

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088742.D
 Acq On : 6 Jul 2016 19:03
 Operator : UM/SJ
 Sample : H3808-25MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Manual Integrations

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 7/7/2016 6:07:58 PM

Quant Time: Jul 07 01:23:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	81819	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	334983	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	159206	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	308026	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	253657	20.00	ng	-0.03
86) Perylene-d12	15.26	264	202116	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	631481	115.67	ng	-0.02
7) Phenol-d6	6.40	99	861858	122.18	ng	-0.01
23) Nitrobenzene-d5	7.31	82	516656	80.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	197246	133.42	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	1009360	100.14	ng	-0.02
78) Terphenyl-d14	12.85	244	874737	76.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	80163	29.62	ng	# 33
3) Pyridine	3.03	79	124496	15.85	ng	94
4) n-Nitrosodimethylamine	2.96	42	63894	21.29	ng	88
6) Aniline	6.41	93	104233	10.14	ng	# 1
8) 2-Chlorophenol	6.54	128	165529	28.21	ng	93
9) Benzaldehyde	6.28	77	102310	21.41	ng	# 81
10) Phenol	6.41	94	236870	29.42	ng	85
11) bis(2-Chloroethyl)ether	6.49	93	191075	31.83	ng	85
12) 1,3-Dichlorobenzene	6.68	146	147949	22.91	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	156460	24.41	ng	95
14) 1,2-Dichlorobenzene	6.92	146	154173	25.70	ng	96
15) Benzyl Alcohol	6.90	79	154662	29.79	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	184442	21.21	ng	89
17) 2-Methylphenol	7.02	107	133647	27.92	ng	98
18) Hexachloroethane	7.27	117	64119	25.87	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	122546	25.86	ng	# 83
20) 3+4-Methylphenols	7.16	107	164291	28.60	ng	# 60
22) Acetophenone	7.16	105	231066	28.42	ng	# 91
24) Nitrobenzene	7.34	77	192966	29.94	ng	91
25) Isophorone	7.58	82	303557	25.64	ng	95
26) 2-Nitrophenol	7.66	139	86225	32.63	ng	# 82
27) 2,4-Dimethylphenol	7.70	122	131961	23.97	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	212370	27.56	ng	# 96
29) 2,4-Dichlorophenol	7.90	162	135386	30.43	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	132054	27.05	ng	99
31) Naphthalene	8.06	128	462325	28.00	ng	99
32) Benzoic acid	7.83	122	10674	2.67	ng	98
33) 4-Chloroaniline	8.10	127	54905m	7.47	ng	
34) Hexachlorobutadiene	8.18	225	75885	29.03	ng	97
35) Caprolactam	8.57	113	36485	24.15	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	164480	31.27	ng	95
37) 2-Methylnaphthalene	8.75	142	294472	27.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	119794	22.62	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	175595	67.56	ng	98

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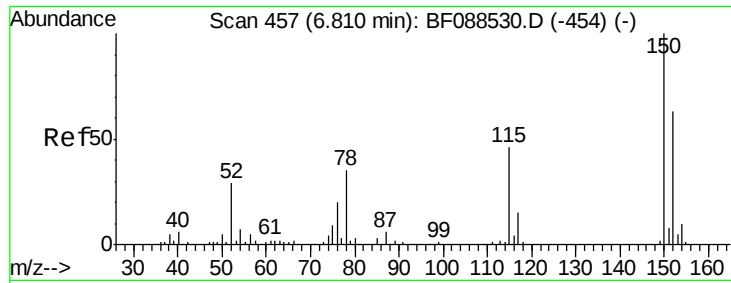
Manual Integrations

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	100665	28.83	nq	97
43) 2,4,5-Trichlorophenol	9.06	196	87974	29.29	nq #	84
45) 1,1'-Biphenyl	9.21	154	365490	27.72	nq	99
46) 2-Chloronaphthalene	9.23	162	284830	27.52	nq	99
47) 2-Nitroaniline	9.32	65	86828	23.64	nq	94
48) Acenaphthylene	9.64	152	447038	27.15	nq	99
49) Dimethylphthalate	9.52	163	497729	43.88	nq	99
50) 2,6-Dinitrotoluene	9.58	165	81756	32.52	nq	92
51) Acenaphthene	9.82	154	262174	25.97	nq	98
52) 3-Nitroaniline	9.74	138	61246	19.17	nq	95
53) 2,4-Dinitrophenol	9.84	184	6848	6.17	nq	88
54) Dibenzofuran	9.99	168	396628	30.02	nq #	88
55) 4-Nitrophenol	9.91	139	153811	63.34	nq	93
56) 2,4-Dinitrotoluene	9.98	165	108938	33.14	nq	91
57) Fluorene	10.33	166	323363	31.76	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	64720	27.85	nq #	52
59) Diethylphthalate	10.22	149	350791	30.82	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	138224	29.22	nq #	87
61) 4-Nitroaniline	10.34	138	72944	23.72	nq	78
62) Azobenzene	10.48	77	384373	29.60	nq	90
64) 4,6-Dinitro-2-methylphenol	10.38	198	15012	9.11	nq	92
65) n-Nitrosodiphenylamine	10.44	169	281544	27.01	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	83165	26.79	nq #	77
67) Hexachlorobenzene	10.88	284	99771	29.04	nq #	79
68) Atrazine	10.99	200	93803	28.88	nq	92
69) Pentachlorophenol	11.07	266	83144	40.89	nq	98
70) Phenanthrene	11.29	178	452856	26.89	nq	98
71) Anthracene	11.34	178	491484	29.36	nq	99
72) Carbazole	11.50	167	443212	28.13	nq	98
73) Di-n-butylphthalate	11.84	149	514619	28.08	nq	99
74) Fluoranthene	12.47	202	510260	29.89	nq	97
76) Benzidine	12.58	184	60649	4.73	nq #	48
77) Pyrene	12.69	202	486129	22.60	nq	100
79) Butylbenzylphthalate	13.31	149	327724	34.16	nq #	69
80) Benzo(a)anthracene	13.87	228	429757	26.31	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	83472	13.59	nq #	98
82) Chrysene	13.91	228	353401	21.87	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	603096	55.06	nq #	99
84) Di-n-octyl phthalate	14.49	149	673049	36.17	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.57	276	279848	22.51	nq #	100
87) Benzo(b)fluoranthene	14.88	252	343485m	27.09	nq	
88) Benzo(k)fluoranthene	14.90	252	315122m	28.55	nq	
89) Benzo(a)pyrene	15.21	252	307968	28.69	nq #	94
90) Dibenzo(a,h)anthracene	16.58	278	231683	25.85	nq	99
91) Benzo(g,h,i)perylene	16.96	276	230867	24.89	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

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ClientSampleId :

SB-13-COMPMSD

Tot Ion:152 Resp: 81819

Ion Ratio Lower Upper

152 100

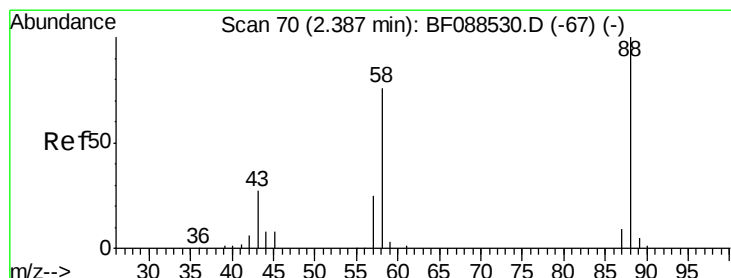
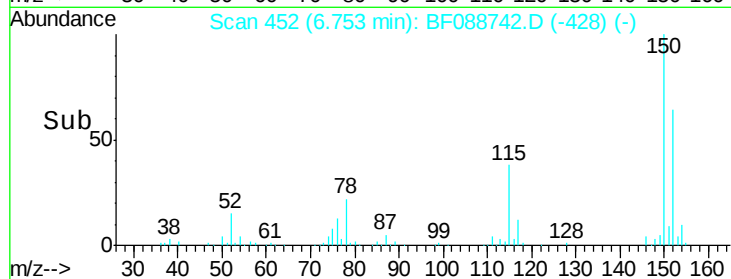
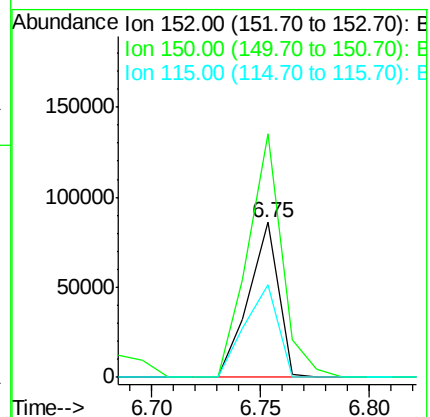
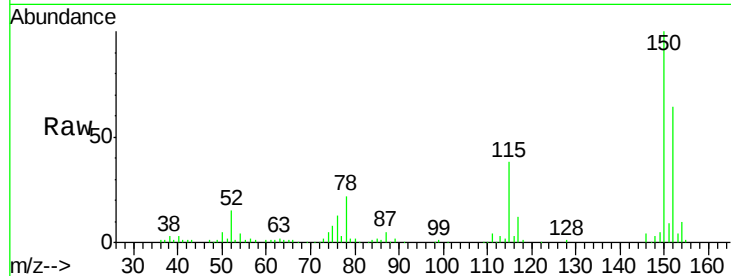
150 157.4 123.8 185.6

115 59.9 39.6 59.4#

Manual Integrations

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#2

1,4-Dioxane

Concen: 29.62 ng

RT: 2.34 min Scan# 66

Delta R.T. 0.01 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

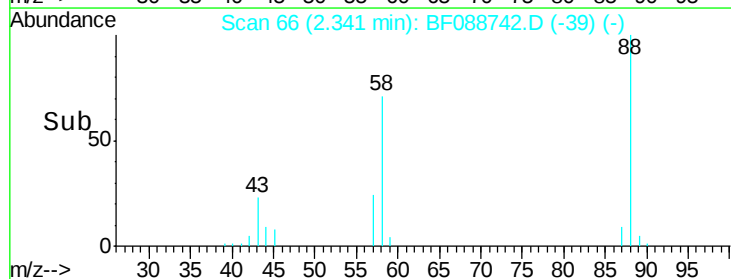
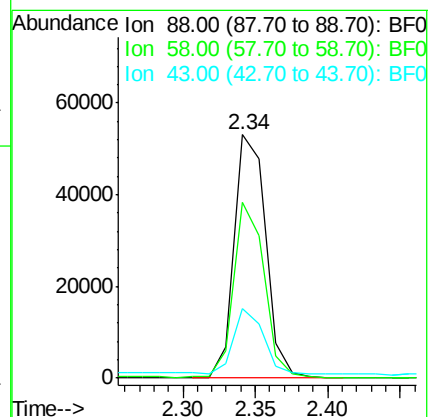
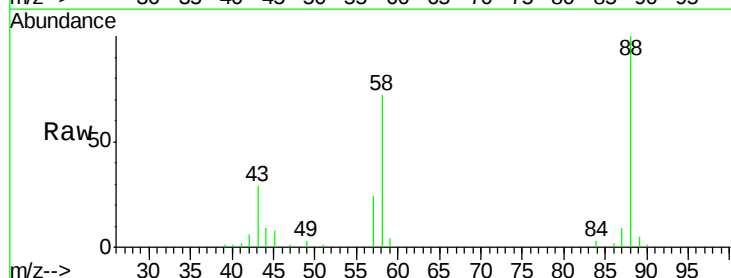
Tgt Ion: 88 Resp: 80163

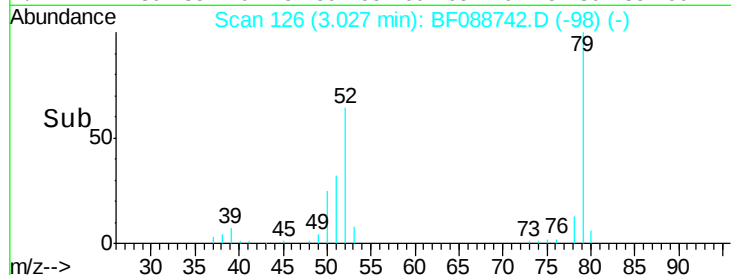
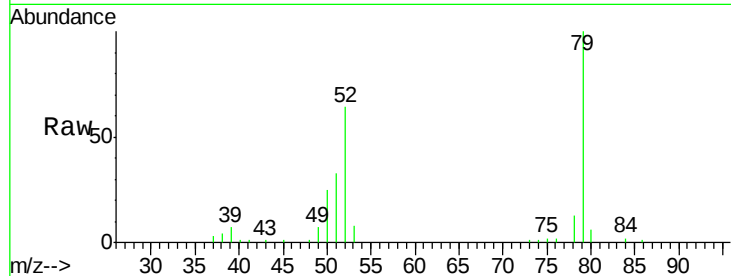
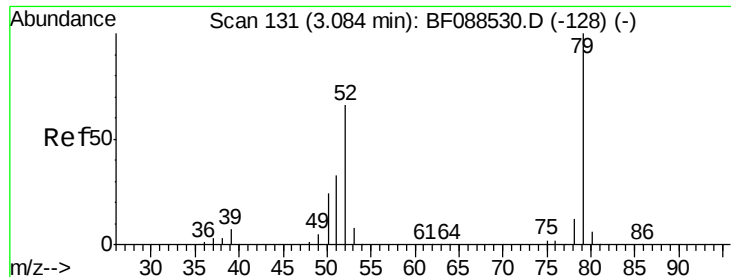
Ion Ratio Lower Upper

88 100

58 70.0 0.0 0.0#

43 26.3 3.4 5.2#





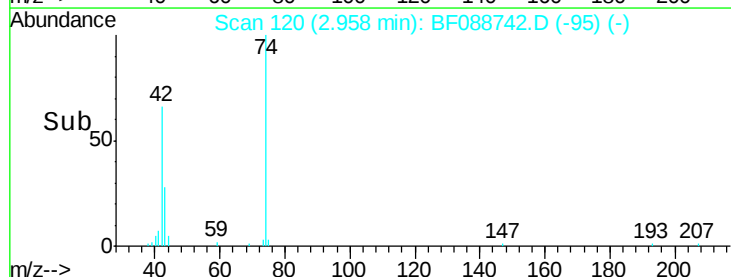
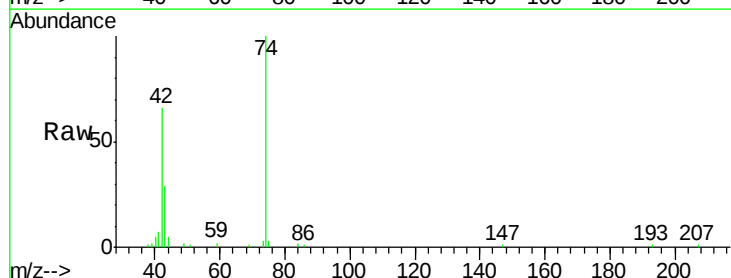
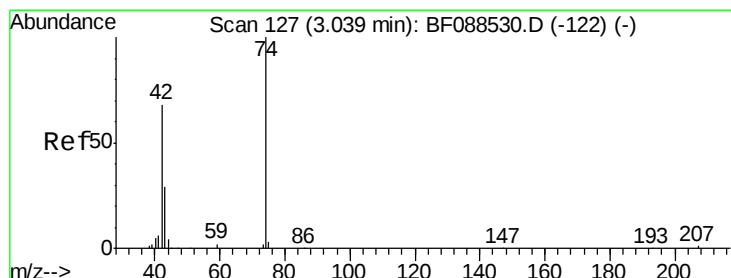
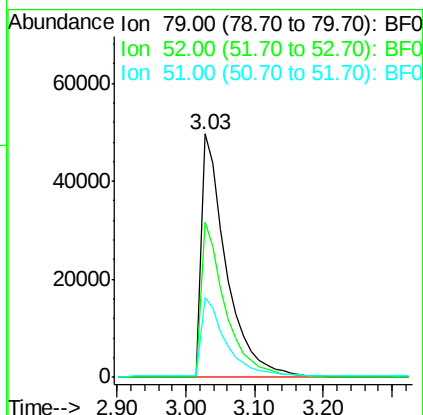
#3
 Pvridine
 Concen: 15.85 ng
 RT: 3.03 min Scan# 126
 Delta R.T. 0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tot Ion:	79	Resp:	124496
Ion	Ratio	Lower	Upper
79	100		
52	63.7	56.3	84.5
51	32.9	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

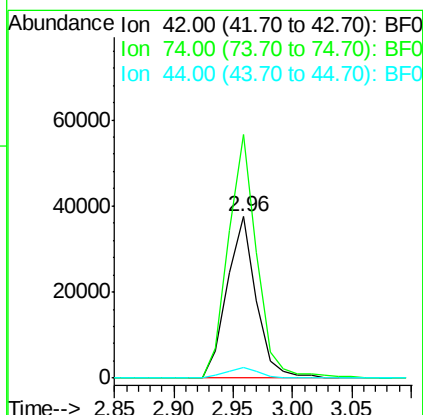
Manual Integrations

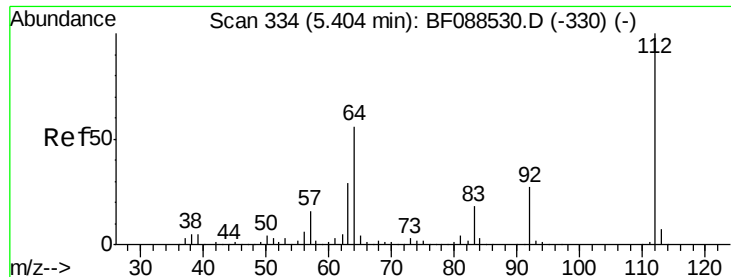
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#4
 n-Nitrosodimethylamine
 Concen: 21.29 ng
 RT: 2.96 min Scan# 120
 Delta R.T. -0.01 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion:	42	Resp:	63894
Ion	Ratio	Lower	Upper
42	100		
74	150.8	108.6	163.0
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 115.67 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.02 min

Lab File: BF088742.D

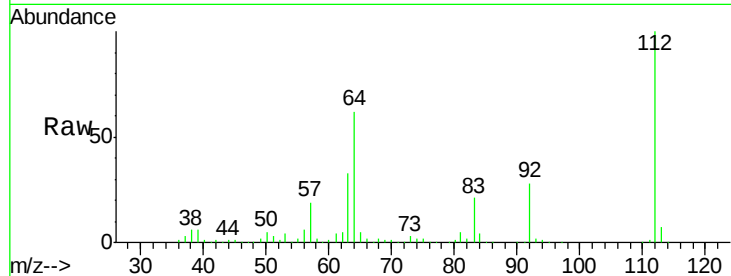
Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

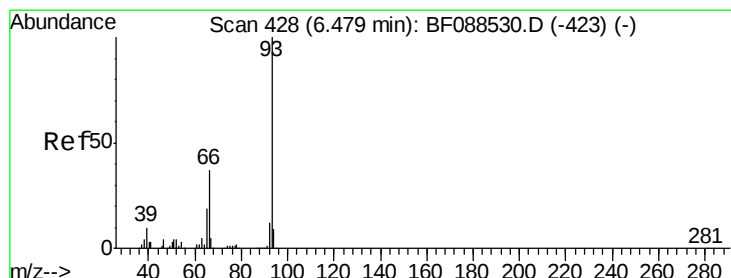
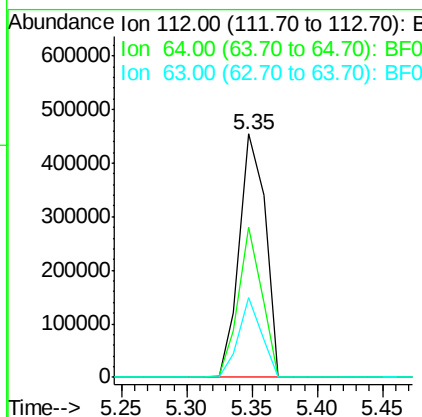
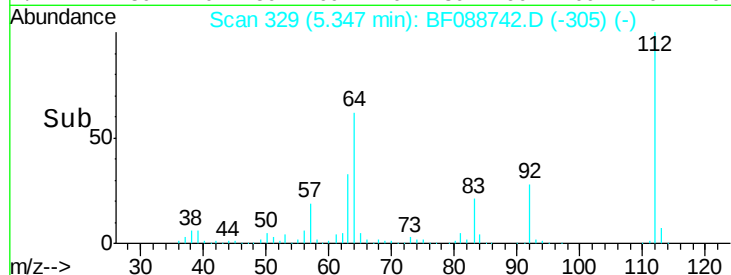


Tot Ion:	112	Resp:	631481
Ion Ratio	Lower	Upper	
112	100		
64	61.6	42.2	63.2
63	32.6	21.8	32.8

Manual Integrations

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#6

Aniline

Concen: 10.14 ng

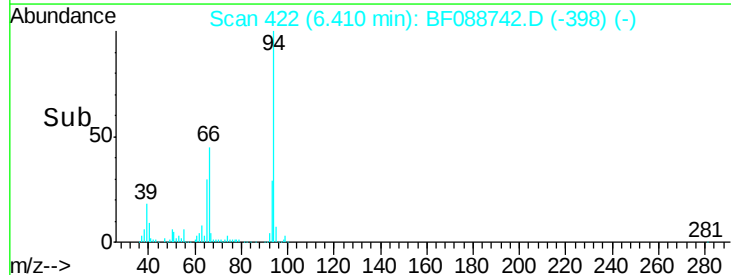
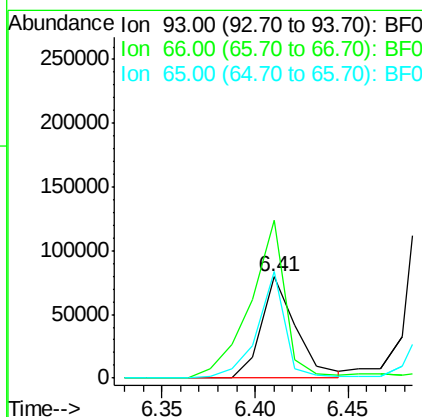
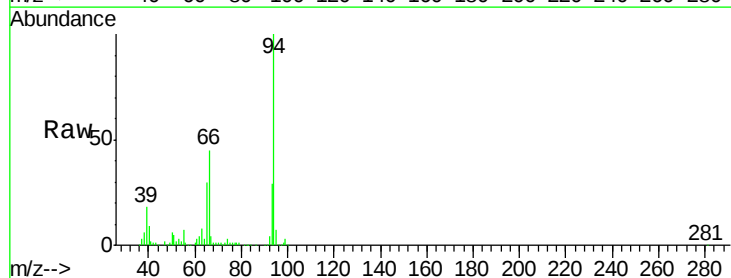
RT: 6.41 min Scan# 422

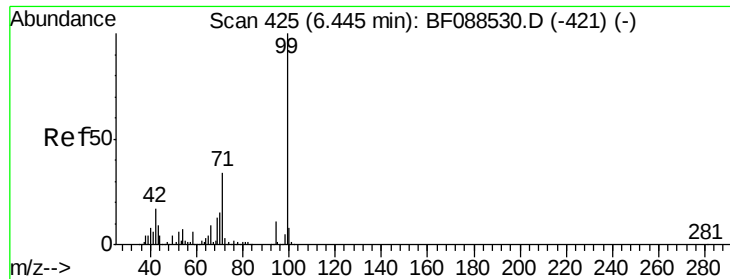
Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Tgt Ion:	93	Resp:	104233
Ion Ratio	Lower	Upper	
93	100		
66	155.8	29.8	44.8#
65	104.9	14.9	22.3#





#7

Phenol-d6

Concen: 122.18 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF088742.D

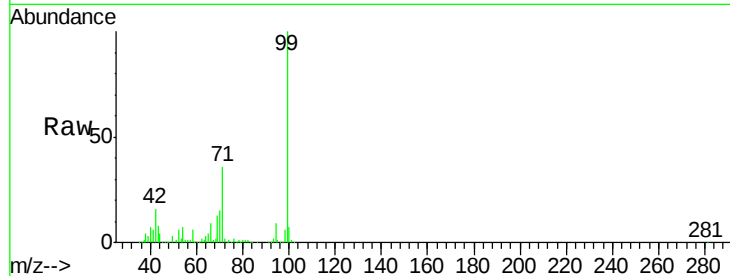
Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

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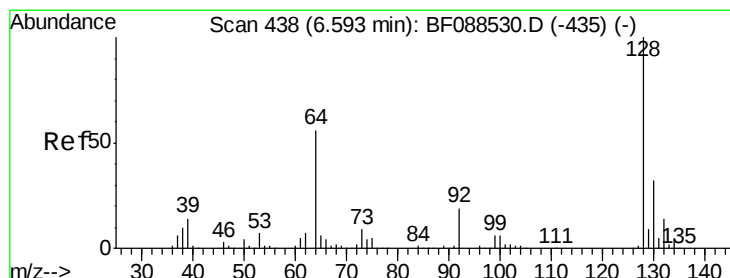
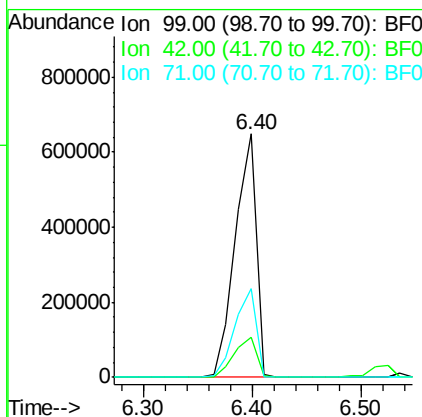
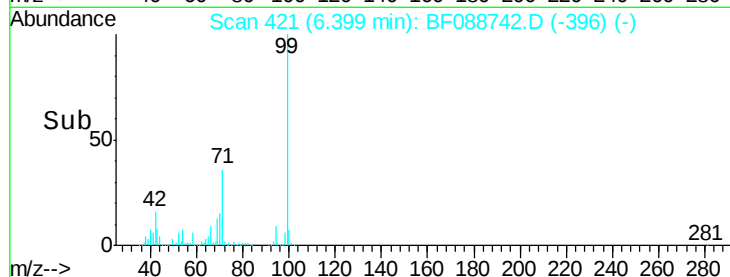


Tot Ion:	99	Resp:	861858
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.2	18.2
71	36.2	23.4	35.0#

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#8

2-Chlorophenol

Concen: 28.21 ng

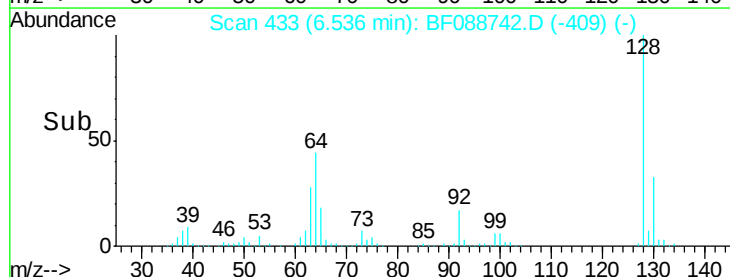
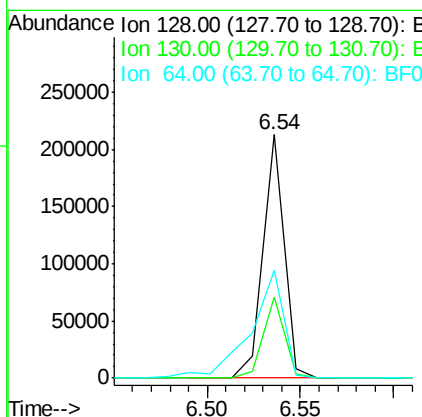
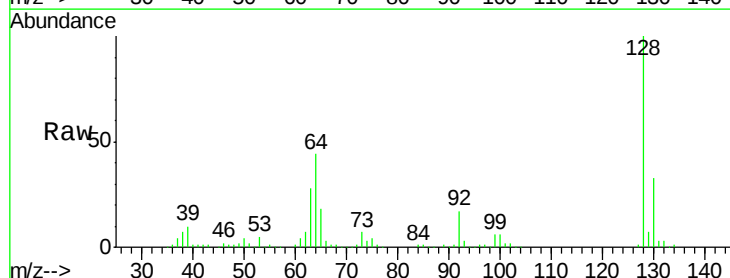
RT: 6.54 min Scan# 433

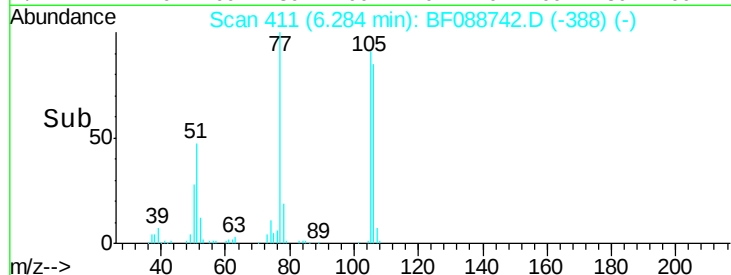
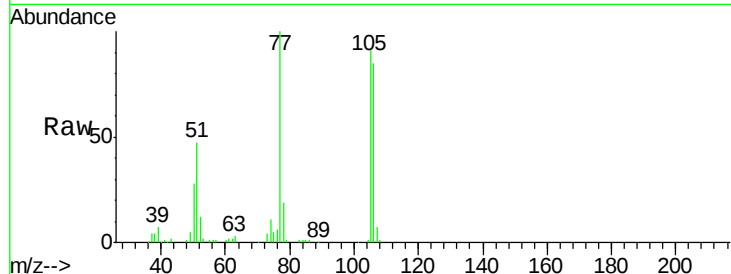
Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Tgt Ion:	128	Resp:	165529
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.0	52.0
64	44.1	30.8	70.8





#9

Benzaldehyde

Concen: 21.41 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Tot Ion:	77	Resp:	102310
Ion	Ratio	Lower	Upper
77	100		
105	90.9	90.6	130.6
106	84.7	85.3	125.3

Instrument :

BNA_F

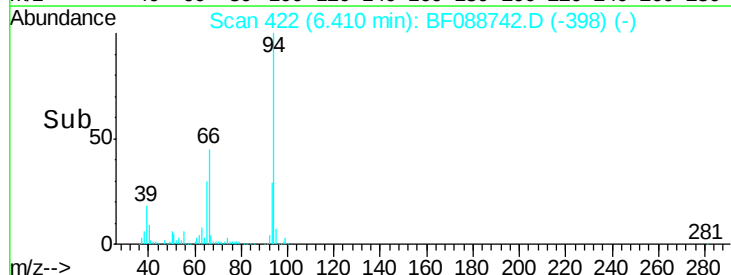
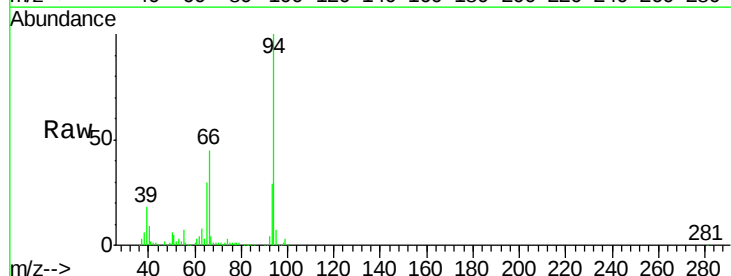
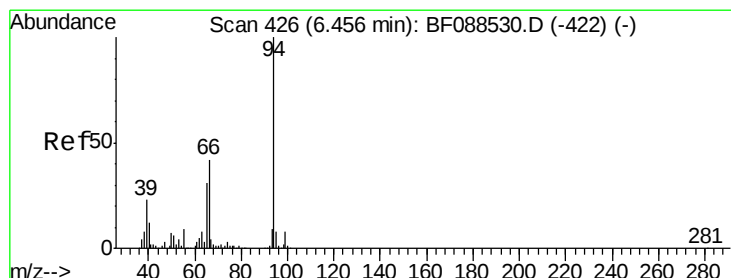
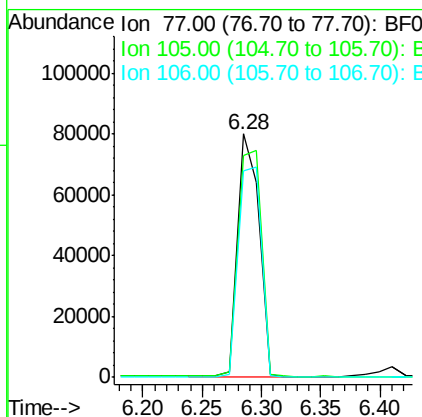
ClientSampleId :

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#10

Phenol

Concen: 29.42 ng

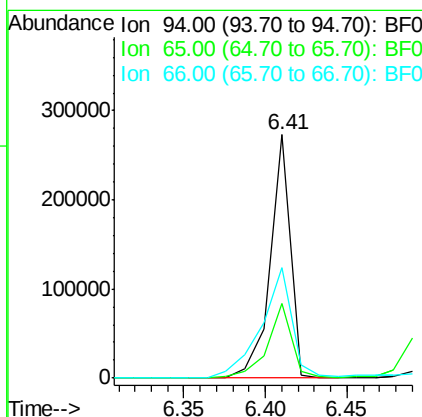
RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Tgt Ion:	94	Resp:	236870
Ion	Ratio	Lower	Upper
94	100		
65	30.5	5.9	45.9
66	45.3	14.0	54.0





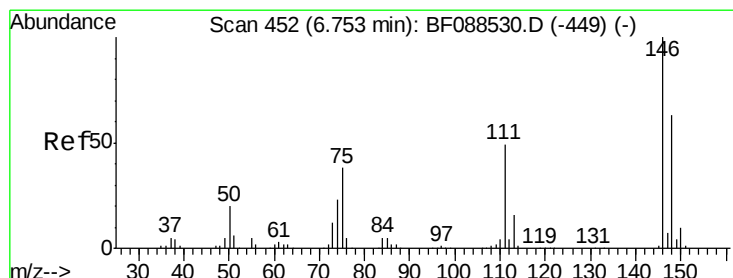
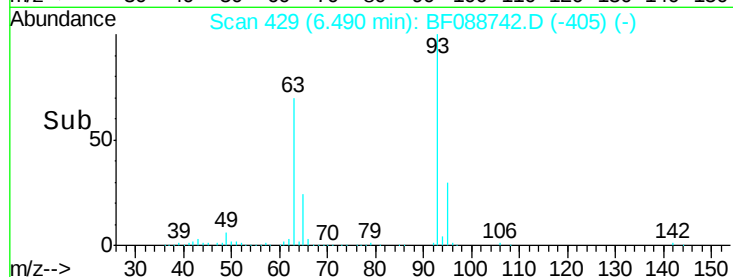
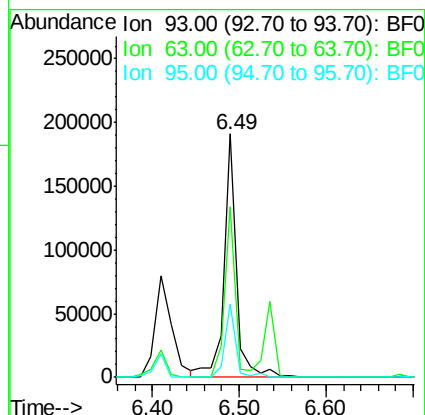
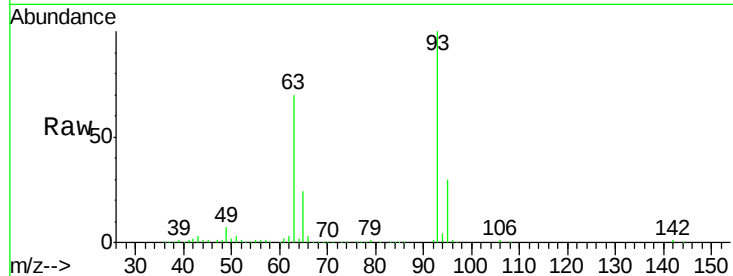
#11
bis(2-Chloroethyl)ether
Concen: 31.83 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		191075		
63	70.1	67.6	107.6		
95	30.0	12.5	52.5		

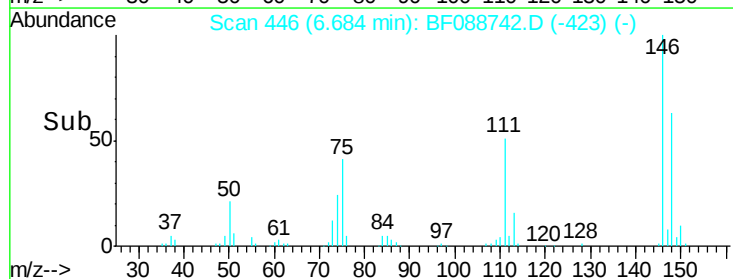
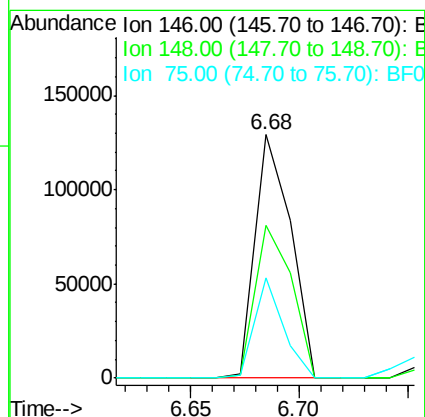
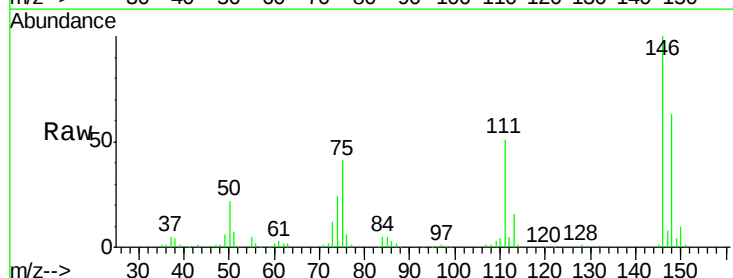
Manual Integrations

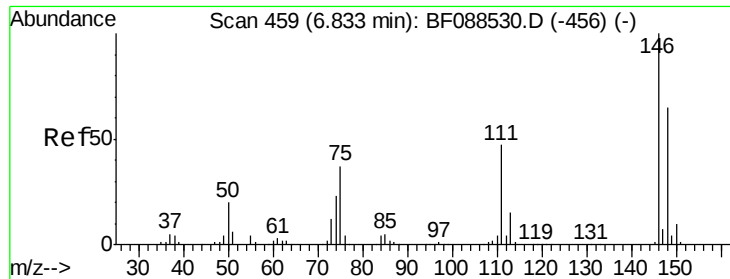
umangi
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#12
1,3-Dichlorobenzene
Concen: 22.91 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		147949		
148	62.7	50.9	76.3		
75	41.4	25.6	38.4		





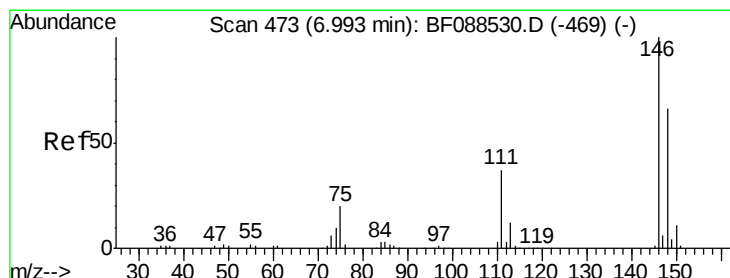
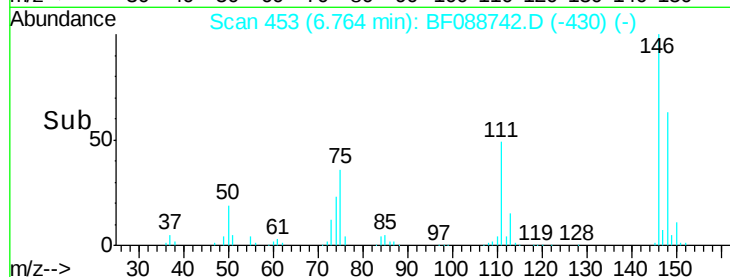
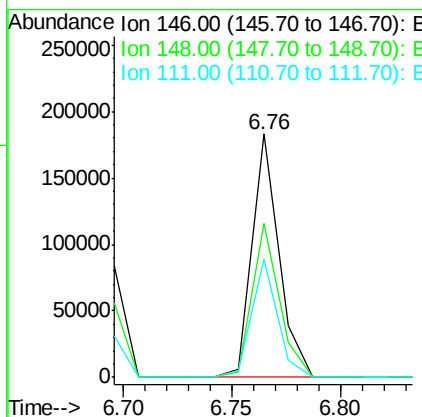
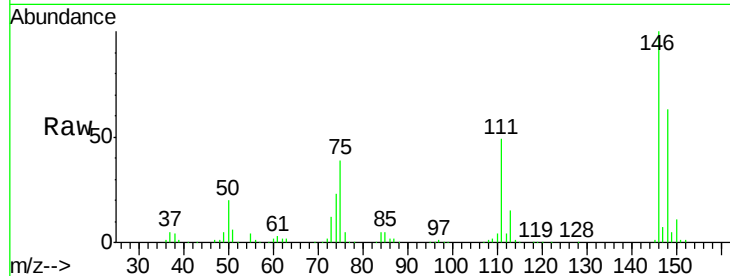
#13
 1,4-Dichlorobenzene
 Concen: 24.41 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.0	78.0
111	48.7	33.8	50.8

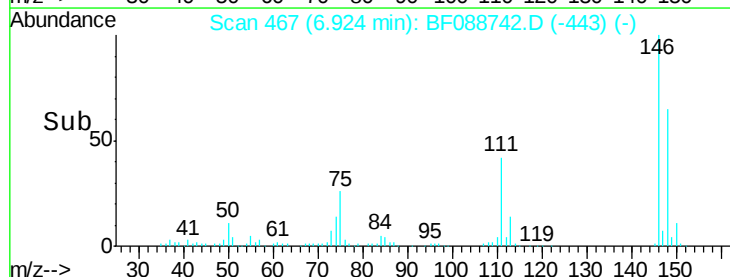
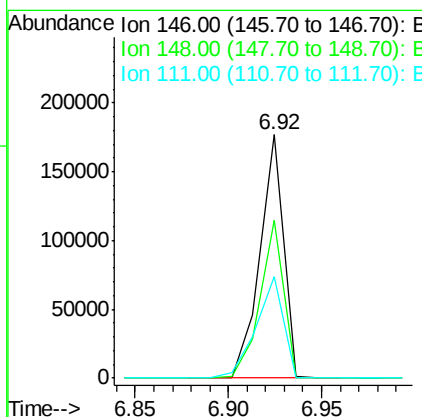
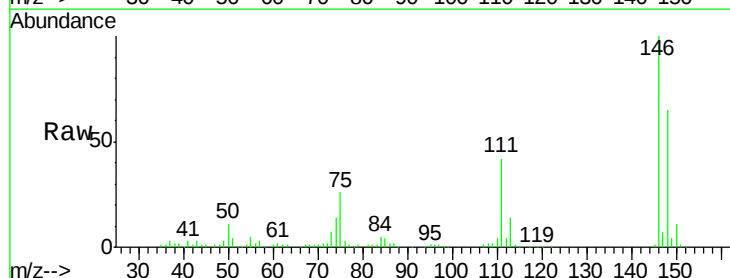
Manual Integrations

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#14
 1,2-Dichlorobenzene
 Concen: 25.70 ng
 RT: 6.92 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.3	78.5
111	41.9	28.7	43.1





#15

Benzyl Alcohol

Concen: 29.79 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion: 79 Resp: 154662

Ion Ratio Lower Upper

79 100

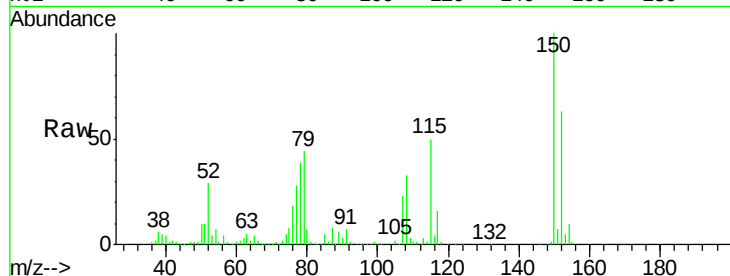
108 74.0 65.0 97.6

77 63.8 50.3 75.5

Manual Integrations

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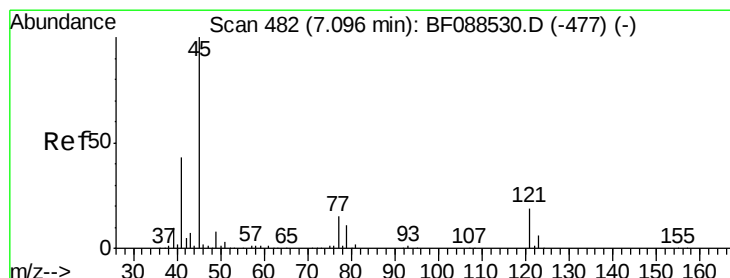
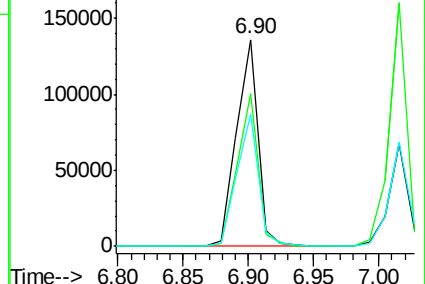
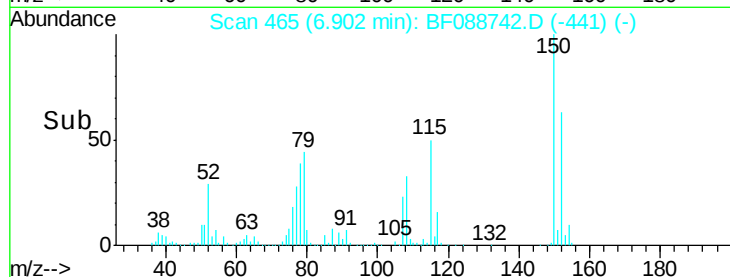
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.21 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

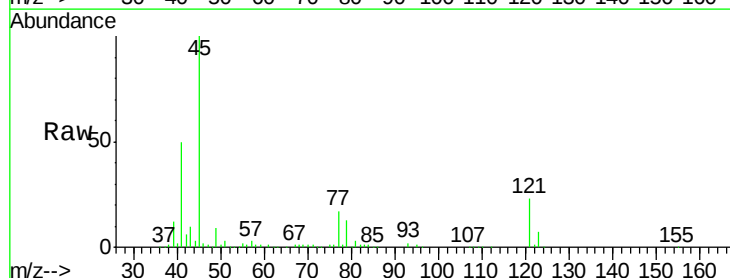
Tgt Ion: 45 Resp: 184442

Ion Ratio Lower Upper

45 100

77 16.6 0.0 32.5

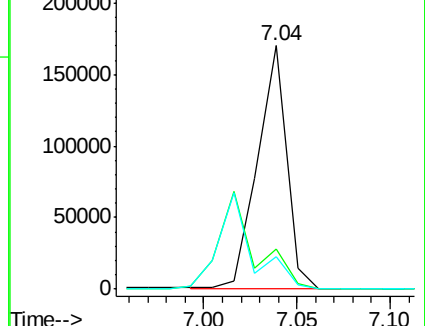
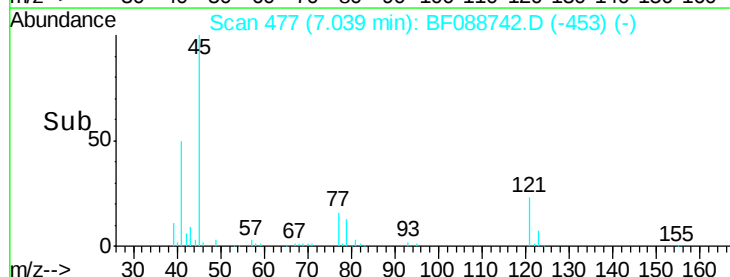
79 13.5 0.0 29.5

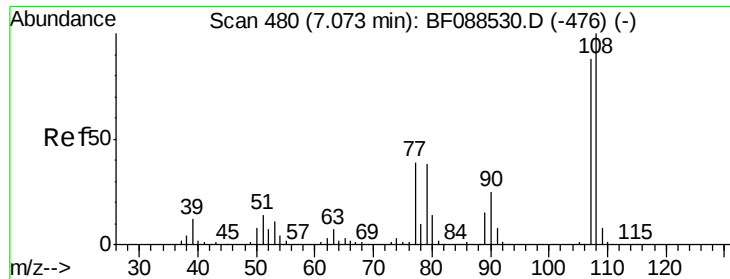


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





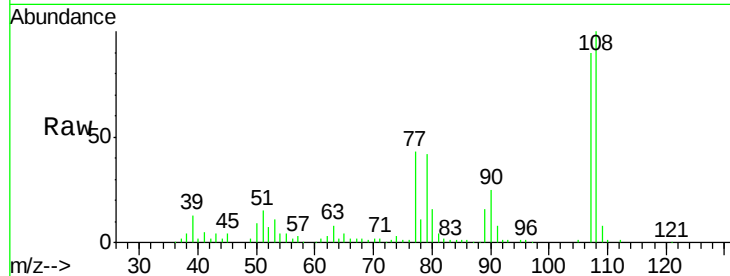
#17
2-Methylphenol
Concen: 27.92 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

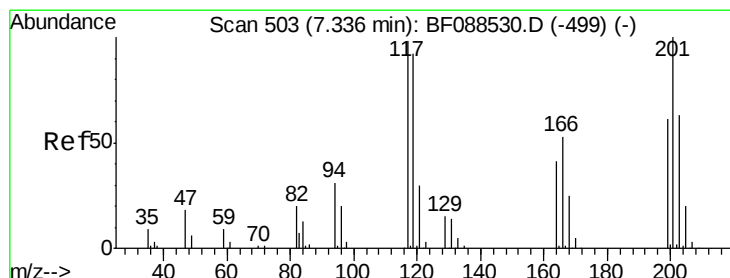
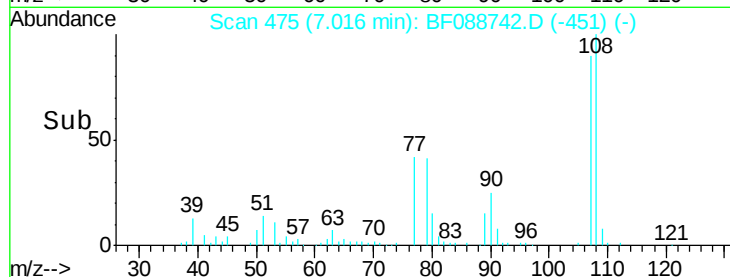
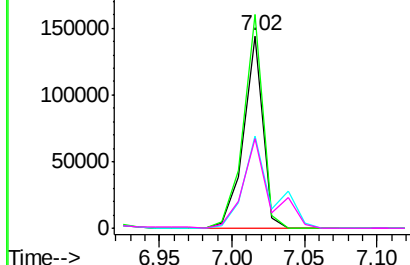
Tot Ion:	107	Resp:	133647
Ion Ratio	Lower	Upper	
107	100		
108	111.0	90.9	136.3
77	47.6	36.6	55.0
79	46.7	36.5	54.7

Manual Integrations

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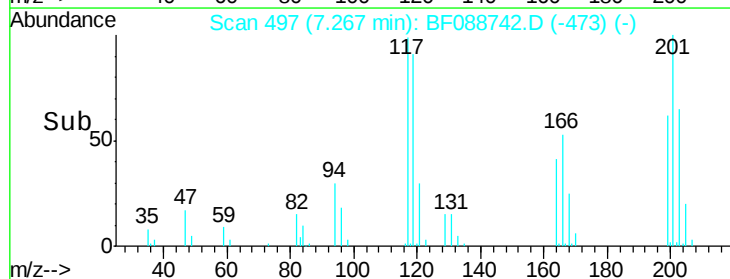
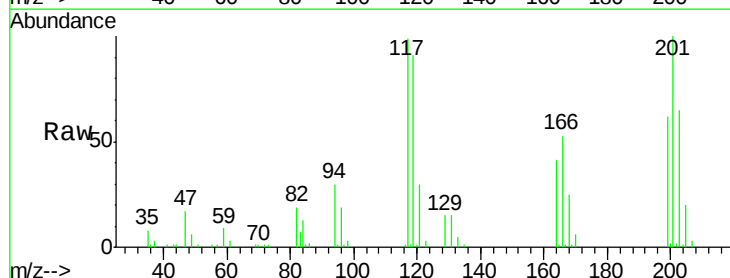
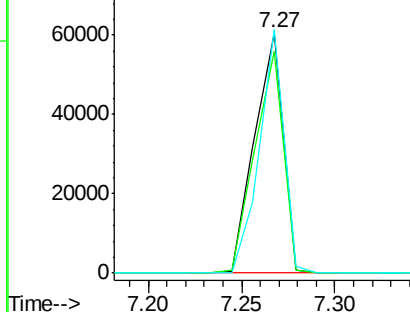
Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
200000
Ion 77.00 (76.70 to 77.70): BF0
150000
Ion 79.00 (78.70 to 79.70): BF0
100000
50000
0

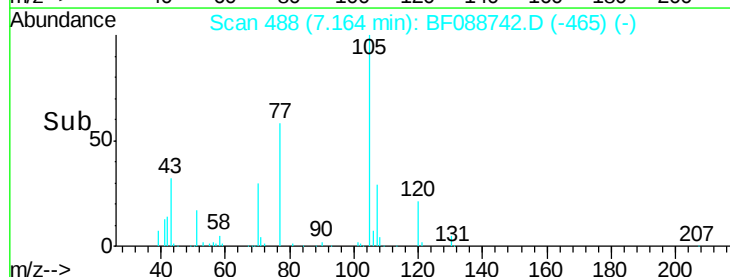
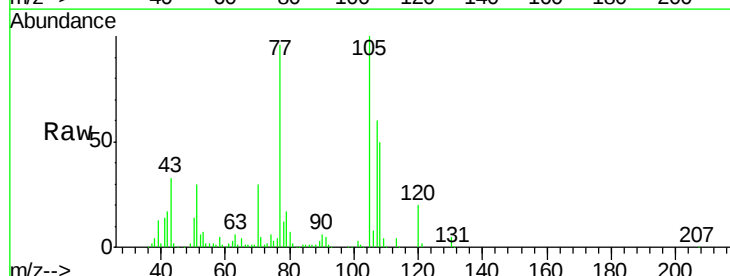
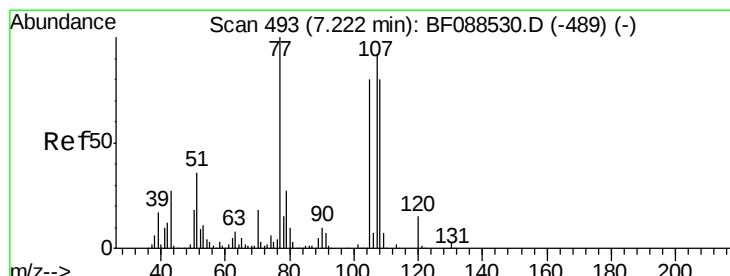
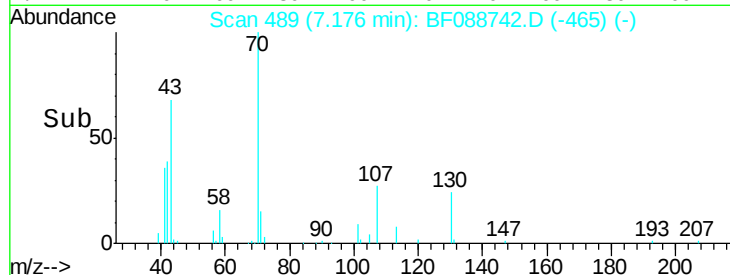
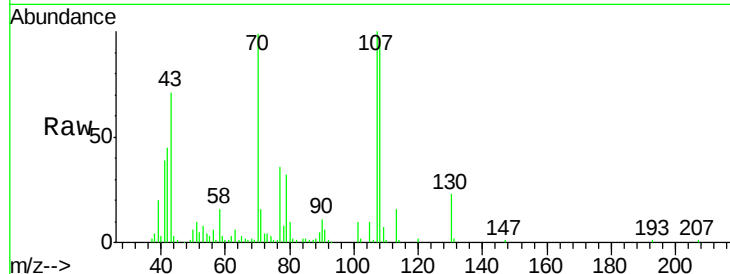
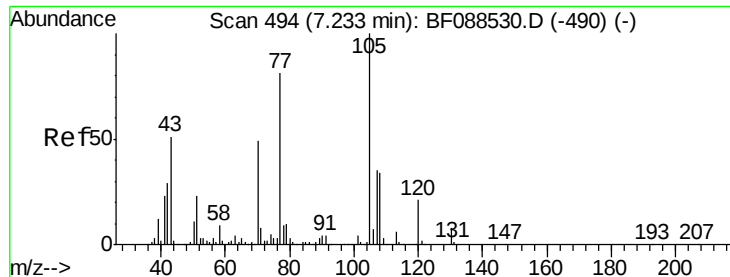


#18
Hexachloroethane
Concen: 25.87 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion:	117	Resp:	64119
Ion Ratio	Lower	Upper	
117	100		
119	92.1	77.4	116.2
201	101.3	80.4	120.6

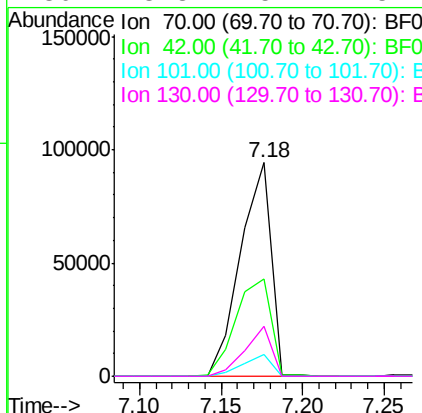
Abundance Ion 117.00 (116.70 to 117.70): E
80000
Ion 119.00 (118.70 to 119.70): E
60000
Ion 201.00 (200.70 to 201.70): E
40000
20000
0





#19
n-Nitroso-di-n-propylamine
Concen: 25.86 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.4	49.6	74.4#
101	10.4	7.1	10.7
130	23.3	15.4	23.2#



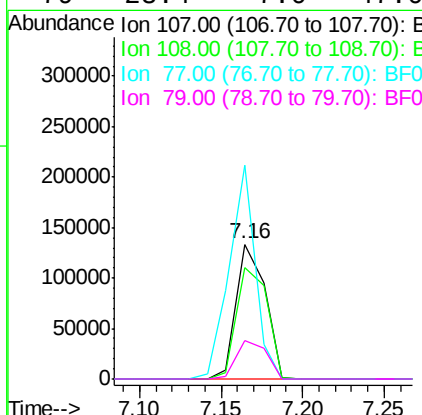
Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

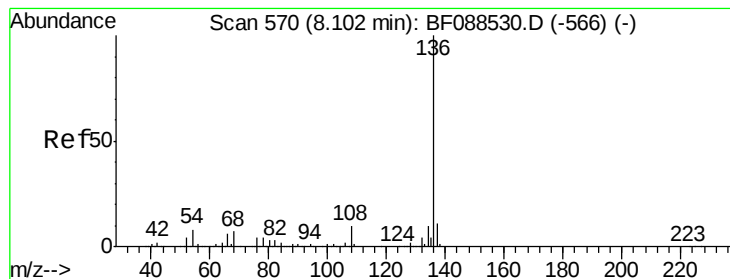
Manual Integrations

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#20
3+4-Methylphenols
Concen: 28.60 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.1	67.8	107.8
77	158.2	59.3	99.3#
79	28.4	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

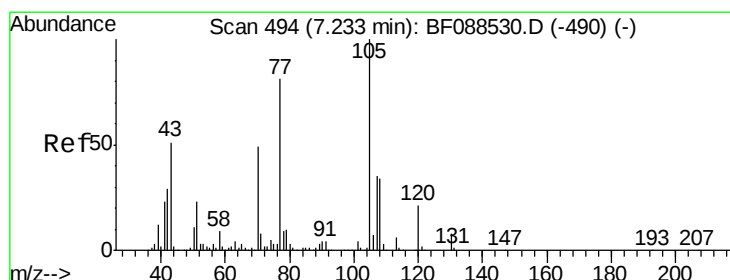
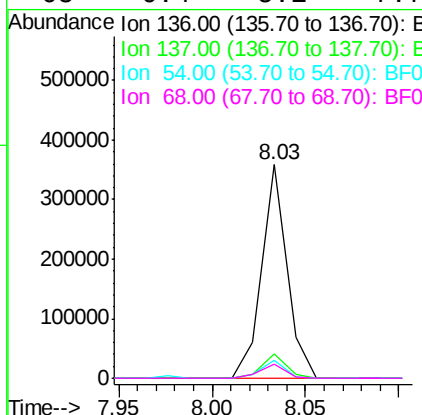
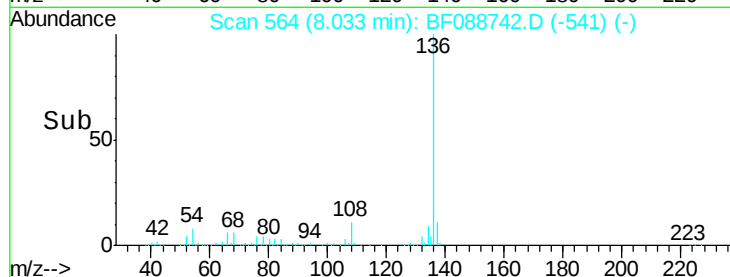
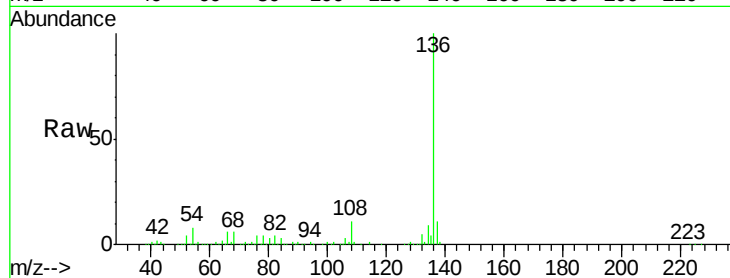
SB-13-COMPMSD

Tot Ion	136	Resp	334983
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	8.1	6.6	10.0
68	6.4	5.1	7.7

Manual Integrations

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#22

Acetophenone

Concen: 28.42 ng

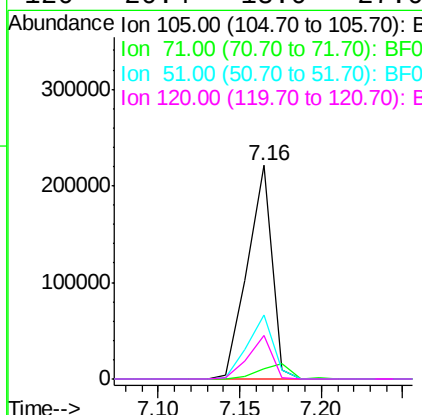
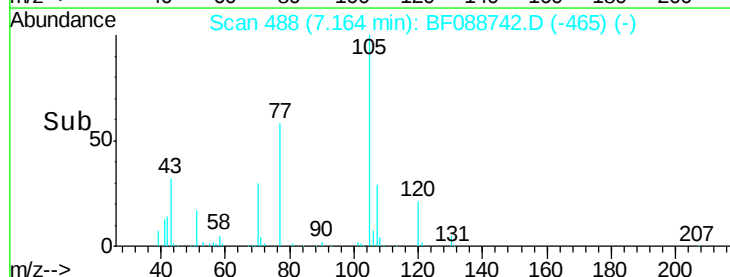
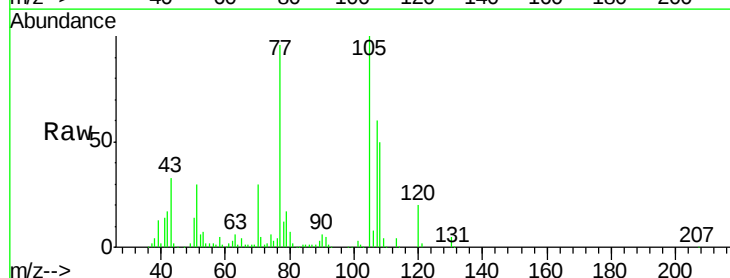
RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Tgt Ion	105	Resp	231066
Ion Ratio	Lower	Upper	
105	100		
71	5.0	5.3	7.9#
51	29.9	18.2	27.4#
120	20.4	18.0	27.0





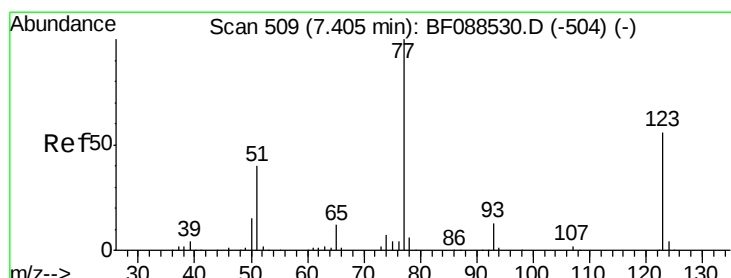
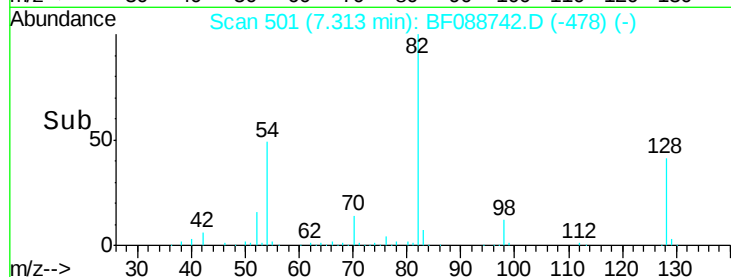
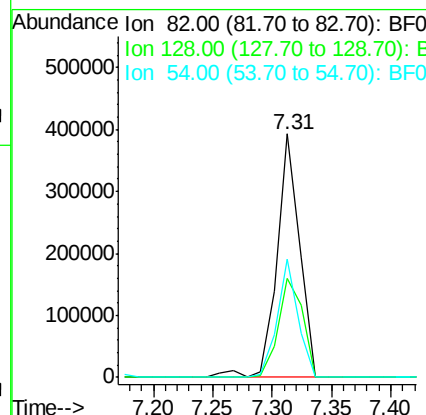
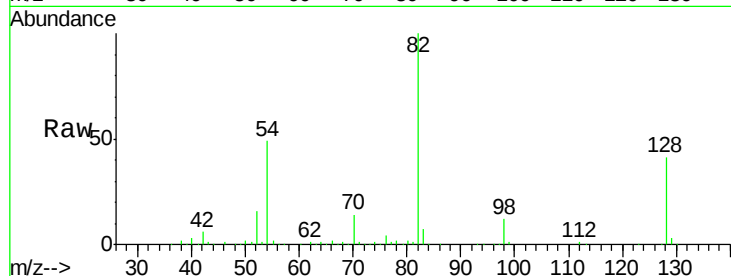
#23
Nitrobenzene-d5
Concen: 80.83 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	82	Resp	516656
Ion Ratio	100	Lower	Upper
82	100		
128	40.7	35.9	53.9
54	48.6	40.9	61.3

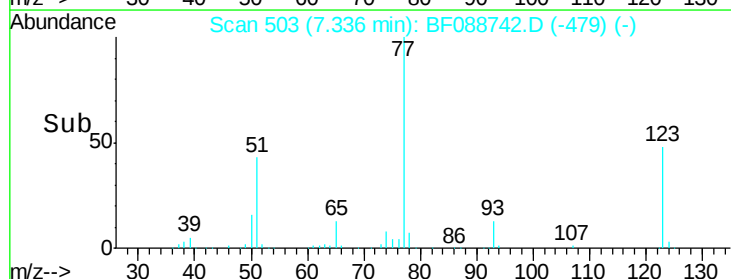
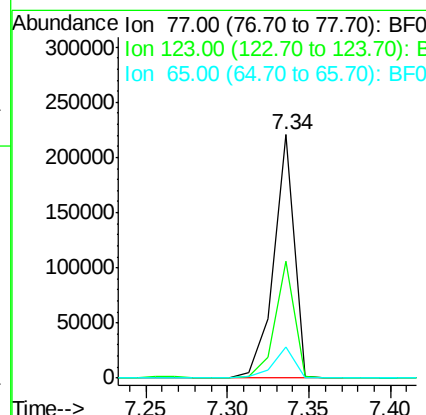
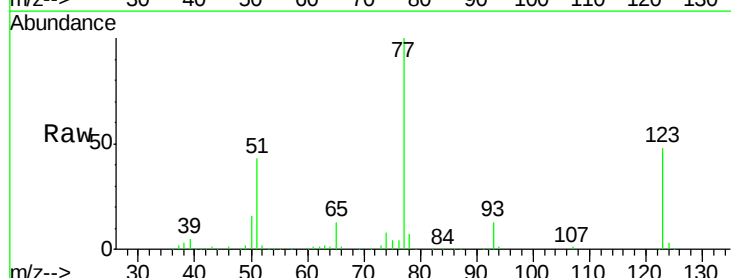
Manual Integrations

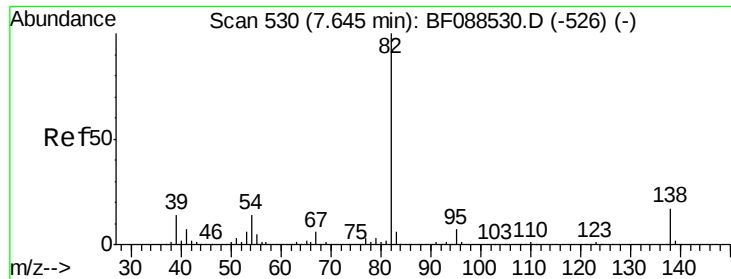
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#24
Nitrobenzene
Concen: 29.94 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	77	Resp	192966
Ion Ratio	100	Lower	Upper
77	100		
123	47.8	45.0	67.4
65	12.7	10.2	15.2





#25

Isophorone

Concen: 25.64 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion: 82 Resp: 303557

Ion Ratio Lower Upper

82 100

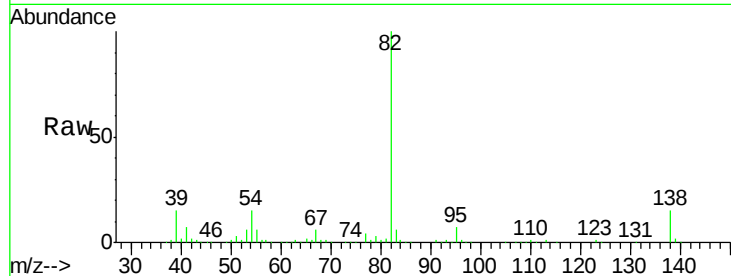
95 7.1 5.4 8.2

138 15.1 14.6 21.8

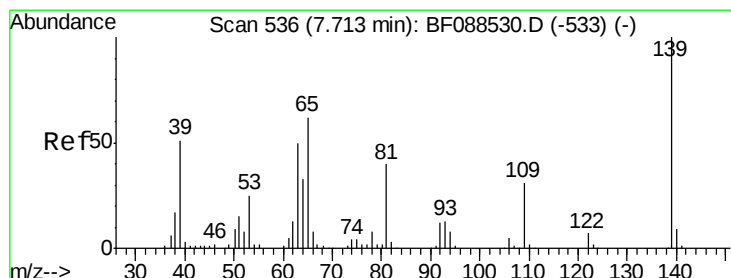
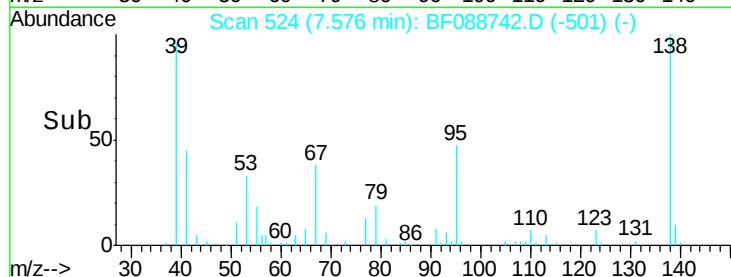
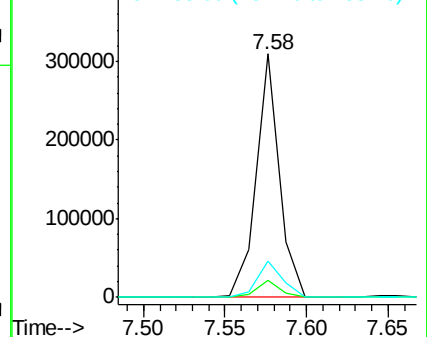
Manual Integrations

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



#26

2-Nitrophenol

Concen: 32.63 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

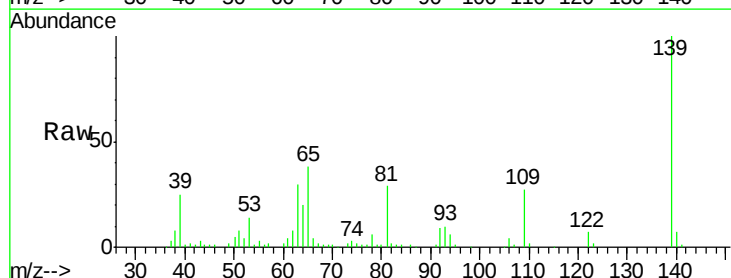
Tgt Ion: 139 Resp: 86225

Ion Ratio Lower Upper

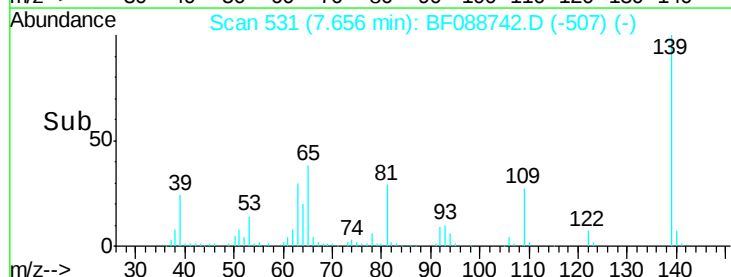
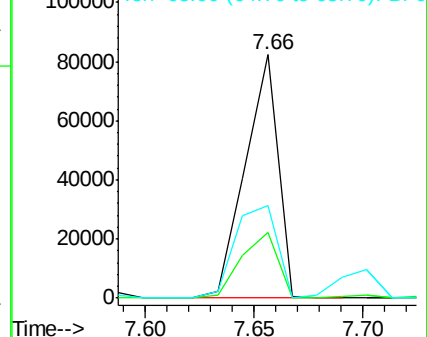
139 100

109 27.2 23.0 34.4

65 38.0 45.8 68.8#



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





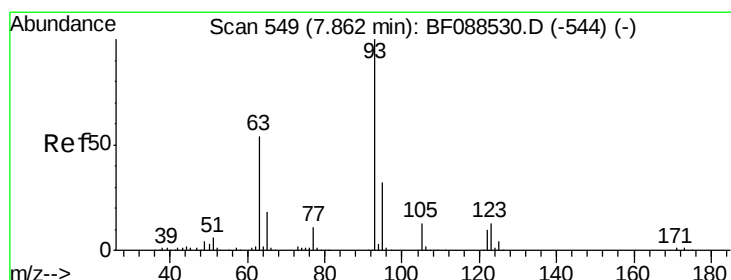
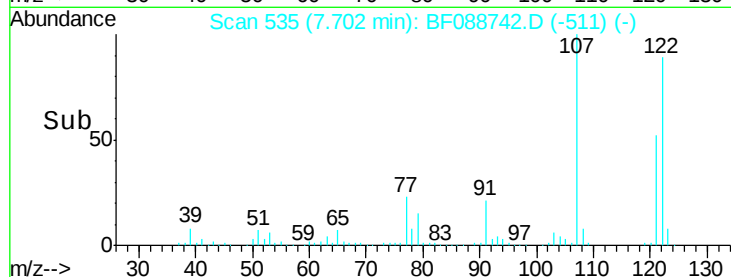
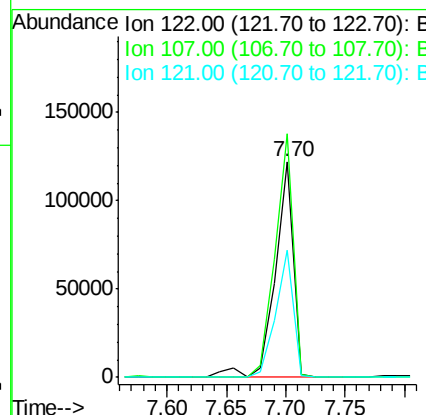
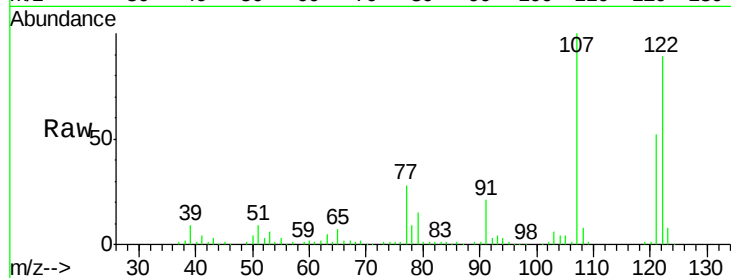
#27
2,4-Dimethylphenol
Concen: 23.97 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	82.4	123.6
121	59.1	46.3	69.5

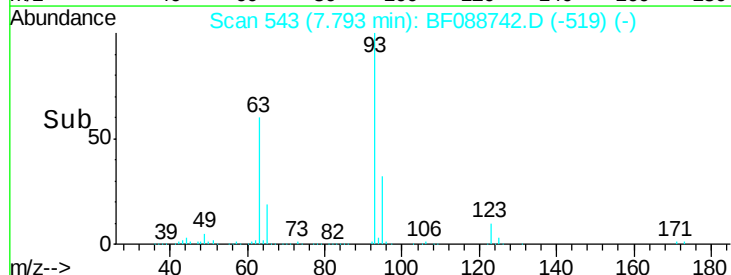
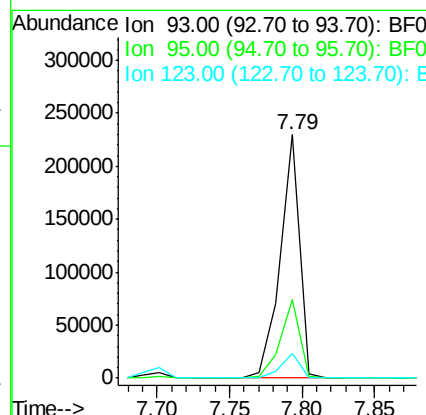
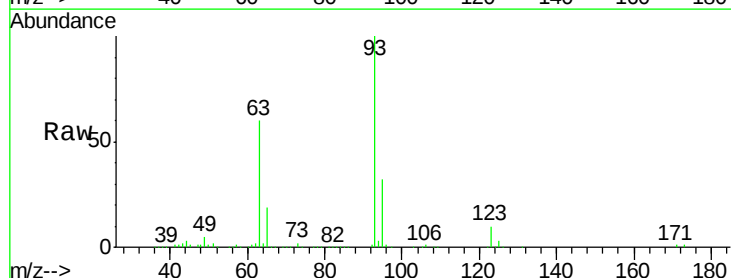
Manual Integrations

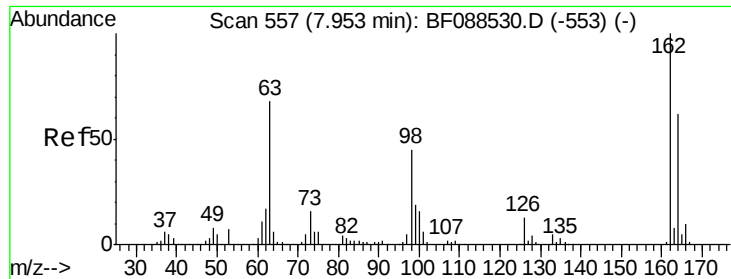
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#28
bis(2-Chloroethoxy)methane
Concen: 27.56 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	10.2	11.6	17.4





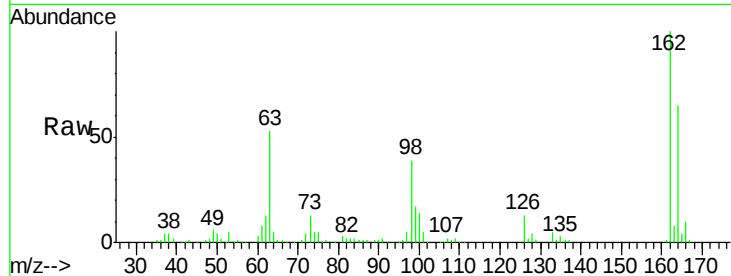
#29
2,4-Dichlorophenol
Concen: 30.43 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

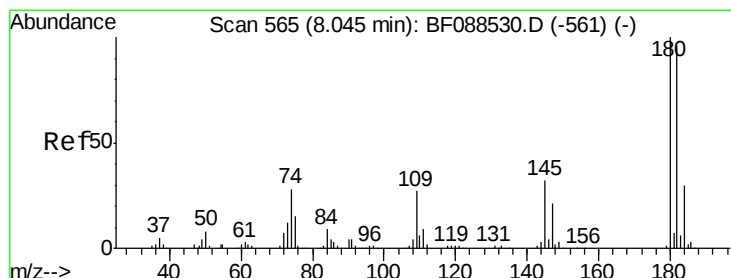
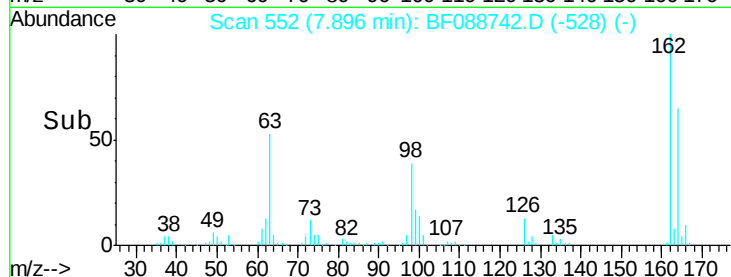
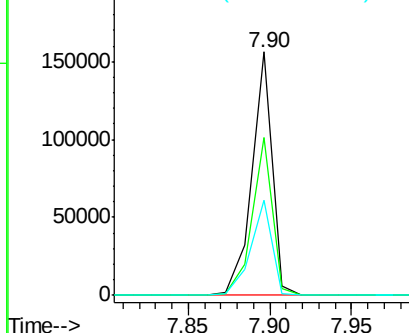
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.8	83.8
98	38.9	21.3	61.3

Manual Integrations

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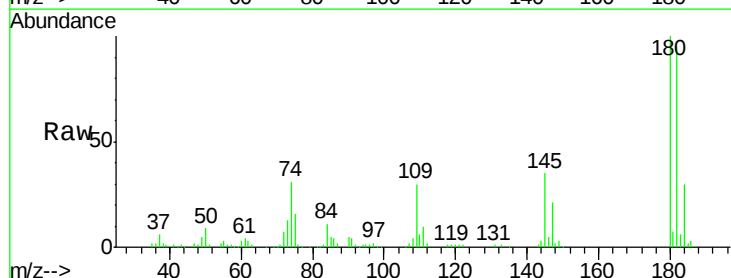


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

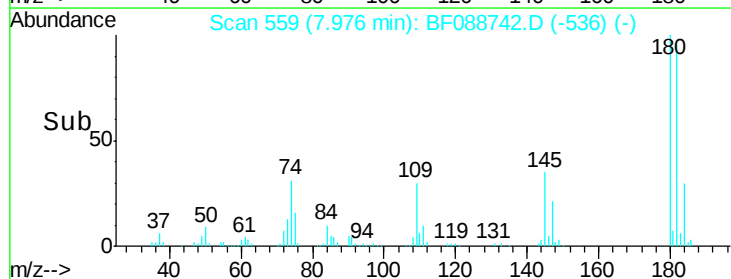
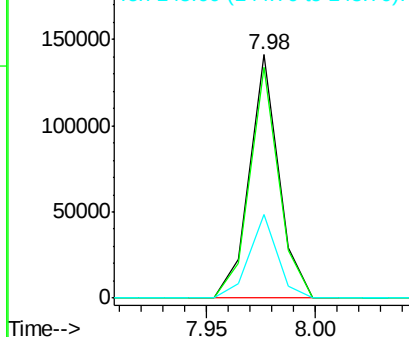


#30
1,2,4-Trichlorobenzene
Concen: 27.05 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.0	114.0
145	34.5	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





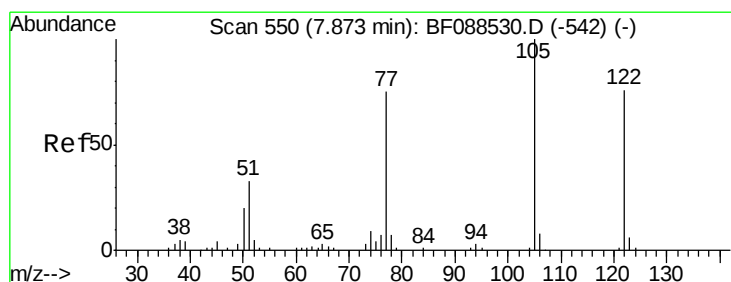
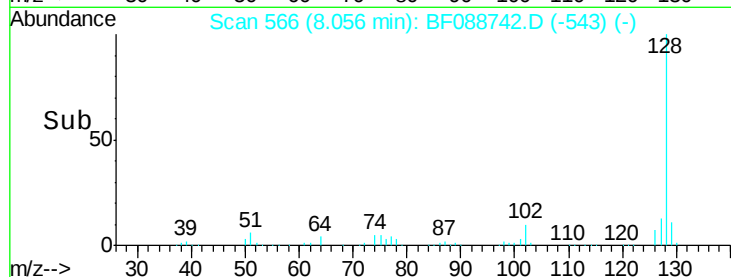
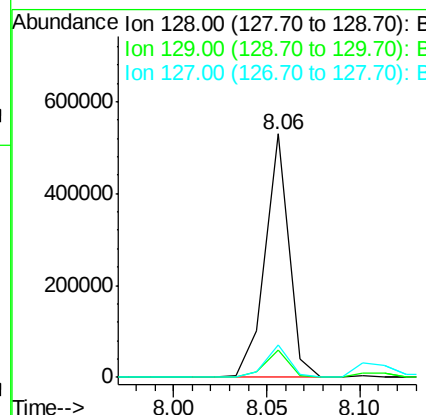
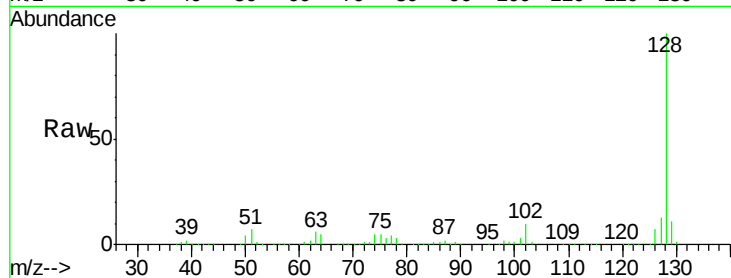
#31
Naphthalene
Concen: 28.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.3	10.9	16.3

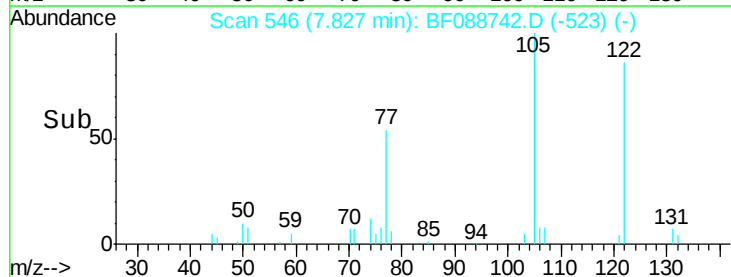
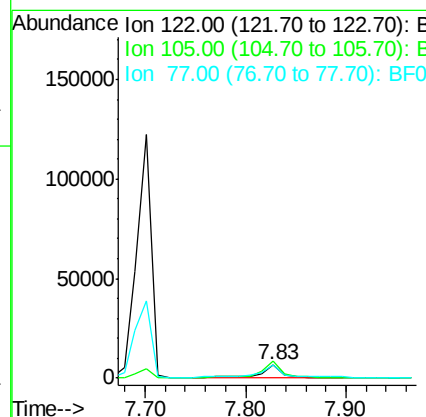
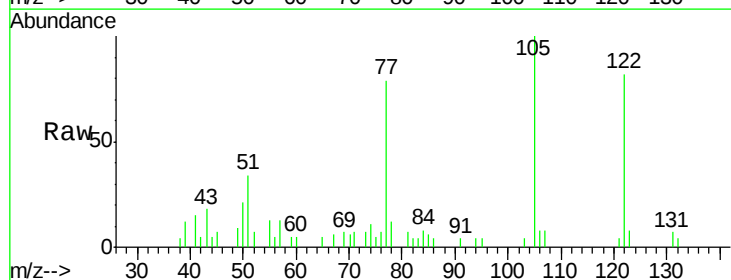
Manual Integrations

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#32
Benzoic acid
Concen: 2.67 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.5	101.6	141.6
77	95.6	70.6	110.6





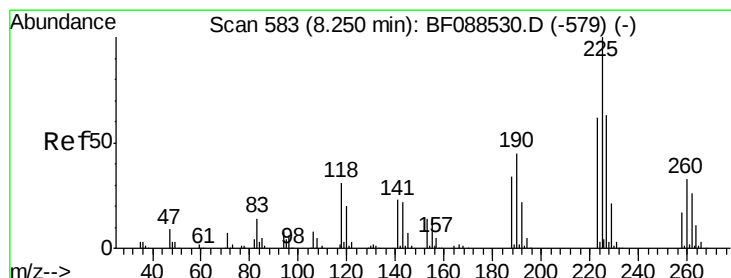
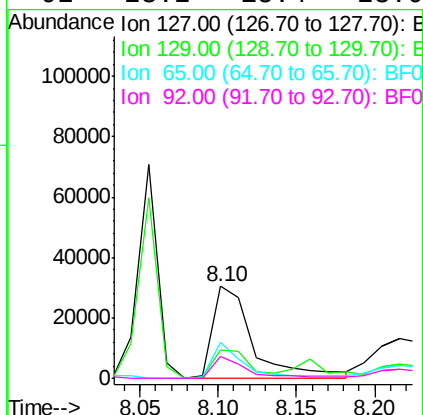
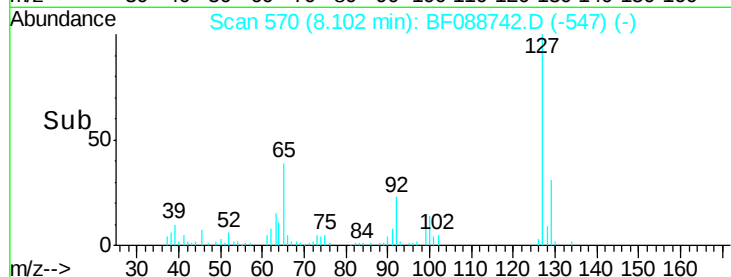
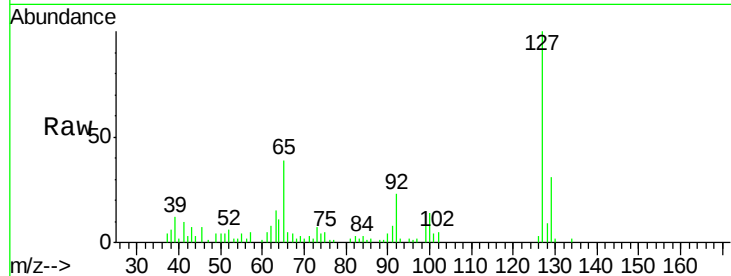
#33
4-Chloroaniline
Concen: 7.47 ng/ml
RT: 8.10 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		54905		
129	30.7	26.3	39.5		
65	39.2	24.7	37.1		
92	23.2	15.4	23.0		

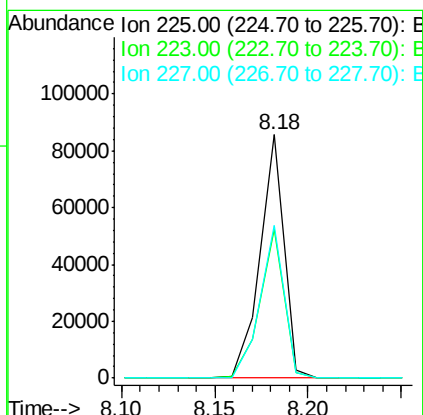
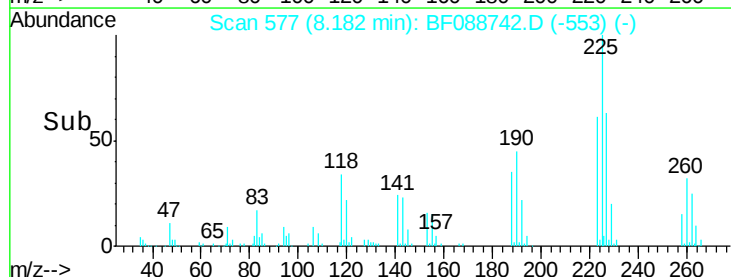
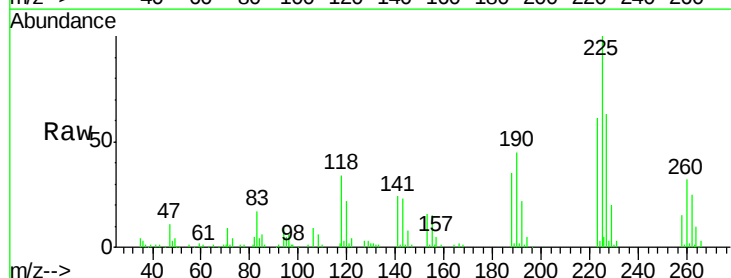
Manual Integrations

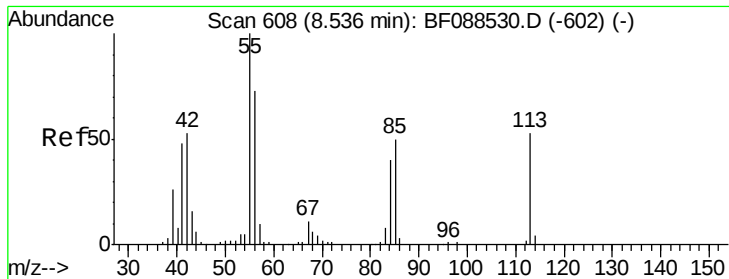
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#34
Hexachlorobutadiene
Concen: 29.03 ng/ml
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		75885		
223	61.4	50.9	76.3		
227	62.9	51.9	77.9		





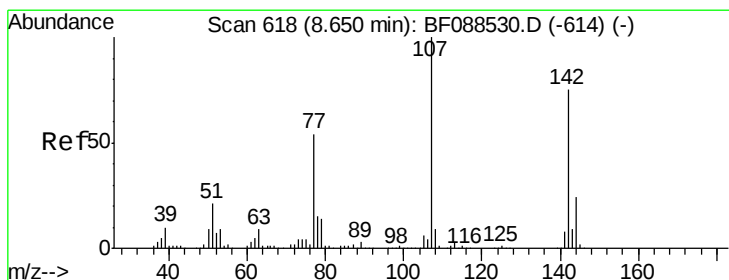
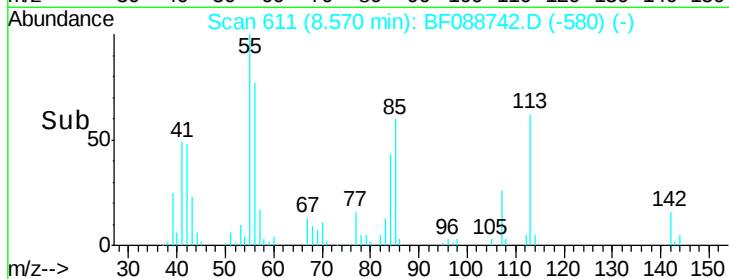
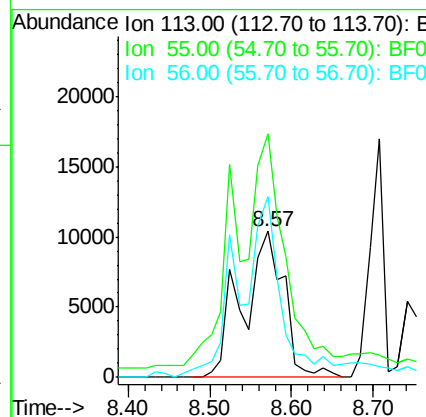
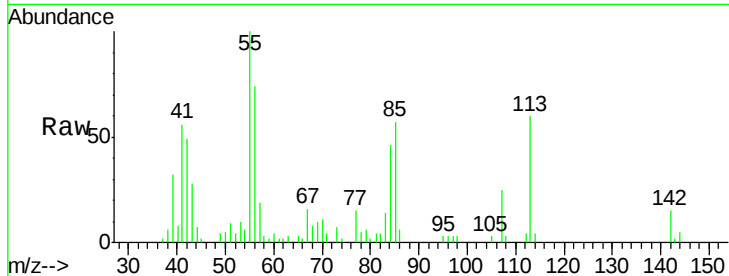
#35
Caprolactam
Concen: 24.15 ng
RT: 8.57 min Scan# 611
Delta R.T. 0.06 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion:113 Resp: 36485
Ion Ratio Lower Upper
113 100
55 166.6 158.6 198.6
56 123.6 110.6 150.6

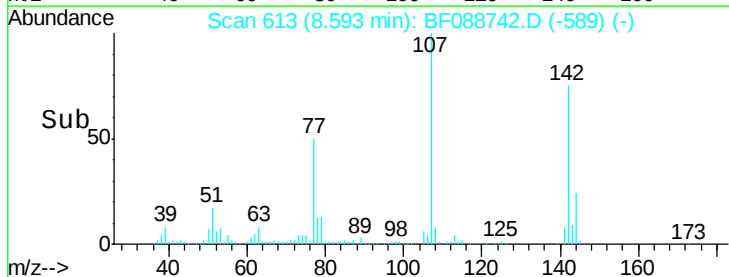
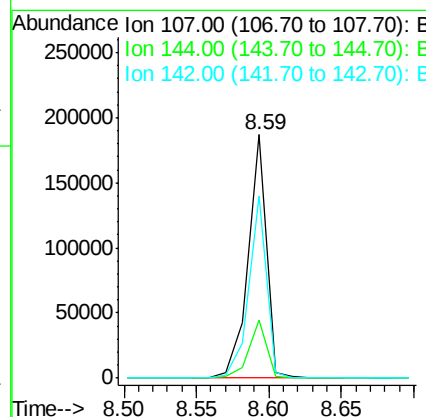
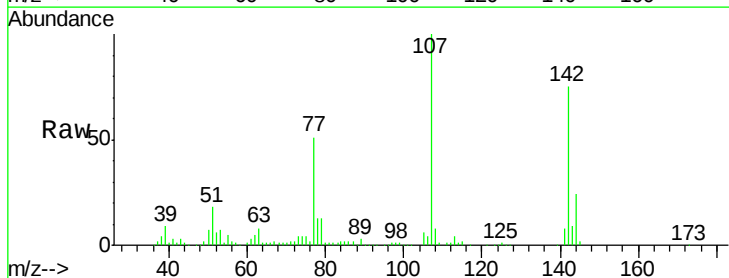
Manual Integrations

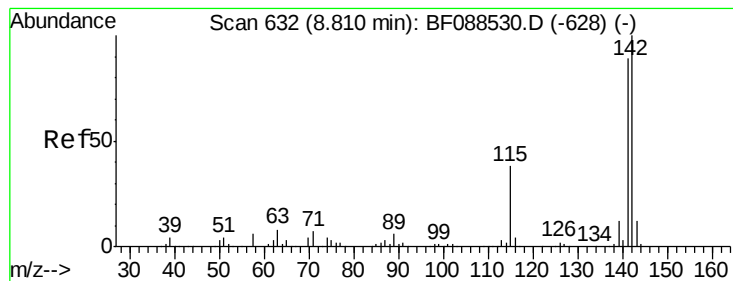
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#36
4-Chloro-3-methylphenol
Concen: 31.27 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion:107 Resp: 164480
Ion Ratio Lower Upper
107 100
144 24.0 20.8 31.2
142 75.0 63.4 95.2





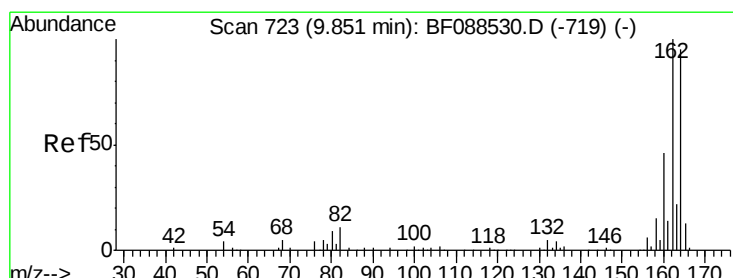
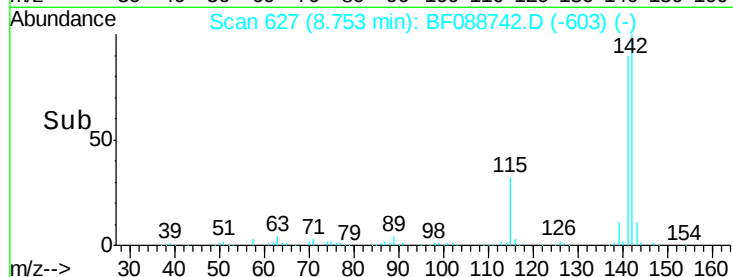
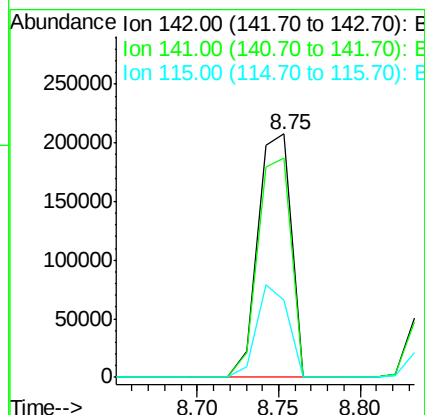
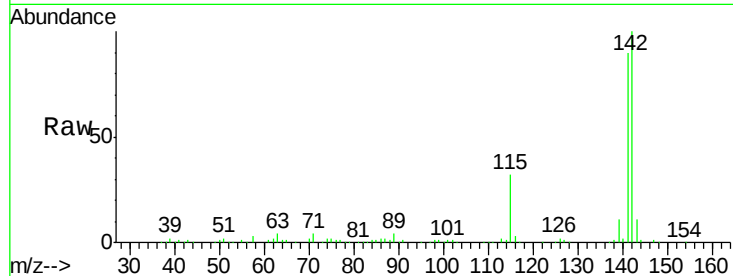
#37
2-Methylnaphthalene
Concen: 27.69 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		294472		
141	90.2	71.0	106.6		
115	31.8	22.6	33.8		

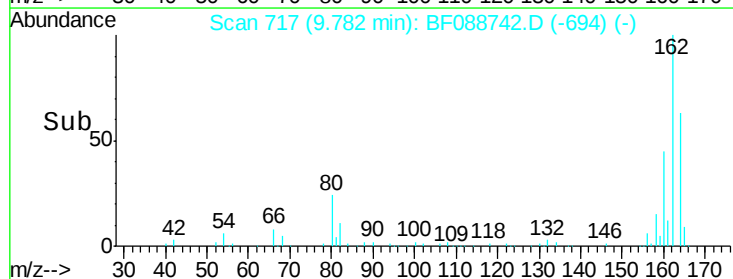
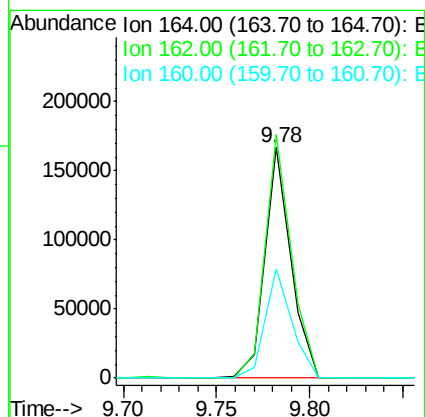
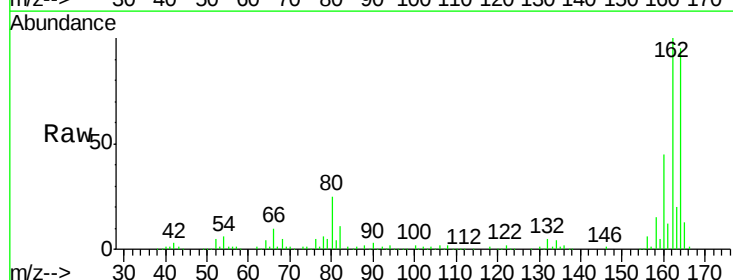
Manual Integrations

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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		159206		
162	105.6	85.4	128.2		
160	47.5	39.5	59.3		





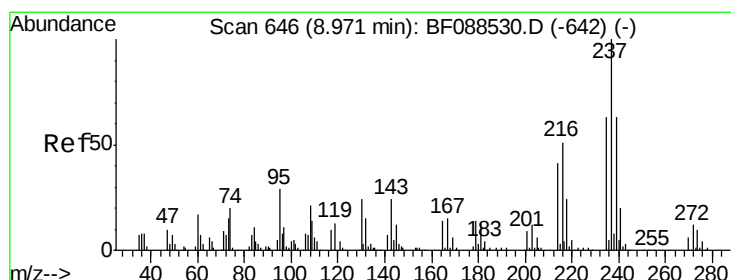
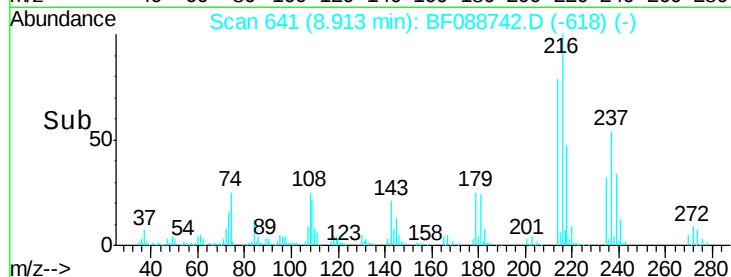
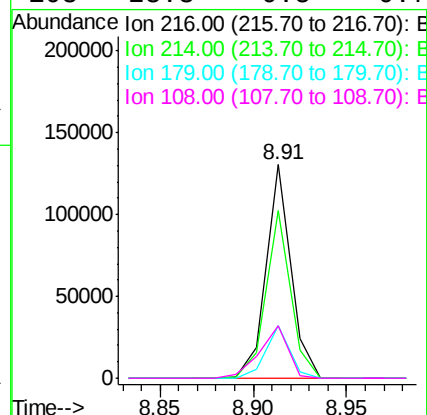
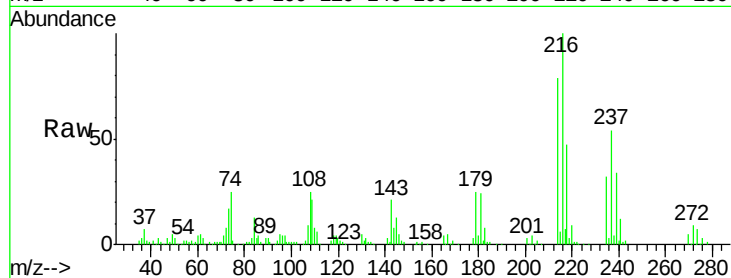
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.62 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.3	2.9	4.3#		
179	23.5	0.0	0.0#		
108	28.3	0.5	0.7#		

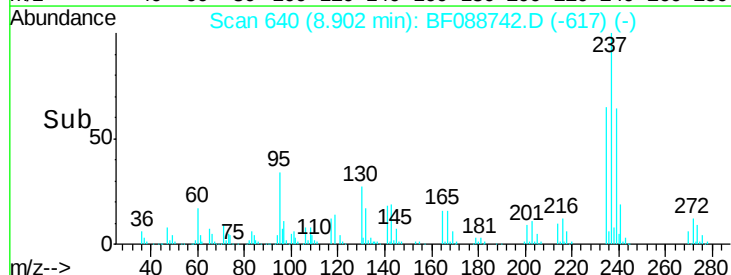
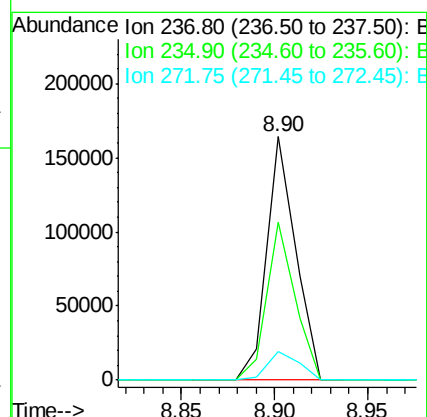
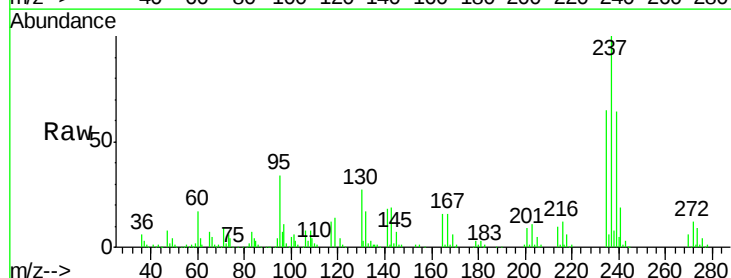
Manual Integrations

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#40
 Hexachlorocyclopentadiene
 Concen: 67.56 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	65.1	43.4	83.4		
272	11.7	0.0	32.3		





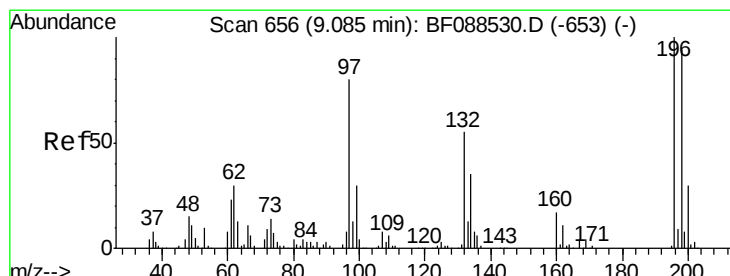
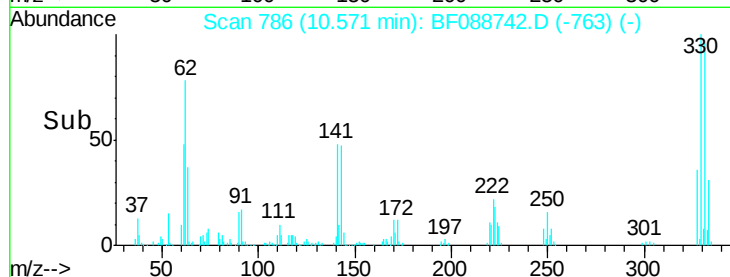
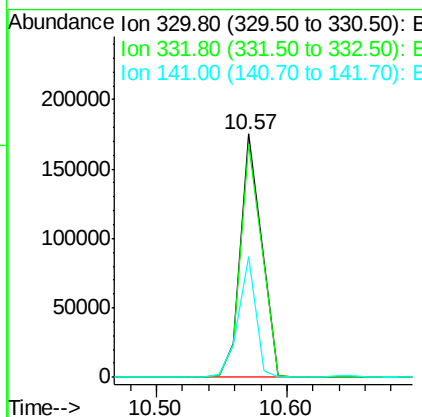
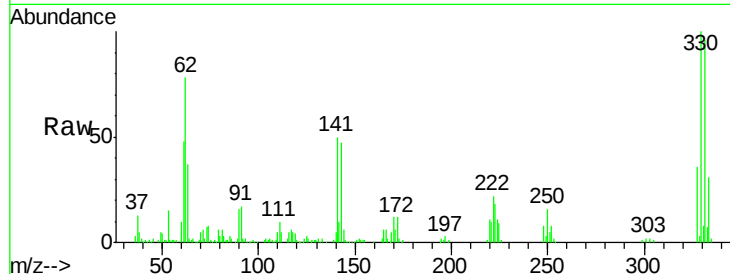
#41
 2,4,6-Tribromophenol
 Concen: 133.42 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	197246		
332	97.1	0.0	0.0	0.0
141	41.1	0.0	0.0	0.0

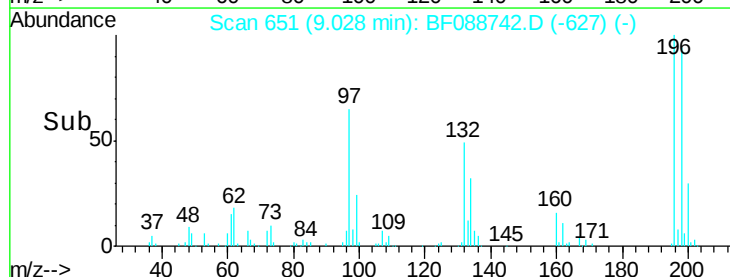
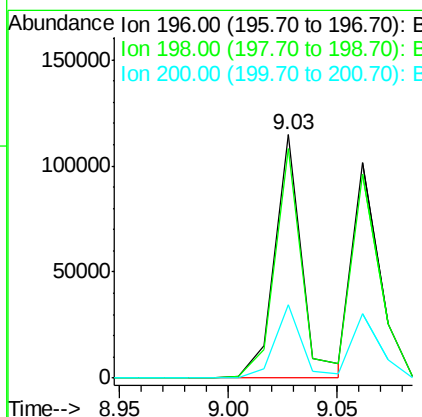
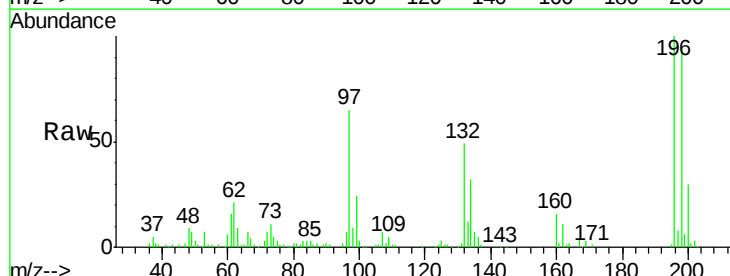
Manual Integrations

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#42
 2,4,6-Trichlorophenol
 Concen: 28.83 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100665		
198	94.4	78.0	117.0	
200	30.4	25.4	38.2	





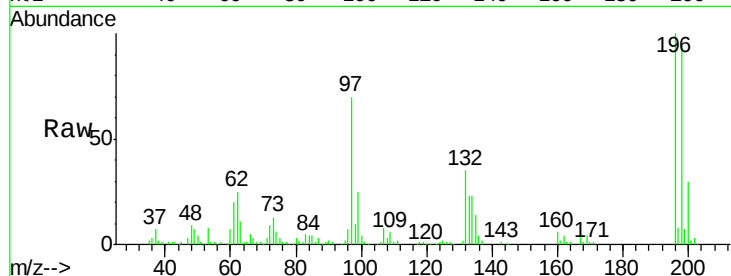
#43
2,4,5-Trichlorophenol
Concen: 29.29 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	94.2	77.5	116.3	
97	70.2	32.0	48.0	
132	35.0	20.9	31.3	

Manual Integrations

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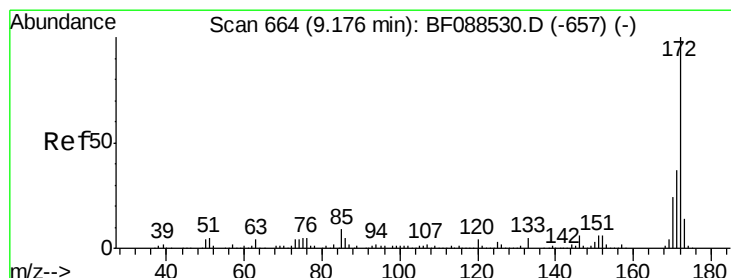
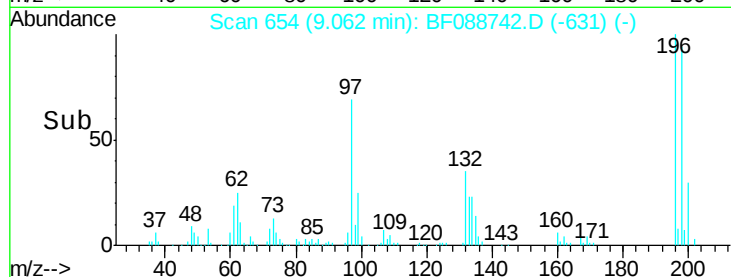
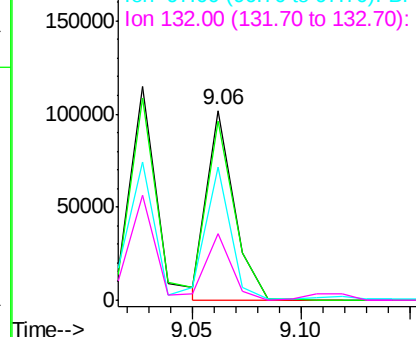
Abundance

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: 100.14 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

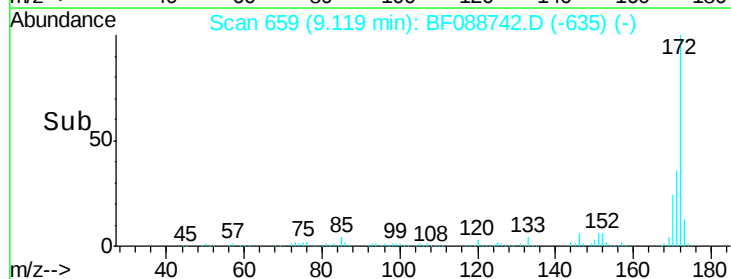
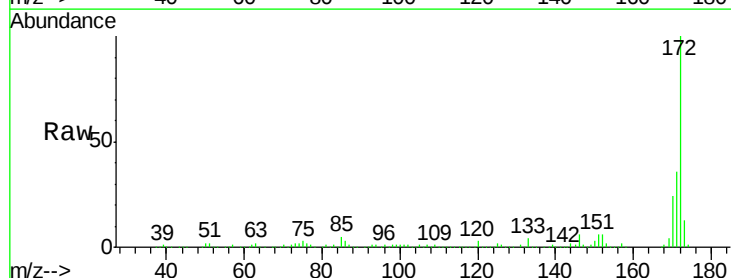
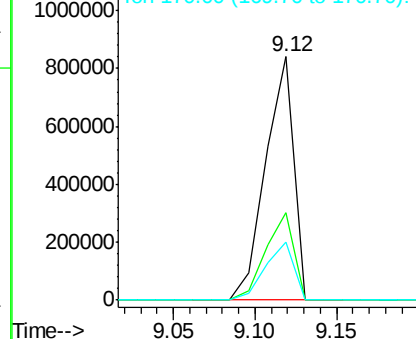
Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.1	28.6	43.0	
170	24.0	19.2	28.8	

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: 27.72 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:154 Resp: 365490

Ion Ratio Lower Upper

154 100

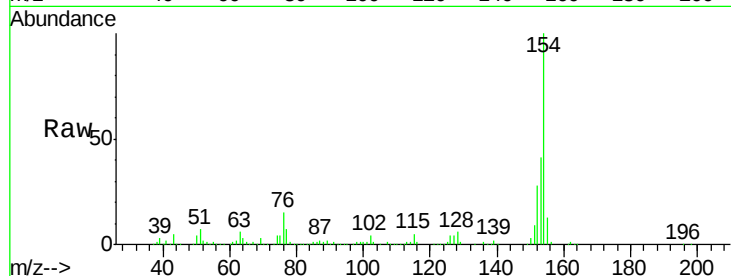
153 41.0 20.6 60.6

76 14.6 0.0 35.1

Manual Integrations

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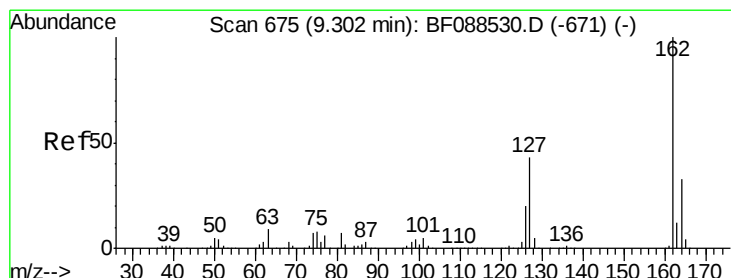
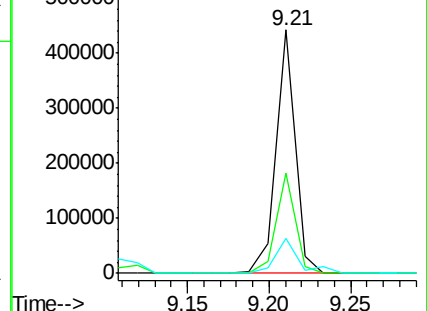
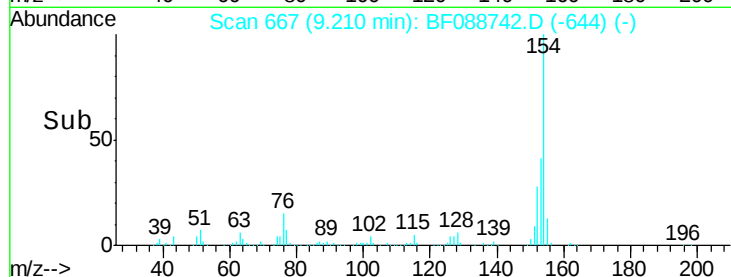
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 27.52 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

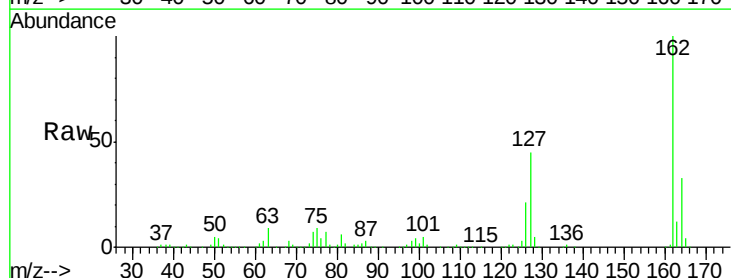
Tgt Ion:162 Resp: 284830

Ion Ratio Lower Upper

162 100

127 44.9 35.2 52.8

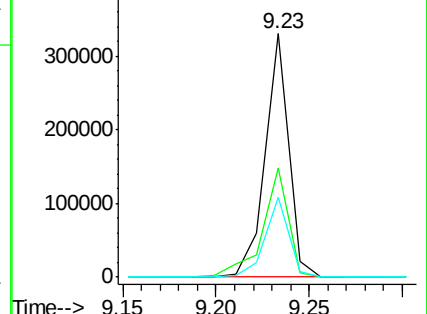
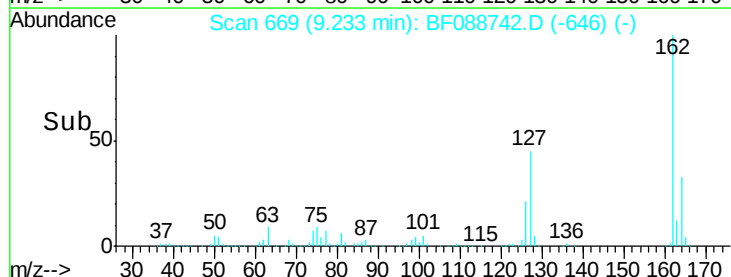
164 32.6 26.6 39.8



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





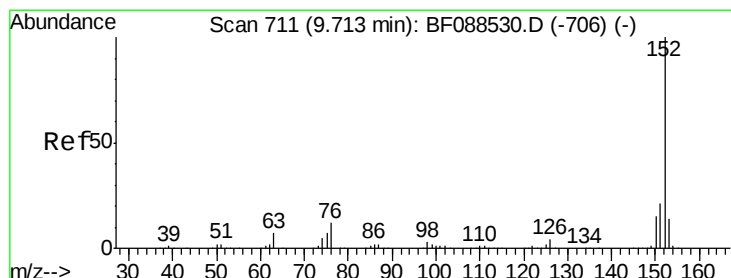
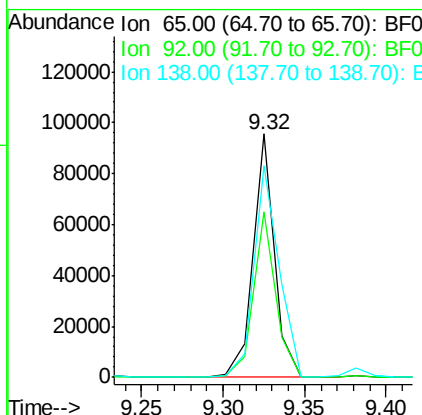
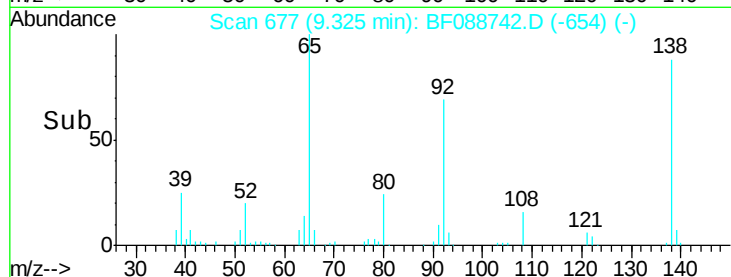
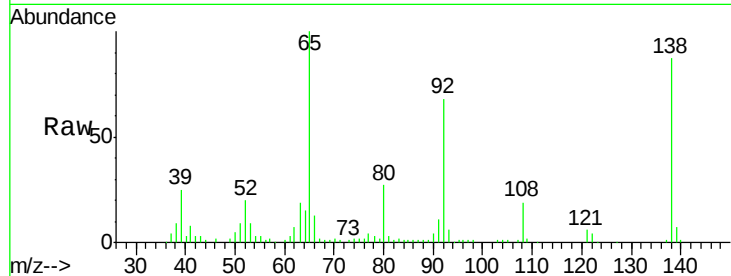
#47
 2-Nitroaniline
 Concen: 23.64 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.2	54.6	82.0
138	86.8	77.0	115.4

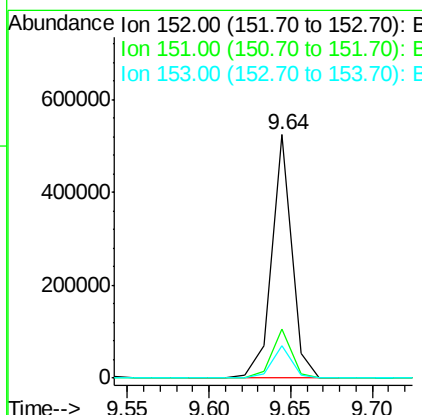
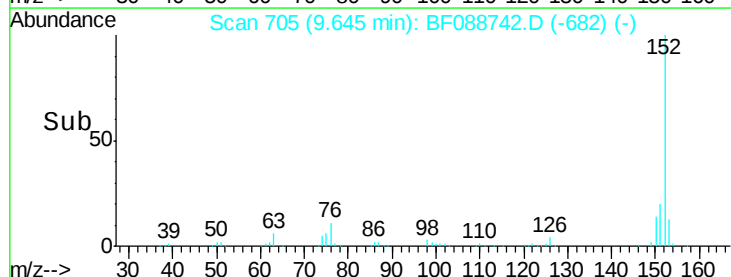
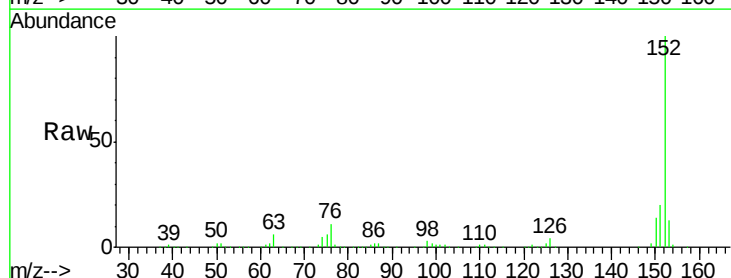
Manual Integrations

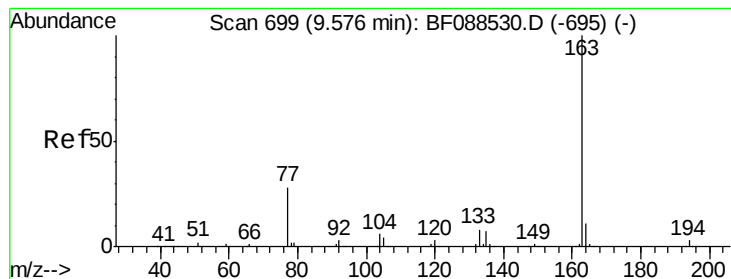
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#48
 Acenaphthylene
 Concen: 27.15 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.3	11.0	16.6





#49

Dimethylphthalate

Concen: 43.88 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:163 Resp: 497729

Ion Ratio Lower Upper

163 100

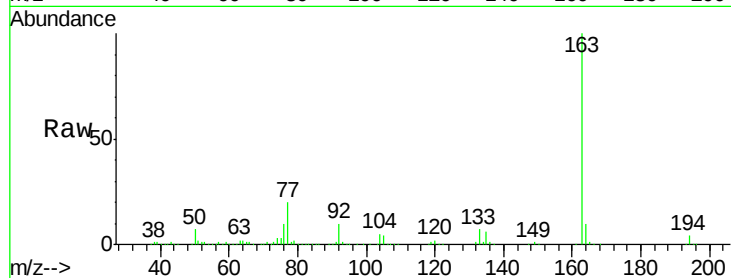
194 3.6 2.8 4.2

164 10.1 8.3 12.5

Manual Integrations

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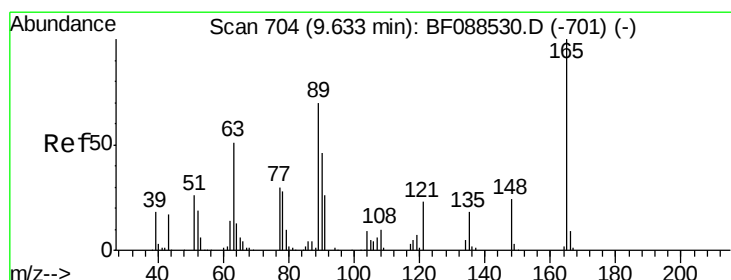
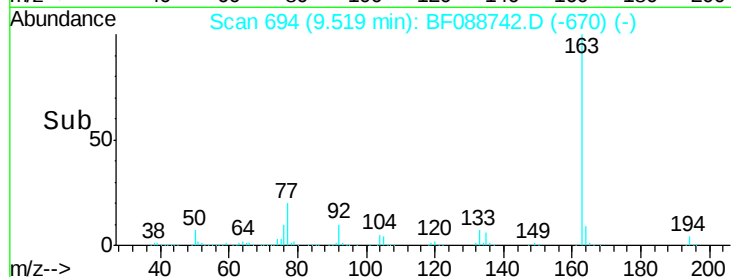
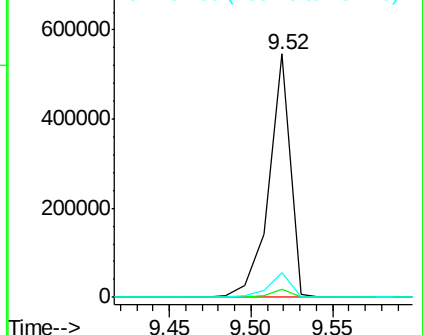
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.52 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

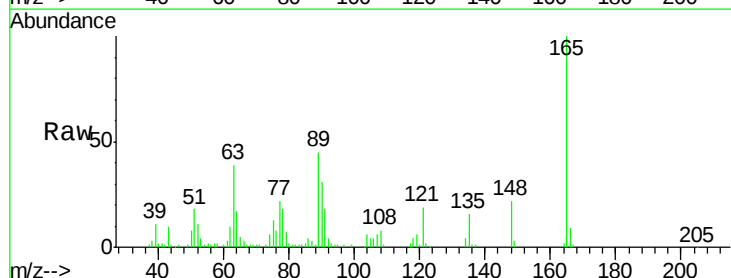
Tgt Ion:165 Resp: 81756

Ion Ratio Lower Upper

165 100

63 39.1 28.1 42.1

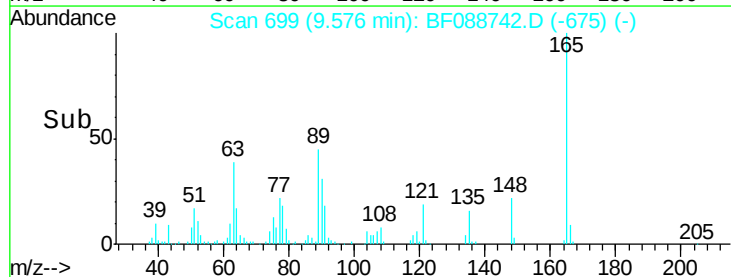
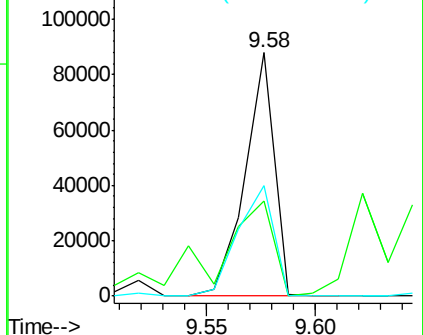
89 45.2 32.2 48.2

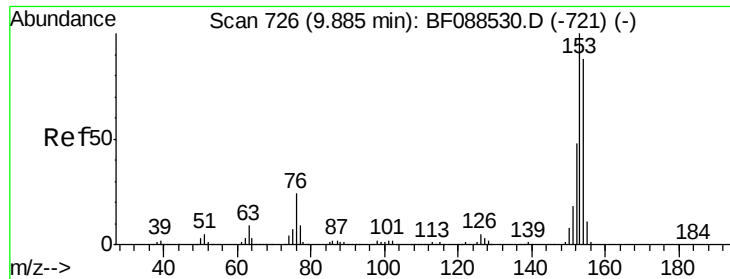


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.97 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:154 Resp: 262174

Ion Ratio Lower Upper

154 100

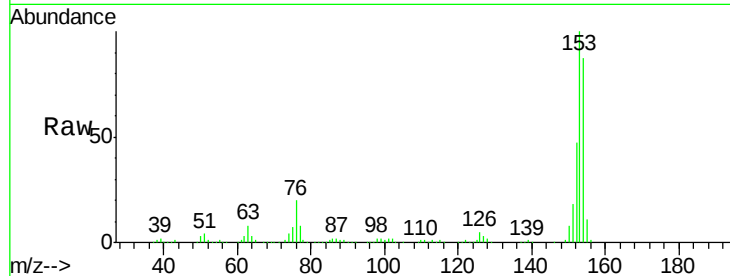
153 114.5 89.5 134.3

152 54.3 42.7 64.1

Manual Integrations

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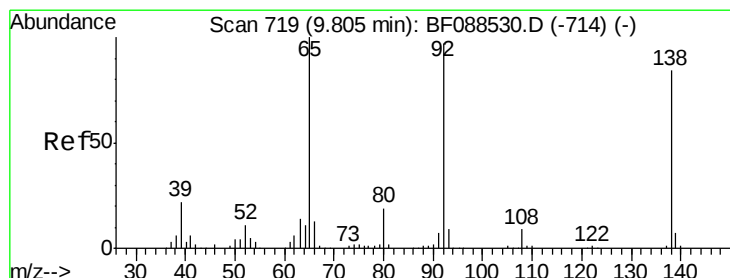
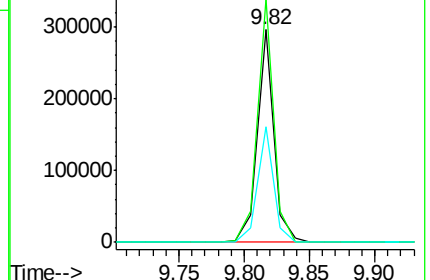
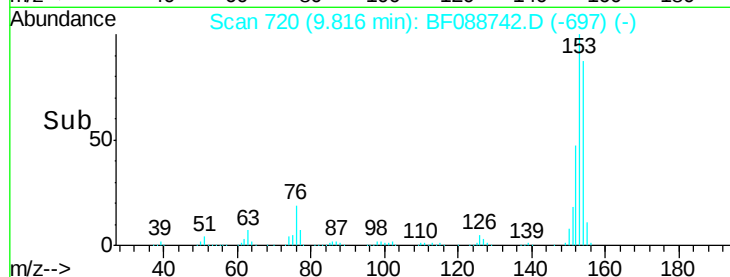
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.17 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

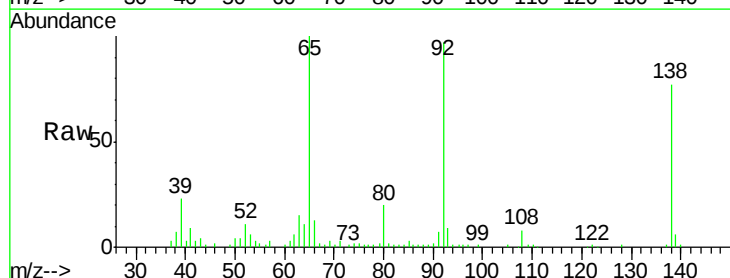
Tgt Ion:138 Resp: 61246

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

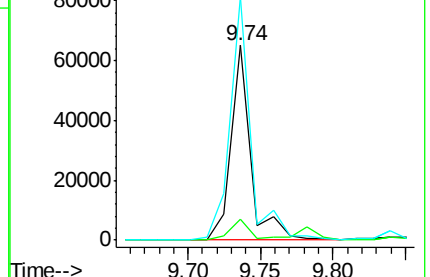
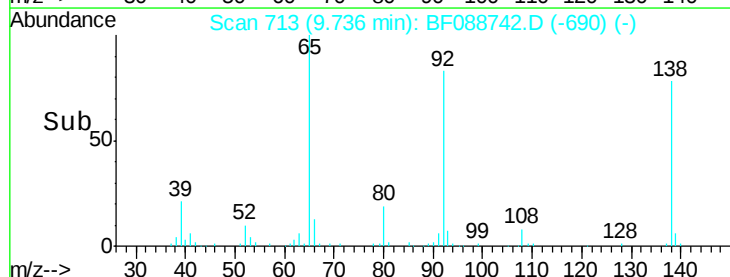
92 125.0 95.7 143.5

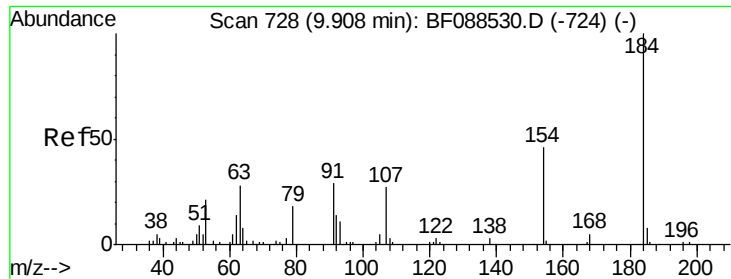


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





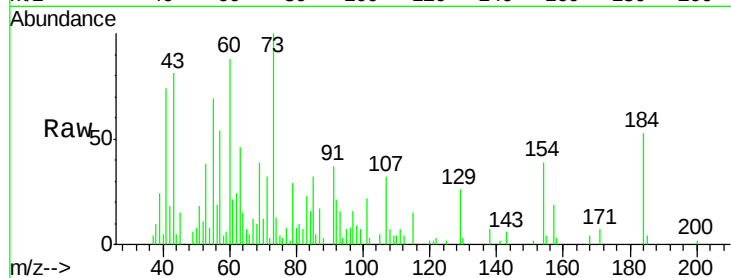
#53
2,4-Dinitrophenol
Concen: 6.17 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

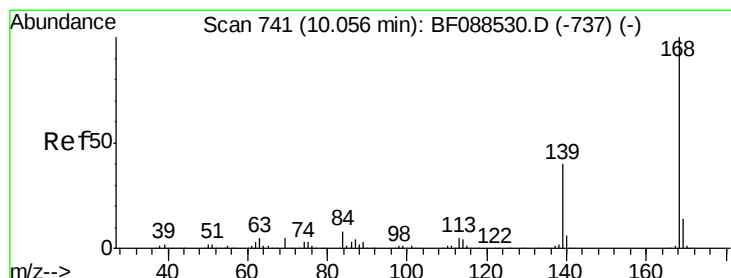
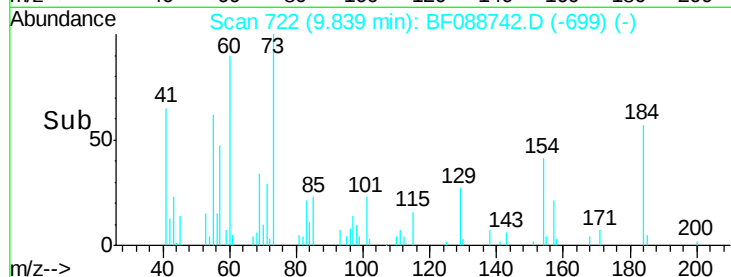
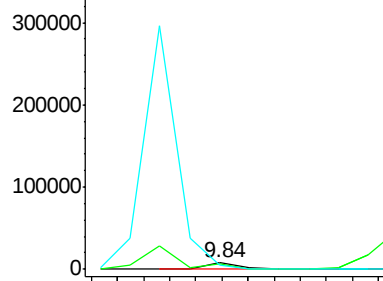
Tot Ion	Ratio	Lower	Upper
184	100		
63	85.8	57.6	86.4
154	72.5	53.5	80.3

Manual Integrations

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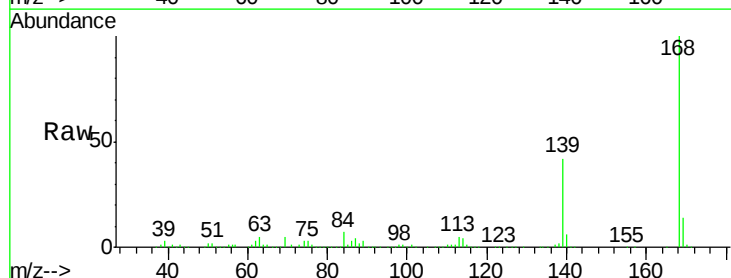


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

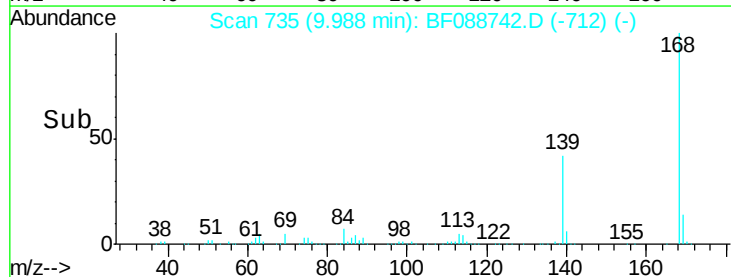
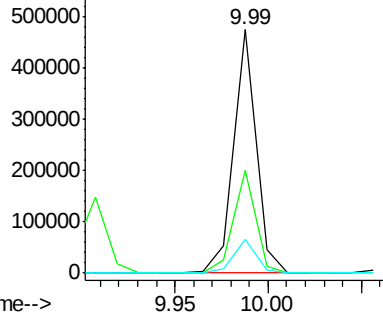


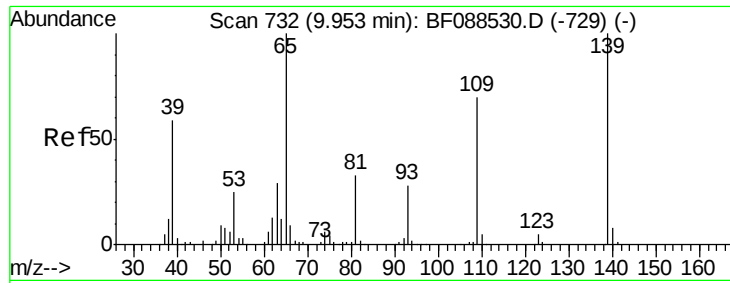
#54
Dibenzofuran
Concen: 30.02 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.3	26.4	39.6#
169	13.6	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





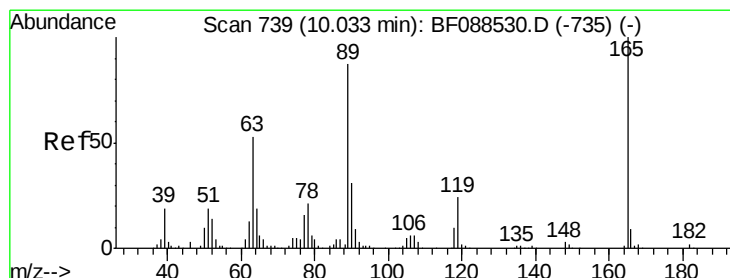
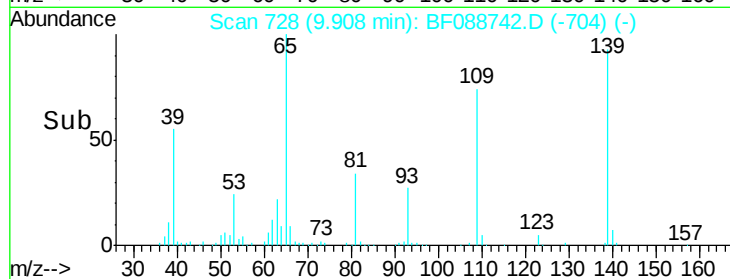
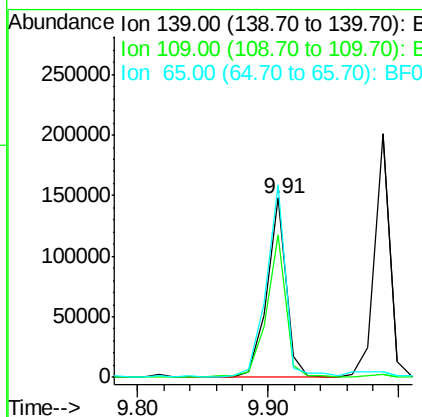
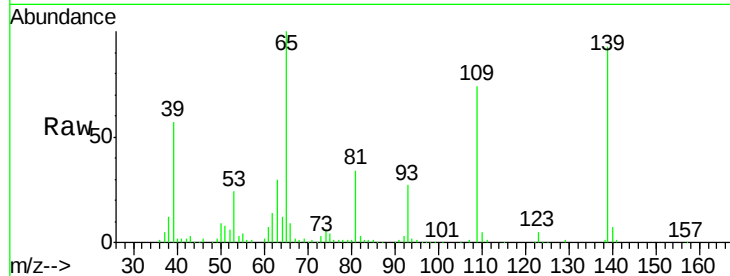
#55
4-Nitrophenol
Concen: 63.34 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100		153811		
109	79.8	48.9	88.9		
65	107.8	84.9	124.9		

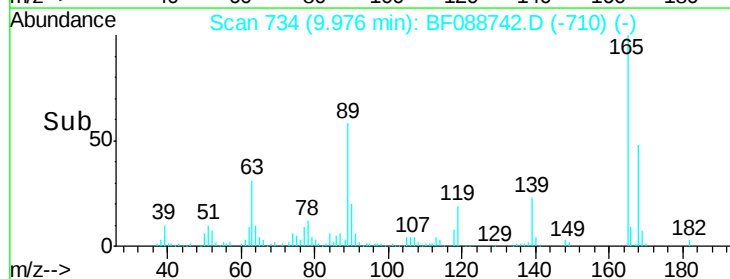
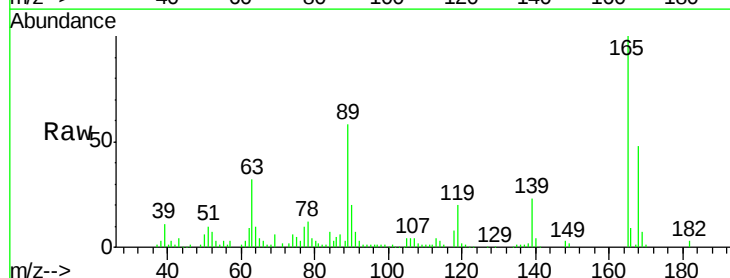
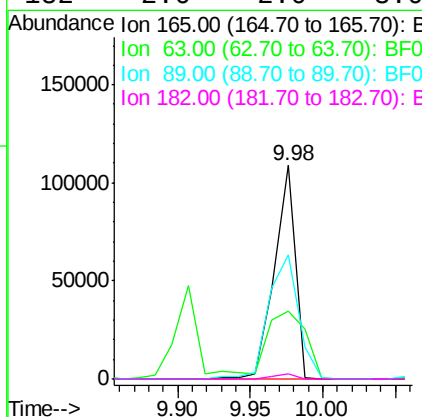
Manual Integrations

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#56
2,4-Dinitrotoluene
Concen: 33.14 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		108938		
63	31.8	22.0	33.0		
89	57.9	41.1	61.7		
182	2.6	2.0	3.0		





#57

Fluorene

Concen: 31.76 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF088742.D

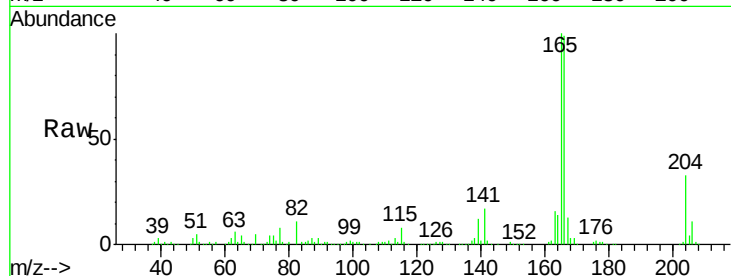
Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD



Tot Ion:166 Resp: 323363

Ion Ratio Lower Upper

166 100

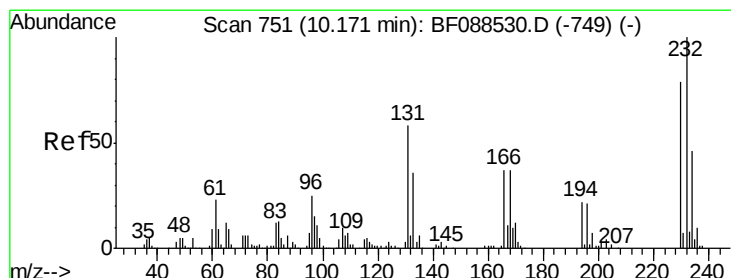
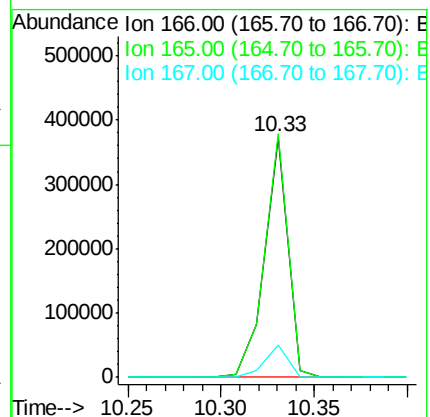
165 101.3 77.8 116.8

167 13.4 11.2 16.8

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 27.85 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Tgt Ion:232 Resp: 64720

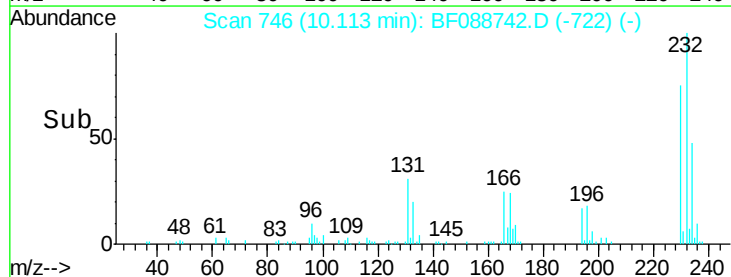
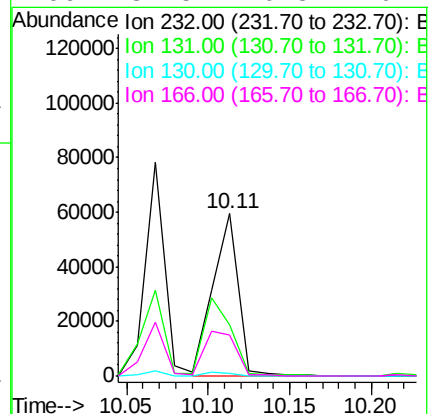
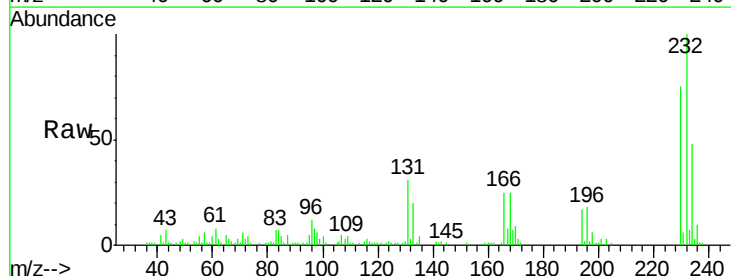
Ion Ratio Lower Upper

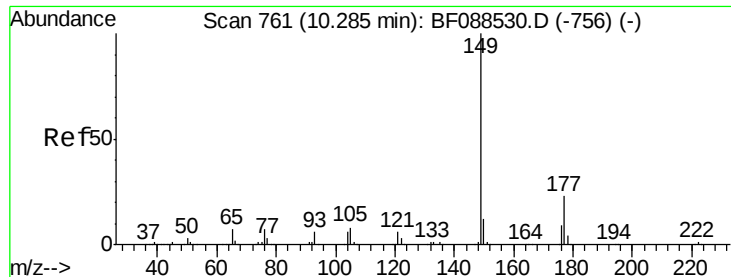
232 100

131 52.1 0.9 1.3#

130 2.7 1.5 2.3#

166 34.5 0.5 0.7#





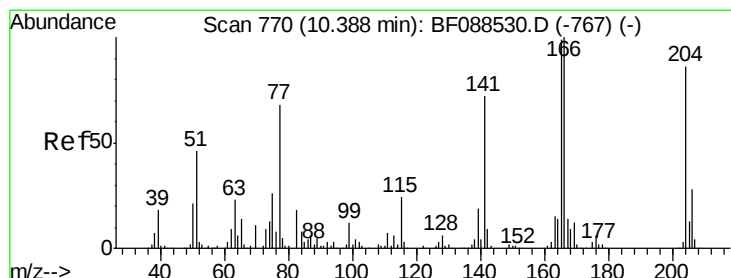
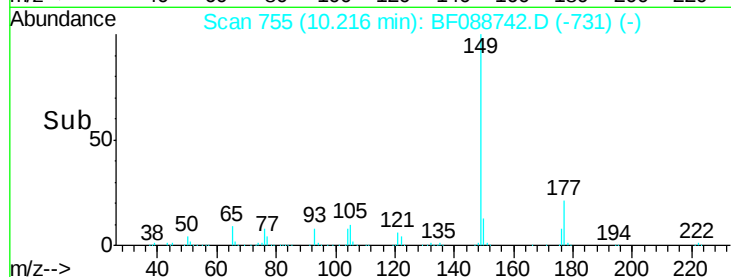
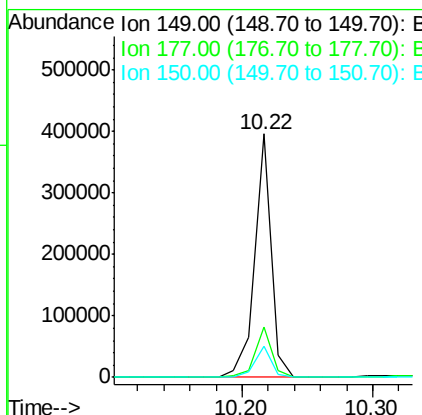
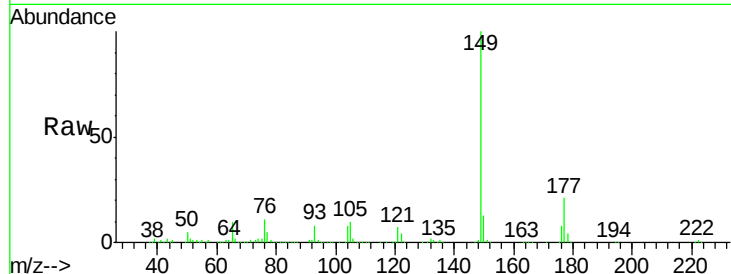
#59
Diethylphthalate
Concen: 30.82 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.9	25.3
150	12.6	10.1	15.1

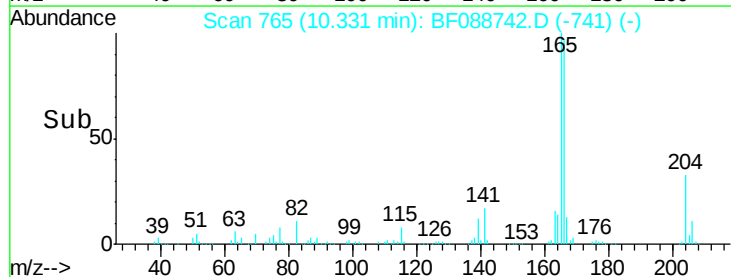
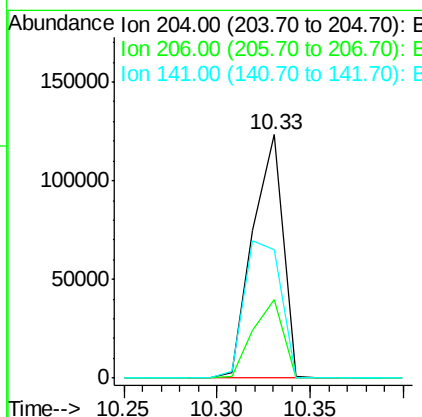
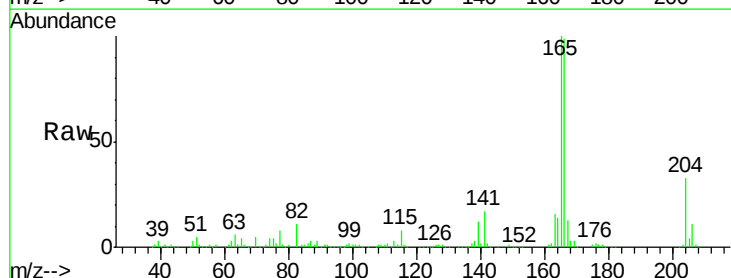
Manual Integrations

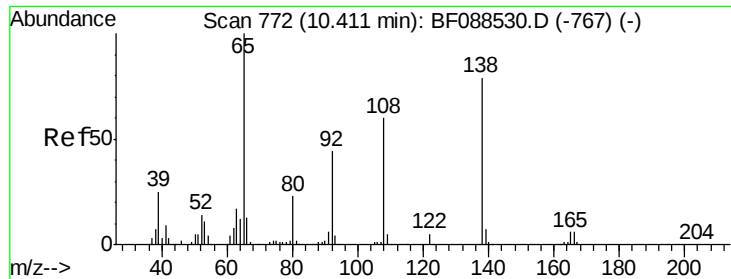
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#60
4-Chlorophenyl-phenylether
Concen: 29.22 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.3	39.5
141	52.9	55.0	82.6#





#61

4-Nitroaniline

Concen: 23.72 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.03 min

Lab File: BF088742.D

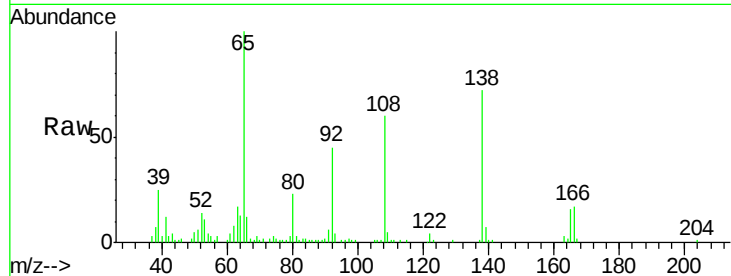
Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD



Tot Ion:138 Resp: 72944

Ion Ratio Lower Upper

138 100

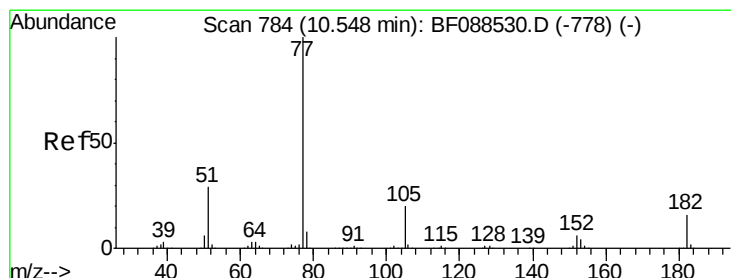
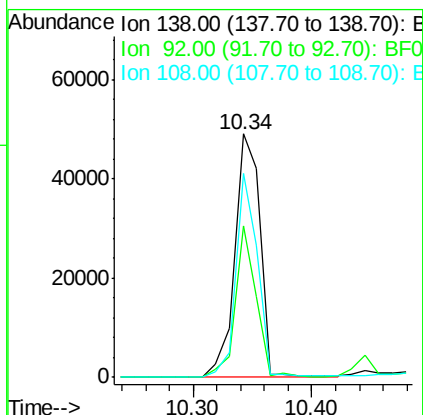
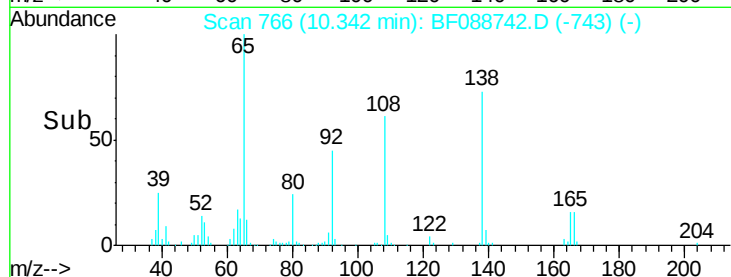
92 62.4 27.3 67.3

108 83.6 46.7 86.7

Manual Integrations

umangi

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#62

Azobenzene

Concen: 29.60 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Tgt Ion: 77 Resp: 384373

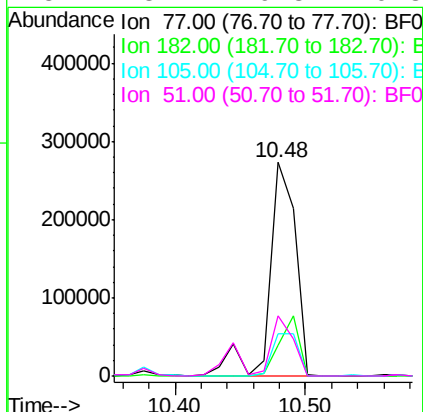
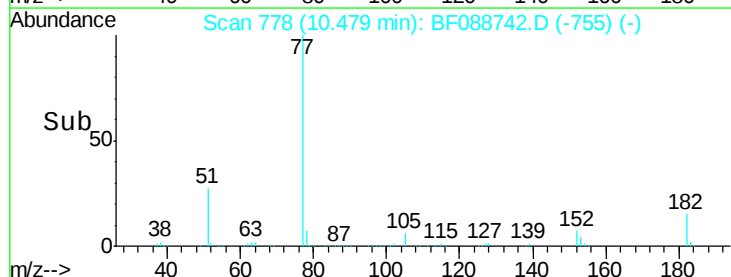
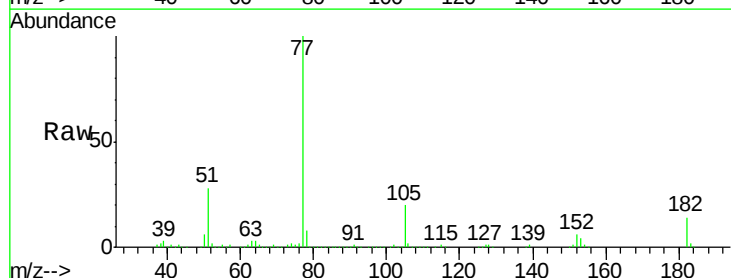
Ion Ratio Lower Upper

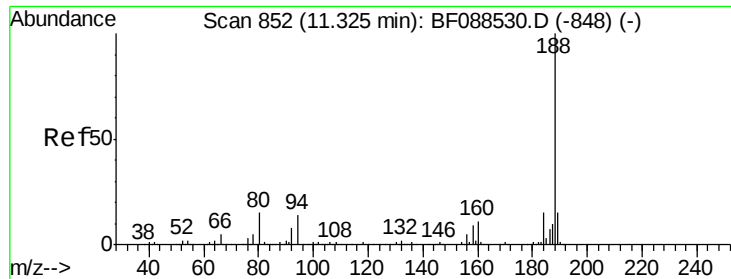
77 100

182 14.4 4.4 44.4

105 19.7 3.8 43.8

51 28.4 9.3 49.3





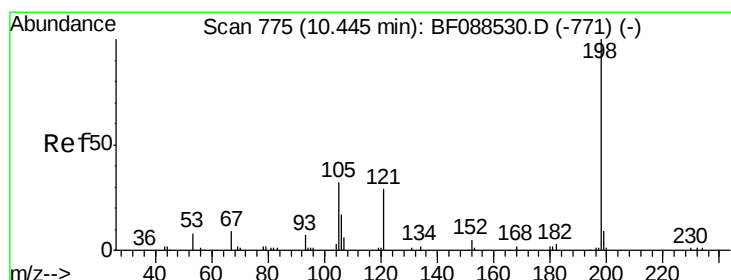
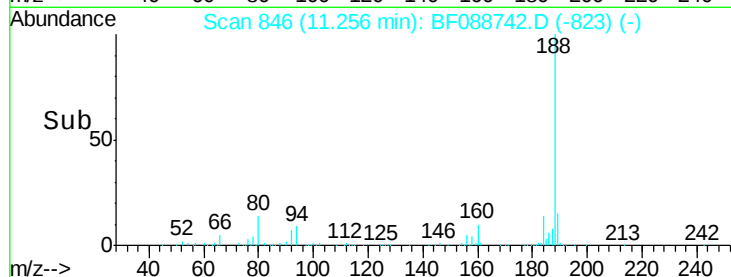
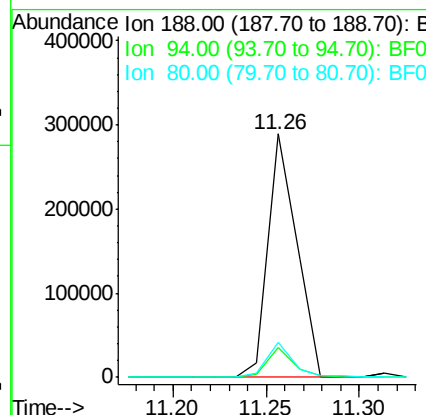
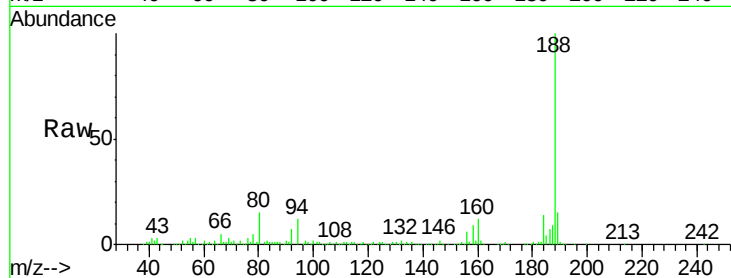
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	308026		
94	12.4		9.0	13.6
80	14.6		10.0	15.0

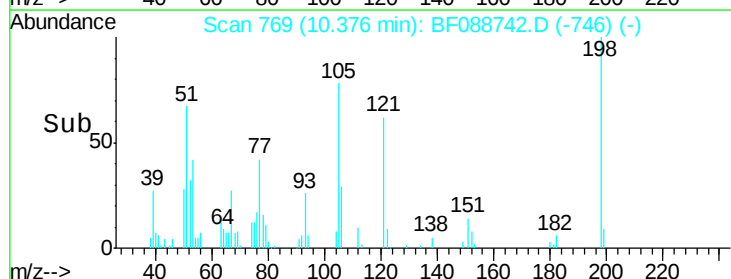
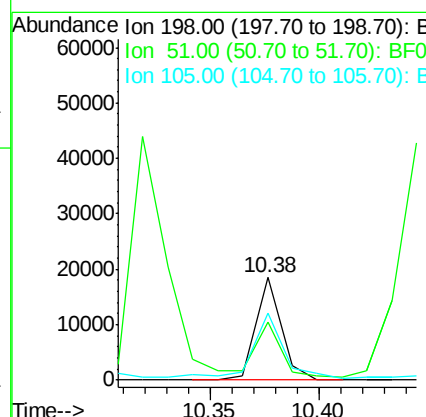
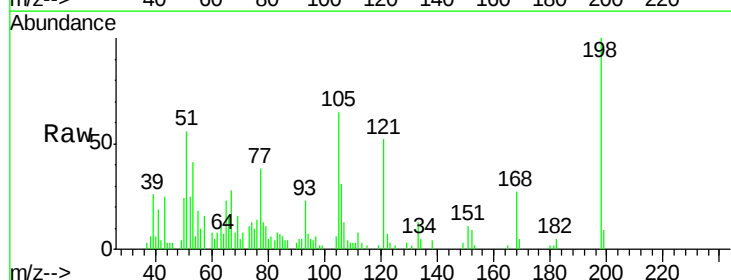
Manual Integrations

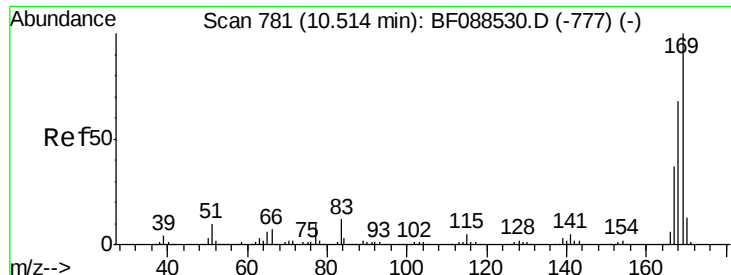
umangi
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#64
4,6-Dinitro-2-methylphenol
Concen: 9.11 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	15012		
51	56.4		39.6	79.6
105	65.0		36.6	76.6





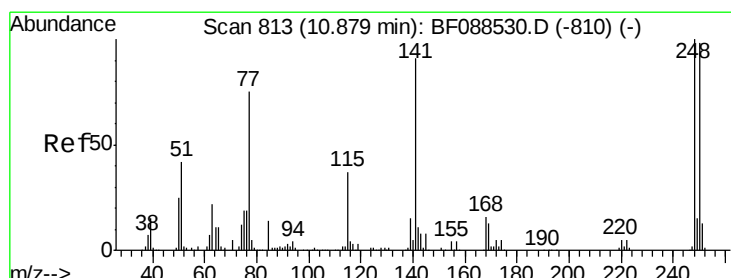
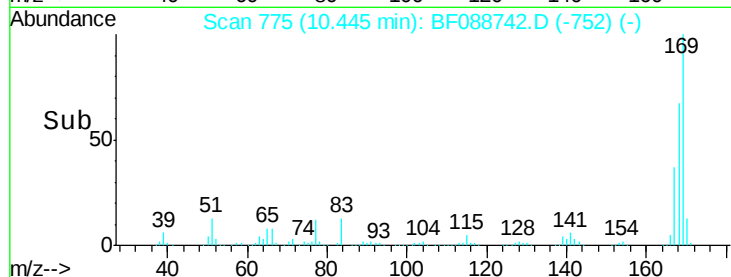
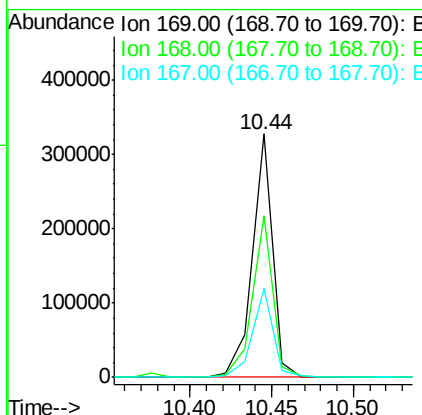
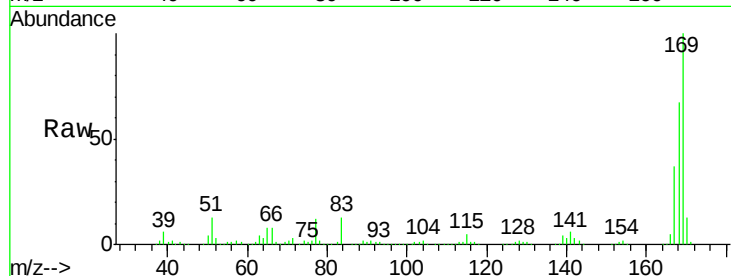
#65
n-Nitrosodiphenylamine
Concen: 27.01 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		281544		
168	66.5	53.4	80.0		
167	36.6	29.4	44.0		

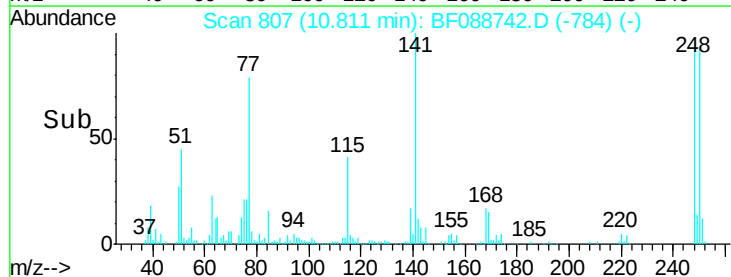
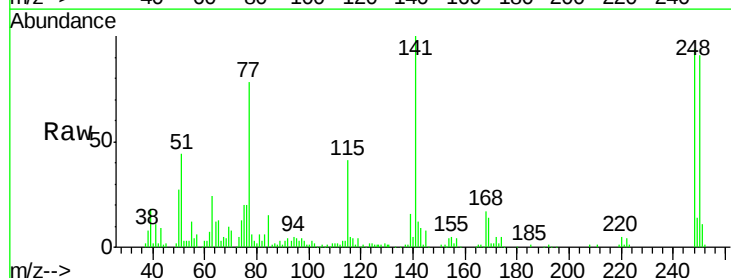
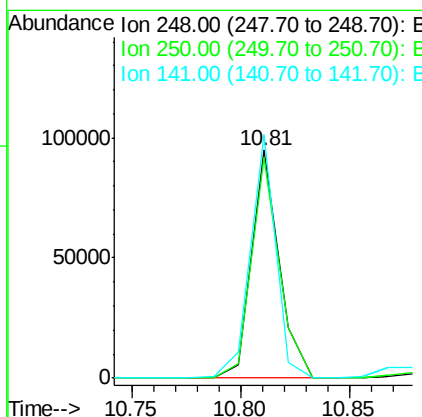
Manual Integrations

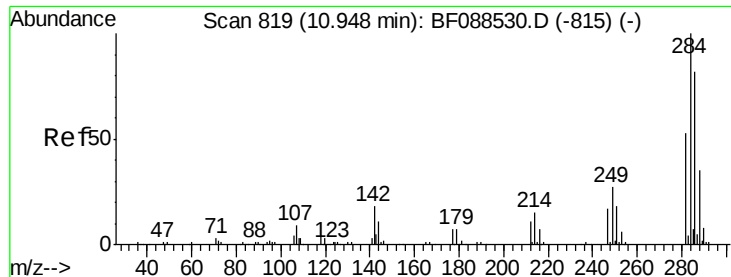
umangi
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#66
4-Bromophenyl-phenylether
Concen: 26.79 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		83165		
250	96.9	77.1	115.7		
141	106.9	50.6	76.0		





#67

Hexachlorobenzene

Concen: 29.04 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:284 Resp: 99771

Ion Ratio Lower Upper

284 100

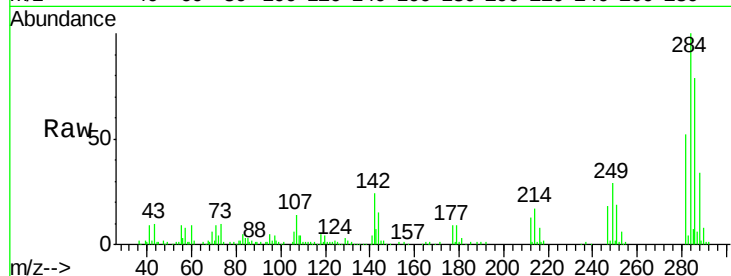
142 23.8 35.8 53.8#

249 29.4 25.8 38.6

Manual Integrations

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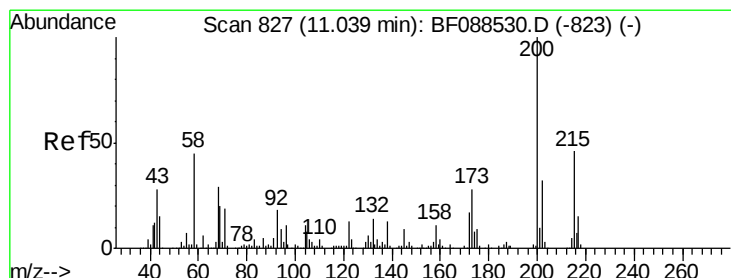
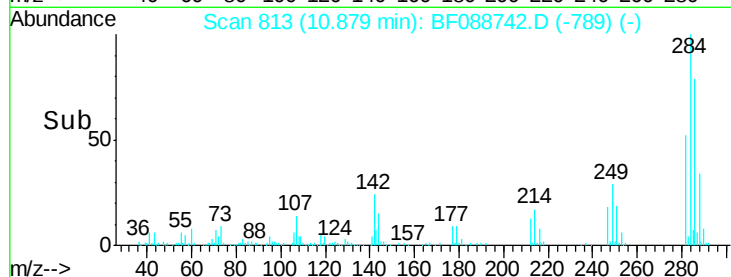
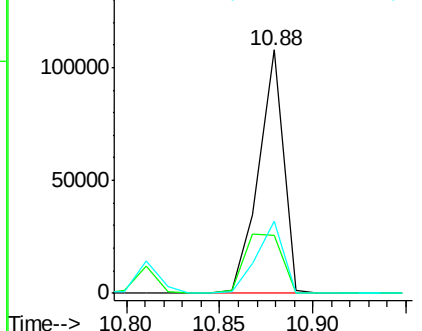
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 28.88 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

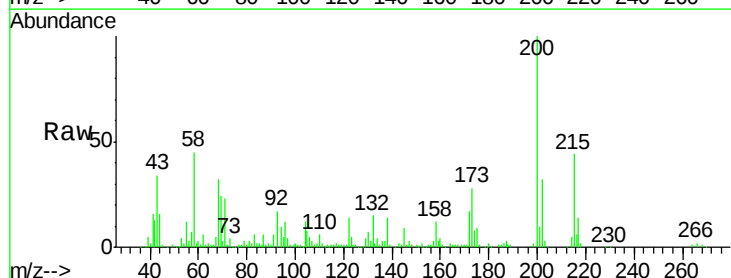
Tgt Ion:200 Resp: 93803

Ion Ratio Lower Upper

200 100

173 27.8 4.0 44.0

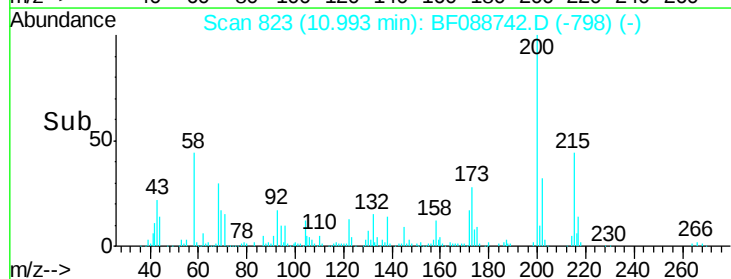
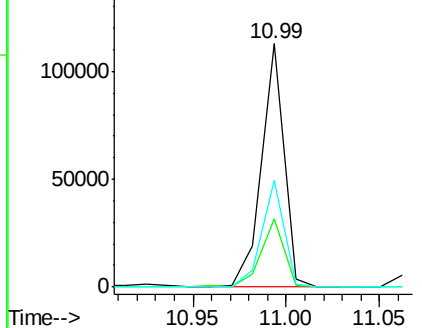
215 44.0 29.3 69.3



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





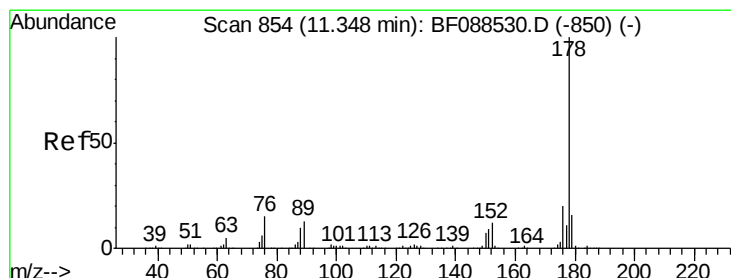
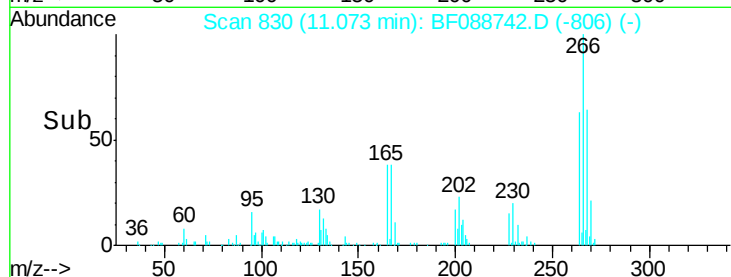
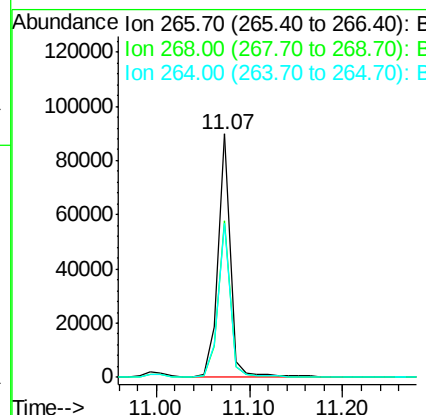
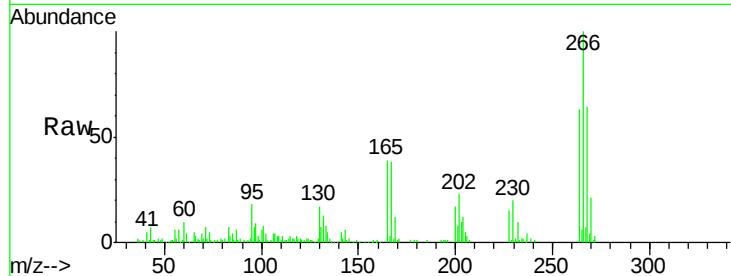
#69
 Pentachlorophenol
 Concen: 40.89 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.8	79.2
264	63.0	49.6	74.4

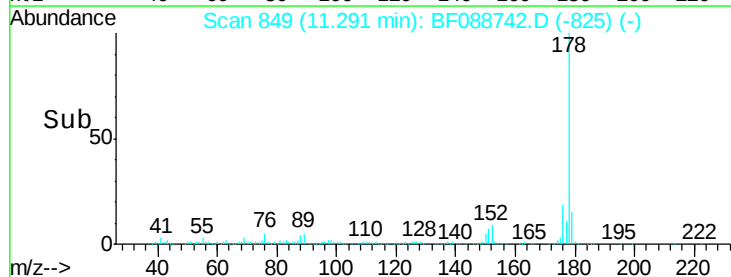
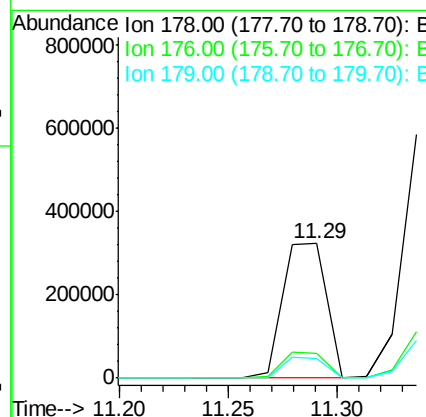
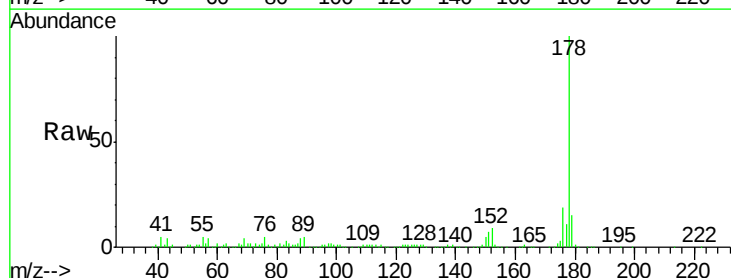
Manual Integrations

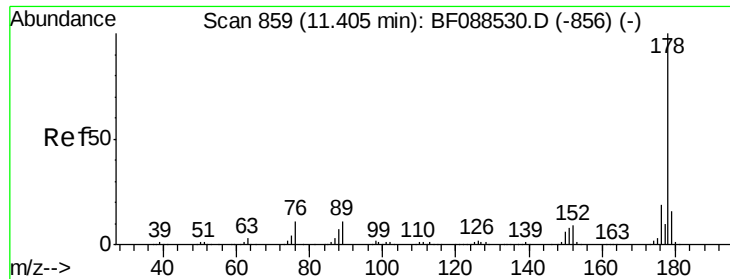
umangi
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#70
 Phenanthrene
 Concen: 26.89 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	14.9	13.0	19.4





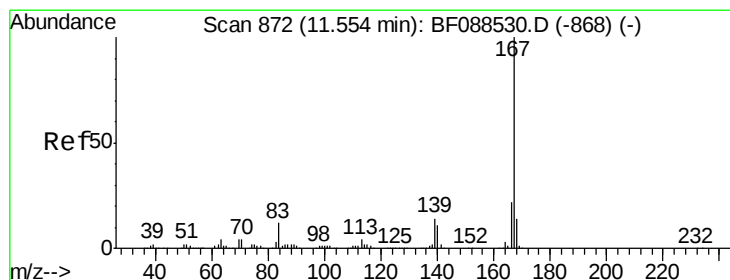
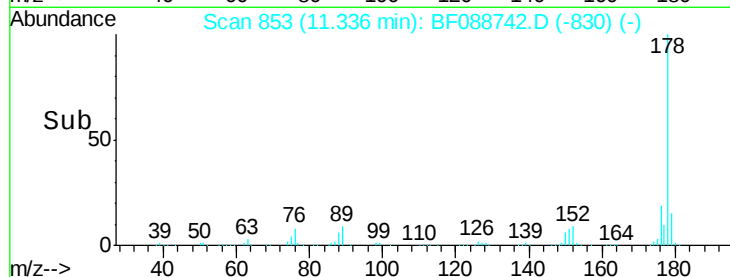
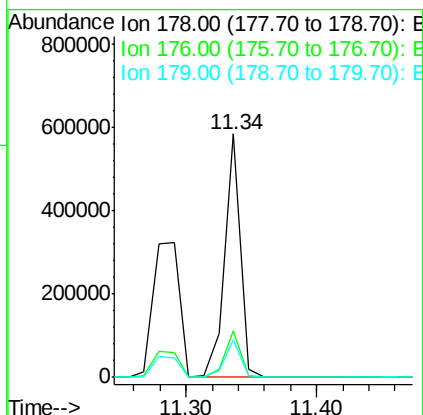
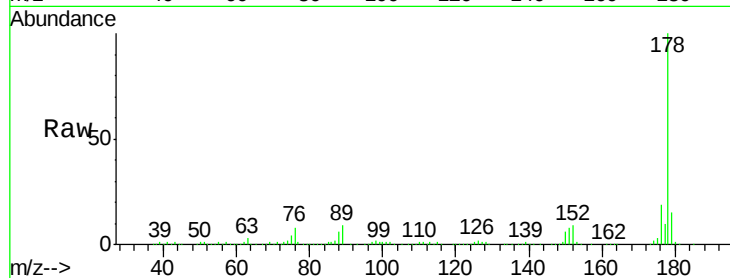
#71
 Anthracene
 Concen: 29.36 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.9	15.6	23.4	
179	15.5	12.8	19.2	

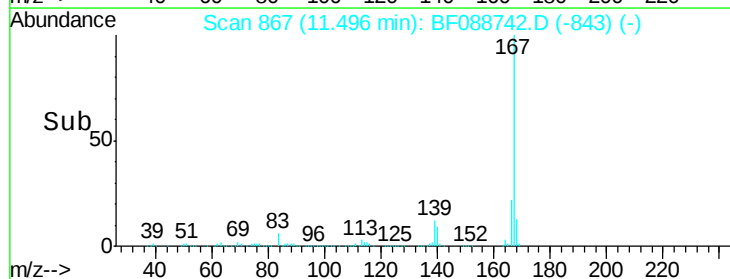
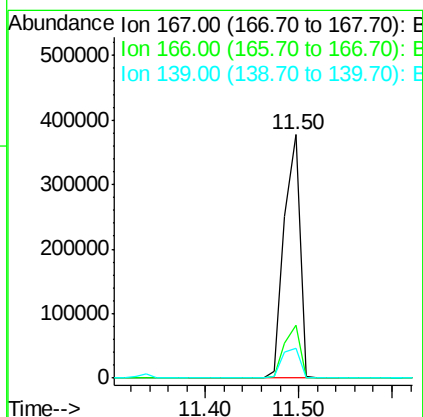
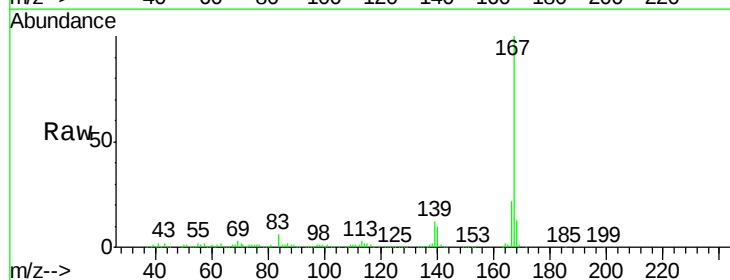
Manual Integrations

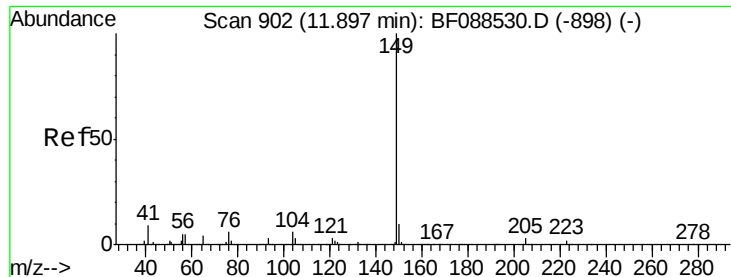
umangi
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#72
 Carbazole
 Concen: 28.13 ng
 RT: 11.50 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.7	17.8	26.6	
139	12.3	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 28.08 ng

RT: 11.84 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:149 Resp: 514619

Ion Ratio Lower Upper

149 100

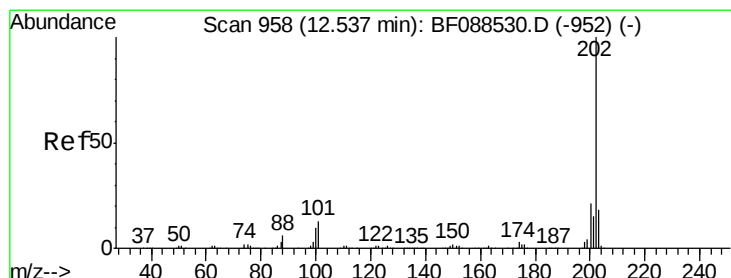
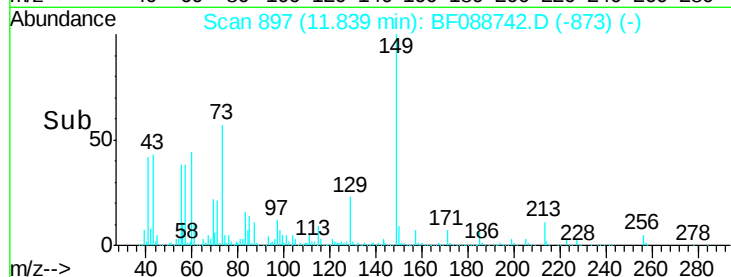
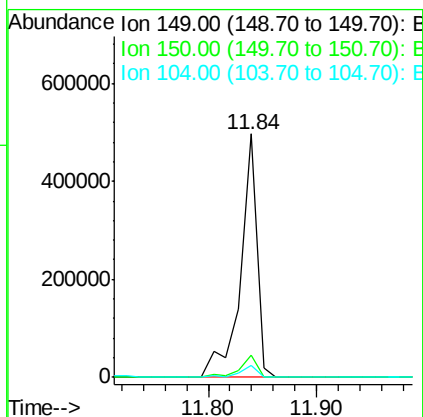
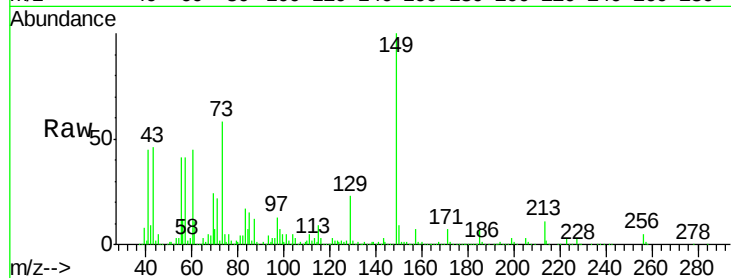
150 9.3 7.8 11.6

104 5.1 4.0 6.0

Manual Integrations

umangi

7/7/2016 6:07:58 PM



#74

Fluoranthene

Concen: 29.89 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

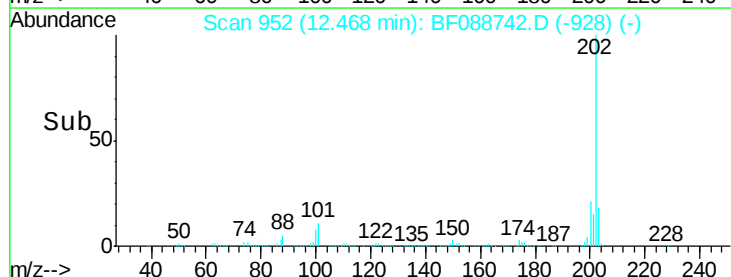
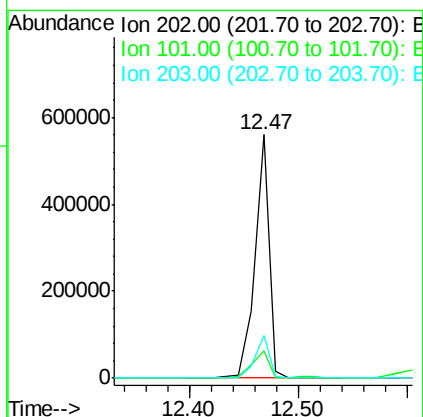
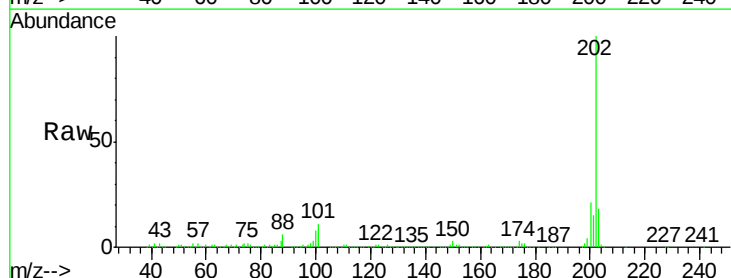
Tgt Ion:202 Resp: 510260

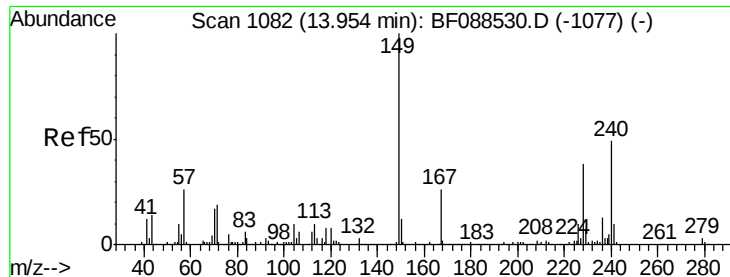
Ion Ratio Lower Upper

202 100

101 11.1 0.0 33.1

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:240 Resp: 253657

Ion Ratio Lower Upper

240 100

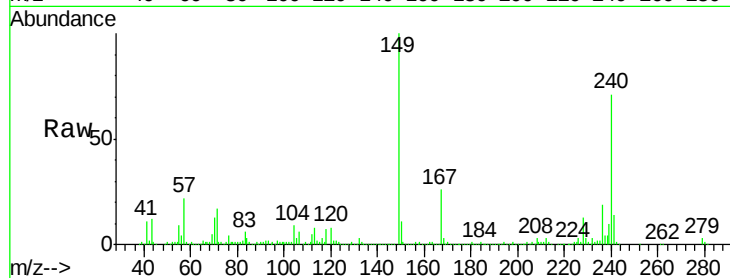
120 10.9 6.8 10.2#

236 26.2 20.2 30.2

Manual Integrations

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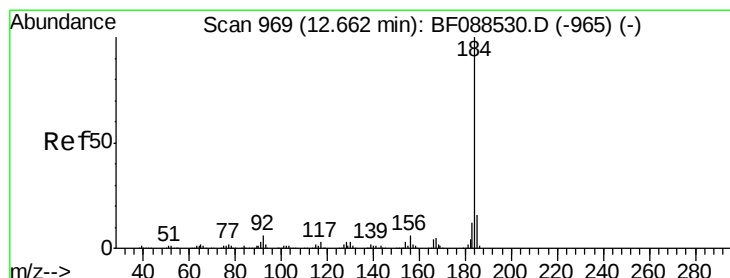
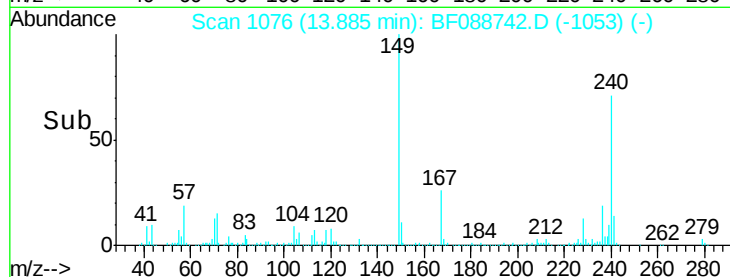
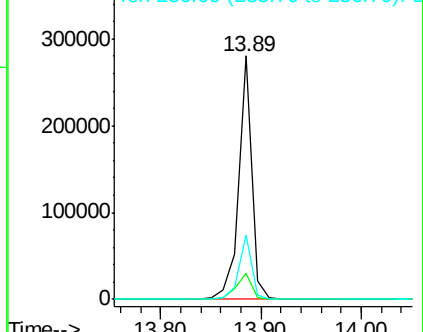
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.73 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

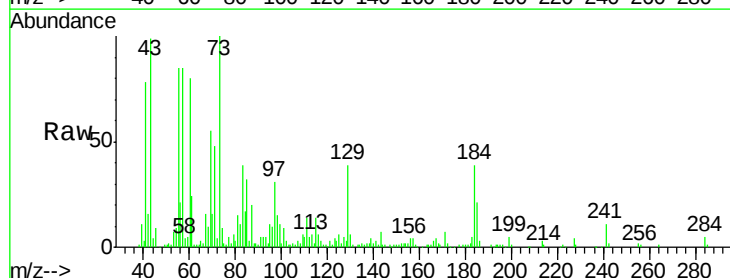
Tgt Ion:184 Resp: 60649

Ion Ratio Lower Upper

184 100

185 52.1 12.5 18.7#

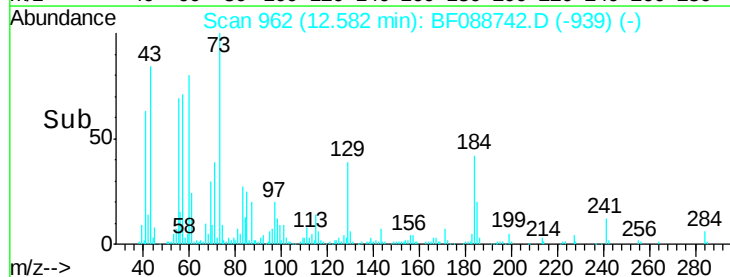
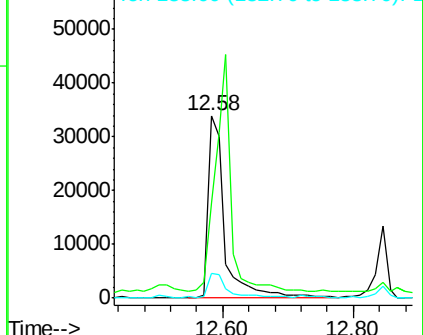
183 13.7 9.3 13.9

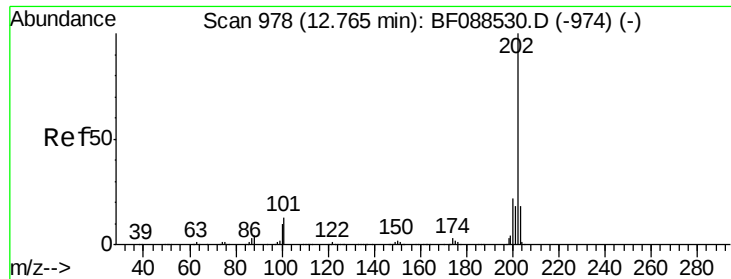


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





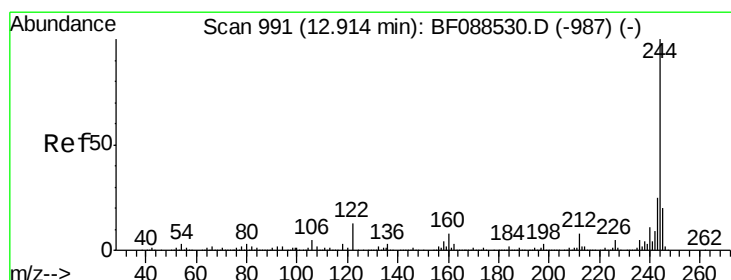
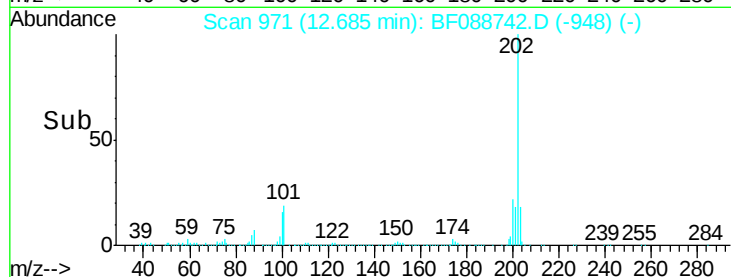
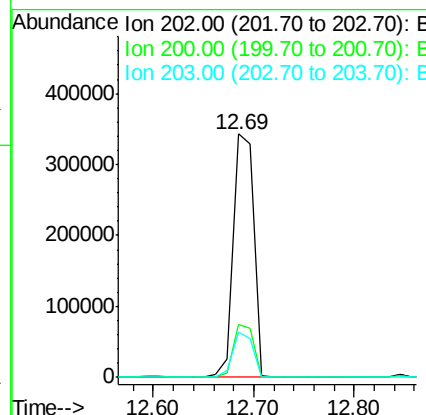
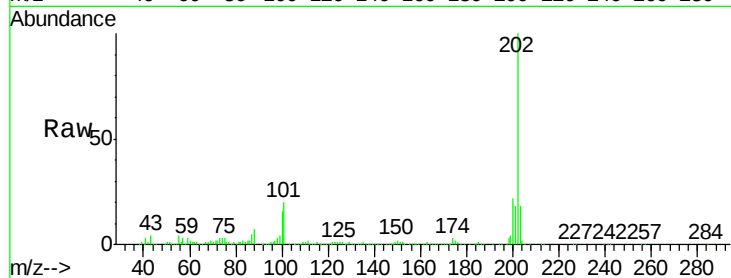
#77
Pvrene
Concen: 22.60 ng
RT: 12.69 min Scan# 971
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.5	14.5	21.7

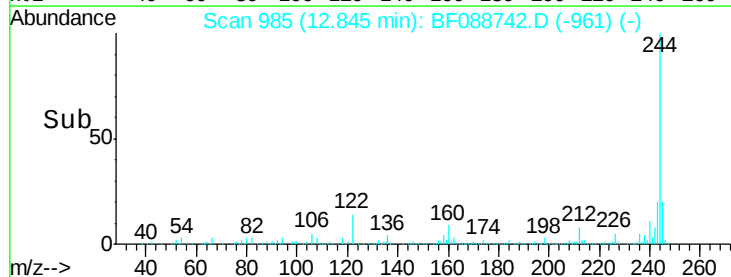
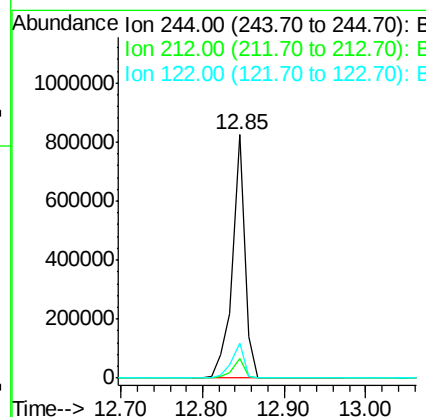
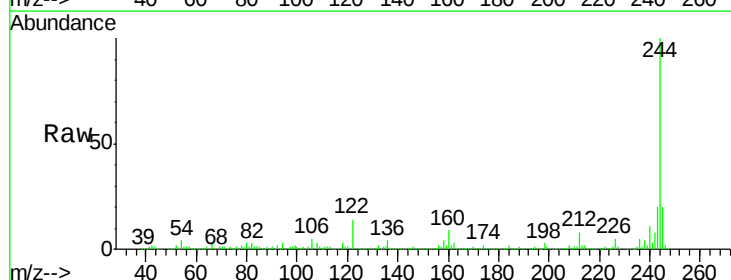
Manual Integrations

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#78
Terphenyl-d14
Concen: 76.81 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	14.2	11.2	16.8





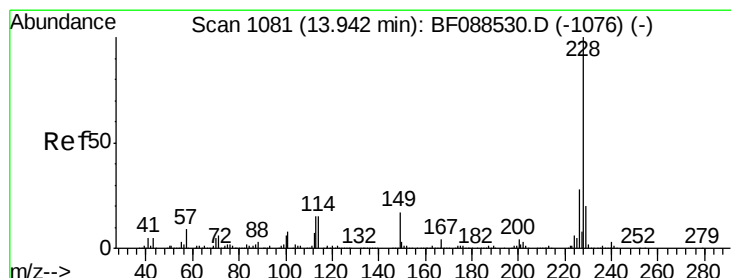
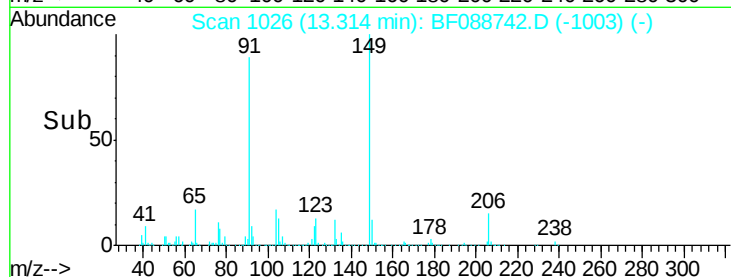
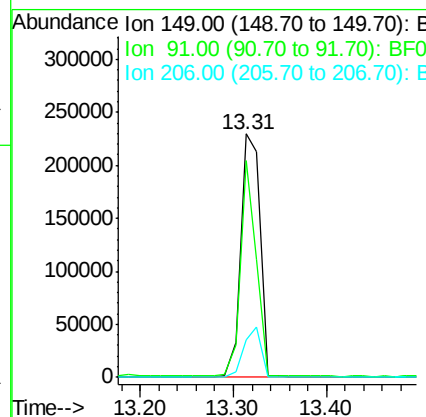
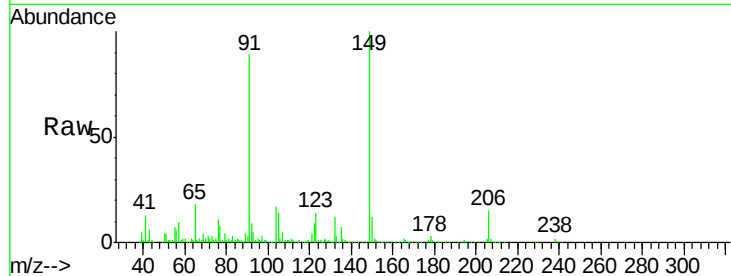
#79
Butylbenzylphthalate
Concen: 34.16 ng
RT: 13.31 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	89.2	48.0	72.0#
206	15.4	16.0	24.0#

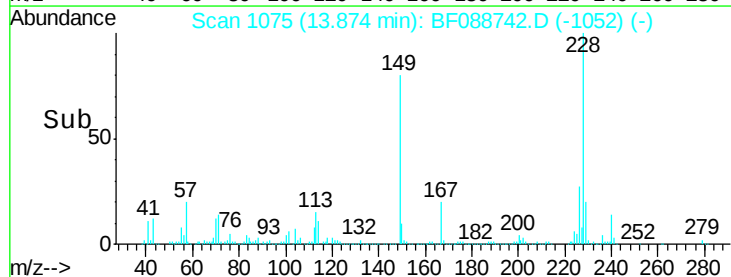
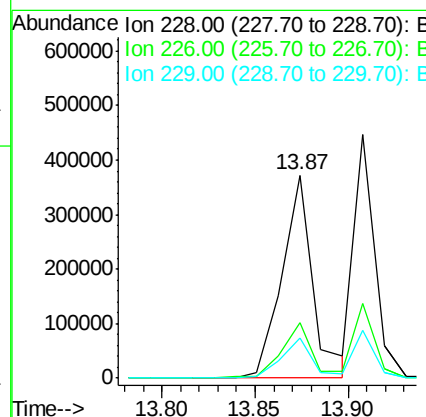
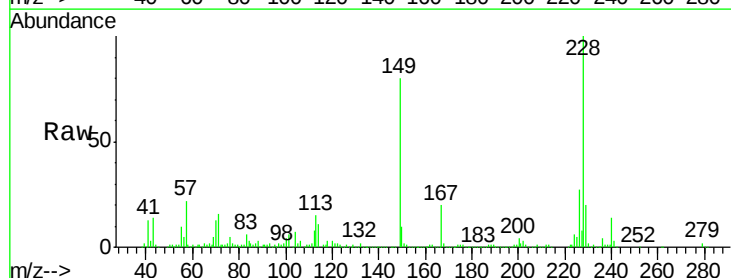
Manual Integrations

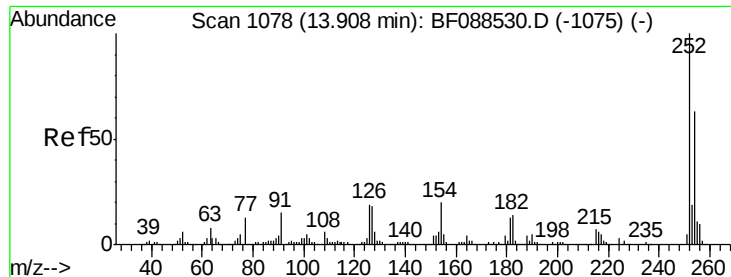
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#80
Benzo(a)anthracene
Concen: 26.31 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.9	16.0	24.0





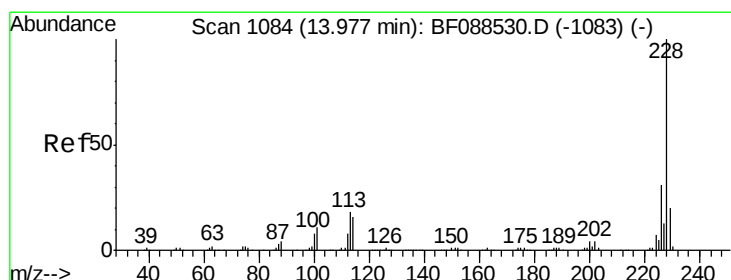
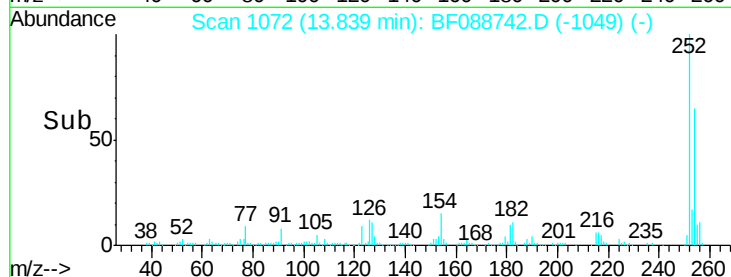
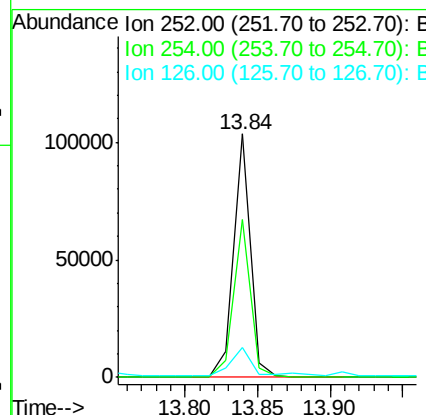
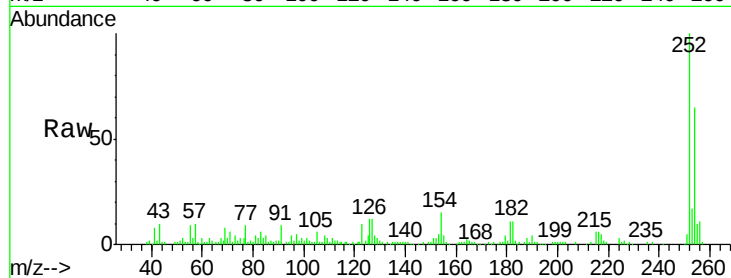
#81
 3,3'-Dichlorobenzidine
 Concen: 13.59 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	78.8
126	12.2	6.2	9.2

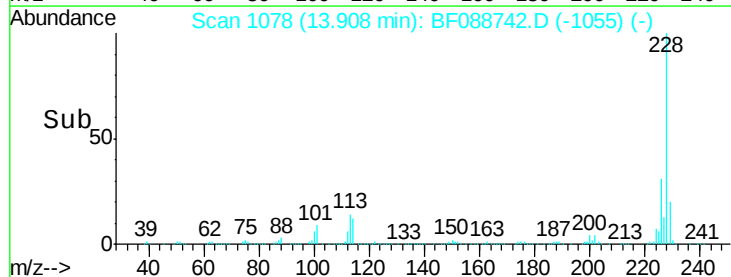
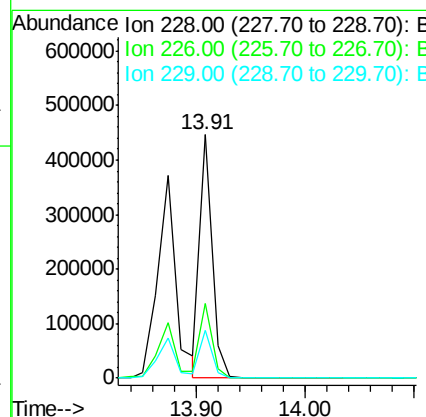
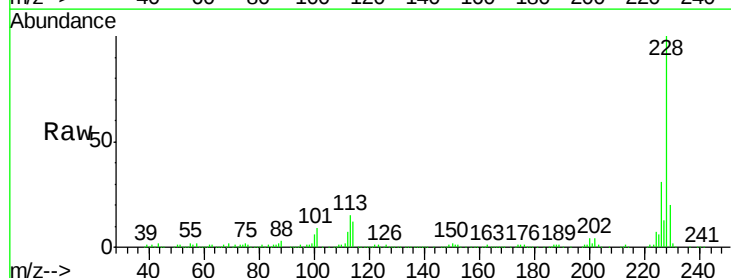
Manual Integrations

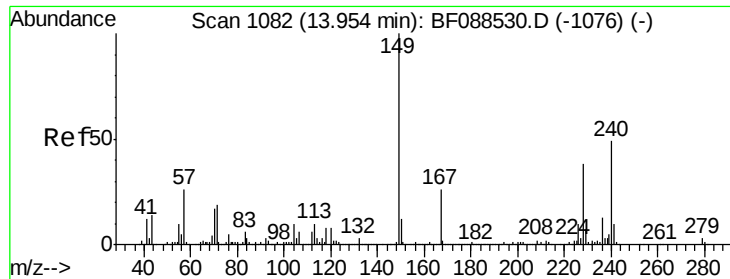
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#82
 Chrysene
 Concen: 21.87 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	19.8	16.3	24.5





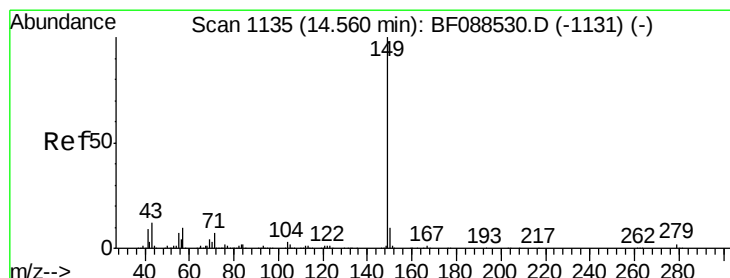
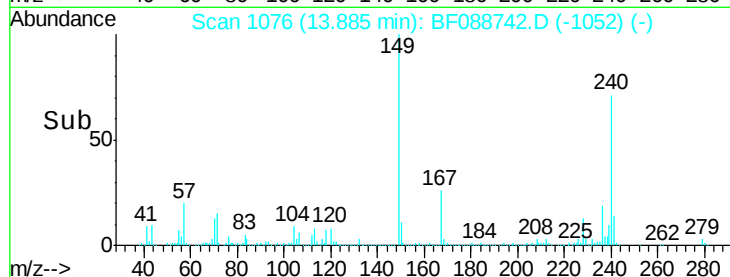
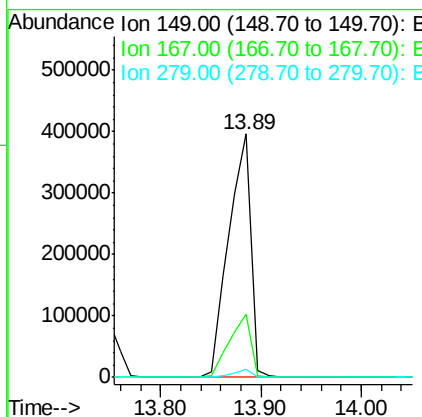
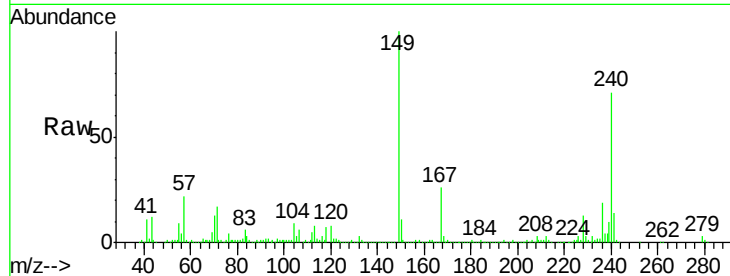
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.06 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.5	30.7
279	3.4	2.0	3.0#

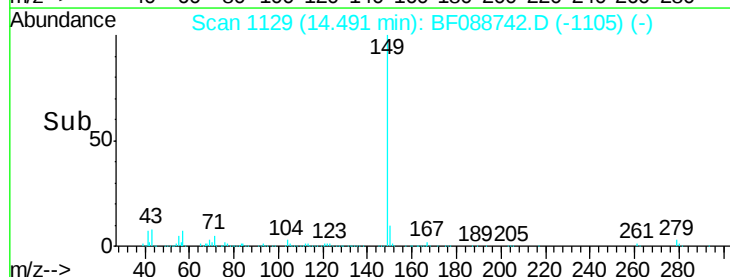
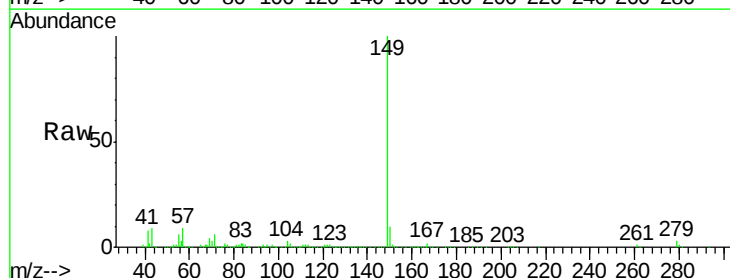
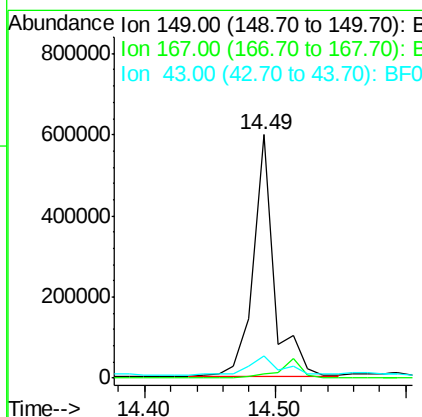
Manual Integrations

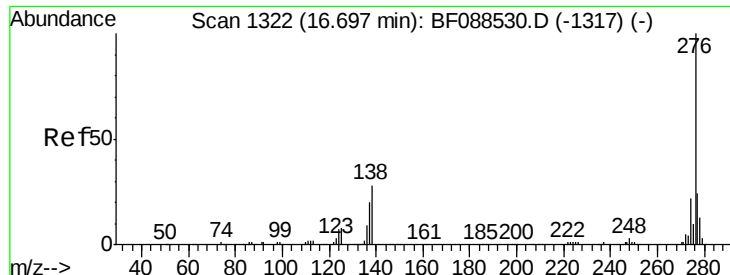
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#84
 Di-n-octyl phthalate
 Concen: 36.17 ng
 RT: 14.49 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	12.1	0.0	0.0#





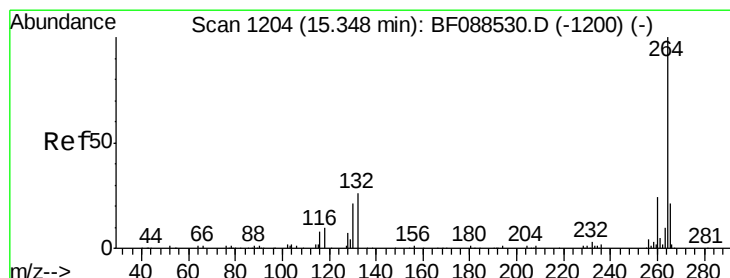
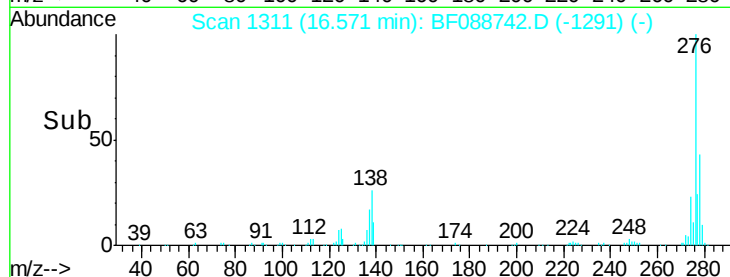
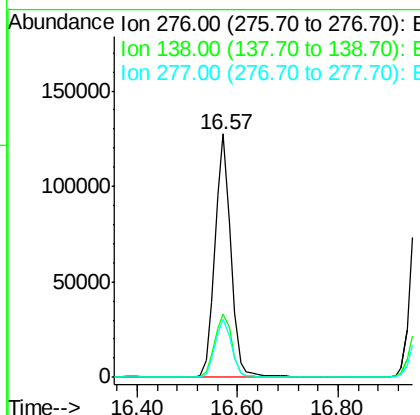
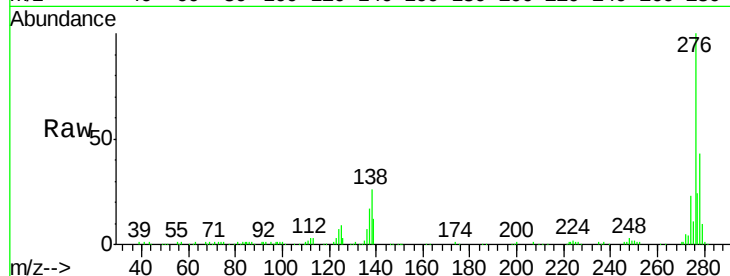
#85
Indeno(1,2,3-cd)pyrene
Concen: 22.51 ng
RT: 16.57 min Scan# 1311
Delta R.T. -0.07 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	279848		
138	28.6	0.0	0.0	0.0
277	25.0	0.0	0.0	0.0

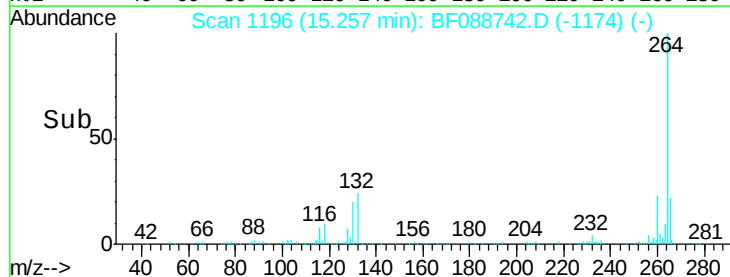
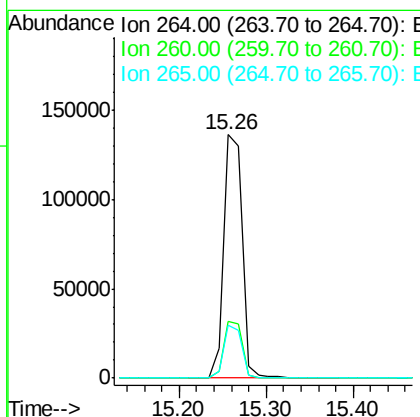
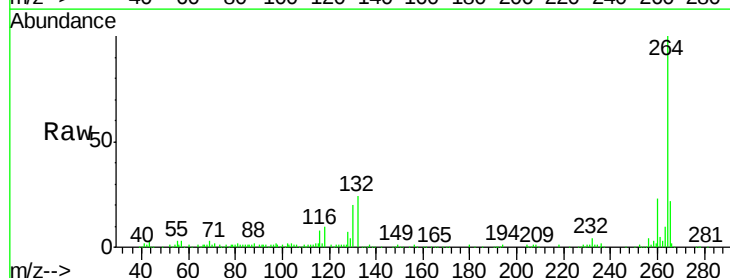
Manual Integrations

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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	202116		
260	23.4	19.2	28.8	
265	21.6	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 27.09 ng m

RT: 14.88 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Instrument :

BNA_F

ClientSampleId :

SB-13-COMPMSD

Tot Ion:252 Resp: 343485

Ion Ratio Lower Upper

252 100

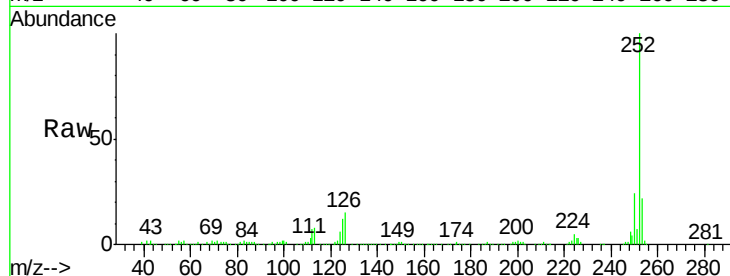
253 22.0 17.4 26.2

125 12.2 7.1 10.7#

Manual Integrations

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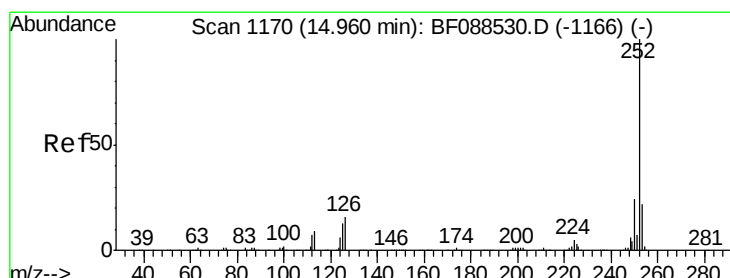
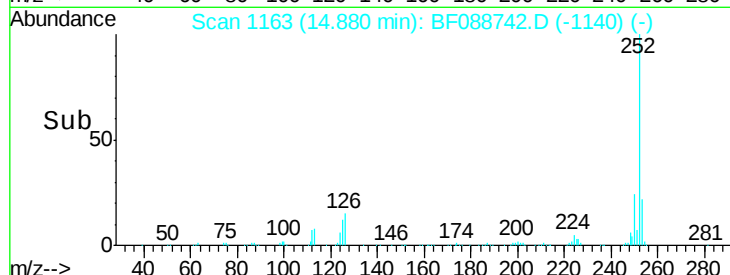
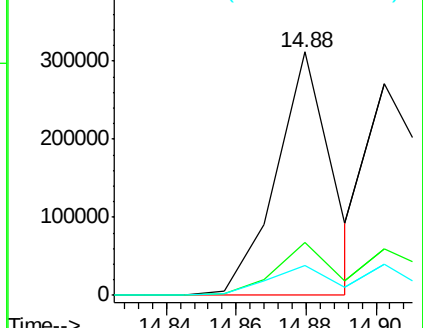
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 28.55 ng m

RT: 14.90 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF088742.D

Acq: 6 Jul 2016 19:03

Tgt Ion:252 Resp: 315122

Ion Ratio Lower Upper

252 100

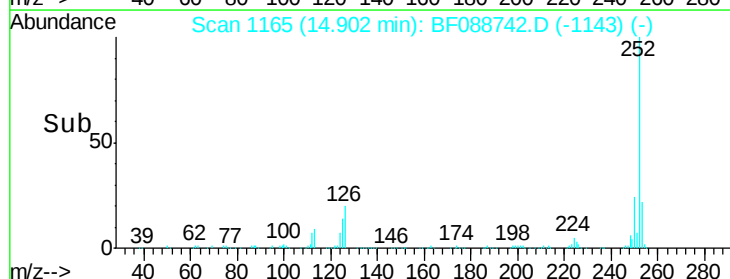
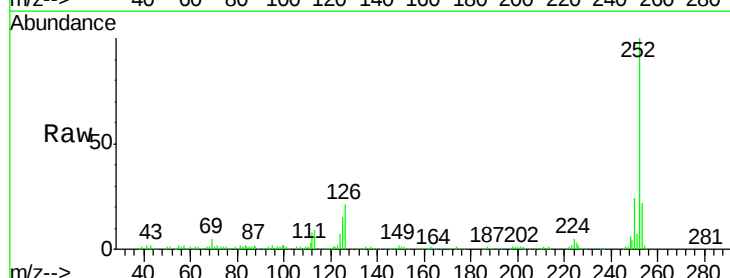
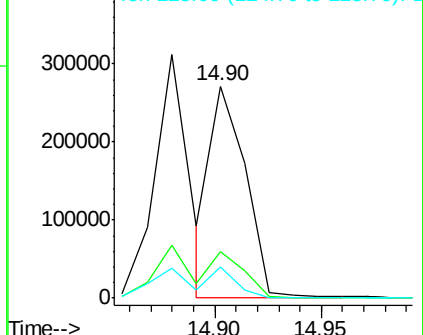
253 22.2 18.0 27.0

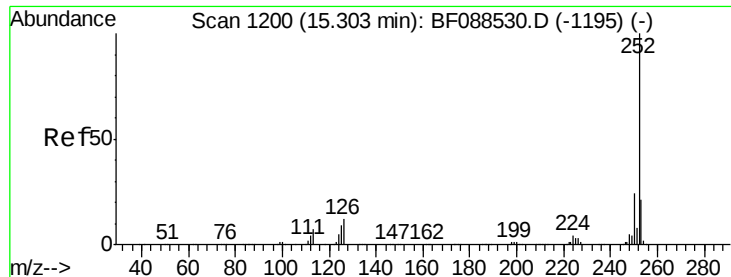
125 14.7 11.2 16.8

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





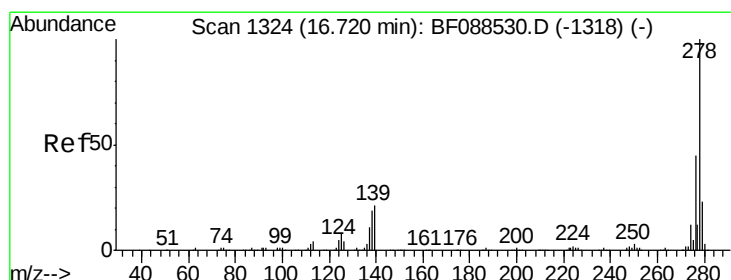
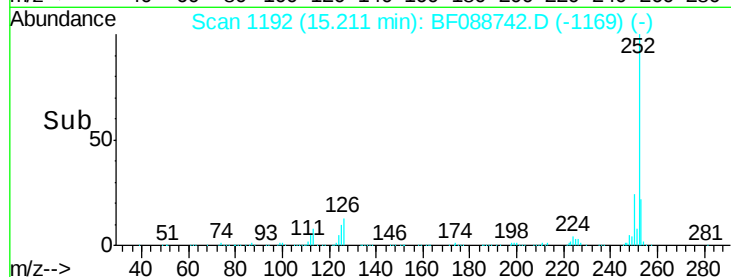
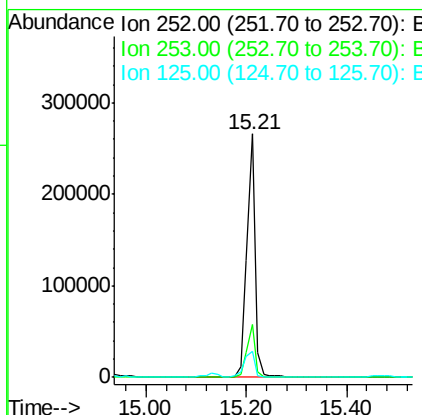
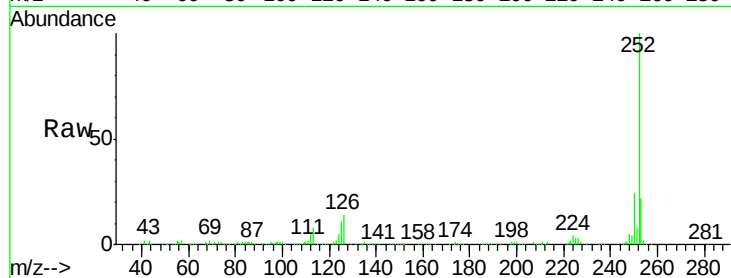
#89
Benzo(a)pyrene
Concen: 28.69 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Instrument :
BNA_F
ClientSampleId :
SB-13-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.6	12.5	18.7

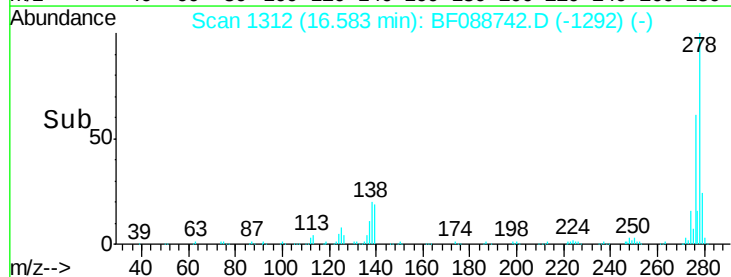
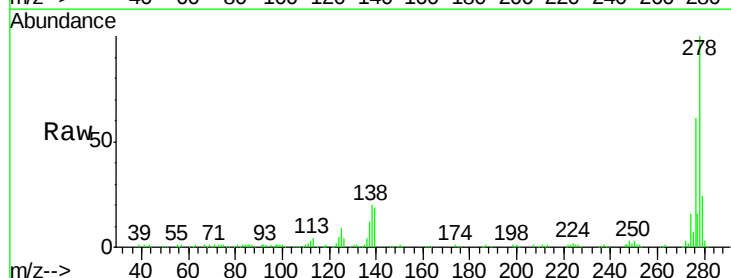
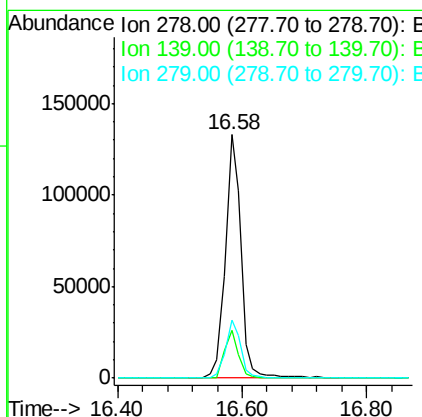
Manual Integrations

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#90
Dibenzo(a,h)anthracene
Concen: 25.85 ng
RT: 16.58 min Scan# 1312
Delta R.T. -0.07 min
Lab File: BF088742.D
Acq: 6 Jul 2016 19:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.7	23.5
279	23.7	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 24.89 ng
 RT: 16.96 min Scan# 1345
 Delta R.T. -0.08 min
 Lab File: BF088742.D
 Acq: 6 Jul 2016 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Tot Ion:	276	Resp:	230867
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.9	28.3
138	25.5	21.4	32.2

Manual Integrations

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