

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088828.D
 Acq On : 8 Jul 2016 16:27
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations

APPROVED
 UMANGI
 7/10/2016 12:33:51 AM

Quant Time: Jul 08 19:41:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	87493	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	363578	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	172891	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	319378	20.00	ng	0.00
75) Chrysene-d12	13.87	240	198367	20.00	ng	0.00
86) Perylene-d12	15.25	264	175910	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	450035	77.09	ng	-0.01
7) Phenol-d6	6.38	99	568128	75.32	ng	0.00
23) Nitrobenzene-d5	7.30	82	493992	71.20	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	149249	92.96	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	845933	77.29	ng	0.00
78) Terphenyl-d14	12.82	244	739838	83.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	103867	35.89	ng	# 27
3) Pyridine	2.91	79	300100	35.73	ng	91
4) n-Nitrosodimethylamine	2.88	42	112739	35.14	ng	87
6) Aniline	6.40	93	406921	37.02	ng	100
8) 2-Chlorophenol	6.51	128	241396	38.47	ng	98
9) Benzaldehyde	6.27	77	161299	31.57	ng	88
10) Phenol	6.39	94	330641	38.41	ng	# 58
11) bis(2-Chloroethyl)ether	6.48	93	251676	39.20	ng	# 80
12) 1,3-Dichlorobenzene	6.67	146	281623	40.79	ng	99
13) 1,4-Dichlorobenzene	6.75	146	291043	42.47	ng	99
14) 1,2-Dichlorobenzene	6.90	146	239293m	37.30	ng	
15) Benzyl Alcohol	6.88	79	201854	36.36	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	298944	32.15	ng	89
17) 2-Methylphenol	6.99	107	206948	40.43	ng	96
18) Hexachloroethane	7.24	117	105108	39.65	ng	# 86
19) n-Nitroso-di-n-propylamine	7.16	70	195459	38.58	ng	# 84
20) 3+4-Methylphenols	7.15	107	226948	36.94	ng	# 80
22) Acetophenone	7.15	105	371067	42.05	ng	# 90
24) Nitrobenzene	7.32	77	284729	40.70	ng	96
25) Isophorone	7.56	82	478206	37.21	ng	96
26) 2-Nitrophenol	7.63	139	118975	41.48	ng	94
27) 2,4-Dimethylphenol	7.68	122	211990	35.48	ng	87
28) bis(2-Chloroethoxy)methane	7.78	93	327381	39.15	ng	# 97
29) 2,4-Dichlorophenol	7.88	162	201470	41.73	ng	92
30) 1,2,4-Trichlorobenzene	7.96	180	230703	43.54	ng	100
31) Naphthalene	8.04	128	783480	43.71	ng	99
32) Benzoic acid	7.83	122	162931	37.56	ng	92
33) 4-Chloroaniline	8.09	127	295045	37.00	ng	96
34) Hexachlorobutadiene	8.16	225	118731	41.85	ng	97
35) Caprolactam	8.47	113	66842	40.76	ng	91
36) 4-Chloro-3-methylphenol	8.58	107	254750	44.62	ng	96
37) 2-Methylnaphthalene	8.73	142	461369	39.98	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	250542	43.57	ng	# 1
40) Hexachlorocyclopentadiene	8.89	237	102256	36.23	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	138589	36.55	ng	96
43) 2,4,5-Trichlorophenol	9.05	196	146635	44.95	ng #	93
45) 1,1'-Biphenyl	9.20	154	616472	43.06	ng	96
46) 2-Chloronaphthalene	9.22	162	465287	41.40	ng	95
47) 2-Nitroaniline	9.31	65	150666	37.77	ng	98
48) Acenaphthylene	9.63	152	751661	42.03	ng	99
49) Dimethylphthalate	9.51	163	502334	40.78	ng	98
50) 2,6-Dinitrotoluene	9.55	165	107000	39.20	ng #	38
51) Acenaphthene	9.80	154	473918m	43.23	ng	
52) 3-Nitroaniline	9.72	138	128763	37.10	ng	93
53) 2,4-Dinitrophenol	9.83	184	51795	42.97	ng	88
54) Dibenzofuran	9.98	168	586017	40.84	ng	96
55) 4-Nitrophenol	9.88	139	85657	32.48	ng	92
56) 2,4-Dinitrotoluene	9.96	165	148772	41.68	ng #	88
57) Fluorene	10.31	166	436995	39.52	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	103835	41.14	ng #	47
59) Diethylphthalate	10.19	149	480763	38.89	ng	98
60) 4-Chlorophenyl-phenylether	10.31	204	197989	38.54	ng	92
61) 4-Nitroaniline	10.34	138	139612	41.81	ng	95
62) Azobenzene	10.47	77	545910	38.72	ng	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	72196	42.26	ng	97
65) n-Nitrosodiphenylamine	10.43	169	429750	39.76	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	136474	42.40	ng	97
67) Hexachlorobenzene	10.86	284	131363	36.87	ng	92
68) Atrazine	10.96	200	133690	39.69	ng	94
69) Pentachlorophenol	11.05	266	80725	38.29	ng	96
70) Phenanthrene	11.27	178	658282	37.71	ng	99
71) Anthracene	11.32	178	685900	39.51	ng	98
72) Carbazole	11.47	167	586663	35.91	ng	99
73) Di-n-butylphthalate	11.82	149	789559	41.54	ng	99
74) Fluoranthene	12.45	202	608558	34.38	ng	97
76) Benzidine	12.57	184	375709	37.47	ng	99
77) Pyrene	12.67	202	676052	40.19	ng	99
79) Butylbenzylphthalate	13.30	149	295318	39.36	ng #	81
80) Benzo(a)anthracene	13.85	228	506393	39.65	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	197653	41.16	ng	98
82) Chrysene	13.90	228	533320	42.20	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	346833	40.49	ng	98
84) Di-n-octyl phthalate	14.47	149	550550	37.84	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	417490	42.94	ng #	100
87) Benzo(b)fluoranthene	14.86	252	519436m	47.07	ng	
88) Benzo(k)fluoranthene	14.89	252	307759m	32.04	ng	
89) Benzo(a)pyrene	15.19	252	369680	39.57	ng	96
90) Dibenzo(a,h)anthracene	16.56	278	355367	45.55	ng	98
91) Benzo(g,h,i)perylene	16.94	276	371165	45.97	ng	98

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

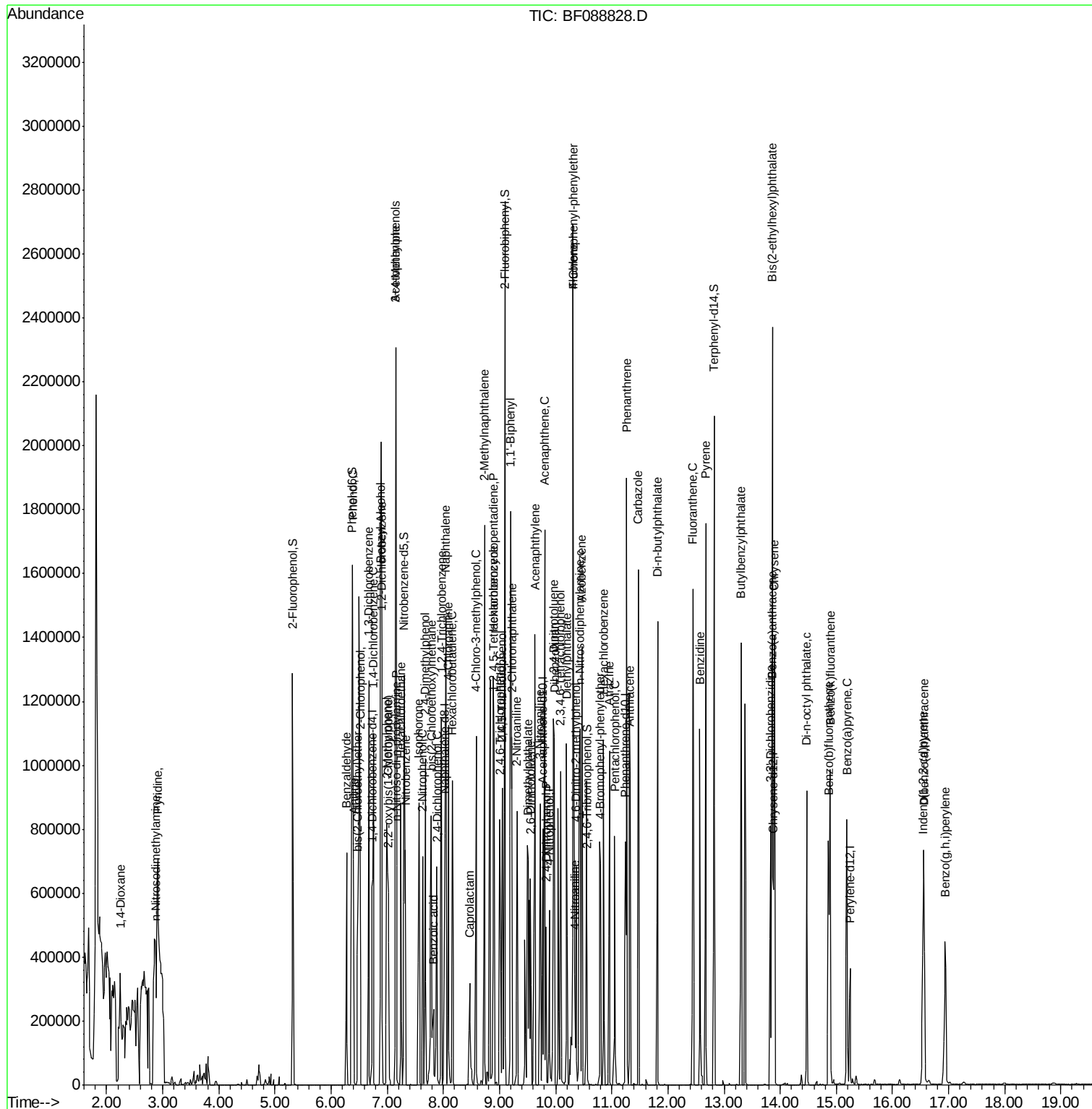
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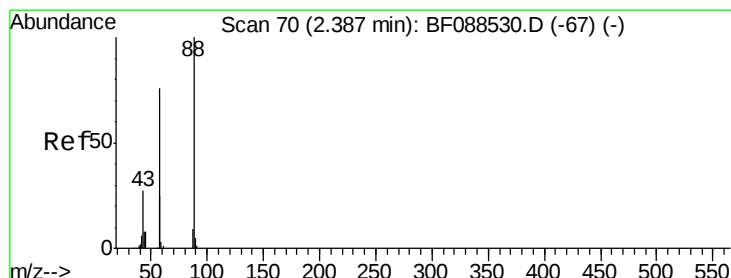
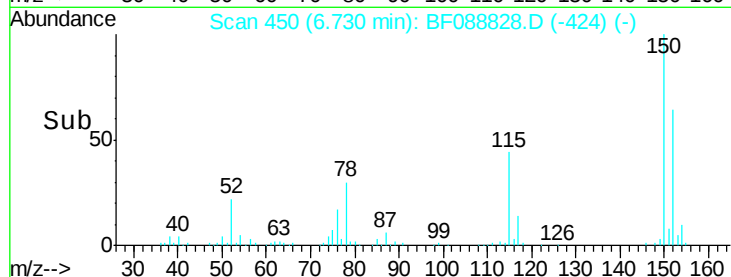
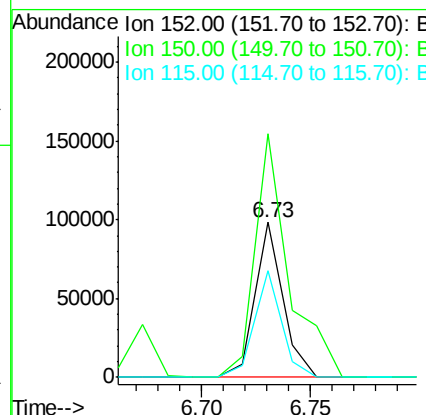
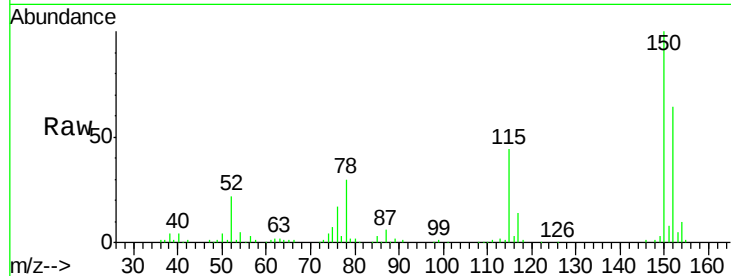
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.6
115	68.7	39.6	59.4

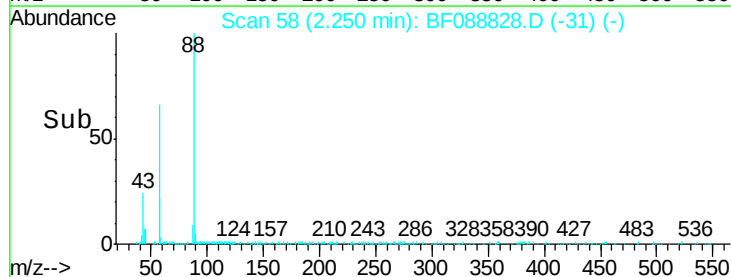
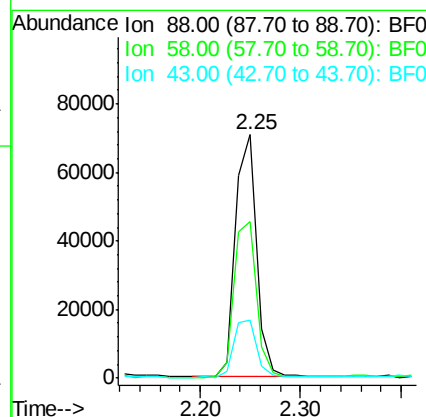
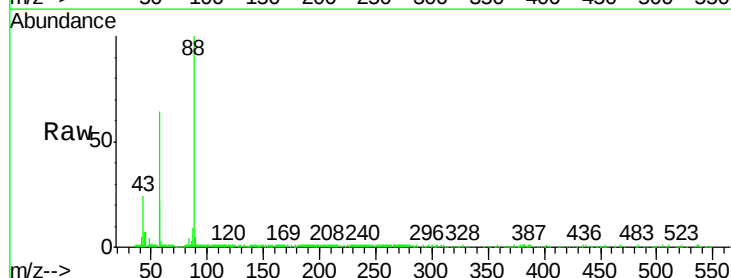
Manual Integrations

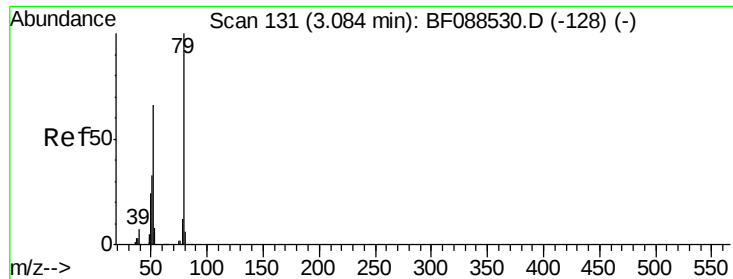
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#2
1,4-Dioxane
Concen: 35.89 ng
RT: 2.25 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	0.0	0.0
43	28.3	3.4	5.2





#3

Pyridine

Concen: 35.73 ng

RT: 2.91 min Scan# 116

Delta R.T. 0.01 min

Lab File: BF088828.D

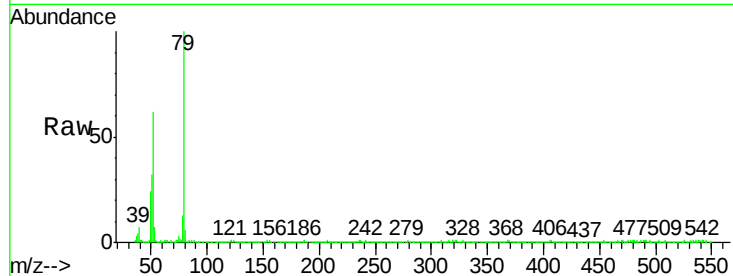
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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

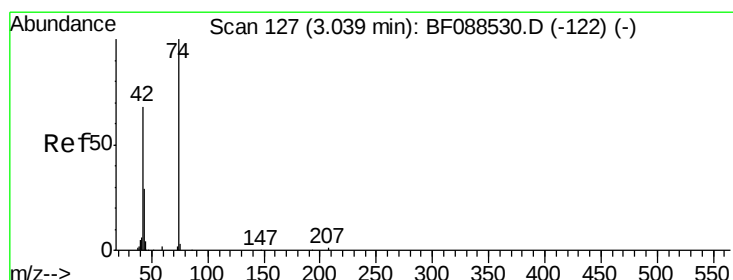
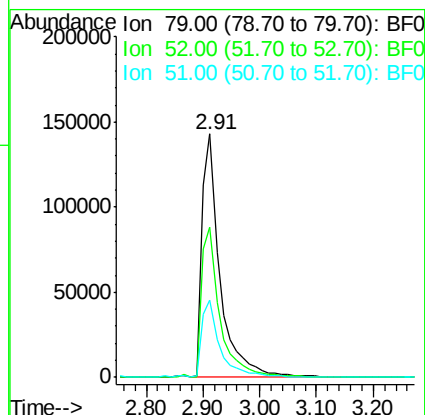
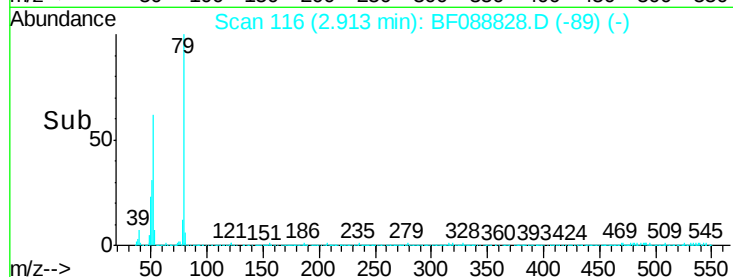


Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.7	56.3	84.5
51	31.5	27.4	41.2

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#4

n-Nitrosodimethylamine

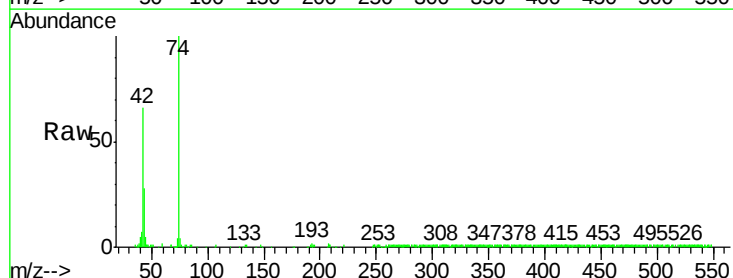
Concen: 35.14 ng

RT: 2.88 min Scan# 113

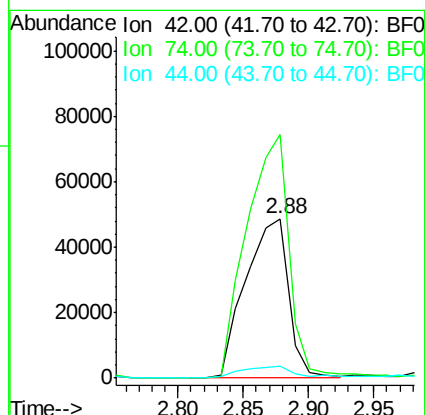
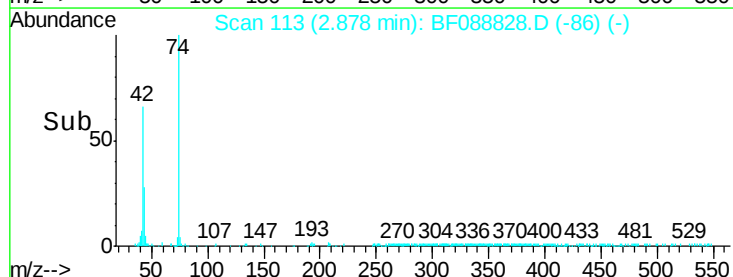
Delta R.T. 0.01 min

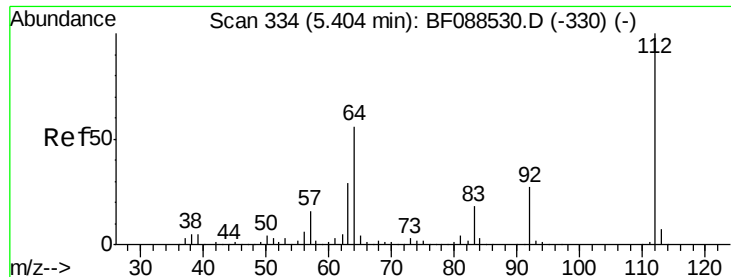
Lab File: BF088828.D

Acq: 8 Jul 2016 16:27



Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.5	108.6	163.0
44	7.2	5.5	8.3





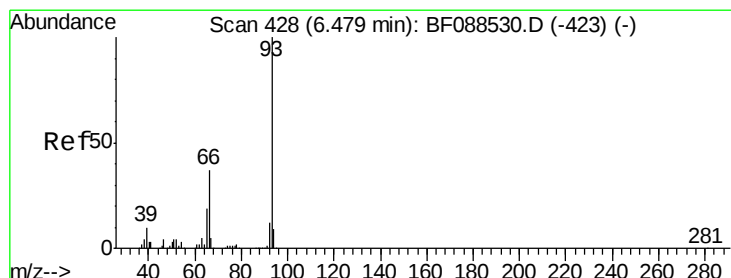
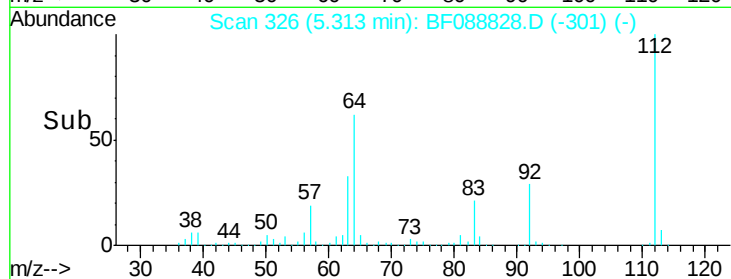
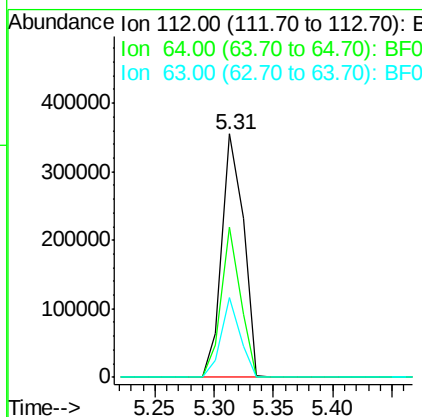
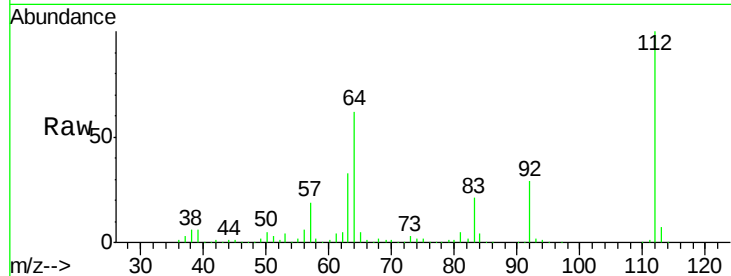
#5
 2-Fluorophenol
 Concen: 77.09 ng
 RT: 5.31 min Scan# 326
 Delta R.T. -0.01 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	112	Resp:	450035
Ion Ratio	Lower	Upper	
112	100		
64	61.7	42.2	63.2
63	32.6	21.8	32.8

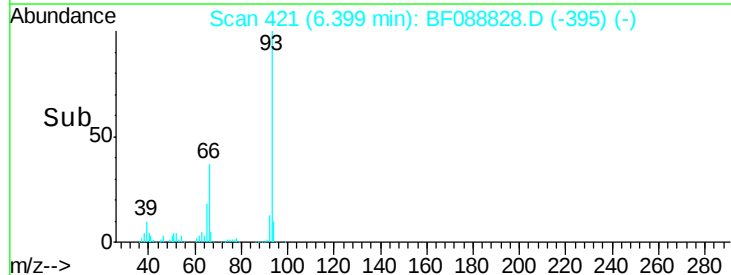
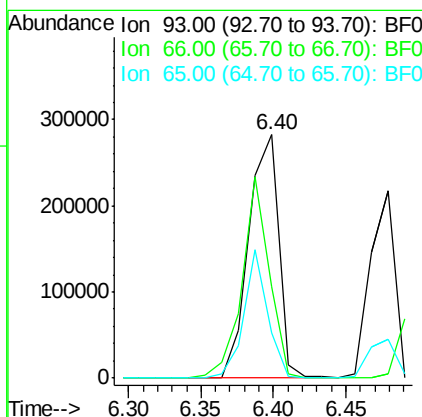
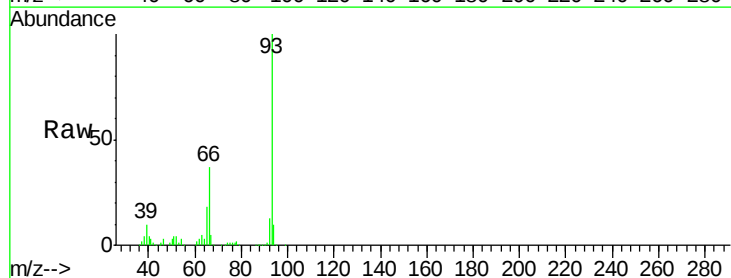
Manual Integrations

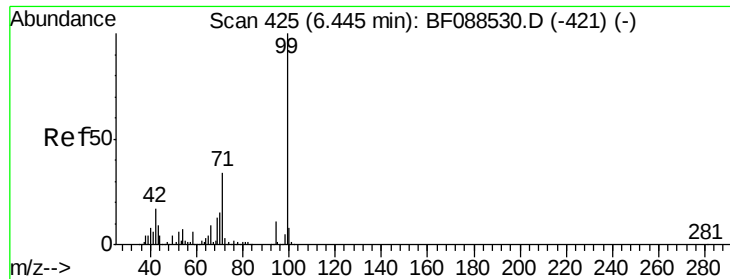
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#6
 Aniline
 Concen: 37.02 ng
 RT: 6.40 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion:	93	Resp:	406921
Ion Ratio	Lower	Upper	
93	100		
66	37.3	29.8	44.8
65	18.5	14.9	22.3





#7

Phenol-d6

Concen: 75.32 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

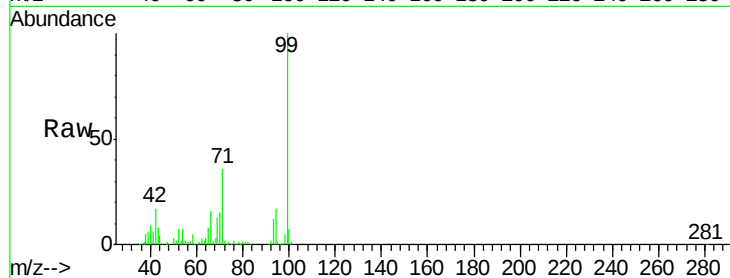
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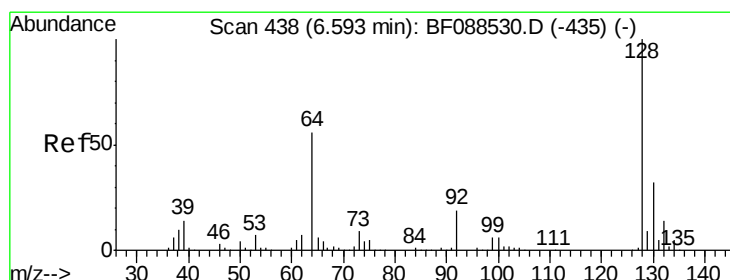
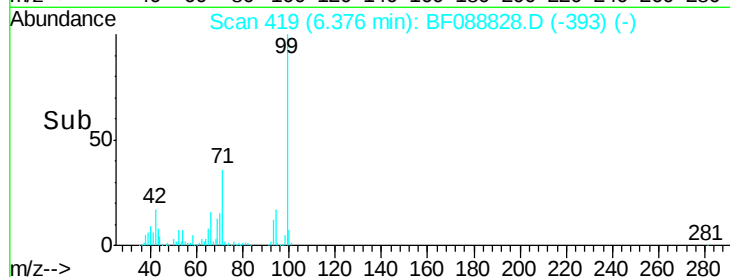
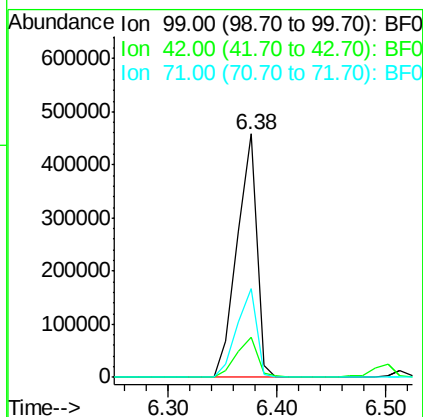
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Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.2	18.2
71	36.4	23.4	35.0



#8

2-Chlorophenol

Concen: 38.47 ng

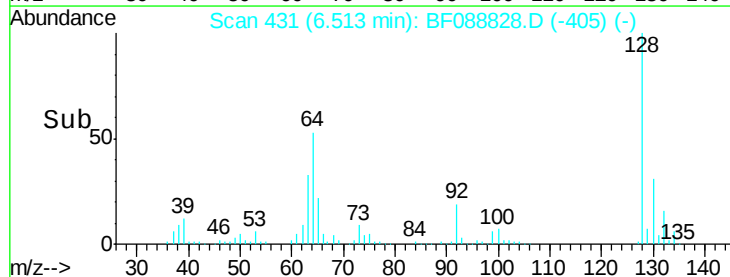
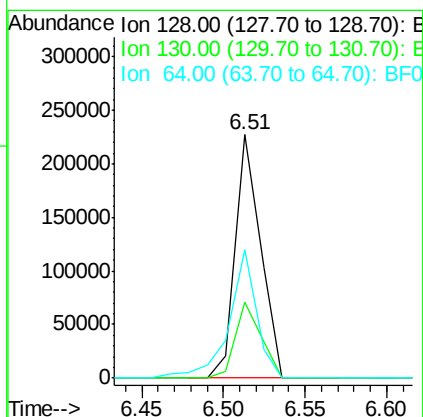
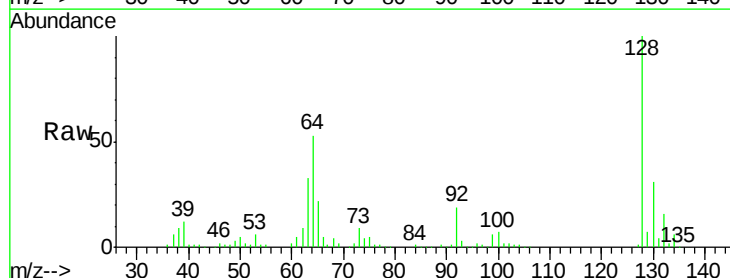
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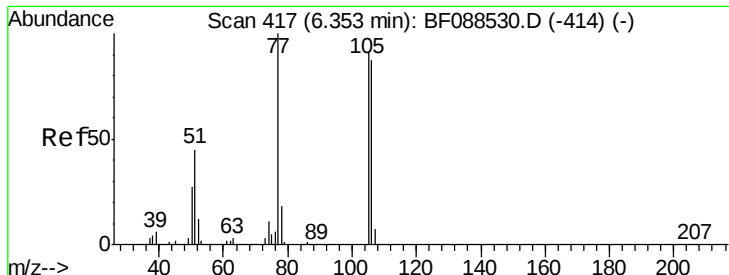
Delta R.T. 0.00 min

Lab File: BF088828.D

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Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.0	52.0
64	52.7	30.8	70.8





#9

Benzaldehyde

Concen: 31.57 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF088828.D

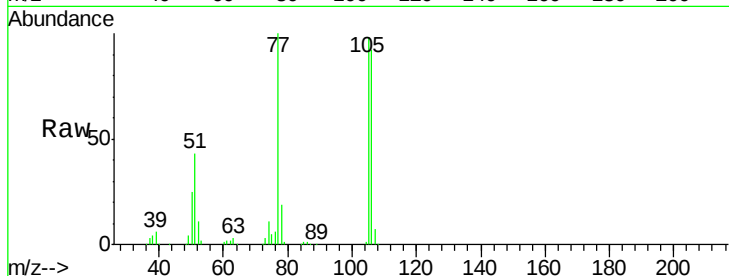
Acq: 8 Jul 2016 16:27

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ClientSampleId :

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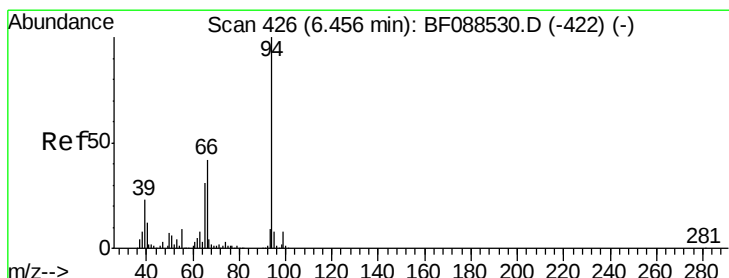
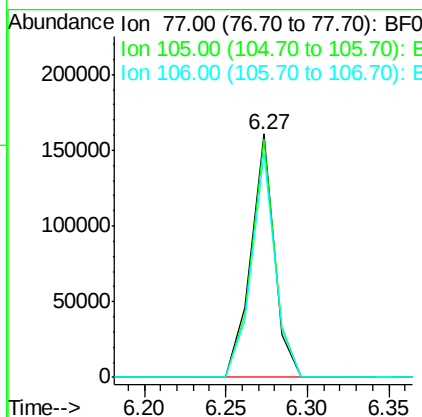
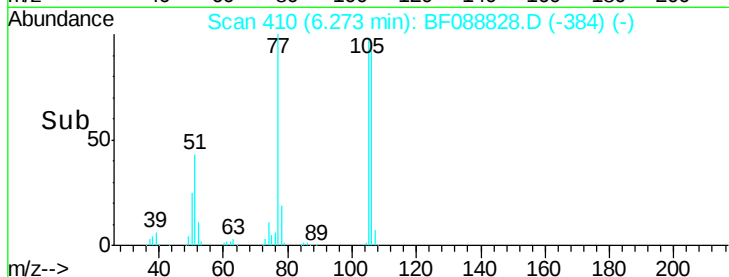


Tgt Ion:	77	Resp:	161299
Ion	Ratio	Lower	Upper
77	100		
105	97.9	90.6	130.6
106	92.3	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 38.41 ng

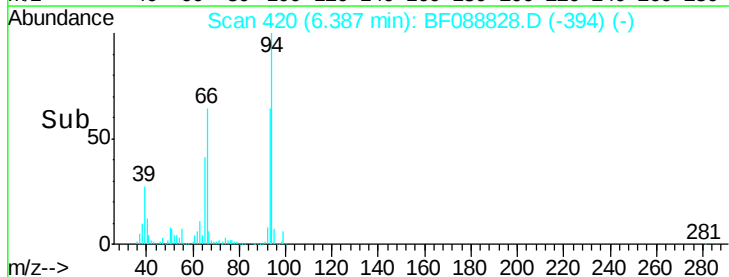
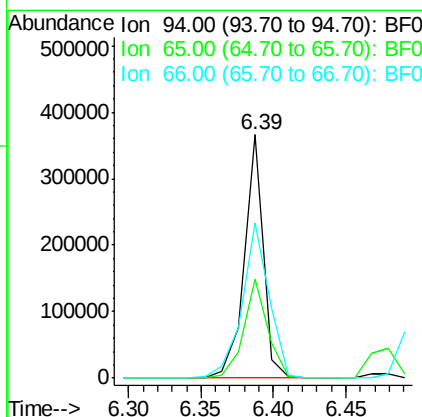
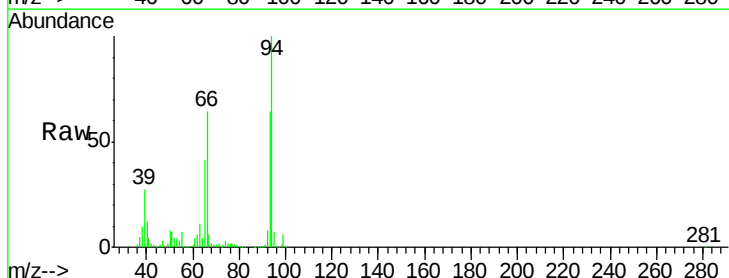
RT: 6.39 min Scan# 420

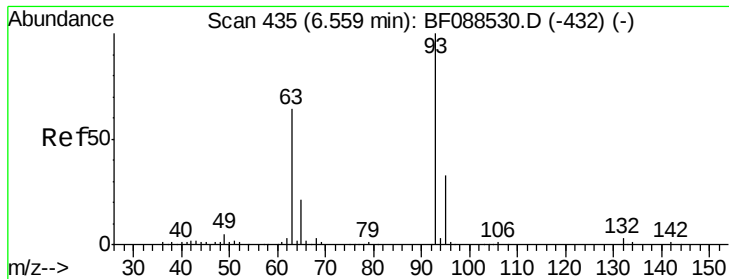
Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Tgt Ion:	94	Resp:	330641
Ion	Ratio	Lower	Upper
94	100		
65	40.8	5.9	45.9
66	63.9	14.0	54.0





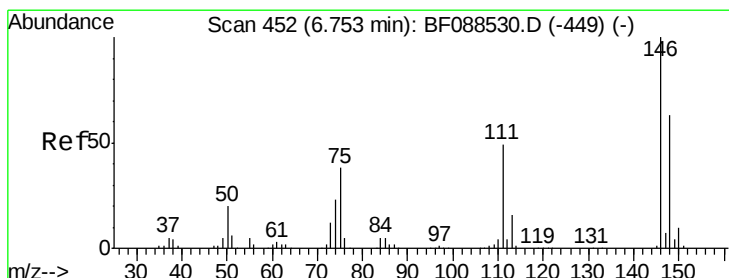
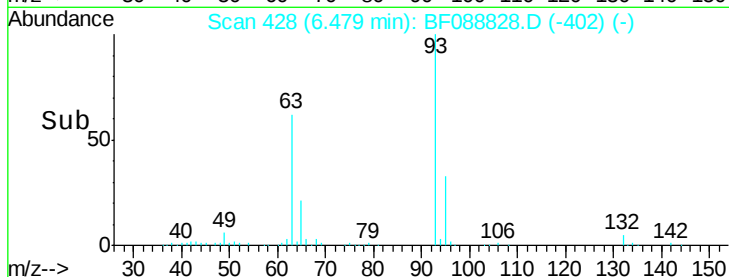
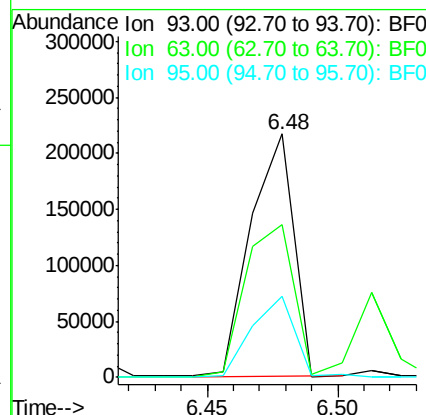
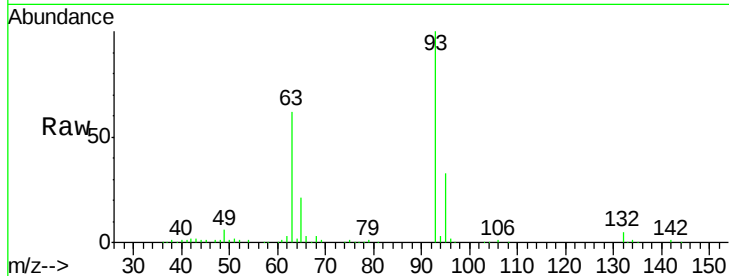
#11
bis(2-Chloroethyl)ether
Concen: 39.20 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 251676
Ion Ratio Lower Upper
93 100
63 62.5 67.6 107.6#
95 33.2 12.5 52.5

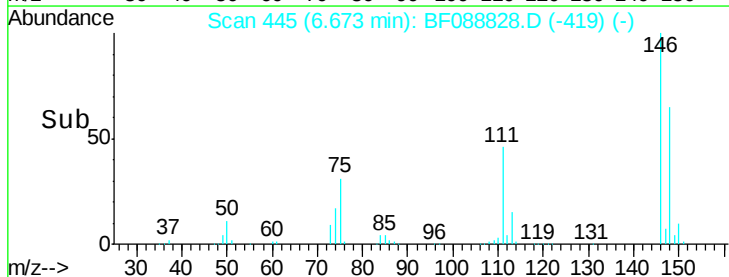
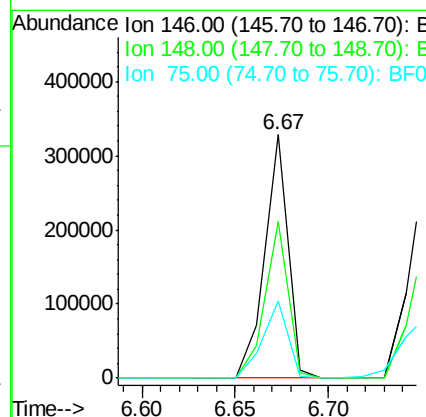
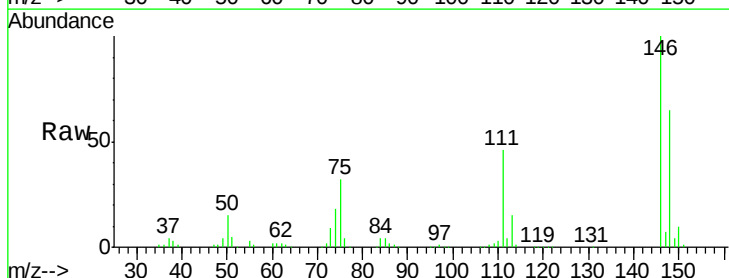
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#12
1,3-Dichlorobenzene
Concen: 40.79 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion: 146 Resp: 281623
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
75 31.7 25.6 38.4





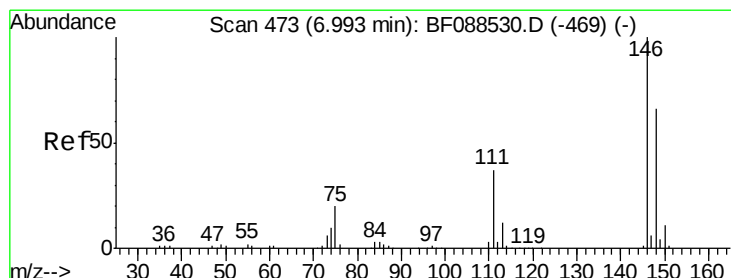
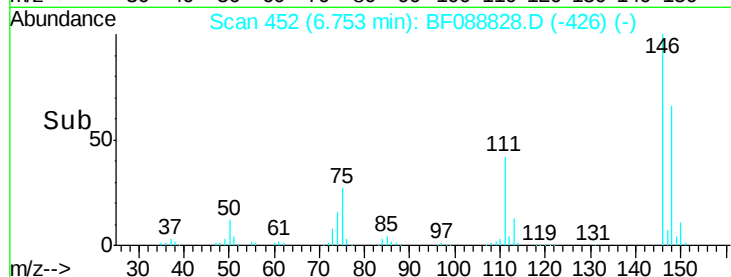
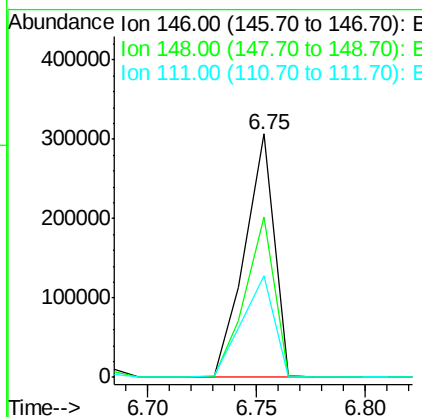
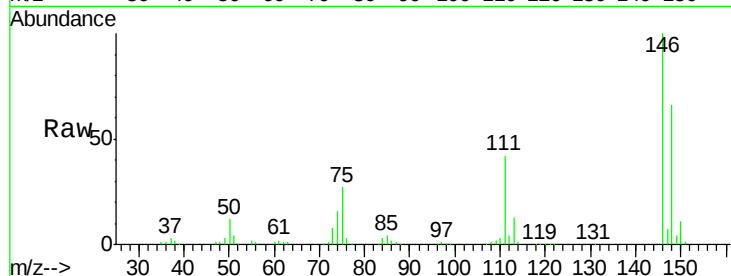
#13
 1,4-Dichlorobenzene
 Concen: 42.47 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.0	78.0
111	41.5	33.8	50.8

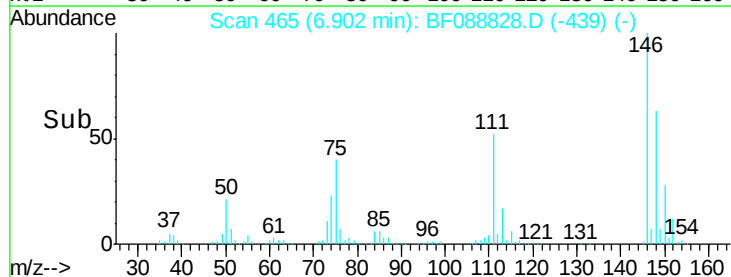
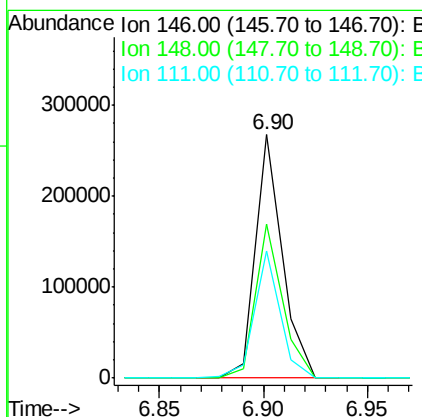
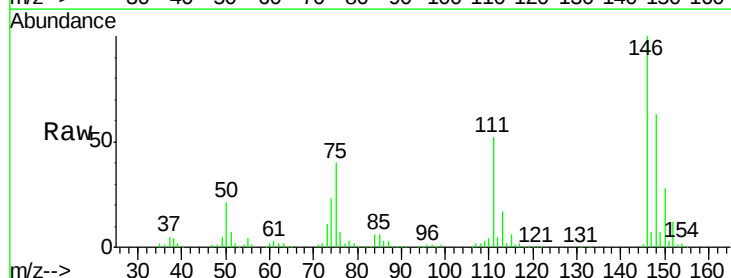
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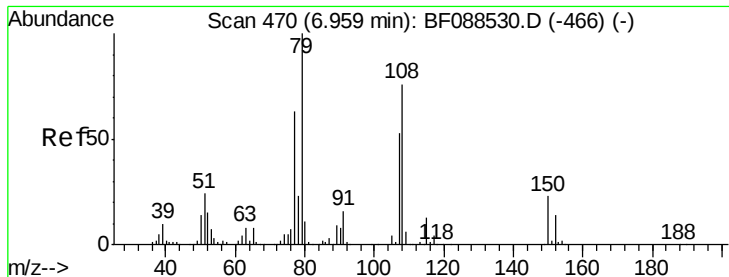
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#14
 1,2-Dichlorobenzene
 Concen: 37.30 ng m
 RT: 6.90 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.3	78.5
111	52.3	28.7	43.1#





#15

Benzyl Alcohol

Concen: 36.36 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

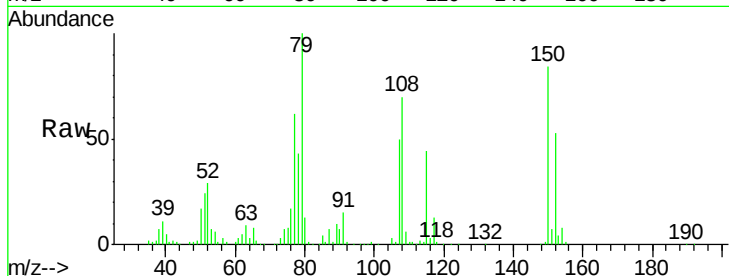
SSTDCCC040EC

Manual Integrations

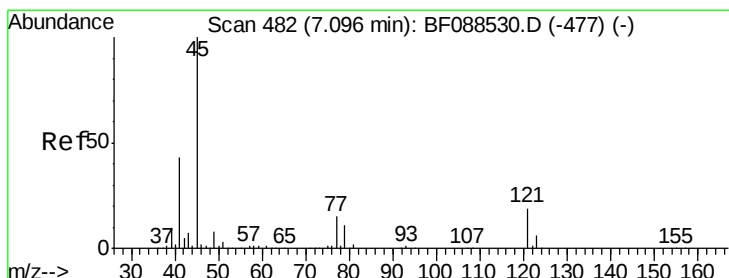
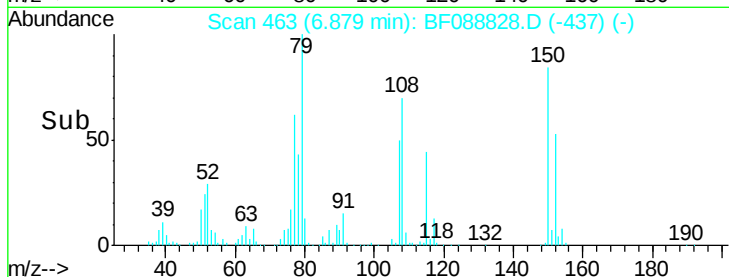
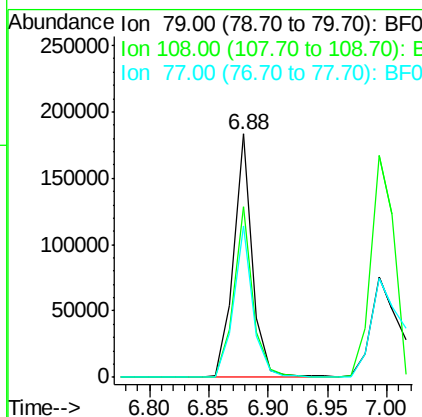
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Tgt Ion	Ratio	Lower	Upper
79	100		
108	69.9	65.0	97.6
77	62.0	50.3	75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.15 ng

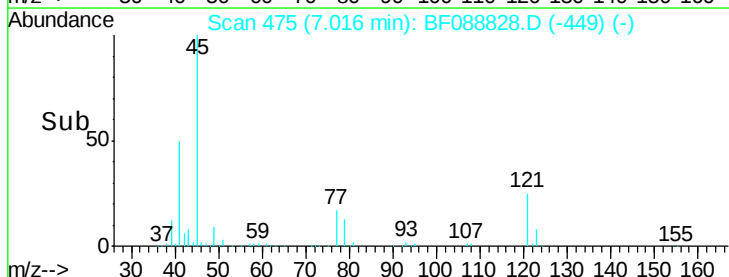
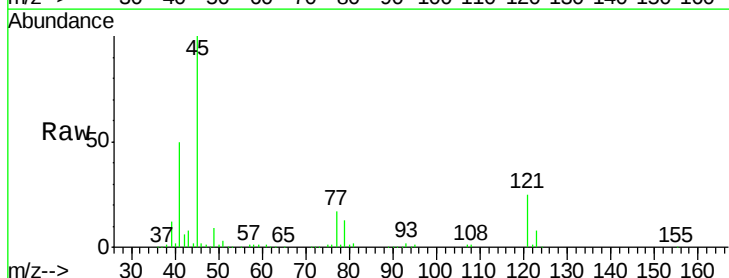
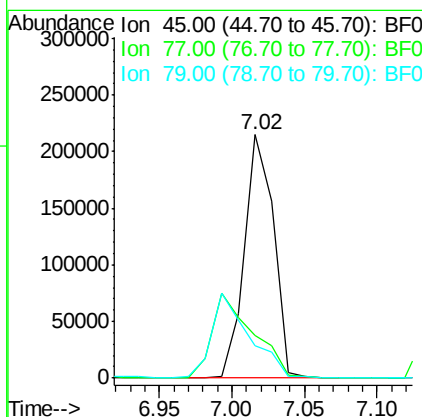
RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	32.5
79	13.2	0.0	29.5





#17

2-Methylphenol

Concen: 40.43 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF088828.D

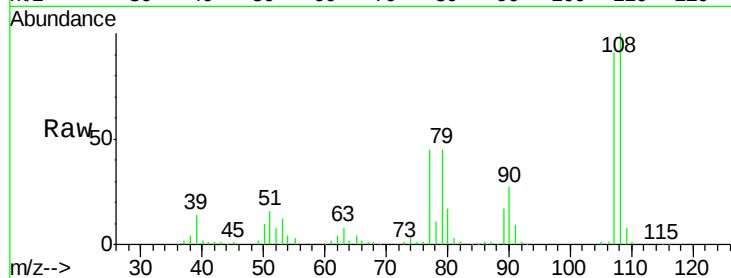
Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:107 Resp: 206948

Ion Ratio Lower Upper

107 100

108 110.1 90.9 136.3

77 49.4 36.6 55.0

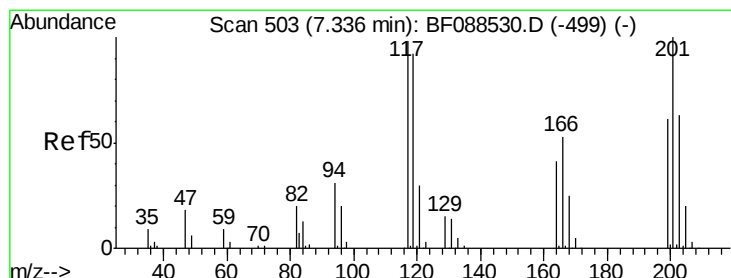
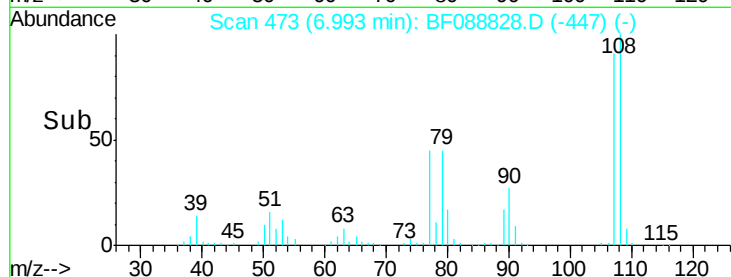
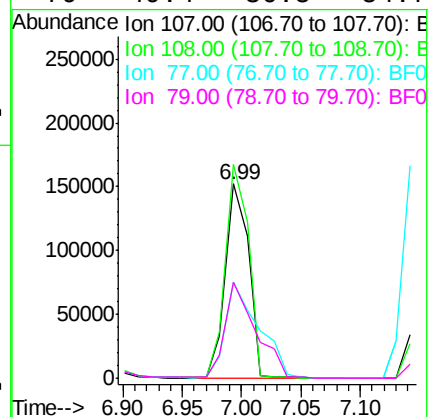
79 49.4 36.5 54.7

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#18

Hexachloroethane

Concen: 39.65 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

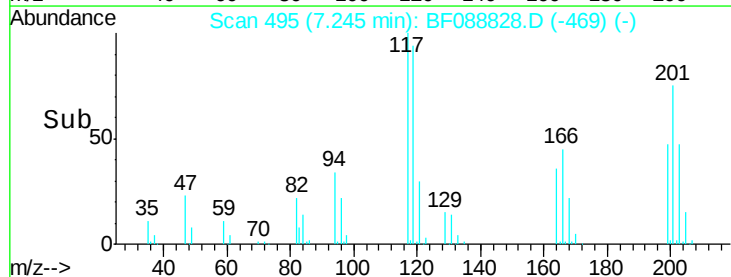
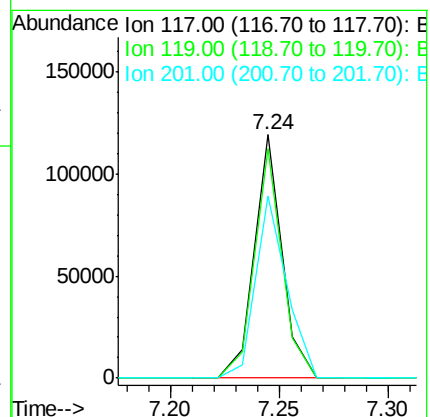
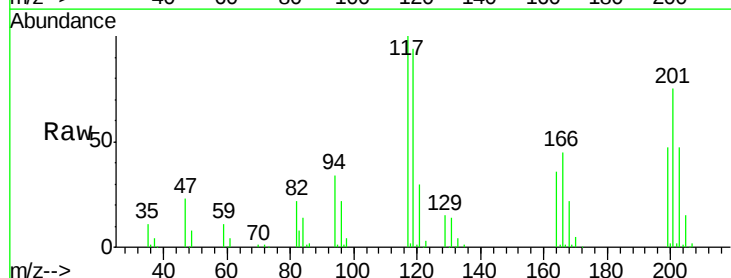
Tgt Ion:117 Resp: 105108

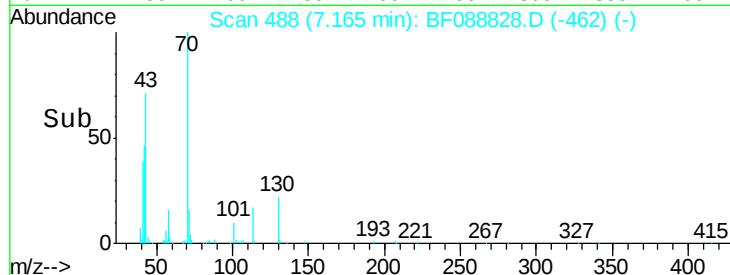
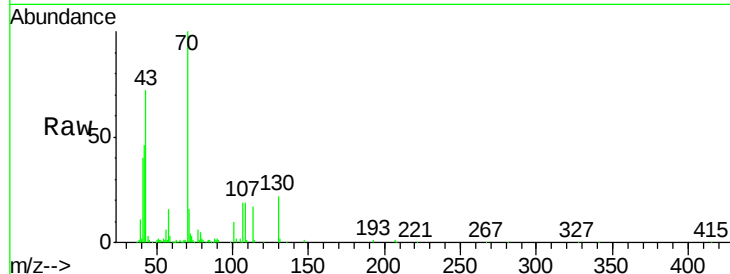
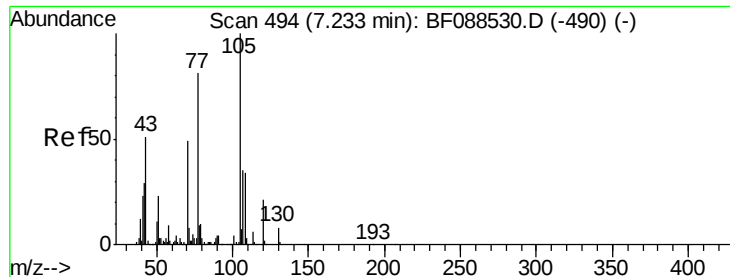
Ion Ratio Lower Upper

117 100

119 94.3 77.4 116.2

201 74.6 80.4 120.6#





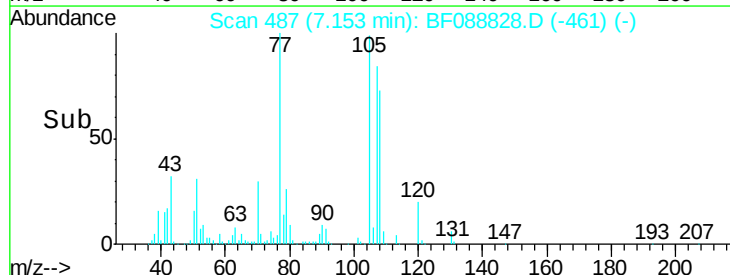
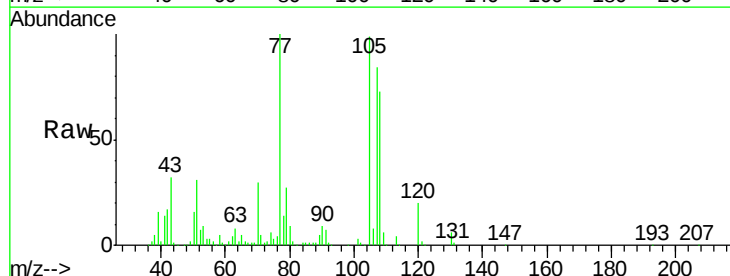
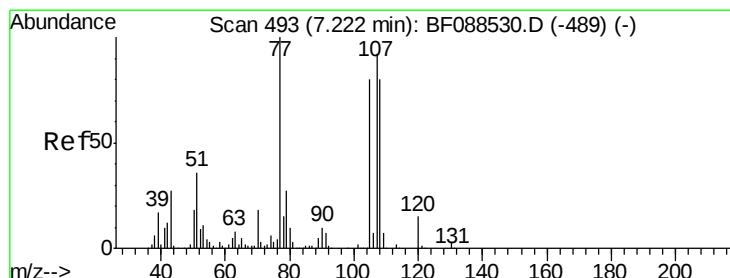
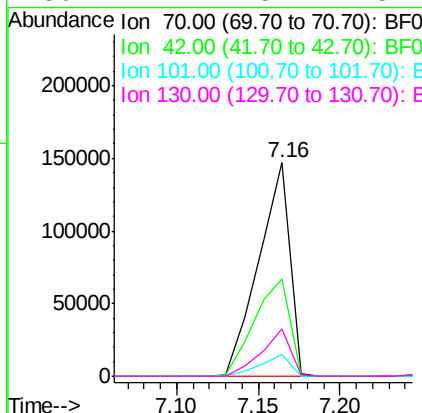
#19
n-Nitroso-di-n-propylamine
Concen: 38.58 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.8	49.6	74.4#
101	10.2	7.1	10.7
130	22.2	15.4	23.2

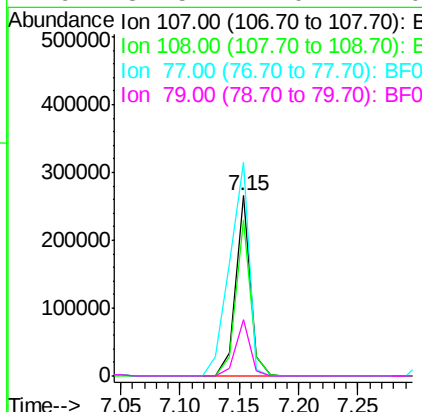
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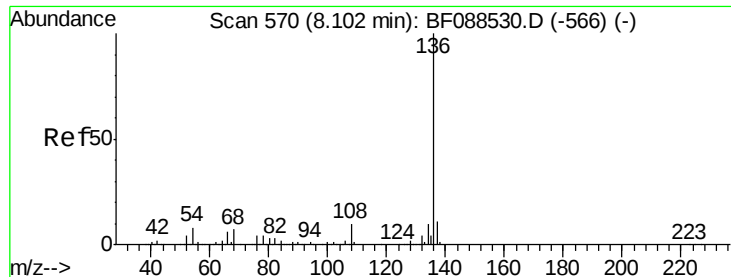
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#20
3+4-Methylphenols
Concen: 36.94 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	67.8	107.8
77	118.6	59.3	99.3#
79	31.5	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 363578
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

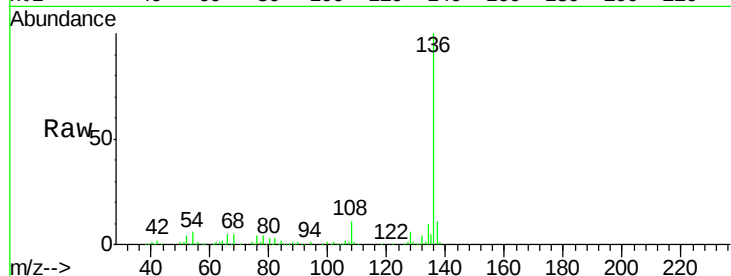
54 6.0 6.6 10.0#

68 5.0 5.1 7.7#

Manual Integrations

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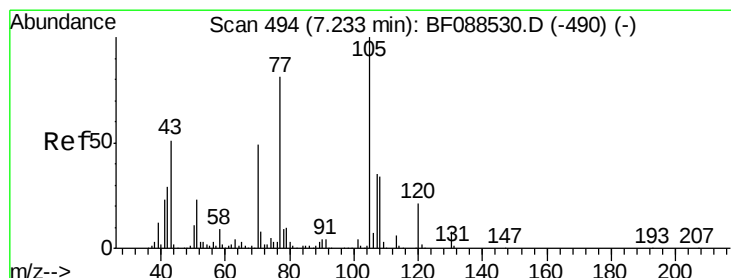
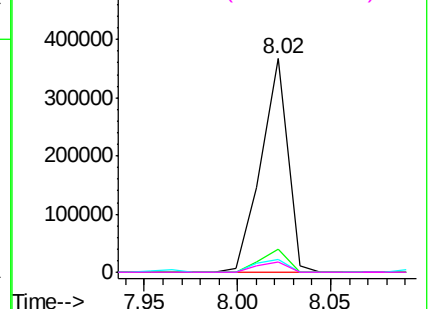
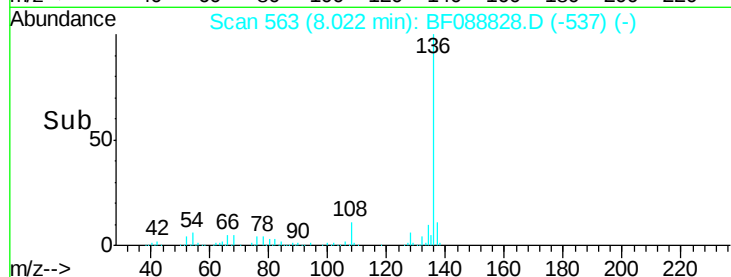


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.05 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

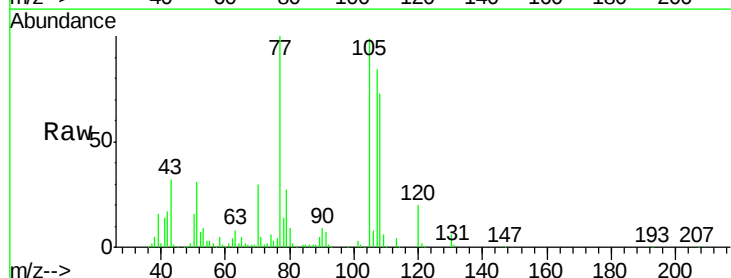
Tgt Ion:105 Resp: 371067
Ion Ratio Lower Upper

105 100

71 5.2 5.3 7.9#

51 31.4 18.2 27.4#

120 20.7 18.0 27.0

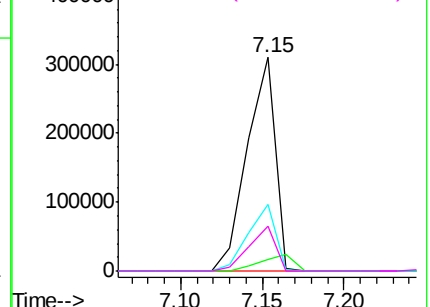
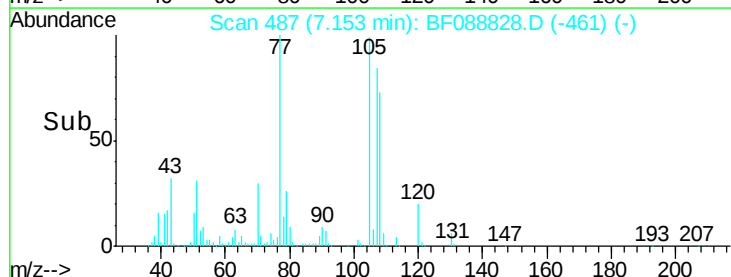


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





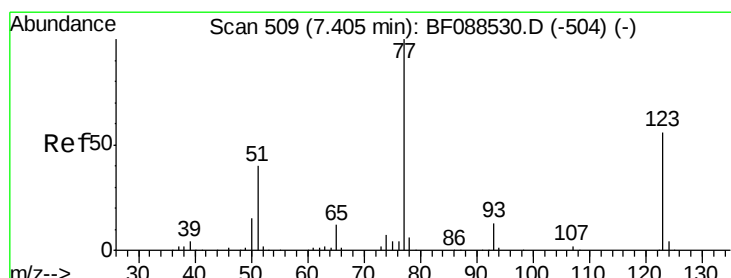
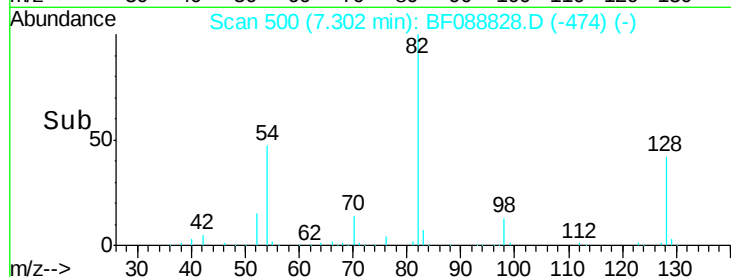
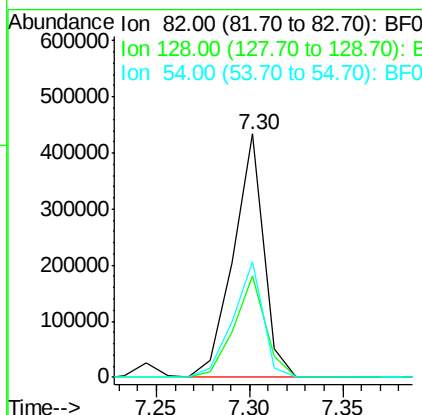
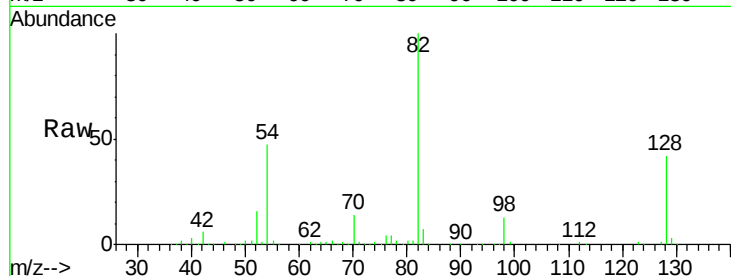
#23
Nitrobenzene-d5
Concen: 71.20 ng
RT: 7.30 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.9	53.9
54	47.3	40.9	61.3

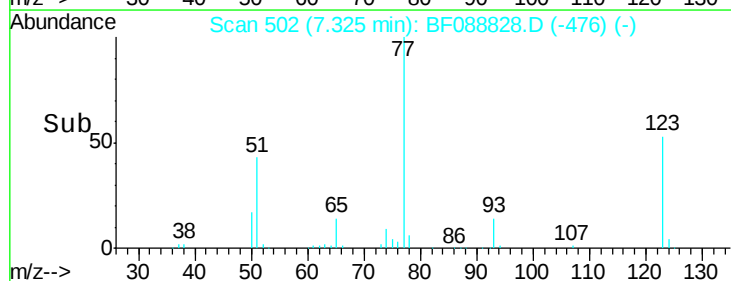
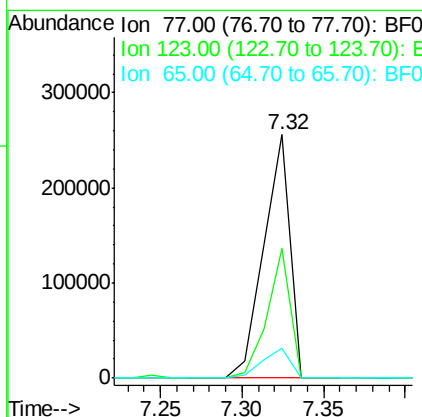
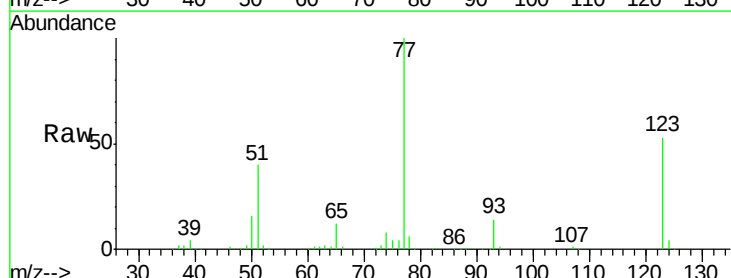
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#24
Nitrobenzene
Concen: 40.70 ng
RT: 7.32 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.1	45.0	67.4
65	12.5	10.2	15.2





#25

Isophorone

Concen: 37.21 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

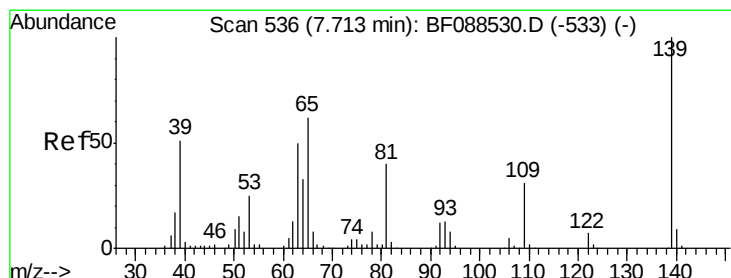
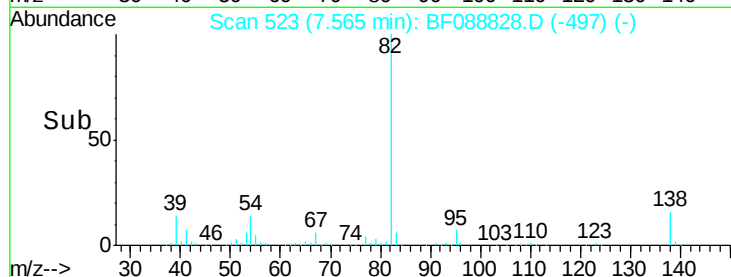
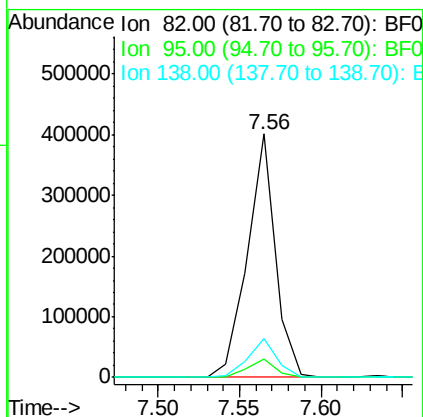
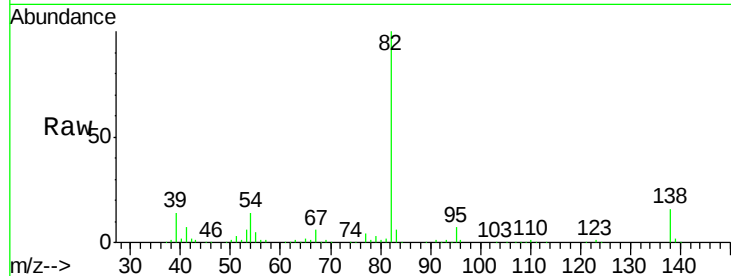
Tgt Ion:	82	Resp:	478206
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.4	8.2
138	16.1	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.48 ng

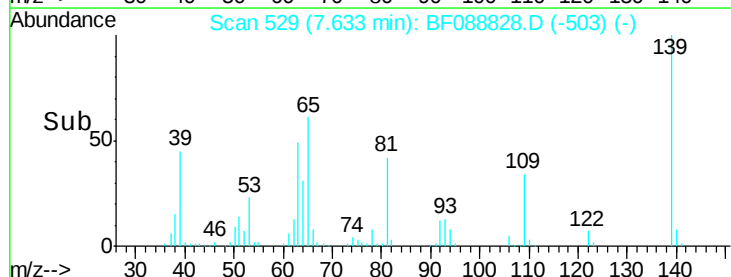
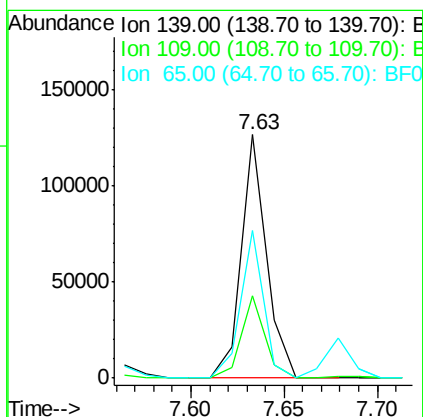
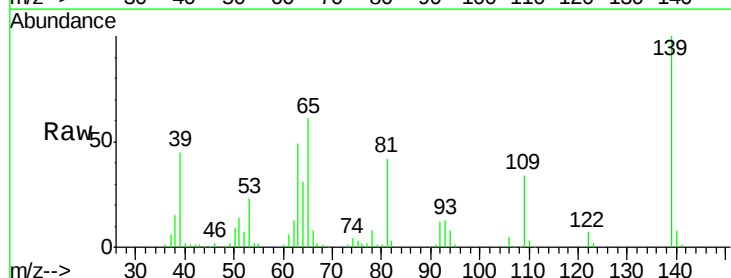
RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Tgt Ion:	139	Resp:	118975
Ion Ratio		Lower	Upper
139	100		
109	34.0	23.0	34.4
65	60.6	45.8	68.8





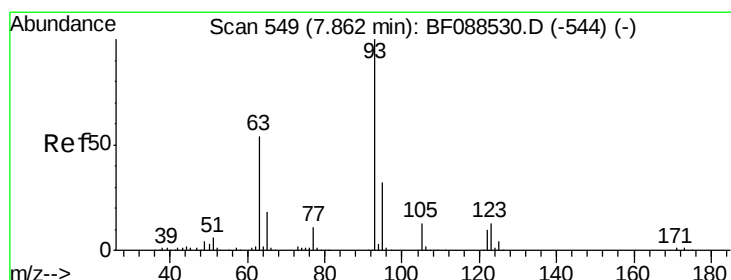
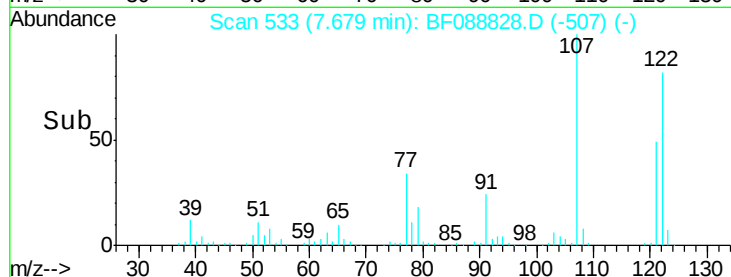
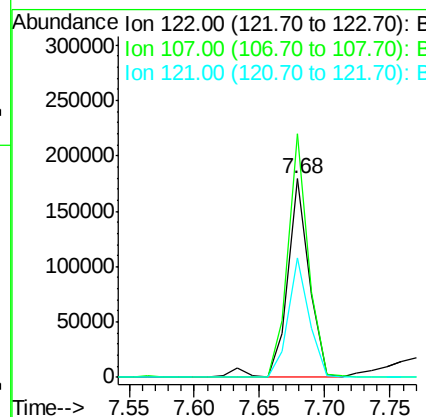
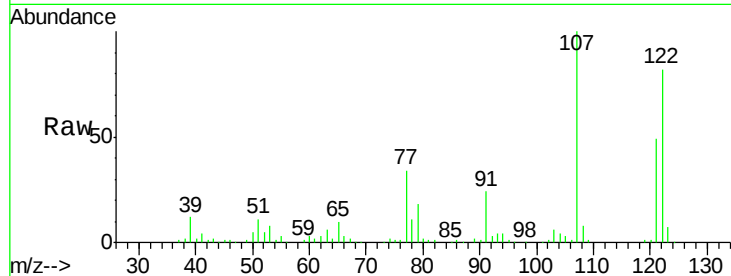
#27
2,4-Dimethylphenol
Concen: 35.48 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	211990		
107	122.7	82.4	123.6	
121	59.9	46.3	69.5	

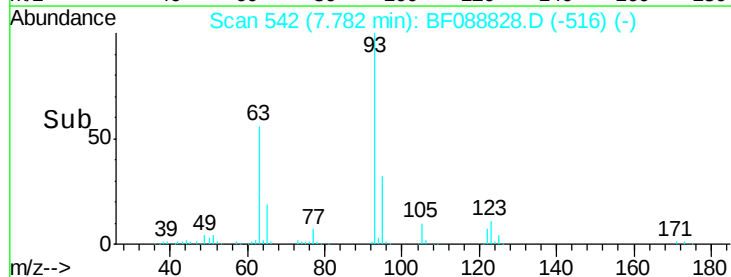
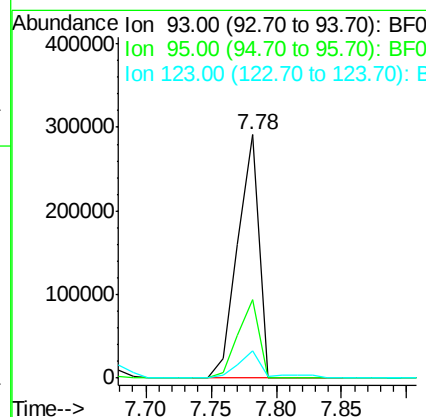
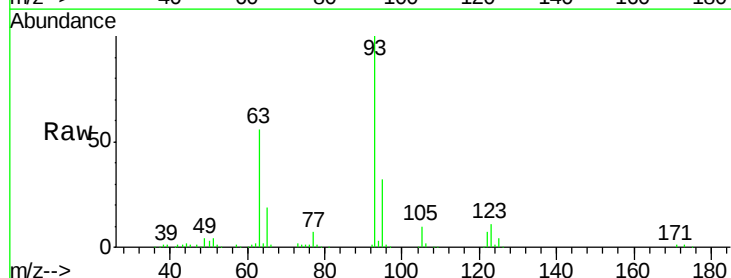
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#28
bis(2-Chloroethoxy)methane
Concen: 39.15 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	327381		
95	32.4	26.5	39.7	
123	11.4	11.6	17.4#	





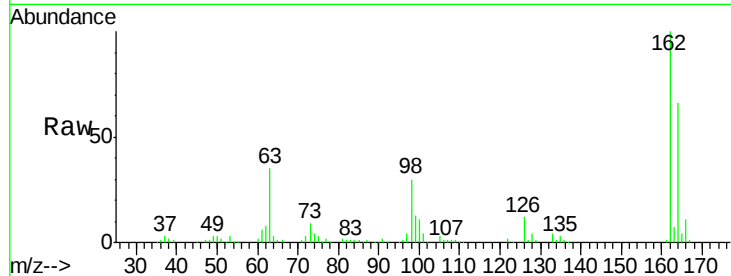
#29
2,4-Dichlorophenol
Concen: 41.73 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

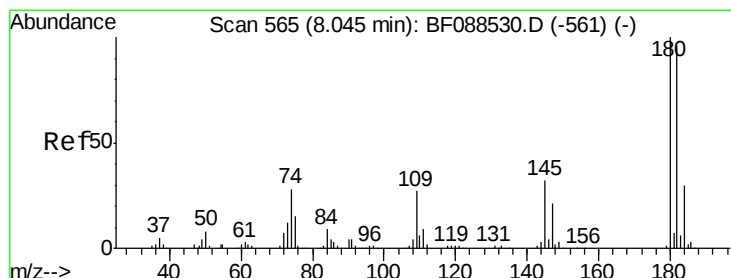
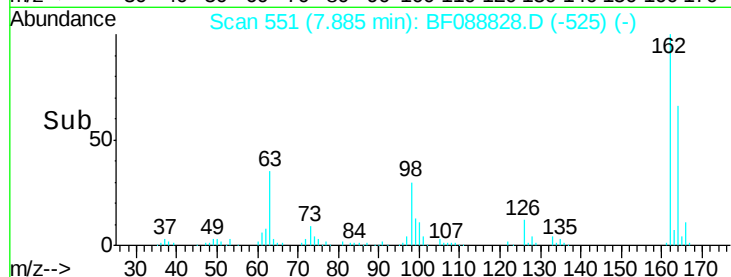
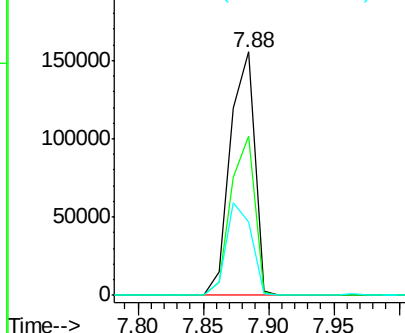
Tgt Ion:	162	Resp:	201470
Ion Ratio	Lower	Upper	
162	100		
164	65.5	43.8	83.8
98	30.3	21.3	61.3

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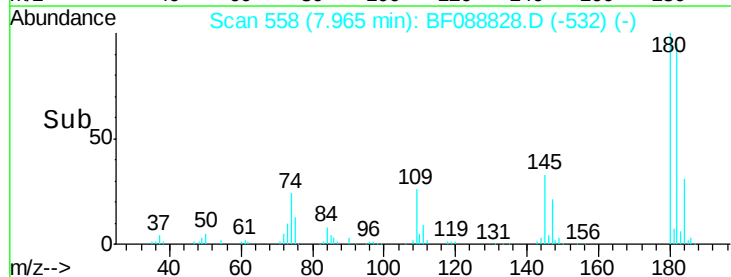
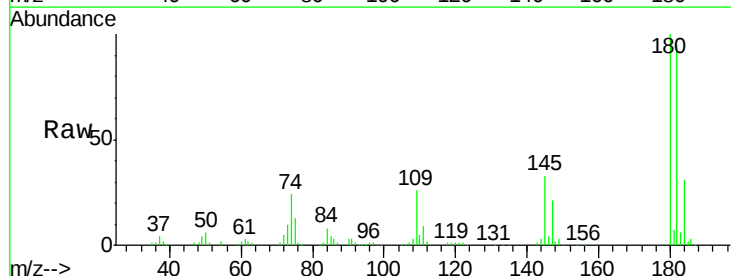
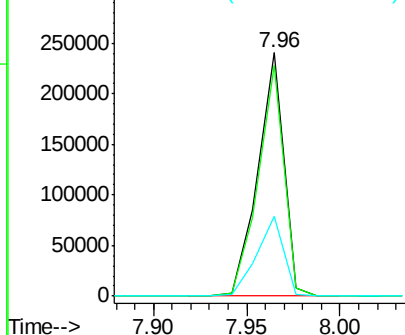
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 43.54 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:	180	Resp:	230703
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.0	114.0
145	32.5	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





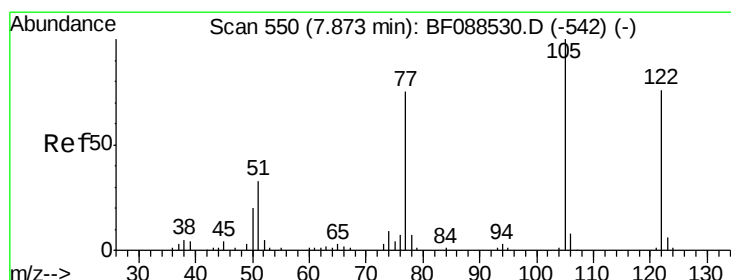
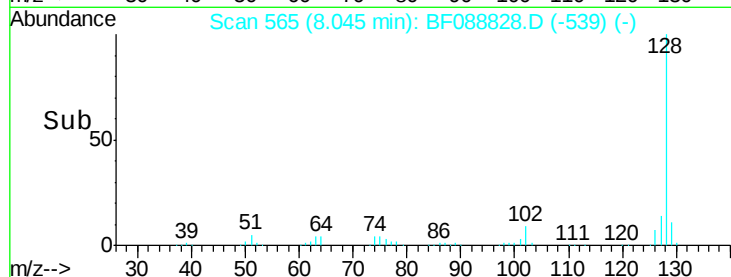
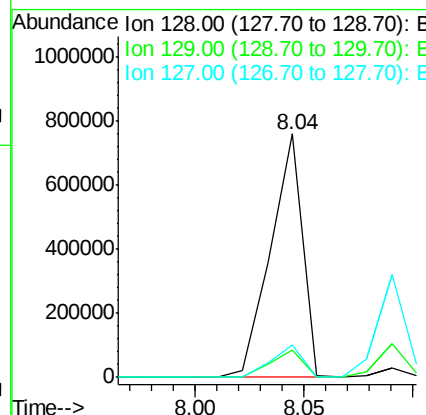
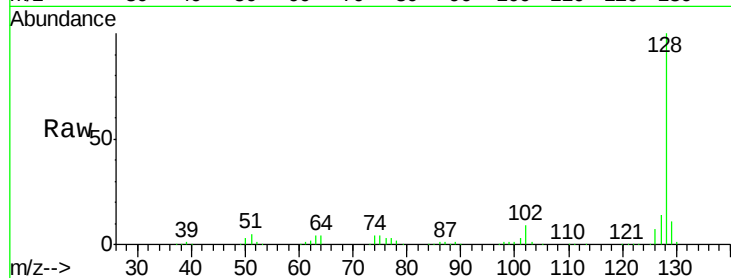
#31
Naphthalene
Concen: 43.71 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.6	10.9	16.3

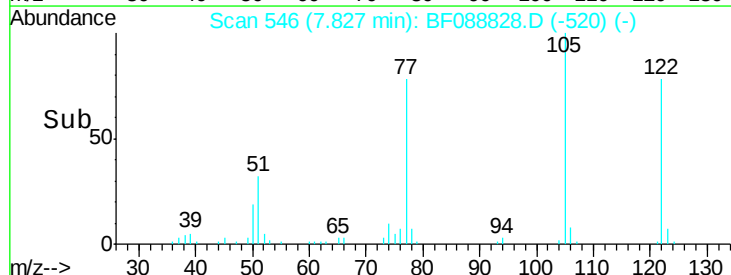
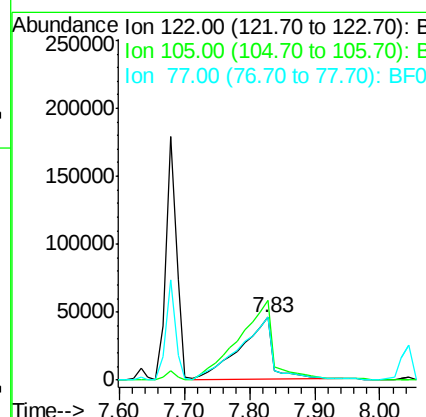
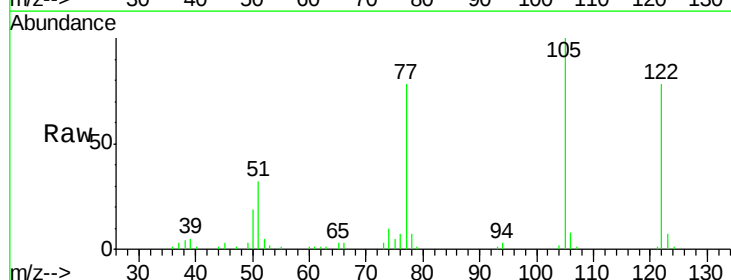
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#32
Benzoic acid
Concen: 37.56 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	101.6	141.6
77	100.2	70.6	110.6





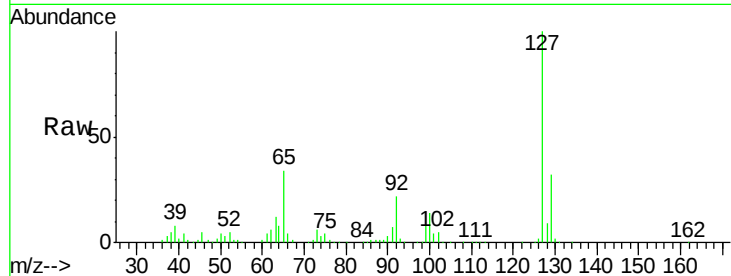
#33
4-Chloroaniline
Concen: 37.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

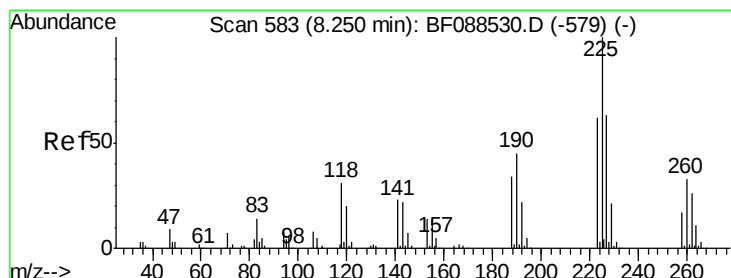
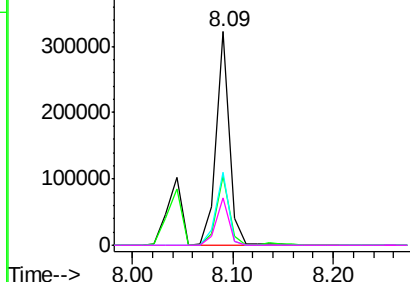
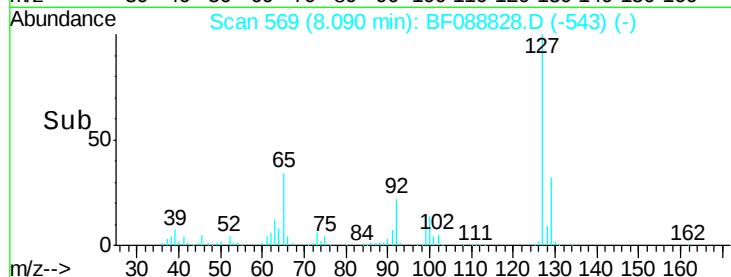
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	295045		
129	32.4	26.3	39.5	
65	33.9	24.7	37.1	
92	22.2	15.4	23.0	

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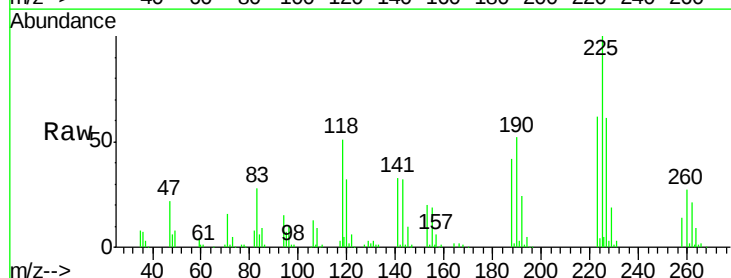


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

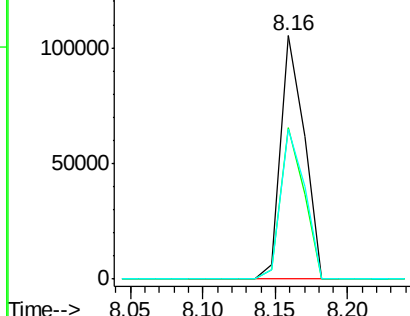
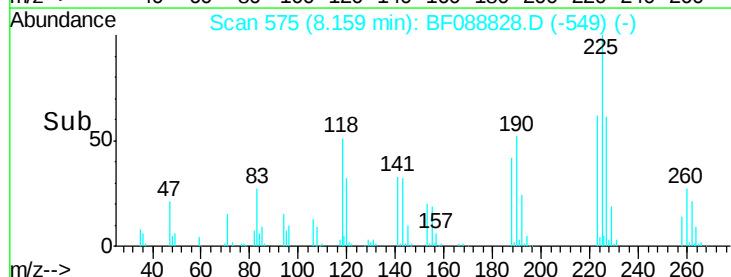


#34
Hexachlorobutadiene
Concen: 41.85 ng
RT: 8.16 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118731		
223	62.1	50.9	76.3	
227	61.5	51.9	77.9	



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





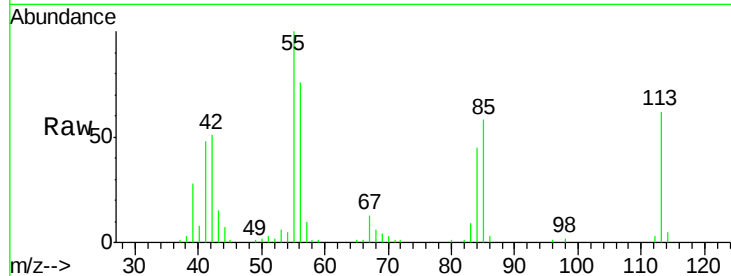
#35
 Caprolactam
 Concen: 40.76 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

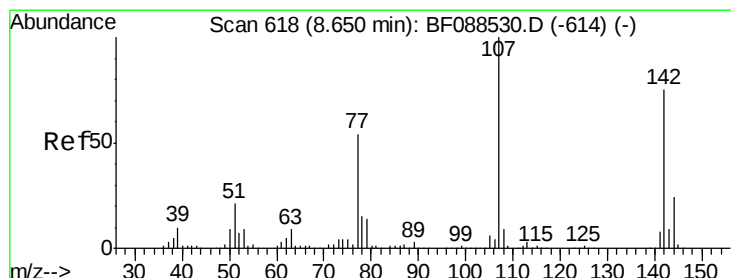
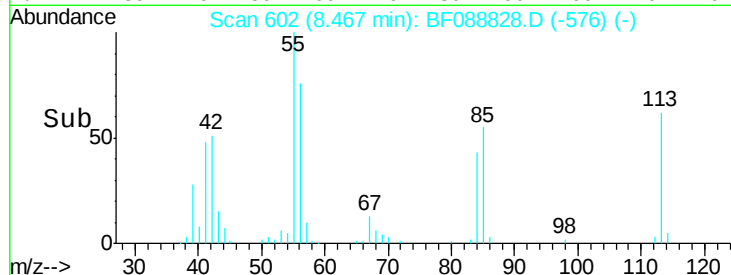
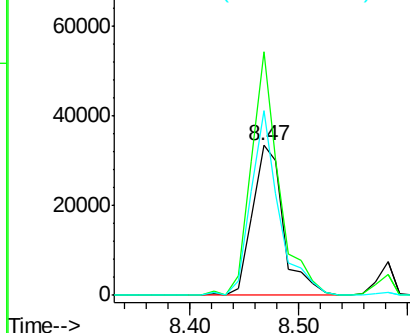
Tgt Ion:113 Resp: 66842
 Ion Ratio Lower Upper
 113 100
 55 162.5 158.6 198.6
 56 123.6 110.6 150.6

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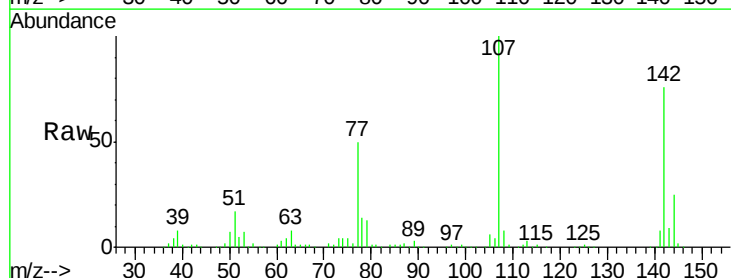


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

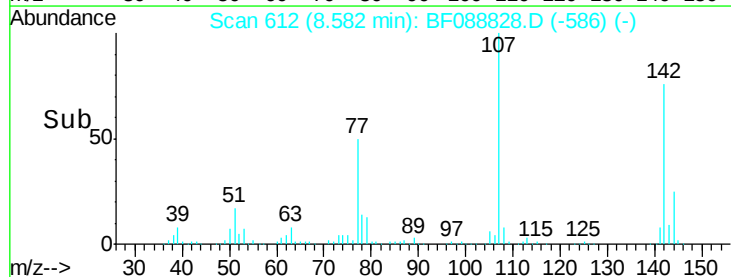
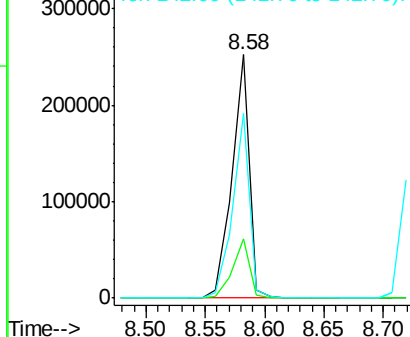


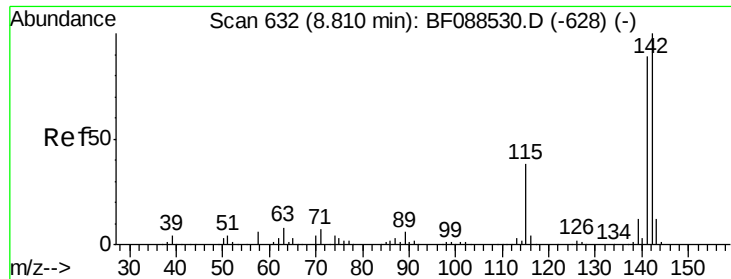
#36
 4-Chloro-3-methylphenol
 Concen: 44.62 ng
 RT: 8.58 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion:107 Resp: 254750
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.8 31.2
 142 75.7 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





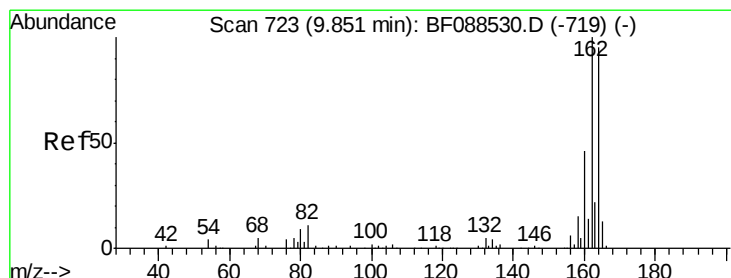
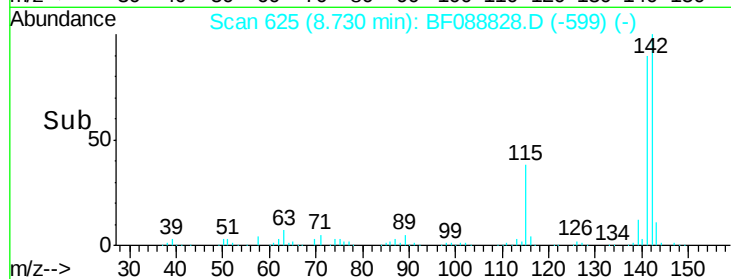
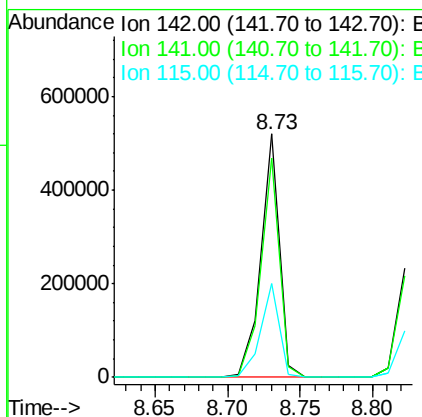
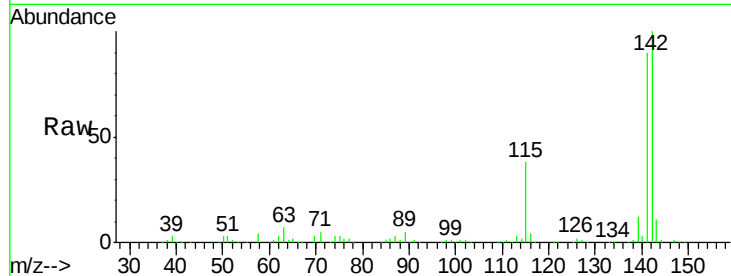
#37
2-Methylnaphthalene
Concen: 39.98 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	38.4	22.6	33.8

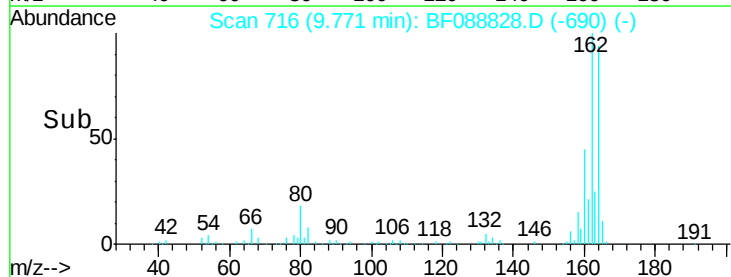
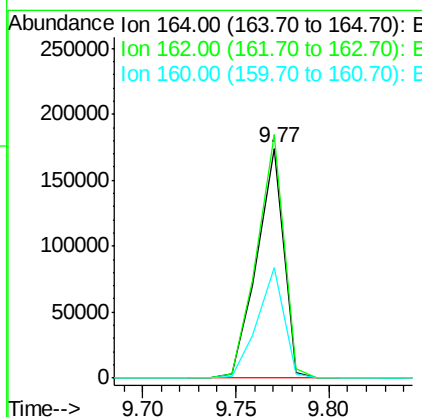
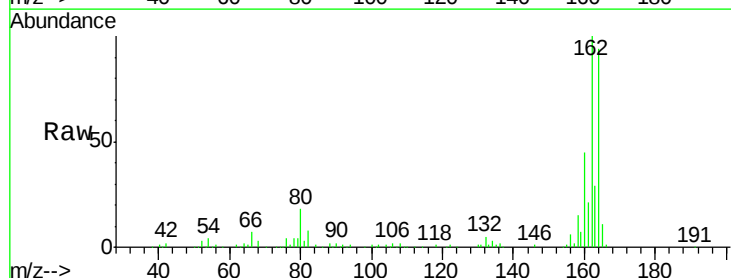
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.4	128.2
160	48.1	39.5	59.3





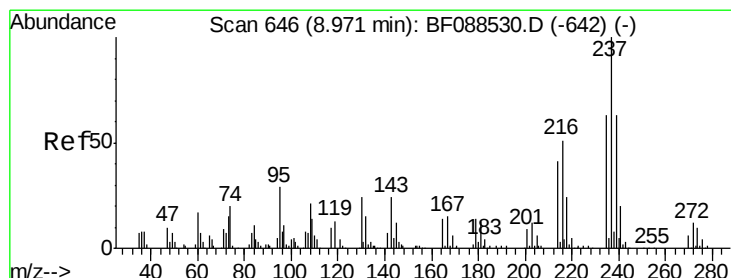
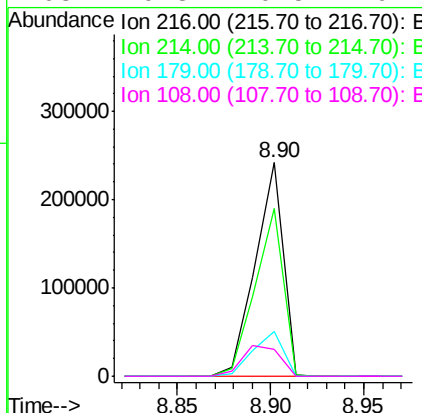
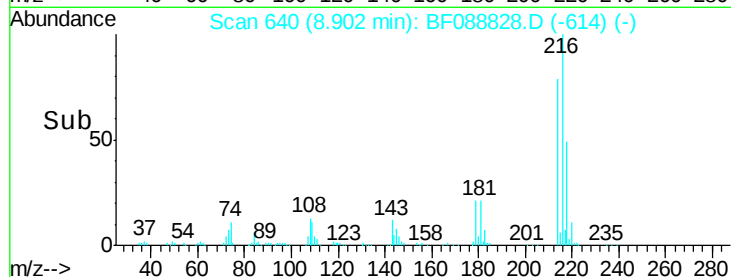
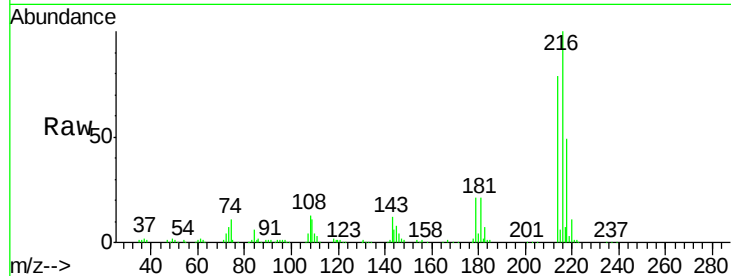
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.57 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	2.9	4.3#
179	23.0	0.0	0.0#
108	19.8	0.5	0.7#

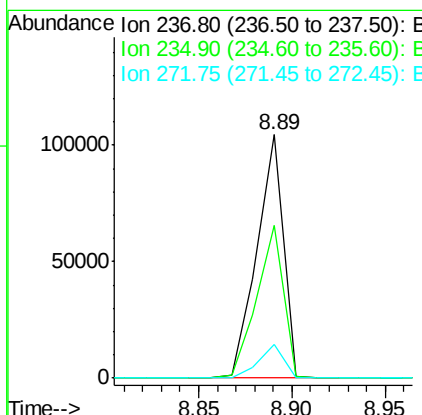
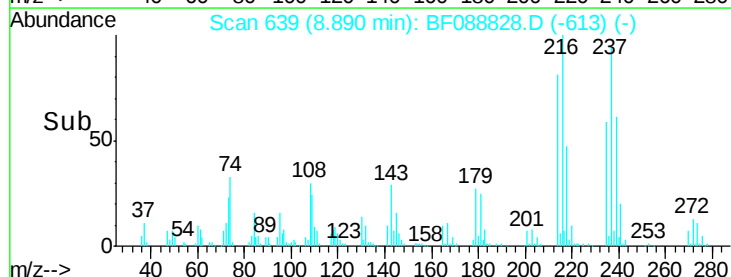
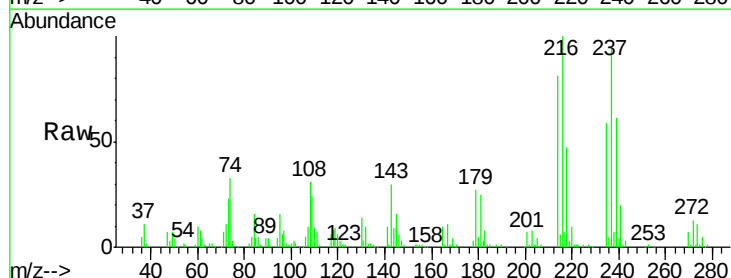
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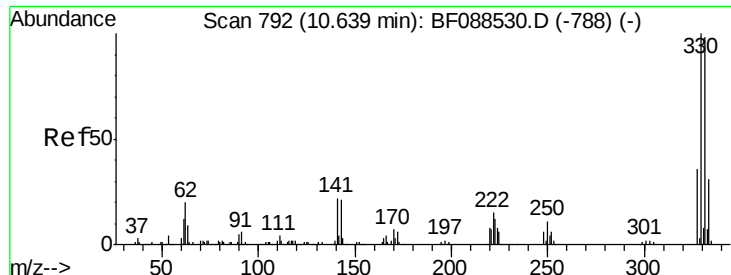
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#40
 Hexachlorocyclopentadiene
 Concen: 36.23 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.4	83.4
272	13.7	0.0	32.3





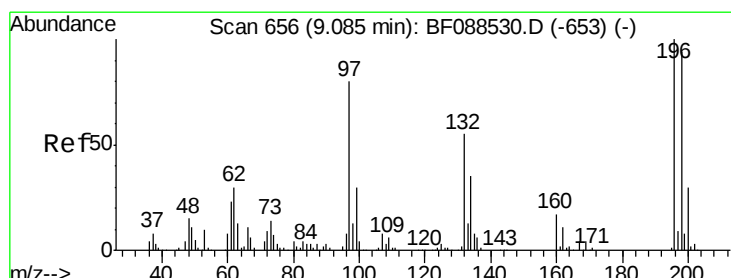
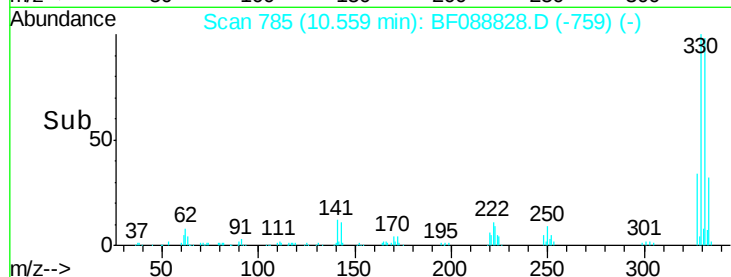
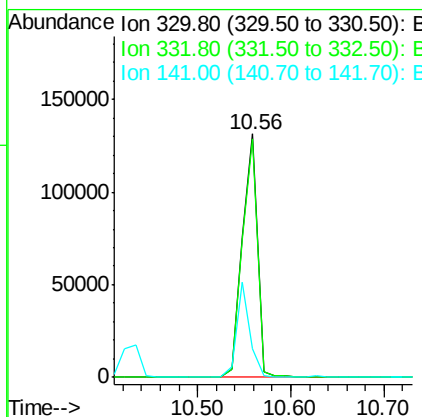
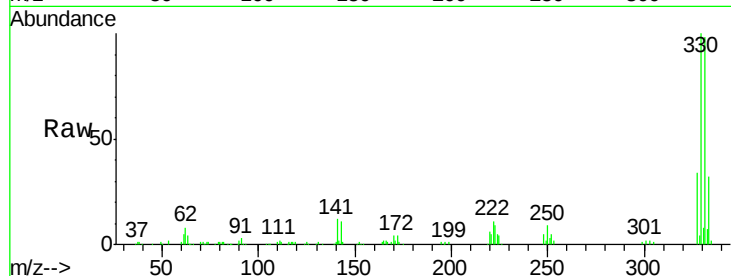
#41
 2,4,6-Tribromophenol
 Concen: 92.96 ng
 RT: 10.56 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	149249		
332	97.9	0.0	0.0	0.0
141	33.9	0.0	0.0	0.0

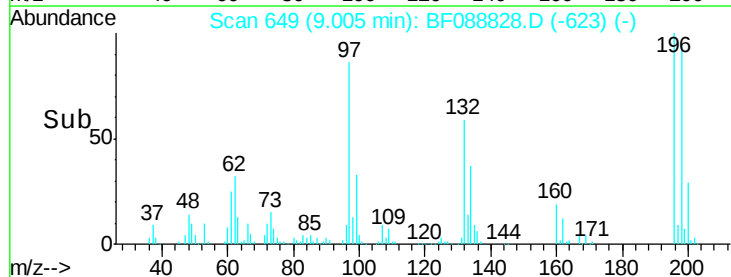
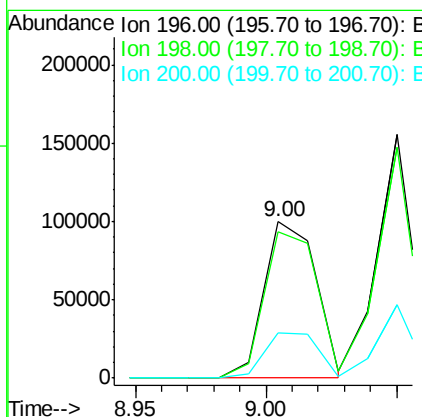
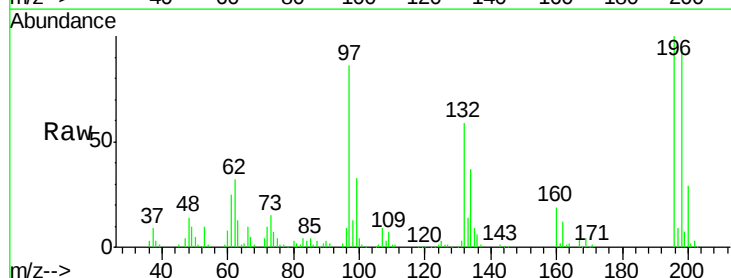
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#42
 2,4,6-Trichlorophenol
 Concen: 36.55 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

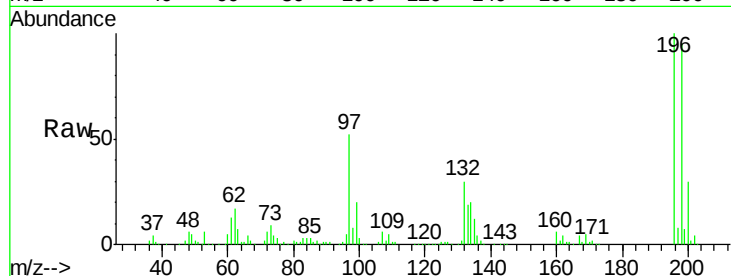
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138589		
198	93.7	78.0	117.0	
200	29.2	25.4	38.2	





#43
 2,4,5-Trichlorophenol
 Concen: 44.95 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

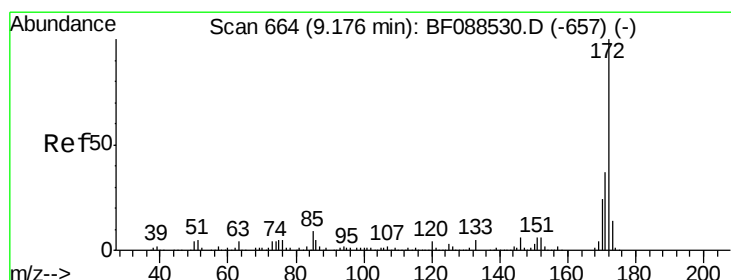
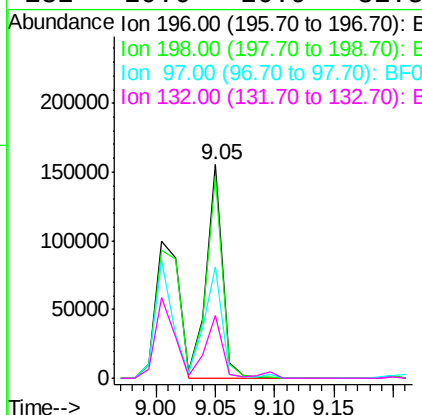
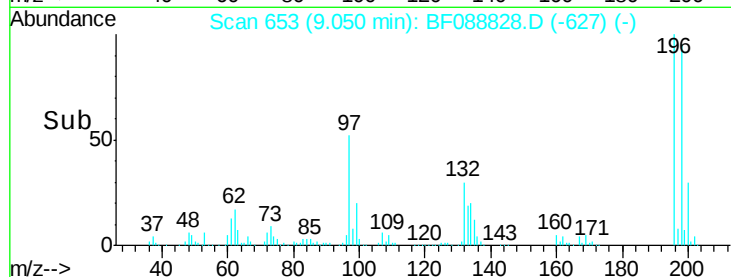
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146635		
198	94.8	77.5	116.3	
97	52.1	32.0	48.0	
132	29.6	20.9	31.3	

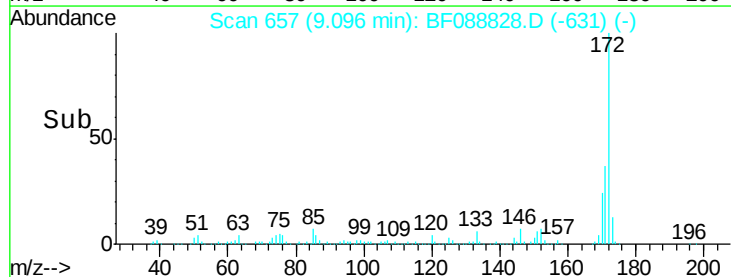
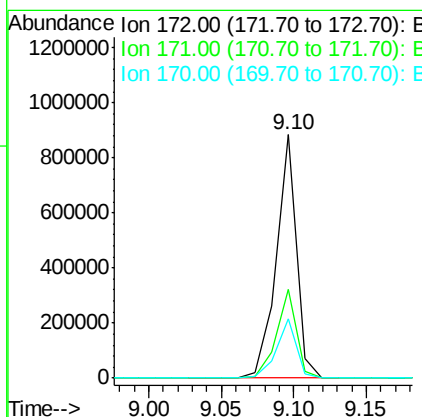
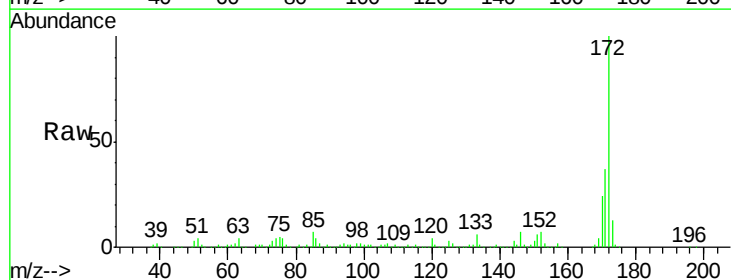
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#44
 2-Fluorobiphenyl
 Concen: 77.29 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	845933		
171	36.6	28.6	43.0	
170	24.1	19.2	28.8	





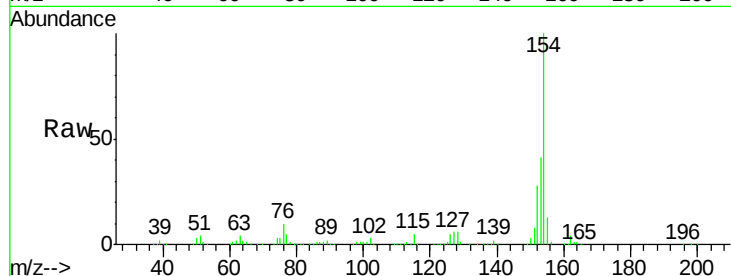
#45
 1,1'-Biphenyl
 Concen: 43.06 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

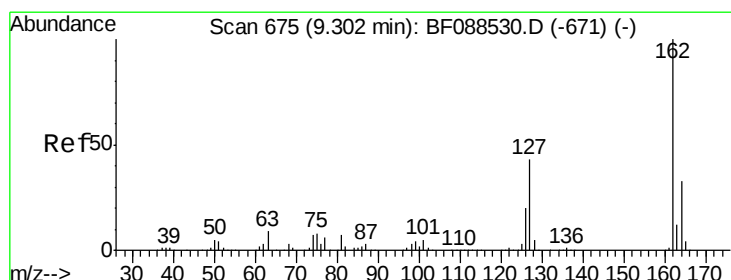
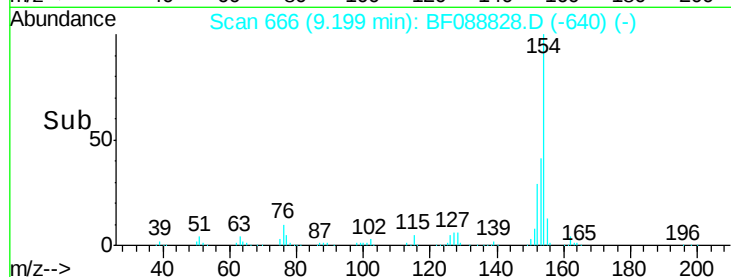
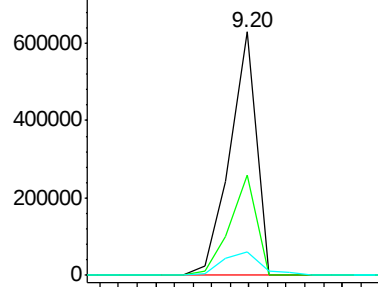
Tgt Ion:	154	Resp:	616472
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.6	60.6
76	9.8	0.0	35.1

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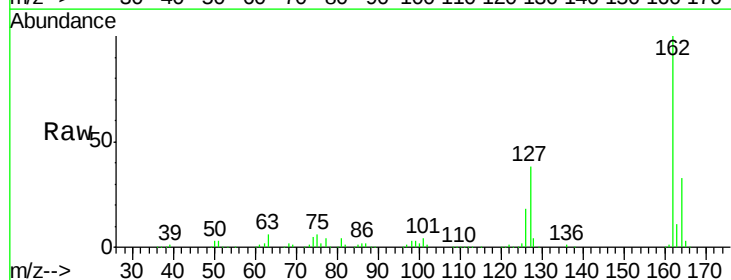


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

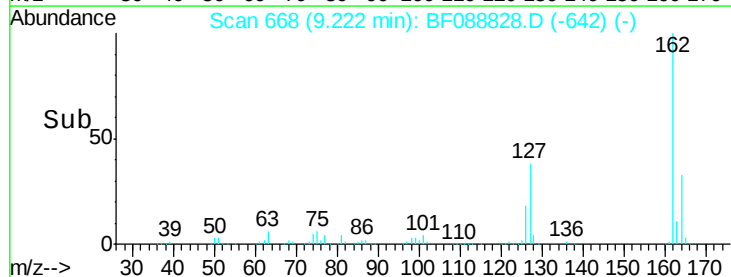
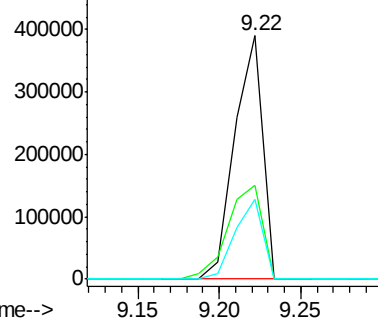


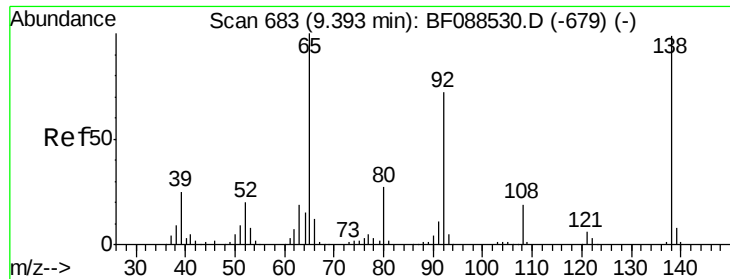
#46
 2-Chloronaphthalene
 Concen: 41.40 ng
 RT: 9.22 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion:	162	Resp:	465287
Ion Ratio	Lower	Upper	
162	100		
127	38.5	35.2	52.8
164	32.9	26.6	39.8



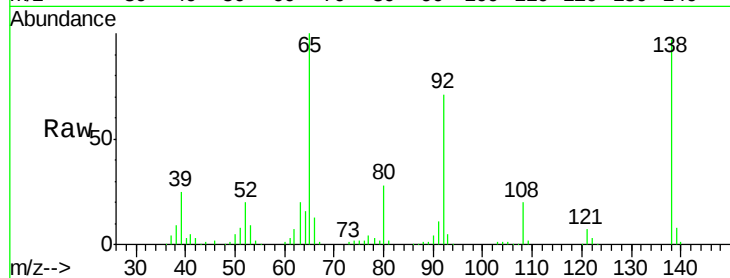
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47
 2-Nitroaniline
 Concen: 37.77 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

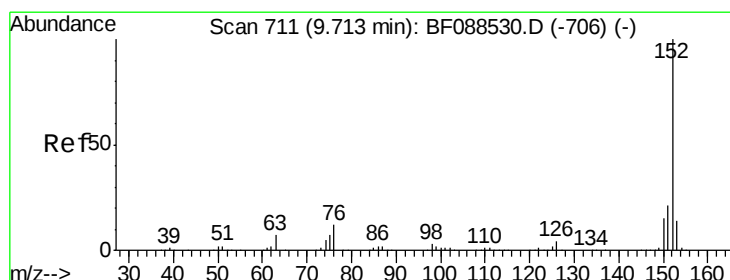
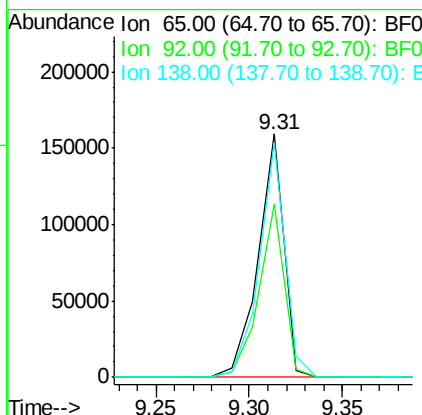
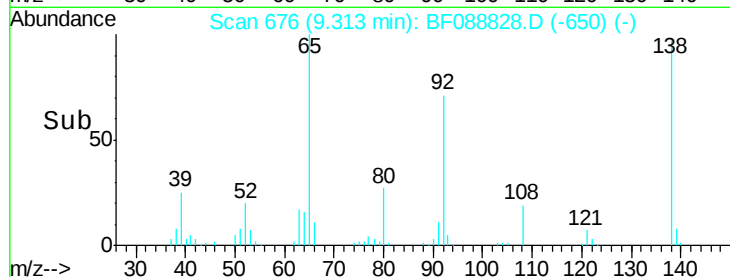
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:	65	Resp:	150666
Ion Ratio	Lower	Upper	
65	100		
92	71.0	54.6	82.0
138	96.6	77.0	115.4

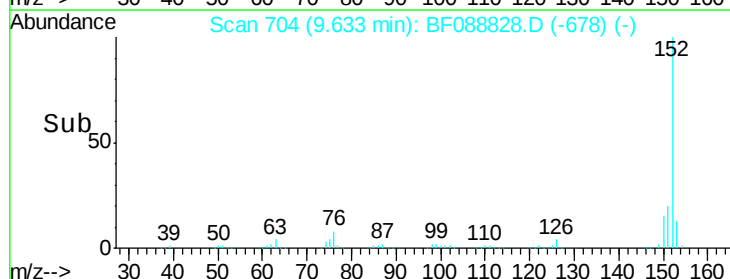
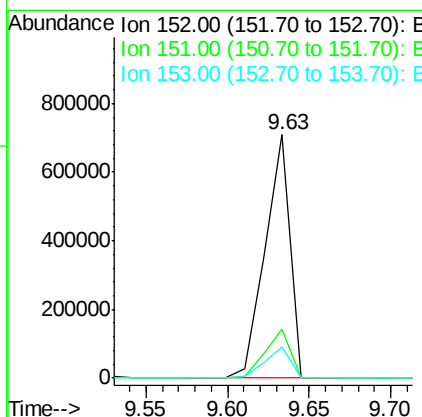
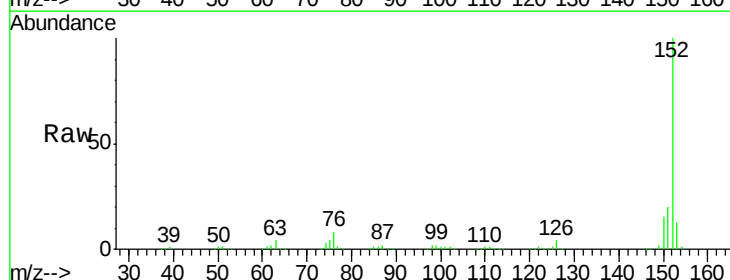
Manual Integrations

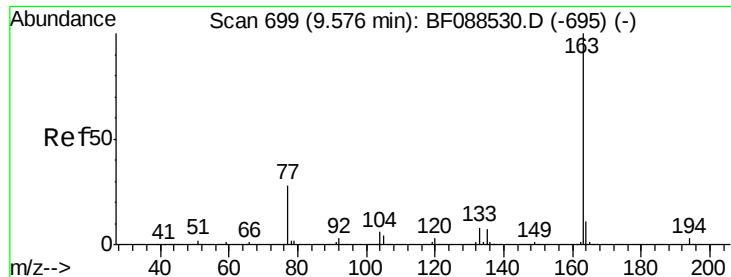
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#48
 Acenaphthylene
 Concen: 42.03 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion:	152	Resp:	751661
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.4
153	13.0	11.0	16.6





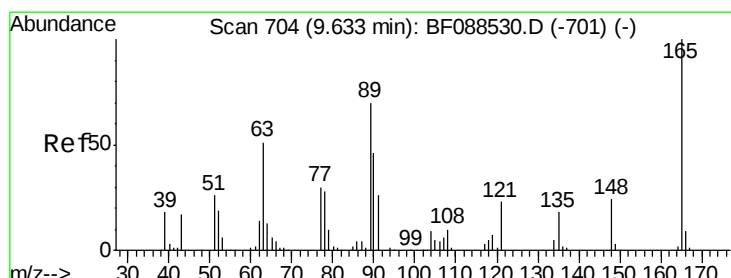
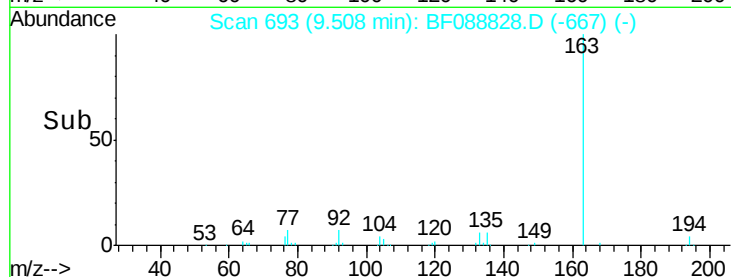
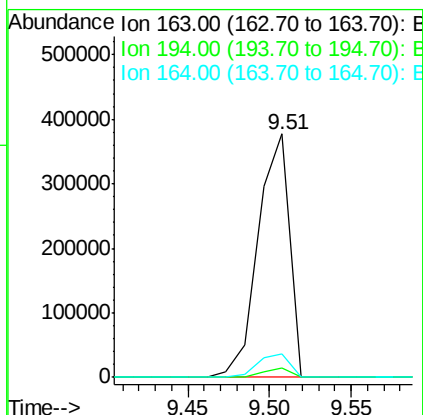
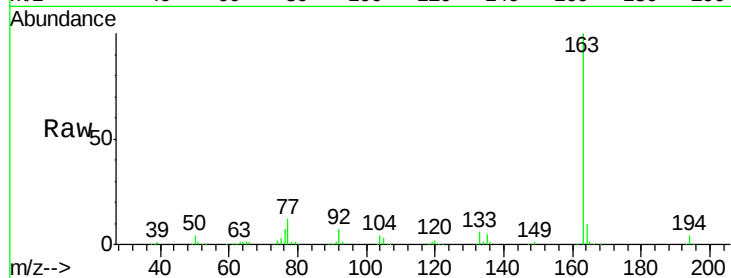
#49
Dimethylphthalate
Concen: 40.78 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.7	8.3	12.5

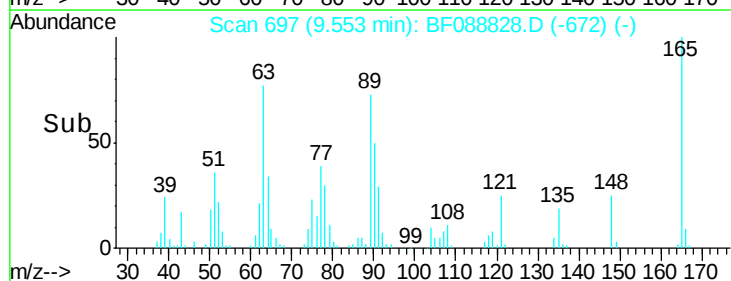
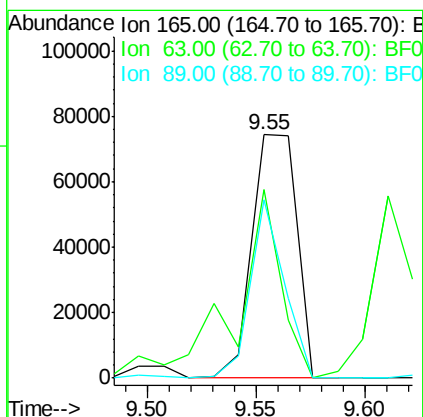
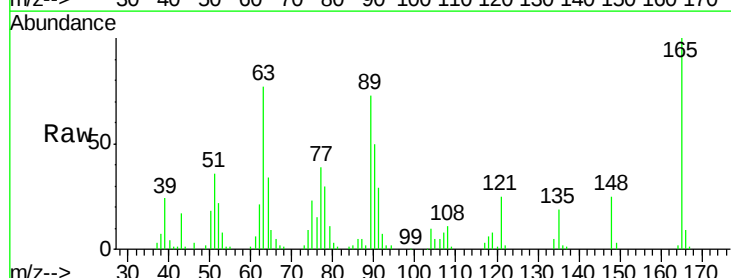
Manual Integrations

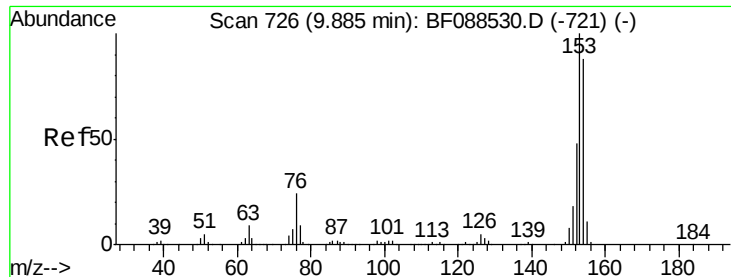
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#50
2,6-Dinitrotoluene
Concen: 39.20 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.2	28.1	42.1#
89	73.3	32.2	48.2#





#51

Acenaphthene

Concen: 43.23 ng m

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 473918

Ion Ratio Lower Upper

154 100

153 114.2 89.5 134.3

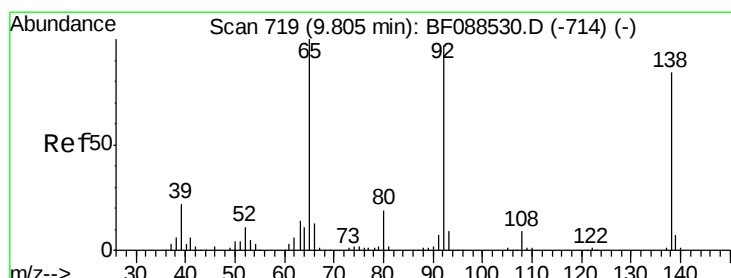
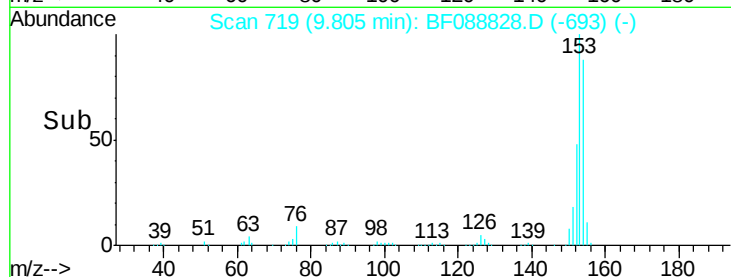
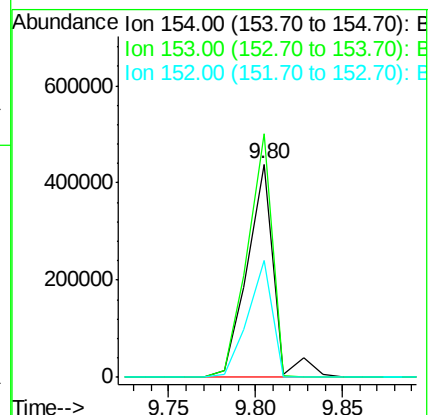
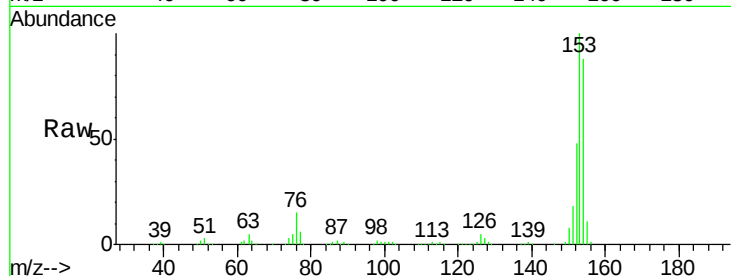
152 54.6 42.7 64.1

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#52

3-Nitroaniline

Concen: 37.10 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

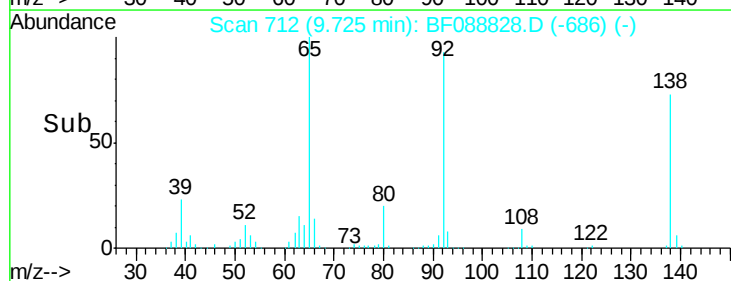
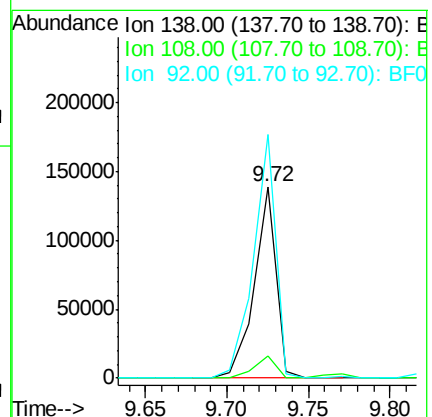
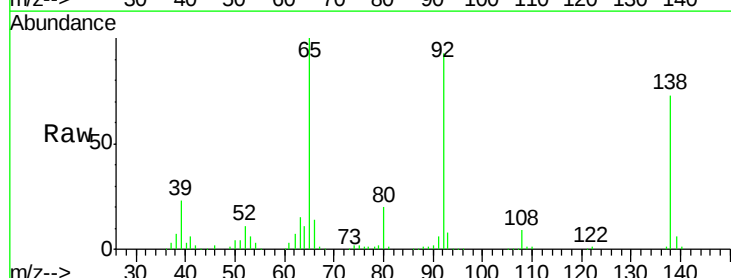
Tgt Ion:138 Resp: 128763

Ion Ratio Lower Upper

138 100

108 11.8 8.5 12.7

92 127.2 95.7 143.5





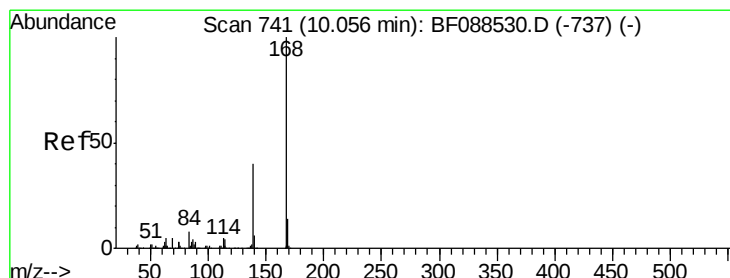
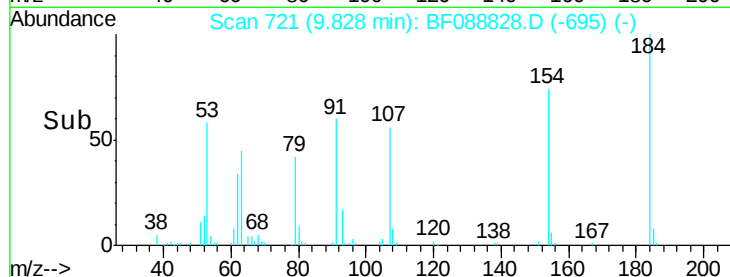
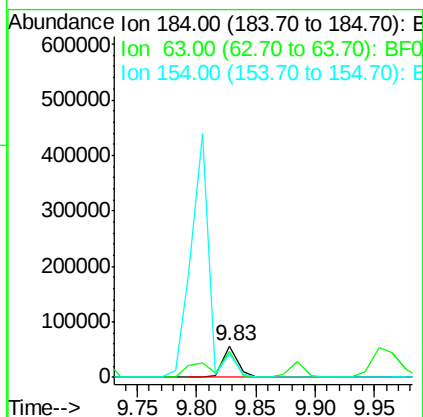
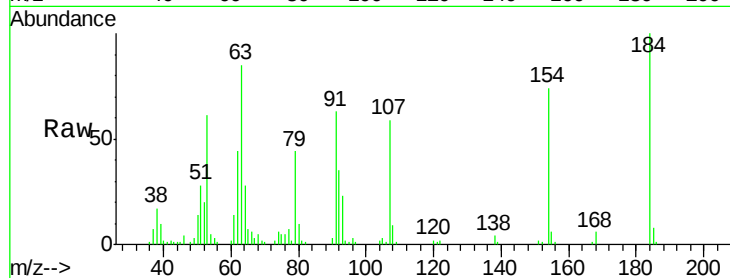
#53
2,4-Dinitrophenol
Concen: 42.97 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 51795
Ion Ratio Lower Upper
184 100
63 85.4 57.6 86.4
154 73.7 53.5 80.3

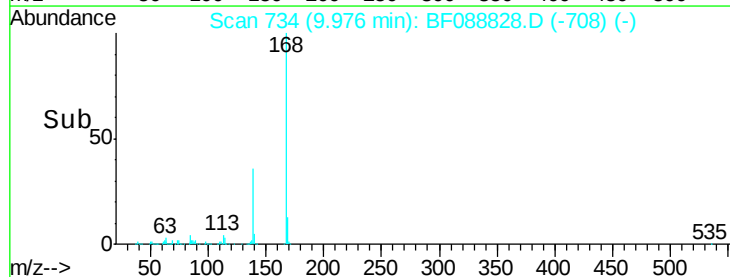
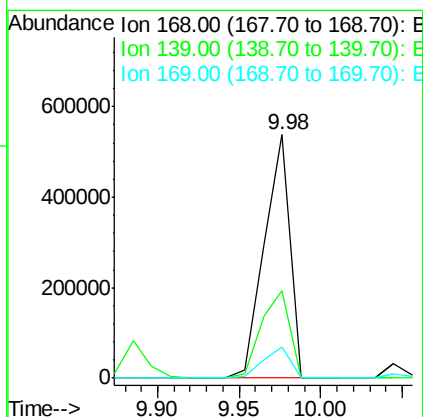
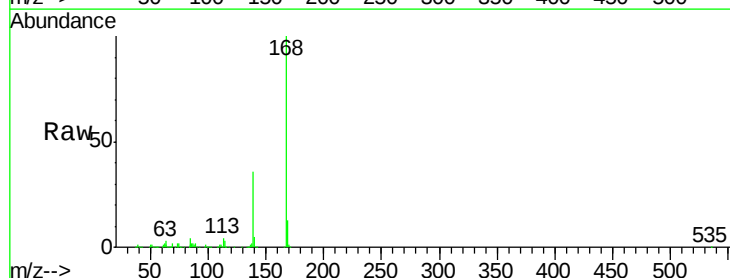
Manual Integrations

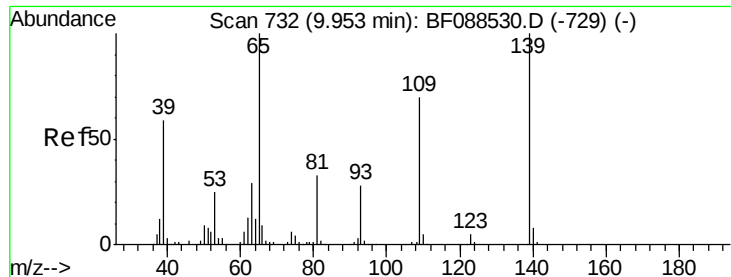
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#54
Dibenzofuran
Concen: 40.84 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:168 Resp: 586017
Ion Ratio Lower Upper
168 100
139 36.1 26.4 39.6
169 13.0 10.4 15.6





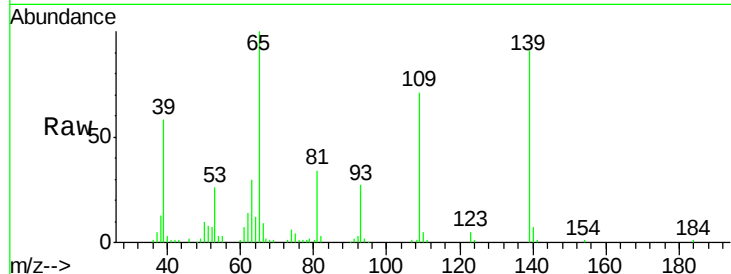
#55
4-Nitrophenol
Concen: 32.48 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

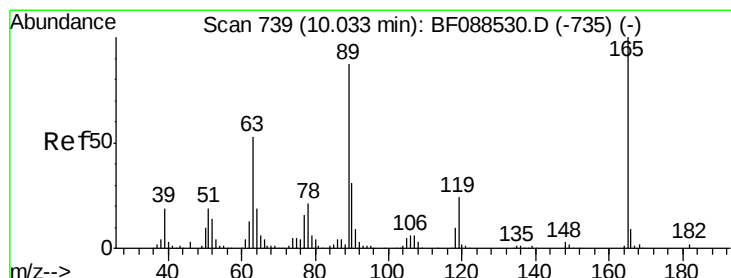
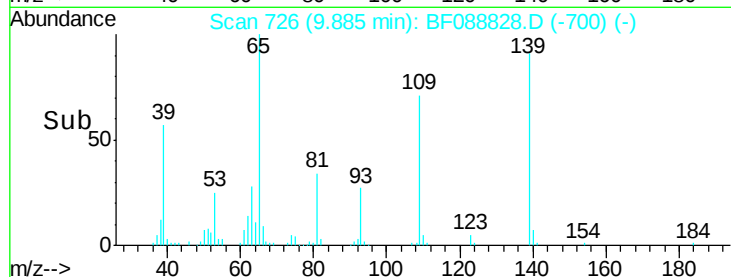
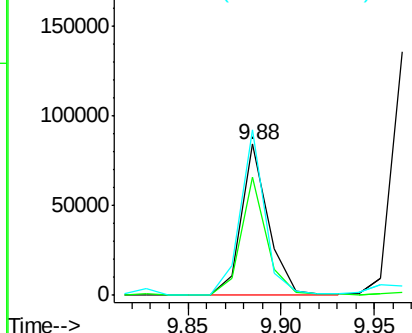
Tgt Ion:	139	Resp:	85657
Ion Ratio	Lower	Upper	
139	100		
109	78.3	48.9	88.9
65	110.0	84.9	124.9

Manual Integrations

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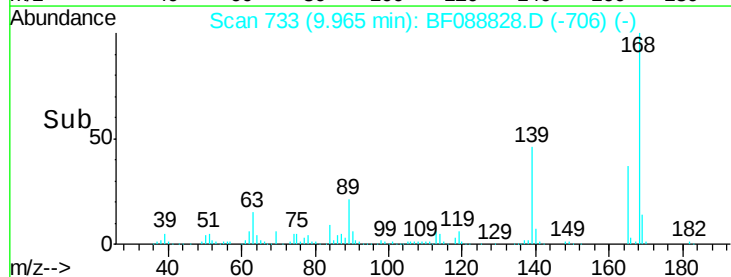
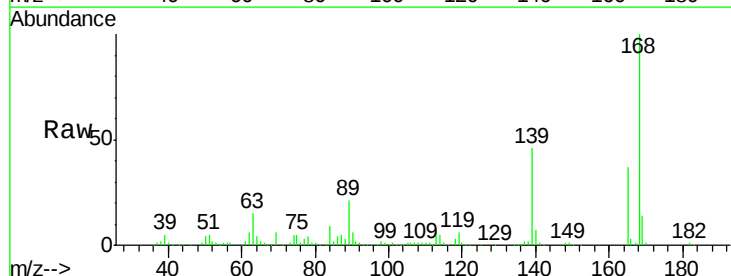
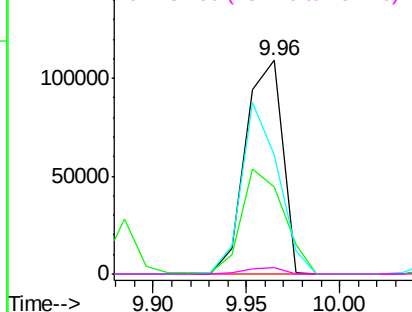
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

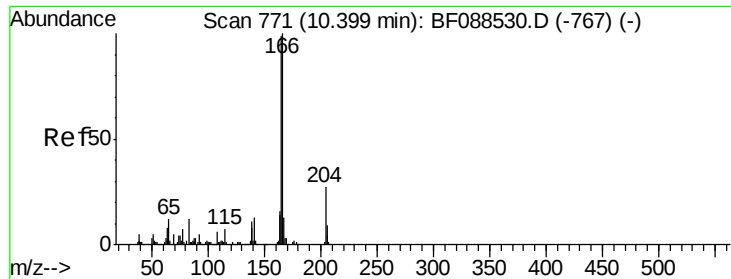


#56
2,4-Dinitrotoluene
Concen: 41.68 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion:	165	Resp:	148772
Ion Ratio	Lower	Upper	
165	100		
63	40.5	22.0	33.0#
89	55.5	41.1	61.7
182	2.9	2.0	3.0

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.52 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF088828.D

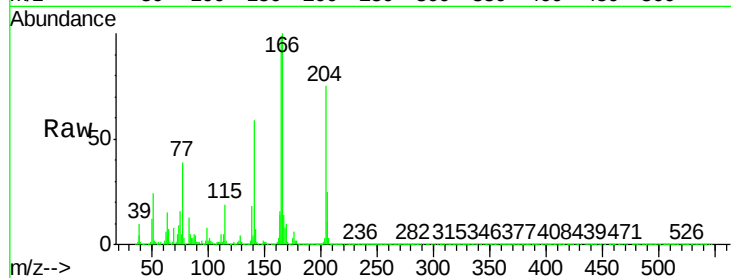
Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:166 Resp: 436995

Ion Ratio Lower Upper

166 100

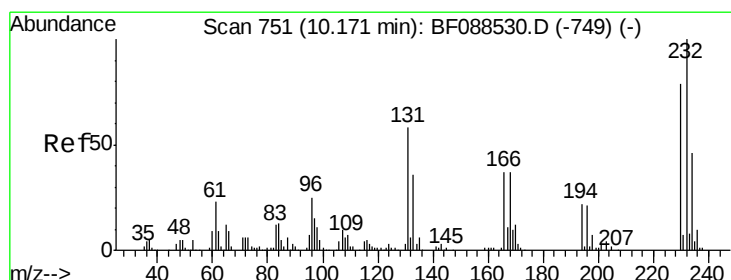
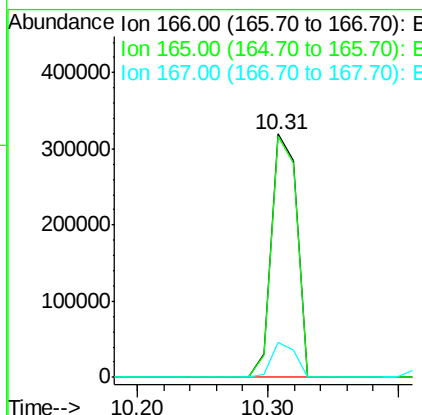
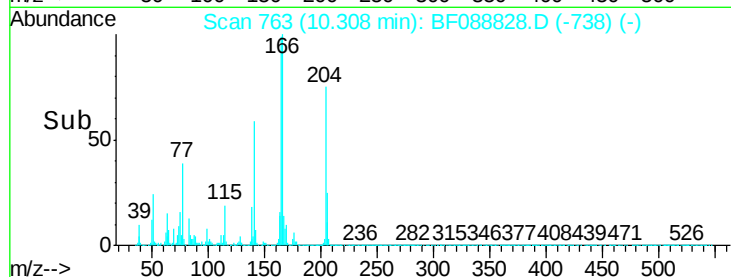
165 99.2 77.8 116.8

167 14.4 11.2 16.8

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.14 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Tgt Ion:232 Resp: 103835

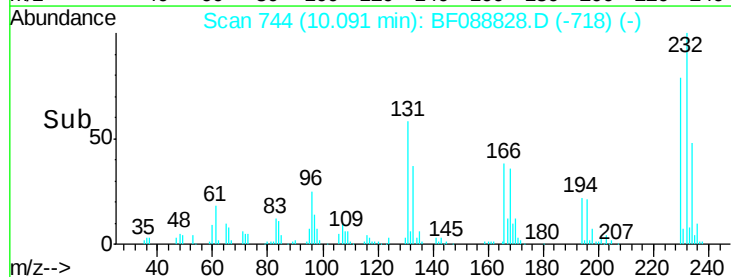
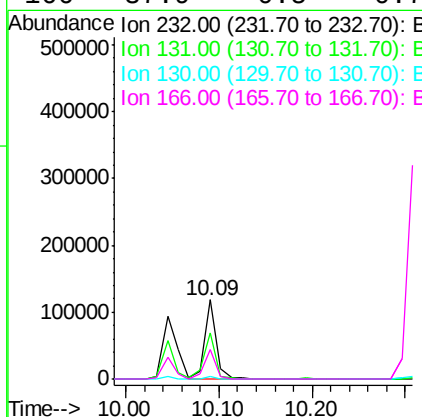
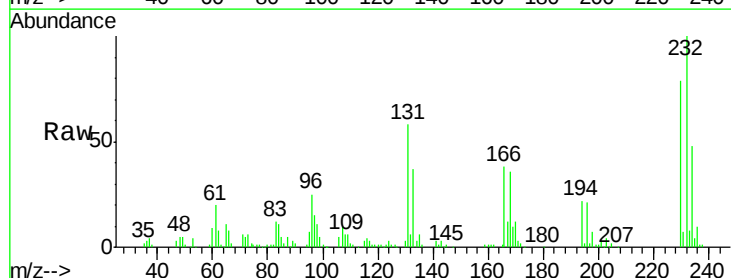
Ion Ratio Lower Upper

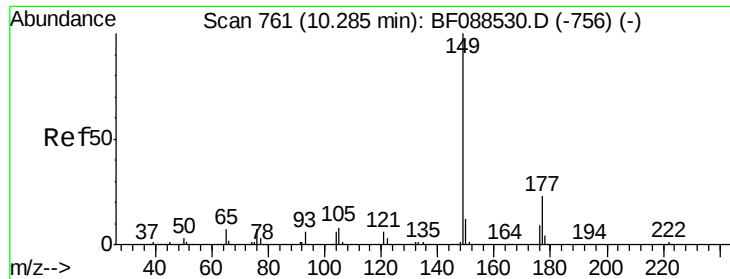
232 100

131 57.8 0.9 1.3#

130 3.0 1.5 2.3#

166 37.9 0.5 0.7#





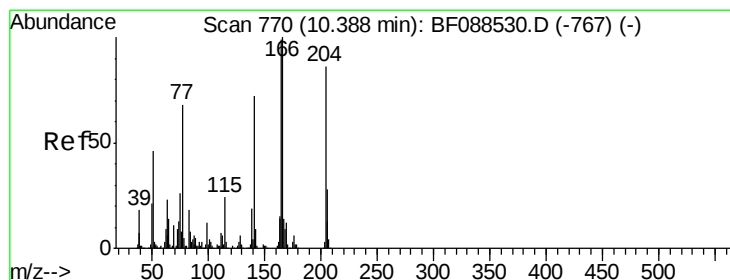
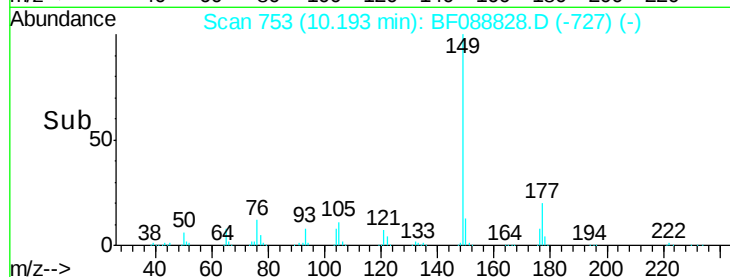
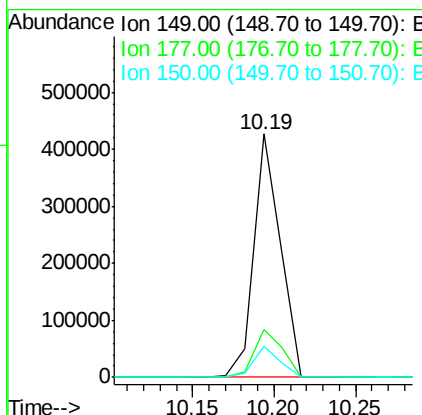
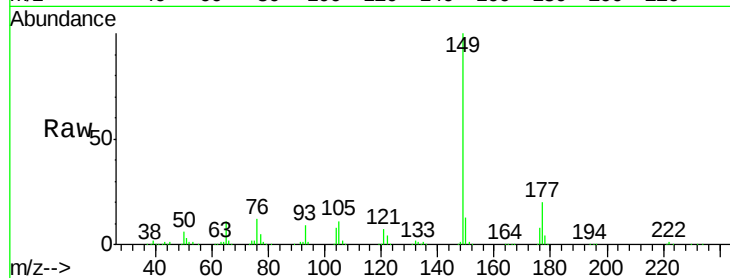
#59
Diethylphthalate
Concen: 38.89 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.6	16.9	25.3
150	12.8	10.1	15.1

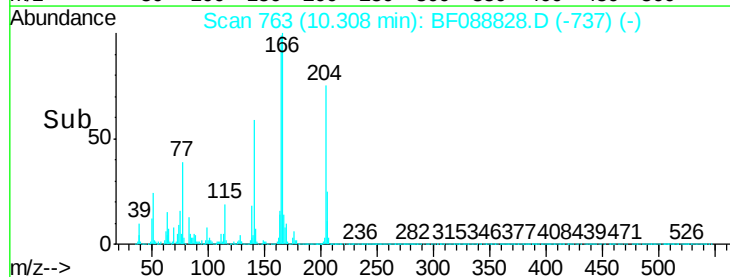
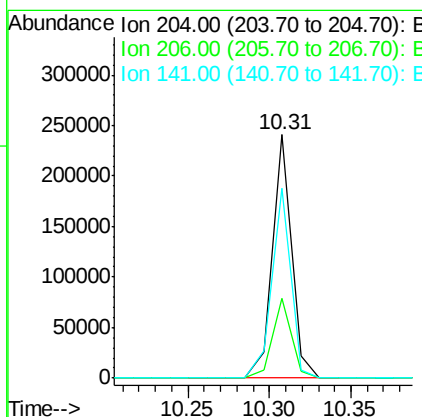
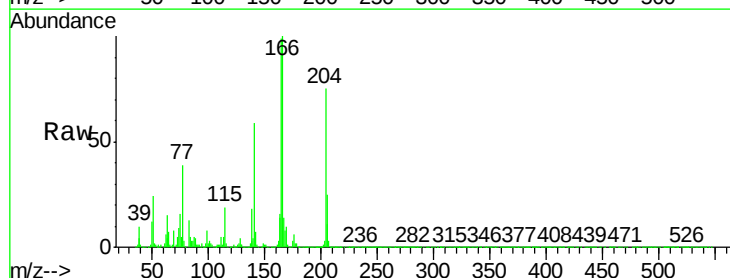
Manual Integrations

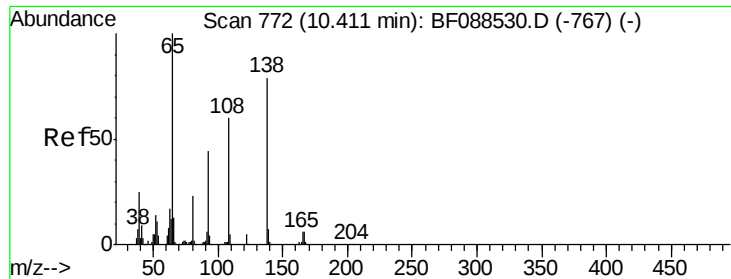
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#60
4-Chlorophenyl-phenylether
Concen: 38.54 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	78.2	55.0	82.6





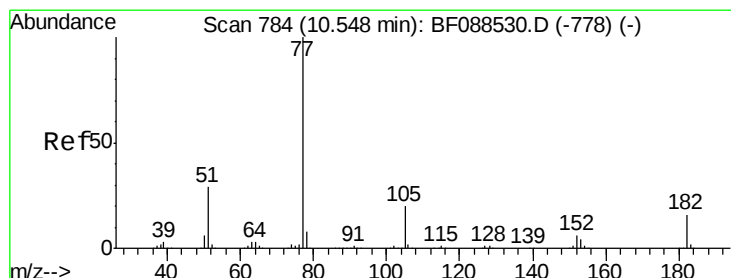
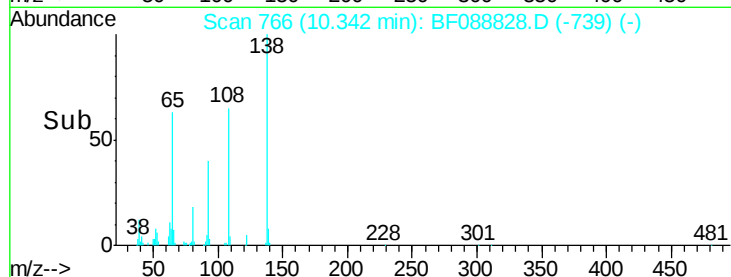
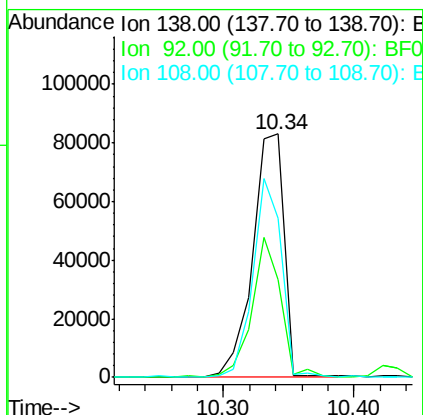
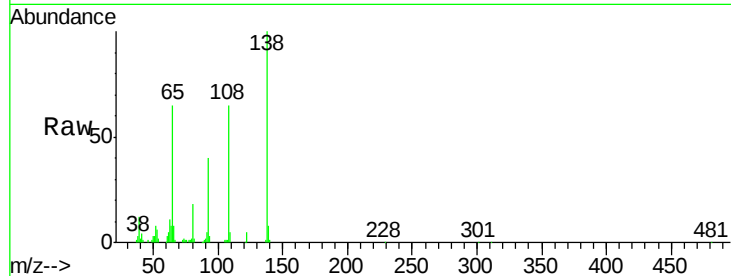
#61
4-Nitroaniline
Concen: 41.81 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 138 Resp: 139612
Ion Ratio Lower Upper
138 100
92 40.1 27.3 67.3
108 65.4 46.7 86.7

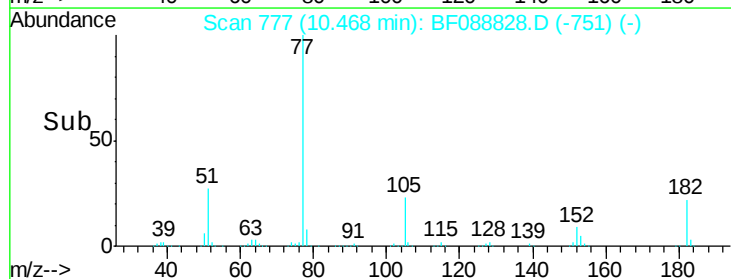
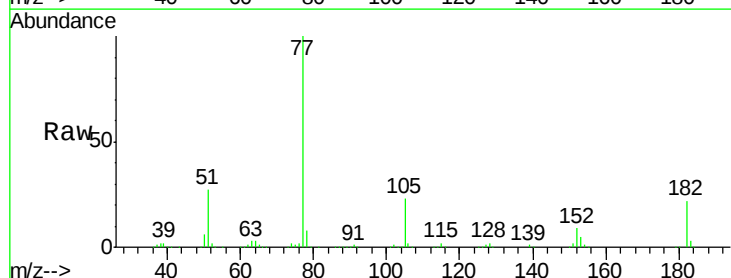
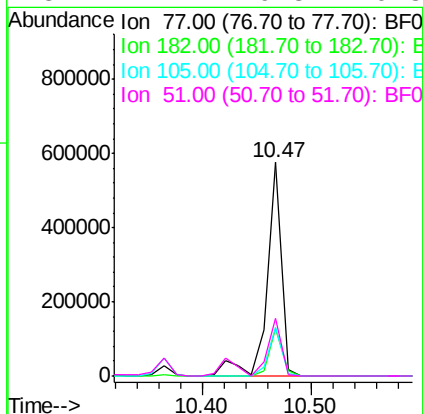
Manual Integrations

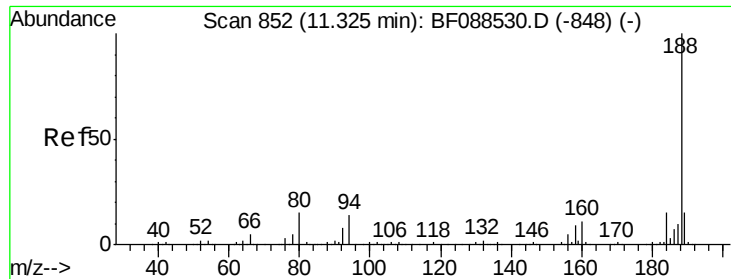
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#62
Azobenzene
Concen: 38.72 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion: 77 Resp: 545910
Ion Ratio Lower Upper
77 100
182 22.4 4.4 44.4
105 22.8 3.8 43.8
51 27.2 9.3 49.3





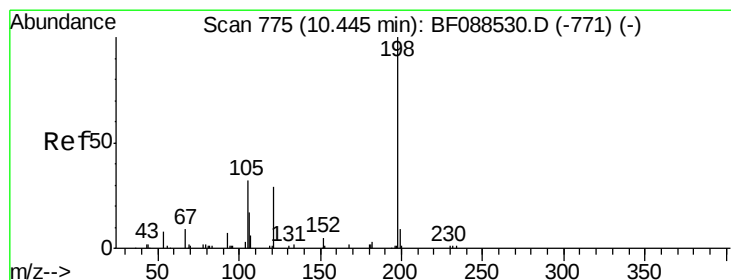
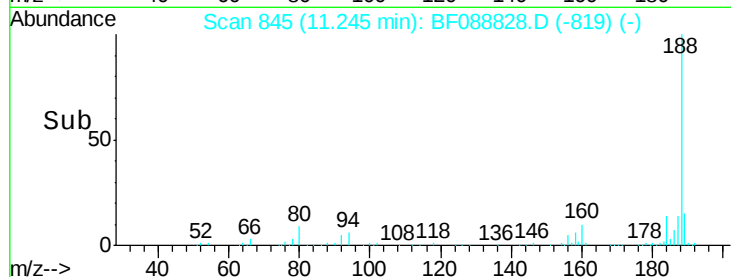
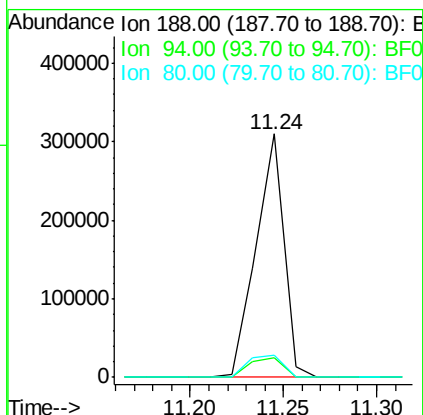
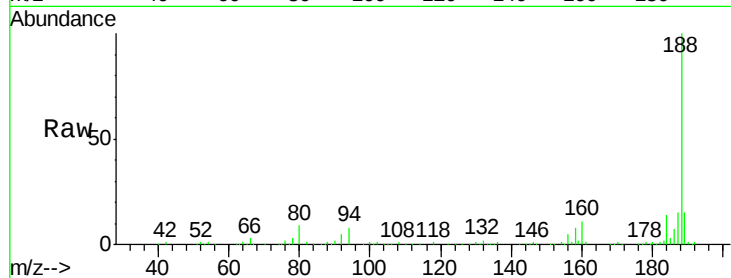
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	319378		
94	8.1	9.0	13.6#	
80	9.2	10.0	15.0#	

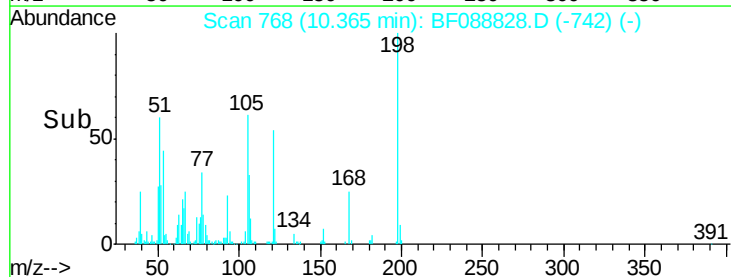
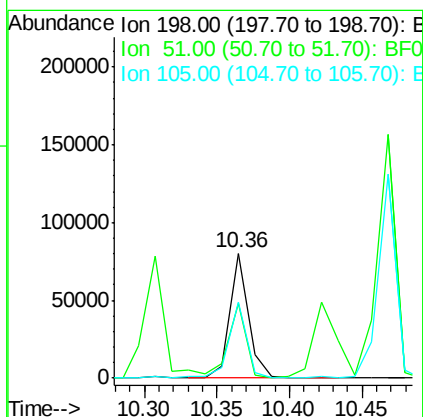
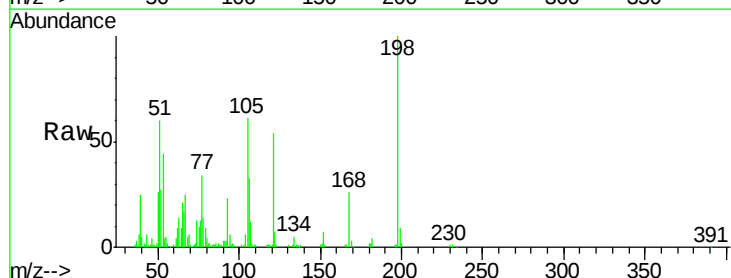
Manual Integrations

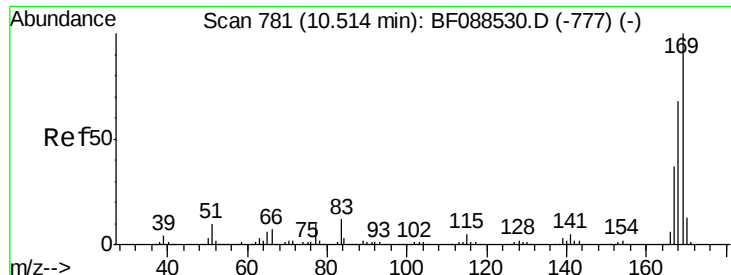
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.26 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	72196		
51	60.1	39.6	79.6	
105	60.6	36.6	76.6	





#65

n-Nitrosodiphenylamine

Concen: 39.76 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF088828.D

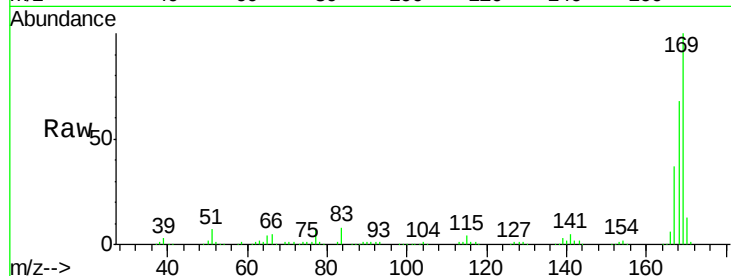
Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

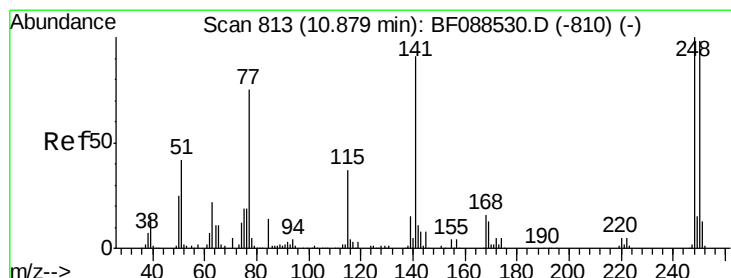
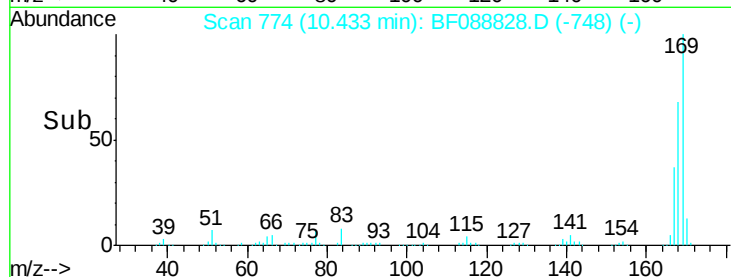
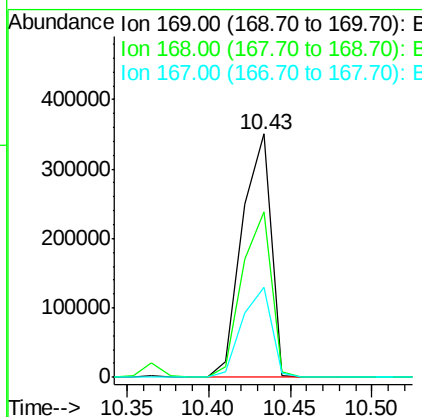


Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.4	80.0
167	36.8	29.4	44.0

Manual Integrations

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#66

4-Bromophenyl-phenylether

Concen: 42.40 ng

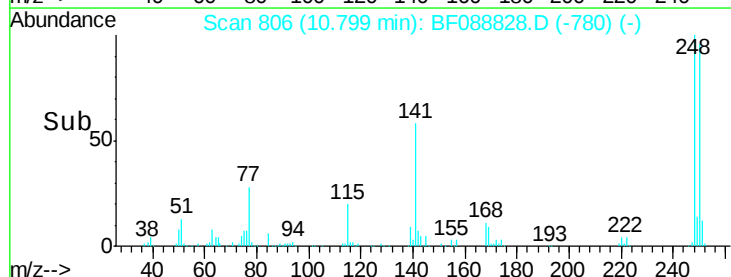
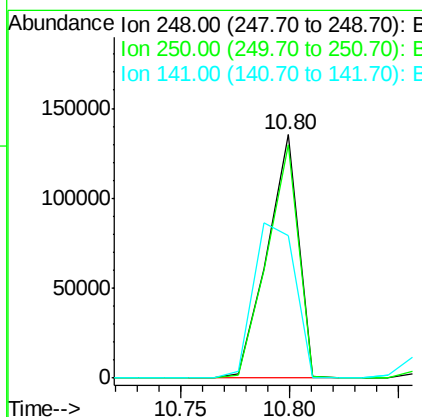
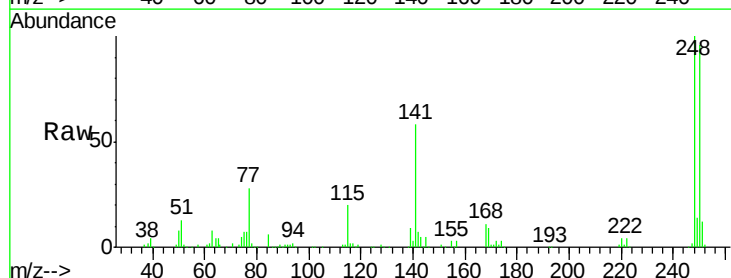
RT: 10.80 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

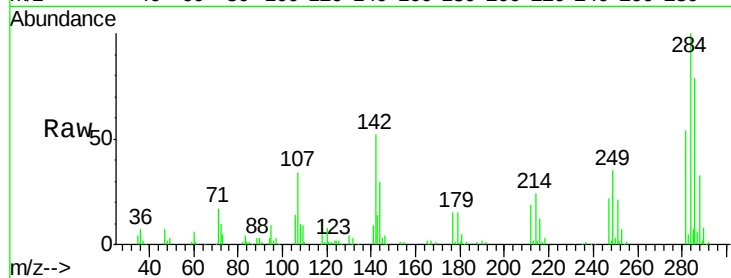
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.1	115.7
141	58.5	50.6	76.0





#67
Hexachlorobenzene
Concen: 36.87 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

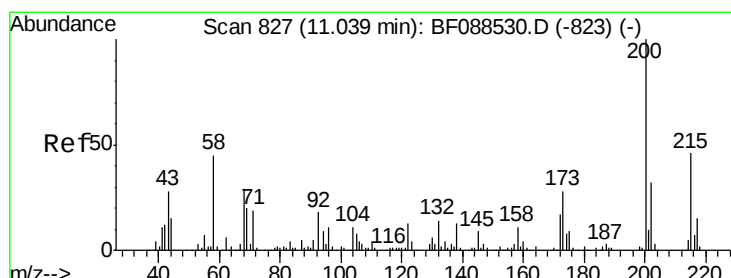
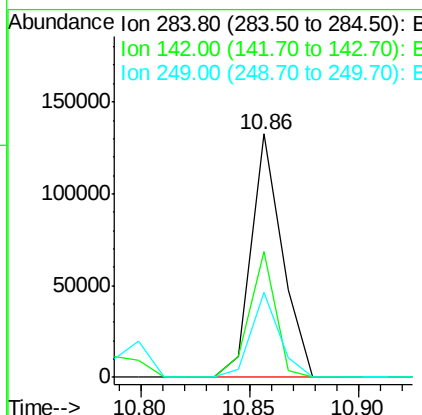
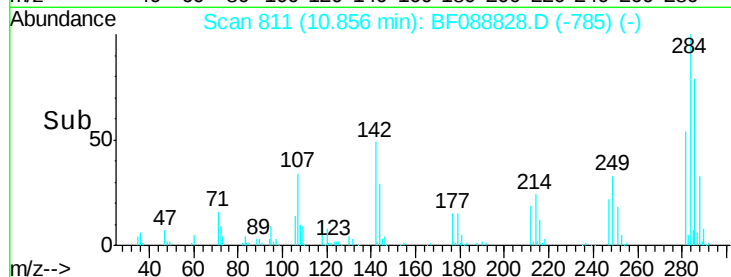
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.6	35.8	53.8
249	34.8	25.8	38.6

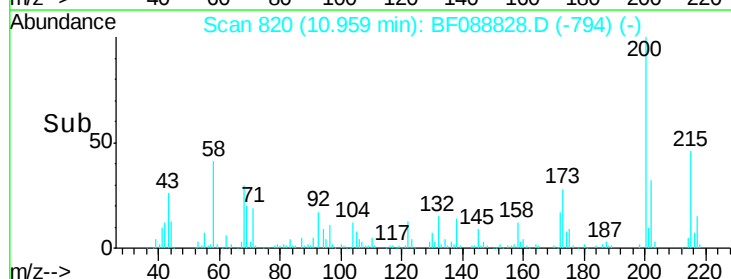
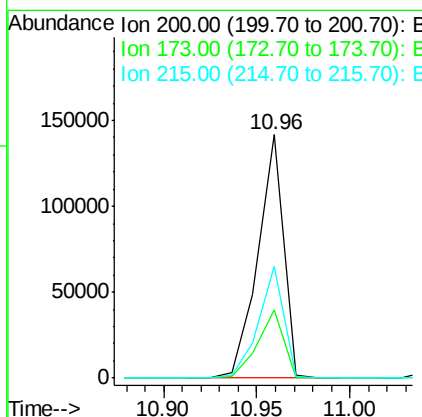
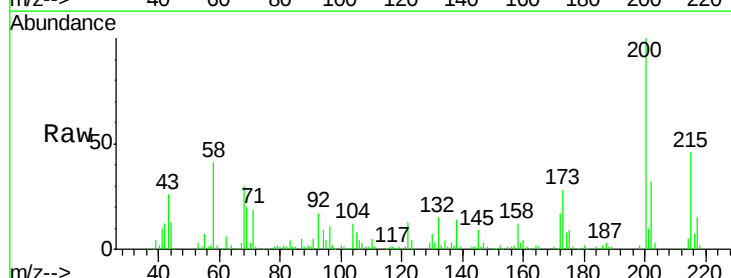
Manual Integrations

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#68
Atrazine
Concen: 39.69 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	4.0	44.0
215	45.8	29.3	69.3





#69

Pentachlorophenol

Concen: 38.29 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF088828.D

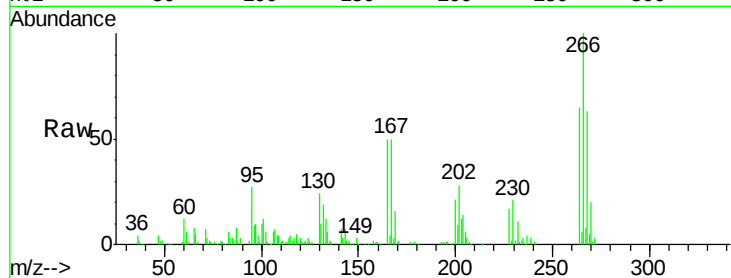
Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 266 Resp: 80725

Ion Ratio Lower Upper

266 100

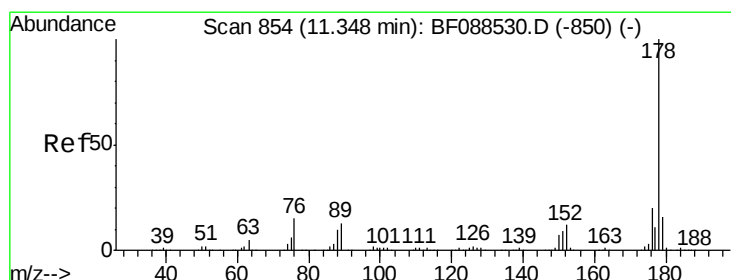
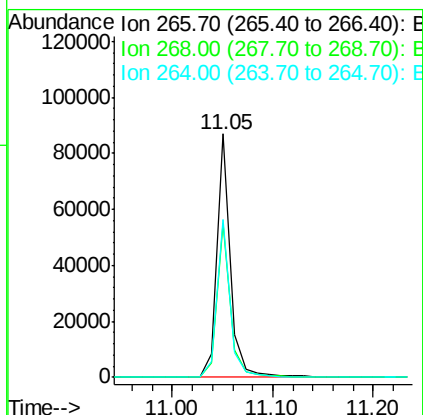
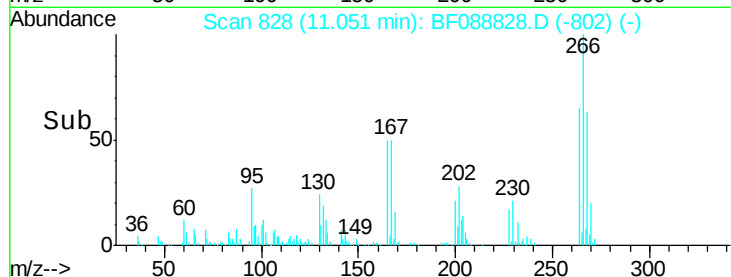
268 63.3 52.8 79.2

264 64.9 49.6 74.4

Manual Integrations

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#70

Phenanthrene

Concen: 37.71 ng

RT: 11.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

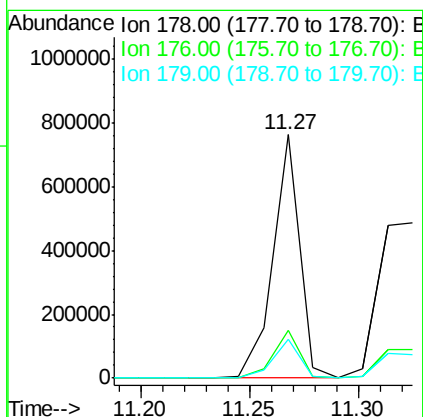
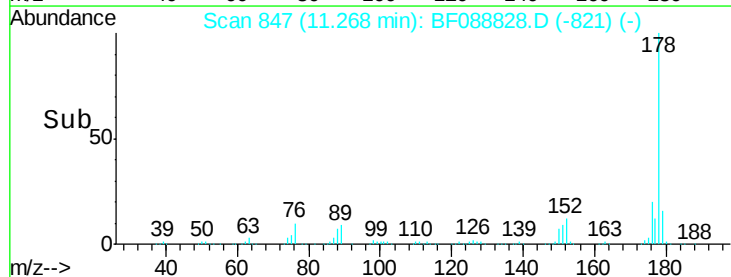
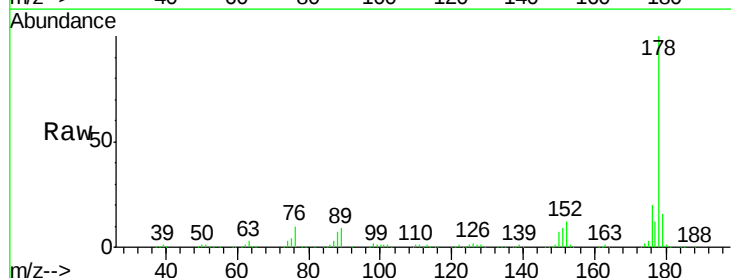
Tgt Ion: 178 Resp: 658282

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

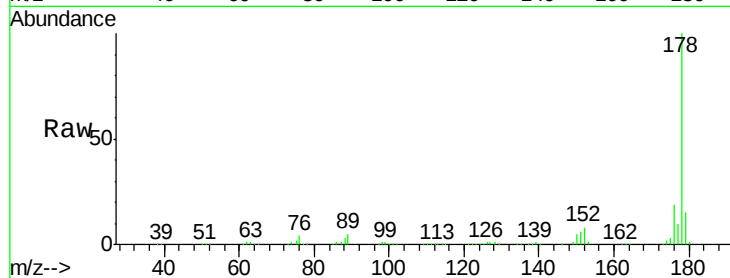
179 15.7 13.0 19.4





#71
 Anthracene
 Concen: 39.51 ng
 RT: 11.32 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

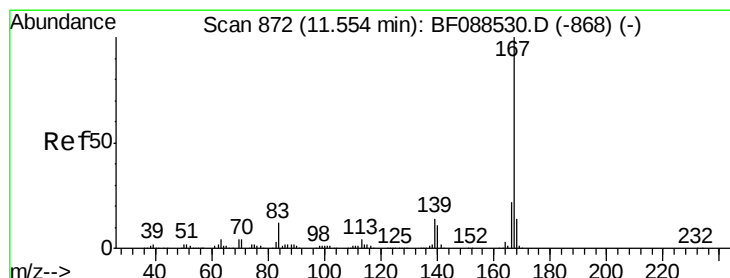
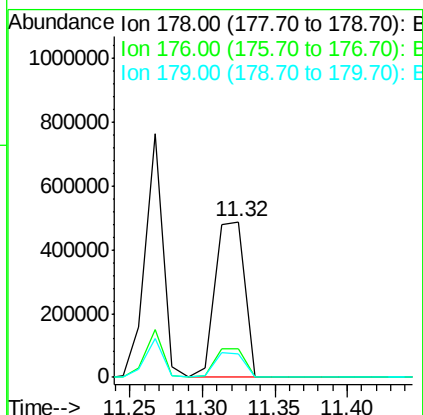
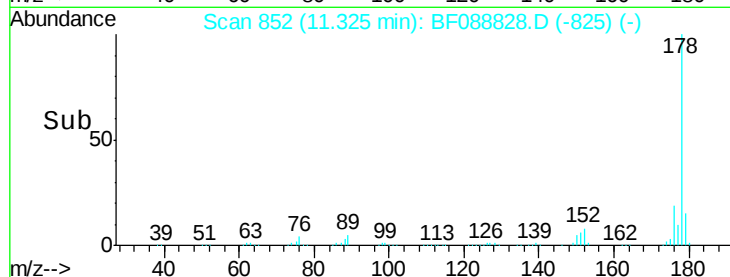
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:178 Resp: 685900
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.6 23.4
 179 15.1 12.8 19.2

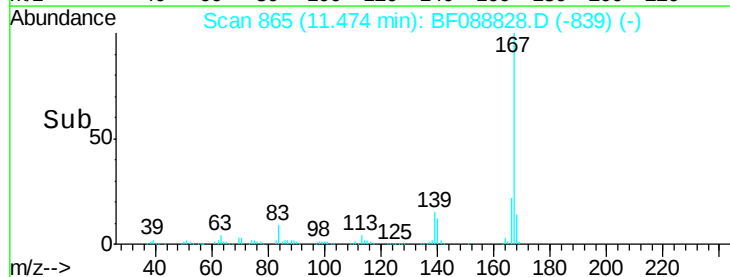
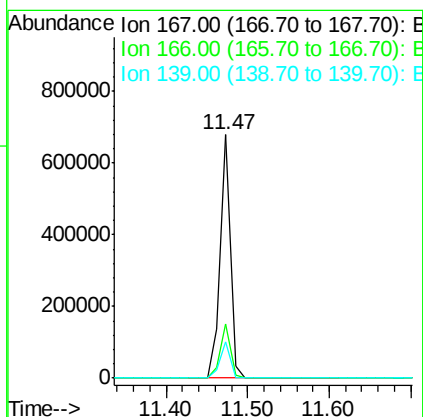
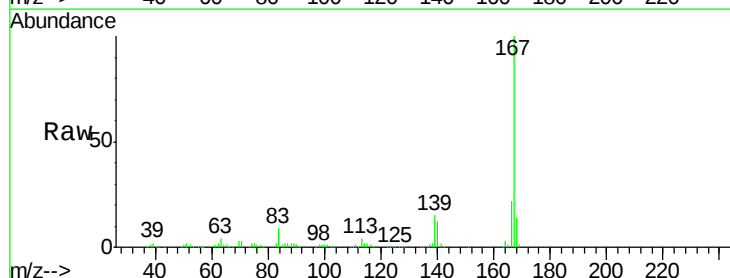
Manual Integrations

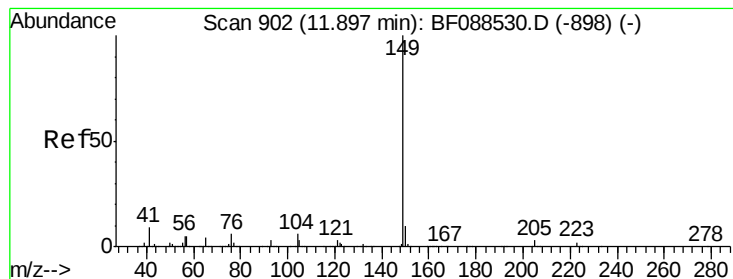
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#72
 Carbazole
 Concen: 35.91 ng
 RT: 11.47 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion:167 Resp: 586663
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.7 11.2 16.8





#73

Di-n-butylphthalate

Concen: 41.54 ng

RT: 11.82 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF088828.D

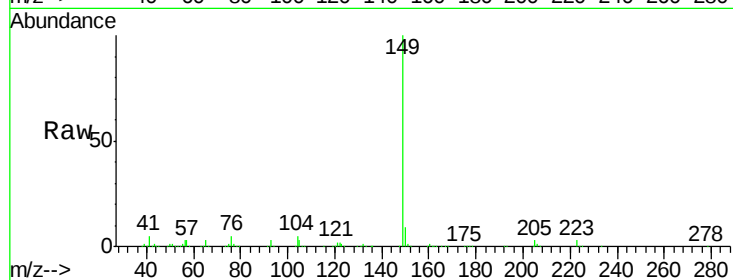
Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

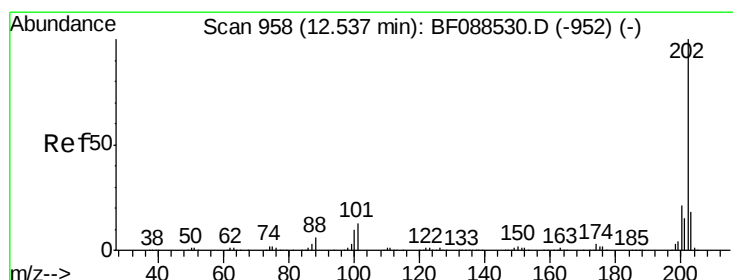
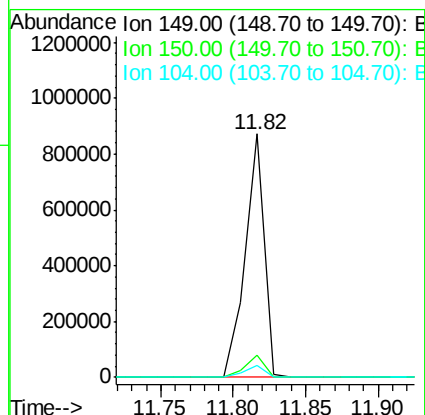
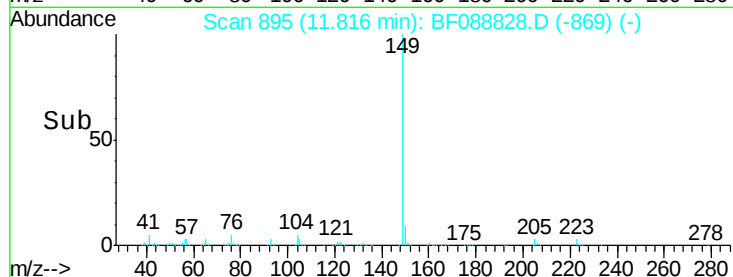


Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.0	4.0	6.0

Manual Integrations

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#74

Fluoranthene

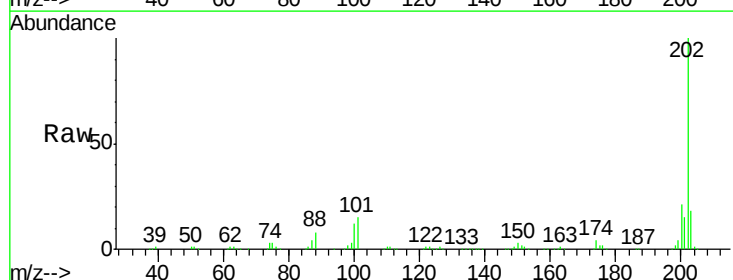
Concen: 34.38 ng

RT: 12.45 min Scan# 950

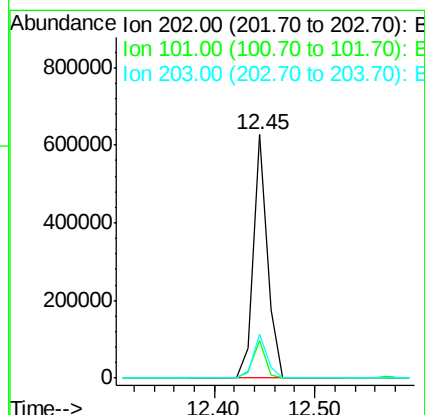
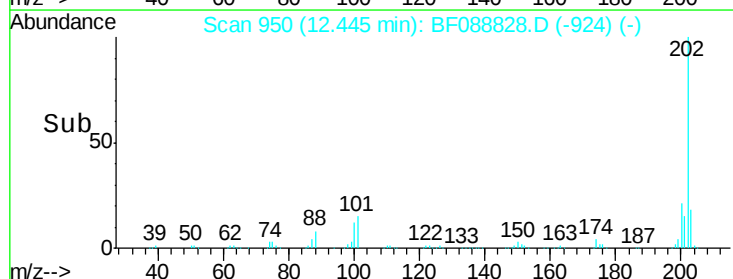
Delta R.T. 0.00 min

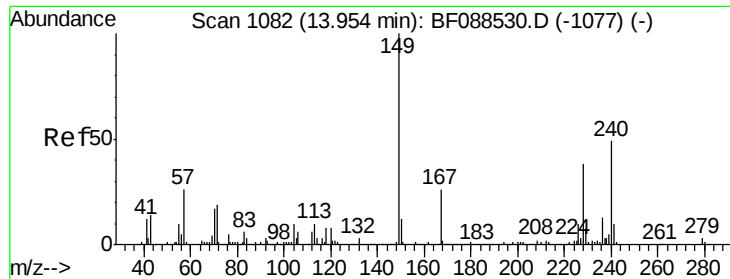
Lab File: BF088828.D

Acq: 8 Jul 2016 16:27



Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	33.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:240 Resp: 198367

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

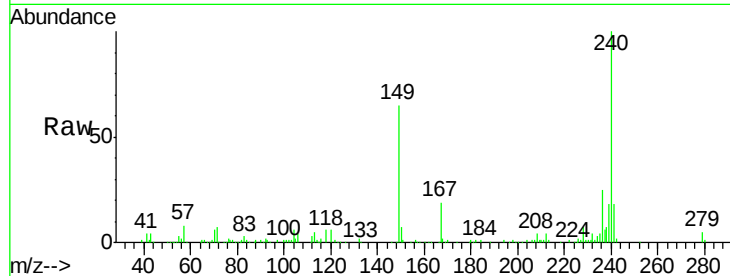
236 25.4 20.2 30.2

Manual Integrations

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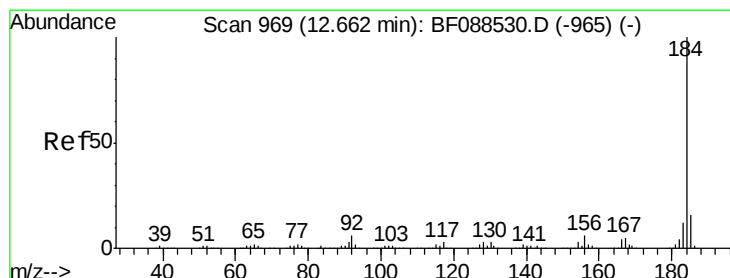
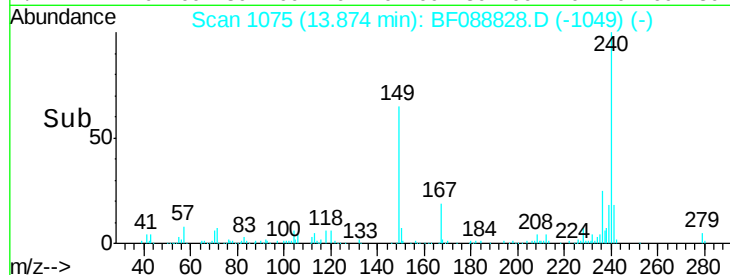
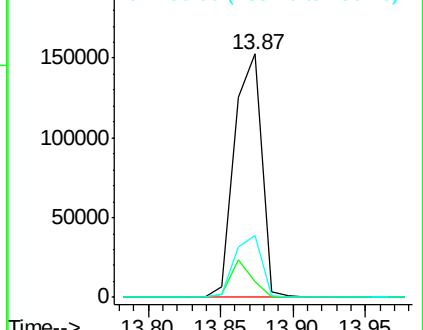
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.47 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

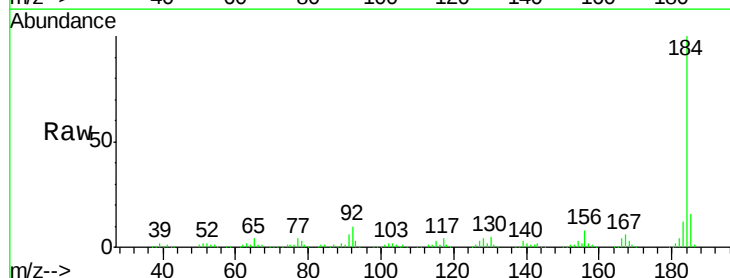
Tgt Ion:184 Resp: 375709

Ion Ratio Lower Upper

184 100

185 15.7 12.5 18.7

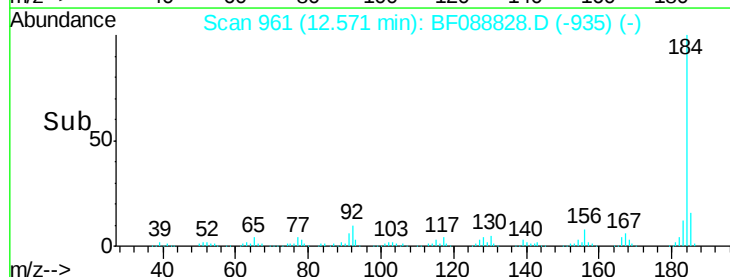
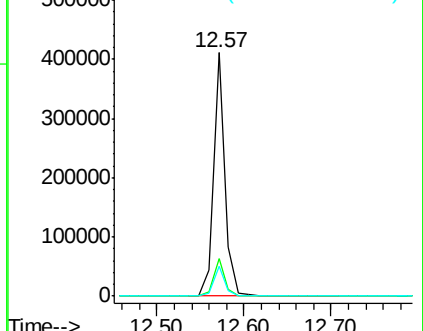
183 12.1 9.3 13.9

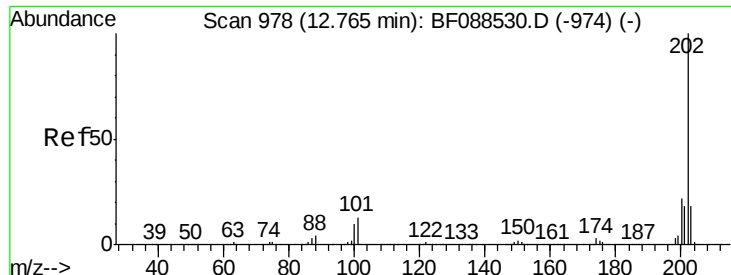


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





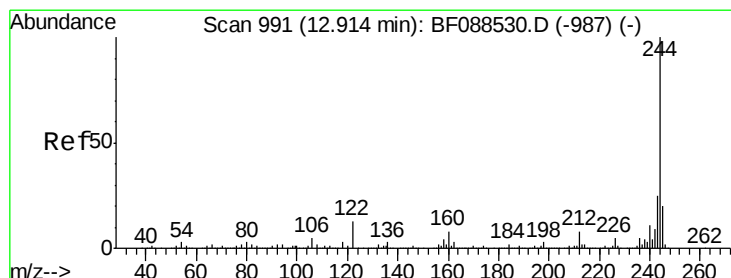
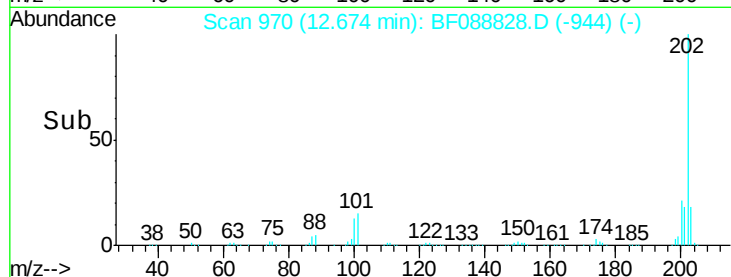
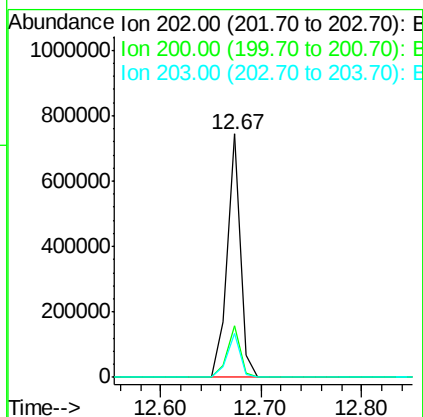
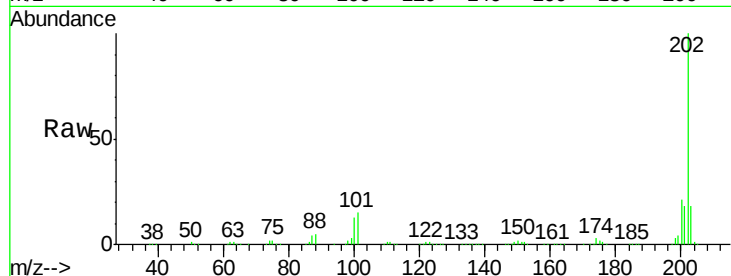
#77
 Pyrene
 Concen: 40.19 ng
 RT: 12.67 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.8	14.5	21.7

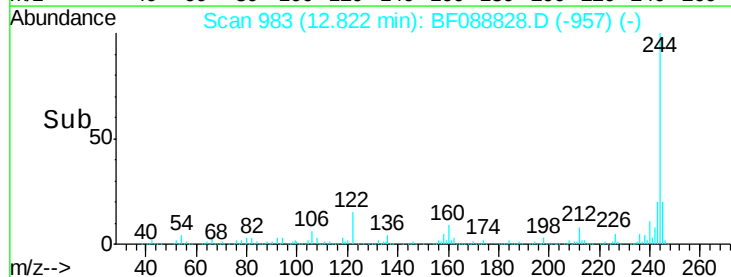
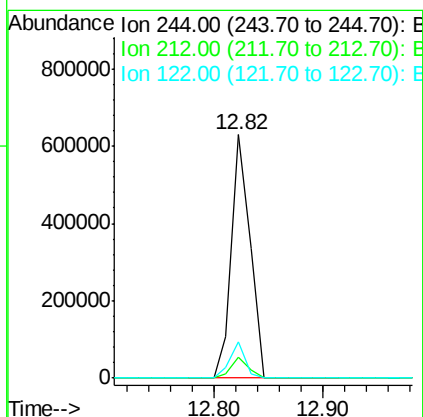
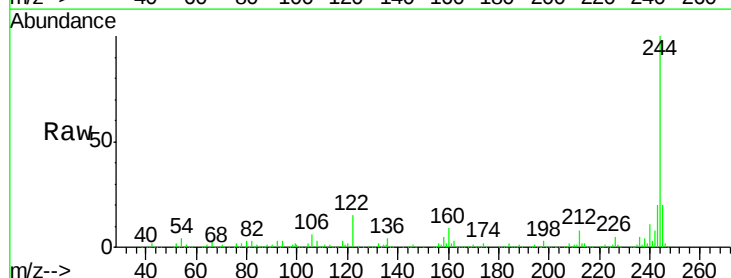
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#78
 Terphenyl-d14
 Concen: 83.07 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	15.1	11.2	16.8





#79

Butylbenzylphthalate

Concen: 39.36 ng

RT: 13.30 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF088828.D

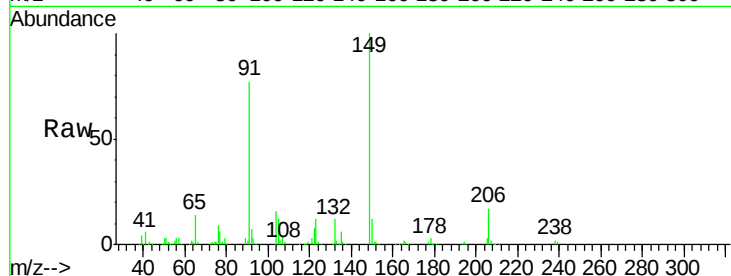
Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:149 Resp: 295318

Ion Ratio Lower Upper

149 100

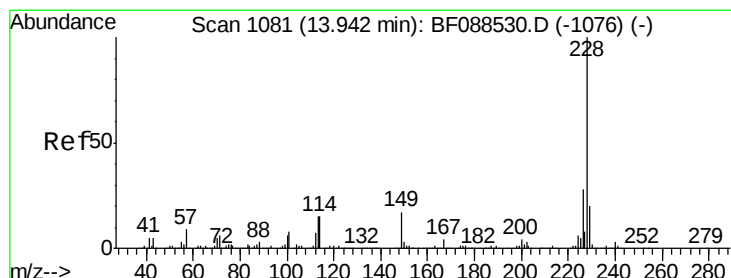
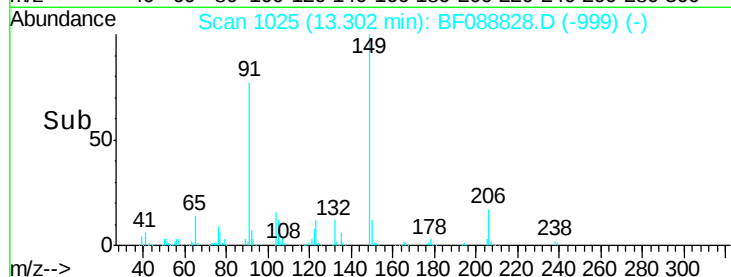
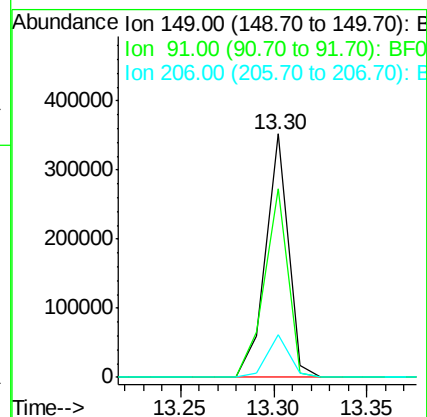
91 77.5 48.0 72.0#

206 17.3 16.0 24.0

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#80

Benzo(a)anthracene

Concen: 39.65 ng

RT: 13.85 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

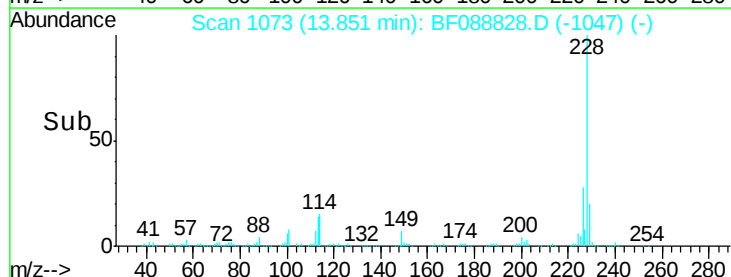
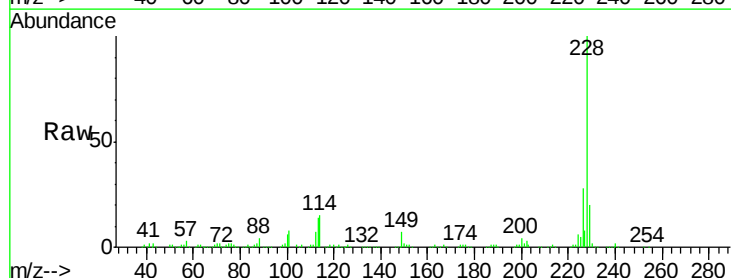
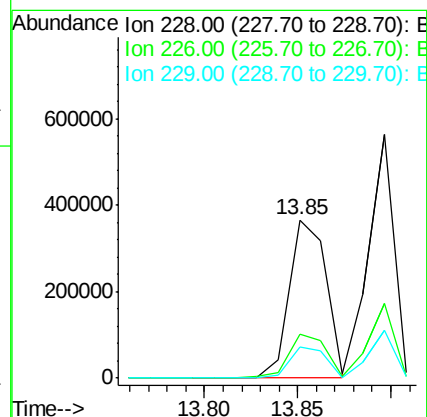
Tgt Ion:228 Resp: 506393

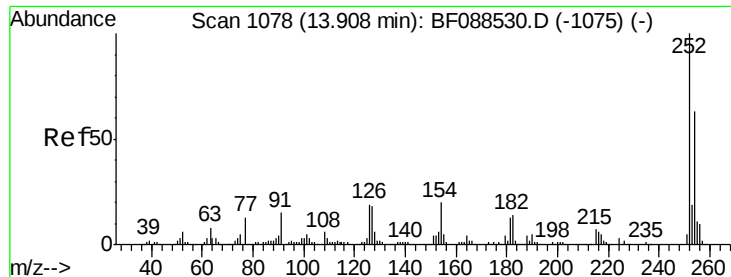
Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

229 20.0 16.0 24.0





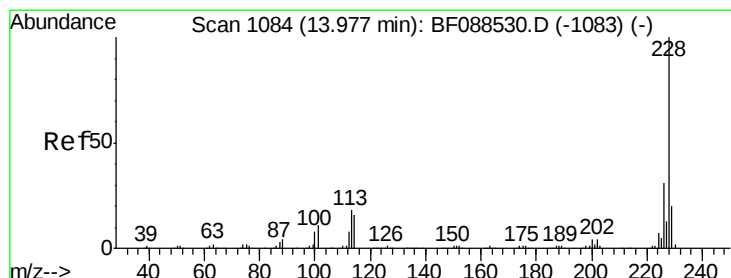
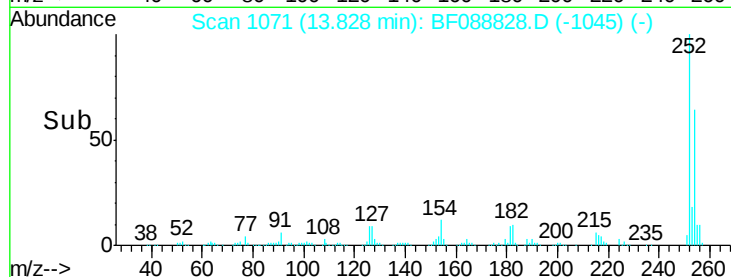
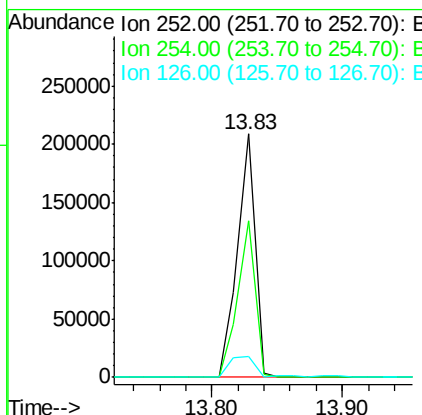
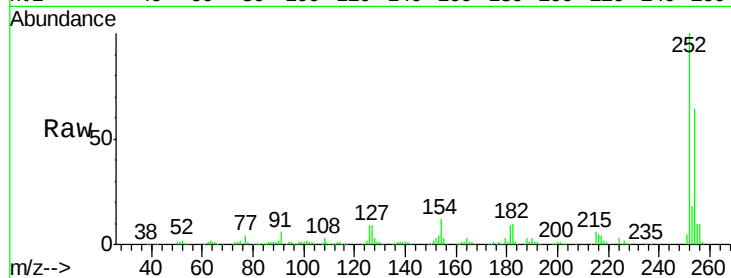
#81
 3,3'-Dichlorobenzidine
 Concen: 41.16 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.6	78.8
126	8.8	6.2	9.2

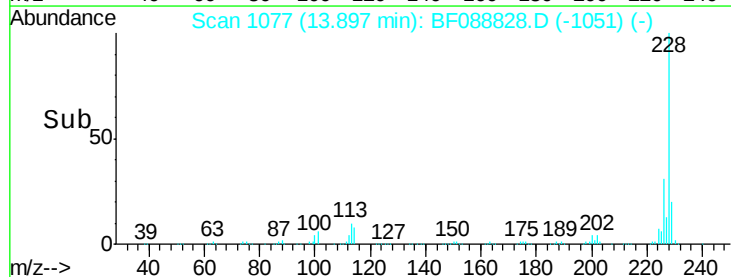
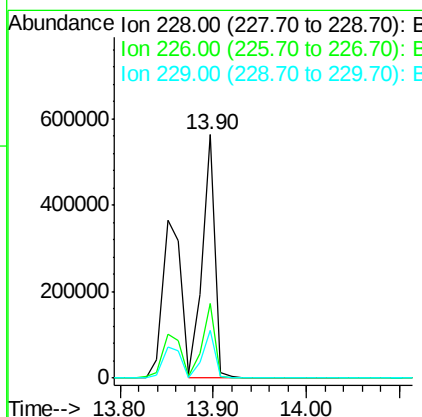
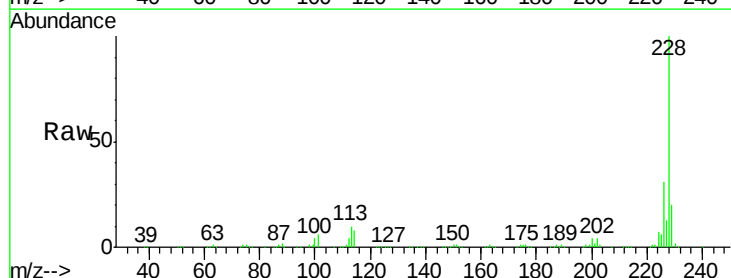
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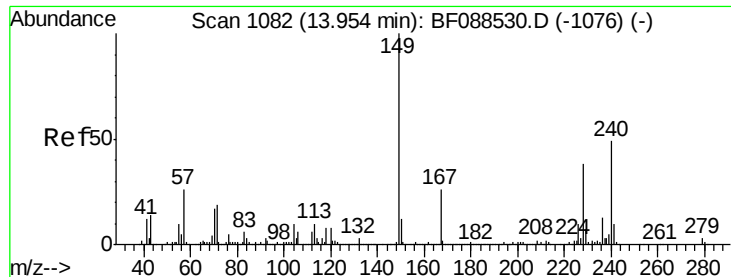
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#82
 Chrysene
 Concen: 42.20 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	19.9	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.49 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

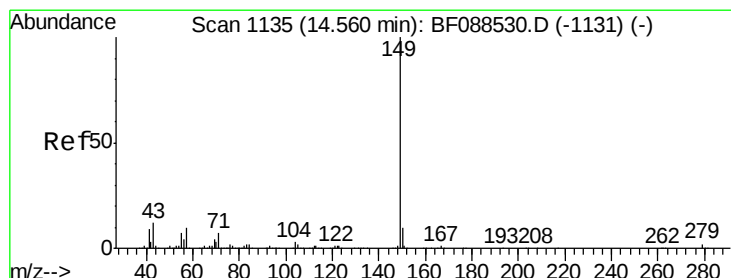
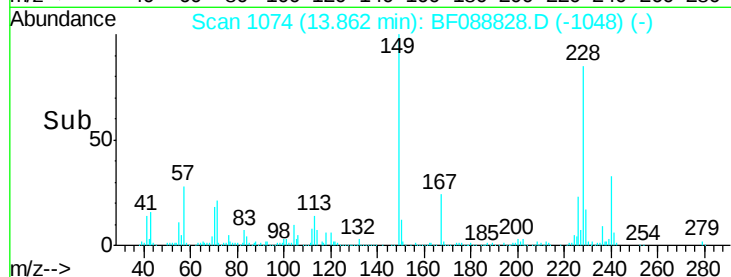
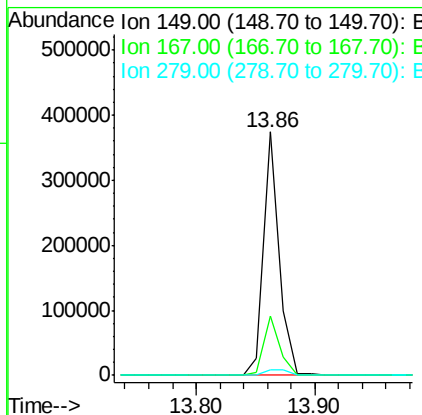
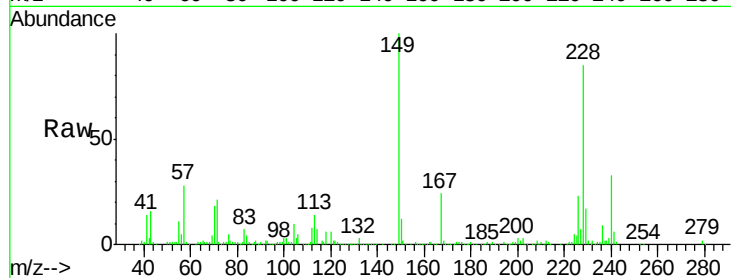
Tgt Ion:	149	Resp:	346833
Ion Ratio	Lower	Upper	
149	100		
167	24.2	20.5	30.7
279	2.3	2.0	3.0

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#84

Di-n-octyl phthalate

Concen: 37.84 ng

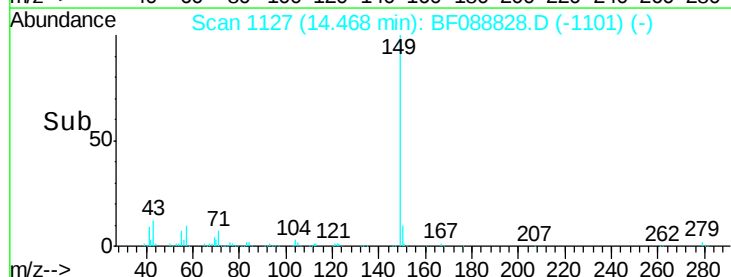
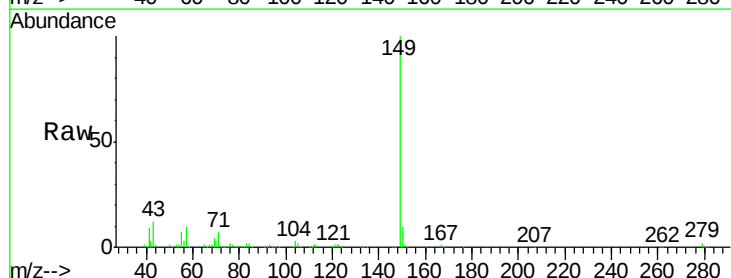
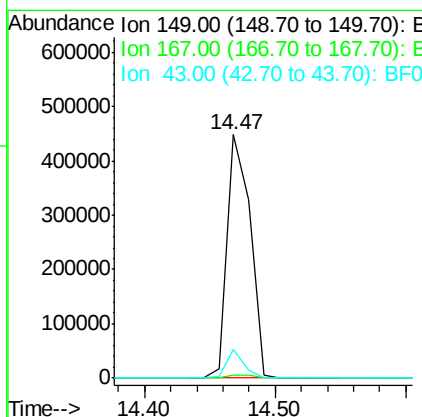
RT: 14.47 min Scan# 1127

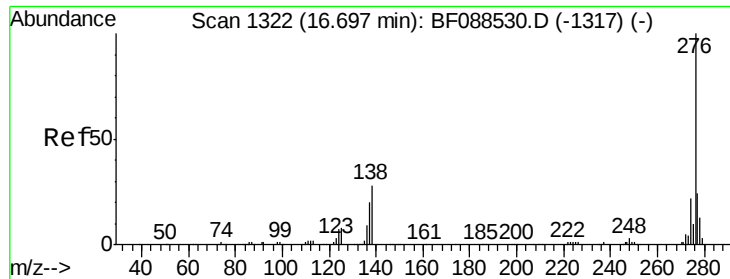
Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

Tgt Ion:	149	Resp:	550550
Ion Ratio	Lower	Upper	
149	100		
167	1.4	0.0	0.0#
43	9.0	0.0	0.0#





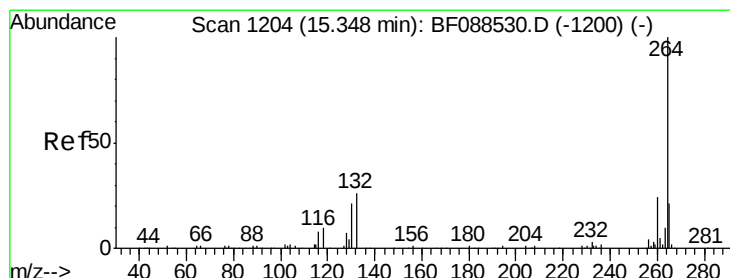
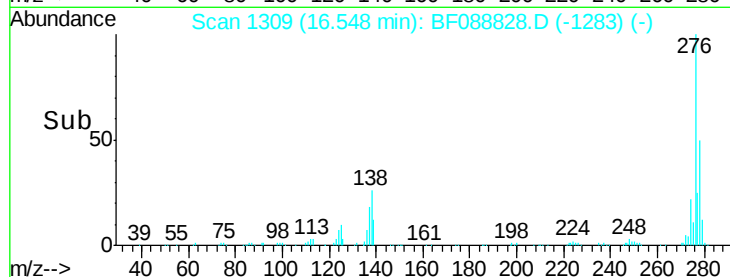
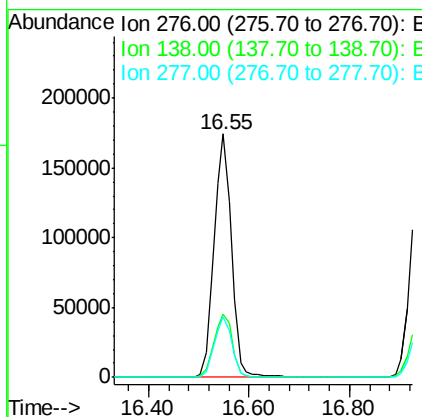
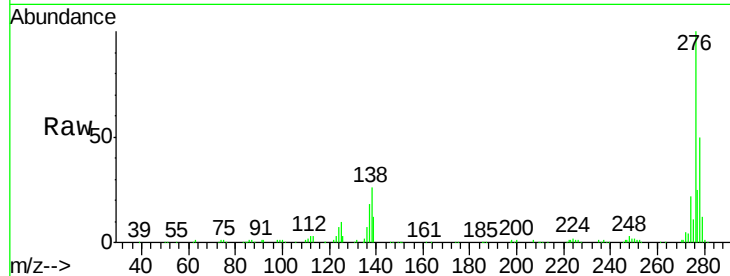
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.94 ng
 RT: 16.55 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	417490		
138	27.4	0.0	0.0	0.0
277	25.2	0.0	0.0	0.0

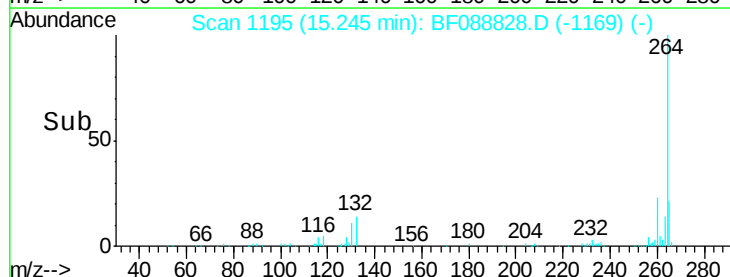
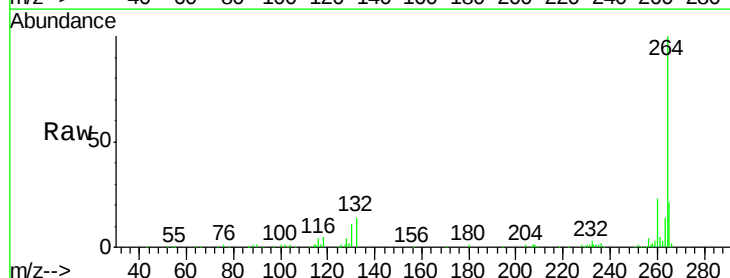
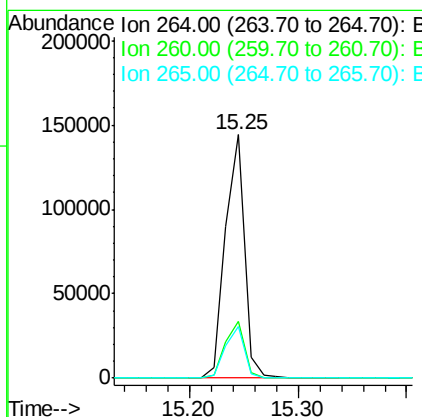
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	175910		
260	23.3	19.2	28.8	
265	21.3	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 47.07 ng m

RT: 14.86 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF088828.D

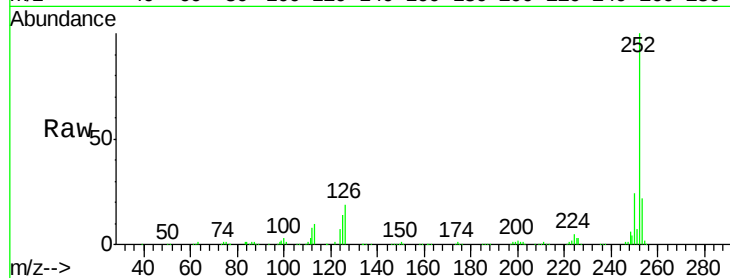
Acq: 8 Jul 2016 16:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:252 Resp: 519436

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

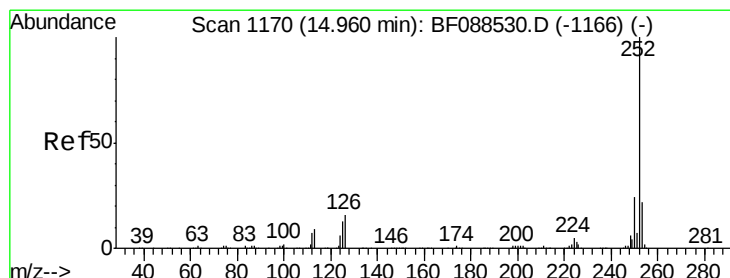
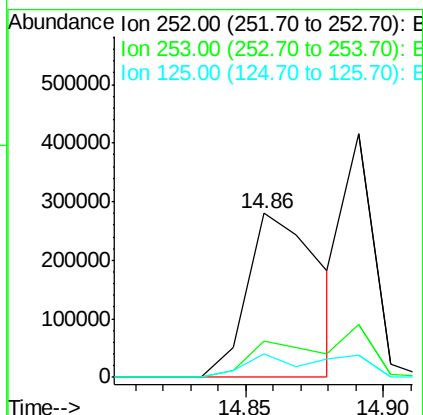
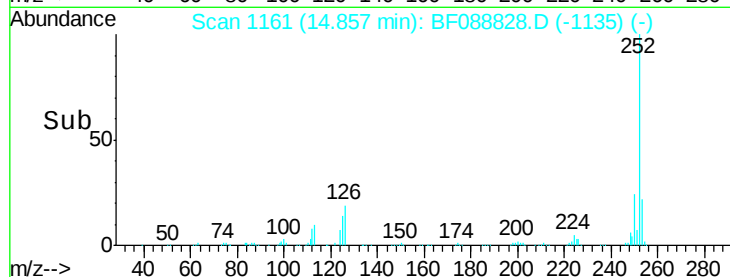
125 14.2 7.1 10.7#

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#88

Benzo(k)fluoranthene

Concen: 32.04 ng m

RT: 14.89 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF088828.D

Acq: 8 Jul 2016 16:27

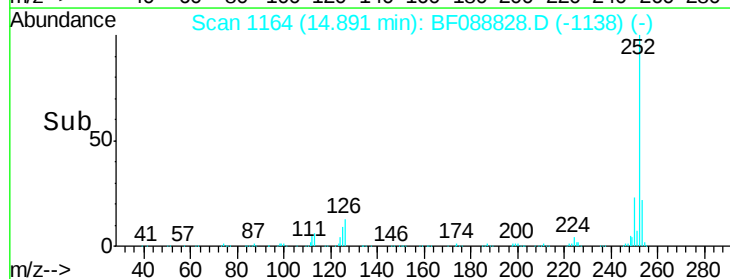
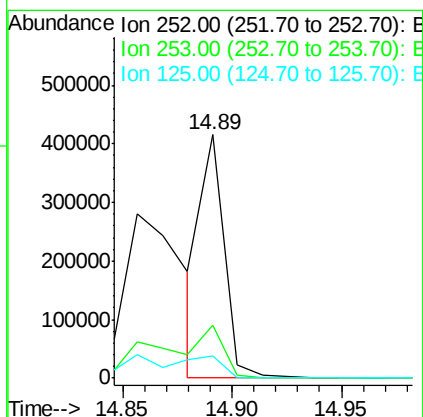
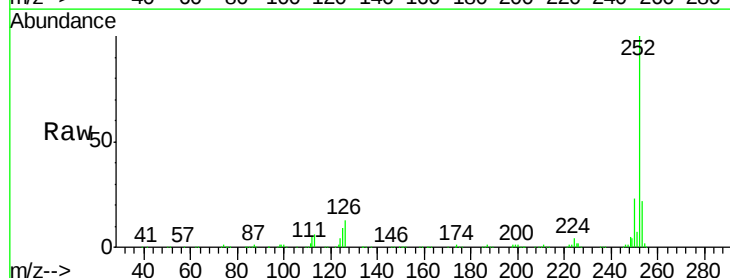
Tgt Ion:252 Resp: 307759

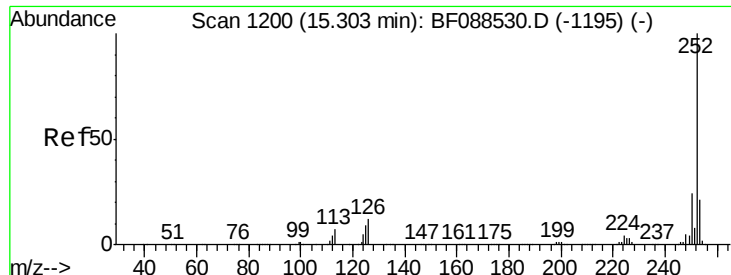
Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 9.0 11.2 16.8#





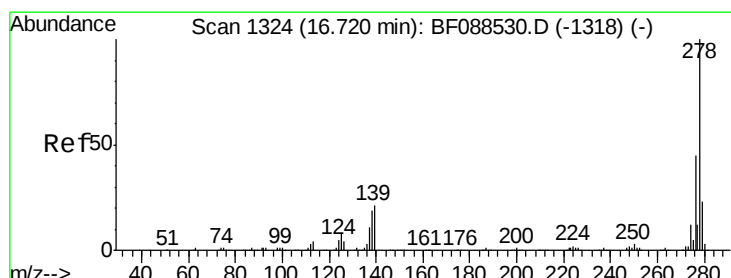
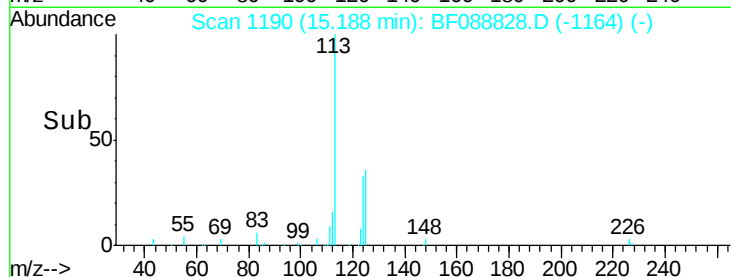
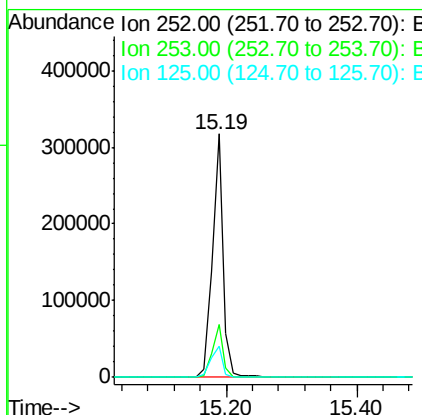
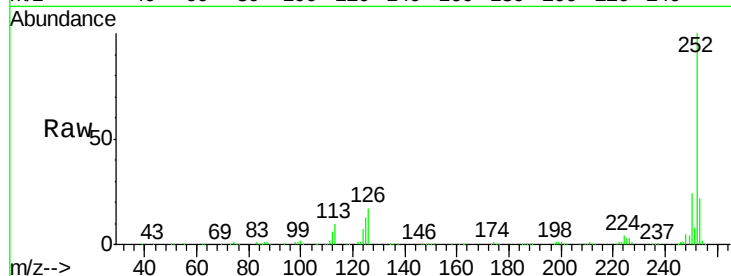
#89
Benzo(a)pyrene
Concen: 39.57 ng
RT: 15.19 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.8	12.5	18.7

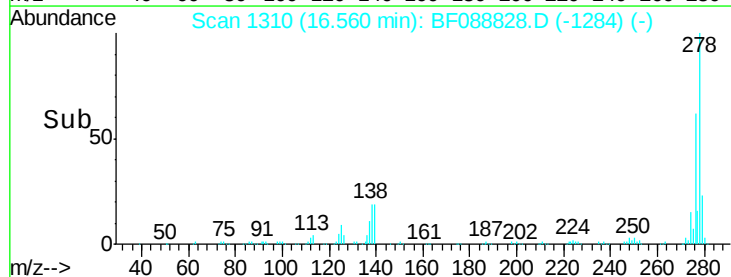
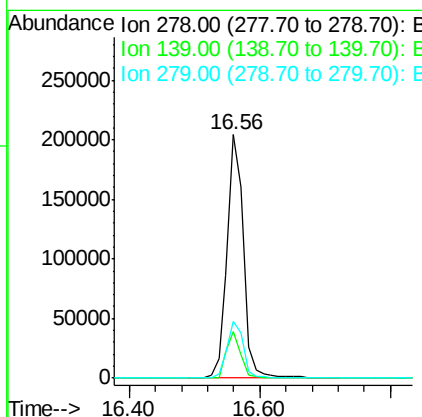
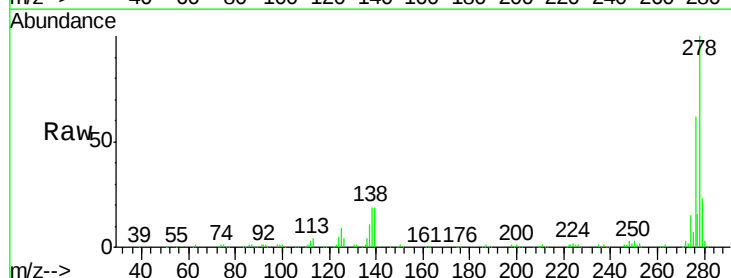
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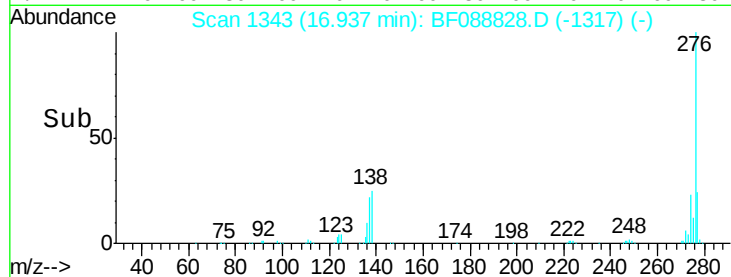
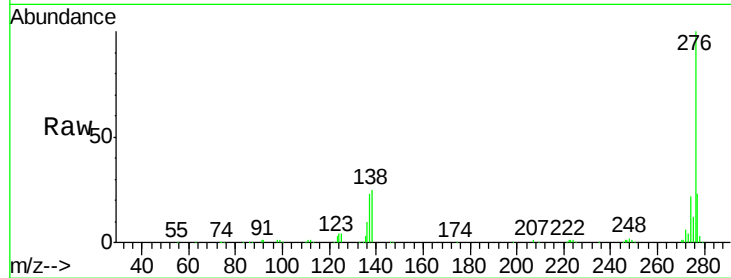
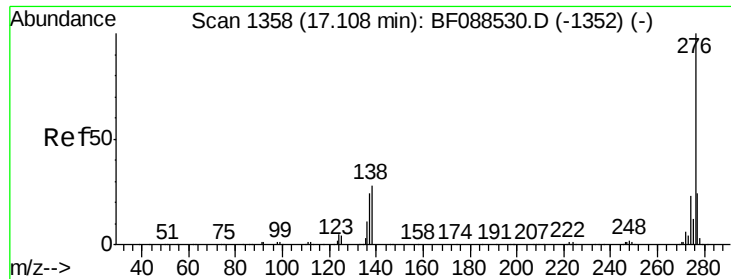
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#90
Dibenzo(a,h)anthracene
Concen: 45.55 ng
RT: 16.56 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF088828.D
Acq: 8 Jul 2016 16:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.7	23.5
279	23.4	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 45.97 ng
 RT: 16.94 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF088828.D
 Acq: 8 Jul 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	23.5	18.9	28.3	
138	24.9	21.4	32.2	

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