

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF088982.D
 Acq On : 14 Jul 2016 12:54
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:18 AM

Quant Time: Jul 15 01:34:19 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	6.68	152	53495	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	232496	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	105695	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	192971	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	134014	20.00	ng	-0.03
86) Perylene-d12	15.18	264	107114	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	309612	86.74	ng	-0.01
7) Phenol-d6	6.34	99	383196	83.08	ng	-0.01
23) Nitrobenzene-d5	7.26	82	323132	72.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	72527	73.89	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	563002	84.14	ng	-0.02
78) Terphenyl-d14	12.78	244	471866	78.42	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	64585	36.50	ng	# 33
3) Pyridine	2.83	79	176622	34.39	ng	94
4) n-Nitrosodimethylamine	2.79	42	75488	38.48	ng	97
6) Aniline	6.35	93	255611	38.03	ng	# 16
8) 2-Chlorophenol	6.48	128	156632	40.83	ng	83
9) Benzaldehyde	6.23	77	103969	33.28	ng	88
10) Phenol	6.35	94	227848	43.29	ng	# 58
11) bis(2-Chloroethyl)ether	6.43	93	162628	41.43	ng	85
12) 1,3-Dichlorobenzene	6.63	146	182050	43.12	ng	99
13) 1,4-Dichlorobenzene	6.71	146	191951	45.81	ng	98
14) 1,2-Dichlorobenzene	6.86	146	153219m	39.07	ng	
15) Benzyl Alcohol	6.83	79	137398	40.48	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.97	45	193774	34.09	ng	69
17) 2-Methylphenol	6.96	107	120619	38.54	ng	94
18) Hexachloroethane	7.20	117	68303	42.14	ng	# 85
19) n-Nitroso-di-n-propylamine	7.12	70	126641	40.88	ng	88
20) 3+4-Methylphenols	7.12	107	168853	44.95	ng	# 78
22) Acetophenone	7.11	105	246405	43.67	ng	# 92
24) Nitrobenzene	7.28	77	197065	44.05	ng	88
25) Isophorone	7.52	82	302180	36.77	ng	95
26) 2-Nitrophenol	7.60	139	83349	45.44	ng	# 78
27) 2,4-Dimethylphenol	7.64	122	146998	38.48	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	204184	38.18	ng	# 96
29) 2,4-Dichlorophenol	7.84	162	126923	41.11	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	139059	41.04	ng	98
31) Naphthalene	8.00	128	513663	44.81	ng	99
32) Benzoic acid	7.78	122	103639	37.36	ng	89
33) 4-Chloroaniline	8.04	127	195270	38.29	ng	# 92
34) Hexachlorobutadiene	8.12	225	76176	41.99	ng	98
35) Caprolactam	8.42	113	41733	39.80	ng	95
36) 4-Chloro-3-methylphenol	8.54	107	148147	40.57	ng	85
37) 2-Methylnaphthalene	8.68	142	286371	38.80	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	170560	48.52	ng	# 1
40) Hexachlorocyclopentadiene	8.84	237	60750	35.21	ng	98

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 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations

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Quant Time: Jul 15 01:34:19 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	96250	41.53	nq	100
43) 2,4,5-Trichlorophenol	9.00	196	82127	41.18	nq #	80
45) 1,1'-Biphenyl	9.15	154	407352	46.54	nq	96
46) 2-Chloronaphthalene	9.18	162	299586	43.60	nq	95
47) 2-Nitroaniline	9.27	65	91056	37.34	nq	95
48) Acenaphthylene	9.59	152	478863	43.80	nq	99
49) Dimethylphthalate	9.46	163	323123	42.91	nq	98
50) 2,6-Dinitrotoluene	9.52	165	76731	45.98	nq	97
51) Acenaphthene	9.76	154	303189	45.24	nq	98
52) 3-Nitroaniline	9.68	138	74075	34.92	nq	87
53) 2,4-Dinitrophenol	9.79	184	31430	42.65	nq #	73
54) Dibenzofuran	9.93	168	367700	41.92	nq	97
55) 4-Nitrophenol	9.85	139	53262	33.04	nq	83
56) 2,4-Dinitrotoluene	9.92	165	102192	46.83	nq #	72
57) Fluorene	10.26	166	277339	41.03	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	60019	38.90	nq #	43
59) Diethylphthalate	10.15	149	300290	39.74	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	135414	43.12	nq	93
61) 4-Nitroaniline	10.30	138	91501	44.82	nq	92
62) Azobenzene	10.42	77	350610	40.67	nq	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	43631	42.27	nq	86
65) n-Nitrosodiphenylamine	10.39	169	272784	41.77	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	78402	40.32	nq	94
67) Hexachlorobenzene	10.81	284	75699	35.17	nq #	88
68) Atrazine	10.91	200	82753	40.66	nq	93
69) Pentachlorophenol	11.00	266	43940	34.49	nq	96
70) Phenanthrene	11.22	178	467946	44.36	nq	99
71) Anthracene	11.27	178	402176	38.34	nq	98
72) Carbazole	11.43	167	397731	40.29	nq	100
73) Di-n-butylphthalate	11.77	149	500491	43.59	nq	99
74) Fluoranthene	12.40	202	452210	42.29	nq	98
76) Benzidine	12.52	184	223939	33.06	nq	99
77) Pyrene	12.63	202	488521	42.99	nq	99
79) Butylbenzylphthalate	13.26	149	210333	41.50	nq	95
80) Benzo(a)anthracene	13.81	228	337001	39.05	nq	99
81) 3,3'-Dichlorobenzidine	13.78	252	121414	37.42	nq #	98
82) Chrysene	13.84	228	322719	37.80	nq	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	258689	44.71	nq	98
84) Di-n-octyl phthalate	14.42	149	385790	39.24	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	244610	37.24	nq #	100
87) Benzo(b)fluoranthene	14.81	252	304739m	45.35	nq	
88) Benzo(k)fluoranthene	14.83	252	229874m	39.30	nq	
89) Benzo(a)pyrene	15.13	252	256204	45.03	nq #	94
90) Dibenzo(a,h)anthracene	16.48	278	212427	44.72	nq #	93
91) Benzo(g,h,i)perylene	16.85	276	211998	43.12	nq	95

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

```

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088982.D
Acq On    : 14 Jul 2016   12:54
Operator  : UM/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1

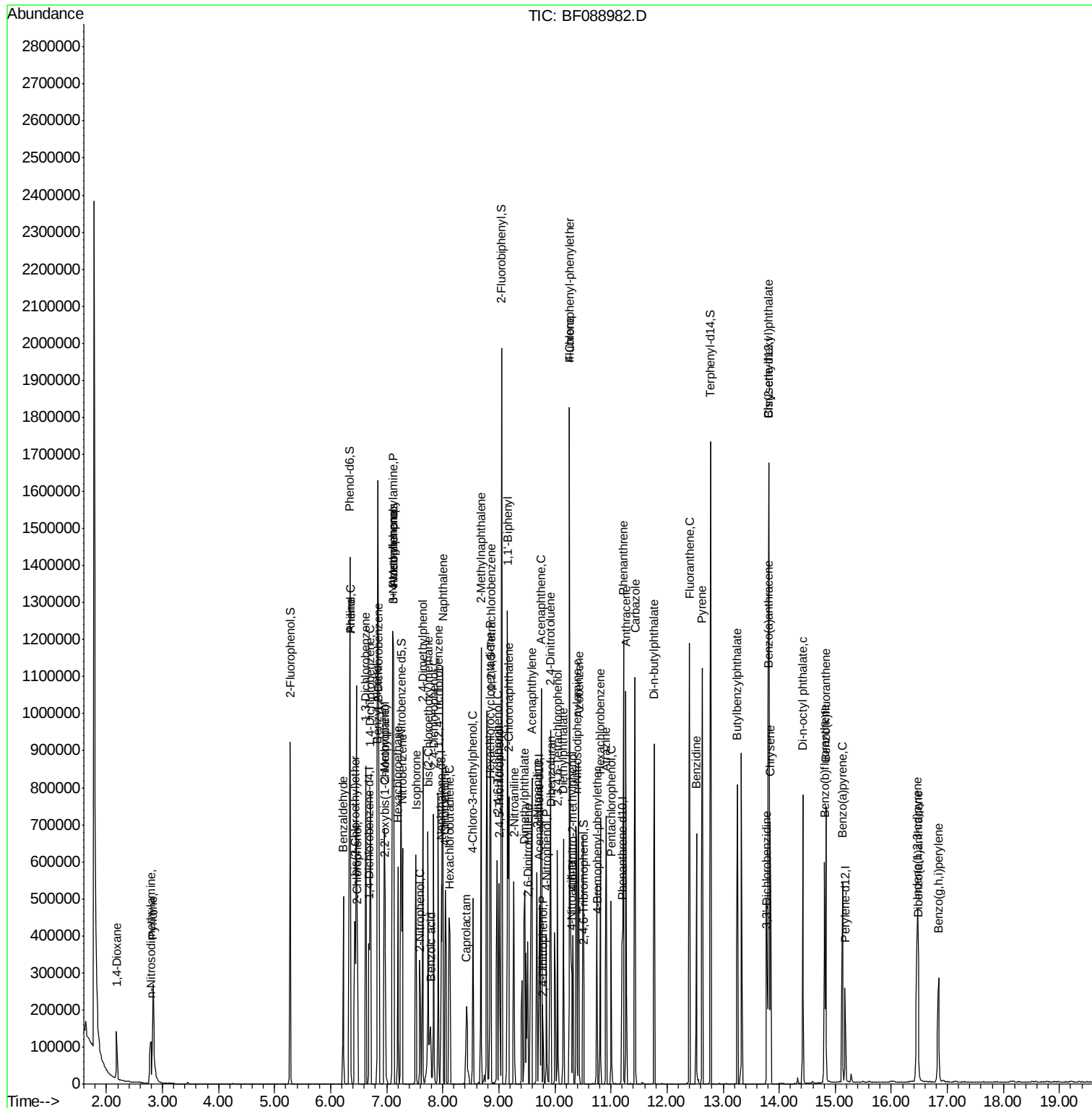
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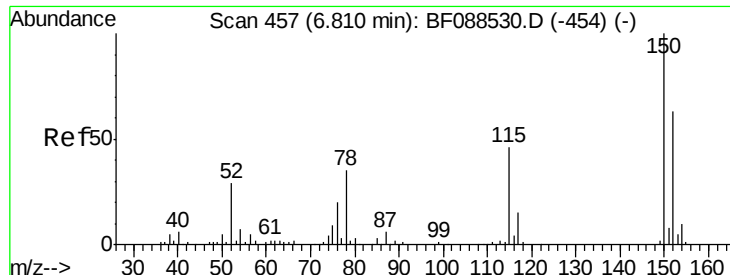
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations

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7/15/2016 9:16:18 AM

Quant Time: Jul 15 01:34:19 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

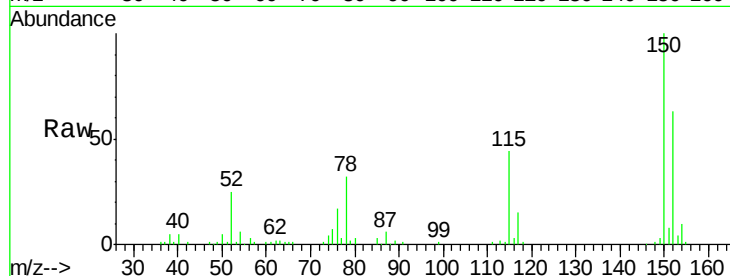
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.8	185.6
115	70.2	39.6	59.4

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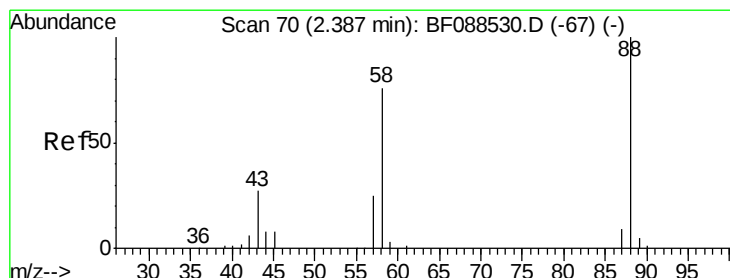
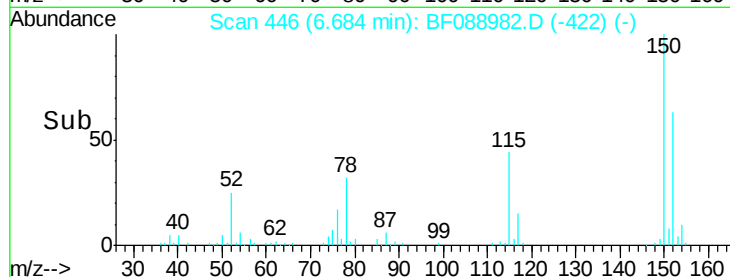
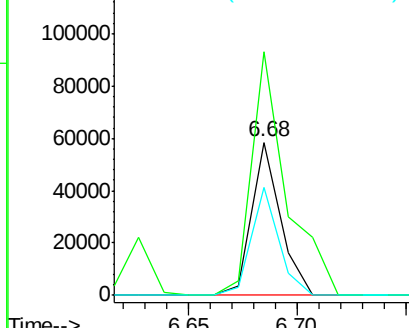


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

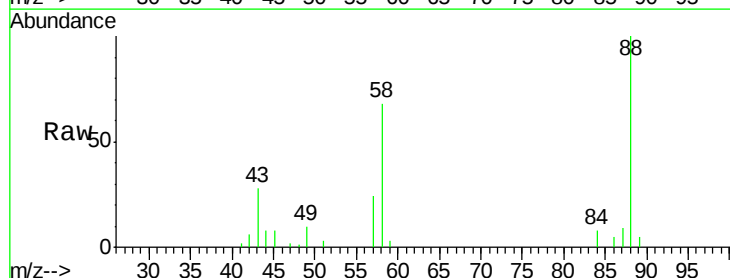
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.50 ng
RT: 2.18 min Scan# 52
Delta R.T. -0.03 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	0.0	0.0
43	26.4	3.4	5.2

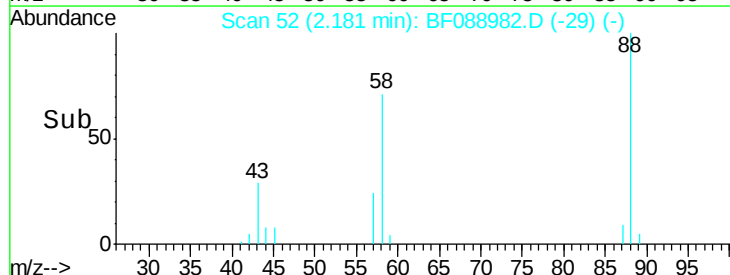
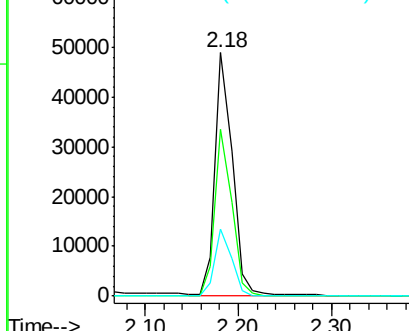


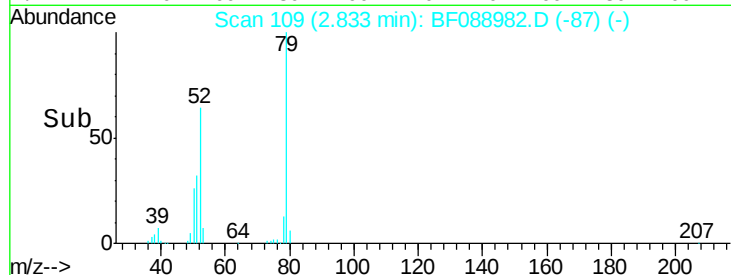
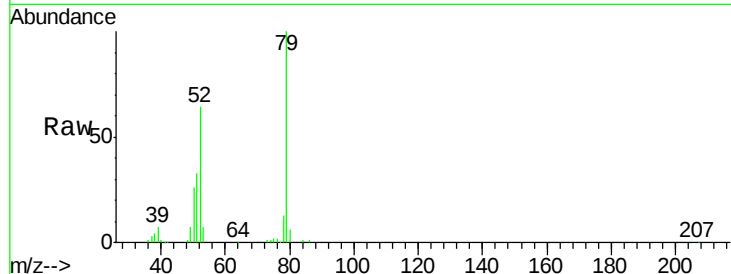
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





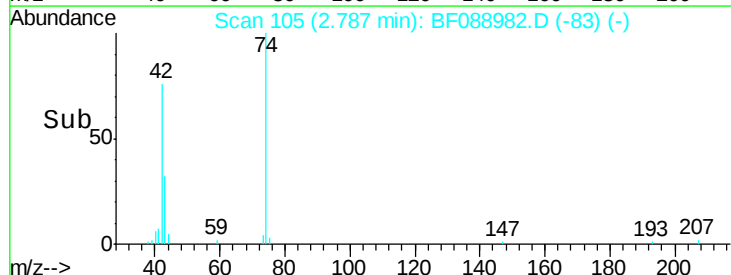
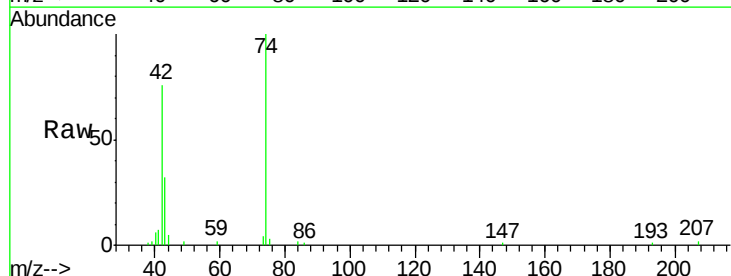
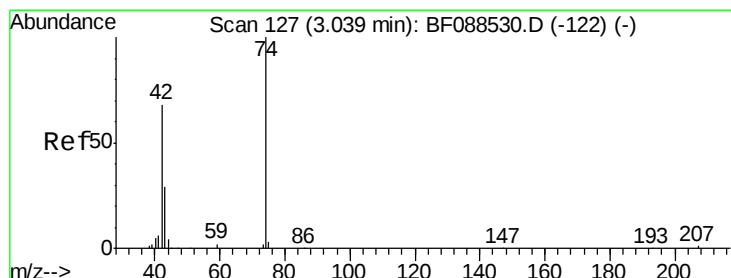
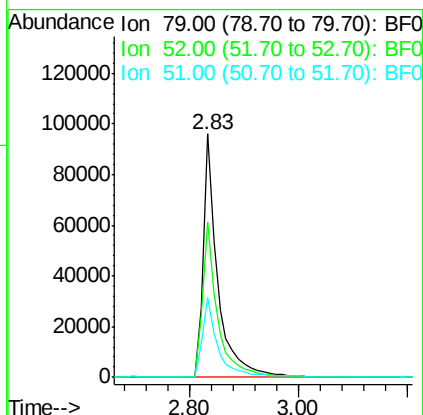
#3
 Pvridine
 Concen: 34.39 ng
 RT: 2.83 min Scan# 109
 Delta R.T. -0.05 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tot Ion:	79	Resp:	176622
Ion	Ratio	Lower	Upper
79	100		
52	63.6	56.3	84.5
51	32.7	27.4	41.2

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

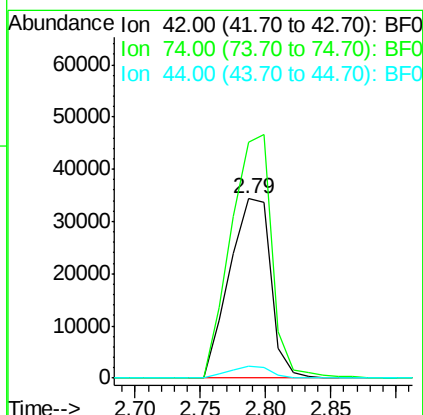
Manual Integrations

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#4
 n-Nitrosodimethylamine
 Concen: 38.48 ng
 RT: 2.79 min Scan# 105
 Delta R.T. -0.05 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tgt Ion:	42	Resp:	75488
Ion	Ratio	Lower	Upper
42	100		
74	131.5	108.6	163.0
44	6.4	5.5	8.3





#5

2-Fluorophenol

Concen: 86.74 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.01 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

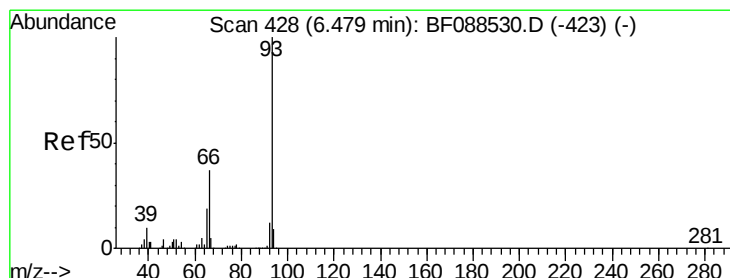
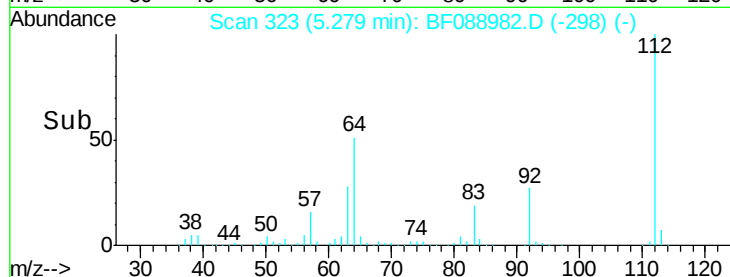
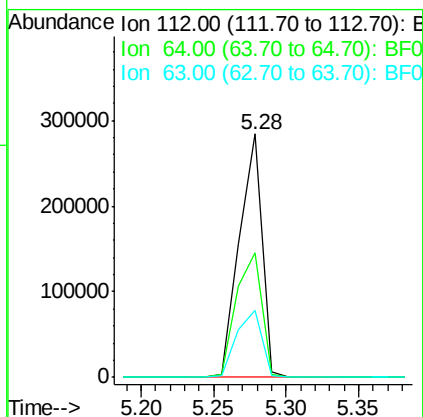
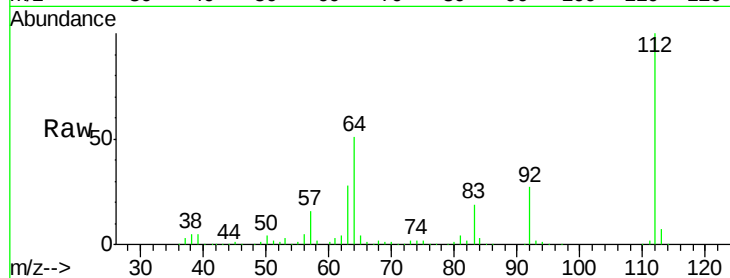
SSTDCCC040

Tot Ion:	112	Resp:	309612
Ion Ratio	Lower	Upper	
112	100		
64	51.3	42.2	63.2
63	27.8	21.8	32.8

Manual Integrations

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#6

Aniline

Concen: 38.03 ng

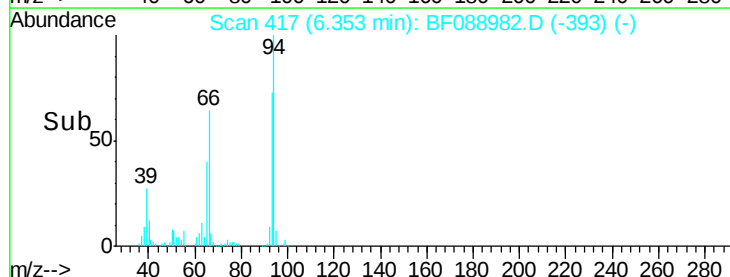
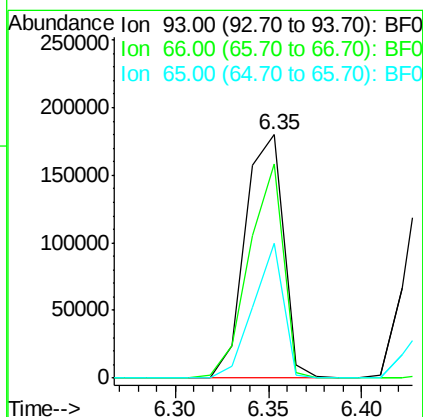
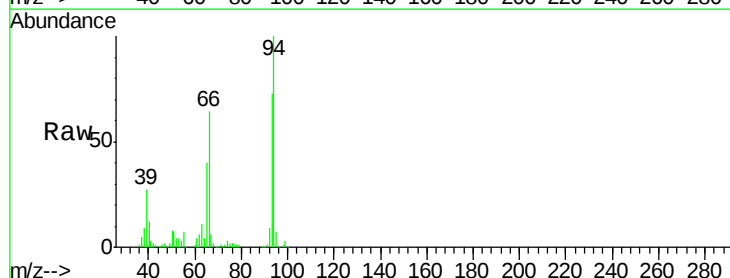
RT: 6.35 min Scan# 417

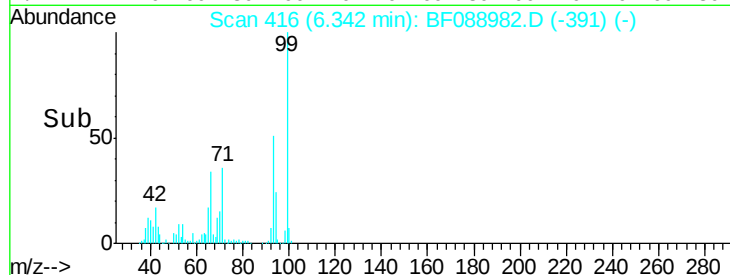
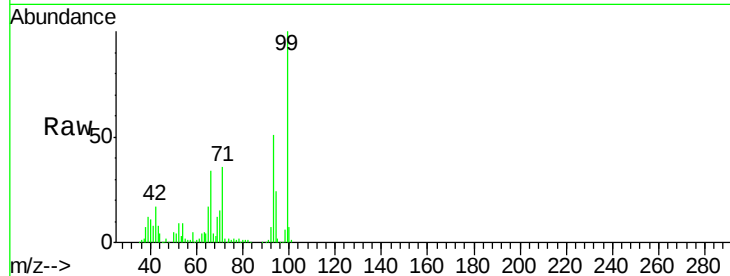
Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:	93	Resp:	255611
Ion Ratio	Lower	Upper	
93	100		
66	88.0	29.8	44.8#
65	55.2	14.9	22.3#





#7

Phenol-d6

Concen: 83.08 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tot Ion:	99	Resp:	383196
Ion Ratio	Lower	Upper	
99	100		
42	16.6	12.2	18.2
71	36.1	23.4	35.0#

Instrument :

BNA_F

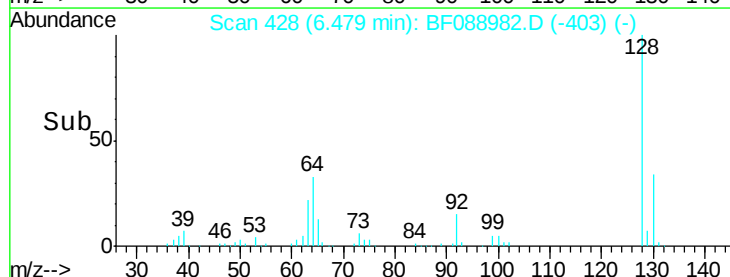
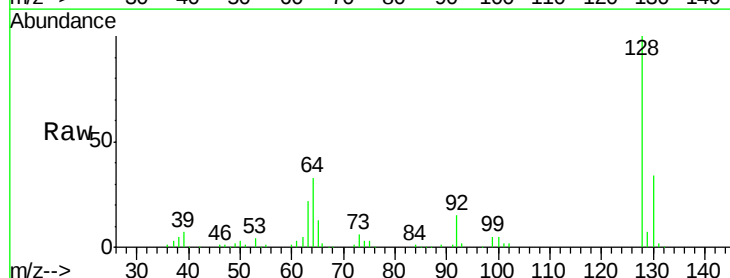
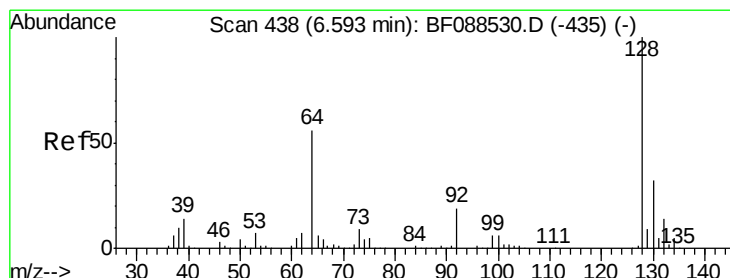
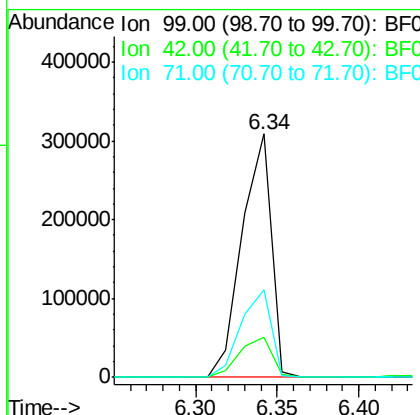
ClientSampleId :

SSTDCCC040

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.83 ng

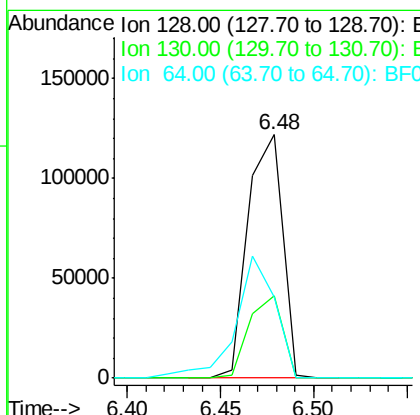
RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:	128	Resp:	156632
Ion Ratio	Lower	Upper	
128	100		
130	34.0	12.0	52.0
64	33.3	30.8	70.8





#9

Benzaldehyde

Concen: 33.28 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

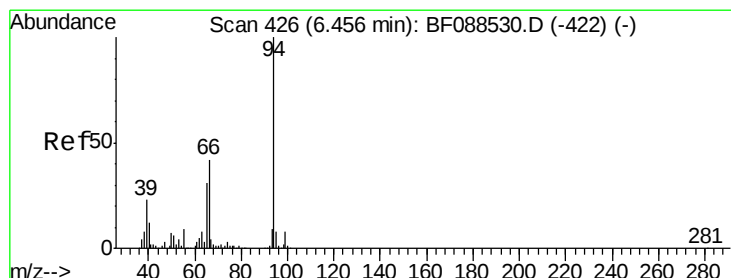
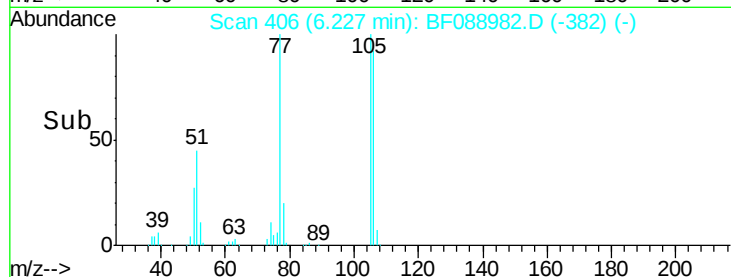
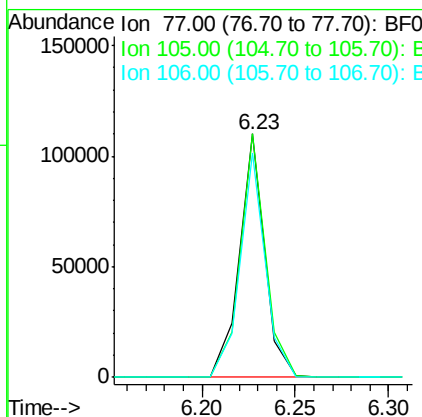
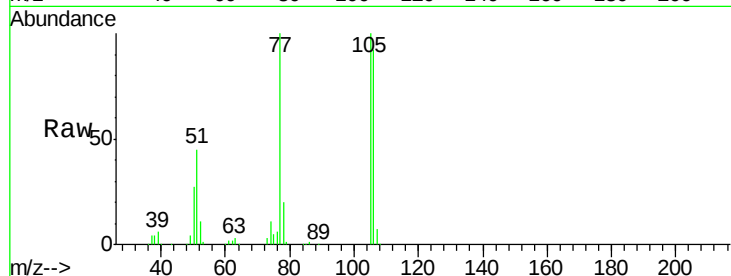
SSTDCCC040

Tot Ion:	77	Resp:	103969
Ion	Ratio	Lower	Upper
77	100		
105	99.8	90.6	130.6
106	92.0	85.3	125.3

Manual Integrations

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7/15/2016 9:16:18 AM



#10

Phenol

Concen: 43.29 ng

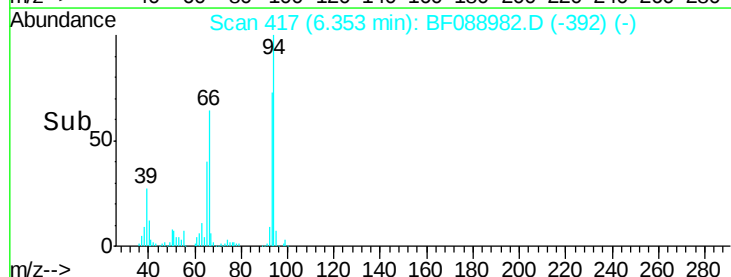
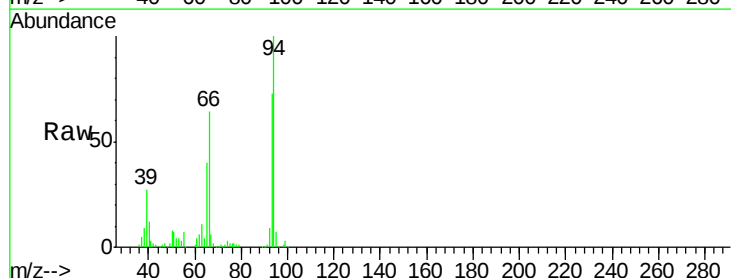
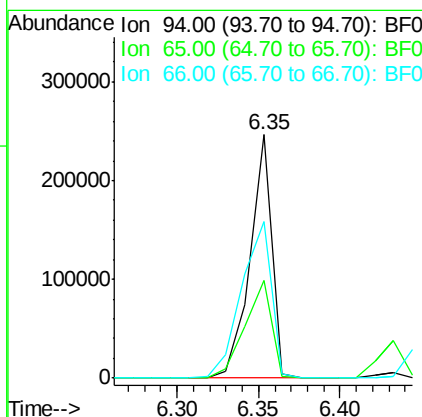
RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:	94	Resp:	227848
Ion	Ratio	Lower	Upper
94	100		
65	40.3	5.9	45.9
66	64.2	14.0	54.0





#11

bis(2-Chloroethyl)ether

Concen: 41.43 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

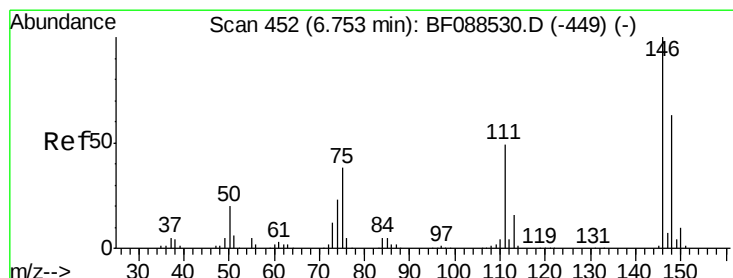
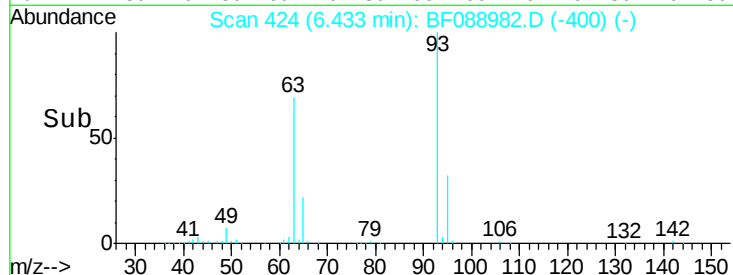
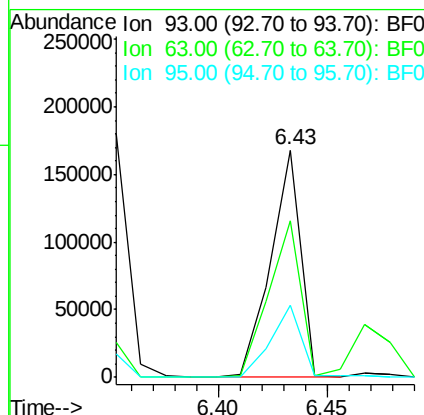
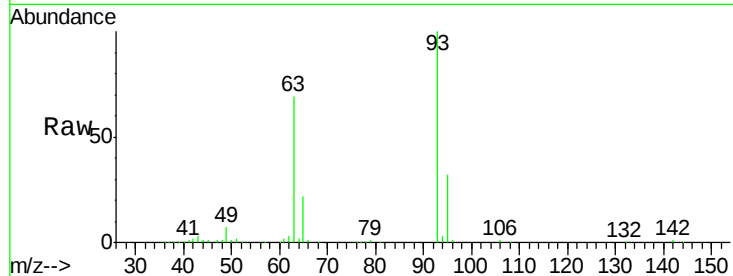
SSTDCCC040

Tot Ion:	93	Resp:	162628
Ion	Ratio	Lower	Upper
93	100		
63	68.6	67.6	107.6
95	31.8	12.5	52.5

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#12

1,3-Dichlorobenzene

Concen: 43.12 ng

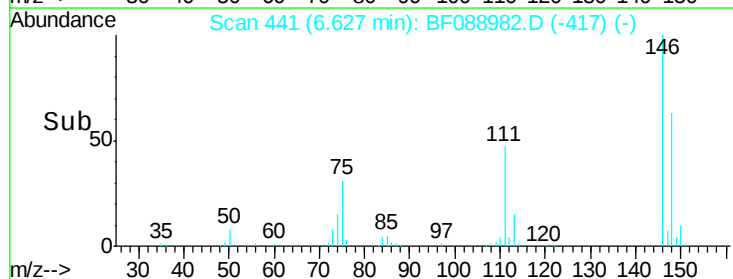
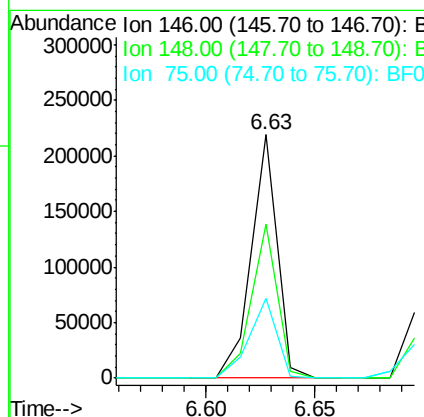
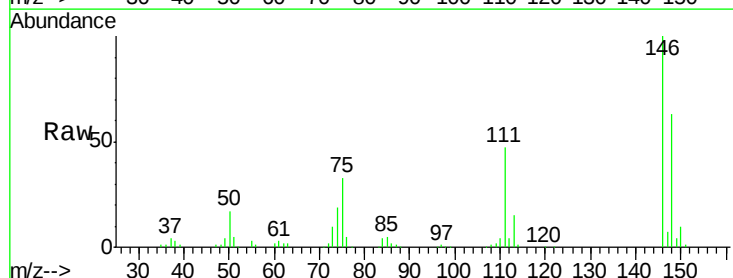
RT: 6.63 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:	146	Resp:	182050
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
75	32.9	25.6	38.4





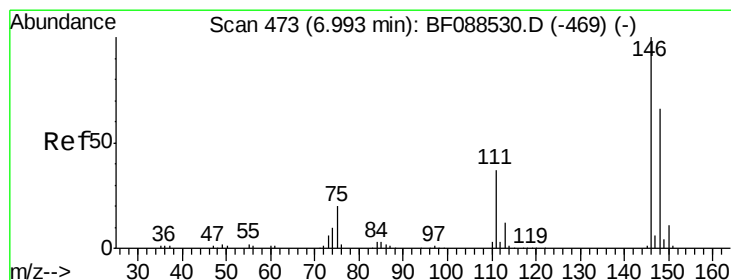
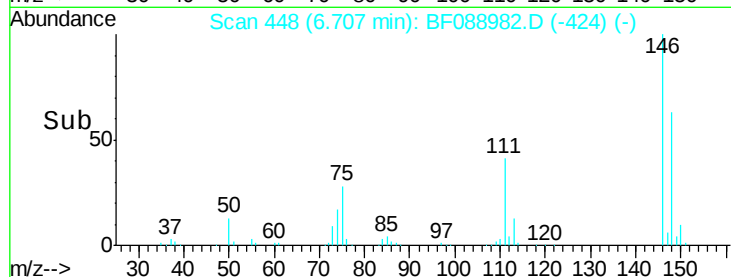
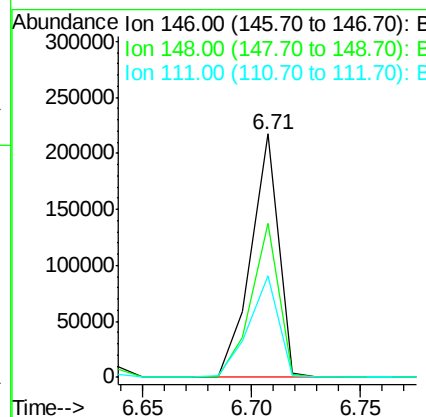
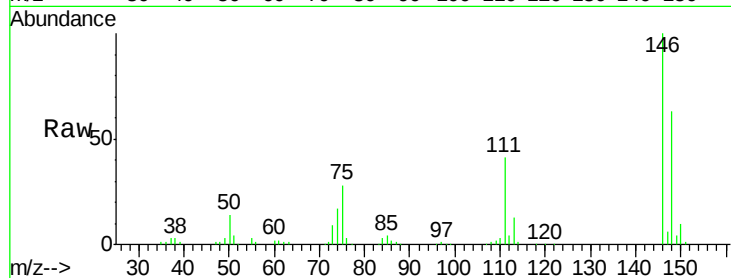
#13
 1,4-Dichlorobenzene
 Concen: 45.81 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.0	78.0
111	41.5	33.8	50.8

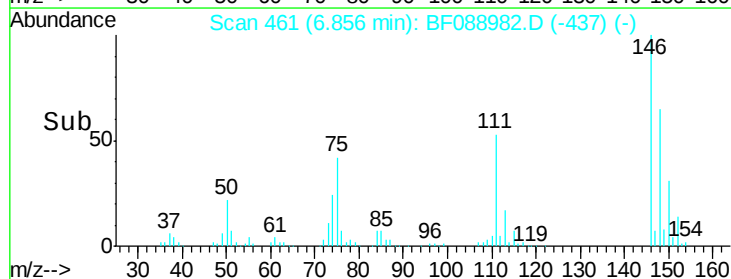
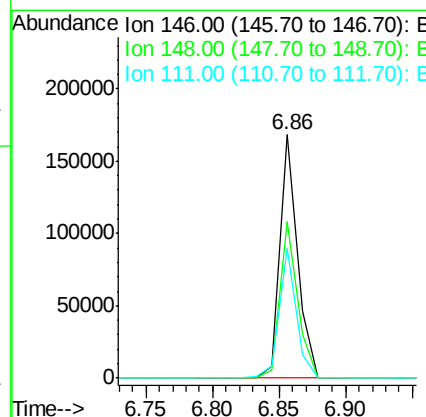
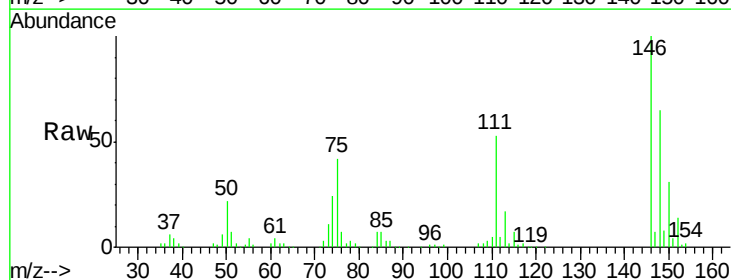
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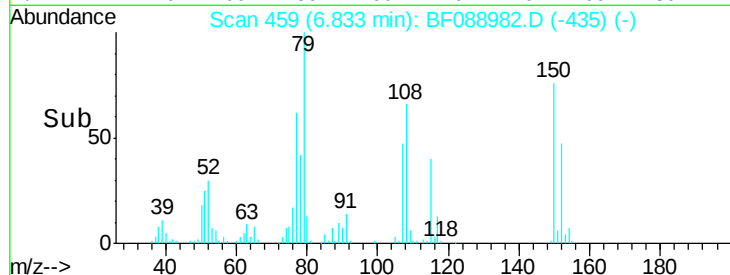
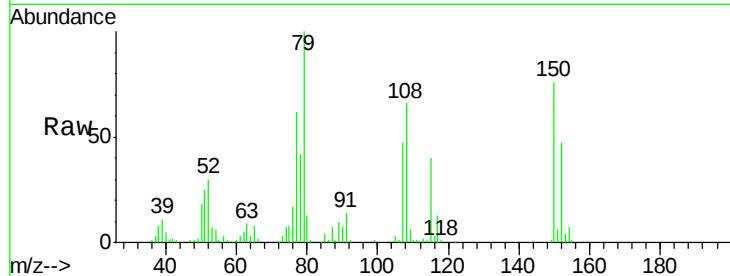
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#14
 1,2-Dichlorobenzene
 Concen: 39.07 ng m
 RT: 6.86 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
111	53.2	28.7	43.1#





#15

Benzyl Alcohol

Concen: 40.48 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tot Ion: 79 Resp: 137398

Ion Ratio Lower Upper

79 100

108 66.1 65.0 97.6

77 62.1 50.3 75.5

Instrument :

BNA_F

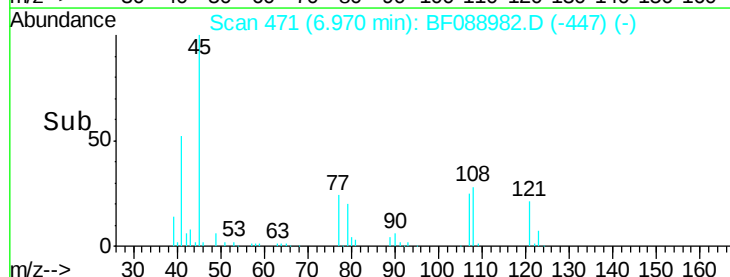
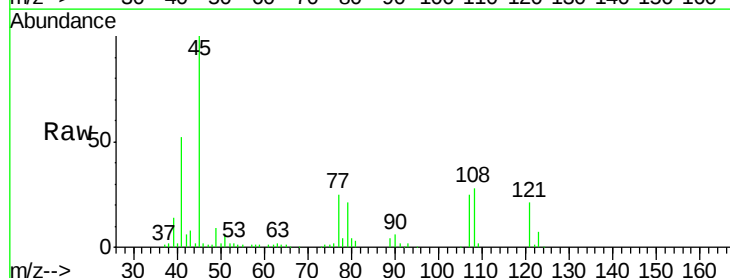
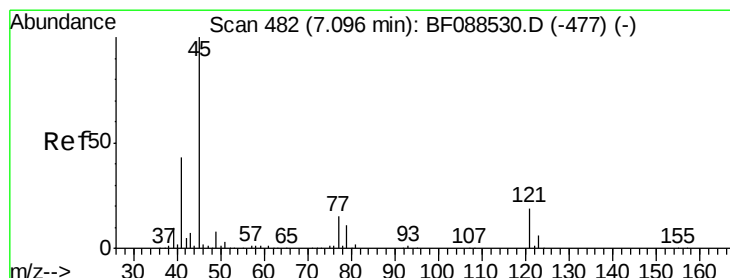
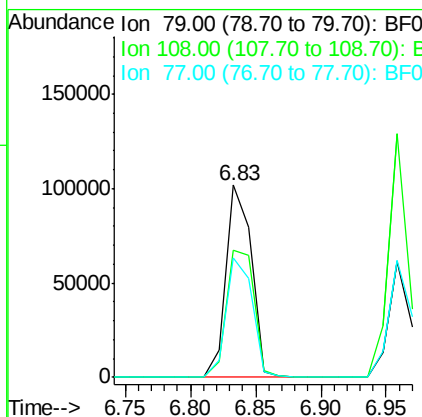
ClientSampleId :

SSTDCCC040

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.09 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

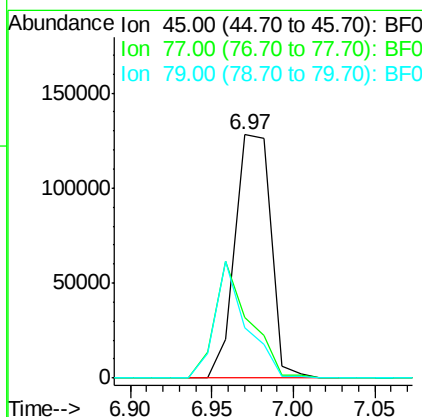
Tgt Ion: 45 Resp: 193774

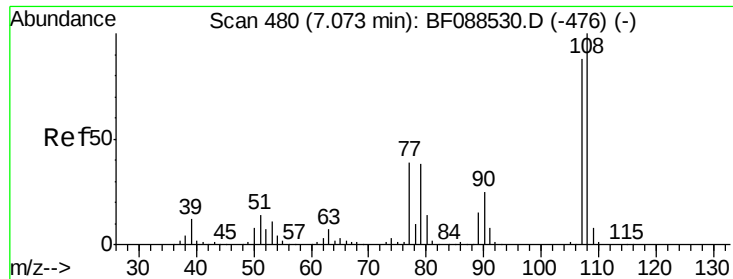
Ion Ratio Lower Upper

45 100

77 24.9 0.0 32.5

79 20.7 0.0 29.5





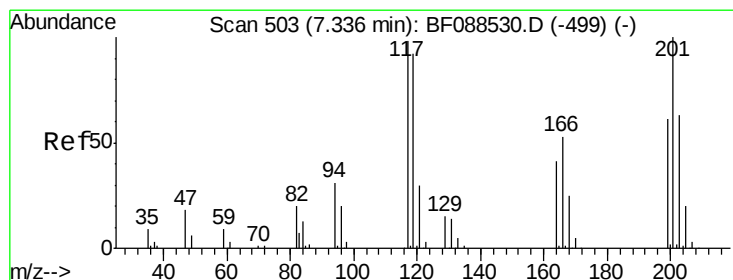
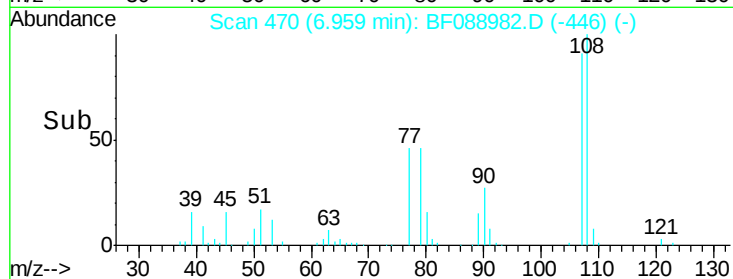
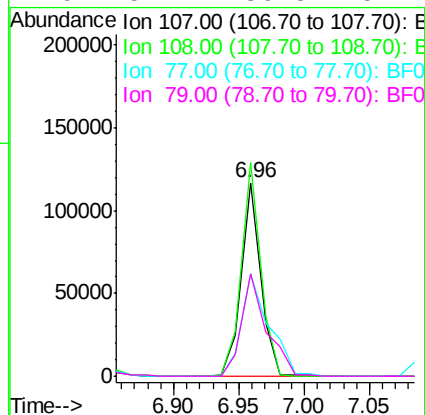
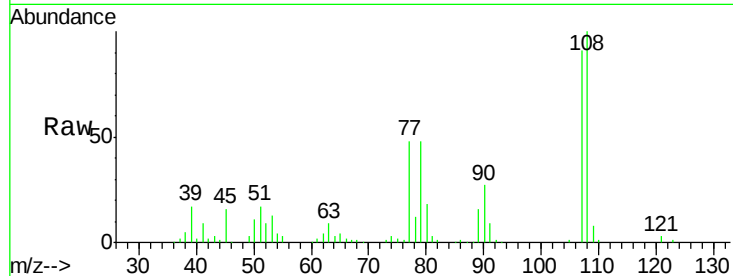
#17
2-Methylphenol
Concen: 38.54 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	120619
Ion Ratio	Lower	Upper	
107	100		
108	110.4	90.9	136.3
77	52.7	36.6	55.0
79	52.7	36.5	54.7

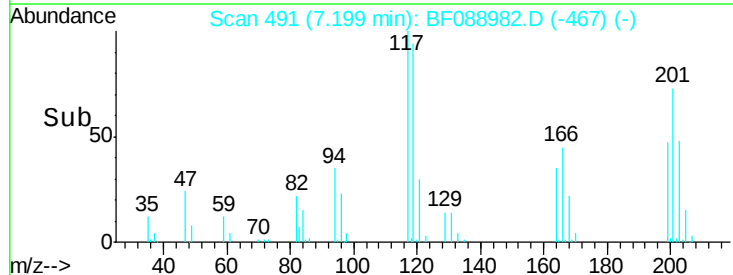
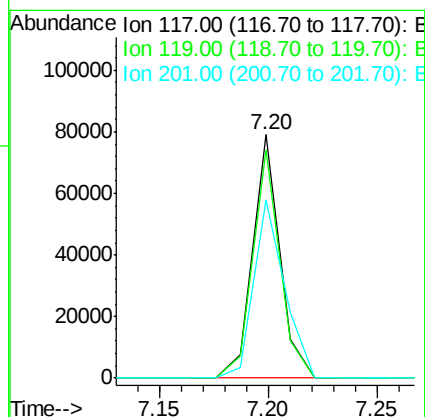
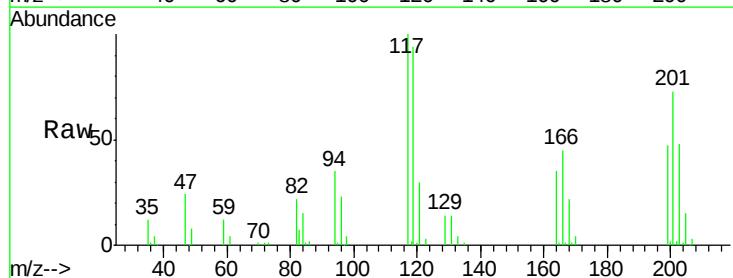
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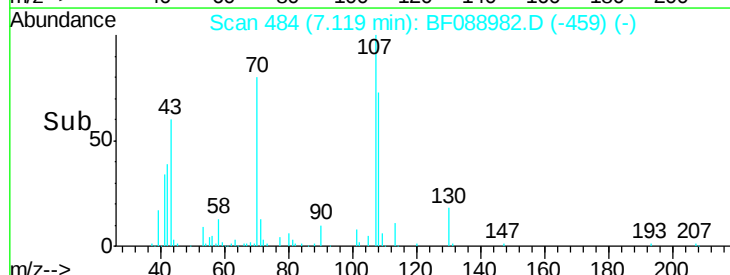
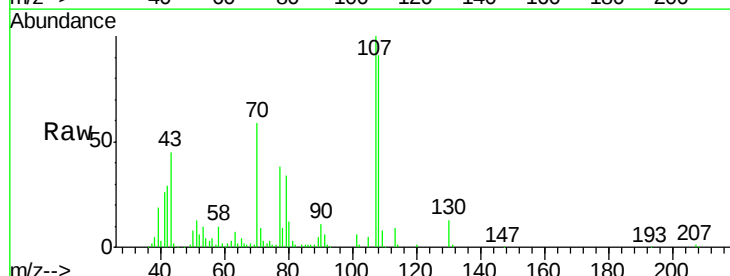
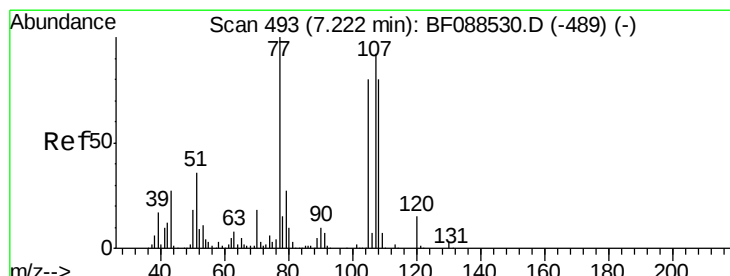
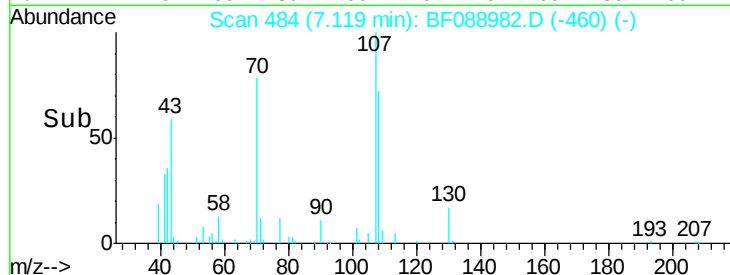
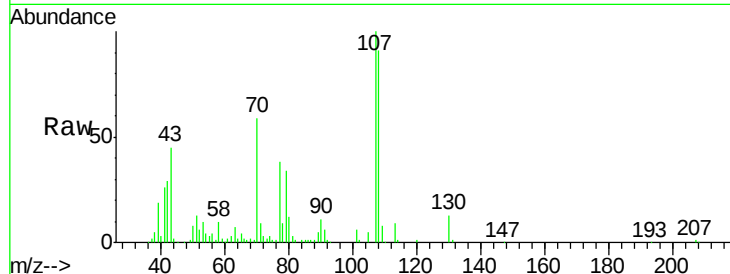
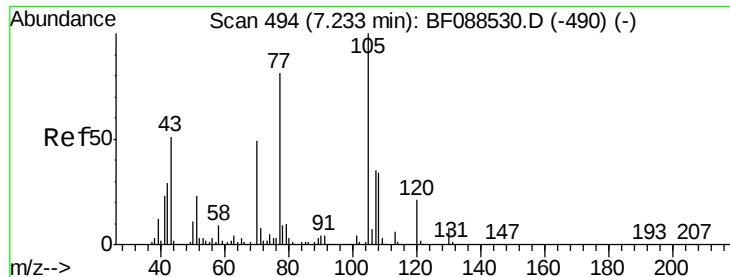
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#18
Hexachloroethane
Concen: 42.14 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

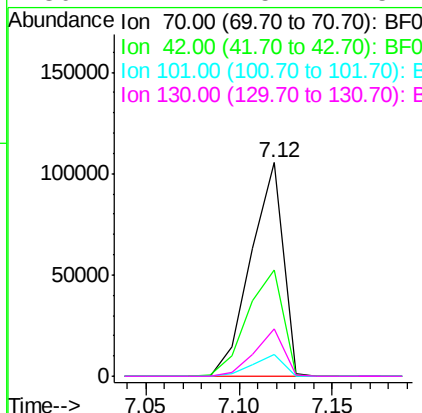
Tgt Ion:	117	Resp:	68303
Ion Ratio	Lower	Upper	
117	100		
119	94.0	77.4	116.2
201	73.4	80.4	120.6#





#19
n-Nitroso-di-n-propylamine
Concen: 40.88 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.0	49.6	74.4	
101	10.1	7.1	10.7	
130	22.1	15.4	23.2	



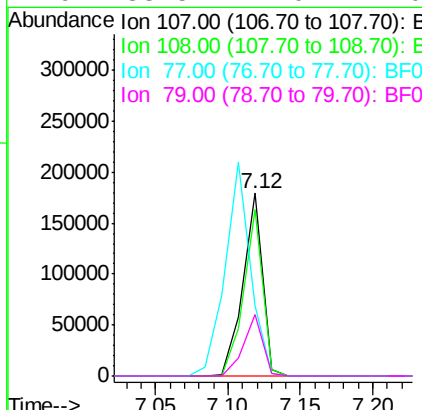
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

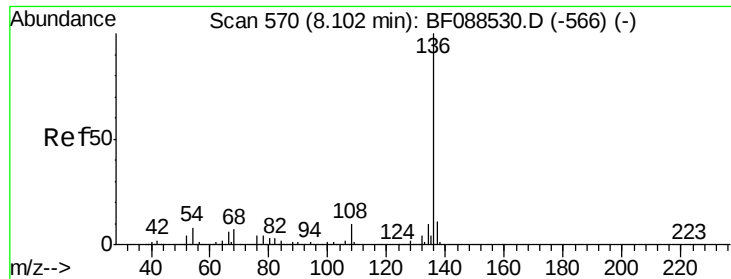
Manual Integrations

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#20
3+4-Methylphenols
Concen: 44.95 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	67.8	107.8	
77	38.4	59.3	99.3#	
79	33.5	7.0	47.0	





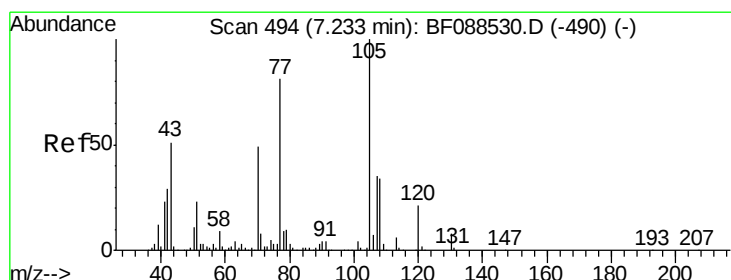
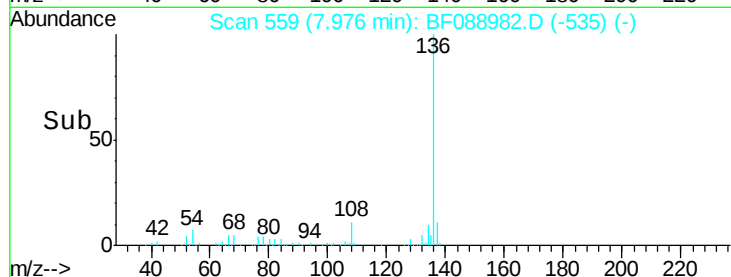
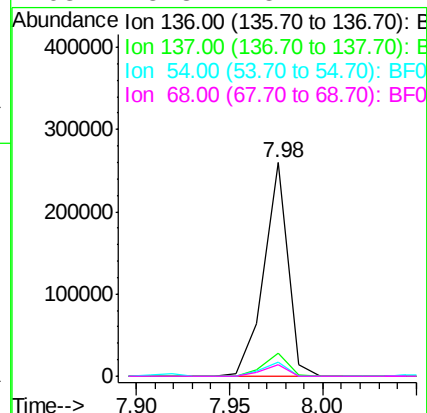
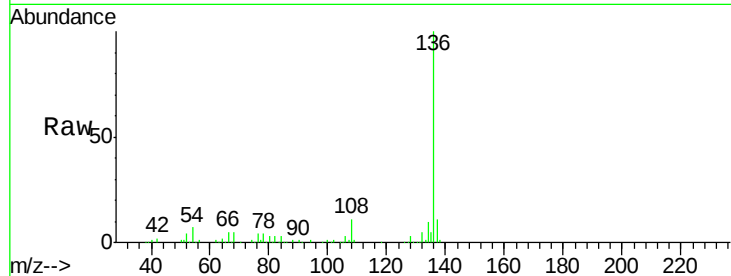
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	232496		
137	10.7		9.1	13.7
54	6.7		6.6	10.0
68	5.3		5.1	7.7

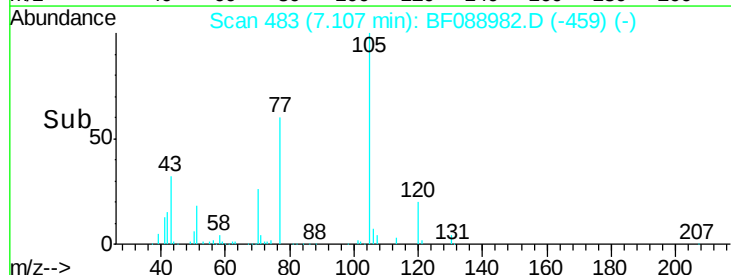
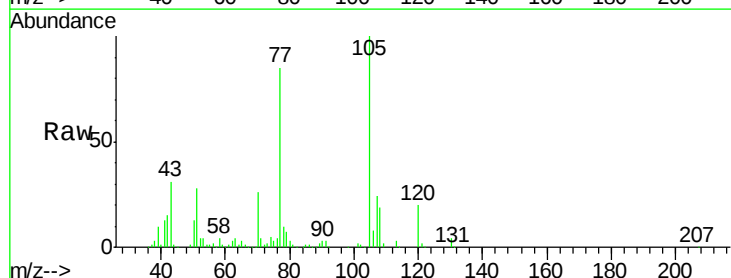
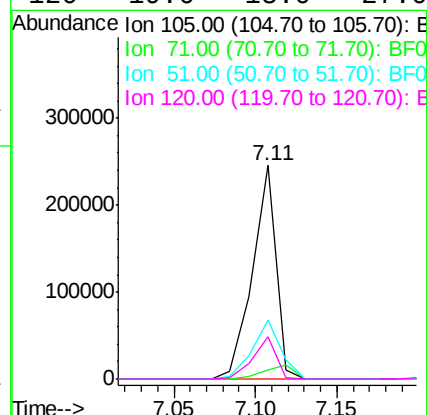
Manual Integrations

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#22
Acetophenone
Concen: 43.67 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246405		
71	4.3		5.3	7.9#
51	27.9		18.2	27.4#
120	19.6		18.0	27.0





#23

Nitrobenzene-d5

Concen: 72.83 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

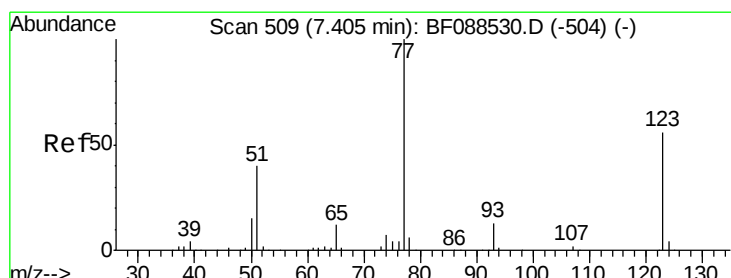
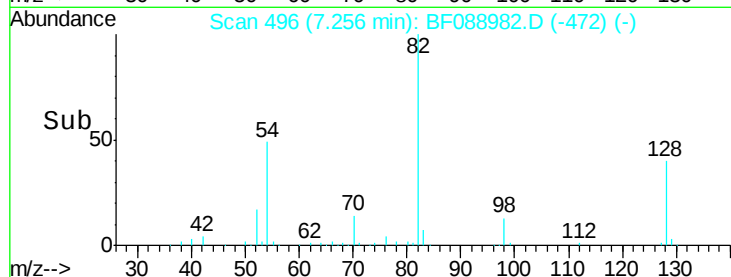
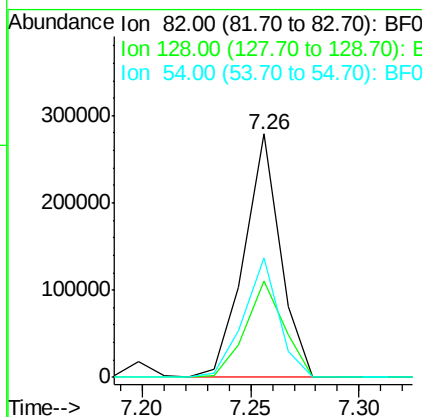
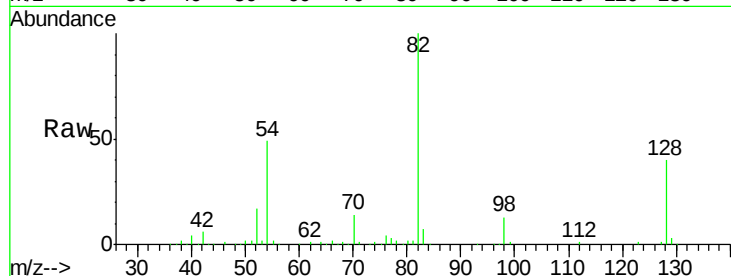
SSTDCCC040

Tot Ion:	82	Resp:	323132
Ion Ratio	Lower	Upper	
82	100		
128	39.6	35.9	53.9
54	49.2	40.9	61.3

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#24

Nitrobenzene

Concen: 44.05 ng

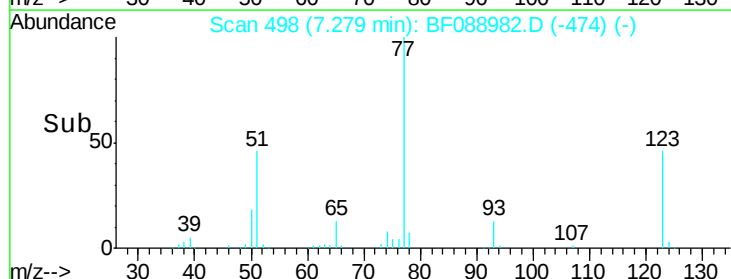
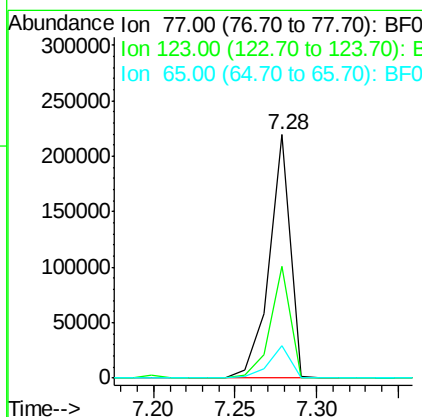
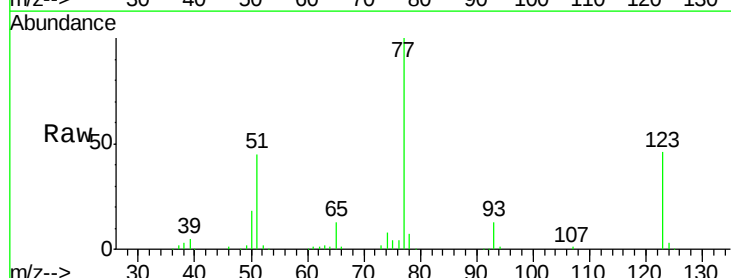
RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:	77	Resp:	197065
Ion Ratio	Lower	Upper	
77	100		
123	46.0	45.0	67.4
65	13.2	10.2	15.2





#25

Isophorone

Concen: 36.77 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

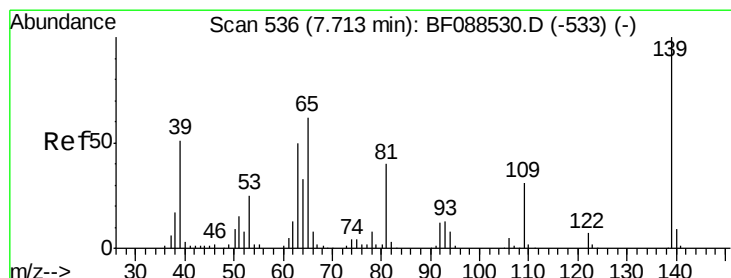
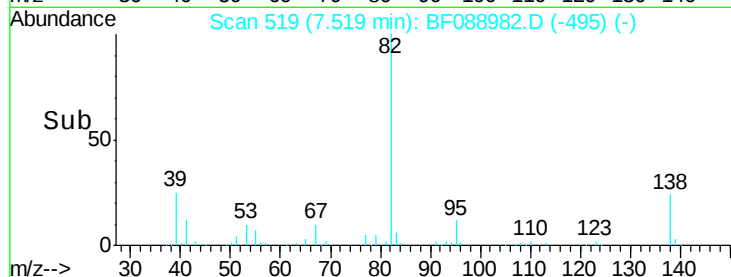
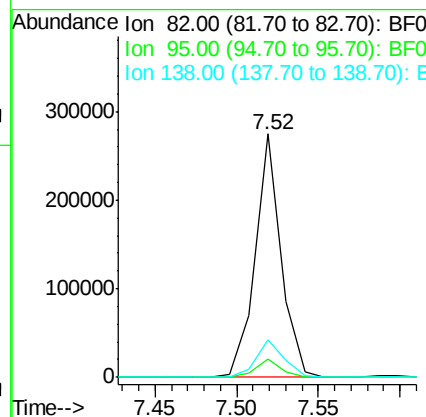
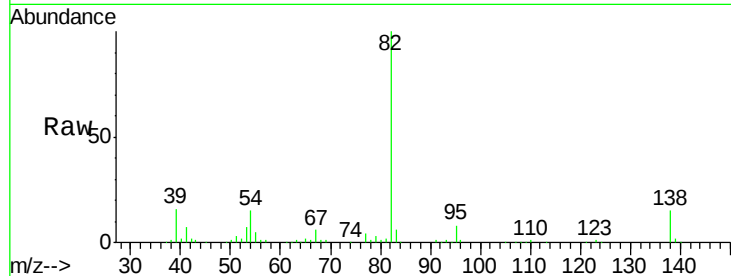
SSTDCCC040

Tot Ion:	82	Resp:	302180
Ion Ratio		Lower	Upper
82	100		
95	7.6	5.4	8.2
138	15.3	14.6	21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 45.44 ng

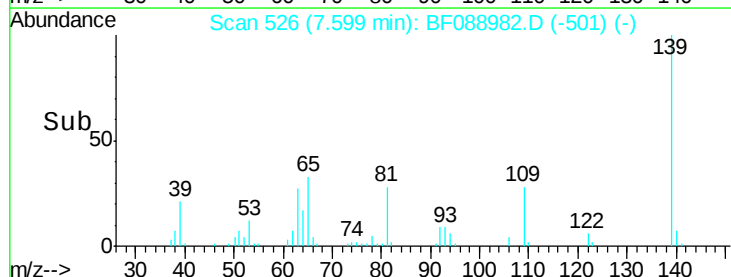
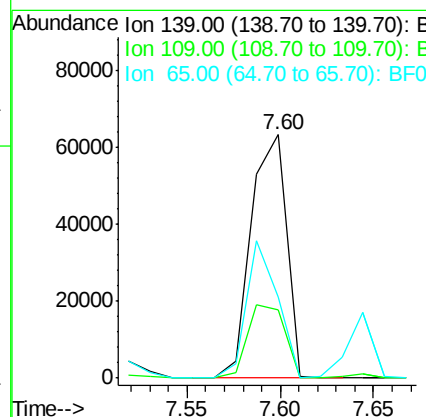
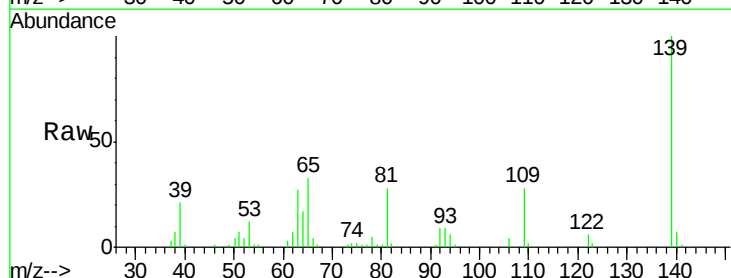
RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:	139	Resp:	83349
Ion Ratio		Lower	Upper
139	100		
109	28.1	23.0	34.4
65	33.0	45.8	68.8#





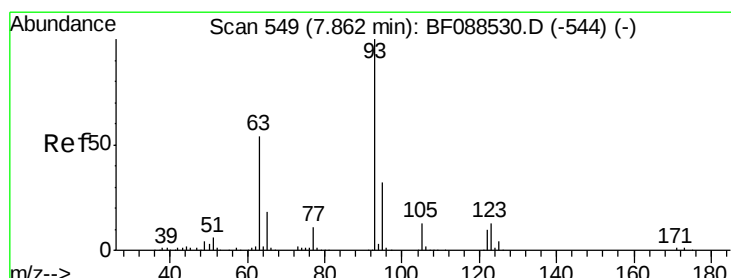
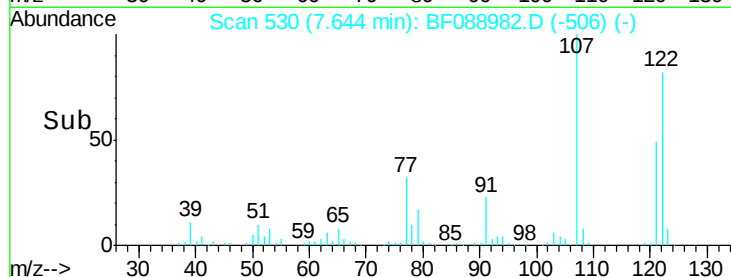
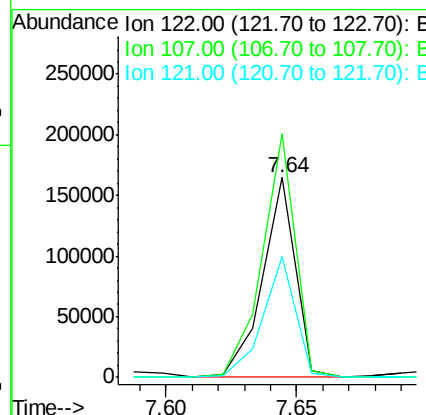
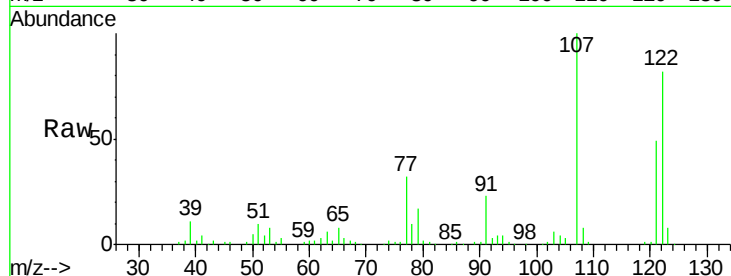
#27
2,4-Dimethylphenol
Concen: 38.48 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.8	82.4	123.6
121	60.3	46.3	69.5

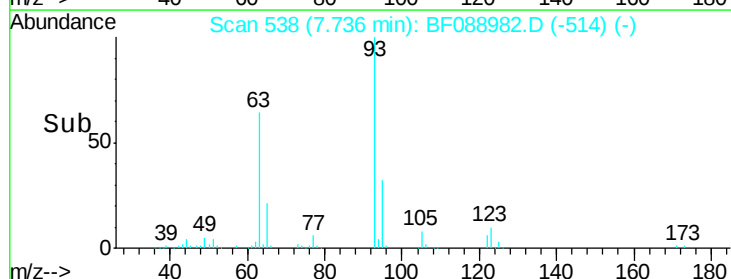
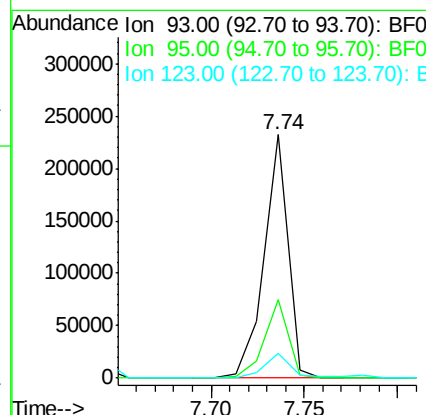
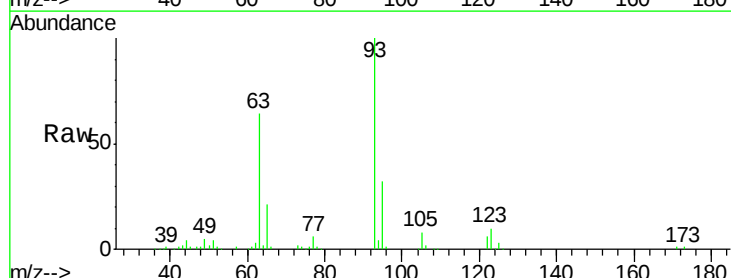
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#28
bis(2-Chloroethoxy)methane
Concen: 38.18 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	10.2	11.6	17.4





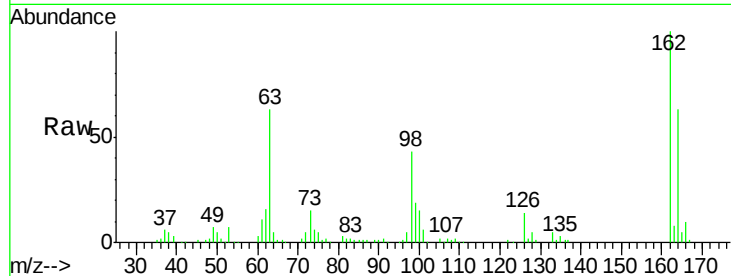
#29
2,4-Dichlorophenol
Concen: 41.11 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

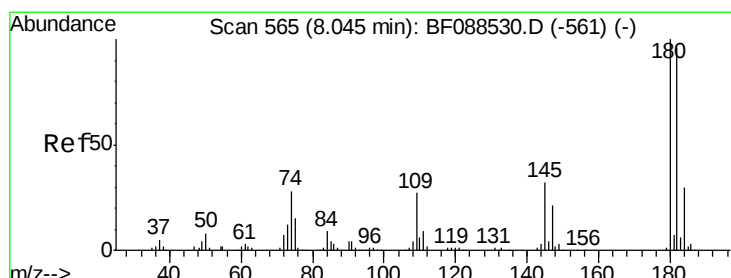
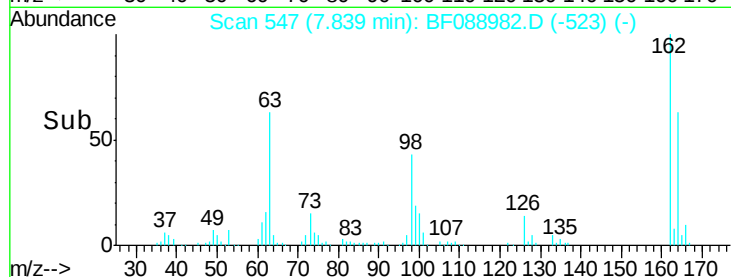
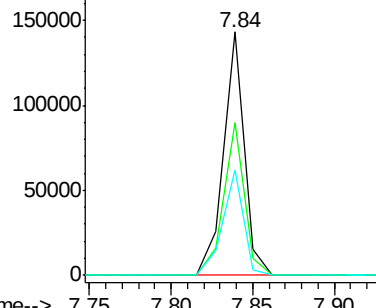
Tot Ion:	162	Resp:	126923
Ion Ratio	Lower	Upper	
162	100		
164	62.8	43.8	83.8
98	43.2	21.3	61.3

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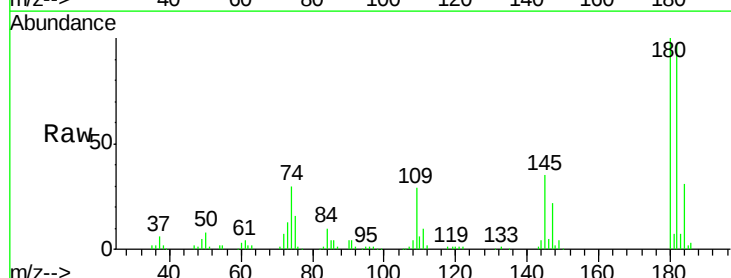


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

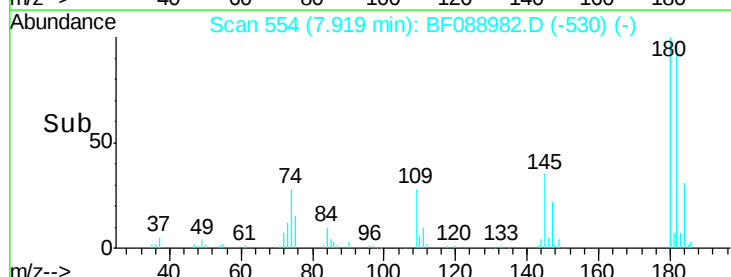
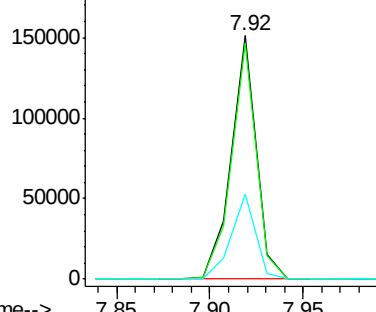


#30
1,2,4-Trichlorobenzene
Concen: 41.04 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion:	180	Resp:	139059
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.0	114.0
145	34.8	26.5	39.7



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





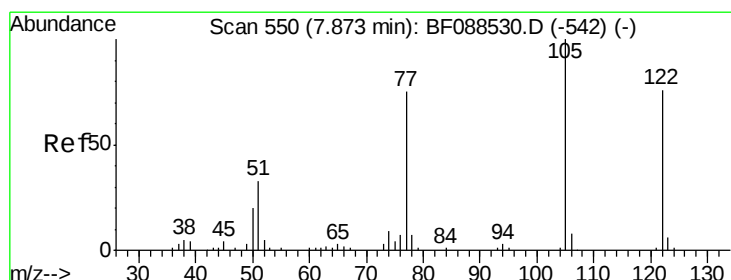
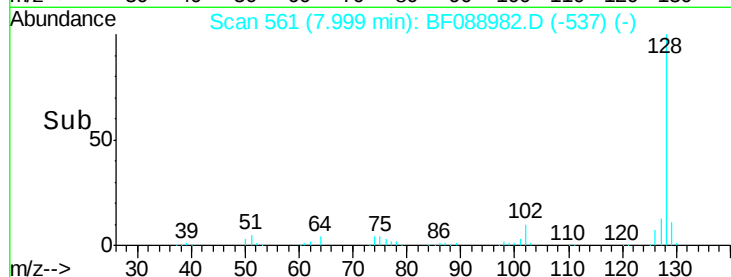
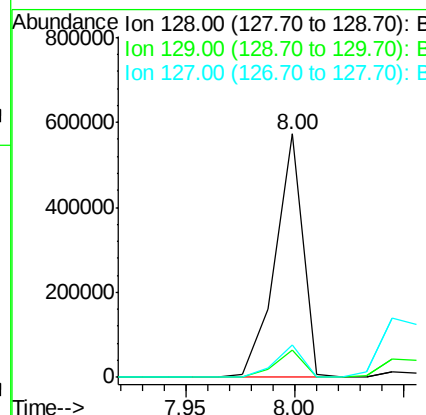
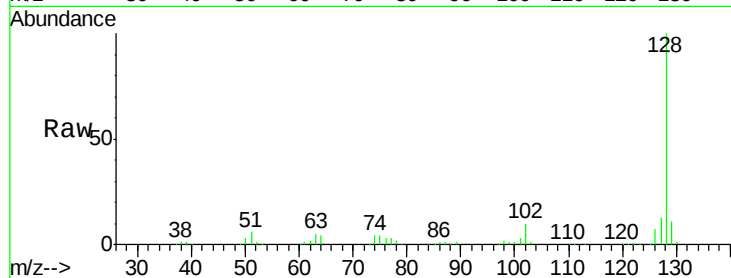
#31
Naphthalene
Concen: 44.81 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.5	10.9	16.3

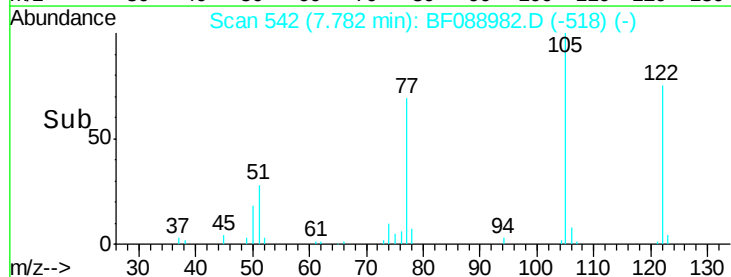
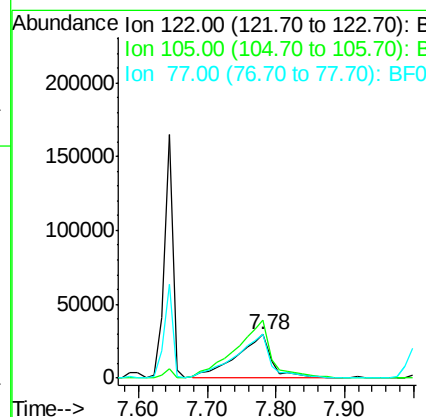
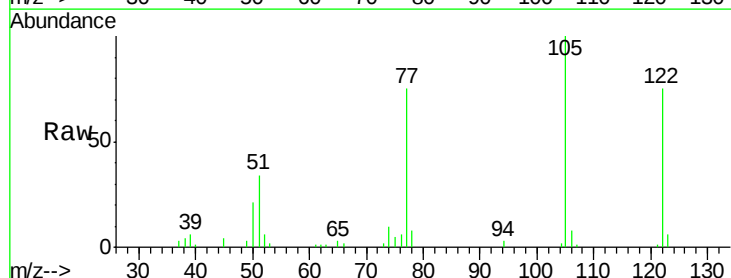
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#32
Benzoic acid
Concen: 37.36 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.2	101.6	141.6
77	101.3	70.6	110.6





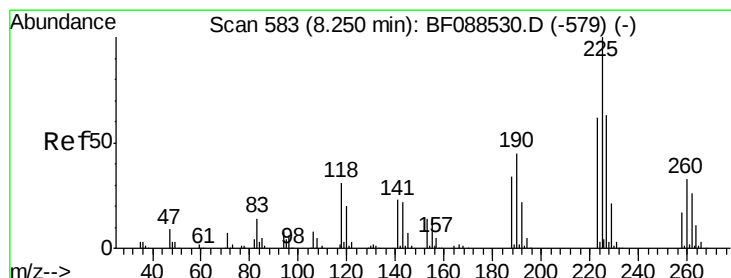
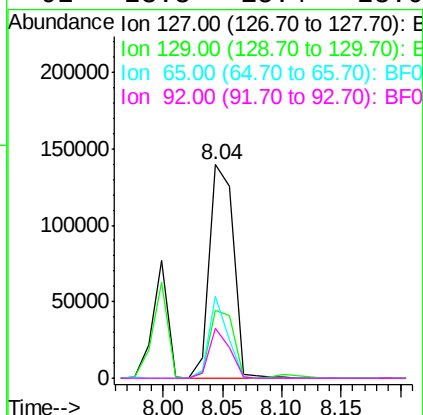
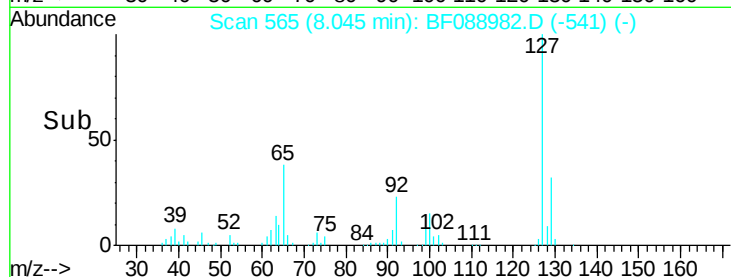
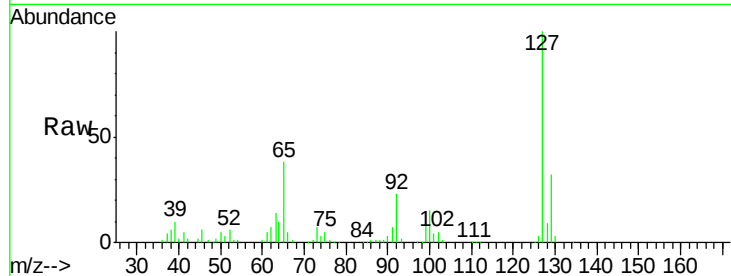
#33
4-Chloroaniline
Concen: 38.29 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		195270		
129	31.7	26.3	39.5		
65	38.3	24.7	37.1#		
92	23.3	15.4	23.0#		

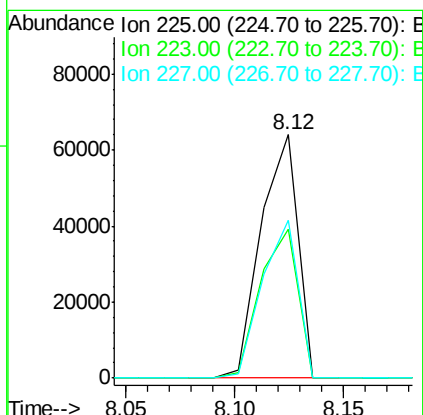
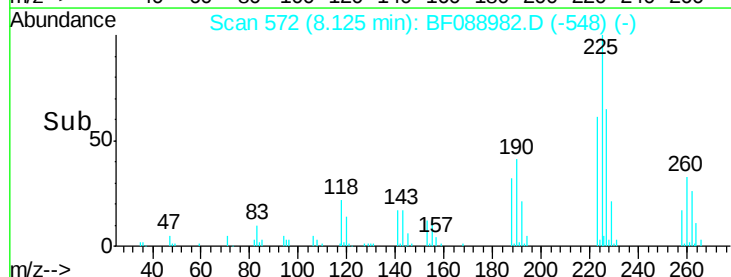
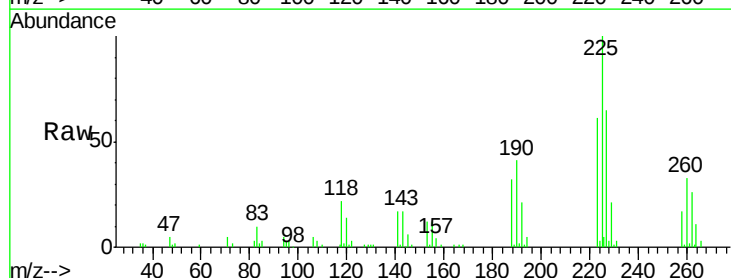
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#34
Hexachlorobutadiene
Concen: 41.99 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		76176		
223	61.0	50.9	76.3		
227	64.8	51.9	77.9		





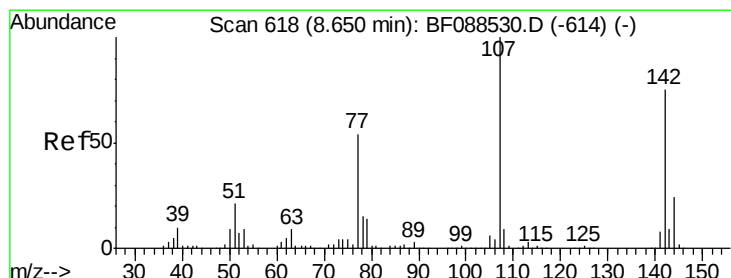
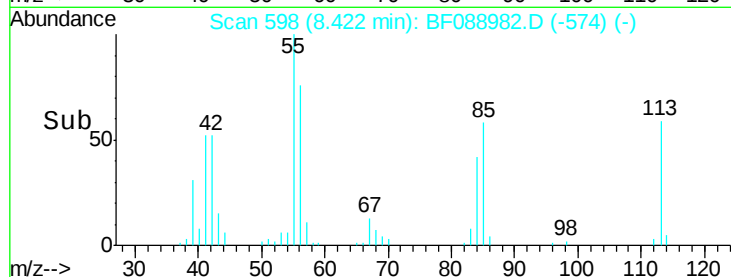
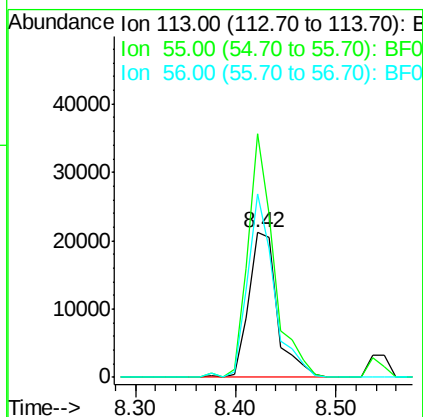
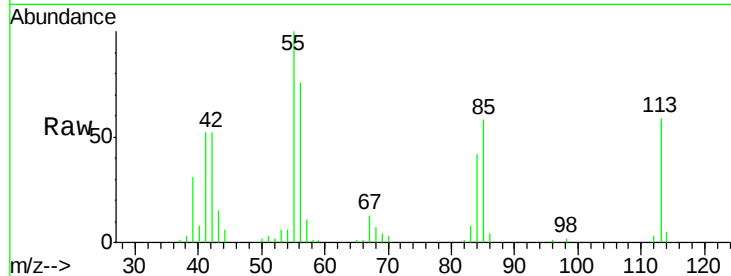
#35
 Caprolactam
 Concen: 39.80 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 41733
 Ion Ratio Lower Upper
 113 100
 55 168.5 158.6 198.6
 56 127.3 110.6 150.6

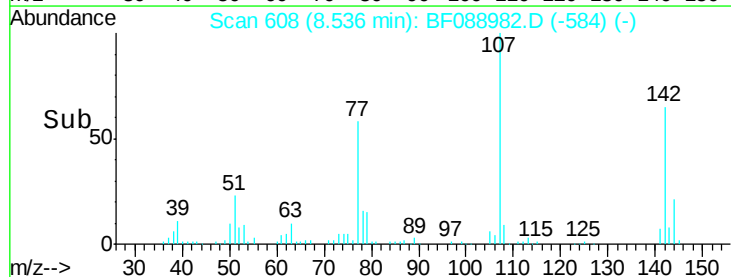
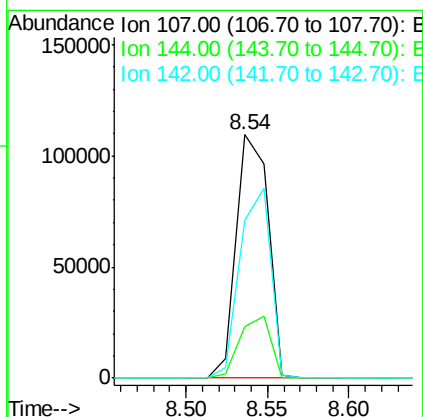
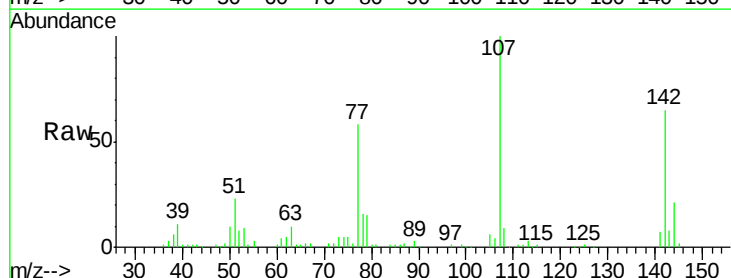
Manual Integrations

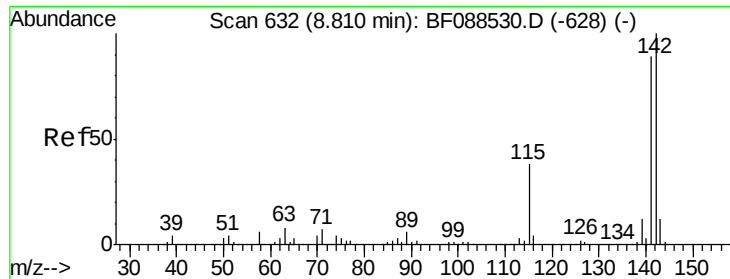
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#36
 4-Chloro-3-methylphenol
 Concen: 40.57 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tgt Ion:107 Resp: 148147
 Ion Ratio Lower Upper
 107 100
 144 21.0 20.8 31.2
 142 65.0 63.4 95.2





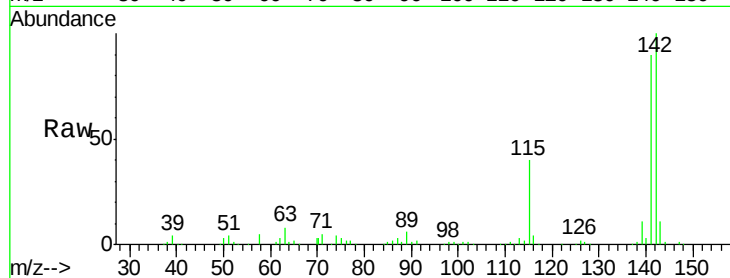
#37
2-Methylnaphthalene
Concen: 38.80 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	40.4	22.6	33.8

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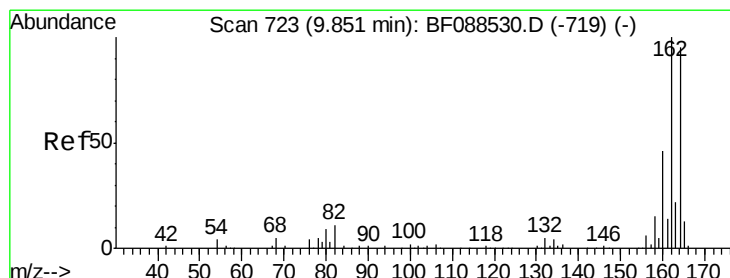
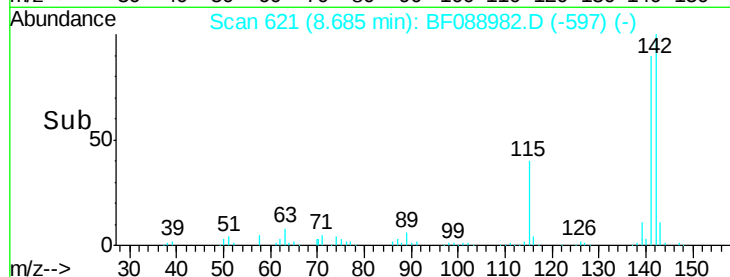
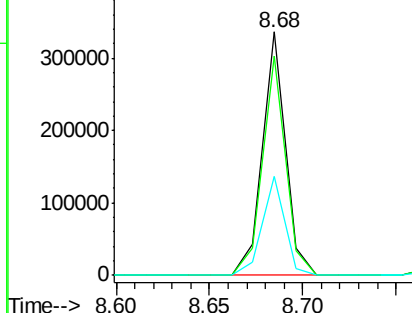


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

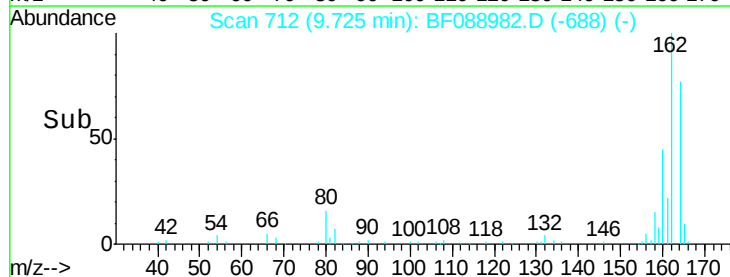
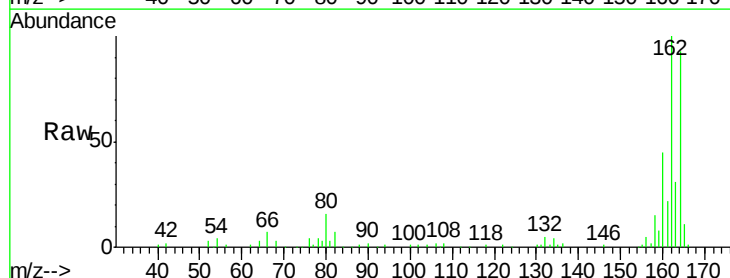
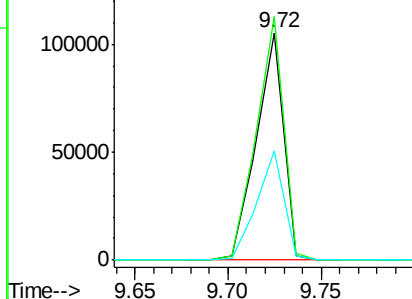
Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	85.4	128.2
160	48.4	39.5	59.3

Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.52 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 170560

Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

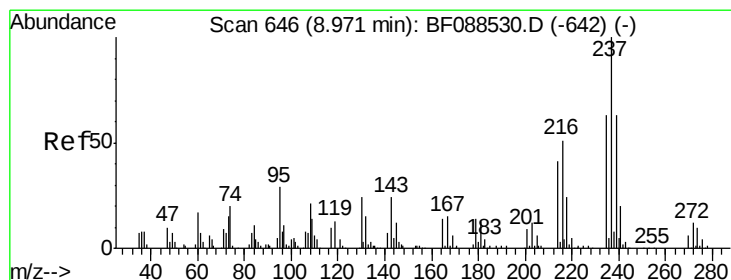
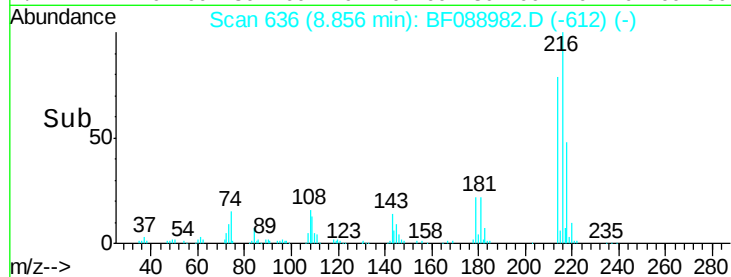
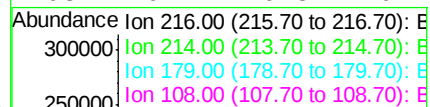
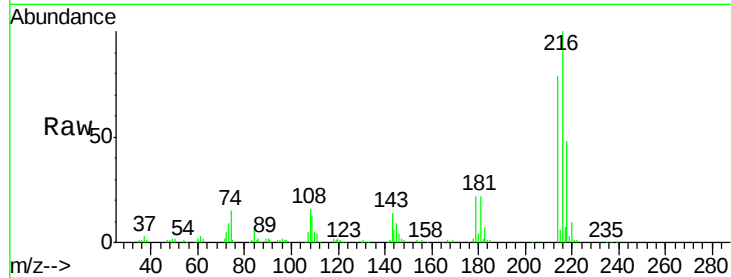
179 23.3 0.0 0.0#

108 20.1 0.5 0.7#

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#40

Hexachlorocyclopentadiene

Concen: 35.21 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

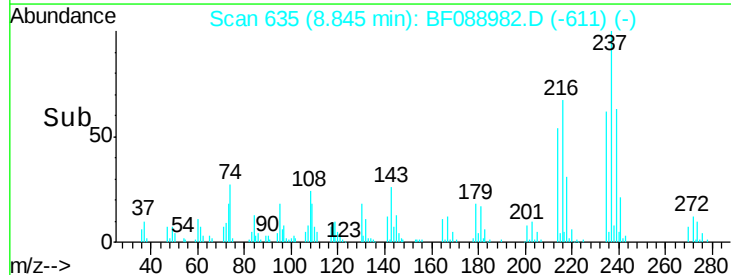
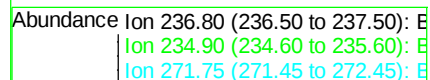
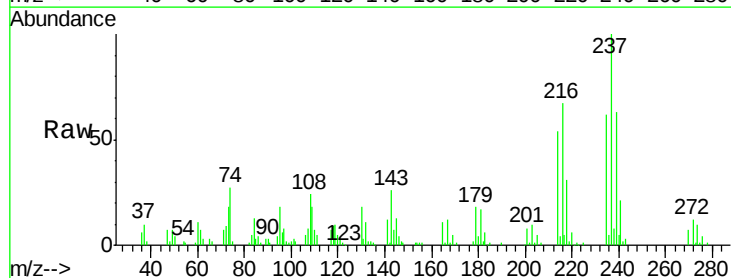
Tgt Ion:237 Resp: 60750

Ion Ratio Lower Upper

237 100

235 61.6 43.4 83.4

272 12.2 0.0 32.3





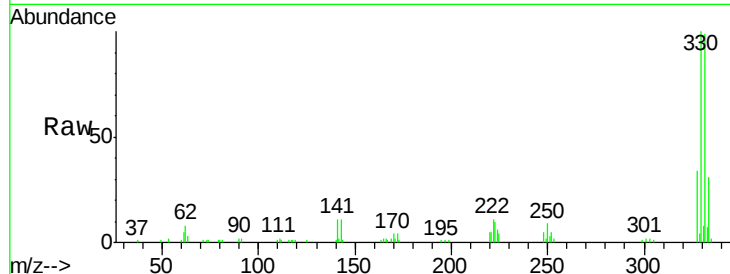
#41
 2,4,6-Tribromophenol
 Concen: 73.89 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

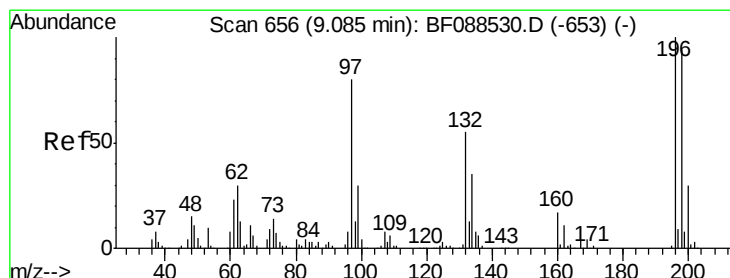
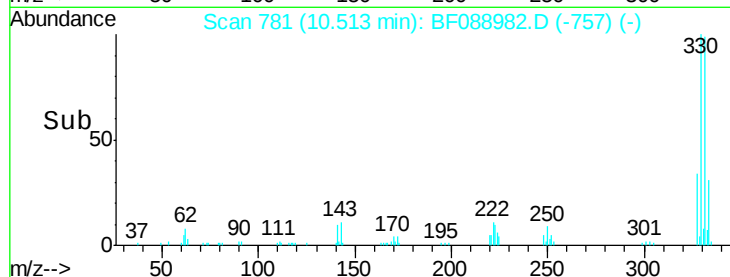
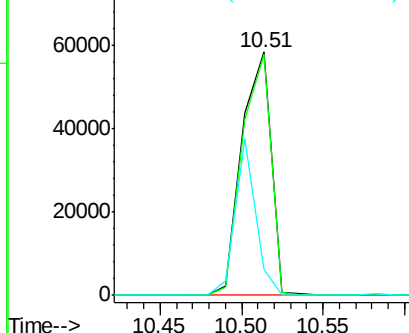
Tot Ion	Ratio	Resp	Lower	Upper
330	100	72527		
332	97.3	0.0	0.0	0.0
141	44.8	0.0	0.0	0.0

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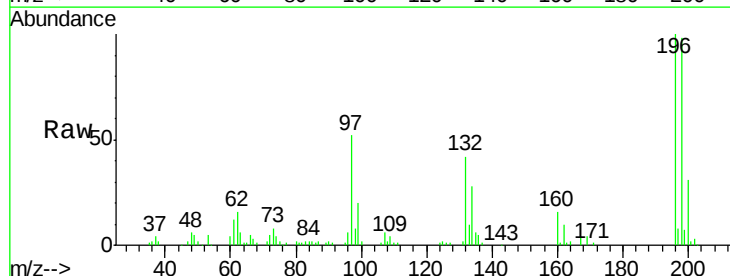


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

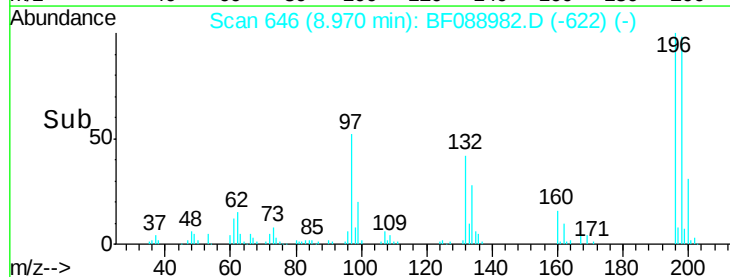
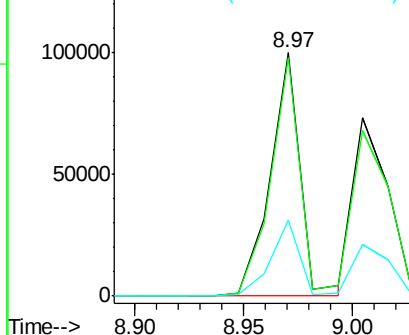


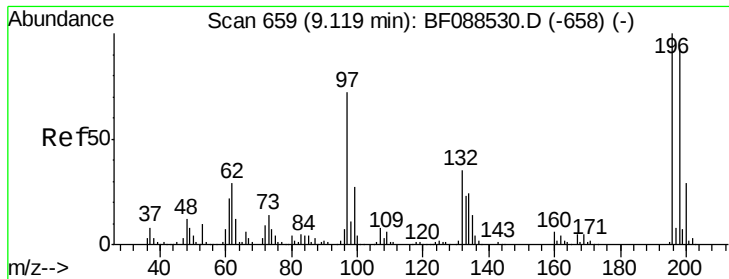
#42
 2,4,6-Trichlorophenol
 Concen: 41.53 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	96250		
198	97.8	78.0	117.0	
200	31.3	25.4	38.2	



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





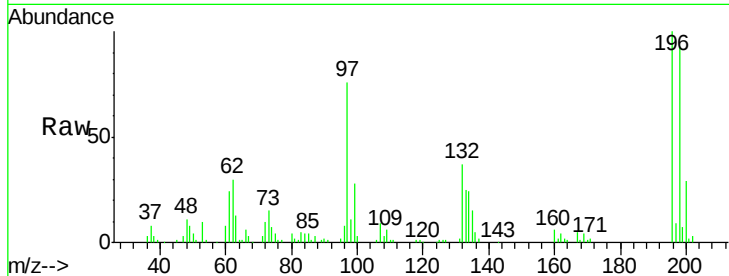
#43
 2,4,5-Trichlorophenol
 Concen: 41.18 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		82127		
198	92.9	77.5	116.3		
97	76.2	32.0	48.0		
132	36.5	20.9	31.3		

Manual Integrations

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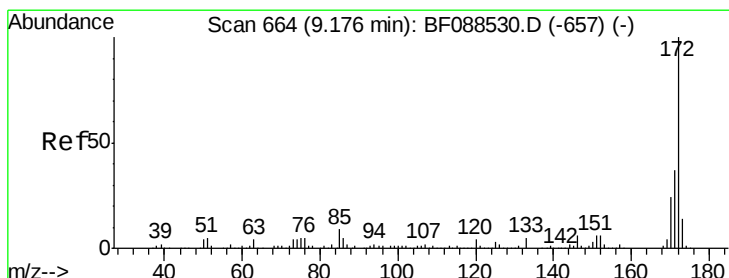
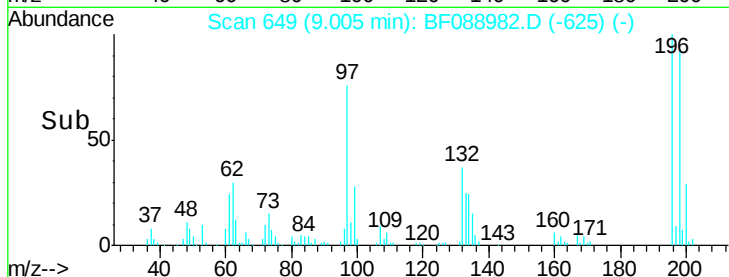
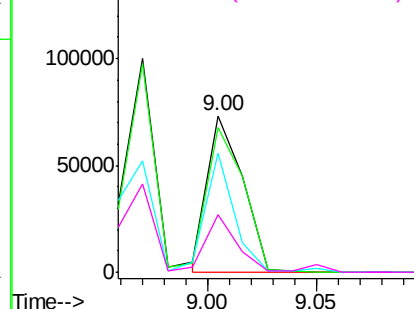
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.14 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

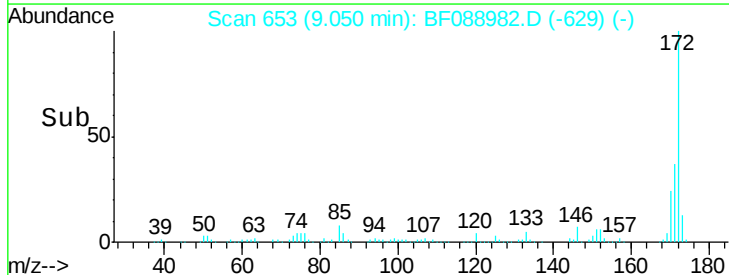
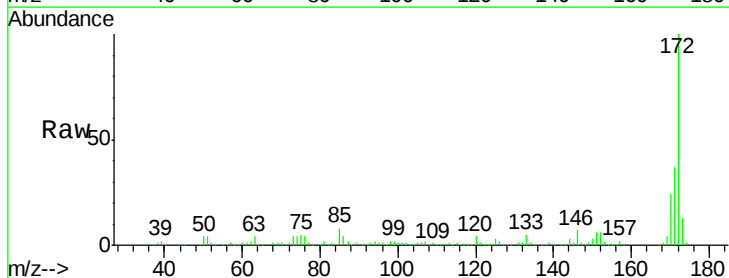
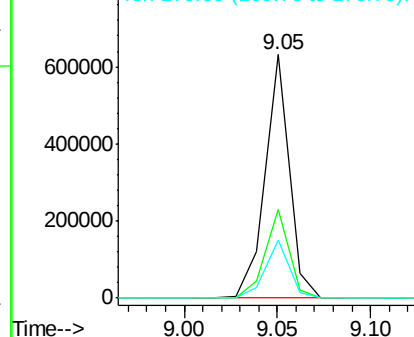
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		563002		
171	36.5	28.6	43.0		
170	23.9	19.2	28.8		

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.54 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

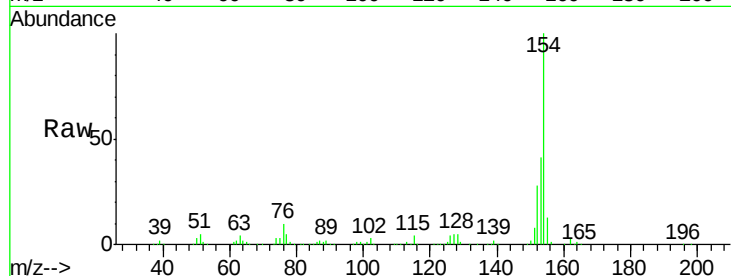
SSTDCCC040

Tot Ion:	154	Resp:	407352
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	10.3	0.0	35.1

Manual Integrations

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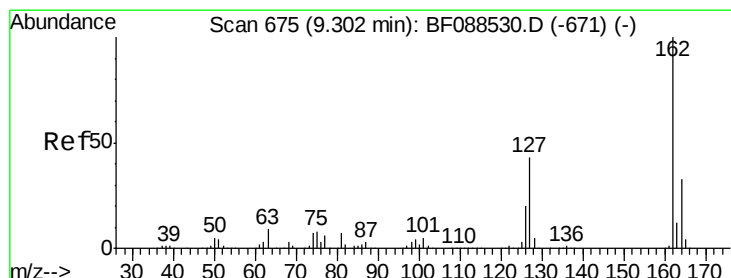
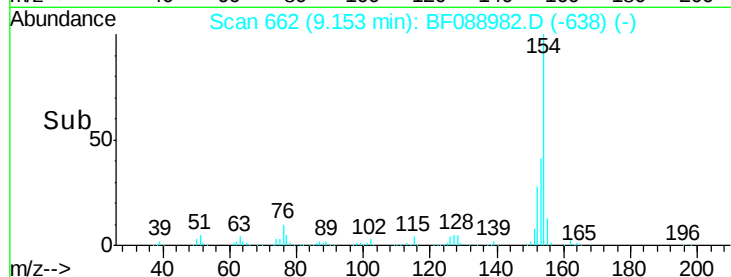
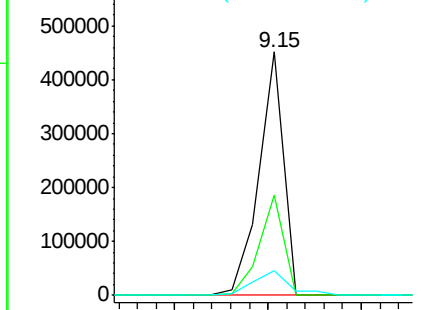
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.60 ng

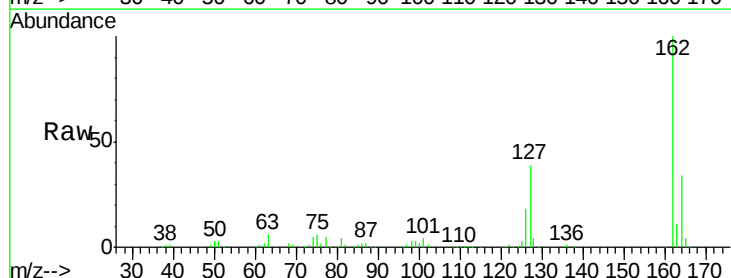
RT: 9.18 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

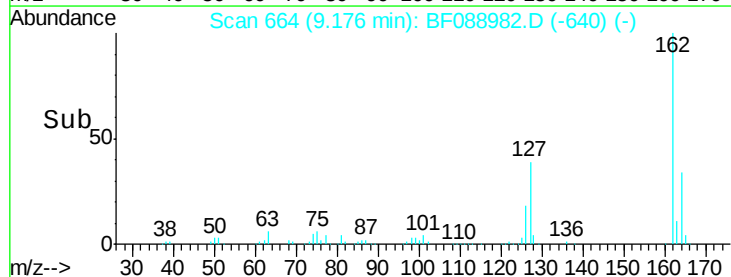
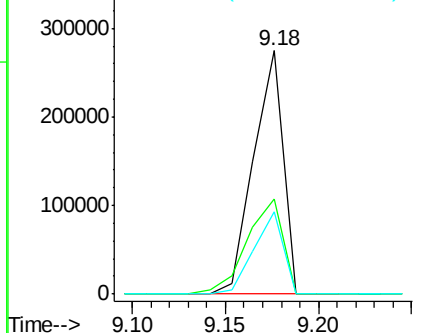
Tgt Ion:	162	Resp:	299586
Ion Ratio	Lower	Upper	
162	100		
127	39.2	35.2	52.8
164	33.7	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47
 2-Nitroaniline
 Concen: 37.34 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

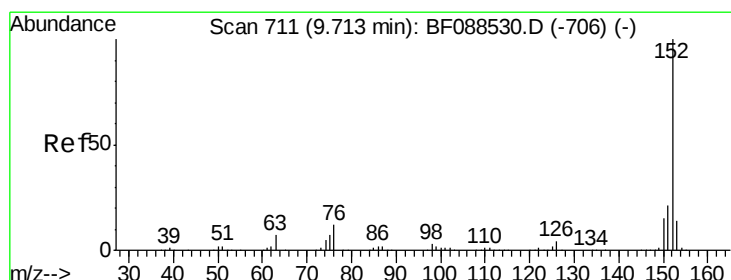
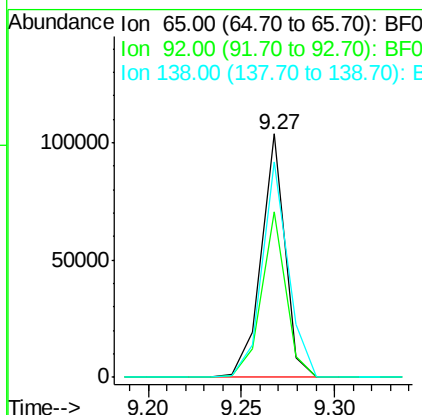
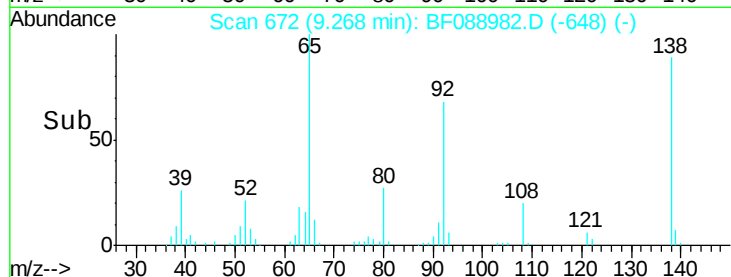
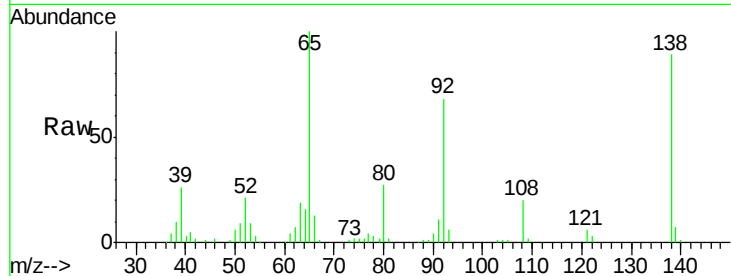
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 65 Resp: 91056

Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.6	82.0
138	88.7	77.0	115.4

Manual Integrations

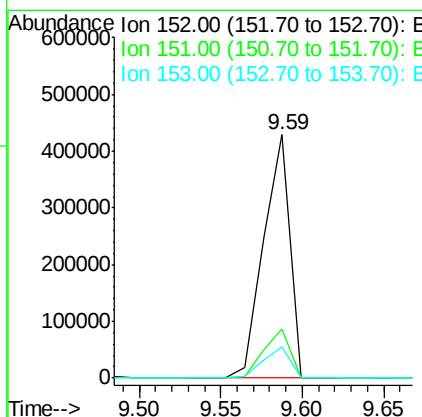
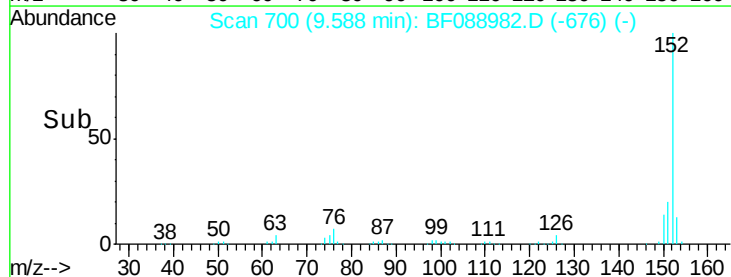
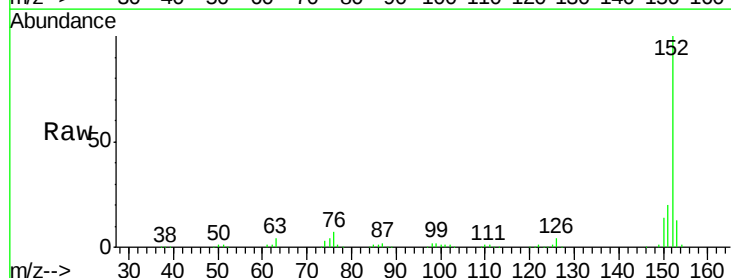
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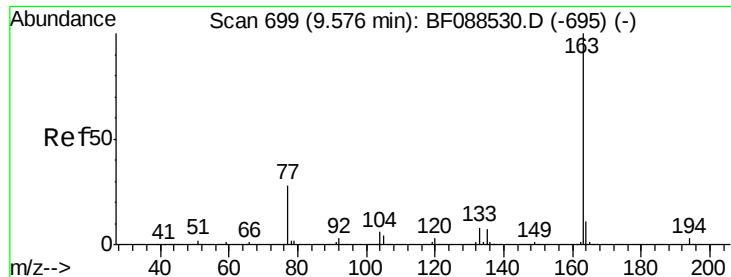


#48
 Acenaphthylene
 Concen: 43.80 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tgt Ion: 152 Resp: 478863

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	12.7	11.0	16.6





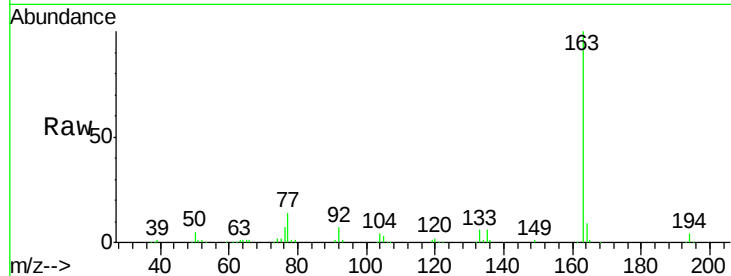
#49
Dimethylphthalate
Concen: 42.91 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

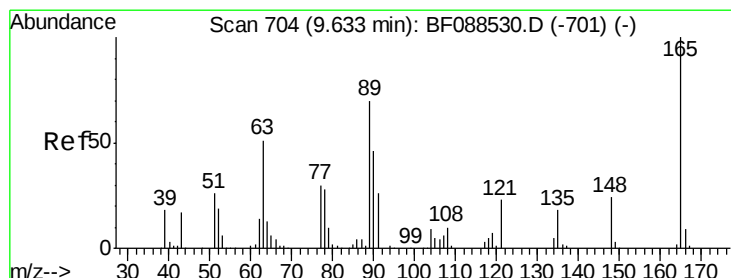
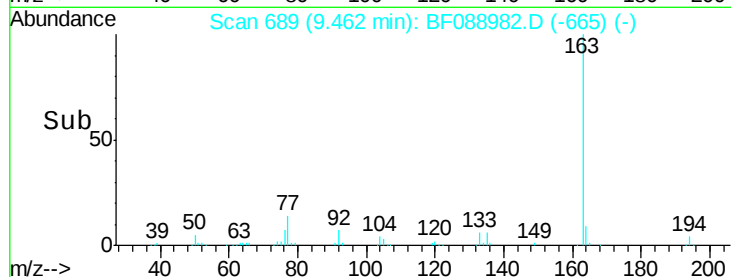
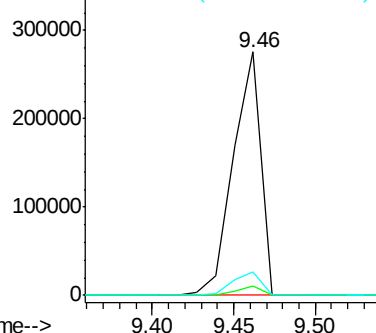
Tot Ion	Ratio	Resp	Lower	Upper
163	100	323123		
194	3.8		2.8	4.2
164	9.5		8.3	12.5

Manual Integrations

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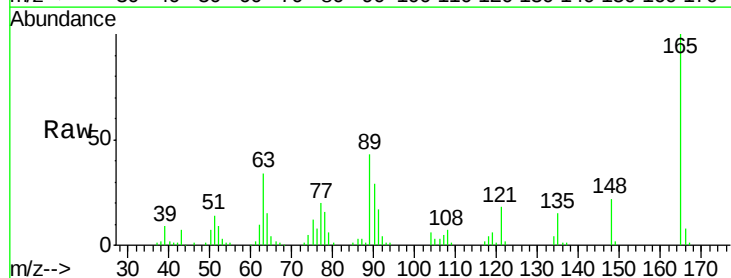


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

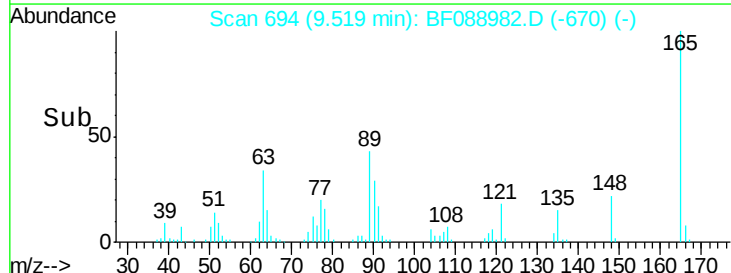
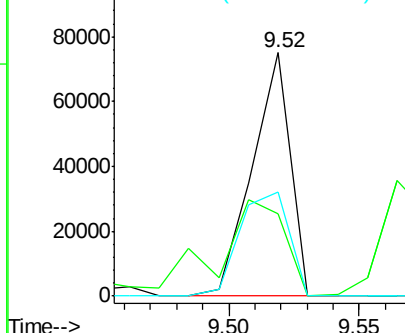


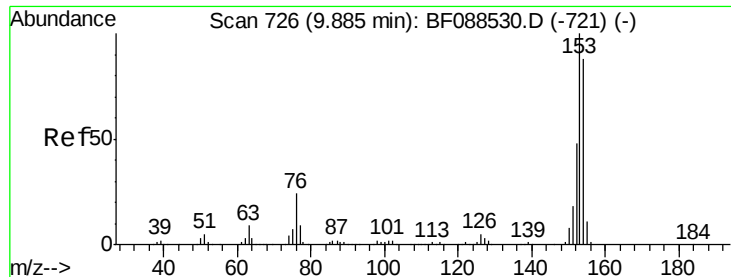
#50
2,6-Dinitrotoluene
Concen: 45.98 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	76731		
63	33.9		28.1	42.1
89	42.7		32.2	48.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.24 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 303189

Ion Ratio Lower Upper

154 100

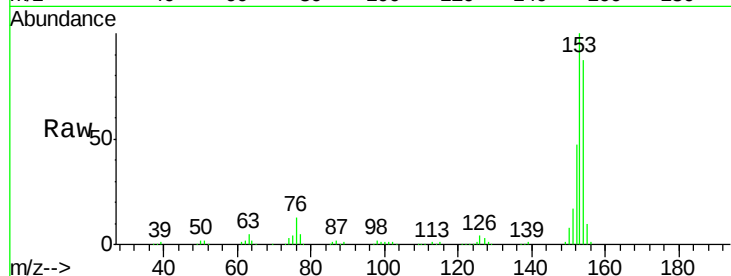
153 115.0 89.5 134.3

152 53.7 42.7 64.1

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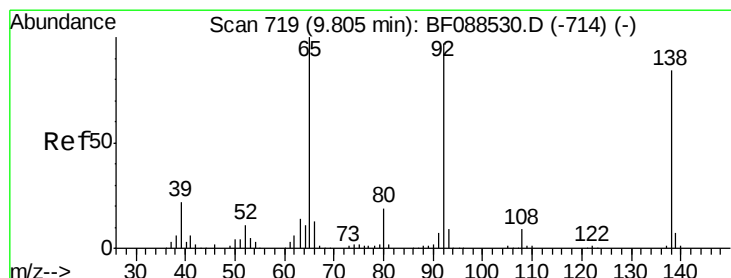
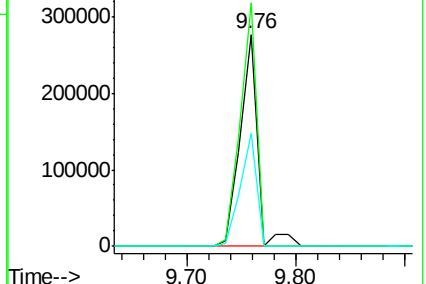
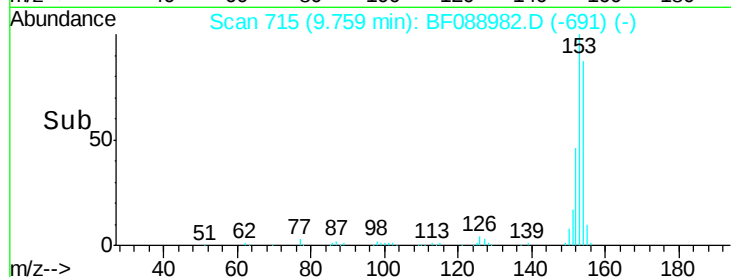
7/15/2016 9:16:18 AM



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: 34.92 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

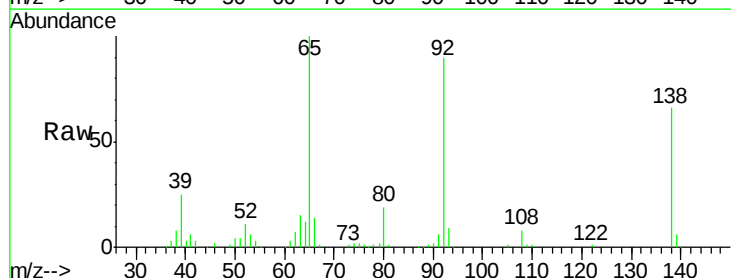
Tgt Ion:138 Resp: 74075

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

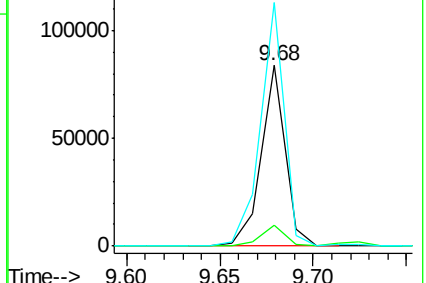
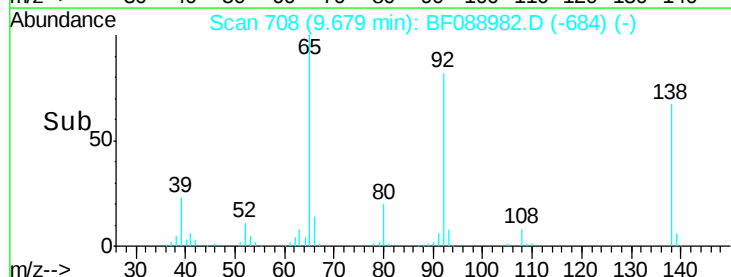
92 134.9 95.7 143.5

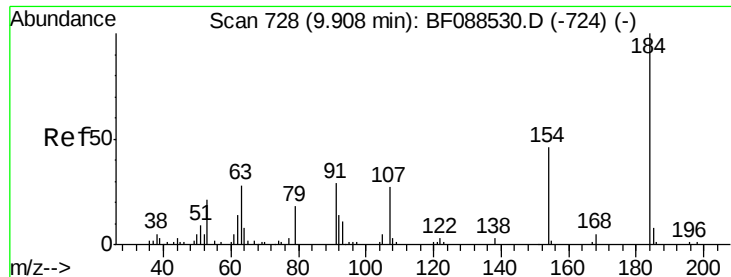


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





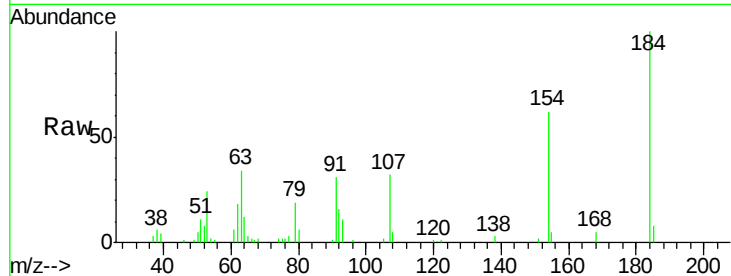
#53
2,4-Dinitrophenol
Concen: 42.65 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

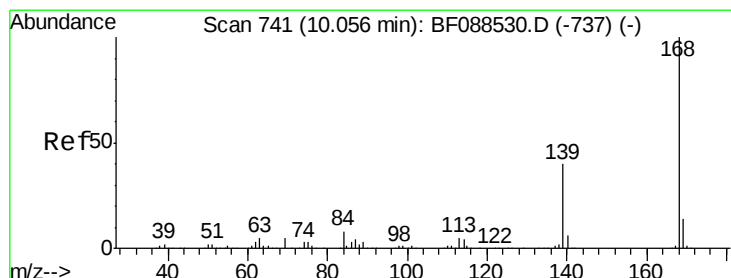
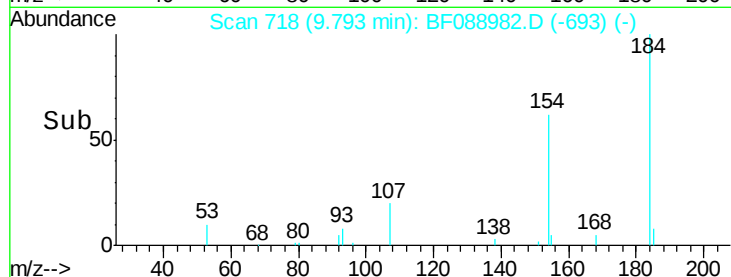
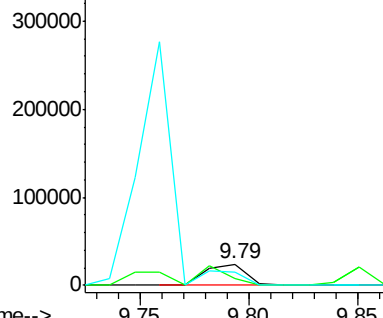
Tot Ion:184 Resp: 31430
Ion Ratio Lower Upper
184 100
63 33.9 57.6 86.4#
154 62.1 53.5 80.3

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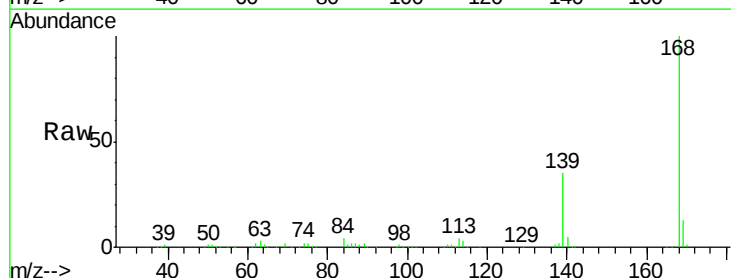


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

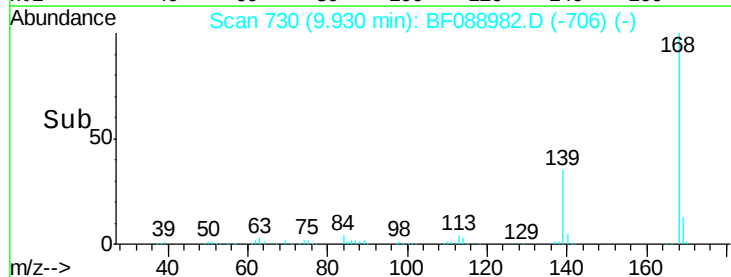
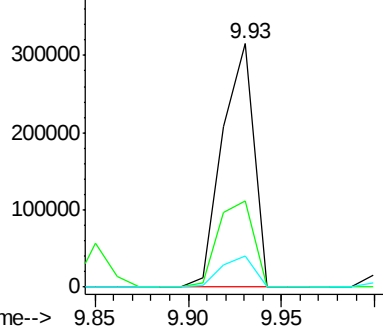


#54
Dibenzofuran
Concen: 41.92 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion:168 Resp: 367700
Ion Ratio Lower Upper
168 100
139 35.4 26.4 39.6
169 12.8 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: 33.04 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

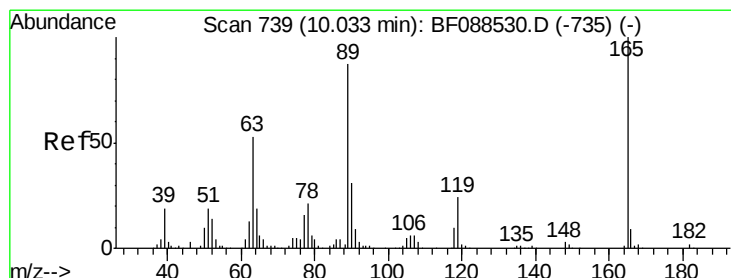
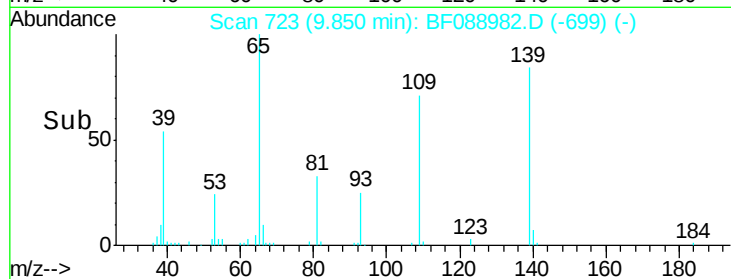
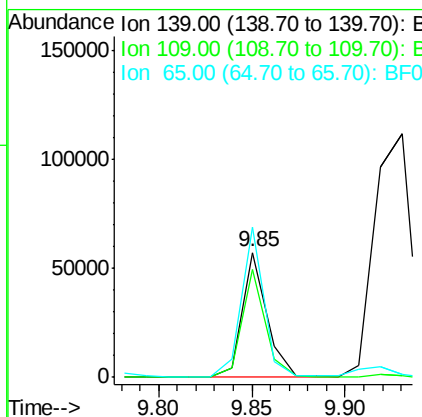
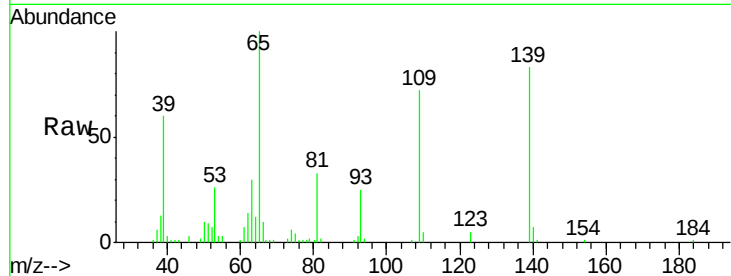
SSTDCCC040

Tot Ion:	139	Resp:	53262
Ion Ratio	Lower	Upper	
139	100		
109	86.1	48.9	88.9
65	119.8	84.9	124.9

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 46.83 ng

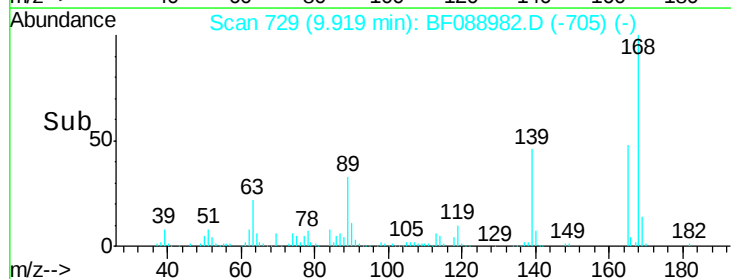
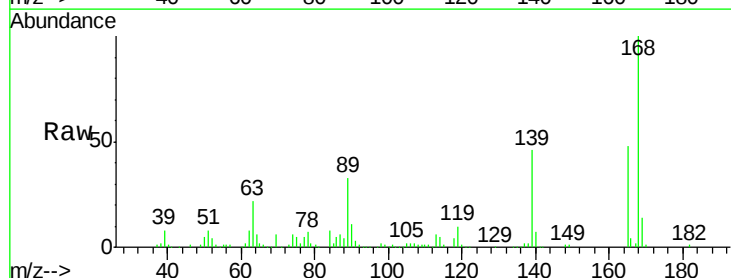
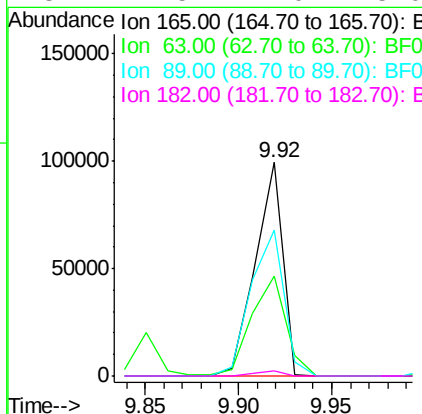
RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:	165	Resp:	102192
Ion Ratio	Lower	Upper	
165	100		
63	46.9	22.0	33.0#
89	68.4	41.1	61.7#
182	2.5	2.0	3.0





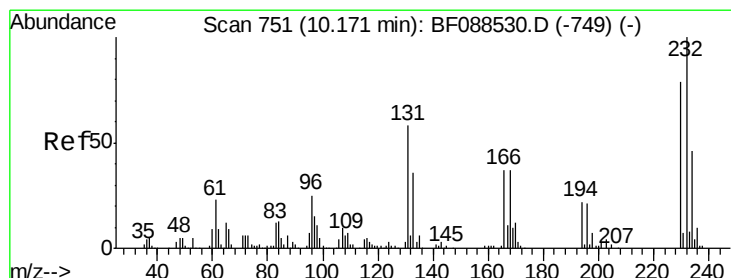
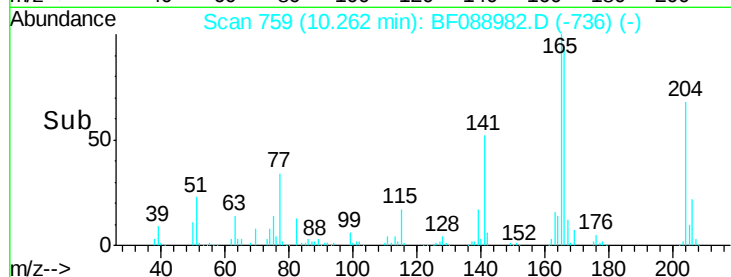
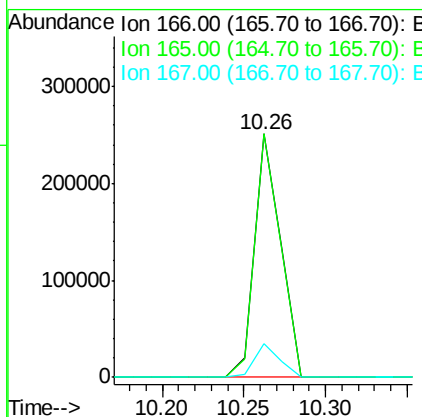
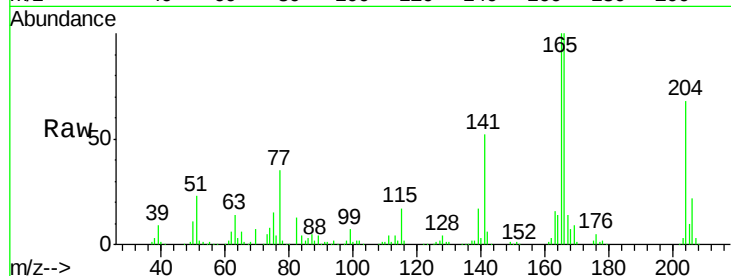
#57
Fluorene
 Concen: 41.03 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.03 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.8
167	14.0	11.2	16.8

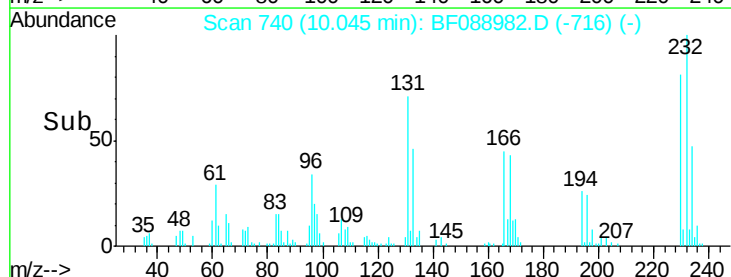
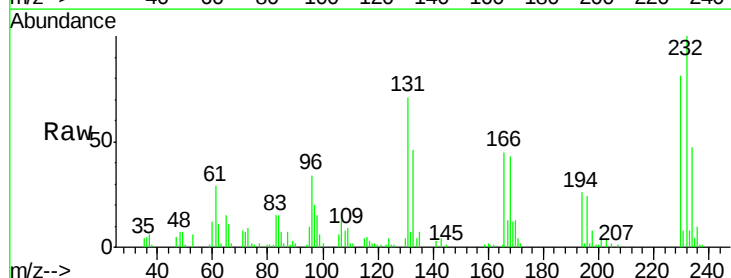
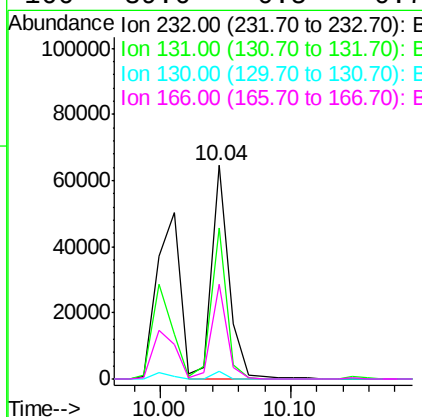
Manual Integrations

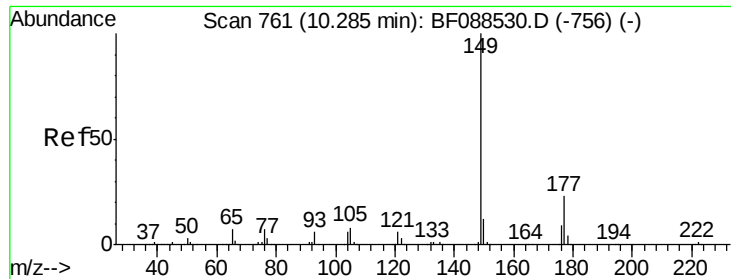
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.90 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	62.2	0.9	1.3#
130	2.9	1.5	2.3#
166	39.6	0.5	0.7#





#59

Diethylphthalate

Concen: 39.74 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

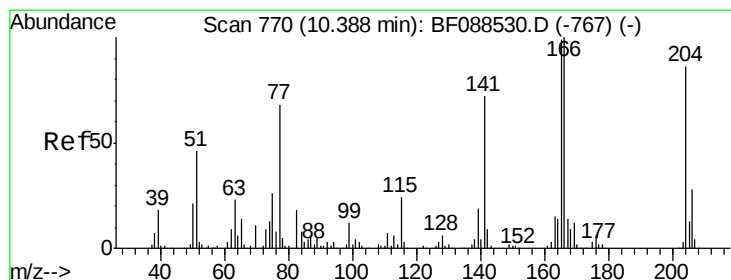
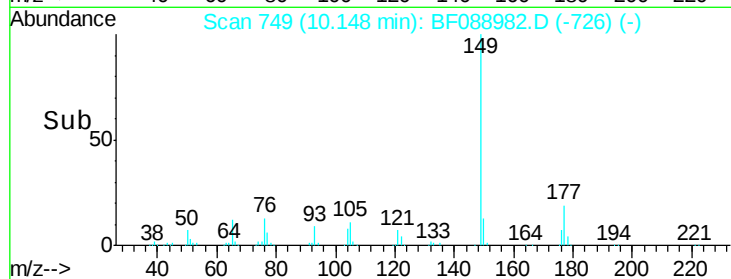
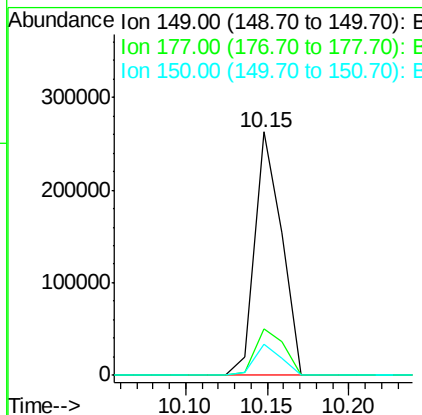
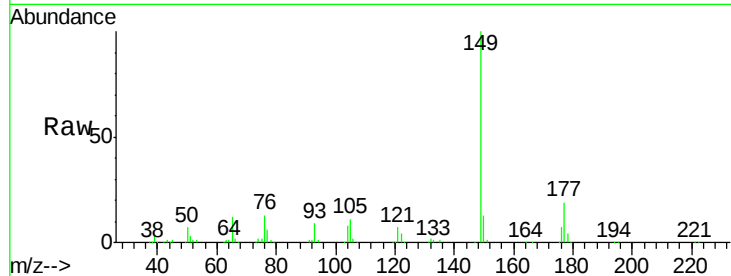
Tot Ion:	149	Resp:	300290
Ion Ratio	Lower	Upper	
149	100		
177	19.0	16.9	25.3
150	12.6	10.1	15.1

Manual Integrations

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#60

4-Chlorophenyl-phenylether

Concen: 43.12 ng

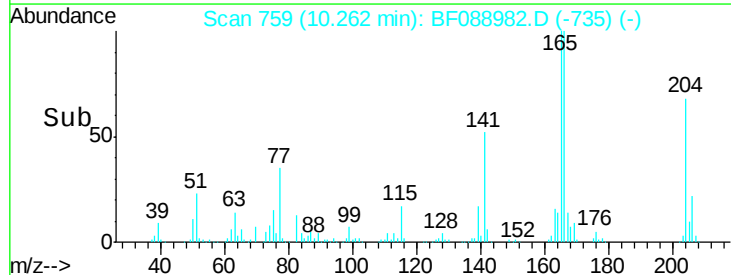
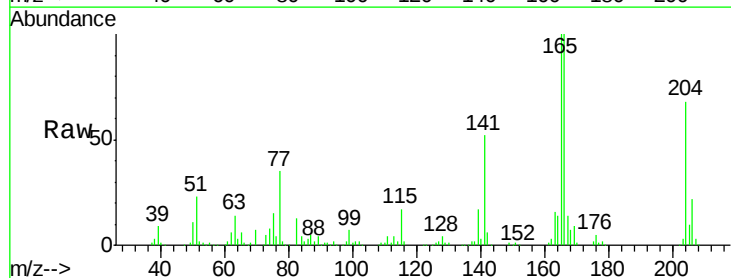
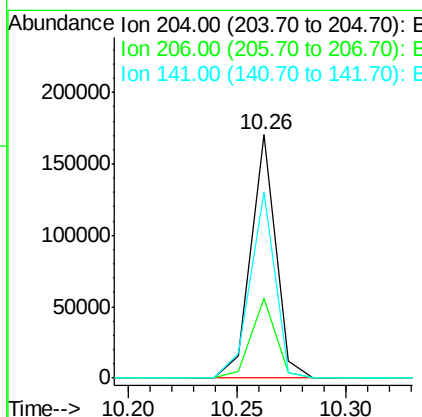
RT: 10.26 min Scan# 759

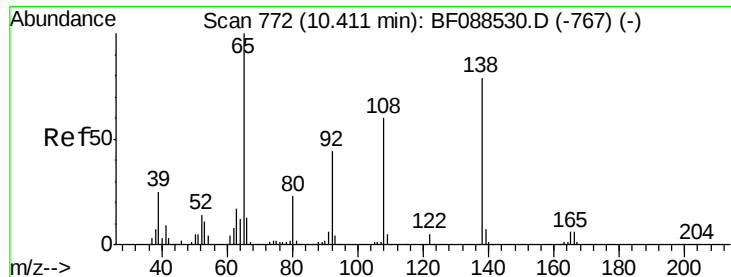
Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:	204	Resp:	135414
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.3	39.5
141	76.4	55.0	82.6





#61

4-Nitroaniline

Concen: 44.82 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 91501

Ion Ratio Lower Upper

138 100

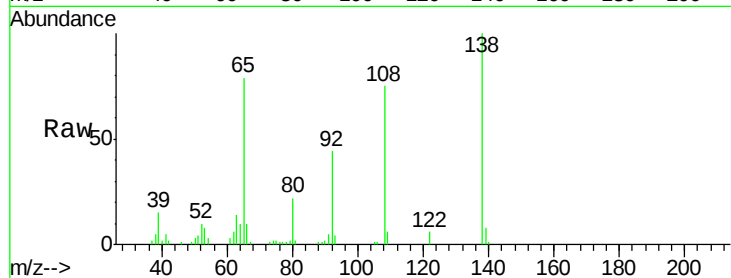
92 43.8 27.3 67.3

108 74.5 46.7 86.7

Manual Integrations

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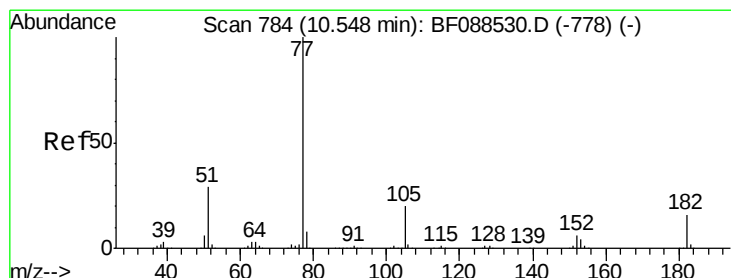
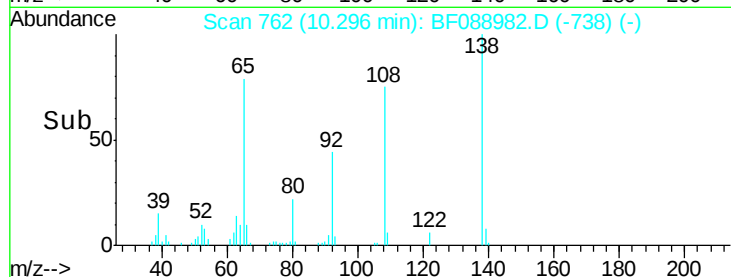
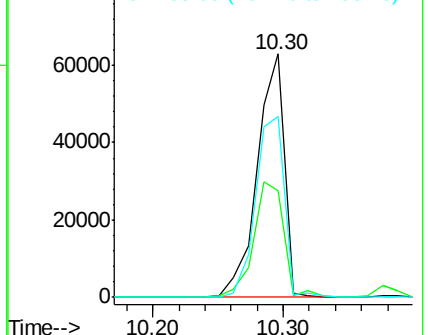
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.67 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion: 77 Resp: 350610

Ion Ratio Lower Upper

77 100

182 22.6 4.4 44.4

105 21.8 3.8 43.8

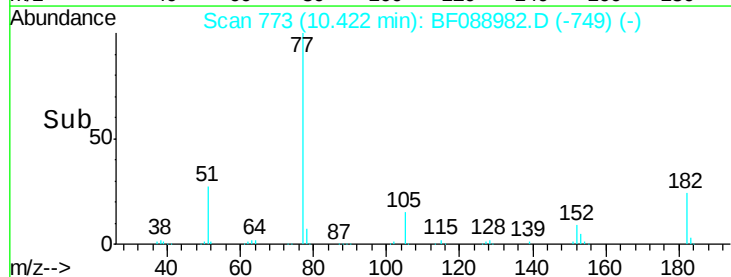
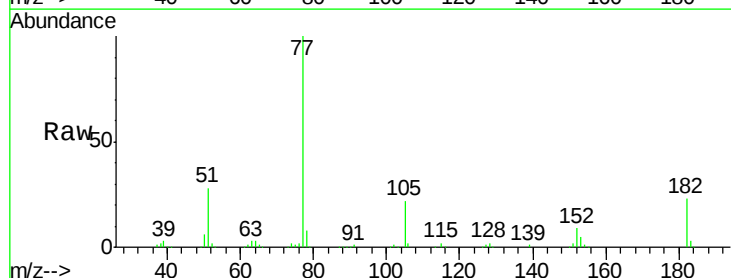
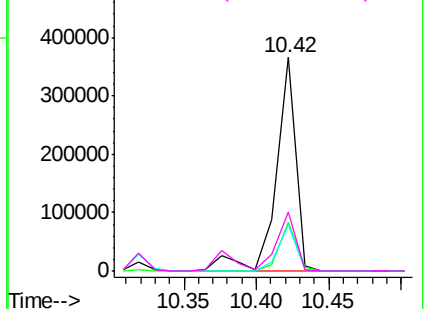
51 27.8 9.3 49.3

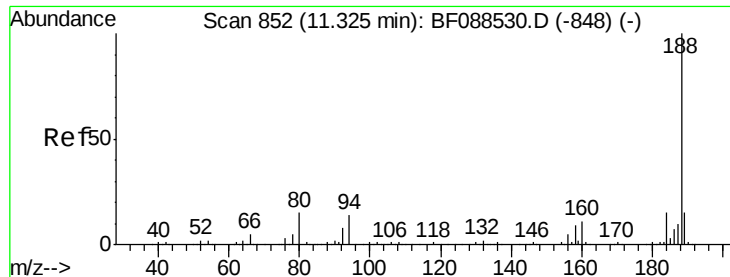
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





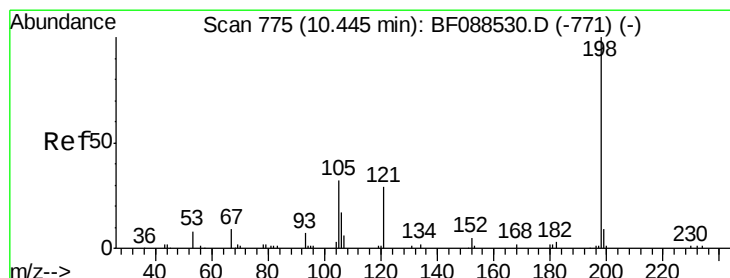
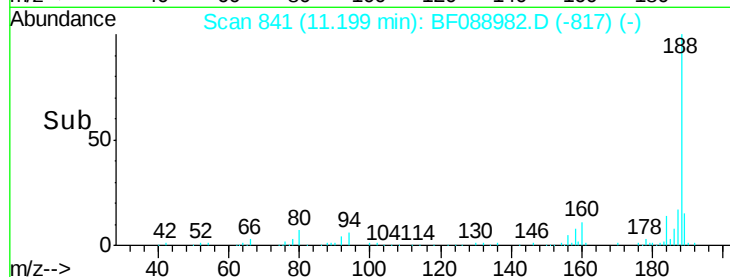
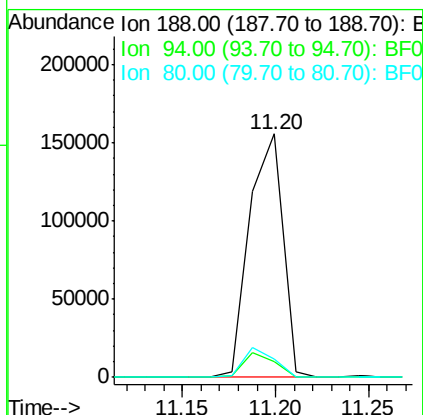
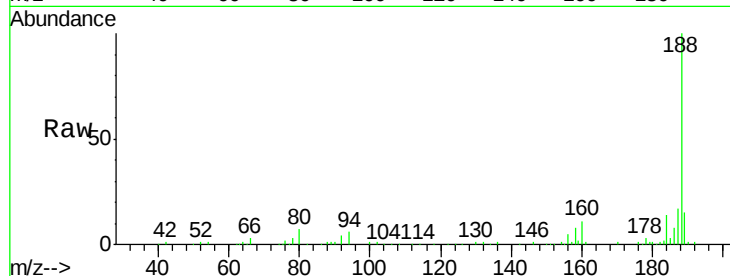
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.6#
80	7.3	10.0	15.0#

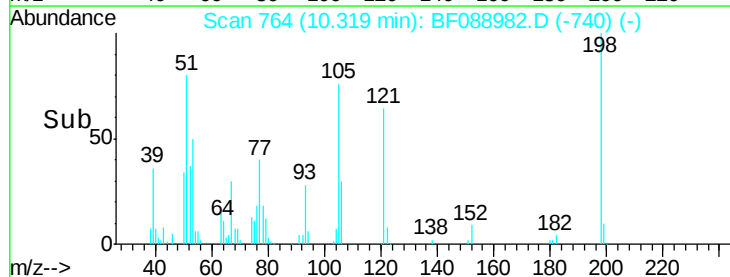
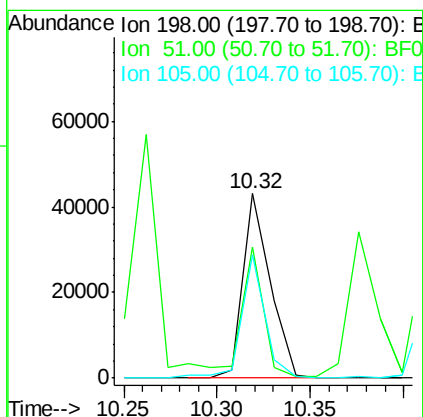
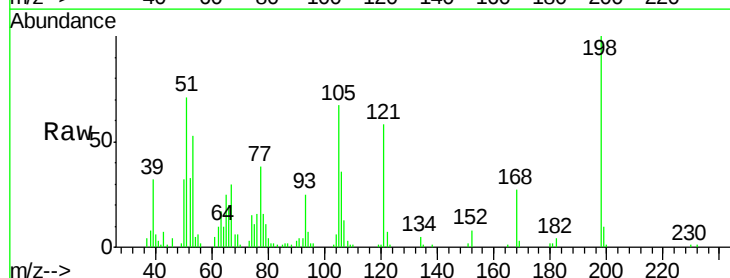
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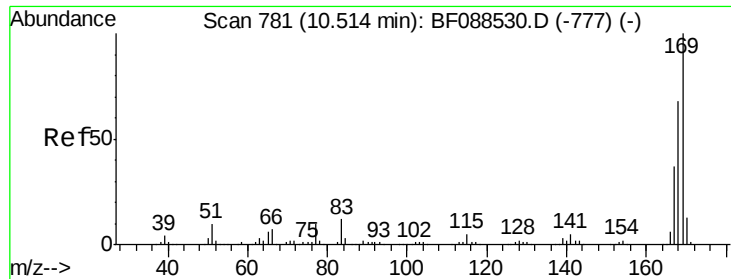
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.27 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
198	100		
51	70.9	39.6	79.6
105	66.8	36.6	76.6





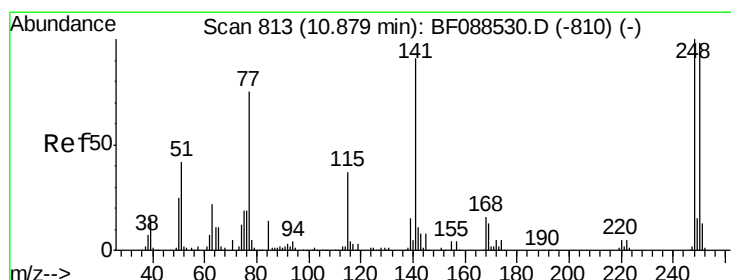
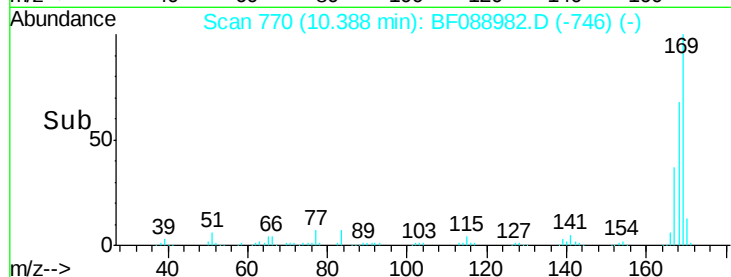
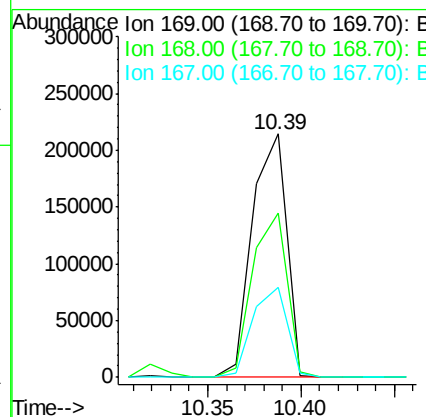
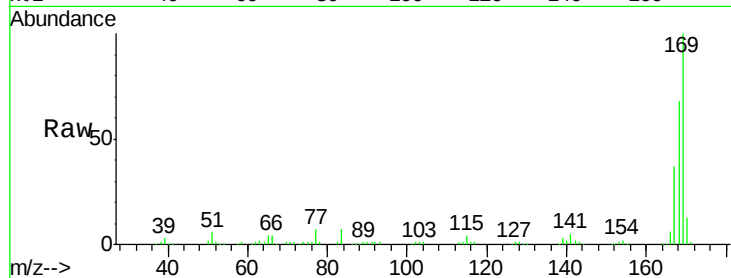
#65
 n-Nitrosodiphenylamine
 Concen: 41.77 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.4	80.0
167	37.0	29.4	44.0

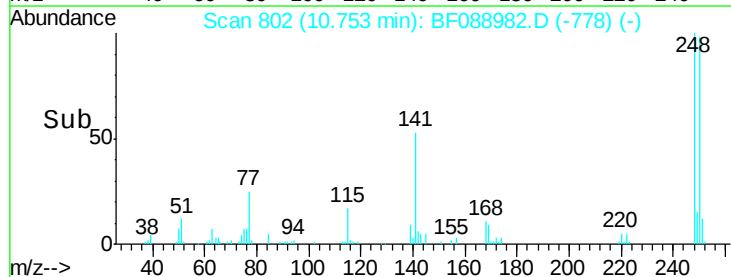
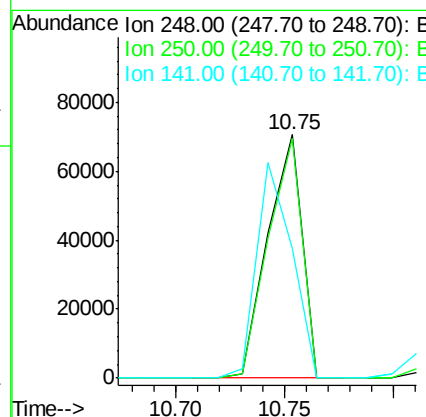
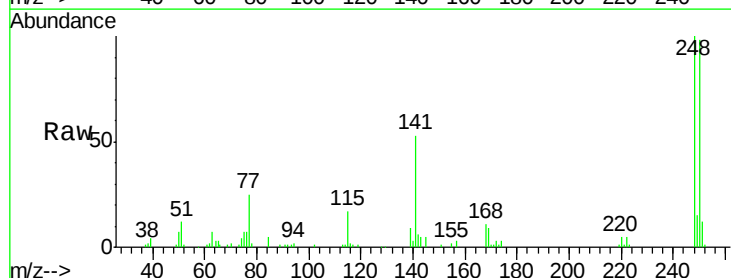
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#66
 4-Bromophenyl-phenylether
 Concen: 40.32 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.1	115.7
141	53.0	50.6	76.0





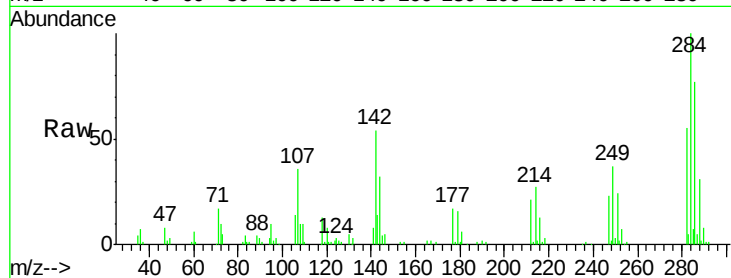
#67
Hexachlorobenzene
Concen: 35.17 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

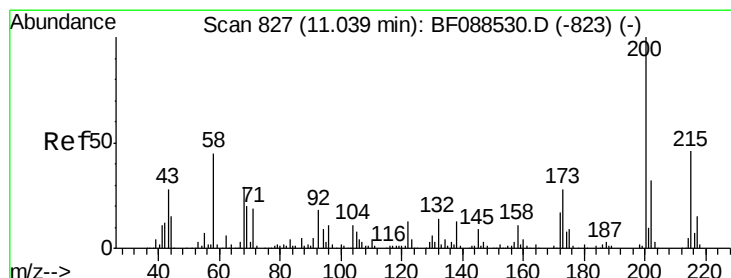
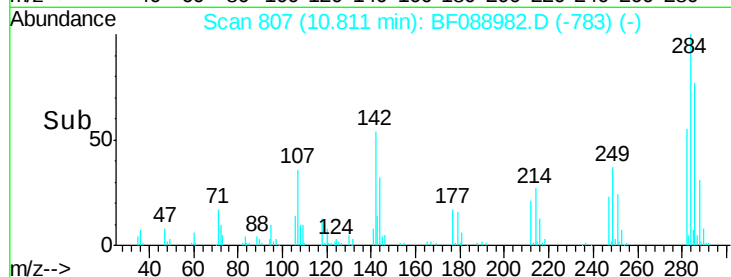
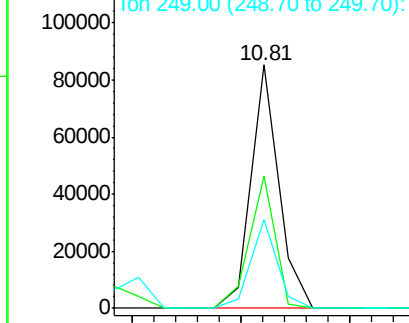
Tot Ion	Ratio	Lower	Upper
284	100		
142	54.1	35.8	53.8
249	36.5	25.8	38.6

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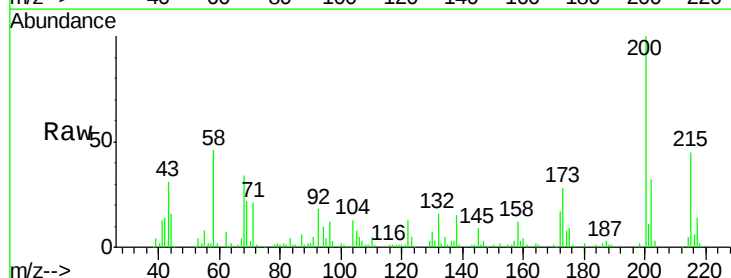


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

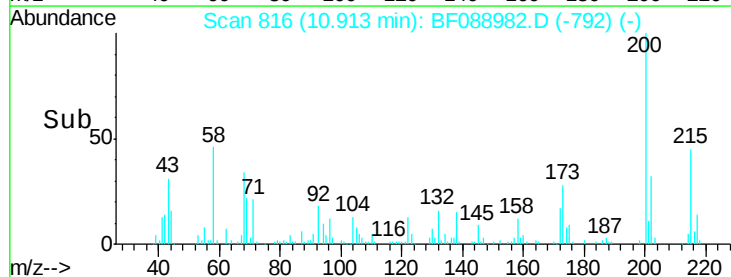
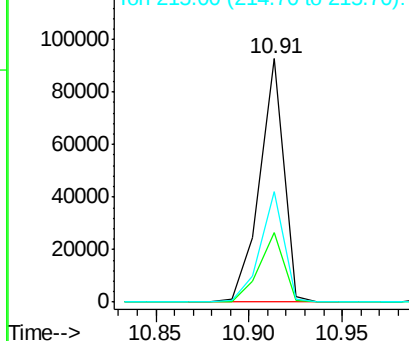


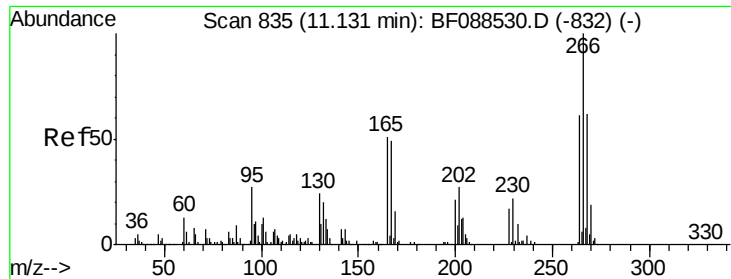
#68
Atrazine
Concen: 40.66 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	4.0	44.0
215	45.4	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





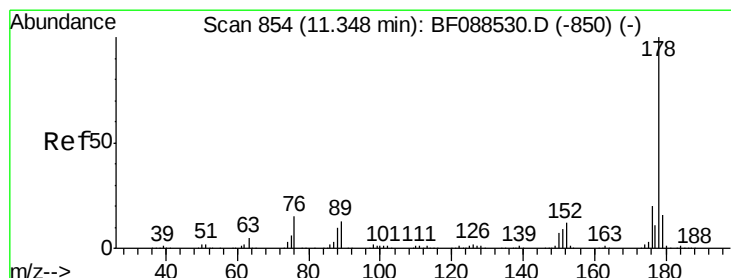
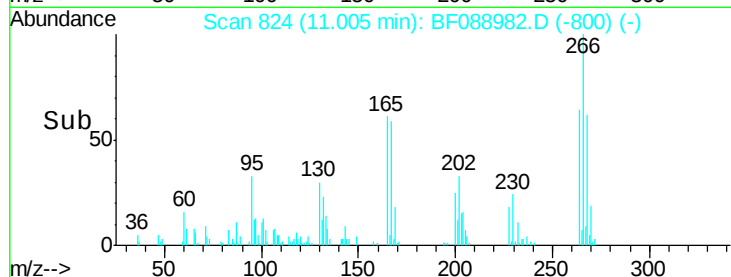
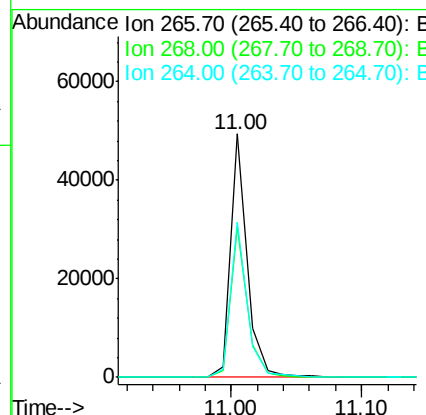
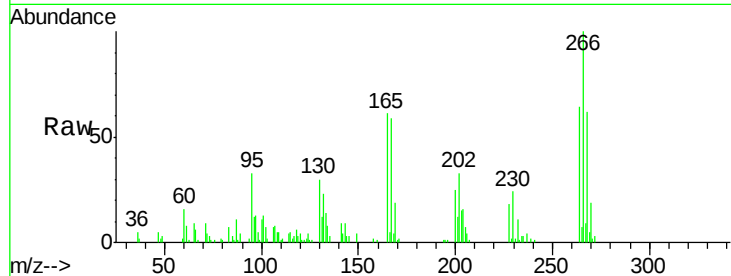
#69
 Pentachlorophenol
 Concen: 34.49 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	52.8	79.2
264	63.7	49.6	74.4

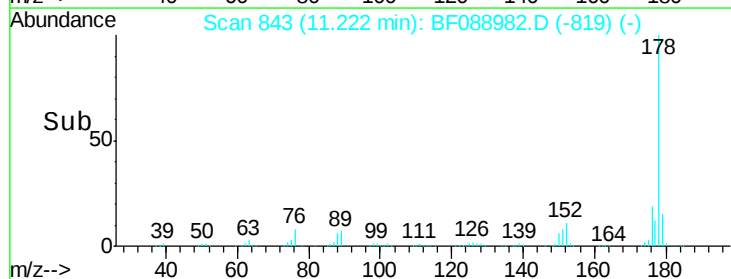
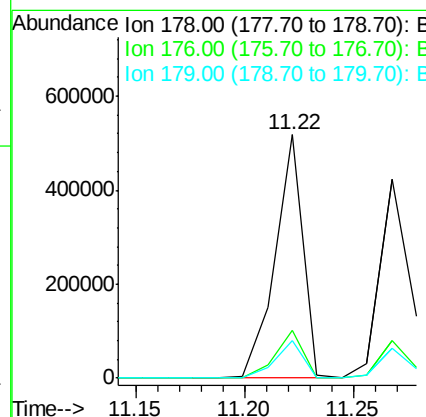
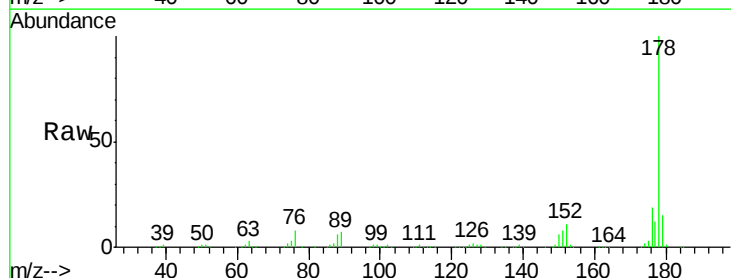
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#70
 Phenanthrene
 Concen: 44.36 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.4	13.0	19.4





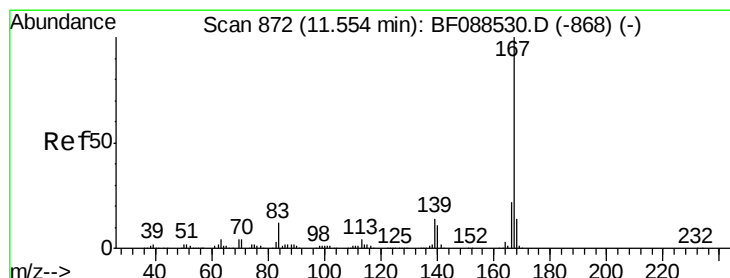
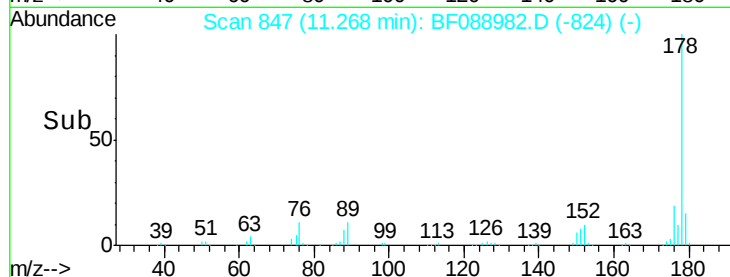
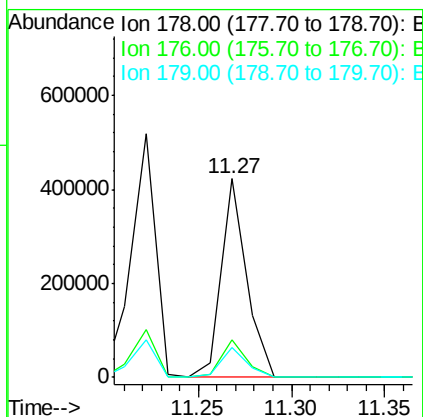
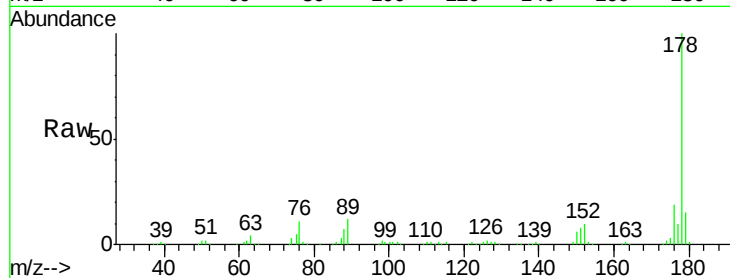
#71
 Anthracene
 Concen: 38.34 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.03 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.7	15.6	23.4	
179	15.3	12.8	19.2	

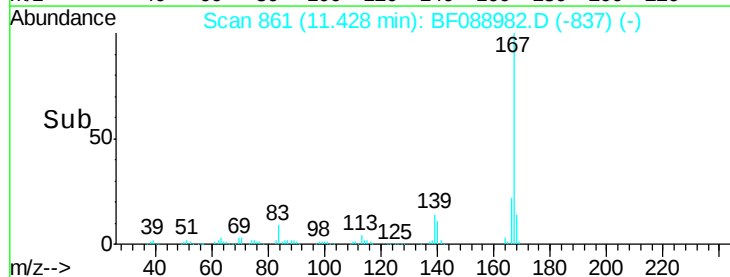
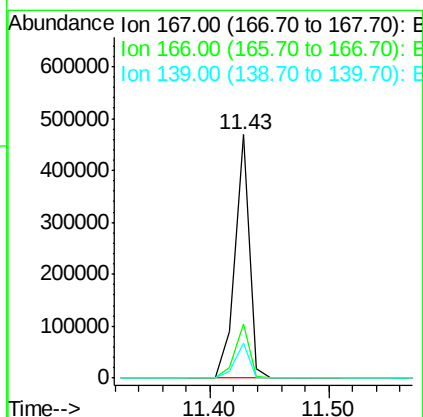
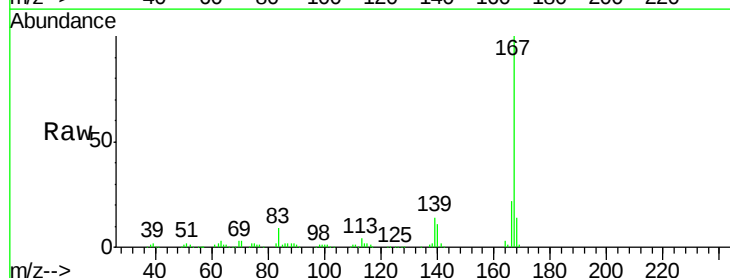
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#72
 Carbazole
 Concen: 40.29 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.1	17.8	26.6	
139	14.2	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 43.59 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

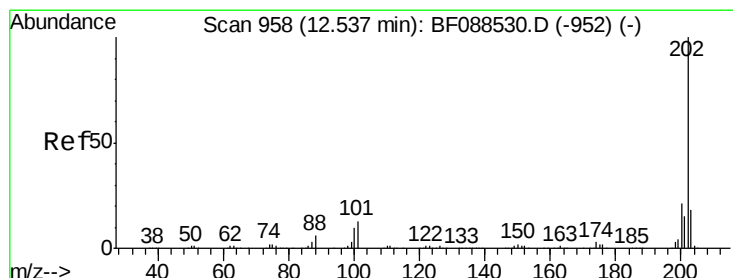
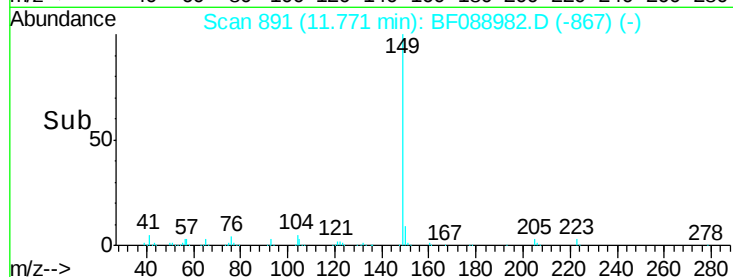
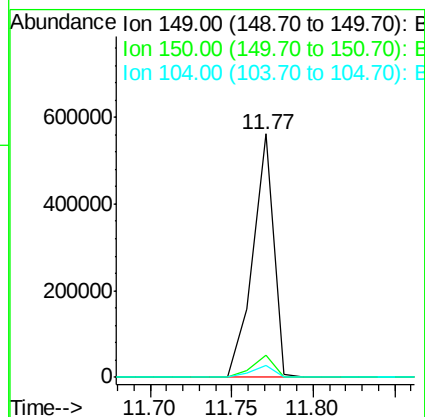
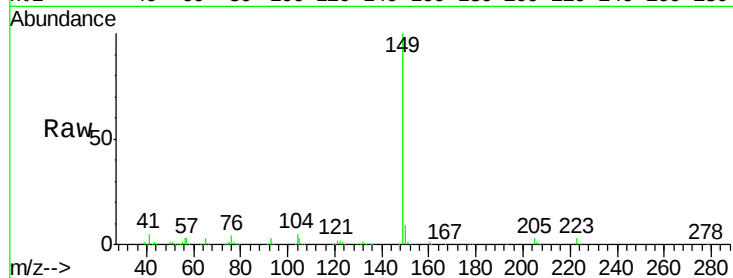
SSTDCCC040

Tot Ion:	149	Resp:	500491
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.8	4.0	6.0

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#74

Fluoranthene

Concen: 42.29 ng

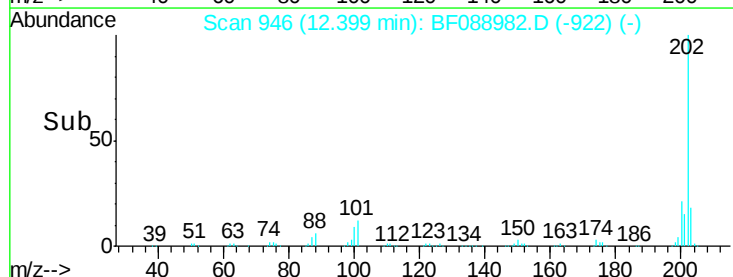
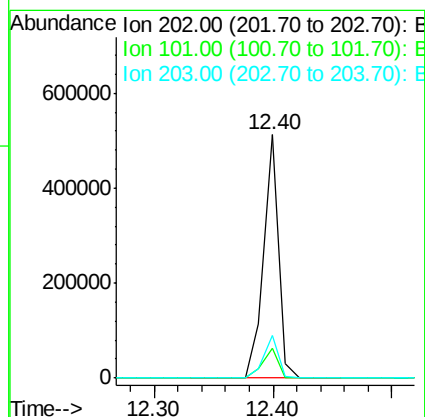
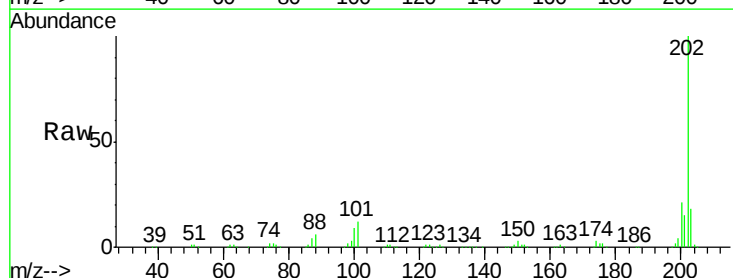
RT: 12.40 min Scan# 946

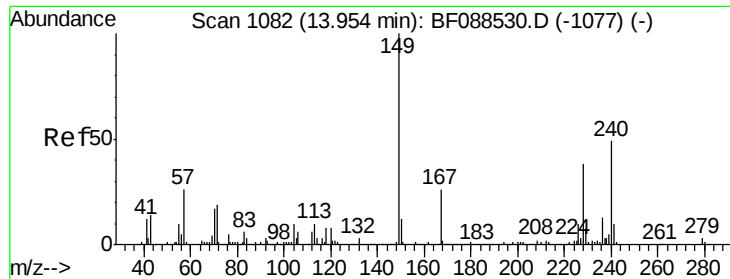
Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:	202	Resp:	452210
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.03 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

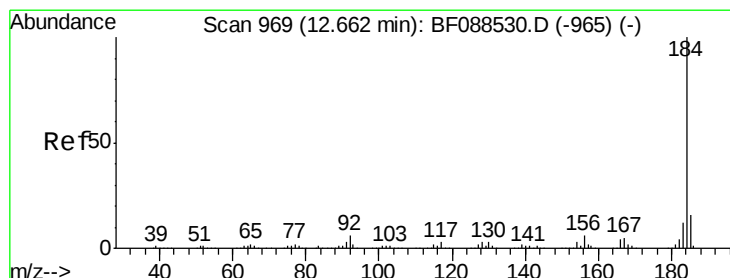
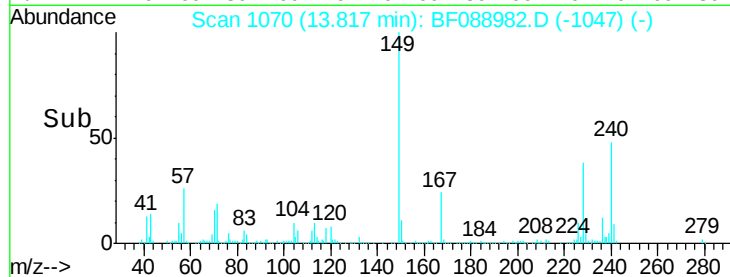
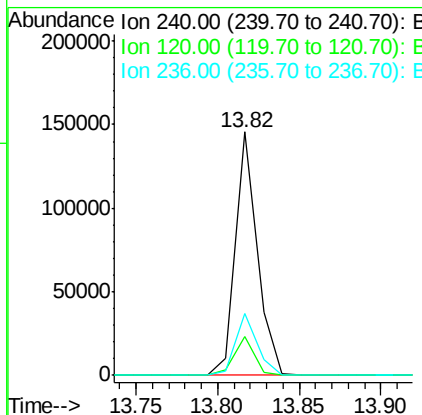
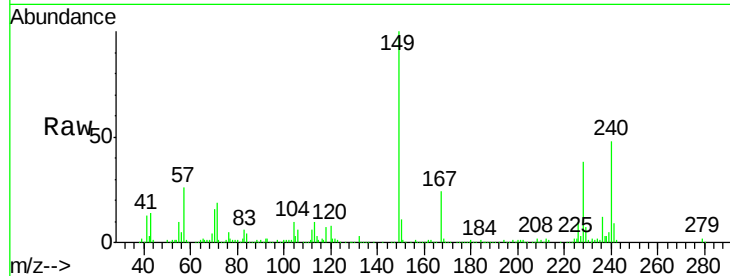
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	6.8	10.2
236	25.6	20.2	30.2

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#76

Benzidine

Concen: 33.06 ng

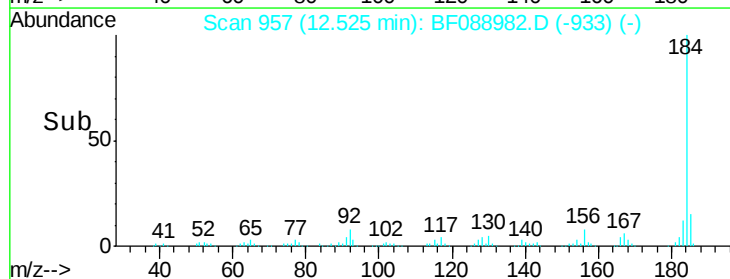
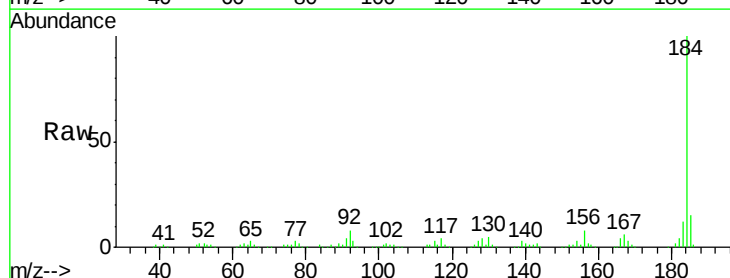
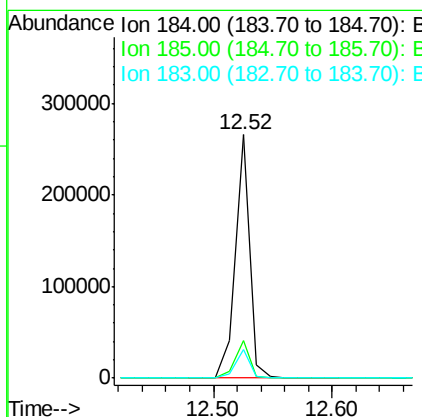
RT: 12.52 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.5	18.7
183	11.9	9.3	13.9





#77

Pvrene

Concen: 42.99 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

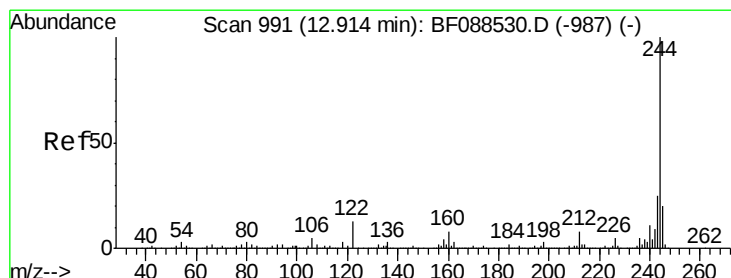
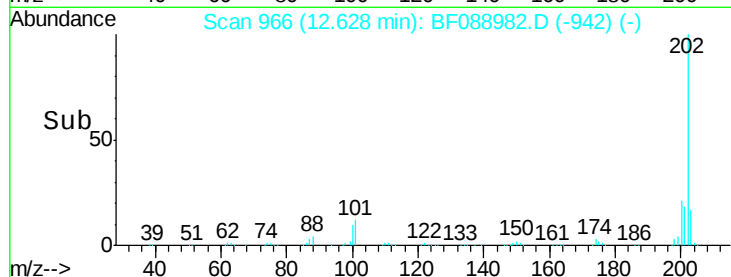
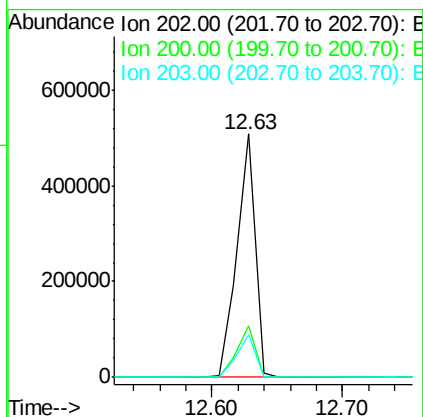
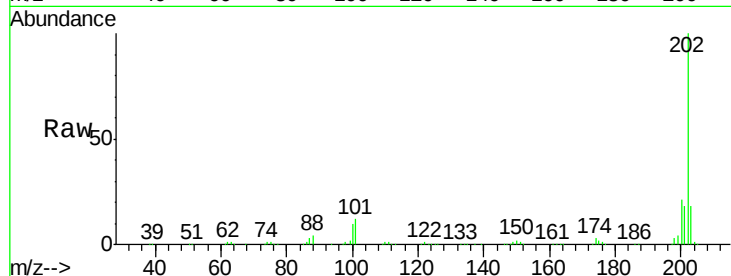
SSTDCCC040

Tot Ion:	202	Resp:	488521
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.7	14.5	21.7

Manual Integrations

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#78

Terphenyl-d14

Concen: 78.42 ng

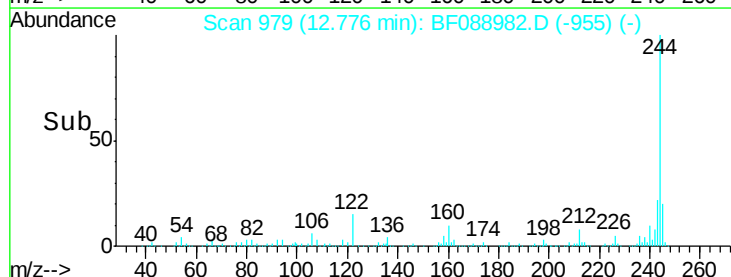
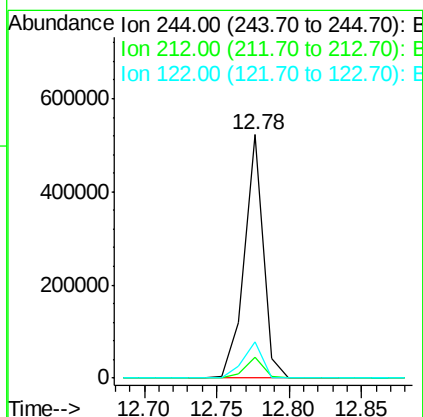
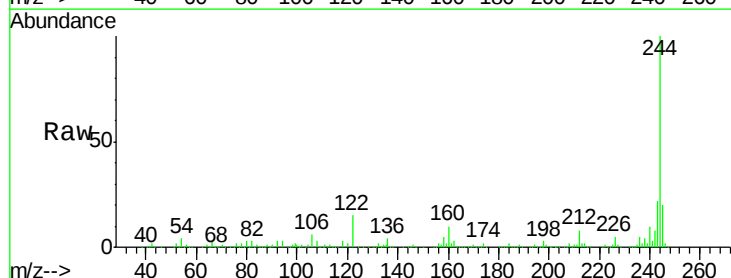
RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:	244	Resp:	471866
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.0	9.0
122	14.8	11.2	16.8





#79

Butylbenzylphthalate

Concen: 41.50 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

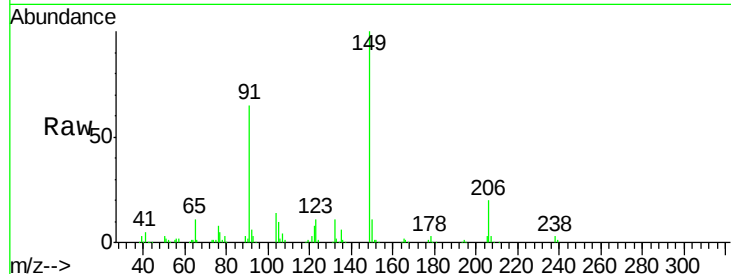
SSTDCCC040

Tot Ion:	149	Resp:	210333
Ion Ratio	Lower	Upper	
149	100		
91	65.1	48.0	72.0
206	19.9	16.0	24.0

Manual Integrations

Sohil

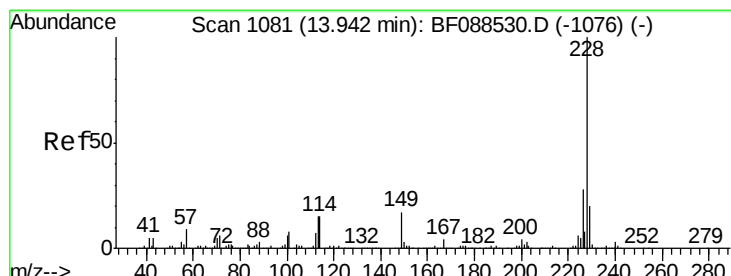
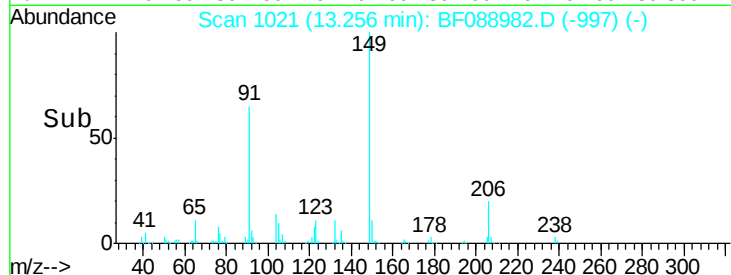
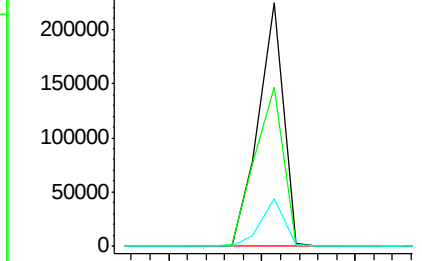
7/15/2016 9:16:18 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.05 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BF088982.D

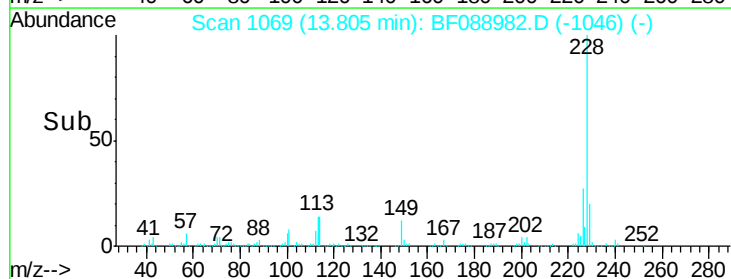
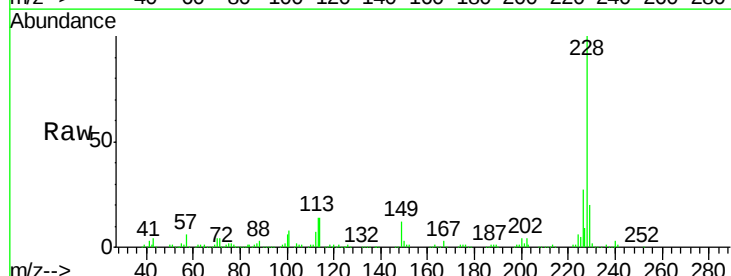
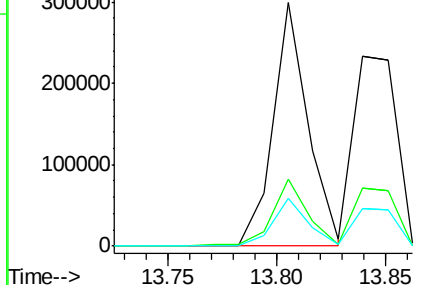
Acq: 14 Jul 2016 12:54

Tgt Ion:	228	Resp:	337001
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.3	33.5
229	19.6	16.0	24.0

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





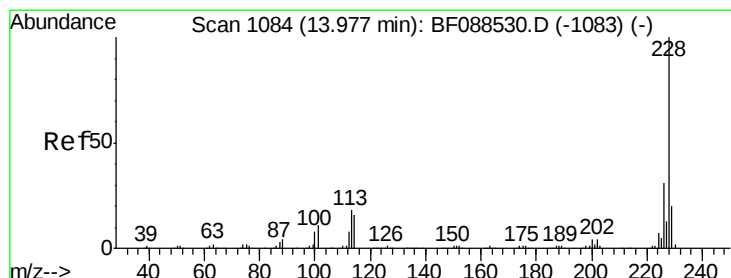
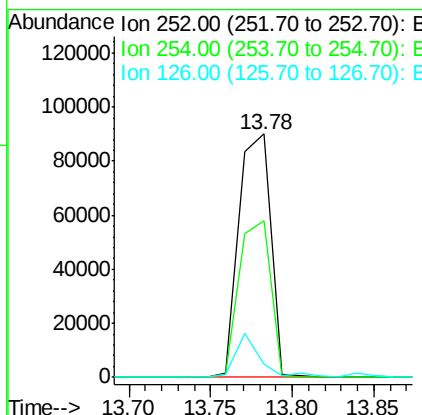
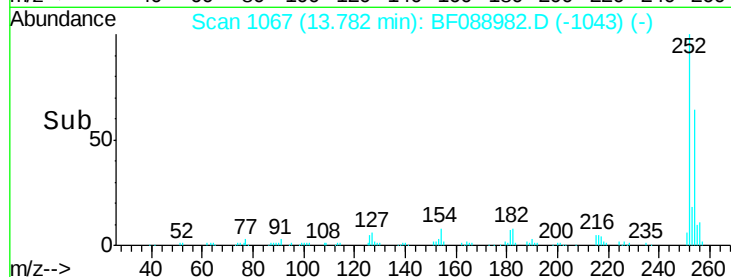
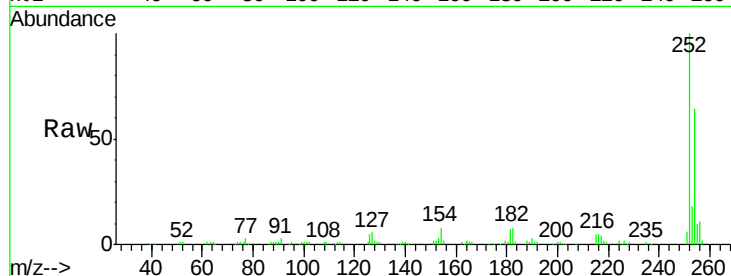
#81
 3,3'-Dichlorobenzidine
 Concen: 37.42 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	78.8
126	5.2	6.2	9.2

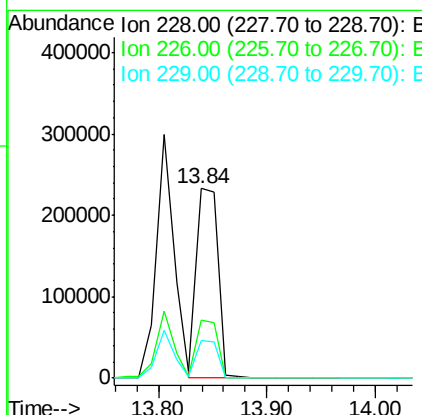
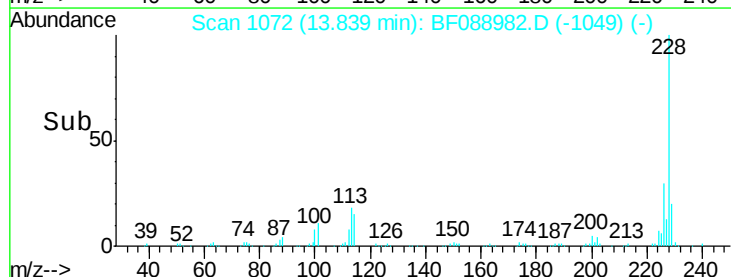
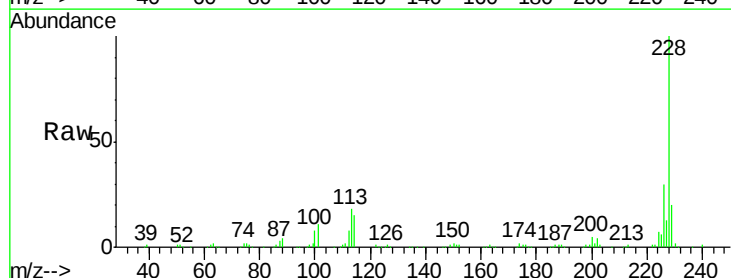
Manual Integrations

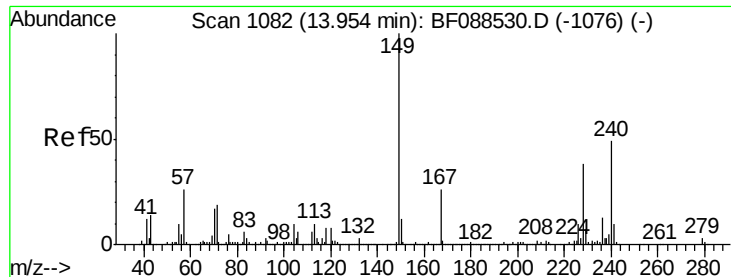
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 7/15/2016 9:16:18 AM



#82
 Chrysene
 Concen: 37.80 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088982.D
 Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	19.8	16.3	24.5





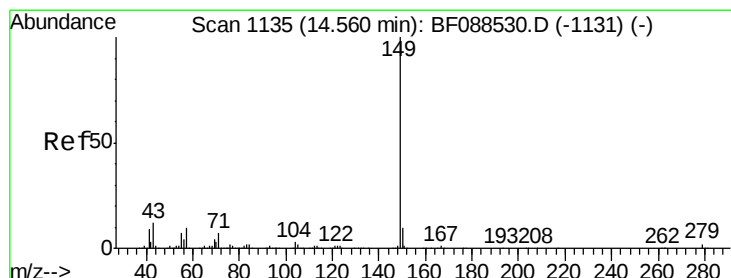
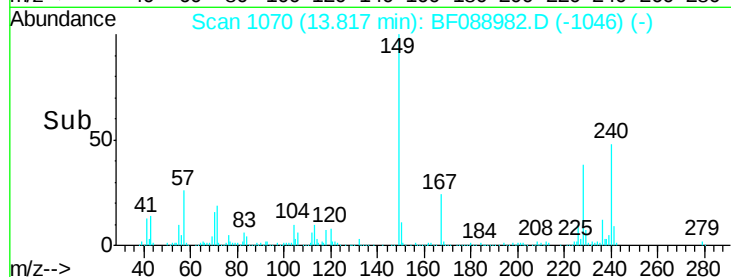
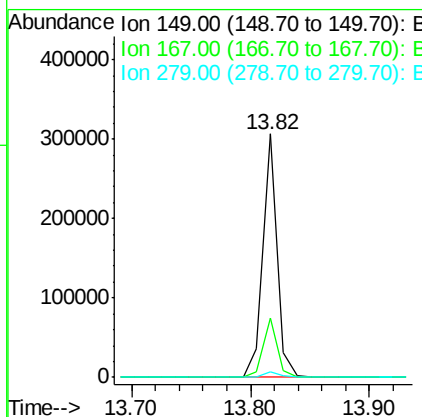
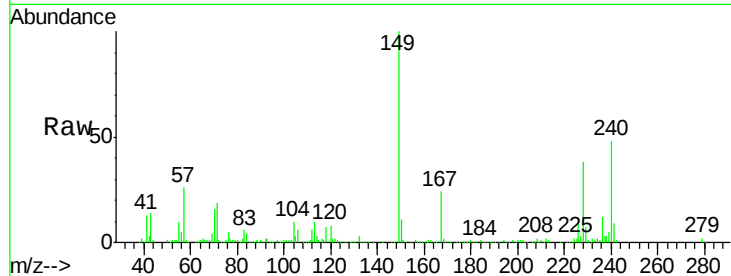
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.71 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.5	30.7
279	2.4	2.0	3.0

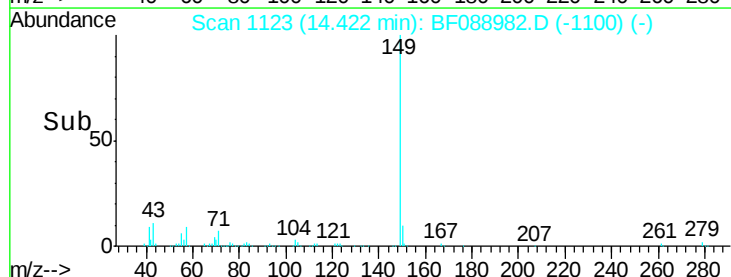
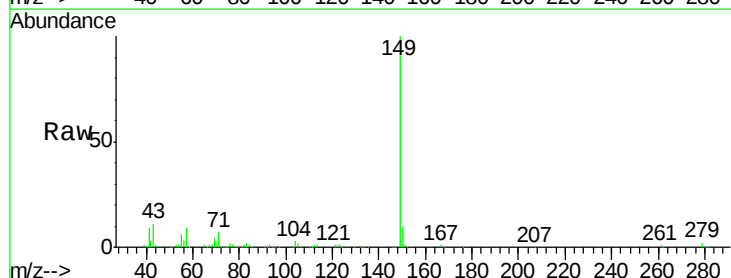
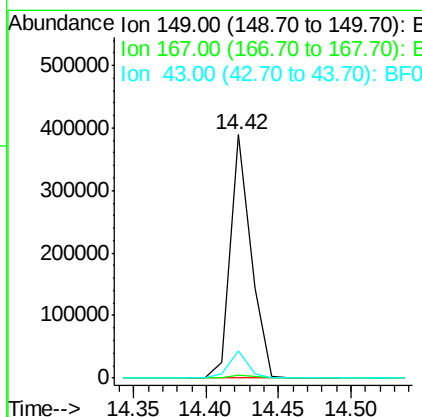
Manual Integrations

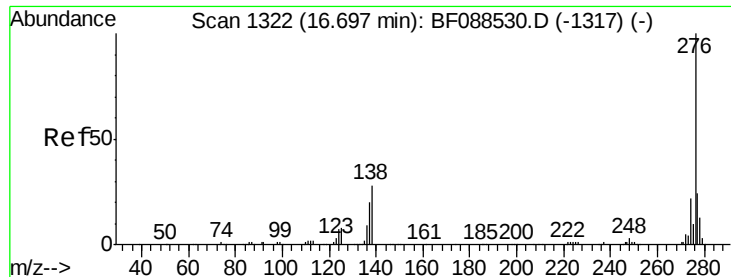
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#84
Di-n-octyl phthalate
Concen: 39.24 ng
RT: 14.42 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	10.3	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.24 ng

RT: 16.46 min Scan# 1301

Delta R.T. -0.05 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 244610

Ion Ratio Lower Upper

276 100

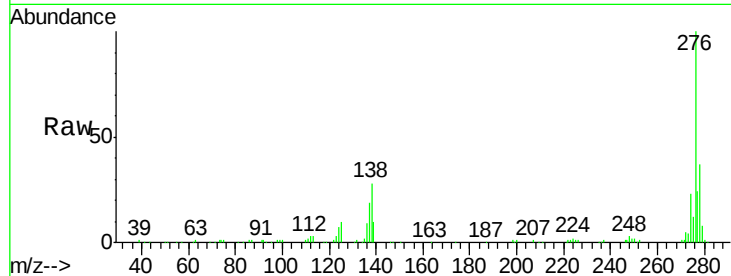
138 29.2 0.0 0.0#

277 25.7 0.0 0.0#

Manual Integrations

Sohil

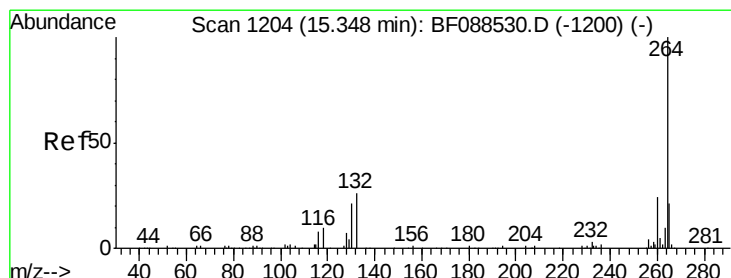
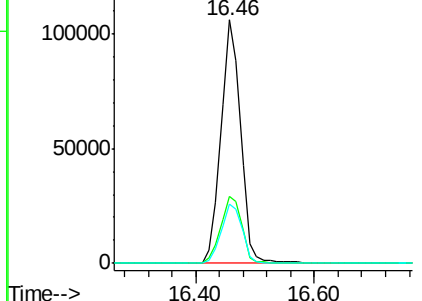
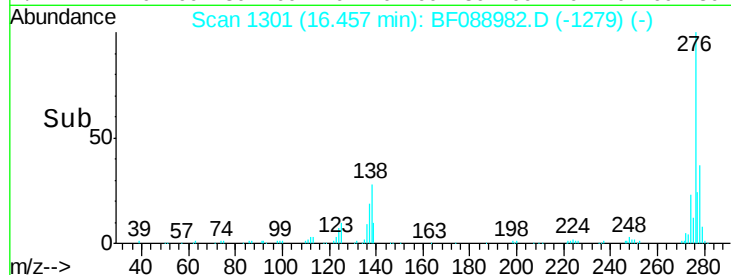
7/15/2016 9:16:18 AM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.18 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

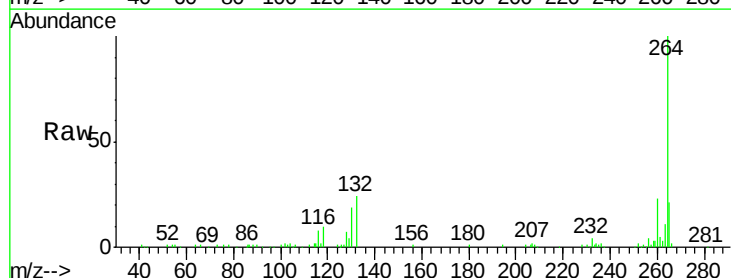
Tgt Ion:264 Resp: 107114

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

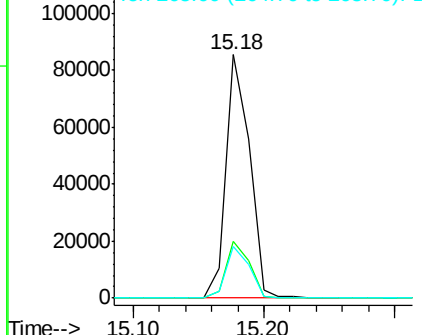
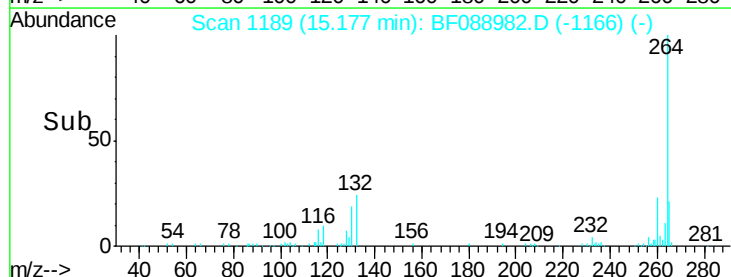
265 21.3 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.35 ng m

RT: 14.81 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 304739

Ion Ratio Lower Upper

252 100

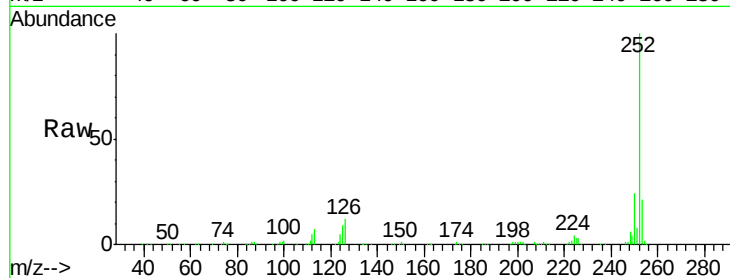
253 21.4 17.4 26.2

125 9.1 7.1 10.7

Manual Integrations

Sohil

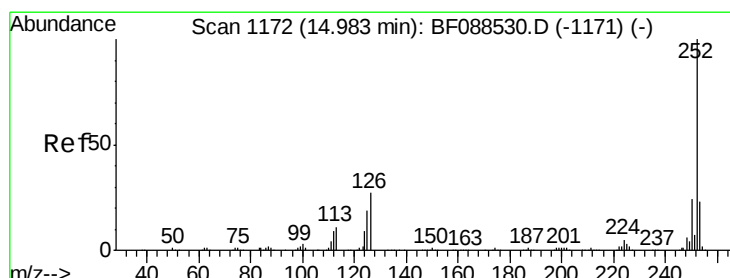
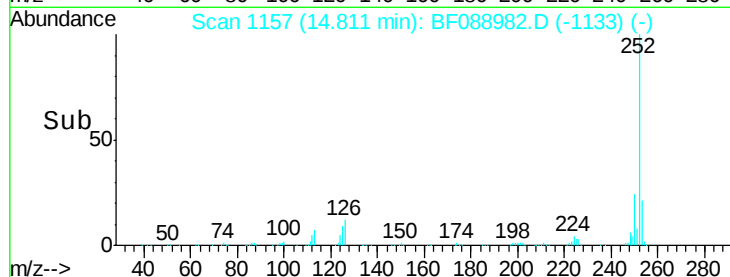
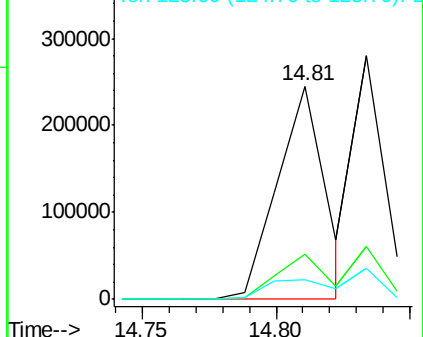
7/15/2016 9:16:18 AM



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: 39.30 ng m

RT: 14.83 min Scan# 1159

Delta R.T. -0.03 min

Lab File: BF088982.D

Acq: 14 Jul 2016 12:54

Tgt Ion:252 Resp: 229874

Ion Ratio Lower Upper

252 100

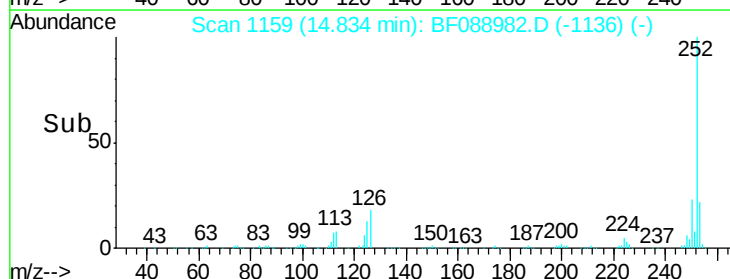
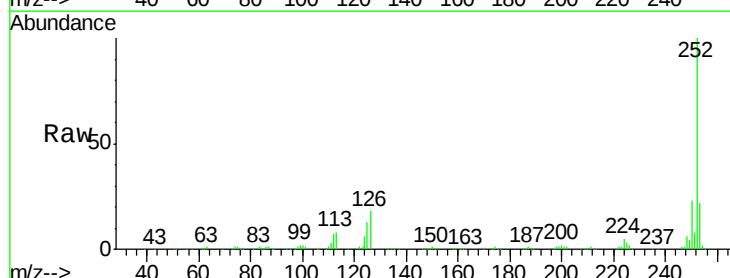
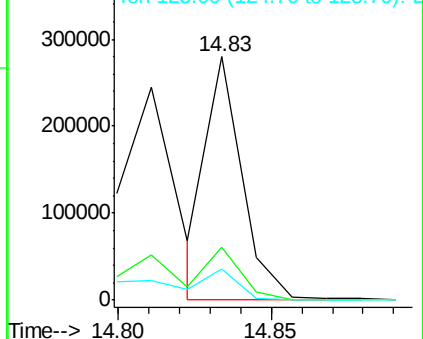
253 21.9 18.0 27.0

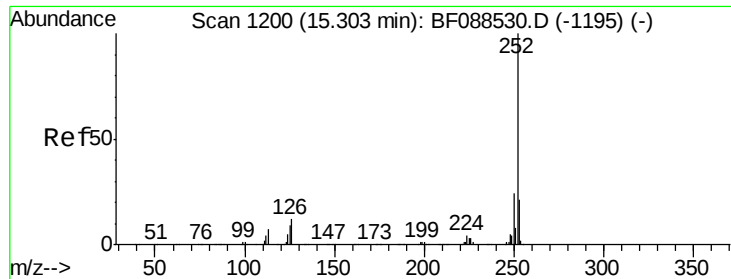
125 12.7 11.2 16.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





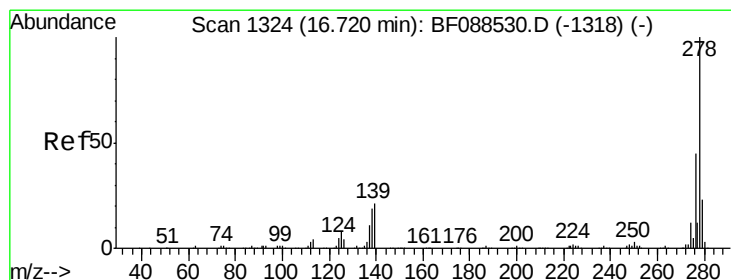
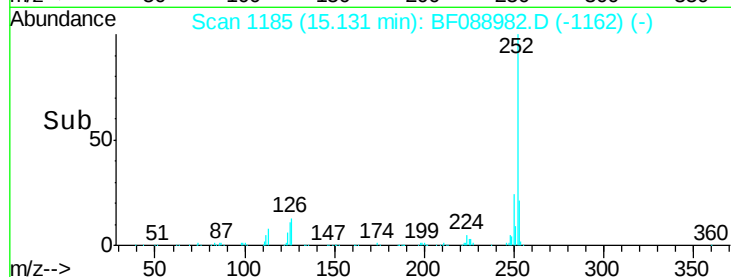
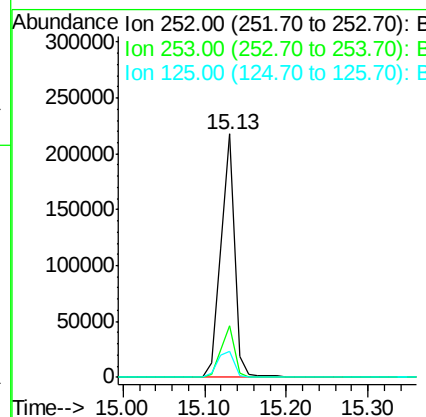
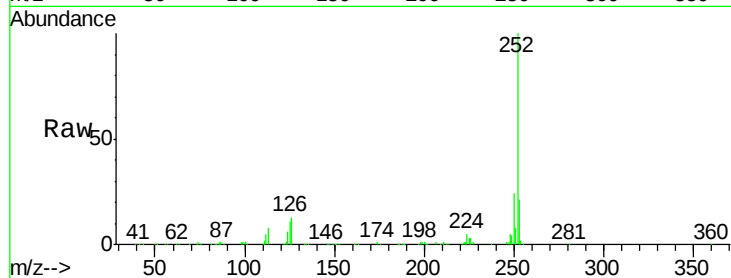
#89
Benzo(a)pyrene
Concen: 45.03 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.03 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	10.5	12.5	18.7#

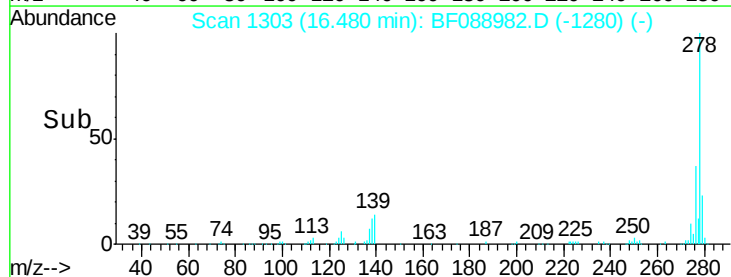
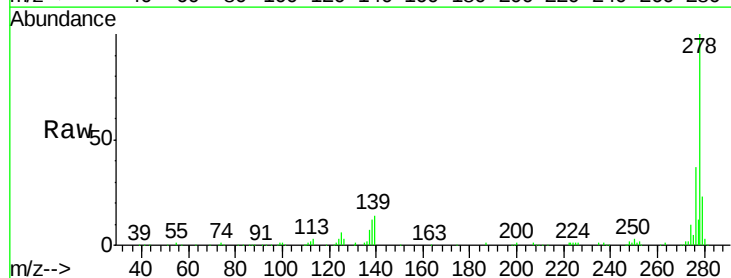
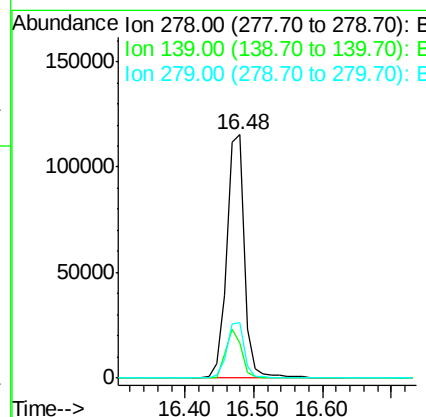
Manual Integrations

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7/15/2016 9:16:18 AM



#90
Dibenzo(a,h)anthracene
Concen: 44.72 ng
RT: 16.48 min Scan# 1303
Delta R.T. -0.03 min
Lab File: BF088982.D
Acq: 14 Jul 2016 12:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	15.7	23.5#
279	22.8	19.4	29.2





#91

Benzo(a,h,i)perylene

Concen: 43.12 ng

RT: 16.85 min Scan# 1335

Delta R.T. -0.05 min

Lab File: BF088982.D

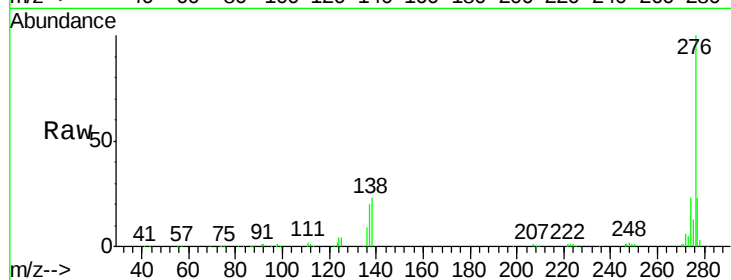
Acq: 14 Jul 2016 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tot Ion: 276 Resp: 211998

Ion Ratio Lower Upper

276 100

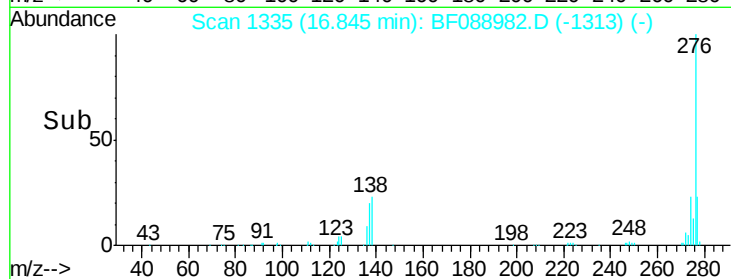
277 22.9 18.9 28.3

138 22.9 21.4 32.2

Manual Integrations

Sohil

7/15/2016 9:16:18 AM



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

100000 16.85

50000

0

Time-->