

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088644.D
 Acq On : 3 Jul 2016 12:39
 Operator : UM/SJ
 Sample : PB91807BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Manual Integrations

umangi
 7/5/2016 7:52:11 PM

Quant Time: Jul 04 05:40:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101031	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	416916	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	191674	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	397582	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	297839	20.00	ng	-0.03
86) Perylene-d12	15.31	264	296238	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	854637	126.78	ng	-0.01
7) Phenol-d6	6.42	99	958328	110.02	ng	-0.02
23) Nitrobenzene-d5	7.35	82	653733	82.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	244270	137.24	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1217659	100.35	ng	-0.02
78) Terphenyl-d14	12.88	244	1048414	78.40	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	108150	32.36	ng	# 29
3) Pyridine	3.10	79	160131	16.51	ng	94
4) n-Nitrosodimethylamine	3.04	42	66611	17.98	ng	85
6) Aniline	6.44	93	97233	7.66	ng	100
8) 2-Chlorophenol	6.57	128	156463	21.60	ng	90
9) Benzaldehyde	6.32	77	104062	17.64	ng	# 79
10) Phenol	6.43	94	235404	23.68	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	162780	21.96	ng	85
12) 1,3-Dichlorobenzene	6.72	146	155204m	19.47	ng	
13) 1,4-Dichlorobenzene	6.80	146	162968	20.59	ng	96
14) 1,2-Dichlorobenzene	6.96	146	148845	20.09	ng	97
15) Benzyl Alcohol	6.92	79	122525	19.11	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	209875	19.55	ng	88
17) 2-Methylphenol	7.04	107	132730	22.46	ng	97
18) Hexachloroethane	7.30	117	64334	21.02	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	118379	20.23	ng	91
20) 3+4-Methylphenols	7.20	107	174063	24.54	ng	90
22) Acetophenone	7.19	105	219002	21.64	ng	# 86
24) Nitrobenzene	7.37	77	170099	21.21	ng	99
25) Isophorone	7.61	82	320830	21.77	ng	98
26) 2-Nitrophenol	7.68	139	72205	21.95	ng	94
27) 2,4-Dimethylphenol	7.72	122	146820	21.43	ng	90
28) bis(2-Chloroethoxy)methane	7.83	93	203546	21.22	ng	97
29) 2,4-Dichlorophenol	7.93	162	127154	22.97	ng	92
30) 1,2,4-Trichlorobenzene	8.01	180	129432	21.30	ng	99
31) Naphthalene	8.09	128	475305	23.12	ng	99
32) Benzoic acid	7.83	122	83416	16.77	ng	94
33) 4-Chloroaniline	8.14	127	59025	6.45	ng	97
34) Hexachlorobutadiene	8.22	225	73786	22.68	ng	99
35) Caprolactam	8.48	113	43555m	23.16	ng	
36) 4-Chloro-3-methylphenol	8.63	107	147237	22.49	ng	95
37) 2-Methylnaphthalene	8.78	142	293992	22.21	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	121648	19.08	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	206377	65.95	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	88071	20.95	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	102890	28.45	nq #	89
45) 1,1'-Biphenyl	9.24	154	379732	23.92	nq	99
46) 2-Chloronaphthalene	9.27	162	291758	23.42	nq	99
47) 2-Nitroaniline	9.36	65	97472	22.04	nq	98
48) Acenaphthylene	9.68	152	464286	23.42	nq	99
49) Dimethylphthalate	9.54	163	320402	23.46	nq	99
50) 2,6-Dinitrotoluene	9.60	165	70943	23.44	nq #	34
51) Acenaphthene	9.85	154	320867	26.40	nq	99
52) 3-Nitroaniline	9.77	138	41584	10.81	nq	86
53) 2,4-Dinitrophenol	9.87	184	91391	68.39	nq #	86
54) Dibenzofuran	10.02	168	394577	24.81	nq #	89
55) 4-Nitrophenol	9.93	139	203150	69.48	nq	92
56) 2,4-Dinitrotoluene	10.01	165	99277	25.09	nq	94
57) Fluorene	10.36	166	313952	25.61	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	75774	27.08	nq #	55
59) Diethylphthalate	10.25	149	361021	26.34	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	142085	24.95	nq	89
61) 4-Nitroaniline	10.38	138	71386	19.28	nq	86
62) Azobenzene	10.52	77	398092	25.47	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	48277	22.70	nq	82
65) n-Nitrosodiphenylamine	10.48	169	295543	21.96	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	83379	20.81	nq #	76
67) Hexachlorobenzene	10.91	284	96197	21.69	nq #	87
68) Atrazine	11.00	200	87882	20.96	nq	93
69) Pentachlorophenol	11.11	266	165028	62.87	nq	97
70) Phenanthrene	11.32	178	498531	22.94	nq	98
71) Anthracene	11.37	178	474700	21.97	nq	99
72) Carbazole	11.53	167	445914	21.92	nq	97
73) Di-n-butylphthalate	11.87	149	545169	23.04	nq #	97
74) Fluoranthene	12.50	202	481321	21.85	nq	99
76) Benzidine	12.63	184	218360	14.50	nq	98
77) Pyrene	12.73	202	511865	20.27	nq	99
79) Butylbenzylphthalate	13.36	149	238873	21.21	nq	89
80) Benzo(a)anthracene	13.91	228	407504	21.25	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	55891	7.75	nq #	94
82) Chrysene	13.95	228	410794	21.65	nq	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	293530	22.82	nq	98
84) Di-n-octyl phthalate	14.53	149	515060	23.57	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	334585	22.92	nq #	100
87) Benzo(b)fluoranthene	14.93	252	404193m	21.75	nq	
88) Benzo(k)fluoranthene	14.95	252	336855m	20.82	nq	
89) Benzo(a)pyrene	15.26	252	353537	22.47	nq	97
90) Dibenzo(a,h)anthracene	16.66	278	277171	21.10	nq	97
91) Benzo(g,h,i)perylene	17.05	276	269879	19.85	nq	94

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

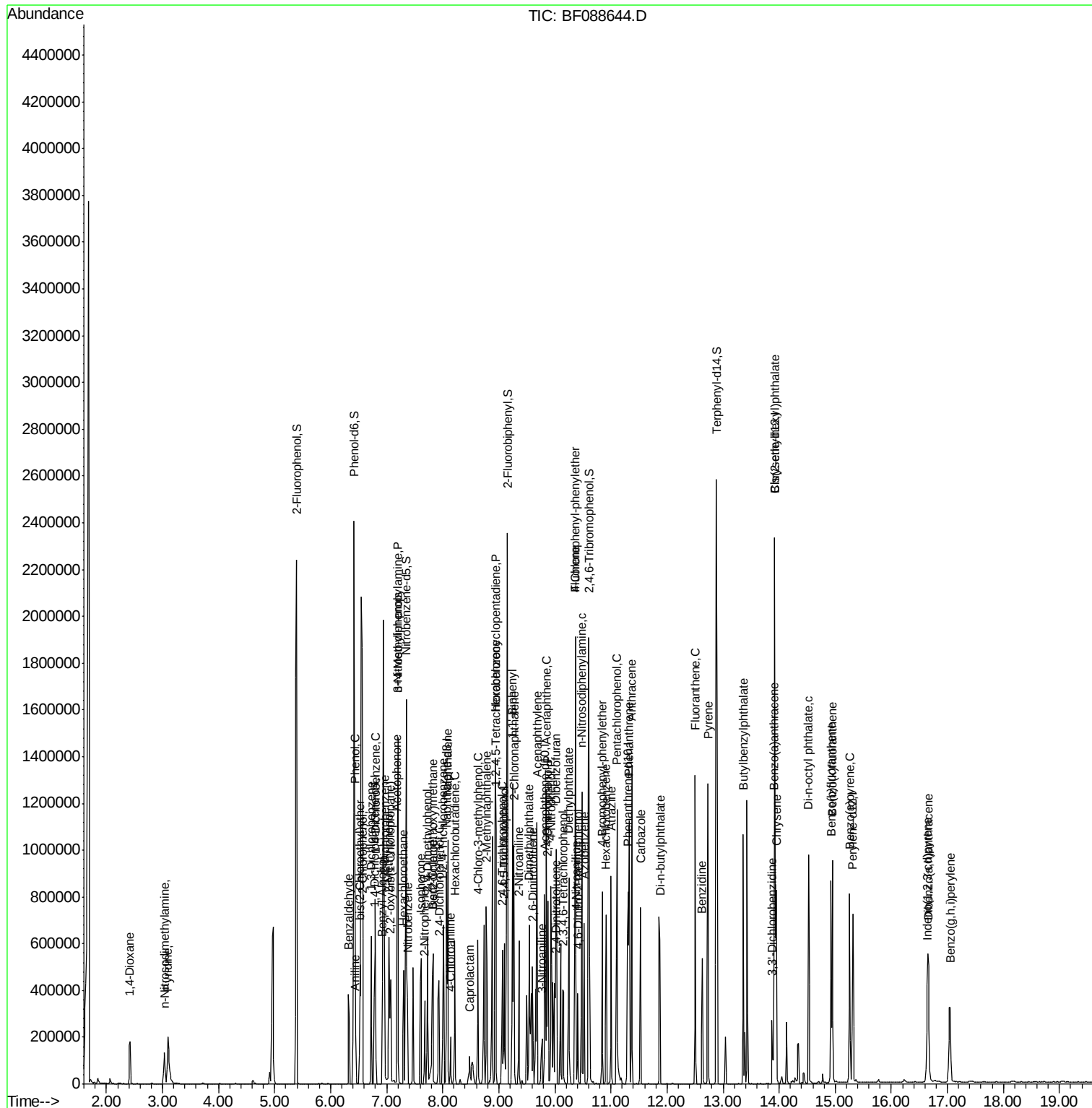
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Acq On    : 3 Jul 2016 12:39  
Operator  : UM/SJ  
Sample    : PB91807BS  
Misc      :  
ALS Vial  : 9 Sample Multiplier: 1
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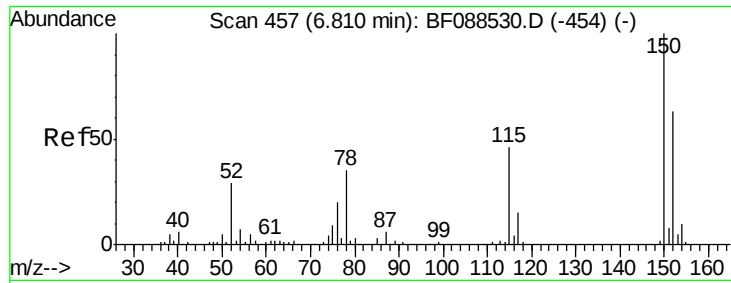
Instrument :
BNA_F
ClientSampleId :
PB91807BS

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#1

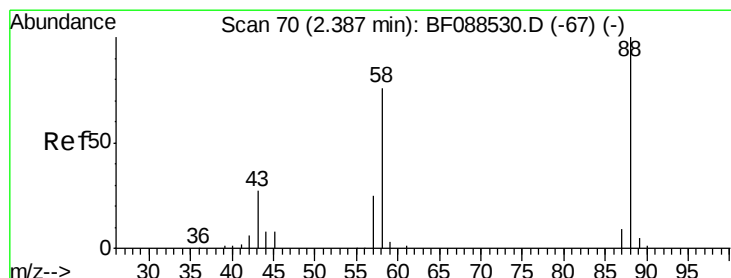
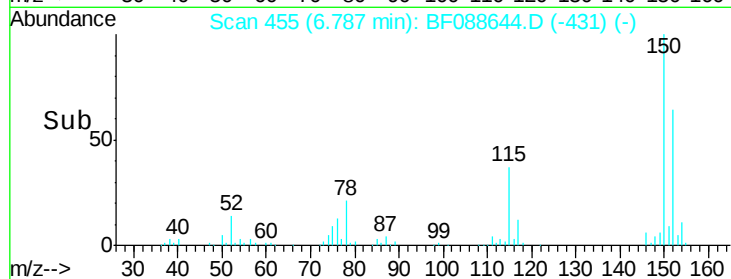
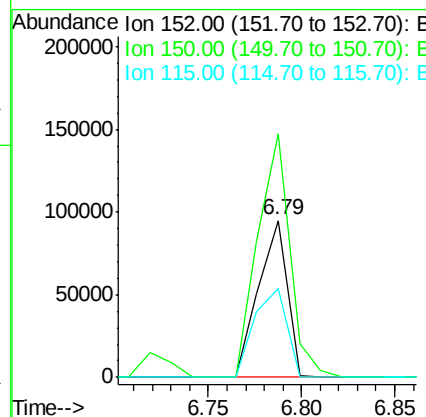
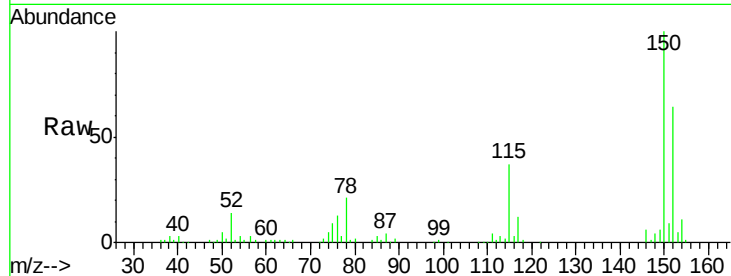
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.6
115	56.8	39.6	59.4

Manual Integrations

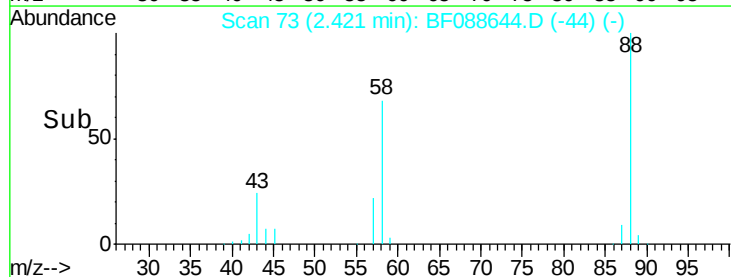
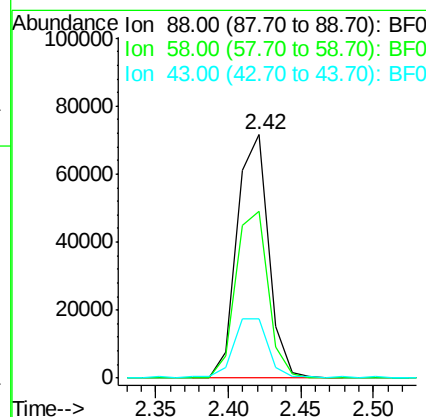
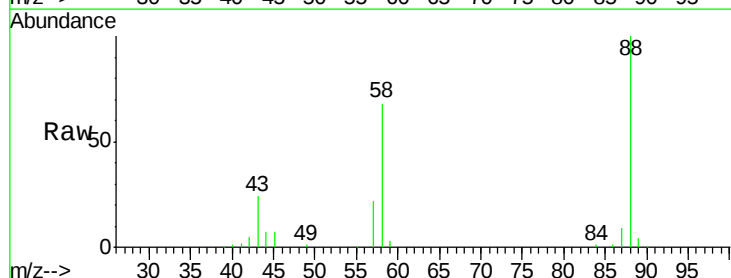
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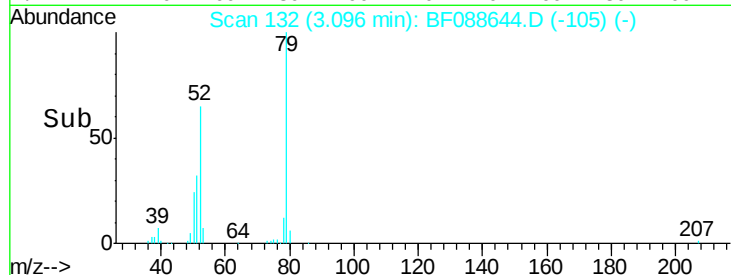
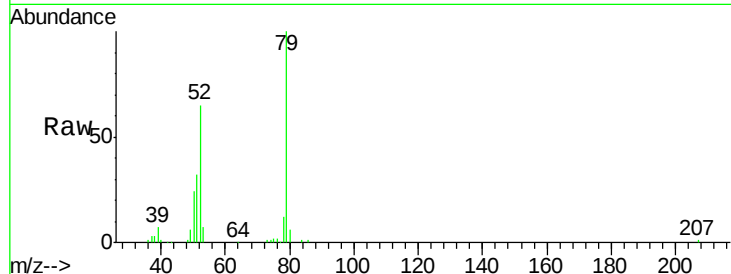


#2

1,4-Dioxane
Concen: 32.36 ng
RT: 2.42 min Scan# 73
Delta R.T. 0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

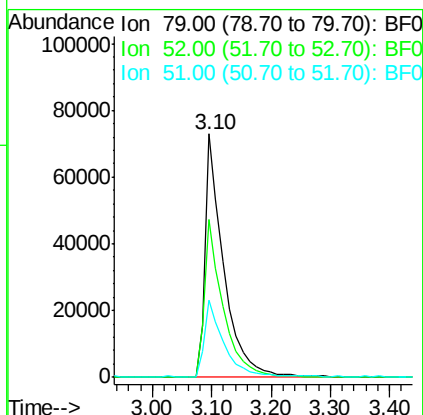
Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	0.0	0.0#
43	27.5	3.4	5.2#





#3
Pvridine
Concen: 16.51 ng
RT: 3.10 min Scan# 132
Delta R.T. 0.01 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

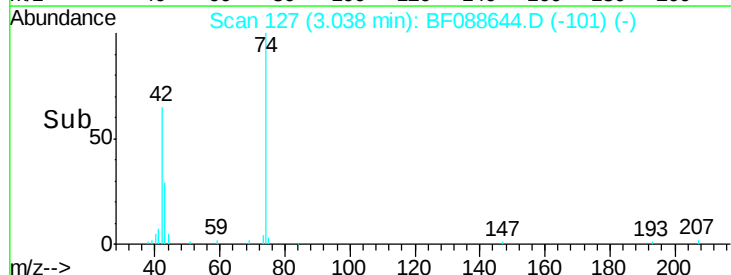
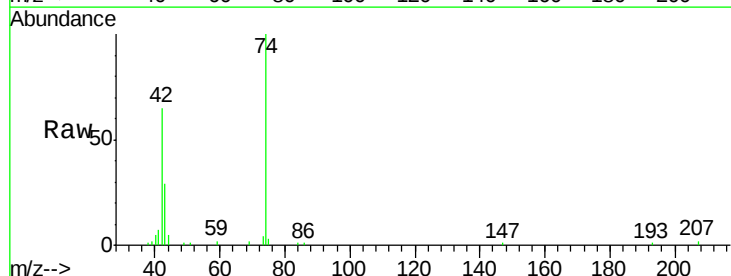
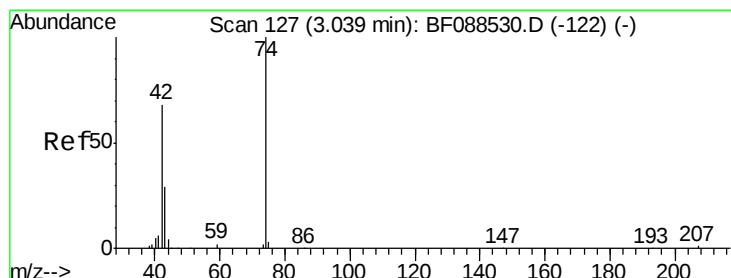
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	64.7	56.3	84.5	
51	31.9	27.4	41.2	



Instrument :
BNA_F
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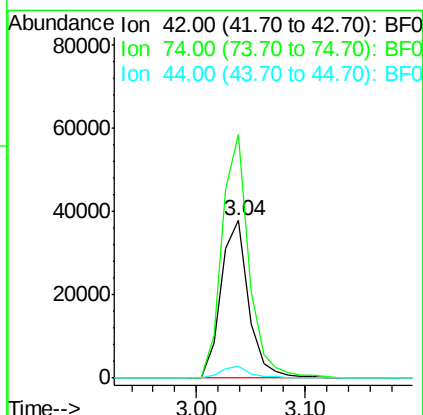
Manual Integrations

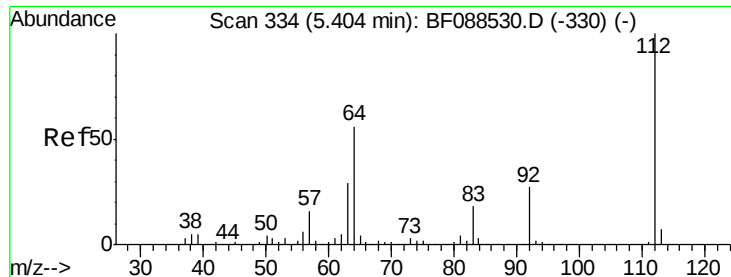
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#4
n-Nitrosodimethylamine
Concen: 17.98 ng
RT: 3.04 min Scan# 127
Delta R.T. -0.00 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	154.6	108.6	163.0	
44	7.2	5.5	8.3	





#5

2-Fluorophenol

Concen: 126.78 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

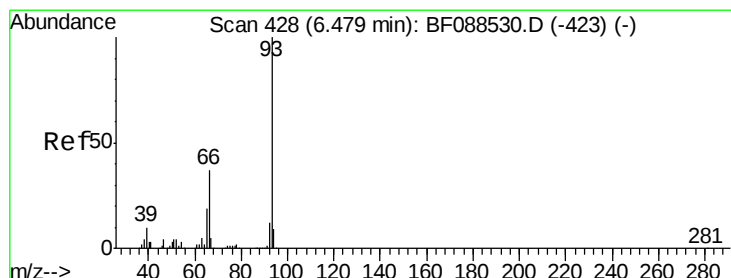
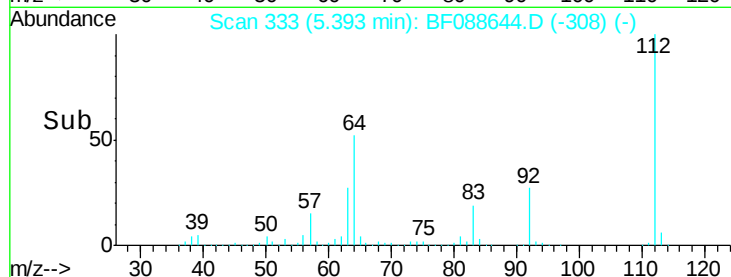
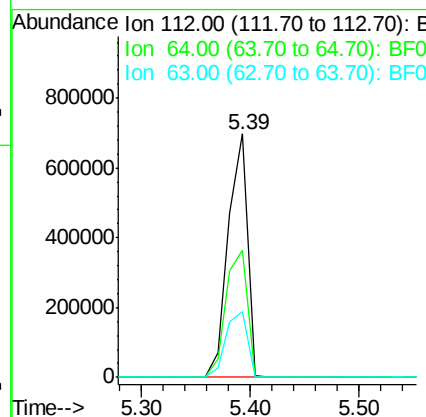
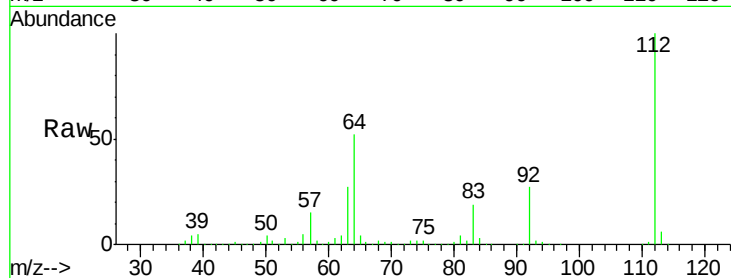
PB91807BS

Tot Ion:	112	Resp:	854637
Ion Ratio	Lower	Upper	
112	100		
64	52.2	42.2	63.2
63	27.2	21.8	32.8

Manual Integrations

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#6

Aniline

Concen: 7.66 ng

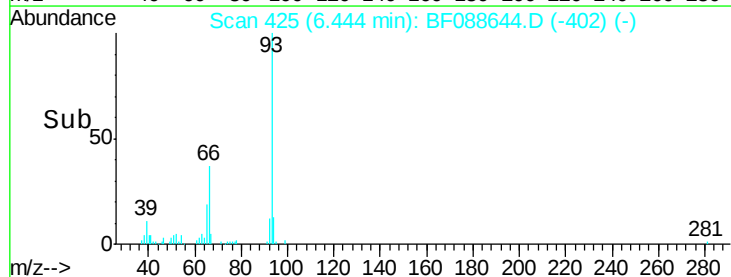
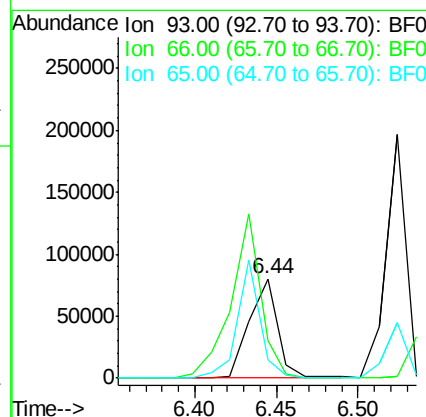
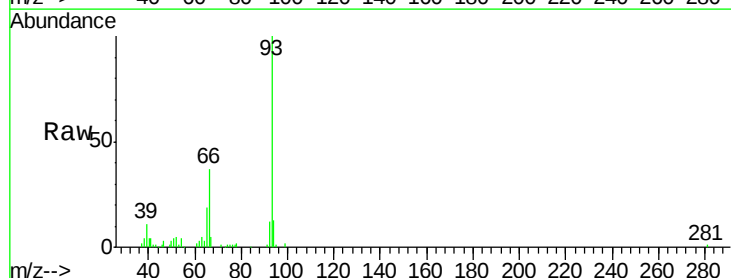
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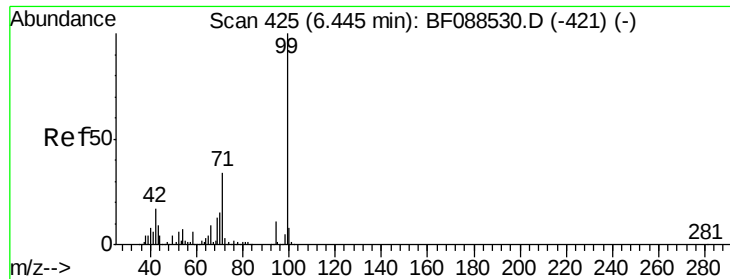
Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Tgt Ion:	93	Resp:	97233
Ion Ratio	Lower	Upper	
93	100		
66	37.4	29.8	44.8
65	19.0	14.9	22.3





#7

Phenol-d6

Concen: 110.02 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampled :

PB91807BS

Tot Ion: 99 Resp: 958328

Ion Ratio Lower Upper

99 100

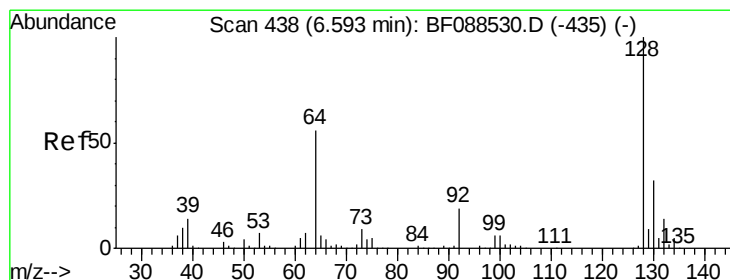
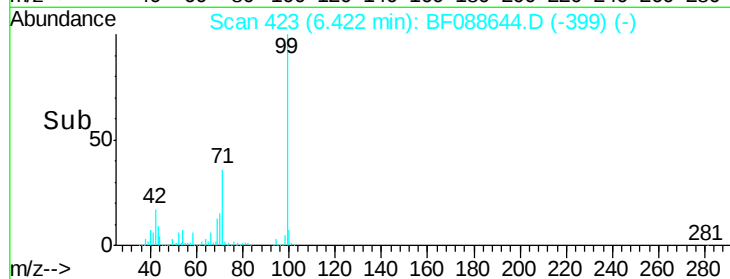
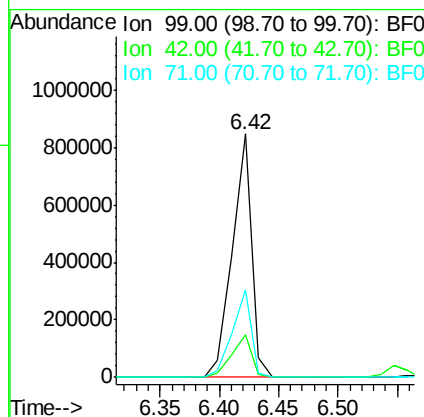
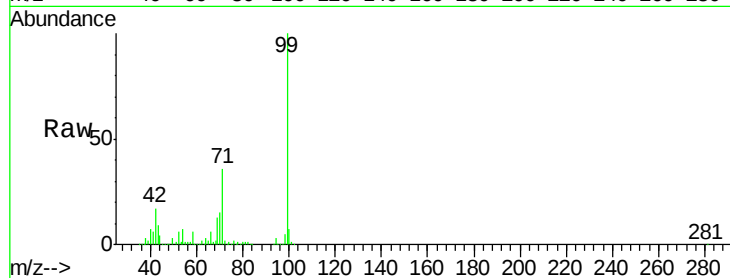
42 17.4 12.2 18.2

71 36.1 23.4 35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 21.60 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

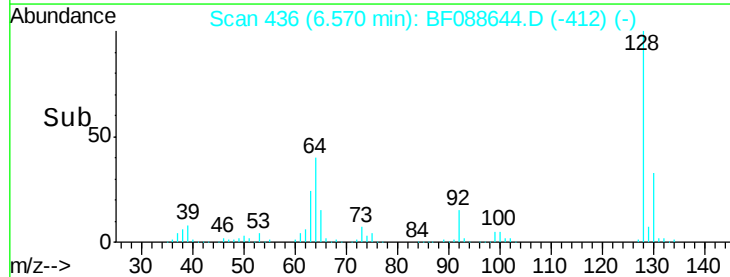
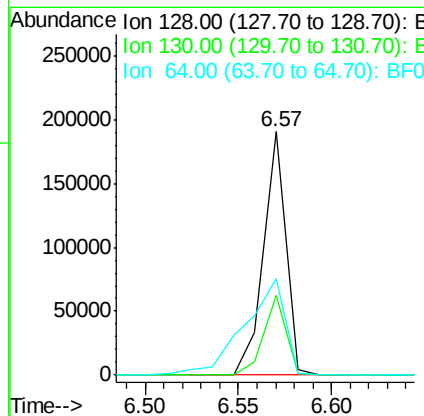
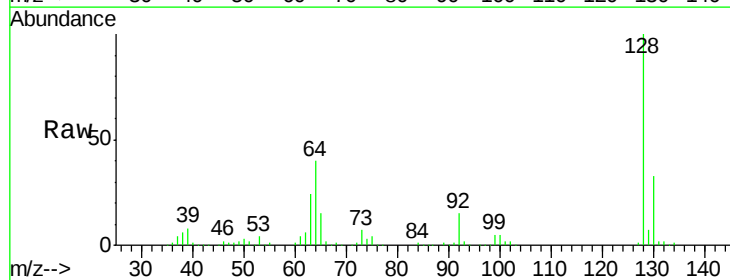
Tgt Ion:128 Resp: 156463

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 39.7 30.8 70.8





#9

Benzaldehyde

Concen: 17.64 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

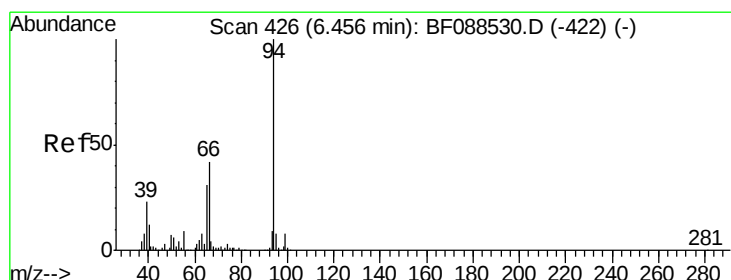
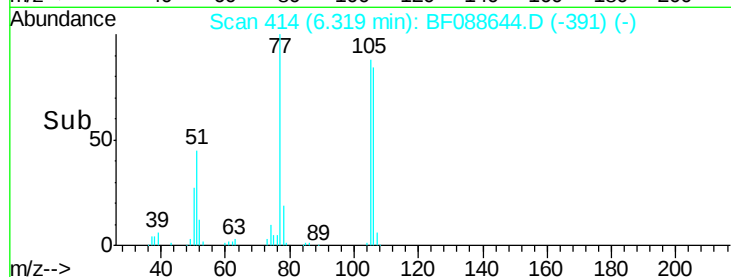
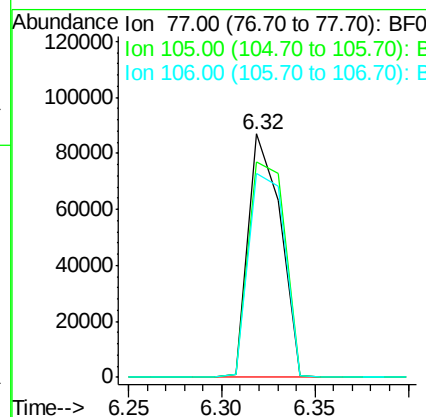
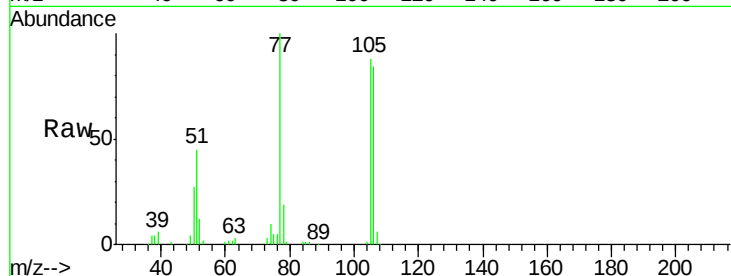
PB91807BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.3	90.6	130.6#
106	84.0	85.3	125.3#

Manual Integrations

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#10

Phenol

Concen: 23.68 ng

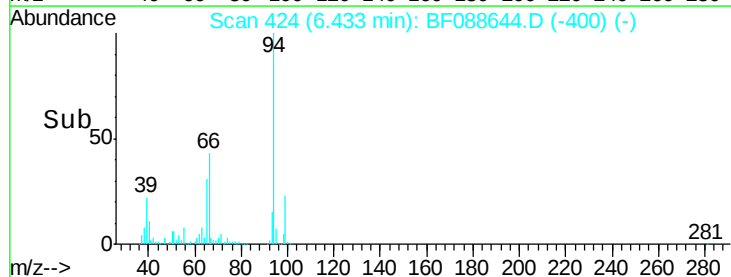
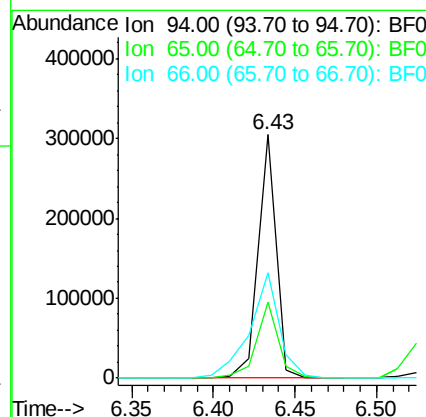
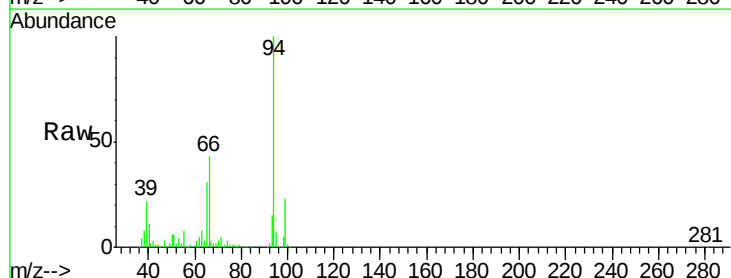
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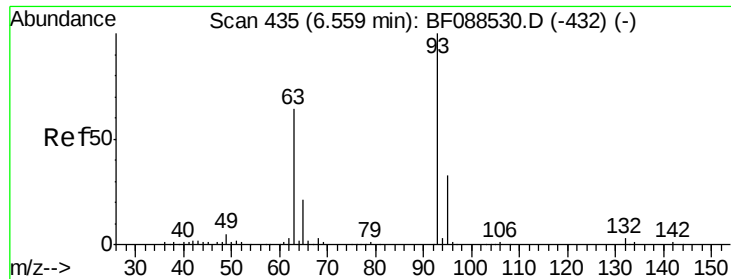
Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.2	5.9	45.9
66	43.4	14.0	54.0





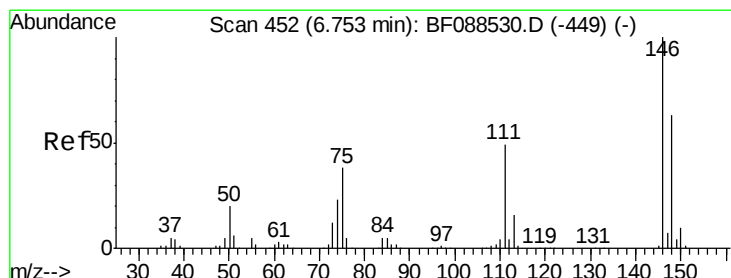
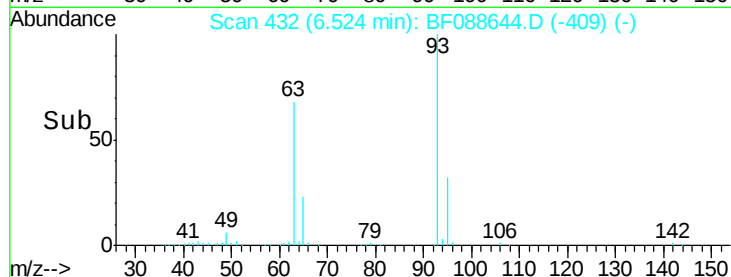
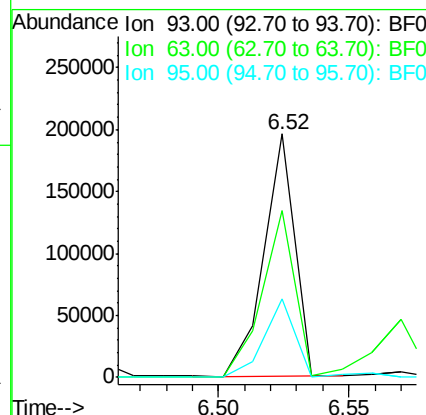
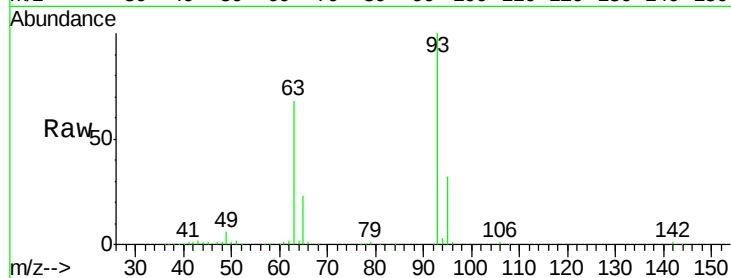
#11
bis(2-Chloroethyl)ether
Concen: 21.96 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampled :
PB91807BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.3	67.6	107.6
95	32.2	12.5	52.5

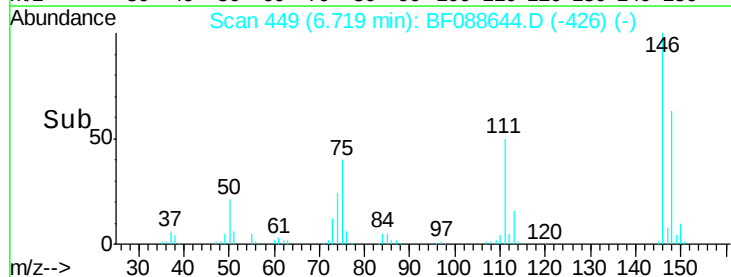
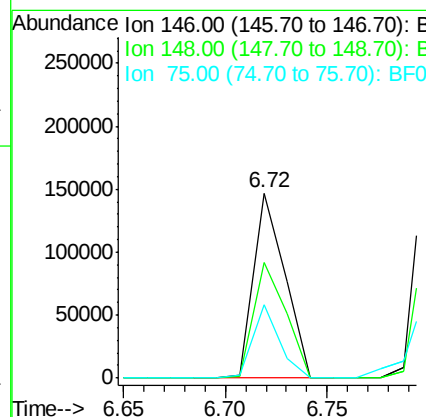
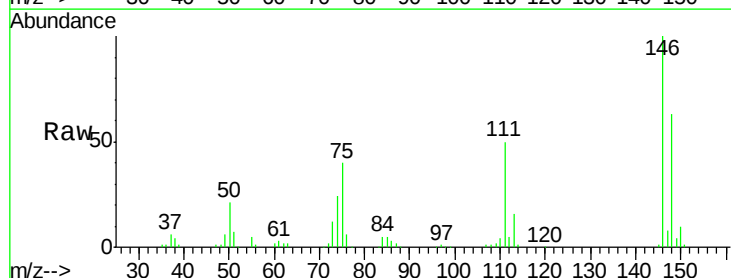
Manual Integrations

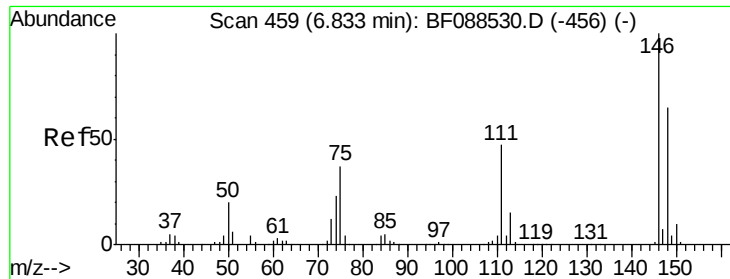
umangi
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#12
1,3-Dichlorobenzene
Concen: 19.47 ng m
RT: 6.72 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.9	76.3
75	39.5	25.6	38.4#





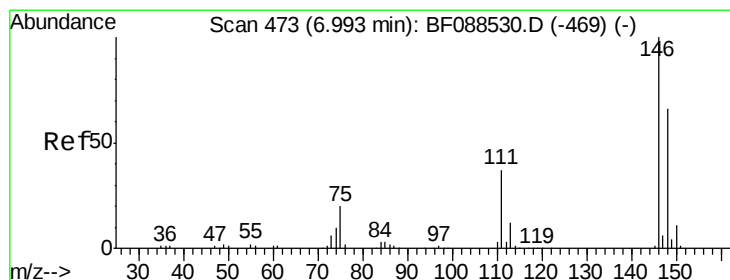
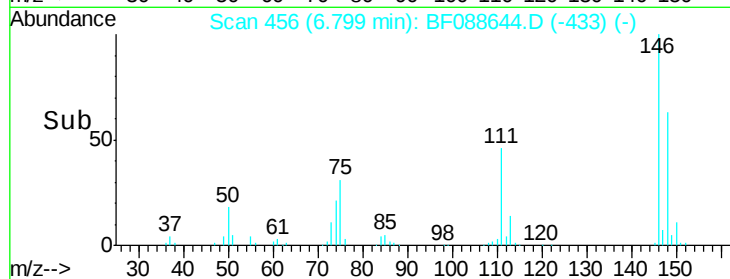
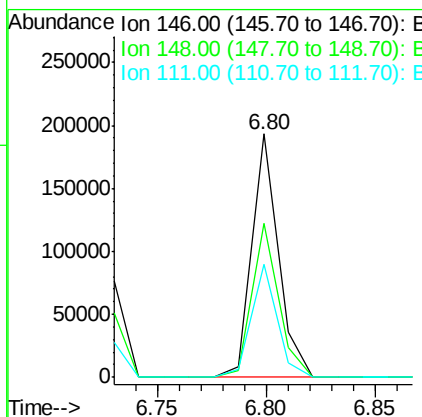
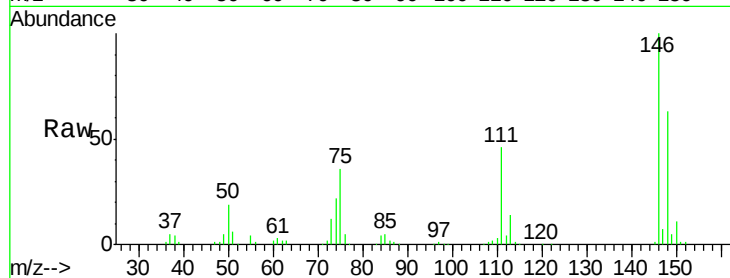
#13
 1,4-Dichlorobenzene
 Concen: 20.59 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampled :
 PB91807BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.0	78.0
111	46.2	33.8	50.8

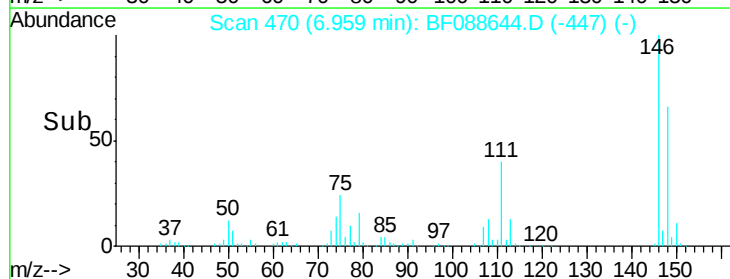
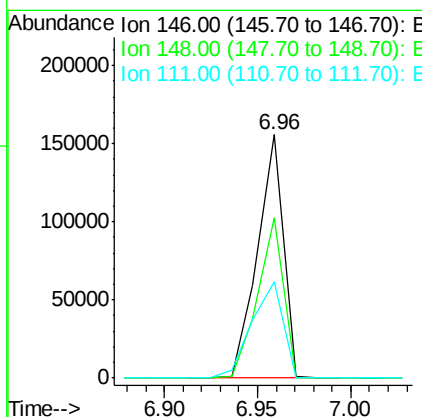
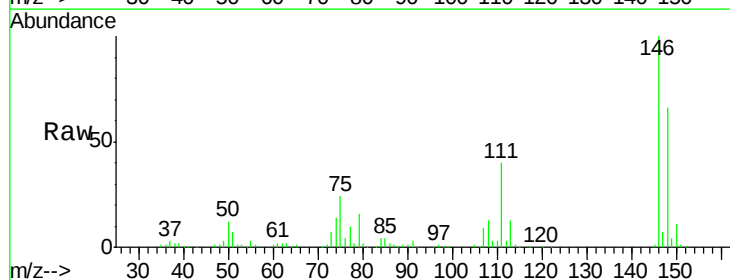
Manual Integrations

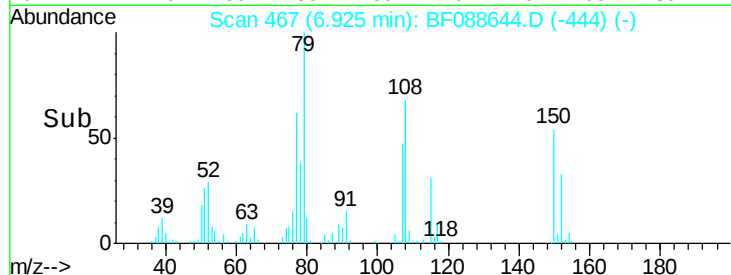
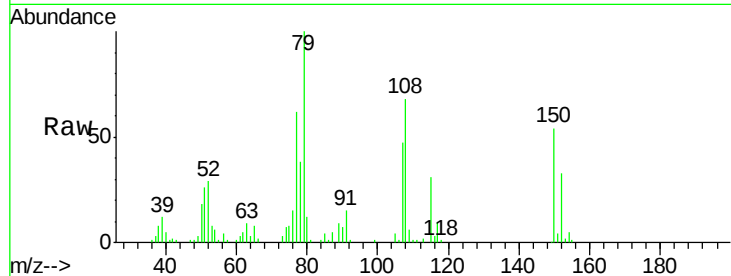
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#14
 1,2-Dichlorobenzene
 Concen: 20.09 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.3	78.5
111	39.7	28.7	43.1





#15

Benzyl Alcohol

Concen: 19.11 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Tot Ion:	79	Resp:	122525
Ion Ratio	Lower	Upper	
79	100		
108	68.1	65.0	97.6
77	61.8	50.3	75.5

Instrument :

BNA_F

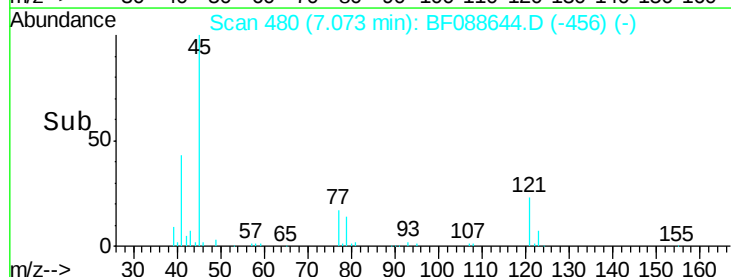
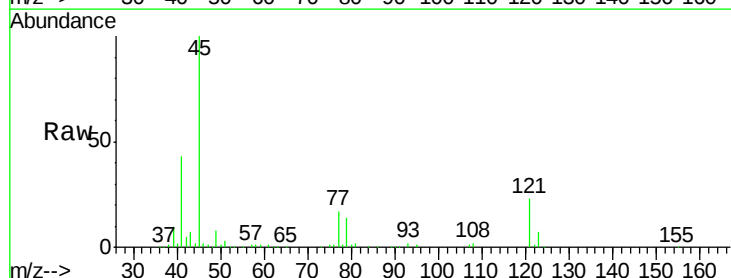
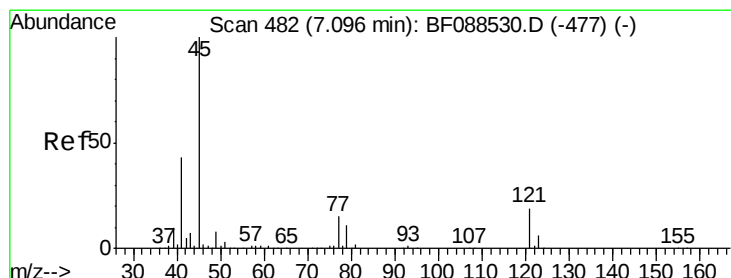
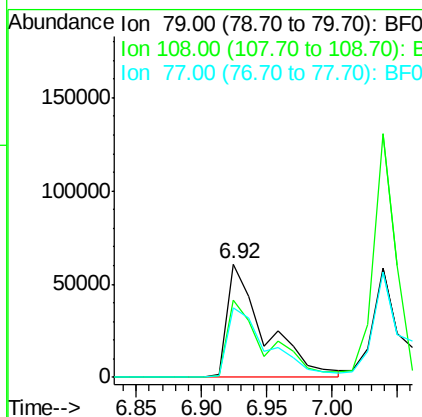
ClientSampleId :

PB91807BS

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.55 ng

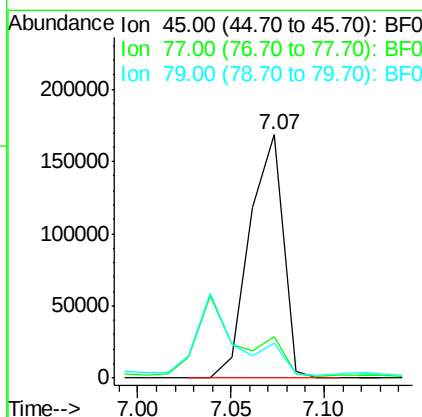
RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Tgt Ion:	45	Resp:	209875
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	32.5
79	14.3	0.0	29.5





#17

2-Methylphenol

Concen: 22.46 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

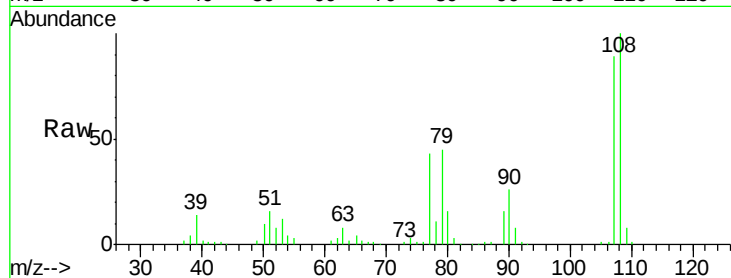
PB91807BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.9	136.3
77	49.0	36.6	55.0
79	50.7	36.5	54.7

Manual Integrations

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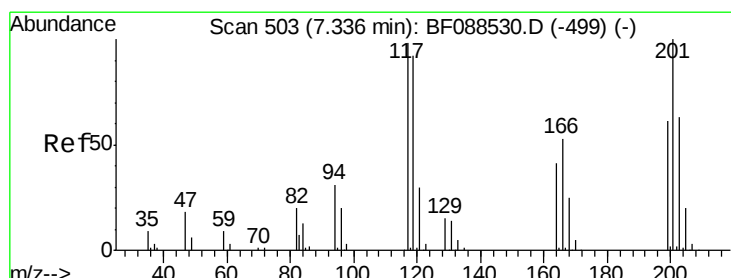
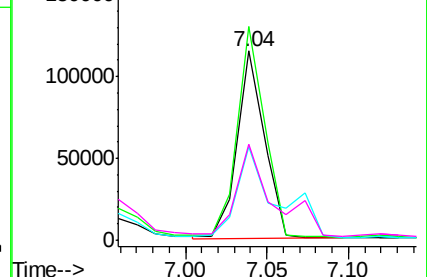
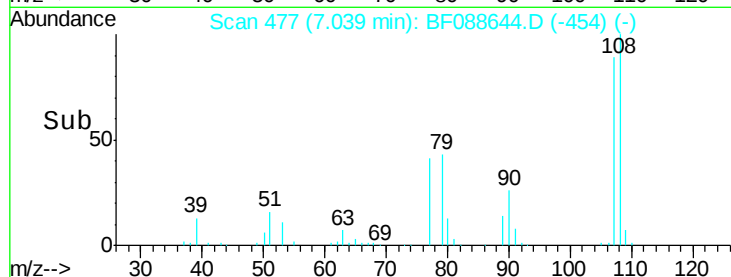


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 21.02 ng

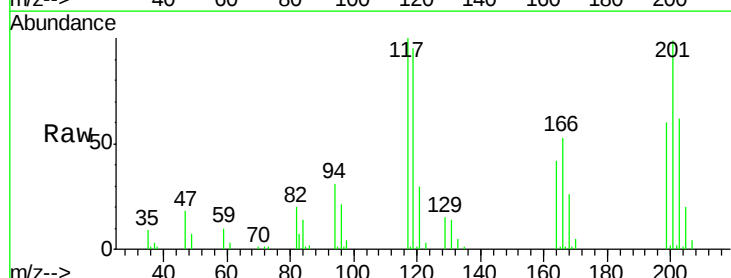
RT: 7.30 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

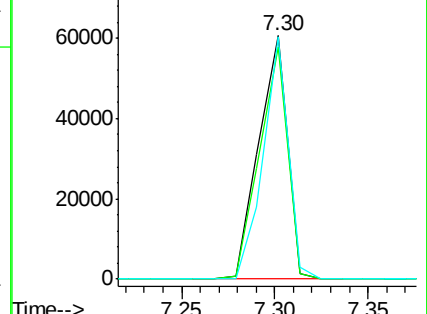
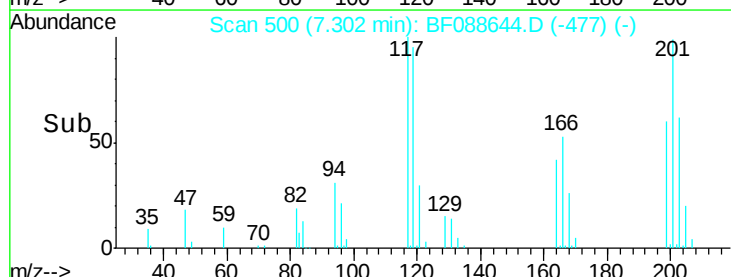
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.2
201	99.4	80.4	120.6

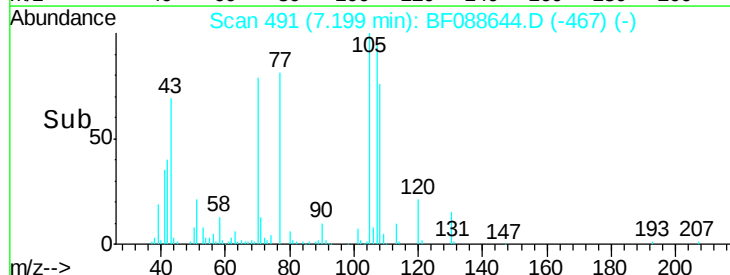
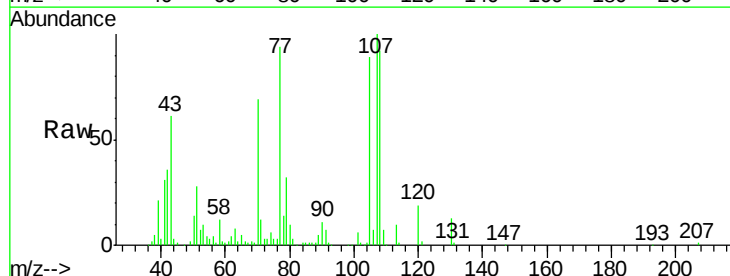
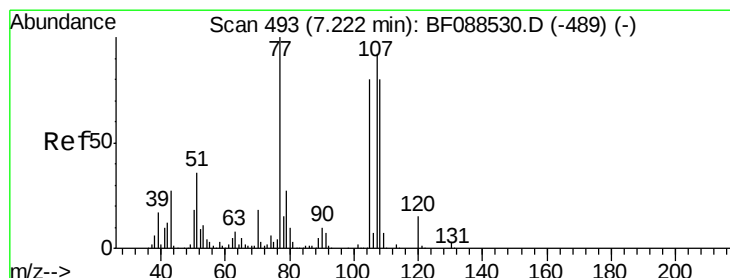
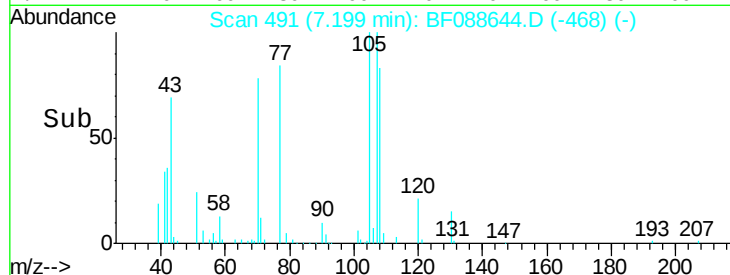
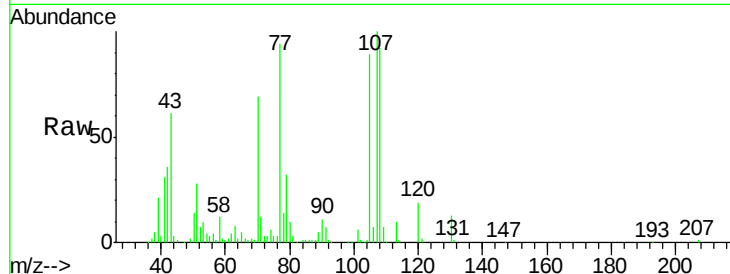
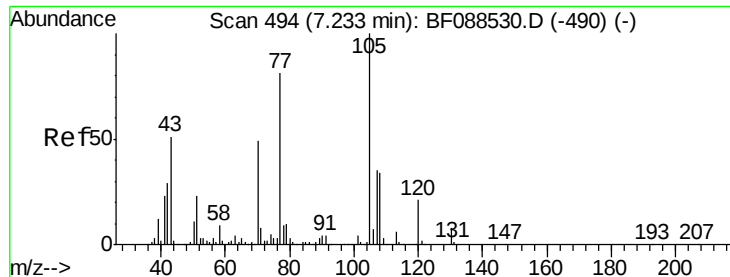


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

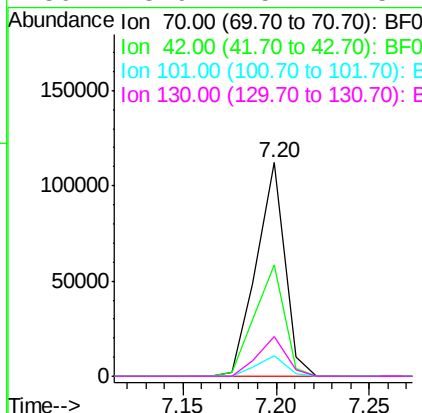




#19
n-Nitroso-di-n-propylamine
Concen: 20.23 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.4	49.6	74.4
101	9.3	7.1	10.7
130	18.9	15.4	23.2

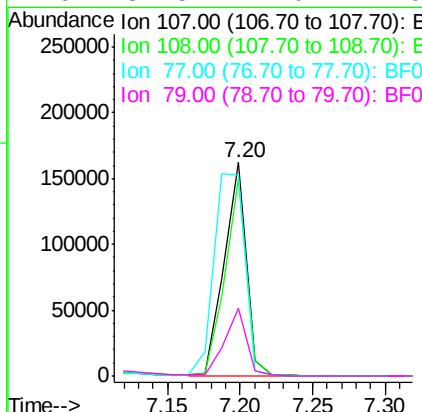


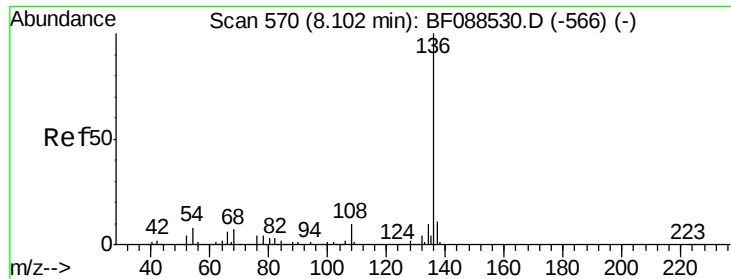
Manual Integrations

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#20
3+4-Methylphenols
Concen: 24.54 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	67.8	107.8
77	94.0	59.3	99.3
79	31.5	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

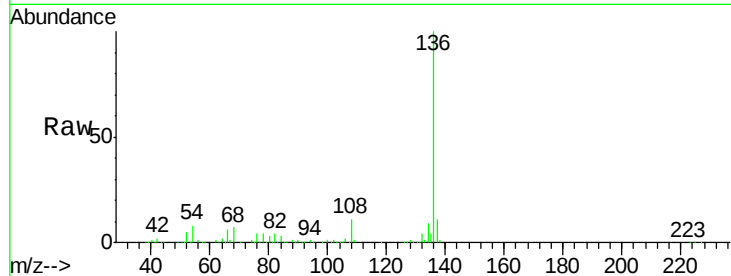
PB91807BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	416916		
137	11.2		9.1	13.7
54	8.5		6.6	10.0
68	7.0		5.1	7.7

Manual Integrations

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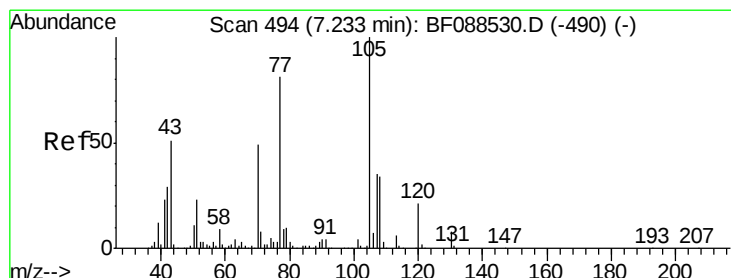
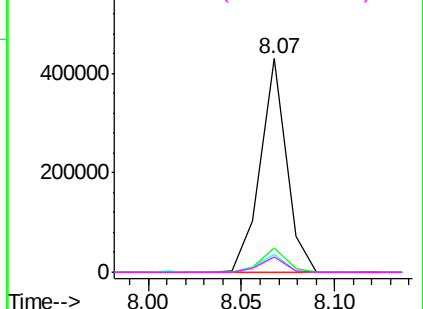
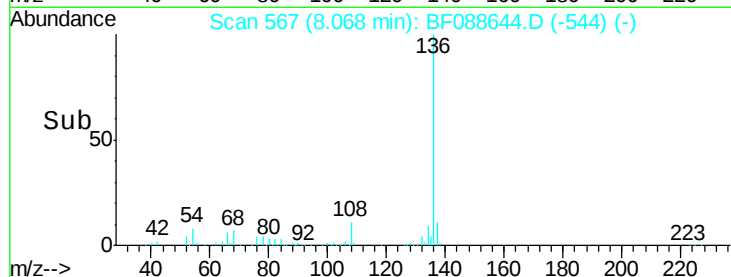


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 21.64 ng

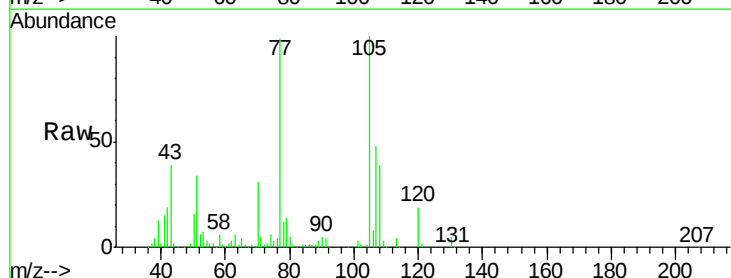
RT: 7.19 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219002		
71	5.4		5.3	7.9
51	34.3		18.2	27.4#
120	18.6		18.0	27.0

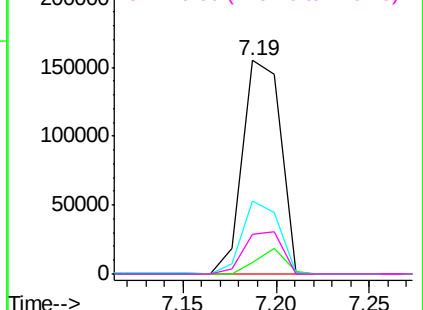
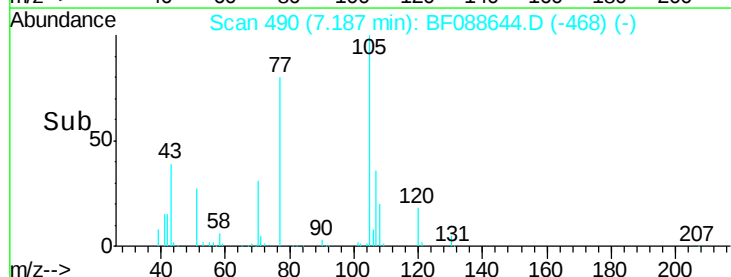


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





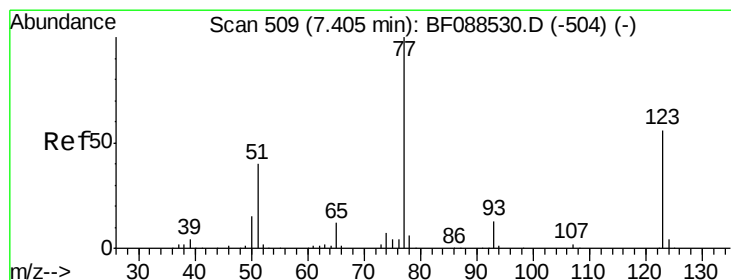
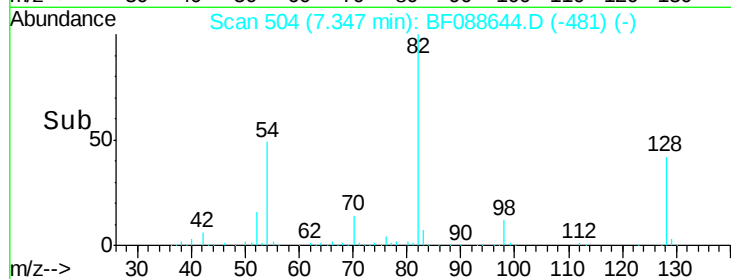
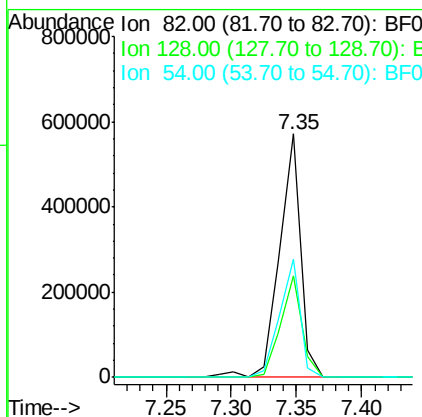
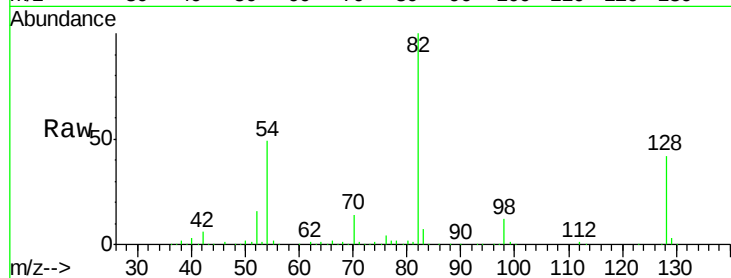
#23
 Nitrobenzene-d5
 Concen: 82.17 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.9	53.9
54	48.6	40.9	61.3

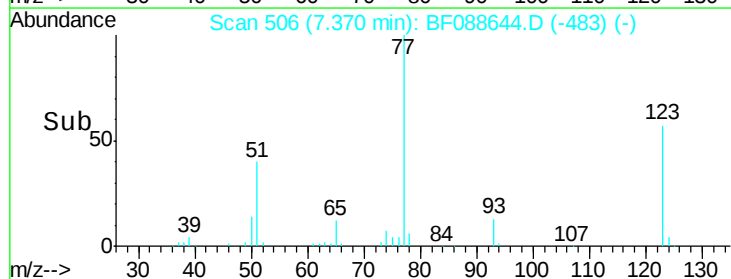
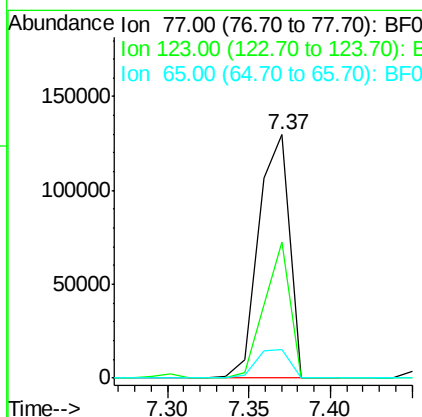
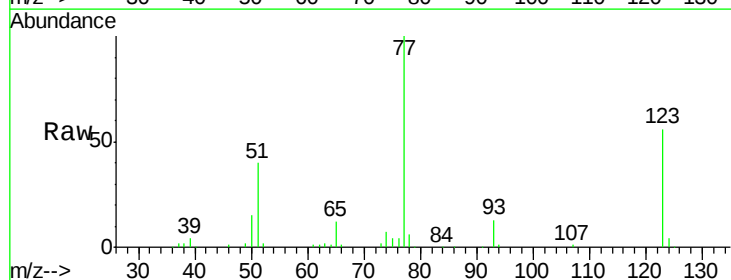
Manual Integrations

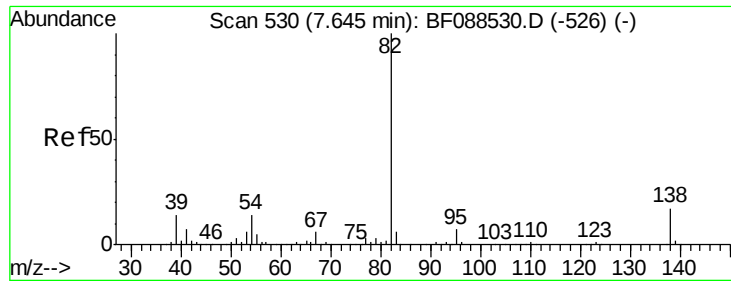
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#24
 Nitrobenzene
 Concen: 21.21 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.1	45.0	67.4
65	11.7	10.2	15.2





#25

Isophorone

Concen: 21.77 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tot Ion: 82 Resp: 320830

Ion Ratio Lower Upper

82 100

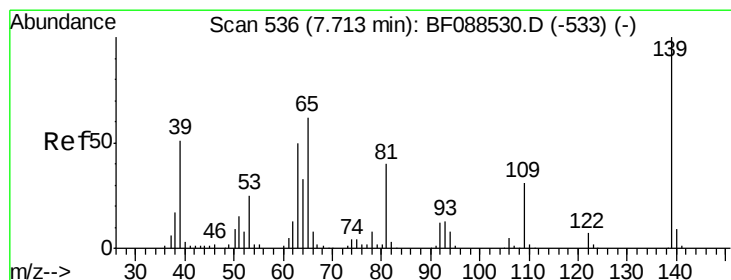
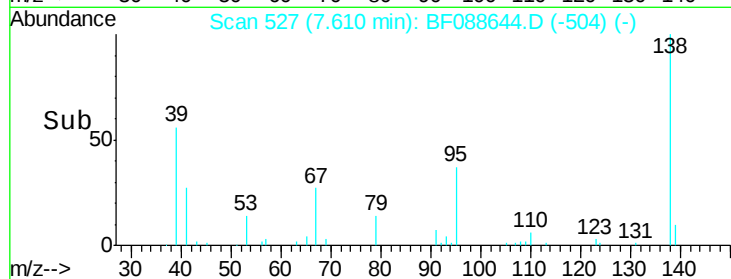
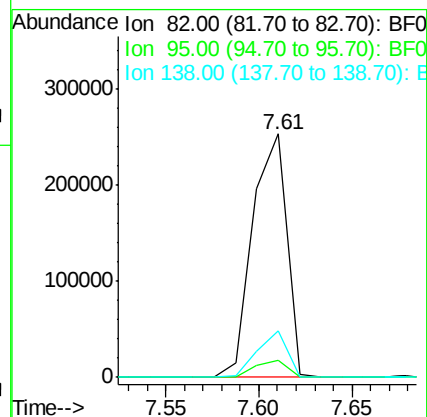
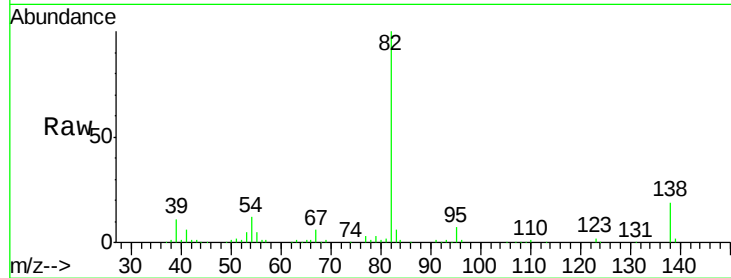
95 7.0 5.4 8.2

138 19.2 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 21.95 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

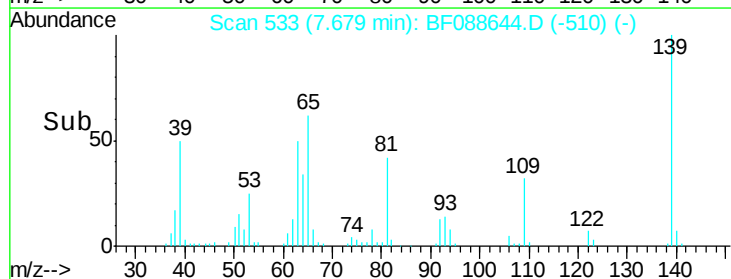
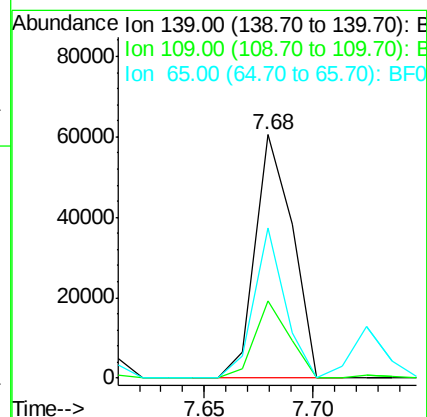
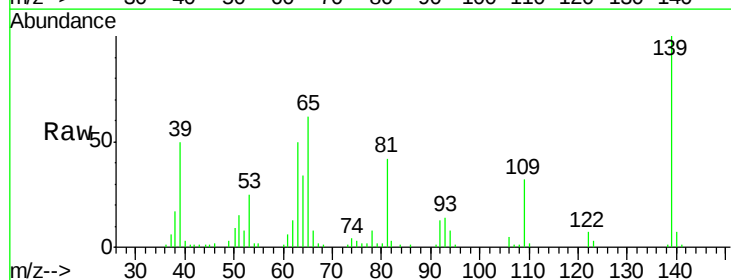
Tgt Ion: 139 Resp: 72205

Ion Ratio Lower Upper

139 100

109 31.7 23.0 34.4

65 61.8 45.8 68.8





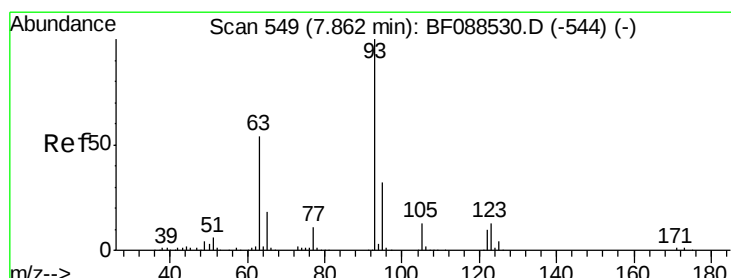
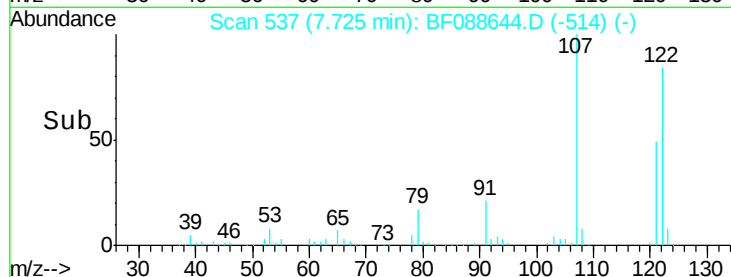
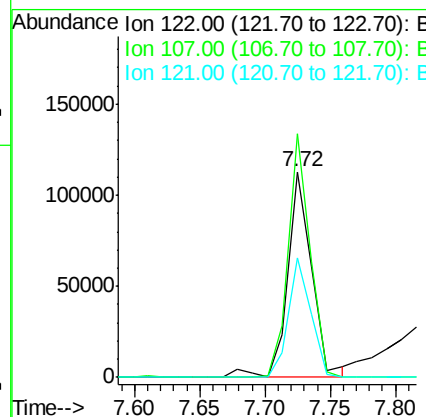
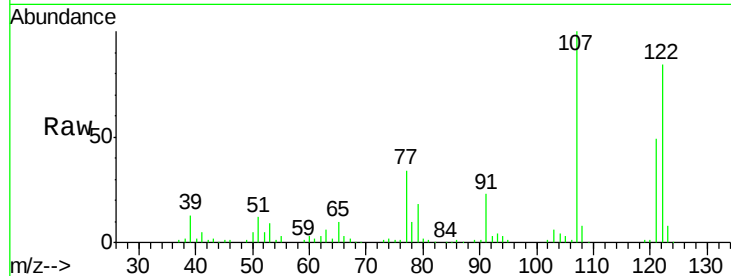
#27
2,4-Dimethylphenol
Concen: 21.43 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	146820		
107	118.5	82.4	123.6	
121	58.1	46.3	69.5	

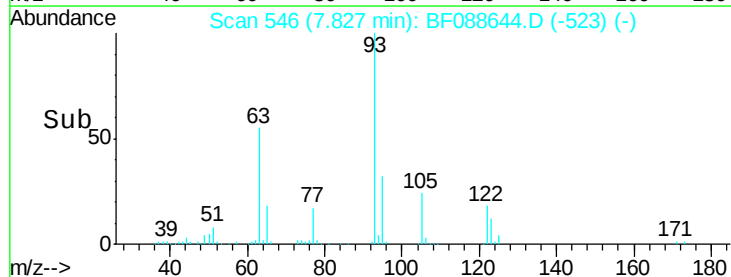
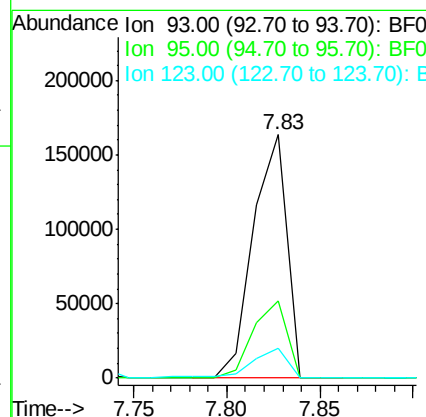
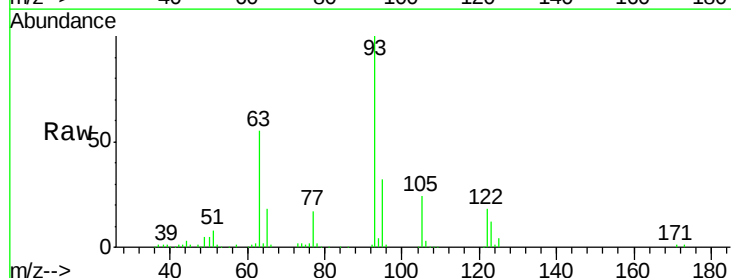
Manual Integrations

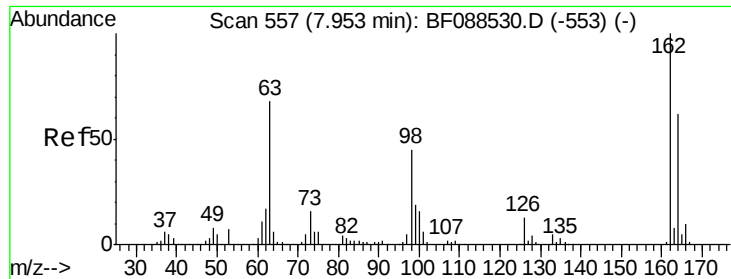
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#28
bis(2-Chloroethoxy)methane
Concen: 21.22 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	203546		
95	31.8	26.5	39.7	
123	12.5	11.6	17.4	





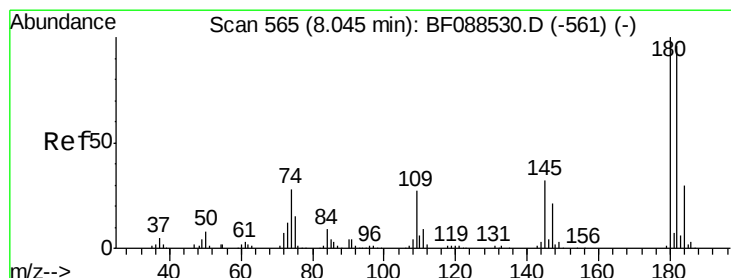
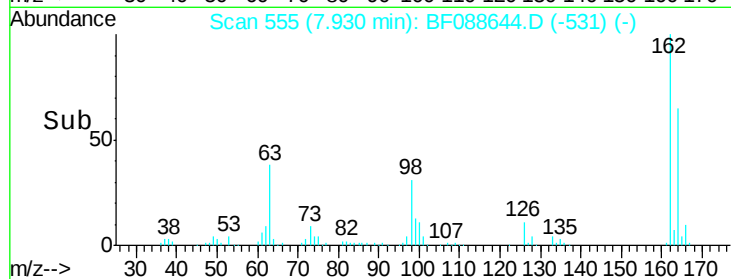
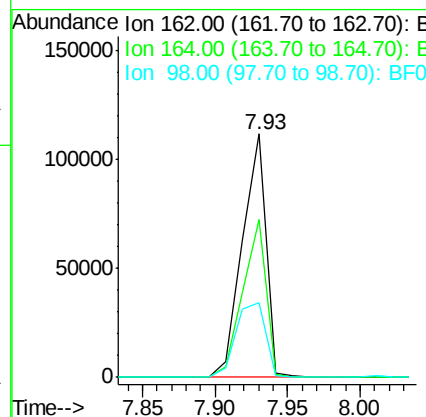
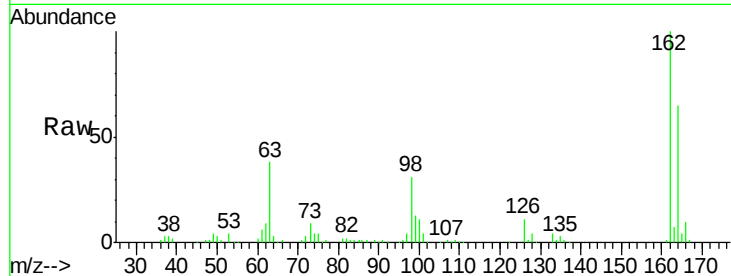
#29
 2,4-Dichlorophenol
 Concen: 22.97 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tot Ion:	162	Resp:	127154
Ion Ratio	Lower	Upper	
162	100		
164	65.0	43.8	83.8
98	30.5	21.3	61.3

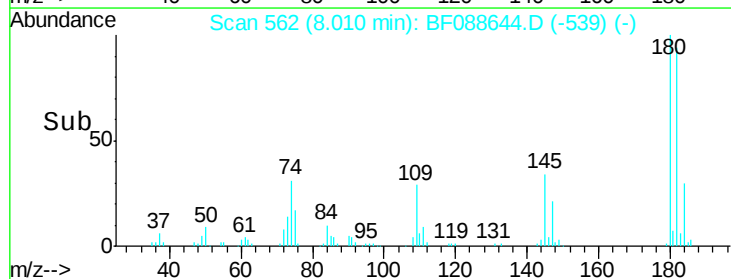
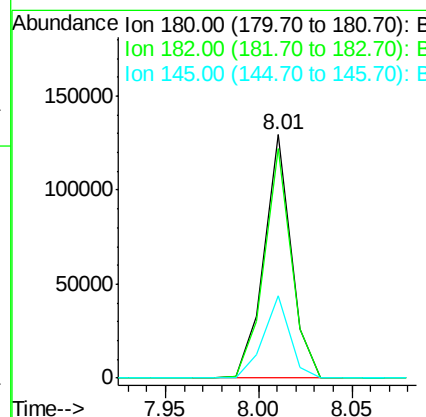
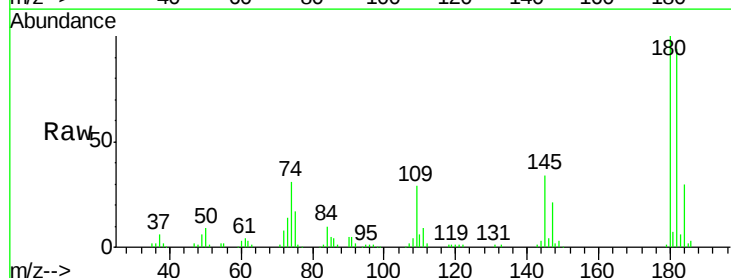
Manual Integrations

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#30
 1,2,4-Trichlorobenzene
 Concen: 21.30 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion:	180	Resp:	129432
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.0	114.0
145	33.6	26.5	39.7





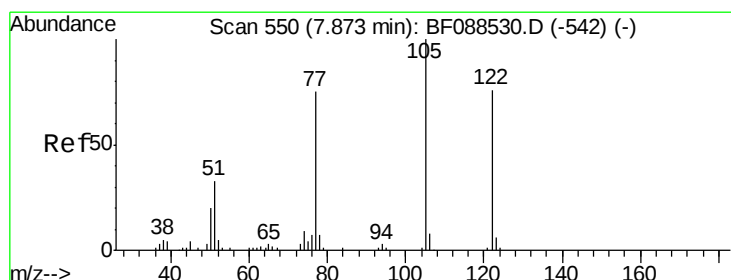
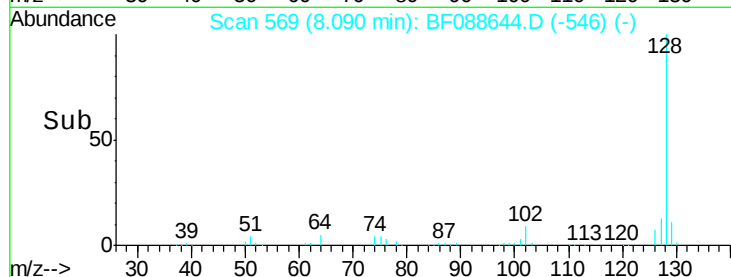
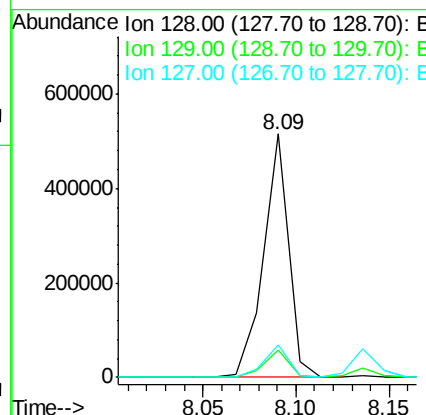
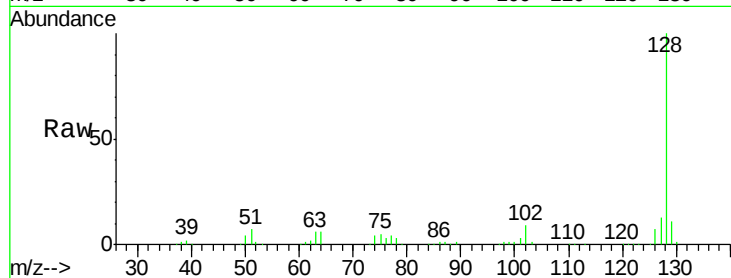
#31
Naphthalene
Concen: 23.12 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.3	10.9	16.3

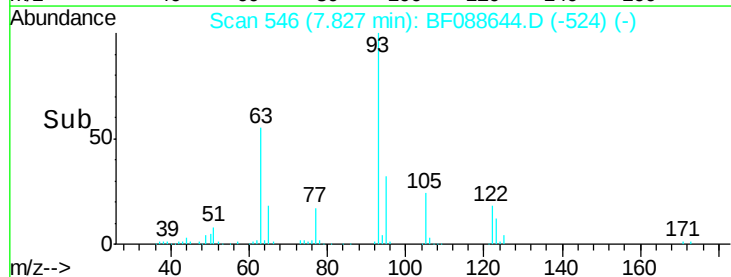
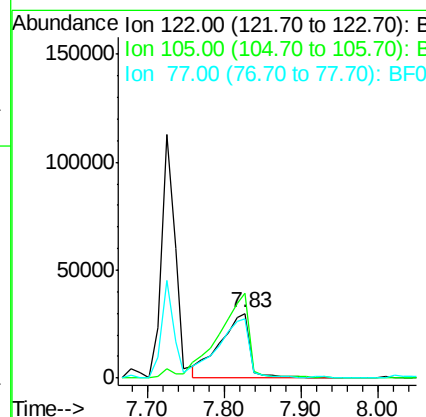
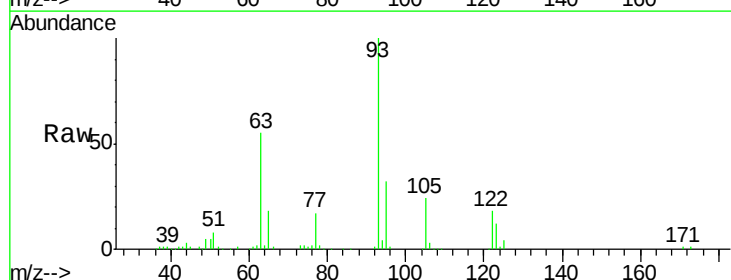
Manual Integrations

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#32
Benzoic acid
Concen: 16.77 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.1	101.6	141.6
77	92.6	70.6	110.6





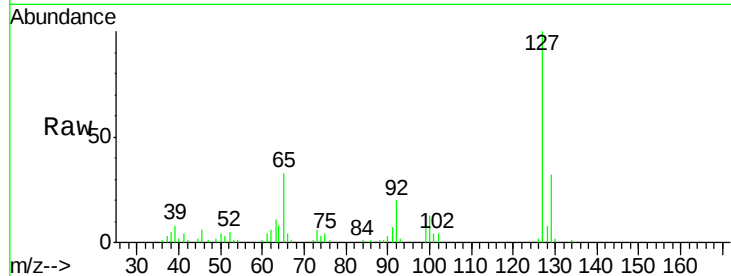
#33
 4-Chloroaniline
 Concen: 6.45 ng
 RT: 8.14 min Scan# 573
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampled :
 PB91807BS

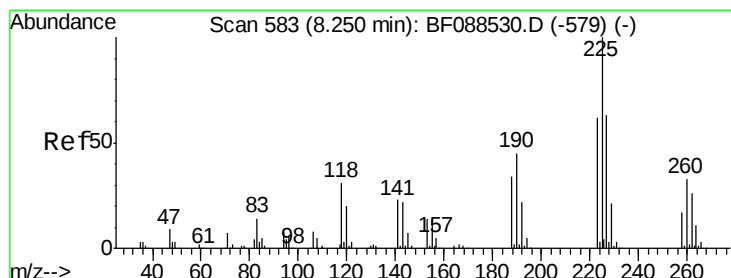
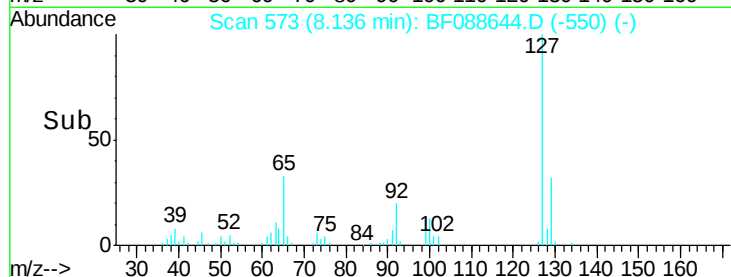
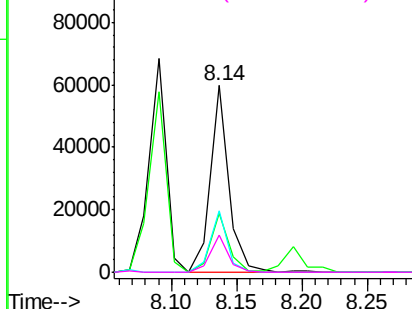
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		59025		
129	31.7	26.3	39.5		
65	33.0	24.7	37.1		
92	20.3	15.4	23.0		

Manual Integrations

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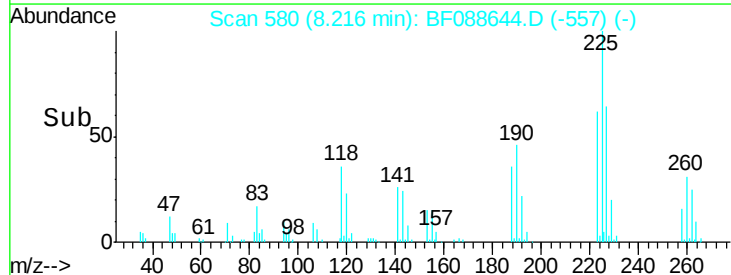
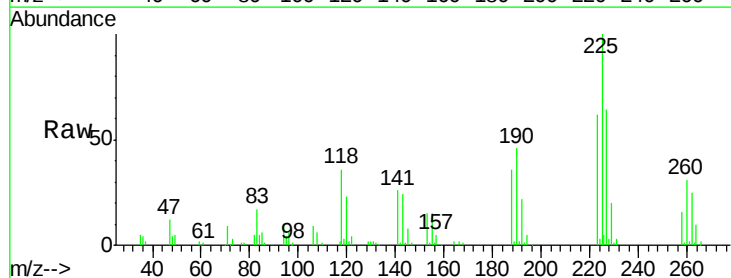
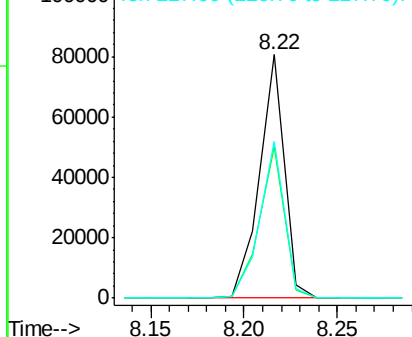
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0



#34
 Hexachlorobutadiene
 Concen: 22.68 ng
 RT: 8.22 min Scan# 580
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		73786		
223	62.0	50.9	76.3		
227	64.2	51.9	77.9		

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





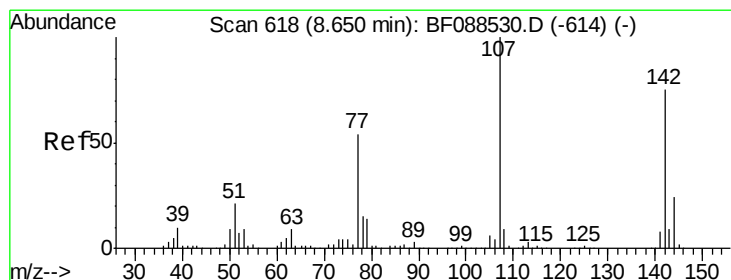
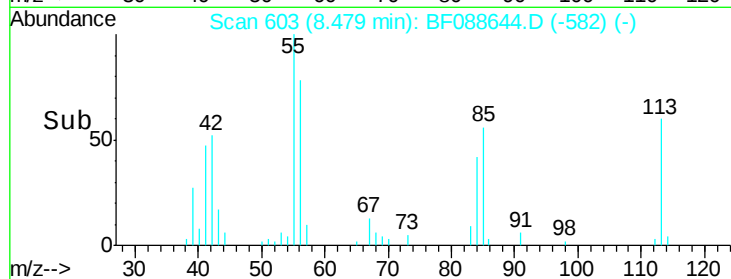
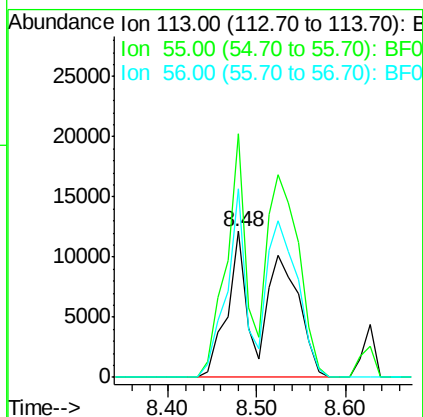
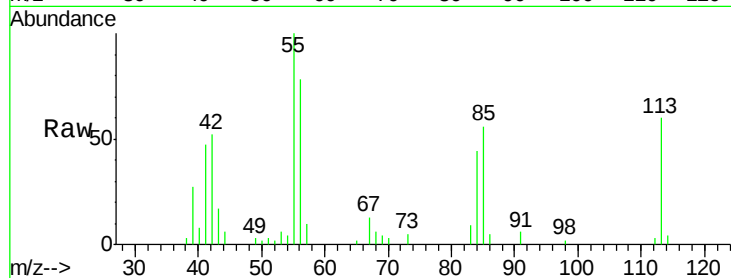
#35
Caprolactam
Concen: 23.16 ng/ml
RT: 8.48 min Scan# 603
Delta R.T. -0.06 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleID :
PB91807BS

Tot Ion:113 Resp: 43555
Ion Ratio Lower Upper
113 100
55 166.5 158.6 198.6
56 129.2 110.6 150.6

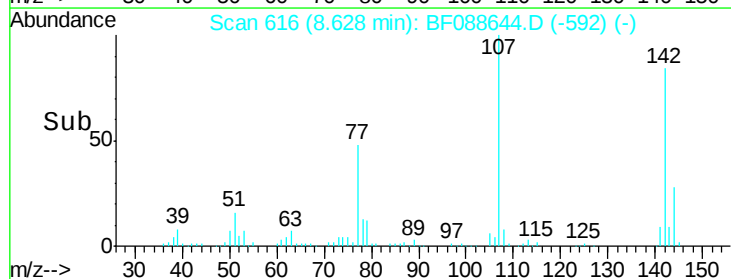
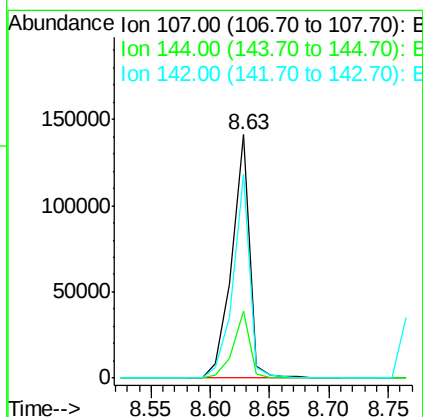
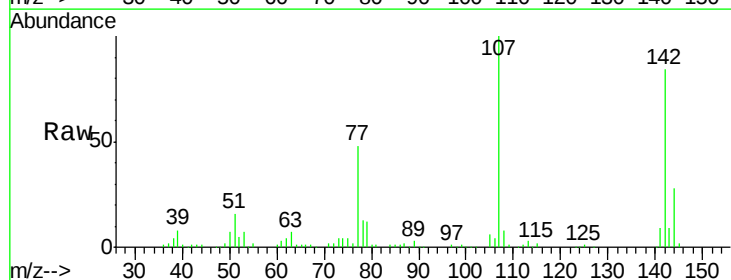
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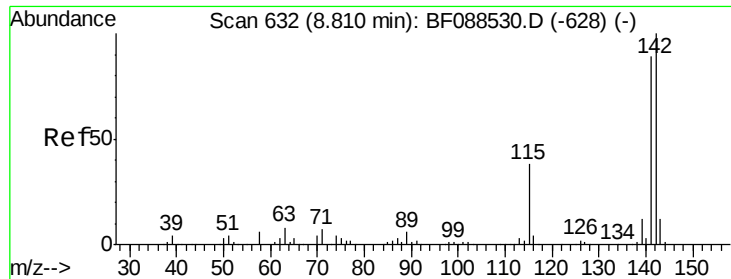
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#36
4-Chloro-3-methylphenol
Concen: 22.49 ng/ml
RT: 8.63 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion:107 Resp: 147237
Ion Ratio Lower Upper
107 100
144 27.5 20.8 31.2
142 84.0 63.4 95.2





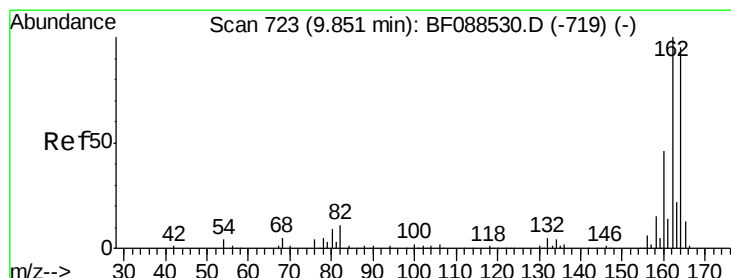
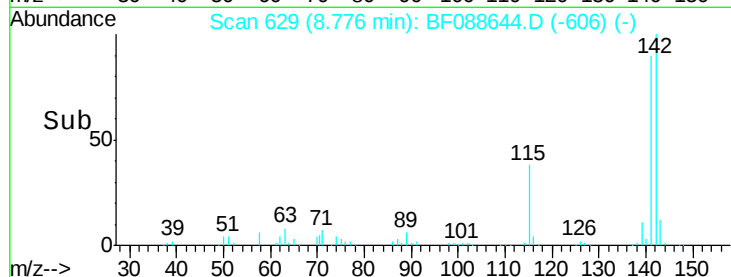
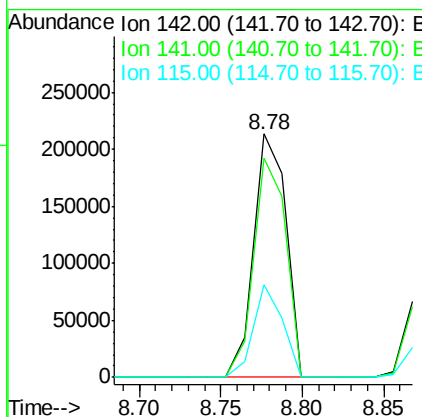
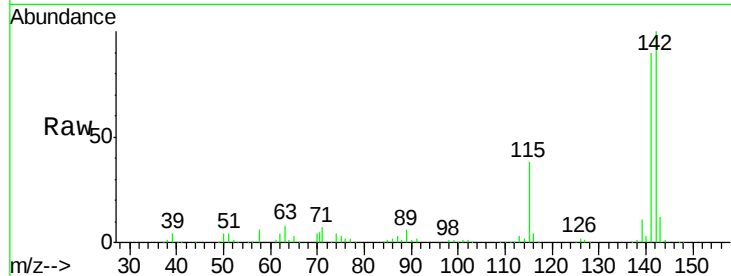
#37
2-Methylnaphthalene
Concen: 22.21 ng
RT: 8.78 min Scan# 629
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	38.2	22.6	33.8

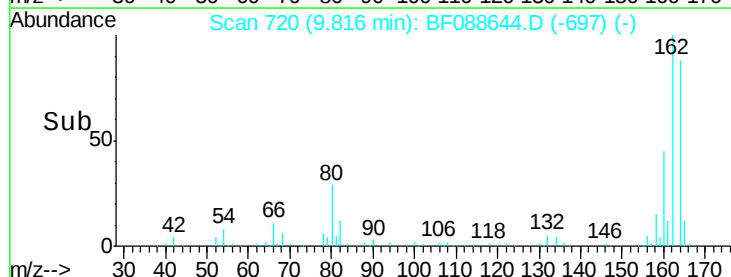
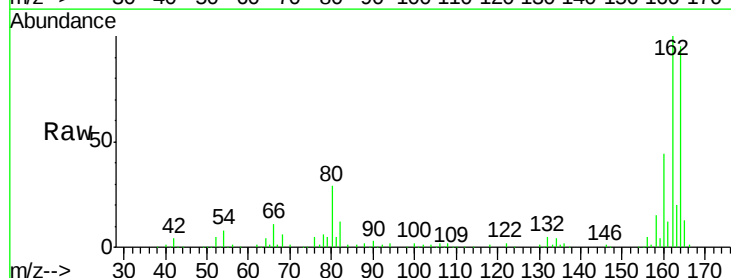
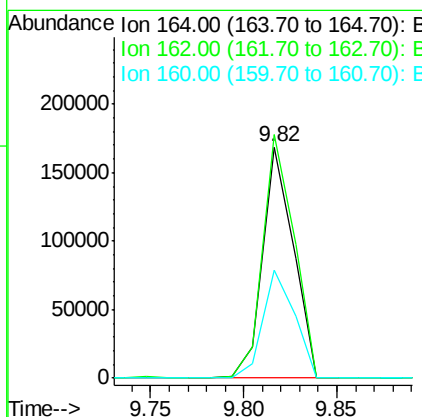
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	46.8	39.5	59.3





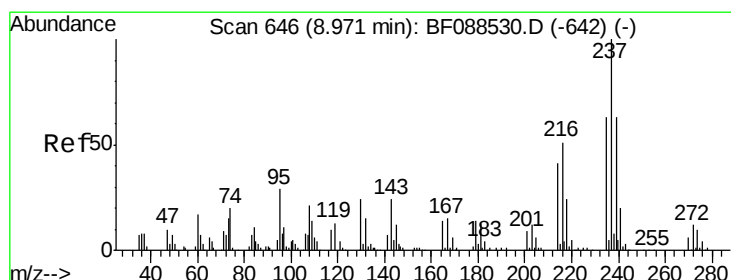
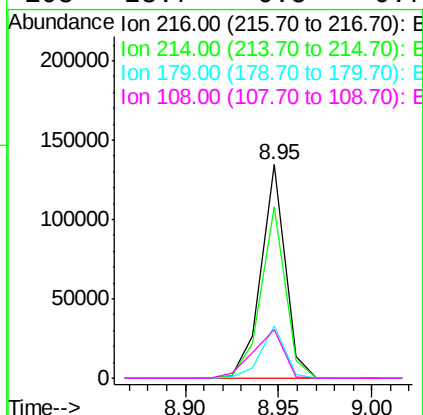
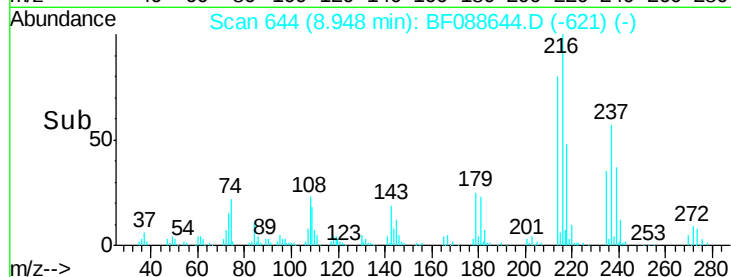
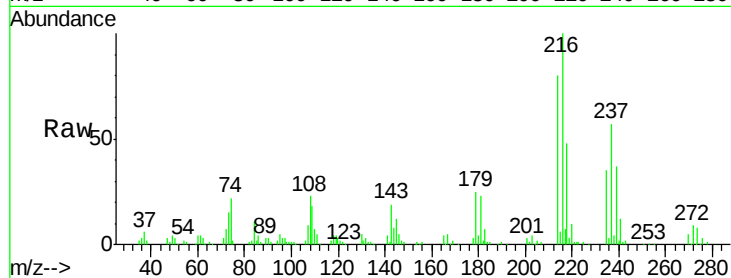
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.08 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.1	2.9	4.3#		
179	24.0	0.0	0.0#		
108	28.7	0.5	0.7#		

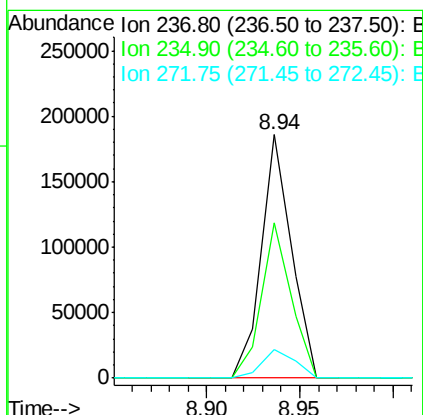
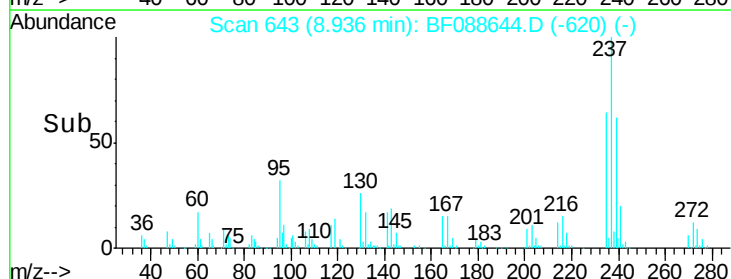
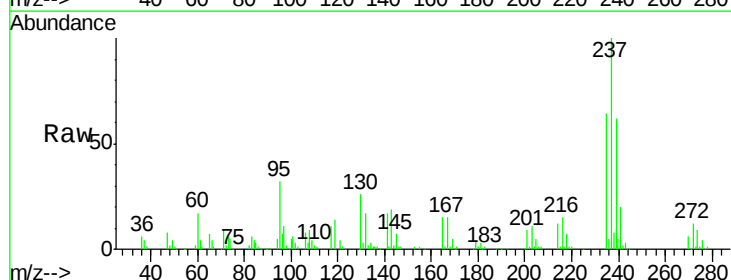
Manual Integrations

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#40
 Hexachlorocyclopentadiene
 Concen: 65.95 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.7	43.4	83.4		
272	11.8	0.0	32.3		





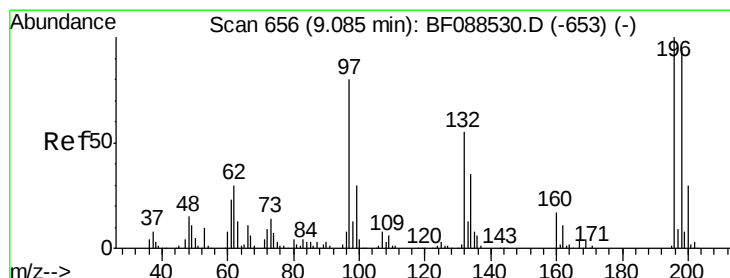
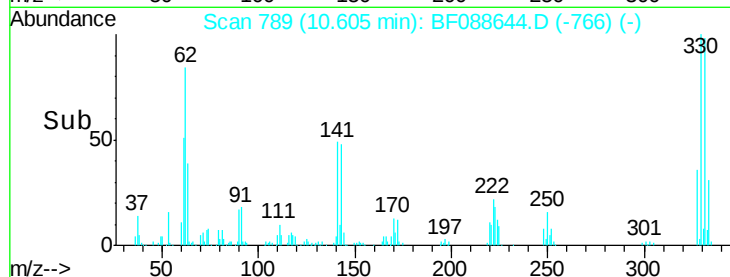
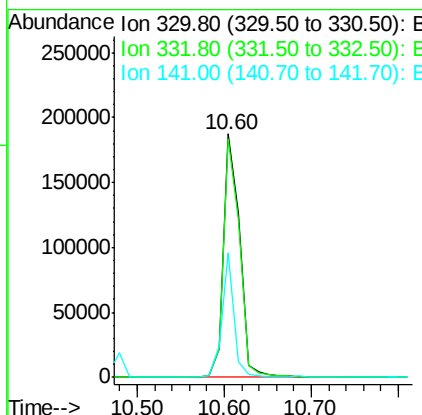
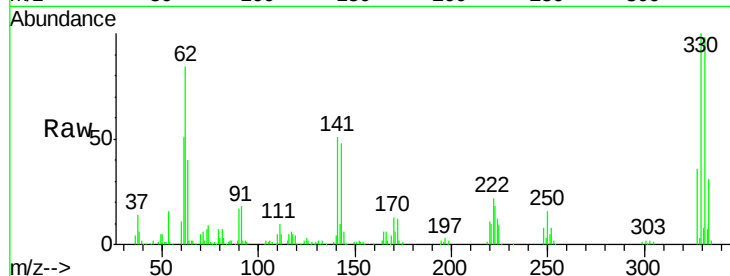
#41
 2,4,6-Tribromophenol
 Concen: 137.24 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampled :
 PB91807BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	244270		
332	97.6	0.0	0.0	0.0
141	39.0	0.0	0.0	0.0

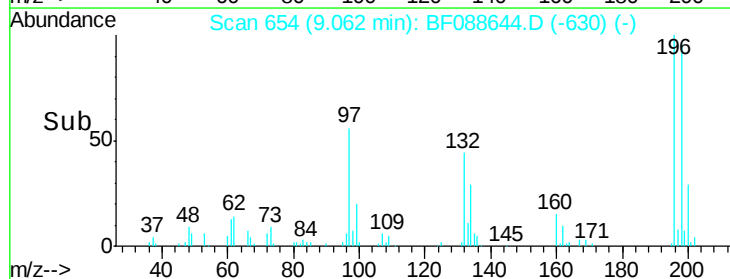
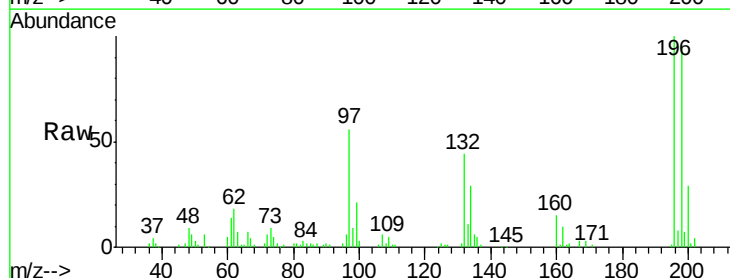
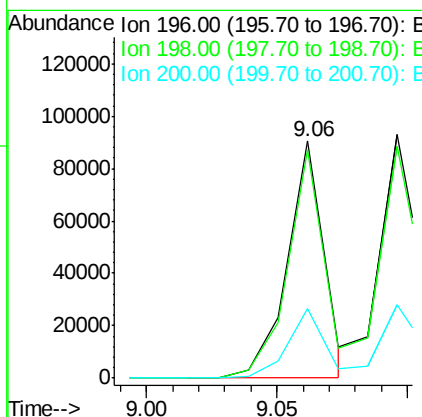
Manual Integrations

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#42
 2,4,6-Trichlorophenol
 Concen: 20.95 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88071		
198	96.3	78.0	117.0	
200	29.5	25.4	38.2	





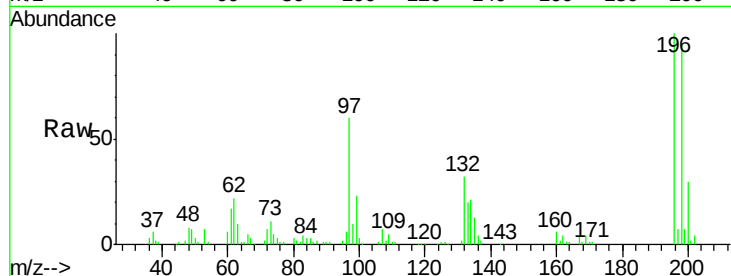
#43
 2,4,5-Trichlorophenol
 Concen: 28.45 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

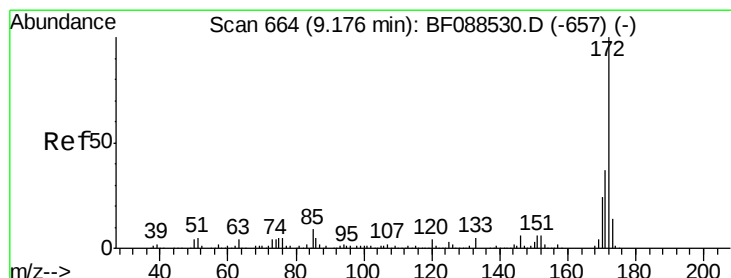
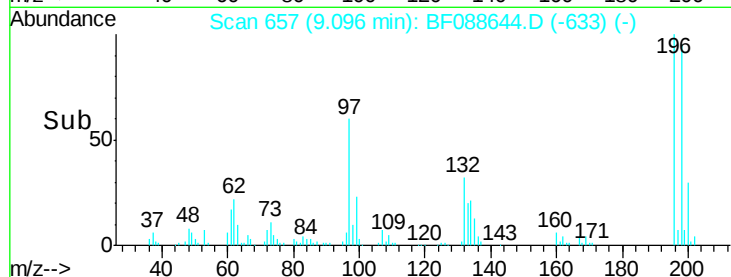
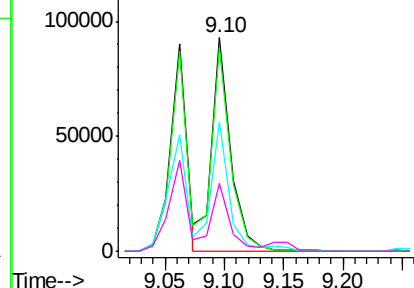
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		102890		
198	95.5	77.5	116.3		
97	60.3	32.0	48.0		
132	32.0	20.9	31.3		

Manual Integrations

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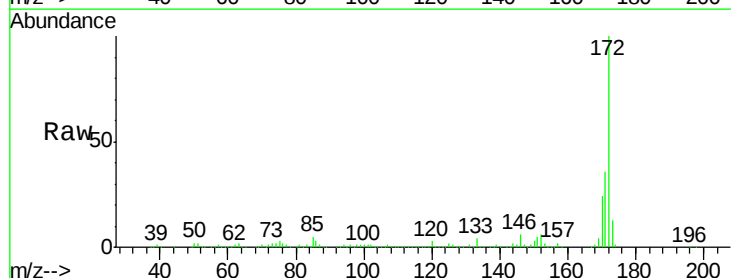


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

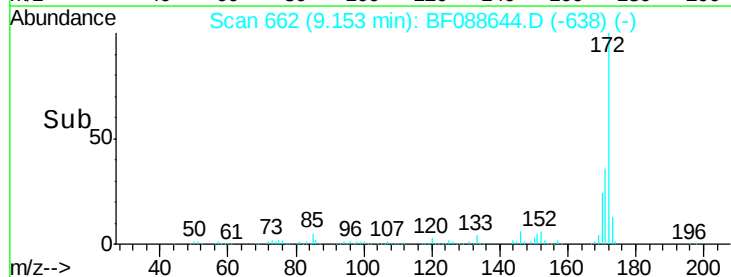
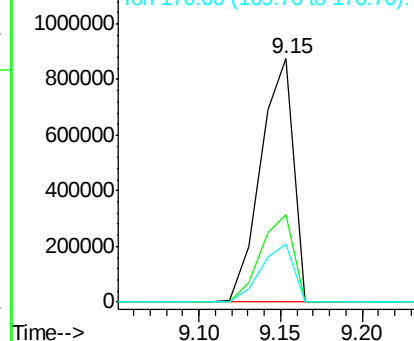


#44
 2-Fluorobiphenyl
 Concen: 100.35 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1217659		
171	36.0	28.6	43.0		
170	24.1	19.2	28.8		



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





#45

1,1'-Biphenyl

Concen: 23.92 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tot Ion:154 Resp: 379732

Ion Ratio Lower Upper

154 100

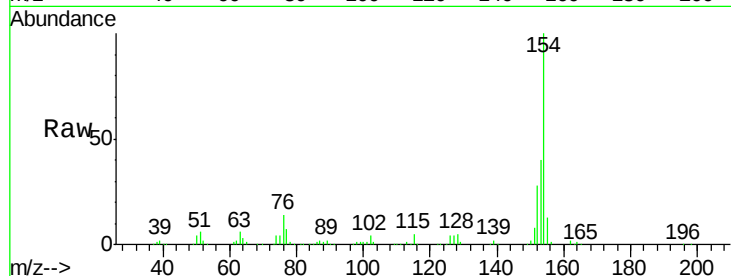
153 40.1 20.6 60.6

76 14.4 0.0 35.1

Manual Integrations

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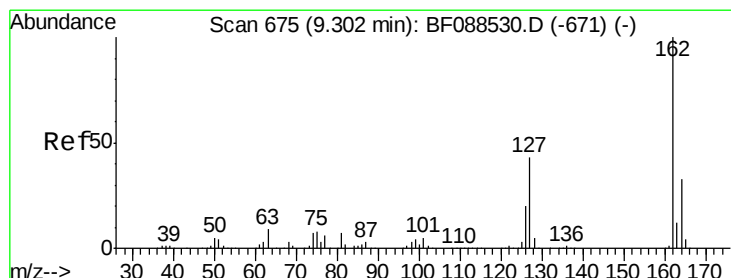
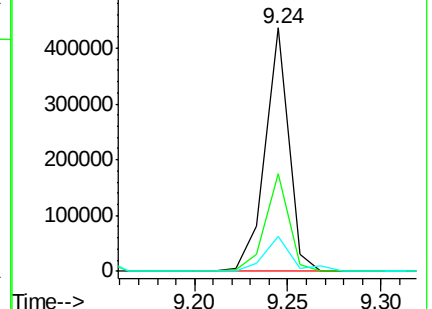
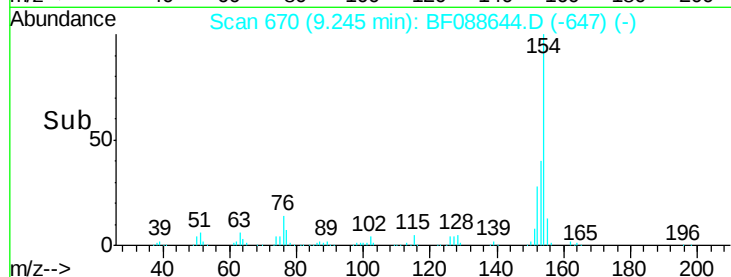
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 23.42 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

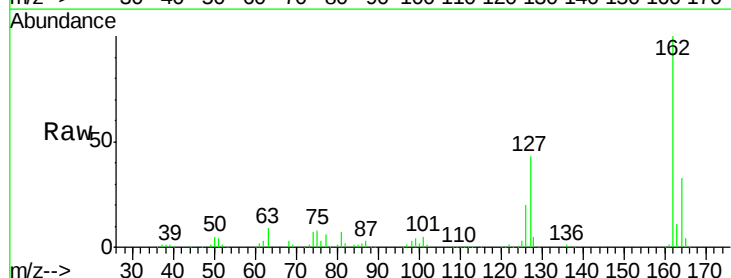
Tgt Ion:162 Resp: 291758

Ion Ratio Lower Upper

162 100

127 42.9 35.2 52.8

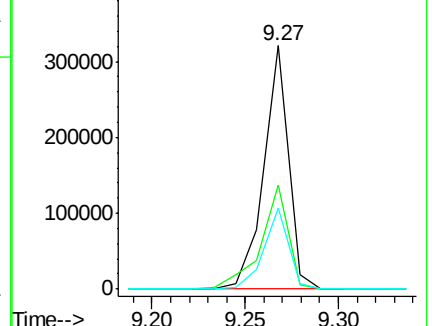
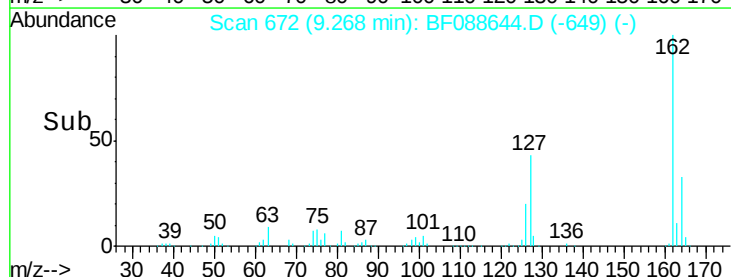
164 33.2 26.6 39.8



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: 22.04 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

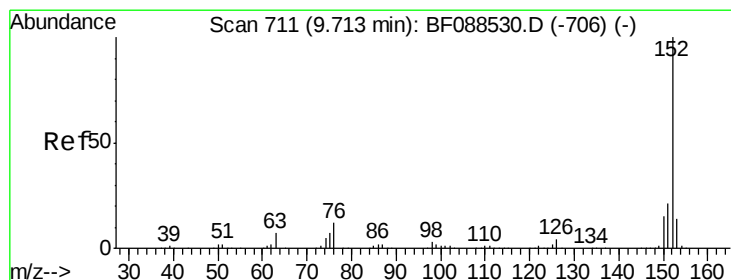
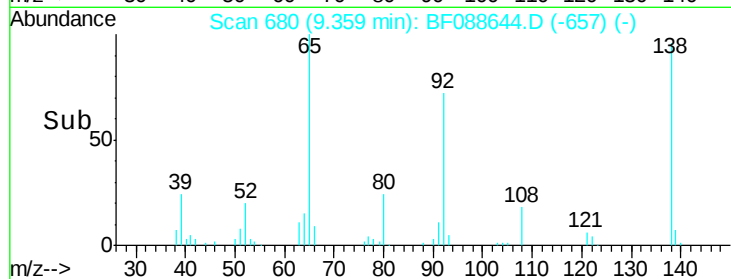
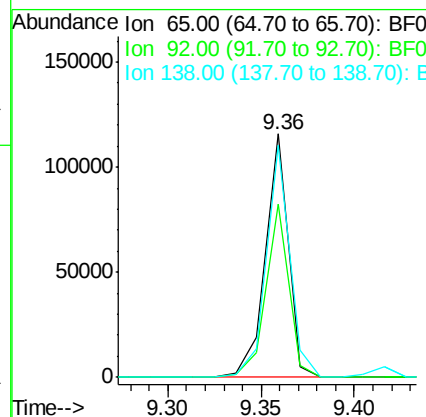
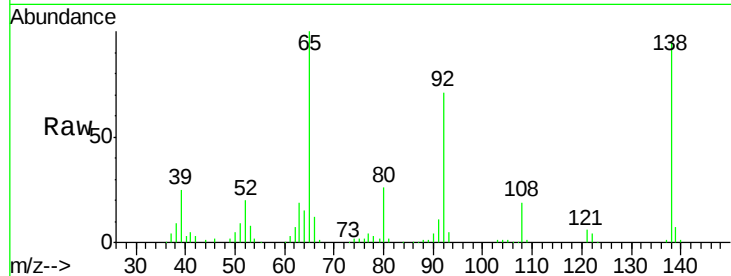
Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tot Ion: 65 Resp: 97472

Ion	Ratio	Lower	Upper
65	100		
92	71.2	54.6	82.0
138	95.3	77.0	115.4

Manual Integrations

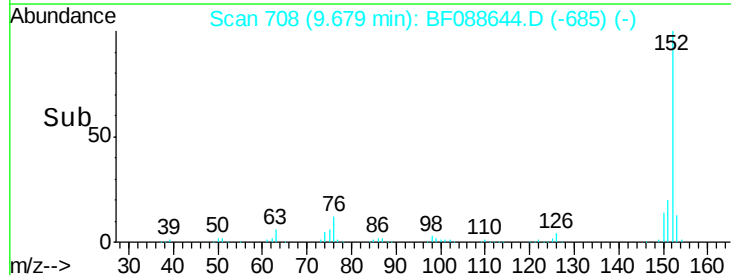
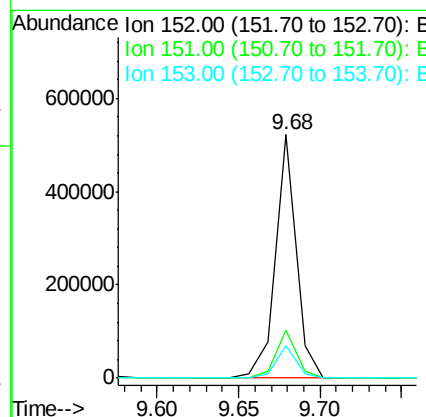
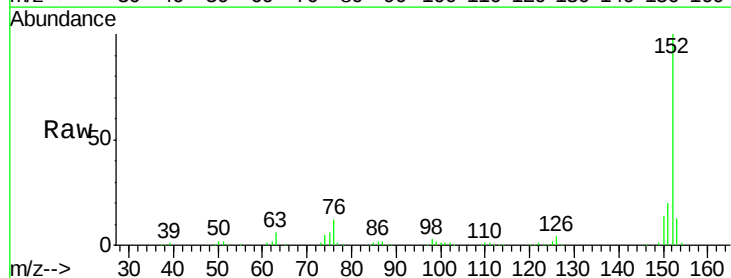
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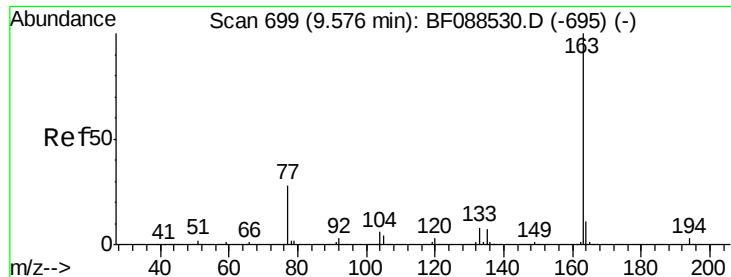


#48
 Acenaphthylene
 Concen: 23.42 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion: 152 Resp: 464286

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.2	11.0	16.6





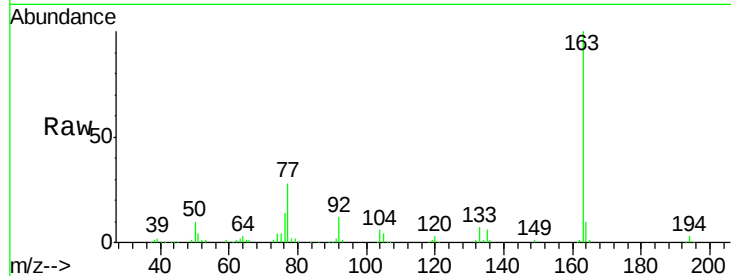
#49
Dimethylphthalate
Concen: 23.46 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

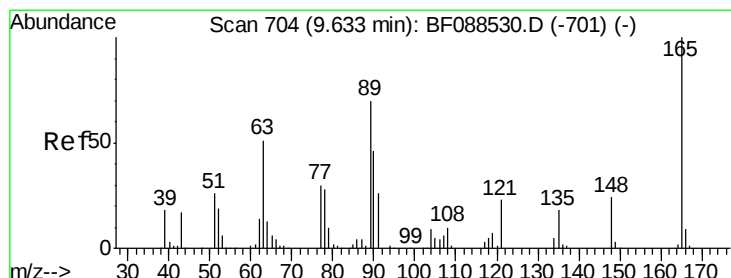
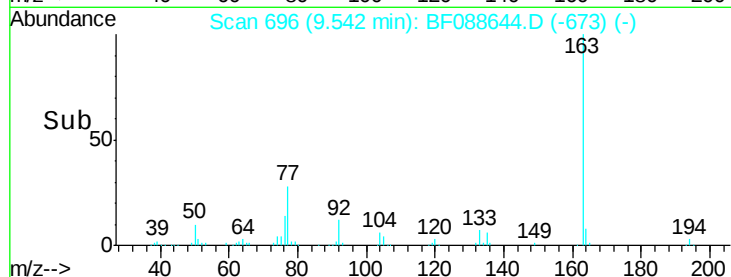
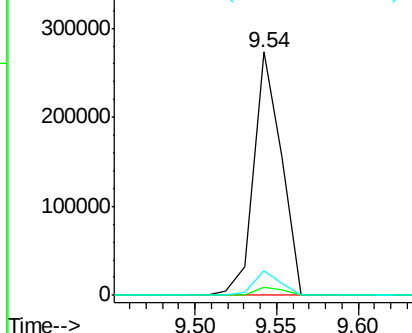
Tot Ion	Ratio	Resp	Lower	Upper
163	100	320402		
194	3.1		2.8	4.2
164	10.2		8.3	12.5

Manual Integrations

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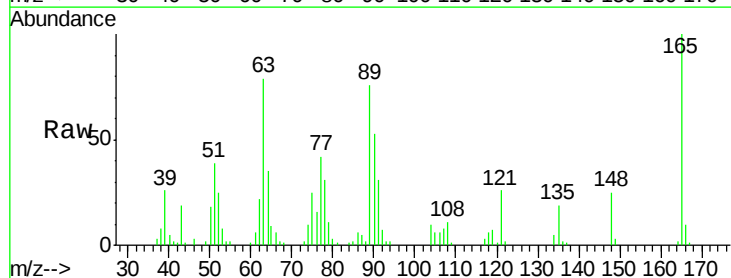


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

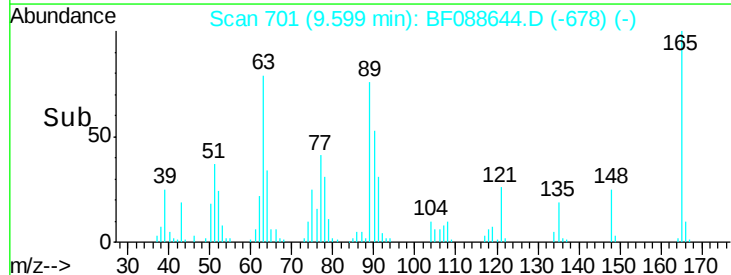
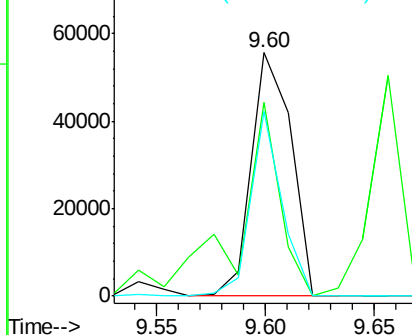


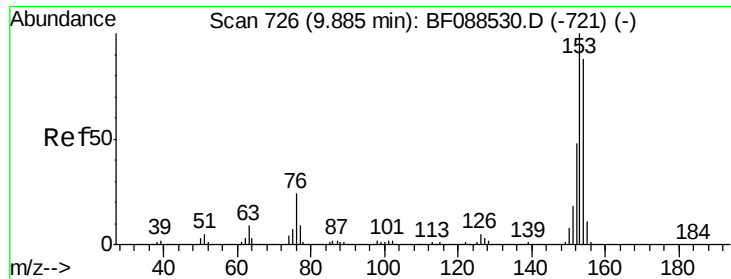
#50
2,6-Dinitrotoluene
Concen: 23.44 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	70943		
63	79.5		28.1	42.1#
89	76.1		32.2	48.2#



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





#51

Acenaphthene

Concen: 26.40 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tot Ion:154 Resp: 320867

Ion Ratio Lower Upper

154 100

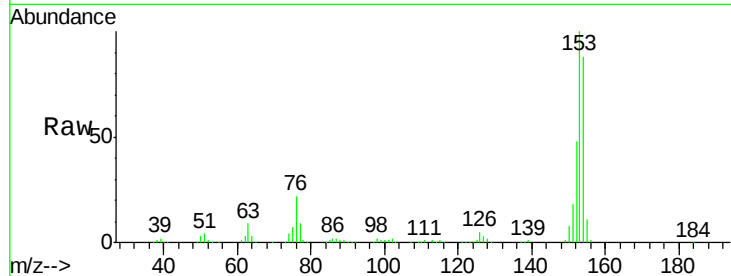
153 113.1 89.5 134.3

152 54.7 42.7 64.1

Manual Integrations

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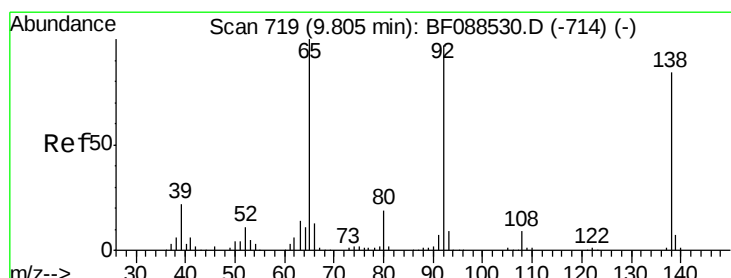
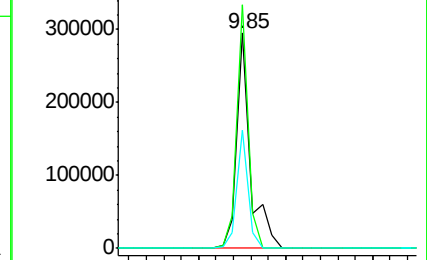
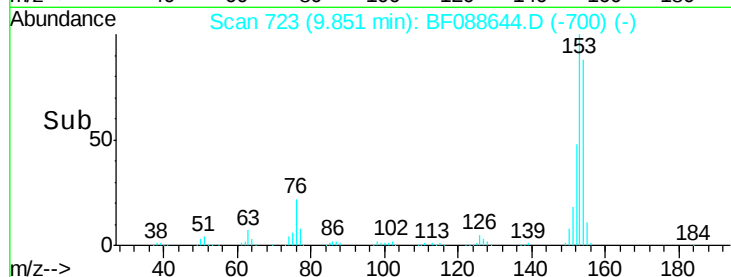
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.81 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

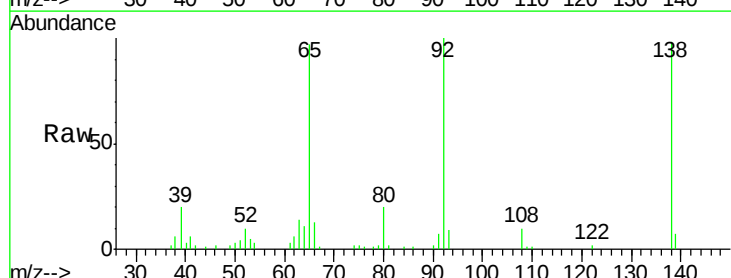
Tgt Ion:138 Resp: 41584

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

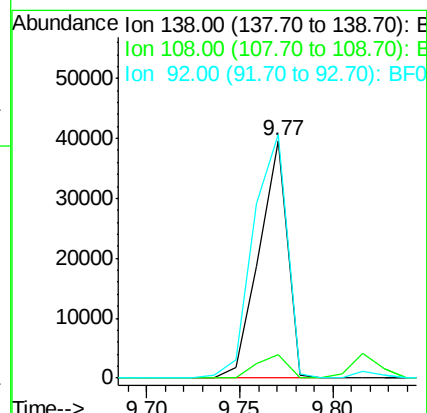
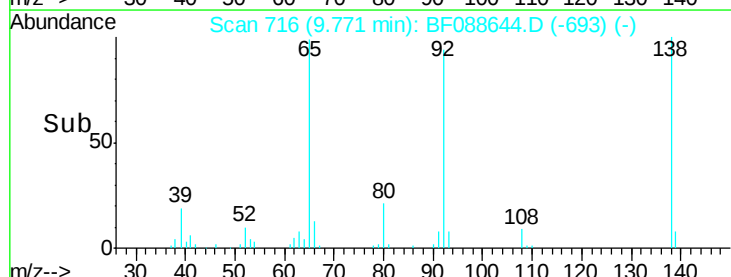
92 102.5 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





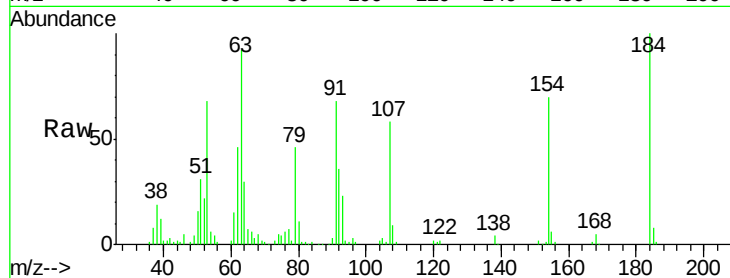
#53
2,4-Dinitrophenol
Concen: 68.39 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

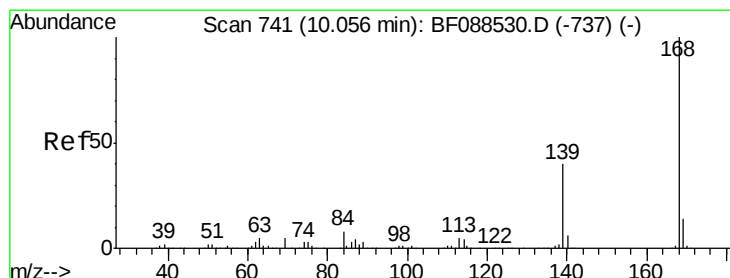
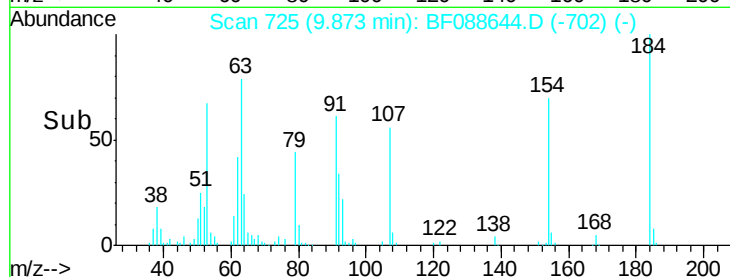
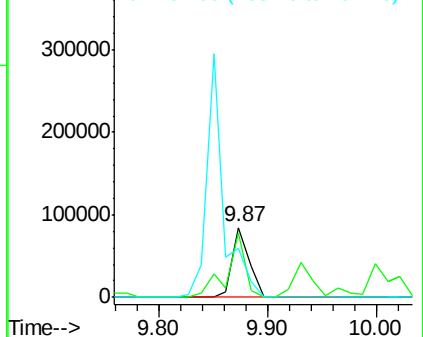
Tot Ion	Ratio	Lower	Upper
184	100		
63	91.8	57.6	86.4#
154	70.0	53.5	80.3

Manual Integrations

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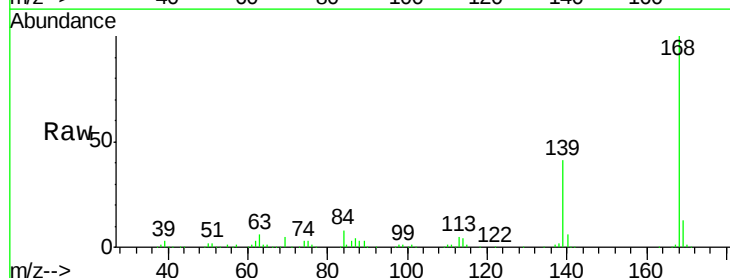


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

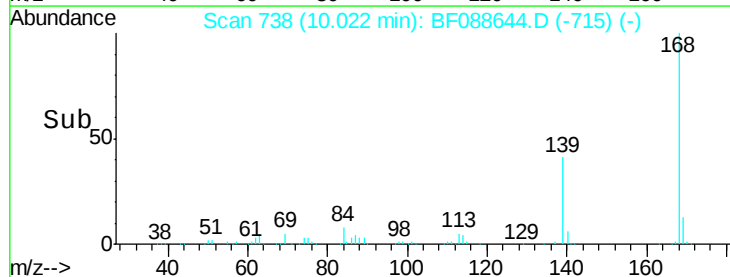
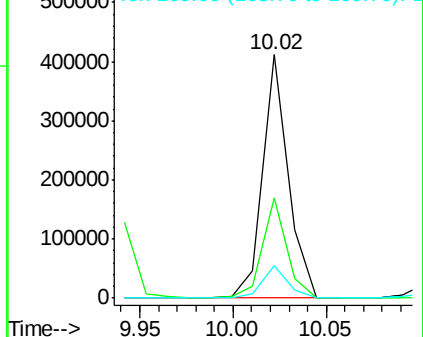


#54
Dibenzofuran
Concen: 24.81 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.3	26.4	39.6#
169	13.5	10.4	15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





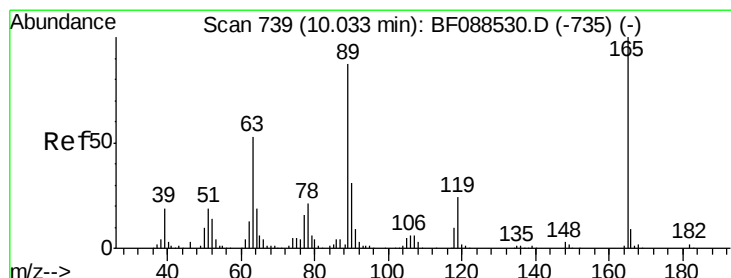
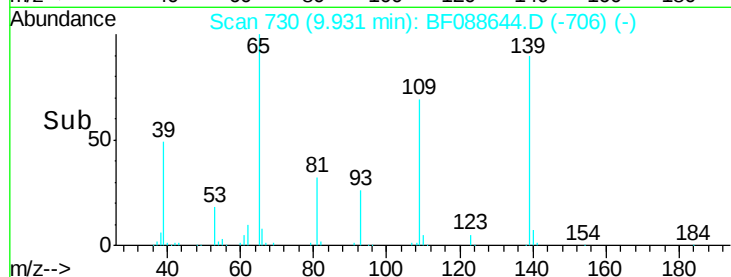
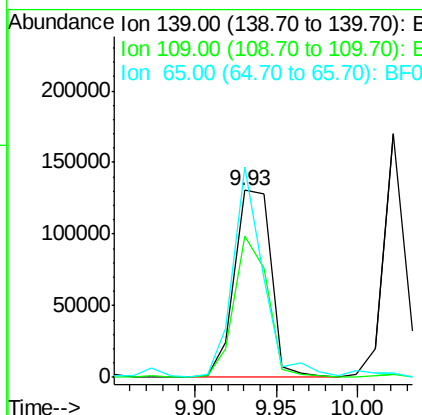
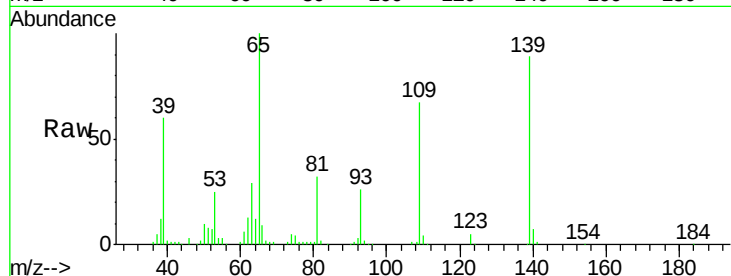
#55
4-Nitrophenol
Concen: 69.48 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	203150		
109	75.9	48.9	88.9	
65	112.7	84.9	124.9	

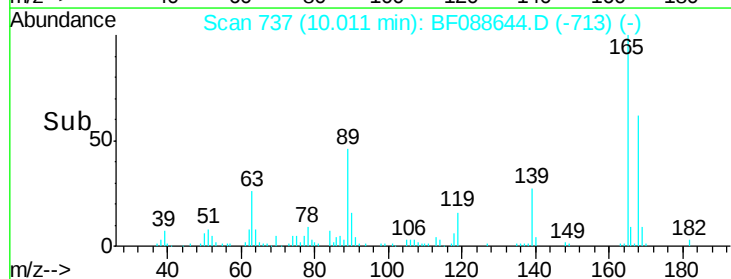
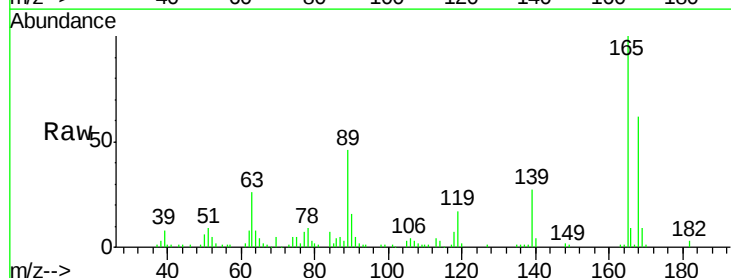
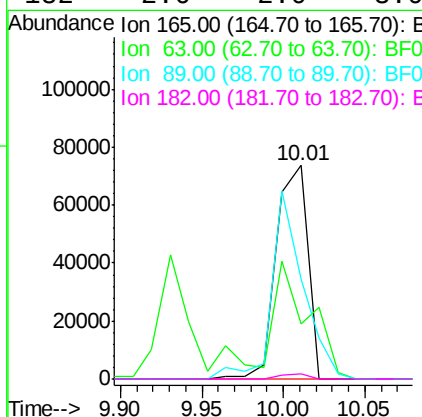
Manual Integrations

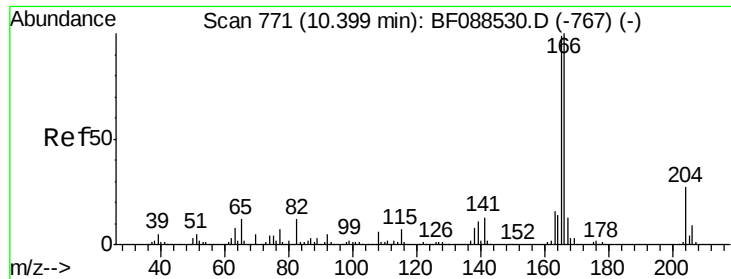
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#56
2,4-Dinitrotoluene
Concen: 25.09 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	99277		
63	25.6	22.0	33.0	
89	46.5	41.1	61.7	
182	2.6	2.0	3.0	





#57

Fluorene

Concen: 25.61 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tot Ion:166 Resp: 313952

Ion Ratio Lower Upper

166 100

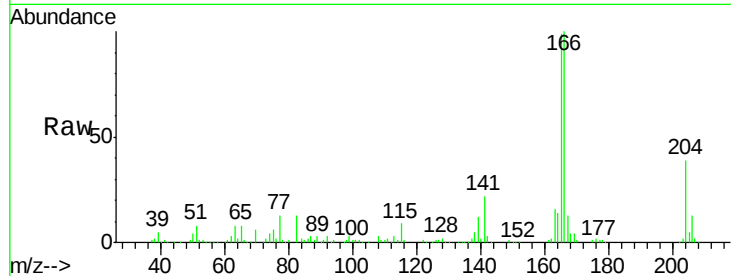
165 99.4 77.8 116.8

167 13.4 11.2 16.8

Manual Integrations

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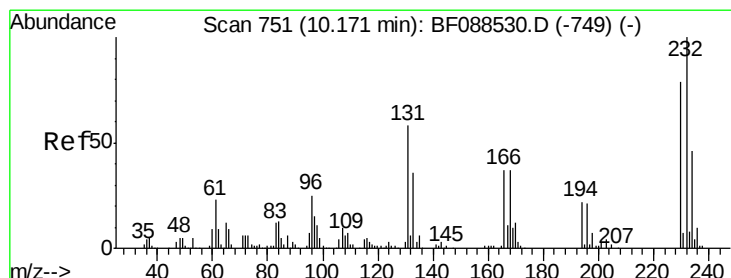
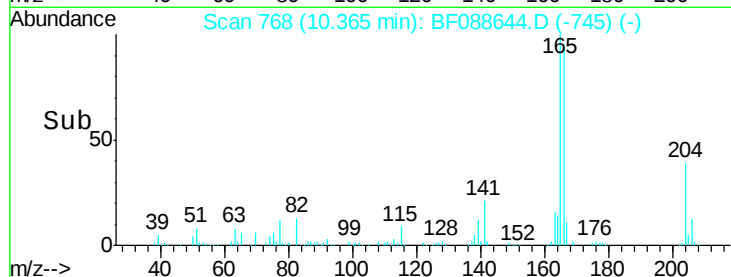
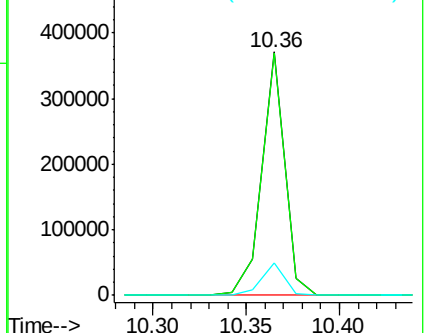
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.08 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Tgt Ion:232 Resp: 75774

Ion Ratio Lower Upper

232 100

131 50.4 0.9 1.3#

130 2.4 1.5 2.3#

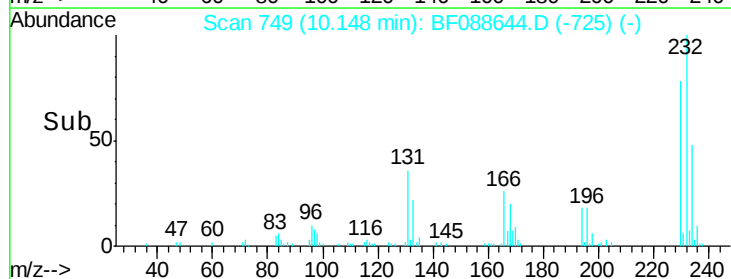
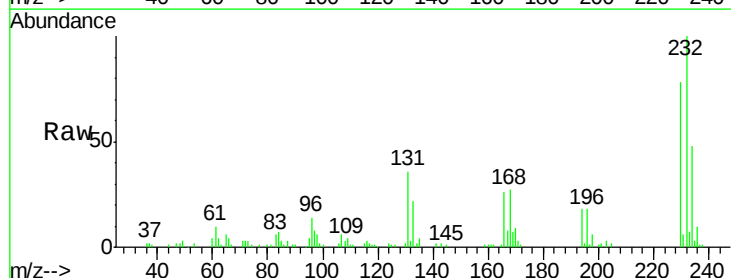
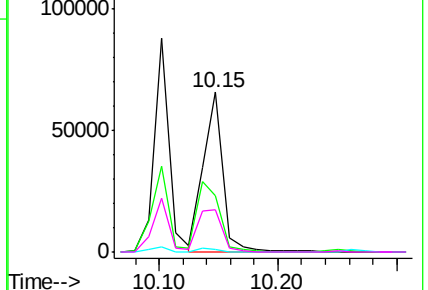
166 32.5 0.5 0.7#

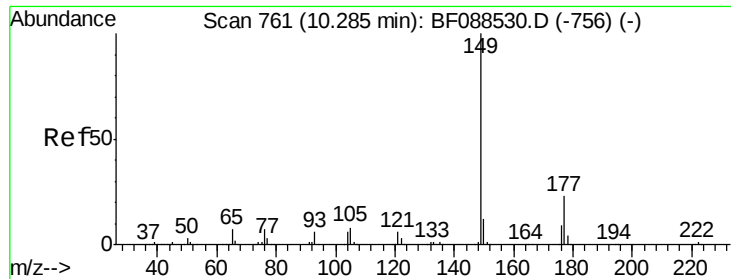
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





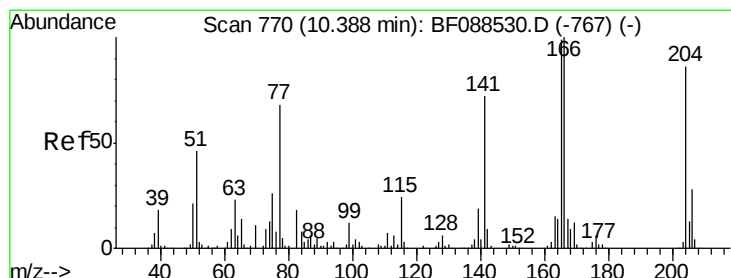
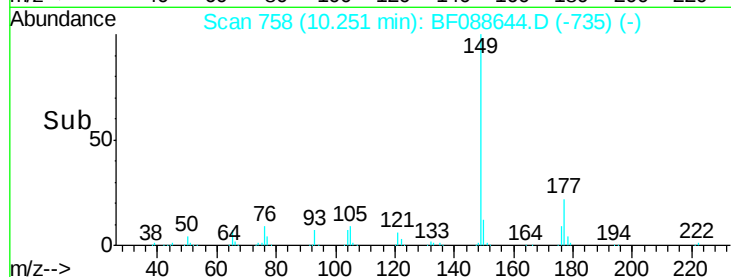
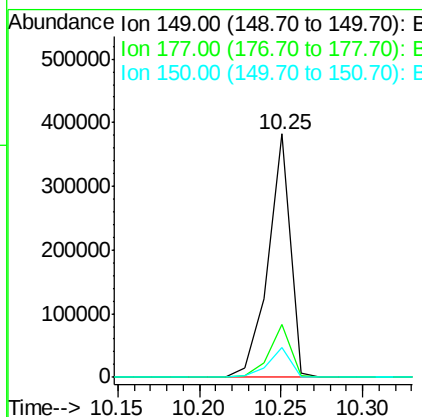
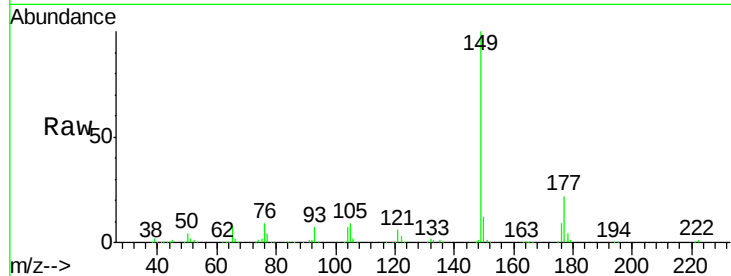
#59
Diethylphthalate
Concen: 26.34 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampled :
PB91807BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.9	25.3
150	12.4	10.1	15.1

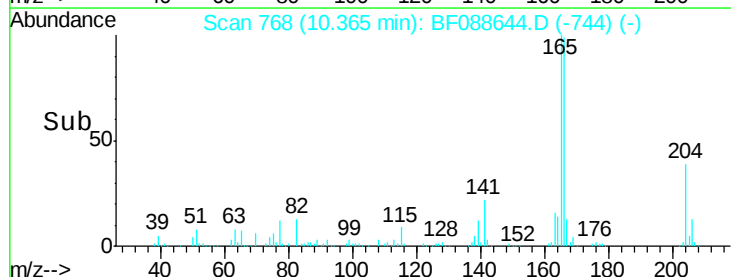
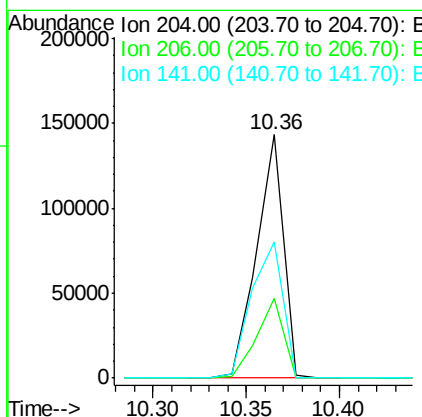
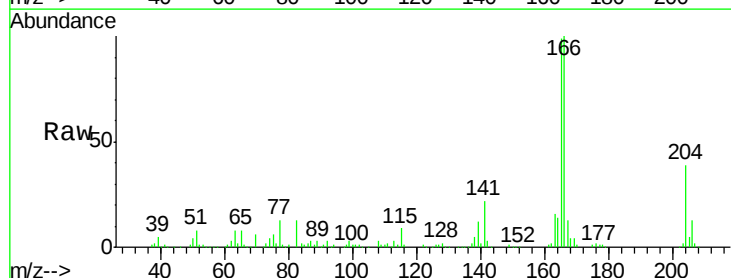
Manual Integrations

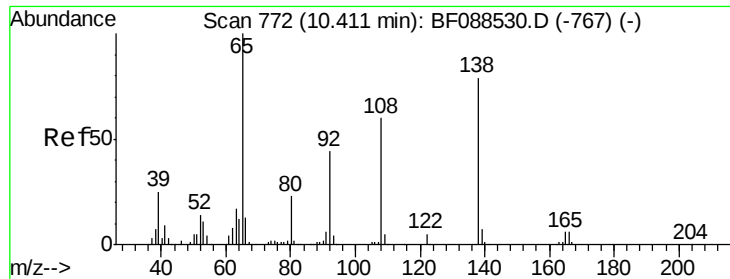
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#60
4-Chlorophenyl-phenylether
Concen: 24.95 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	56.0	55.0	82.6





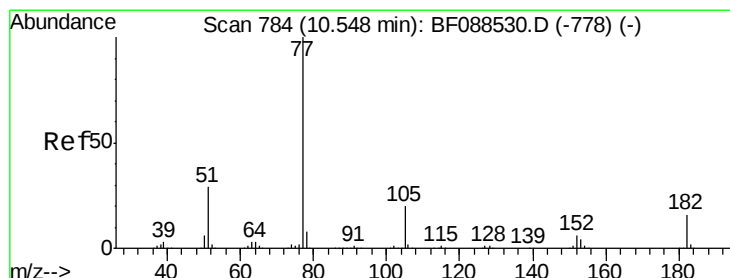
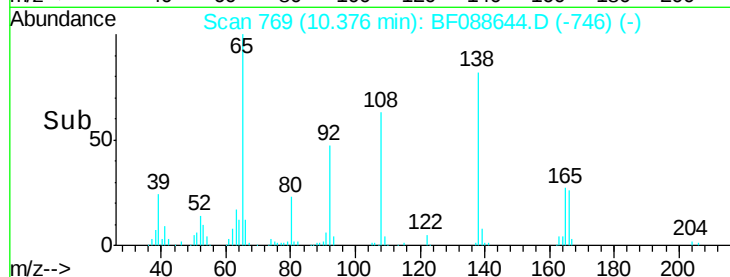
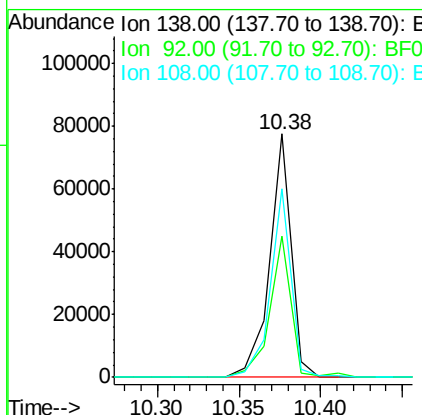
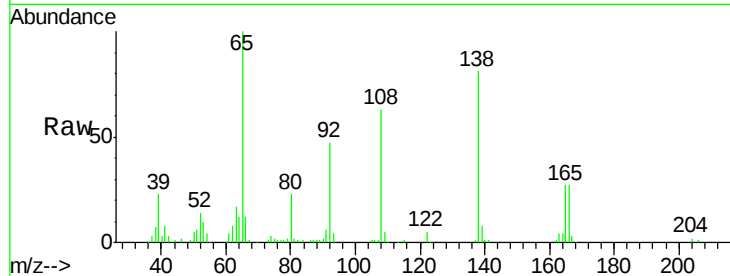
#61
4-Nitroaniline
Concen: 19.28 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleID :
PB91807BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.8	27.3	67.3
108	77.2	46.7	86.7

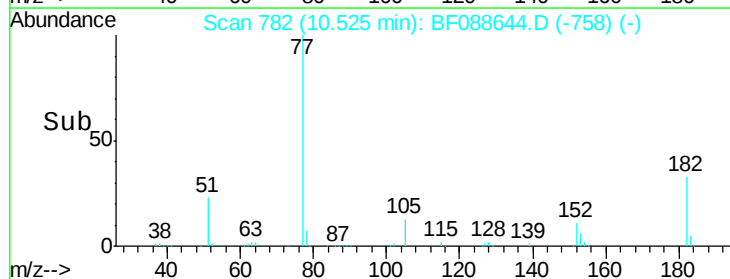
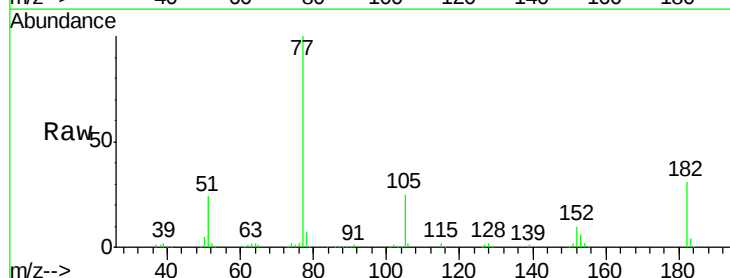
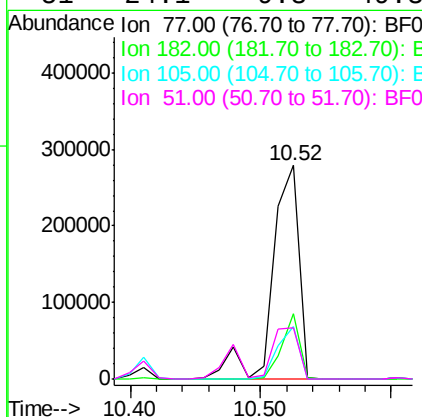
Manual Integrations

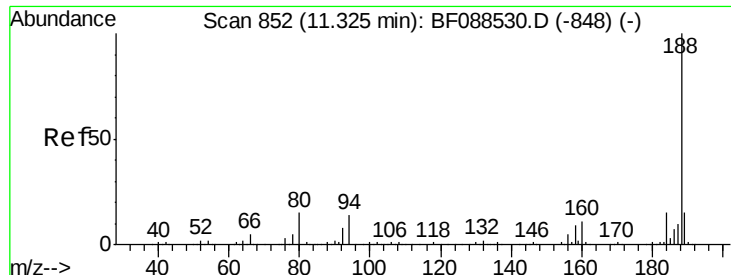
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#62
Azobenzene
Concen: 25.47 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.7	4.4	44.4
105	24.7	3.8	43.8
51	24.1	9.3	49.3





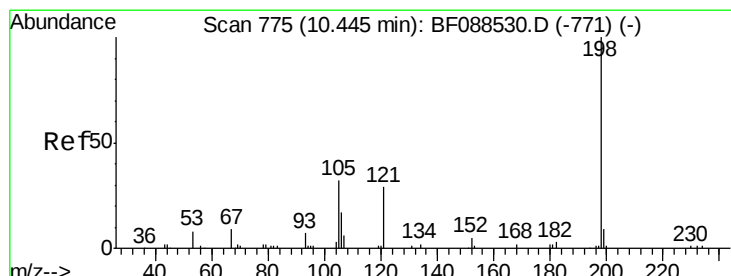
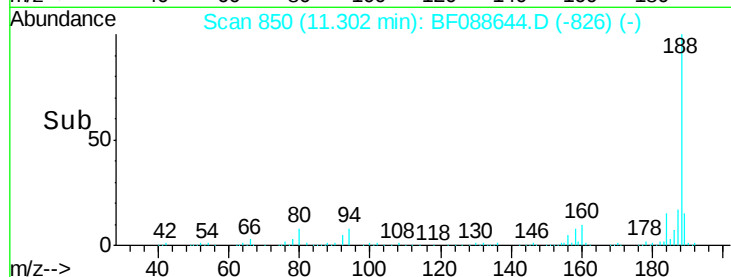
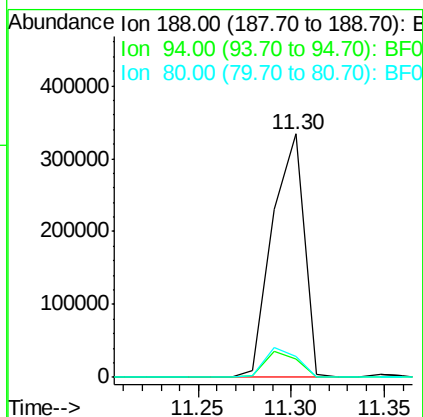
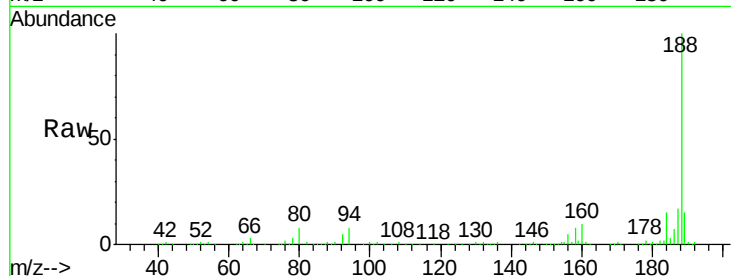
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.6#
80	8.3	10.0	15.0#

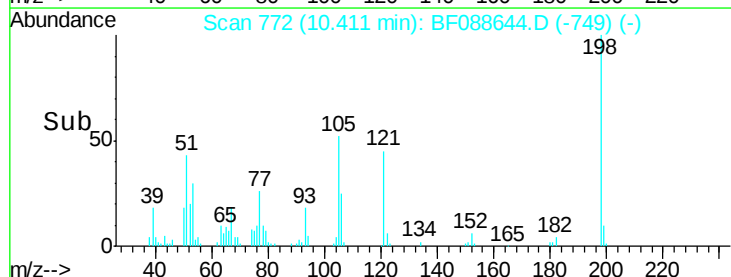
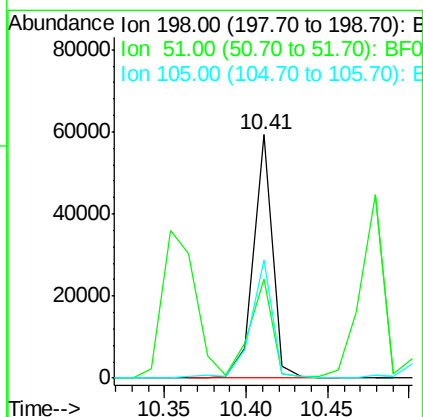
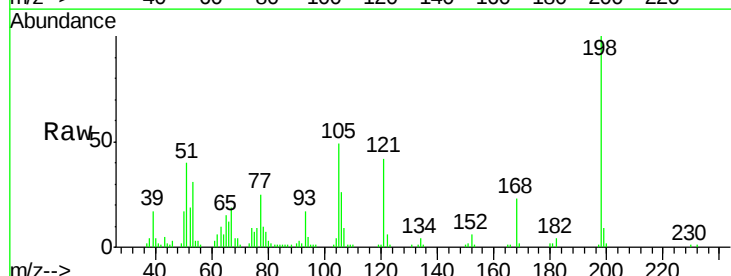
Manual Integrations

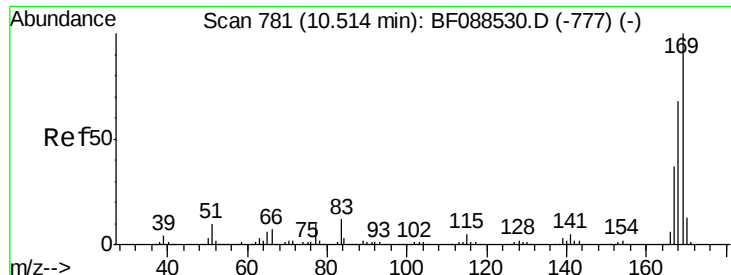
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#64
4,6-Dinitro-2-methylphenol
Concen: 22.70 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.5	39.6	79.6
105	48.6	36.6	76.6





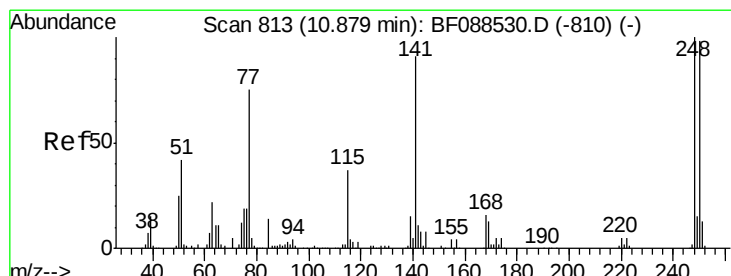
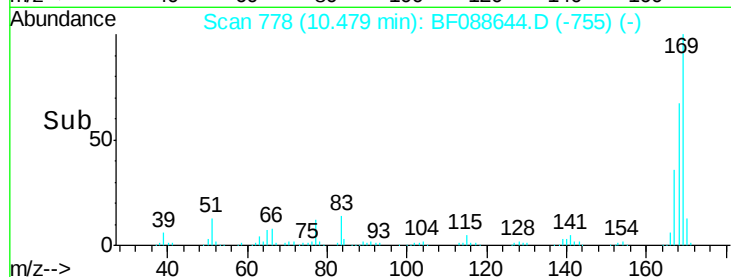
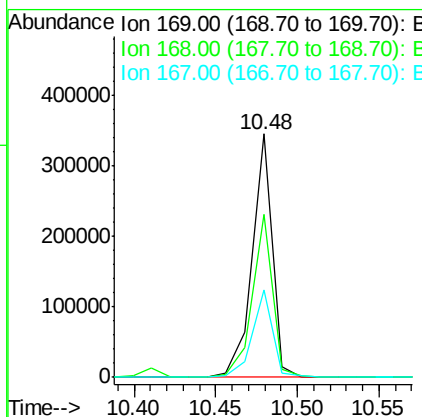
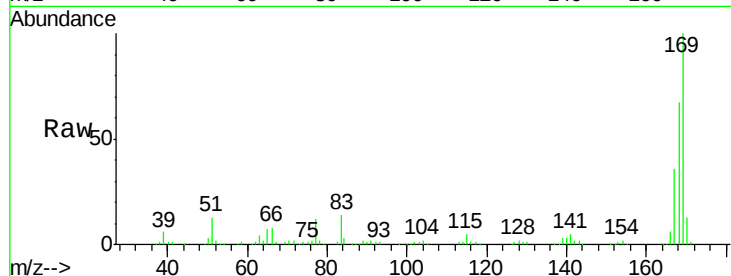
#65
n-Nitrosodiphenylamine
Concen: 21.96 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		295543		
168	67.1	53.4	80.0		
167	35.9	29.4	44.0		

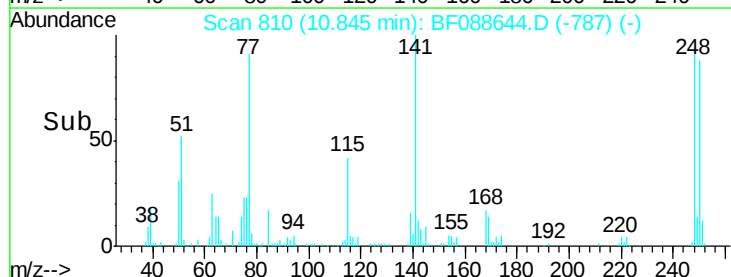
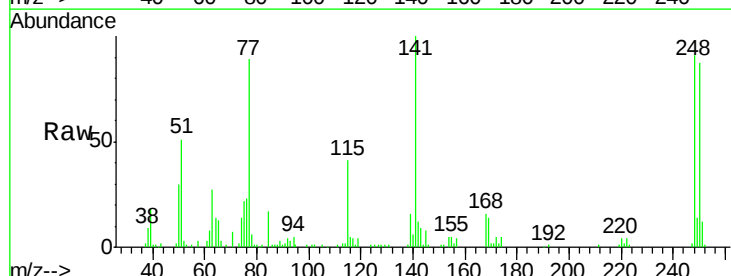
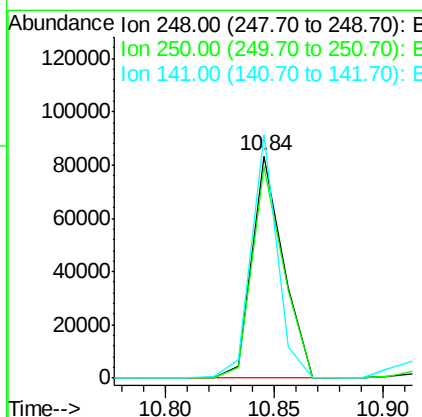
Manual Integrations

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#66
4-Bromophenyl-phenylether
Concen: 20.81 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		83379		
250	95.4	77.1	115.7		
141	109.5	50.6	76.0		





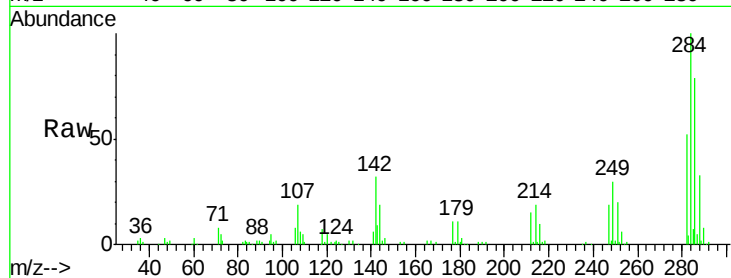
#67
Hexachlorobenzene
Concen: 21.69 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

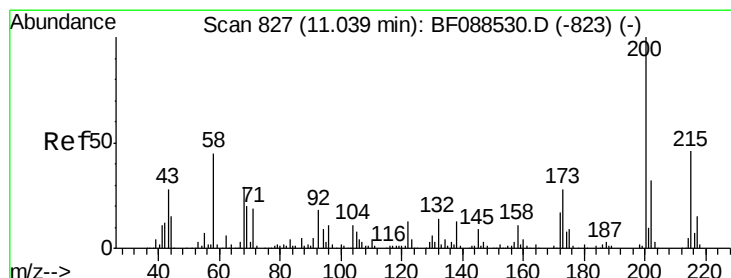
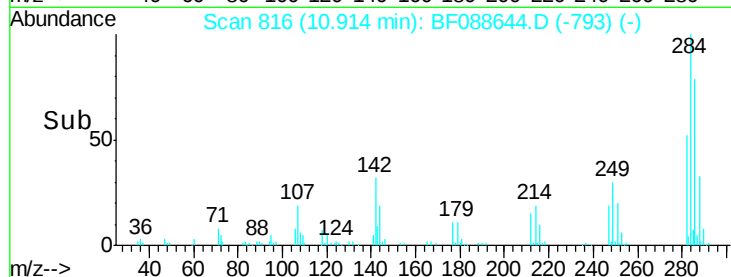
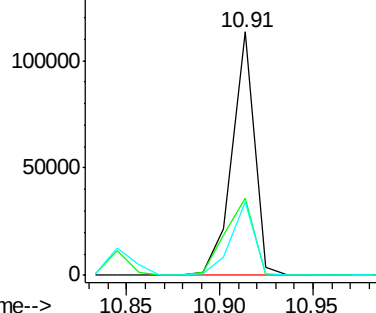
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.8	35.8	53.8#
249	29.9	25.8	38.6

Manual Integrations

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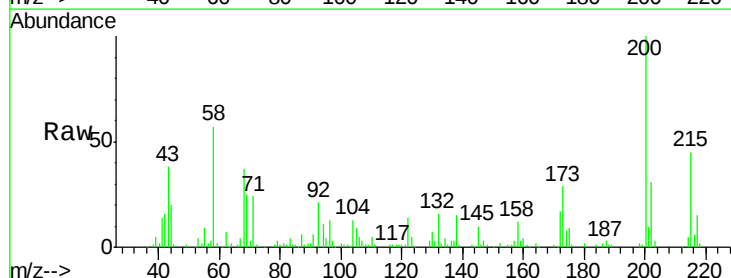


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

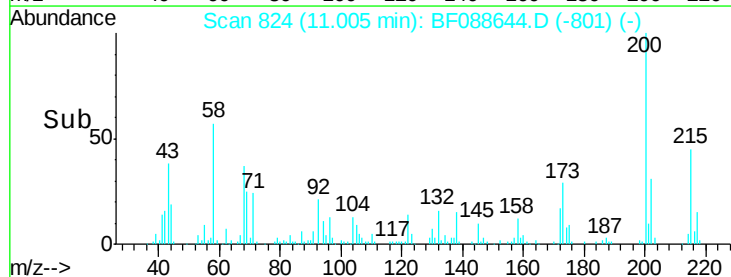
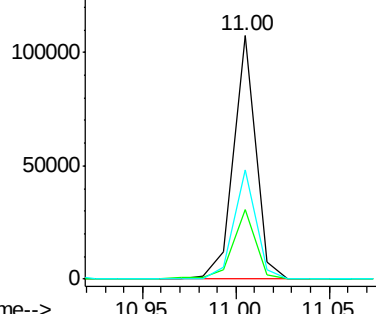


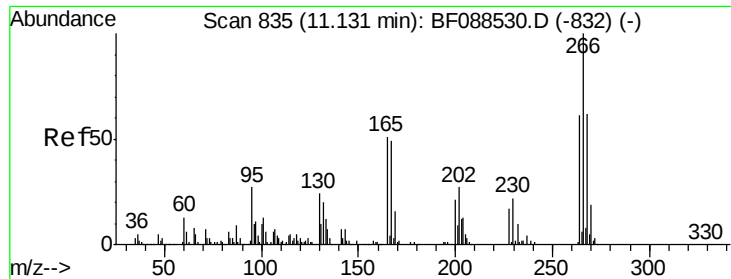
#68
Atrazine
Concen: 20.96 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	4.0	44.0
215	44.8	29.3	69.3



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





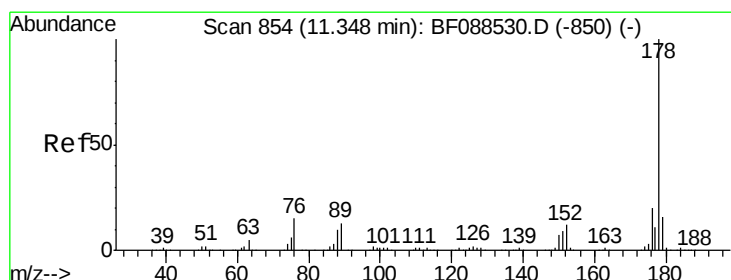
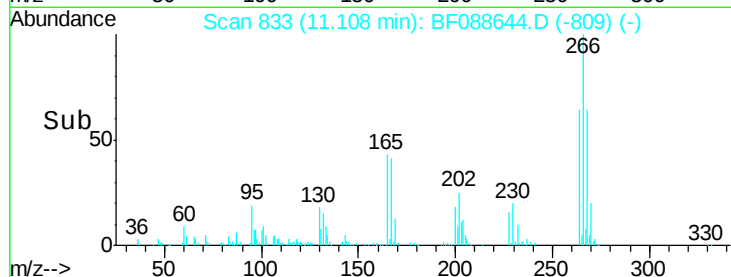
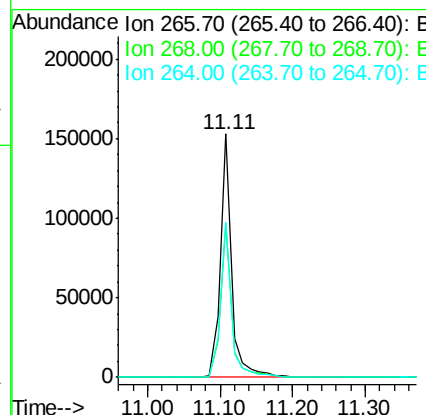
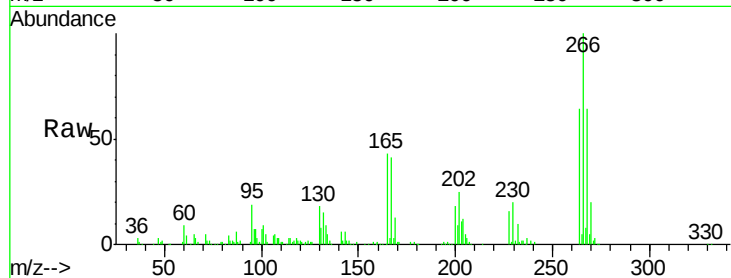
#69
 Pentachlorophenol
 Concen: 62.87 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.8	79.2
264	63.8	49.6	74.4

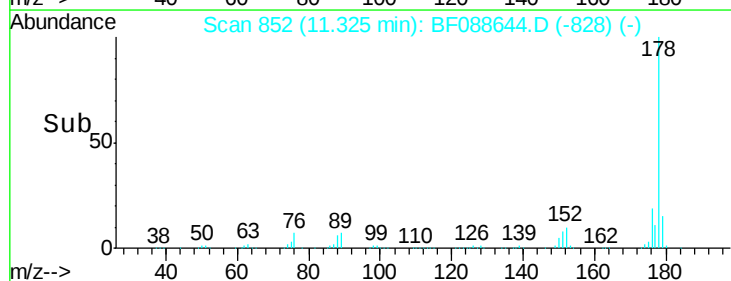
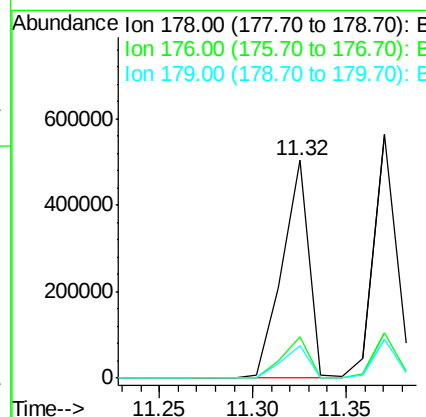
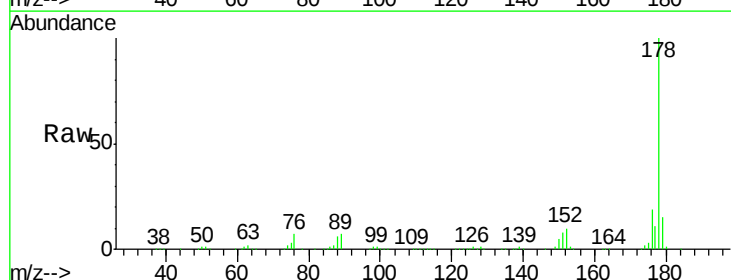
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#70
 Phenanthrene
 Concen: 22.94 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.2	13.0	19.4





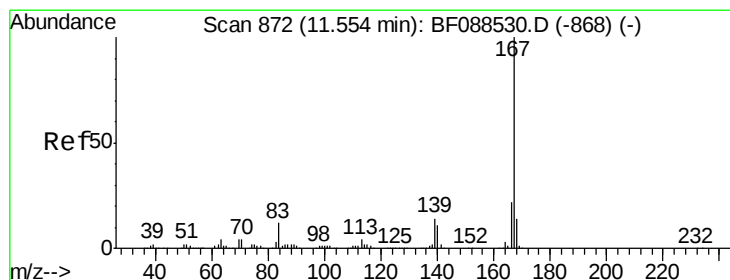
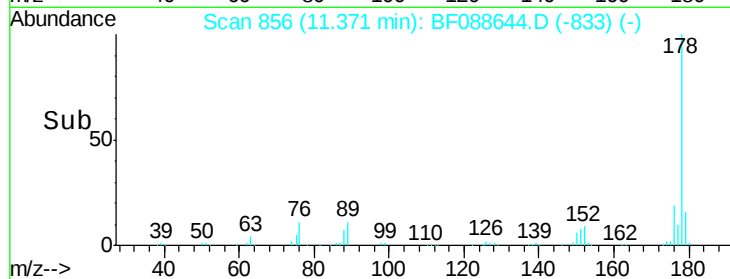
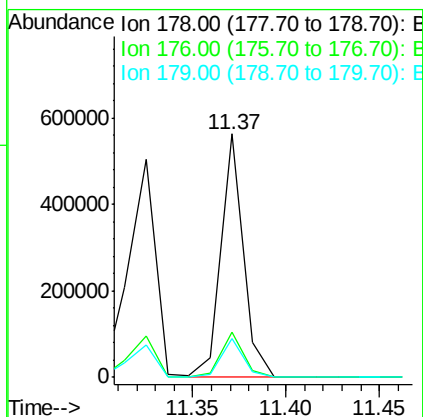
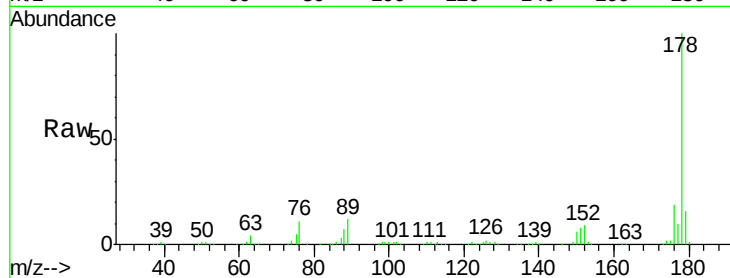
#71
 Anthracene
 Concen: 21.97 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.8	15.6	23.4	
179	15.7	12.8	19.2	

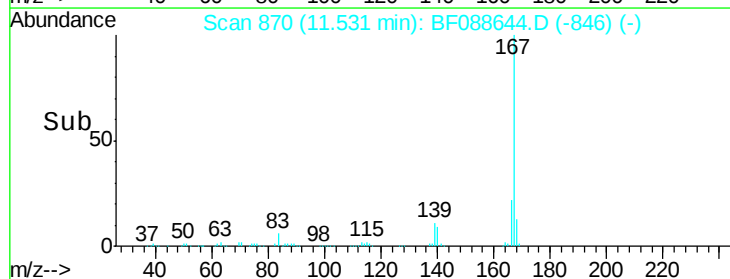
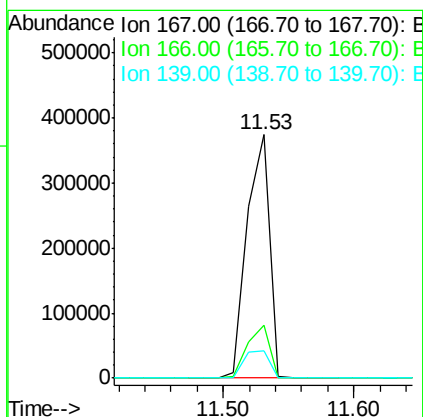
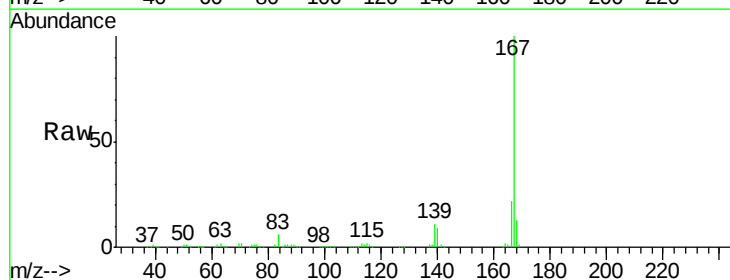
Manual Integrations

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#72
 Carbazole
 Concen: 21.92 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.9	17.8	26.6	
139	11.4	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 23.04 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

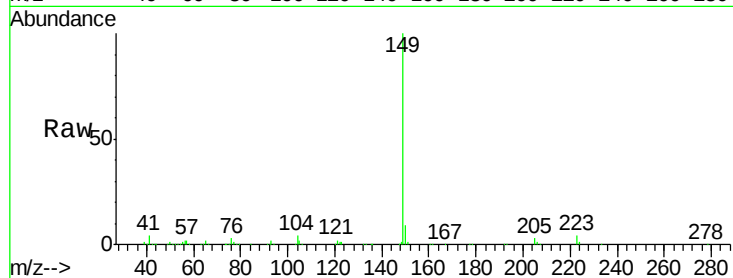
ClientSampleID :

PB91807BS

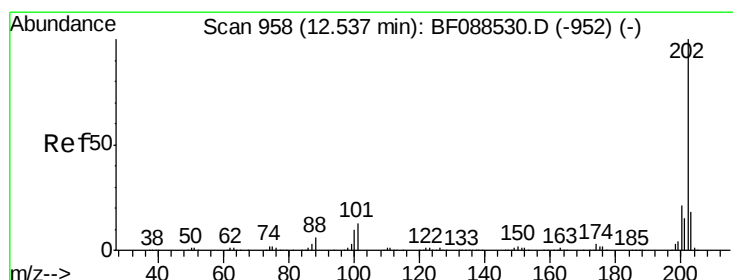
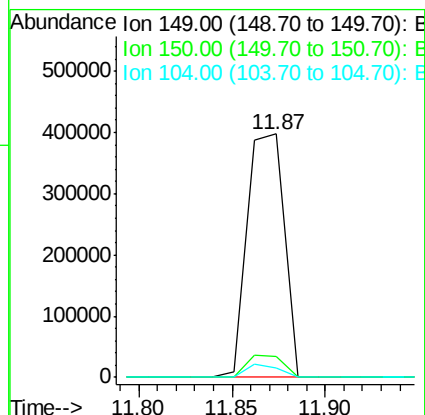
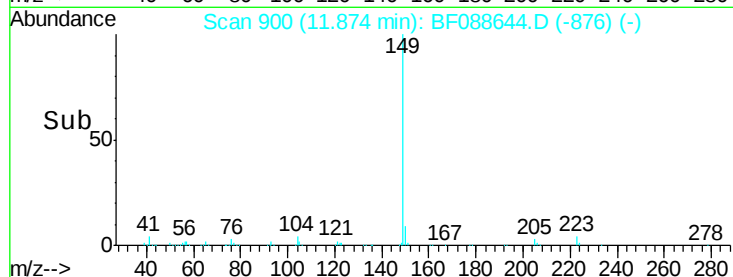
Manual Integrations

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Tot Ion:	149	Resp:	545169
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.8	11.6
104	3.9	4.0	6.0



#74

Fluoranthene

Concen: 21.85 ng

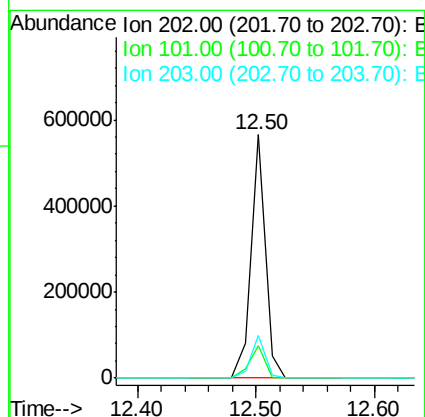
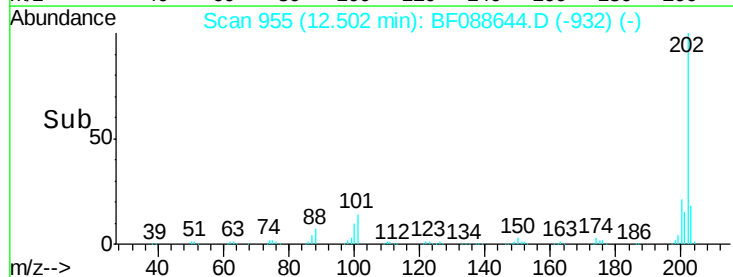
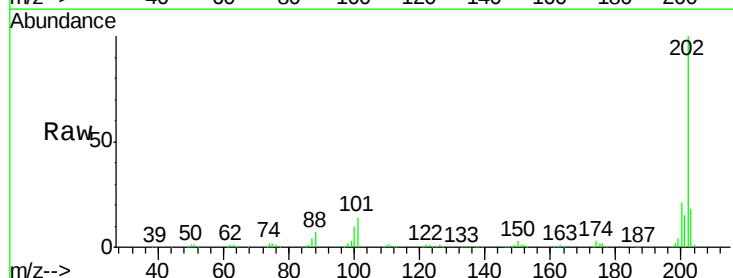
RT: 12.50 min Scan# 955

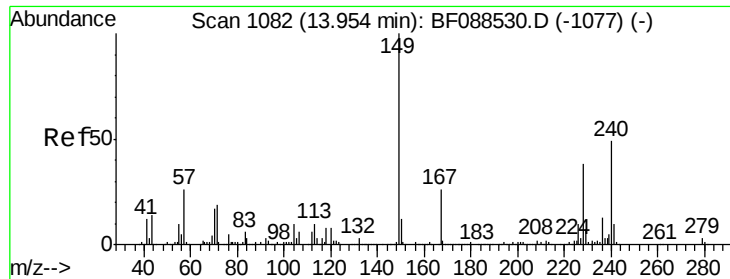
Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Tgt Ion:	202	Resp:	481321
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	33.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tot Ion:240 Resp: 297839

Ion Ratio Lower Upper

240 100

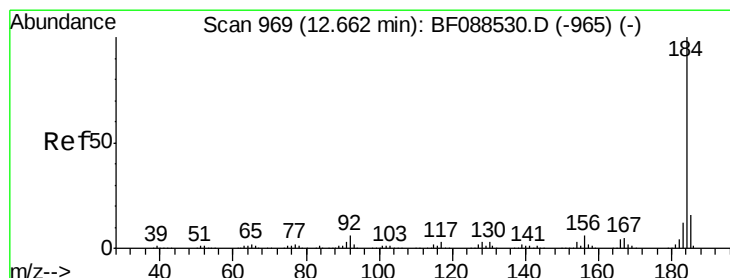
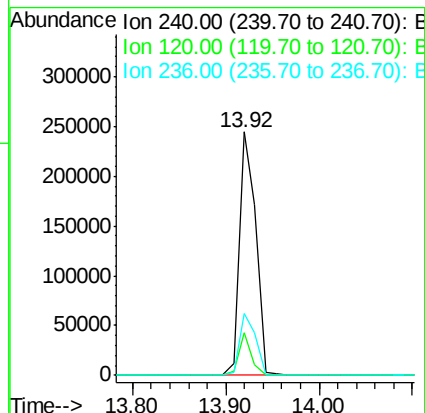
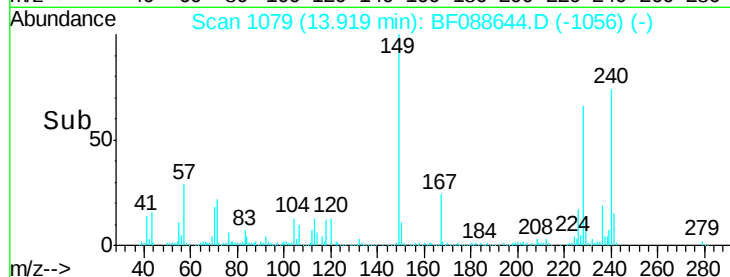
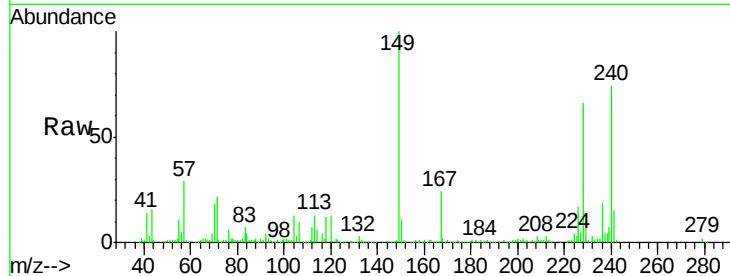
120 17.7 6.8 10.2#

236 25.5 20.2 30.2

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#76

Benzidine

Concen: 14.50 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

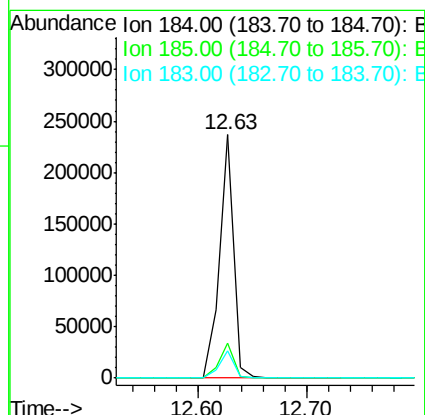
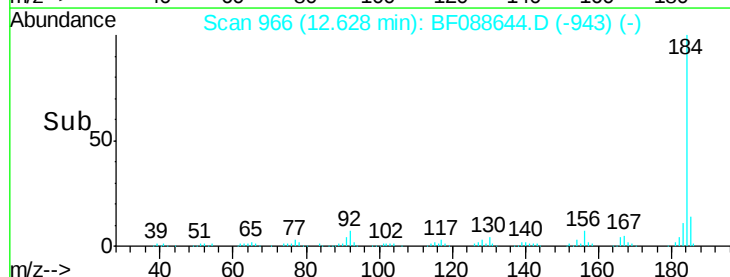
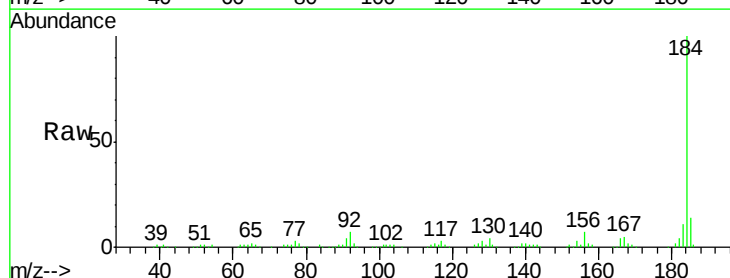
Tgt Ion:184 Resp: 218360

Ion Ratio Lower Upper

184 100

185 14.1 12.5 18.7

183 11.3 9.3 13.9





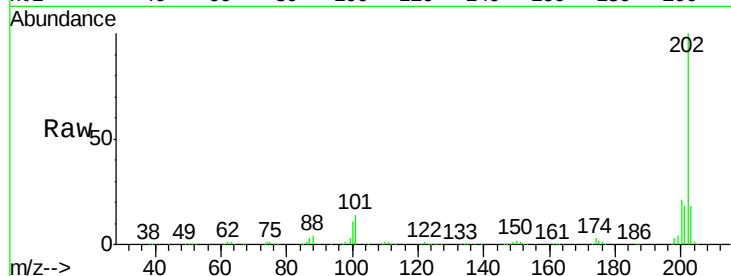
#77
Pvrene
Concen: 20.27 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

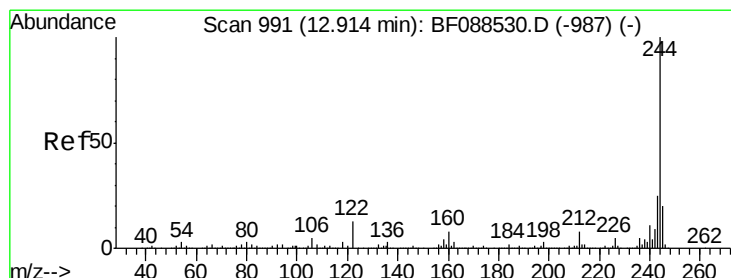
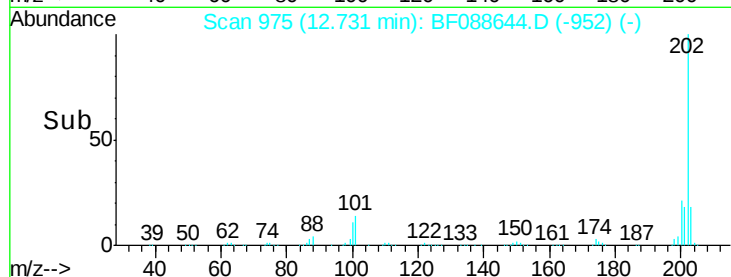
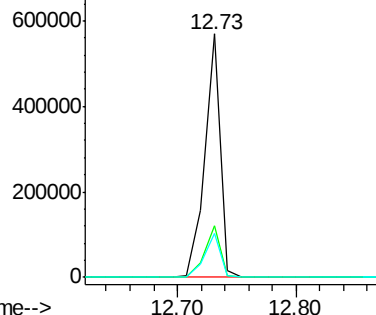
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.9	14.5	21.7

Manual Integrations

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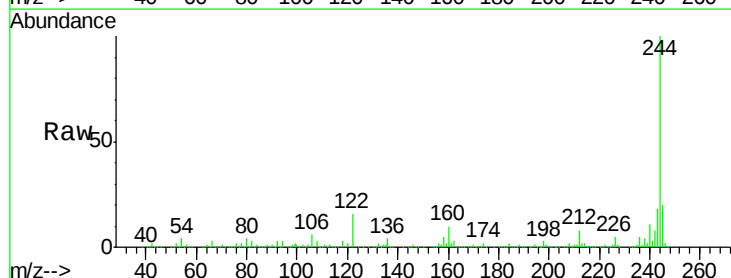


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

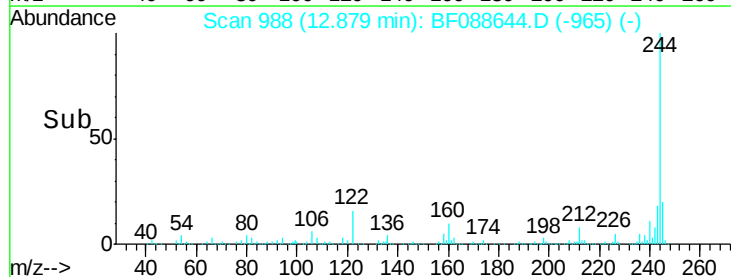
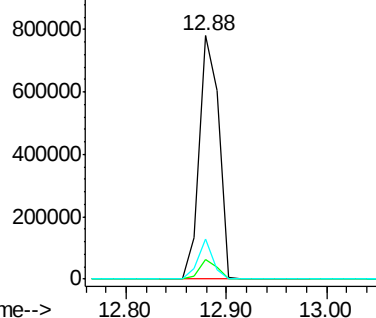


#78
Terphenyl-d14
Concen: 78.40 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	16.3	11.2	16.8



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





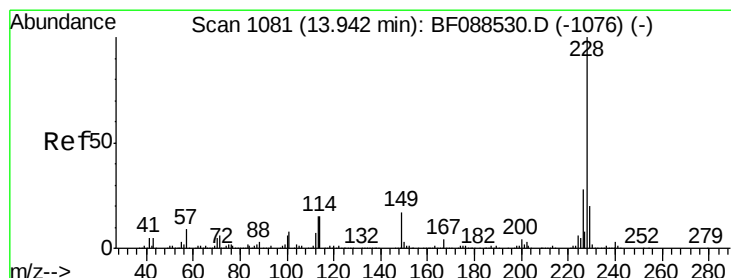
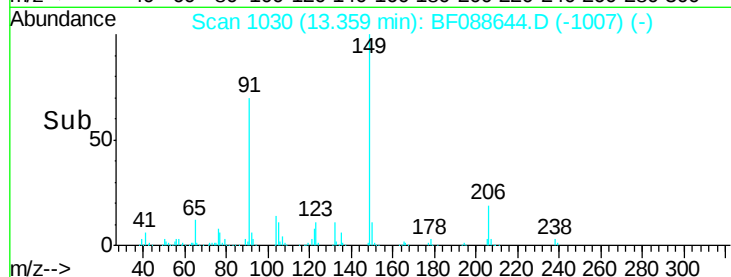
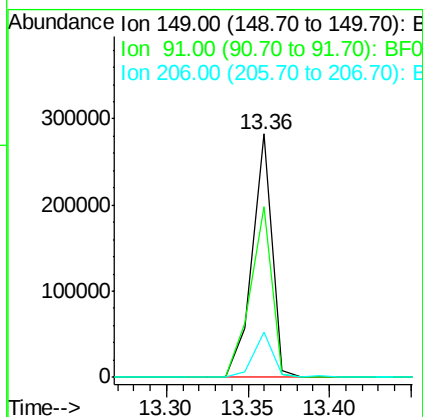
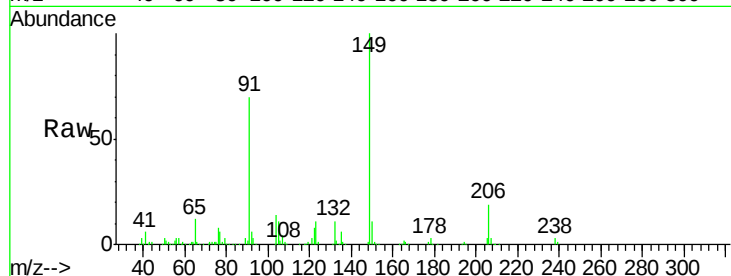
#79
Butylbenzylphthalate
Concen: 21.21 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	48.0	72.0
206	18.8	16.0	24.0

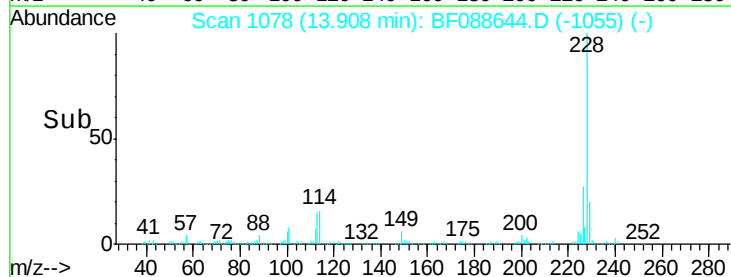
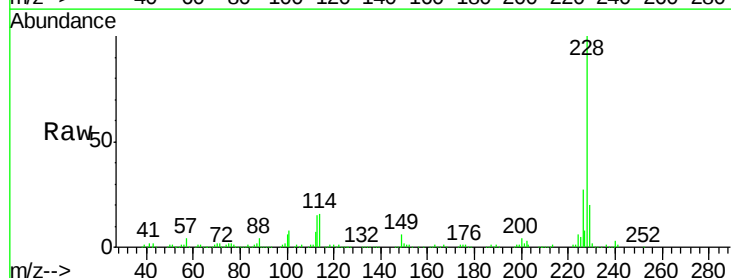
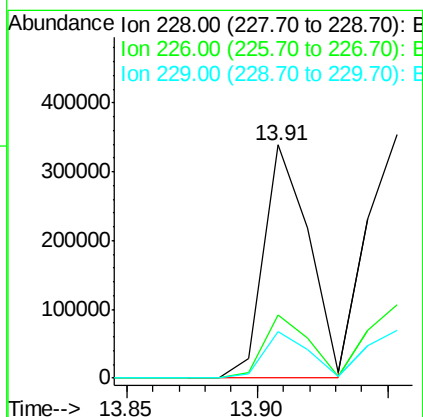
Manual Integrations

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#80
Benzo(a)anthracene
Concen: 21.25 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.8	16.0	24.0





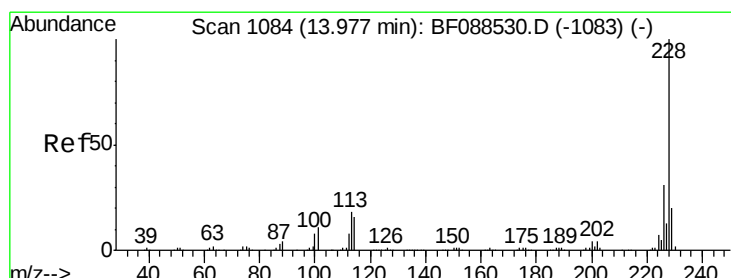
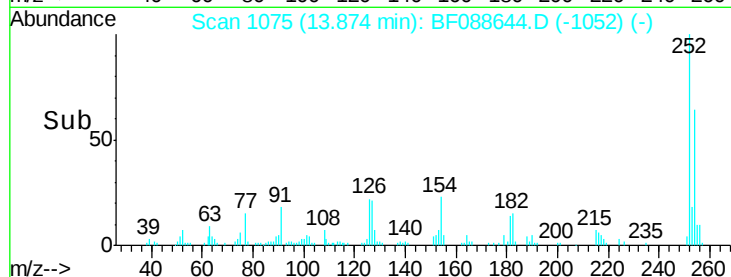
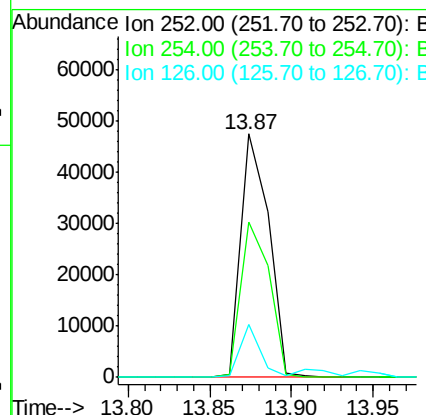
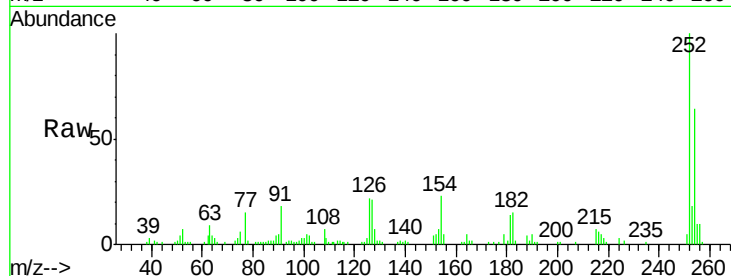
#81
 3,3'-Dichlorobenzidine
 Concen: 7.75 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.6	78.8
126	22.0	6.2	9.2

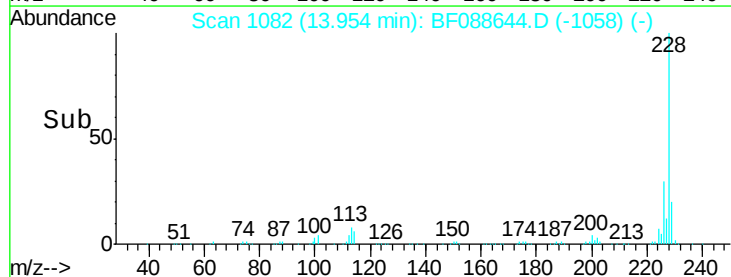
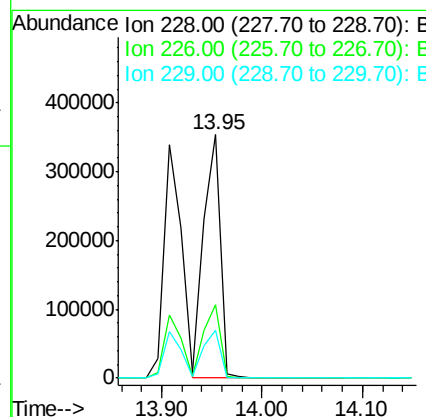
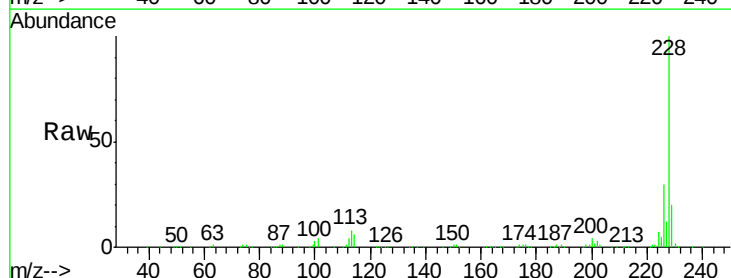
Manual Integrations

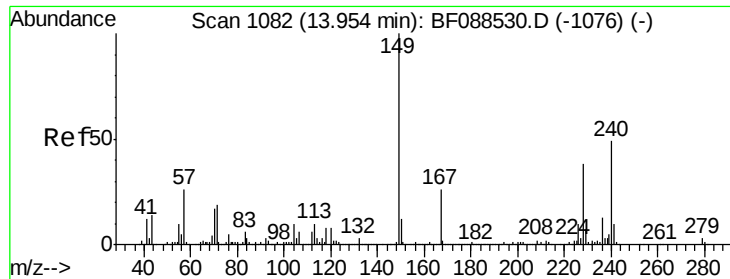
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#82
 Chrysene
 Concen: 21.65 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.2
229	19.5	16.3	24.5





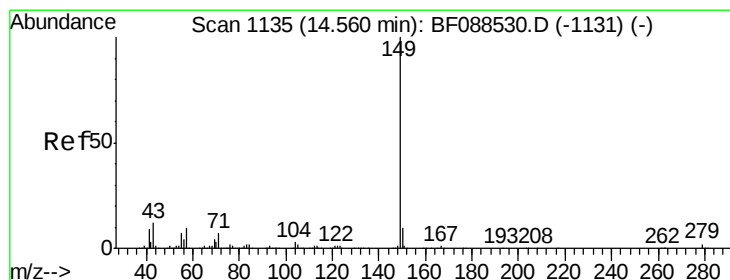
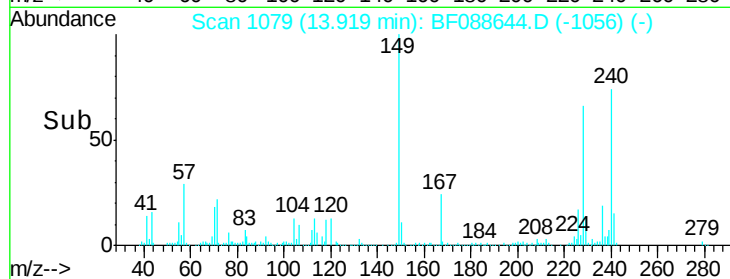
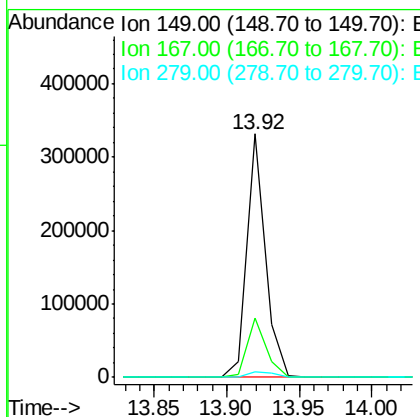
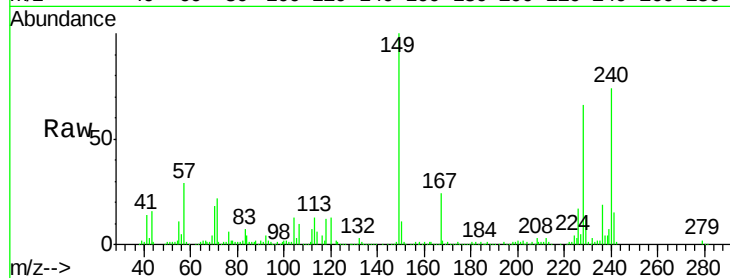
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.82 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tot Ion:	149	Resp:	293530
Ion Ratio	Lower	Upper	
149	100		
167	24.3	20.5	30.7
279	2.3	2.0	3.0

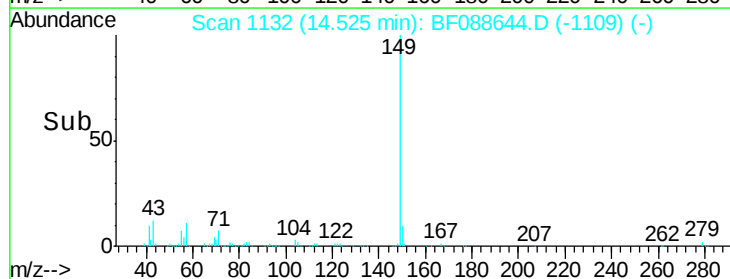
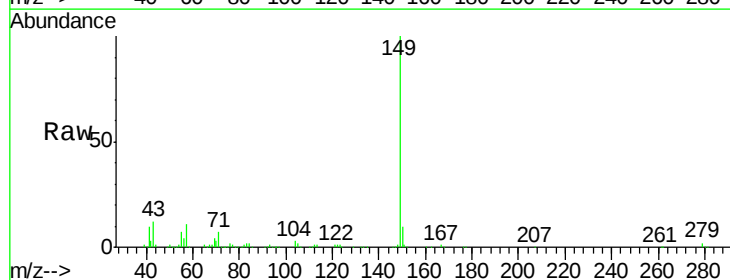
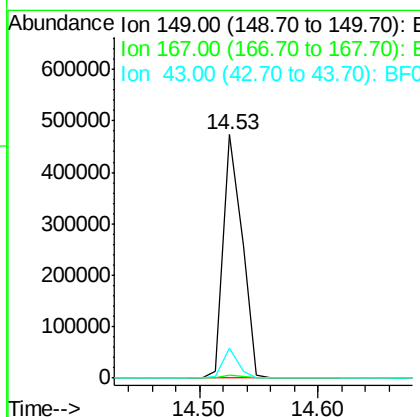
Manual Integrations

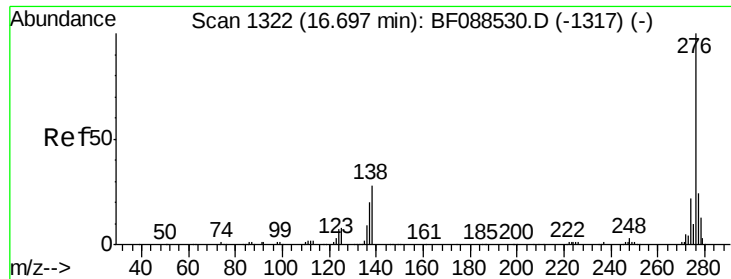
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#84
 Di-n-octyl phthalate
 Concen: 23.57 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Tgt Ion:	149	Resp:	515060
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.9	0.0	0.0#





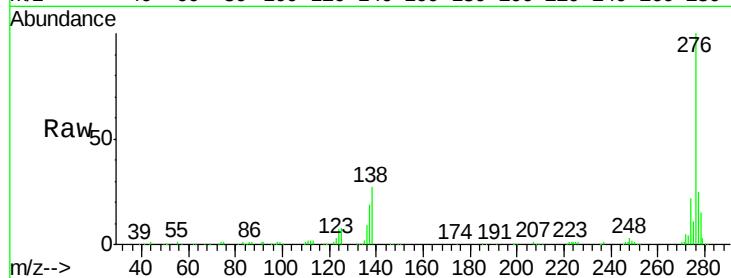
#85
Indeno(1,2,3-cd)pyrene
Concen: 22.92 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.06 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

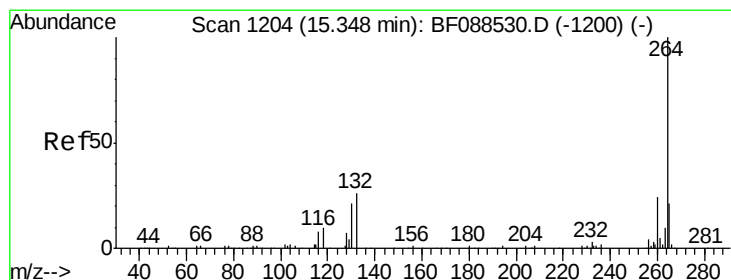
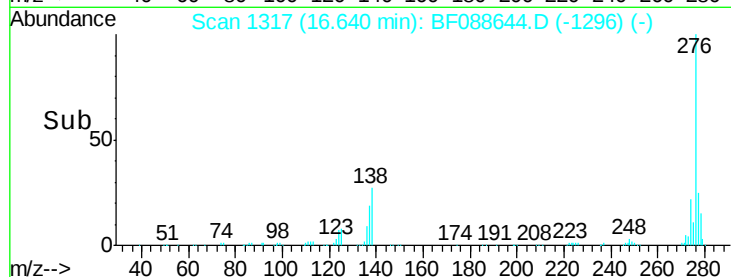
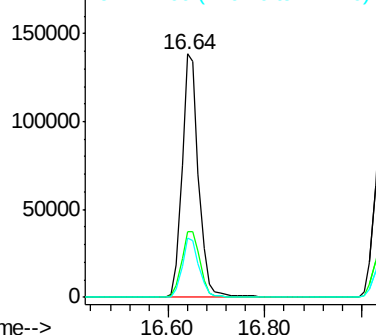
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	24.8	0.0	0.0#

Manual Integrations

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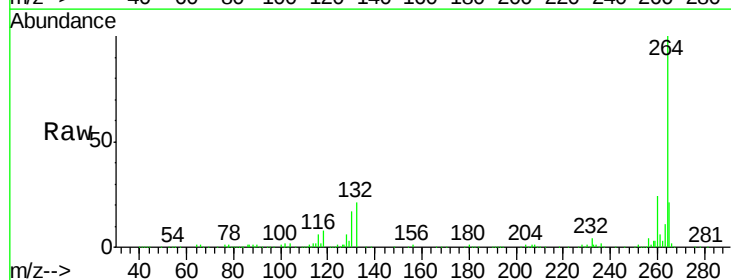


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

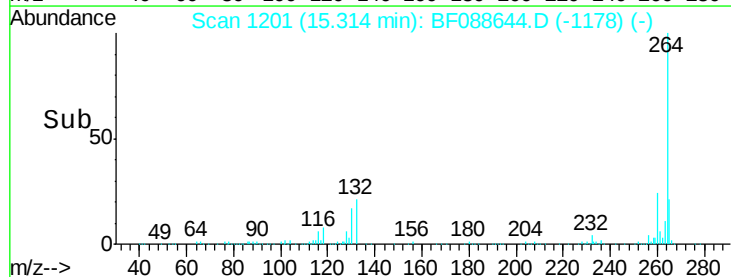
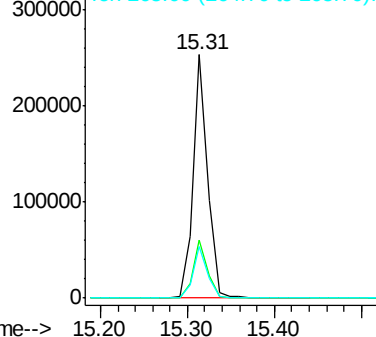


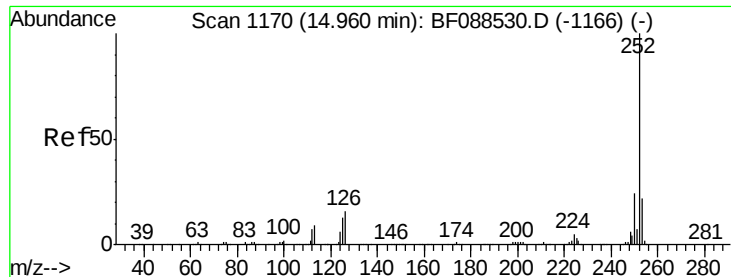
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 21.75 ng m

RT: 14.93 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tot Ion:252 Resp: 404193

Ion Ratio Lower Upper

252 100

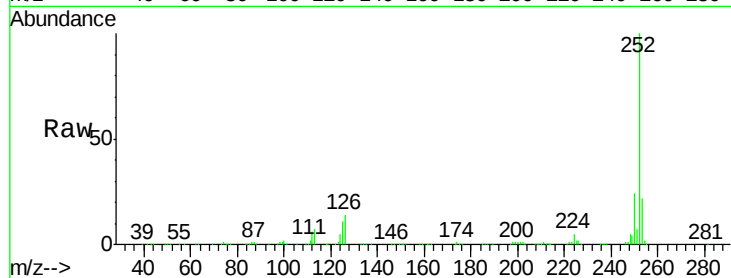
253 21.7 17.4 26.2

125 10.8 7.1 10.7#

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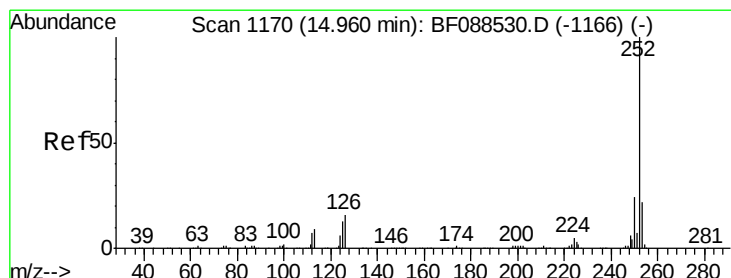
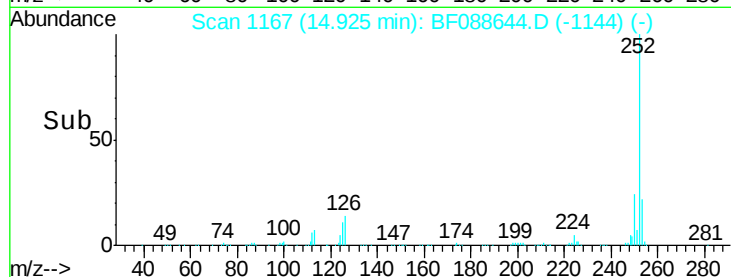
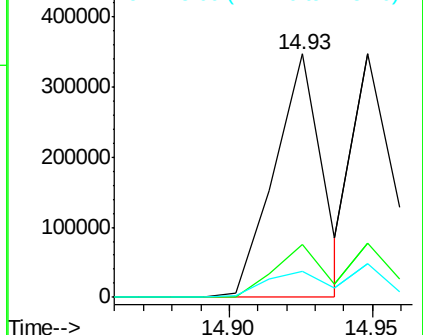
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 20.82 ng m

RT: 14.95 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF088644.D

Acq: 3 Jul 2016 12:39

Tgt Ion:252 Resp: 336855

Ion Ratio Lower Upper

252 100

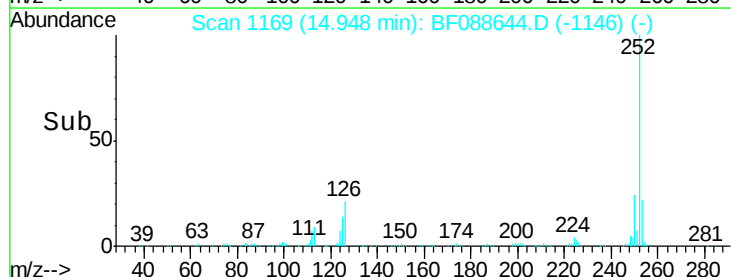
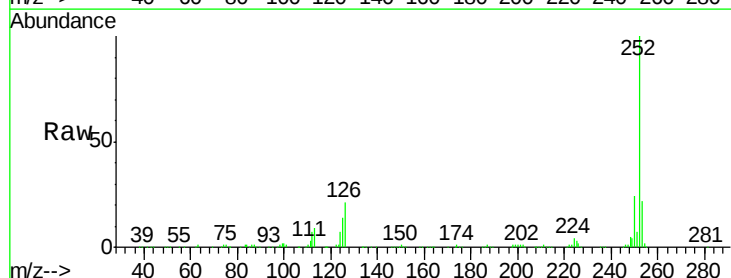
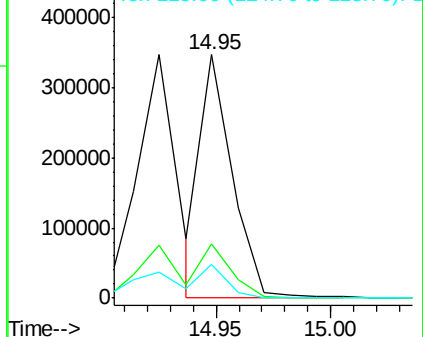
253 22.2 18.0 27.0

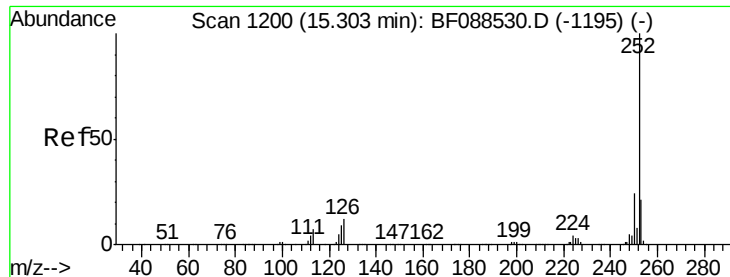
125 14.1 11.2 16.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





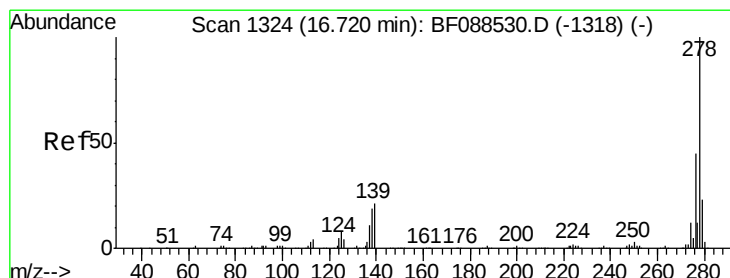
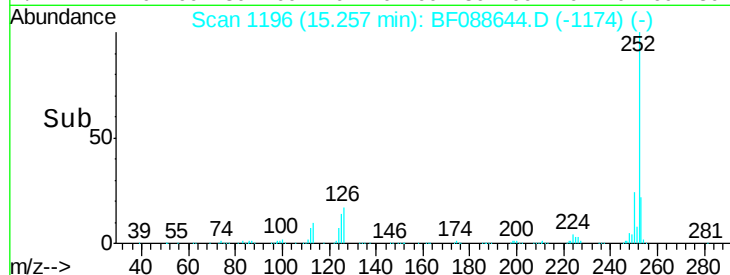
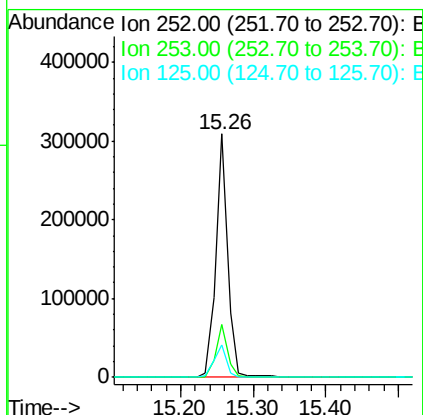
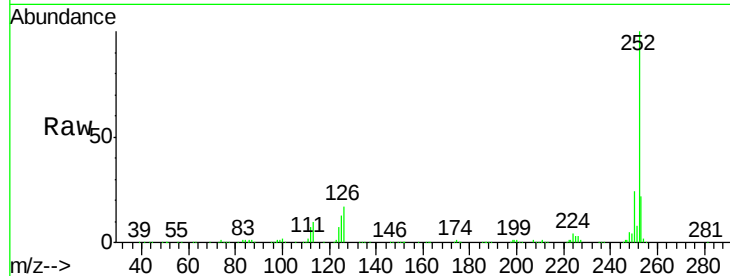
#89
Benzo(a)pyrene
Concen: 22.47 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.9	17.9	26.9	
125	13.5	12.5	18.7	

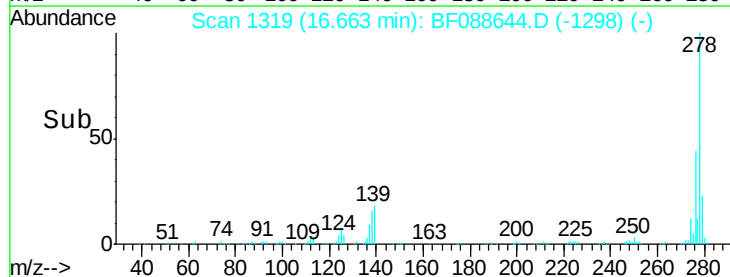
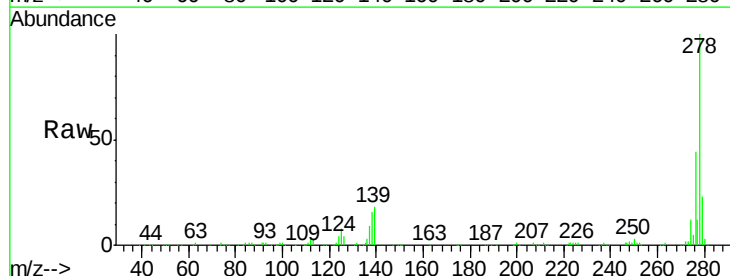
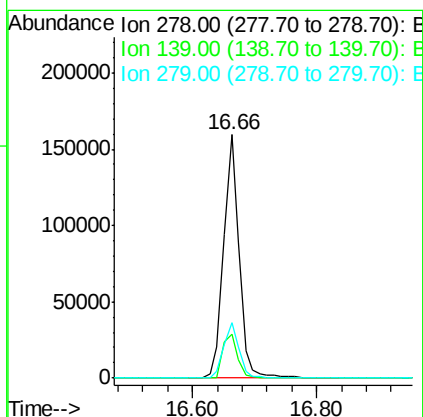
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#90
Dibenzo(a,h)anthracene
Concen: 21.10 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF088644.D
Acq: 3 Jul 2016 12:39

Tgt Ion	Ion	Ratio	Lower	Upper
278	100			
139	18.3	15.7	23.5	
279	23.0	19.4	29.2	





#91
 Benzo(a,h,i)perylene
 Concen: 19.85 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. -0.06 min
 Lab File: BF088644.D
 Acq: 3 Jul 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tot Ion:	276	Resp:	269879
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.9	28.3
138	22.2	21.4	32.2

Manual Integrations

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