

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088904.D
 Acq On : 11 Jul 2016 17:29
 Operator : UM/SJ
 Sample : H3813-20MSD 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Manual Integrations

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 7/12/2016 7:36:38 PM

Quant Time: Jul 12 11:34:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	85301	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	365507	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	160473	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	274406	20.00	ng	0.00
75) Chrysene-d12	13.84	240	177673	20.00	ng	-0.01
86) Perylene-d12	15.21	264	155744	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	209	0.04	ng	0.10
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.27	82	13591	1.95	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.07	172	27575	2.71	ng	0.00
78) Terphenyl-d14	12.80	244	22910	2.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	2654	0.94	ng	# 52
3) Pyridine	3.00	79	985	0.12	ng	# 1
4) n-Nitrosodimethylamine	2.75	42	2308	0.74	ng	# 1
6) Aniline	6.40	93	2743	0.26	ng	# 45
9) Benzaldehyde	6.25	77	2489	0.50	ng	90
11) bis(2-Chloroethyl)ether	6.44	93	3006	0.48	ng	85
12) 1,3-Dichlorobenzene	6.65	146	3298m	0.49	ng	
13) 1,4-Dichlorobenzene	6.73	146	3192	0.48	ng	95
14) 1,2-Dichlorobenzene	6.88	146	3250m	0.52	ng	
15) Benzyl Alcohol	6.86	79	3830	0.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	4015	0.44	ng	86
18) Hexachloroethane	7.22	117	762	0.29	ng	90
19) n-Nitroso-di-n-propylamine	7.12	70	2286	0.46	ng	# 94
22) Acetophenone	7.12	105	4253	0.48	ng	# 92
24) Nitrobenzene	7.29	77	3430	0.49	ng	# 90
25) Isophorone	7.53	82	6535	0.51	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	3776	0.45	ng	# 88
30) 1,2,4-Trichlorobenzene	7.94	180	2812	0.53	ng	97
31) Naphthalene	8.02	128	8539	0.47	ng	97
33) 4-Chloroaniline	8.07	127	231	0.03	ng	# 46
34) Hexachlorobutadiene	8.15	225	1501	0.53	ng	95
35) Caprolactam	8.39	113	301	0.18	ng	# 85
37) 2-Methylnaphthalene	8.71	142	5954m	0.51	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	2511	0.47	ng	# 1
45) 1,1'-Biphenyl	9.18	154	6754	0.51	ng	93
46) 2-Chloronaphthalene	9.19	162	5282	0.51	ng	93
47) 2-Nitroaniline	9.29	65	604	0.16	ng	88
48) Acenaphthylene	9.60	152	4584	0.28	ng	97
49) Dimethylphthalate	9.47	163	5680	0.50	ng	# 96
50) 2,6-Dinitrotoluene	9.53	165	848	0.33	ng	# 73
51) Acenaphthene	9.77	154	2273	0.22	ng	# 88
52) 3-Nitroaniline	9.69	138	218	0.07	ng	# 70
54) Dibenzofuran	9.94	168	7110	0.53	ng	# 80
56) 2,4-Dinitrotoluene	9.93	165	939	0.28	ng	# 60

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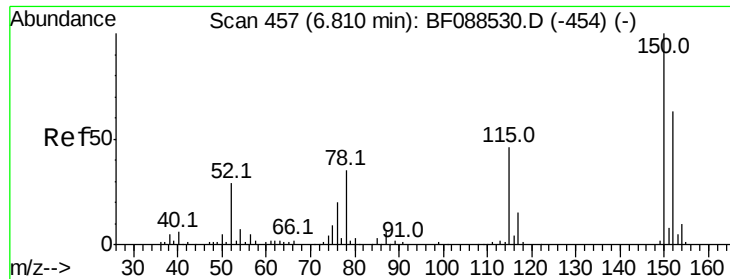
Manual Integrations

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Quant Time: Jul 12 11:34:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) Fluorene	10.28	166	5966	0.58	nq	98
59) Diethylphthalate	10.17	149	6348	0.55	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	2925	0.61	nq	96
61) 4-Nitroaniline	10.30	138	278	0.09	nq	# 22
62) Azobenzene	10.44	77	5752	0.44	nq	94
66) 4-Bromophenyl-phenylether	10.78	248	1544	0.56	nq	90
67) Hexachlorobenzene	10.83	284	1608	0.53	nq	93
68) Atrazine	10.92	200	1339	0.46	nq	88
70) Phenanthrene	11.24	178	8625	0.57	nq	98
71) Anthracene	11.29	178	1540	0.10	nq	96
72) Carbazole	11.45	167	1998	0.14	nq	99
73) Di-n-butylphthalate	11.79	149	10631	0.65	nq	98
74) Fluoranthene	12.42	202	7972	0.52	nq	99
77) Pyrene	12.65	202	3441	0.23	nq	98
79) Butylbenzylphthalate	13.28	149	4087	0.61	nq	# 76
80) Benzo(a)anthracene	13.83	228	3027m	0.26	nq	
81) 3,3'-Dichlorobenzidine	13.81	252	464	0.11	nq	# 24
82) Chrysene	13.86	228	5707m	0.50	nq	
83) Bis(2-ethylhexyl)phthalate	13.85	149	6268	0.82	nq	# 96
84) Di-n-octyl phthalate	14.46	149	8107	0.62	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.49	276	2918	0.34	nq	# 100
87) Benzo(b)fluoranthene	14.83	252	5230m	0.54	nq	
88) Benzo(k)fluoranthene	14.86	252	3857m	0.45	nq	
89) Benzo(a)pyrene	15.22	252	714	0.09	nq	# 1
90) Dibenzo(a,h)anthracene	16.51	278	2392	0.35	nq	# 67
91) Benzo(q,h,i)perylene	16.88	276	1928	0.27	nq	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

Tot Ion:152 Resp: 85301

Ion Ratio Lower Upper

152 100

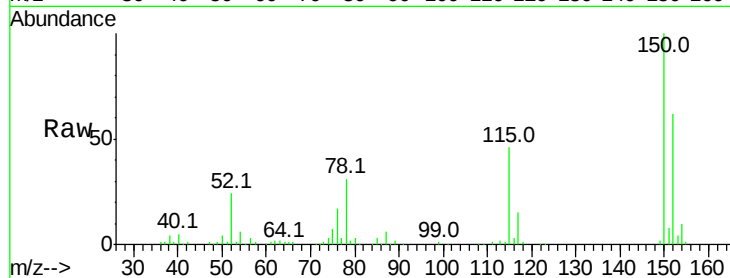
150 160.5 123.8 185.6

115 73.1 39.6 59.4#

Manual Integrations

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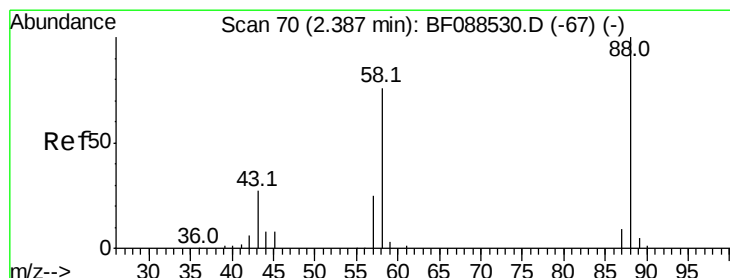
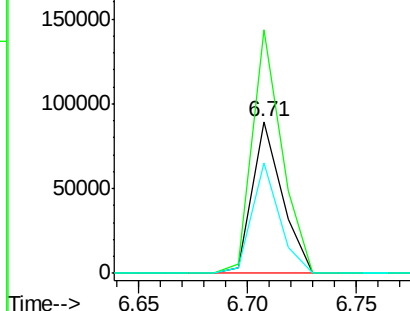
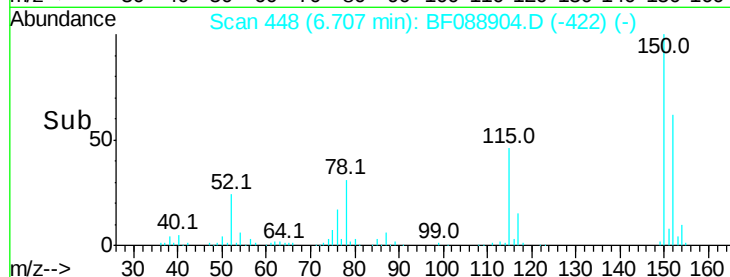
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.94 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.02 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

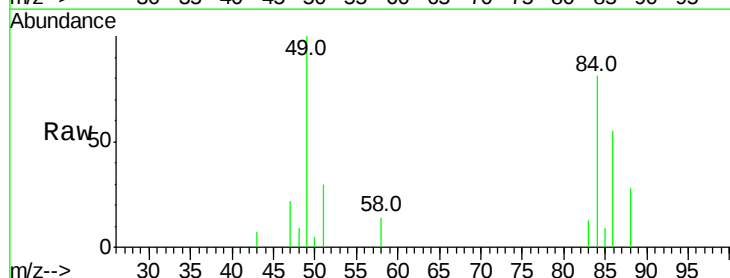
Tgt Ion: 88 Resp: 2654

Ion Ratio Lower Upper

88 100

58 38.5 0.0 0.0#

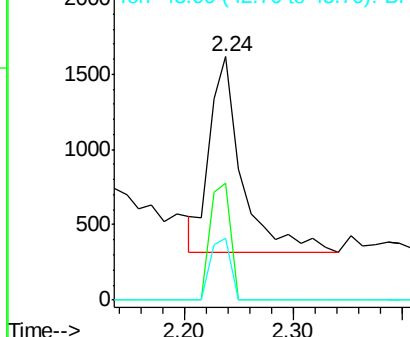
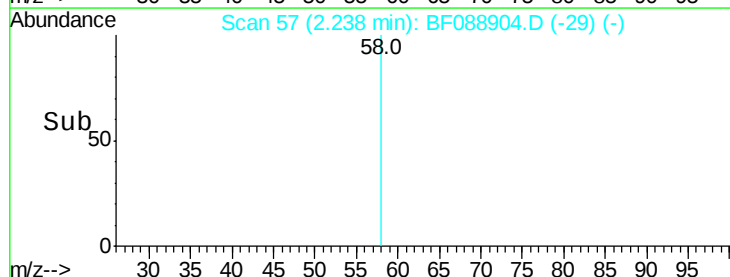
43 20.1 3.4 5.2#

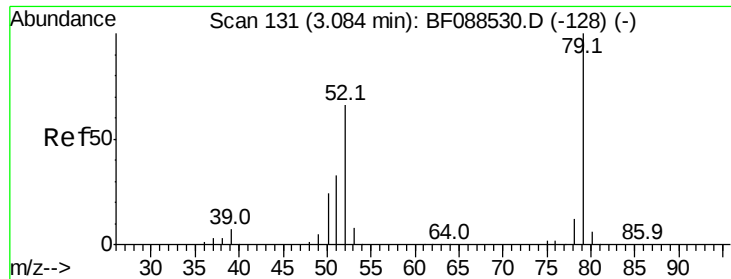


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 0.12 ng

RT: 3.00 min Scan# 124

Delta R.T. 0.13 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

Tot Ion: 79 Resp: 985

Ion Ratio Lower Upper

79 100

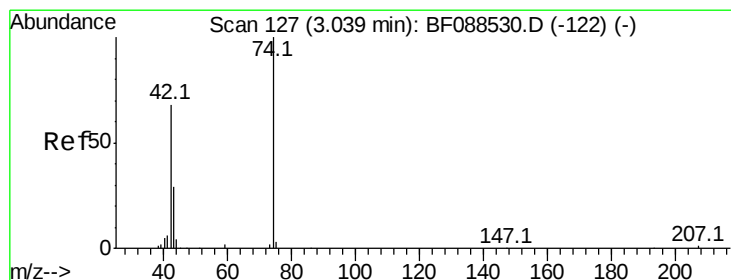
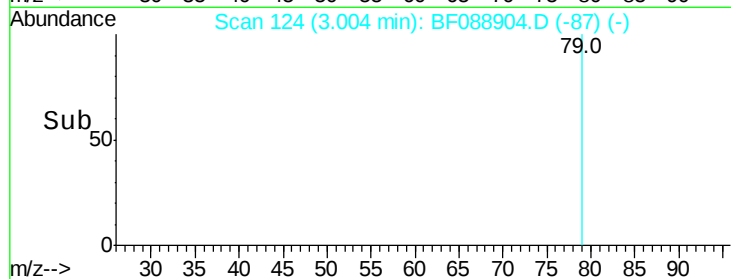
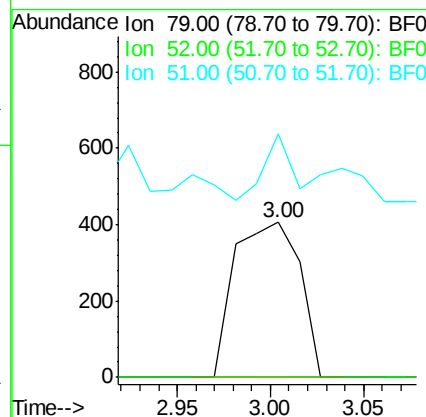
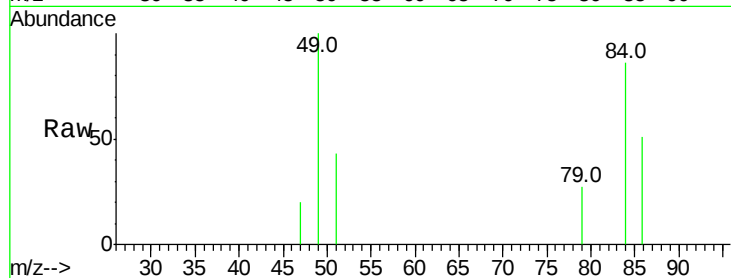
52 0.0 56.3 84.5#

51 157.1 27.4 41.2#

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 0.74 ng

RT: 2.75 min Scan# 102

Delta R.T. -0.08 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

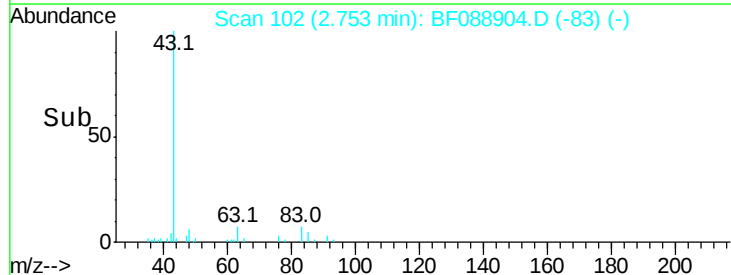
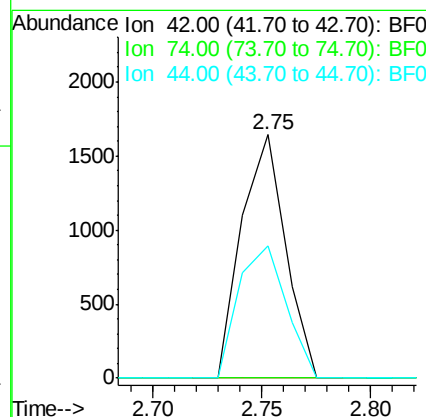
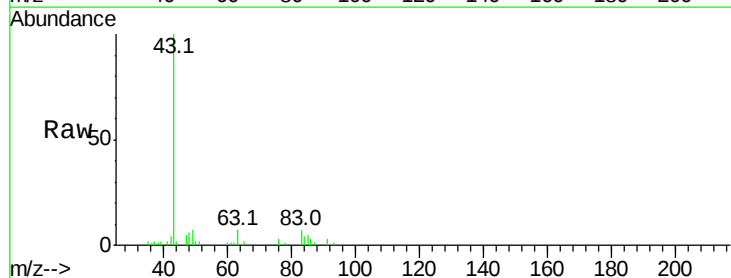
Tgt Ion: 42 Resp: 2308

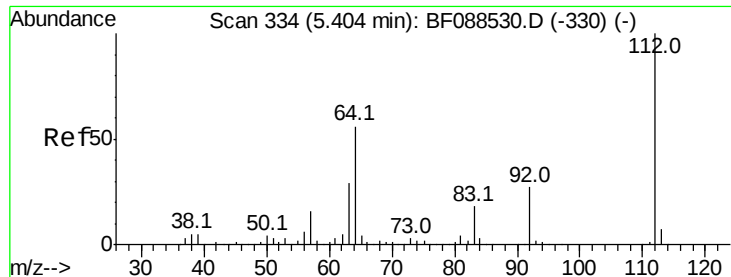
Ion Ratio Lower Upper

42 100

74 0.0 108.6 163.0#

44 54.6 5.5 8.3#





#5

2-Fluorophenol

Concen: 0.04 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.10 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

Tot Ion: 112 Resp: 209

Ion Ratio Lower Upper

112 100

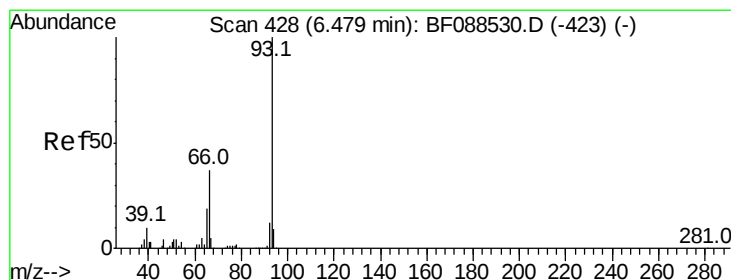
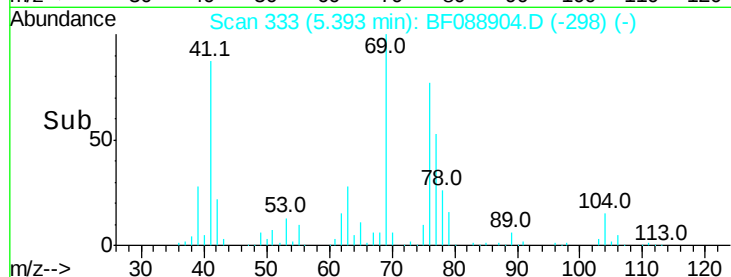
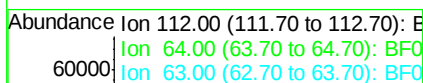
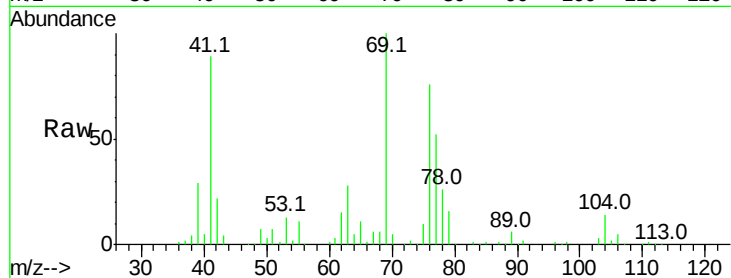
64 1884.3 42.2 63.2

63 10727.9 21.8 32.1

Manual Integrations

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#6

Aniline

Concen: 0.26 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.02 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

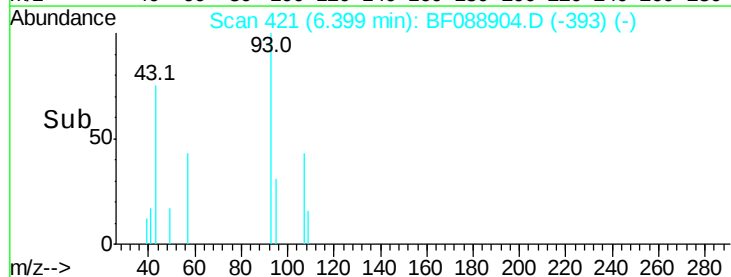
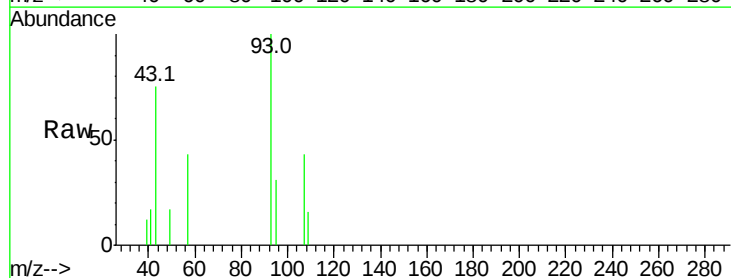
Tgt Ion: 93 Resp: 2743

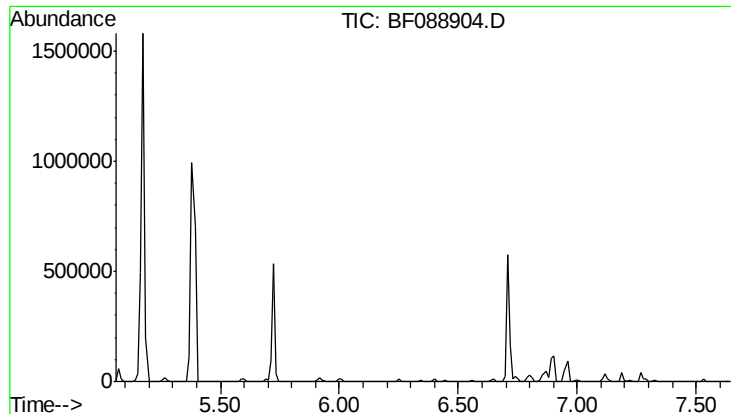
Ion Ratio Lower Upper

93 100

66 0.0 29.8 44.8#

65 0.0 14.9 22.3#





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.35 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Tot Ion: 99

Sig Exp Ratio

99 100

42 15.2

71 29.2

Instrument :

BNA_F

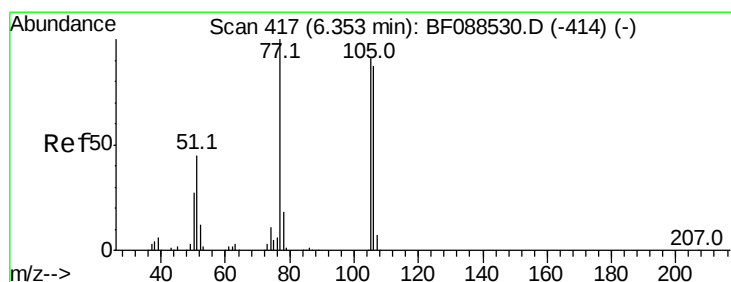
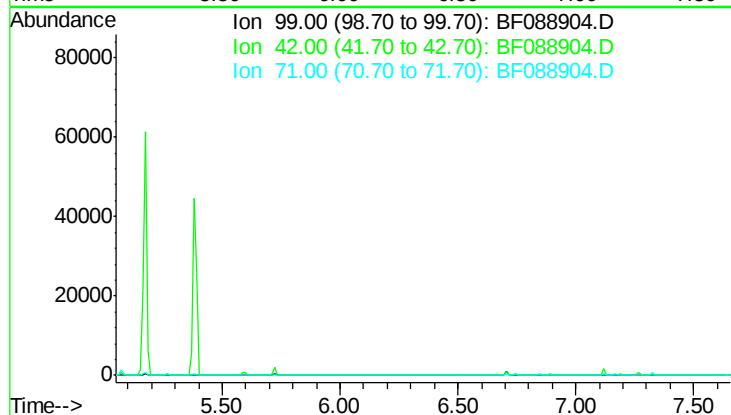
ClientSampleId :

P001-TL001-01MSD

Manual Integrations

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#9

Benzaldehyde

Concen: 0.50 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

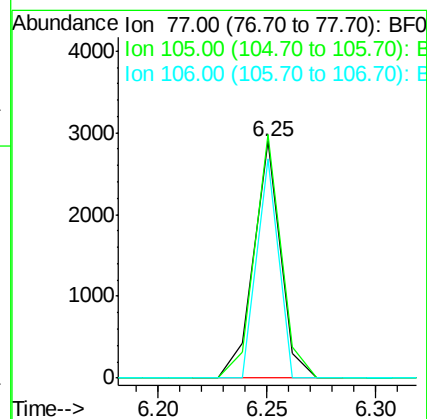
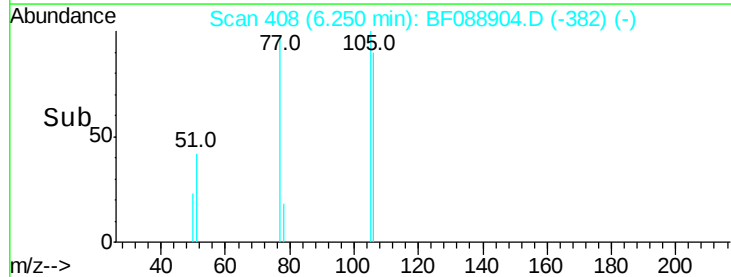
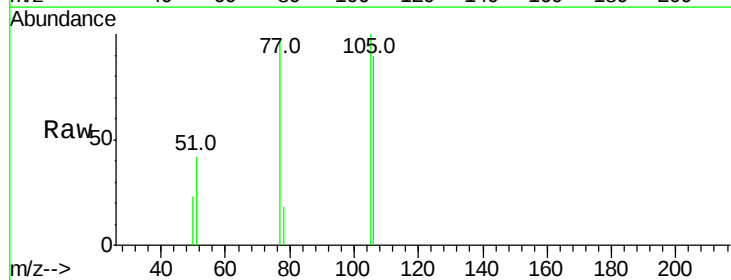
Tgt Ion: 77 Resp: 2489

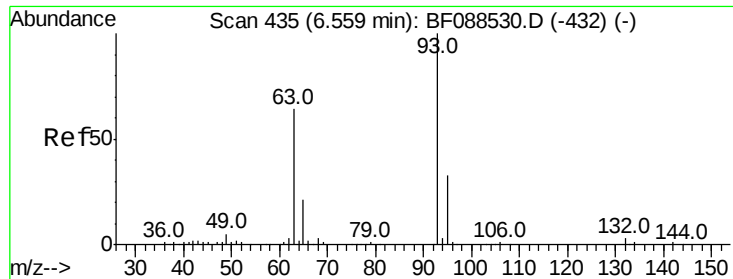
Ion Ratio Lower Upper

77 100

105 102.8 90.6 130.6

106 92.6 85.3 125.3





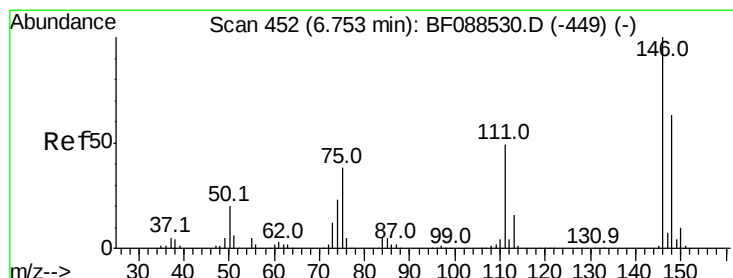
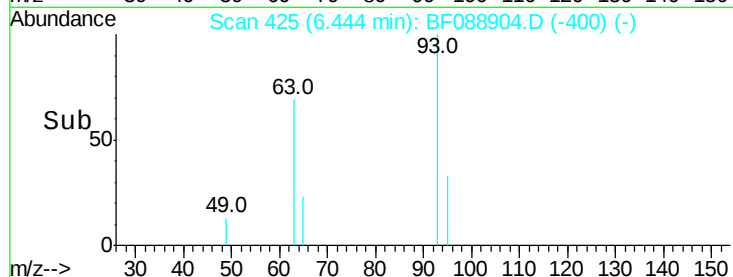
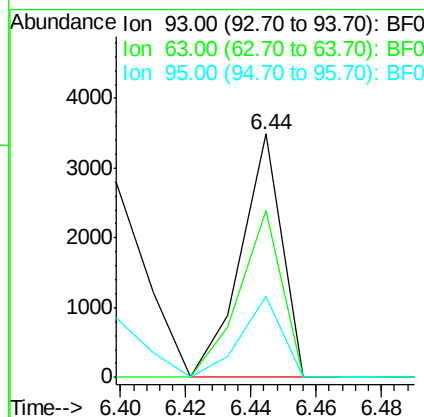
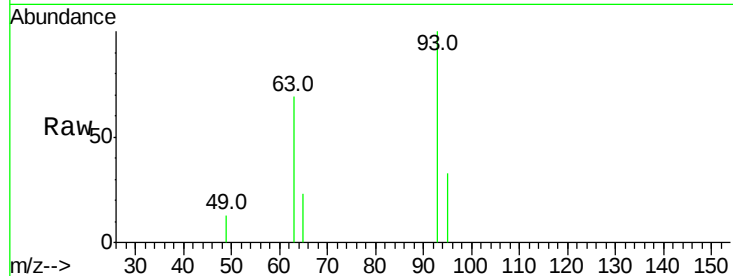
#11
bis(2-Chloroethyl)ether
Concen: 0.48 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

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Tot Ion	Ratio	Lower	Upper
93	100		
63	68.6	67.6	107.6
95	33.1	12.5	52.5

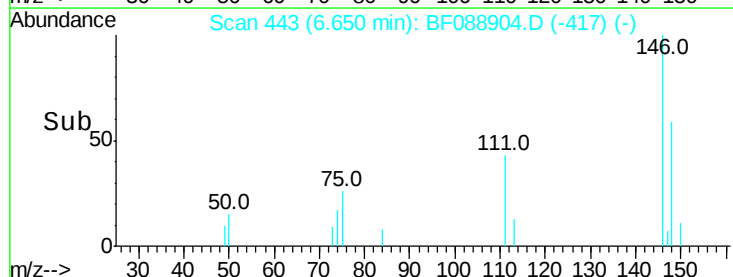
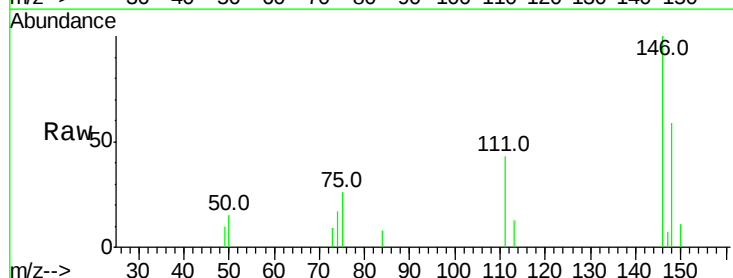
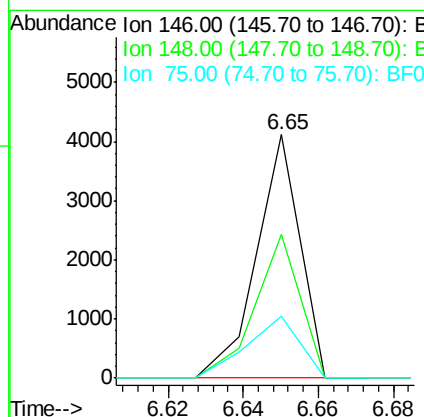
Manual Integrations

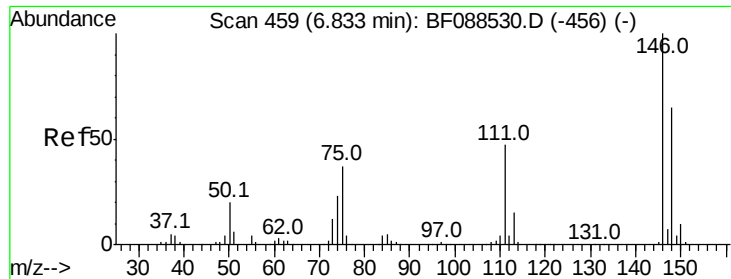
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#12
1,3-Dichlorobenzene
Concen: 0.49 ng m
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.9	50.9	76.3
75	25.5	25.6	38.4#





#13

1,4-Dichlorobenzene

Concen: 0.48 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

Tot Ion:146 Resp: 3192

Ion Ratio Lower Upper

146 100

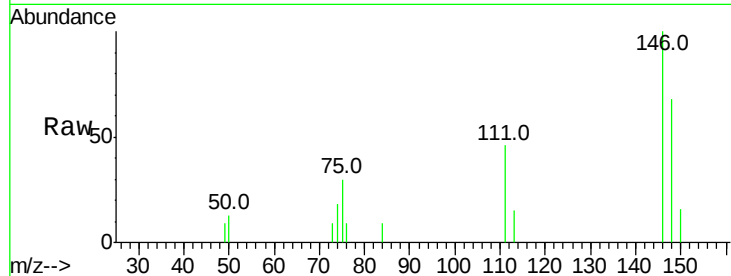
148 68.5 52.0 78.0

111 46.2 33.8 50.8

Manual Integrations

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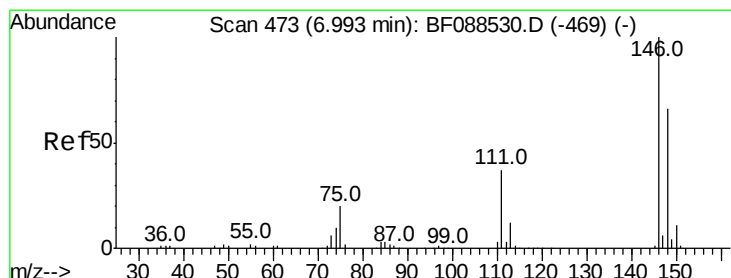
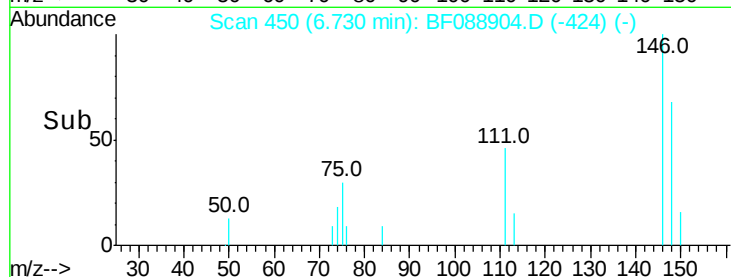
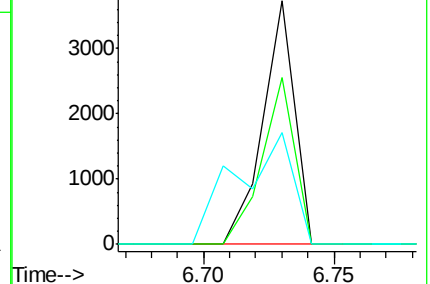
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.52 ng m

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

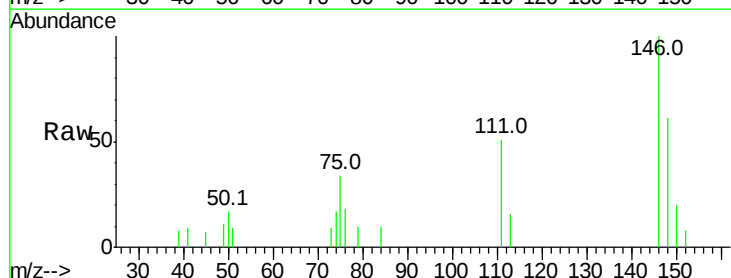
Tgt Ion:146 Resp: 3250

Ion Ratio Lower Upper

146 100

148 61.1 52.3 78.5

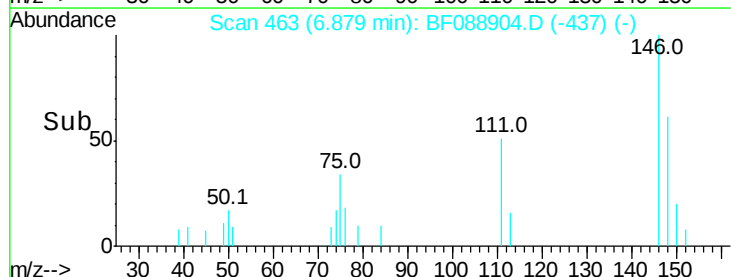
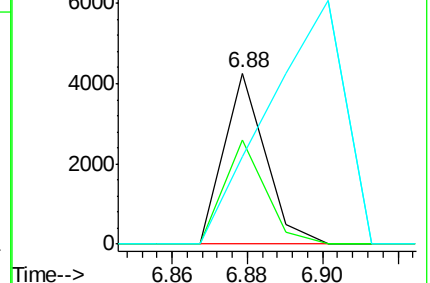
111 51.3 28.7 43.1#

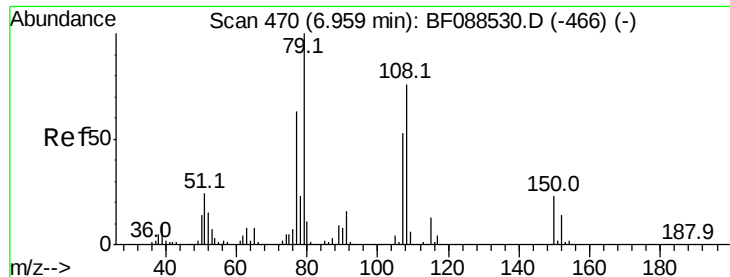


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.71 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

Tot Ion: 79 Resp: 3830

Ion Ratio Lower Upper

79 100

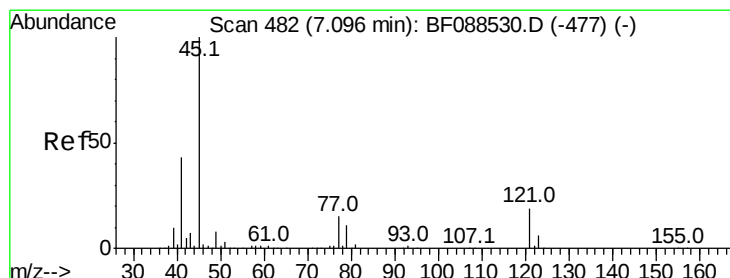
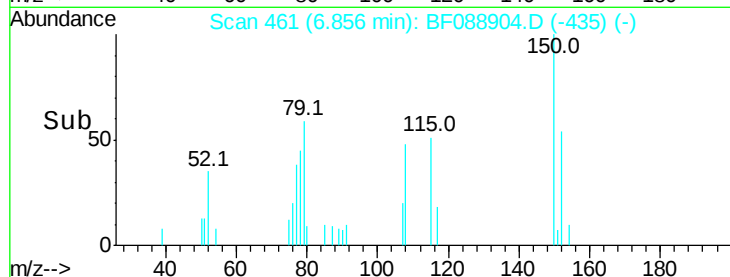
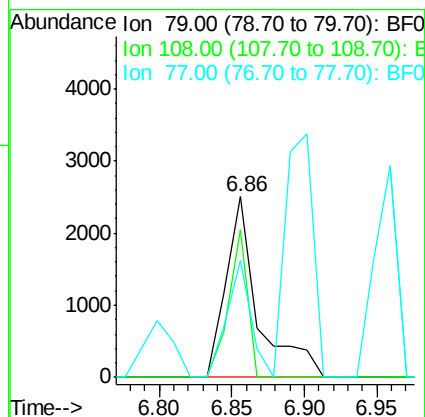
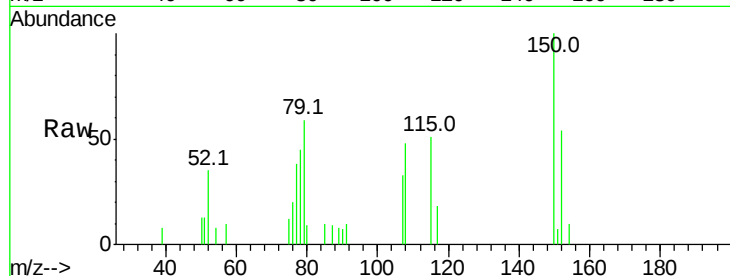
108 82.0 65.0 97.6

77 64.9 50.3 75.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.44 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

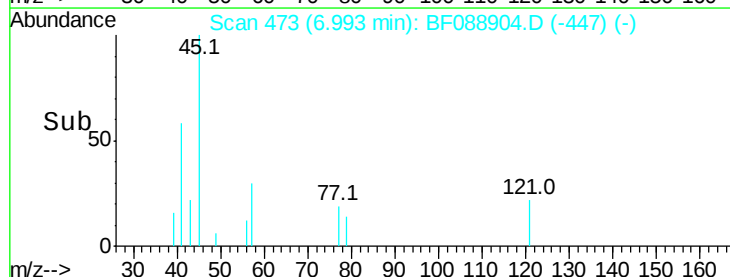
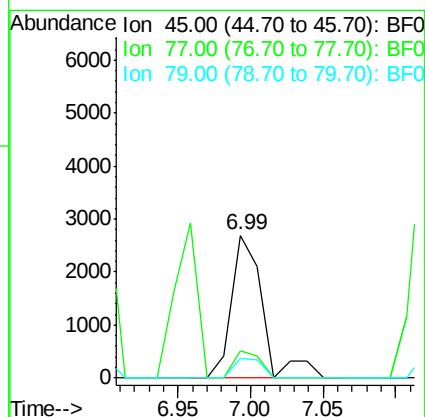
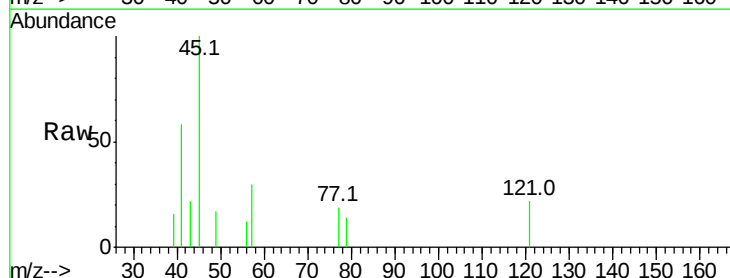
Tgt Ion: 45 Resp: 4015

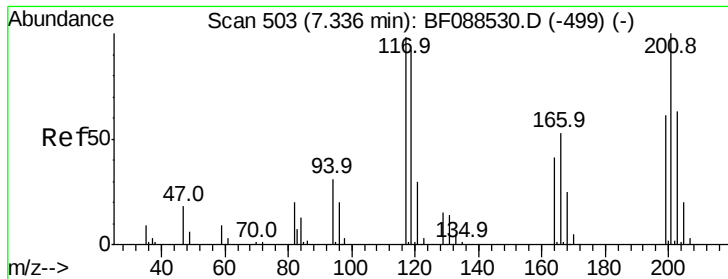
Ion Ratio Lower Upper

45 100

77 18.8 0.0 32.5

79 13.5 0.0 29.5





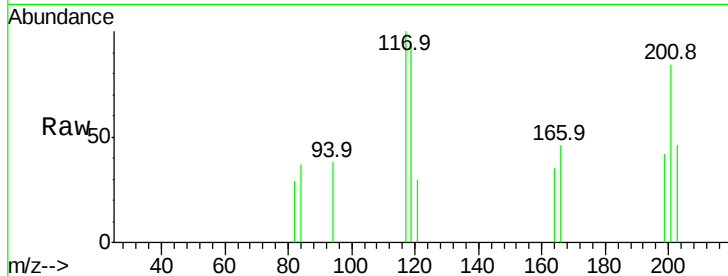
#18
Hexachloroethane
Concen: 0.29 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

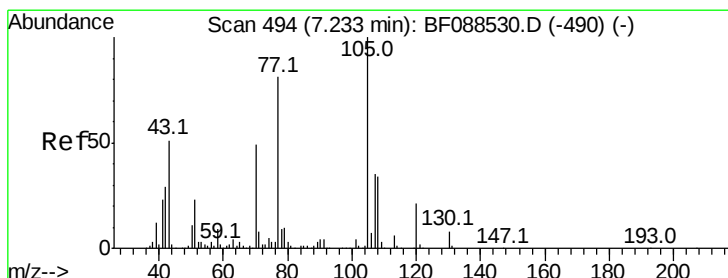
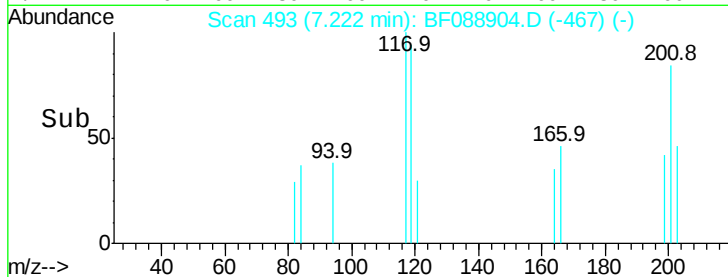
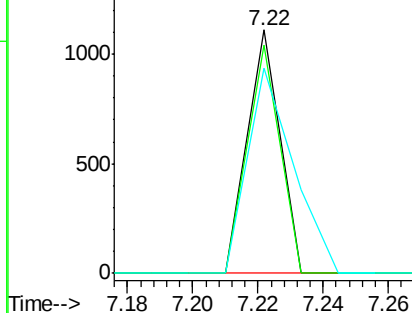
Tot Ion:117 Resp: 762
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.2
201 84.3 80.4 120.6

Manual Integrations

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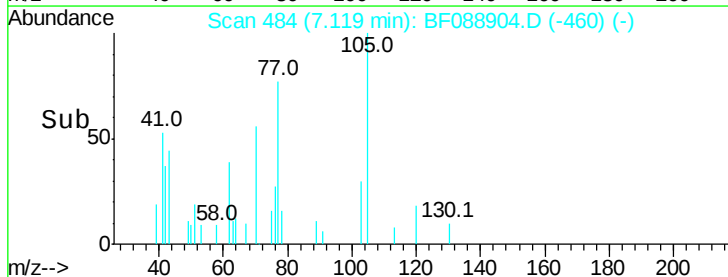
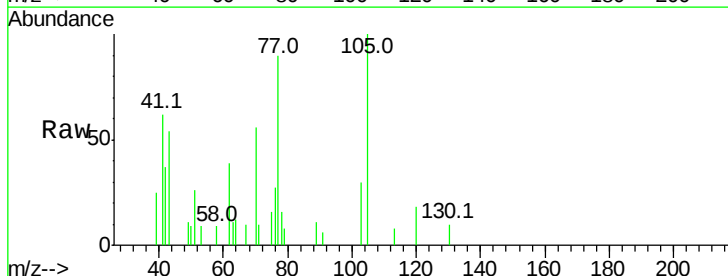
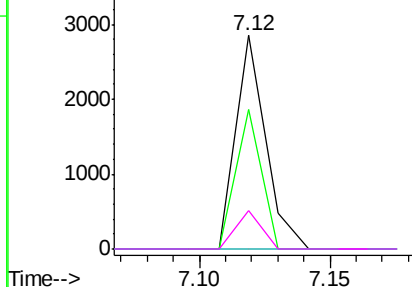
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

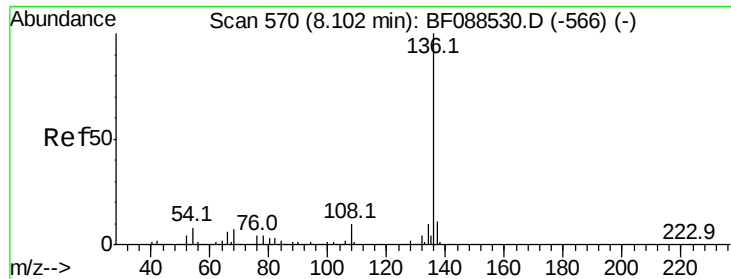


#19
n-Nitroso-di-n-propylamine
Concen: 0.46 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion: 70 Resp: 2286
Ion Ratio Lower Upper
70 100
42 65.2 49.6 74.4
101 0.0 7.1 10.7#
130 17.8 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





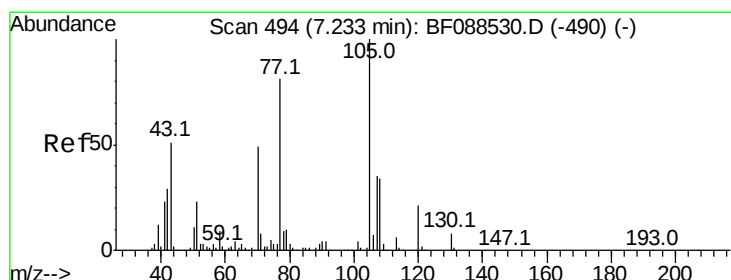
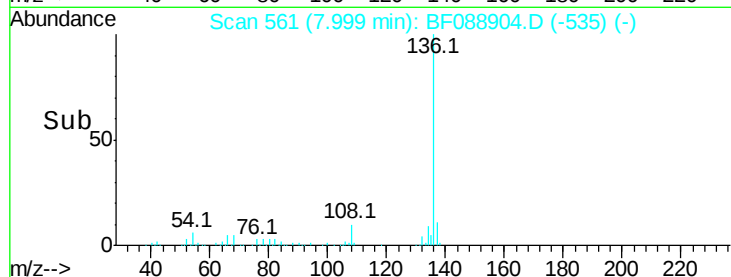
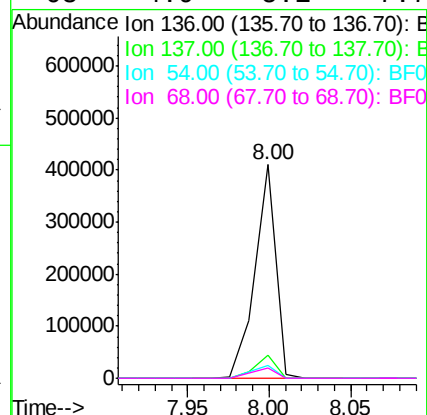
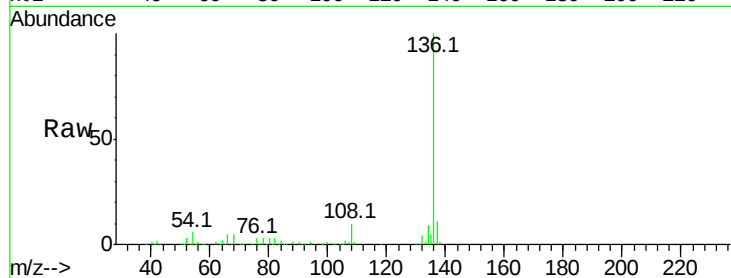
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	6.0	6.6	10.0#	
68	4.9	5.1	7.7#	

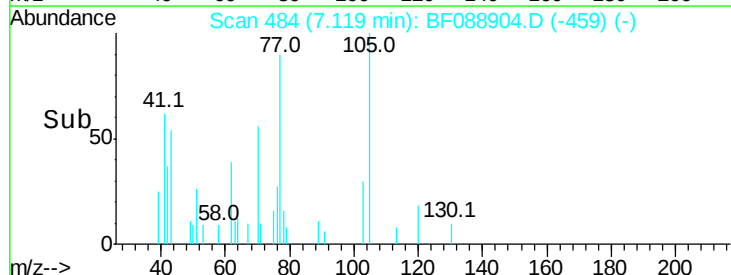
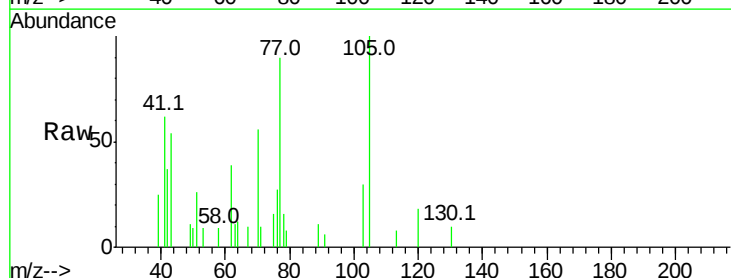
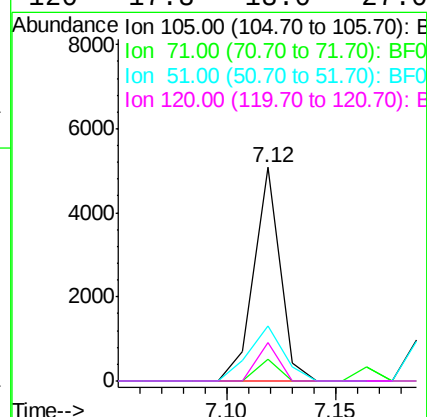
Manual Integrations

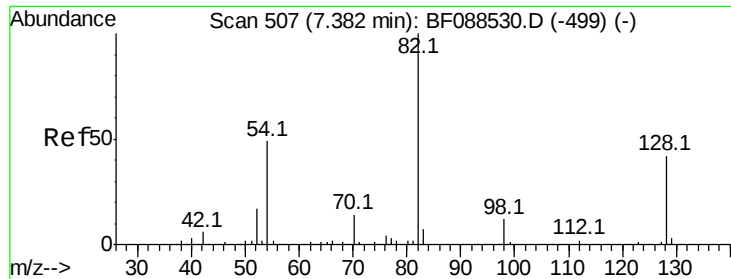
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#22
Acetophenone
Concen: 0.48 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.2	5.3	7.9#	
51	25.9	18.2	27.4	
120	17.8	18.0	27.0#	





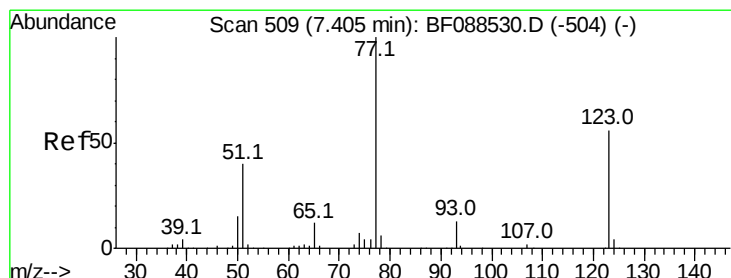
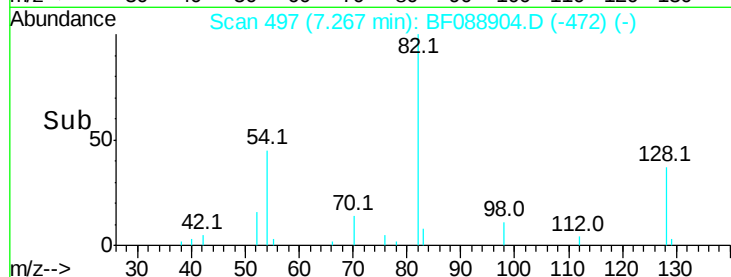
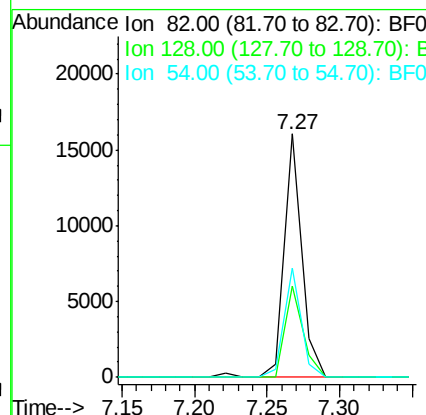
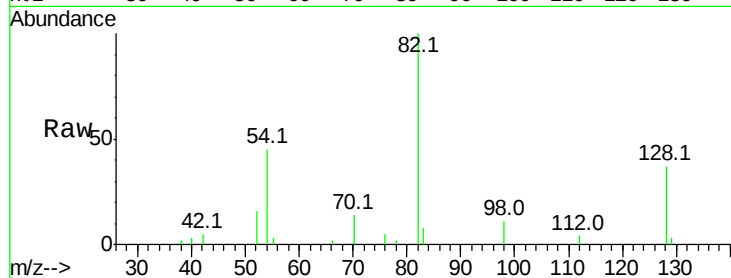
#23
Nitrobenzene-d5
Concen: 1.95 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.2	35.9	53.9
54	45.0	40.9	61.3

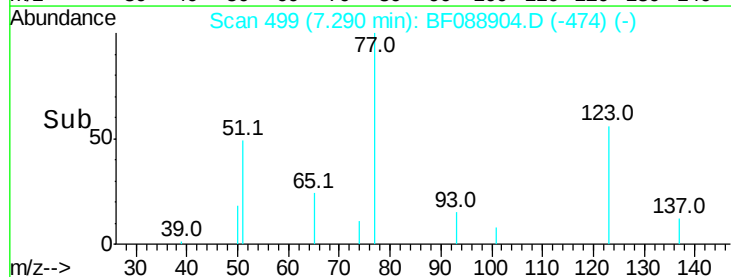
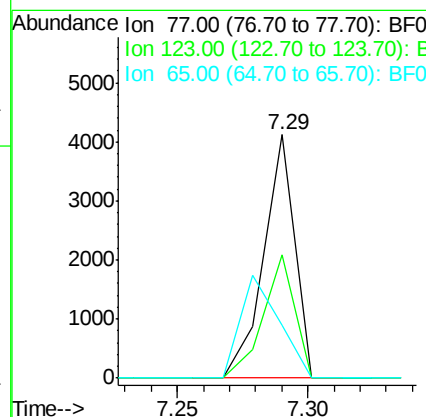
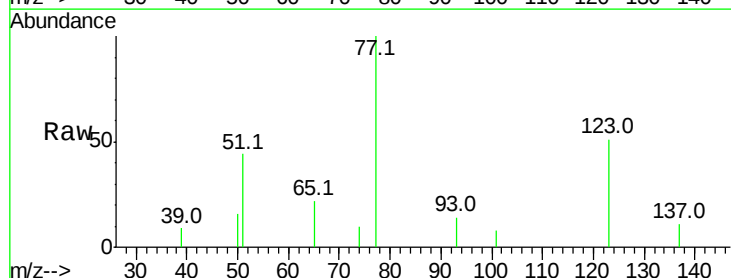
Manual Integrations

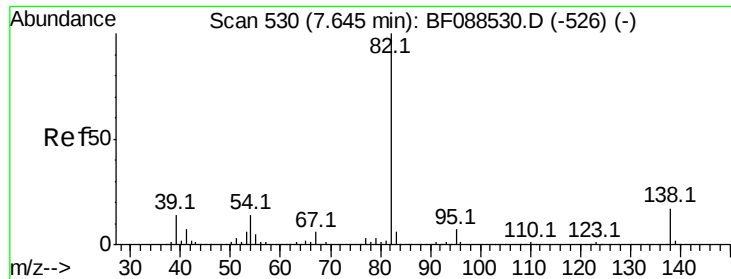
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#24
Nitrobenzene
Concen: 0.49 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	45.0	67.4
65	22.0	10.2	15.2





#25

Isophorone

Concen: 0.51 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

Tot Ion: 82 Resp: 6535

Ion Ratio Lower Upper

82 100

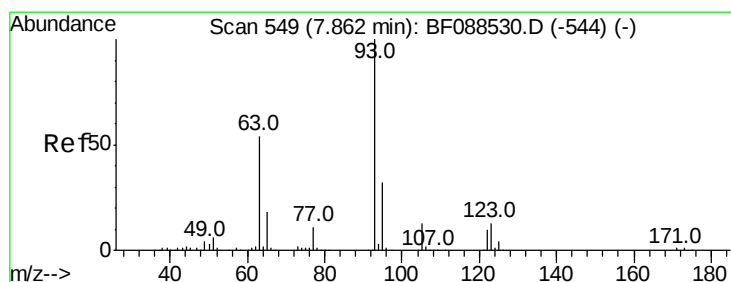
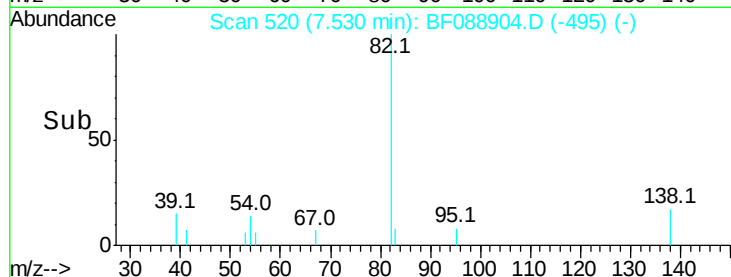
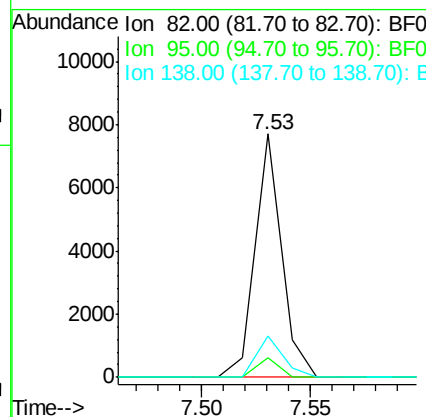
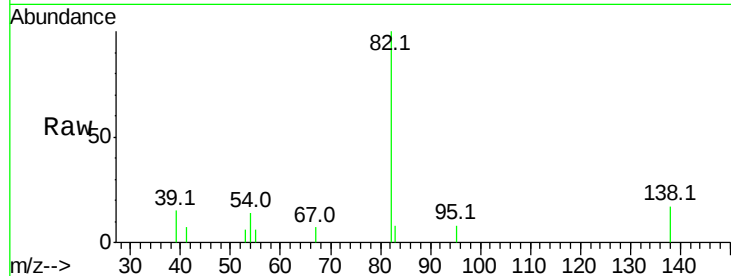
95 8.1 5.4 8.2

138 17.0 14.6 21.8

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 0.45 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

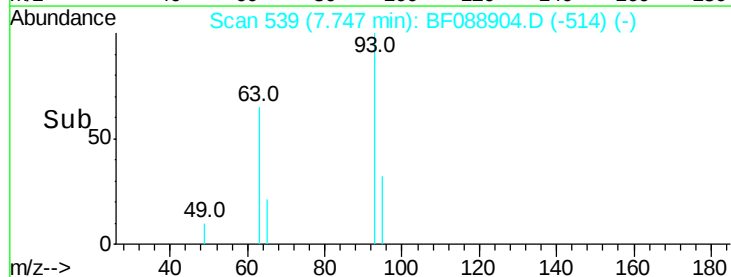
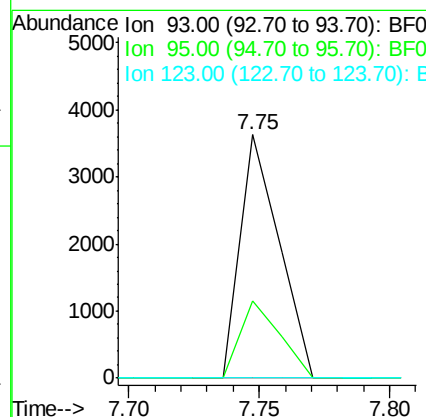
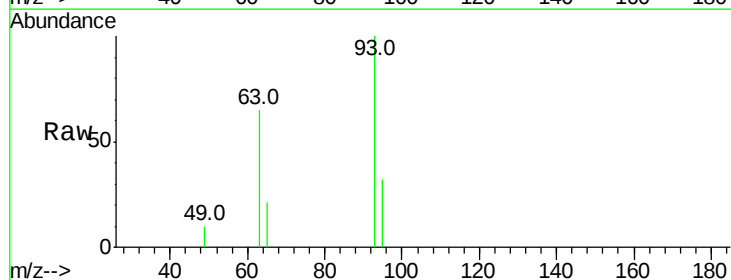
Tgt Ion: 93 Resp: 3776

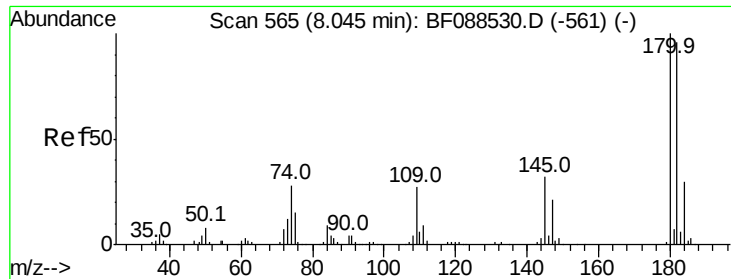
Ion Ratio Lower Upper

93 100

95 31.7 26.5 39.7

123 0.0 11.6 17.4#





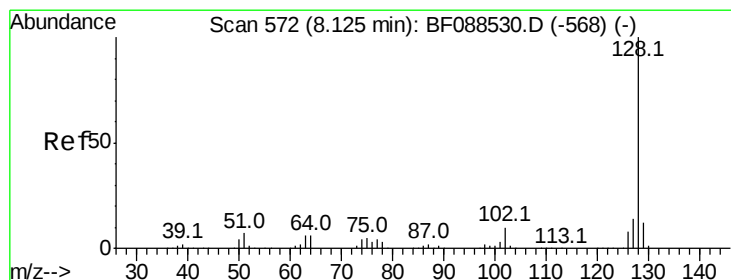
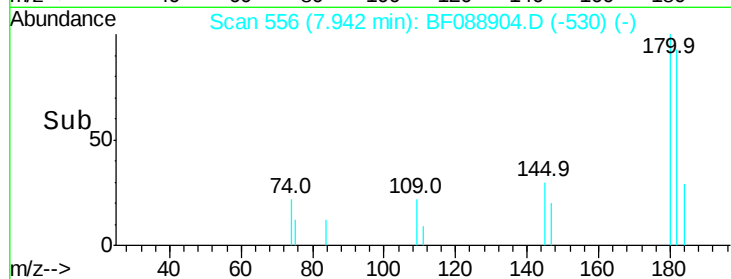
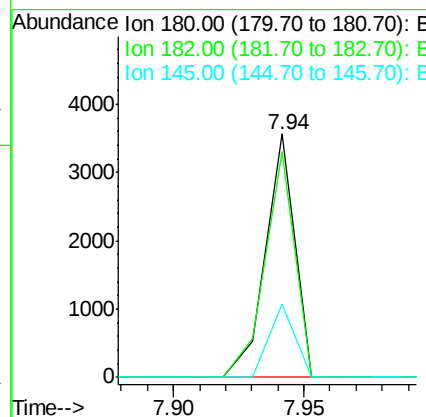
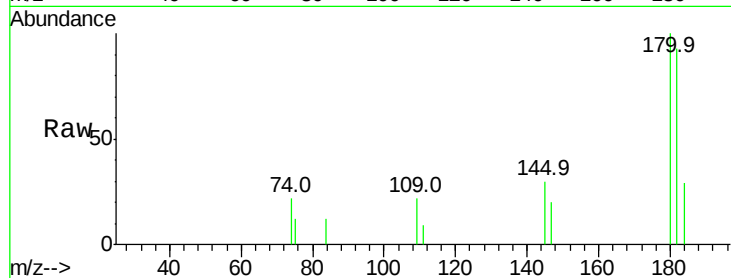
#30
 1,2,4-Trichlorobenzene
 Concen: 0.53 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.0	114.0
145	30.0	26.5	39.7

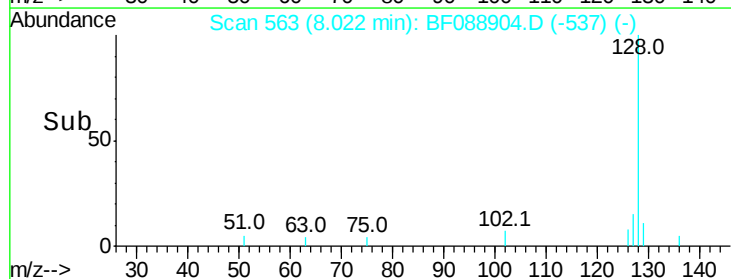
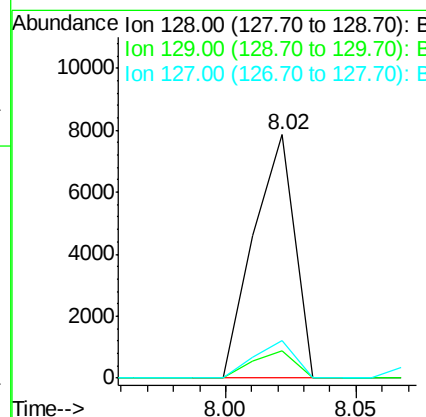
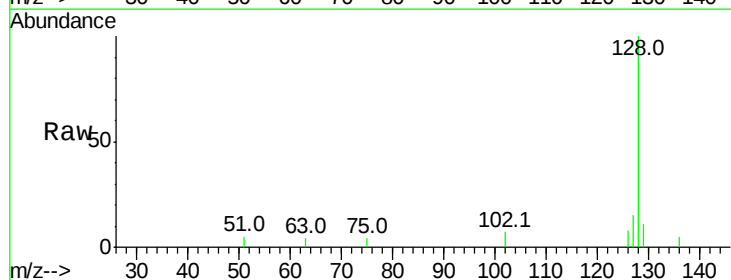
Manual Integrations

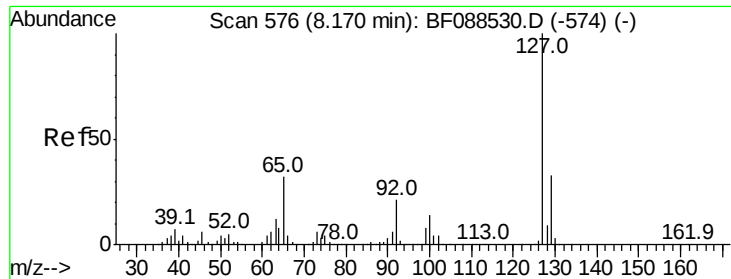
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#31
 Naphthalene
 Concen: 0.47 ng
 RT: 8.02 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	15.5	10.9	16.3





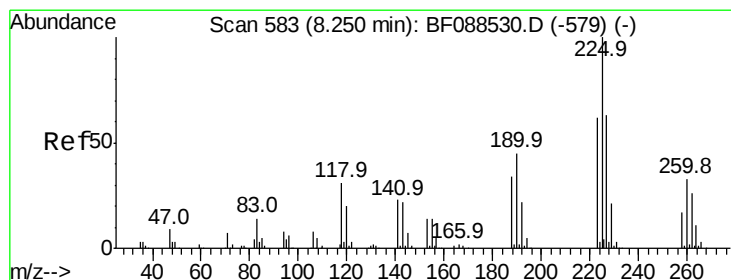
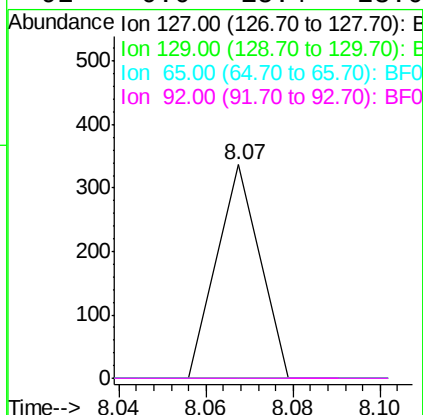
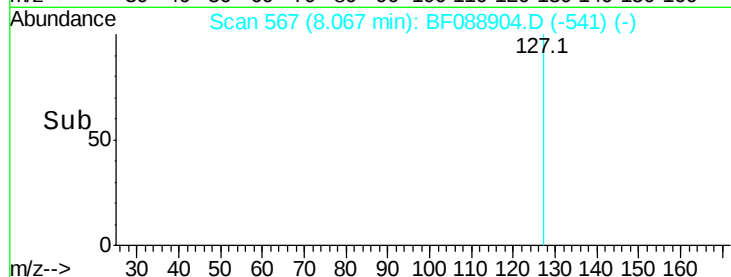
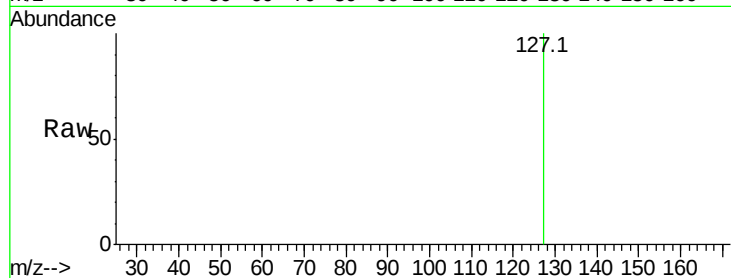
#33
4-Chloroaniline
Concen: 0.03 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion:	127	Resp:	231
Ion Ratio	Lower	Upper	
127	100		
129	0.0	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

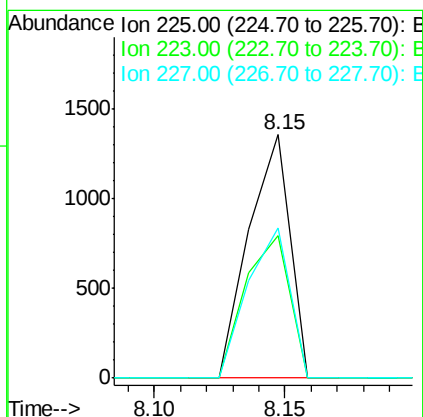
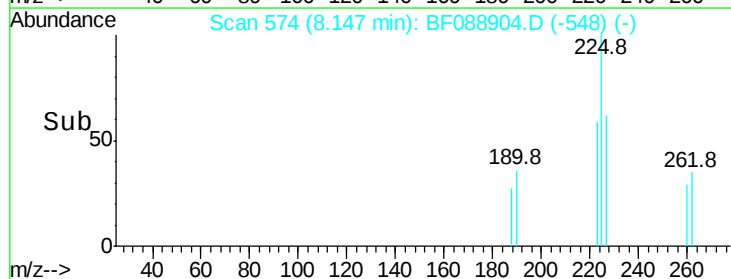
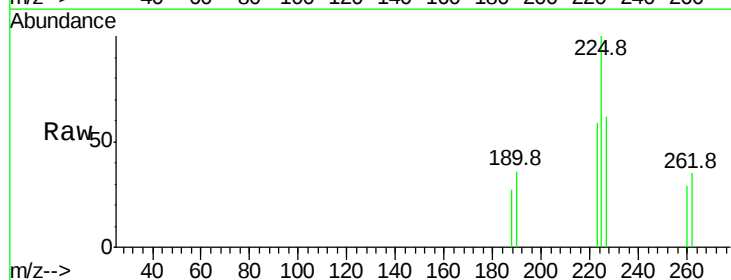
Manual Integrations

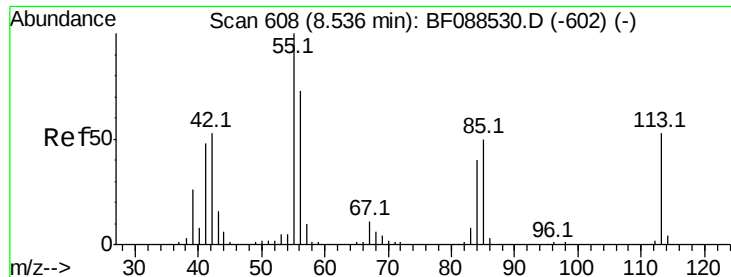
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#34
Hexachlorobutadiene
Concen: 0.53 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion:	225	Resp:	1501
Ion Ratio	Lower	Upper	
225	100		
223	58.6	50.9	76.3
227	61.7	51.9	77.9





#35

Caprolactam

Concen: 0.18 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

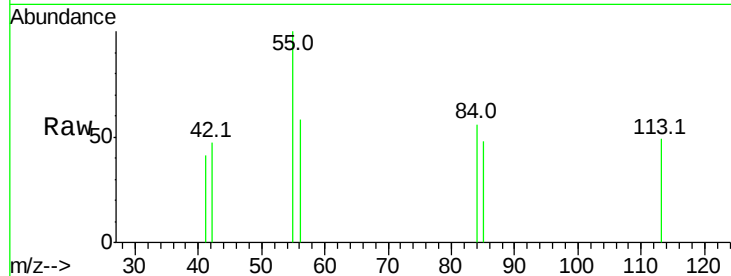
P001-TL001-01MSD

Tot Ion:	113	Resp:	301
Ion	Ratio	Lower	Upper
113	100		
55	203.2	158.6	198.6#
56	117.3	110.6	150.6

Manual Integrations

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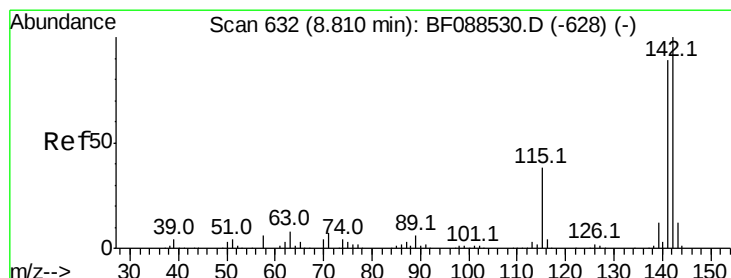
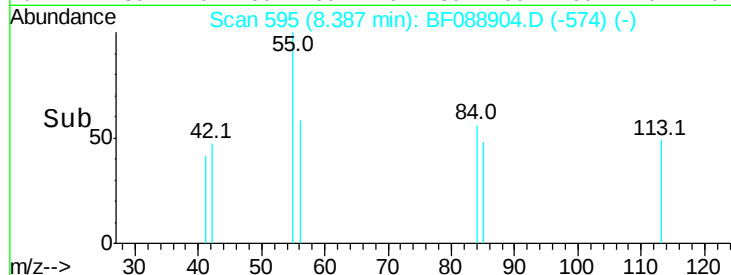
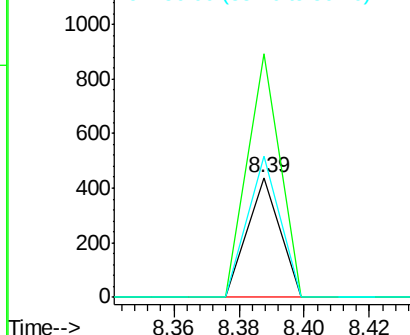
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 0.51 ng m

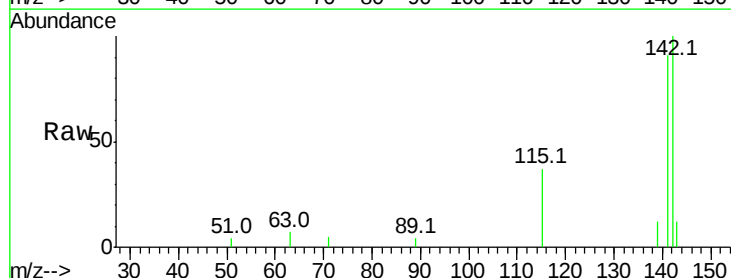
RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

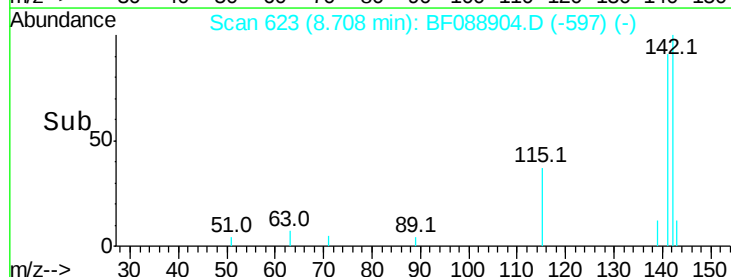
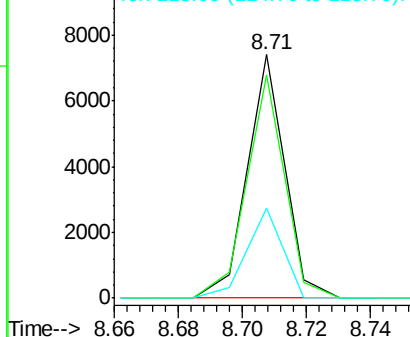
Tgt Ion:	142	Resp:	5954
Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.0	106.6
115	37.0	22.6	33.8#

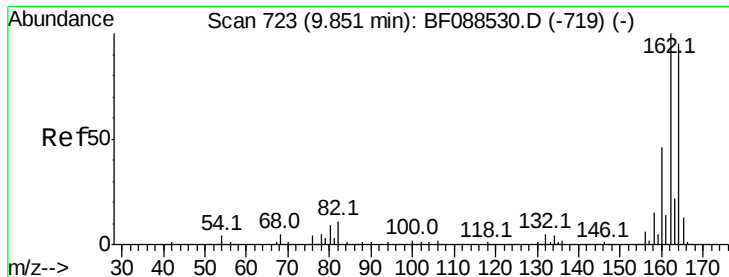


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





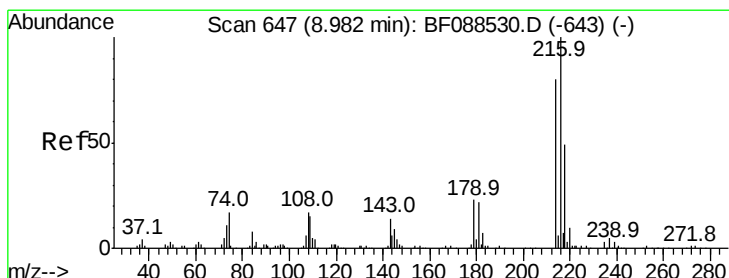
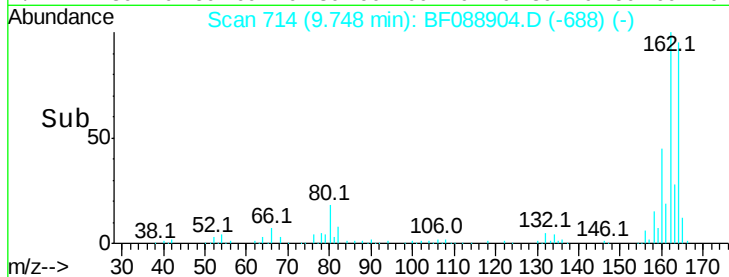
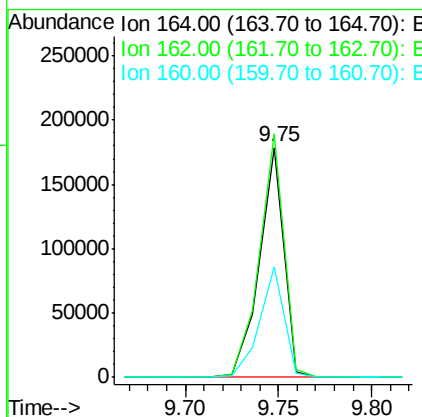
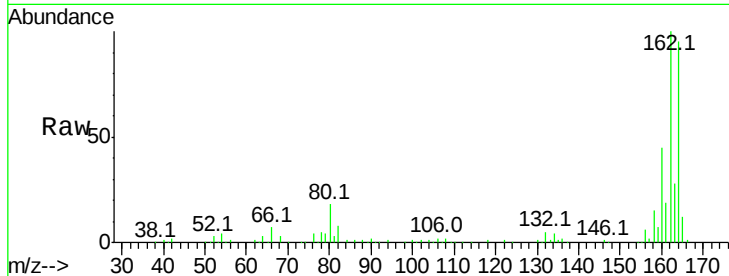
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.4	128.2
160	48.0	39.5	59.3

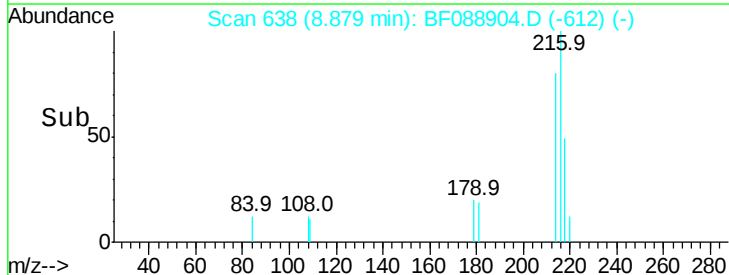
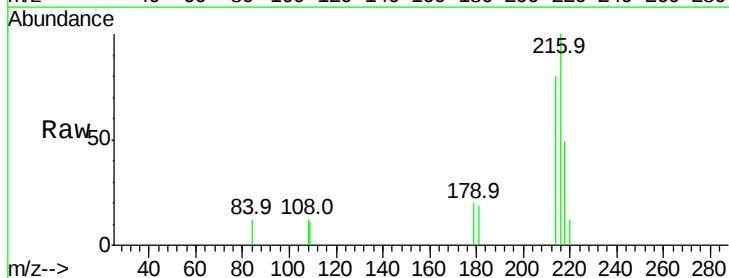
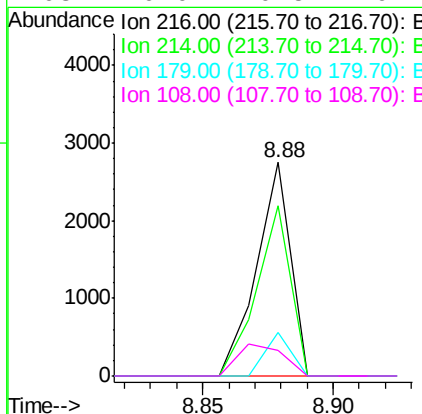
Manual Integrations

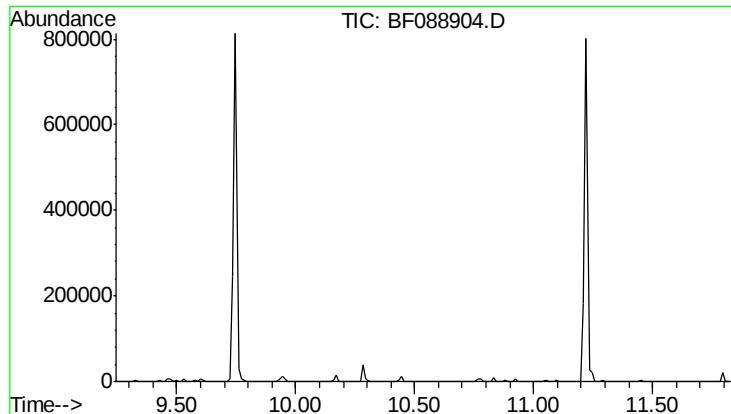
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.47 ng
RT: 8.88 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	2.9	4.3#
179	15.2	0.0	0.0#
108	20.0	0.5	0.7#



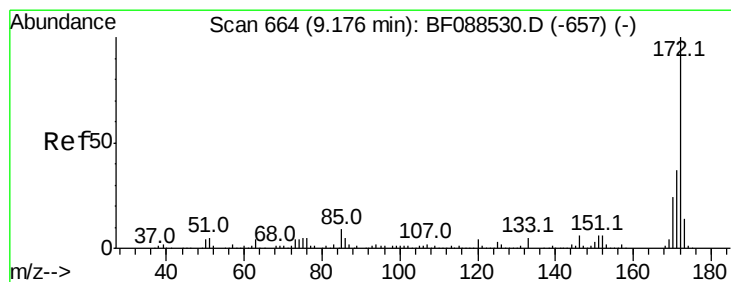
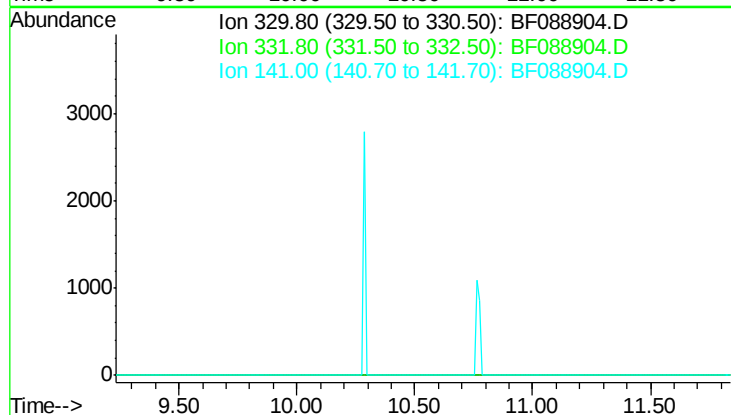


#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.54 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Instrument : BNA_F
 ClientSampleId : P001-TL001-01MSD

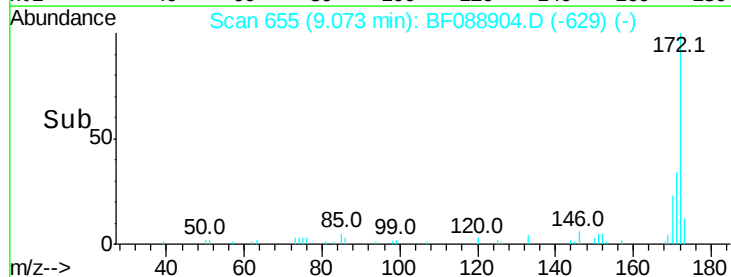
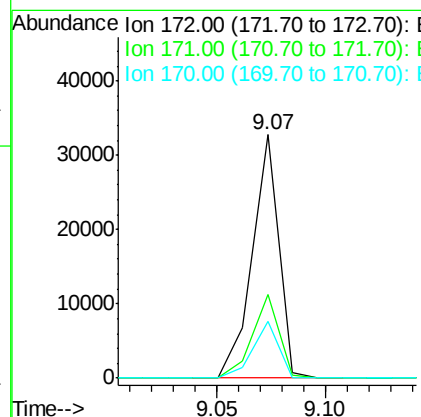
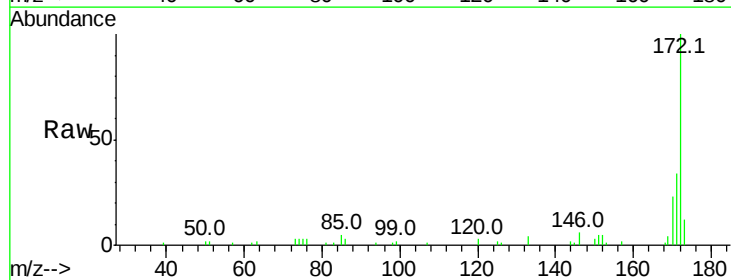
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0

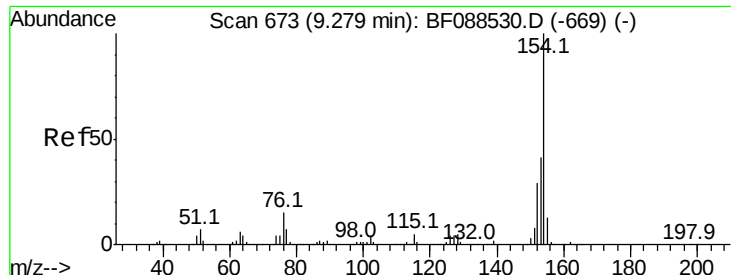
Manual Integrations
 APPROVED
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#44
 2-Fluorobiphenyl
 Concen: 2.71 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Tgt Ion:172 Resp: 27575
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.6 43.0
 170 23.2 19.2 28.8





#45

1,1'-Biphenyl

Concen: 0.51 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

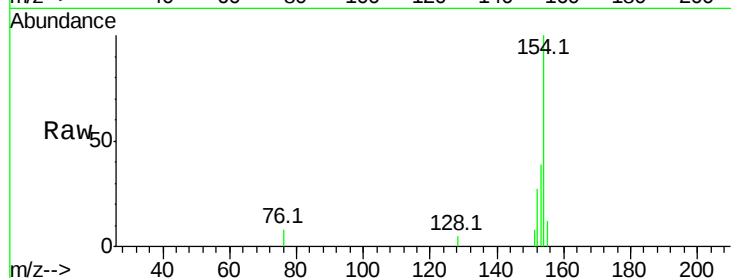
P001-TL001-01MSD

Tot Ion:	154	Resp:	6754
Ion	Ratio	Lower	Upper
154	100		
153	38.5	20.6	60.6
76	8.3	0.0	35.1

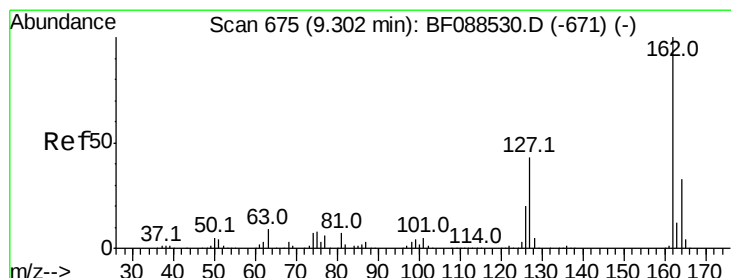
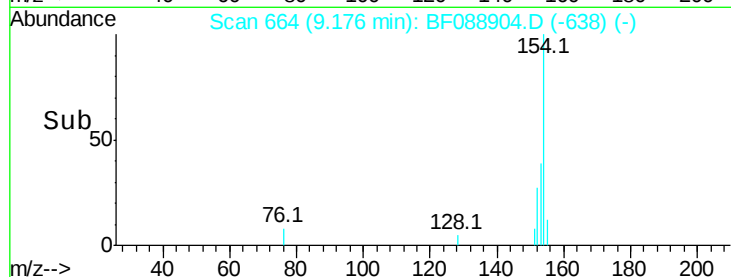
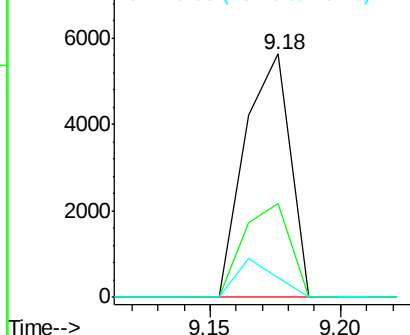
Manual Integrations

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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: 0.51 ng

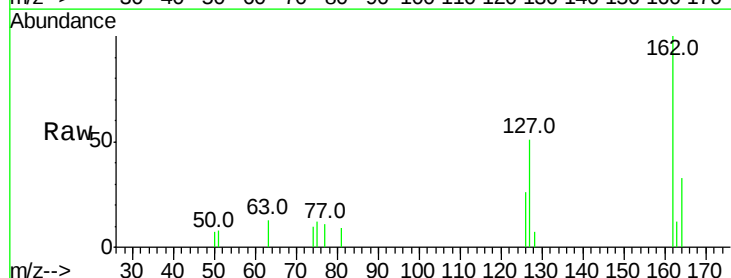
RT: 9.19 min Scan# 665

Delta R.T. -0.01 min

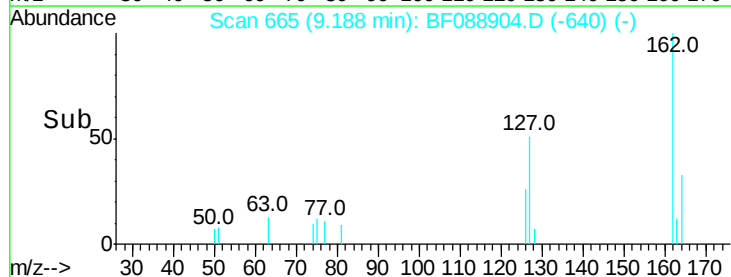
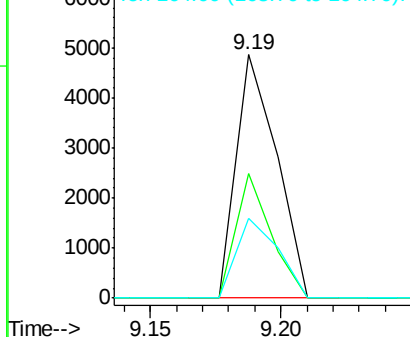
Lab File: BF088904.D

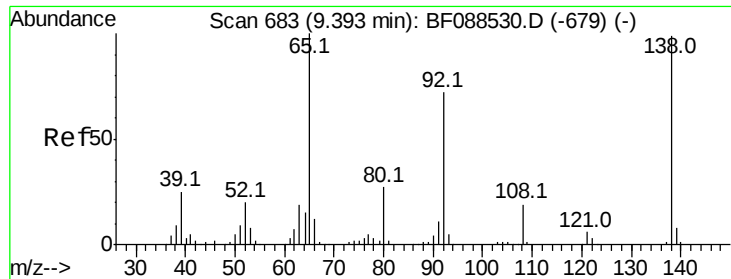
Acq: 11 Jul 2016 17:29

Tgt Ion:	162	Resp:	5282
Ion	Ratio	Lower	Upper
162	100		
127	51.0	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: 0.16 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

Tot Ion: 65 Resp: 604

Ion Ratio Lower Upper

65 100

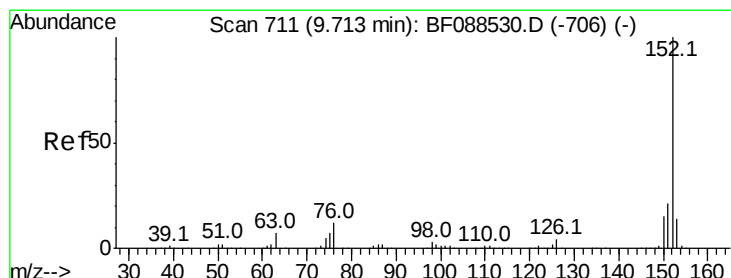
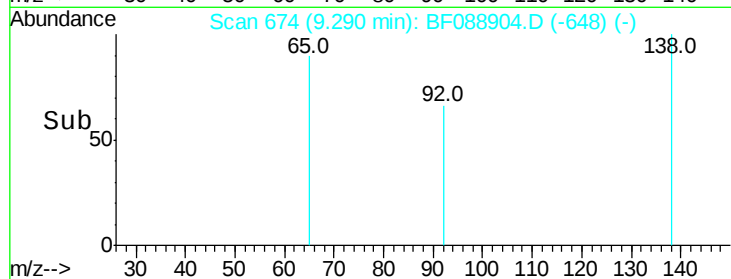
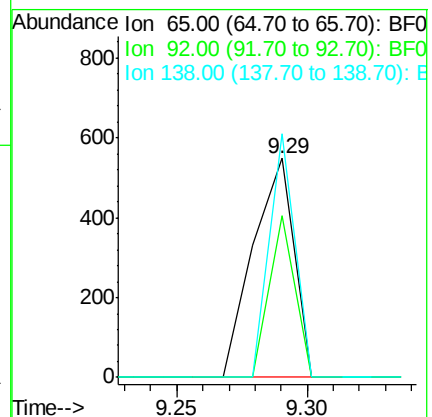
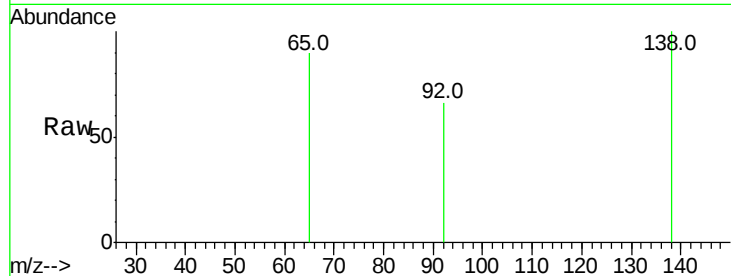
92 73.7 54.6 82.0

138 111.3 77.0 115.4

Manual Integrations

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#48

Acenaphthylene

Concen: 0.28 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

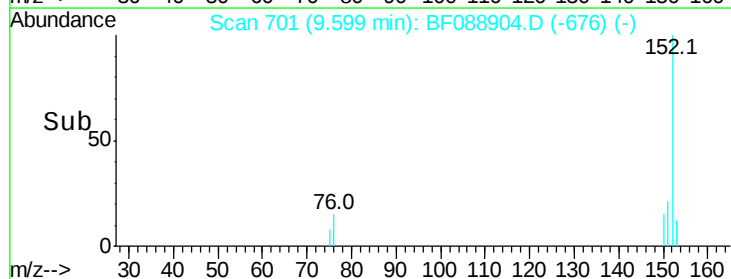
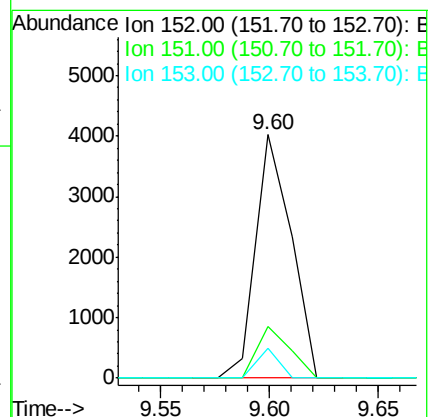
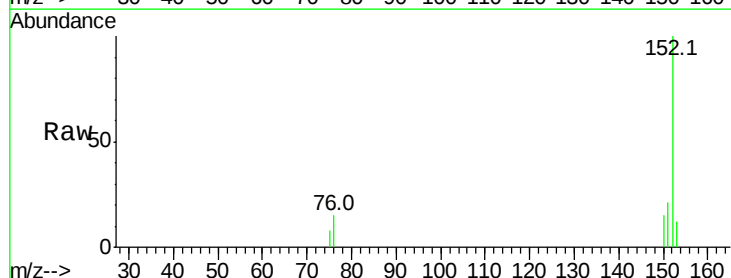
Tgt Ion: 152 Resp: 4584

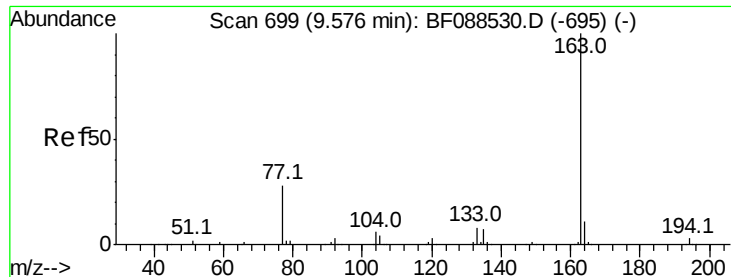
Ion Ratio Lower Upper

152 100

151 21.2 16.2 24.4

153 12.1 11.0 16.6





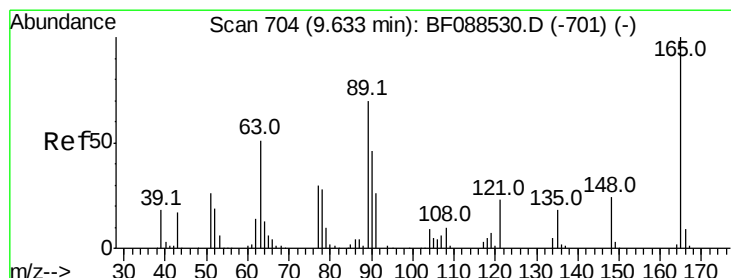
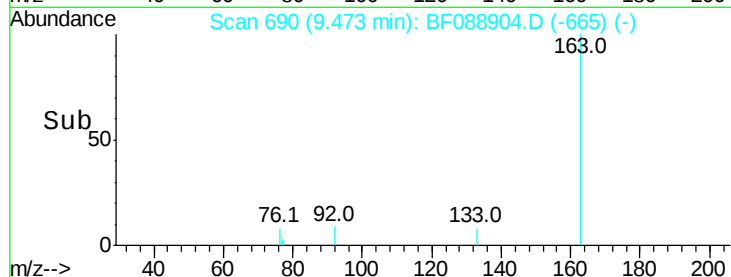
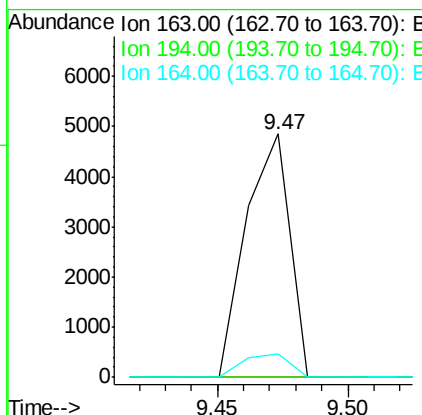
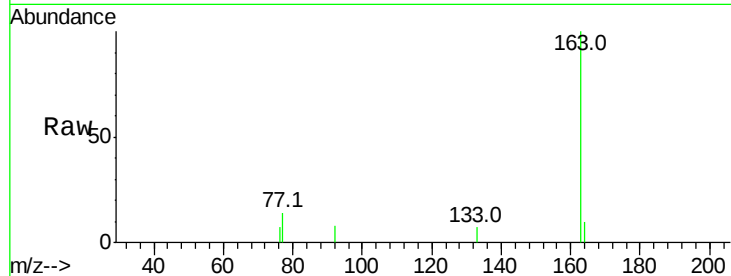
#49
Dimethylphthalate
Concen: 0.50 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion:163 Resp: 5680
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 9.8 8.3 12.5

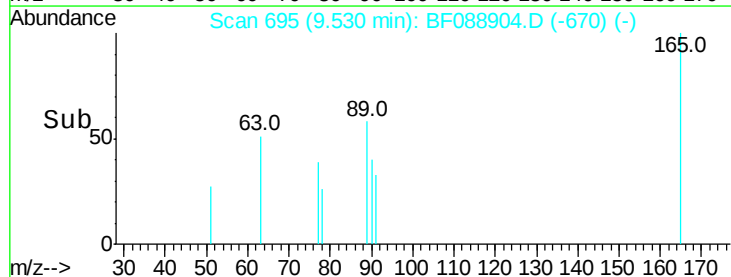
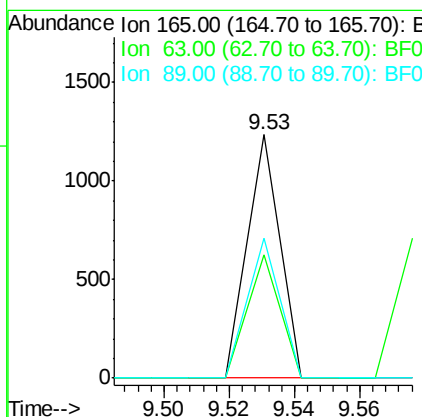
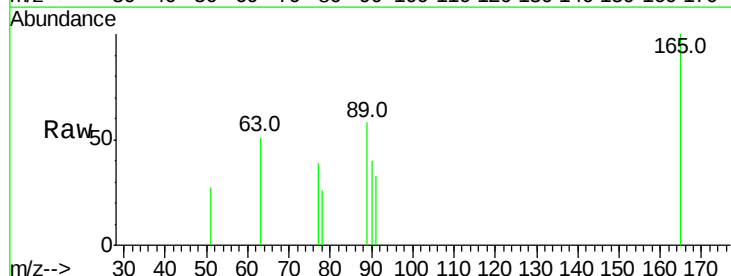
Manual Integrations

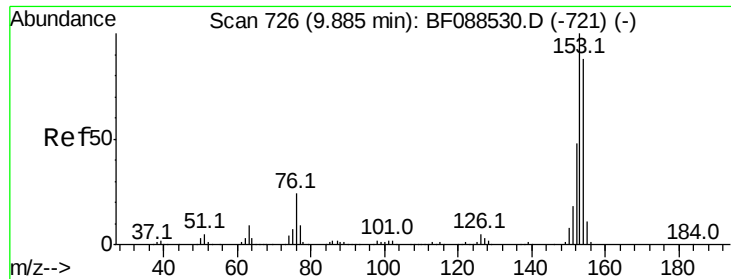
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#50
2,6-Dinitrotoluene
Concen: 0.33 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion:165 Resp: 848
Ion Ratio Lower Upper
165 100
63 50.6 28.1 42.1#
89 57.5 32.2 48.2#





#51

Acenaphthene

Concen: 0.22 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

Tot Ion:154 Resp: 2273

Ion Ratio Lower Upper

154 100

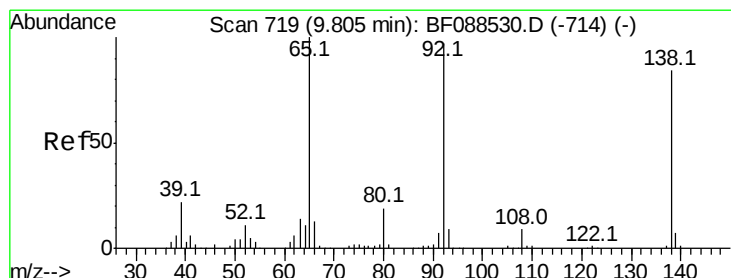
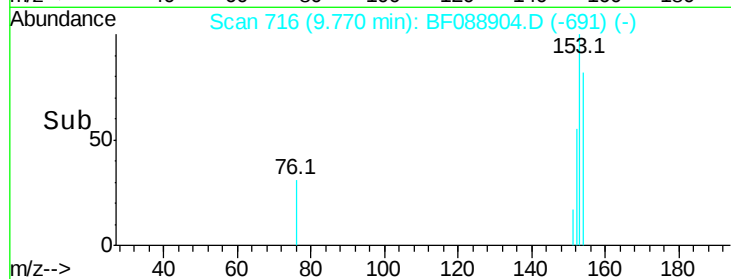
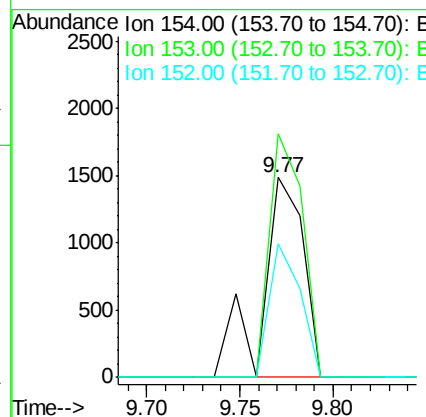
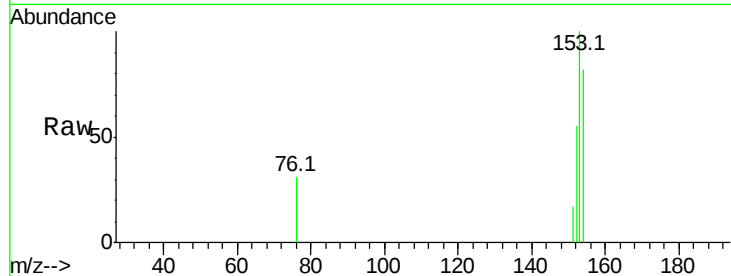
153 122.0 89.5 134.3

152 66.7 42.7 64.1#

Manual Integrations

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#52

3-Nitroaniline

Concen: 0.07 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

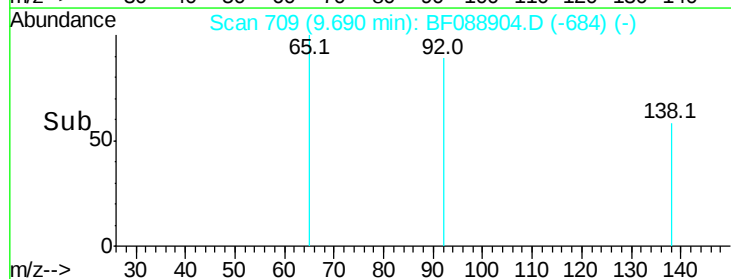
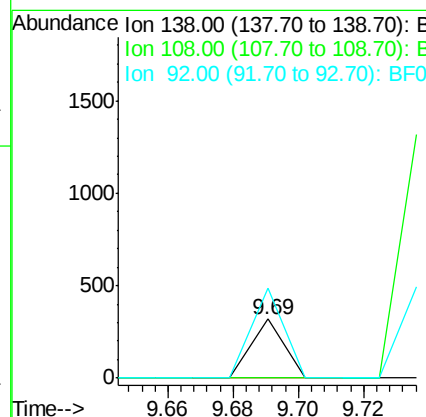
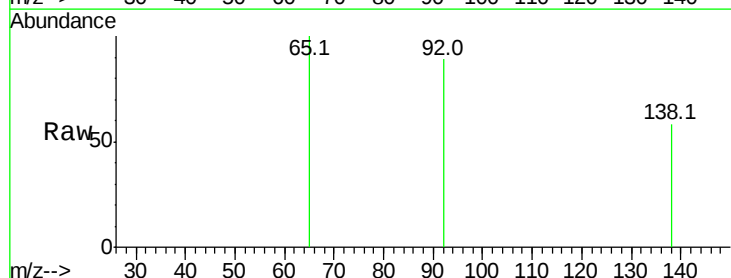
Tgt Ion:138 Resp: 218

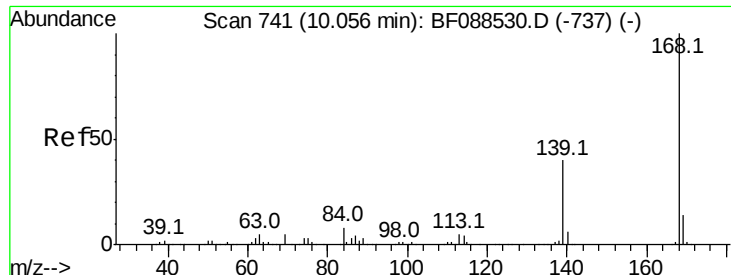
Ion Ratio Lower Upper

138 100

108 0.0 8.5 12.7#

92 153.5 95.7 143.5#





#54

Dibenzofuran

Concen: 0.53 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088904.D

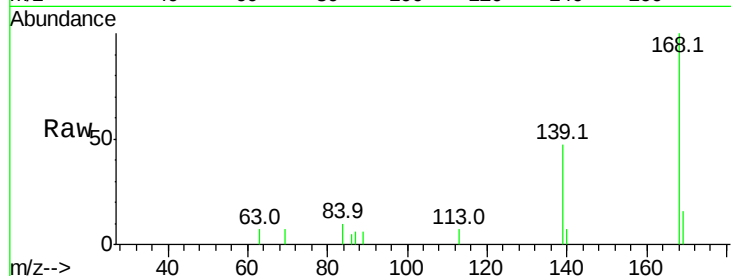
Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD



Tot Ion:168 Resp: 7110

Ion Ratio Lower Upper

168 100

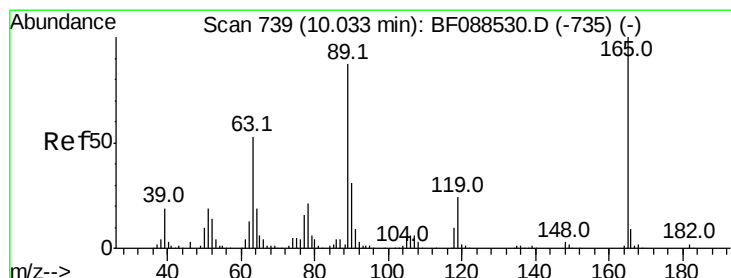
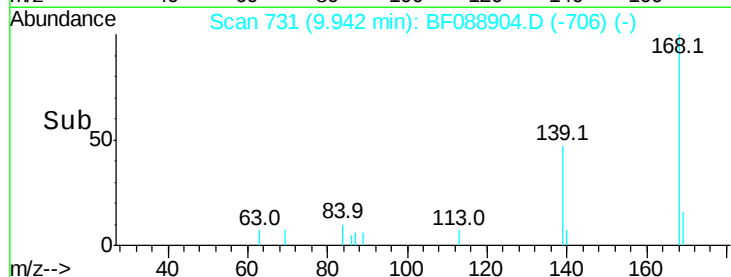
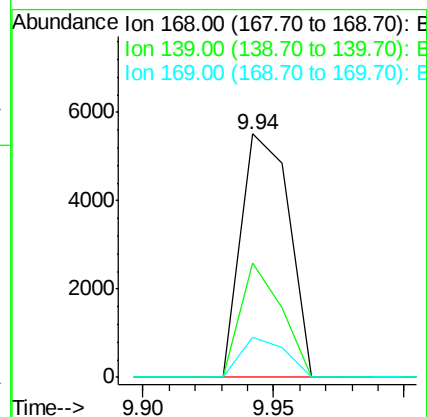
139 47.1 26.4 39.6#

169 16.5 10.4 15.6#

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 0.28 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Tgt Ion:165 Resp: 939

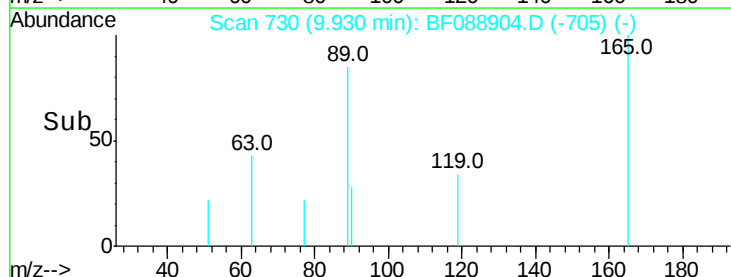
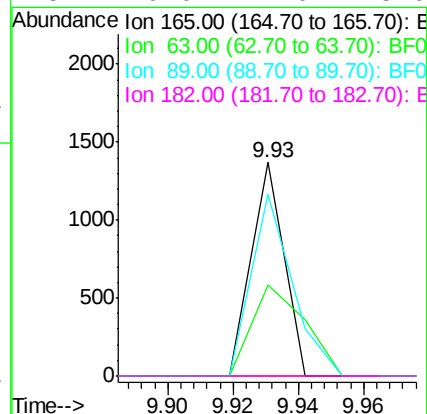
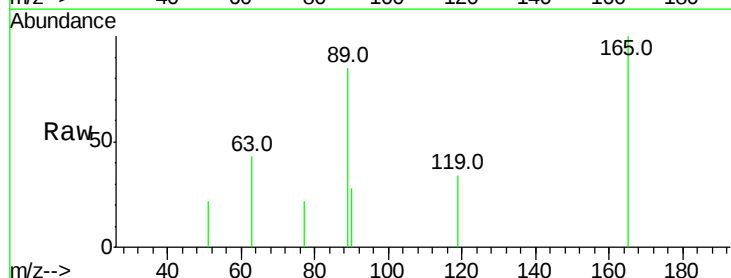
Ion Ratio Lower Upper

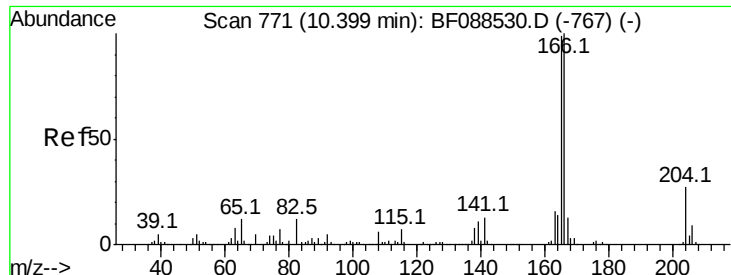
165 100

63 42.8 22.0 33.0#

89 84.9 41.1 61.7#

182 0.0 2.0 3.0#





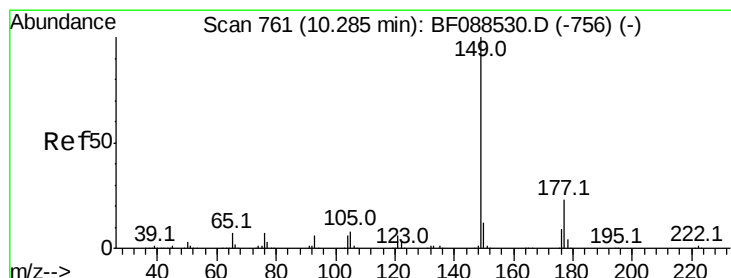
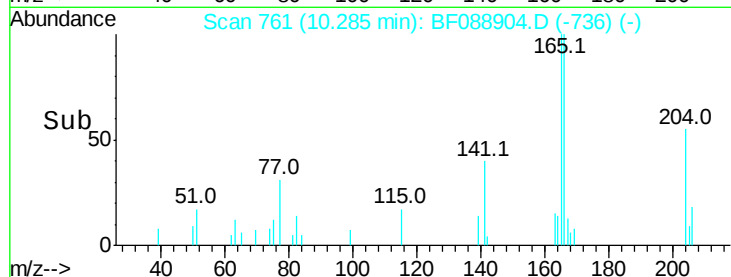
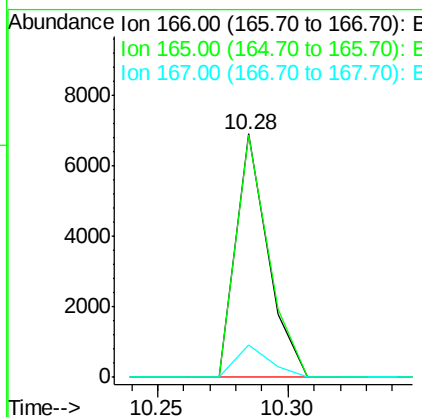
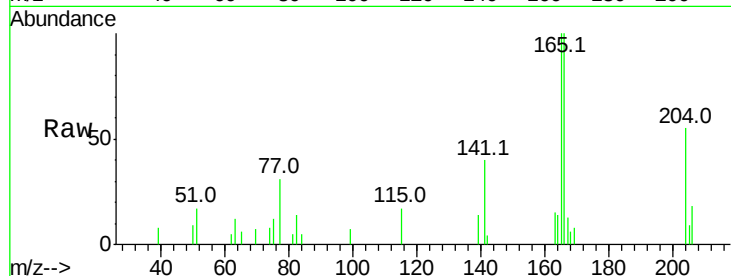
#57
Fluorene
 Concen: 0.58 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.8
167	13.2	11.2	16.8

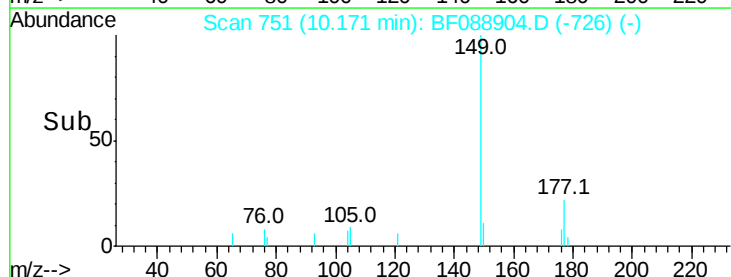
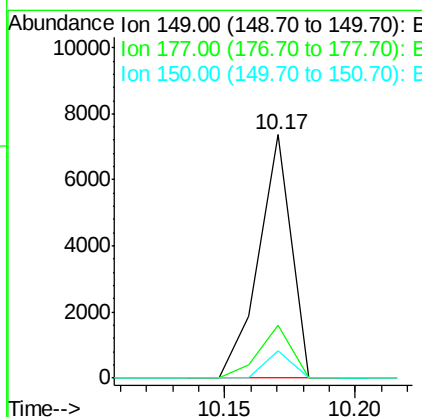
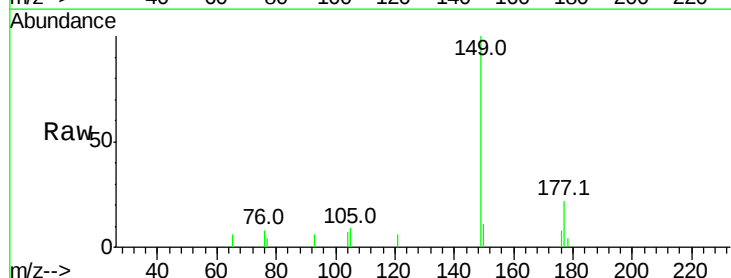
Manual Integrations

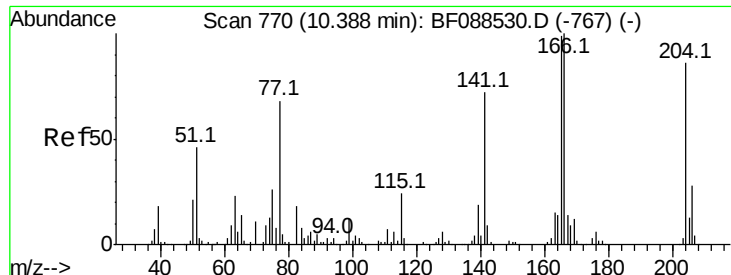
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#59
Diethylphthalate
 Concen: 0.55 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.9	25.3
150	11.0	10.1	15.1





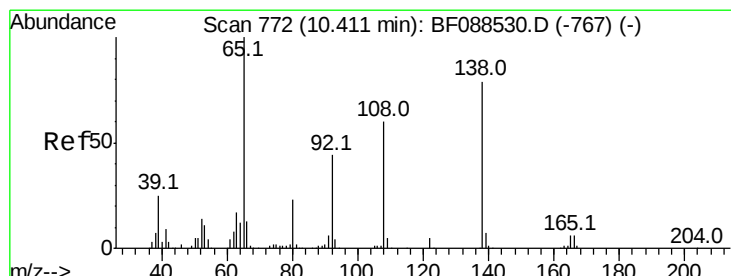
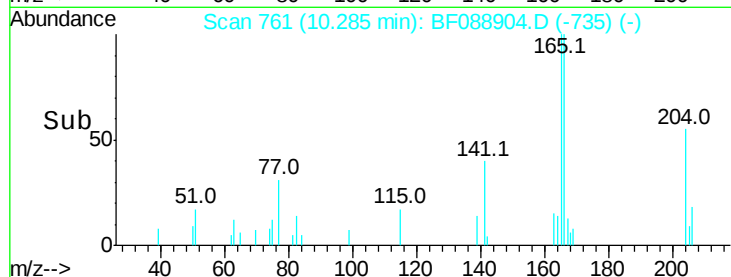
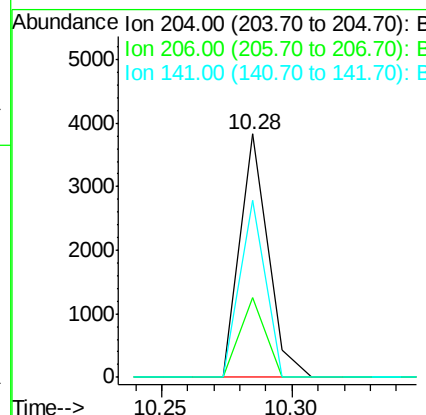
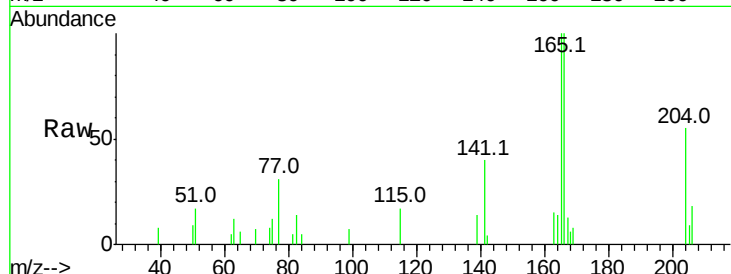
#60
4-Chlorophenyl-phenylether
Concen: 0.61 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	72.9	55.0	82.6

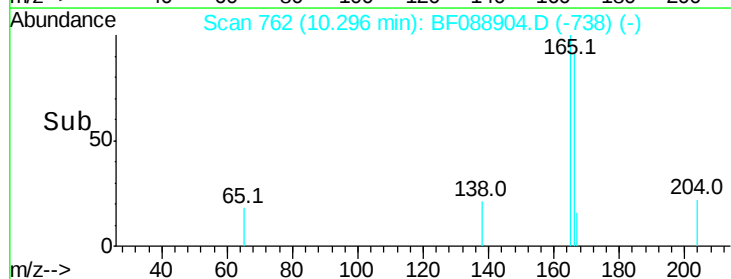
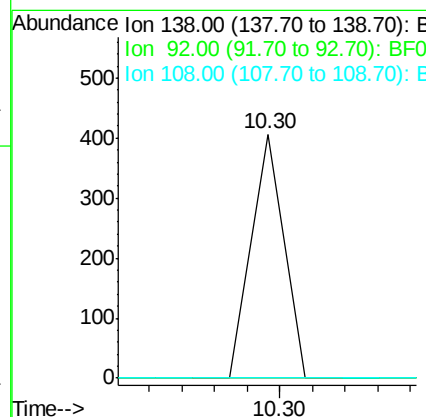
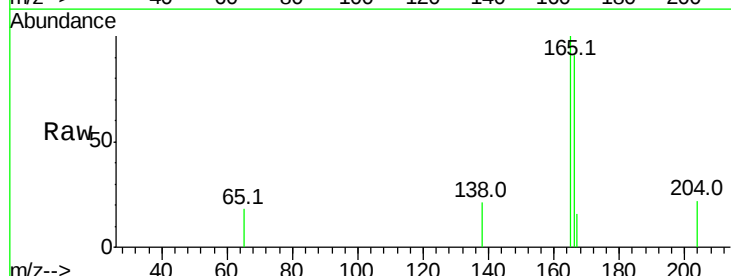
Manual Integrations

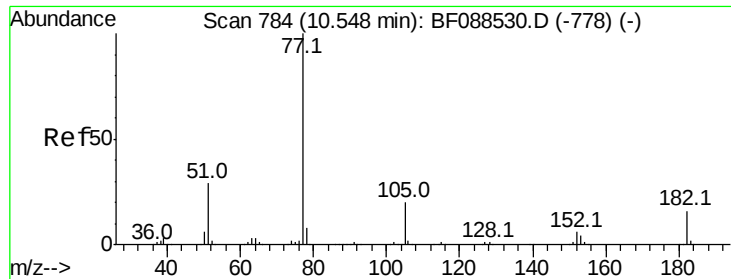
sohil
7/12/2016 7:36:38 PM



#61
4-Nitroaniline
Concen: 0.09 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	27.3	67.3#
108	0.0	46.7	86.7#





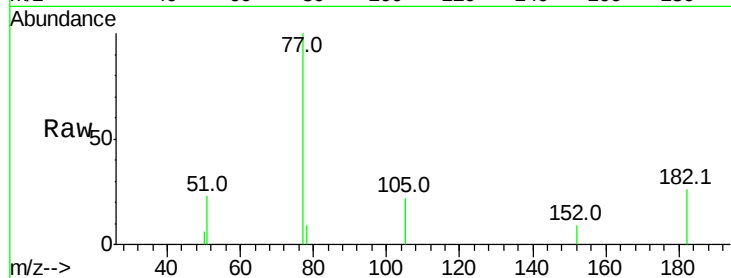
#62
Azobenzene
Concen: 0.44 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

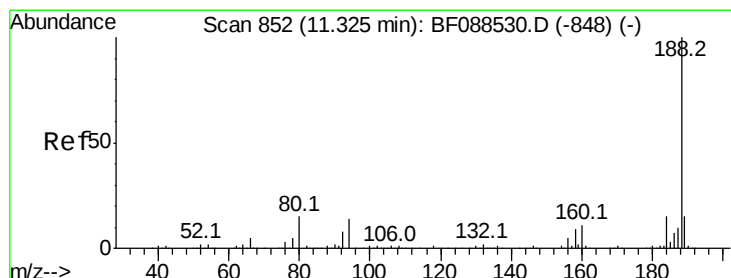
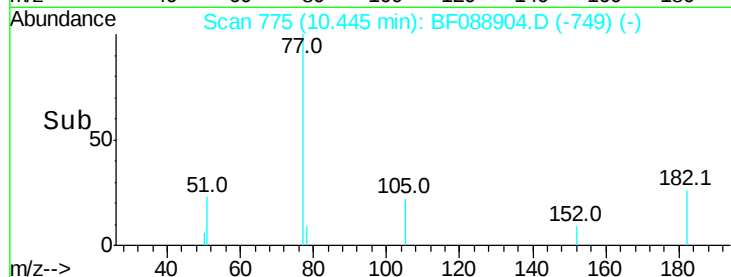
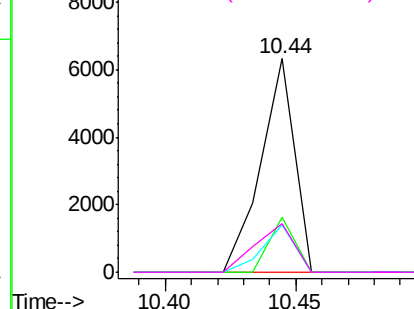
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.4	44.4
105	22.4	3.8	43.8
51	22.8	9.3	49.3

Manual Integrations

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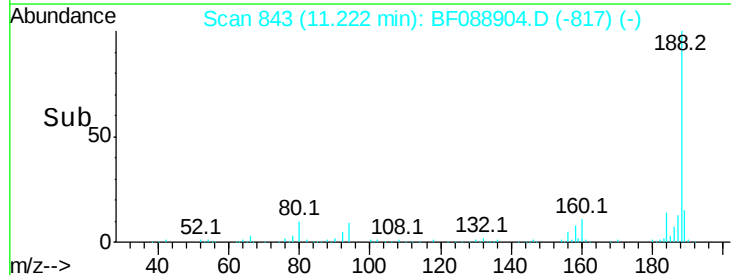
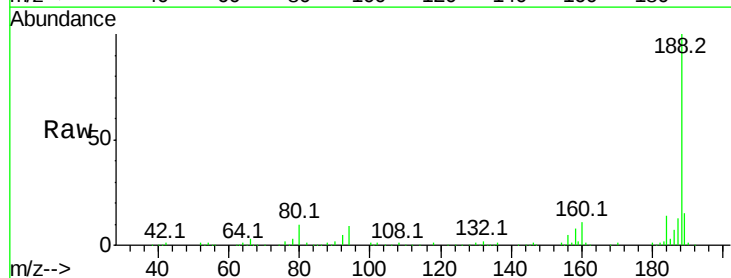
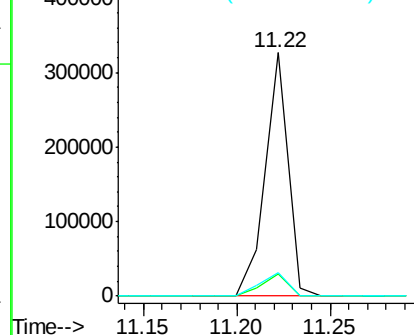
Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

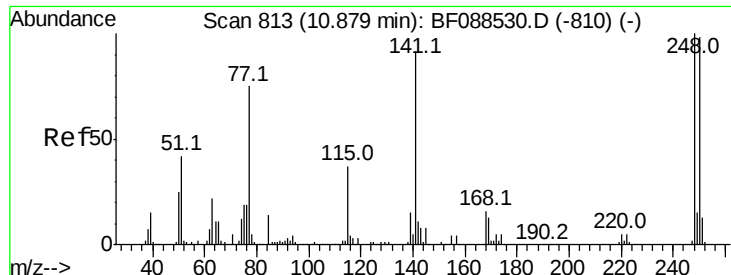


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.6#
80	9.8	10.0	15.0#

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





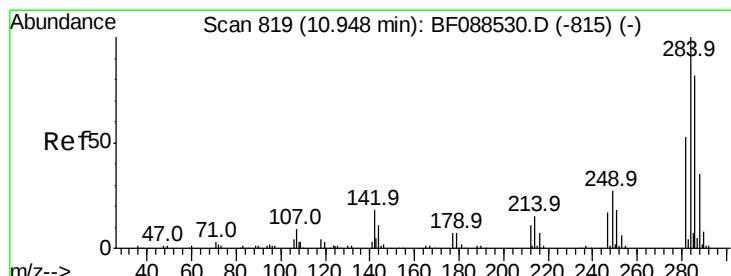
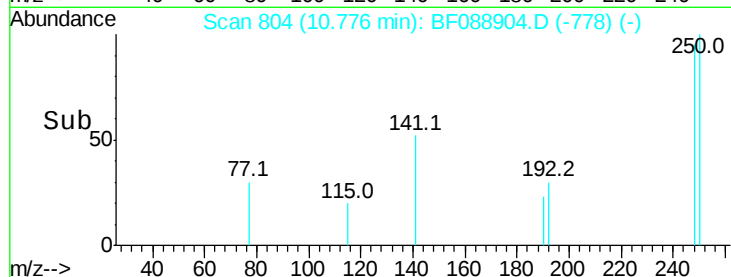
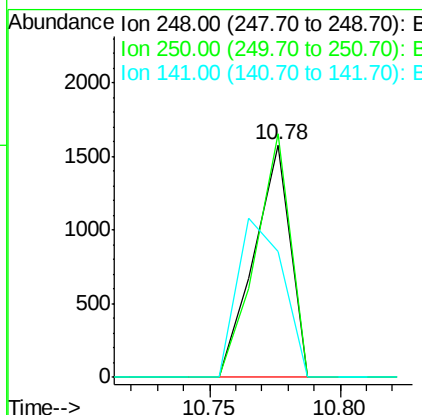
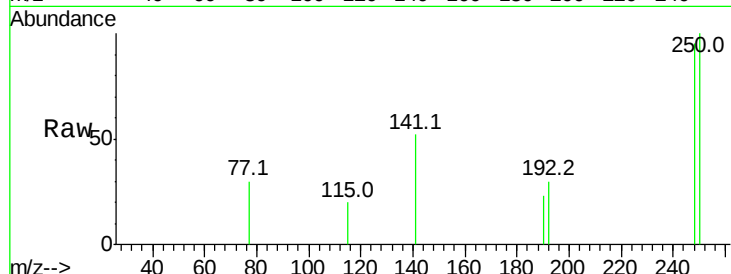
#66
4-Bromophenyl-phenylether
Concen: 0.56 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion:248 Resp: 1544
Ion Ratio Lower Upper
248 100
250 104.9 77.1 115.7
141 54.4 50.6 76.0

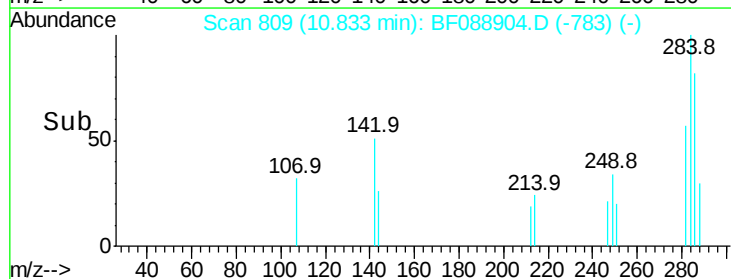
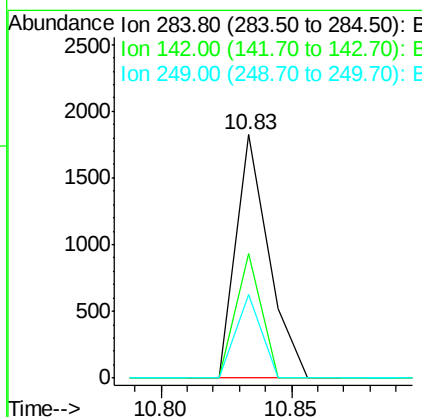
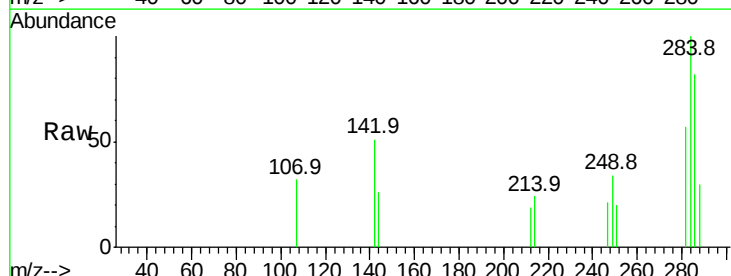
Manual Integrations

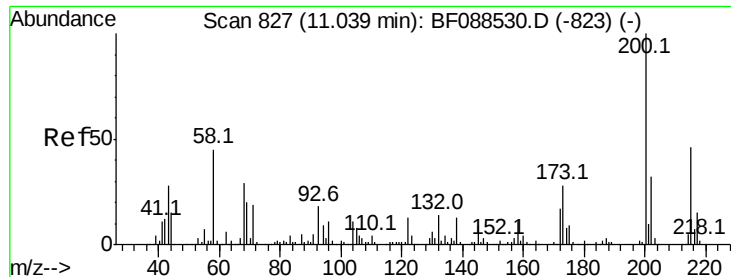
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#67
Hexachlorobenzene
Concen: 0.53 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion:284 Resp: 1608
Ion Ratio Lower Upper
284 100
142 51.3 35.8 53.8
249 34.2 25.8 38.6





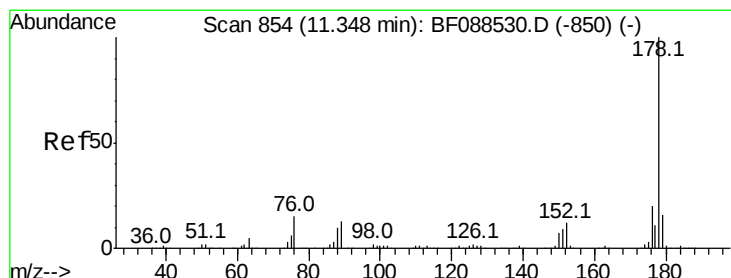
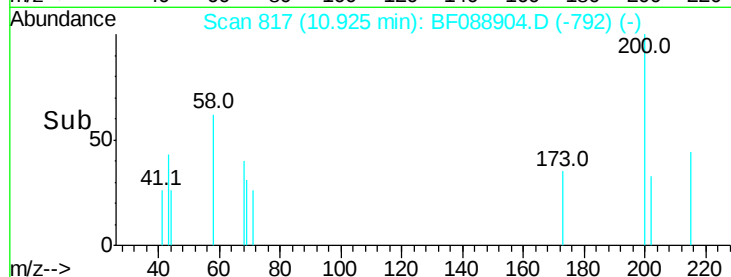
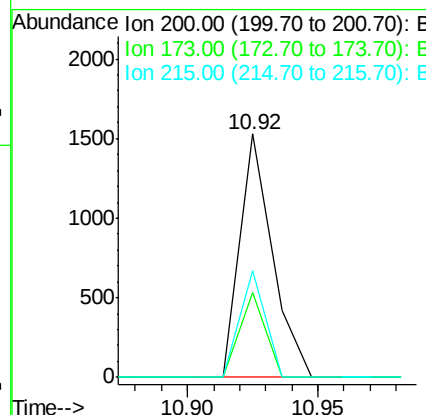
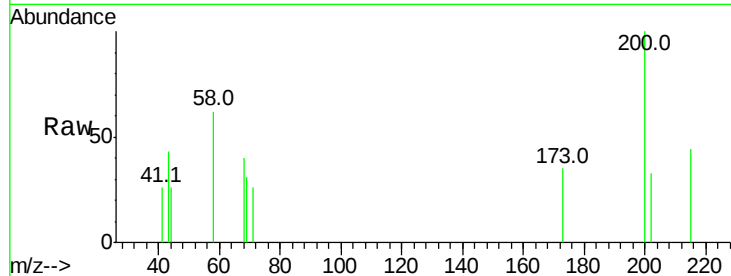
#68
Atrazine
Concen: 0.46 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	34.7	4.0	44.0
215	43.8	29.3	69.3

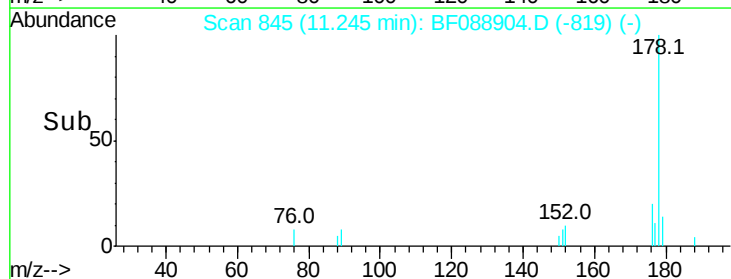
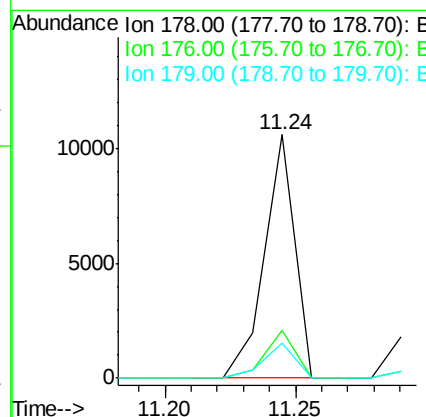
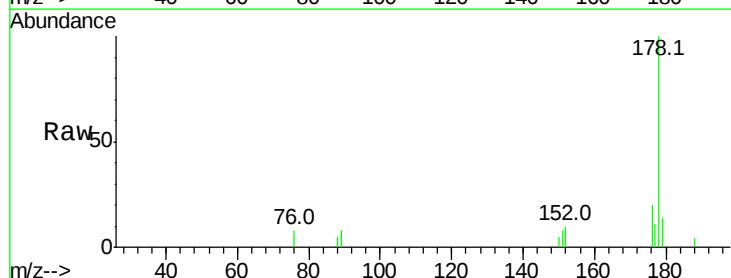
Manual Integrations

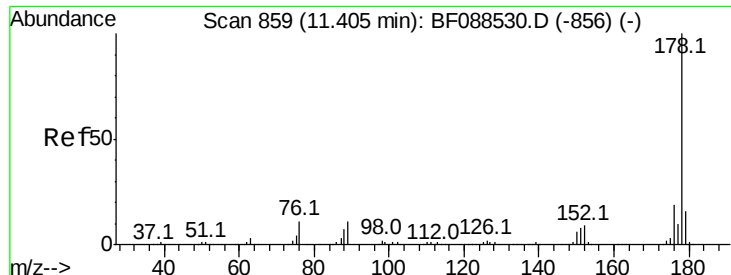
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#70
Phenanthrene
Concen: 0.57 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	14.4	13.0	19.4





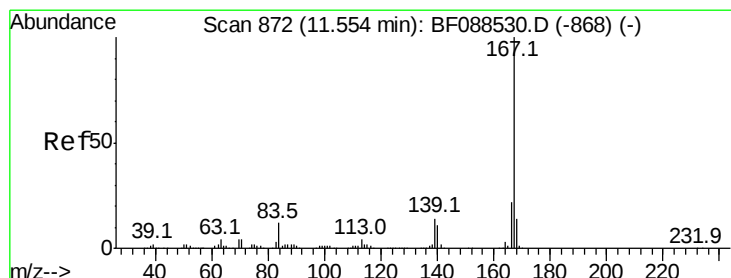
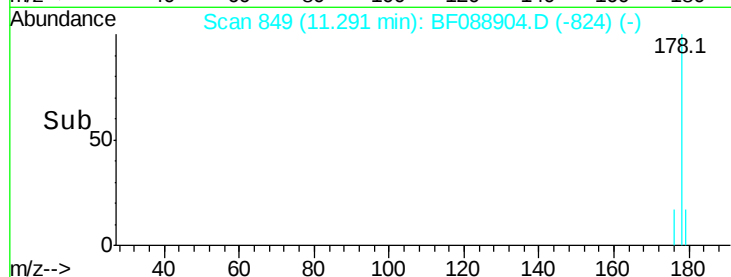
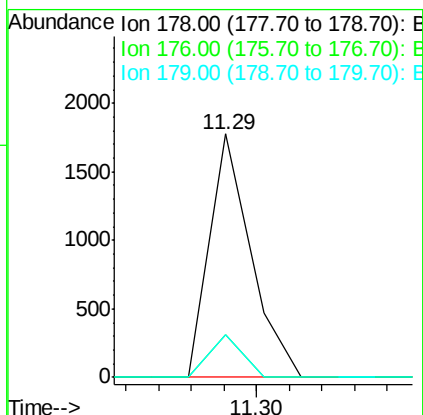
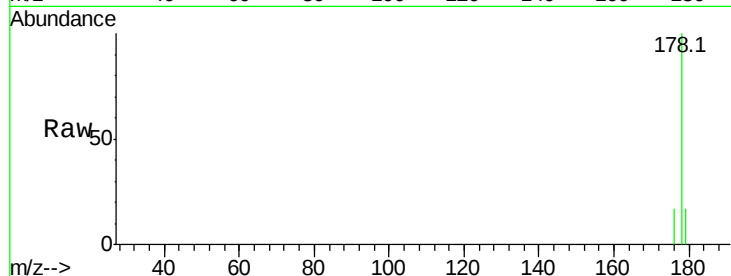
#71
 Anthracene
 Concen: 0.10 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tot Ion:178 Resp: 1540
 Ion Ratio Lower Upper
 178 100
 176 17.4 15.6 23.4
 179 17.3 12.8 19.2

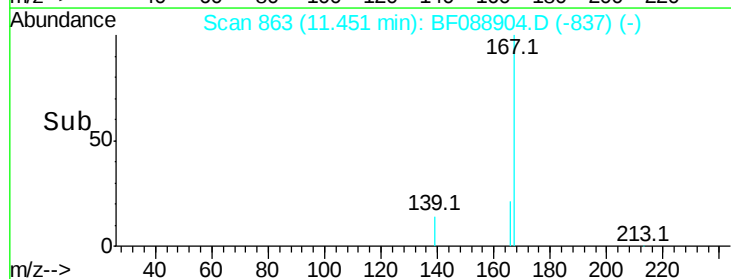
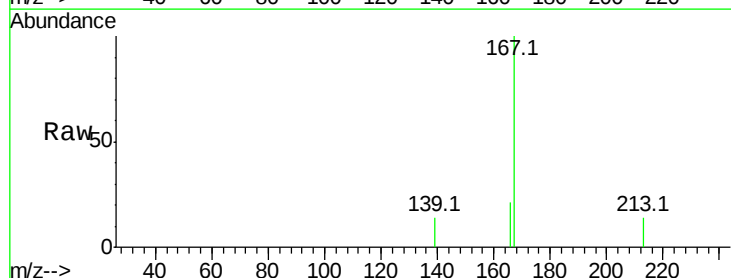
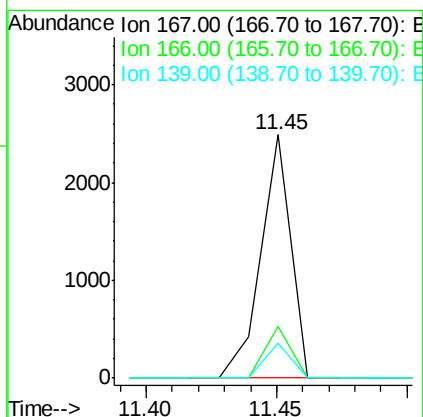
Manual Integrations

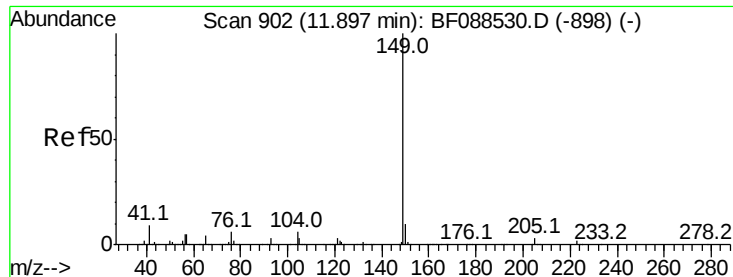
sohil
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#72
 Carbazole
 Concen: 0.14 ng
 RT: 11.45 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Tgt Ion:167 Resp: 1998
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.8 26.6
 139 14.1 11.2 16.8





#73

Di-n-butylphthalate

Concen: 0.65 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

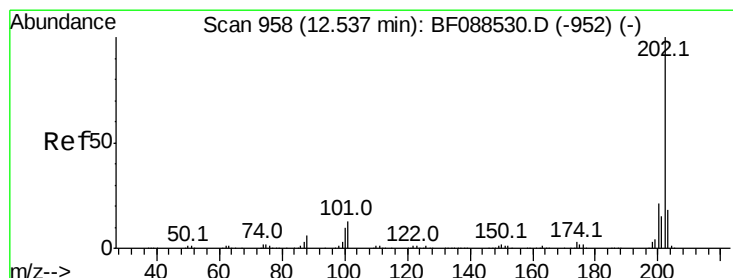
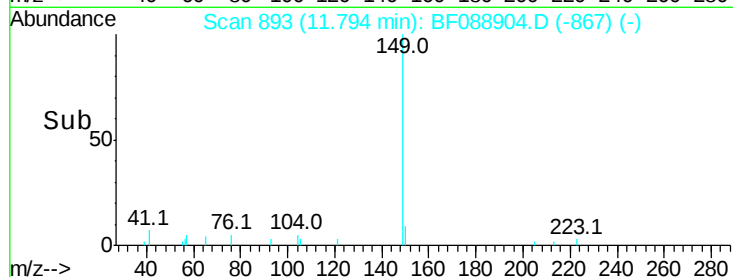
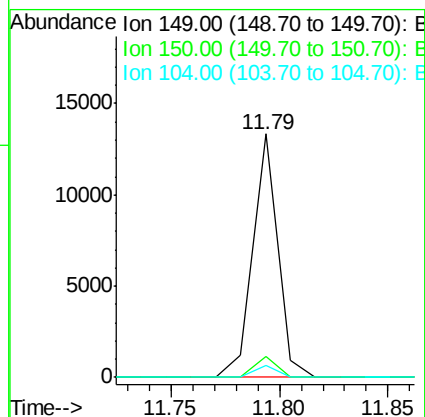
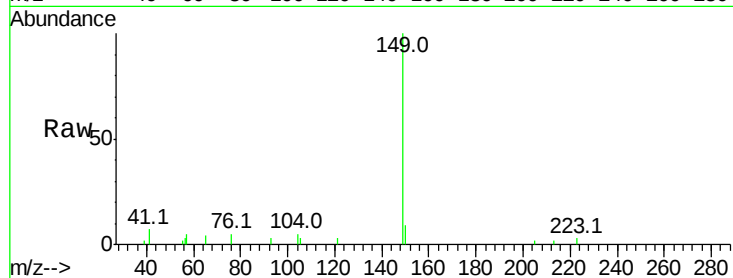
P001-TL001-01MSD

Tot Ion:	149	Resp:	10631
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.8	11.6
104	4.8	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 0.52 ng

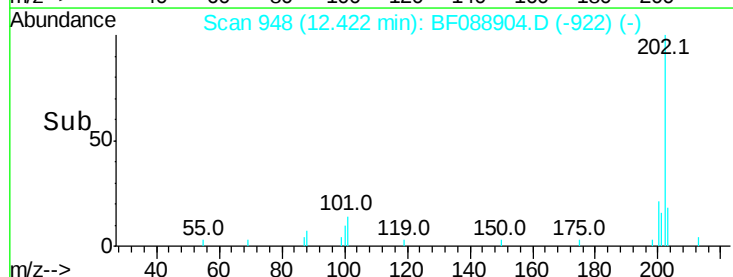
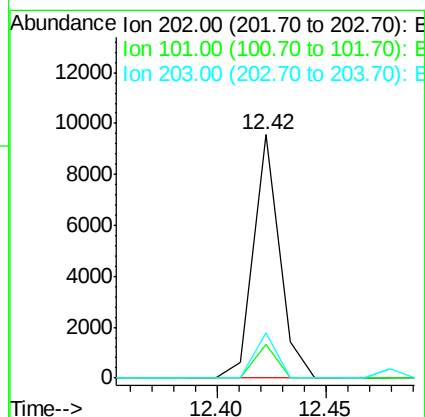
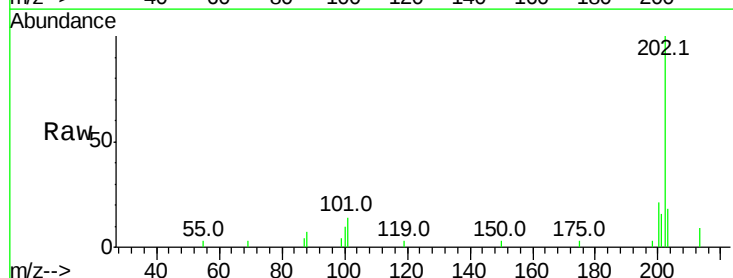
RT: 12.42 min Scan# 948

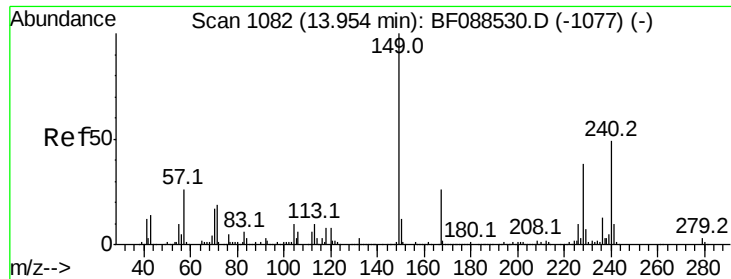
Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Tgt Ion:	202	Resp:	7972
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	33.1
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

Tot Ion:240 Resp: 177673

Ion Ratio Lower Upper

240 100

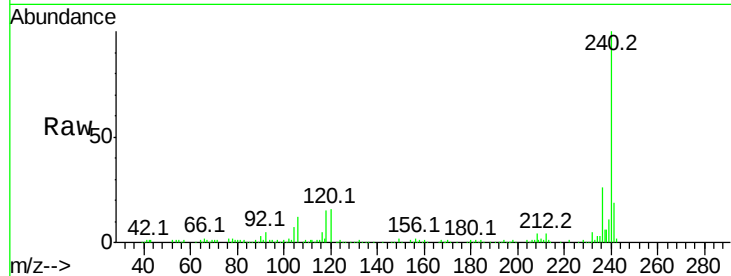
120 15.8 6.8 10.2#

236 25.8 20.2 30.2

Manual Integrations

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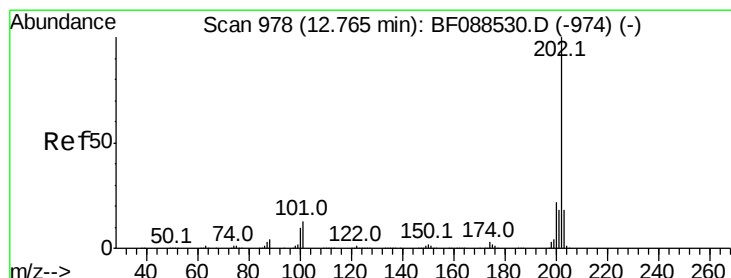
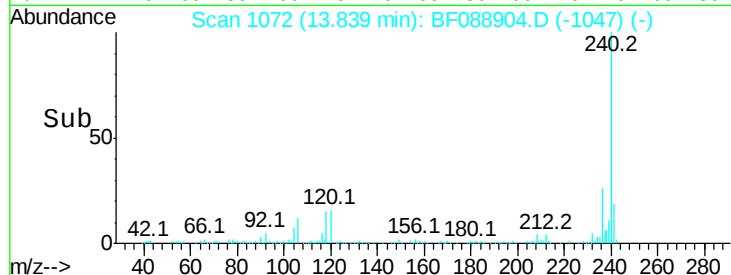
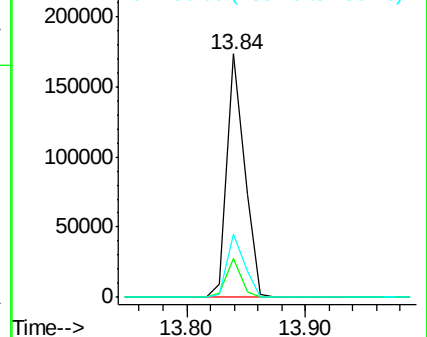
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.23 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

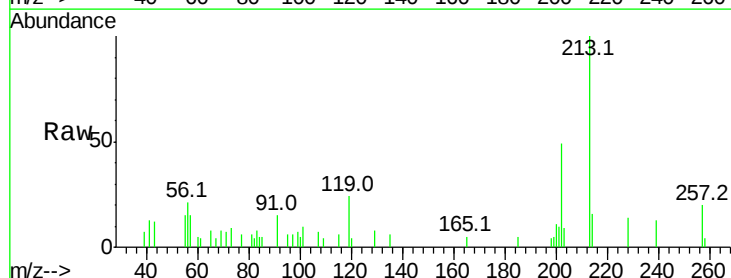
Tgt Ion:202 Resp: 3441

Ion Ratio Lower Upper

202 100

200 23.1 17.4 26.2

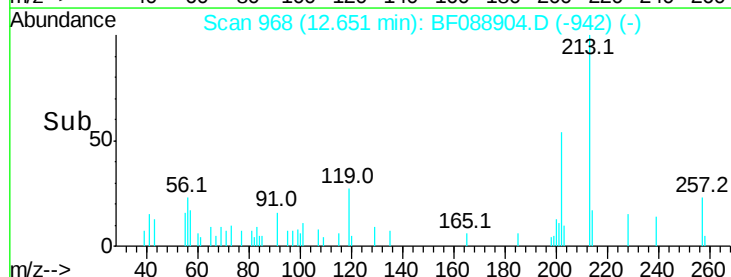
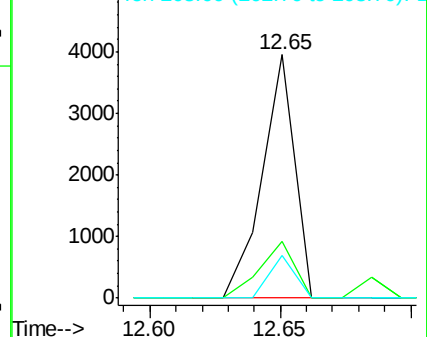
203 17.6 14.5 21.7

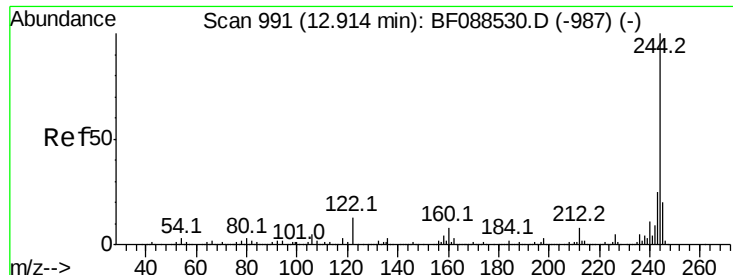


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





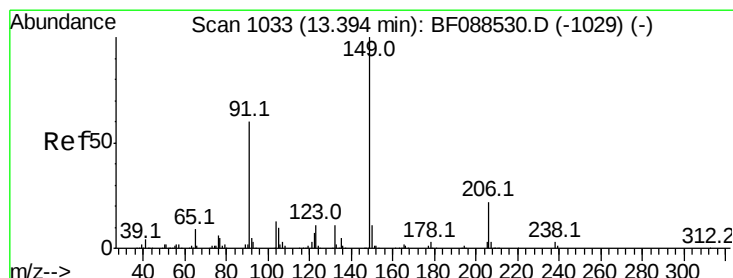
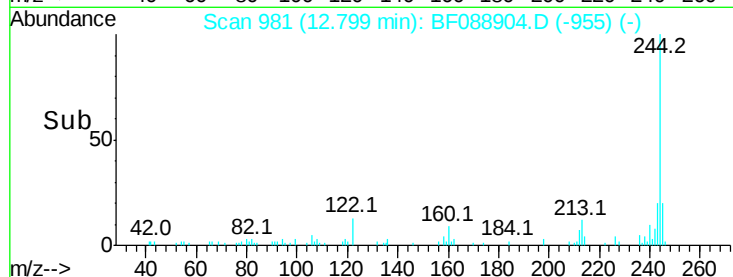
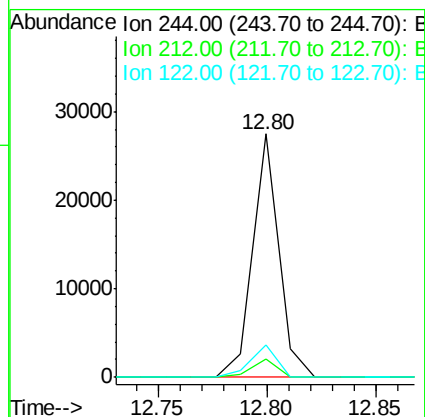
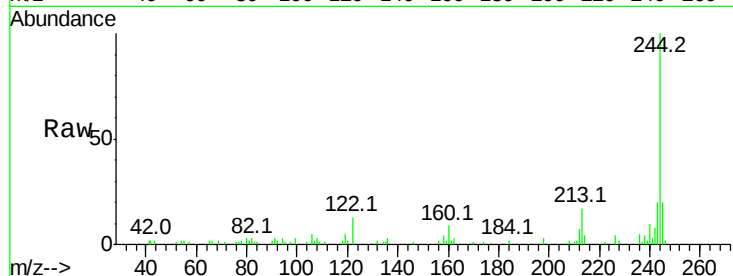
#78
 Terphenyl-d14
 Concen: 2.87 ng
 RT: 12.80 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.2	11.2	16.8

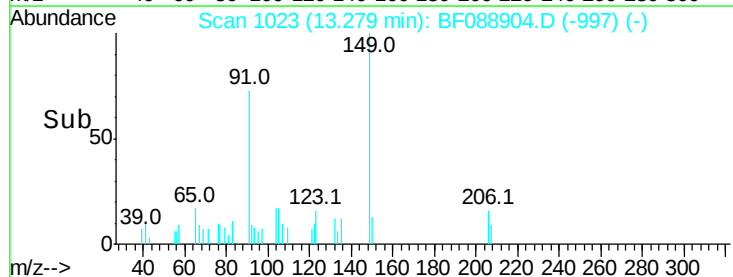
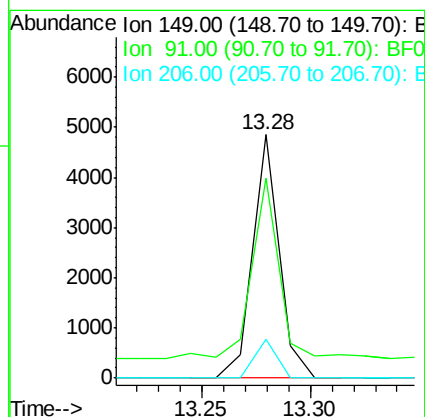
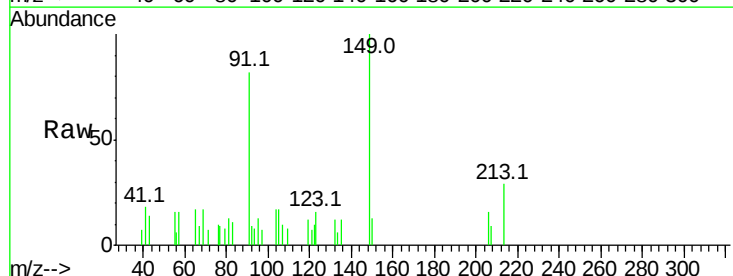
Manual Integrations

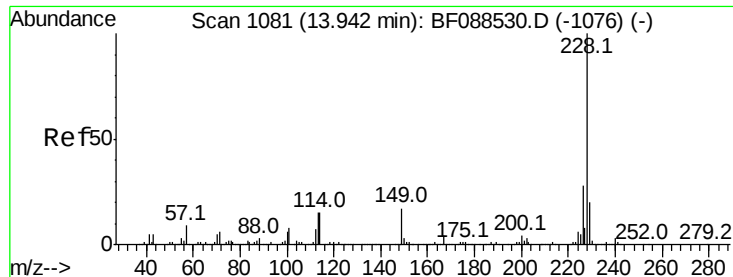
sohil
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#79
 Butylbenzylphthalate
 Concen: 0.61 ng
 RT: 13.28 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.3	48.0	72.0#
206	15.9	16.0	24.0#





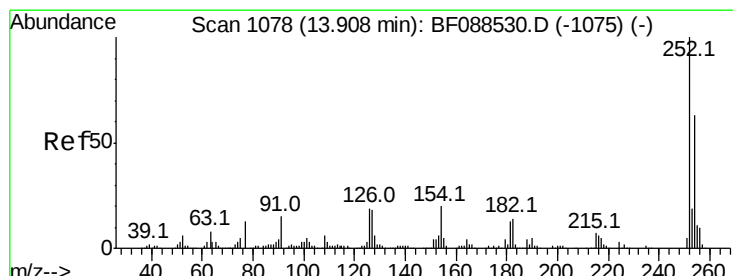
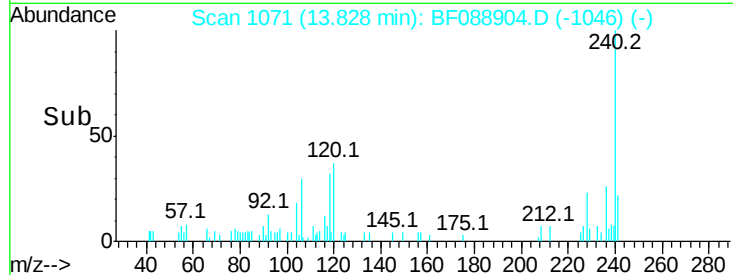
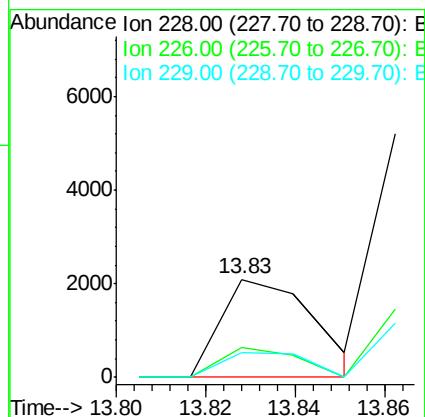
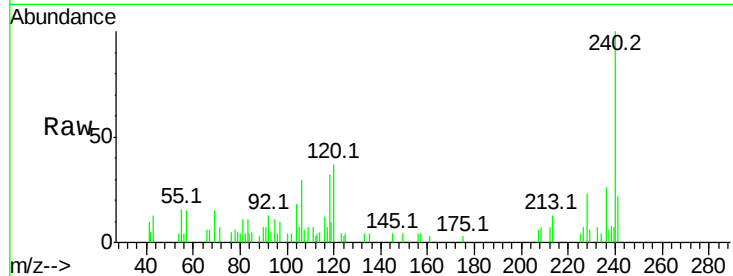
#80
Benzo(a)anthracene
Concen: 0.26 ng/ml
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion:	228	Resp:	3027
Ion Ratio	Lower	Upper	
228	100		
226	30.8	22.3	33.5
229	24.7	16.0	24.0

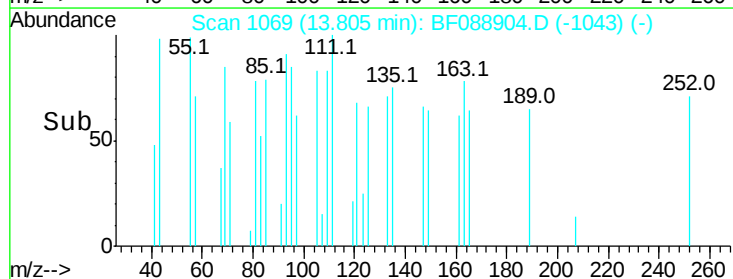
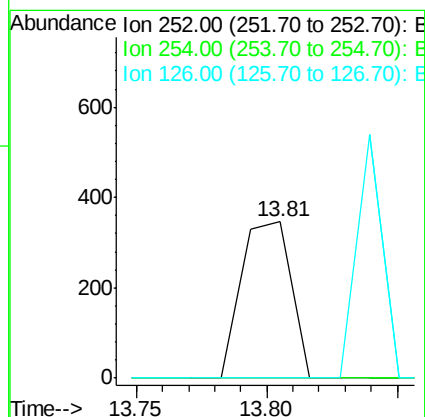
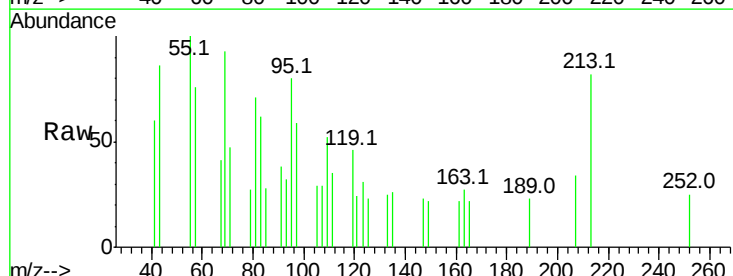
Manual Integrations

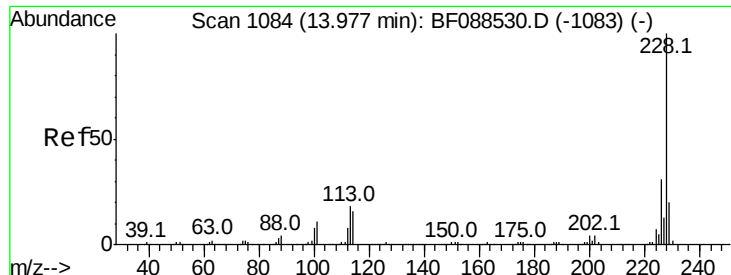
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#81
3,3'-Dichlorobenzidine
Concen: 0.11 ng/ml
RT: 13.81 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion:	252	Resp:	464
Ion Ratio	Lower	Upper	
252	100		
254	0.0	52.6	78.8
126	0.0	6.2	9.2





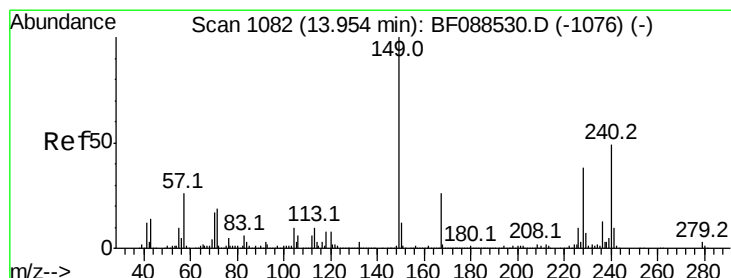
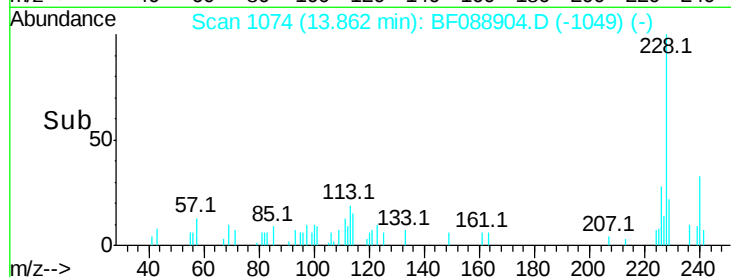
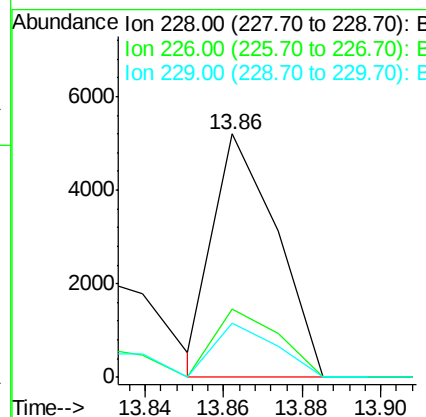
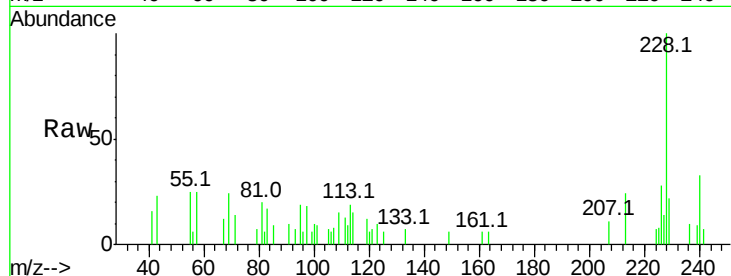
#82
Chrysene
Concen: 0.50 ng/ml
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion: 228 Resp: 5707
Ion Ratio Lower Upper
228 100
226 27.9 25.4 38.2
229 22.0 16.3 24.5

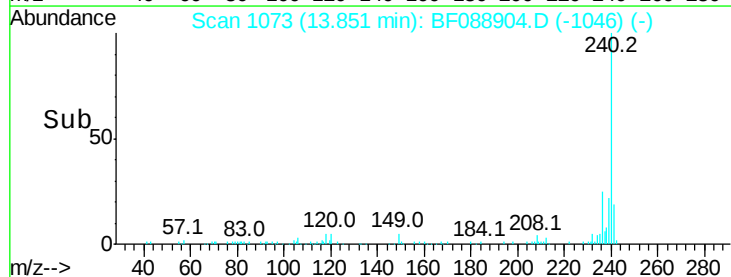
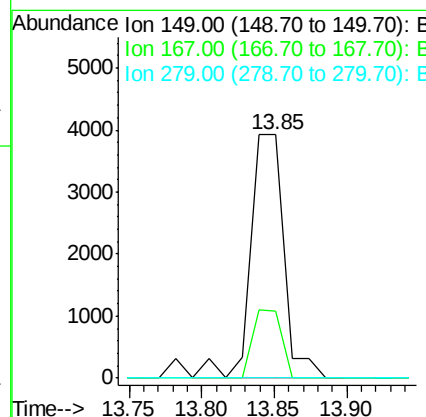
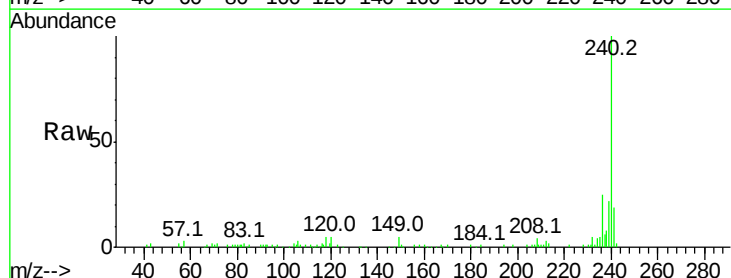
Manual Integrations

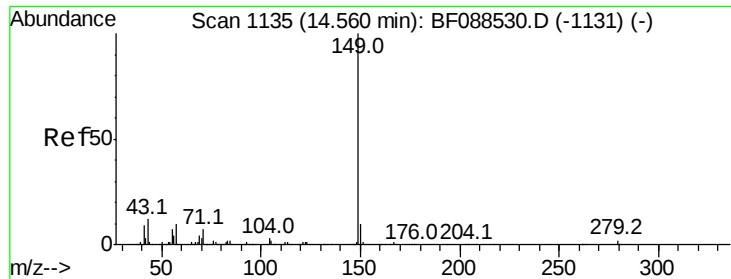
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#83
Bis(2-ethylhexyl)phthalate
Concen: 0.82 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion: 149 Resp: 6268
Ion Ratio Lower Upper
149 100
167 27.6 20.5 30.7
279 0.0 2.0 3.0#





#84

Di-n-octyl phthalate

Concen: 0.62 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

Instrument :

BNA_F

ClientSampleId :

P001-TL001-01MSD

Tot Ion:149 Resp: 8107

Ion Ratio Lower Upper

149 100

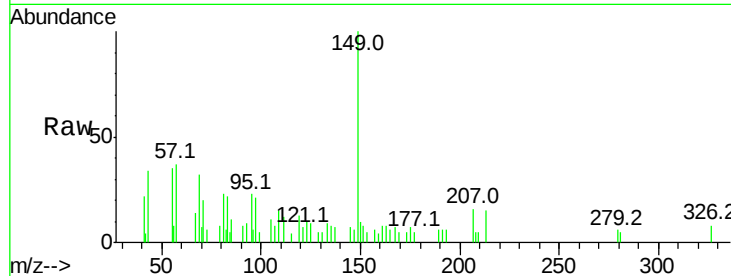
167 9.4 0.0 0.0#

43 12.6 0.0 0.0#

Manual Integrations

sohil

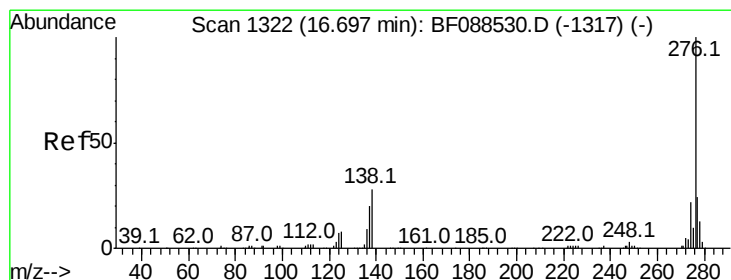
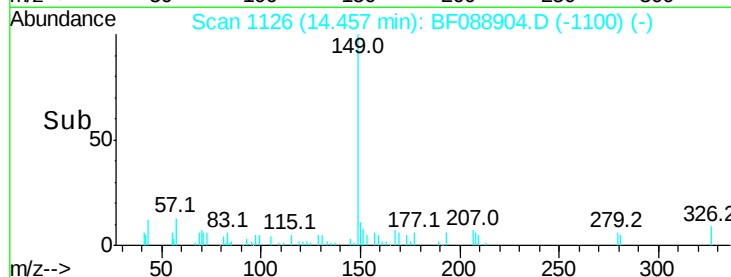
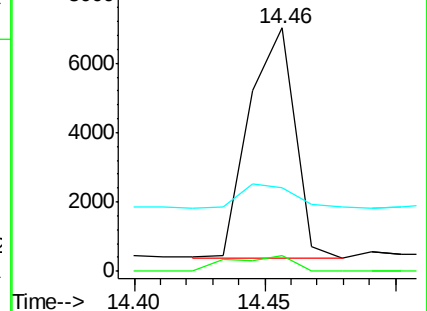
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.34 ng

RT: 16.49 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF088904.D

Acq: 11 Jul 2016 17:29

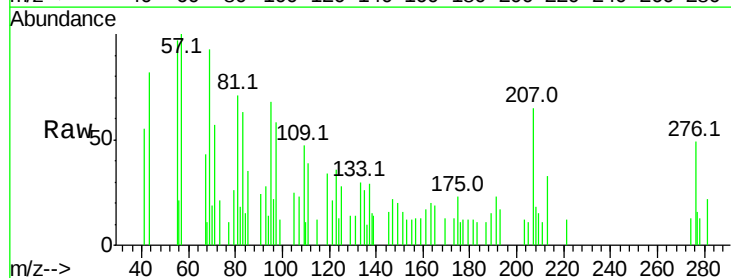
Tgt Ion:276 Resp: 2918

Ion Ratio Lower Upper

276 100

138 38.2 0.0 0.0#

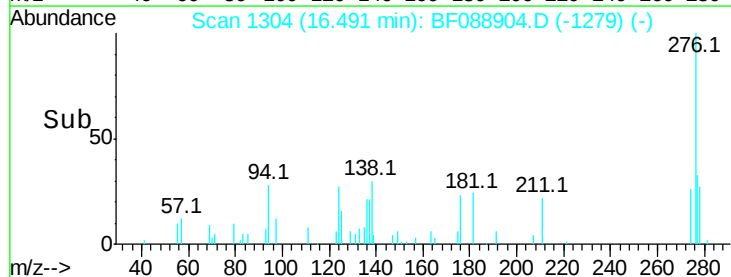
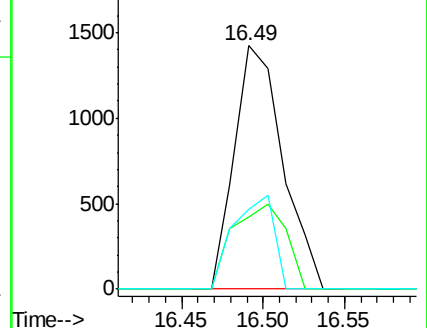
277 32.2 0.0 0.0#

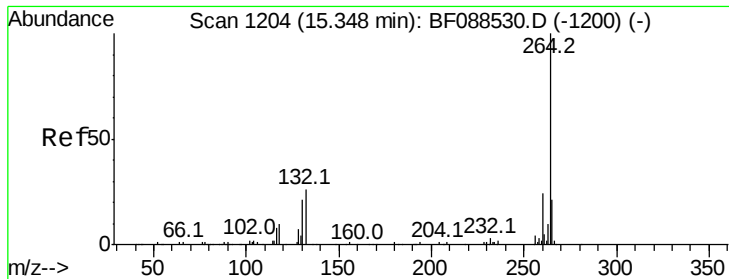


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





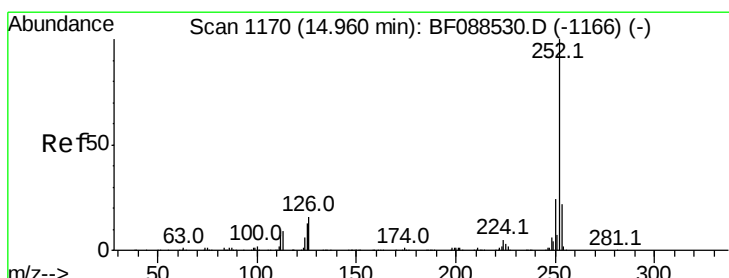
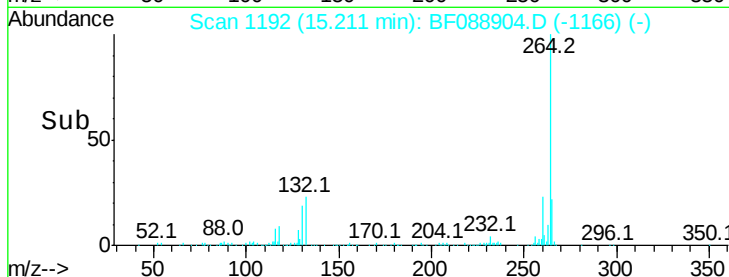
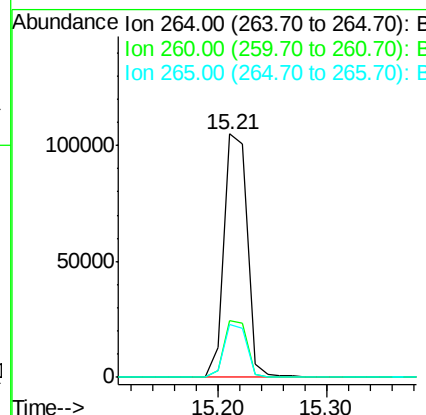
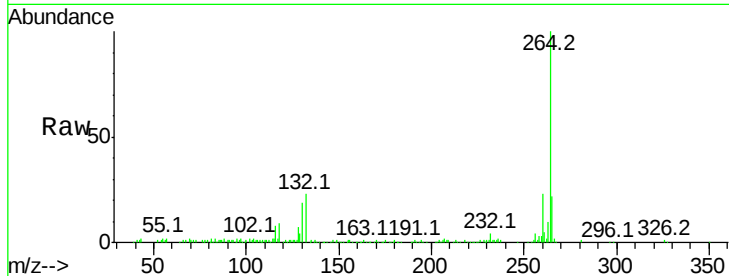
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 P001-TL001-01MSD

Tot Ion:	264	Resp:	155744
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.7	16.9	25.3

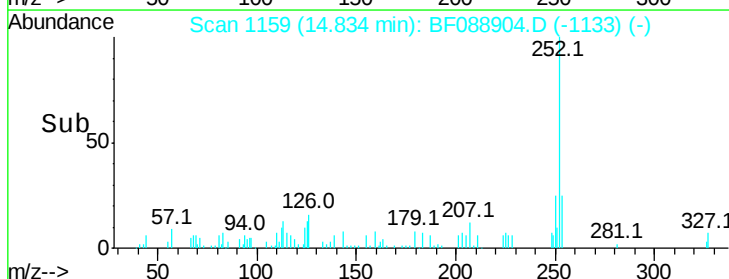
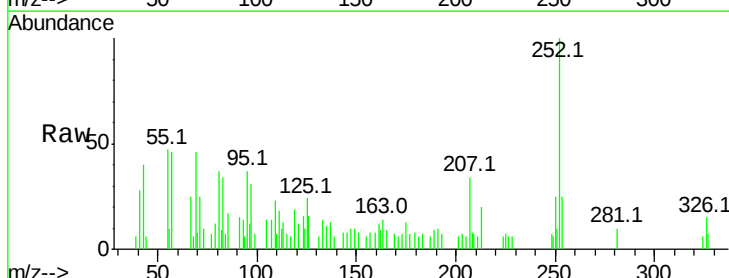
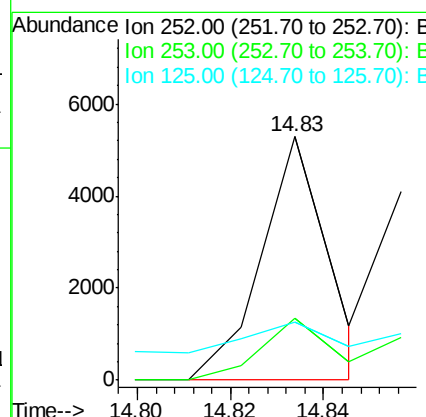
Manual Integrations

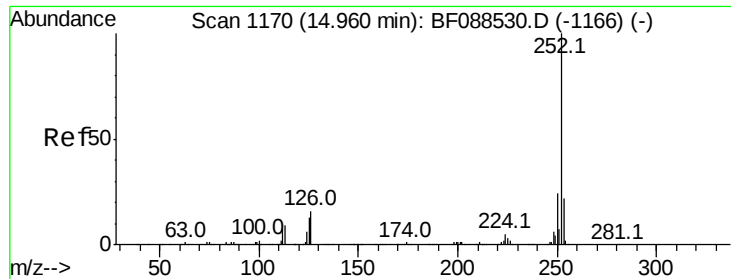
sohil
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#87
 Benzo(b)fluoranthene
 Concen: 0.54 ng m
 RT: 14.83 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF088904.D
 Acq: 11 Jul 2016 17:29

Tgt Ion:	252	Resp:	5230
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.4	26.2
125	23.7	7.1	10.7#





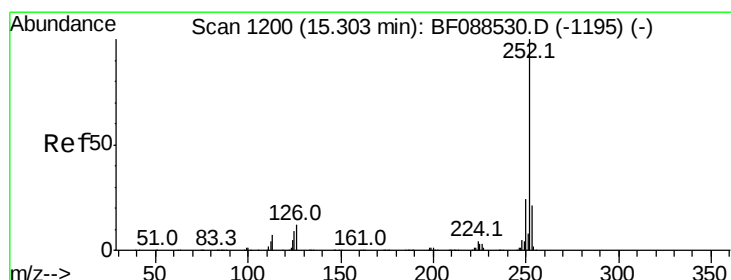
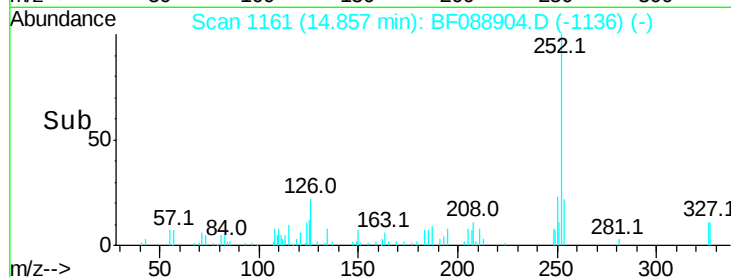
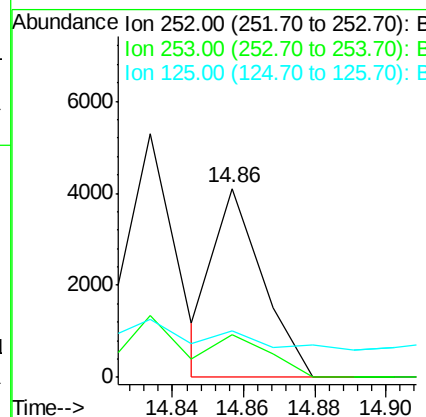
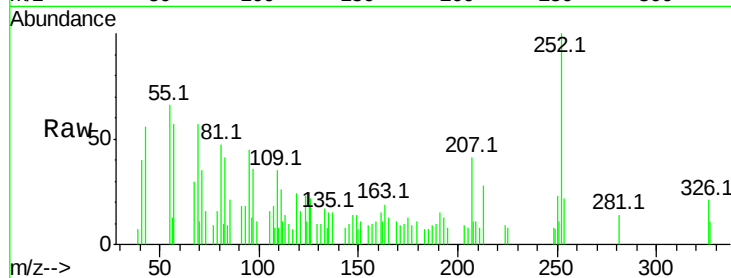
#88
Benzo(k)fluoranthene
Concen: 0.45 ng m
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	24.9	11.2	16.8

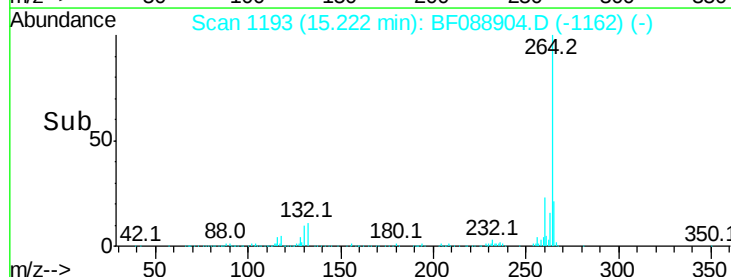
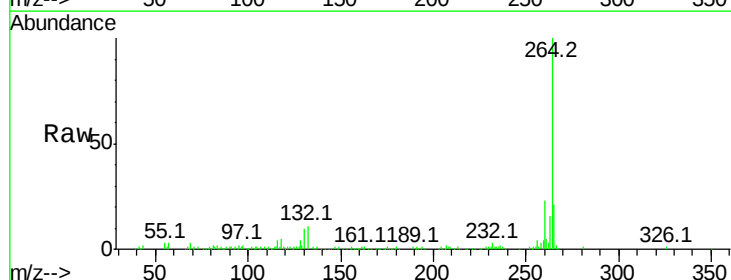
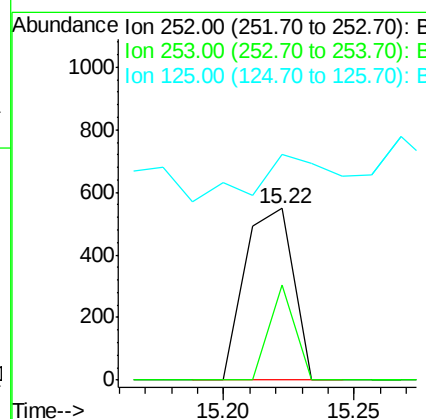
Manual Integrations

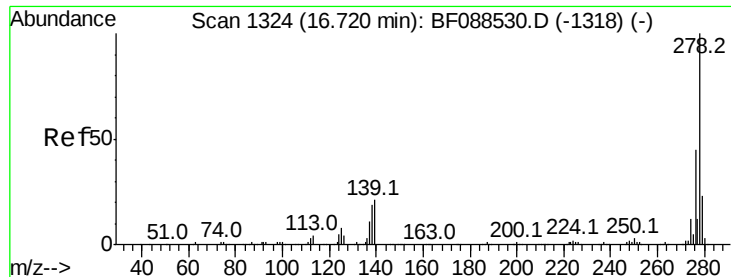
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#89
Benzo(a)pyrene
Concen: 0.09 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.06 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.7	17.9	26.9
125	131.1	12.5	18.7





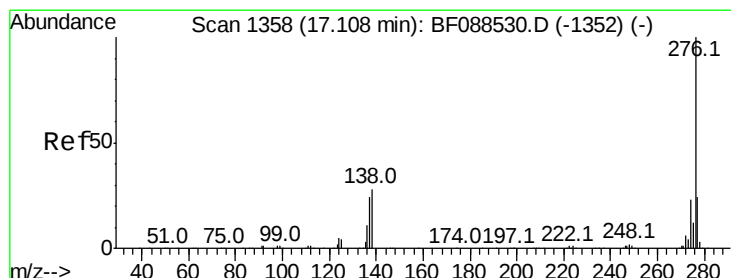
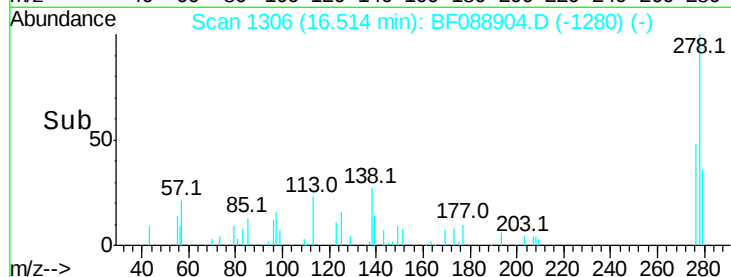
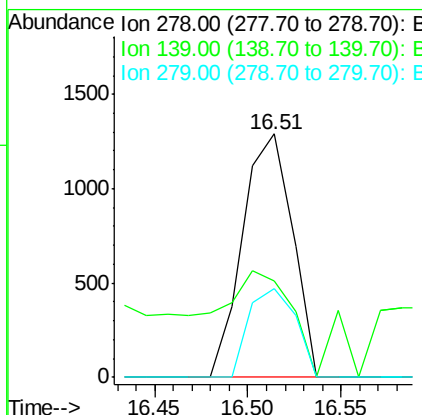
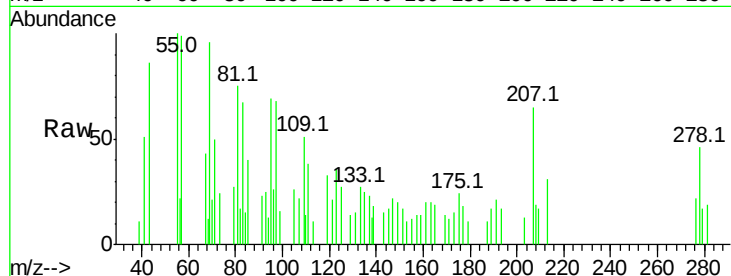
#90
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 16.51 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Instrument :
BNA_F
ClientSampleId :
P001-TL001-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	39.3	15.7	23.5#
279	36.2	19.4	29.2#

Manual Integrations

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#91
Benzo(g,h,i)perylene
Concen: 0.27 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088904.D
Acq: 11 Jul 2016 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	41.8	18.9	28.3#
138	32.1	21.4	32.2

