

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088898.D
 Acq On : 11 Jul 2016 14:25
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

sohil
 7/12/2016 7:36:49 PM

Quant Time: Jul 11 18:15:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	69671	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	299796	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	137319	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	264662	20.00	ng	0.00
75) Chrysene-d12	13.85	240	194523	20.00	ng	0.00
86) Perylene-d12	15.21	264	171543	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	357000	76.79	ng	0.00
7) Phenol-d6	6.35	99	448451	74.66	ng	0.00
23) Nitrobenzene-d5	7.28	82	399616	69.85	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	126760	99.41	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	701050	80.64	ng	0.00
78) Terphenyl-d14	12.80	244	701071	80.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	85354	37.03	ng	# 41
3) Pyridine	2.88	79	234169	35.01	ng	92
4) n-Nitrosodimethylamine	2.83	42	85711	33.55	ng	88
6) Aniline	6.38	93	326211	37.26	ng	99
8) 2-Chlorophenol	6.49	128	194935	39.02	ng	98
9) Benzaldehyde	6.25	77	133094	32.71	ng	87
10) Phenol	6.36	94	244932	35.73	ng	# 49
11) bis(2-Chloroethyl)ether	6.46	93	204760	40.05	ng	# 82
12) 1,3-Dichlorobenzene	6.65	146	225844	41.08	ng	99
13) 1,4-Dichlorobenzene	6.73	146	236833	43.40	ng	99
14) 1,2-Dichlorobenzene	6.88	146	197476	38.66	ng	# 88
15) Benzyl Alcohol	6.86	79	160755	36.36	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	239727	32.38	ng	90
17) 2-Methylphenol	6.98	107	167920	41.20	ng	99
18) Hexachloroethane	7.22	117	84159	39.87	ng	# 83
19) n-Nitroso-di-n-propylamine	7.14	70	157690	39.08	ng	# 84
20) 3+4-Methylphenols	7.13	107	183928	37.60	ng	# 70
22) Acetophenone	7.13	105	299294	41.13	ng	# 90
24) Nitrobenzene	7.30	77	237215	41.13	ng	93
25) Isophorone	7.54	82	377255	35.60	ng	97
26) 2-Nitrophenol	7.61	139	97520	41.23	ng	93
27) 2,4-Dimethylphenol	7.67	122	186019	37.76	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	267553	38.80	ng	# 96
29) 2,4-Dichlorophenol	7.86	162	165384	41.54	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	179355	41.05	ng	100
31) Naphthalene	8.02	128	638493	43.20	ng	99
32) Benzoic acid	7.80	122	144845	40.50	ng	96
33) 4-Chloroaniline	8.07	127	237553	36.12	ng	95
34) Hexachlorobutadiene	8.15	225	103527	44.25	ng	98
35) Caprolactam	8.44	113	51827	38.33	ng	93
36) 4-Chloro-3-methylphenol	8.56	107	190150	40.39	ng	93
37) 2-Methylnaphthalene	8.71	142	352875	37.08	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	207612	45.46	ng	# 1
40) Hexachlorocyclopentadiene	8.87	237	79394	35.42	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	120743	40.10	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	111972	43.22	nq #	88
45) 1,1'-Biphenyl	9.18	154	494587	43.50	nq	97
46) 2-Chloronaphthalene	9.20	162	382840	42.89	nq	99
47) 2-Nitroaniline	9.29	65	109587	34.59	nq	98
48) Acenaphthylene	9.61	152	614393	43.26	nq	99
49) Dimethylphthalate	9.48	163	428569	43.81	nq	99
50) 2,6-Dinitrotoluene	9.54	165	100171	46.20	nq	97
51) Acenaphthene	9.78	154	378209	43.44	nq	98
52) 3-Nitroaniline	9.70	138	96694	35.08	nq	91
53) 2,4-Dinitrophenol	9.80	184	40073	41.86	nq #	77
54) Dibenzofuran	9.95	168	486026	42.65	nq #	90
55) 4-Nitrophenol	9.87	139	82039	39.17	nq #	68
56) 2,4-Dinitrotoluene	9.94	165	128491	45.32	nq #	89
57) Fluorene	10.30	166	397719	45.29	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	81971	40.89	nq #	48
59) Diethylphthalate	10.18	149	411810	41.94	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	157475	38.59	nq #	87
61) 4-Nitroaniline	10.32	138	112687	42.48	nq	95
62) Azobenzene	10.44	77	419652	37.47	nq	94
64) 4,6-Dinitro-2-methylphenol	10.34	198	58708	41.47	nq	93
65) n-Nitrosodiphenylamine	10.41	169	367168	40.99	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	112160	42.05	nq	94
67) Hexachlorobenzene	10.83	284	113644	38.49	nq #	90
68) Atrazine	10.94	200	97097	34.79	nq	91
69) Pentachlorophenol	11.03	266	64330	36.82	nq	98
70) Phenanthrene	11.24	178	525049	36.29	nq	99
71) Anthracene	11.30	178	605034	42.06	nq	98
72) Carbazole	11.45	167	472100	34.87	nq	99
73) Di-n-butylphthalate	11.79	149	611359	38.82	nq	99
74) Fluoranthene	12.42	202	552241	37.65	nq	98
76) Benzidine	12.55	184	427140	43.44	nq	99
77) Pyrene	12.65	202	562736	34.12	nq	99
79) Butylbenzylphthalate	13.28	149	256896	34.92	nq #	76
80) Benzo(a)anthracene	13.84	228	488835	39.03	nq	98
81) 3,3'-Dichlorobenzidine	13.81	252	194864	41.38	nq #	98
82) Chrysene	13.87	228	490914	39.61	nq	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	341279	40.63	nq #	97
84) Di-n-octyl phthalate	14.46	149	622254	43.61	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	355298	37.27	nq #	100
87) Benzo(b)fluoranthene	14.83	252	398528m	37.03	nq	
88) Benzo(k)fluoranthene	14.87	252	434316m	46.36	nq	
89) Benzo(a)pyrene	15.17	252	382707	42.00	nq #	92
90) Dibenzo(a,h)anthracene	16.51	278	308842	40.59	nq	99
91) Benzo(g,h,i)perylene	16.89	276	307490	39.06	nq #	94

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

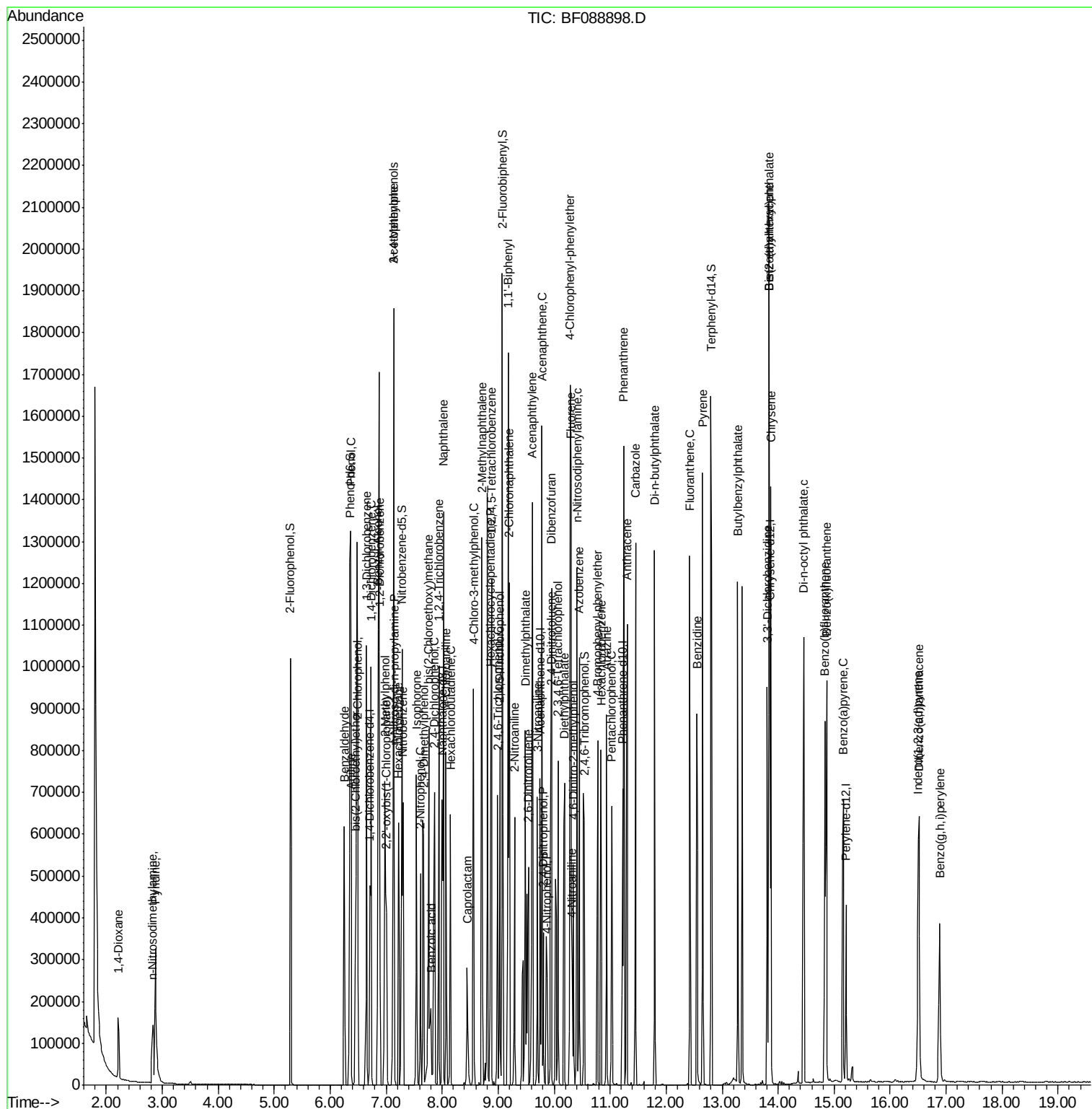
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
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Acq On : 11 Jul 2016 14:25
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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

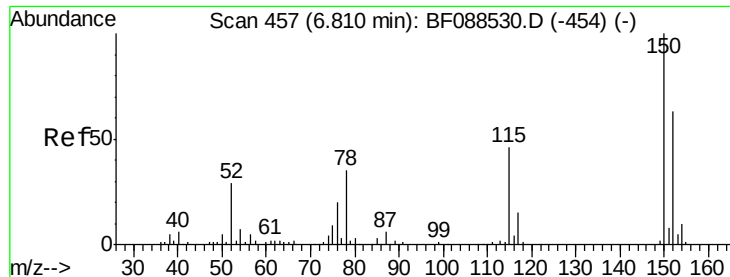
Instrument :
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#1

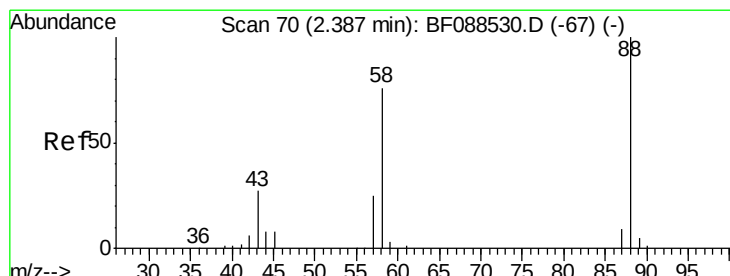
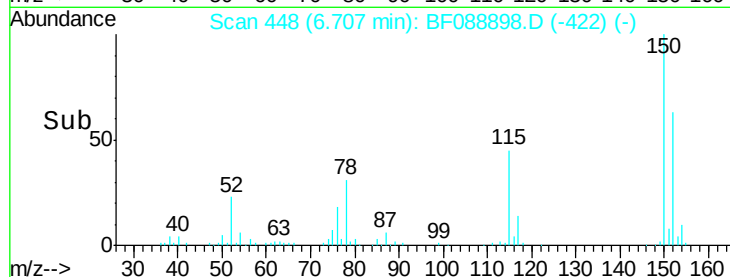
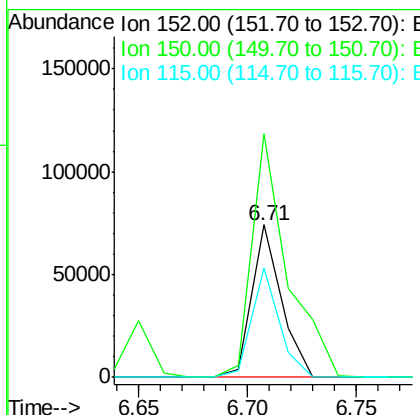
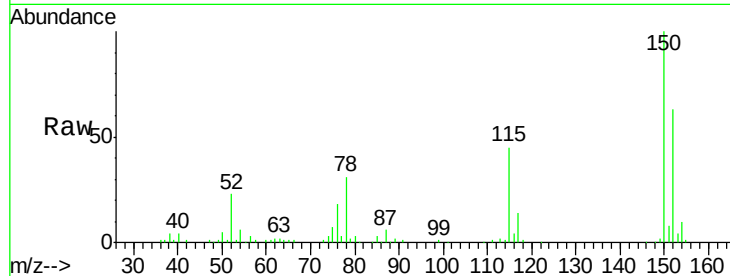
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.8	185.6
115	71.5	39.6	59.4

Manual Integrations

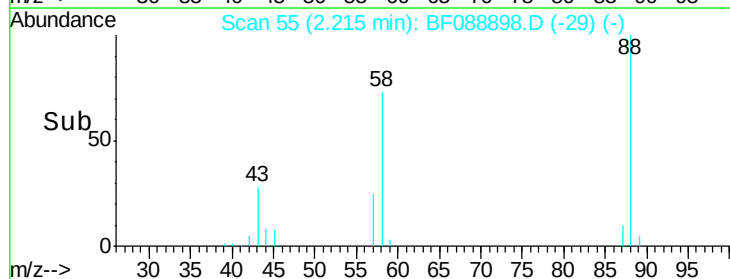
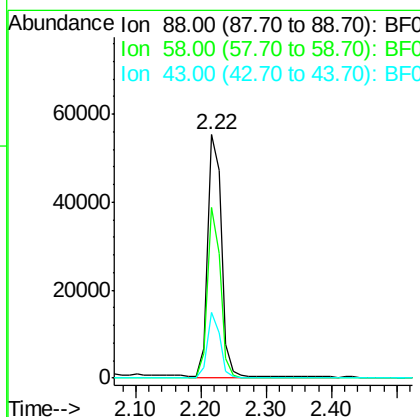
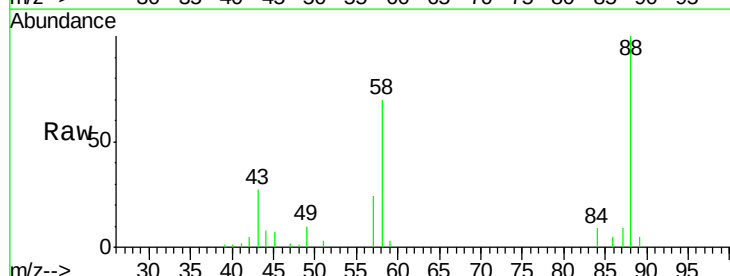
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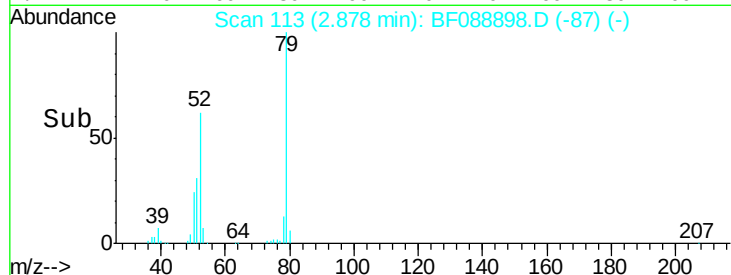
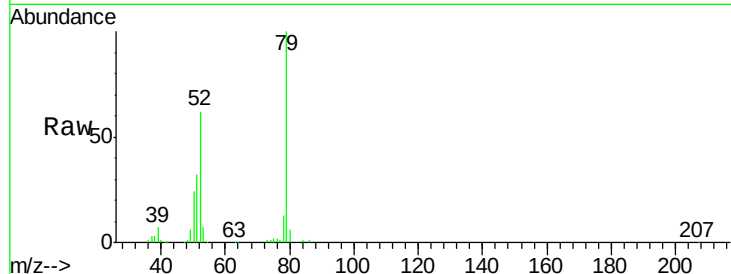
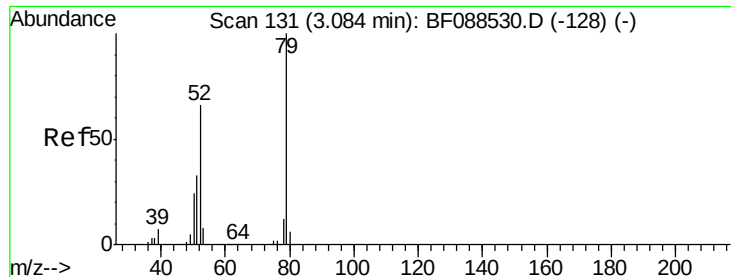


#2

1,4-Dioxane
Concen: 37.03 ng
RT: 2.22 min Scan# 55
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.8	0.0	0.0
43	23.8	3.4	5.2





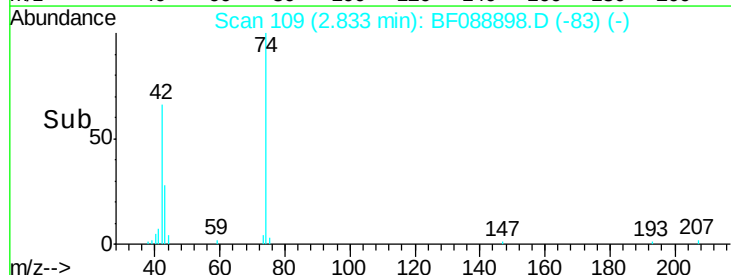
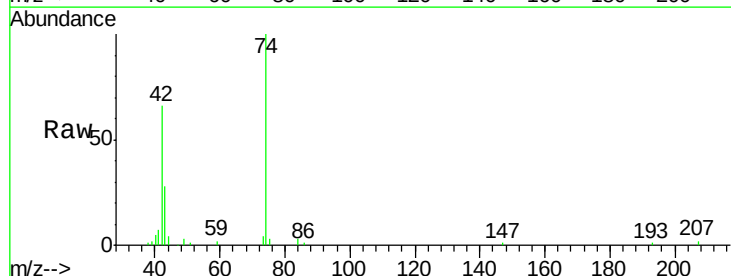
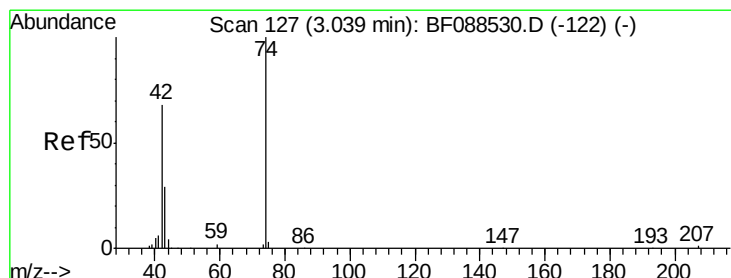
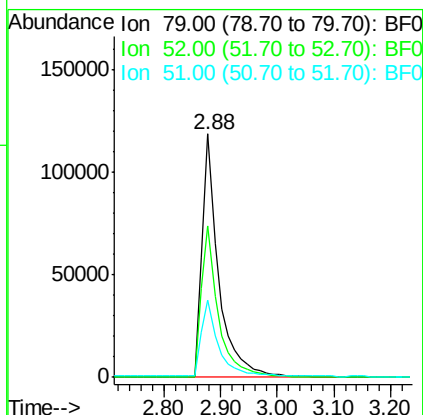
#3
Pvridine
Concen: 35.01 ng
RT: 2.88 min Scan# 113
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.0	56.3	84.5
51	31.6	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

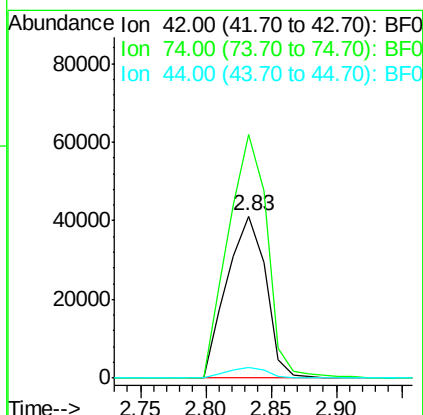
Manual Integrations

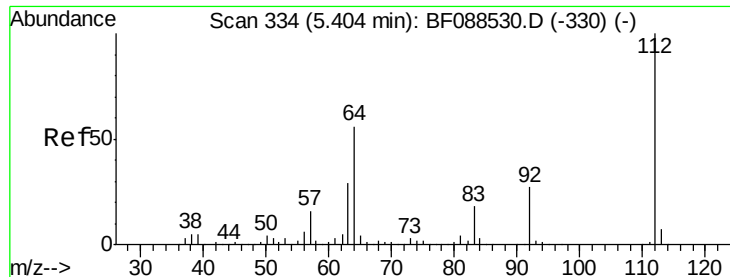
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#4
n-Nitrosodimethylamine
Concen: 33.55 ng
RT: 2.83 min Scan# 109
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.4	108.6	163.0
44	6.4	5.5	8.3





#5

2-Fluorophenol

Concen: 76.79 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

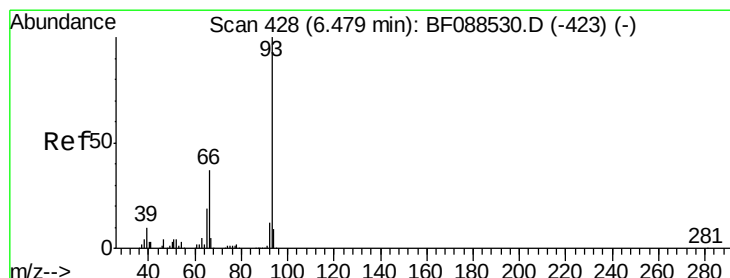
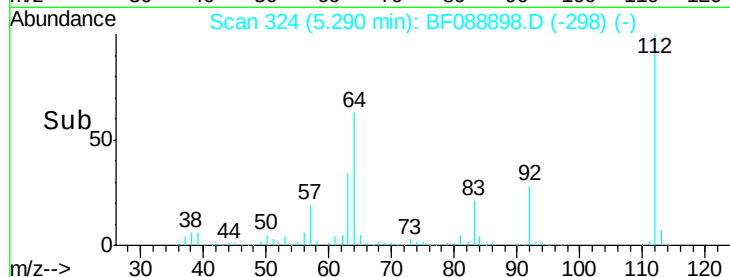
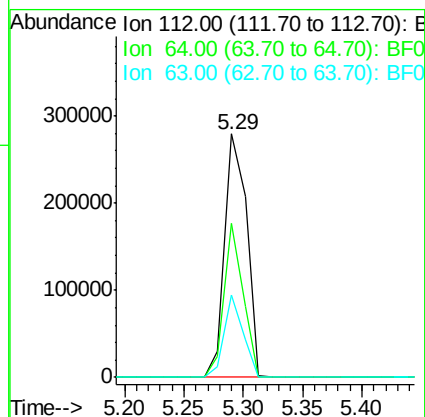
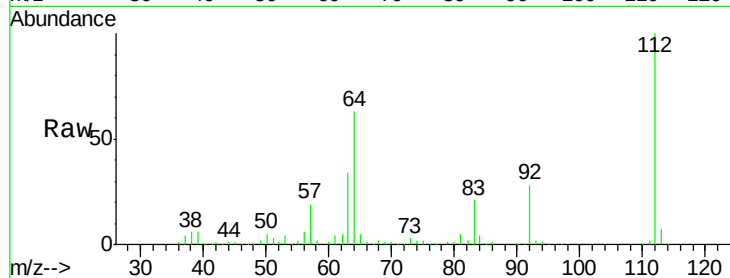
SSTDCCC040

Tot Ion:	112	Resp:	357000
Ion Ratio	Lower	Upper	
112	100		
64	63.0	42.2	63.2
63	33.6	21.8	32.8

Manual Integrations

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#6

Aniline

Concen: 37.26 ng

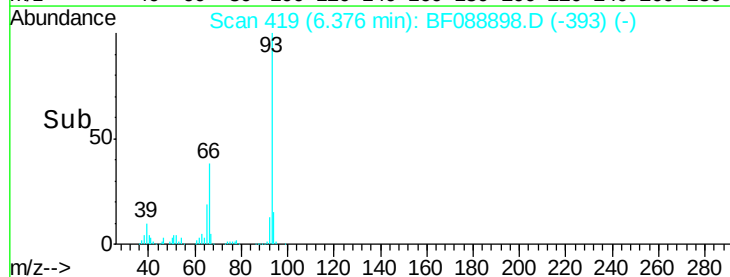
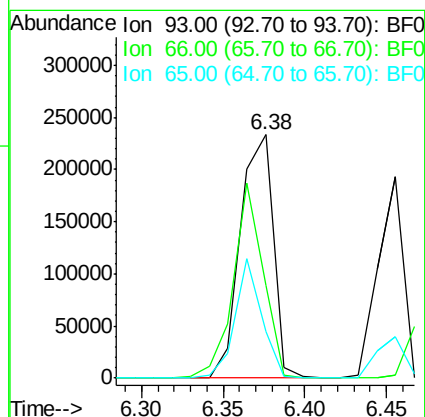
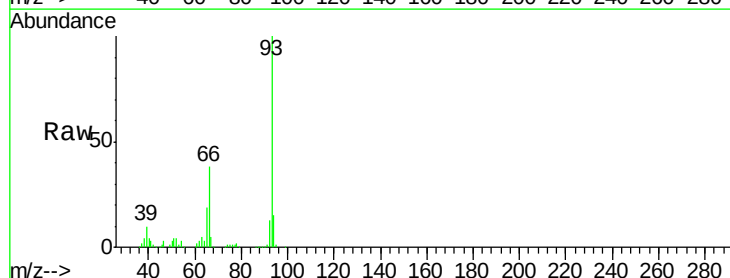
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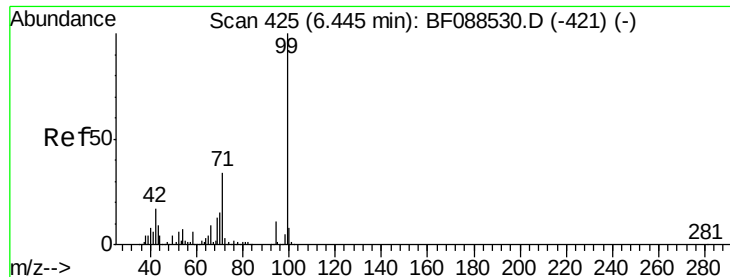
Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:	93	Resp:	326211
Ion Ratio	Lower	Upper	
93	100		
66	37.9	29.8	44.8
65	18.9	14.9	22.3





#7

Phenol-d6

Concen: 74.66 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

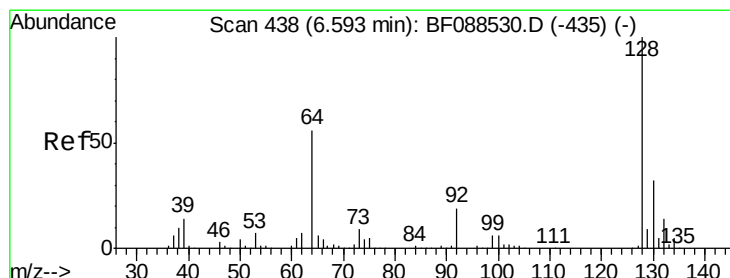
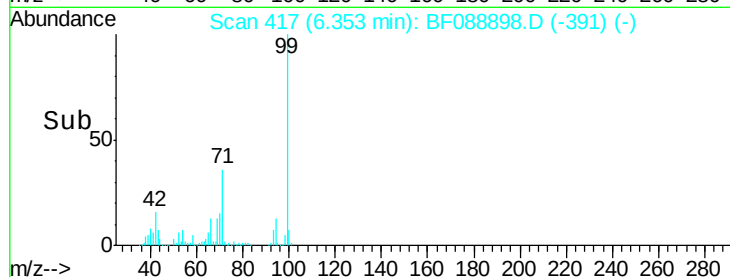
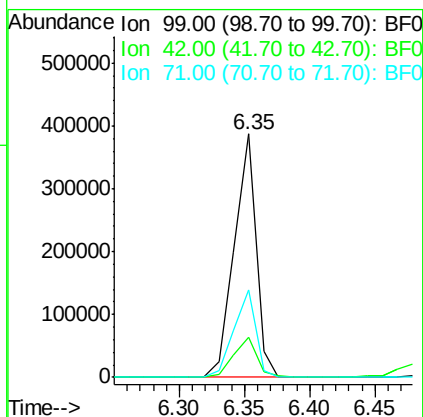
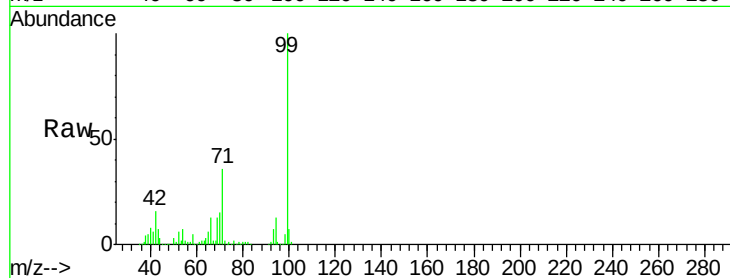
SSTDCCC040

Tot Ion:	99	Resp:	448451
Ion Ratio	Lower	Upper	
99	100		
42	16.3	12.2	18.2
71	35.9	23.4	35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.02 ng

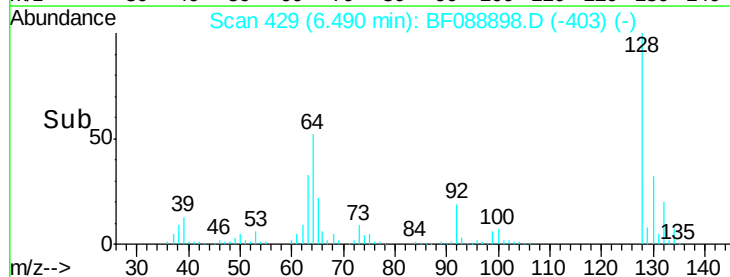
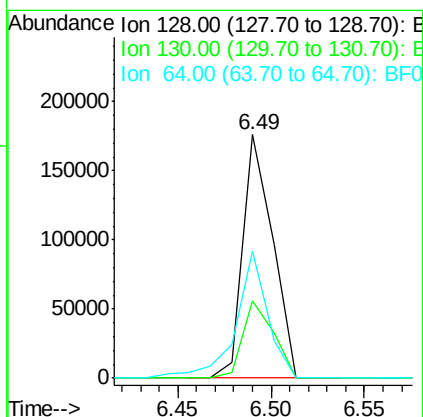
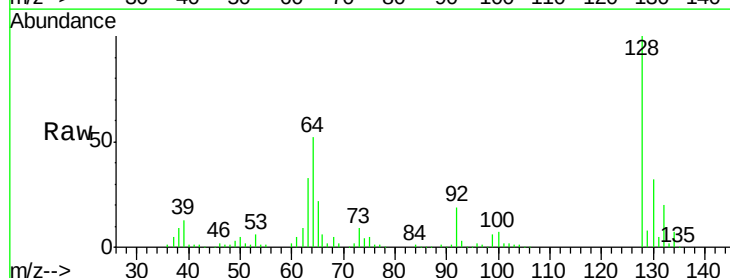
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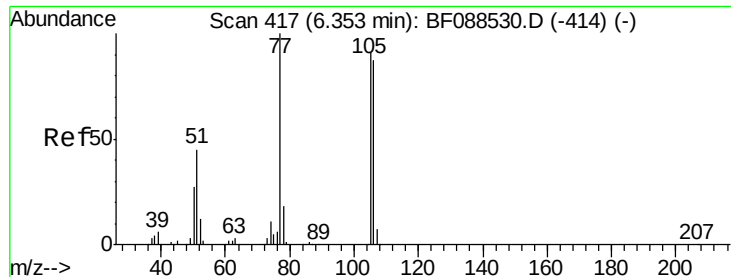
Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:	128	Resp:	194935
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.0	52.0
64	52.1	30.8	70.8





#9

Benzaldehyde

Concen: 32.71 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

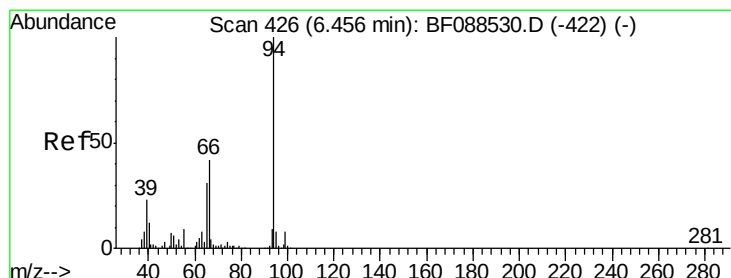
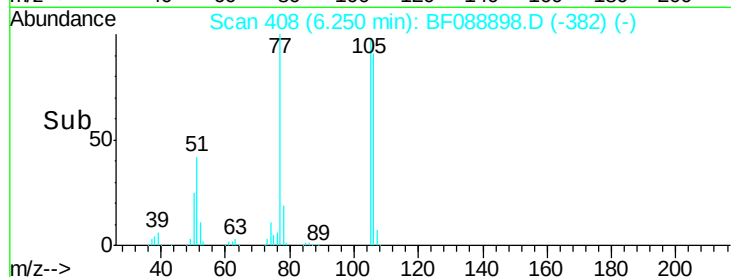
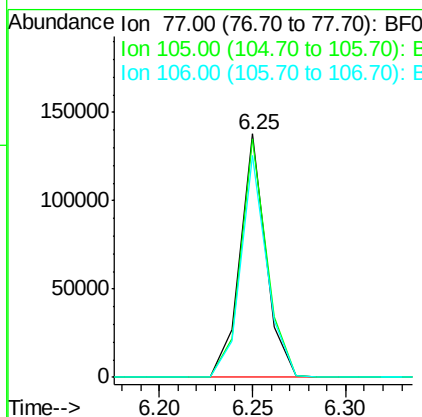
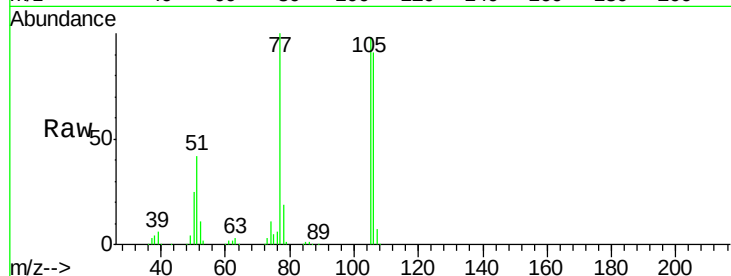
SSTDCCC040

Tot Ion:	77	Resp:	133094
Ion Ratio	Lower	Upper	
77	100		
105	97.9	90.6	130.6
106	91.2	85.3	125.3

Manual Integrations

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#10

Phenol

Concen: 35.73 ng

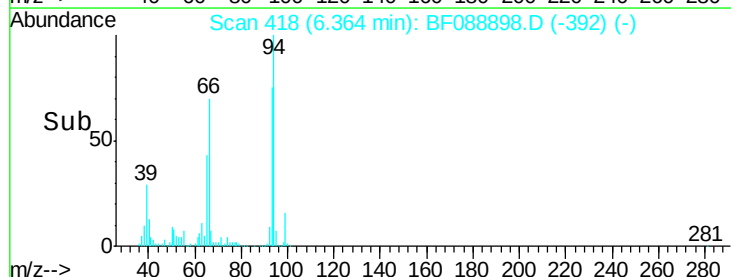
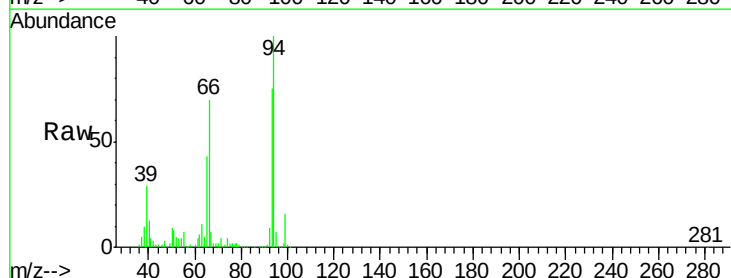
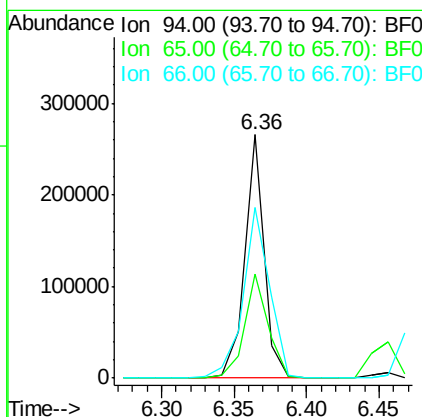
RT: 6.36 min Scan# 418

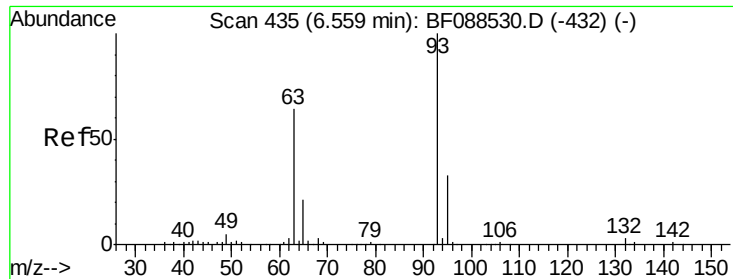
Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:	94	Resp:	244932
Ion Ratio	Lower	Upper	
94	100		
65	43.0	5.9	45.9
66	70.3	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 40.05 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

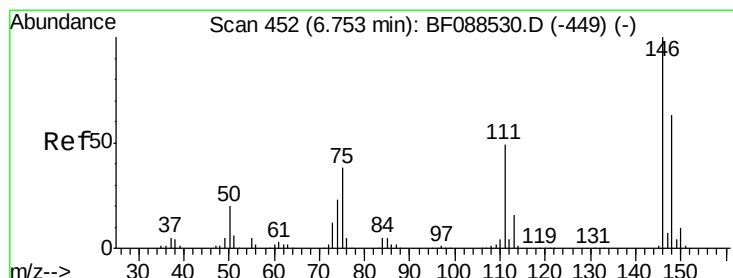
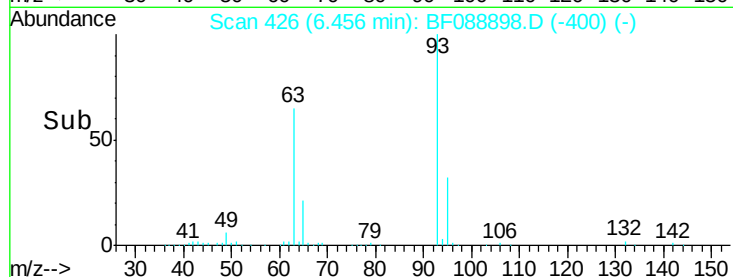
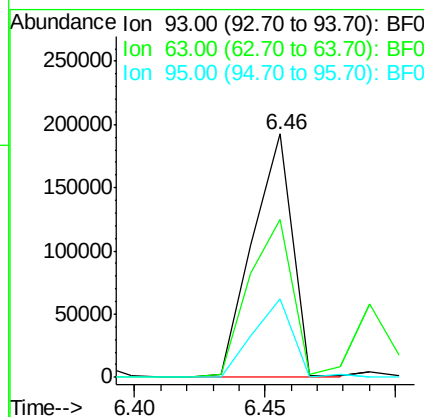
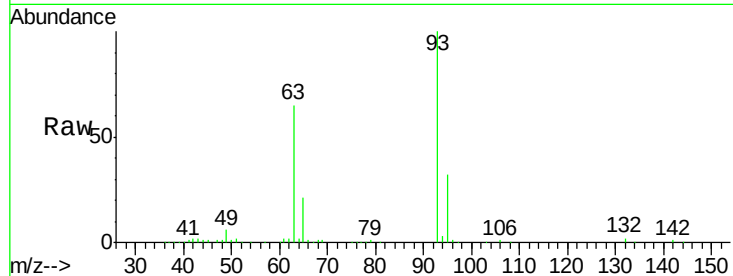
SSTDCCC040

Tot Ion:	93	Resp:	204760
Ion Ratio	Lower	Upper	
93	100		
63	64.9	67.6	107.6#
95	32.0	12.5	52.5

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 41.08 ng

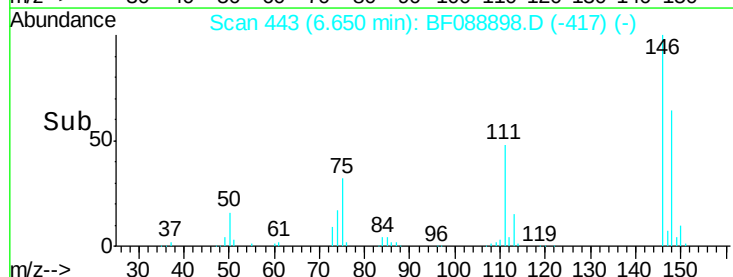
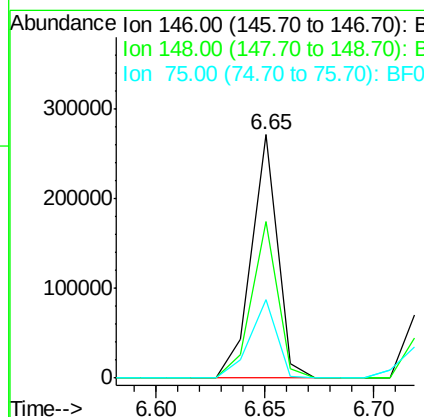
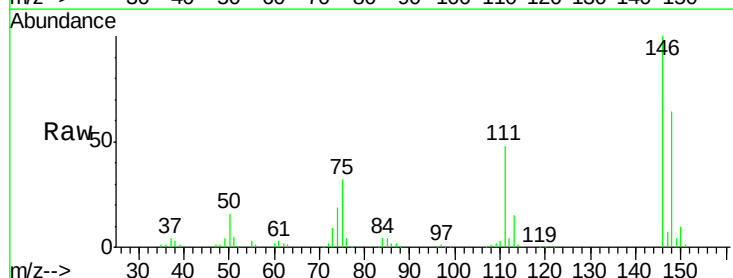
RT: 6.65 min Scan# 443

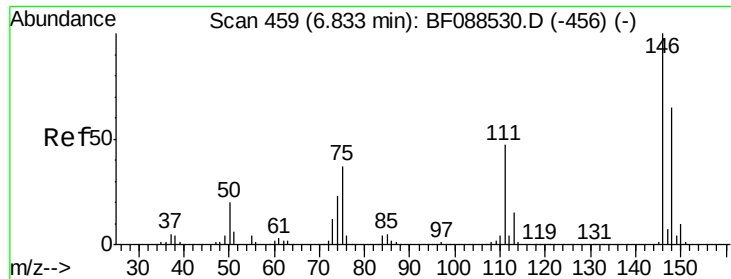
Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:	146	Resp:	225844
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.9	76.3
75	32.4	25.6	38.4





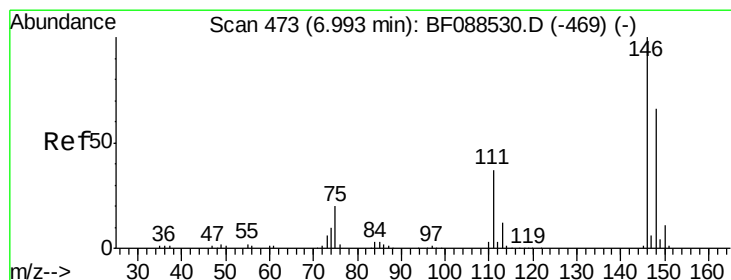
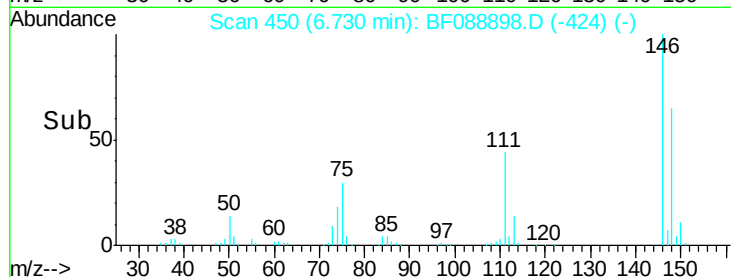
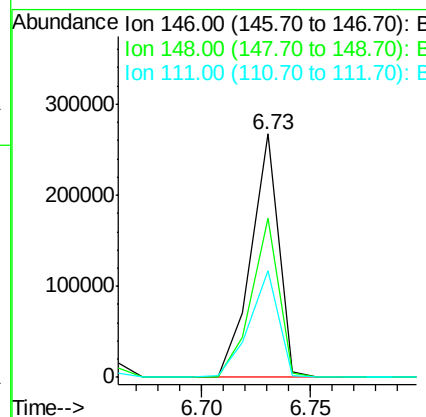
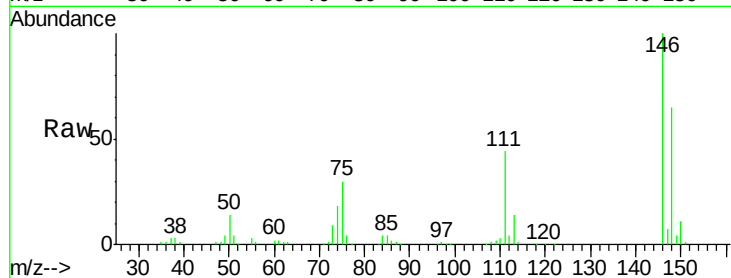
#13
 1,4-Dichlorobenzene
 Concen: 43.40 ng
 RT: 6.73 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
111	43.7	33.8	50.8

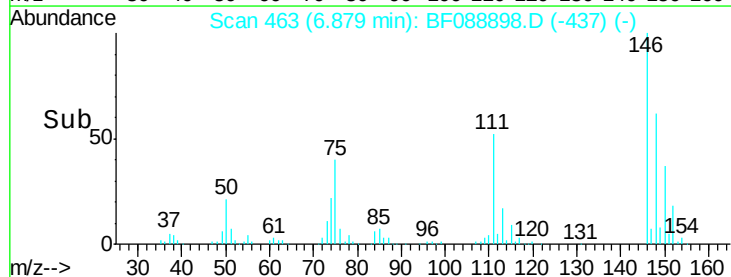
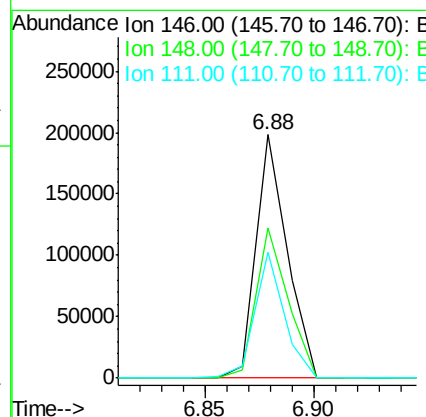
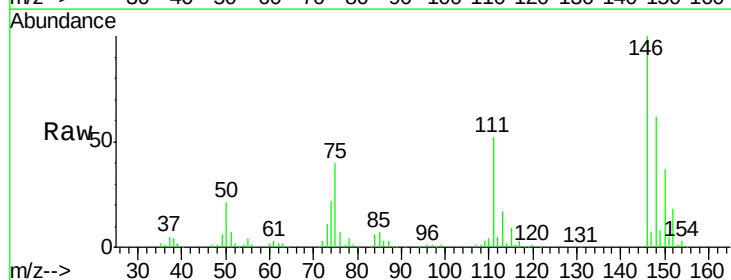
Manual Integrations

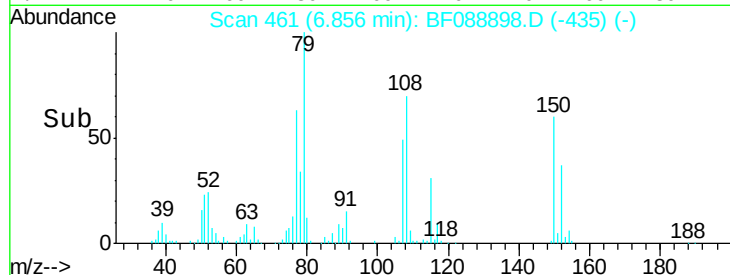
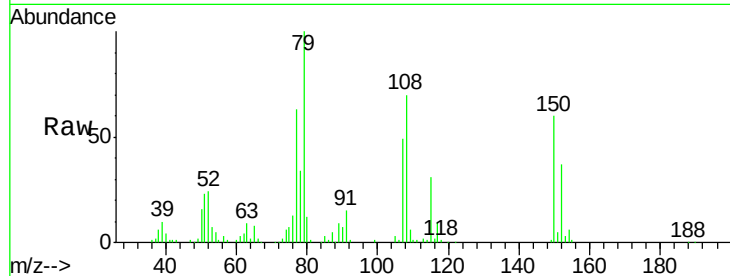
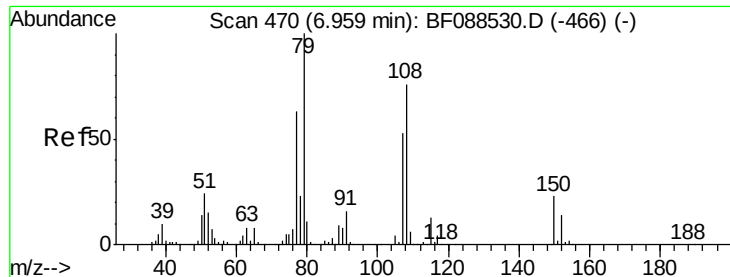
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#14
 1,2-Dichlorobenzene
 Concen: 38.66 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.3	78.5
111	51.8	28.7	43.1#





#15

Benzyl Alcohol

Concen: 36.36 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF088898.D

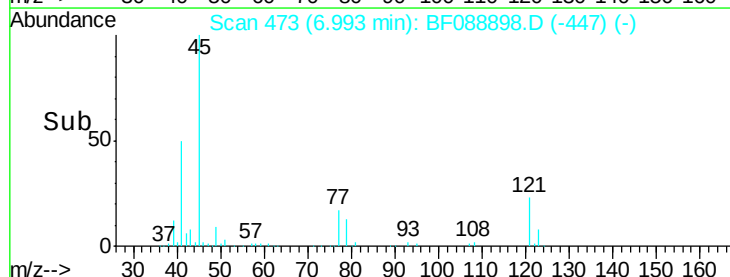
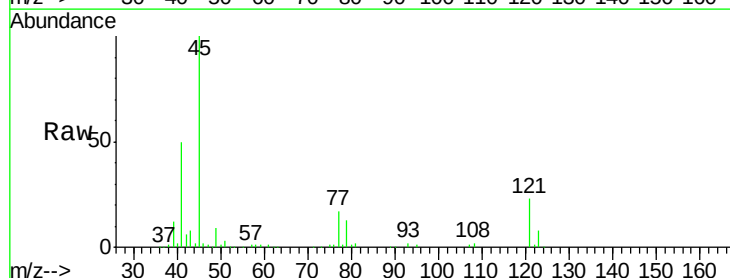
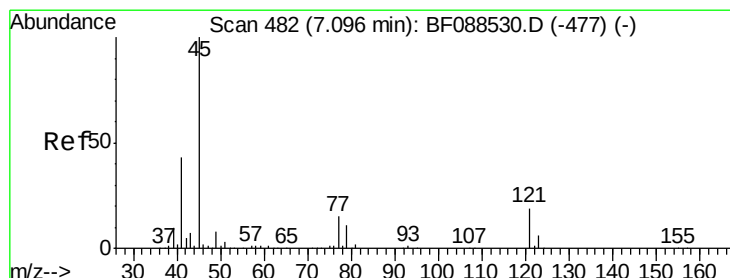
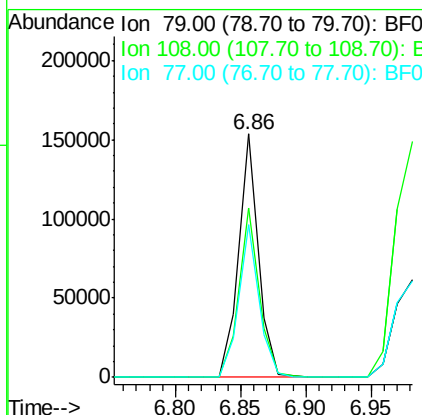
Acq: 11 Jul 2016 14:25

Tot Ion:	79	Resp:	160755
Ion Ratio	Lower	Upper	
79	100		
108	69.6	65.0	97.6
77	62.6	50.3	75.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.38 ng

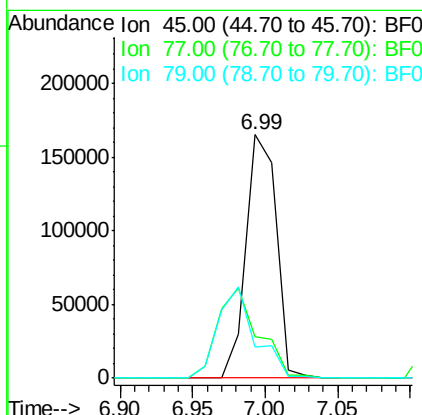
RT: 6.99 min Scan# 473

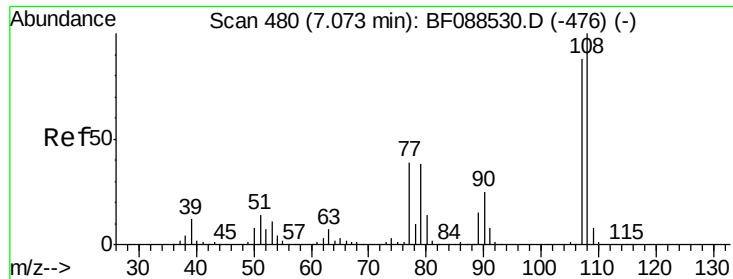
Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:	45	Resp:	239727
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	32.5
79	12.6	0.0	29.5





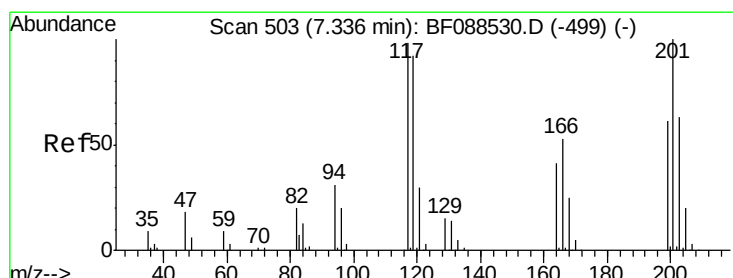
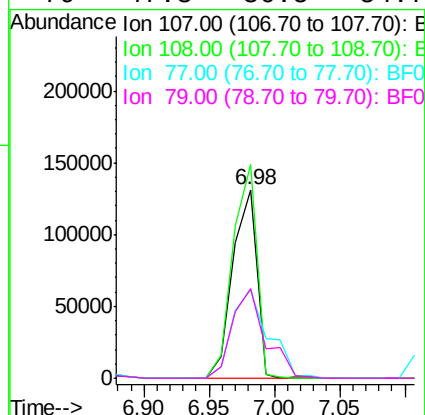
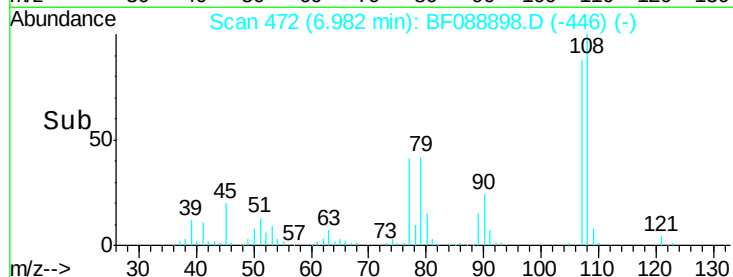
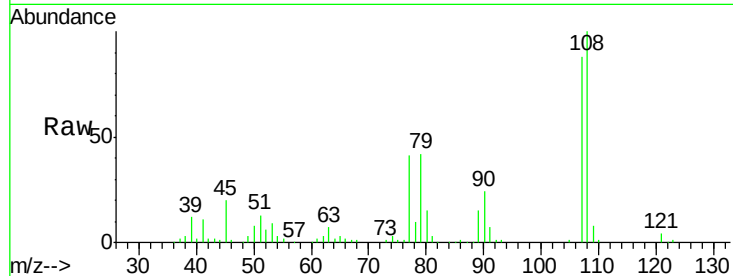
#17
2-Methylphenol
Concen: 41.20 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	167920
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	46.6	36.6	55.0
79	47.3	36.5	54.7

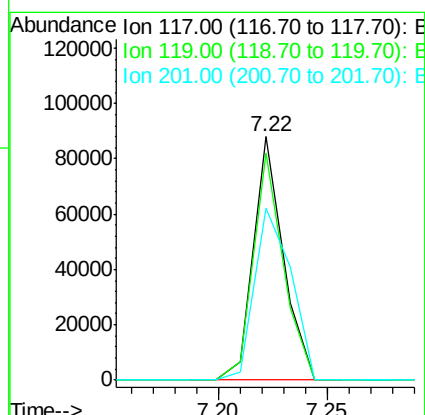
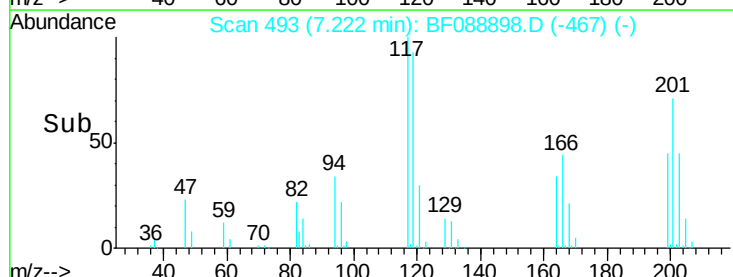
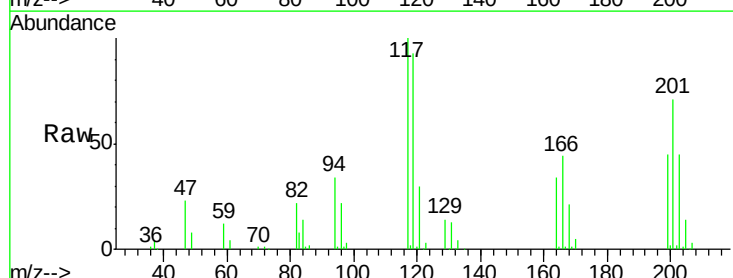
Manual Integrations

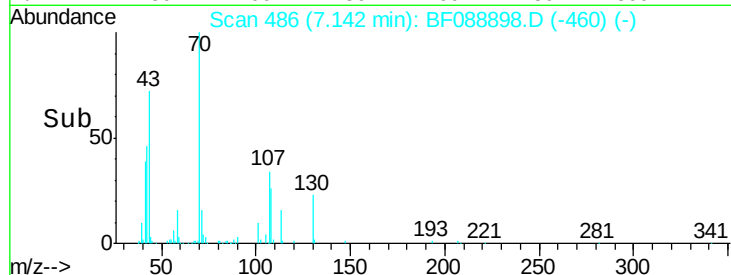
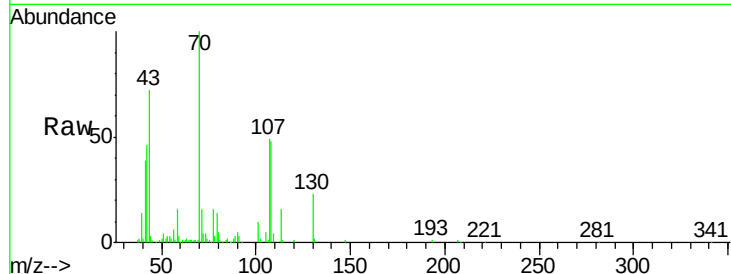
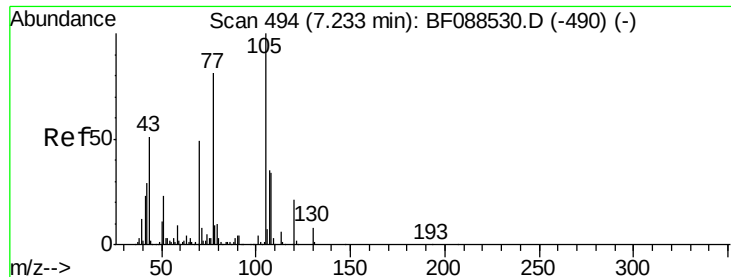
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#18
Hexachloroethane
Concen: 39.87 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	117	Resp	84159
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.4	116.2
201	70.8	80.4	120.6#

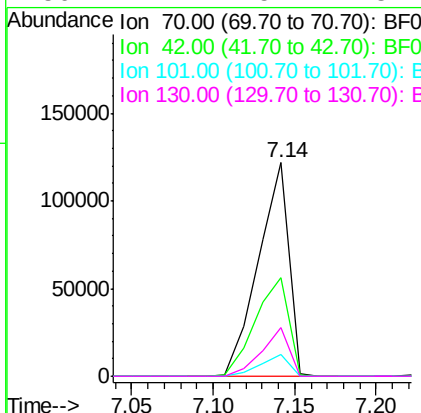




#19
n-Nitroso-di-n-propylamine
Concen: 39.08 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

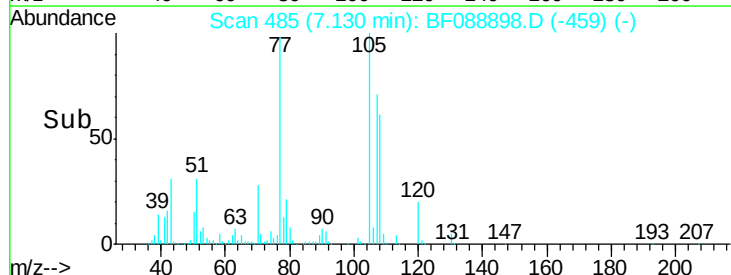
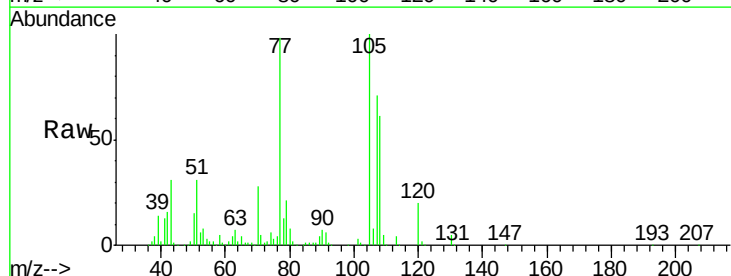
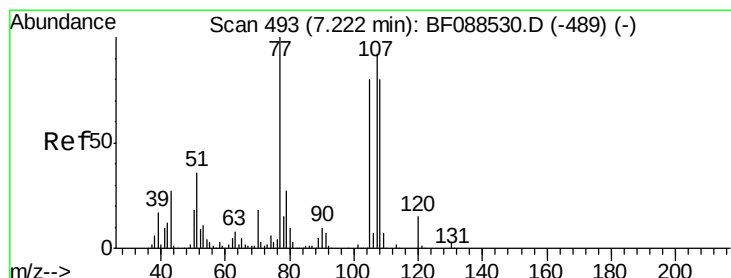
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	70	Resp	157690
Ion	Ratio	Lower	Upper
70	100		
42	46.1	49.6	74.4#
101	10.4	7.1	10.7
130	22.7	15.4	23.2



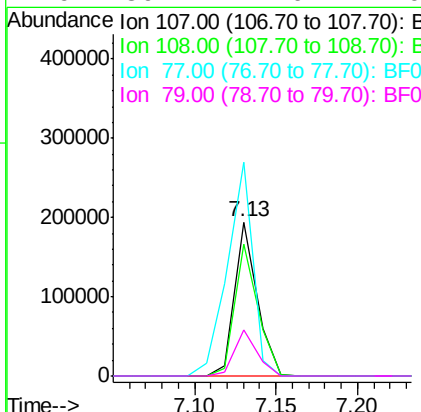
Manual Integrations

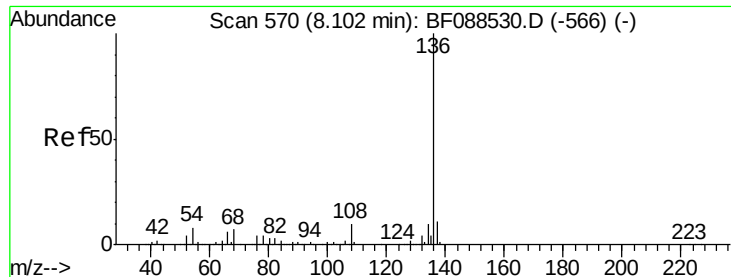
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#20
3+4-Methylphenols
Concen: 37.60 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	107	Resp	183928
Ion	Ratio	Lower	Upper
107	100		
108	85.7	67.8	107.8
77	138.9	59.3	99.3#
79	30.4	7.0	47.0





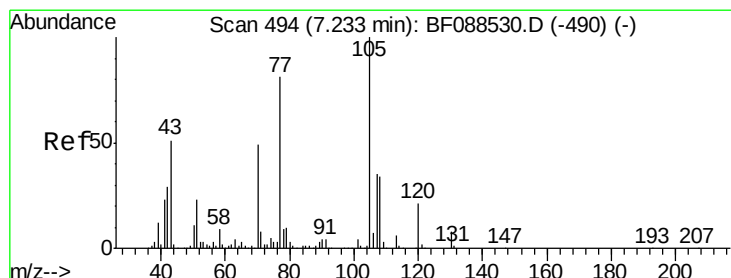
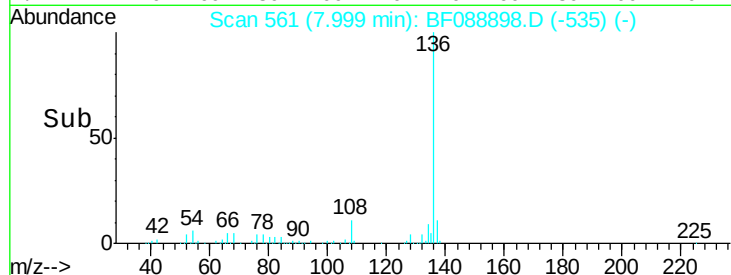
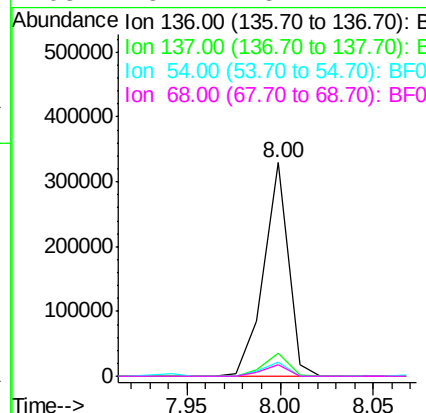
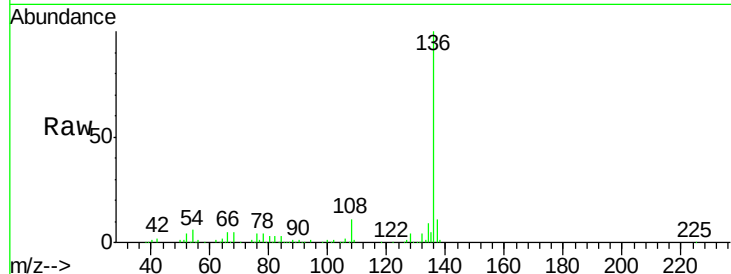
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	299796		
137	10.8		9.1	13.7
54	6.5		6.6	10.0#
68	5.4		5.1	7.7

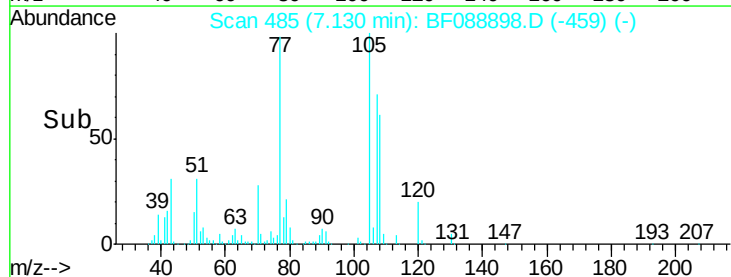
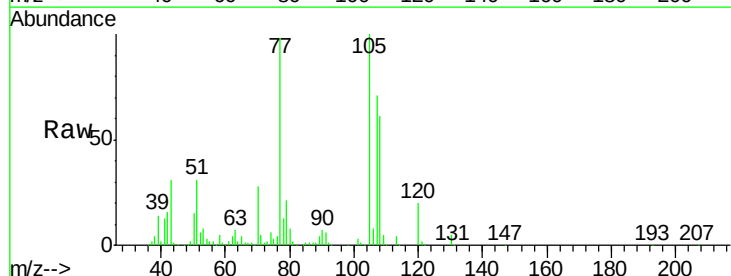
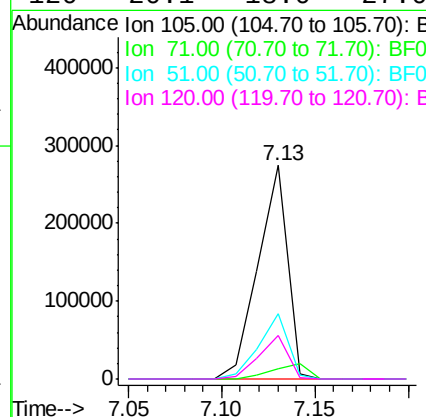
Manual Integrations

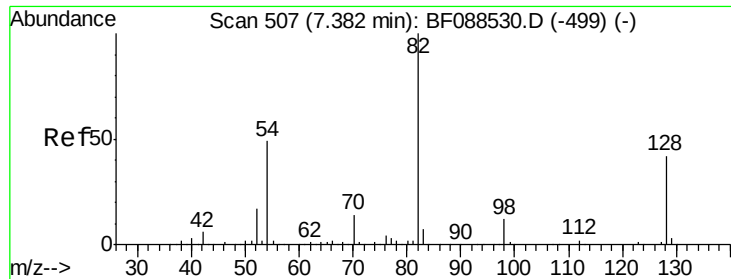
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#22
Acetophenone
Concen: 41.13 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	299294		
71	4.8		5.3	7.9#
51	30.7		18.2	27.4#
120	20.1		18.0	27.0





#23

Nitrobenzene-d5

Concen: 69.85 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

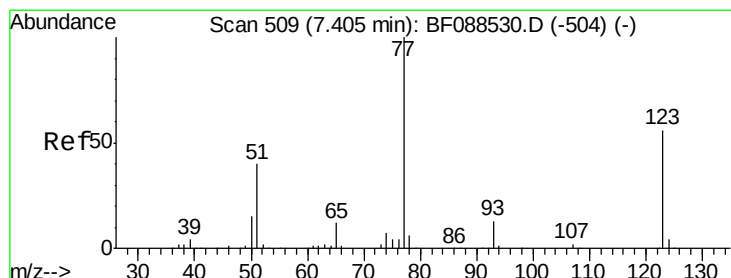
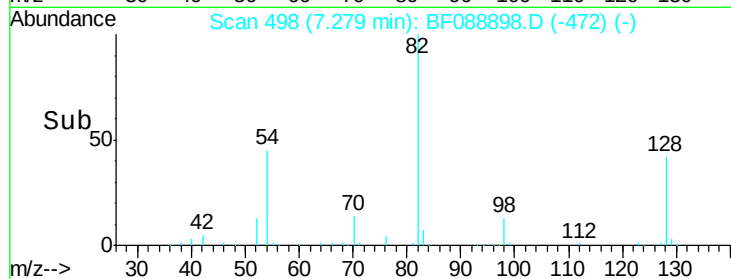
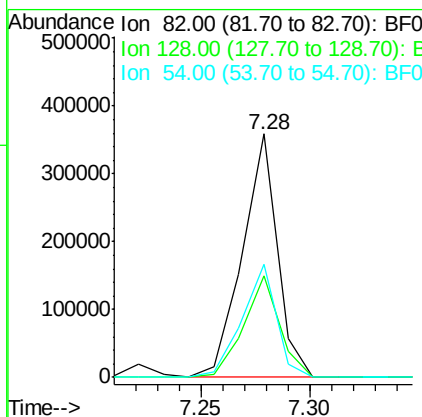
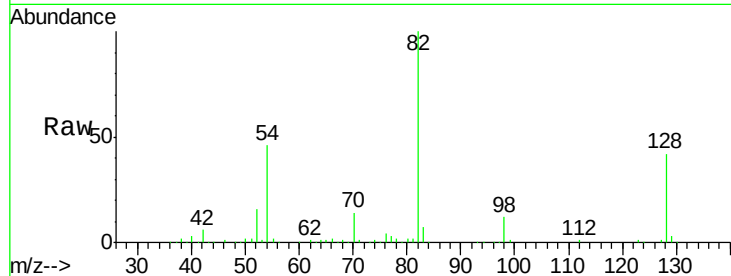
SSTDCCC040

Tot Ion:	82	Resp:	399616
Ion Ratio	Lower	Upper	
82	100		
128	41.7	35.9	53.9
54	46.4	40.9	61.3

Manual Integrations

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#24

Nitrobenzene

Concen: 41.13 ng

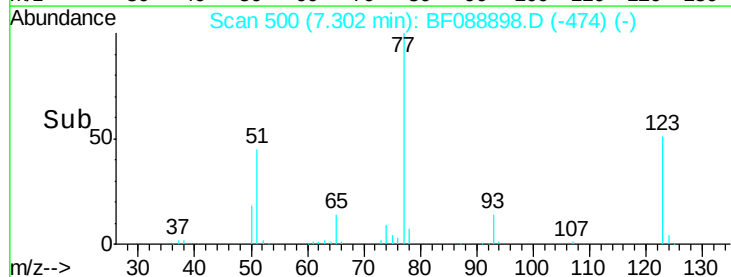
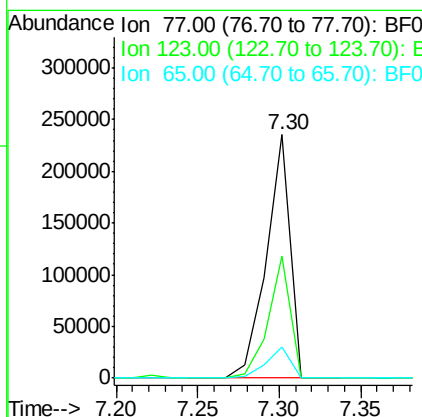
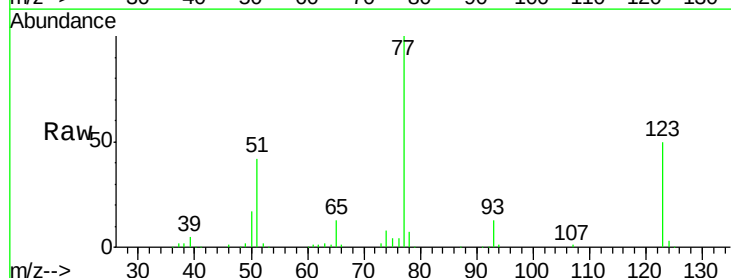
RT: 7.30 min Scan# 500

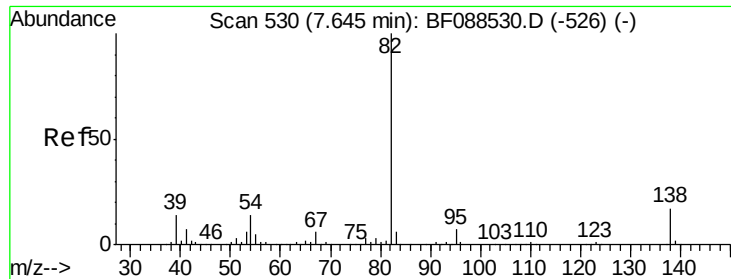
Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:	77	Resp:	237215
Ion Ratio	Lower	Upper	
77	100		
123	50.3	45.0	67.4
65	12.8	10.2	15.2





#25

Isophorone

Concen: 35.60 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

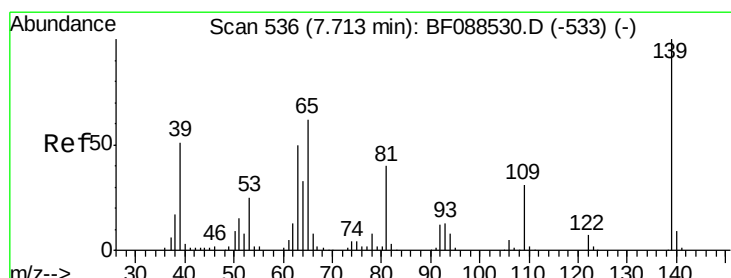
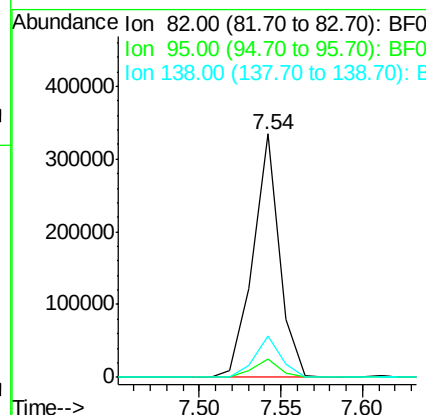
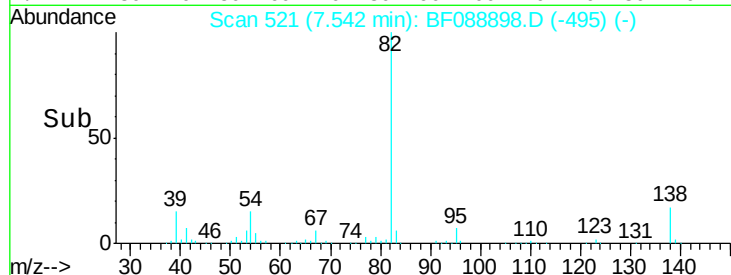
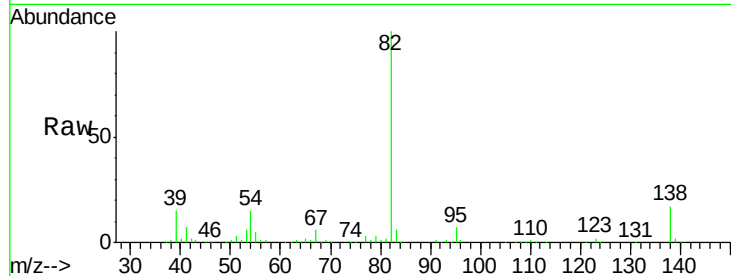
SSTDCCC040

Tot Ion:	82	Resp:	377255
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.4	8.2
138	16.8	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.23 ng

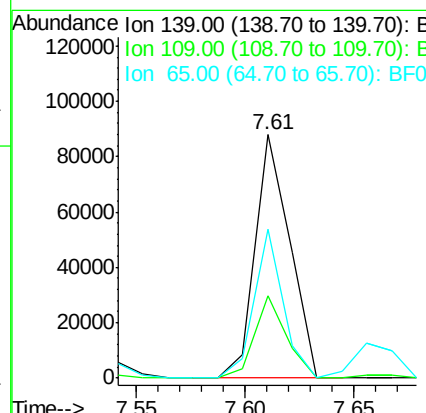
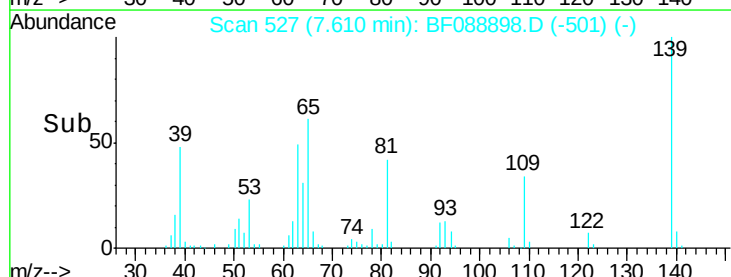
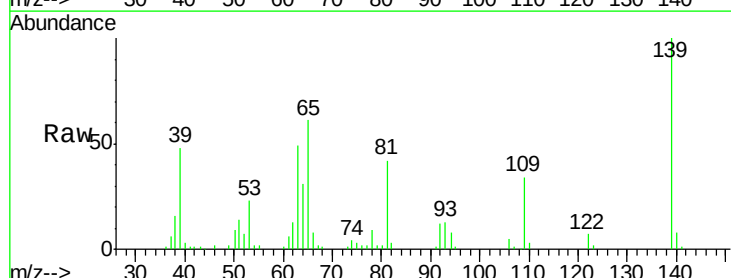
RT: 7.61 min Scan# 527

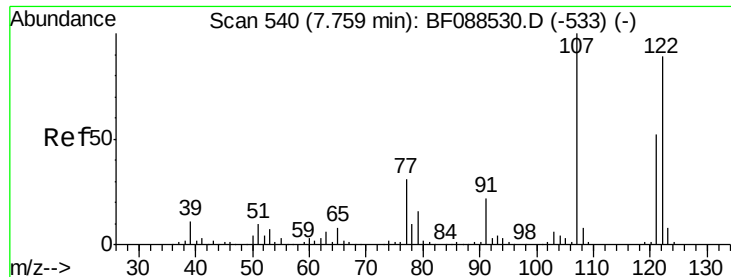
Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:	139	Resp:	97520
Ion Ratio	Lower	Upper	
139	100		
109	33.8	23.0	34.4
65	61.3	45.8	68.8





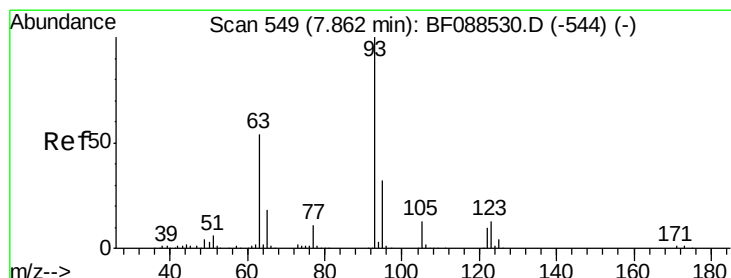
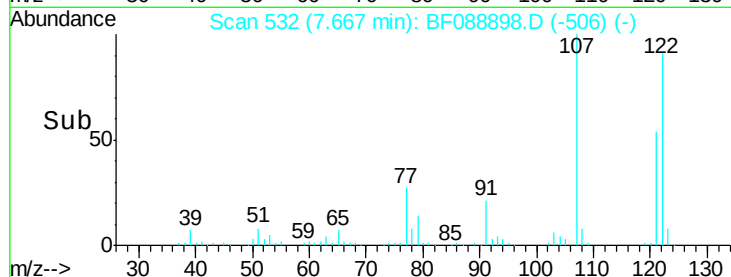
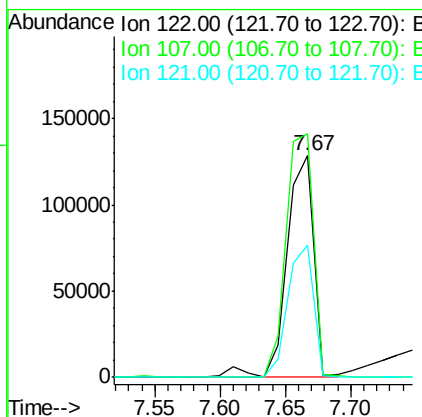
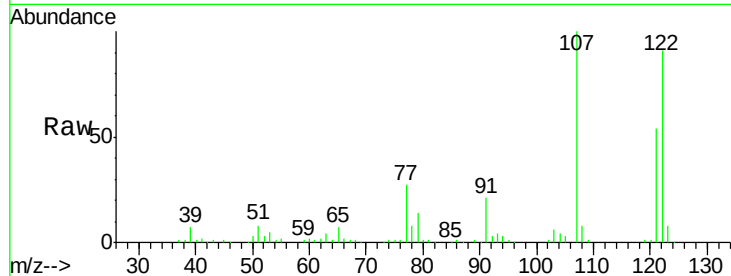
#27
2,4-Dimethylphenol
Concen: 37.76 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	82.4	123.6
121	59.8	46.3	69.5

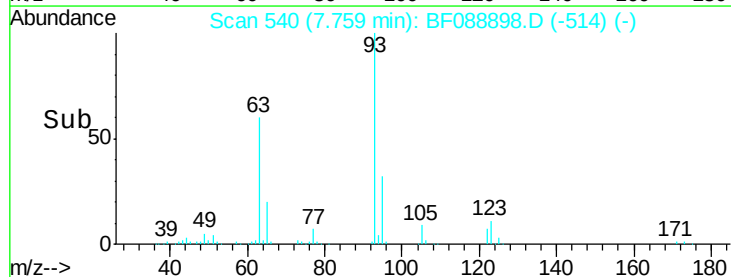
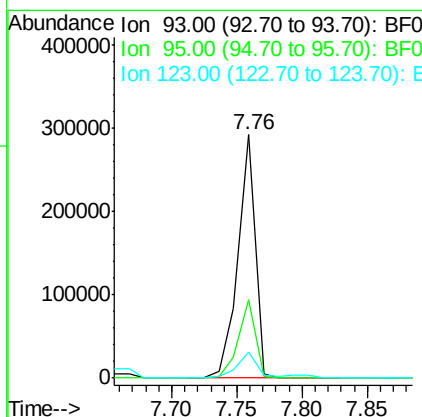
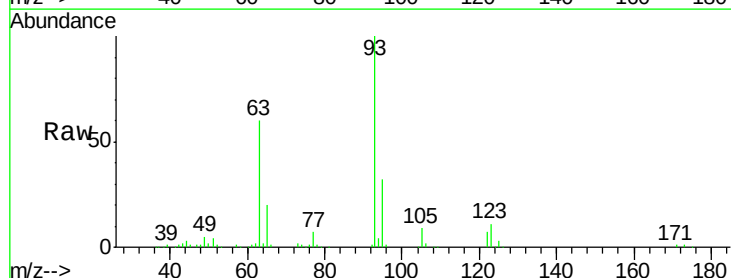
Manual Integrations

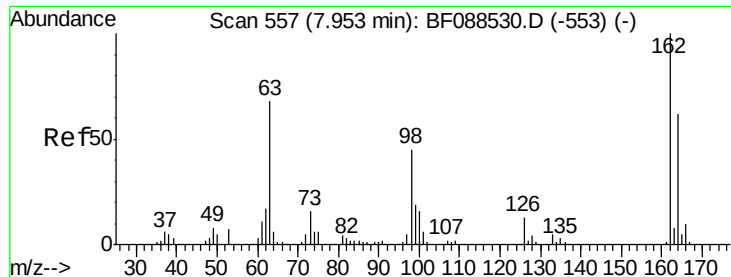
sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.80 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	10.9	11.6	17.4





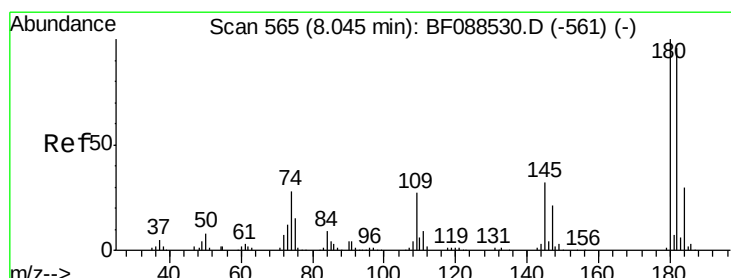
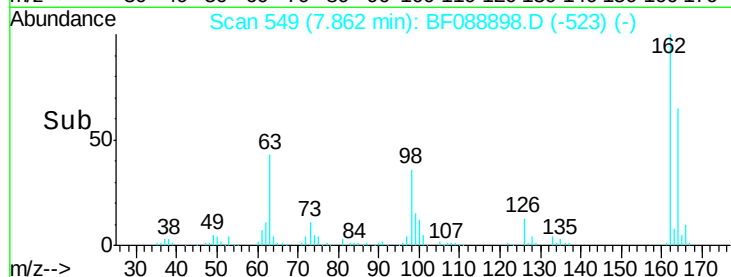
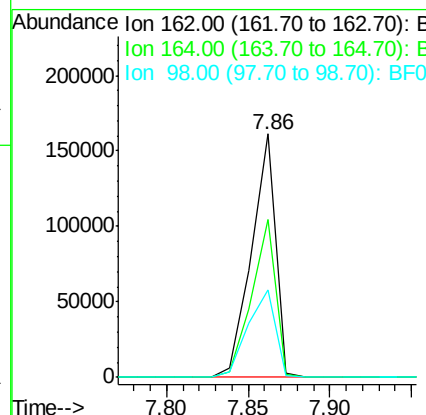
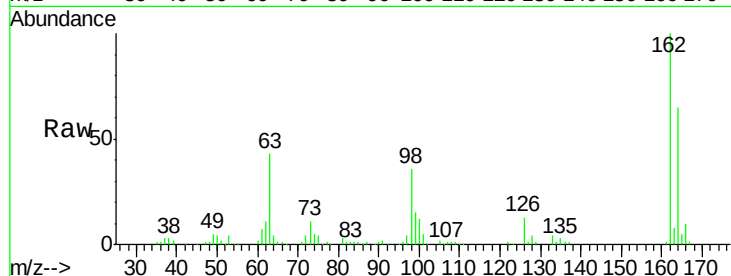
#29
2,4-Dichlorophenol
Concen: 41.54 ng
RT: 7.86 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	165384		
164	65.1	43.8	83.8	
98	35.9	21.3	61.3	

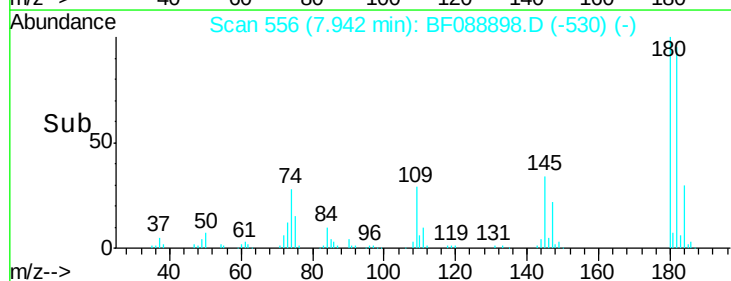
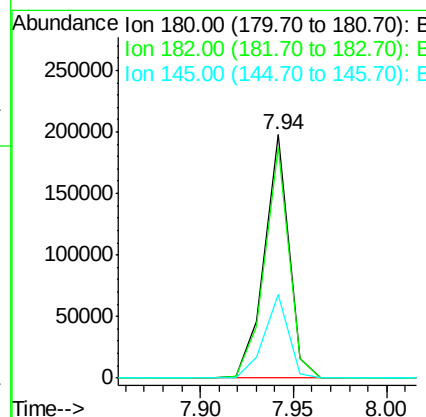
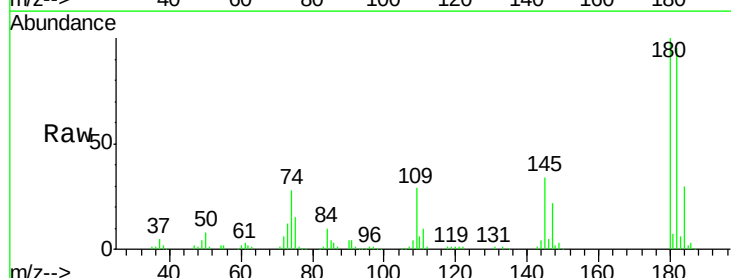
Manual Integrations

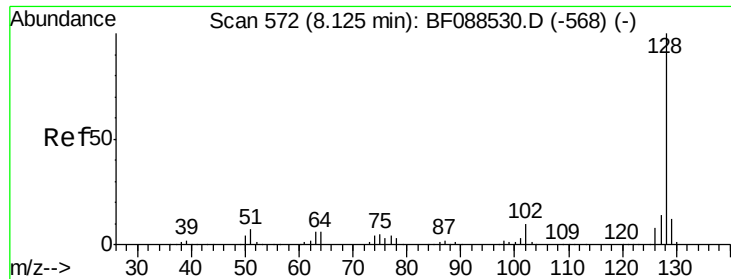
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#30
1,2,4-Trichlorobenzene
Concen: 41.05 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	179355		
182	95.0	76.0	114.0	
145	34.1	26.5	39.7	





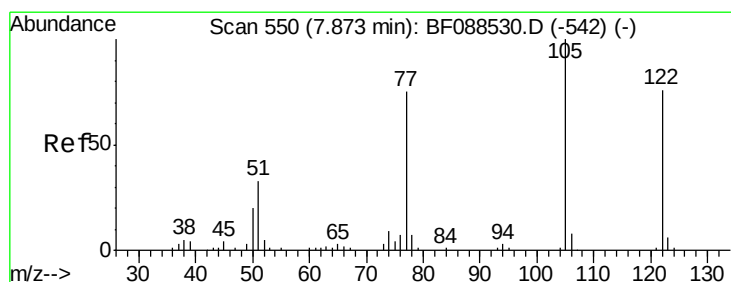
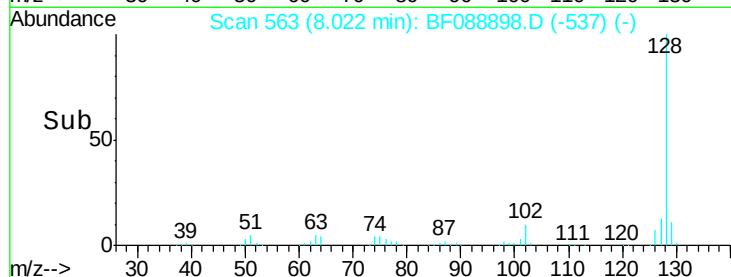
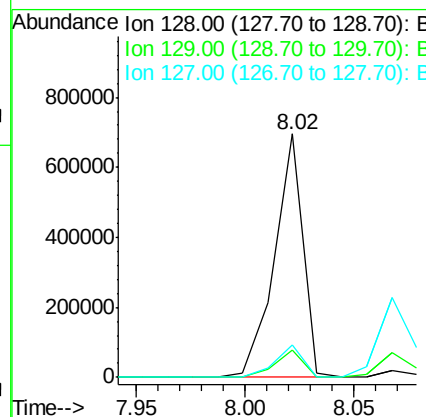
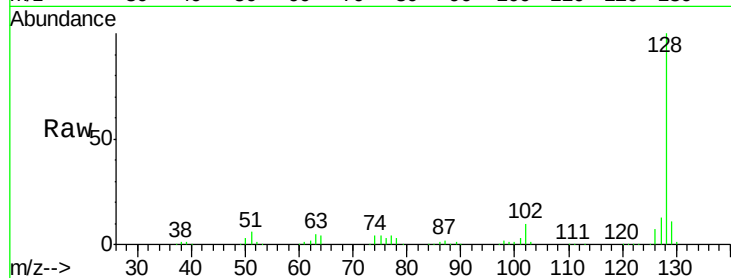
#31
Naphthalene
Concen: 43.20 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.5	10.9	16.3

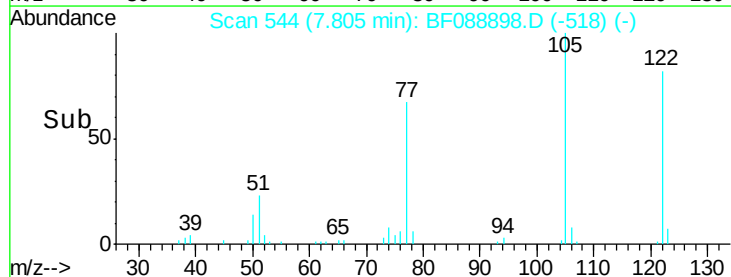
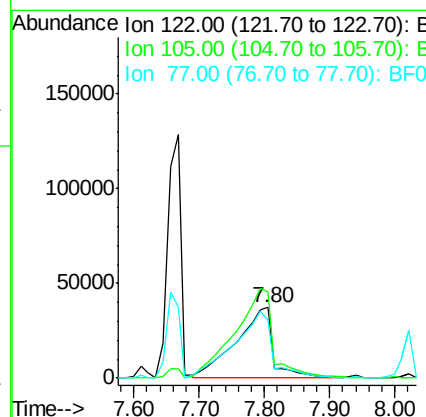
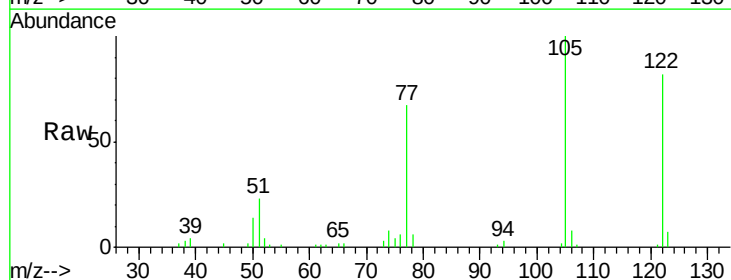
Manual Integrations

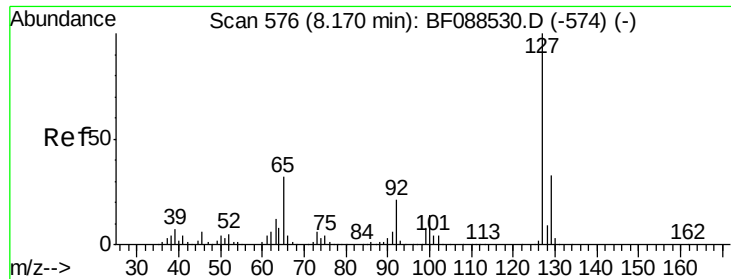
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#32
Benzoic acid
Concen: 40.50 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	101.6	141.6
77	82.4	70.6	110.6





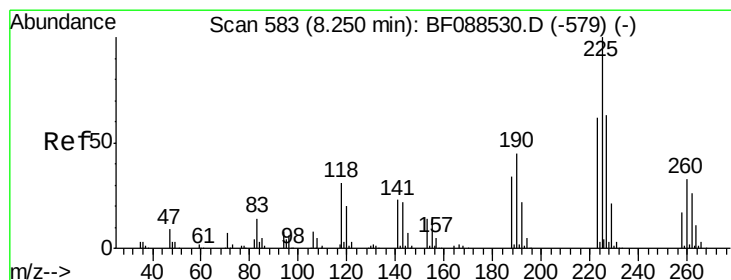
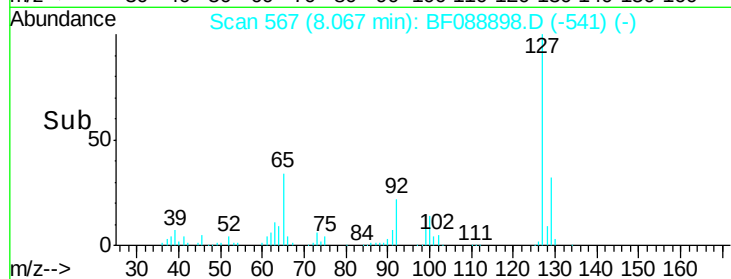
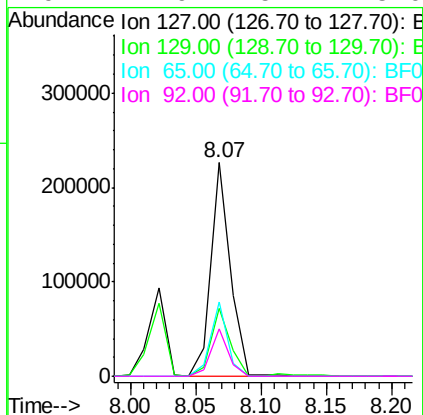
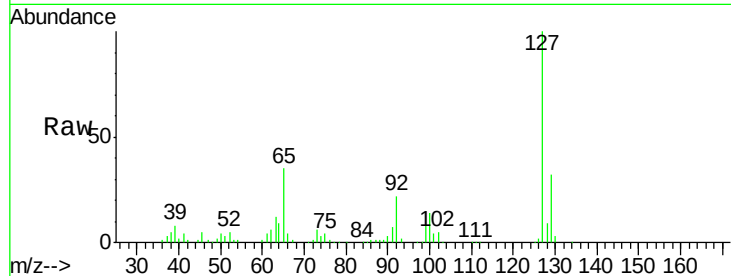
#33
4-Chloroaniline
Concen: 36.12 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		237553		
129	31.9	26.3	39.5		
65	35.0	24.7	37.1		
92	21.9	15.4	23.0		

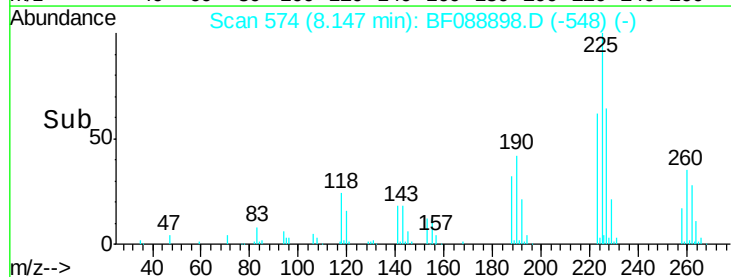
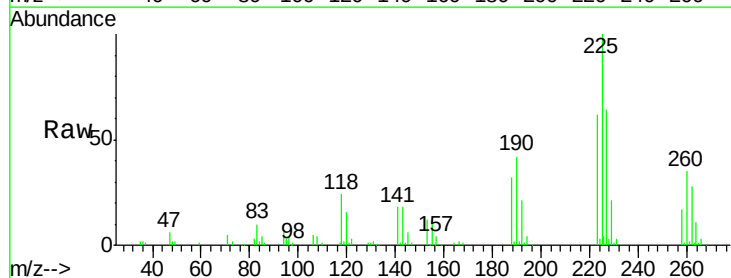
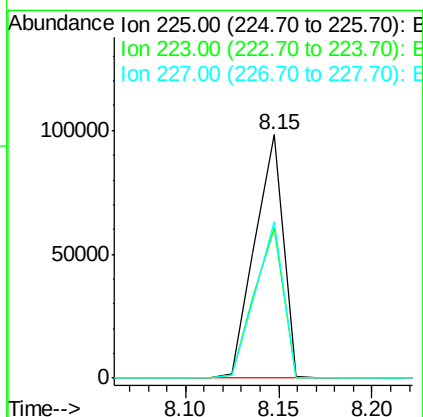
Manual Integrations

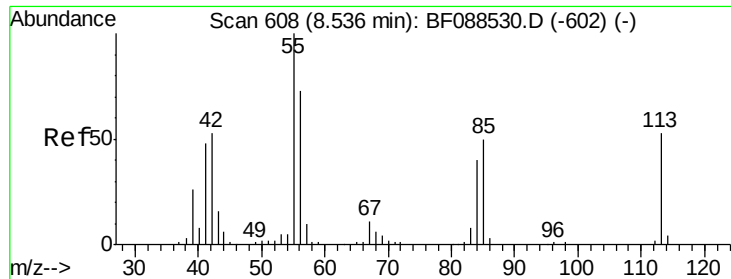
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#34
Hexachlorobutadiene
Concen: 44.25 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		103527		
223	61.8	50.9	76.3		
227	64.2	51.9	77.9		





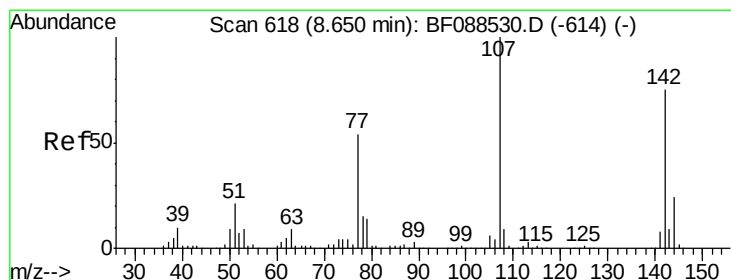
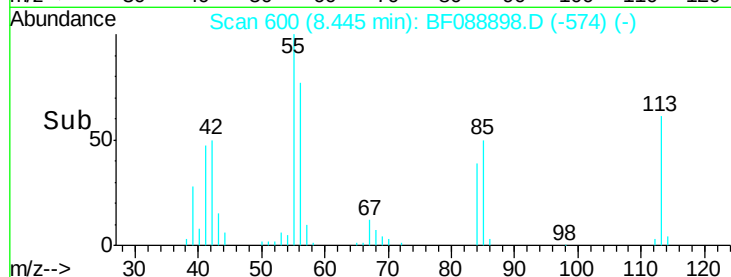
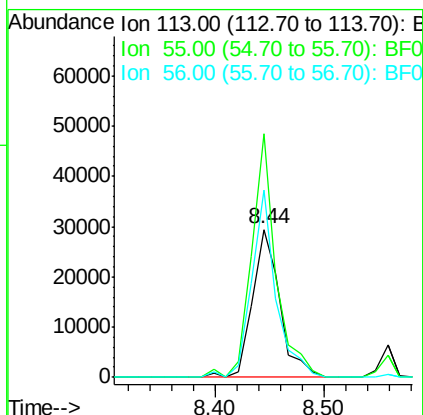
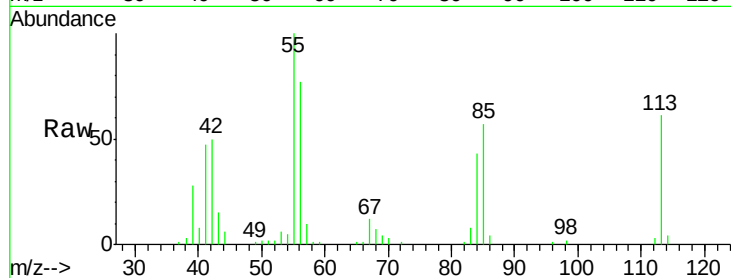
#35
 Caprolactam
 Concen: 38.33 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 51827
 Ion Ratio Lower Upper
 113 100
 55 164.4 158.6 198.6
 56 126.2 110.6 150.6

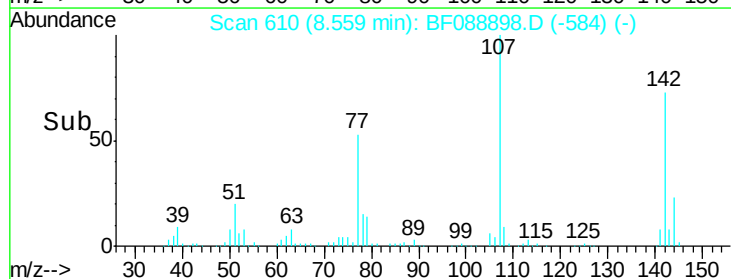
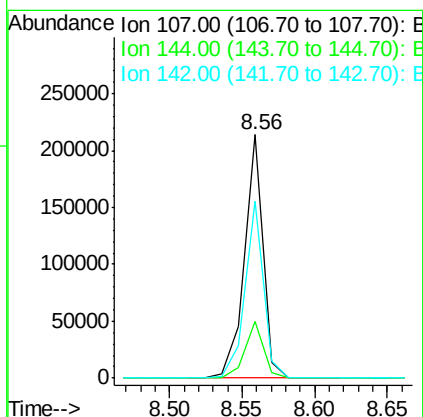
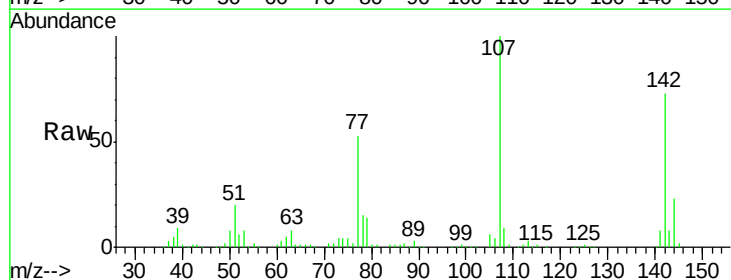
Manual Integrations

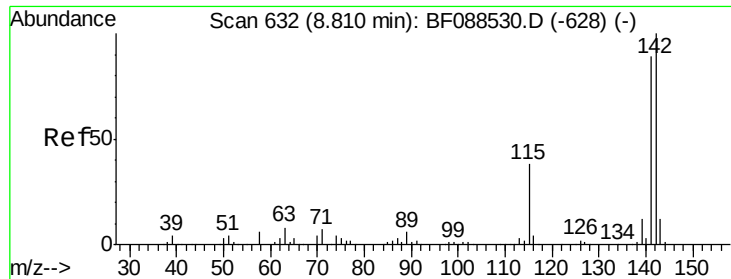
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#36
 4-Chloro-3-methylphenol
 Concen: 40.39 ng
 RT: 8.56 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:107 Resp: 190150
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.8 31.2
 142 72.5 63.4 95.2





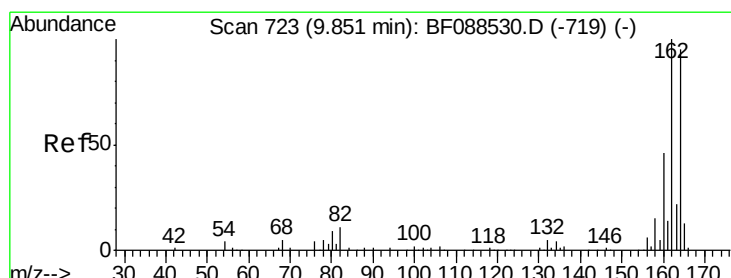
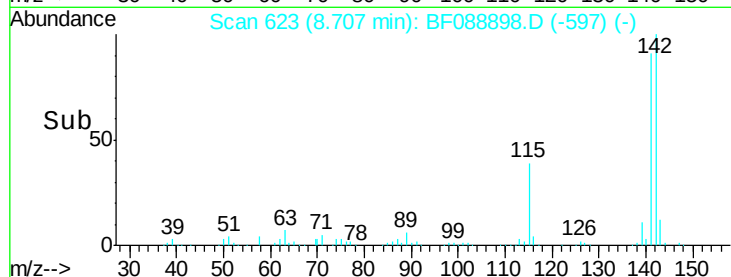
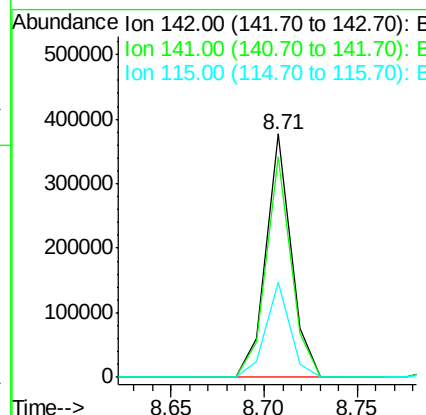
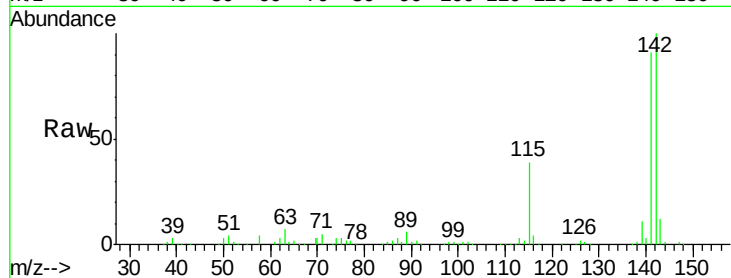
#37
2-Methylnaphthalene
Concen: 37.08 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.0	106.6
115	39.3	22.6	33.8

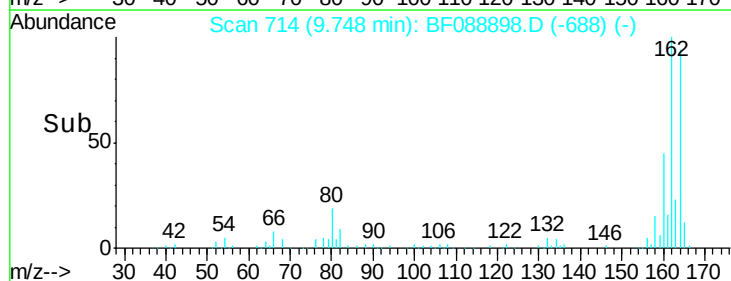
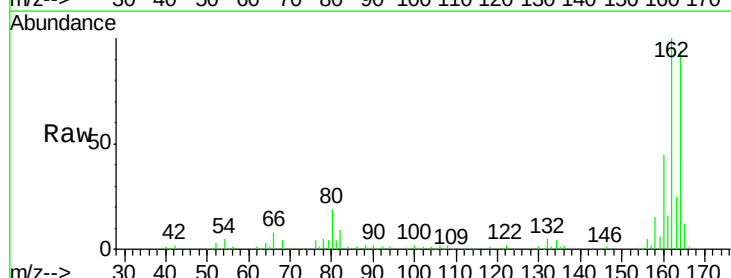
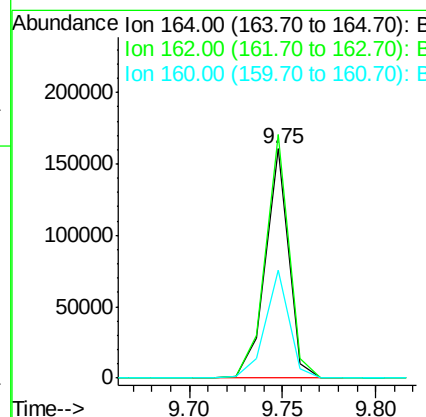
Manual Integrations

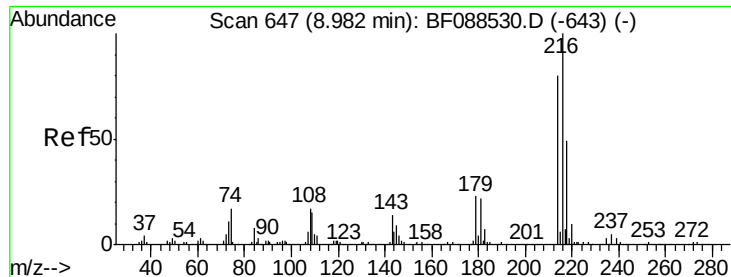
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.4	128.2
160	47.4	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.46 ng

RT: 8.88 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 207612
Ion Ratio Lower Upper

216 100

214 80.0 2.9 4.3#

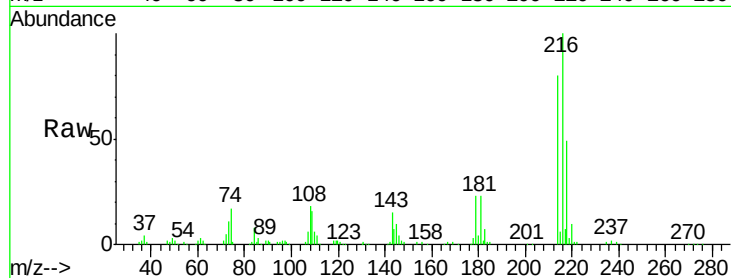
179 24.1 0.0 0.0#

108 21.6 0.5 0.7#

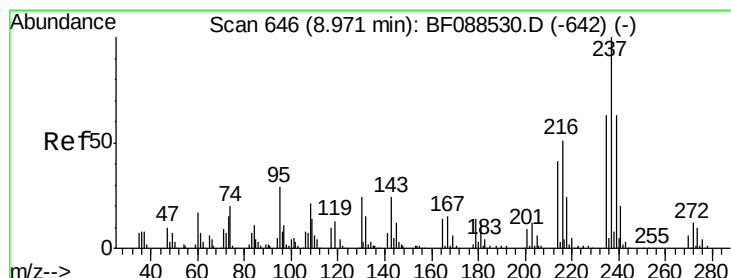
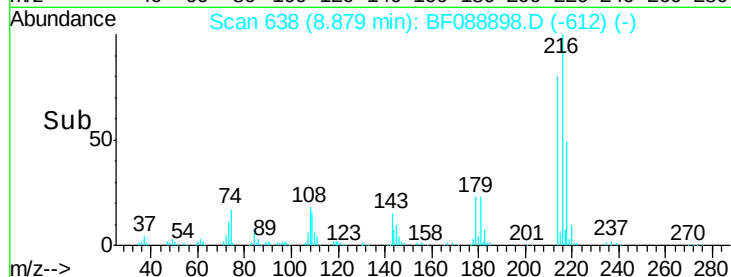
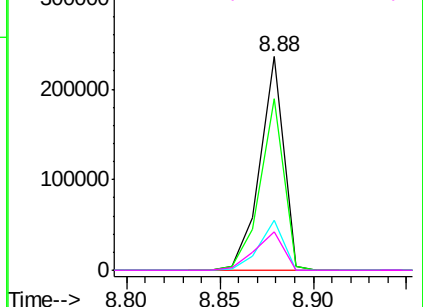
Manual Integrations

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.42 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF088898.D

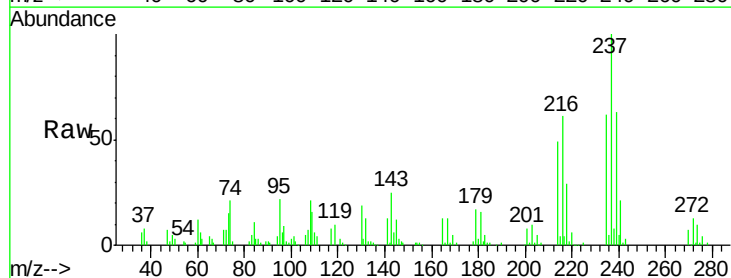
Acq: 11 Jul 2016 14:25

Tgt Ion:237 Resp: 79394
Ion Ratio Lower Upper

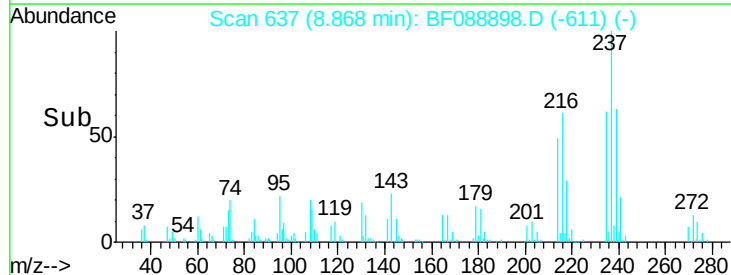
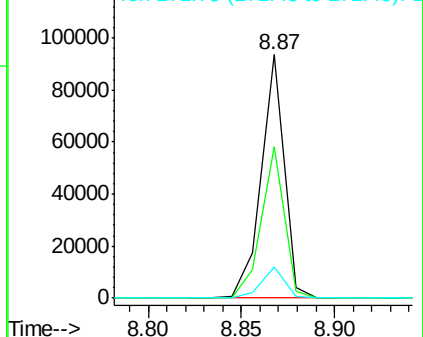
237 100

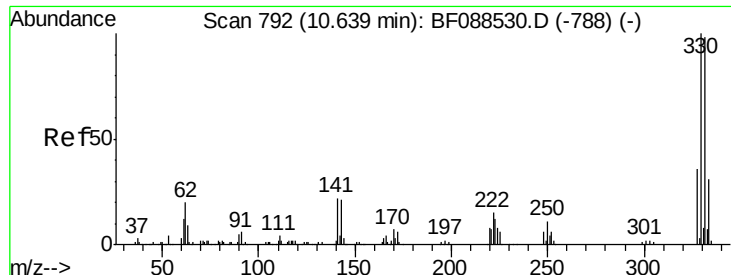
235 62.3 43.4 83.4

272 12.8 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





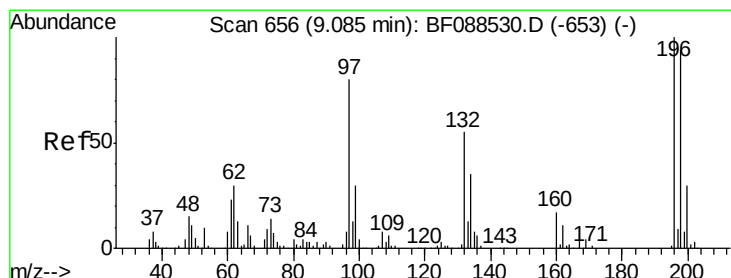
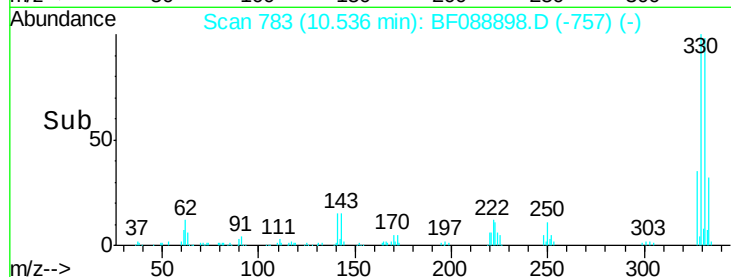
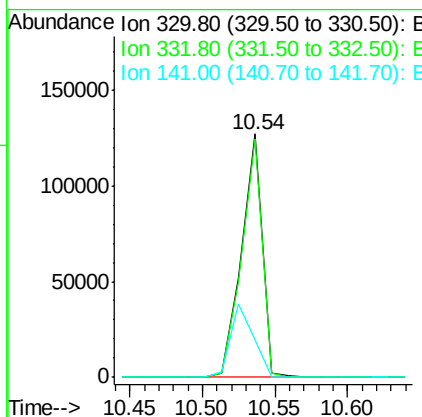
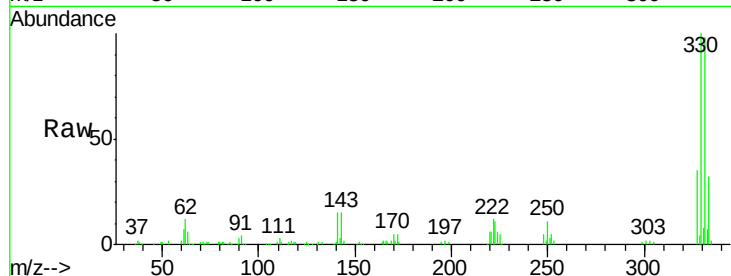
#41
 2,4,6-Tribromophenol
 Concen: 99.41 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	0.0	0.0	0.0
141	33.1	0.0	0.0	0.0

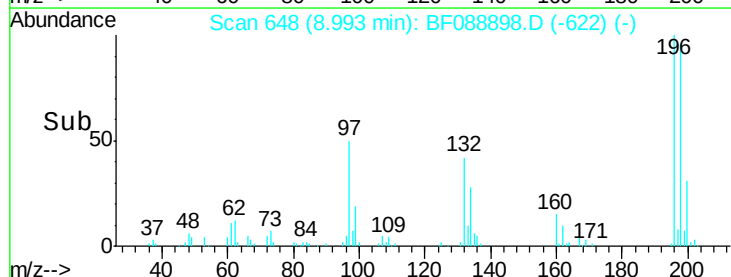
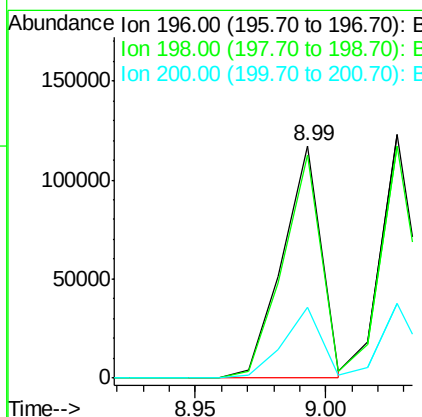
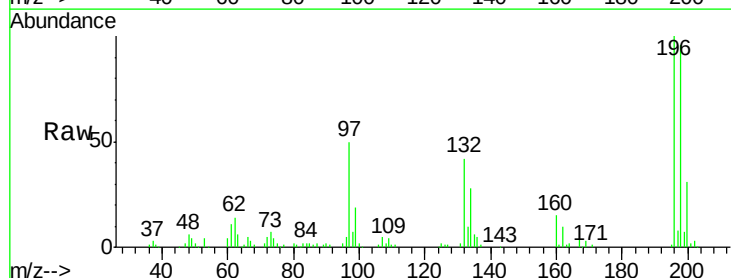
Manual Integrations

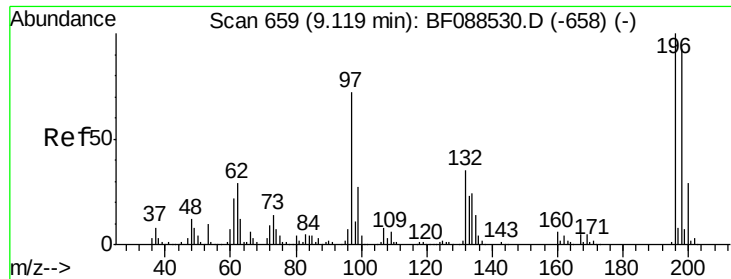
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#42
 2,4,6-Trichlorophenol
 Concen: 40.10 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.9	78.0	117.0	
200	30.5	25.4	38.2	





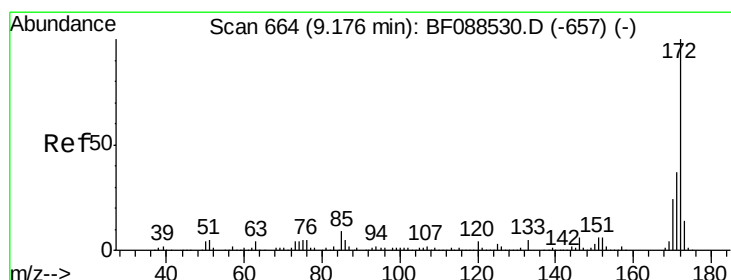
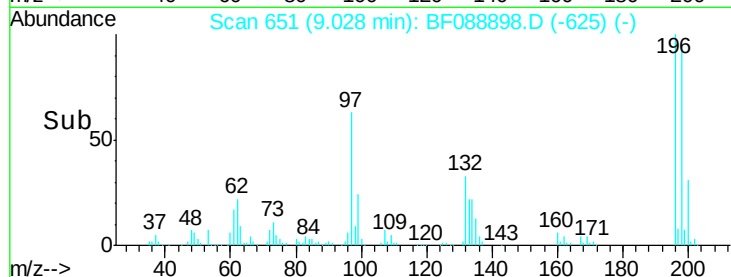
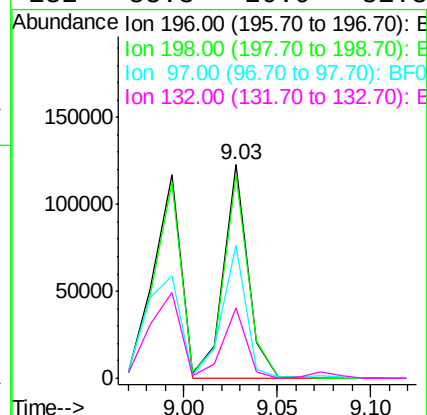
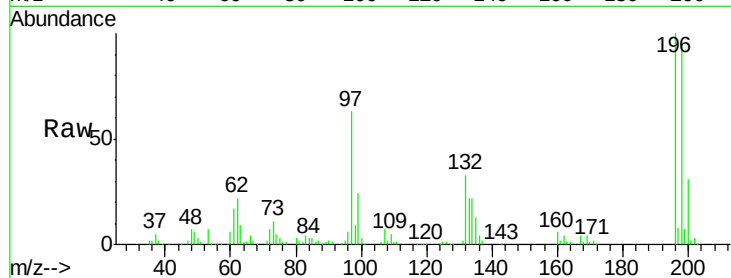
#43
 2,4,5-Trichlorophenol
 Concen: 43.22 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		111972		
198	95.2	77.5	116.3		
97	62.6	32.0	48.0#		
132	33.3	20.9	31.3#		

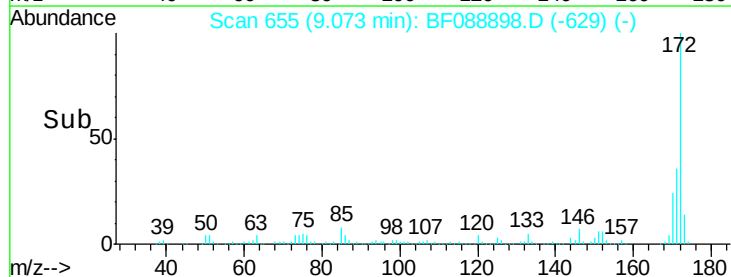
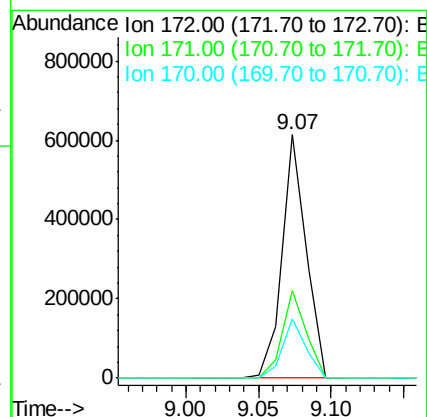
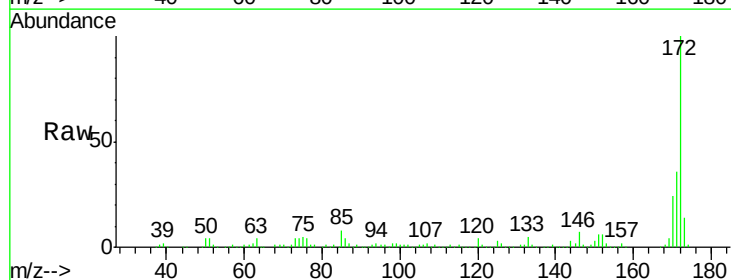
Manual Integrations

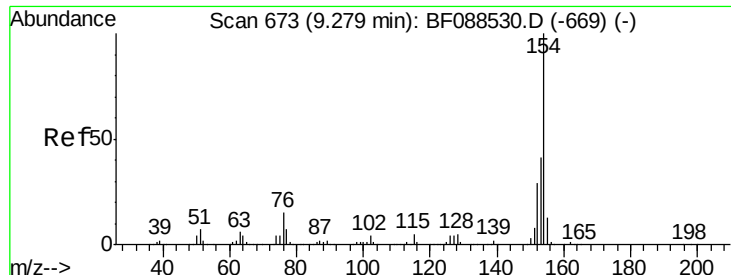
sohil
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#44
 2-Fluorobiphenyl
 Concen: 80.64 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		701050		
171	36.2	28.6	43.0		
170	24.2	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 43.50 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

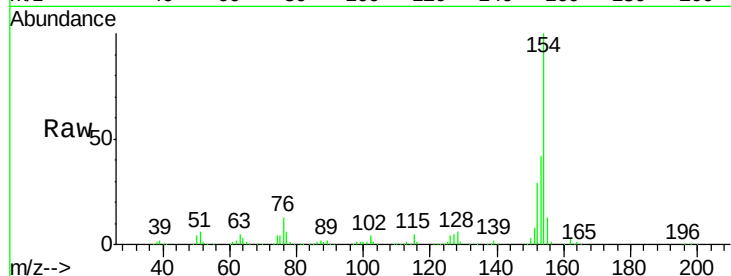
SSTDCCC040

Tot Ion:	154	Resp:	494587
Ion Ratio	Lower	Upper	
154	100		
153	41.8	20.6	60.6
76	12.7	0.0	35.1

Manual Integrations

sohil

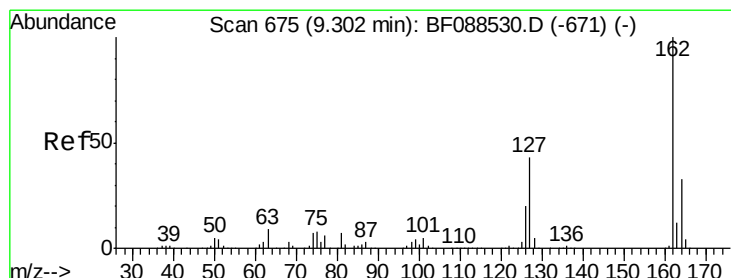
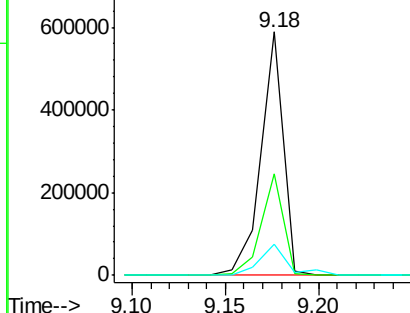
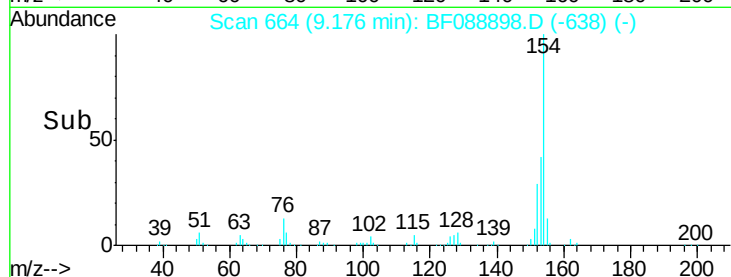
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.89 ng

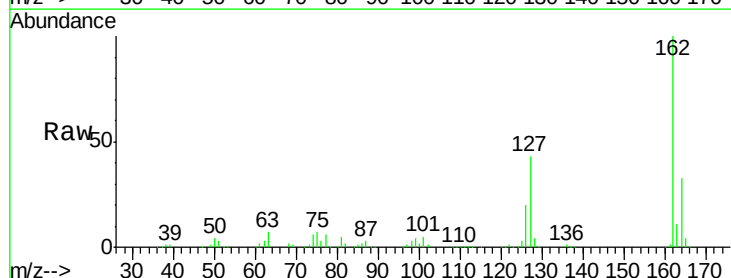
RT: 9.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

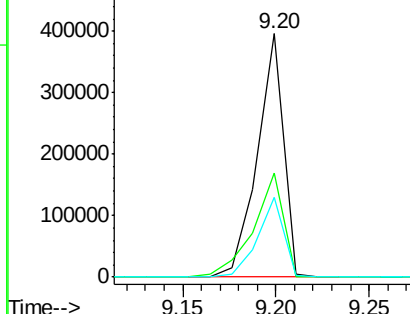
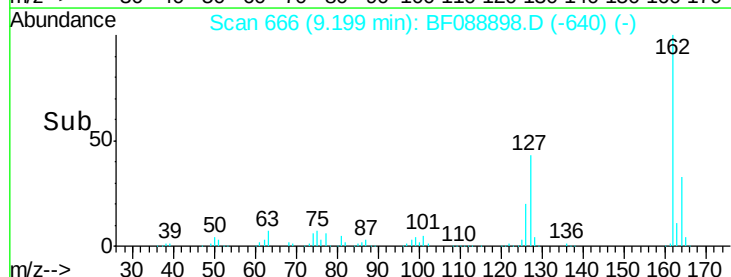
Tgt Ion:	162	Resp:	382840
Ion Ratio	Lower	Upper	
162	100		
127	42.9	35.2	52.8
164	32.9	26.6	39.8

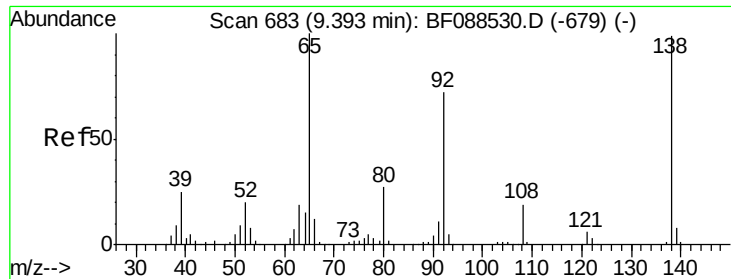


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





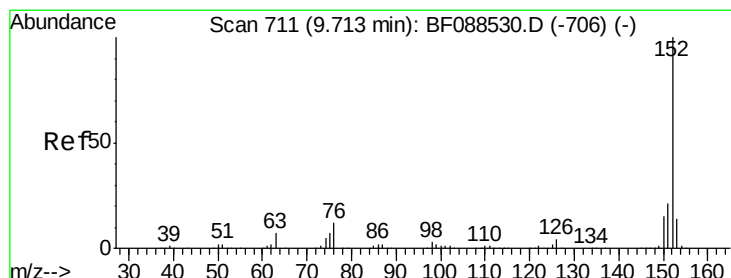
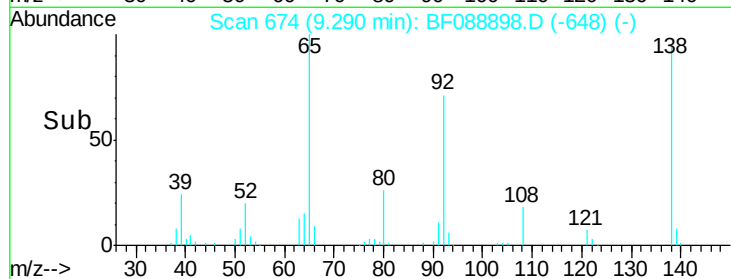
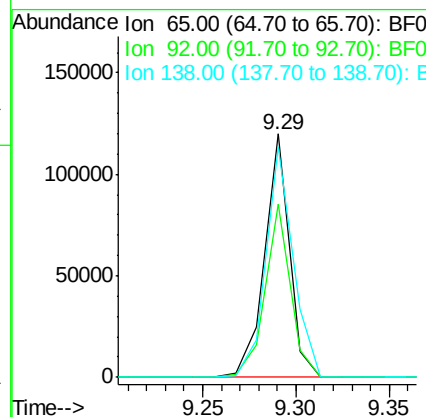
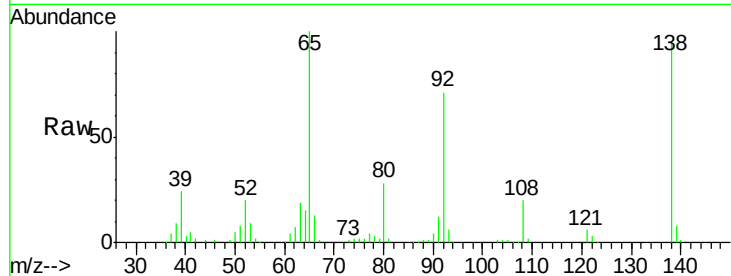
#47
2-Nitroaniline
Concen: 34.59 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.0	54.6	82.0
138	94.8	77.0	115.4

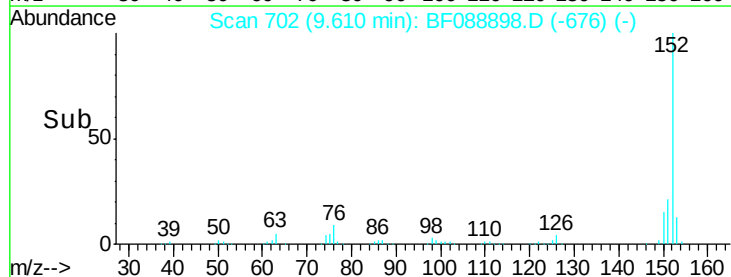
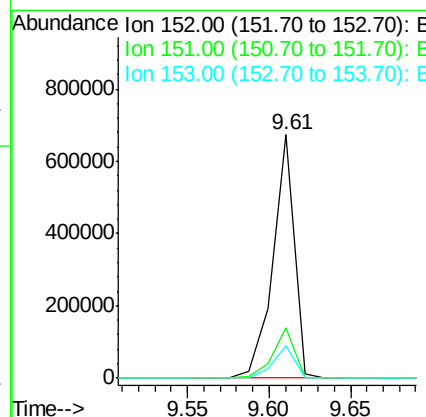
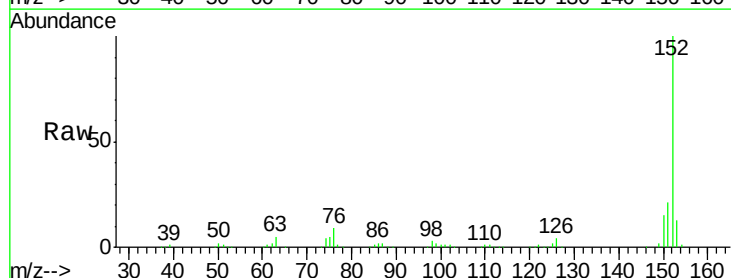
Manual Integrations

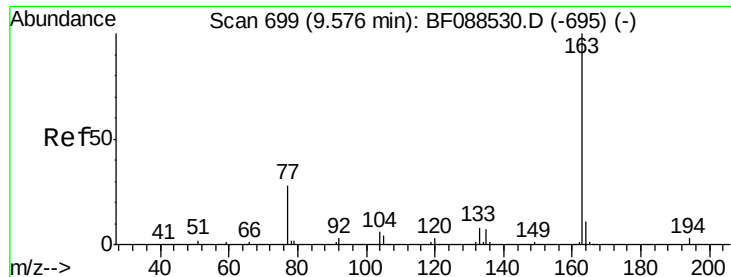
sohil
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#48
Acenaphthylene
Concen: 43.26 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.3	11.0	16.6





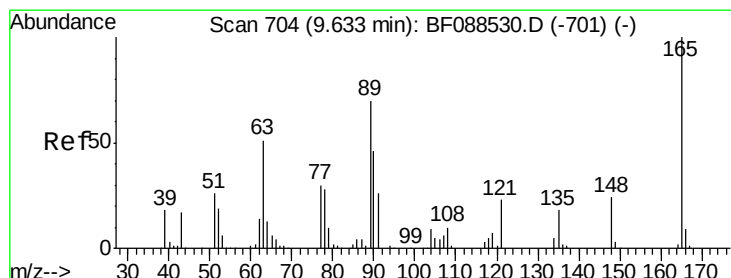
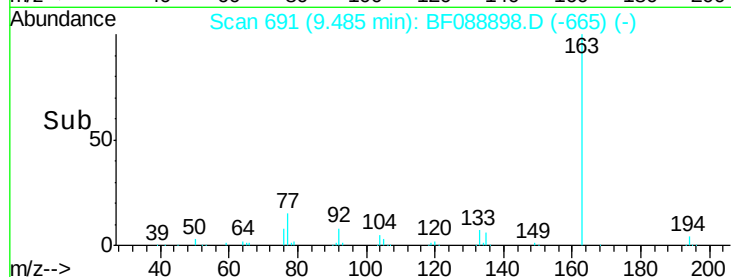
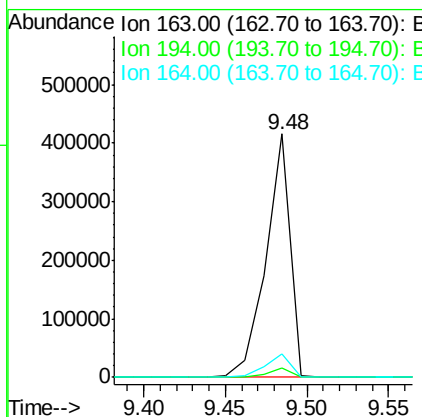
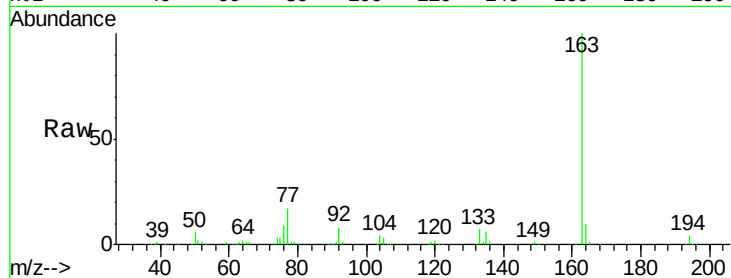
#49
Dimethylphthalate
Concen: 43.81 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	428569		
194	3.6		2.8	4.2
164	9.9		8.3	12.5

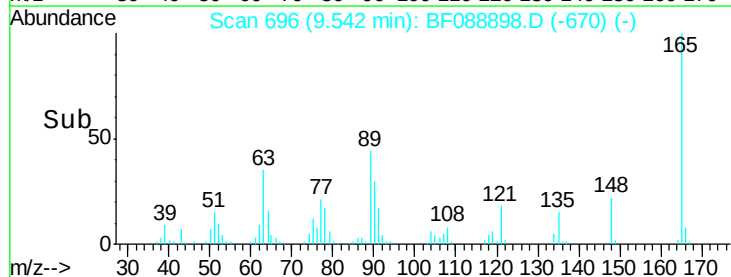
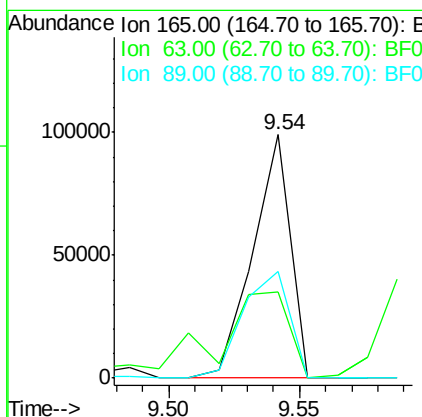
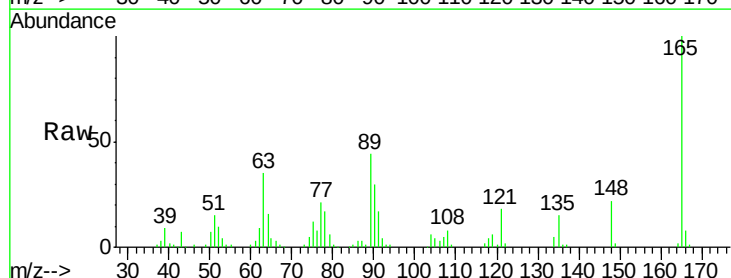
Manual Integrations

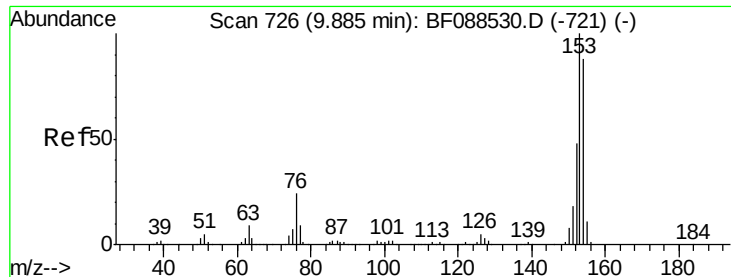
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#50
2,6-Dinitrotoluene
Concen: 46.20 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	100171		
63	35.2		28.1	42.1
89	43.9		32.2	48.2





#51

Acenaphthene

Concen: 43.44 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 378209

Ion Ratio Lower Upper

154 100

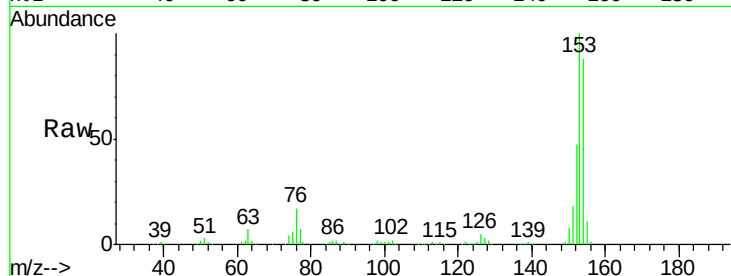
153 114.0 89.5 134.3

152 54.1 42.7 64.1

Manual Integrations

sohil

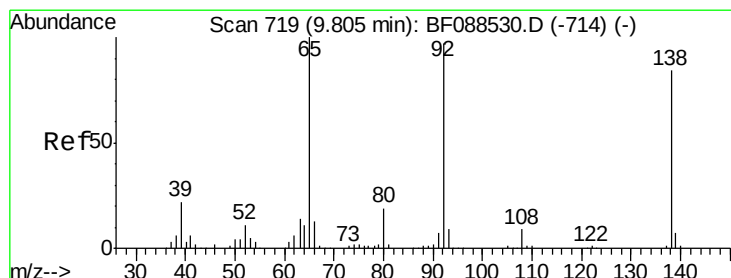
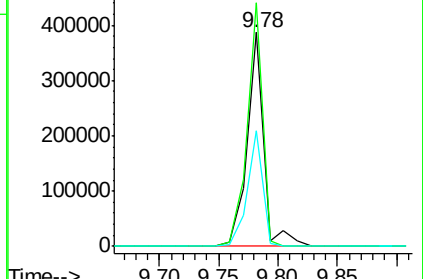
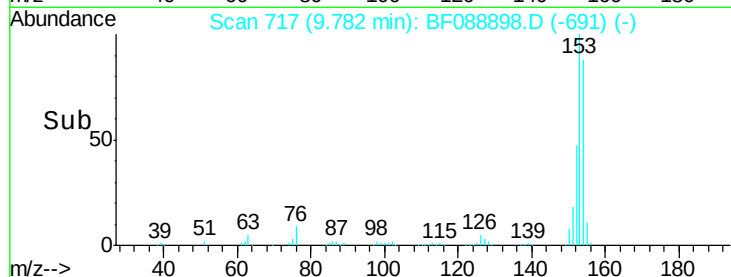
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.08 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

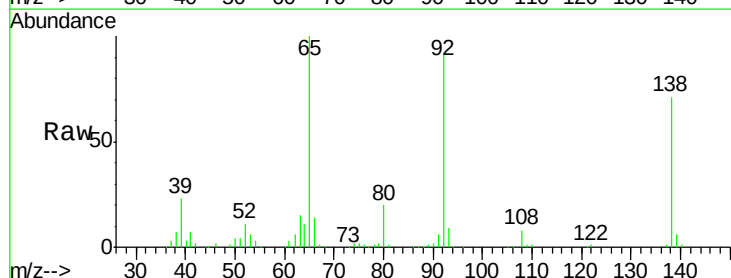
Tgt Ion:138 Resp: 96694

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

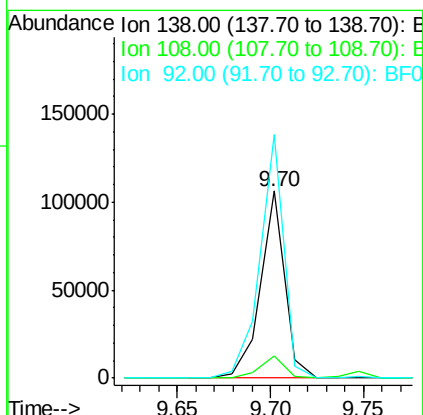
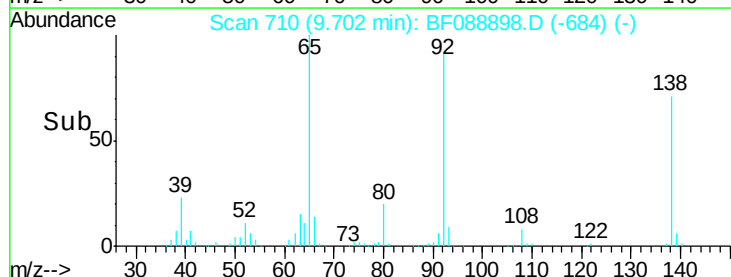
92 130.3 95.7 143.5

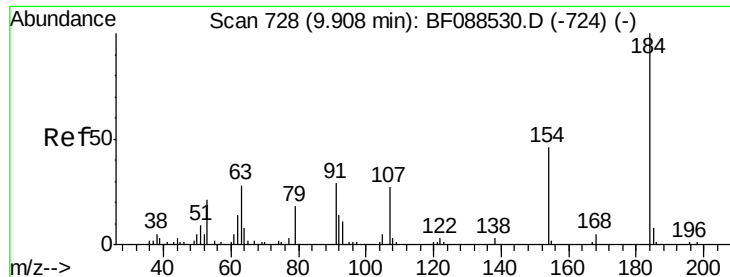


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





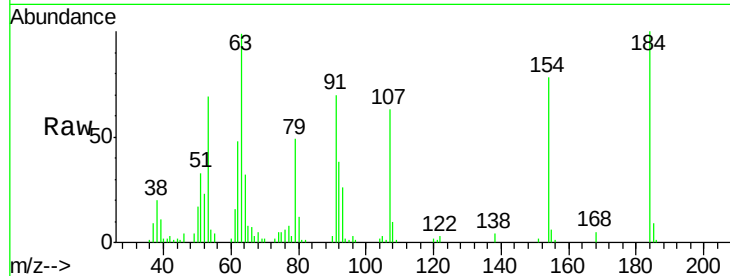
#53
 2,4-Dinitrophenol
 Concen: 41.86 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

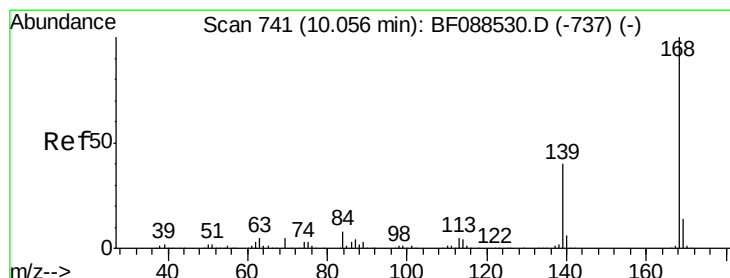
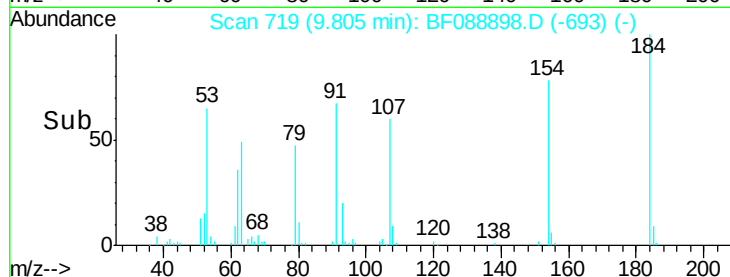
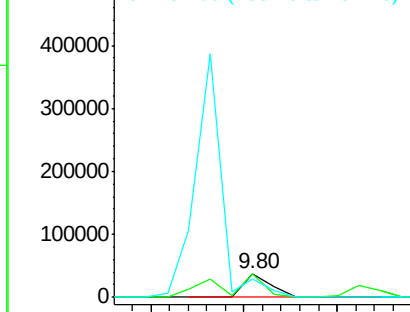
Tot Ion:184 Resp: 40073
 Ion Ratio Lower Upper
 184 100
 63 98.5 57.6 86.4#
 154 78.1 53.5 80.3

Manual Integrations

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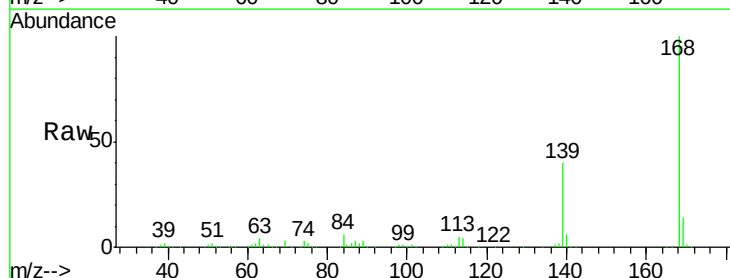


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

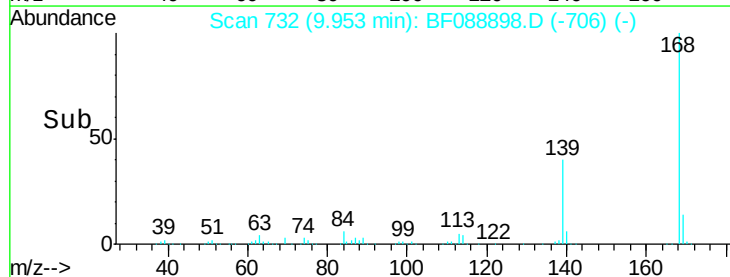
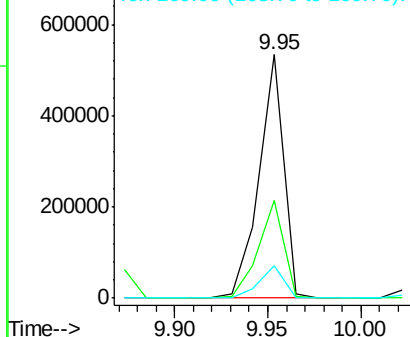


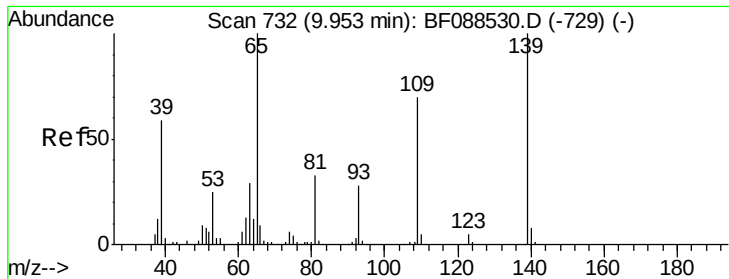
#54
 Dibenzofuran
 Concen: 42.65 ng
 RT: 9.95 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion:168 Resp: 486026
 Ion Ratio Lower Upper
 168 100
 139 40.3 26.4 39.6#
 169 13.5 10.4 15.6



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





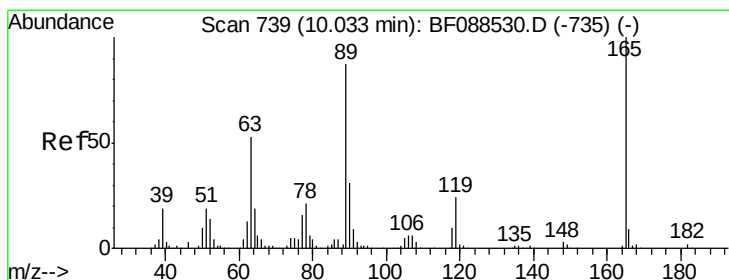
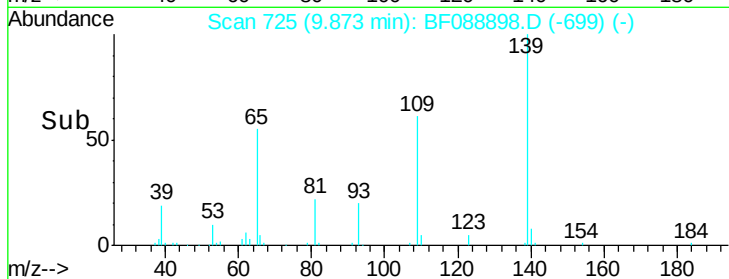
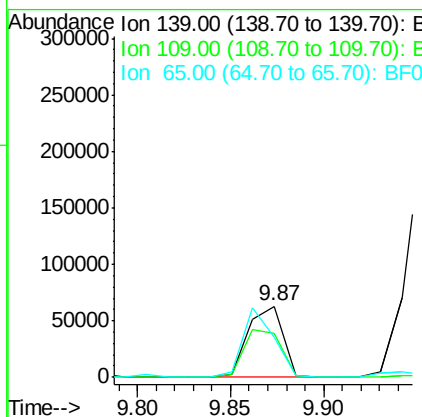
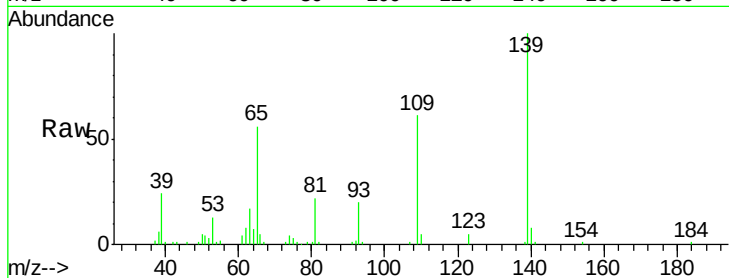
#55
4-Nitrophenol
Concen: 39.17 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.5	48.9	88.9
65	56.1	84.9	124.9

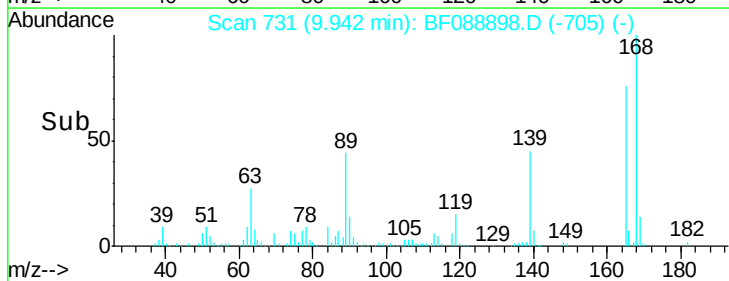
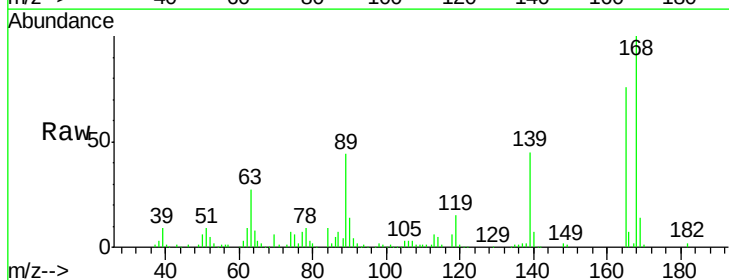
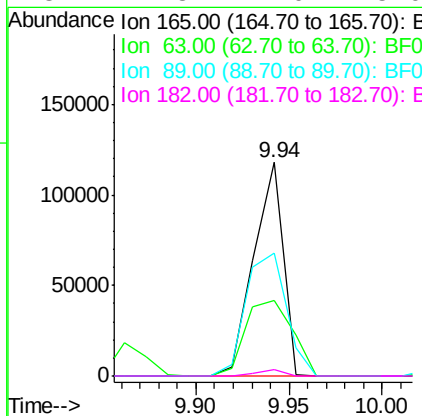
Manual Integrations

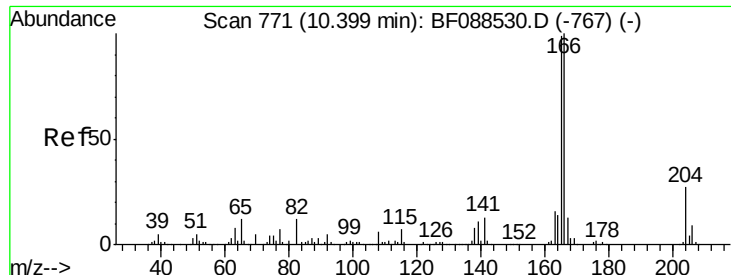
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#56
2,4-Dinitrotoluene
Concen: 45.32 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.7	22.0	33.0
89	57.7	41.1	61.7
182	2.8	2.0	3.0





#57

Fluorene

Concen: 45.29 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 397719

Ion Ratio Lower Upper

166 100

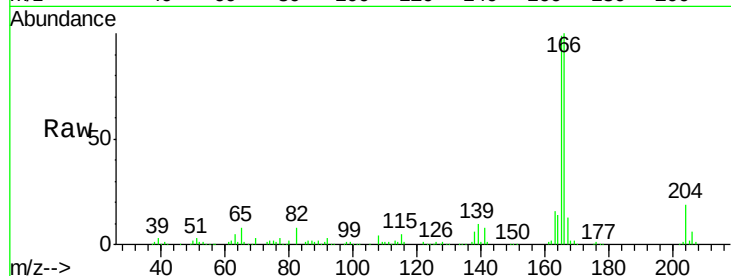
165 99.2 77.8 116.8

167 12.9 11.2 16.8

Manual Integrations

sohil

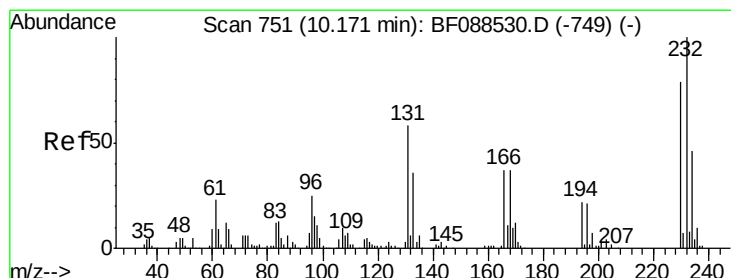
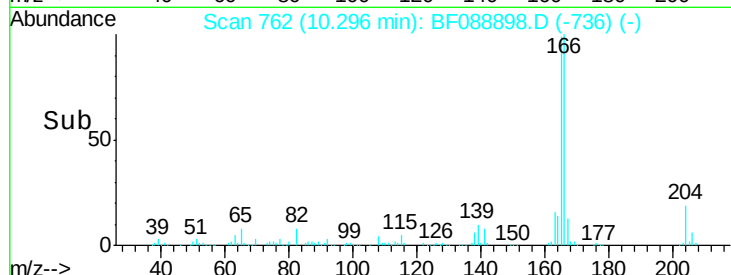
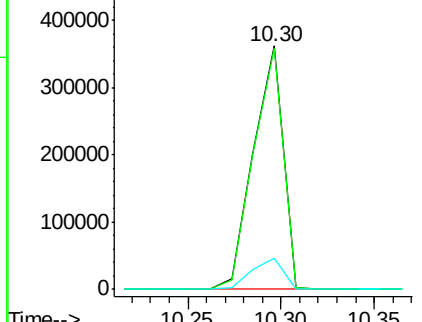
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.89 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:232 Resp: 81971

Ion Ratio Lower Upper

232 100

131 57.0 0.9 1.3#

130 2.8 1.5 2.3#

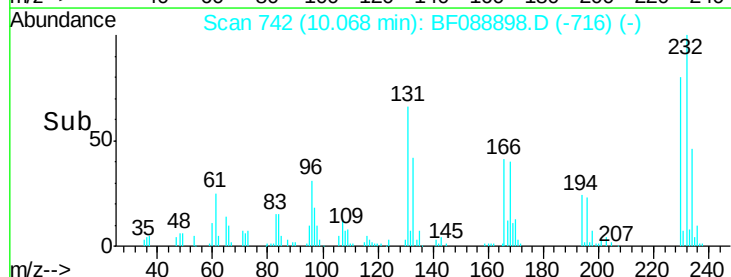
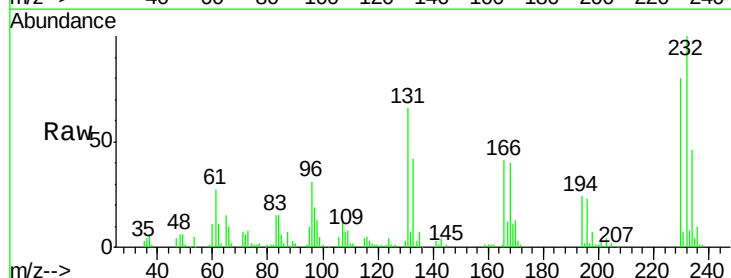
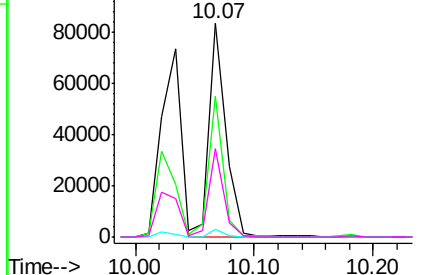
166 36.0 0.5 0.7#

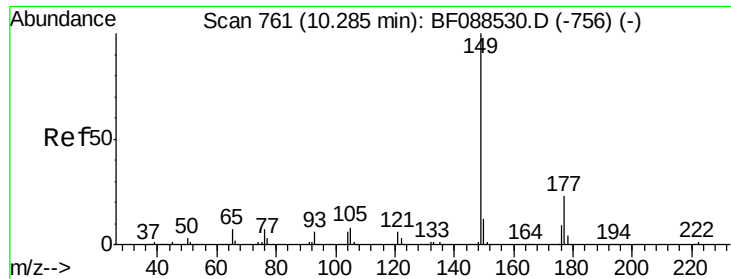
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





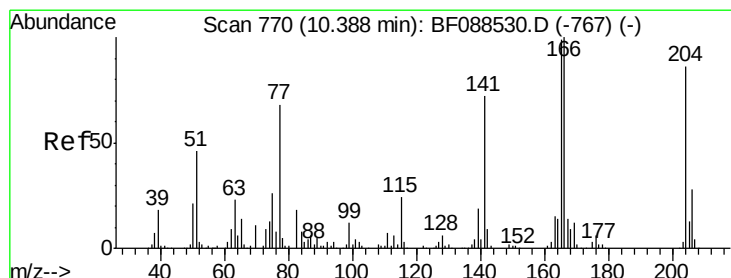
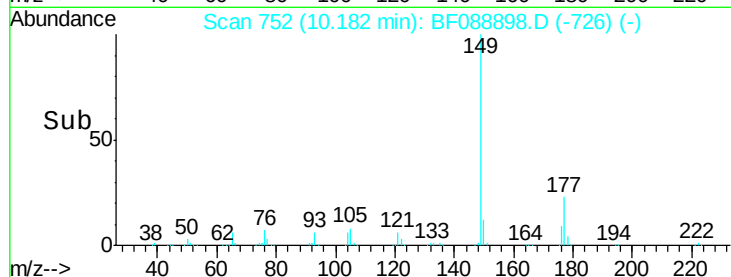
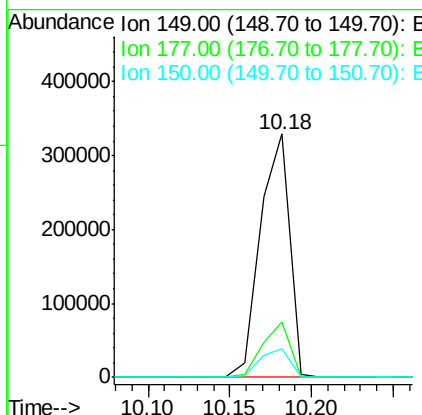
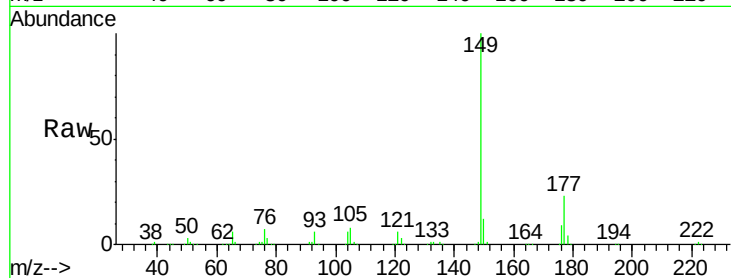
#59
Diethylphthalate
Concen: 41.94 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.9	25.3
150	11.9	10.1	15.1

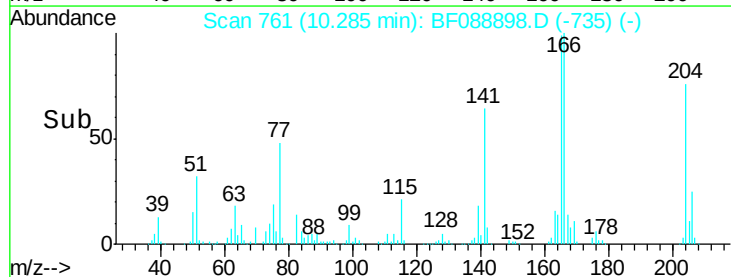
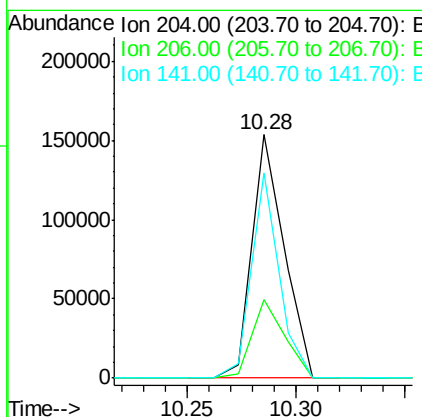
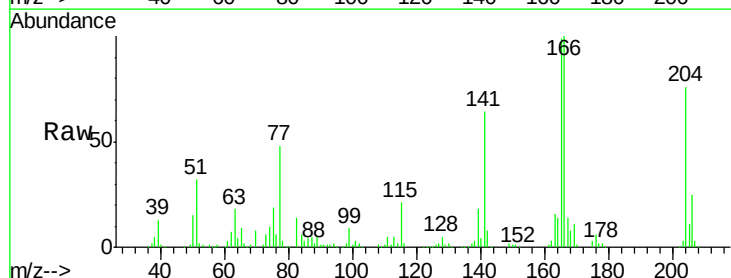
Manual Integrations

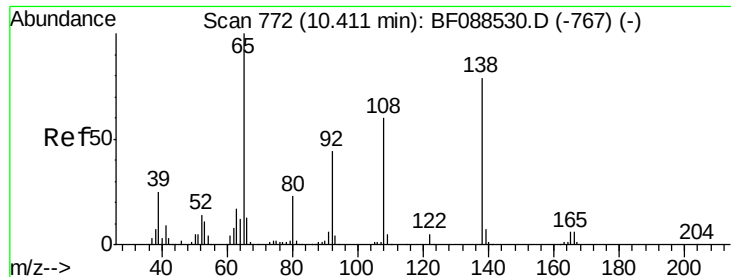
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#60
4-Chlorophenyl-phenylether
Concen: 38.59 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.3	39.5
141	84.0	55.0	82.6





#61

4-Nitroaniline

Concen: 42.48 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 112687

Ion Ratio Lower Upper

138 100

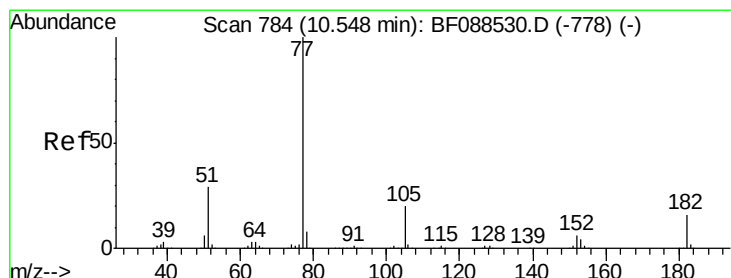
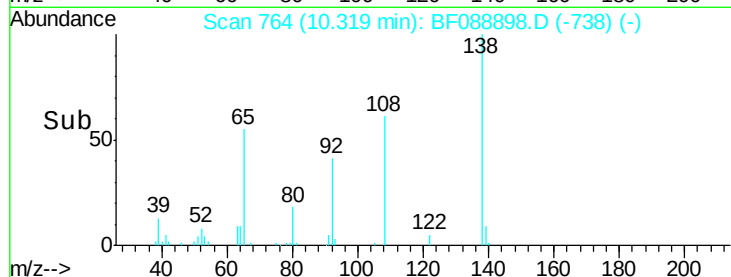
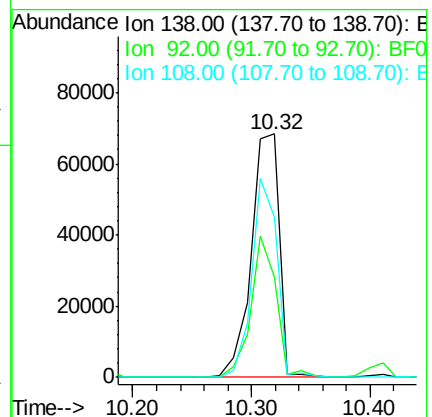
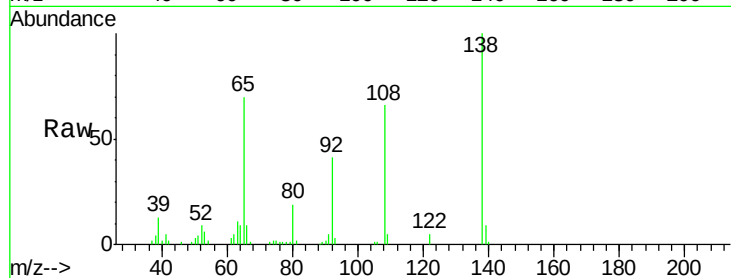
92 41.1 27.3 67.3

108 65.7 46.7 86.7

Manual Integrations

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#62

Azobenzene

Concen: 37.47 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion: 77 Resp: 419652

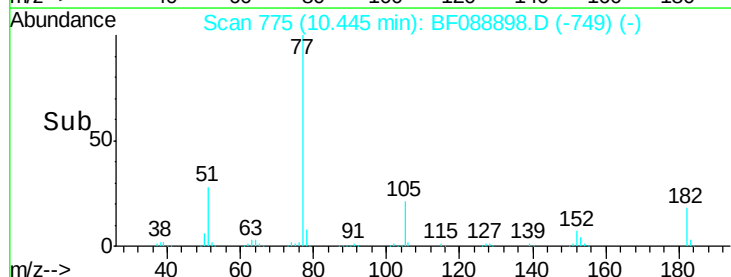
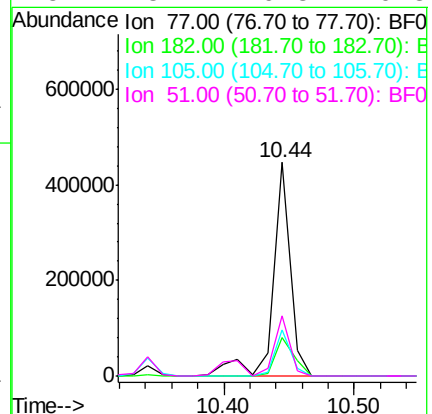
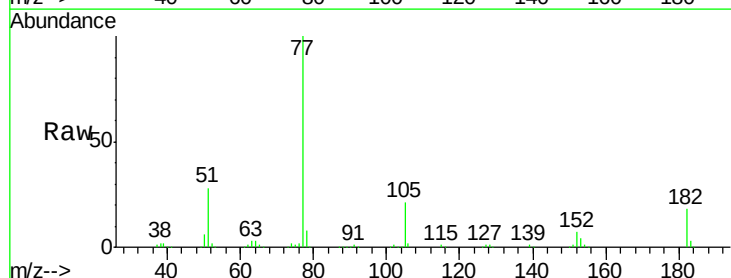
Ion Ratio Lower Upper

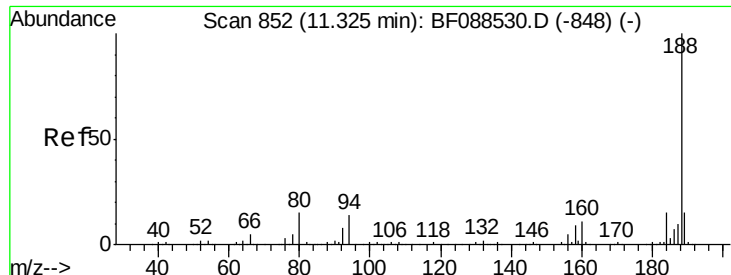
77 100

182 18.0 4.4 44.4

105 21.5 3.8 43.8

51 28.1 9.3 49.3





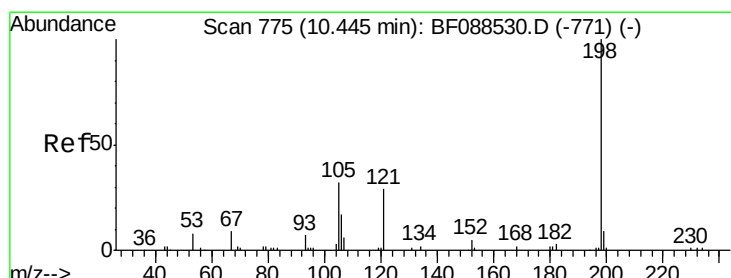
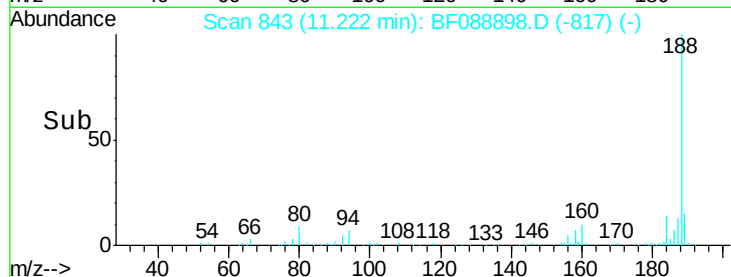
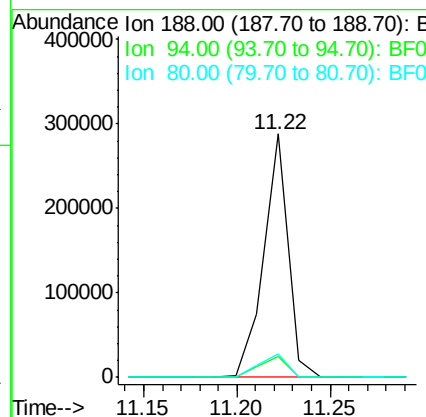
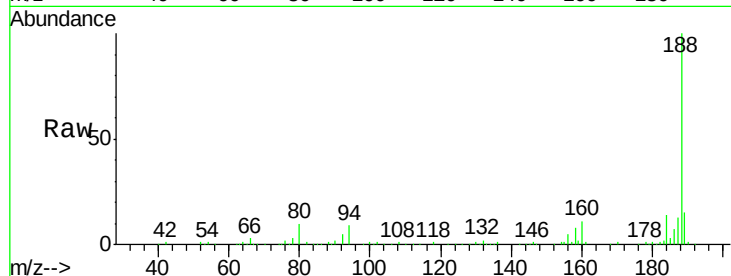
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	264662		
94	8.6		9.0	13.6#
80	9.6		10.0	15.0#

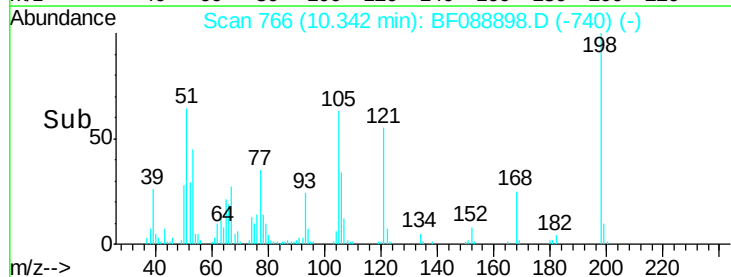
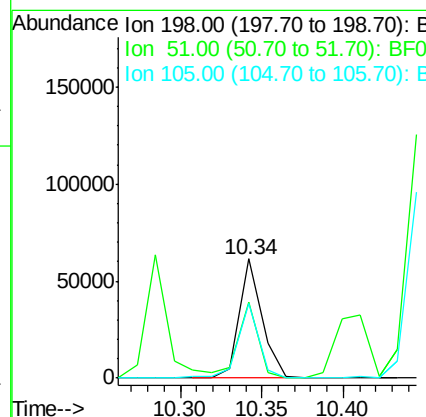
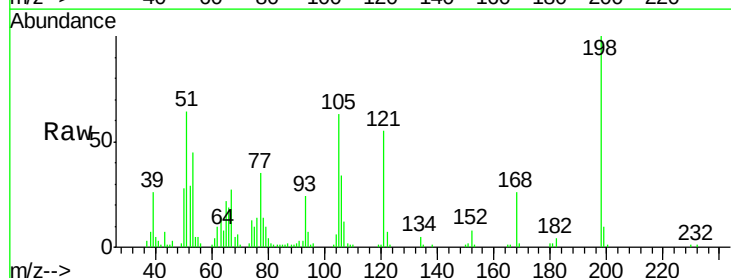
Manual Integrations

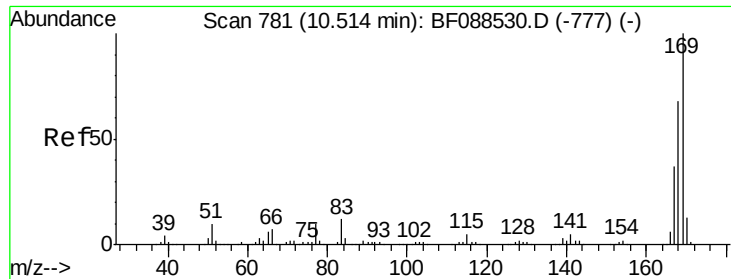
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.47 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	58708		
51	64.2		39.6	79.6
105	62.8		36.6	76.6





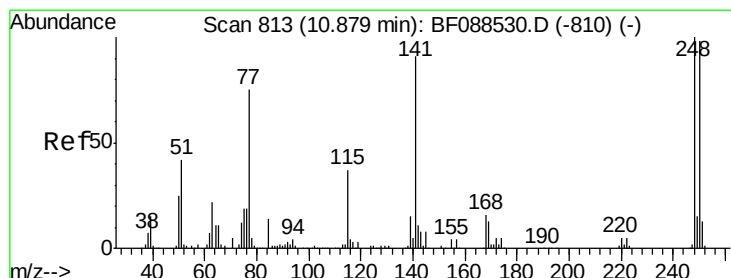
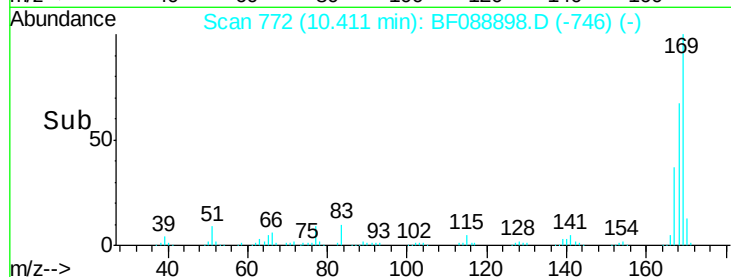
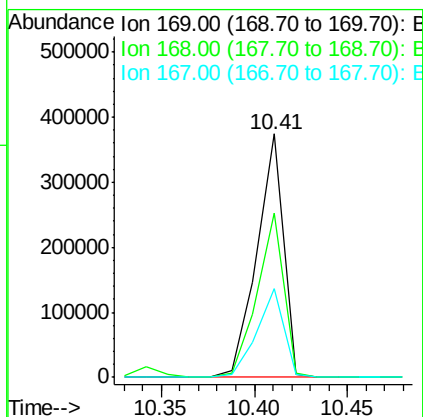
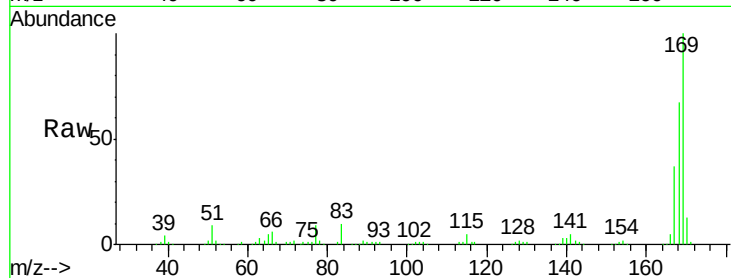
#65
 n-Nitrosodiphenylamine
 Concen: 40.99 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.5	53.4	80.0	
167	36.5	29.4	44.0	

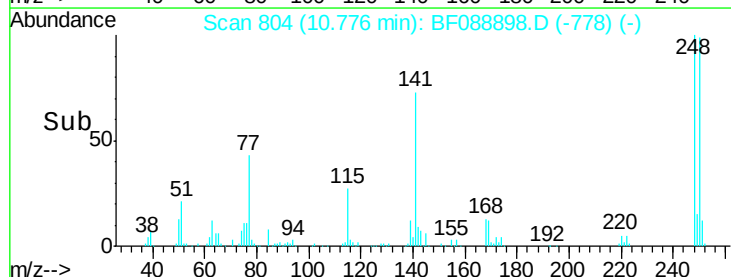
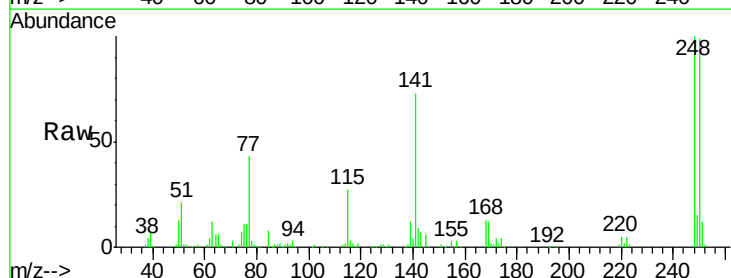
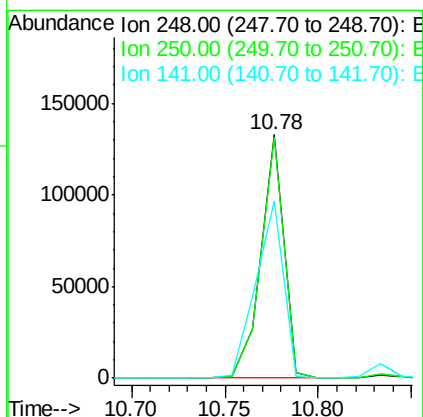
Manual Integrations

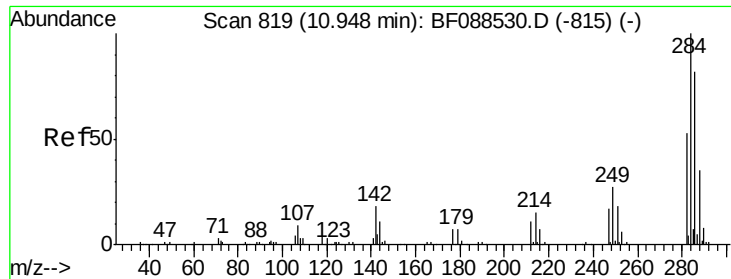
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#66
 4-Bromophenyl-phenylether
 Concen: 42.05 ng
 RT: 10.78 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	98.9	77.1	115.7	
141	72.9	50.6	76.0	





#67

Hexachlorobenzene

Concen: 38.49 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:284 Resp: 113644

Ion Ratio Lower Upper

284 100

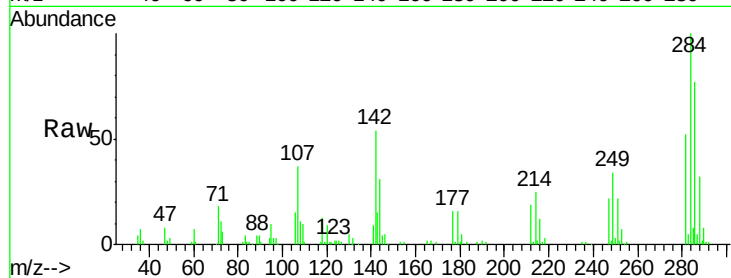
142 54.2 35.8 53.8#

249 34.5 25.8 38.6

Manual Integrations

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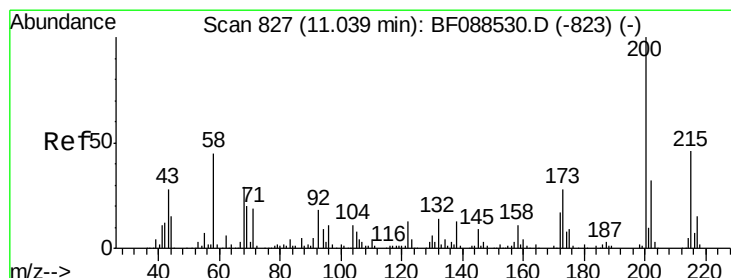
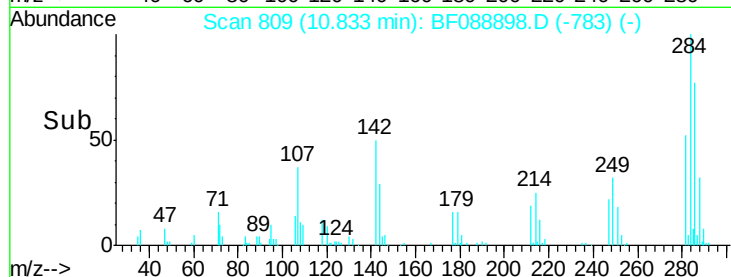
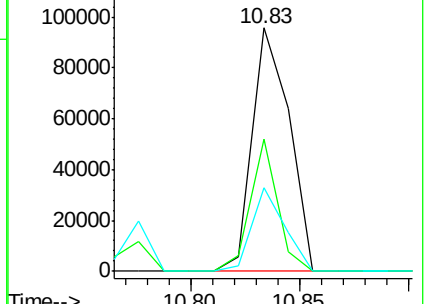
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.79 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

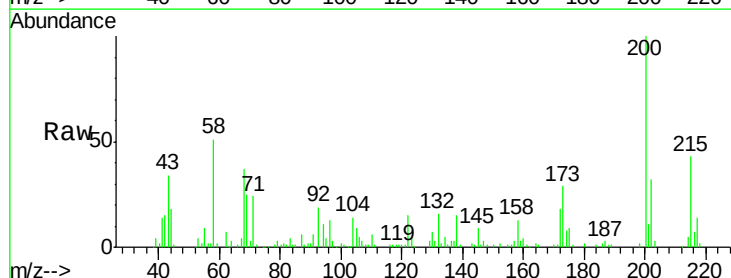
Tgt Ion:200 Resp: 97097

Ion Ratio Lower Upper

200 100

173 28.6 4.0 44.0

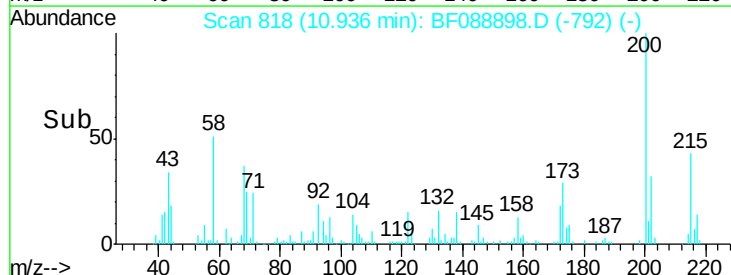
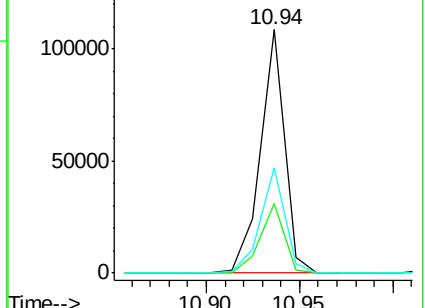
215 43.4 29.3 69.3

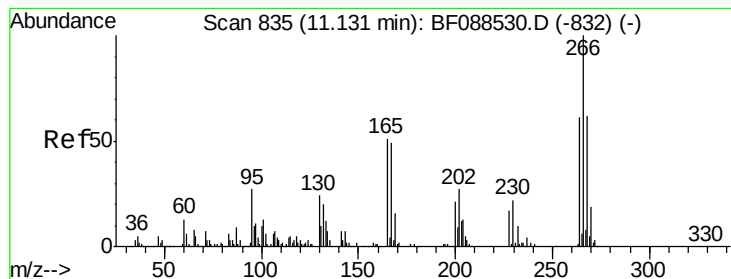


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 36.82 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:266 Resp: 64330

Ion Ratio Lower Upper

266 100

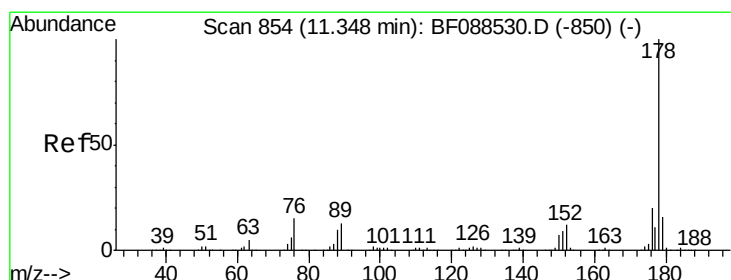
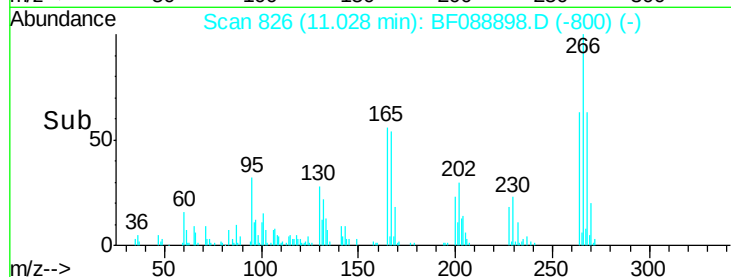
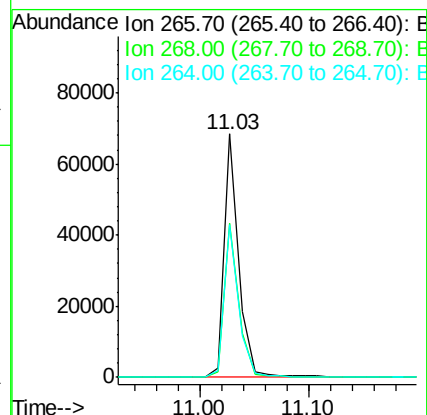
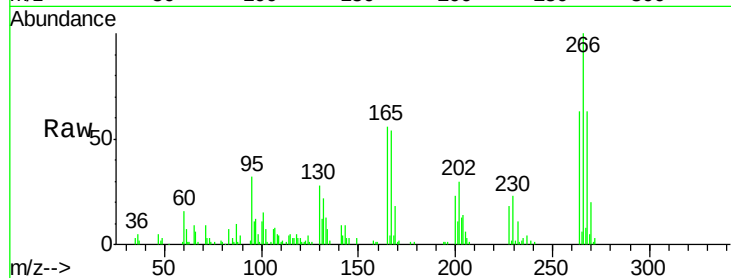
268 63.2 52.8 79.2

264 62.7 49.6 74.4

Manual Integrations

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#70

Phenanthrene

Concen: 36.29 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

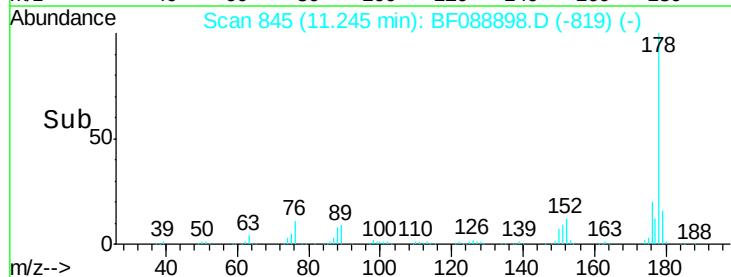
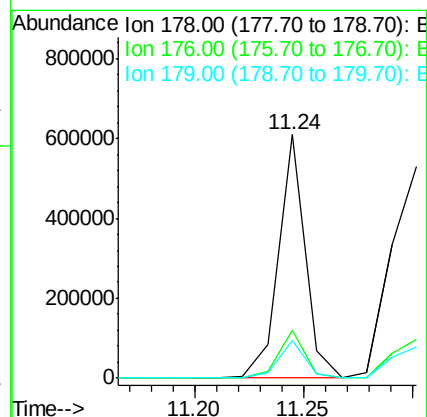
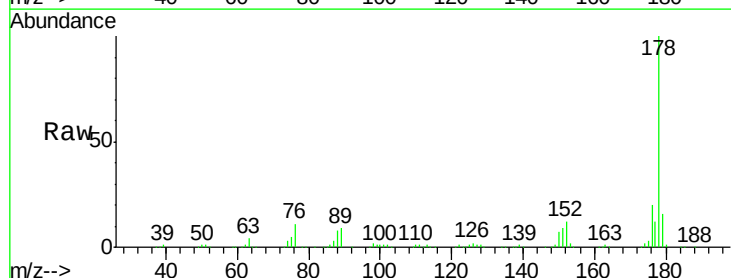
Tgt Ion:178 Resp: 525049

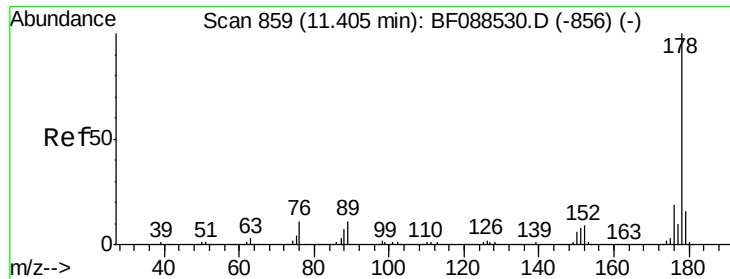
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.5 13.0 19.4





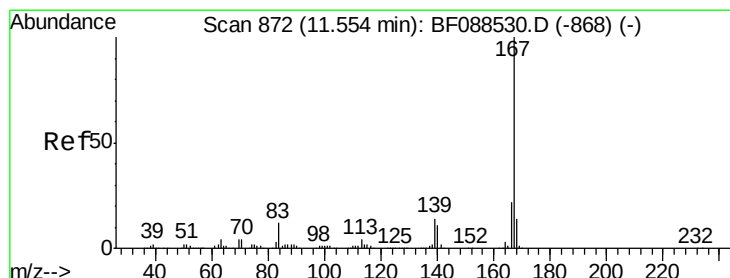
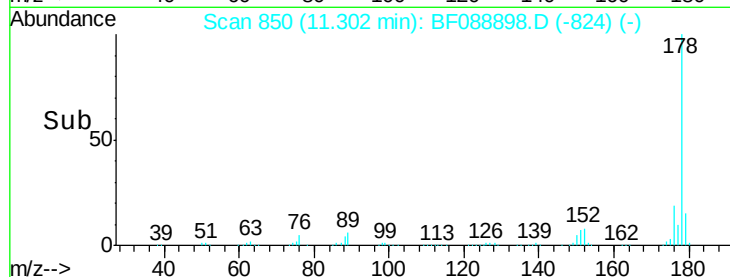
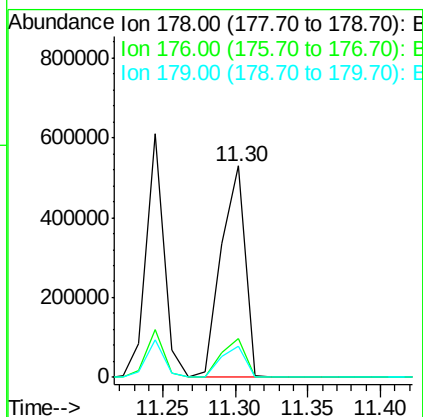
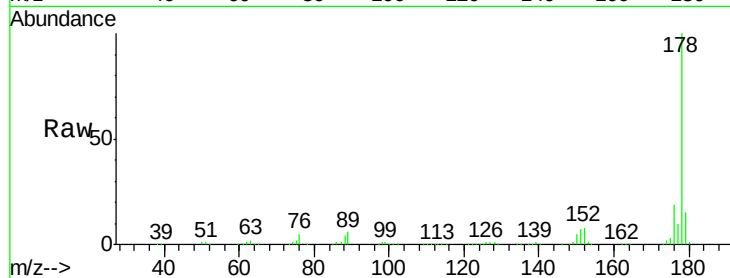
#71
 Anthracene
 Concen: 42.06 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.5	15.6	23.4	
179	15.0	12.8	19.2	

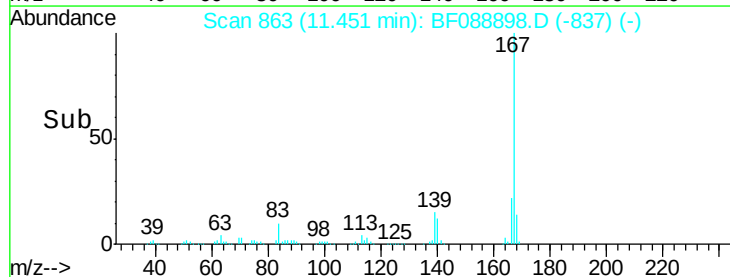
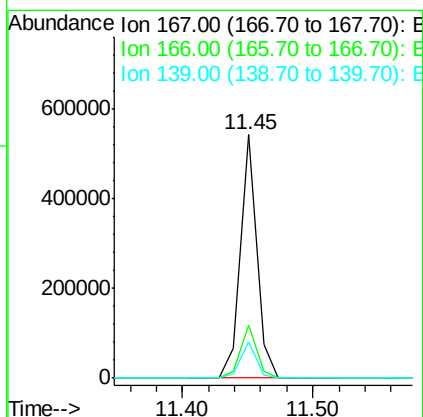
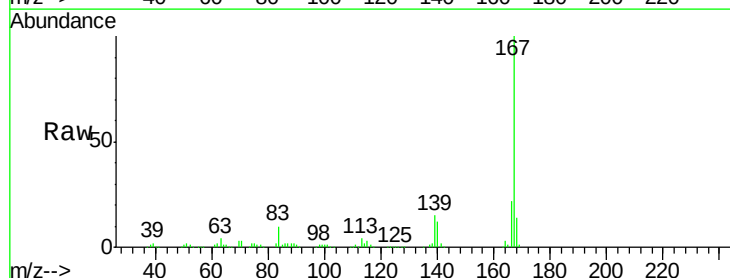
Manual Integrations

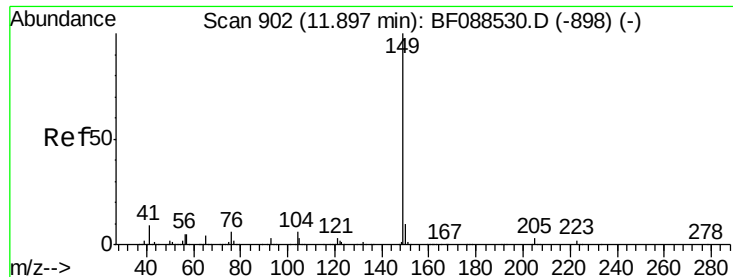
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#72
 Carbazole
 Concen: 34.87 ng
 RT: 11.45 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.8	17.8	26.6	
139	14.9	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 38.82 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

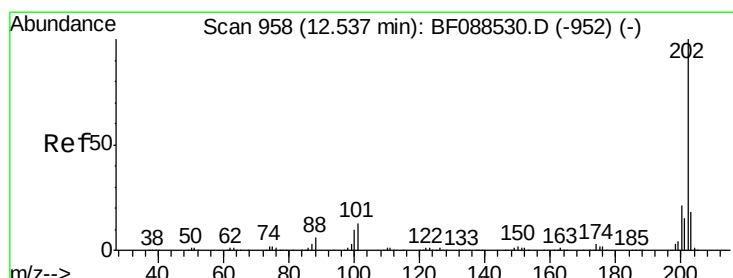
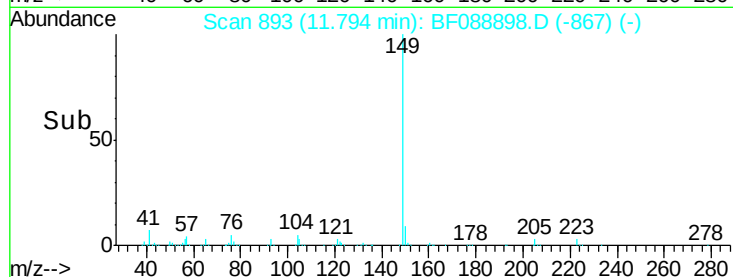
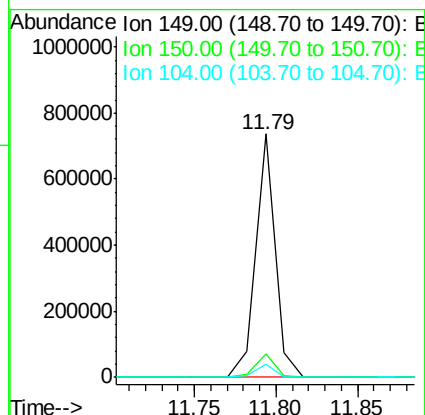
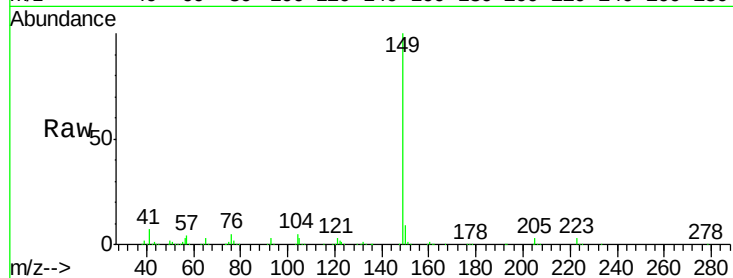
SSTDCCC040

Tot Ion:	149	Resp:	611359
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.5	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 37.65 ng

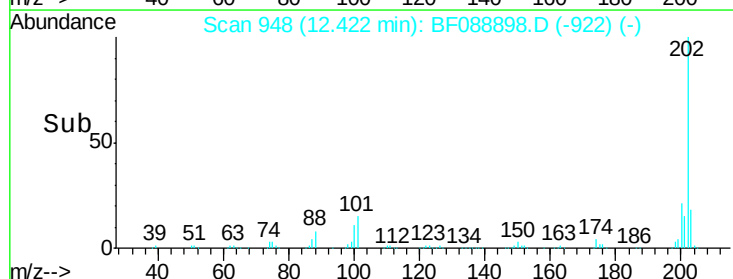
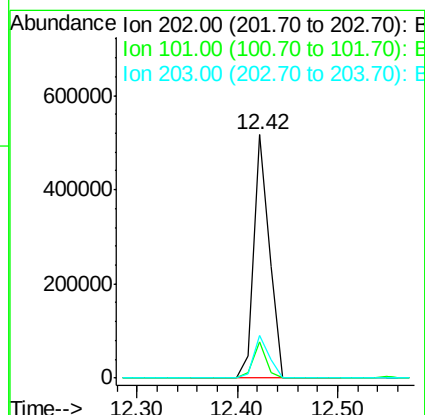
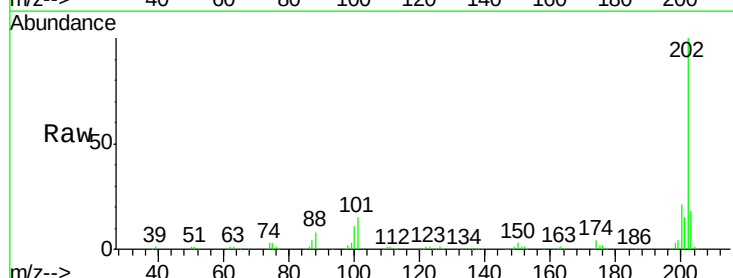
RT: 12.42 min Scan# 948

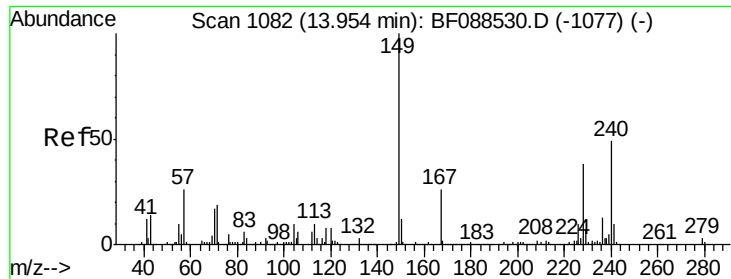
Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:	202	Resp:	552241
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	33.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

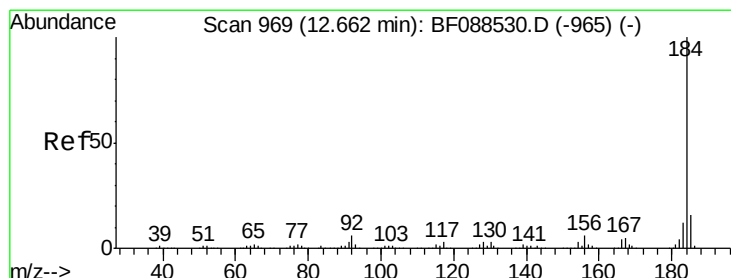
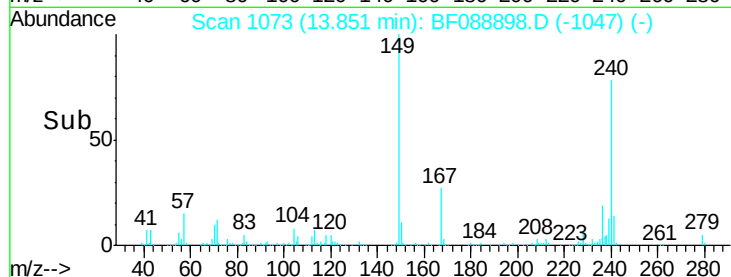
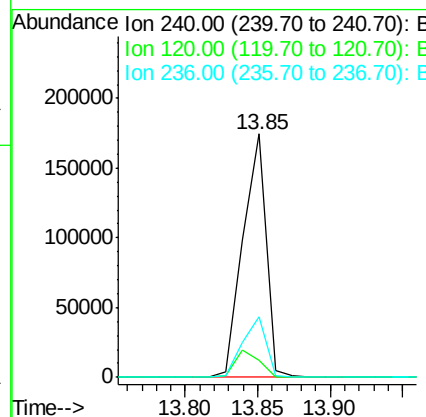
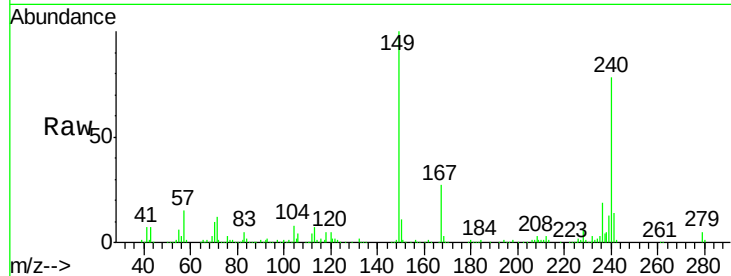
SSTDCCC040

Tot Ion:	240	Resp:	194523
Ion Ratio	Lower	Upper	
240	100		
120	6.9	6.8	10.2
236	25.0	20.2	30.2

Manual Integrations

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#76

Benzidine

Concen: 43.44 ng

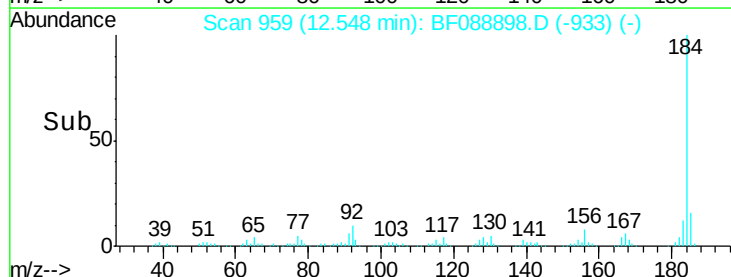
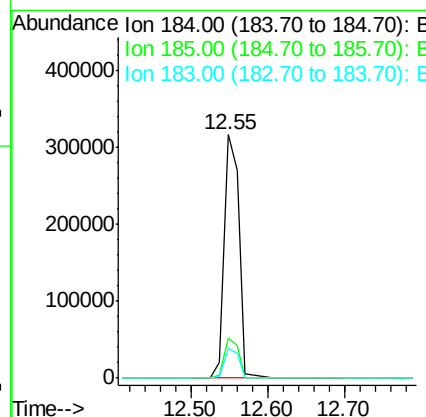
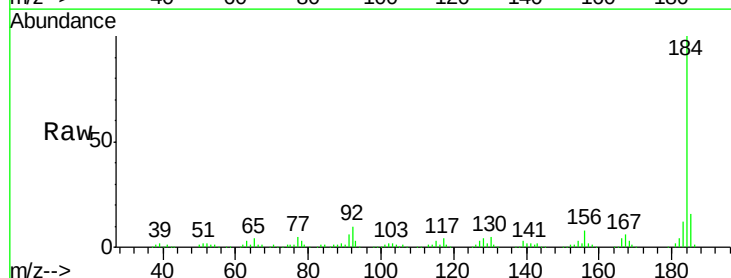
RT: 12.55 min Scan# 959

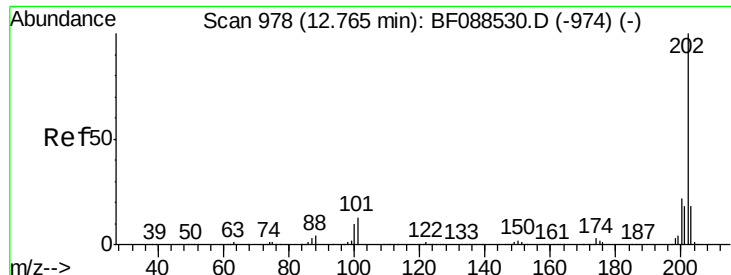
Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Tgt Ion:	184	Resp:	427140
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.5	18.7
183	12.1	9.3	13.9





#77

Pvrene

Concen: 34.12 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

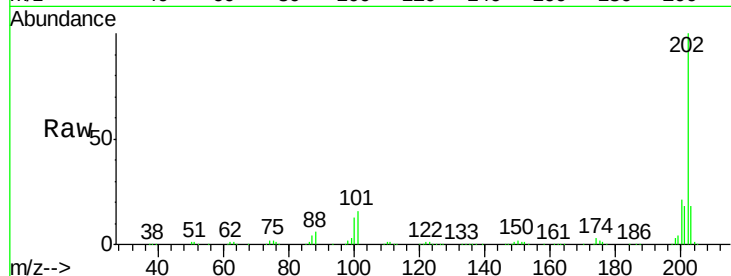
SSTDCCC040

Tot Ion:	202	Resp:	562736
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.8	14.5	21.7

Manual Integrations

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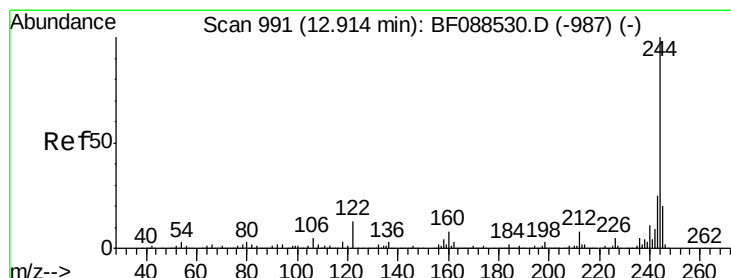
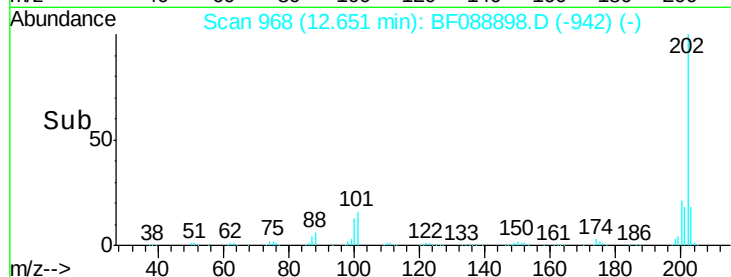
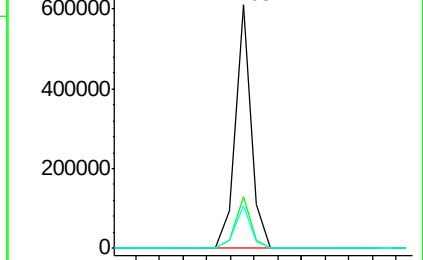
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.27 ng

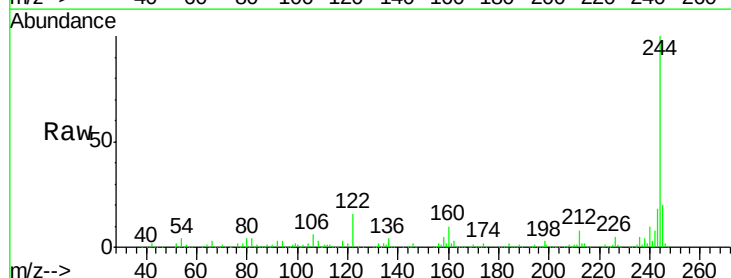
RT: 12.80 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

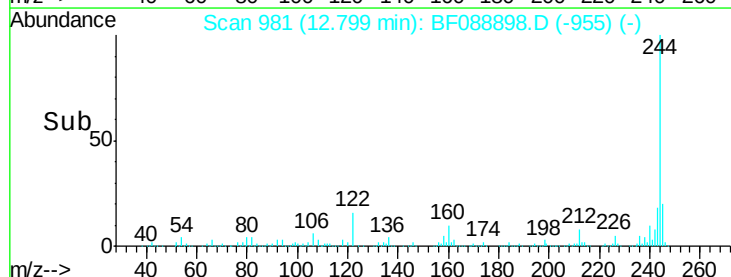
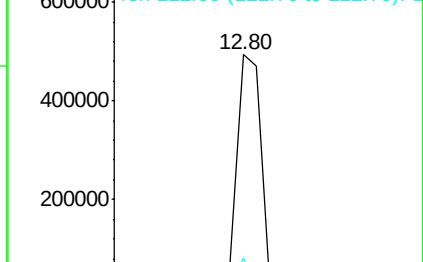
Tgt Ion:	244	Resp:	701071
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.0	9.0
122	16.5	11.2	16.8

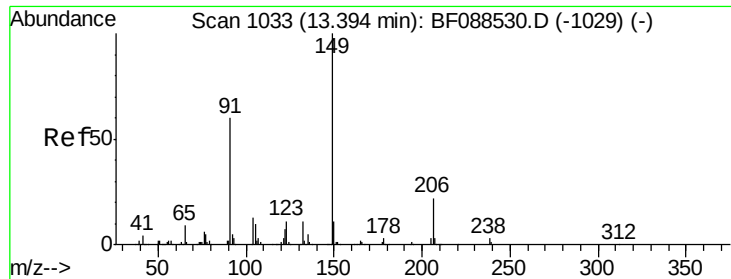


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





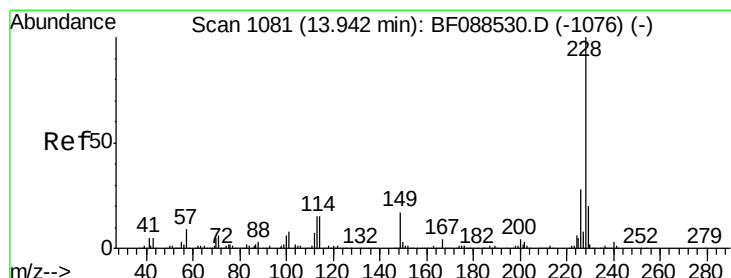
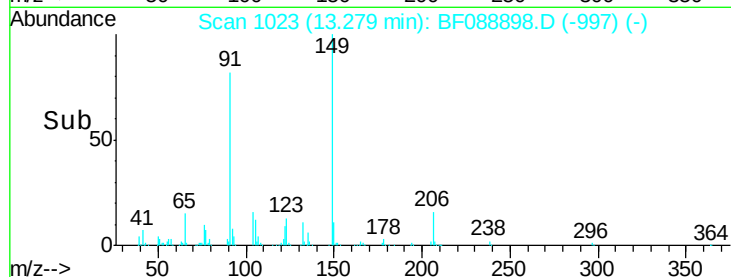
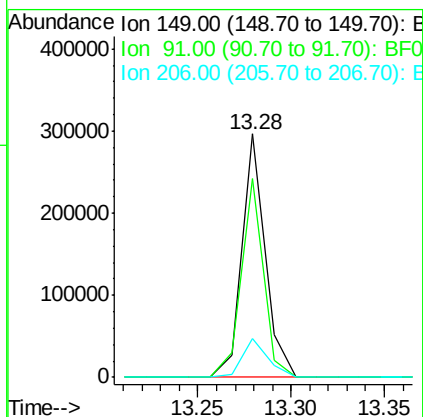
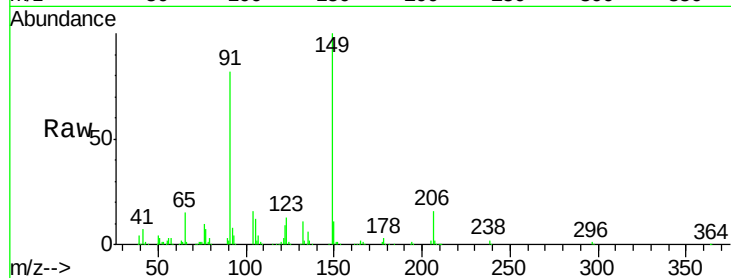
#79
Butylbenzylphthalate
Concen: 34.92 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.6	48.0	72.0
206	16.2	16.0	24.0

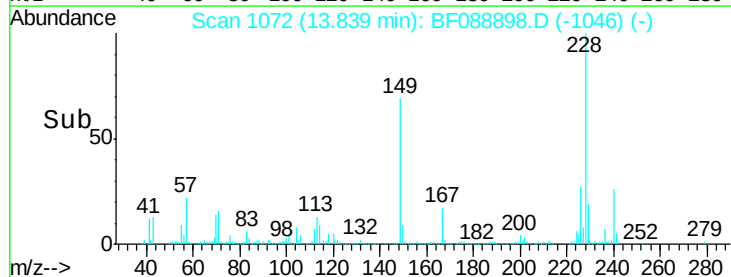
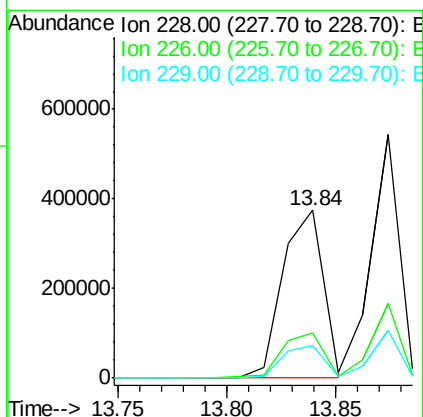
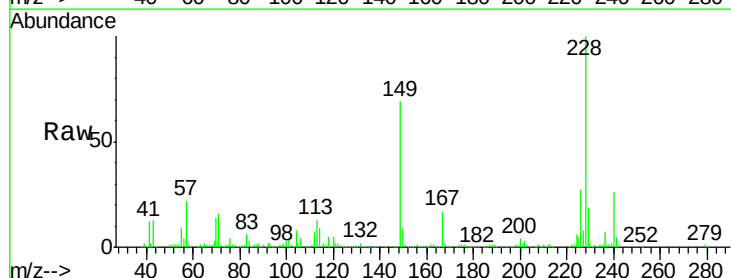
Manual Integrations

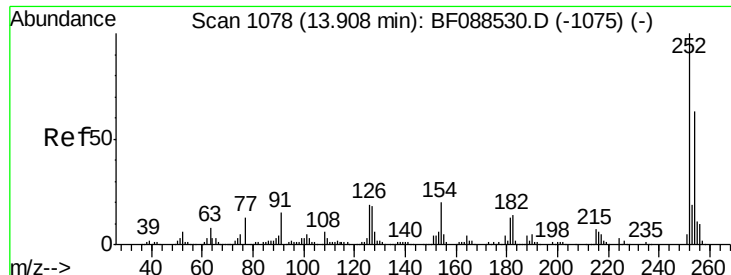
sohil
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#80
Benzo(a)anthracene
Concen: 39.03 ng
RT: 13.84 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.3	33.5
229	19.4	16.0	24.0





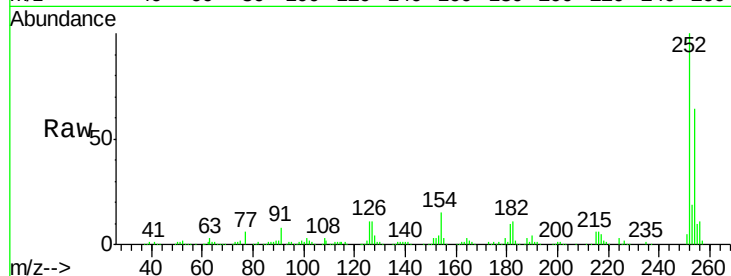
#81
 3,3'-Dichlorobenzidine
 Concen: 41.38 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

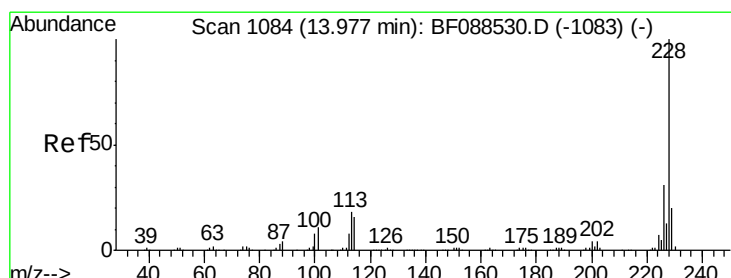
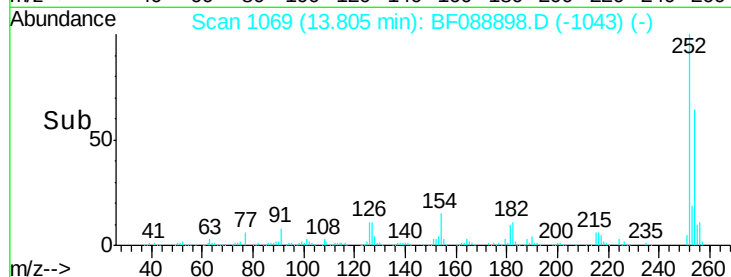
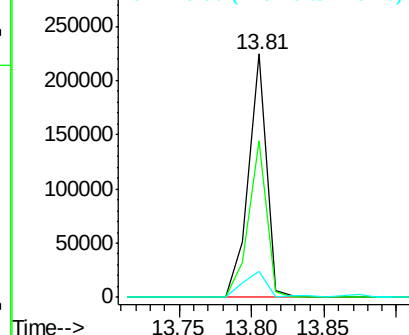
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	78.8
126	10.7	6.2	9.2

Manual Integrations

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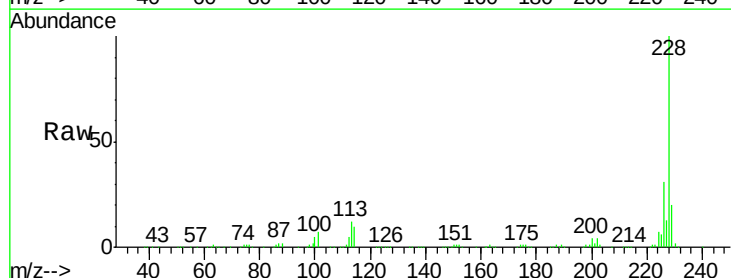


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

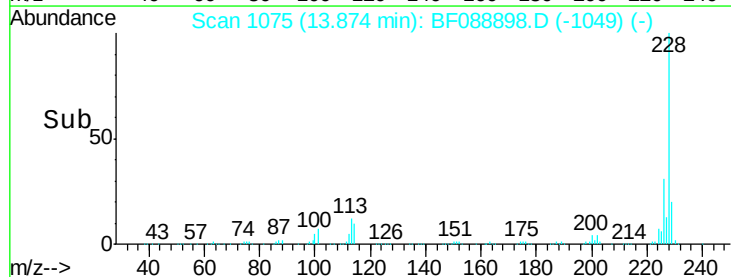
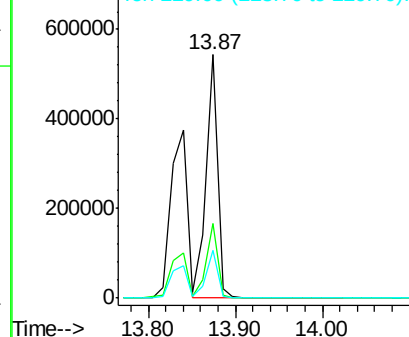


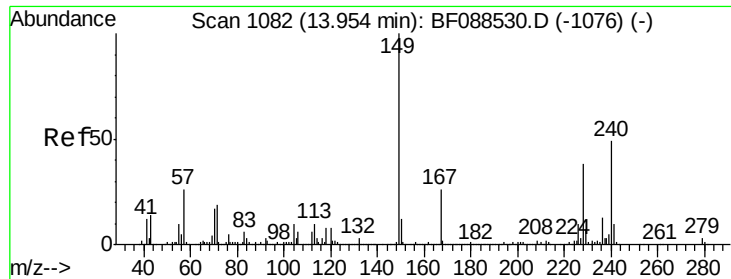
#82
 Chrysene
 Concen: 39.61 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	19.7	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.63 ng

RT: 13.84 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 341279

Ion Ratio Lower Upper

149 100

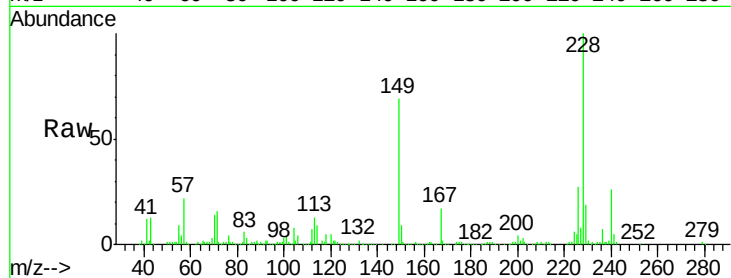
167 24.1 20.5 30.7

279 1.9 2.0 3.0#

Manual Integrations

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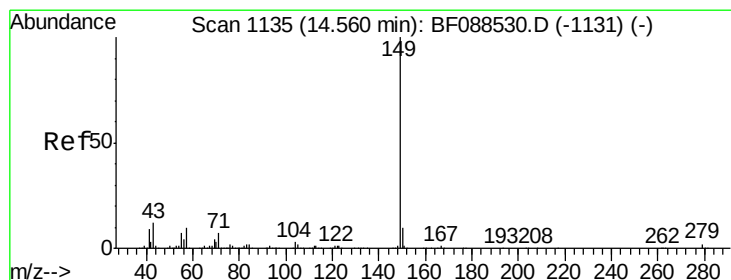
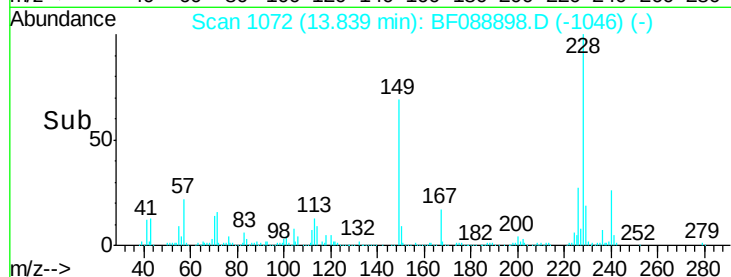
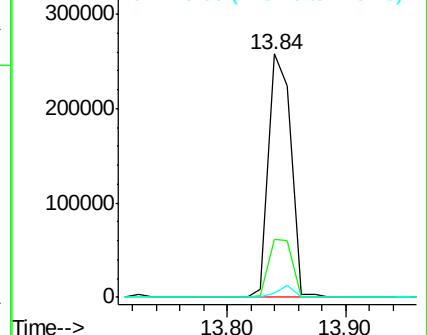
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.61 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

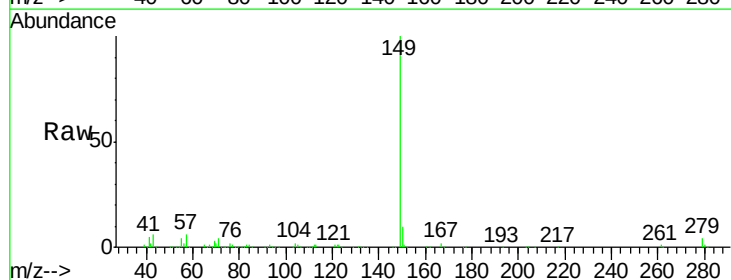
Tgt Ion:149 Resp: 622254

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

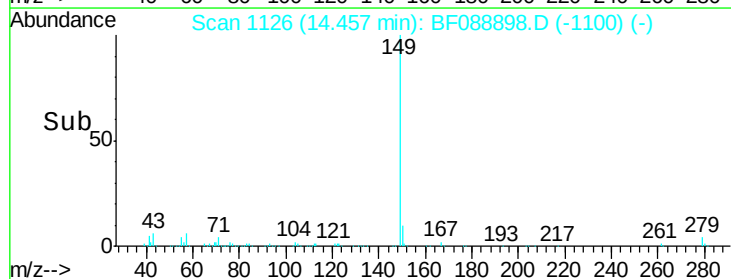
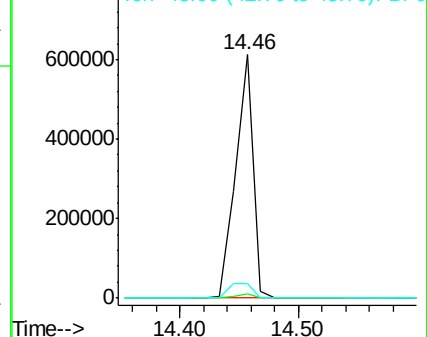
43 8.5 0.0 0.0#

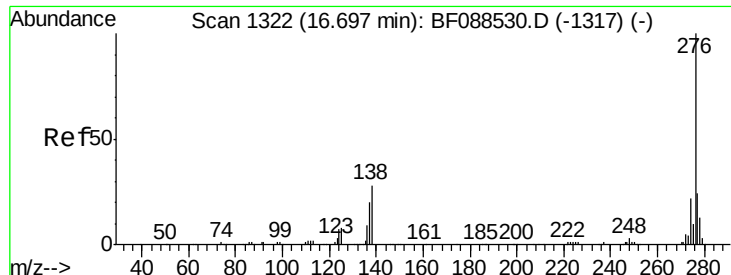


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





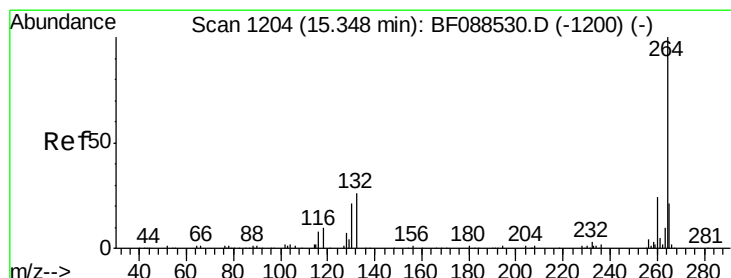
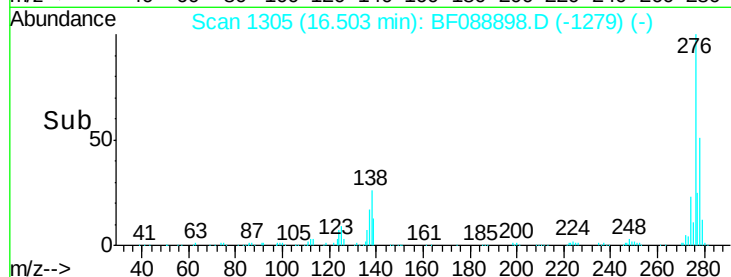
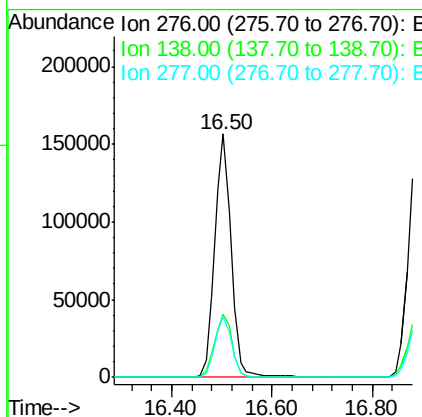
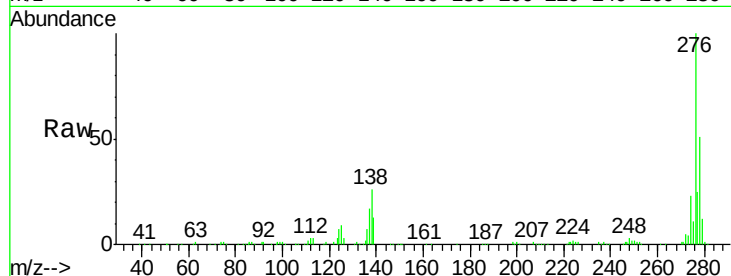
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.27 ng
RT: 16.50 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	0.0	0.0#
277	25.4	0.0	0.0#

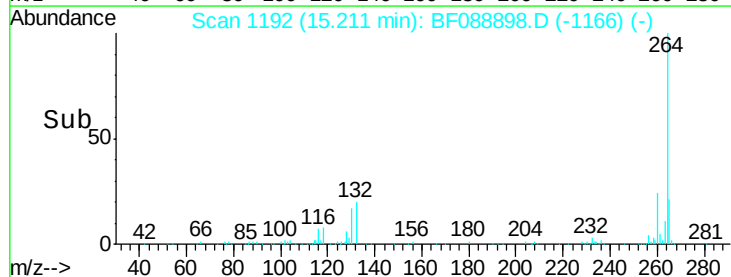
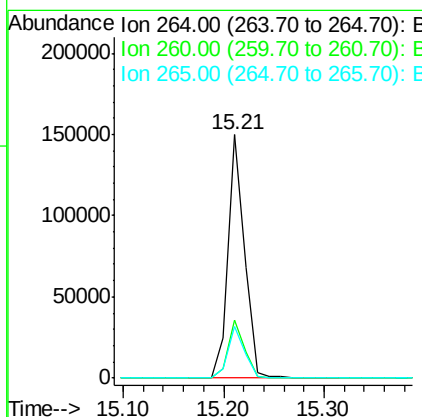
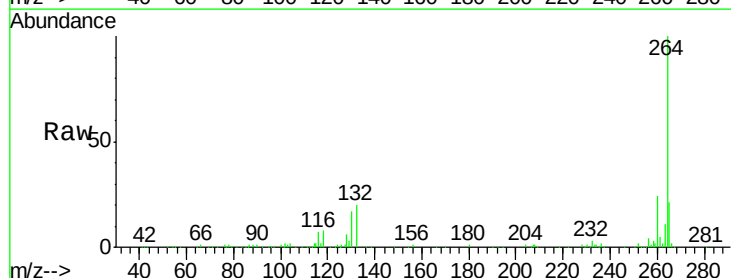
Manual Integrations

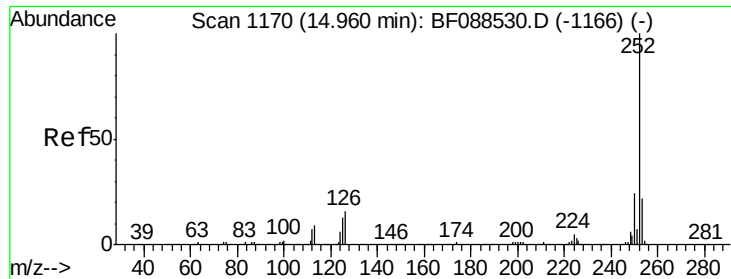
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 37.03 ng m

RT: 14.83 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF088898.D

Acq: 11 Jul 2016 14:25

Instrument :

BNA_F

ClientSampled :

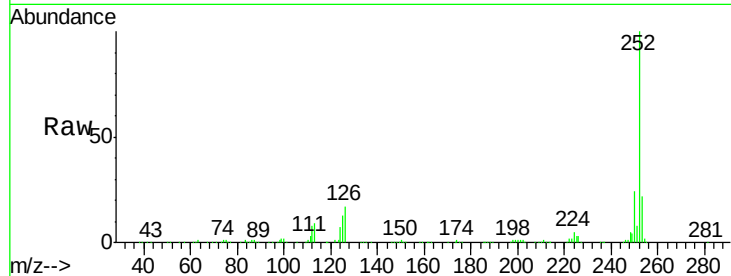
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	13.3	7.1	10.7

Manual Integrations

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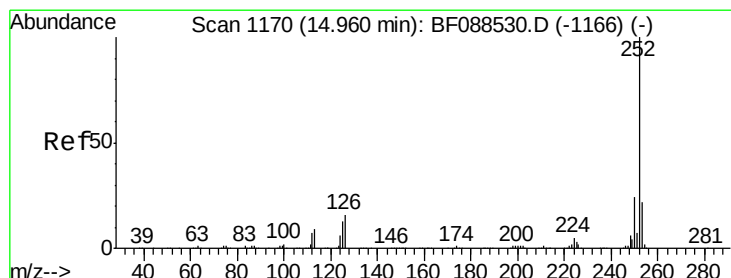
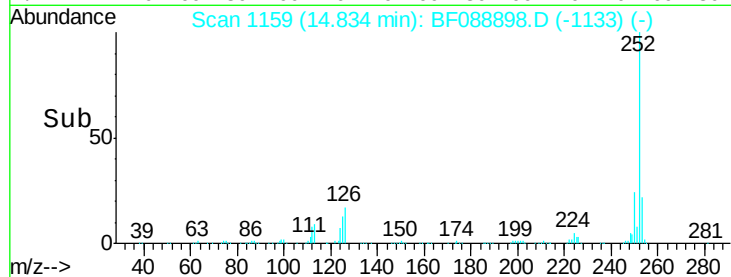
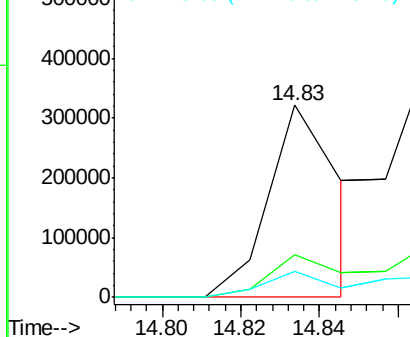
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.36 ng m

RT: 14.87 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF088898.D

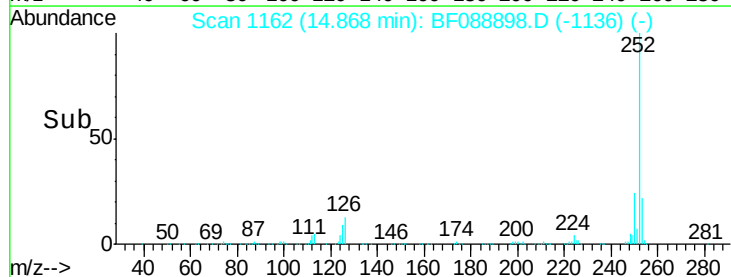
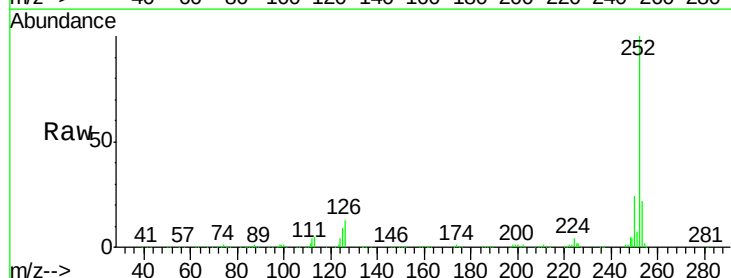
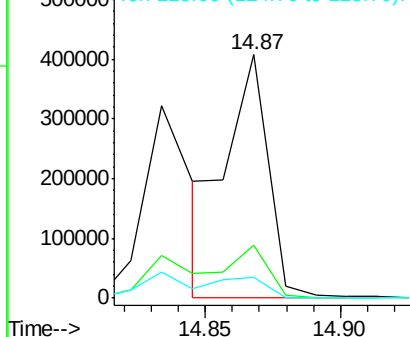
Acq: 11 Jul 2016 14:25

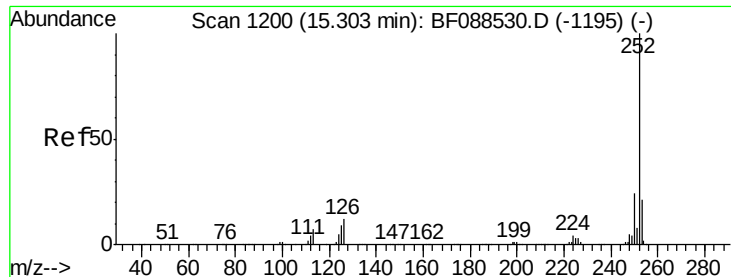
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	8.6	11.2	16.8

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





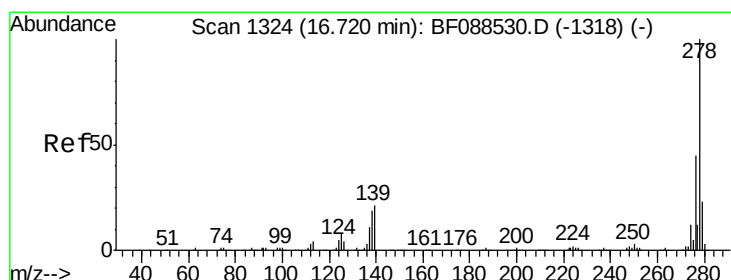
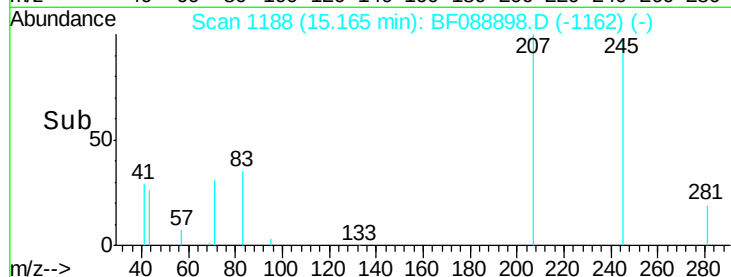
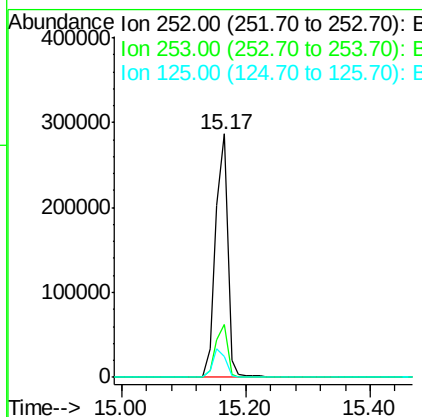
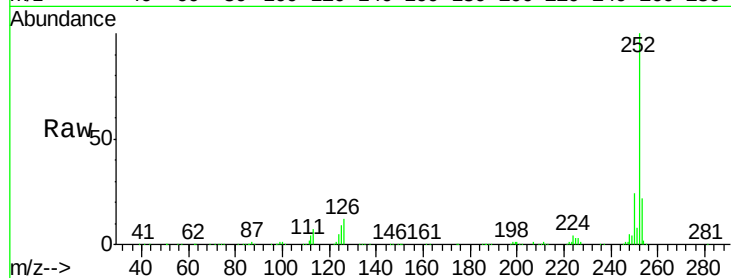
#89
Benzo(a)pyrene
Concen: 42.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	8.8	12.5	18.7

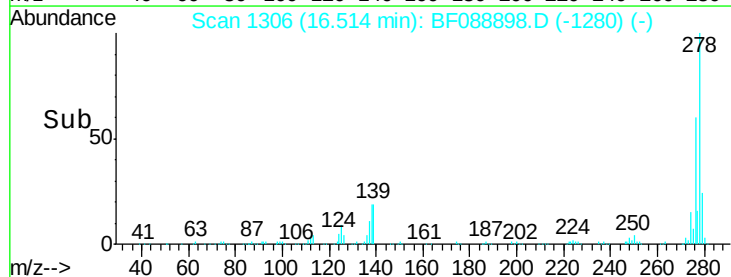
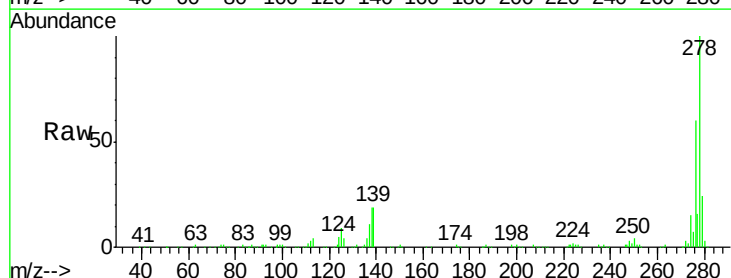
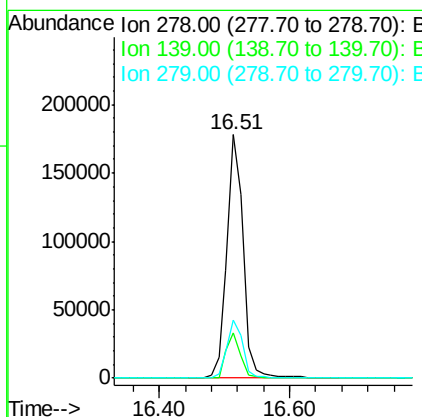
Manual Integrations

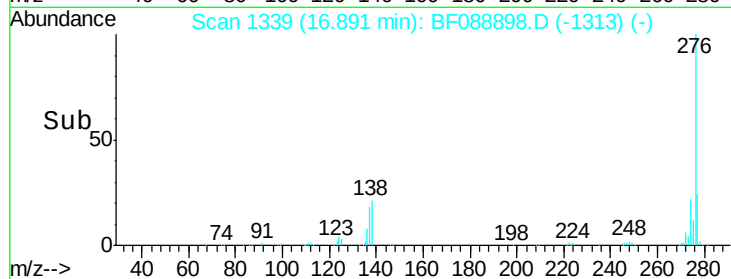
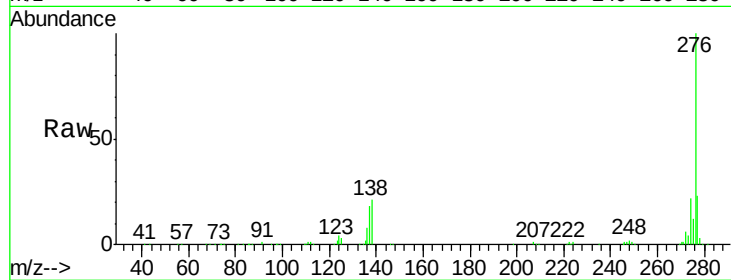
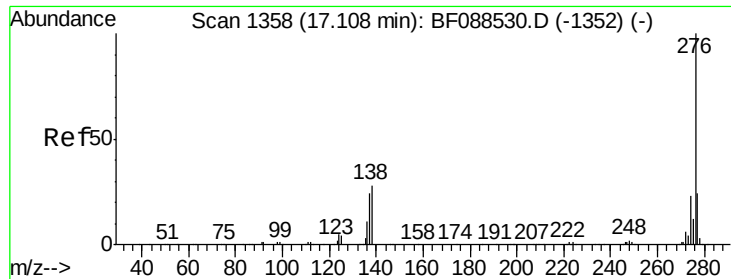
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#90
Dibenzo(a,h)anthracene
Concen: 40.59 ng
RT: 16.51 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF088898.D
Acq: 11 Jul 2016 14:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.7	23.5
279	24.0	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 39.06 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF088898.D
 Acq: 11 Jul 2016 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.1	21.4	32.2

Manual Integrations

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