

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088530.D
 Acq On : 30 Jun 2016 15:39
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations

APPROVED
 SOHIL
 7/1/2016 8:06:51 AM

Quant Time: Jun 30 16:33:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 16:14:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123418	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	519391	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	229397	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	418104	20.00	ng	0.00
75) Chrysene-d12	13.95	240	286195	20.00	ng	0.00
86) Perylene-d12	15.35	264	265658	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	666137	41.53	ng	0.00
7) Phenol-d6	6.44	99	816242	38.91	ng	0.00
23) Nitrobenzene-d5	7.38	82	750365	37.23	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	177999	43.22	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1049704	34.37	ng	0.00
78) Terphenyl-d14	12.91	244	1004009	38.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	159248	39.27	ng	# 34
3) Pyridine	3.08	79	458060	38.62	ng	96
4) n-Nitrosodimethylamine	3.04	42	175002	38.05	ng	91
6) Aniline	6.48	93	623002	39.79	ng	99
8) 2-Chlorophenol	6.59	128	329899	36.15	ng	94
9) Benzaldehyde	6.35	77	269794	63.26	ng	82
10) Phenol	6.46	94	489218	39.06	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	339973	36.48	ng	# 81
12) 1,3-Dichlorobenzene	6.75	146	355812	37.22	ng	96
13) 1,4-Dichlorobenzene	6.83	146	363086	37.86	ng	97
14) 1,2-Dichlorobenzene	6.99	146	324741	36.29	ng	98
15) Benzyl Alcohol	6.96	79	321584	37.81	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	518168	39.73	ng	95
17) 2-Methylphenol	7.07	107	288393	37.41	ng	98
18) Hexachloroethane	7.34	117	146246	39.53	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	246506	33.90	ng	95
20) 3+4-Methylphenols	7.22	107	323653	35.71	ng	# 85
22) Acetophenone	7.23	105	493515	39.24	ng	# 98
24) Nitrobenzene	7.40	77	380161	36.37	ng	99
25) Isophorone	7.64	82	701211	35.78	ng	97
26) 2-Nitrophenol	7.71	139	151229	35.57	ng	94
27) 2,4-Dimethylphenol	7.76	122	345984	39.86	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	437076	35.90	ng	98
29) 2,4-Dichlorophenol	7.95	162	259306	36.06	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	300829	39.56	ng	99
31) Naphthalene	8.12	128	1026322	40.19	ng	99
32) Benzoic acid	7.87	122	244893	52.37	ng	92
33) 4-Chloroaniline	8.17	127	449250	40.03	ng	98
34) Hexachlorobutadiene	8.25	225	160950	39.93	ng	98
35) Caprolactam	8.54	113	96135	37.79	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	320113	39.27	ng	96
37) 2-Methylnaphthalene	8.81	142	579357	34.21	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	315987	50.10	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	148516	36.52	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	184358	36.74	ng	96
43) 2,4,5-Trichlorophenol	9.12	196	178684	38.56	ng #	81
45) 1,1'-Biphenyl	9.28	154	778426	42.78	ng	99
46) 2-Chloronaphthalene	9.30	162	613870	41.88	ng	99
47) 2-Nitroaniline	9.39	65	235096	47.23	ng	97
48) Acenaphthylene	9.71	152	956278	40.15	ng	99
49) Dimethylphthalate	9.58	163	601807	34.98	ng	99
50) 2,6-Dinitrotoluene	9.63	165	135176	35.66	ng #	46
51) Acenaphthene	9.88	154	556256	37.70	ng	98
52) 3-Nitroaniline	9.80	138	208281	45.88	ng	97
53) 2,4-Dinitrophenol	9.91	184	62553	41.56	ng #	65
54) Dibenzofuran	10.06	168	756787	36.31	ng #	90
55) 4-Nitrophenol	9.95	139	154392	42.08	ng	97
56) 2,4-Dinitrotoluene	10.03	165	180201	36.84	ng #	51
57) Fluorene	10.40	166	611375	40.52	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	138184	36.49	ng #	47
59) Diethylphthalate	10.28	149	655381	37.11	ng	96
60) 4-Chlorophenyl-phenylether	10.39	204	249843	36.47	ng #	87
61) 4-Nitroaniline	10.41	138	163572	37.91	ng	87
62) Azobenzene	10.55	77	714991	33.11	ng	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	98592	51.09	ng #	58
65) n-Nitrosodiphenylamine	10.51	169	587540	40.96	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	164693	38.44	ng #	85
67) Hexachlorobenzene	10.95	284	186926	40.96	ng #	73
68) Atrazine	11.04	200	183986	41.29	ng	93
69) Pentachlorophenol	11.13	266	116938	42.74	ng	97
70) Phenanthrene	11.35	178	866753	36.45	ng	100
71) Anthracene	11.41	178	911560	39.04	ng	100
72) Carbazole	11.55	167	769299	34.49	ng	99
73) Di-n-butylphthalate	11.90	149	943456	36.24	ng	99
74) Fluoranthene	12.54	202	972329	42.20	ng	99
76) Benzidine	12.66	184	594535	64.00	ng	100
77) Pyrene	12.77	202	1022682	41.73	ng	99
79) Butylbenzylphthalate	13.39	149	429294	39.32	ng	99
80) Benzo(a)anthracene	13.94	228	739826	38.86	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	266927	42.15	ng #	94
82) Chrysene	13.98	228	719744	38.52	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	521148	41.08	ng	99
84) Di-n-octyl phthalate	14.56	149	879279	41.88	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	534858	36.26	ng #	100
87) Benzo(b)fluoranthene	14.96	252	632015	38.62	ng #	97
88) Benzo(k)fluoranthene	14.98	252	578867m	38.26	ng	
89) Benzo(a)pyrene	15.30	252	566299	38.11	ng #	93
90) Dibenzo(a,h)anthracene	16.72	278	461171	37.95	ng	98
91) Benzo(g,h,i)perylene	17.11	276	477433	37.82	ng	98

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

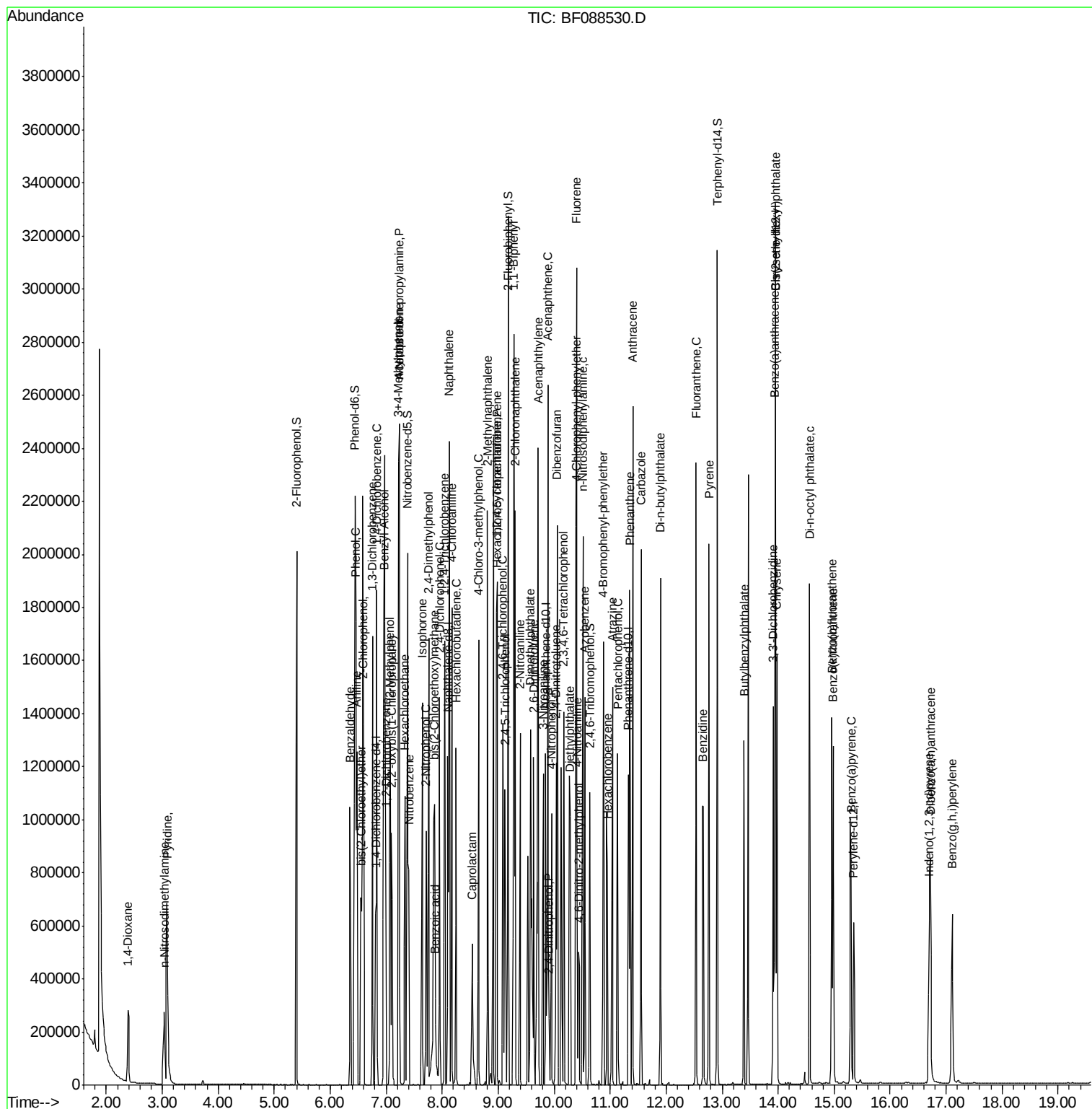
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Operator  : UM/SJ  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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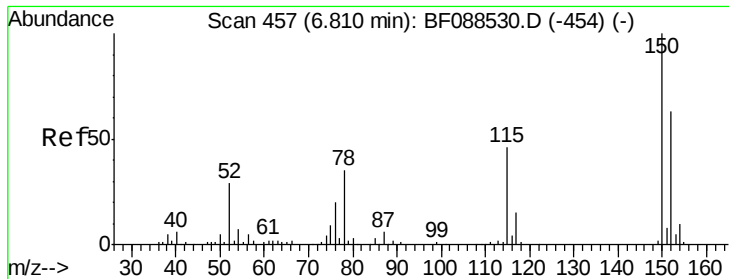
Instrument :
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#1

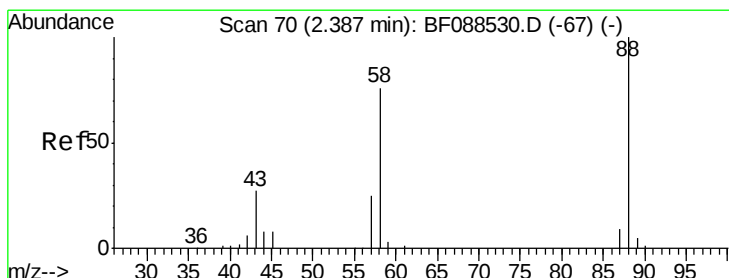
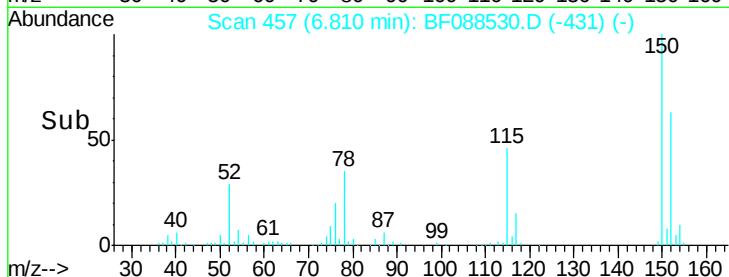
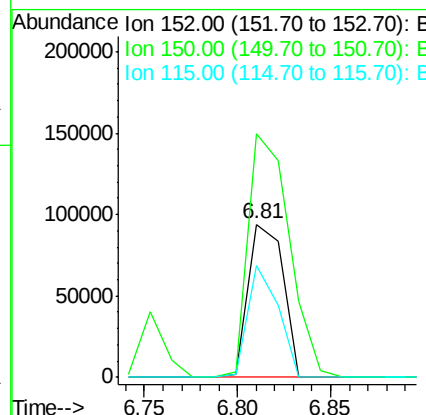
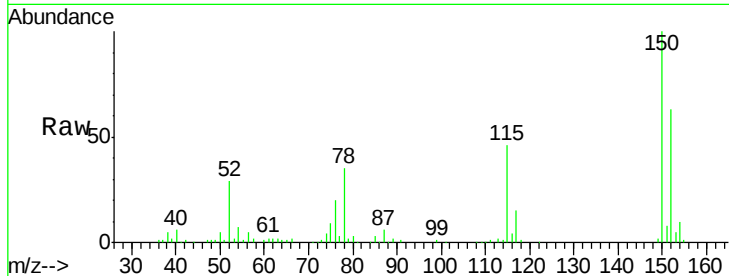
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.8	185.6
115	72.9	39.6	59.4

Manual Integrations

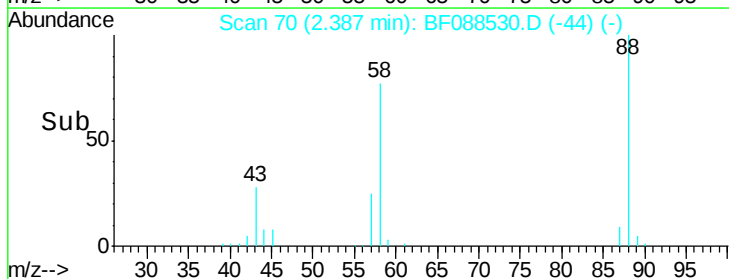
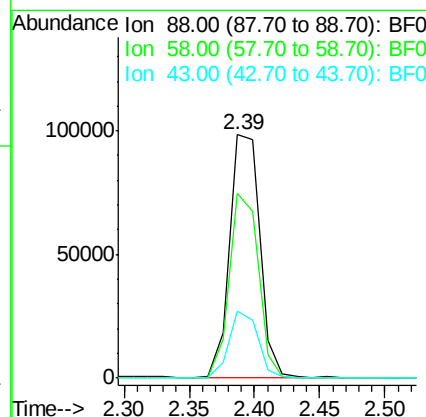
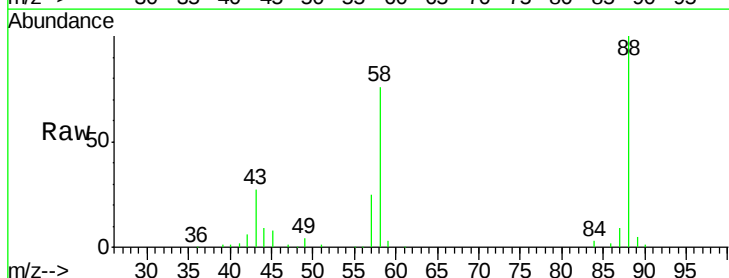
SOHIL
7/1/2016 8:06:51 AM



#2

1,4-Dioxane
Concen: 39.27 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	0.0	0.0
43	26.0	3.4	5.2





#3

Pyridine

Concen: 38.62 ng

RT: 3.08 min Scan# 131

Delta R.T. 0.00 min

Lab File: BF088530.D

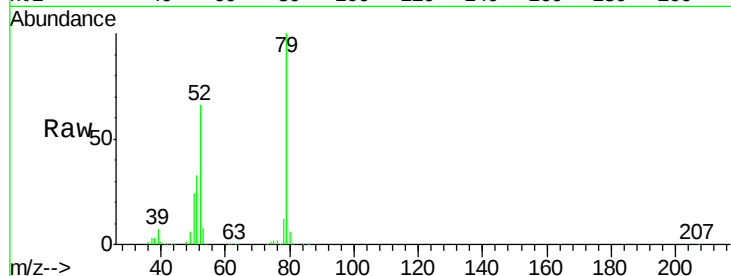
Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion: 79 Resp: 458060

Ion Ratio Lower Upper

79 100

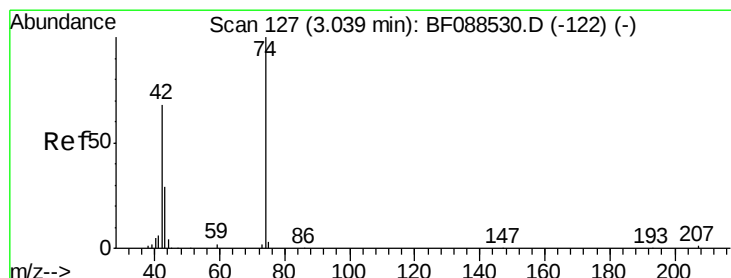
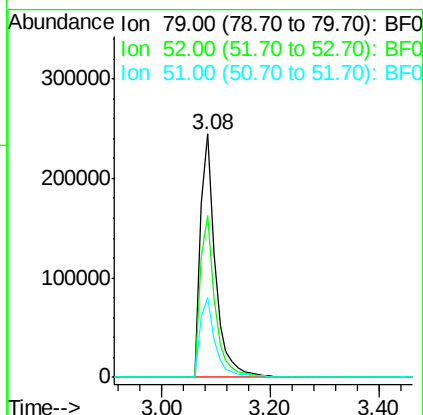
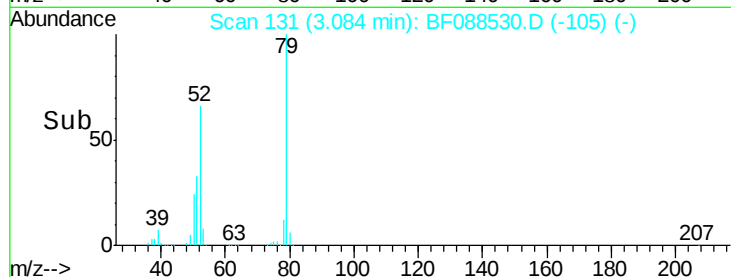
52 66.4 56.3 84.5

51 32.9 27.4 41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.05 ng

RT: 3.04 min Scan# 127

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

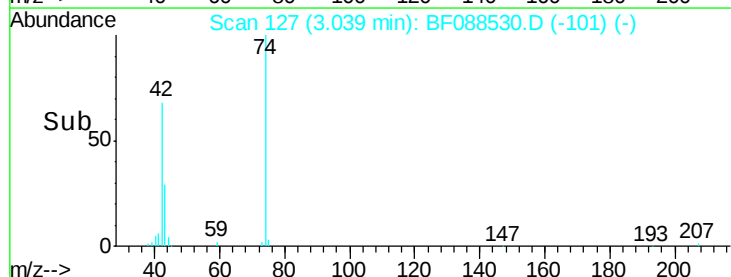
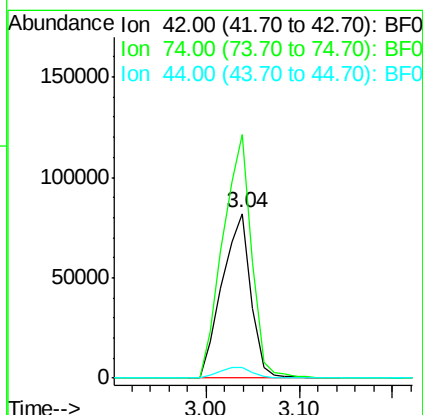
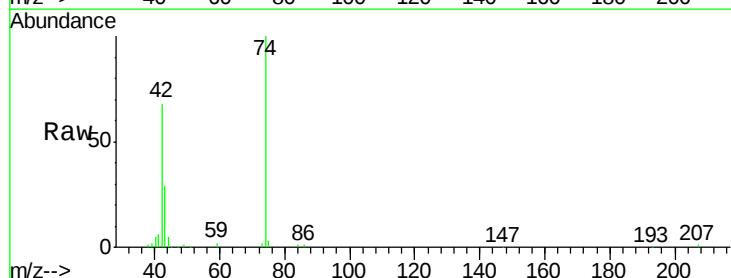
Tgt Ion: 42 Resp: 175002

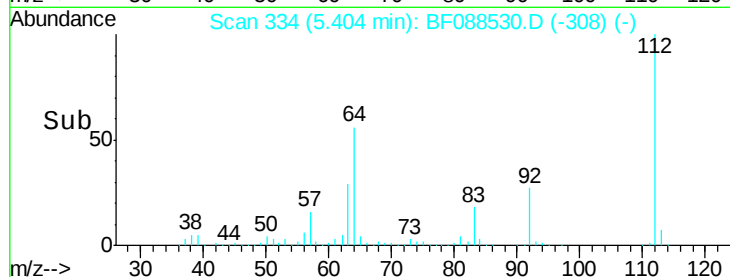
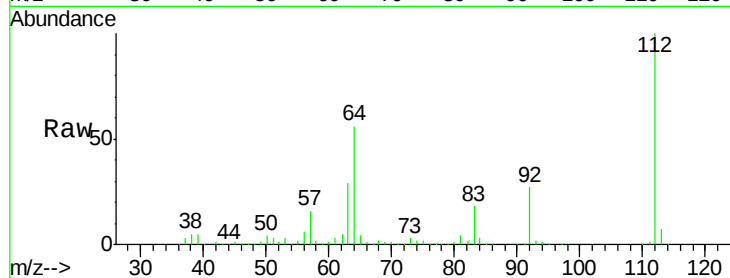
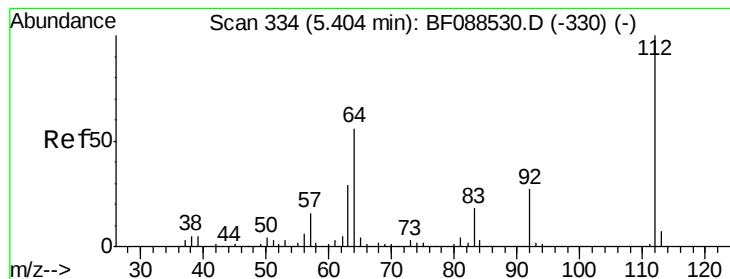
Ion Ratio Lower Upper

42 100

74 147.7 108.6 163.0

44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 41.53 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Tgt Ion:	112	Resp:	666137
Ion Ratio	Lower	Upper	
112	100		
64	56.2	42.2	63.2
63	28.7	21.8	32.8

Instrument :

BNA_F

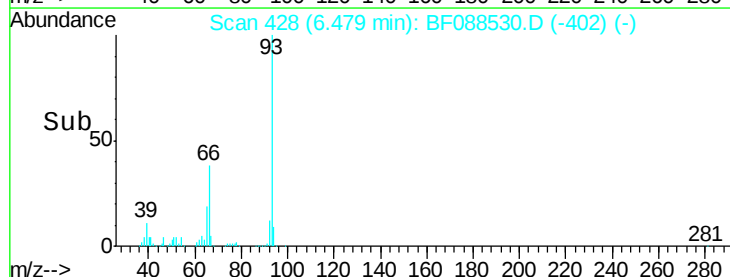
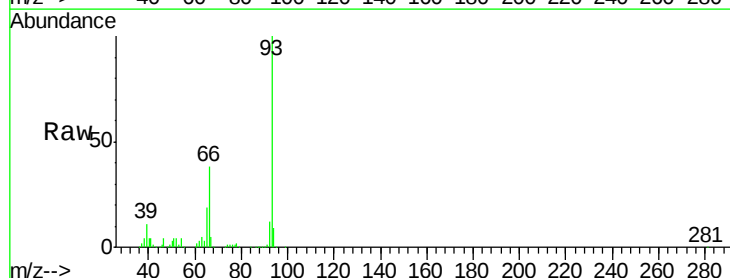
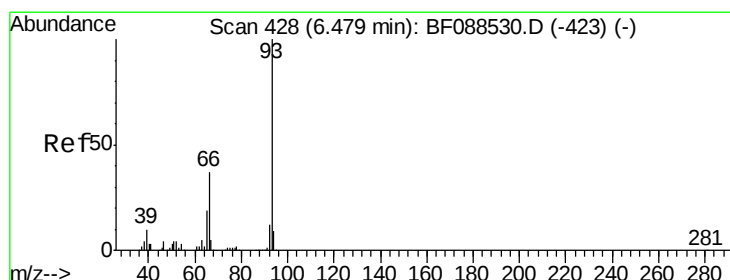
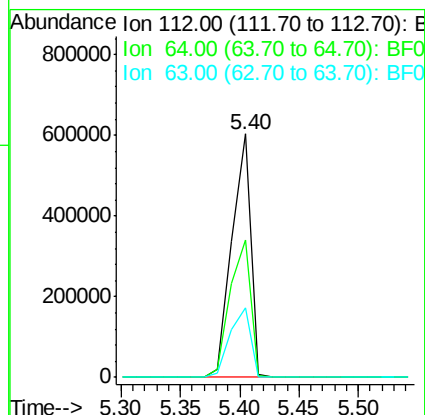
ClientSampleId :

SSTDICCC040

Manual Integrations

SOHIL

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#6

Aniline

Concen: 39.79 ng

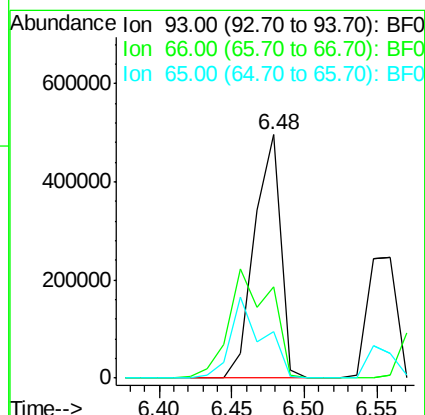
RT: 6.48 min Scan# 428

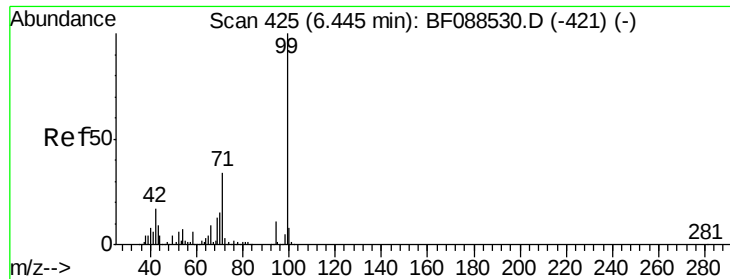
Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Tgt Ion:	93	Resp:	623002
Ion Ratio	Lower	Upper	
93	100		
66	37.6	29.8	44.8
65	18.9	14.9	22.3





#7

Phenol-d6

Concen: 38.91 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088530.D

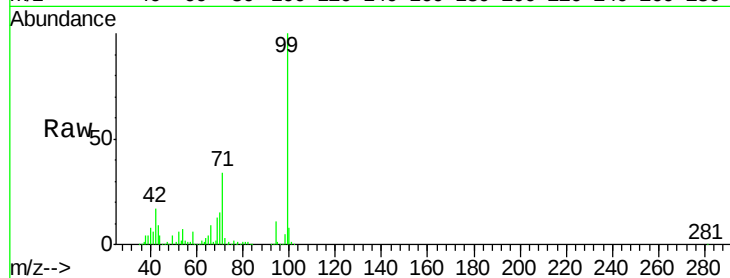
Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

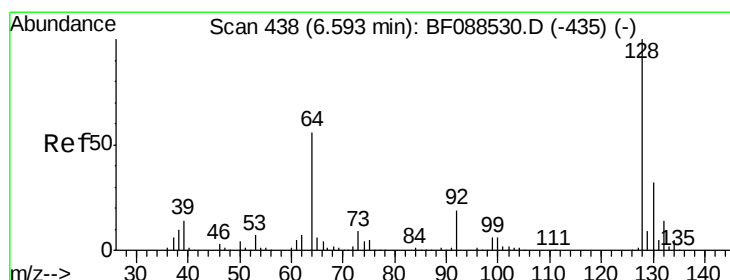
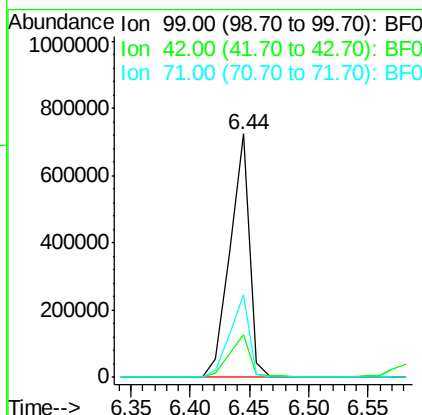
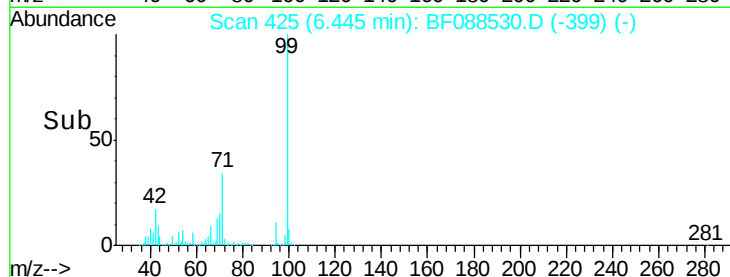


Tgt Ion:	99	Resp:	816242
Ion Ratio	Lower	Upper	
99	100		
42	17.4	12.2	18.2
71	33.8	23.4	35.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.15 ng

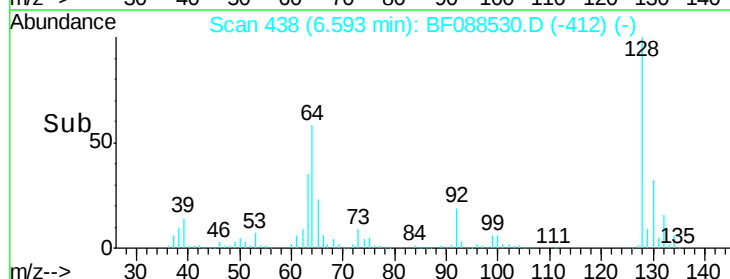
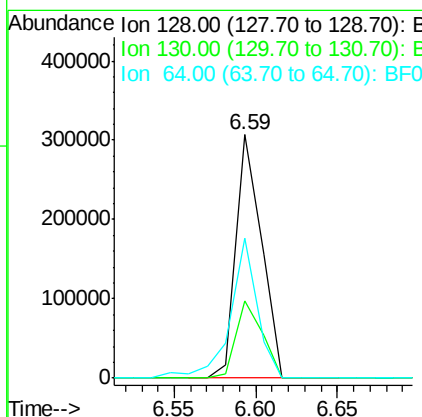
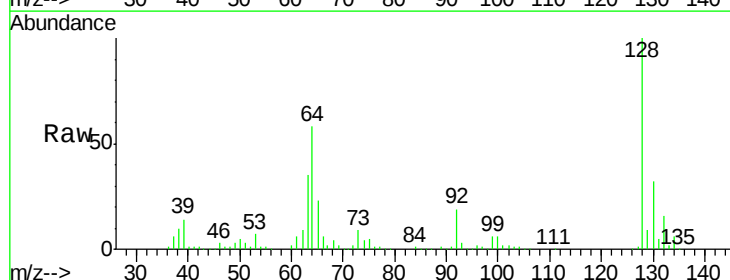
RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Tgt Ion:	128	Resp:	329899
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.0	52.0
64	57.6	30.8	70.8





#9

Benzaldehyde

Concen: 63.26 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088530.D

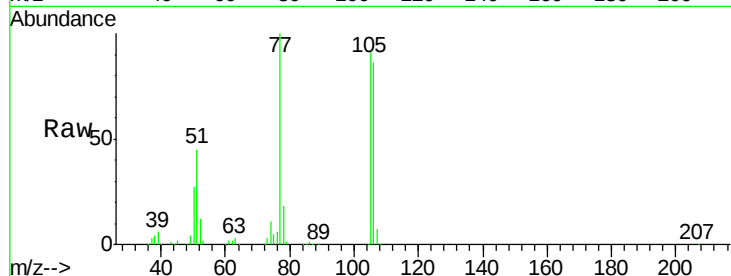
Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

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SSTDICCC040

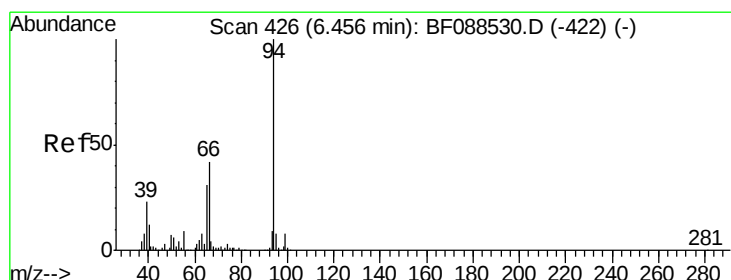
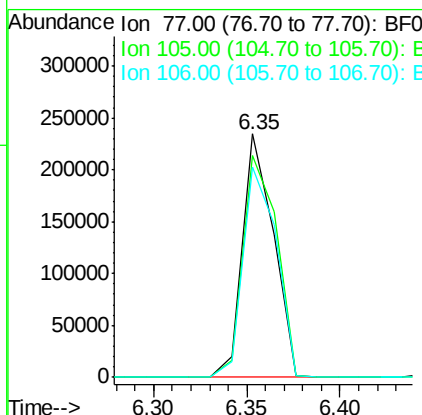
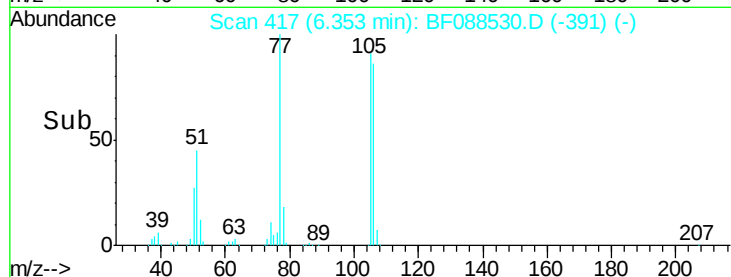


Tgt Ion:	77	Resp:	269794
Ion Ratio	Lower	Upper	
77	100		
105	91.3	90.6	130.6
106	86.5	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 39.06 ng

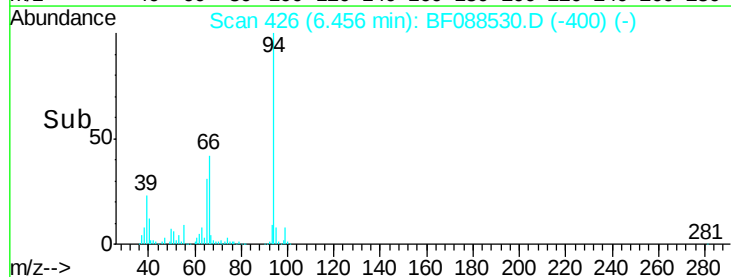
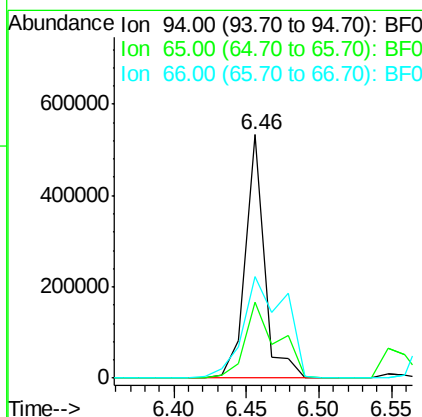
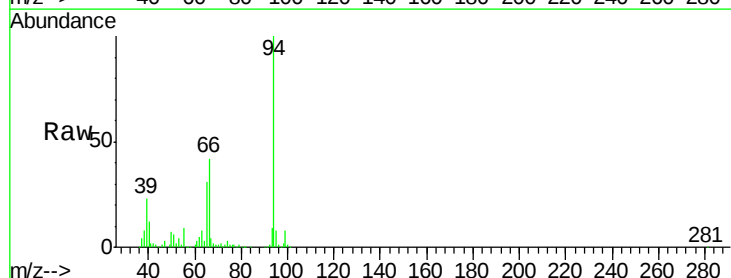
RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Tgt Ion:	94	Resp:	489218
Ion Ratio	Lower	Upper	
94	100		
65	31.2	5.9	45.9
66	41.9	14.0	54.0





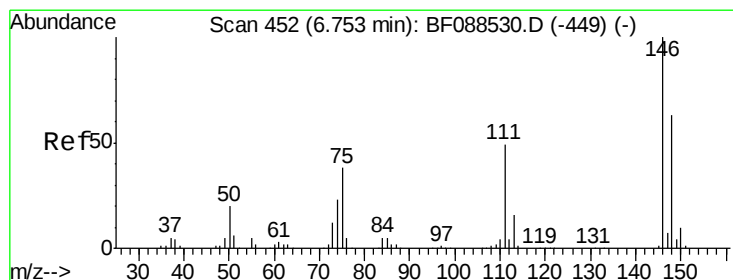
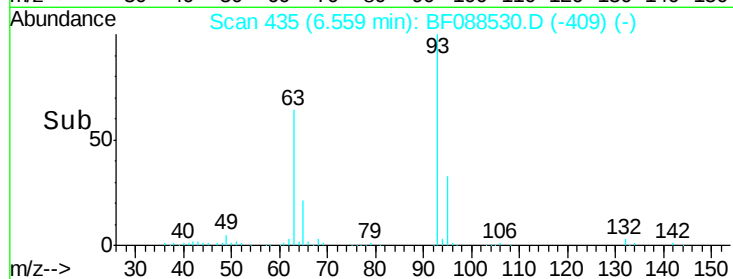
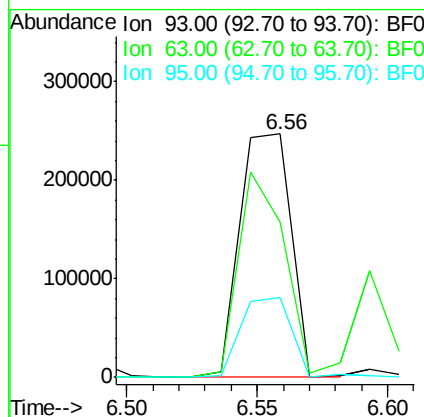
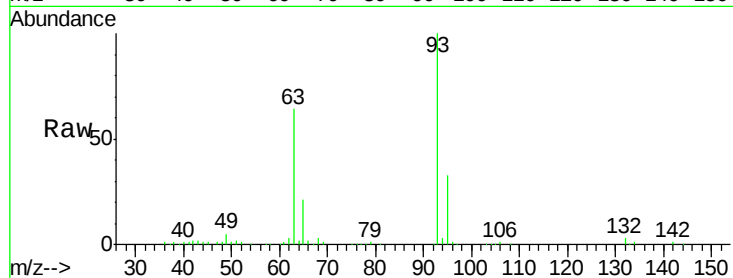
#11
bis(2-Chloroethyl)ether
Concen: 36.48 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 339973
Ion Ratio Lower Upper
93 100
63 63.8 67.6 107.6#
95 32.8 12.5 52.5

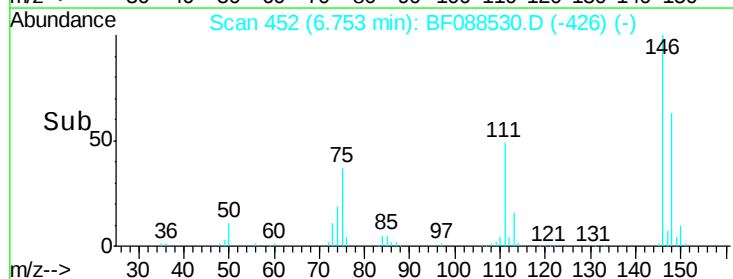
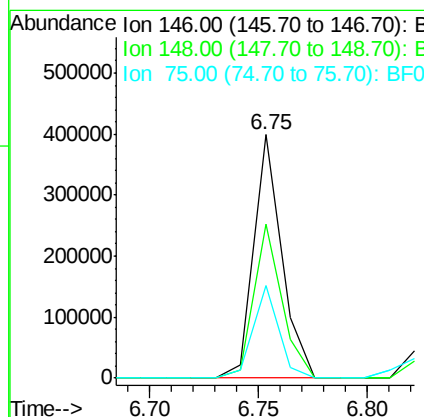
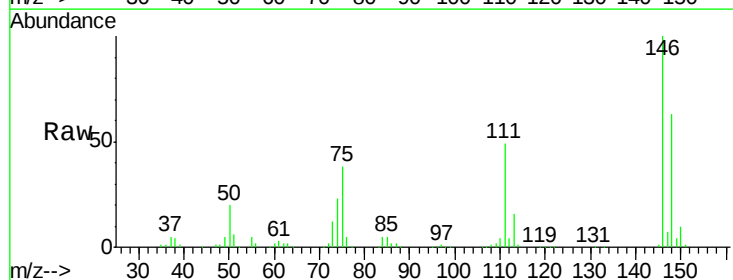
Manual Integrations

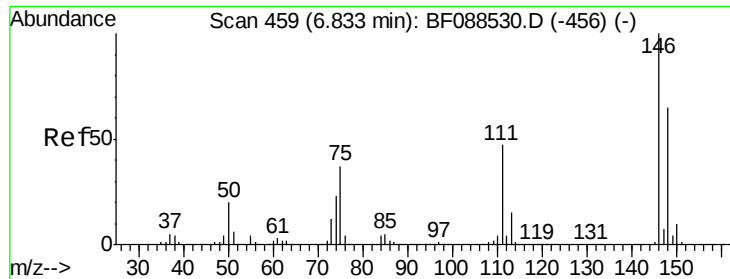
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#12
1,3-Dichlorobenzene
Concen: 37.22 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion: 146 Resp: 355812
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 38.1 25.6 38.4





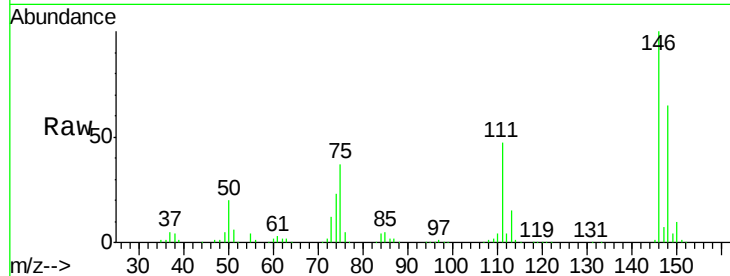
#13
 1,4-Dichlorobenzene
 Concen: 37.86 ng
 RT: 6.83 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

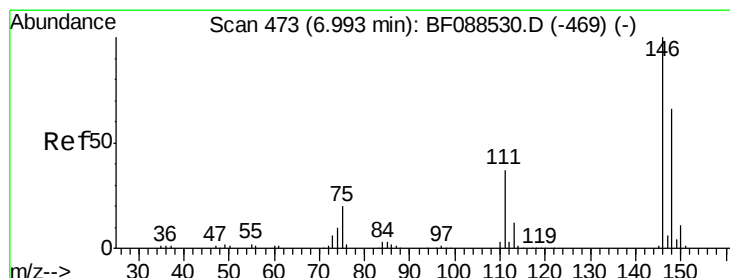
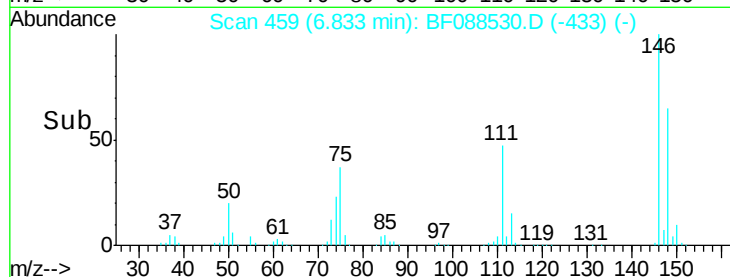
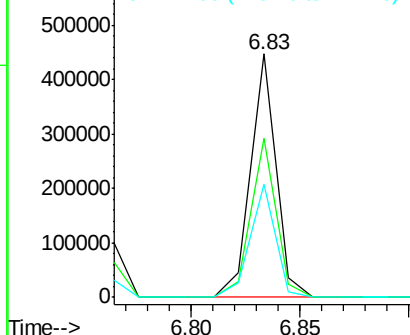
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.0	78.0
111	46.6	33.8	50.8

Manual Integrations

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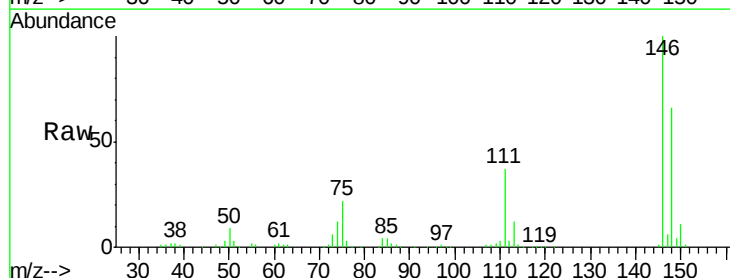


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

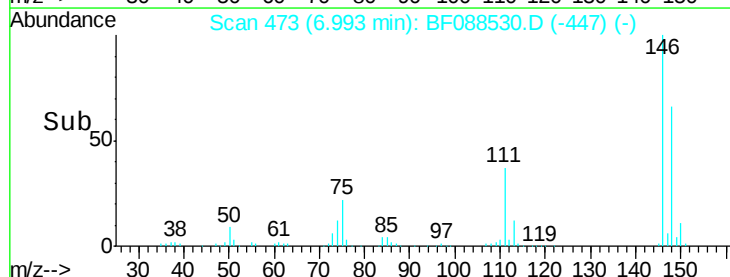
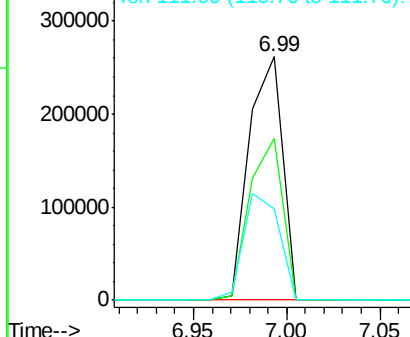


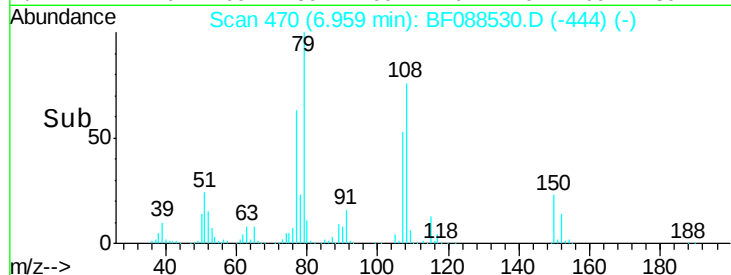
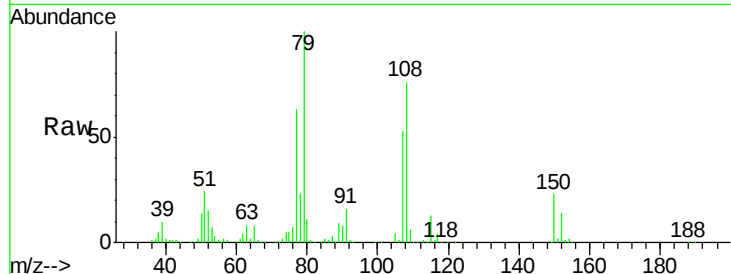
#14
 1,2-Dichlorobenzene
 Concen: 36.29 ng
 RT: 6.99 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.3	78.5
111	37.3	28.7	43.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.81 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Tgt Ion:	79	Resp:	321584
Ion	Ratio	Lower	Upper
79	100		
108	76.2	65.0	97.6
77	62.9	50.3	75.5

Instrument :

BNA_F

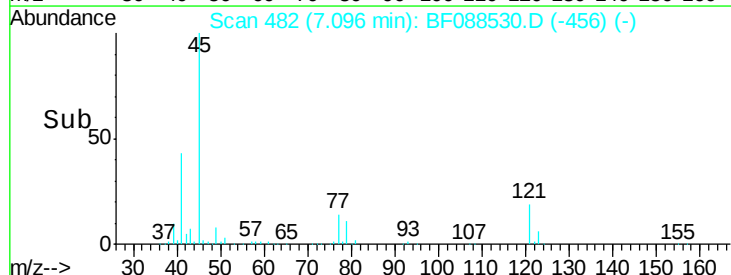
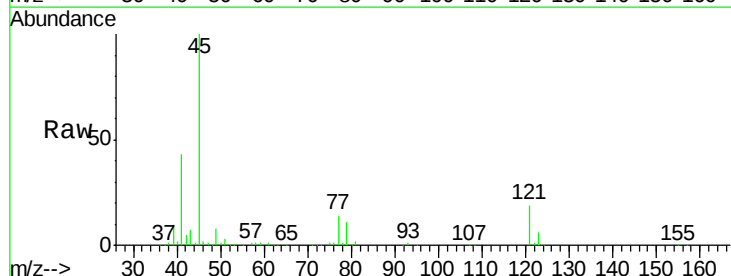
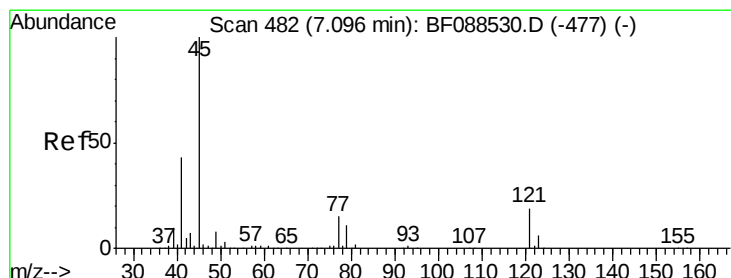
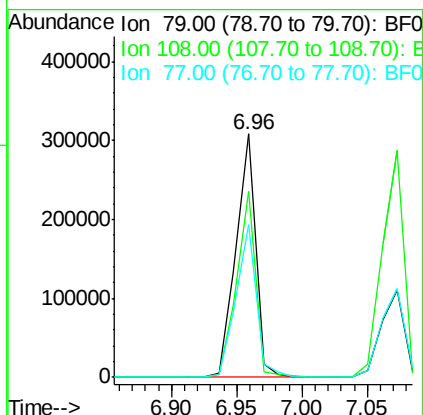
ClientSampleId :

SSTDICCC040

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.73 ng

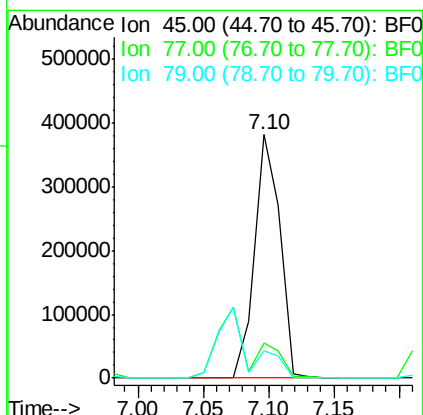
RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

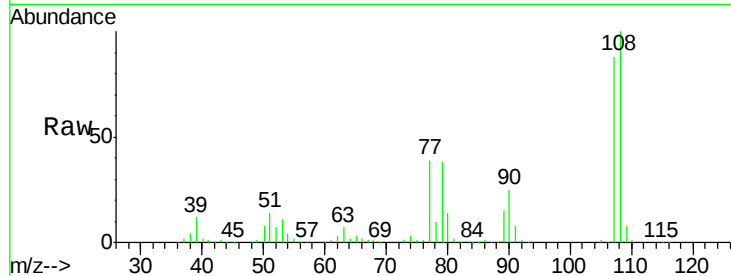
Tgt Ion:	45	Resp:	518168
Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	32.5
79	11.0	0.0	29.5





#17
2-Methylphenol
Concen: 37.41 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

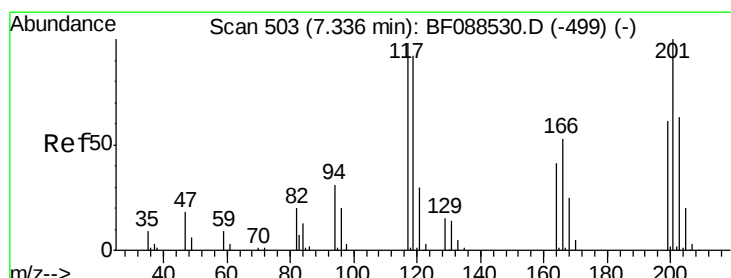
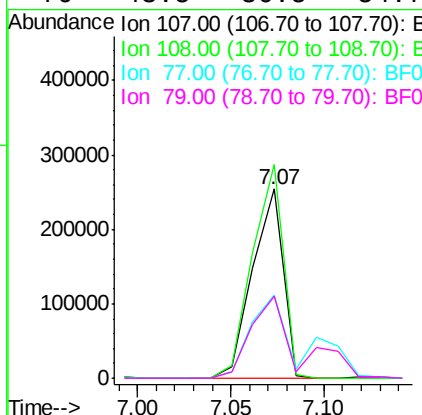
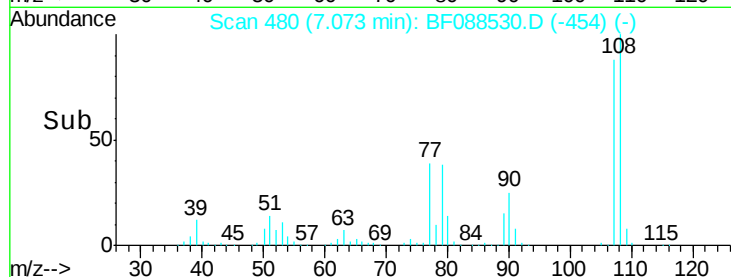
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion	Resp	Lower	Upper
107	100		
108	113.1	90.9	136.3
77	44.1	36.6	55.0
79	43.5	36.5	54.7

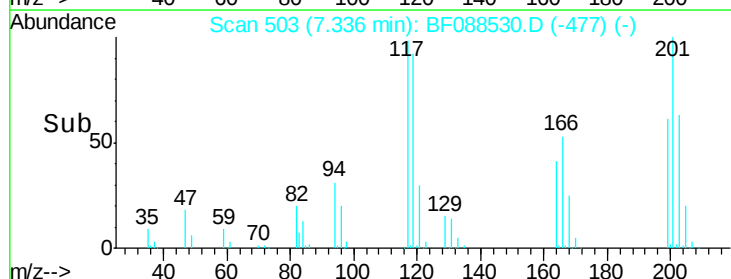
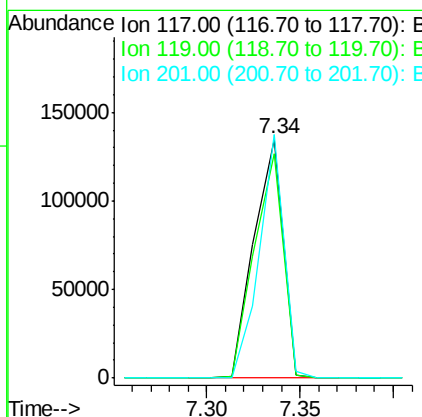
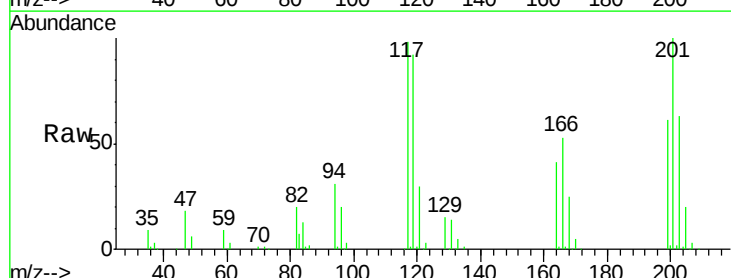
Manual Integrations

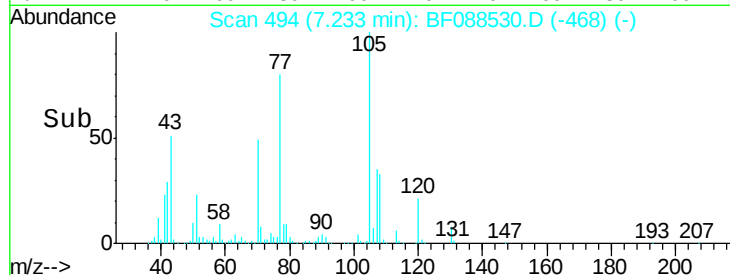
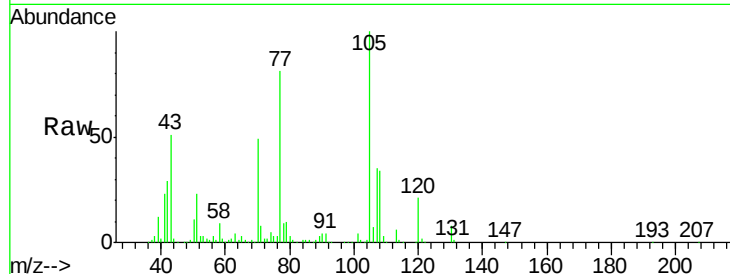
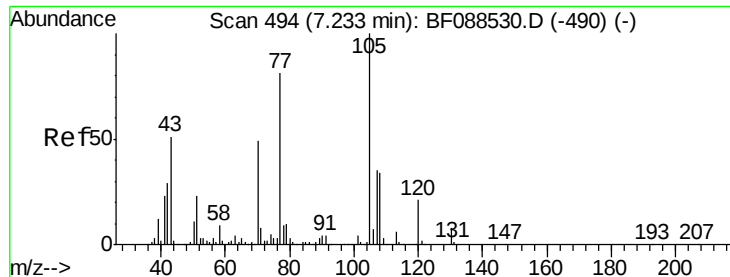
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#18
Hexachloroethane
Concen: 39.53 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Resp	Lower	Upper
117	100		
119	94.1	77.4	116.2
201	101.9	80.4	120.6

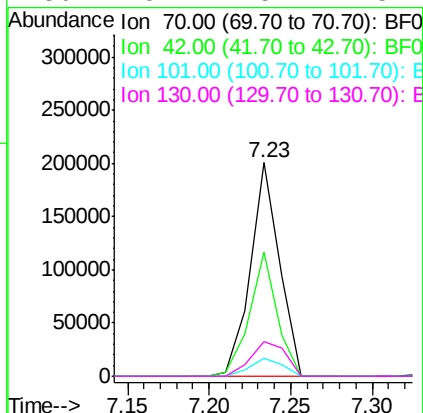




#19
n-Nitroso-di-n-propylamine
Concen: 33.90 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

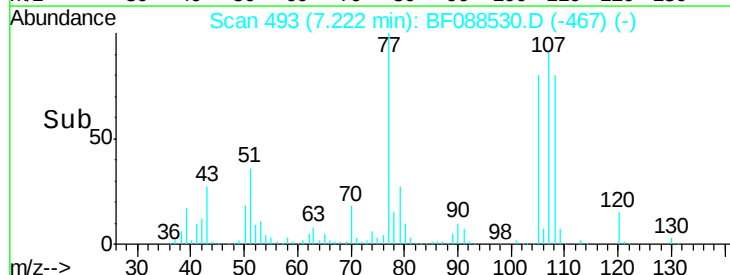
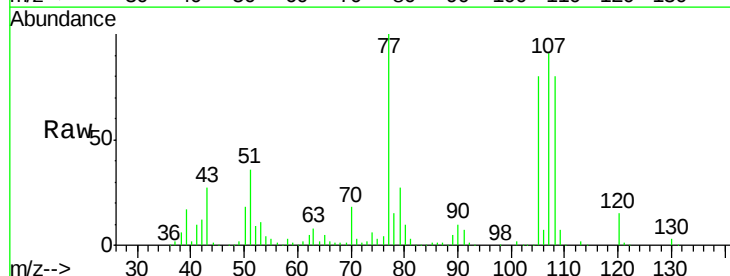
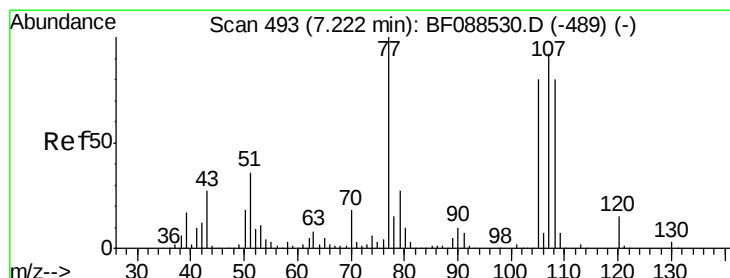
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.9	49.6	74.4
101	8.6	7.1	10.7
130	16.1	15.4	23.2



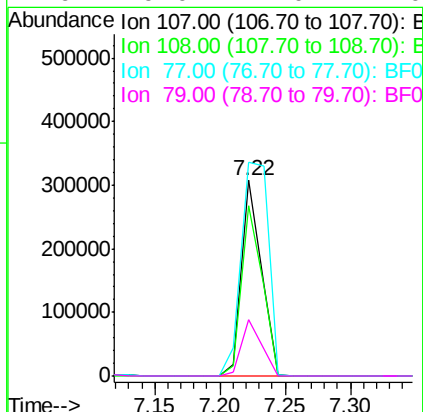
Manual Integrations

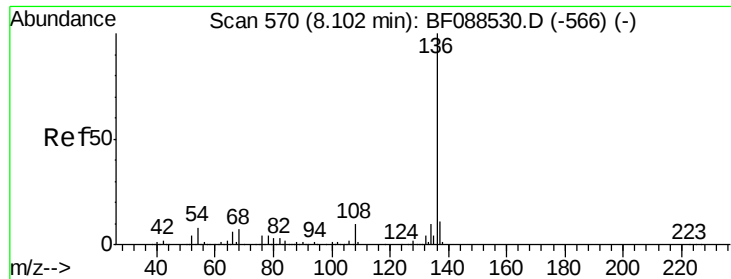
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#20
3+4-Methylphenols
Concen: 35.71 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.8	107.8
77	109.3	59.3	99.3#
79	29.0	7.0	47.0





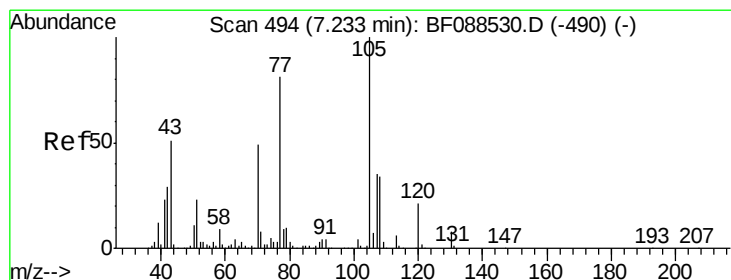
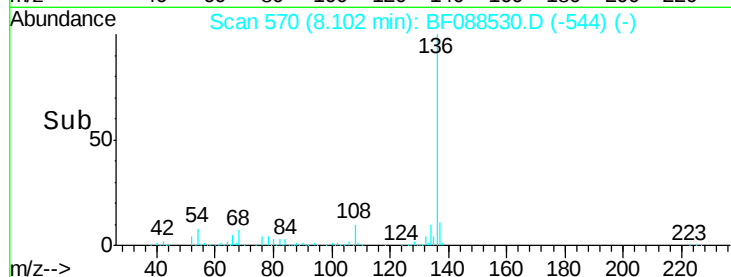
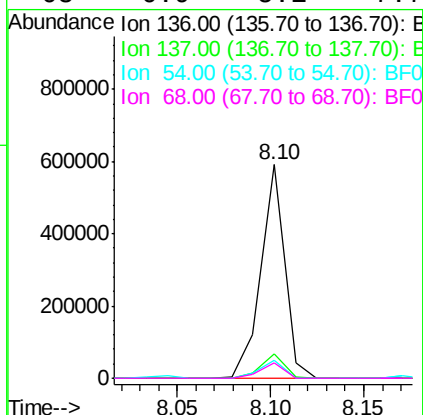
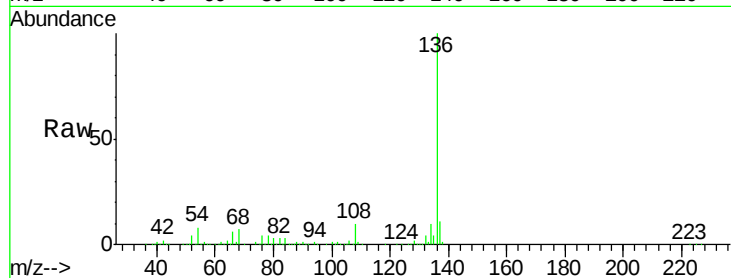
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	519391		
137	11.1	9.1	13.7	
54	8.3	6.6	10.0	
68	6.9	5.1	7.7	

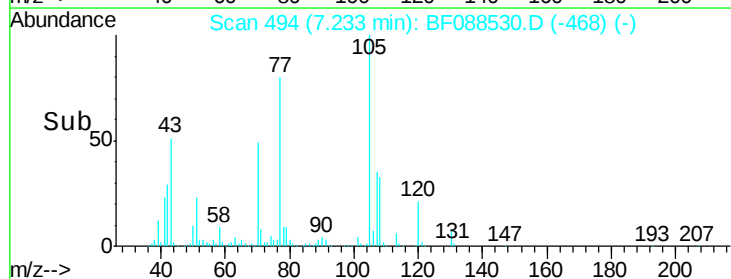
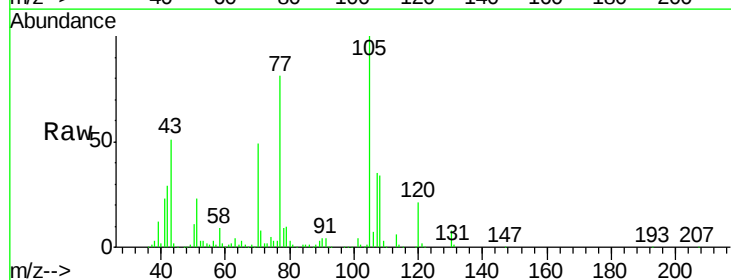
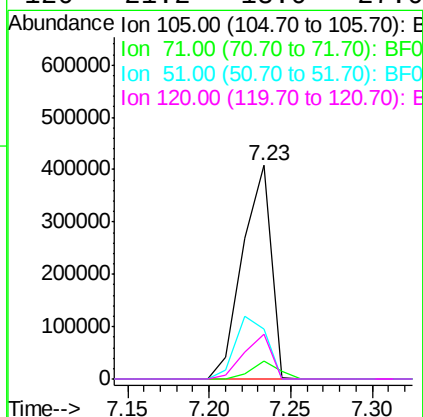
Manual Integrations

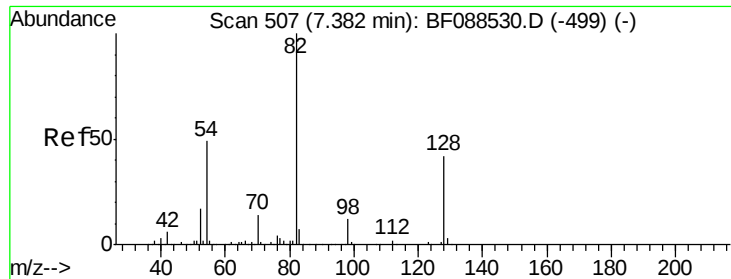
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#22
Acetophenone
Concen: 39.24 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	493515		
71	8.2	5.3	7.9#	
51	23.1	18.2	27.4	
120	21.2	18.0	27.0	





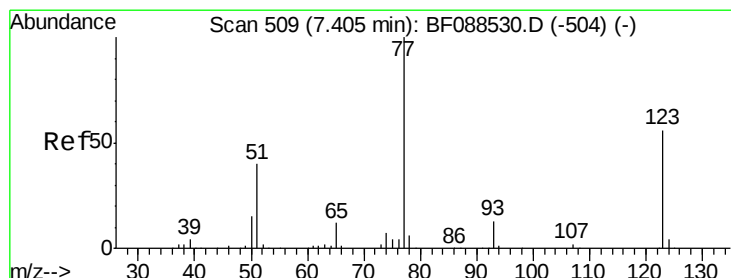
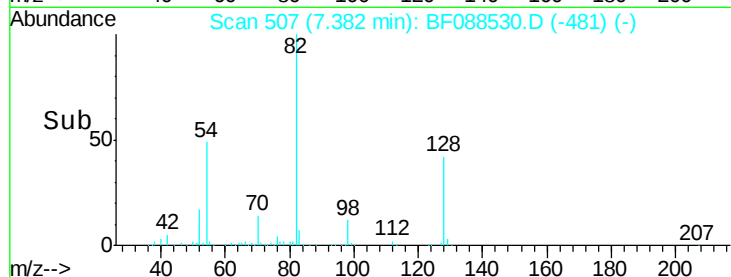
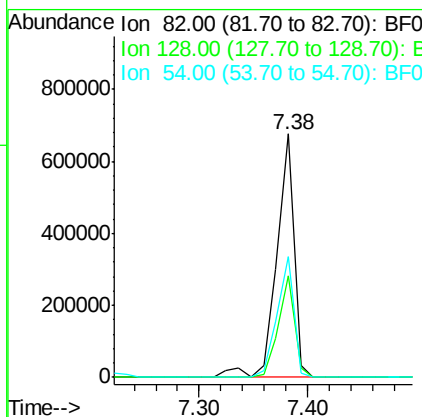
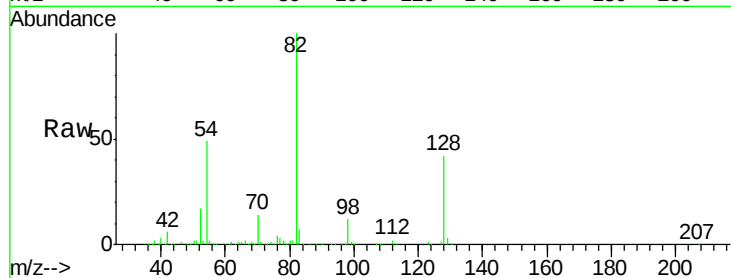
#23
 Nitrobenzene-d5
 Concen: 37.23 ng
 RT: 7.38 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.9	53.9
54	49.4	40.9	61.3

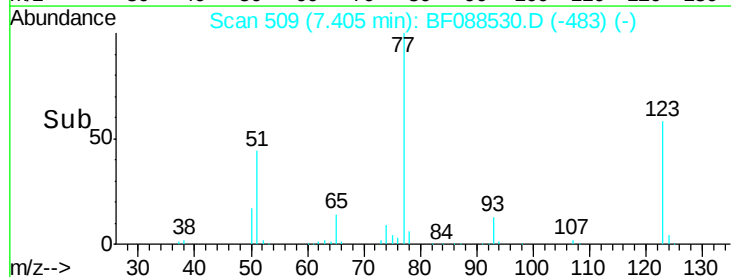
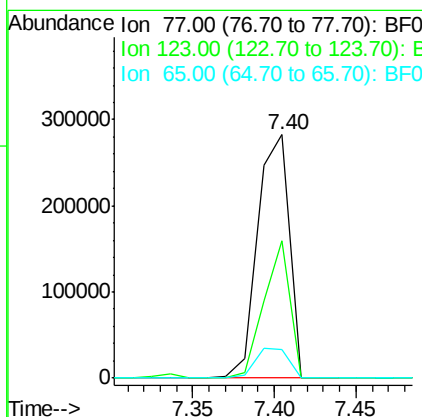
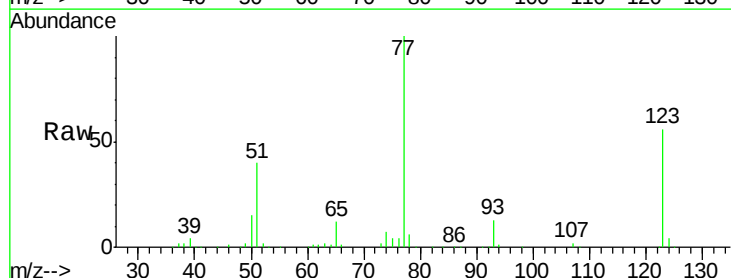
Manual Integrations

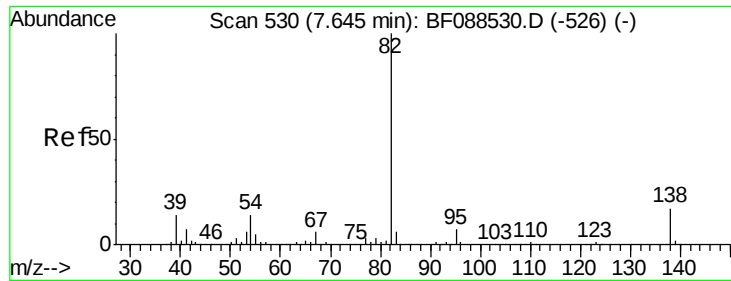
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#24
 Nitrobenzene
 Concen: 36.37 ng
 RT: 7.40 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.3	45.0	67.4
65	11.5	10.2	15.2





#25

Isophorone

Concen: 35.78 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

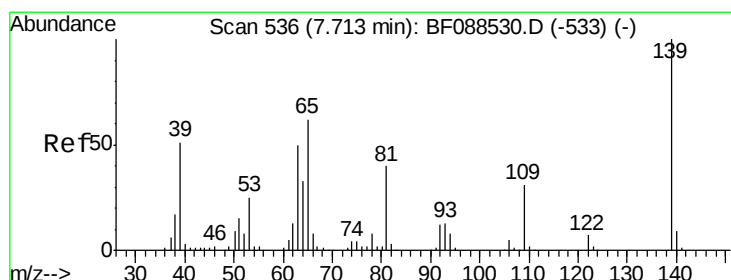
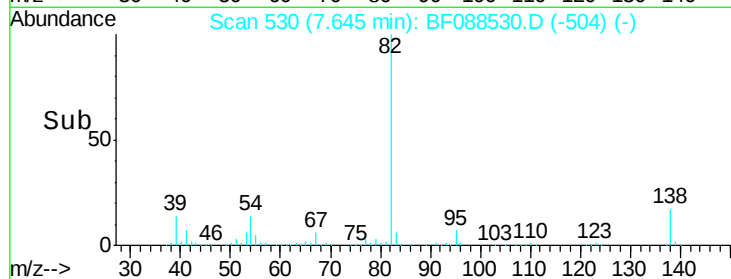
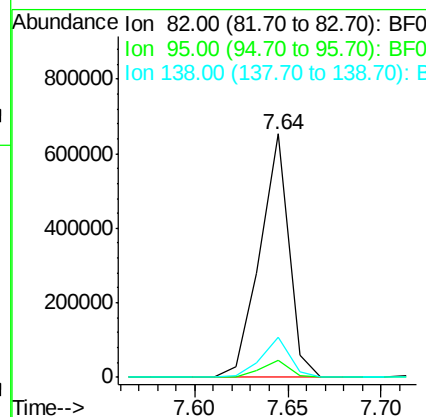
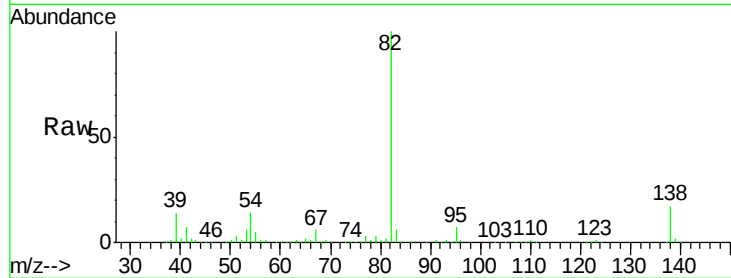
SSTDICCC040

Tgt Ion:	82	Resp:	701211
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	16.7	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 35.57 ng

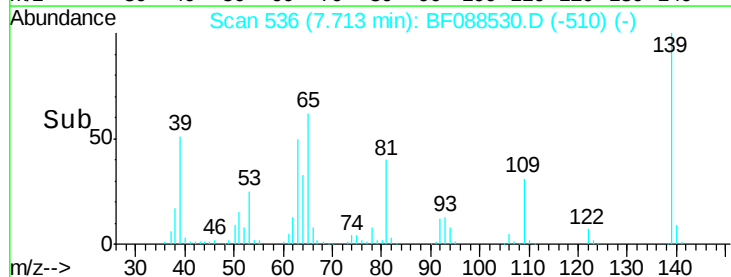
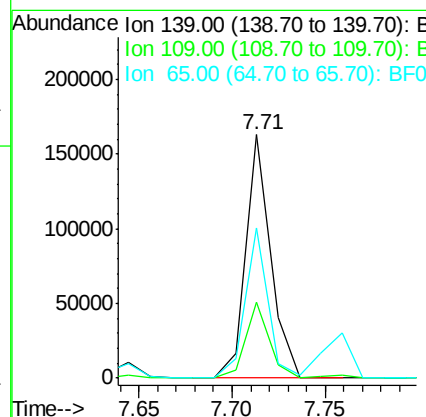
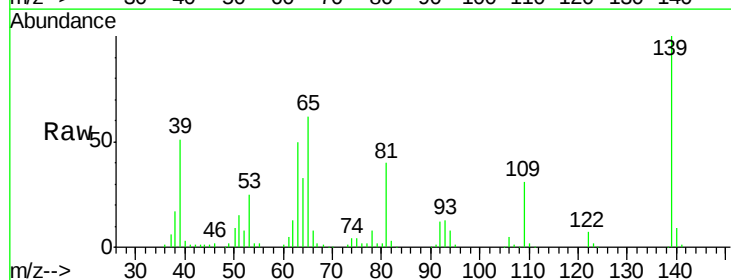
RT: 7.71 min Scan# 536

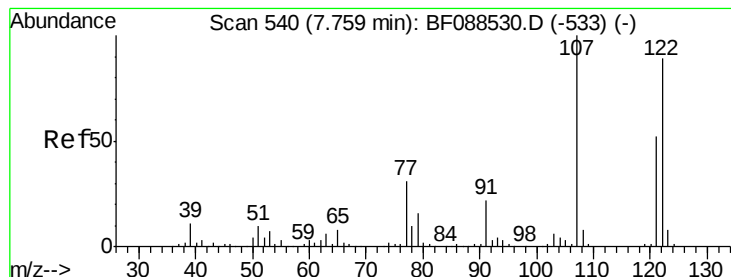
Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

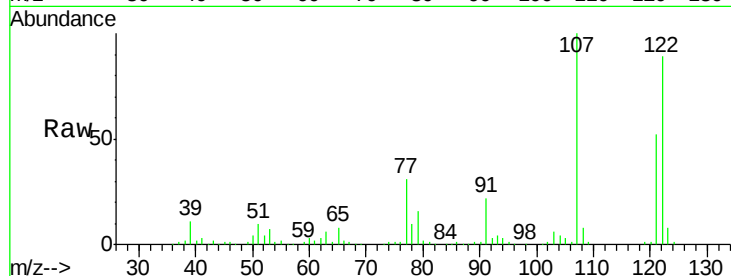
Tgt Ion:	139	Resp:	151229
Ion Ratio	Lower	Upper	
139	100		
109	31.3	23.0	34.4
65	61.9	45.8	68.8





#27
 2,4-Dimethylphenol
 Concen: 39.86 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

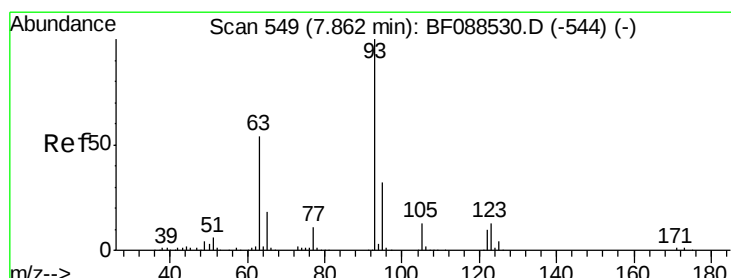
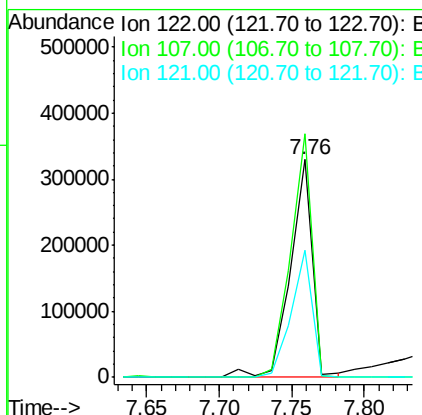
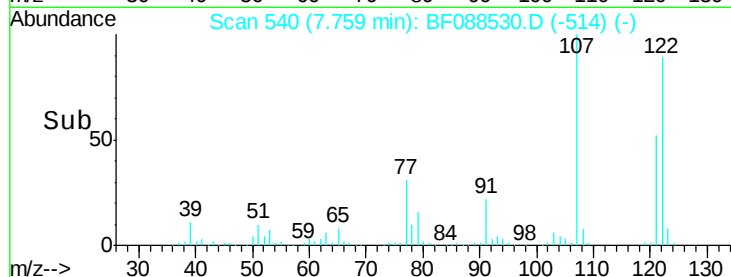
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.9	82.4	123.6
121	58.4	46.3	69.5

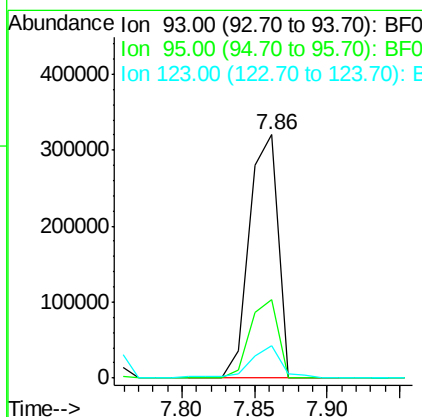
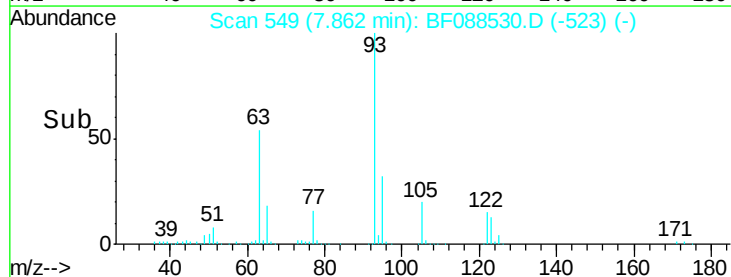
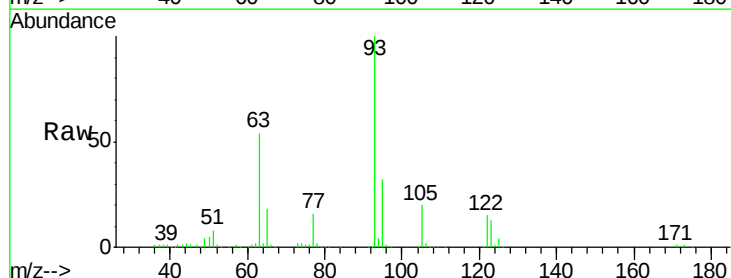
Manual Integrations

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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.90 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	13.1	11.6	17.4





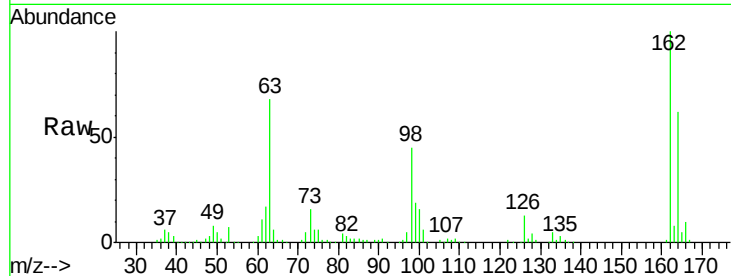
#29
2,4-Dichlorophenol
Concen: 36.06 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

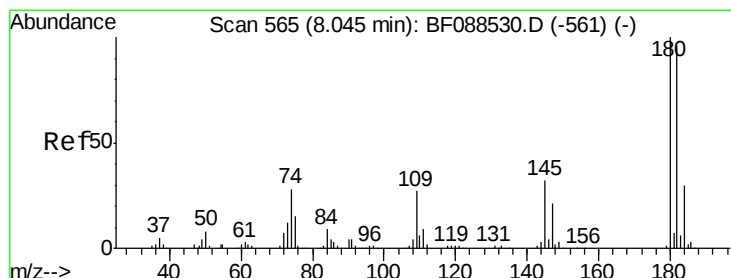
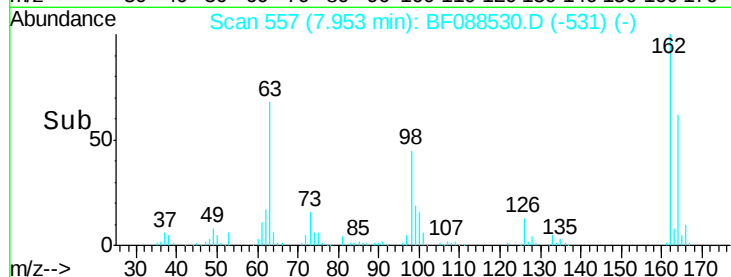
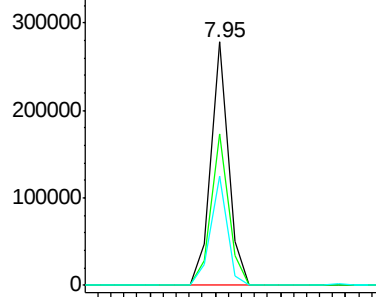
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	259306		
164	62.4	43.8	83.8	
98	44.6	21.3	61.3	

Manual Integrations

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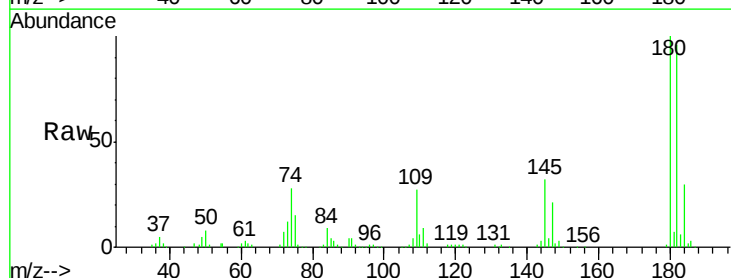


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

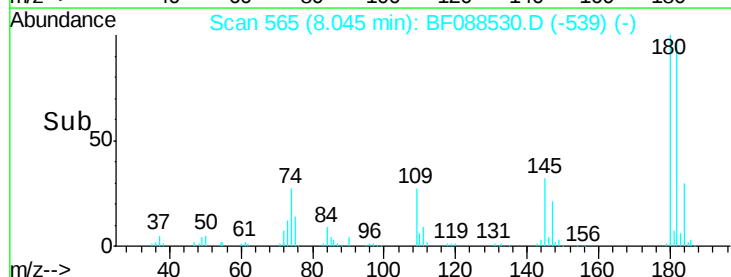
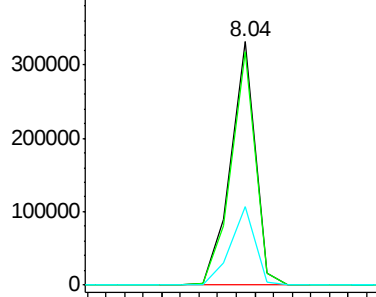


#30
1,2,4-Trichlorobenzene
Concen: 39.56 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	300829		
182	95.9	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





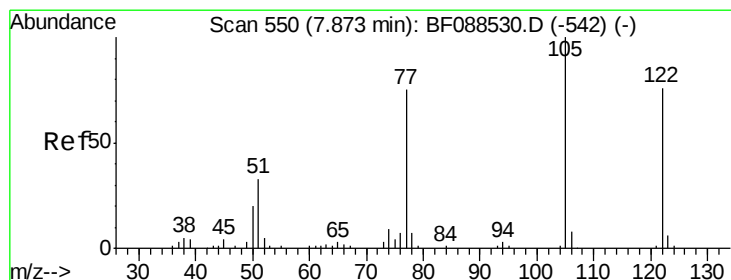
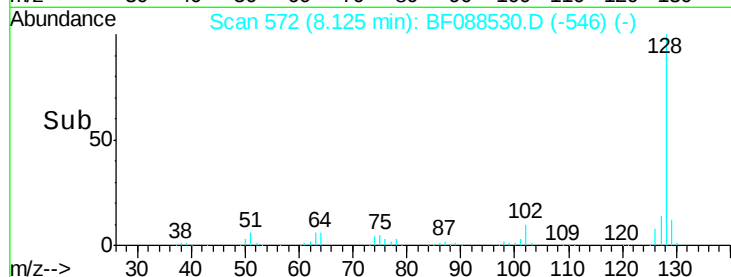
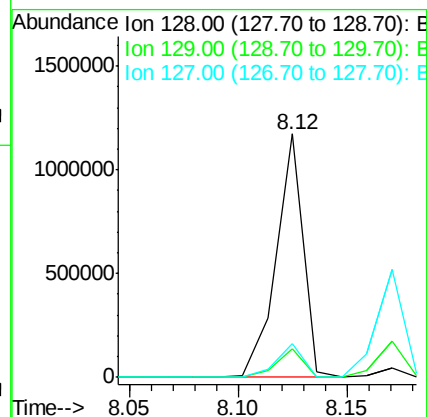
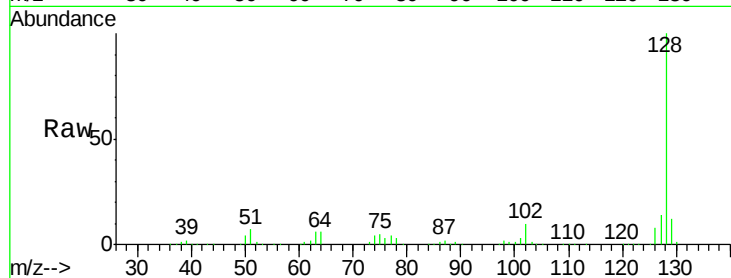
#31
Naphthalene
Concen: 40.19 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1026322
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.7 10.9 16.3

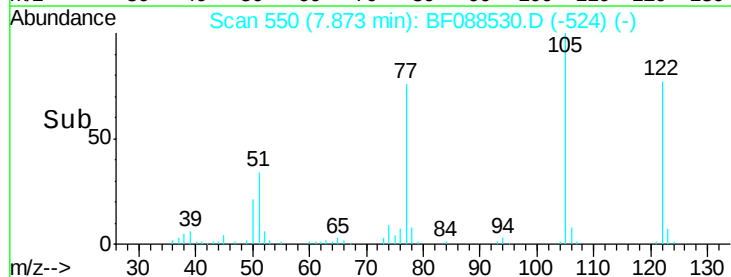
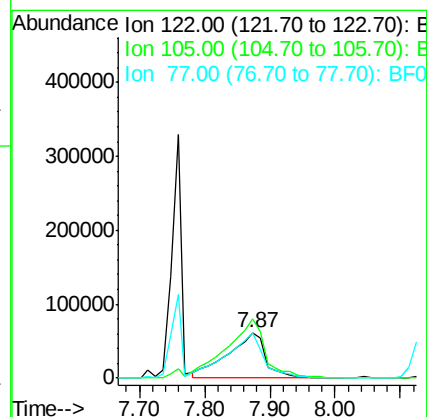
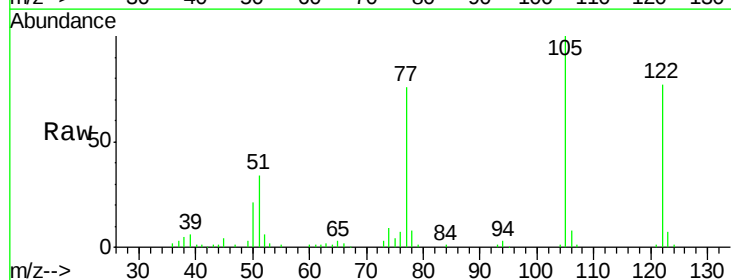
Manual Integrations

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#32
Benzoic acid
Concen: 52.37 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion:122 Resp: 244893
Ion Ratio Lower Upper
122 100
105 130.0 101.6 141.6
77 98.3 70.6 110.6





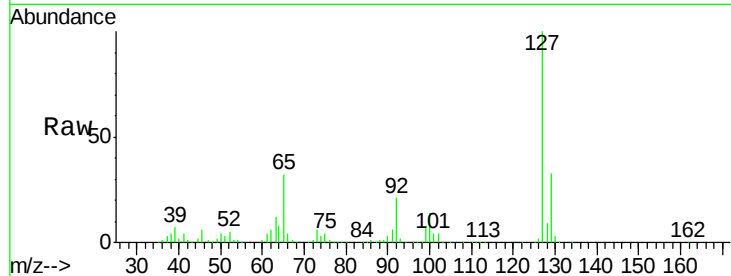
#33
4-Chloroaniline
Concen: 40.03 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

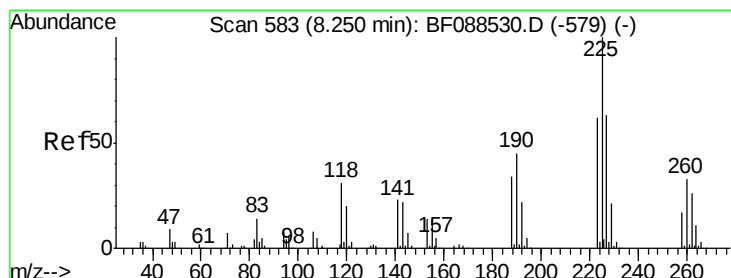
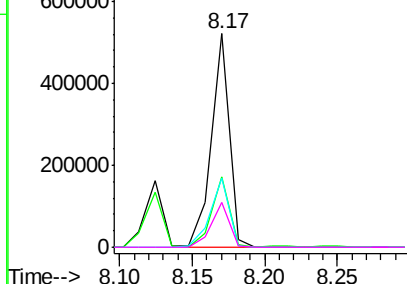
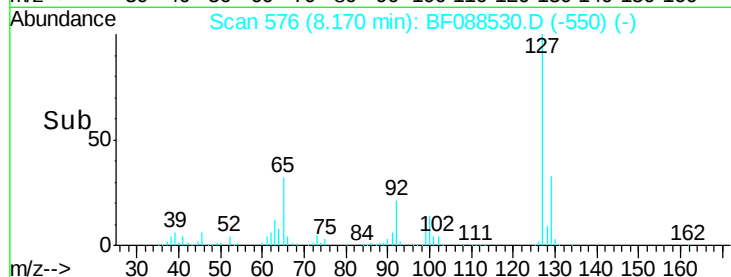
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	449250		
129	33.3	26.3	39.5	
65	32.2	24.7	37.1	
92	21.2	15.4	23.0	

Manual Integrations

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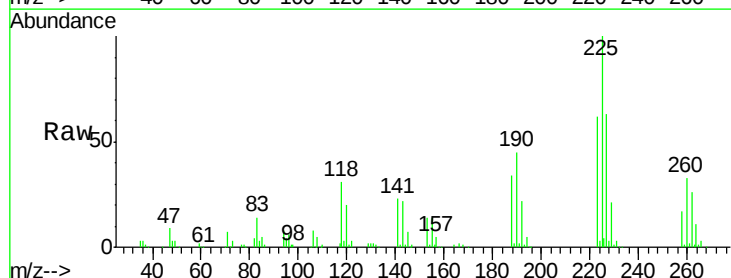


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

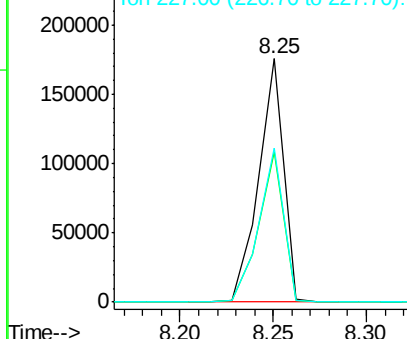
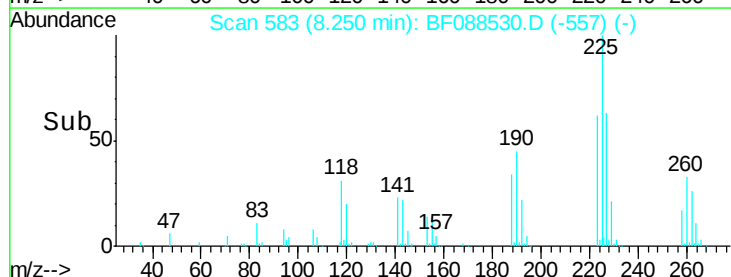


#34
Hexachlorobutadiene
Concen: 39.93 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	160950		
223	61.8	50.9	76.3	
227	63.3	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: 37.79 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF088530.D

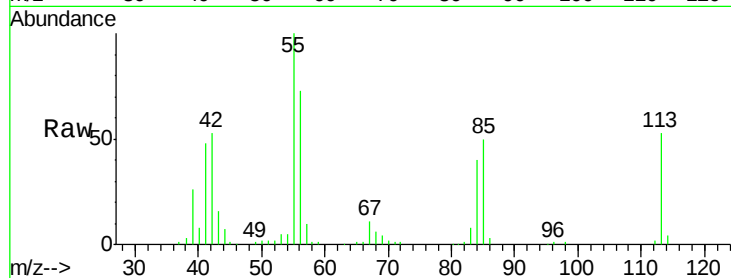
Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:113 Resp: 96135

Ion Ratio Lower Upper

113 100

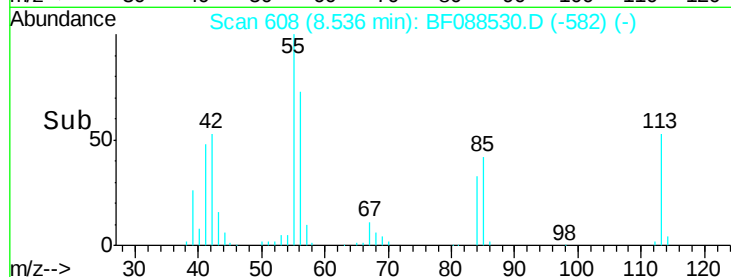
55 190.0 158.6 198.6

56 139.4 110.6 150.6

Manual Integrations

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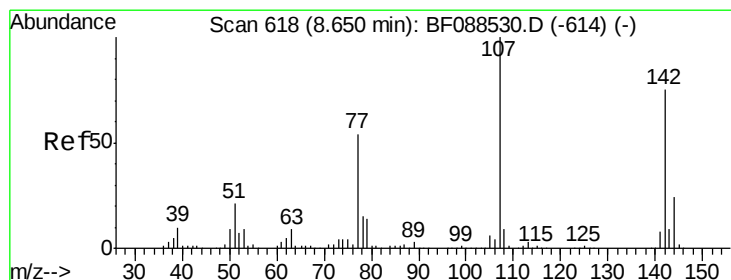
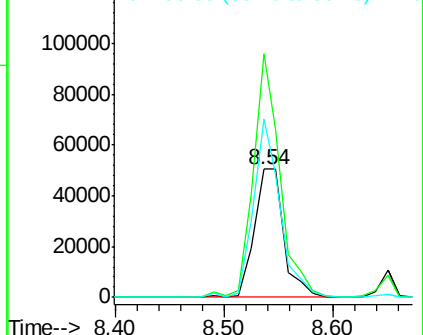
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.27 ng

RT: 8.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

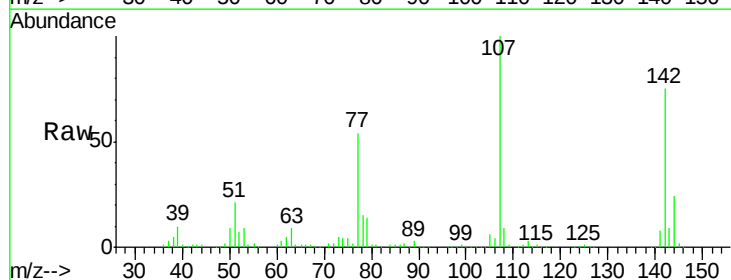
Tgt Ion:107 Resp: 320113

Ion Ratio Lower Upper

107 100

144 24.2 20.8 31.2

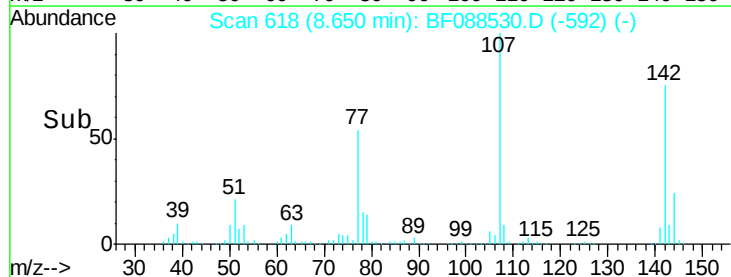
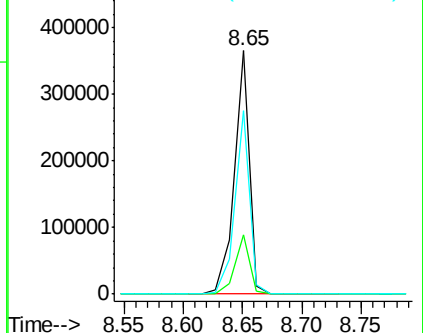
142 75.2 63.4 95.2

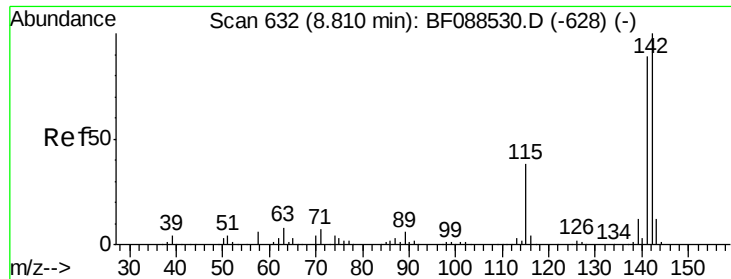


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





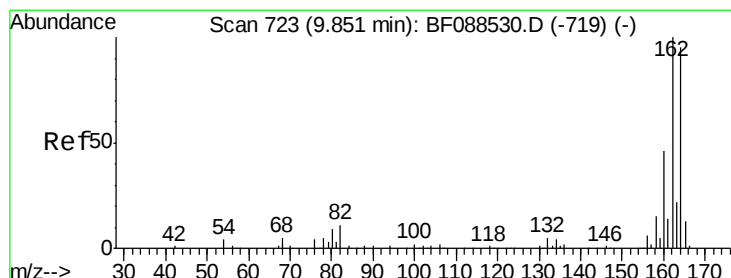
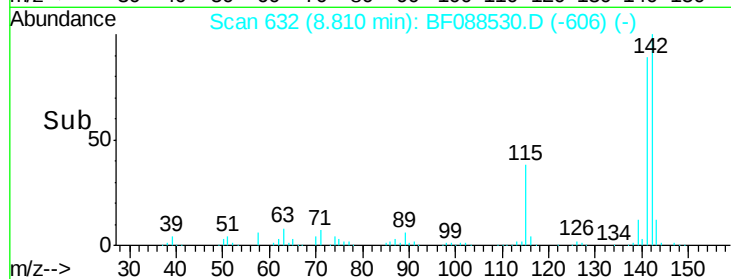
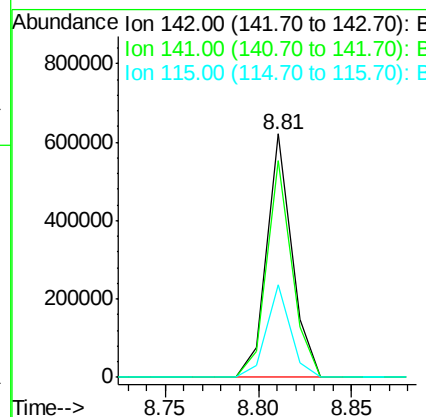
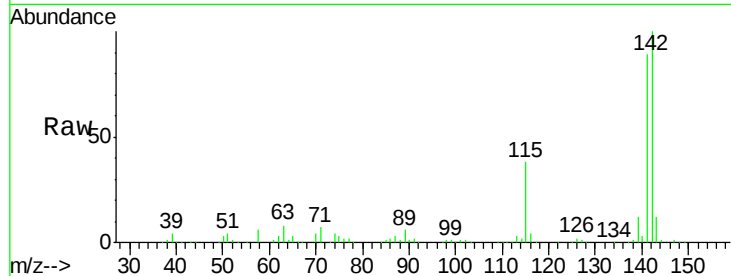
#37
2-Methylnaphthalene
Concen: 34.21 ng
RT: 8.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	38.0	22.6	33.8

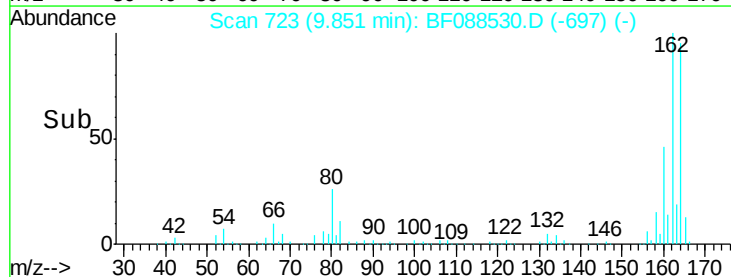
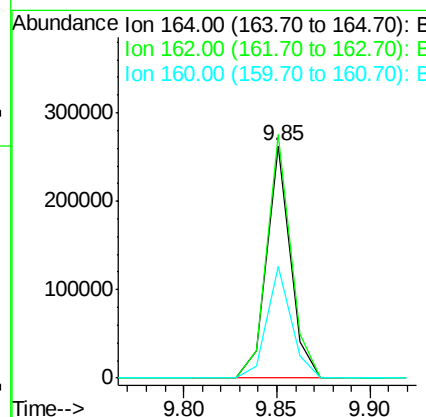
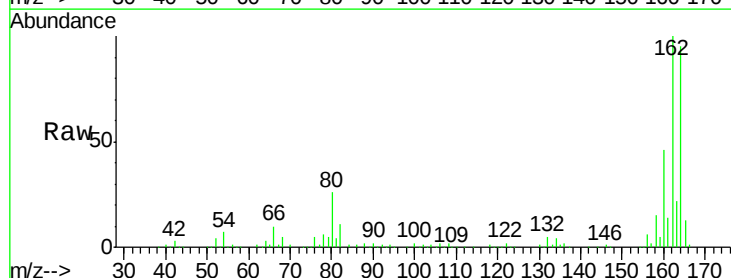
Manual Integrations

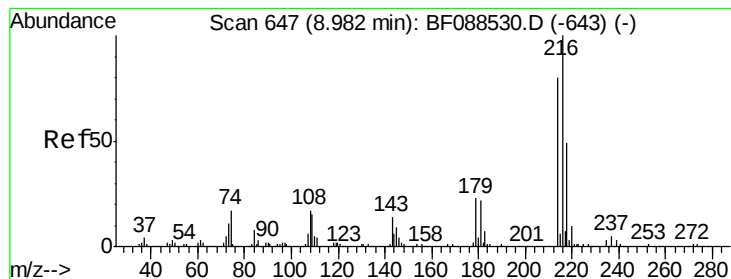
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	48.1	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.10 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:216 Resp: 315987
Ion Ratio Lower Upper

216 100

214 79.9 2.9 4.3#

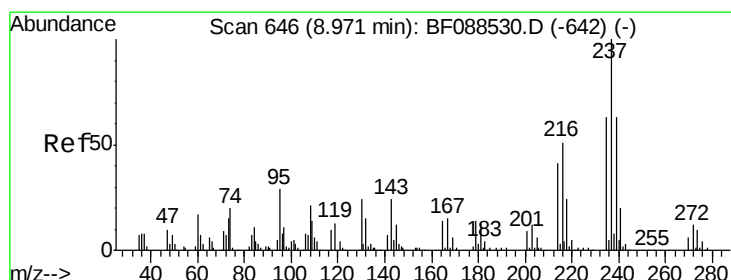
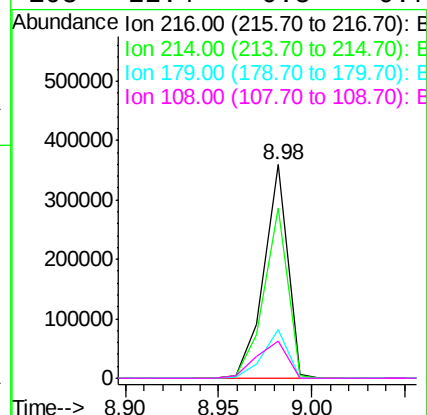
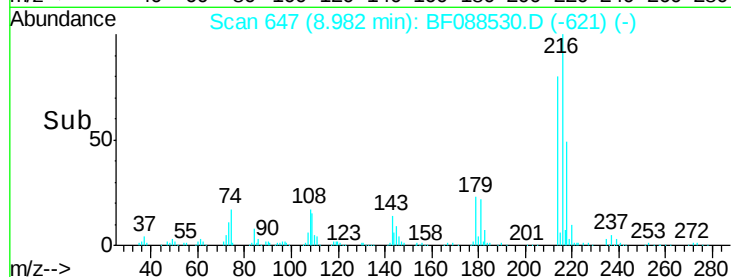
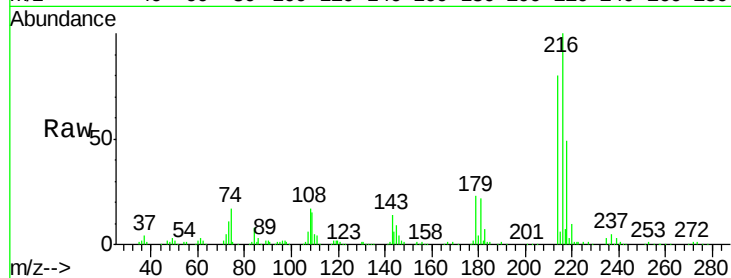
179 23.4 0.0 0.0#

108 22.4 0.5 0.7#

Manual Integrations

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#40

Hexachlorocyclopentadiene

Concen: 36.52 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088530.D

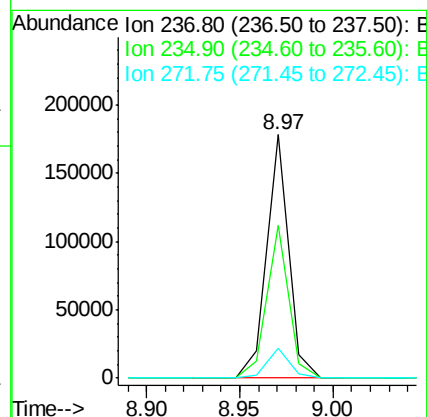
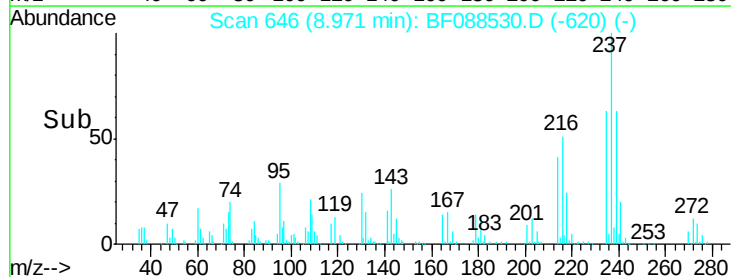
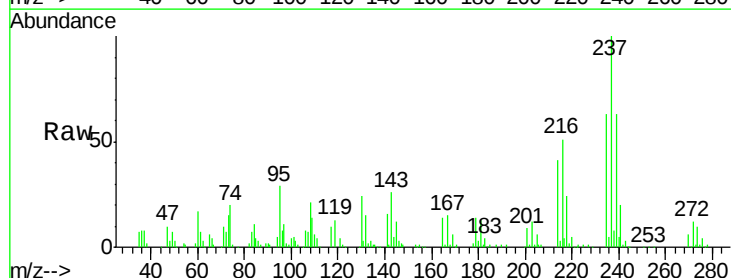
Acq: 30 Jun 2016 15:39

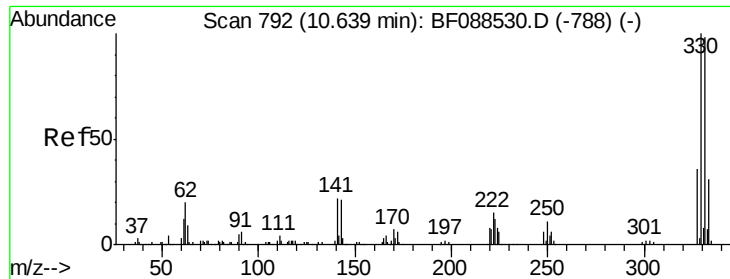
Tgt Ion:237 Resp: 148516
Ion Ratio Lower Upper

237 100

235 62.7 43.4 83.4

272 12.1 0.0 32.3





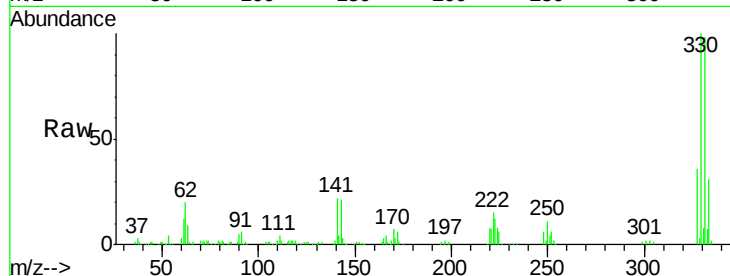
#41
 2,4,6-Tribromophenol
 Concen: 43.22 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

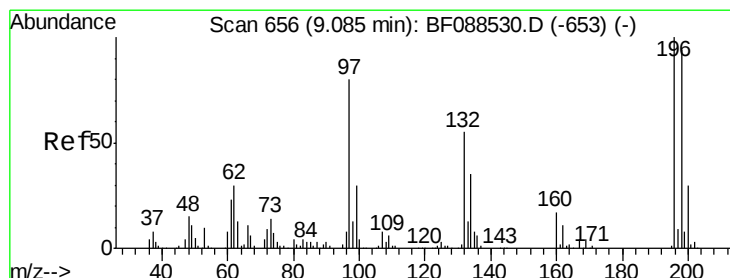
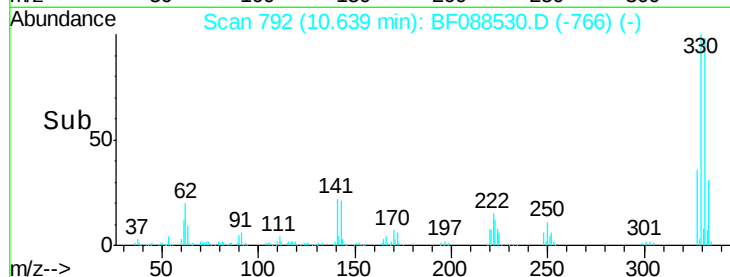
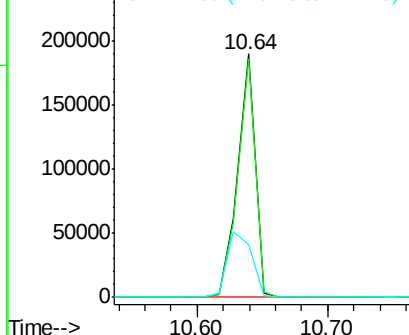
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	177999		
332	97.5	0.0	0.0	0.0
141	37.3	0.0	0.0	0.0

Manual Integrations

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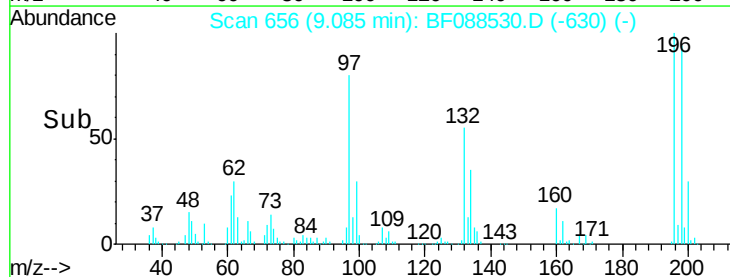
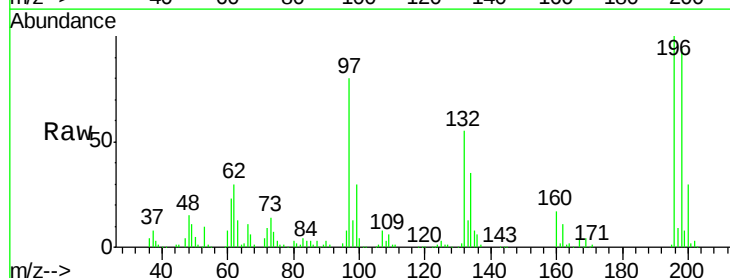
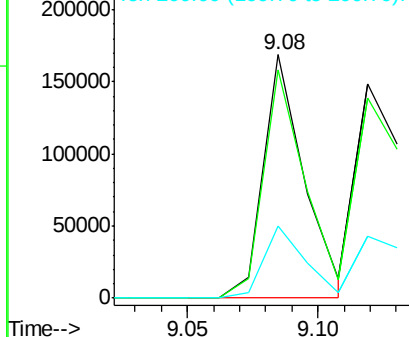
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 36.74 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	184358		
198	93.8	78.0	117.0	
200	29.7	25.4	38.2	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





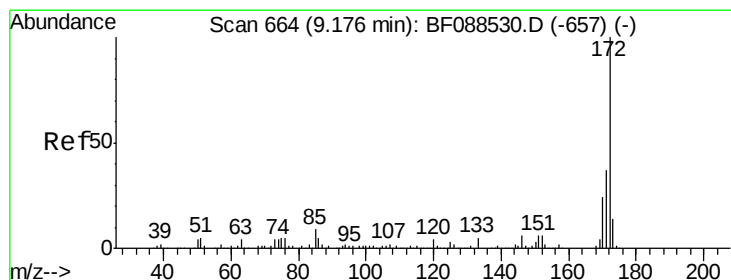
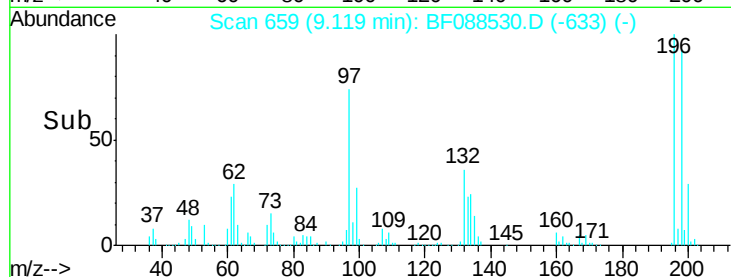
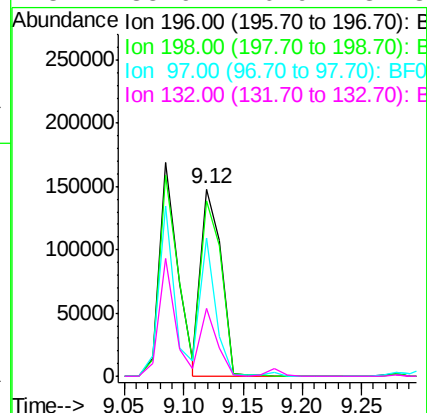
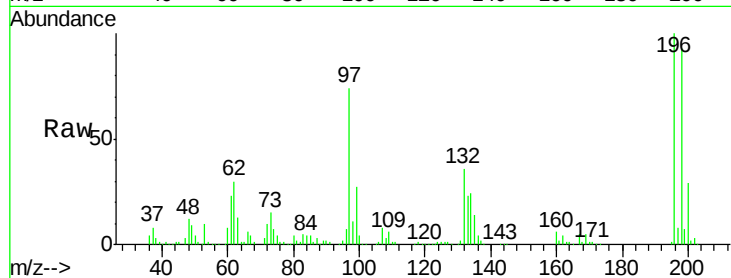
#43
 2,4,5-Trichlorophenol
 Concen: 38.56 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	77.5	116.3
97	73.7	32.0	48.0
132	35.9	20.9	31.3

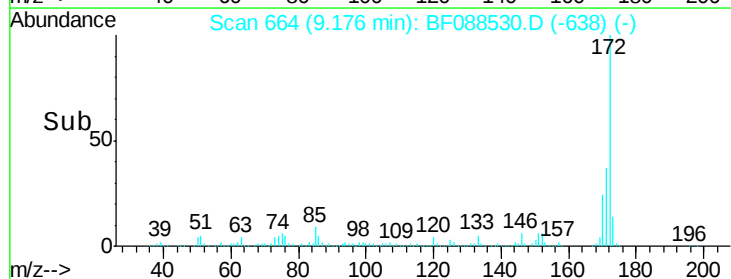
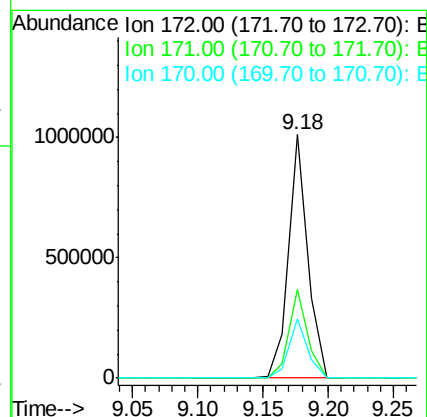
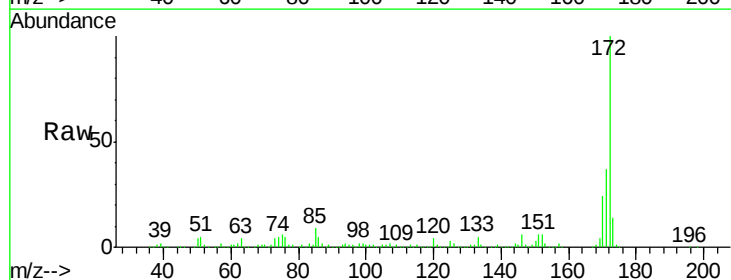
Manual Integrations

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#44
 2-Fluorobiphenyl
 Concen: 34.37 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.3	19.2	28.8





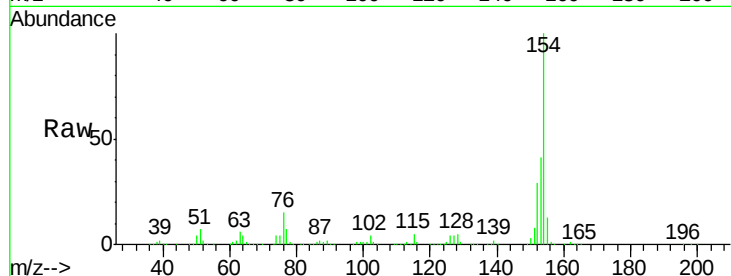
#45
1,1'-Biphenyl
Concen: 42.78 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	15.0	0.0	35.1

Manual Integrations

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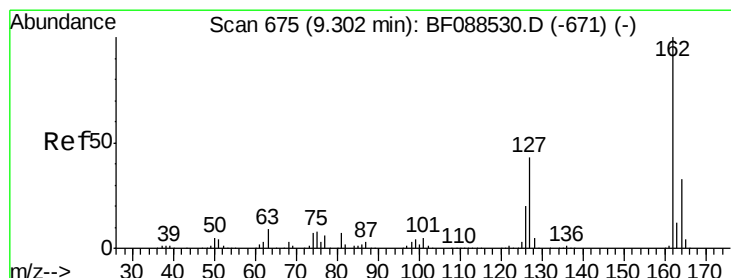
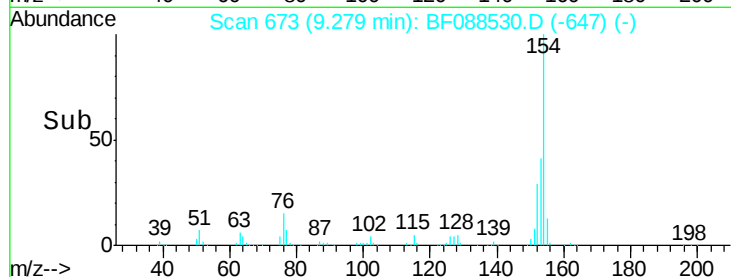
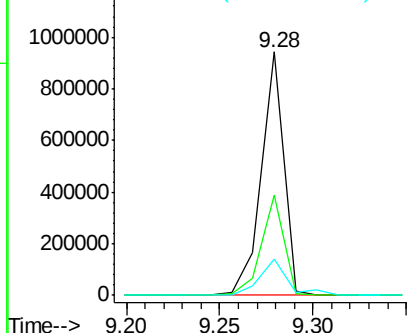


Abundance

Ion 154.00 (153.70 to 154.70): E

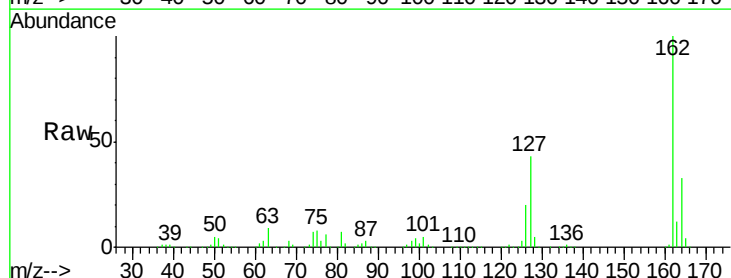
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 41.88 ng
RT: 9.30 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	35.2	52.8
164	33.4	26.6	39.8

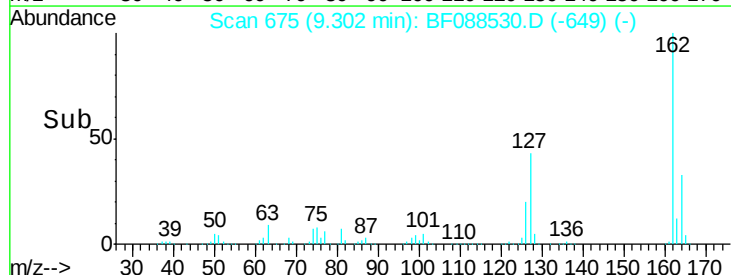
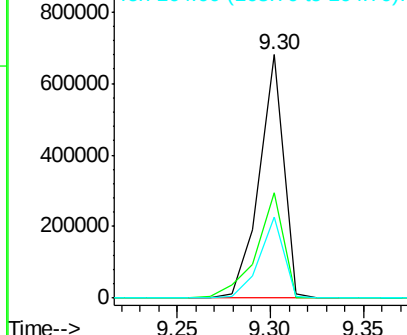


Abundance

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





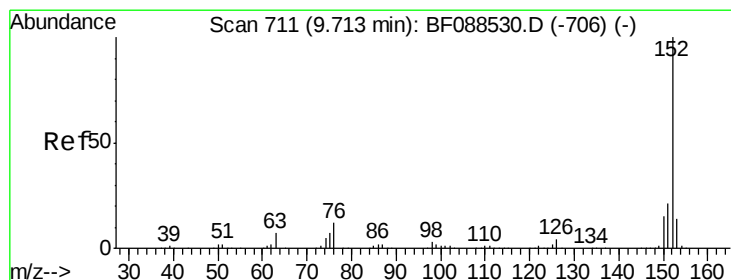
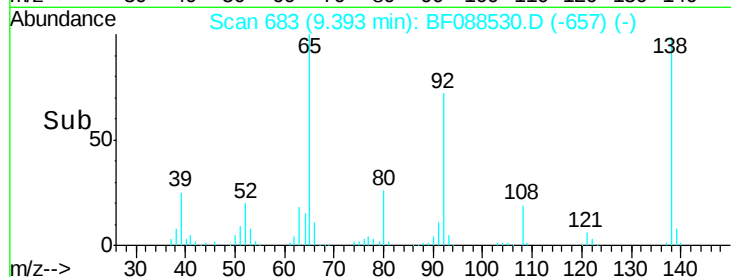
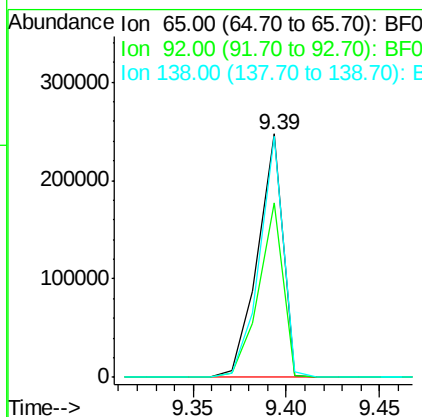
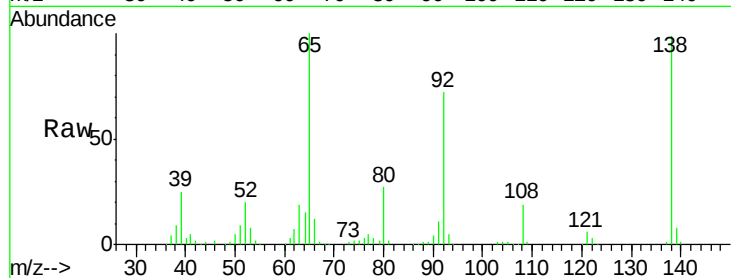
#47
2-Nitroaniline
Concen: 47.23 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 65 Resp: 235096
Ion Ratio Lower Upper
65 100
92 71.6 54.6 82.0
138 98.8 77.0 115.4

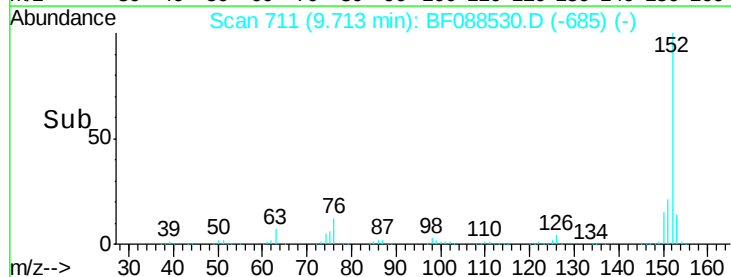
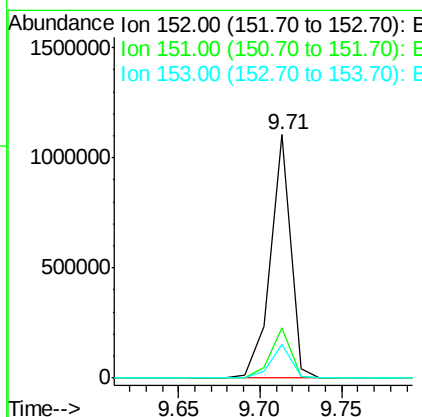
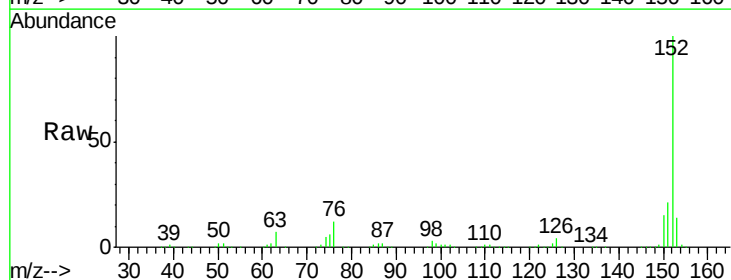
Manual Integrations

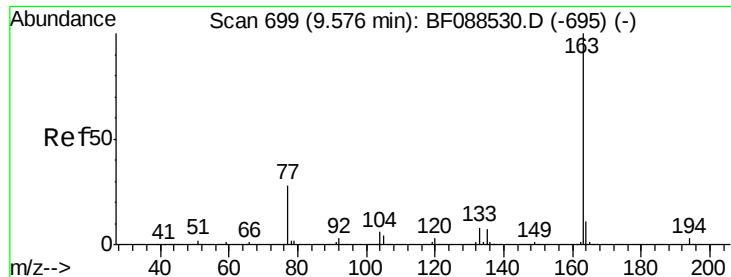
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#48
Acenaphthylene
Concen: 40.15 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion: 152 Resp: 956278
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.6 11.0 16.6





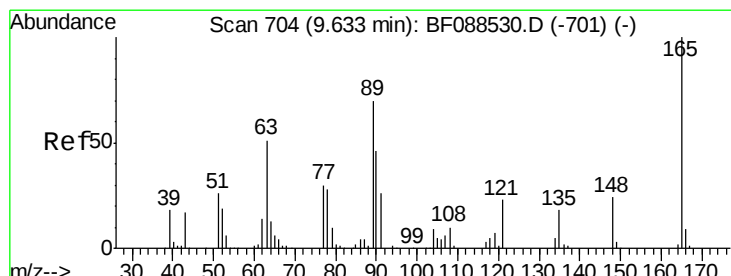
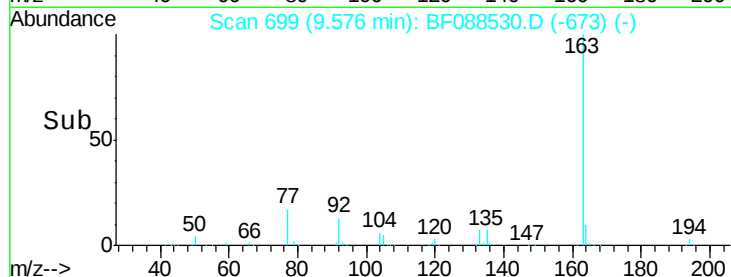
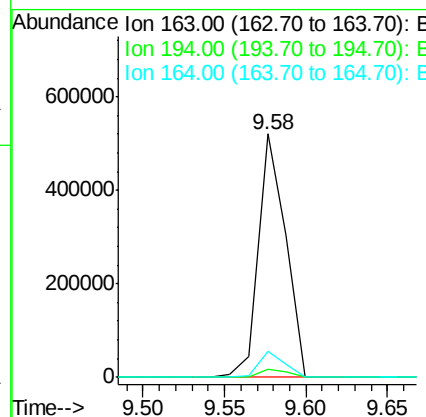
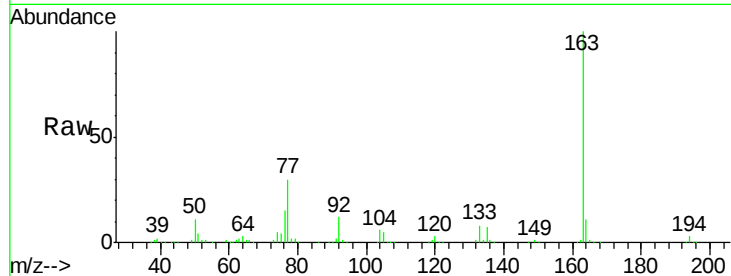
#49
Dimethylphthalate
Concen: 34.98 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.7	8.3	12.5

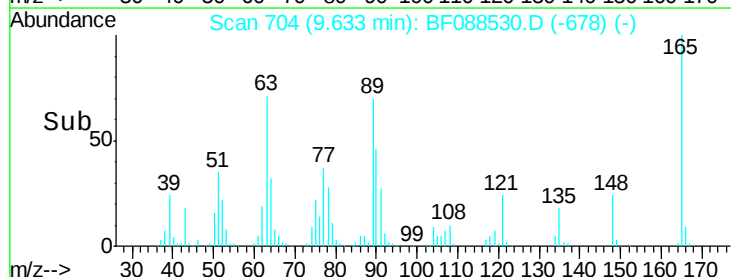
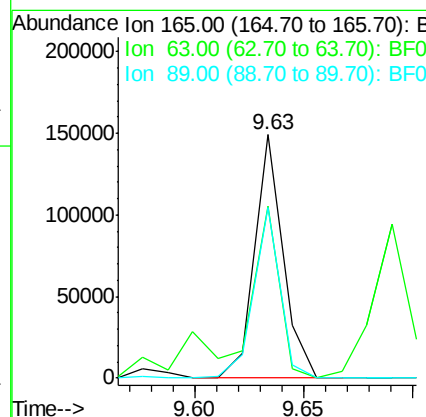
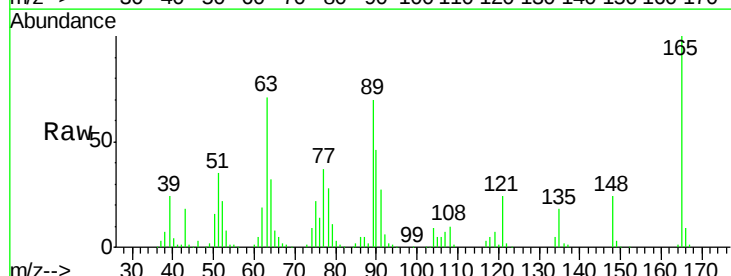
Manual Integrations

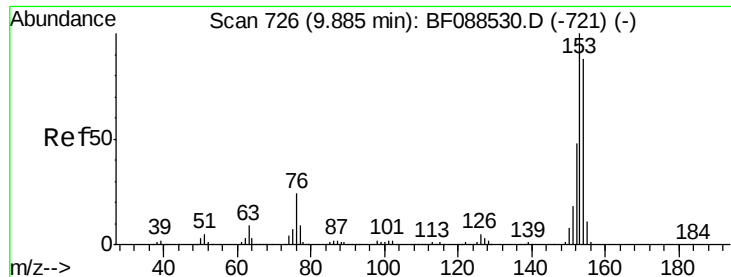
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#50
2,6-Dinitrotoluene
Concen: 35.66 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.7	28.1	42.1#
89	69.8	32.2	48.2#





#51

Acenaphthene

Concen: 37.70 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF088530.D

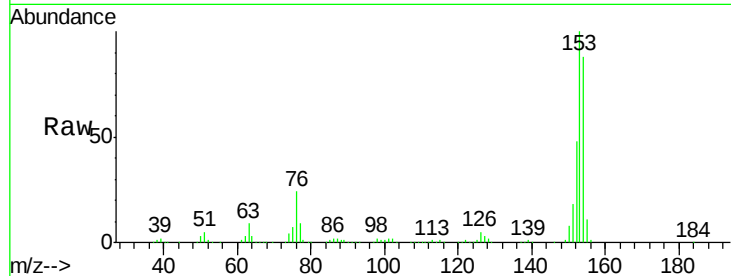
Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:154 Resp: 556256

Ion Ratio Lower Upper

154 100

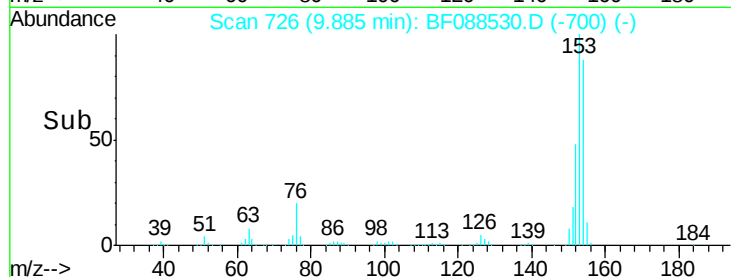
153 113.9 89.5 134.3

152 54.8 42.7 64.1

Manual Integrations

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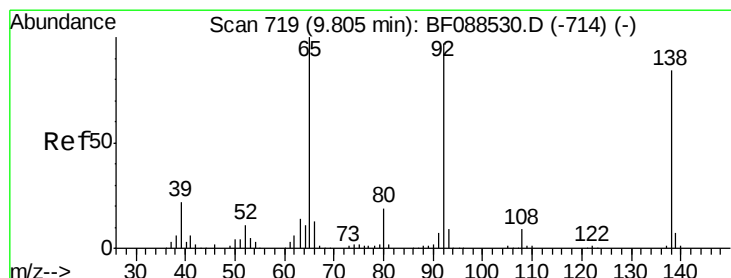
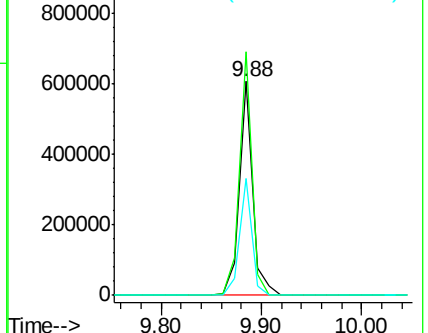
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.88 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

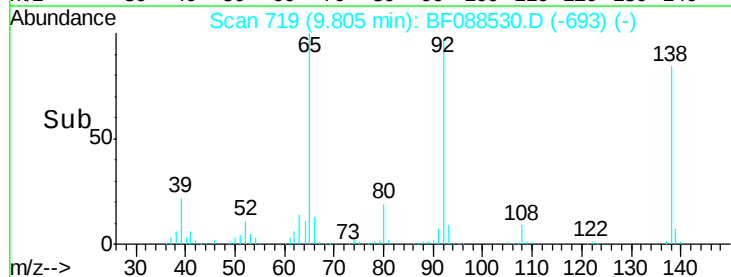
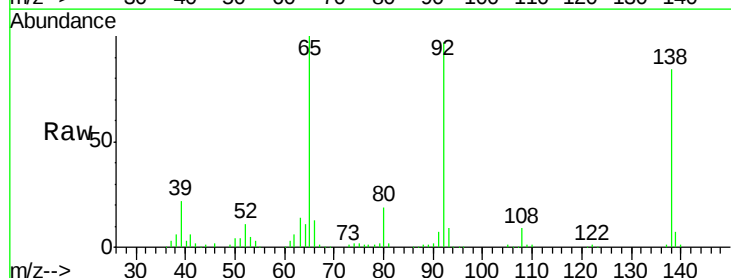
Tgt Ion:138 Resp: 208281

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

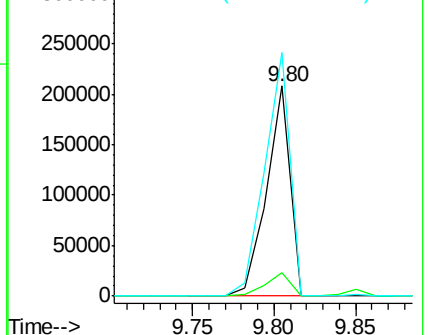
92 115.9 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





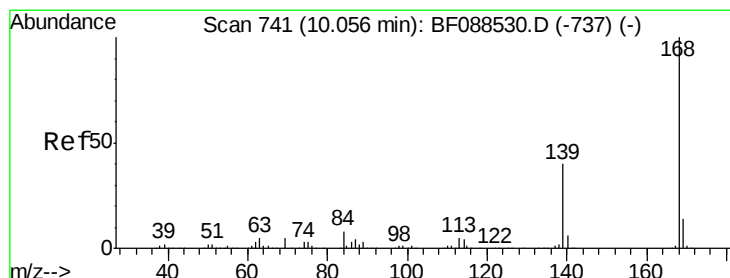
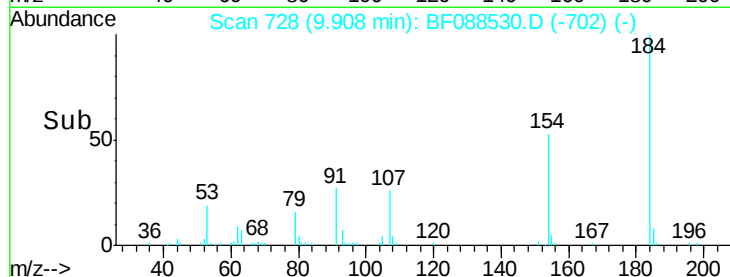
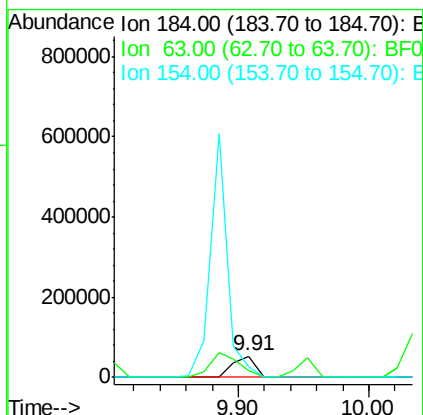
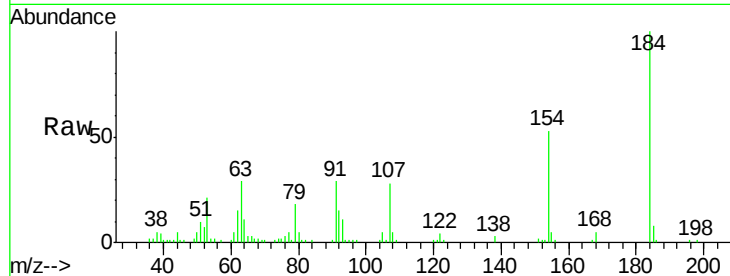
#53
2,4-Dinitrophenol
Concen: 41.56 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 62553
Ion Ratio Lower Upper
184 100
63 29.2 57.6 86.4#
154 53.2 53.5 80.3#

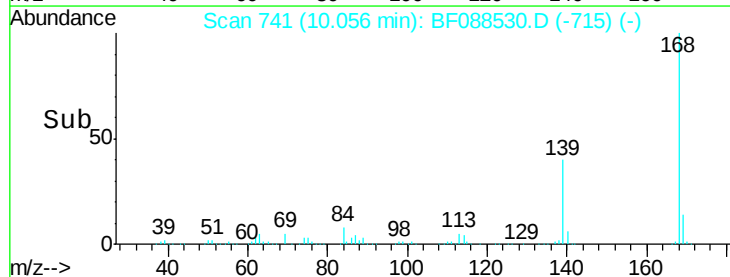
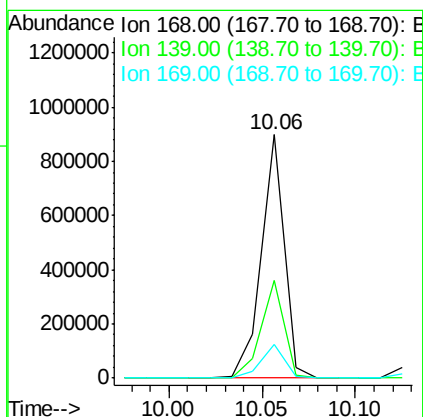
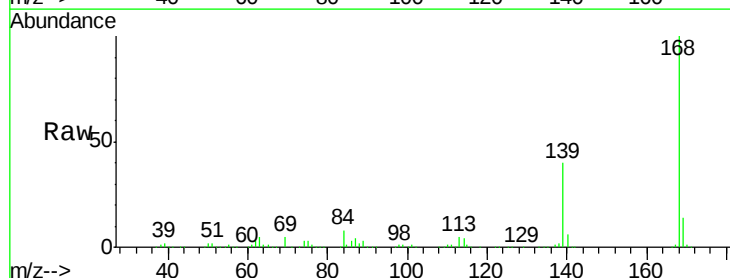
Manual Integrations

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#54
Dibenzofuran
Concen: 36.31 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion:168 Resp: 756787
Ion Ratio Lower Upper
168 100
139 40.1 26.4 39.6#
169 13.8 10.4 15.6





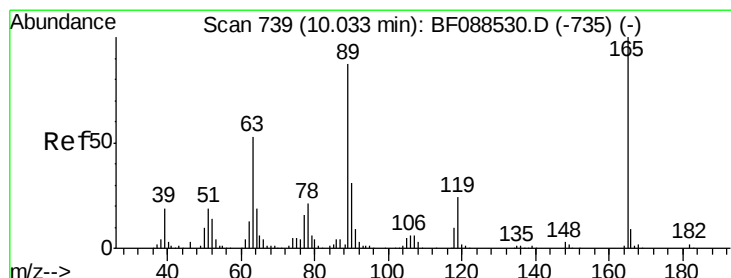
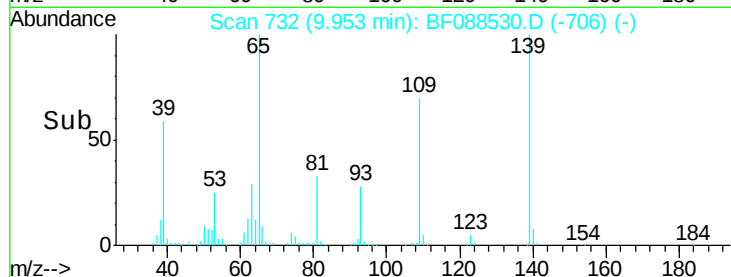
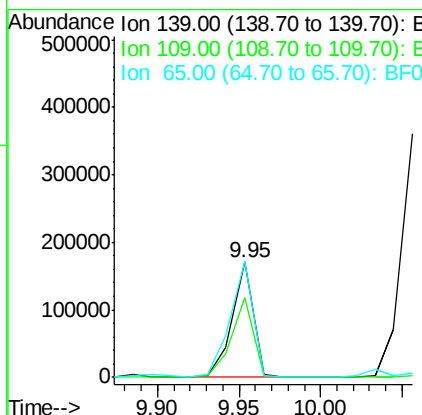
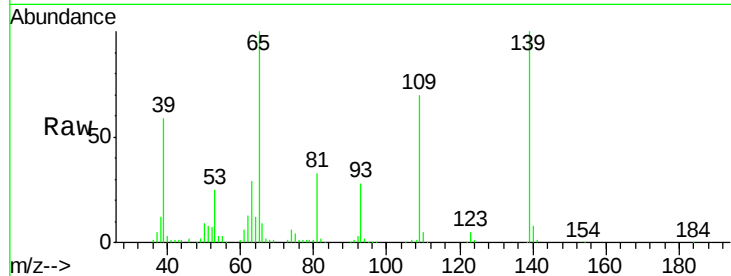
#55
4-Nitrophenol
Concen: 42.08 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	154392		
109	69.7	48.9	88.9	
65	99.9	84.9	124.9	

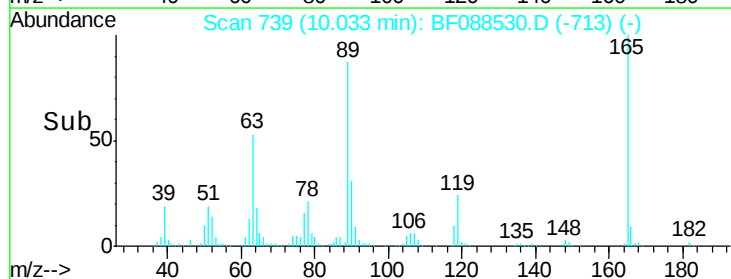
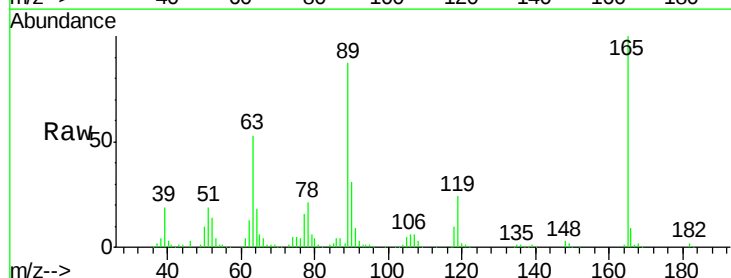
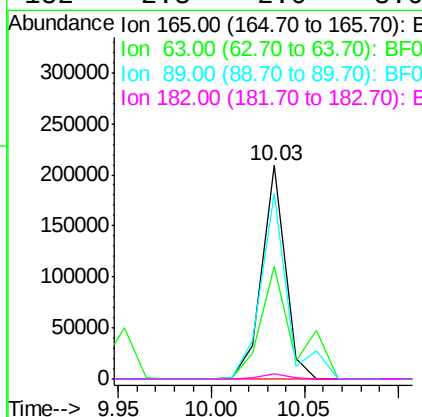
Manual Integrations

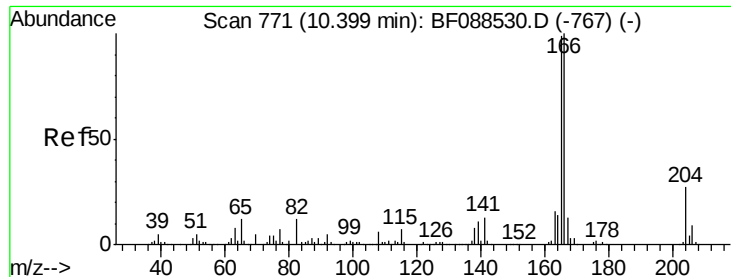
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#56
2,4-Dinitrotoluene
Concen: 36.84 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	180201		
63	52.8	22.0	33.0#	
89	87.1	41.1	61.7#	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 40.52 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:166 Resp: 611375

Ion Ratio Lower Upper

166 100

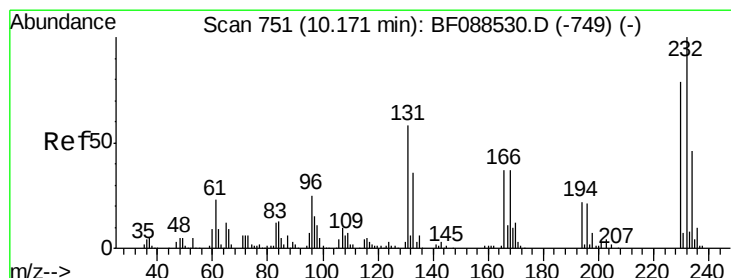
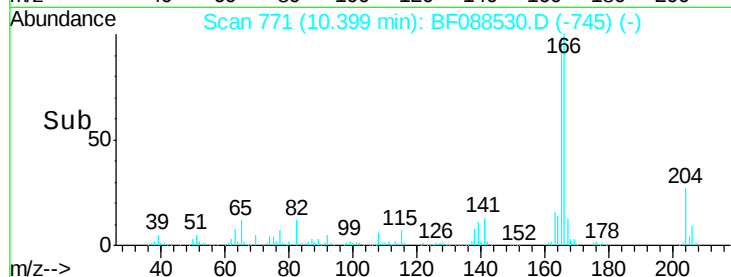
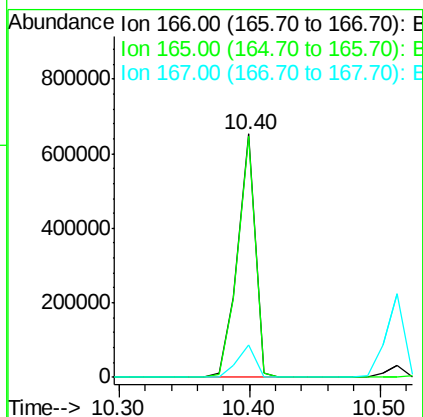
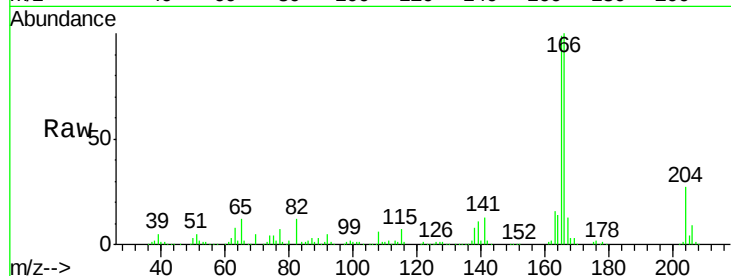
165 98.8 77.8 116.8

167 13.4 11.2 16.8

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.49 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Tgt Ion:232 Resp: 138184

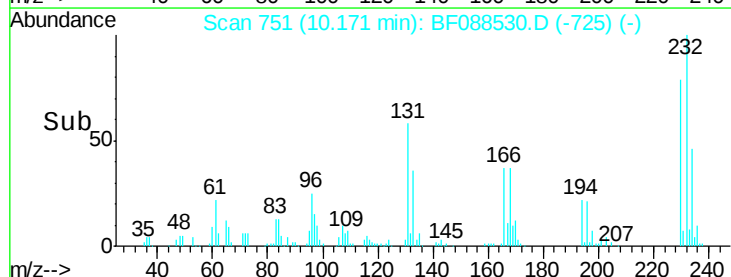
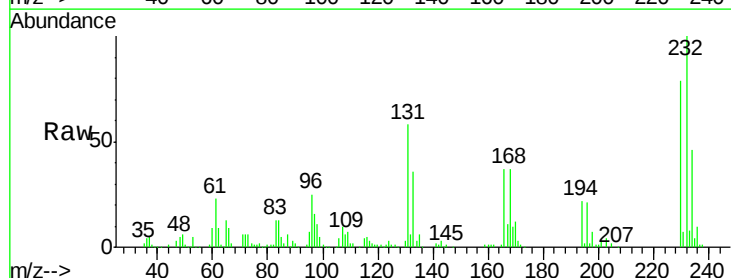
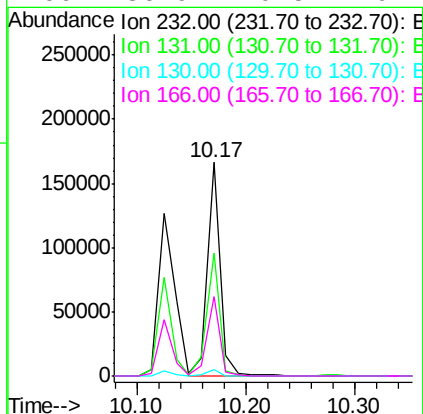
Ion Ratio Lower Upper

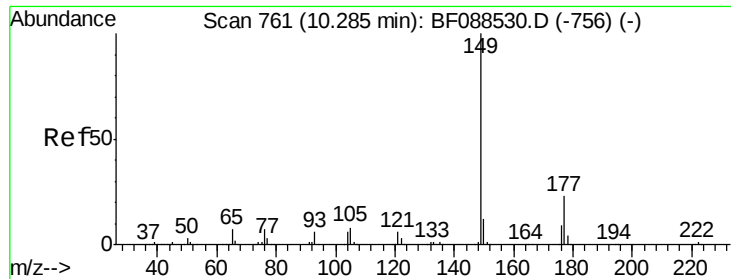
232 100

131 58.4 0.9 1.3#

130 2.7 1.5 2.3#

166 36.9 0.5 0.7#





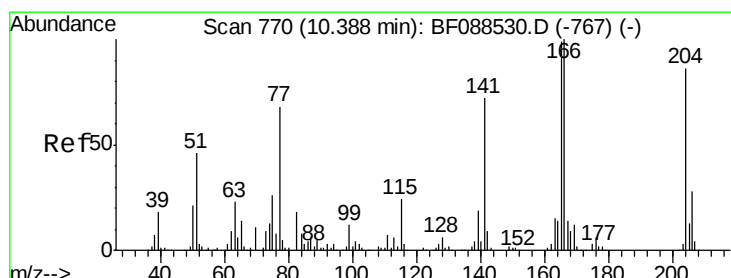
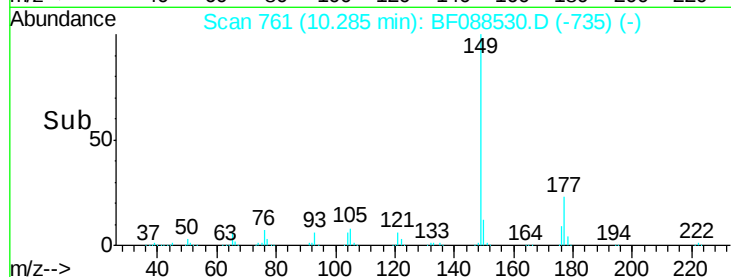
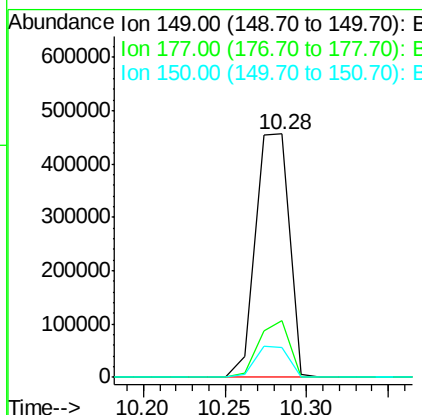
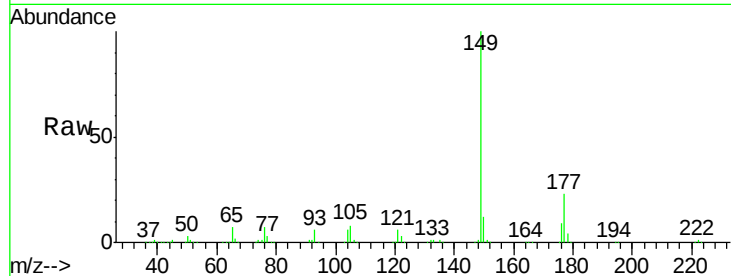
#59
Diethylphthalate
Concen: 37.11 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	16.9	25.3
150	12.0	10.1	15.1

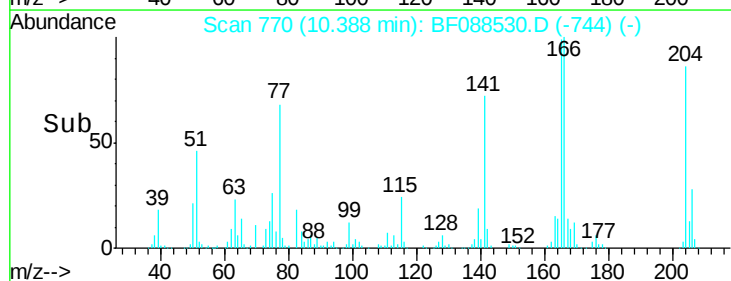
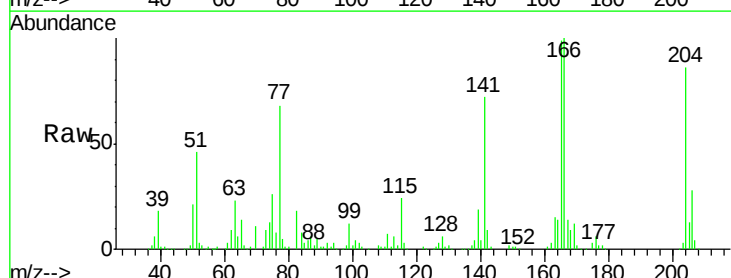
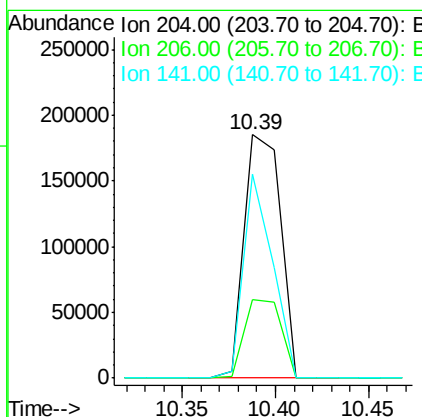
Manual Integrations

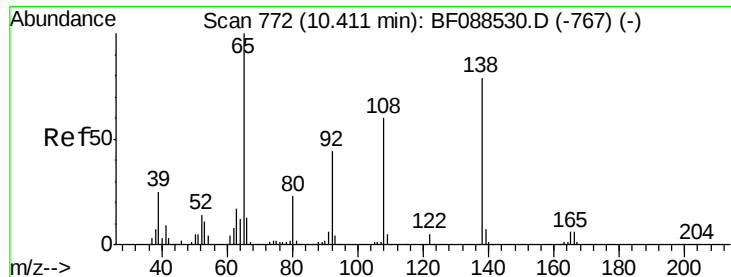
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#60
4-Chlorophenyl-phenylether
Concen: 36.47 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.3	39.5
141	83.8	55.0	82.6





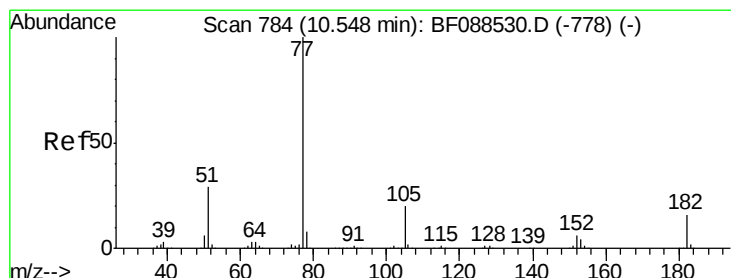
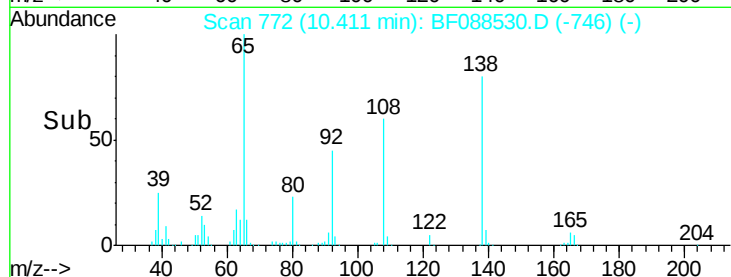
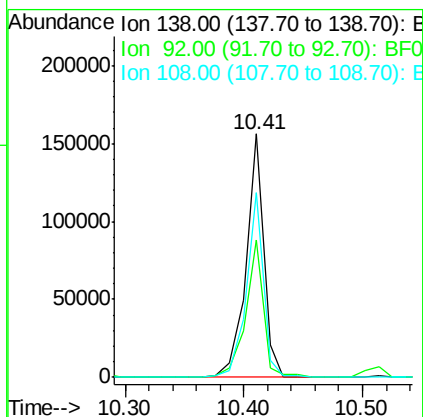
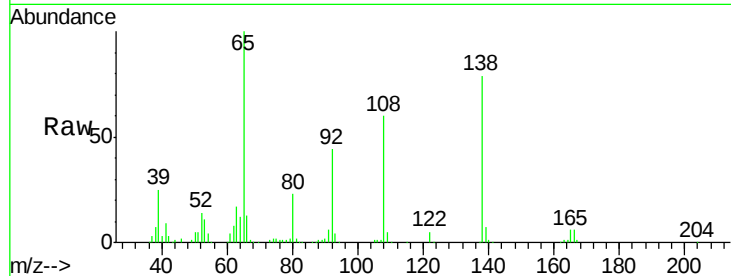
#61
4-Nitroaniline
Concen: 37.91 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.5	27.3	67.3
108	76.1	46.7	86.7

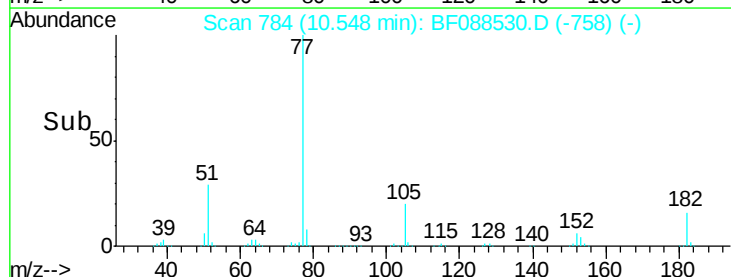
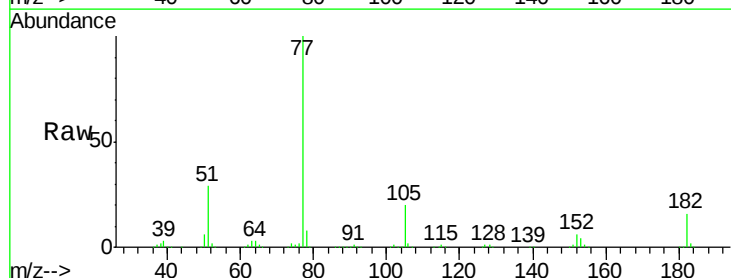
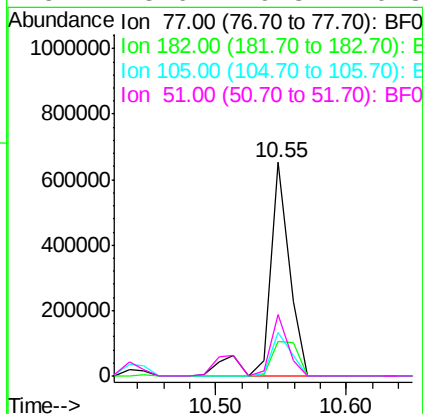
Manual Integrations

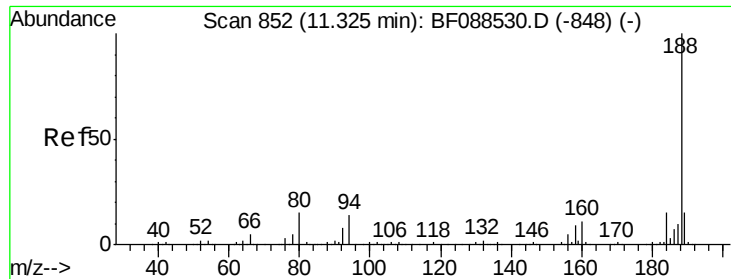
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#62
Azobenzene
Concen: 33.11 ng
RT: 10.55 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.0	4.4	44.4
105	20.4	3.8	43.8
51	28.6	9.3	49.3





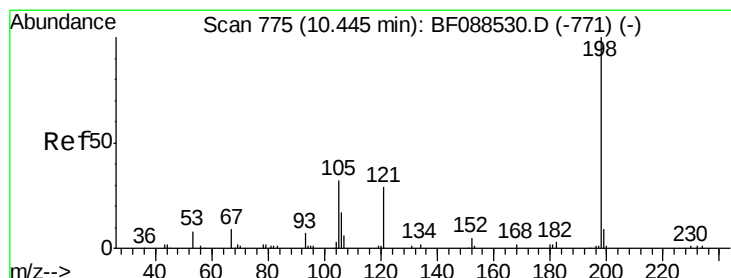
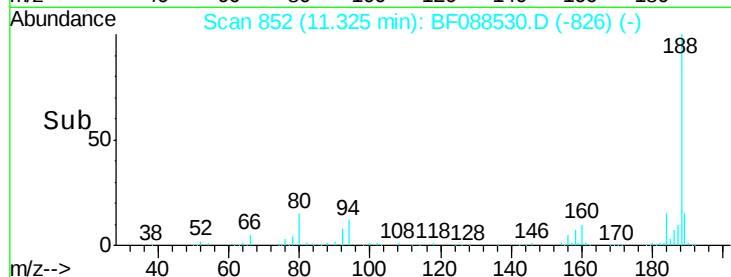
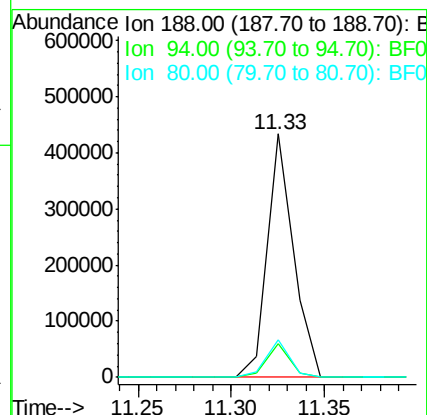
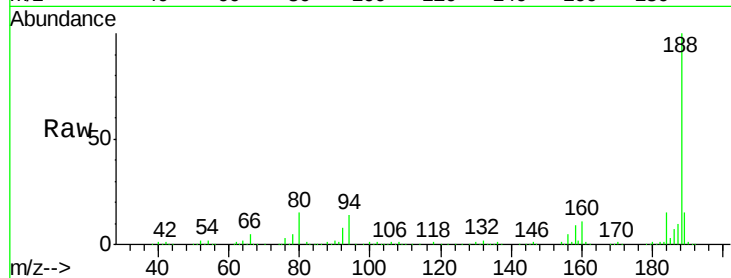
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.7	9.0	13.6#
80	15.3	10.0	15.0#

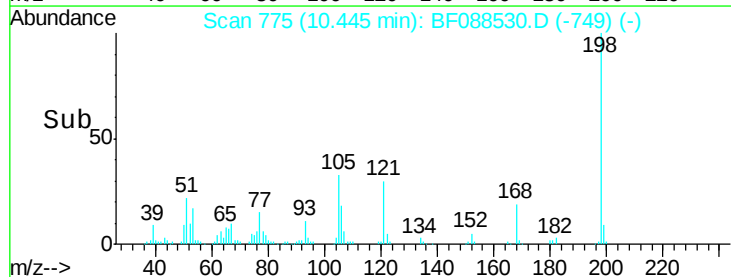
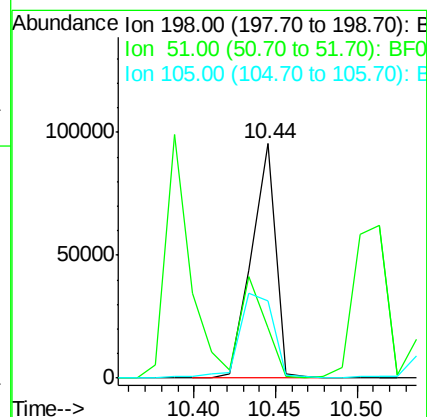
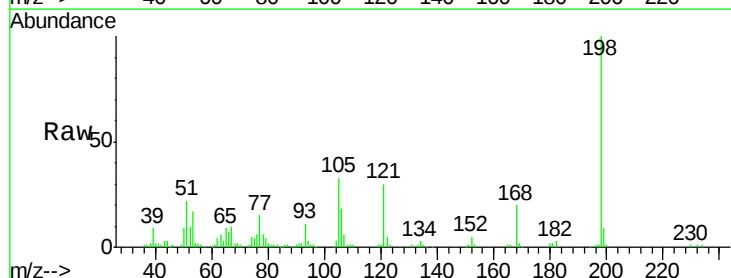
Manual Integrations

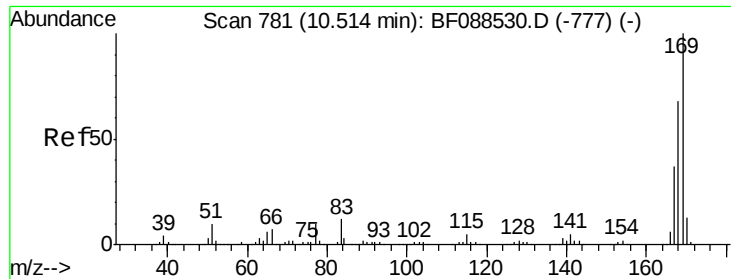
APPROVED
 SOHIL
 7/1/2016 8:06:51 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 51.09 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

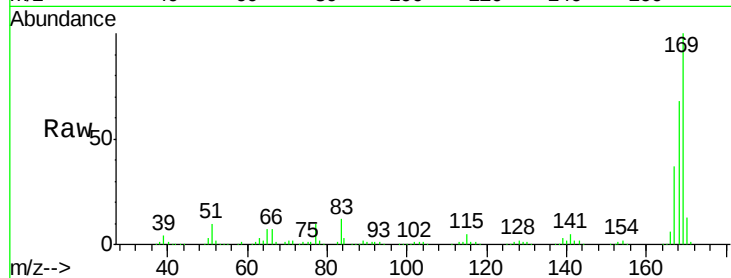
Tgt Ion	Ratio	Lower	Upper
198	100		
51	21.5	39.6	79.6#
105	33.0	36.6	76.6#





#65
n-Nitrosodiphenylamine
Concen: 40.96 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

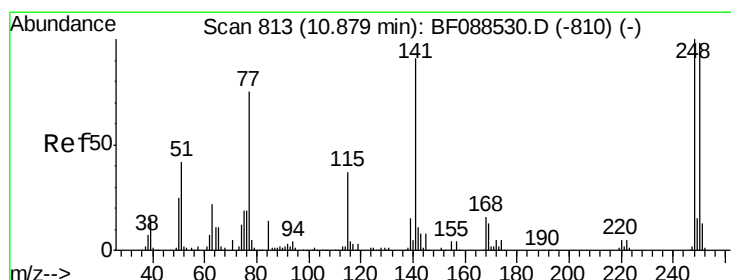
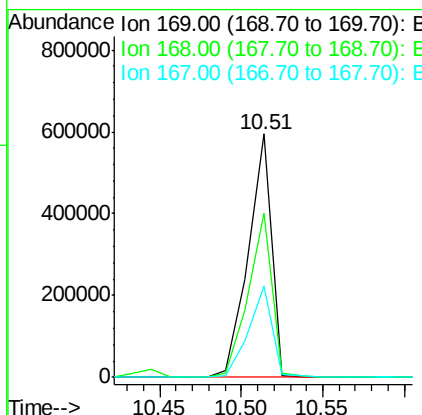
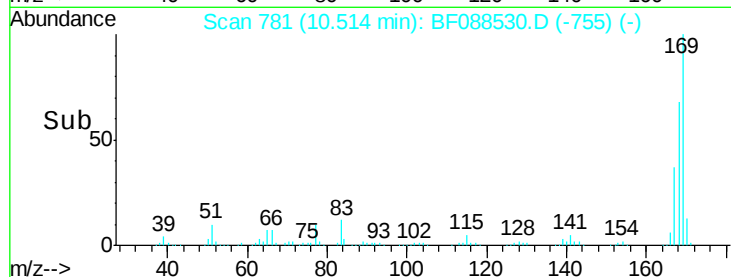
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.4	80.0
167	37.5	29.4	44.0

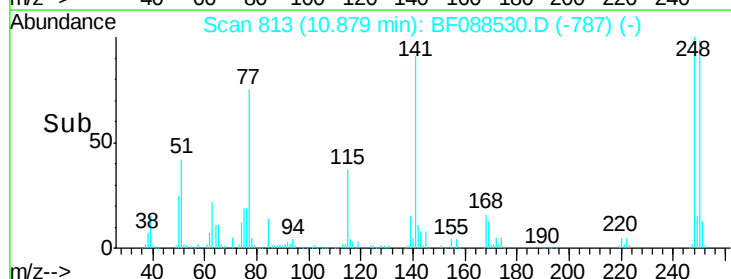
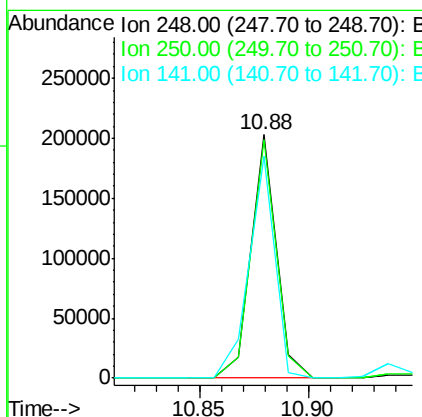
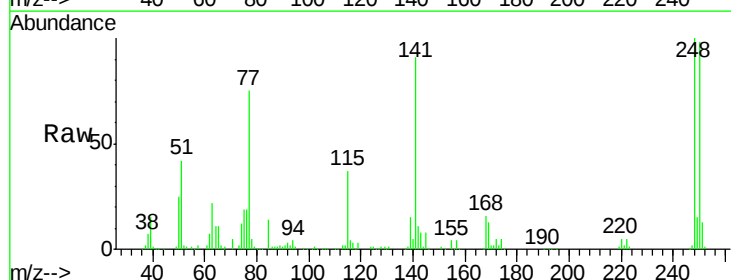
Manual Integrations

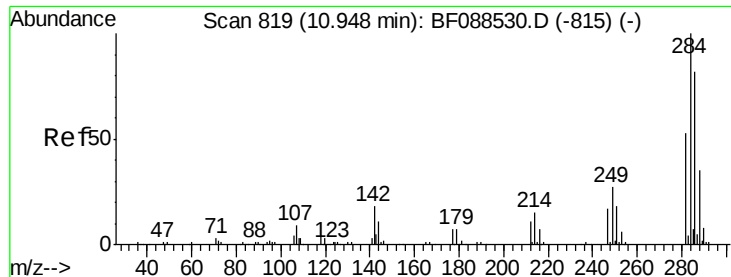
SOHIL
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#66
4-Bromophenyl-phenylether
Concen: 38.44 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.1	115.7
141	91.3	50.6	76.0





#67

Hexachlorobenzene

Concen: 40.96 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF088530.D

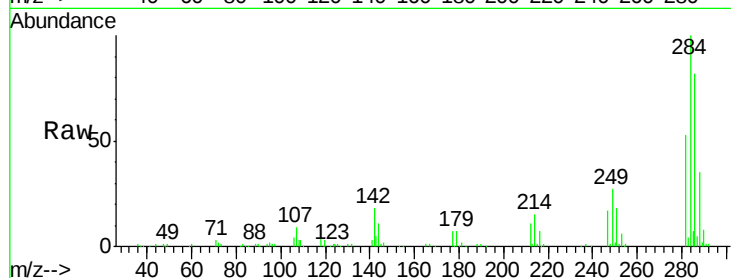
Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:284 Resp: 186926

Ion Ratio Lower Upper

284 100

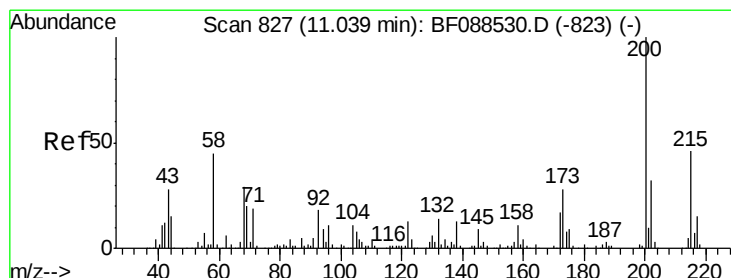
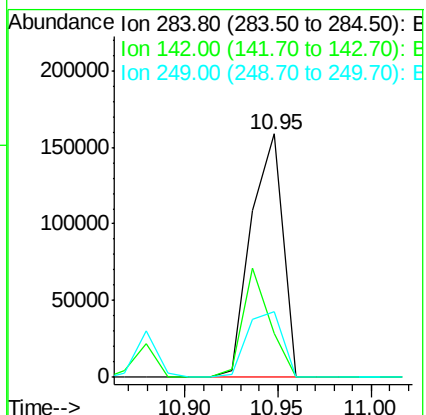
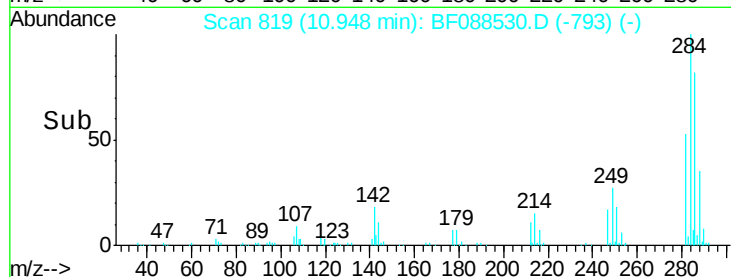
142 18.3 35.8 53.8#

249 27.2 25.8 38.6

Manual Integrations

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#68

Atrazine

Concen: 41.29 ng

RT: 11.04 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

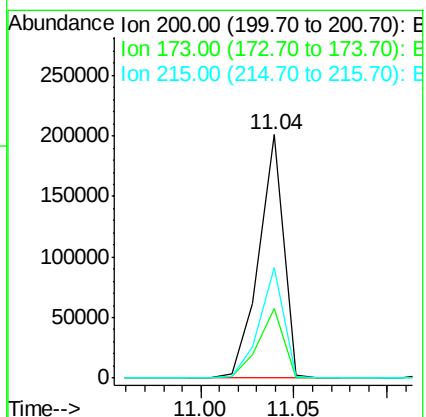
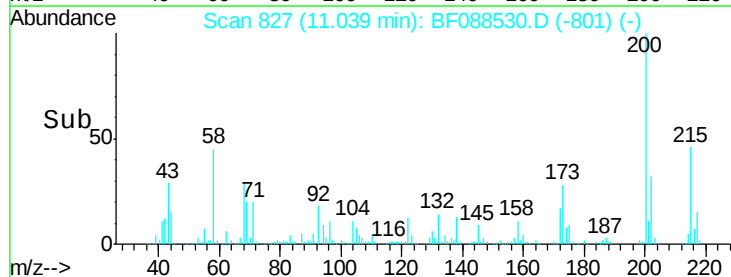
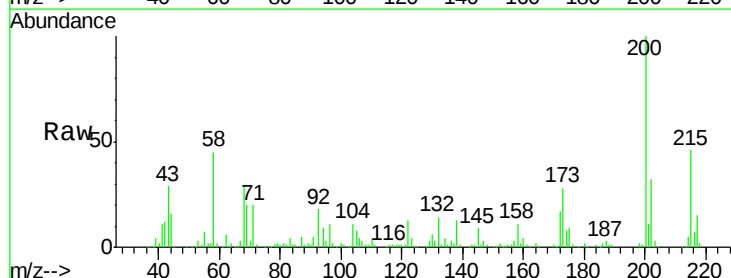
Tgt Ion:200 Resp: 183986

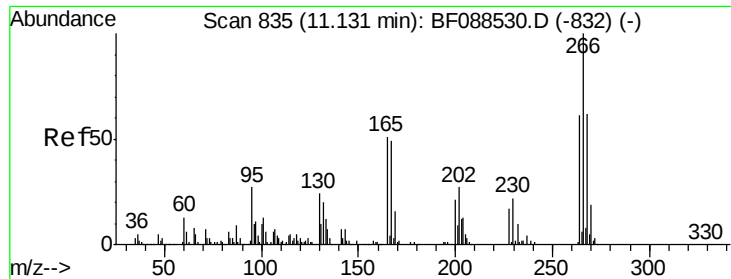
Ion Ratio Lower Upper

200 100

173 28.5 4.0 44.0

215 45.6 29.3 69.3





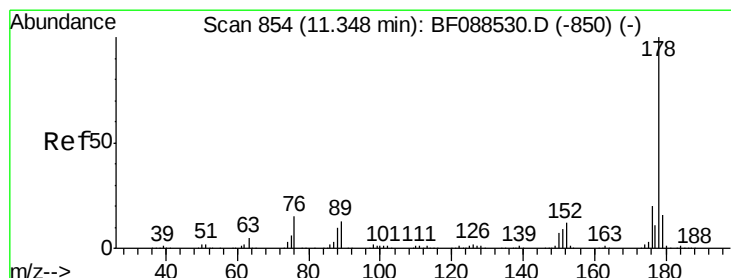
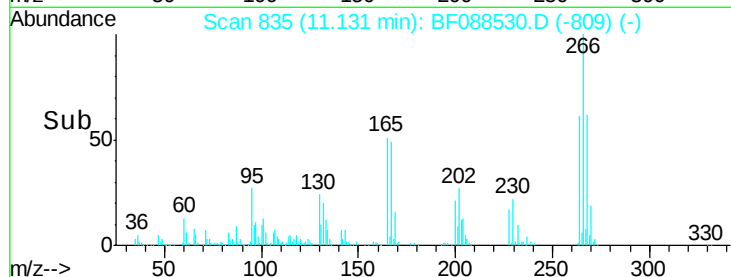
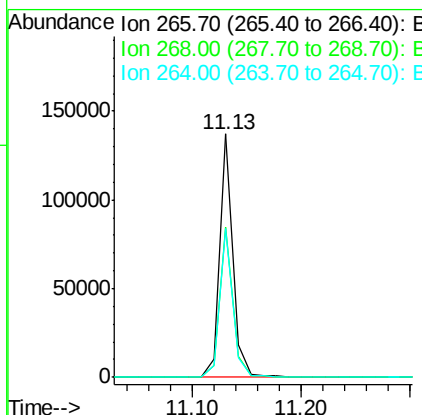
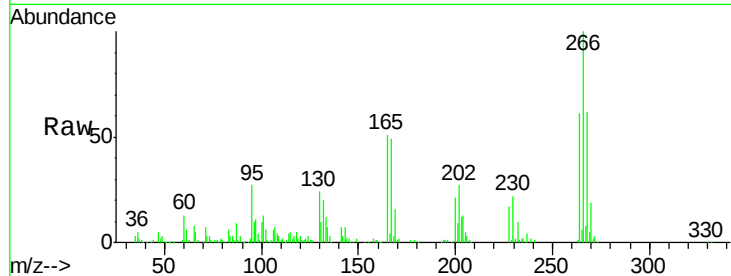
#69
 Pentachlorophenol
 Concen: 42.74 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	52.8	79.2
264	61.3	49.6	74.4

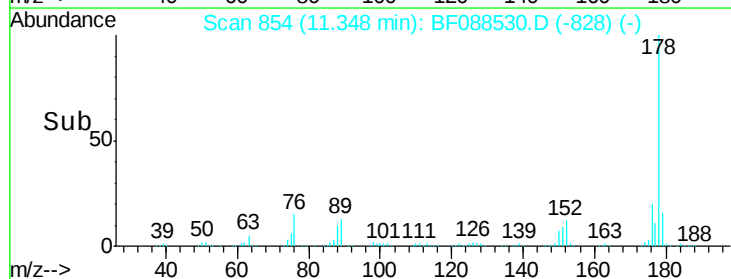
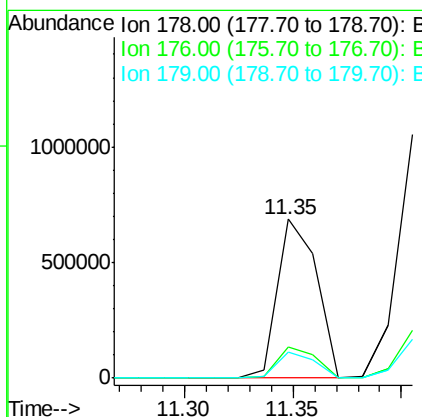
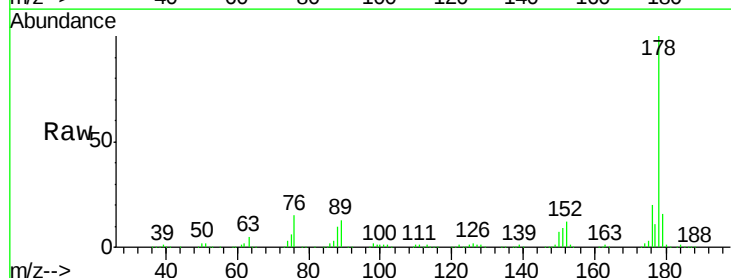
Manual Integrations

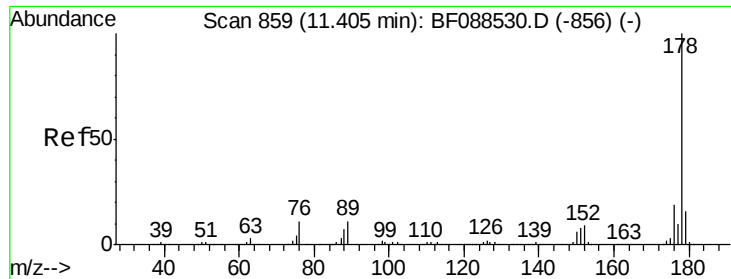
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#70
 Phenanthrene
 Concen: 36.45 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

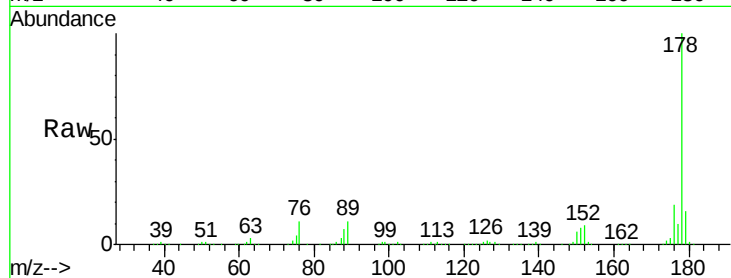
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.1	13.0	19.4





#71
 Anthracene
 Concen: 39.04 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

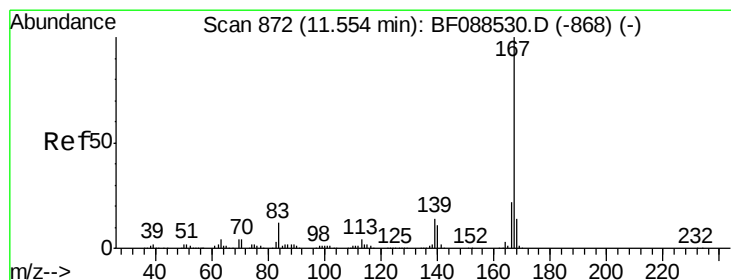
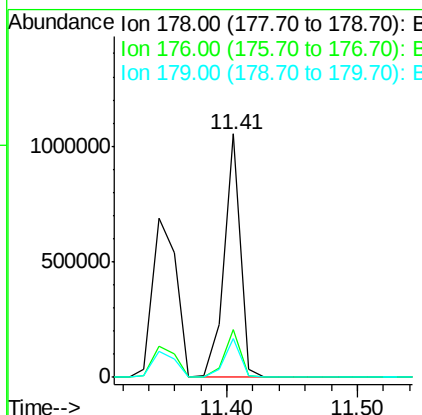
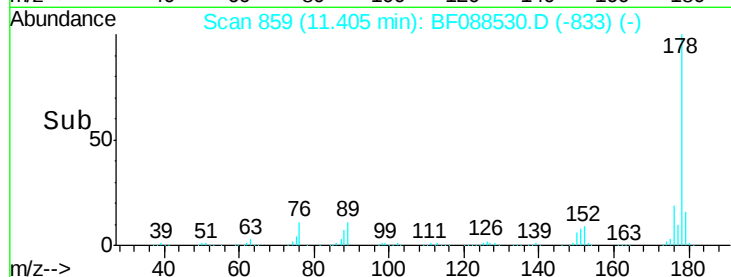
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



Tgt Ion:178 Resp: 911560
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.9 12.8 19.2

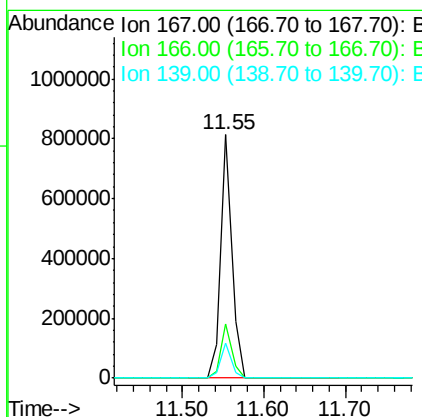
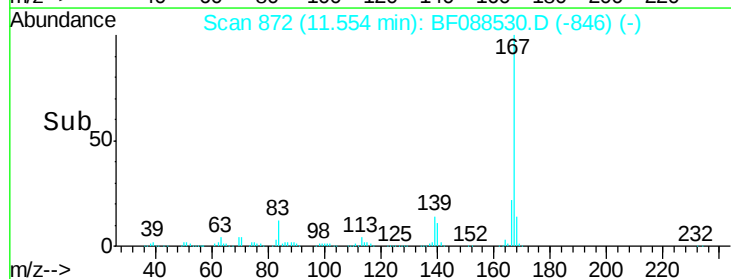
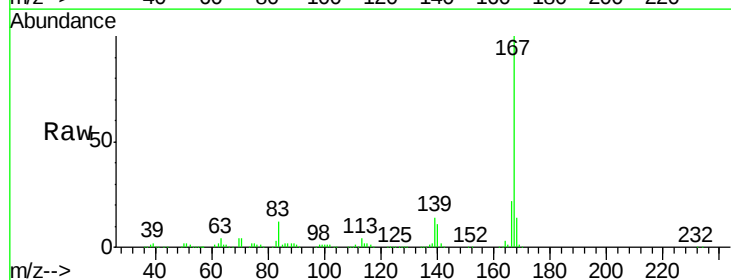
Manual Integrations

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#72
 Carbazole
 Concen: 34.49 ng
 RT: 11.55 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Tgt Ion:167 Resp: 769299
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 14.5 11.2 16.8





#73

Di-n-butylphthalate

Concen: 36.24 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

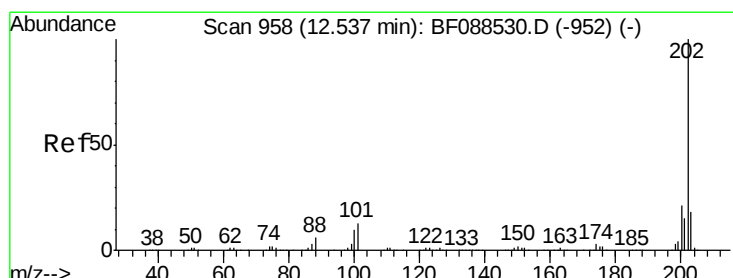
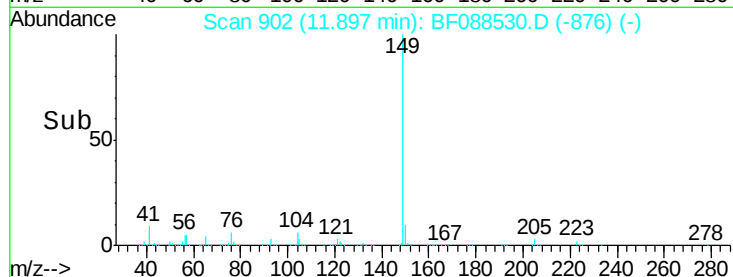
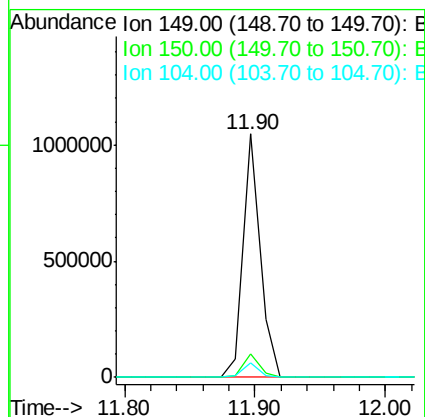
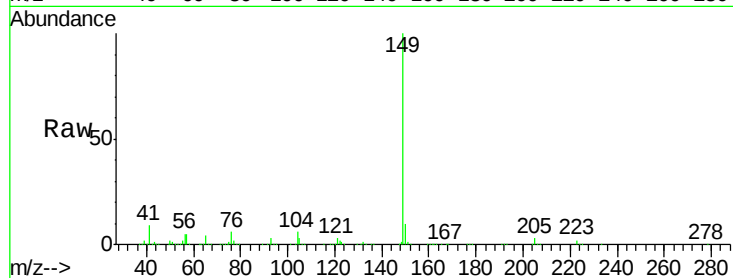
SSTDICCC040

Tgt Ion:	149	Resp:	943456
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.7	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 42.20 ng

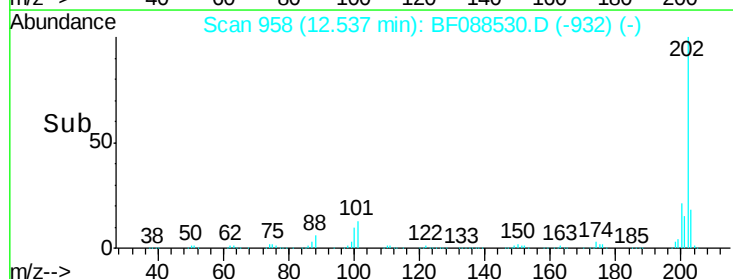
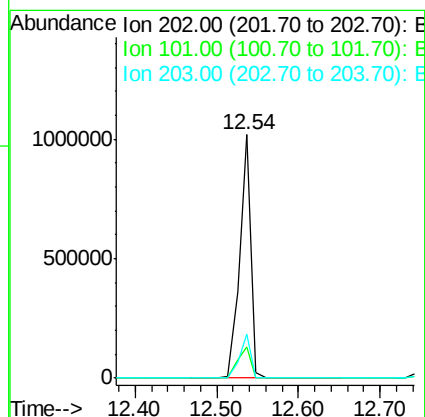
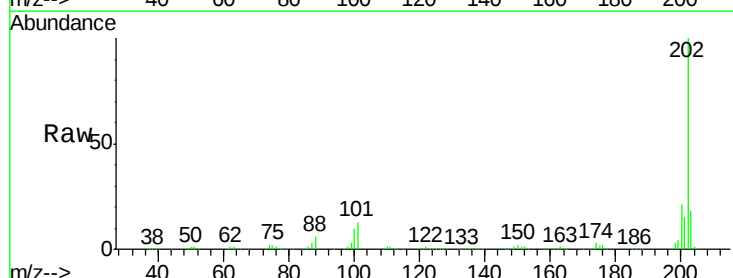
RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Tgt Ion:	202	Resp:	972329
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:240 Resp: 286195

Ion Ratio Lower Upper

240 100

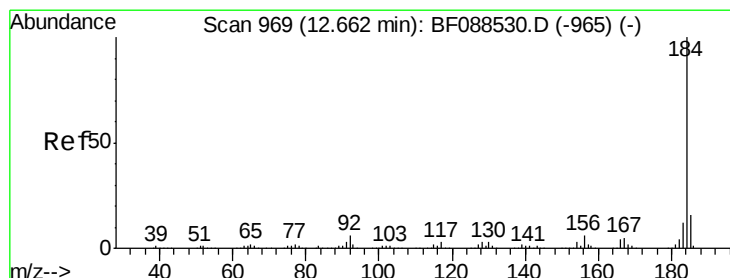
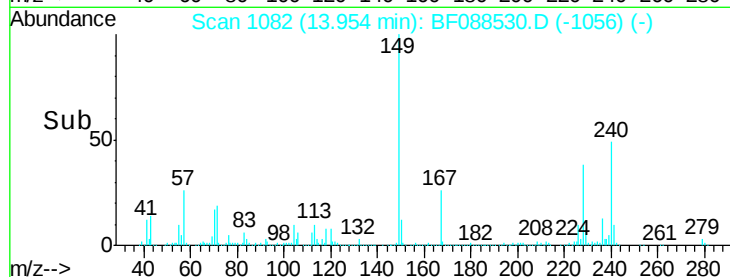
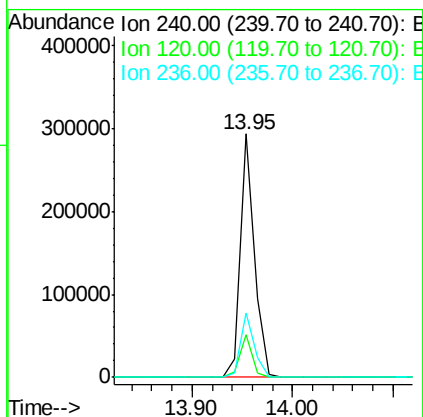
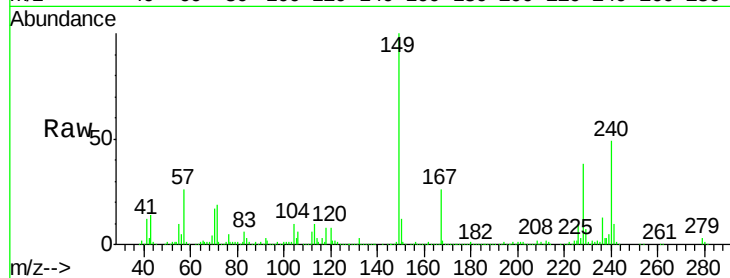
120 17.3 6.8 10.2#

236 26.5 20.2 30.2

Manual Integrations

SOHIL

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#76

Benzidine

Concen: 64.00 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

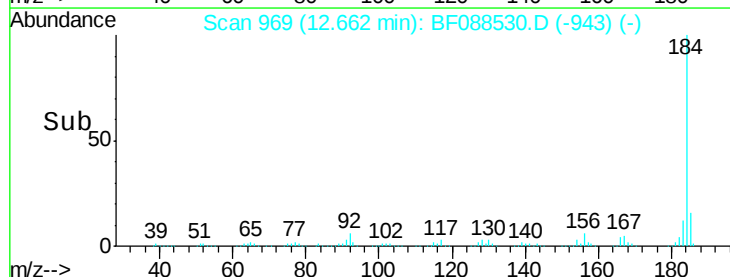
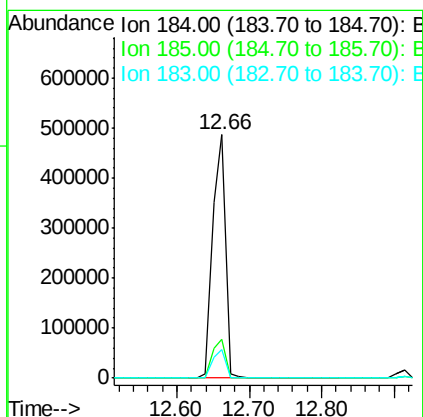
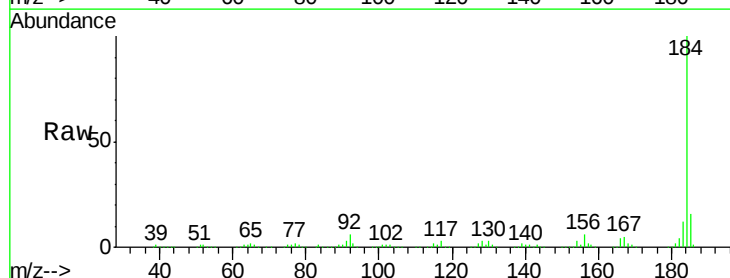
Tgt Ion:184 Resp: 594535

Ion Ratio Lower Upper

184 100

185 15.7 12.5 18.7

183 11.6 9.3 13.9





#77

Pyrene

Concen: 41.73 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:202 Resp: 1022682

Ion Ratio Lower Upper

202 100

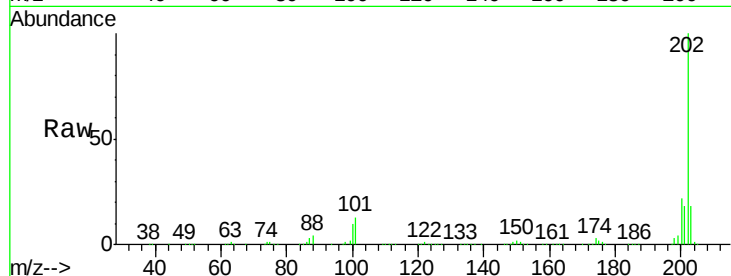
200 21.9 17.4 26.2

203 17.7 14.5 21.7

Manual Integrations

SOHIL

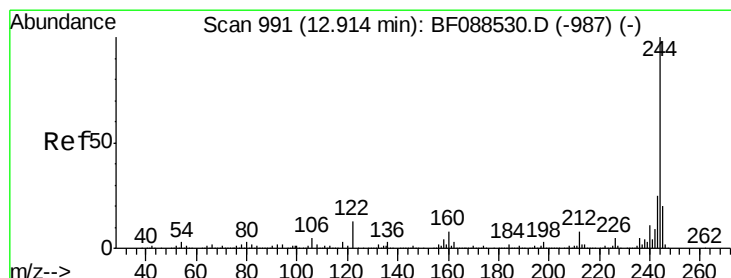
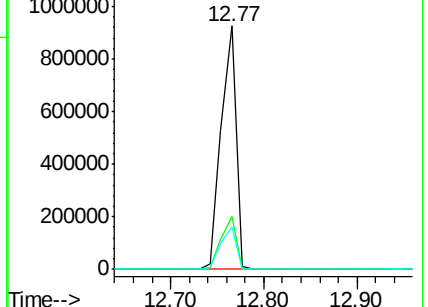
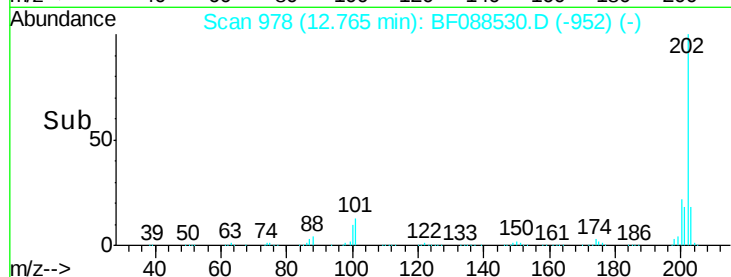
7/1/2016 8:06:51 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 38.44 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

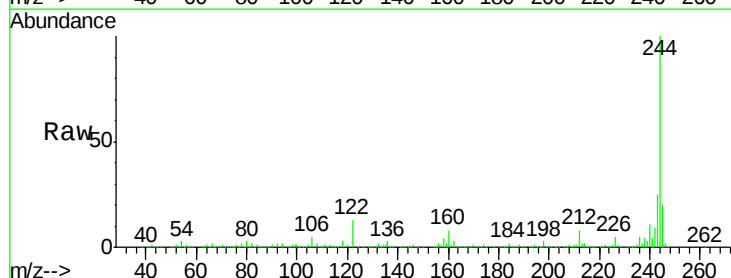
Tgt Ion:244 Resp: 1004009

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

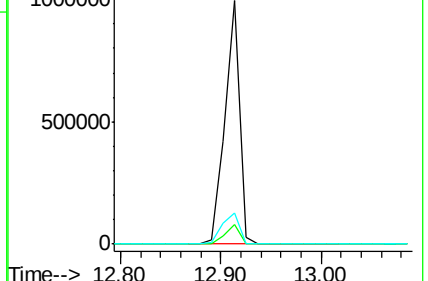
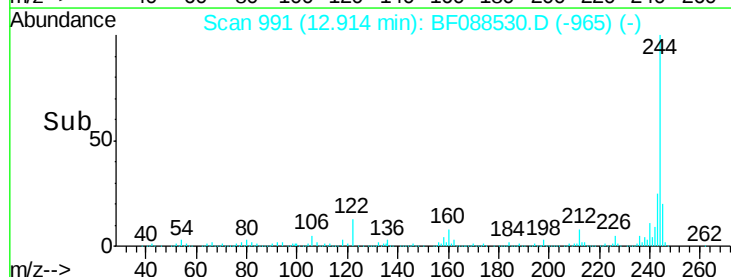
122 12.7 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





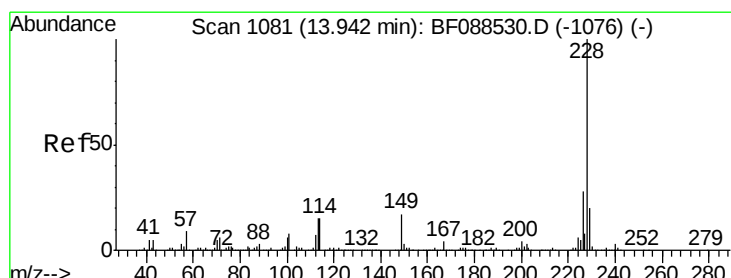
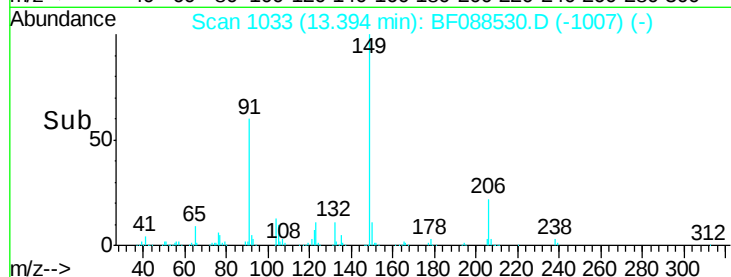
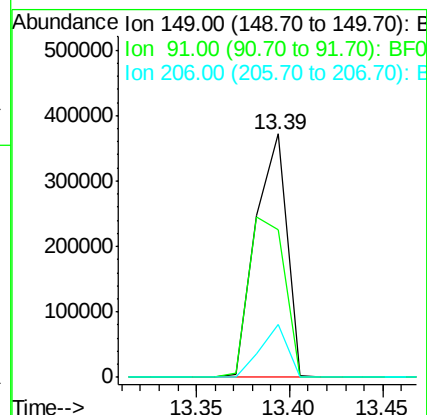
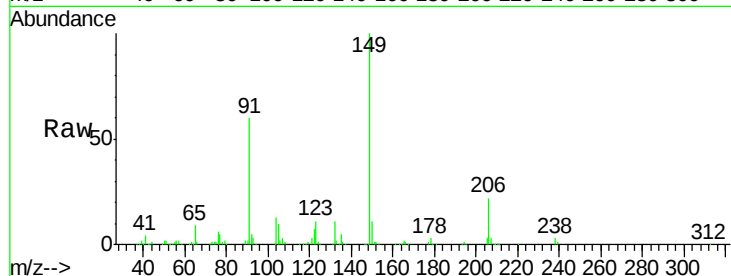
#79
Butylbenzylphthalate
Concen: 39.32 ng
RT: 13.39 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.4	48.0	72.0
206	21.9	16.0	24.0

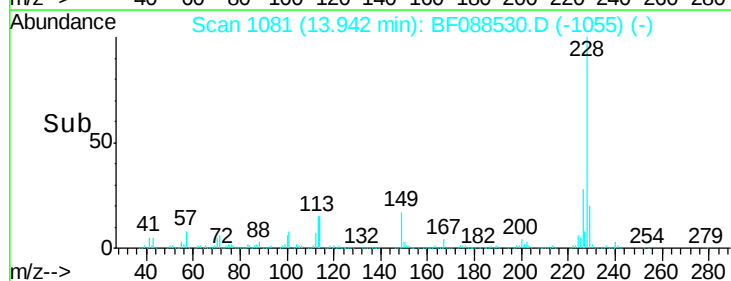
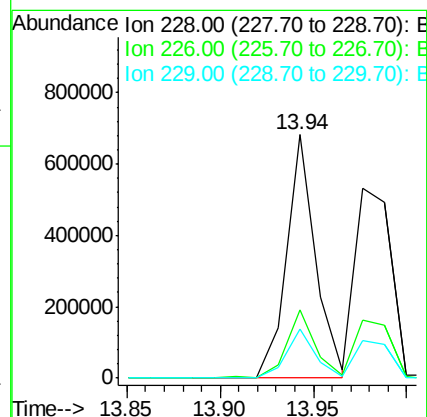
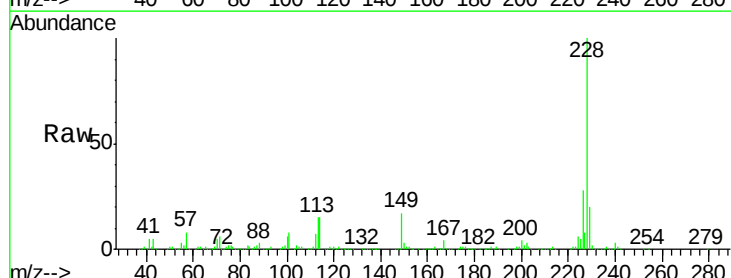
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#80
Benzo(a)anthracene
Concen: 38.86 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.0	16.0	24.0





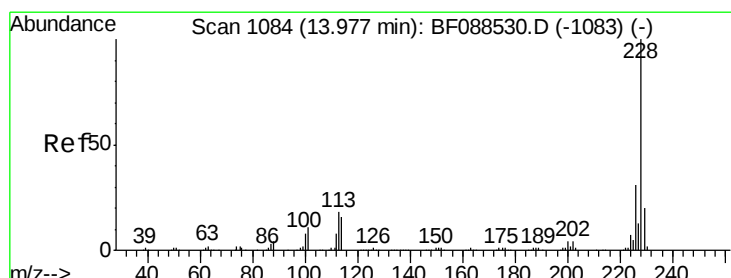
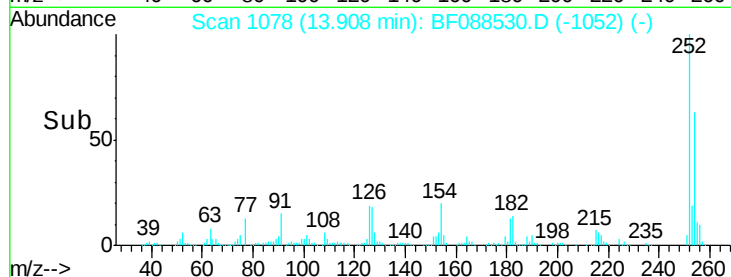
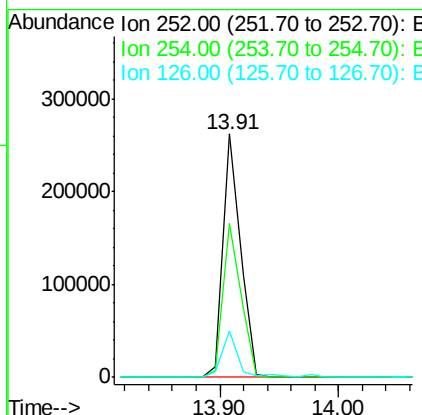
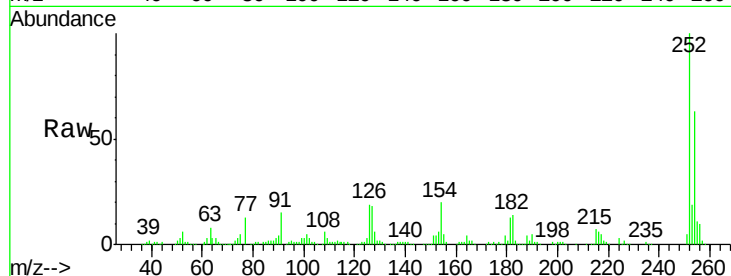
#81
 3,3'-Dichlorobenzidine
 Concen: 42.15 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.6	78.8
126	19.0	6.2	9.2

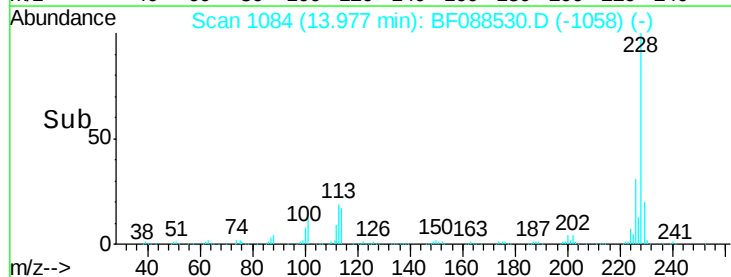
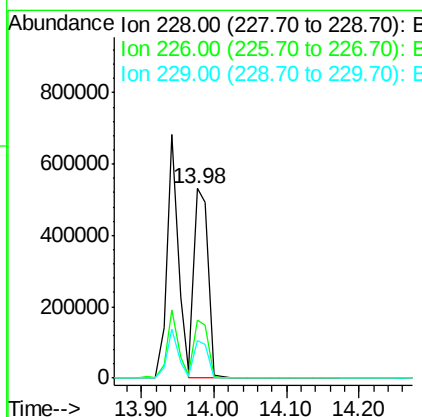
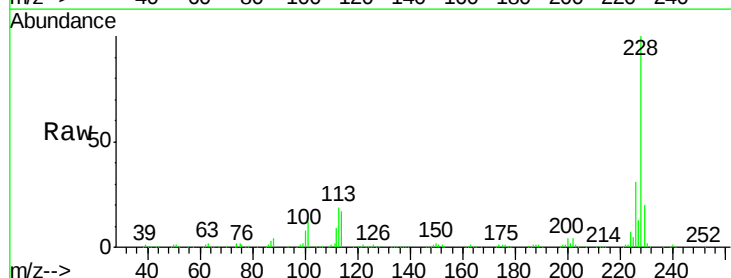
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#82
 Chrysene
 Concen: 38.52 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	20.0	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.08 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088530.D

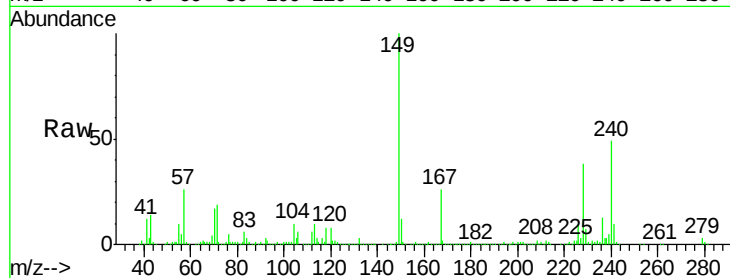
Acq: 30 Jun 2016 15:39

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:149 Resp: 521148

Ion Ratio Lower Upper

149 100

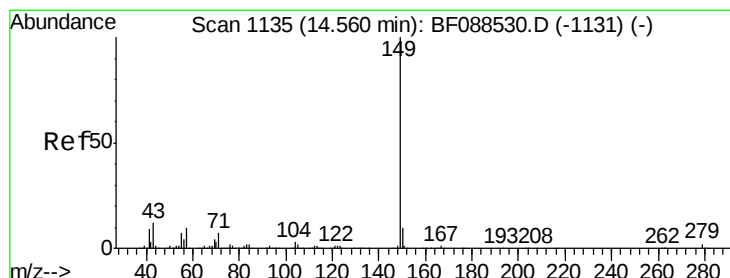
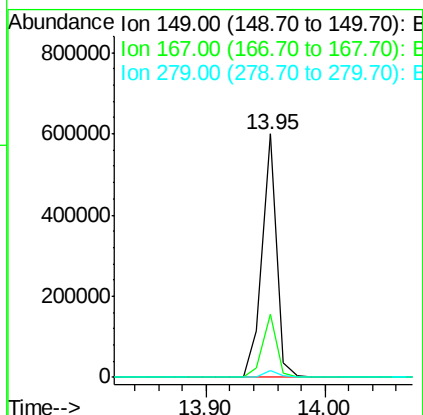
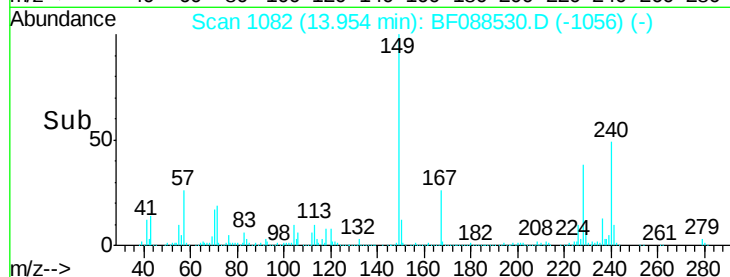
167 25.9 20.5 30.7

279 3.0 2.0 3.0

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#84

Di-n-octyl phthalate

Concen: 41.88 ng

RT: 14.56 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF088530.D

Acq: 30 Jun 2016 15:39

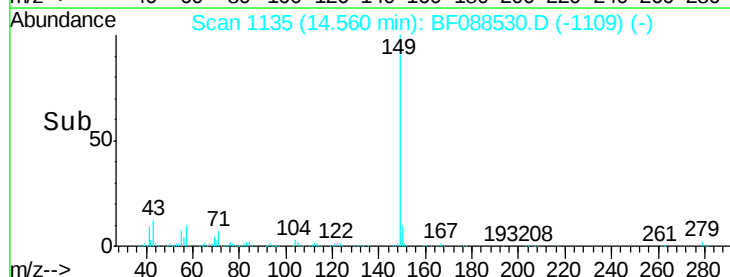
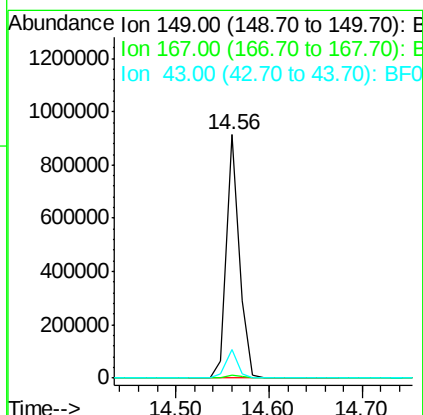
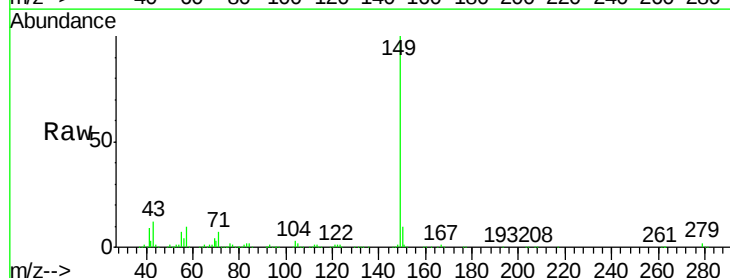
Tgt Ion:149 Resp: 879279

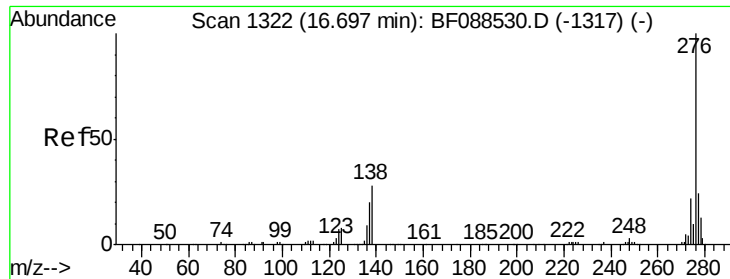
Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

43 10.9 0.0 0.0#





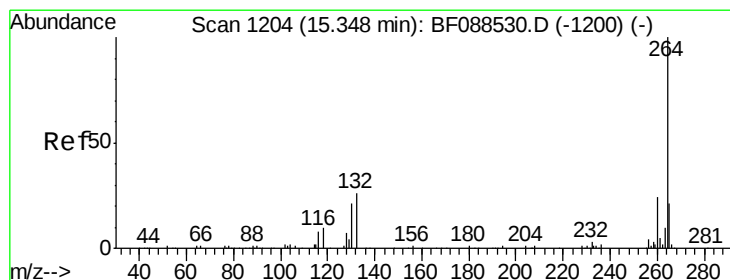
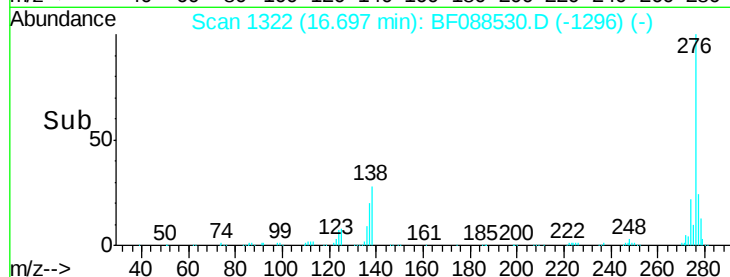
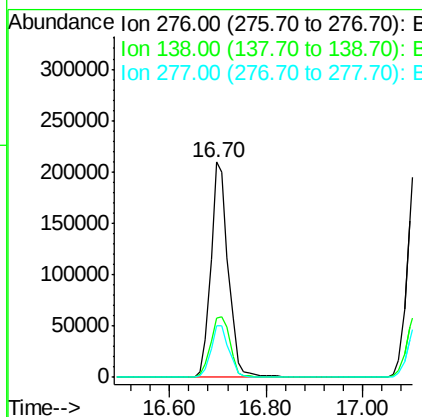
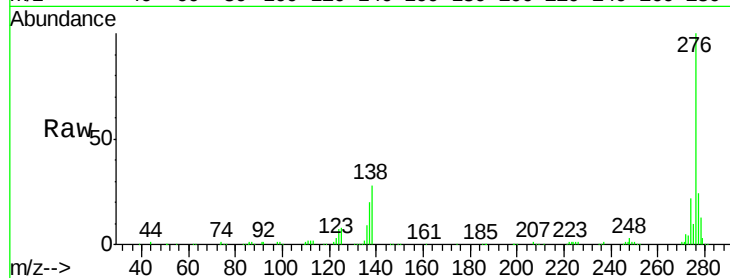
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.26 ng
RT: 16.70 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	534858		
138	31.7	0.0	0.0	0.0
277	25.2	0.0	0.0	0.0

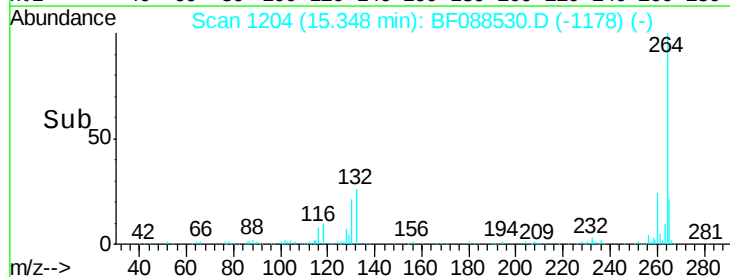
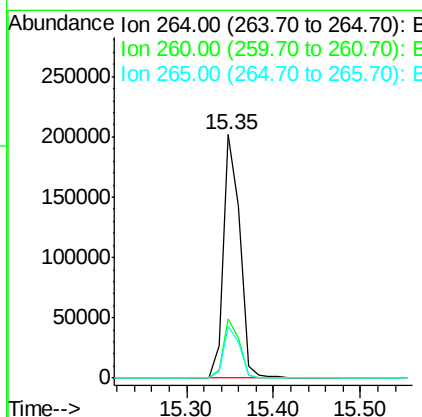
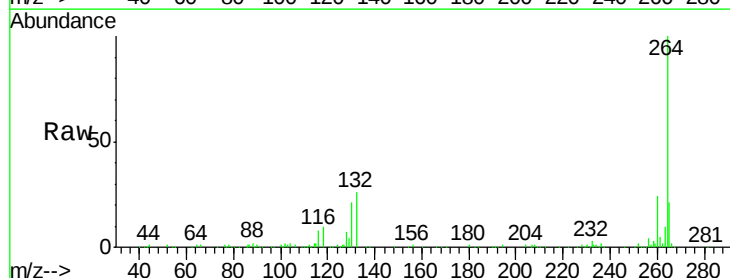
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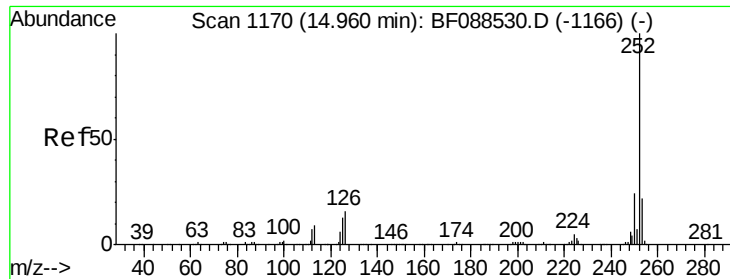
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	265658		
260	24.2	19.2	28.8	
265	21.4	16.9	25.3	





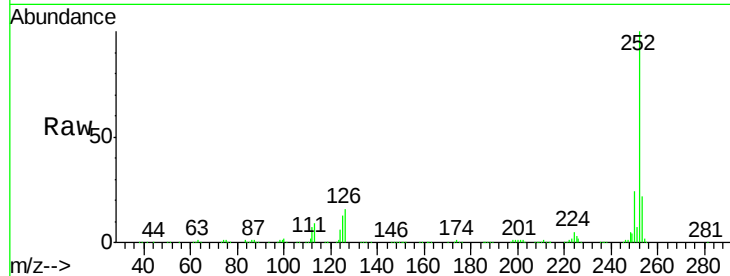
#87
Benzo(b)fluoranthene
Concen: 38.62 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

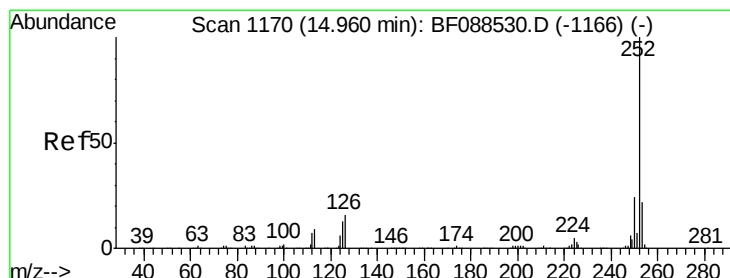
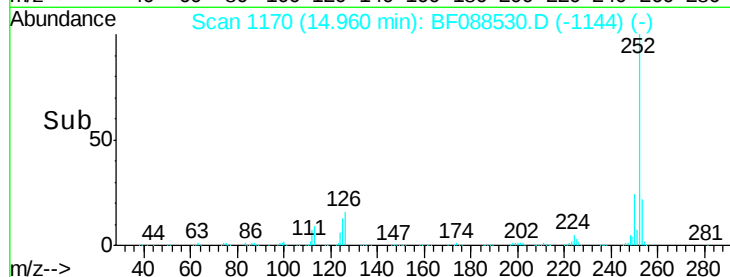
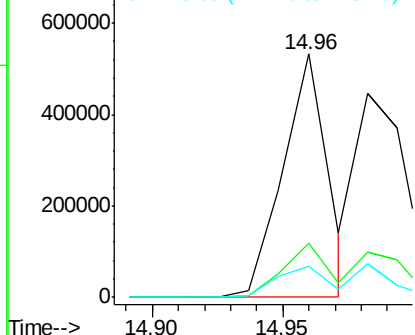
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	12.6	7.1	10.7

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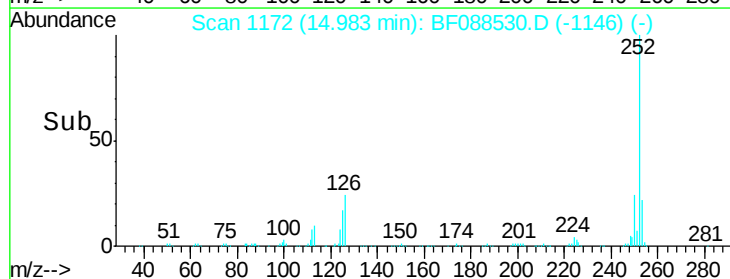
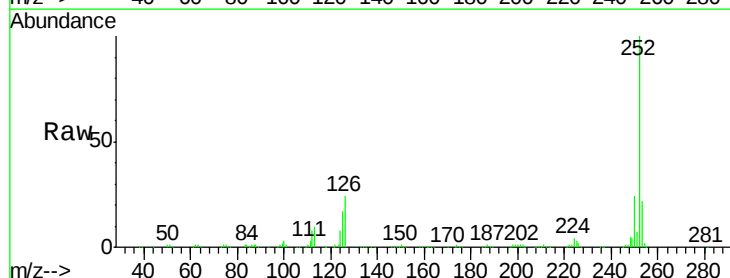
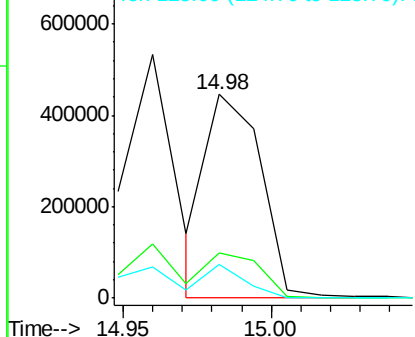
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

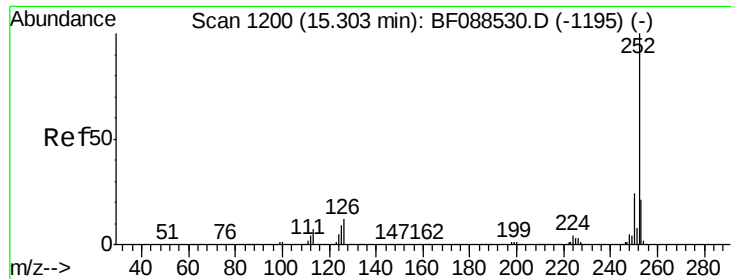


#88
Benzo(k)fluoranthene
Concen: 38.26 ng m
RT: 14.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	16.7	11.2	16.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





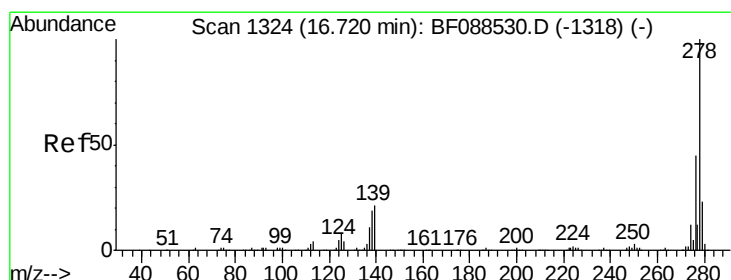
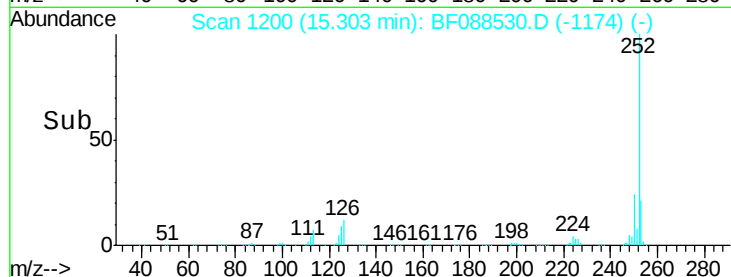
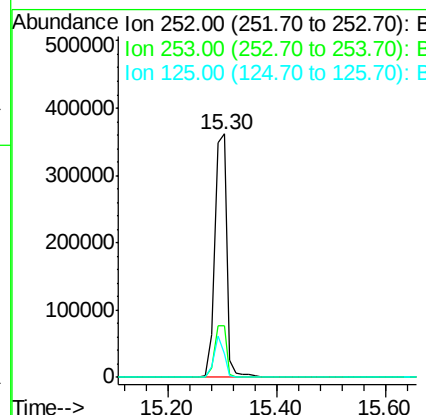
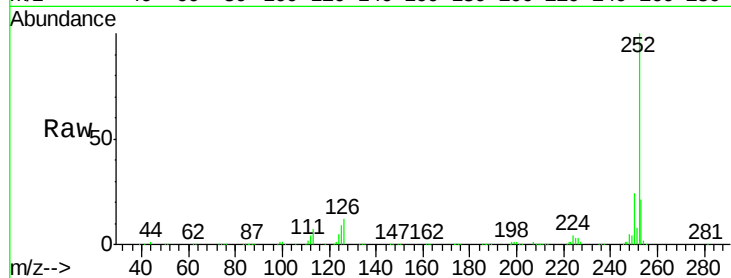
#89
Benzo(a)pyrene
Concen: 38.11 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	9.5	12.5	18.7

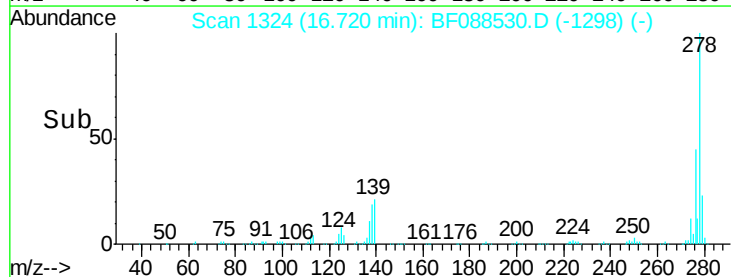
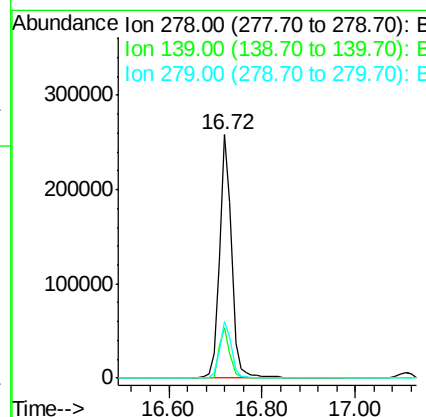
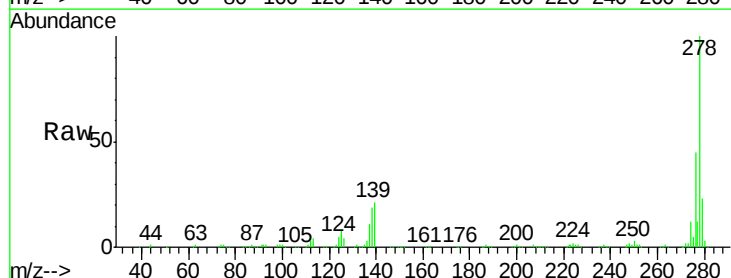
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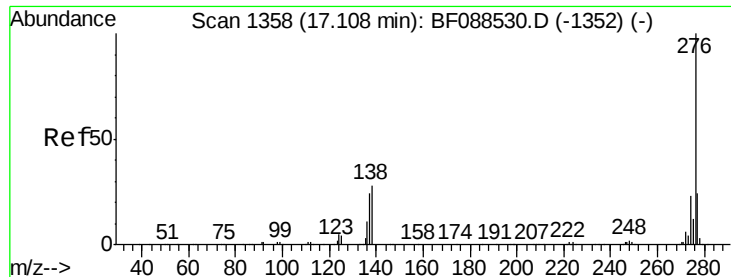
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#90
Dibenzo(a,h)anthracene
Concen: 37.95 ng
RT: 16.72 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF088530.D
Acq: 30 Jun 2016 15:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.7	23.5
279	23.3	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 37.82 ng
 RT: 17.11 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF088530.D
 Acq: 30 Jun 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tgt Ion:	276	Resp:	477433
Ion Ratio		Lower	Upper
276	100		
277	24.0	18.9	28.3
138	27.9	21.4	32.2

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