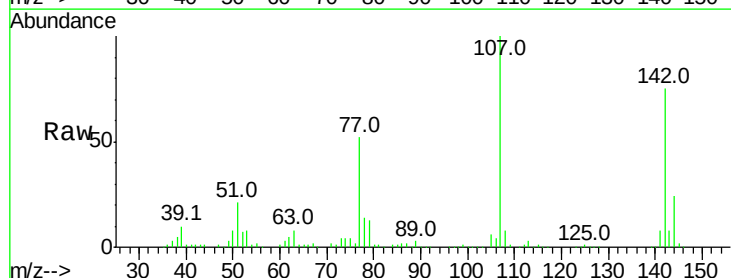
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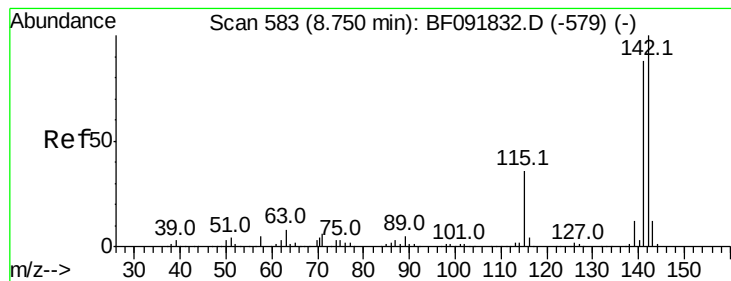
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#36
 4-Chloro-3-methylphenol
 Concen: 25.97 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Tgt Ion:107 Resp: 427548
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 75.0 59.0 88.6





#37

2-Methylnaphthalene

Concen: 27.43 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

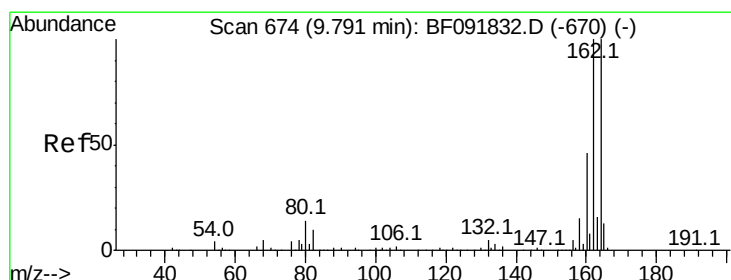
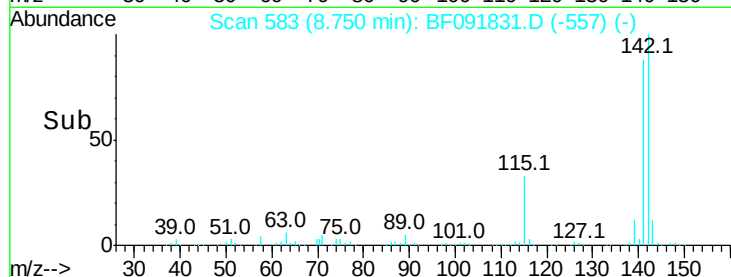
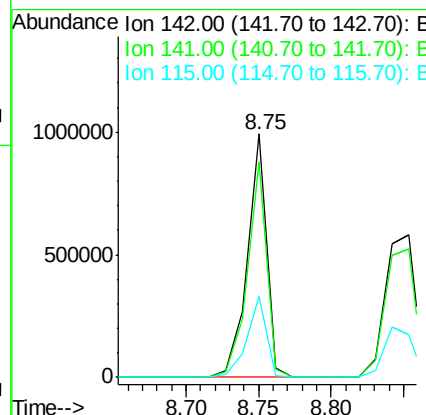
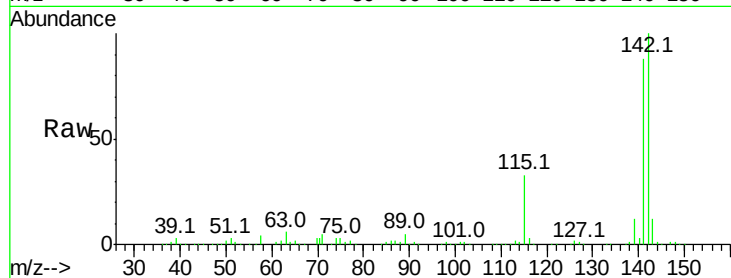
ClientSampleId :

SSTDIC025

Tot Ion:	142	Resp:	912375
Ion Ratio	Lower	Upper	
142	100		
141	88.4	71.0	106.6
115	33.1	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

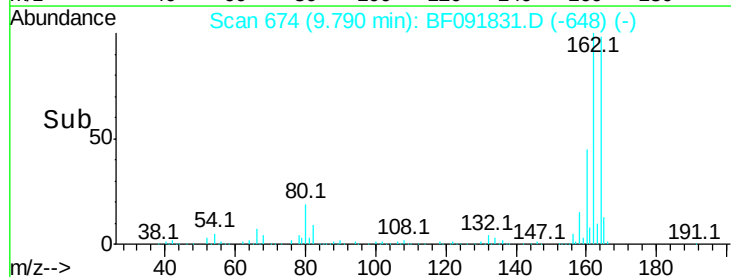
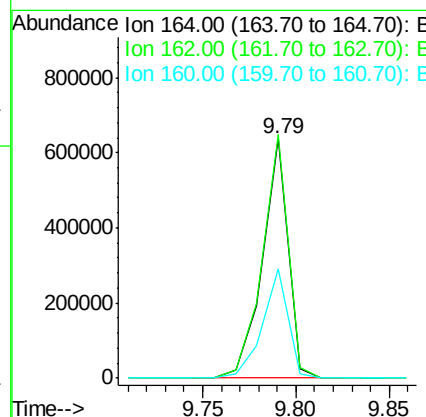
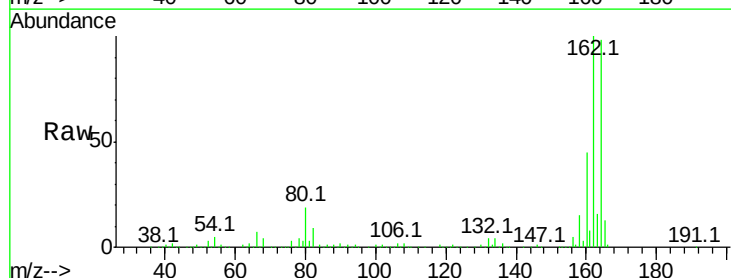
RT: 9.79 min Scan# 674

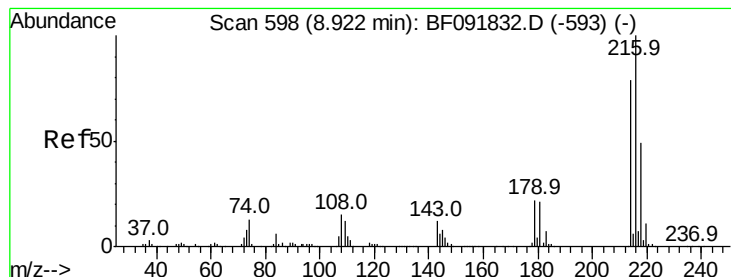
Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion:	164	Resp:	600856
Ion Ratio	Lower	Upper	
164	100		
162	101.7	80.2	120.2
160	45.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.19 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF091831.D

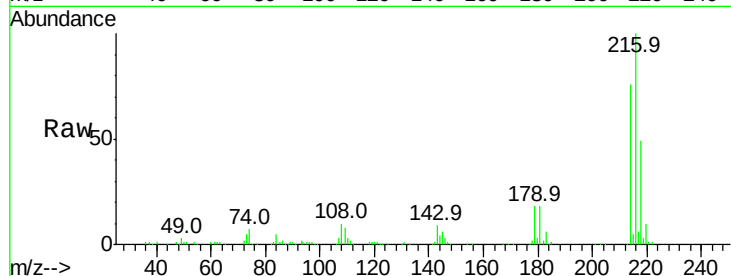
Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC025



Tot Ion:216 Resp: 377208

Ion Ratio Lower Upper

216 100

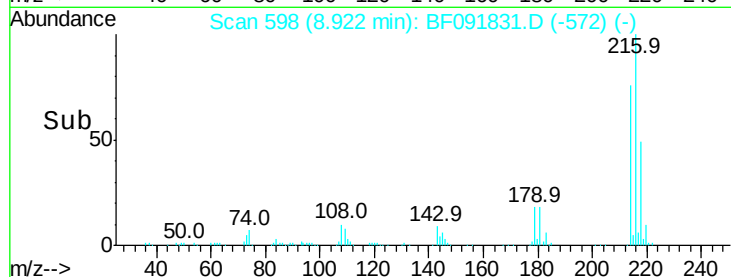
214 78.9 63.4 95.0

179 21.5 17.4 26.2

108 19.5 15.6 23.4

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Abundance Ion 216.00 (215.70 to 216.70): E

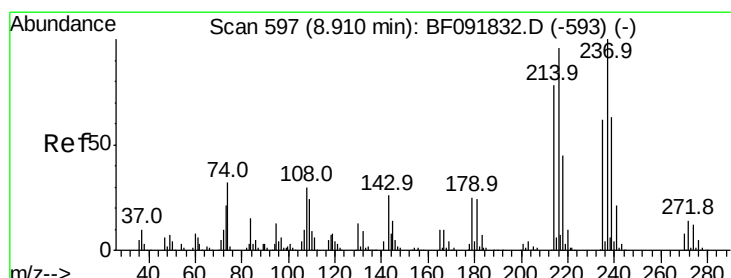
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->

8.85 8.90 8.95 9.00



#40

Hexachlorocyclopentadiene

Concen: 21.66 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

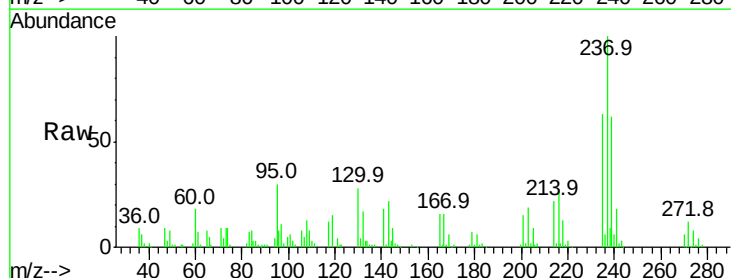
Tgt Ion:237 Resp: 137511

Ion Ratio Lower Upper

237 100

235 63.4 41.2 81.2

272 11.9 0.0 35.4



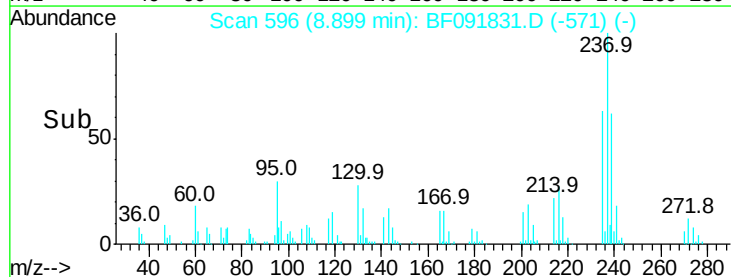
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

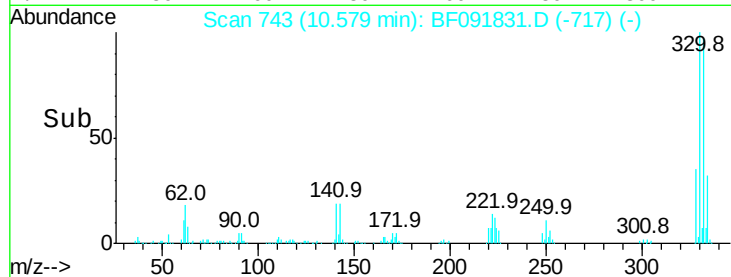
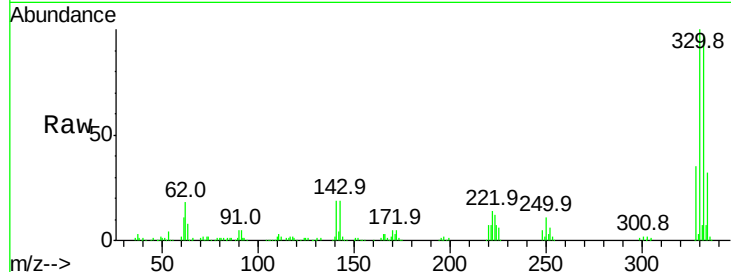
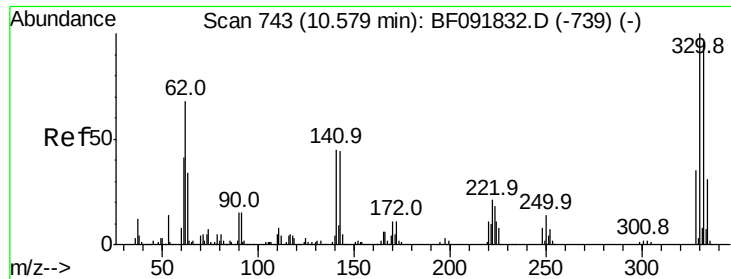
Time-->

8.85 8.90 8.95



Time-->

8.85 8.90 8.95



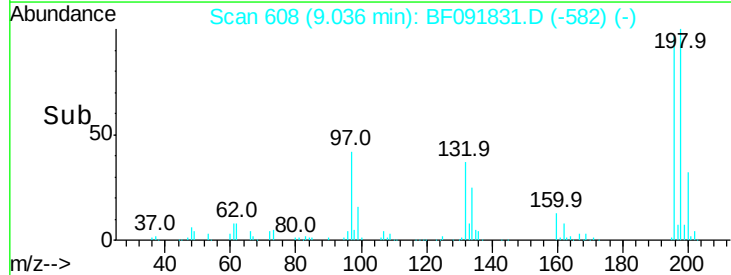
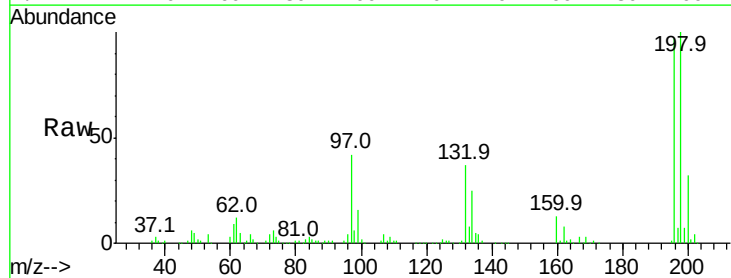
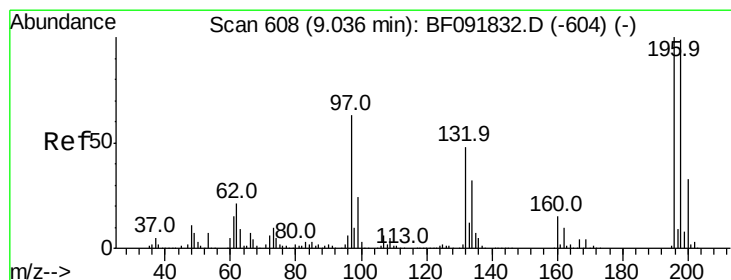
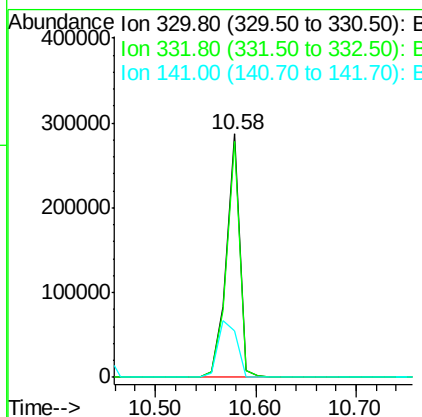
#41
 2,4,6-Tribromophenol
 Concen: 52.42 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Tot Ion	Ratio	Resp	Lower	Upper
330	100	267084		
332	96.4	77.4	116.2	
141	33.1	34.1	51.1#	

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

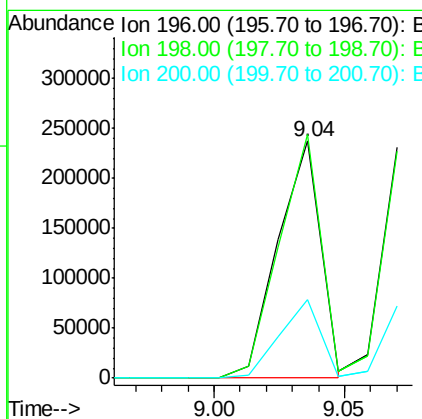
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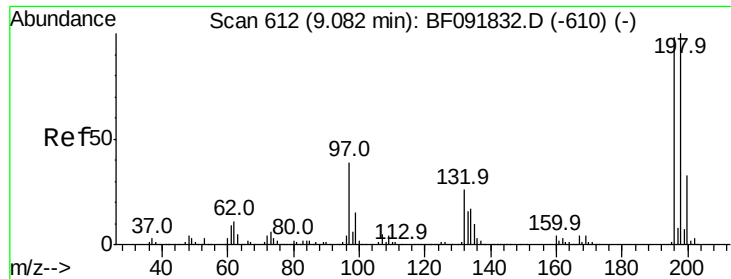
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#42
 2,4,6-Trichlorophenol
 Concen: 25.26 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270325		
198	102.8	82.1	123.1	
200	33.2	27.0	40.4	





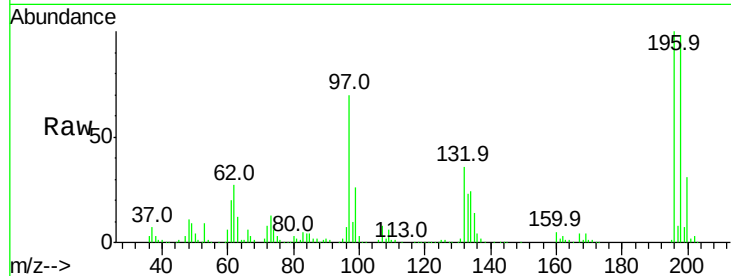
#43
 2,4,5-Trichlorophenol
 Concen: 25.53 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

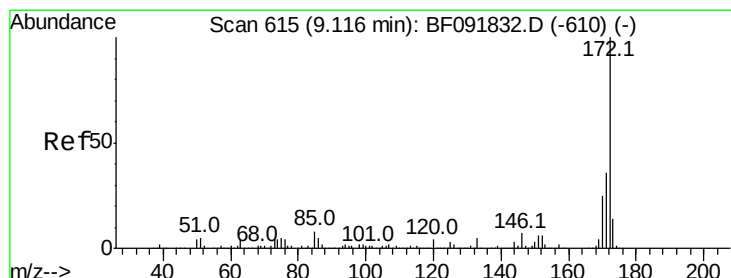
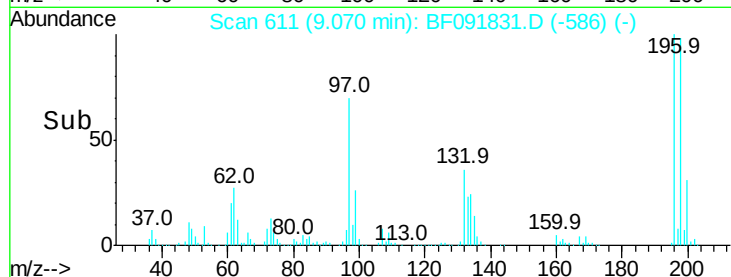
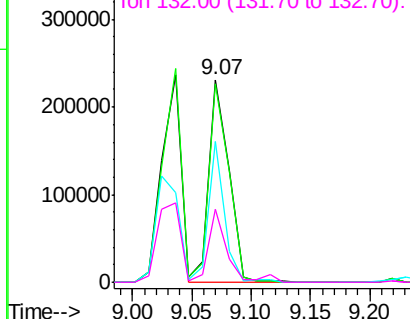
Tot Ion	Ratio	Resp	Lower	Upper
196	100	268359		
198	98.0	79.4	119.2	
97	69.8	51.5	77.3	
132	35.7	27.4	41.2	

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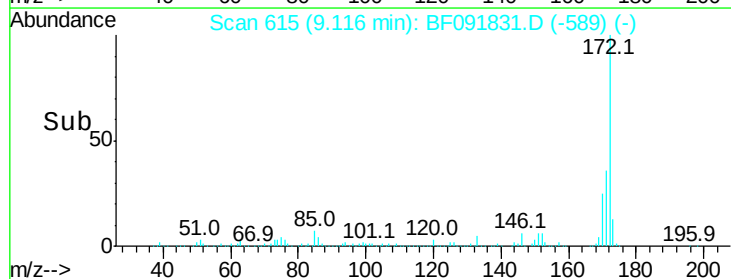
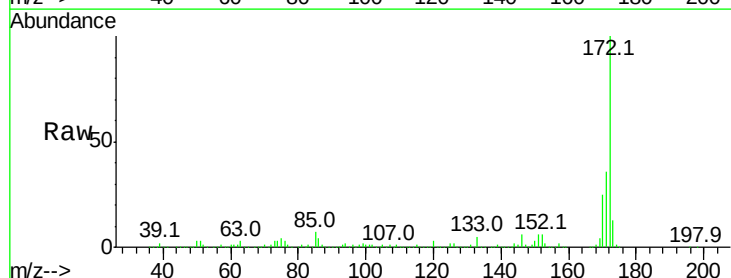
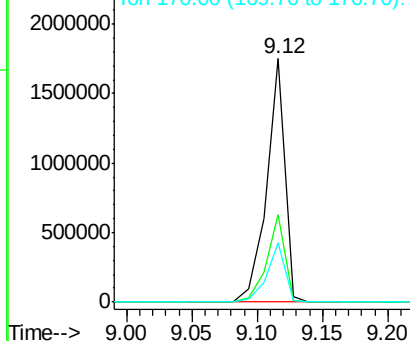
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

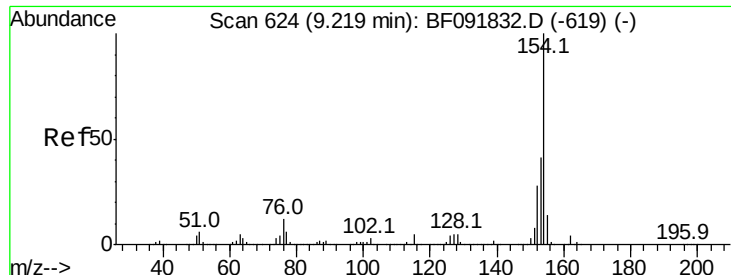


#44
 2-Fluorobiphenyl
 Concen: 57.02 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1705432		
171	35.8	29.4	44.0	
170	24.6	20.2	30.4	

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: 24.96 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:154 Resp: 1074928

Ion Ratio Lower Upper

154 100

153 39.8 20.9 60.9

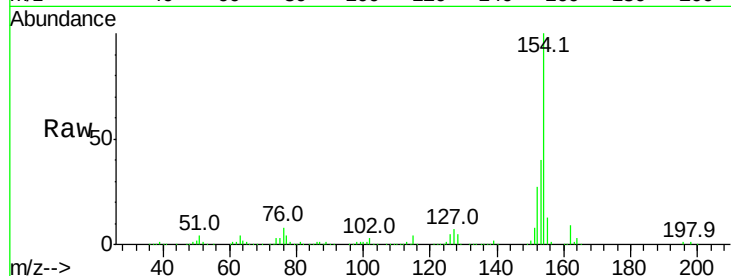
76 8.3 0.0 30.5

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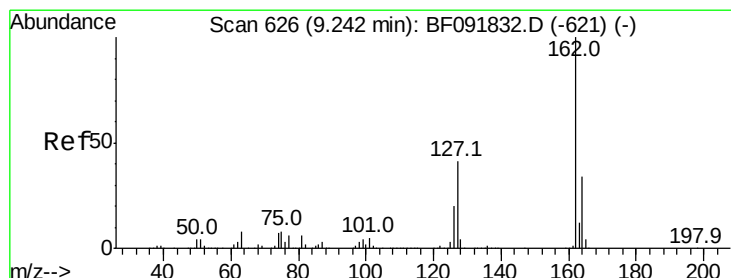
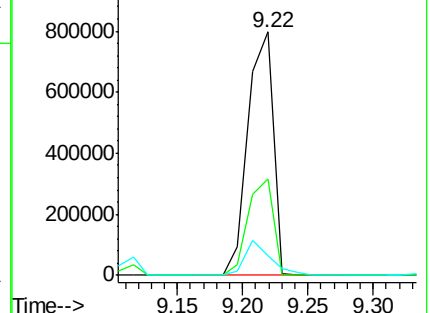
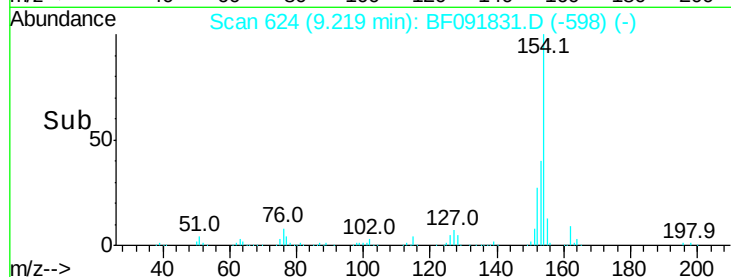
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 25.65 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

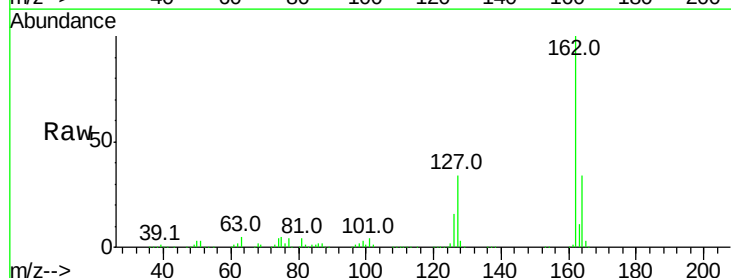
Tgt Ion:162 Resp: 825452

Ion Ratio Lower Upper

162 100

127 34.2 30.7 46.1

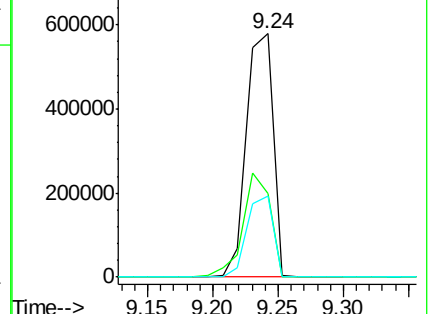
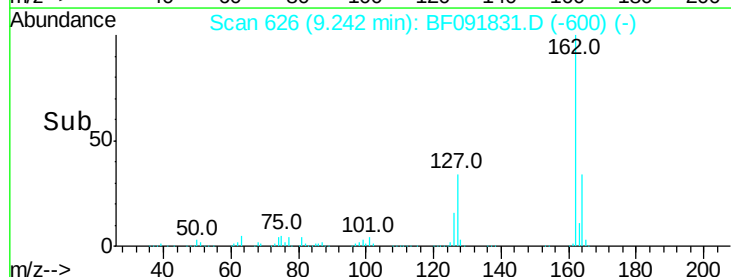
164 33.5 27.6 41.4

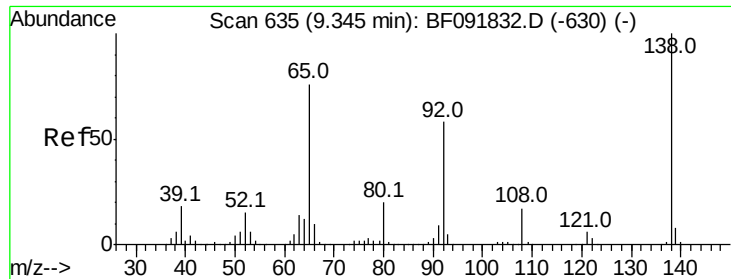


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





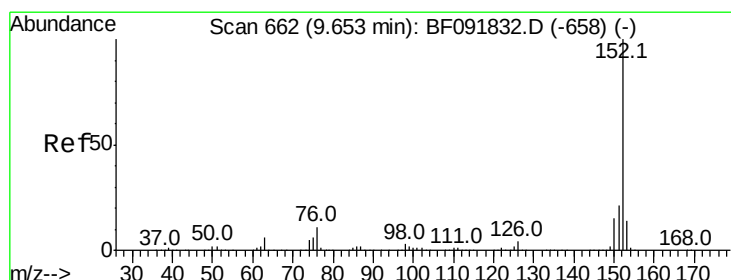
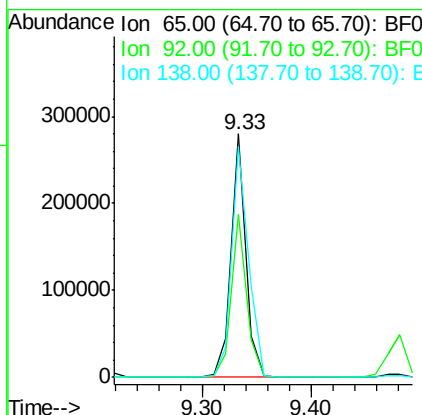
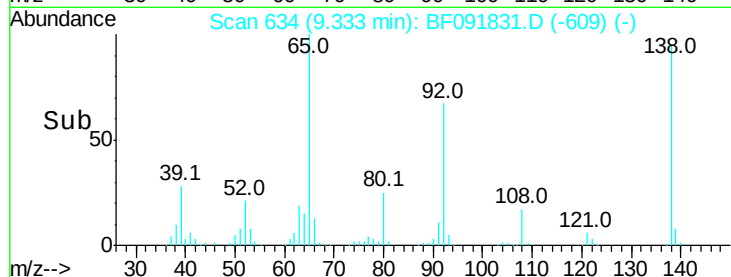
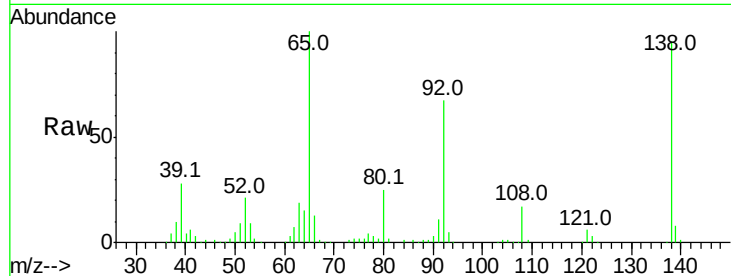
#47
2-Nitroaniline
Concen: 23.74 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.9	80.9
138	94.8	76.8	115.2

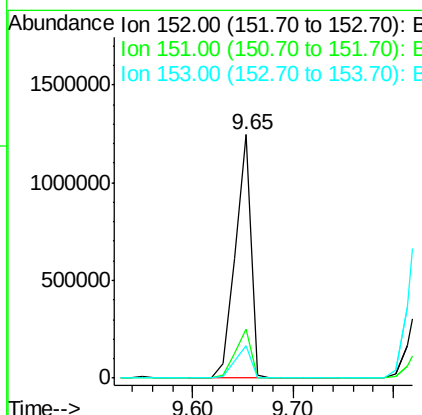
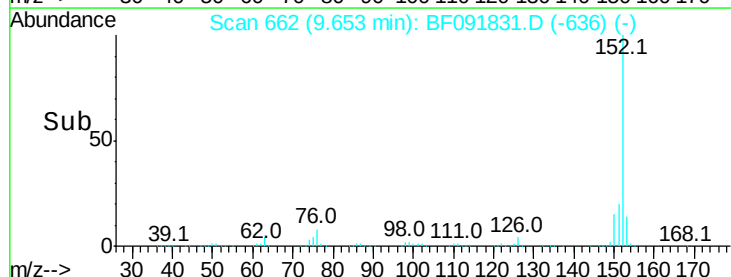
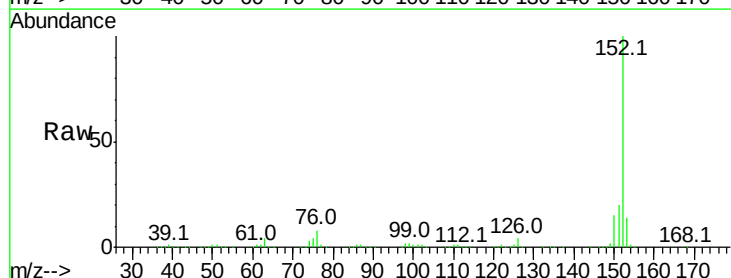
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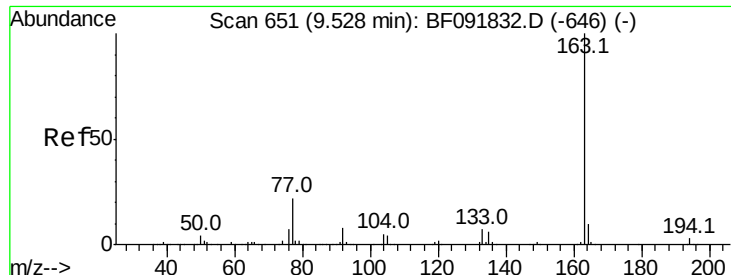
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#48
Acenaphthylene
Concen: 26.81 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	13.5	11.4	17.2





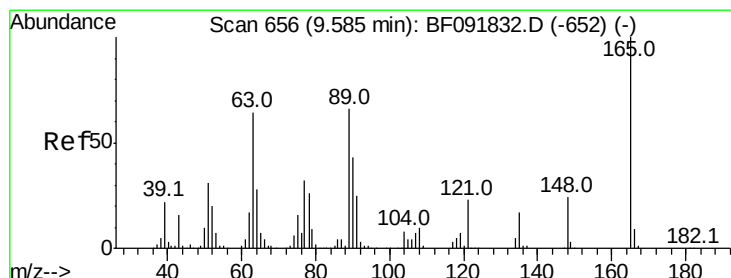
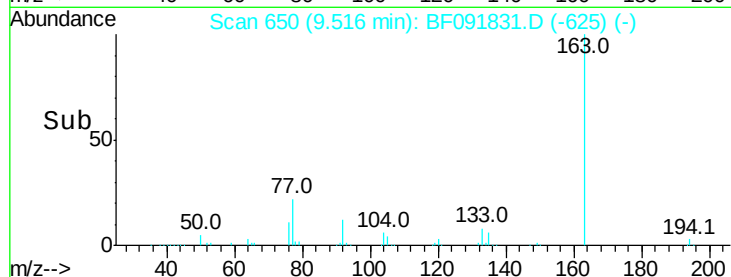
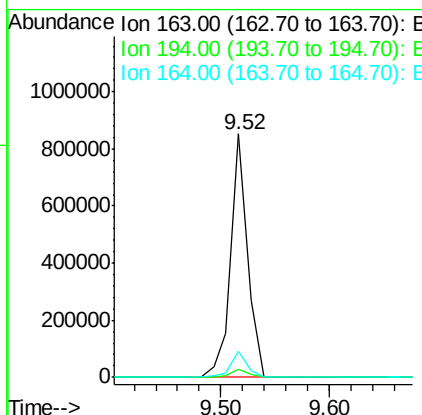
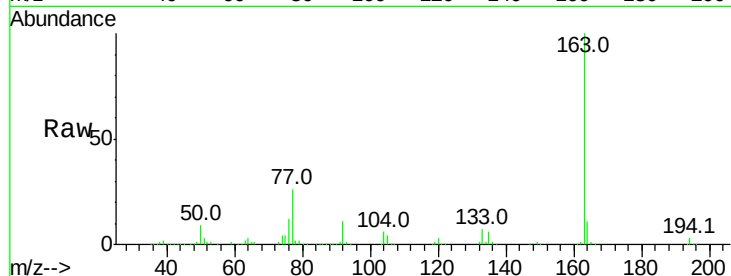
#49
Dimethylphthalate
Concen: 22.90 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2		3.0	4.4
164	10.7		8.0	12.0

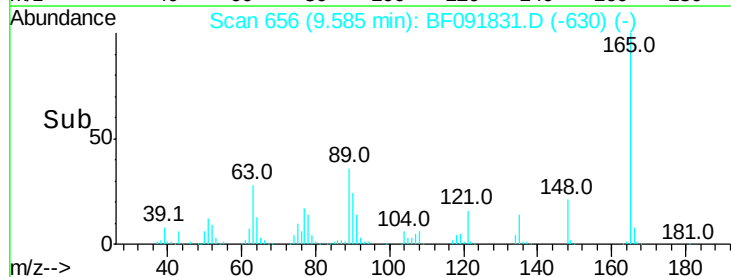
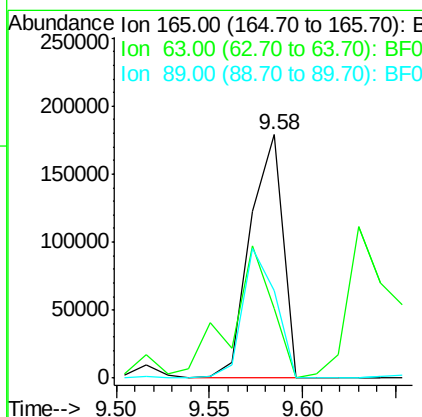
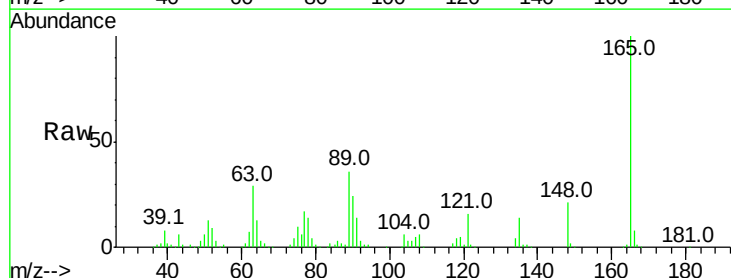
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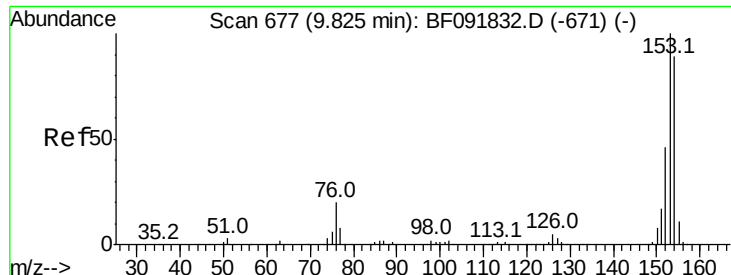
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#50
2,6-Dinitrotoluene
Concen: 25.17 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	28.7		36.2	54.4#
89	36.0		40.2	60.4#





#51

Acenaphthene

Concen: 26.74 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

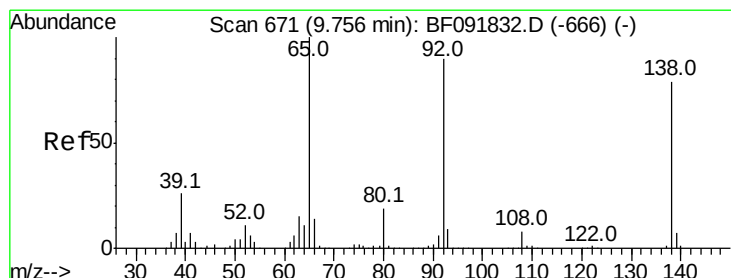
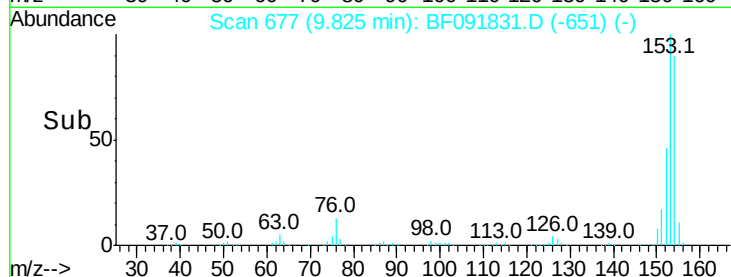
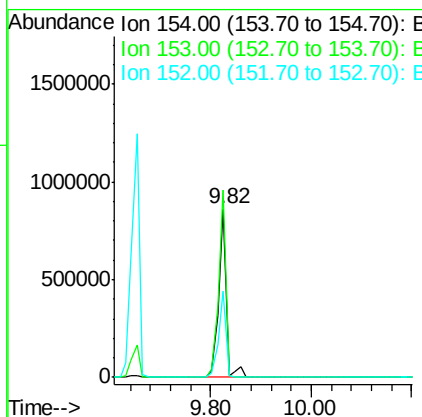
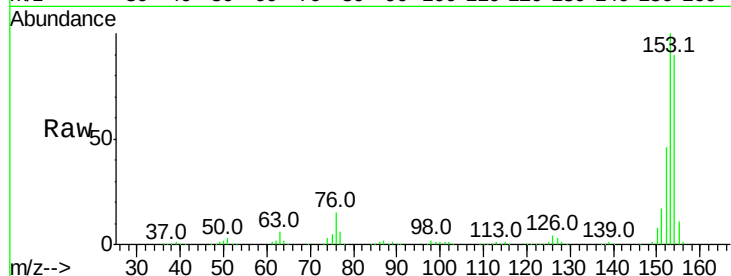
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.6	133.0
152	51.0	41.6	62.4

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#52

3-Nitroaniline

Concen: 22.47 ng

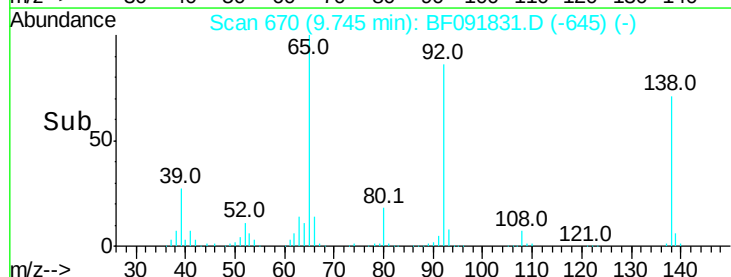
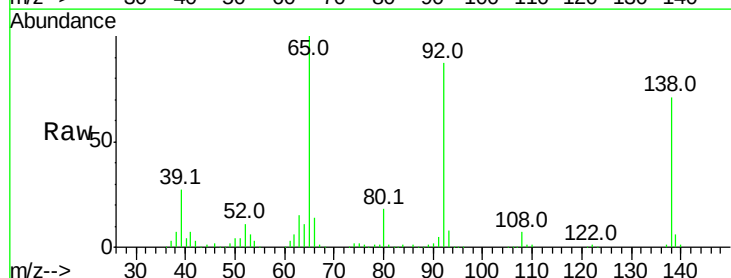
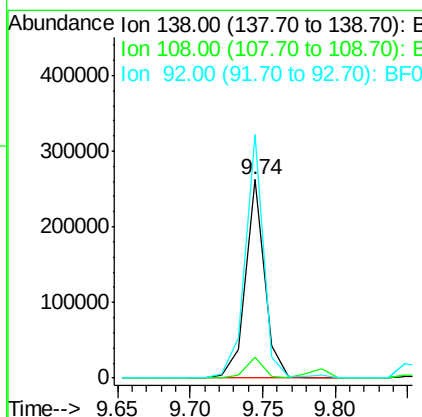
RT: 9.74 min Scan# 670

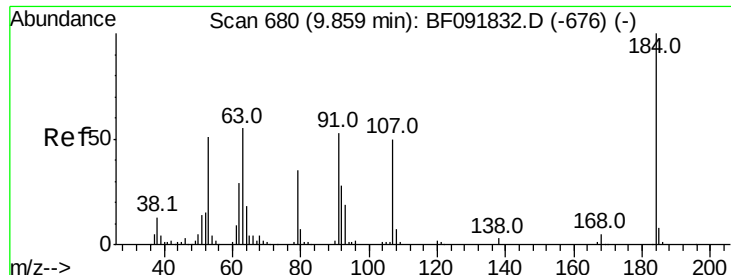
Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.5	12.7
92	122.6	97.8	146.8





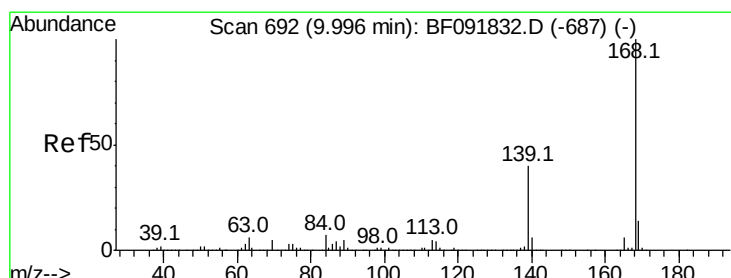
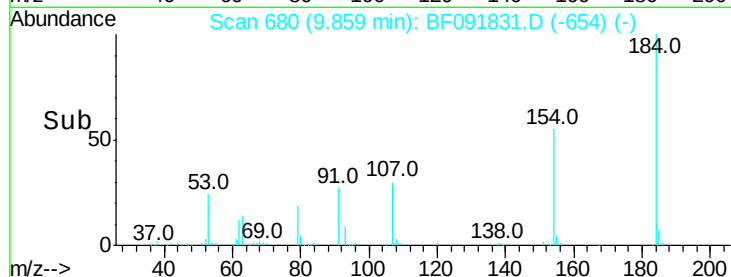
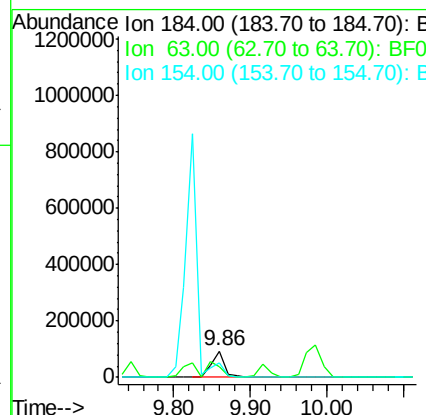
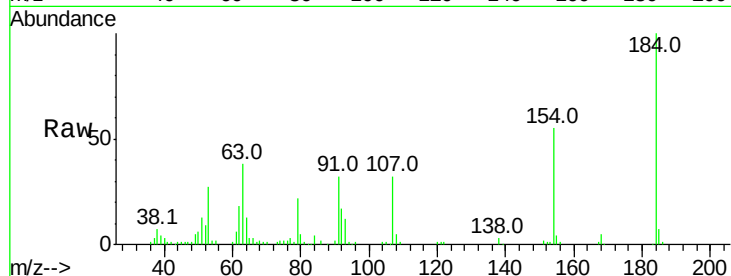
#53
2,4-Dinitrophenol
Concen: 24.14 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
184	100	112202		
63	37.8	28.4	42.6	
154	54.5	44.3	66.5	

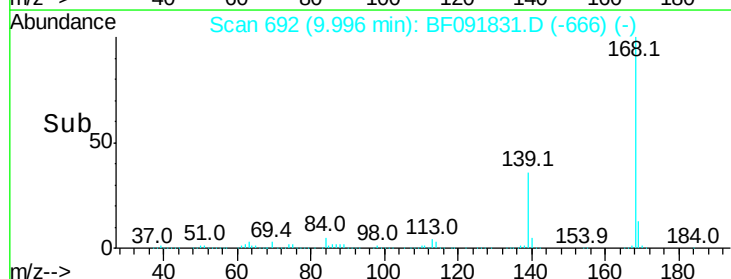
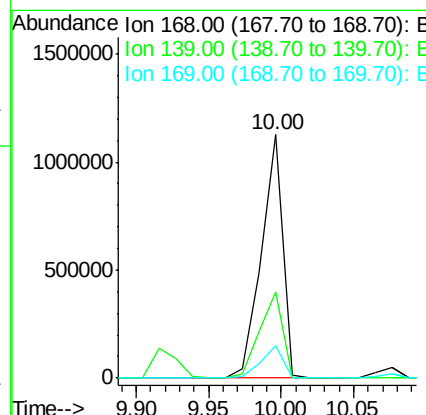
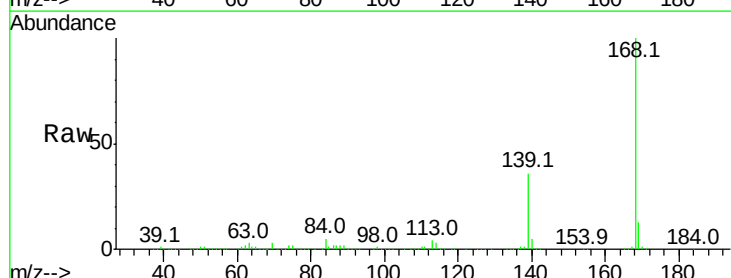
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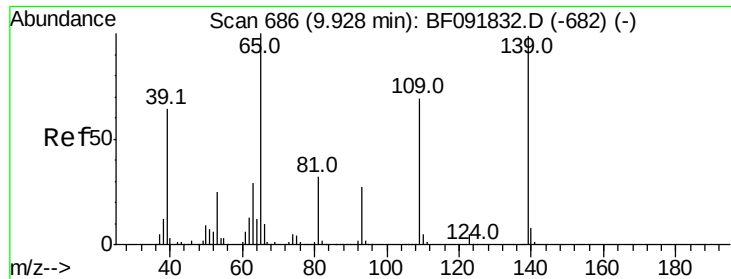
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#54
Dibenzofuran
Concen: 28.20 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1147573		
139	35.6	32.6	49.0	
169	13.3	11.3	16.9	





#55

4-Nitrophenol

Concen: 23.20 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

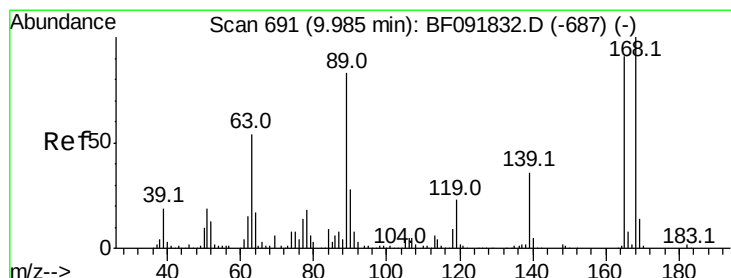
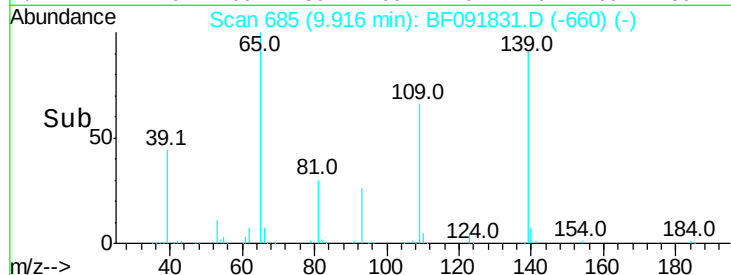
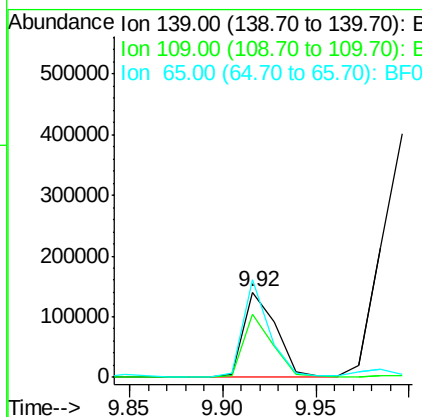
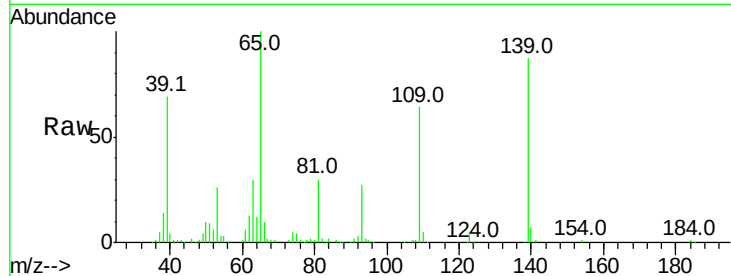
ClientSampleId :

SSTDIC025

Tot Ion:	139	Resp:	172656
Ion Ratio	Lower	Upper	
139	100		
109	73.4	52.2	92.2
65	114.3	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 26.96 ng

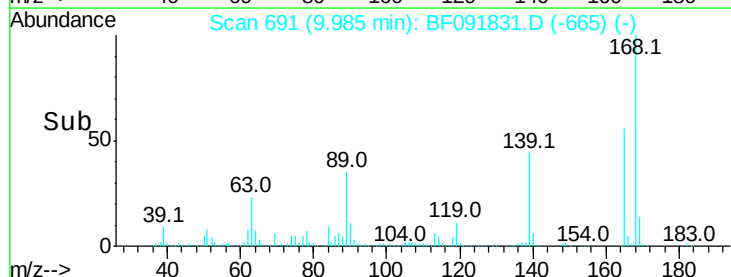
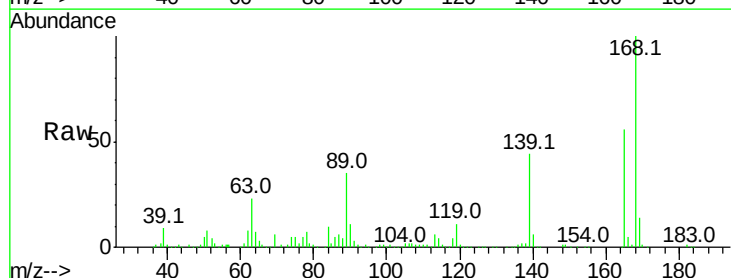
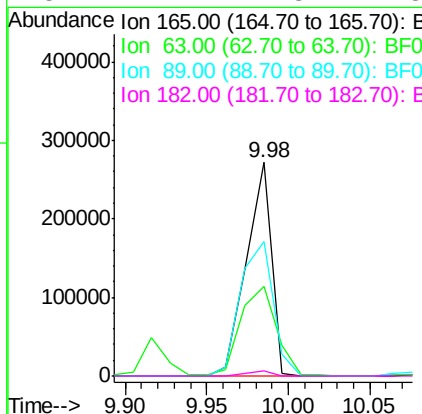
RT: 9.98 min Scan# 691

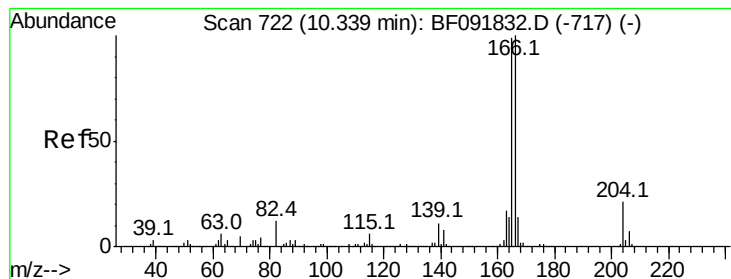
Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion:	165	Resp:	289860
Ion Ratio	Lower	Upper	
165	100		
63	41.9	40.2	60.4
89	62.9	62.5	93.7
182	2.4	1.8	2.8





#57

Fluorene

Concen: 28.71 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

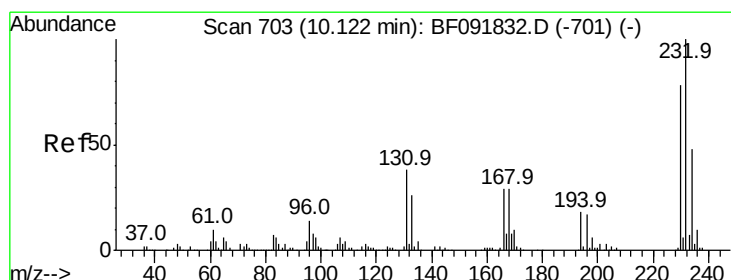
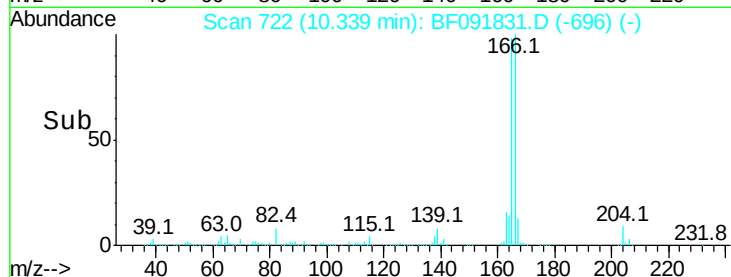
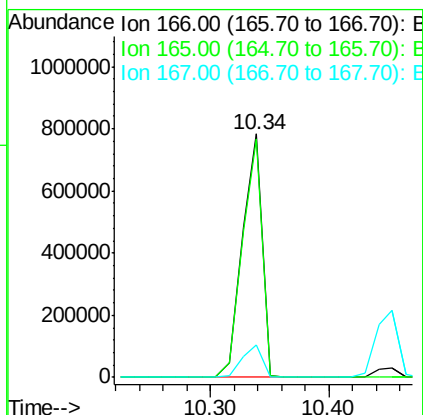
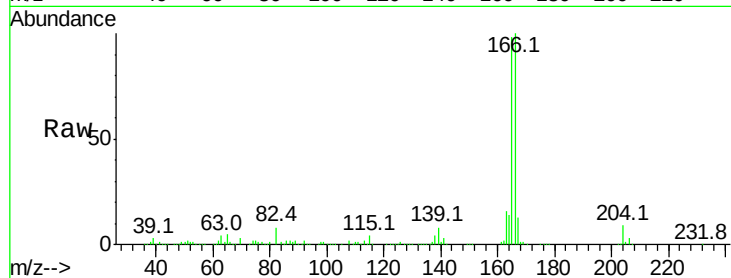
ClientSampleId :

SSTDICC025

Tot Ion:	166	Resp:	907545
Ion Ratio	Lower	Upper	
166	100		
165	97.9	77.8	116.8
167	13.2	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 23.95 ng

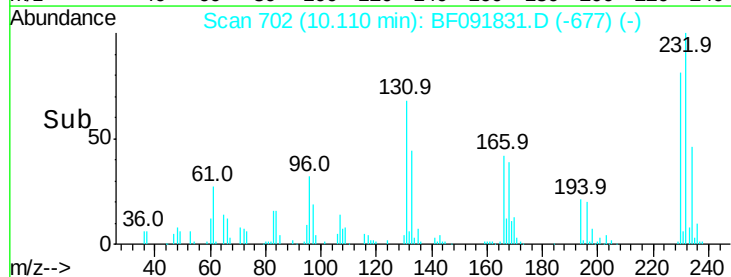
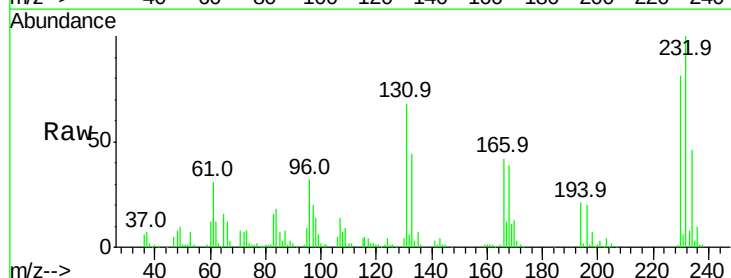
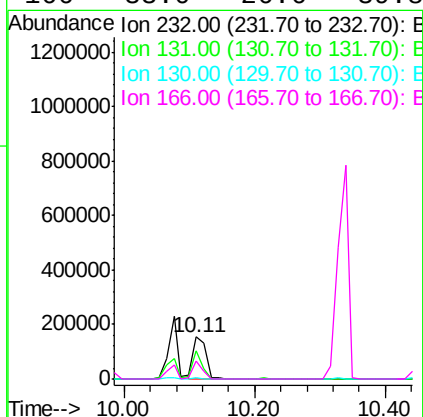
RT: 10.11 min Scan# 702

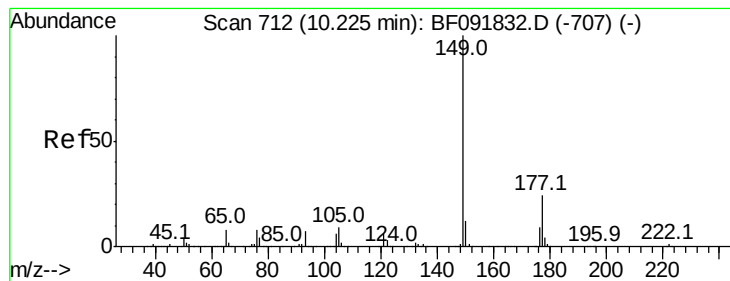
Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion:	232	Resp:	208133
Ion Ratio	Lower	Upper	
232	100		
131	50.7	40.1	60.1
130	2.4	1.8	2.8
166	33.0	26.6	39.8





#59

Diethylphthalate

Concen: 23.15 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

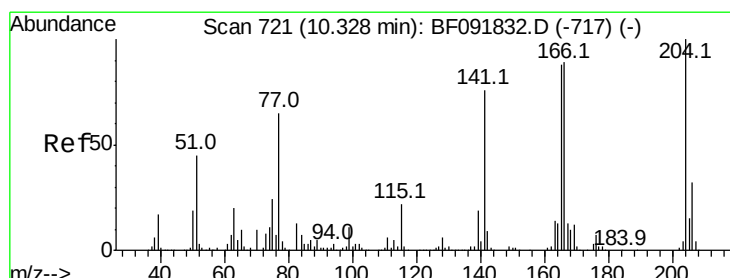
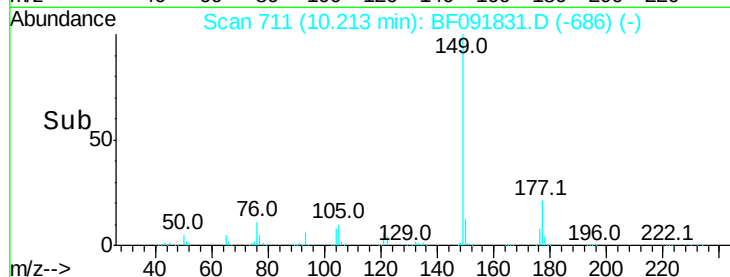
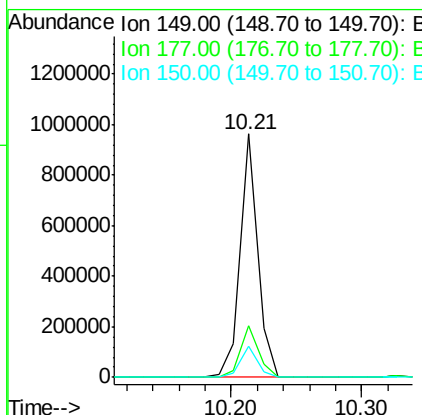
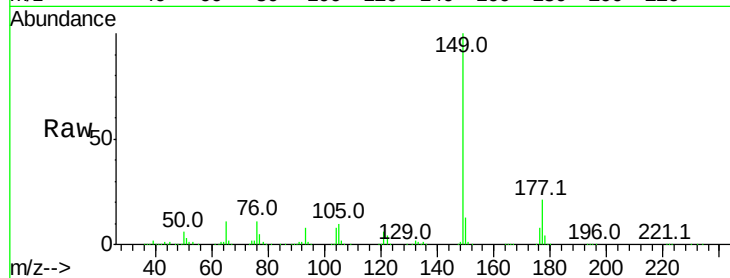
ClientSampleId :

SSTDIC025

Tot Ion:	149	Resp:	893312
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.6	25.0
150	12.6	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 26.61 ng

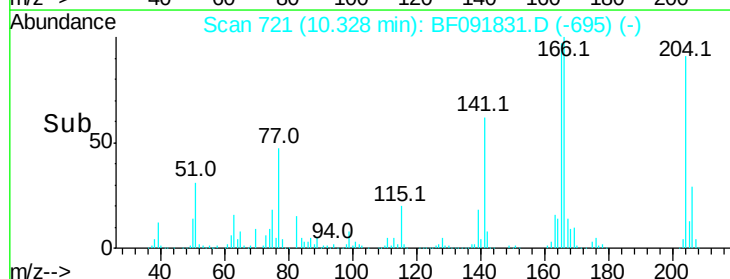
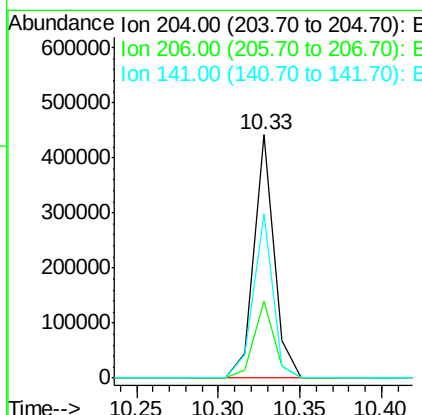
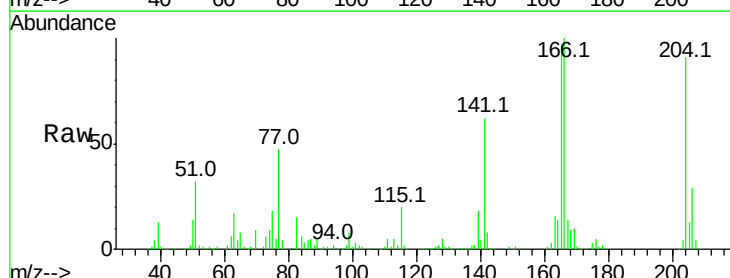
RT: 10.33 min Scan# 721

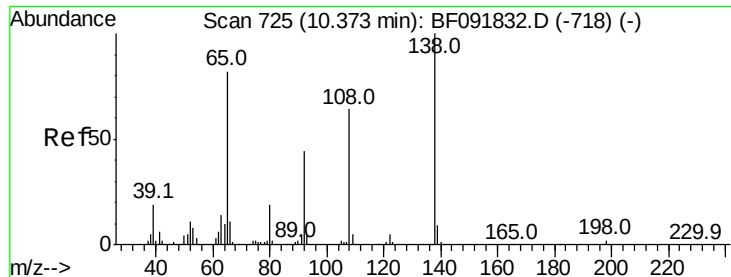
Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion:	204	Resp:	383222
Ion Ratio	Lower	Upper	
204	100		
206	31.9	25.8	38.6
141	67.5	59.4	89.0





#61

4-Nitroaniline

Concen: 27.38 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:138 Resp: 277979

Ion Ratio Lower Upper

138 100

92 39.8 31.7 71.7

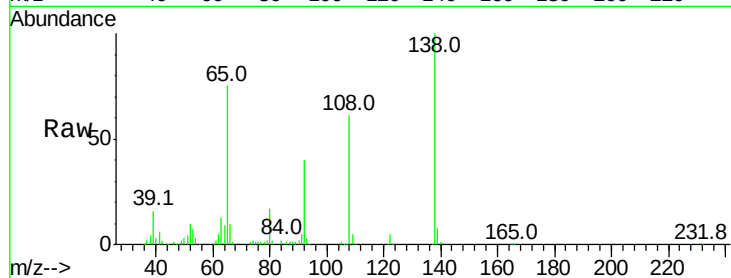
108 60.6 52.6 92.6

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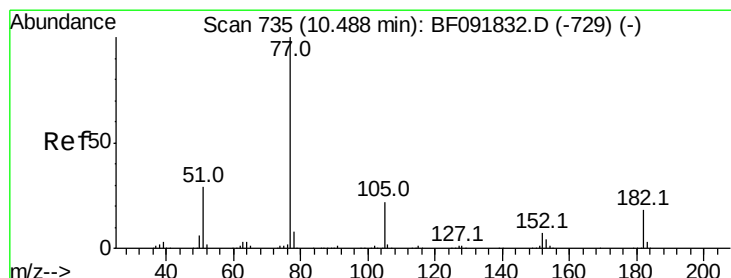
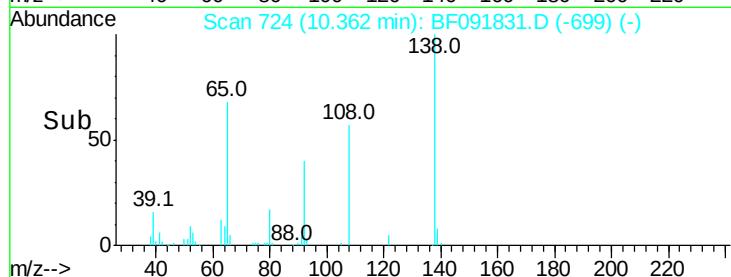
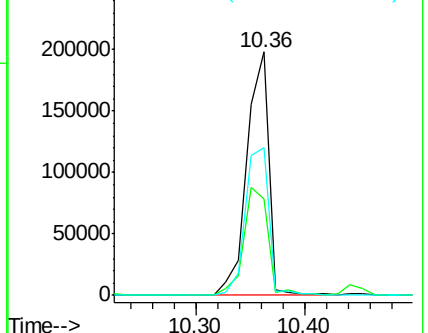
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 25.28 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion: 77 Resp: 1037907

Ion Ratio Lower Upper

77 100

182 21.9 0.0 39.3

105 23.5 2.3 42.3

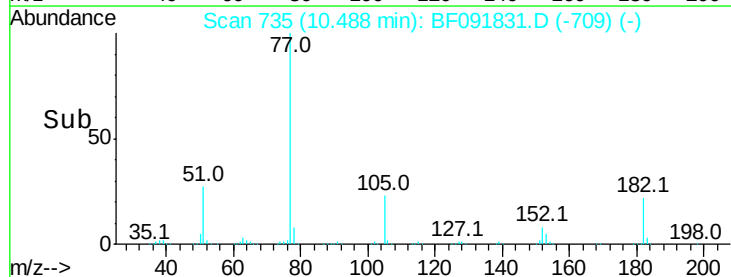
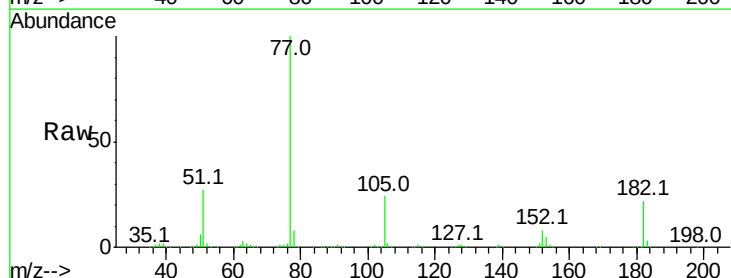
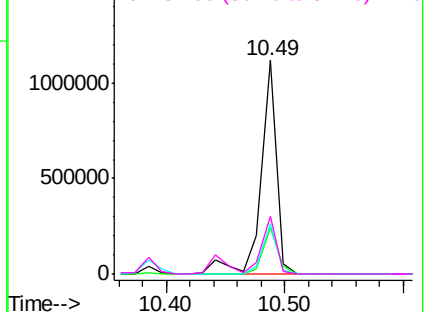
51 27.2 8.9 48.9

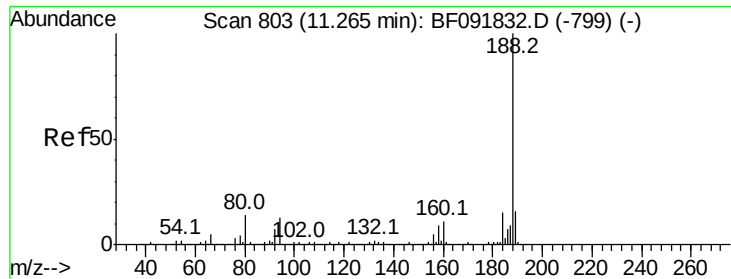
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





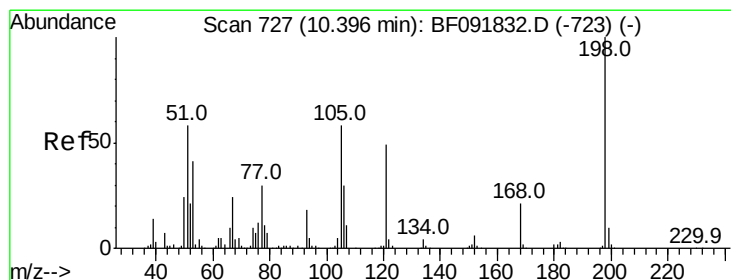
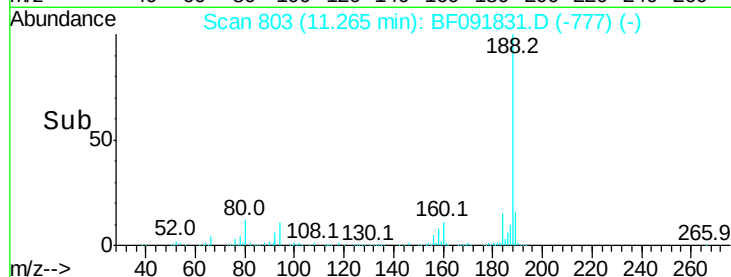
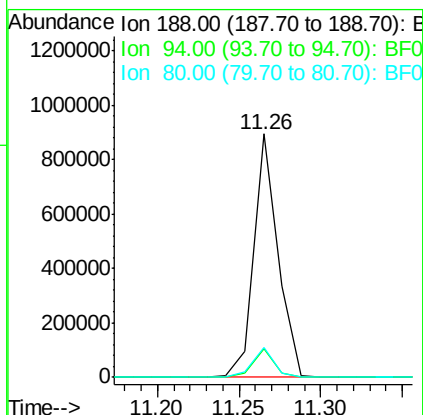
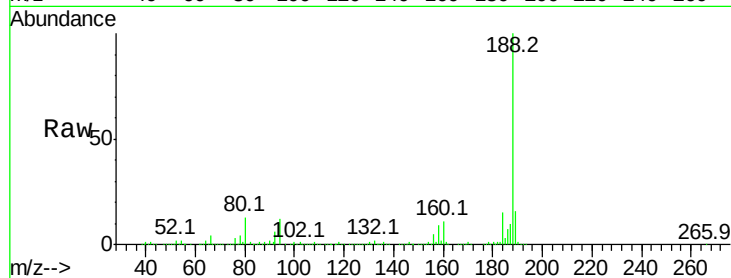
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
188	100	919323		
94	11.8		10.0	15.0
80	12.5		11.2	16.8

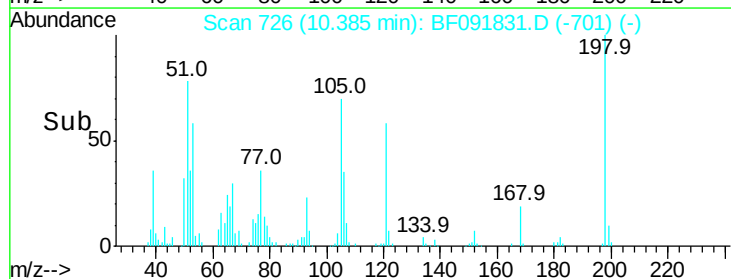
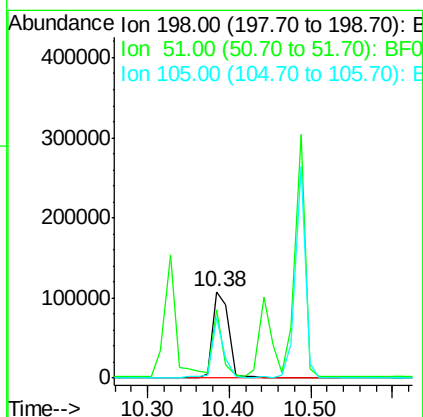
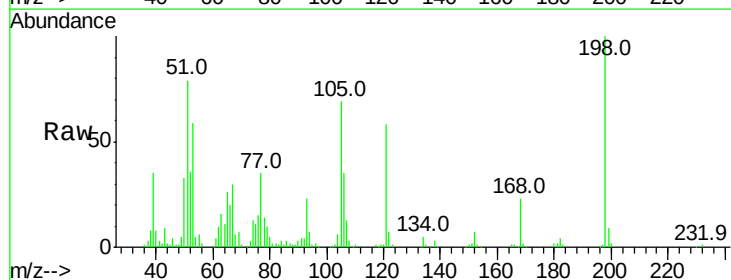
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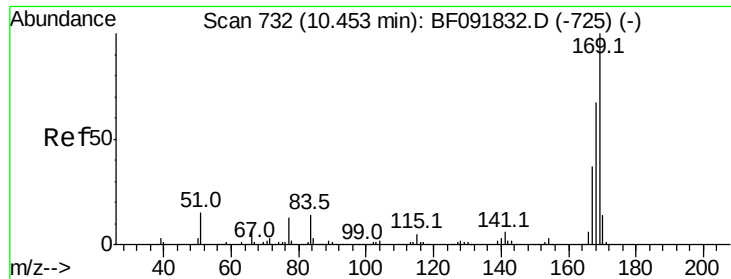
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.45 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	148273		
51	78.7		6.7	46.7#
105	69.4		16.6	56.6#





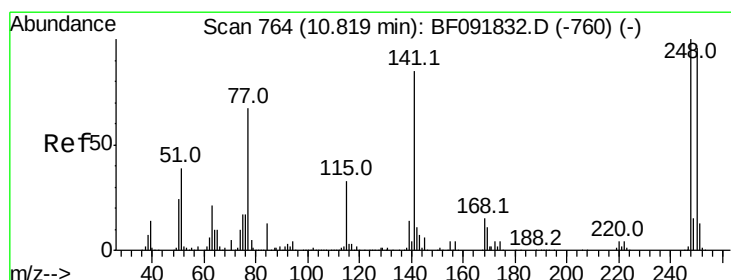
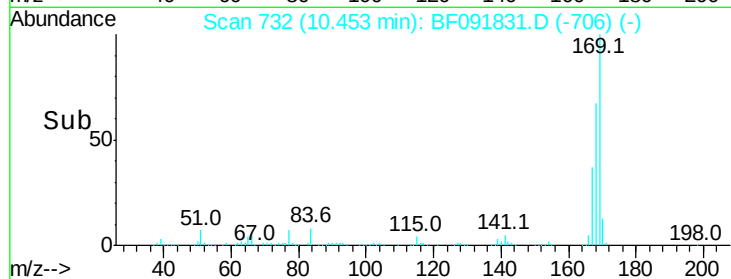
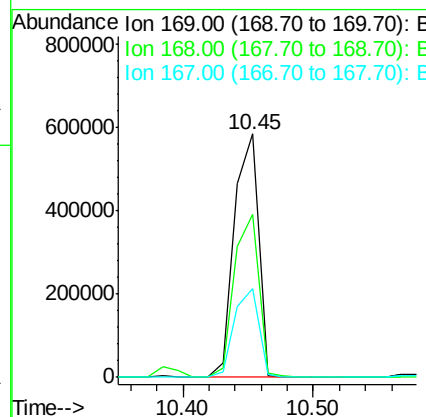
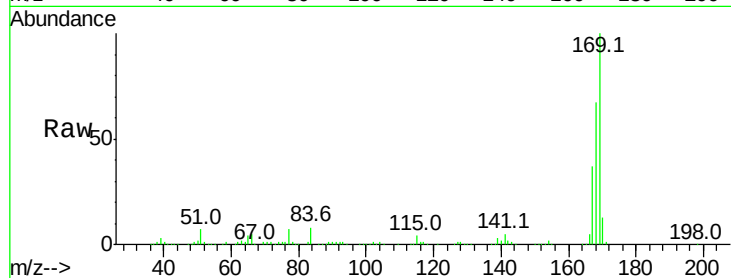
#65
n-Nitrosodiphenylamine
Concen: 26.32 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
169	100	751282		
168	67.1		54.2	81.2
167	36.7		30.2	45.4

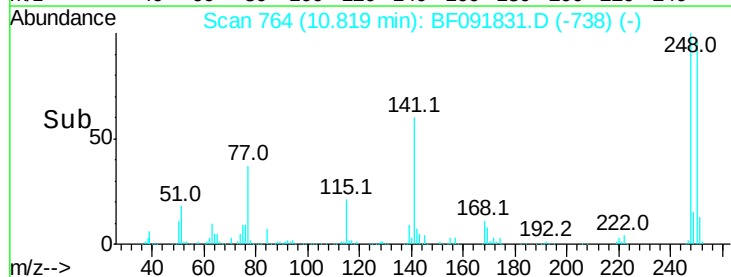
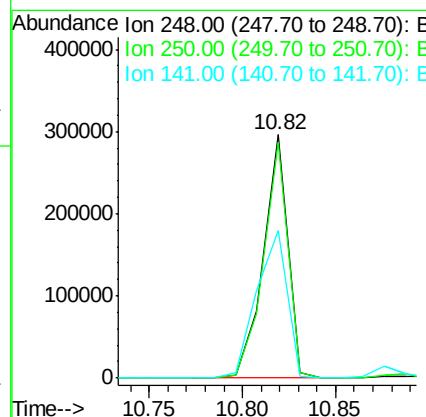
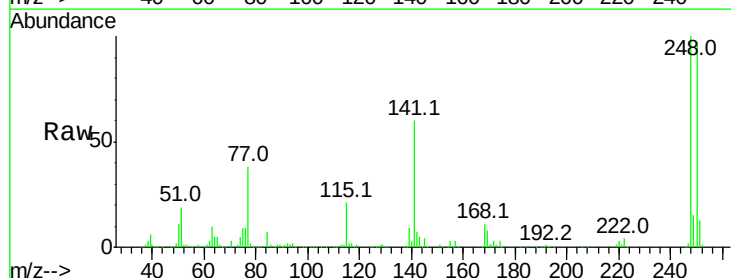
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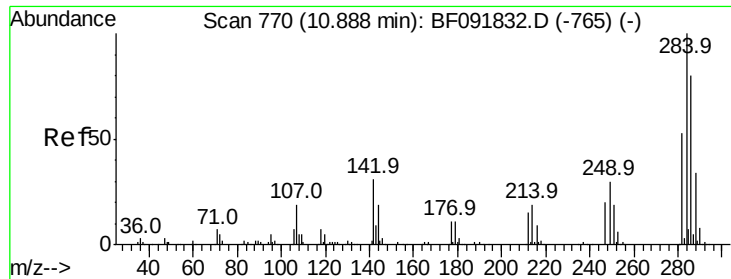
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#66
4-Bromophenyl-phenylether
Concen: 27.74 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	267459		
250	96.8		76.9	115.3
141	60.4		68.2	102.4#





#67

Hexachlorobenzene

Concen: 27.13 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

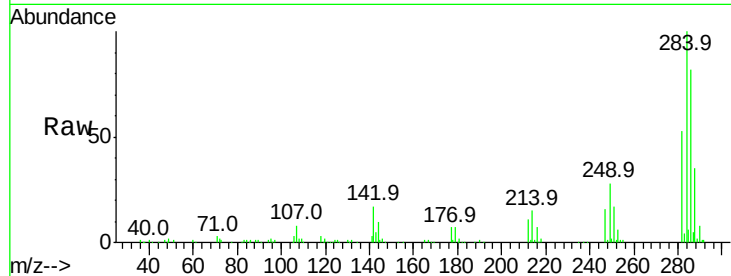
ClientSampleId :

SSTDICC025

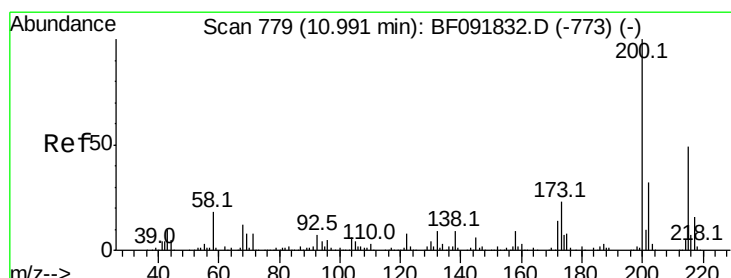
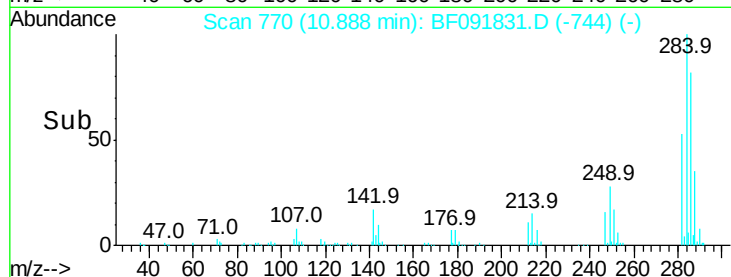
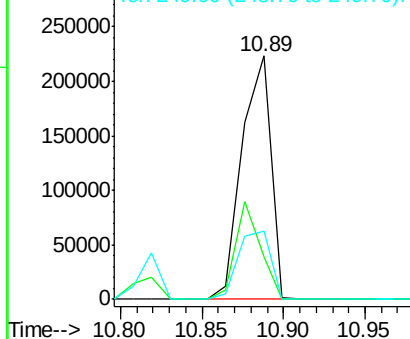
Tot Ion:	284	Resp:	274076
Ion Ratio	Lower	Upper	
284	100		
142	17.5	22.6	33.8#
249	28.1	25.4	38.0

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



#68

Atrazine

Concen: 27.22 ng

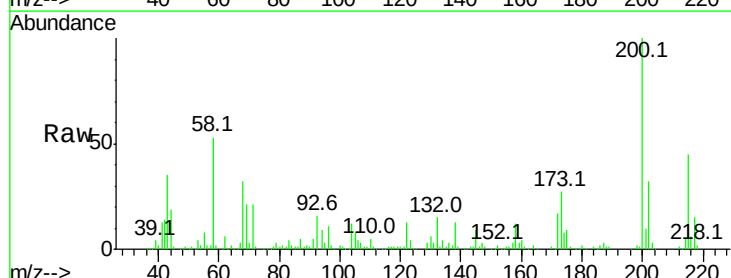
RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

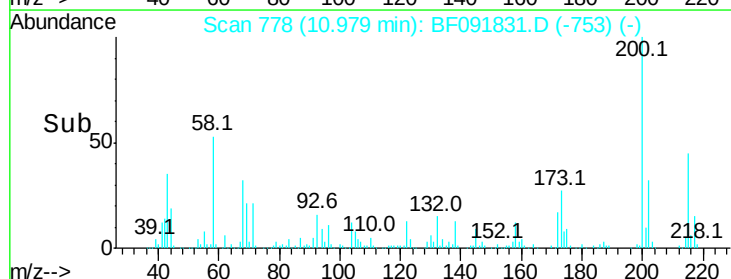
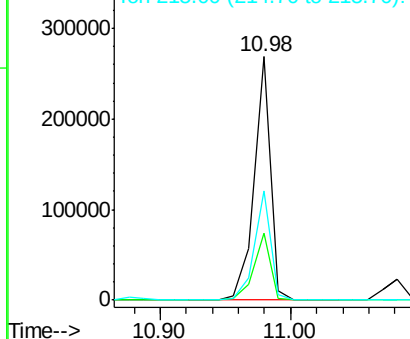
Lab File: BF091831.D

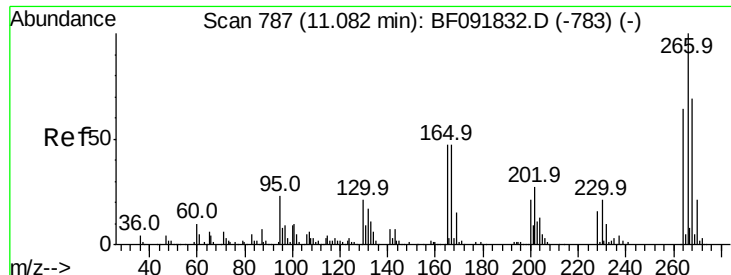
Acq: 21 Dec 2016 13:10

Tgt Ion:	200	Resp:	234797
Ion Ratio	Lower	Upper	
200	100		
173	27.5	9.6	49.6
215	44.7	25.7	65.7



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





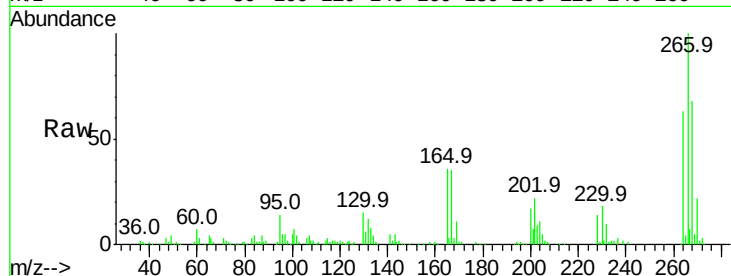
#69
 Pentachlorophenol
 Concen: 24.53 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

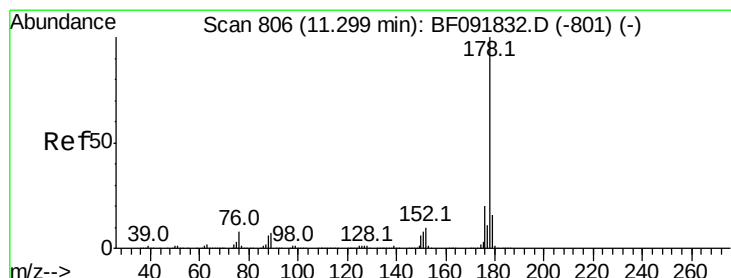
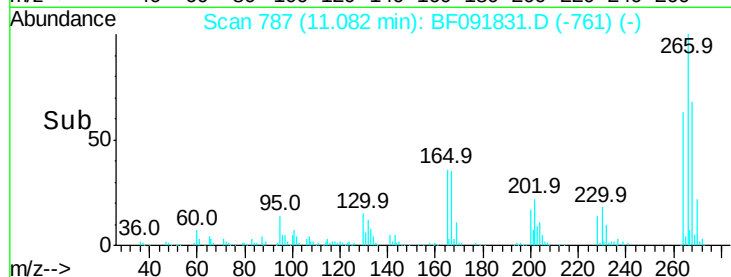
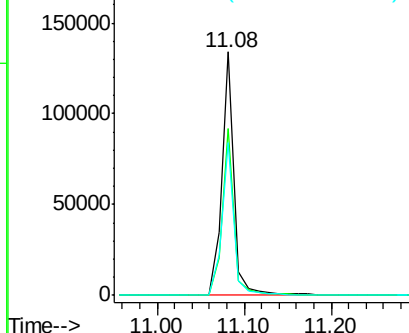
Tot Ion	Ratio	Resp	Lower	Upper
266	100	133687		
268	68.3	53.3	79.9	
264	62.8	50.3	75.5	

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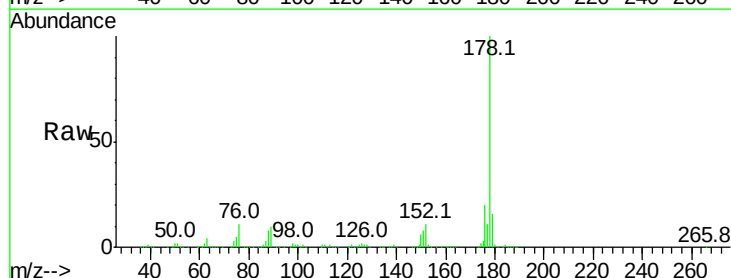


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

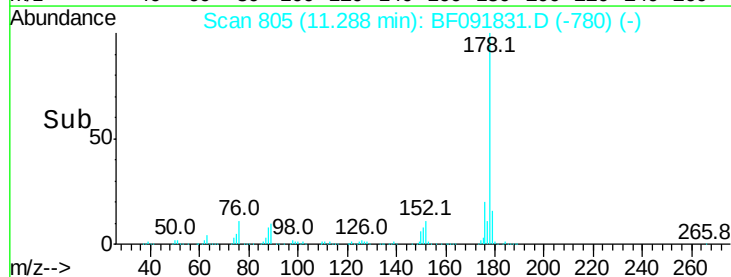
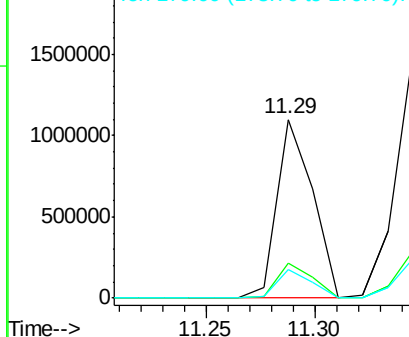


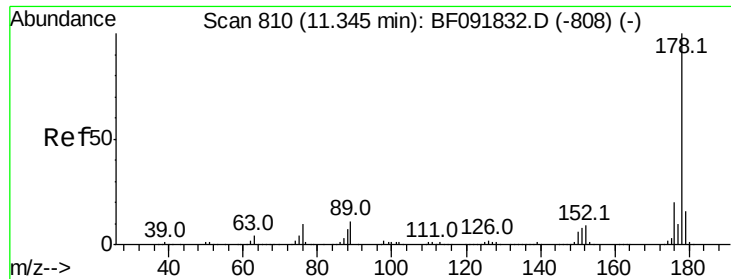
#70
 Phenanthrene
 Concen: 27.59 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1267607		
176	19.5	16.6	25.0	
179	16.0	12.8	19.2	



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





#71
 Anthracene
 Concen: 28.02 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

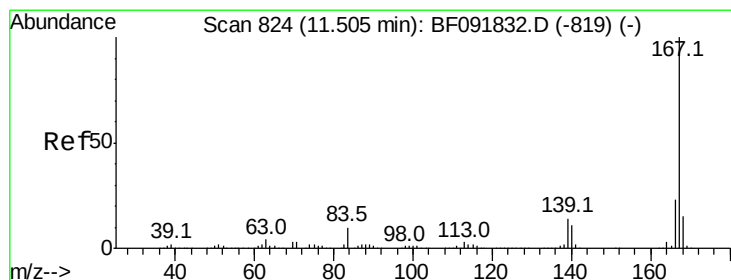
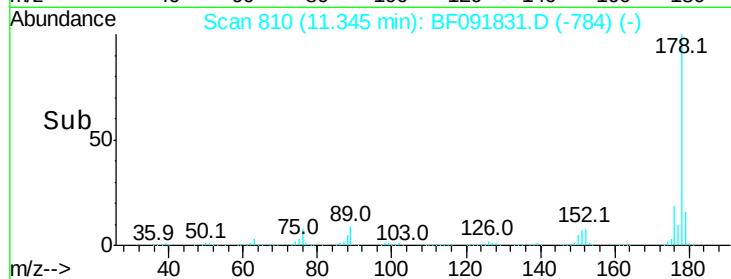
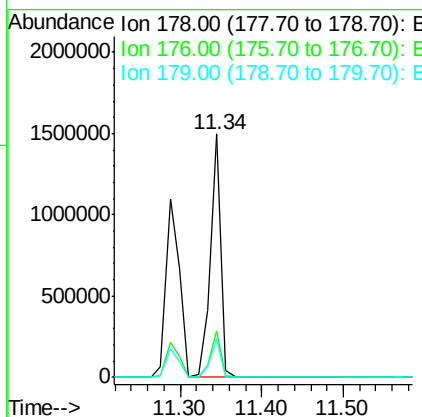
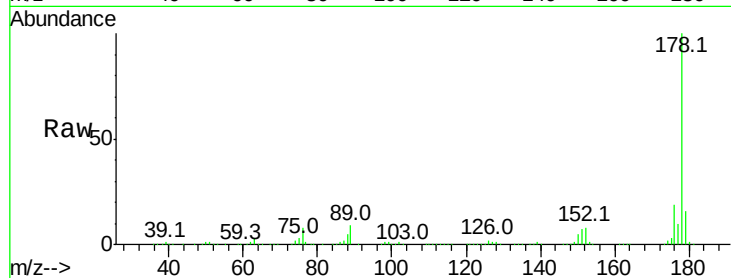
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:178 Resp: 1363399

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.7	13.2	19.8

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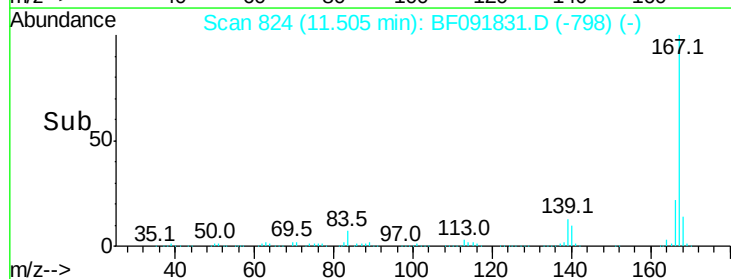
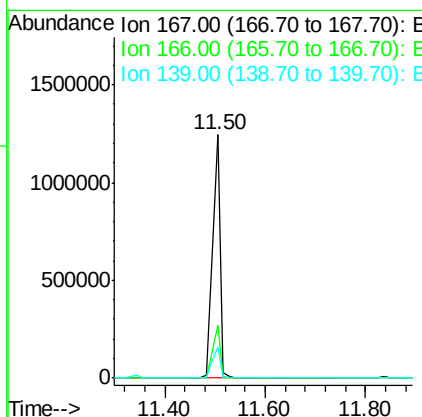
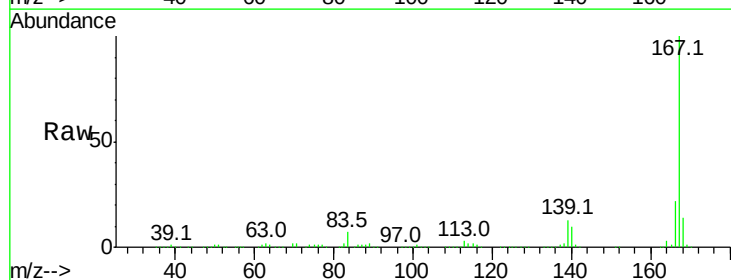
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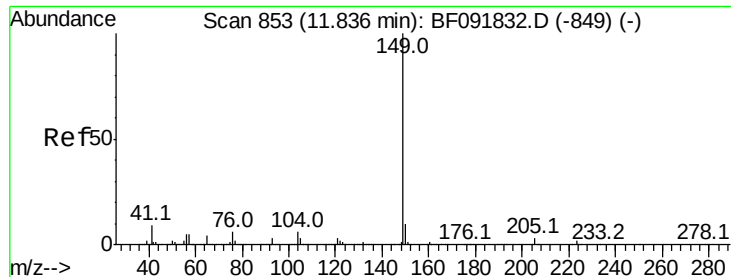


#72
 Carbazole
 Concen: 30.26 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Tgt Ion:167 Resp: 1287328

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	12.7	11.4	17.2





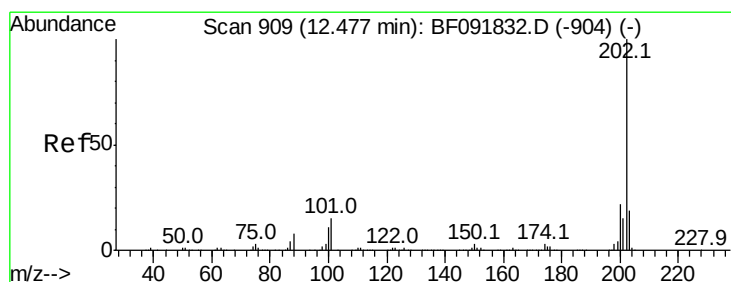
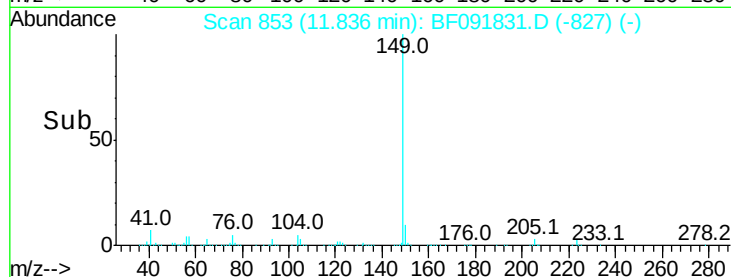
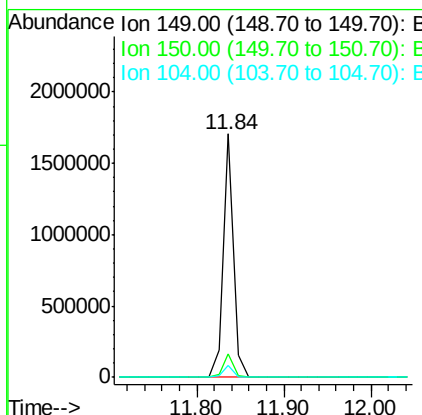
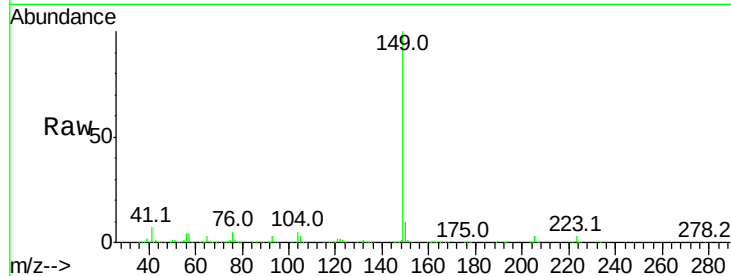
#73
Di-n-butylphthalate
Concen: 25.94 ng
RT: 11.84 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.0	4.6	7.0

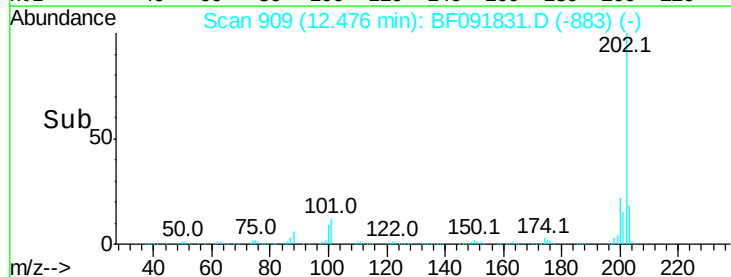
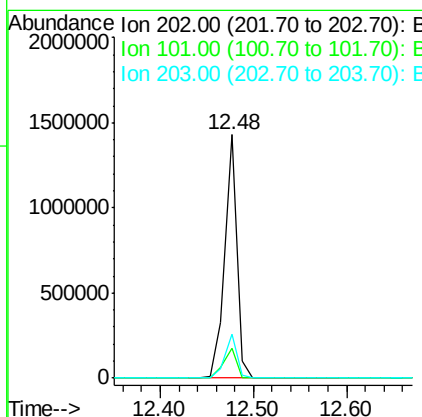
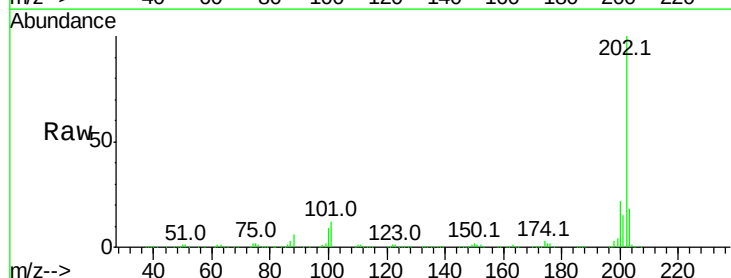
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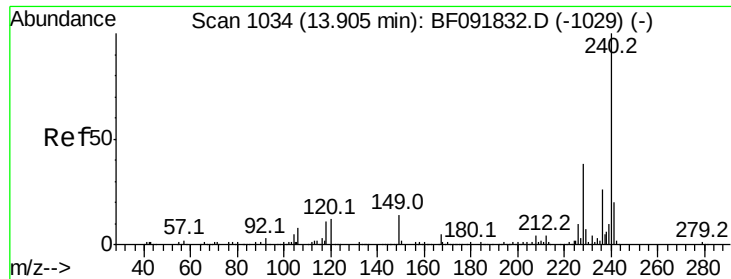
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#74
Fluoranthene
Concen: 26.77 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.6
203	18.0	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Instrument :

BNA_F

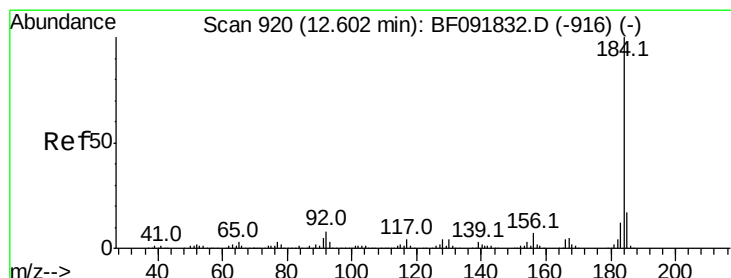
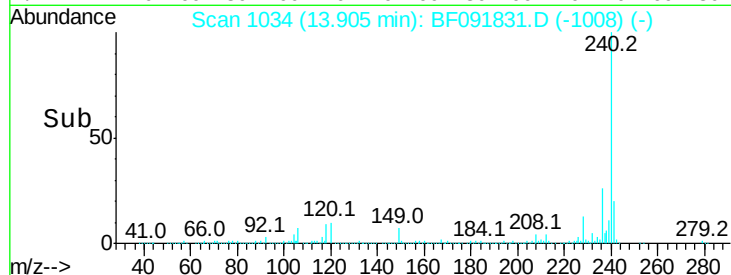
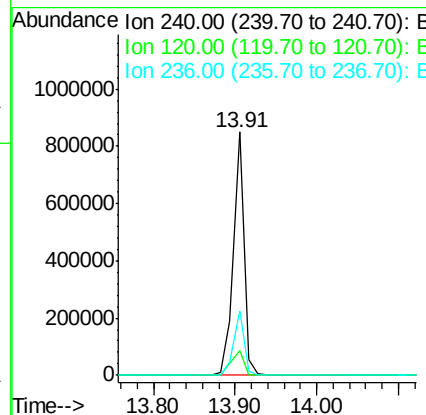
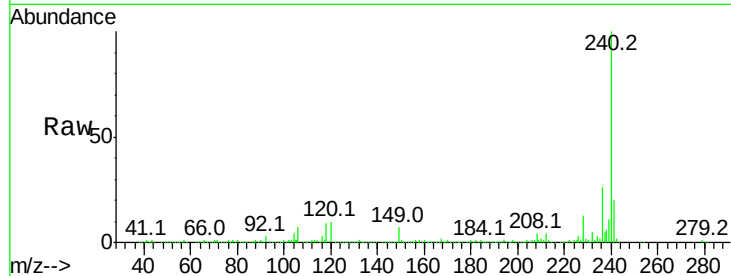
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.9	19.3#
236	26.4	20.9	31.3

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#76

Benzidine

Concen: 25.69 ng

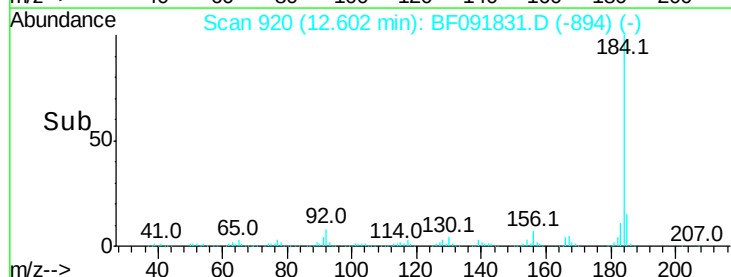
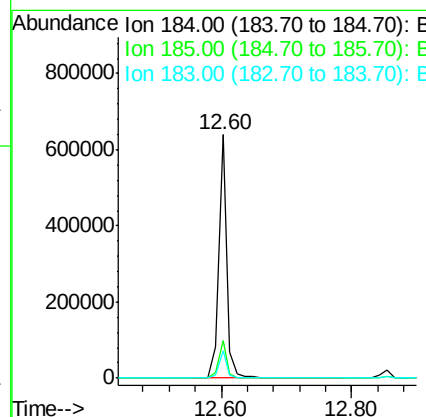
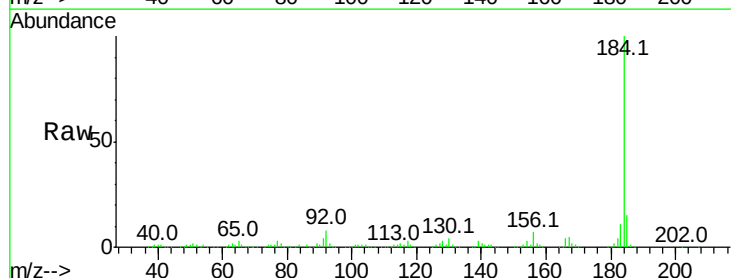
RT: 12.60 min Scan# 920

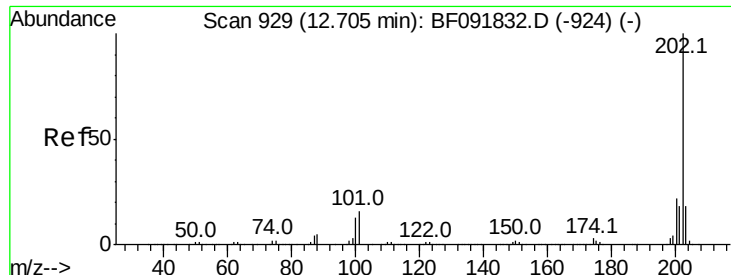
Delta R.T. -0.00 min

Lab File: BF091831.D

Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.0
183	11.4	9.2	13.8





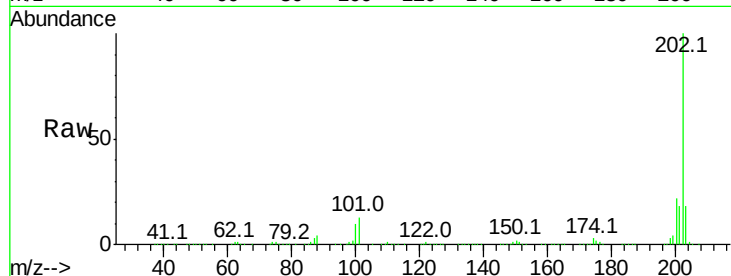
#77
Pvrene
Concen: 24.47 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

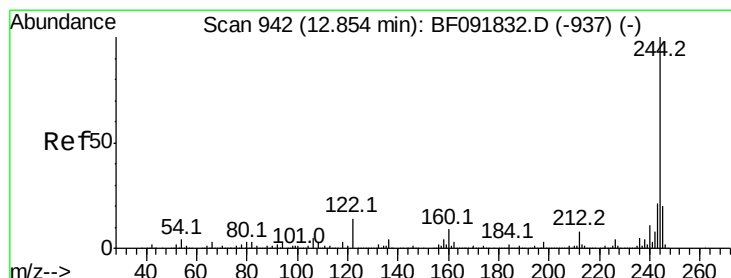
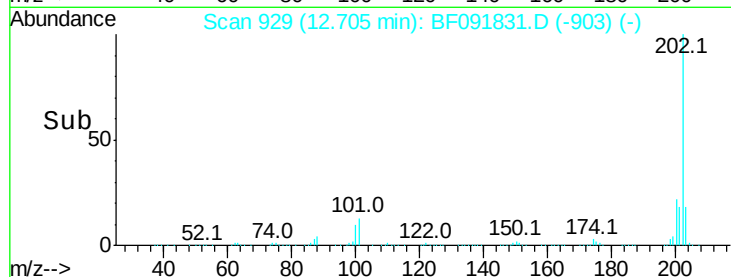
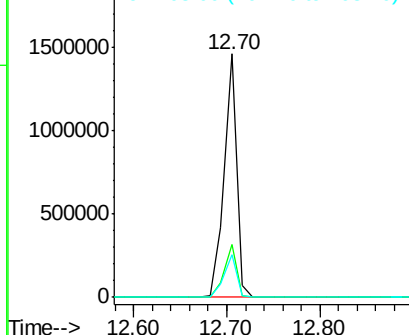
Tot Ion:202 Resp: 1350304
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 17.7 14.7 22.1

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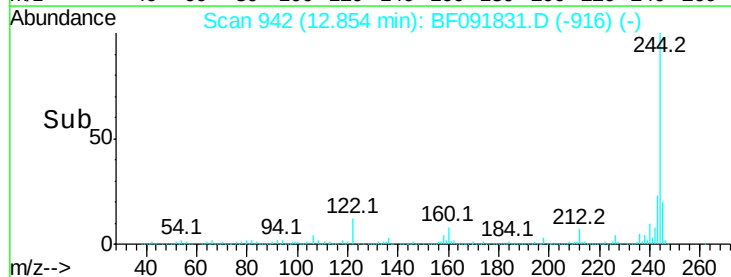
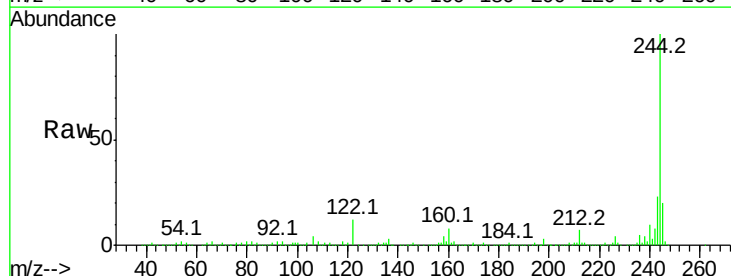
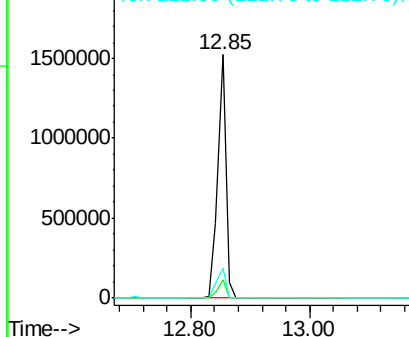
Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

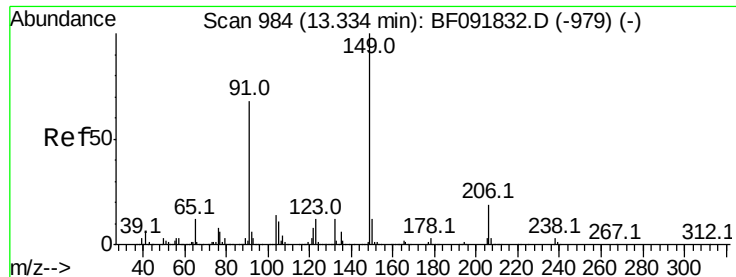


#78
Terphenyl-d14
Concen: 47.93 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion:244 Resp: 1450762
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 12.1 11.4 17.2

Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





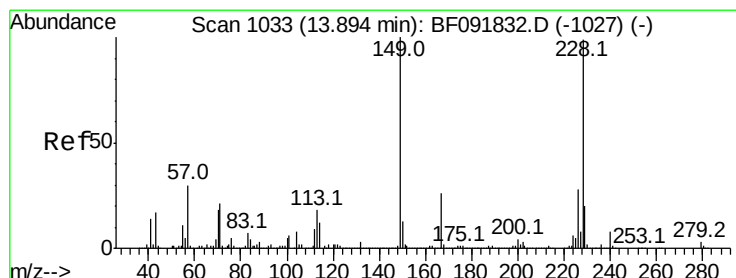
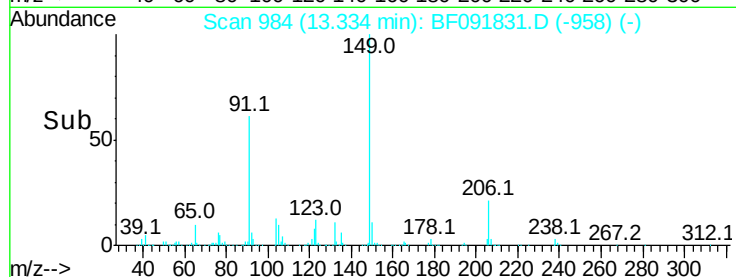
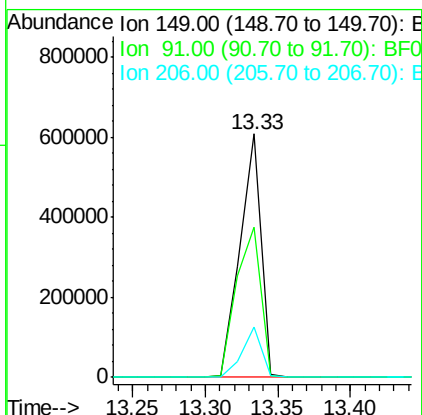
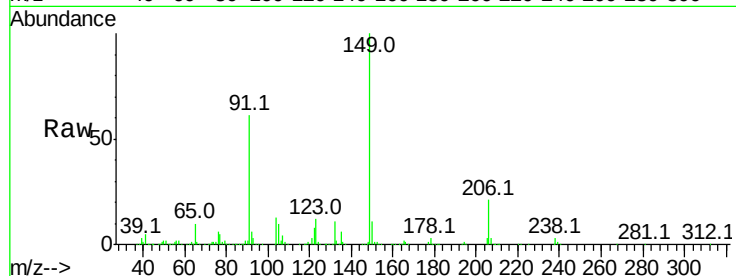
#79
Butylbenzylphthalate
Concen: 23.85 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.5	63.9	95.9#
206	20.9	14.6	21.8

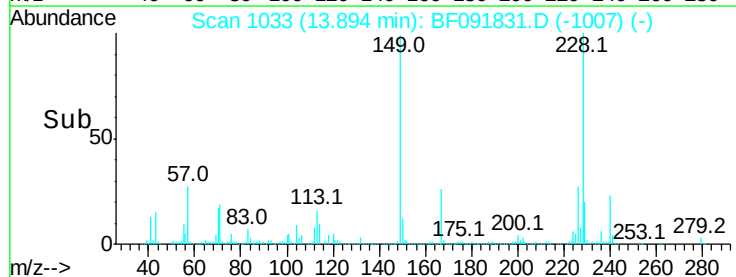
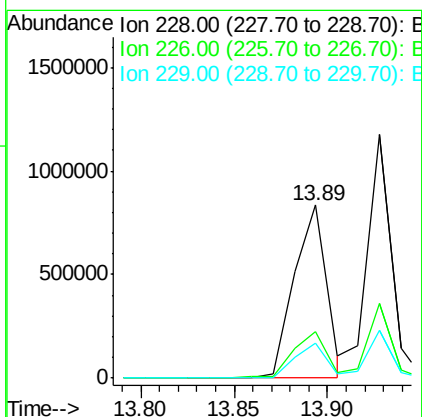
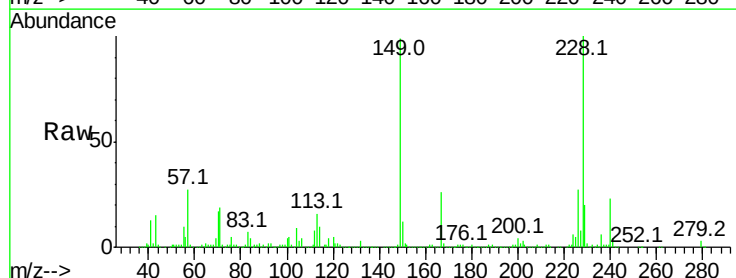
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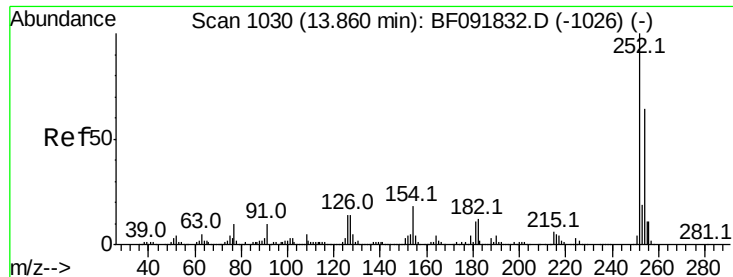
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#80
Benzo(a)anthracene
Concen: 23.18 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.4	33.6
229	19.9	16.2	24.4





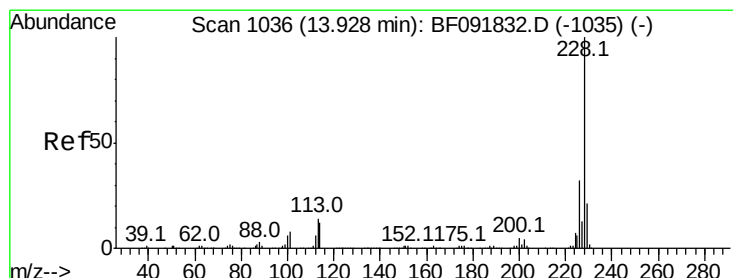
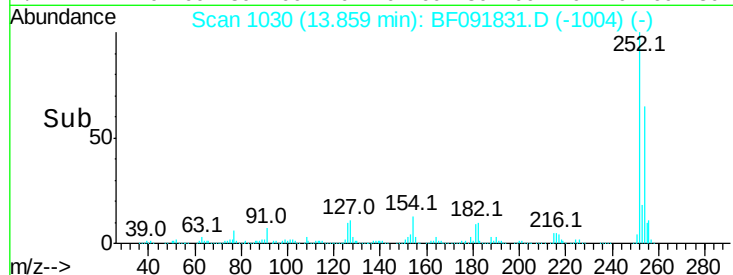
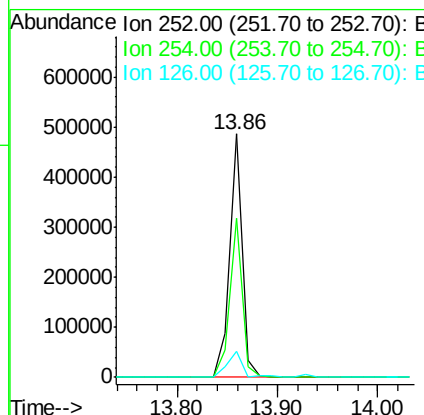
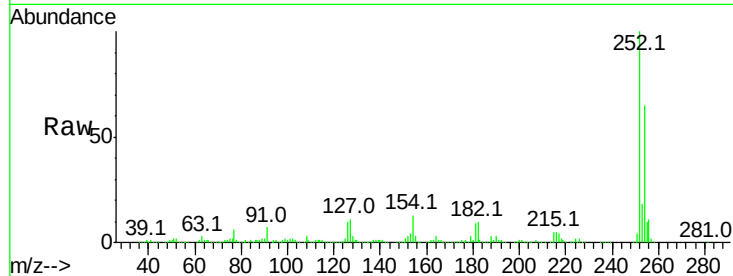
#81
 3,3'-Dichlorobenzidine
 Concen: 24.29 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.1	52.3	78.5	
126	10.4	13.6	20.4	

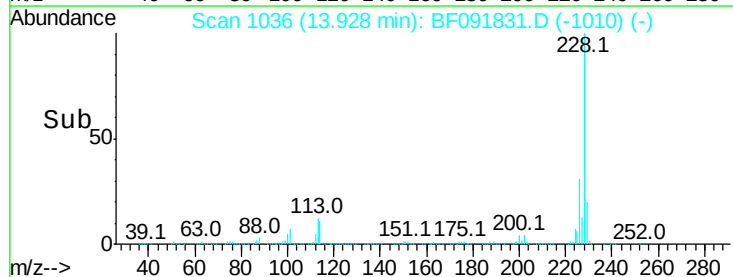
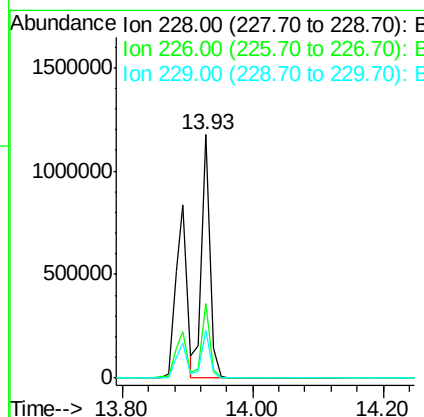
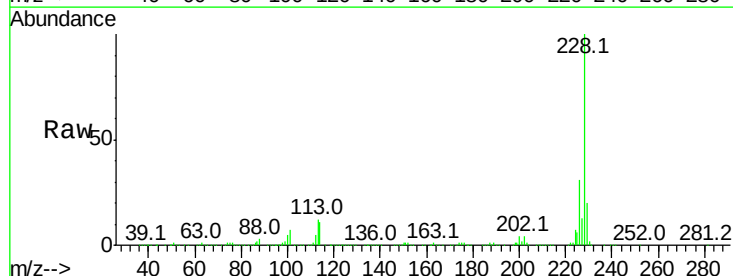
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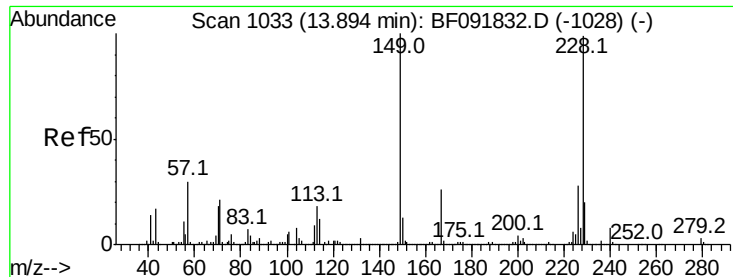
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#82
 Chrysene
 Concen: 22.73 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.7	25.4	38.0	
229	19.7	16.2	24.2	





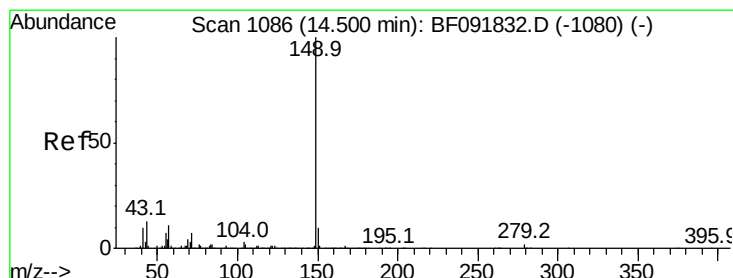
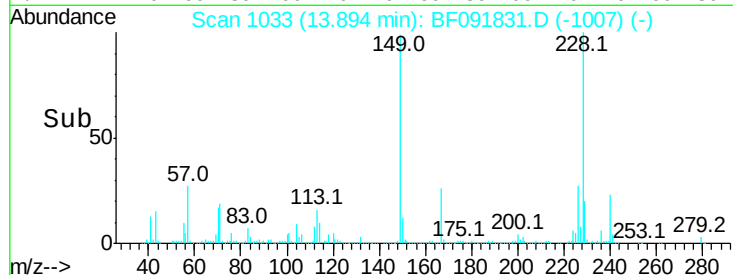
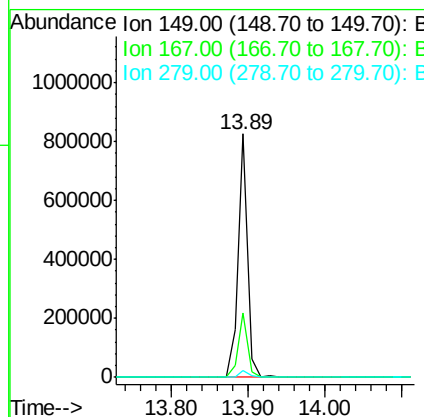
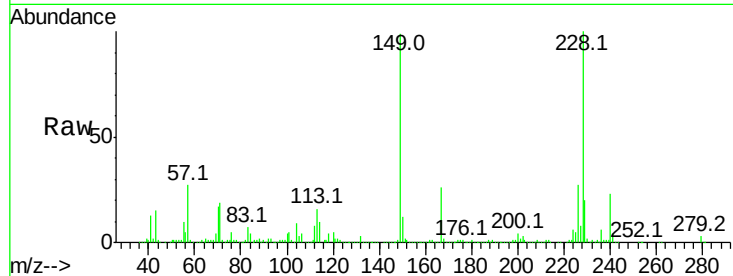
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.33 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.2	30.4
279	3.0	1.8	2.8#

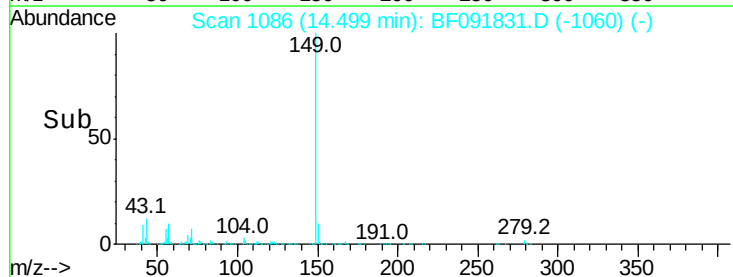
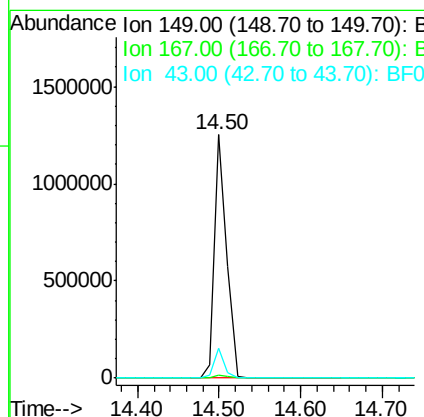
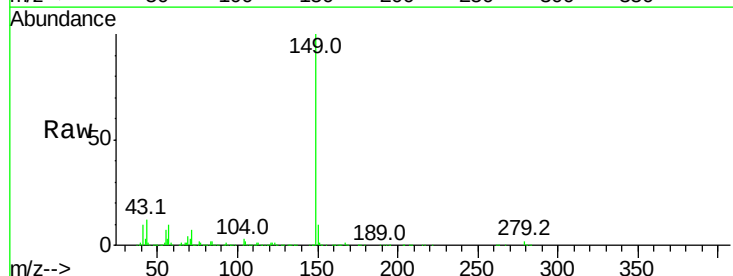
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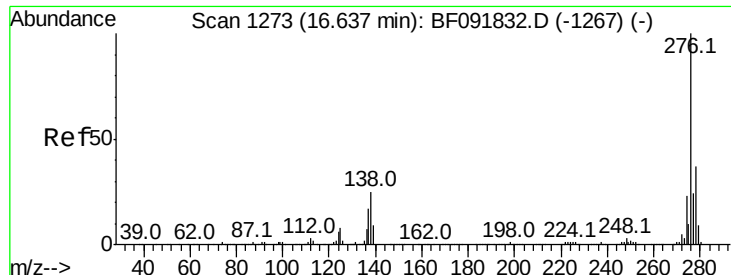
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#84
 Di-n-octyl phthalate
 Concen: 21.70 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	8.9	13.3





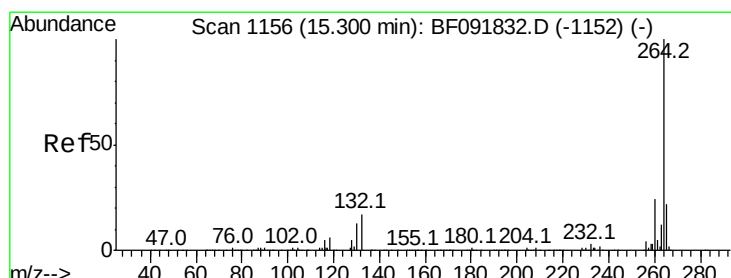
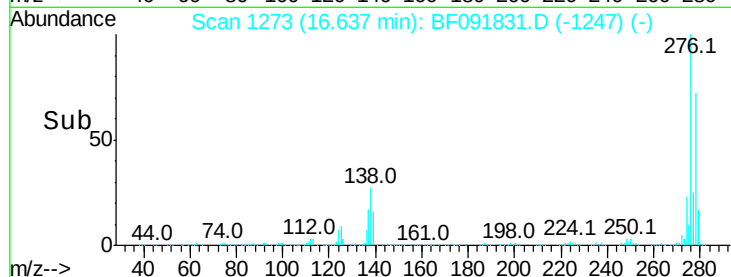
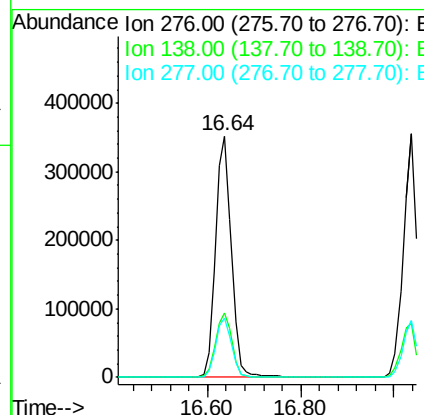
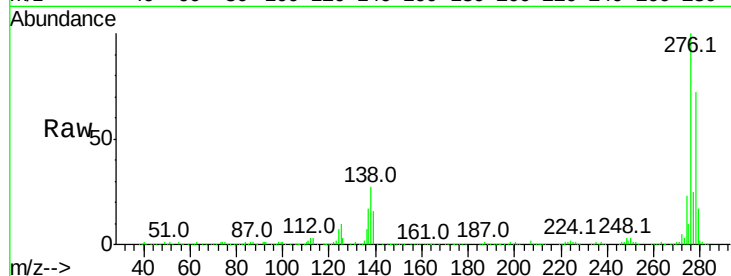
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.77 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.8	32.6
277	25.0	20.2	30.4

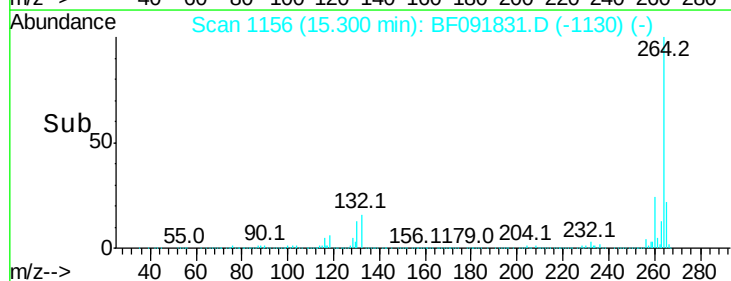
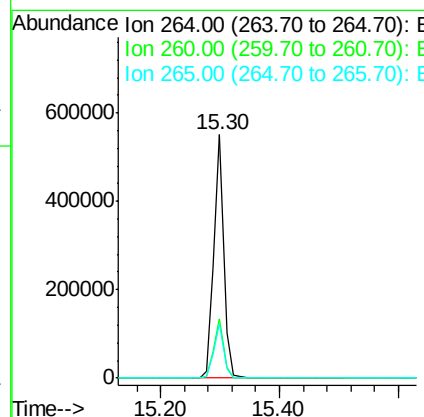
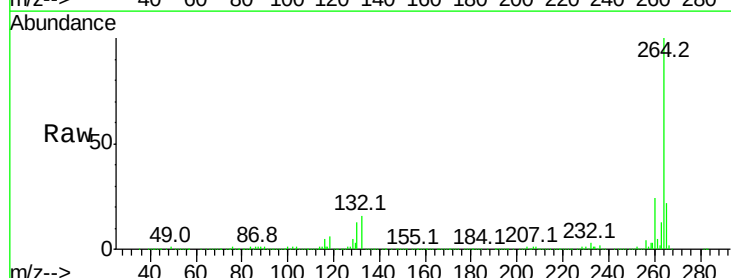
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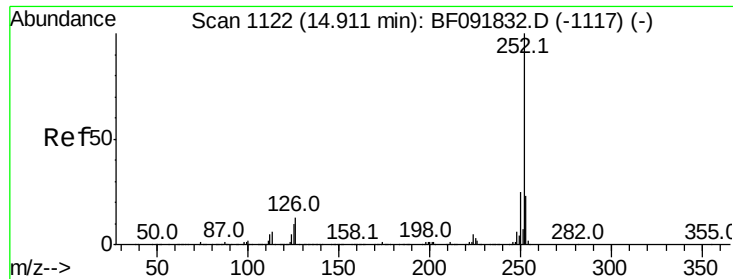
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.4	26.0





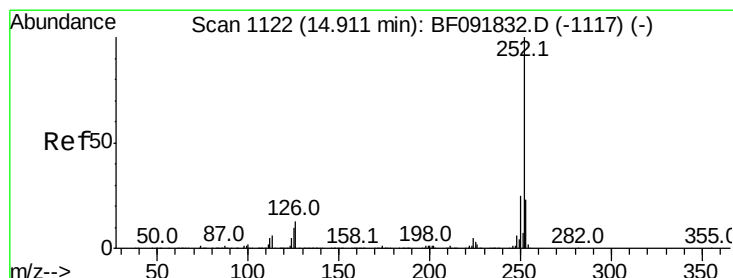
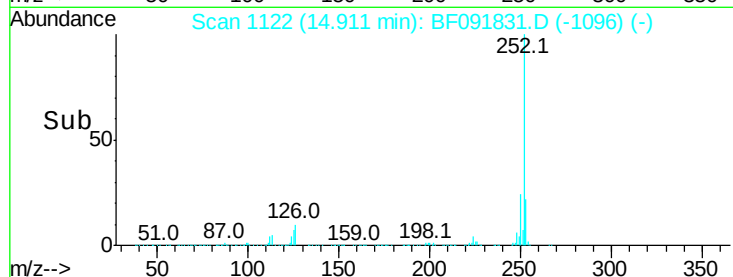
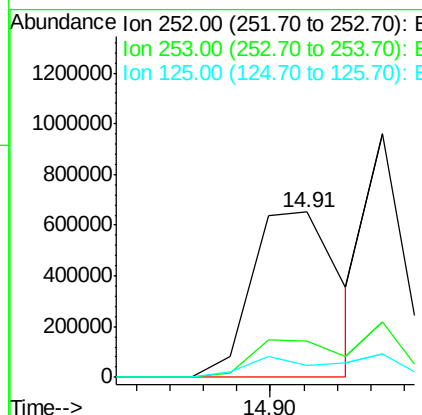
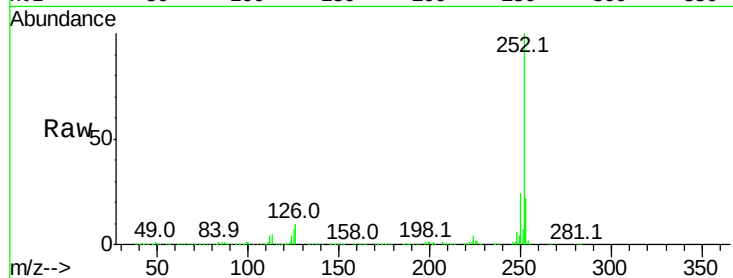
#87
Benzo(b)fluoranthene
Concen: 29.04 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:252 Resp: 1183670
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 7.3 9.8 14.6#

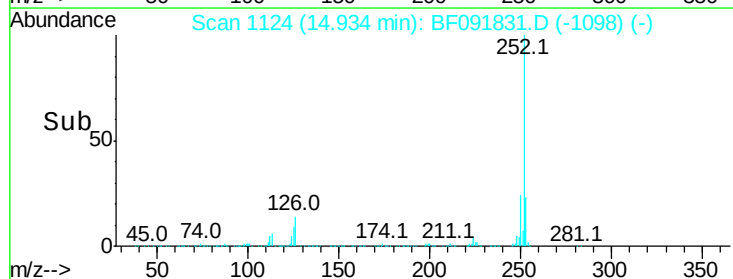
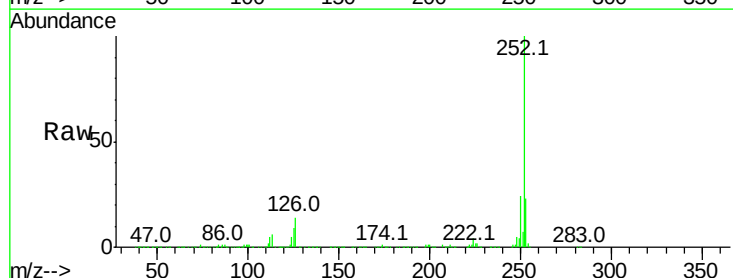
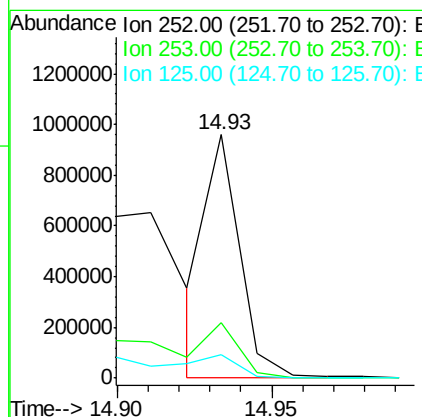
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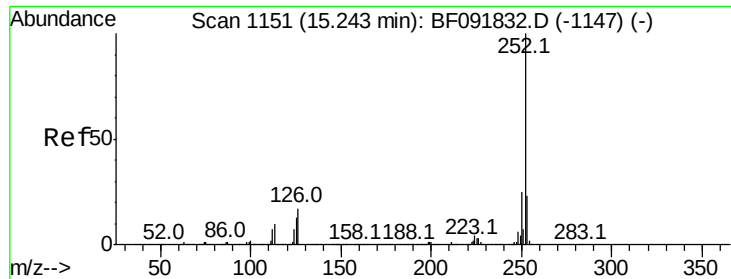
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#88
Benzo(k)fluoranthene
Concen: 25.91 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion:252 Resp: 740814
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 9.5 8.9 13.3





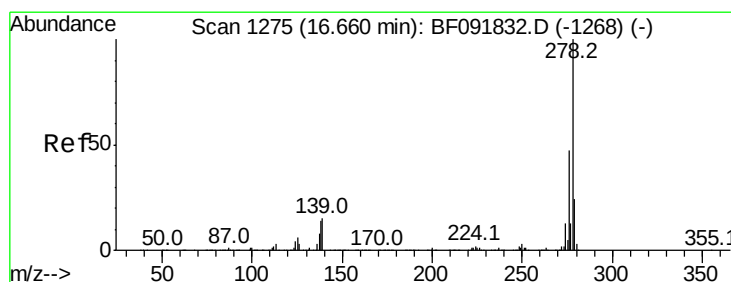
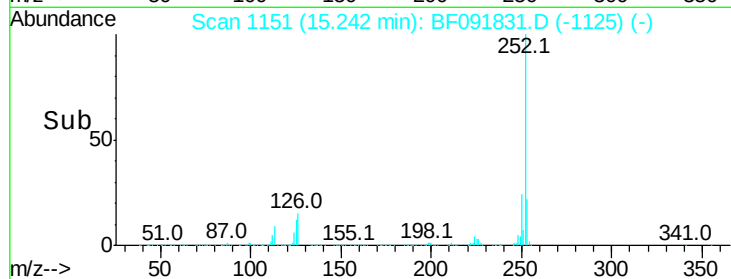
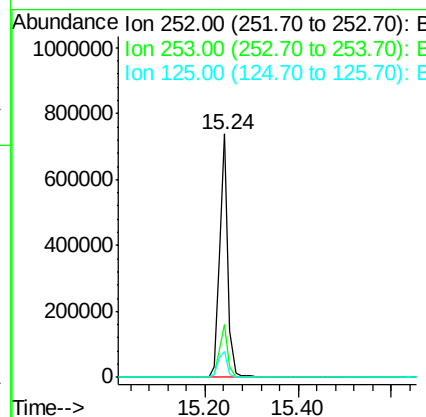
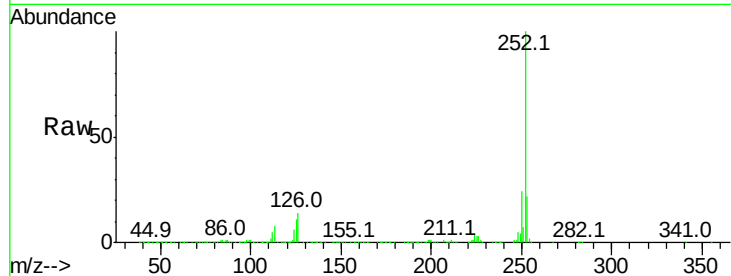
#89
Benzo(a)pyrene
Concen: 25.71 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.8	10.0	15.0

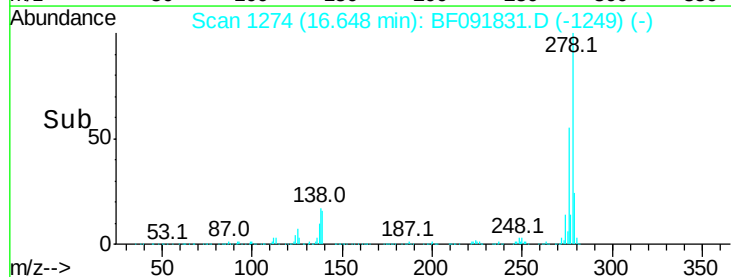
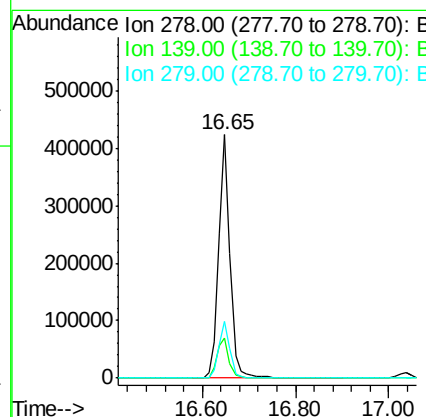
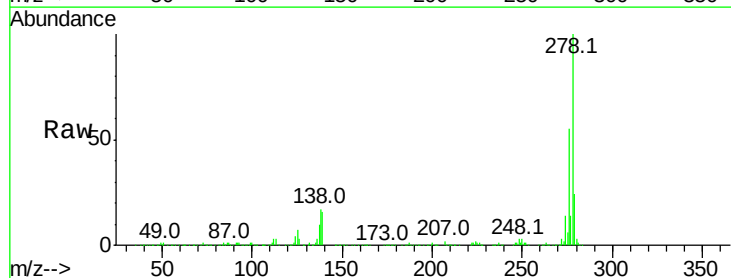
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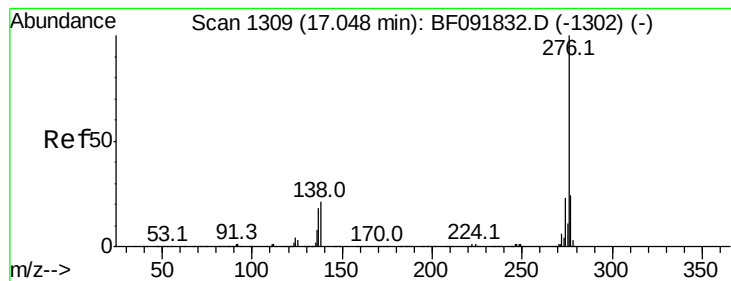
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#90
Dibenzo(a,h)anthracene
Concen: 23.63 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091831.D
Acq: 21 Dec 2016 13:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.8	22.2
279	23.5	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 23.29 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF091831.D
 Acq: 21 Dec 2016 13:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.5	19.2	28.8	
138	22.3	16.0	24.0	

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