

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093456.D
 Acq On : 9 Mar 2017 5:20
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:12:44 AM

3/10/2017 8:12:44 AM

Quant Time: Mar 09 06:19:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	185775	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	756876	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	338217	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	455943	20.00	ng	0.01
75) Chrysene-d12	13.93	240	353552	20.00	ng	0.01
86) Perylene-d12	15.35	264	304107	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	950450	85.15	ng	0.00
7) Phenol-d6	6.42	99	1076273	76.46	ng	0.01
23) Nitrobenzene-d5	7.35	82	1117576	81.93	ng	0.01
41) 2,4,6-Tribromophenol	10.61	330	142395	64.62	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1396603	76.81	ng	0.00
78) Terphenyl-d14	12.87	244	1008760	74.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	254228	41.35	ng	87
3) Pyridine	2.96	79	688355	43.91	ng	89
4) n-Nitrosodimethylamine	2.92	42	326508	43.61	ng	84
6) Aniline	6.42	93	731901	37.89	ng	# 58
8) 2-Chlorophenol	6.56	128	487479	38.98	ng	92
9) Benzaldehyde	6.31	77	360594	43.38	ng	86
10) Phenol	6.44	94	704066	40.82	ng	97
11) bis(2-Chloroethyl)ether	6.50	93	521768	37.43	ng	92
12) 1,3-Dichlorobenzene	6.70	146	549674	38.40	ng	# 89
13) 1,4-Dichlorobenzene	6.78	146	576619	39.34	ng	99
14) 1,2-Dichlorobenzene	6.94	146	543469	41.87	ng	97
15) Benzyl Alcohol	6.93	79	392529	39.12	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	938048	40.51	ng	64
17) 2-Methylphenol	7.05	107	405343	38.32	ng	# 88
18) Hexachloroethane	7.27	117	177385	35.89	ng	# 85
19) n-Nitroso-di-n-propylamine	7.19	70	351658	36.34	ng	88
20) 3+4-Methylphenols	7.20	107	590767	43.06	ng	# 79
22) Acetophenone	7.19	105	702489	38.57	ng	# 98
24) Nitrobenzene	7.36	77	556162	36.28	ng	97
25) Isophorone	7.60	82	959565	34.88	ng	95
26) 2-Nitrophenol	7.68	139	225206	32.20	ng	97
27) 2,4-Dimethylphenol	7.73	122	424933	37.34	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	669330	38.54	ng	100
29) 2,4-Dichlorophenol	7.93	162	402143	37.57	ng	92
30) 1,2,4-Trichlorobenzene	8.00	180	427127	37.52	ng	95
31) Naphthalene	8.08	128	1435867	37.86	ng	99
32) Benzoic acid	7.86	122	116934	19.78	ng	98
33) 4-Chloroaniline	8.14	127	563572	36.61	ng	97
34) Hexachlorobutadiene	8.20	225	237885	40.57	ng	98
35) Caprolactam	8.52	113	122273	33.44	ng	# 23
36) 4-Chloro-3-methylphenol	8.64	107	385232	33.72	ng	91
37) 2-Methylnaphthalene	8.77	142	806509	33.42	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	388984	42.12	ng	98
40) Hexachlorocyclopentadiene	8.92	237	2026	12.82	ng	81

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 Operator : SJ/MA
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	225896	39.15	nq	95
43) 2,4,5-Trichlorophenol	9.11	196	234748	37.92	nq	93
45) 1,1'-Biphenyl	9.24	154	1039179	42.18	nq	98
46) 2-Chloronaphthalene	9.26	162	762319	40.42	nq	96
47) 2-Nitroaniline	9.37	65	290012	43.50	nq	# 79
48) Acenaphthylene	9.67	152	1160731	37.32	nq	99
49) Dimethylphthalate	9.53	163	888743	39.64	nq	98
50) 2,6-Dinitrotoluene	9.61	165	200332	40.72	nq	# 89
51) Acenaphthene	9.84	154	678402	36.88	nq	96
52) 3-Nitroaniline	9.78	138	248638	42.06	nq	89
54) Dibenzofuran	10.01	168	914971	39.74	nq	97
55) 4-Nitrophenol	9.98	139	61020m	21.25	nq	
56) 2,4-Dinitrotoluene	10.02	165	204529	33.84	nq	# 72
57) Fluorene	10.36	166	756533	38.78	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	137649	31.50	nq	98
59) Diethylphthalate	10.23	149	809907	37.79	nq	100
60) 4-Chlorophenyl-phenylether	10.34	204	340778	38.97	nq	95
61) 4-Nitroaniline	10.39	138	220385	36.46	nq	94
62) Azobenzene	10.50	77	875056	35.94	nq	95
64) 4,6-Dinitro-2-methylphenol	10.44	198	8014	2.71	nq	# 1
65) n-Nitrosodiphenylamine	10.47	169	666967	43.81	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	200076	41.50	nq	94
67) Hexachlorobenzene	10.90	284	174294	37.86	nq	# 83
68) Atrazine	11.00	200	160264	35.97	nq	98
69) Pentachlorophenol	11.11	266	57786	36.35	nq	95
70) Phenanthrene	11.32	178	971809	37.34	nq	98
71) Anthracene	11.37	178	1026821	39.00	nq	98
72) Carbazole	11.53	167	995257	40.24	nq	98
73) Di-n-butylphthalate	11.85	149	1174117	41.04	nq	97
74) Fluoranthene	12.51	202	847924	33.73	nq	97
76) Benzidine	12.63	184	427753	36.79	nq	99
77) Pyrene	12.73	202	884273	34.39	nq	99
79) Butylbenzylphthalate	13.35	149	411309	38.00	nq	# 81
80) Benzo(a)anthracene	13.92	228	820679	39.31	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	329210	45.02	nq	# 96
82) Chrysene	13.96	228	779932	40.38	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	574114	38.05	nq	100
84) Di-n-octyl phthalate	14.52	149	1049496	41.74	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	599841	37.10	nq	# 94
87) Benzo(b)fluoranthene	14.95	252	771071m	41.63	nq	
88) Benzo(k)fluoranthene	14.97	252	704872m	39.46	nq	
89) Benzo(a)pyrene	15.29	252	684553	40.44	nq	98
90) Dibenzo(a,h)anthracene	16.73	278	522942	37.34	nq	97
91) Benzo(g,h,i)perylene	17.15	276	505302	35.16	nq	# 93

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

```
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Acq On    : 9 Mar 2017    5:20  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

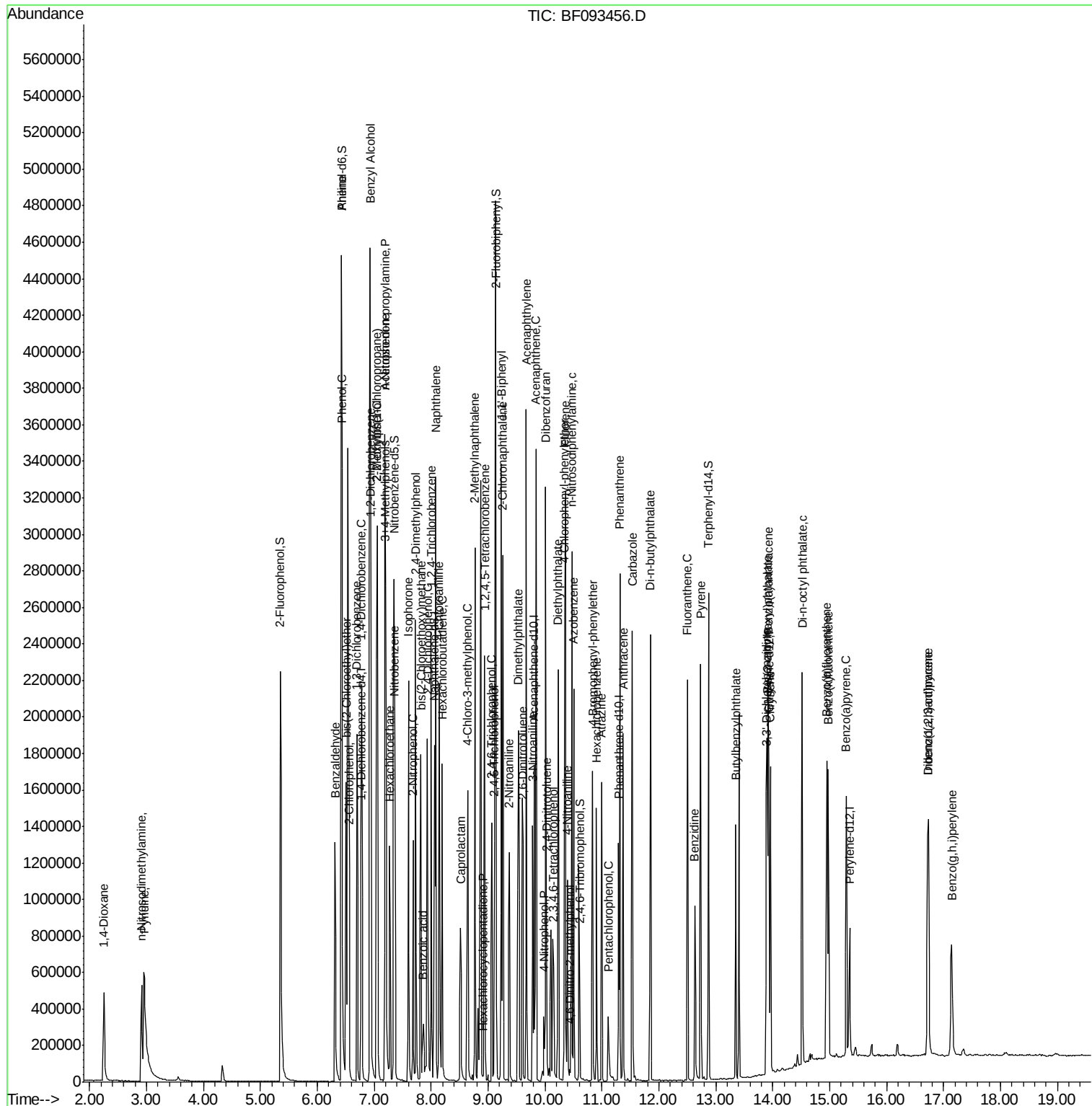
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

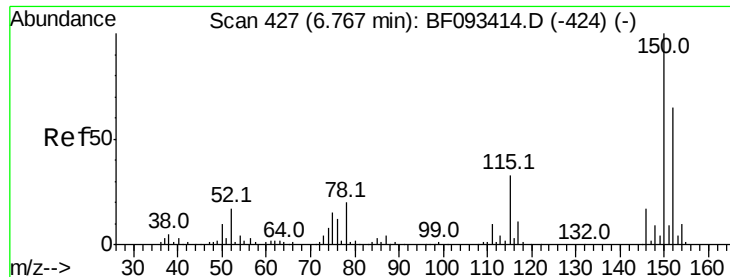
Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

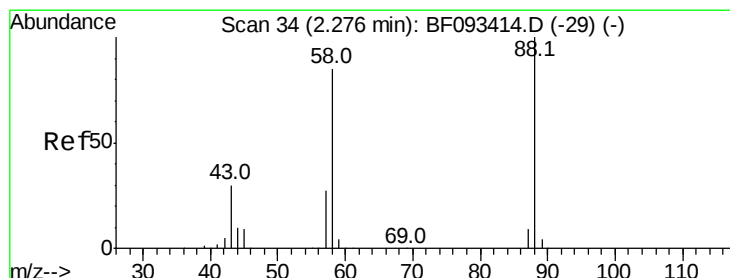
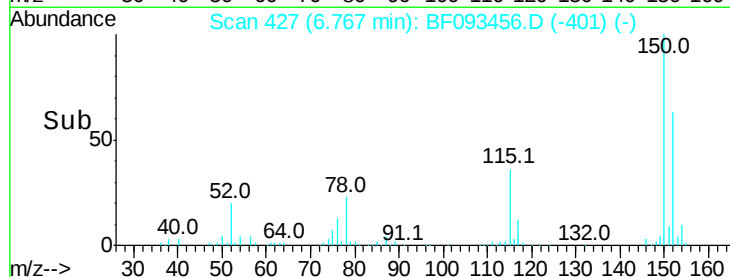
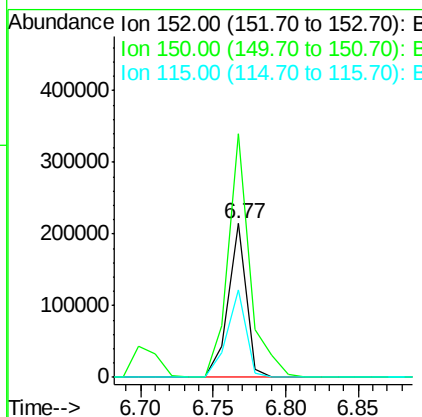
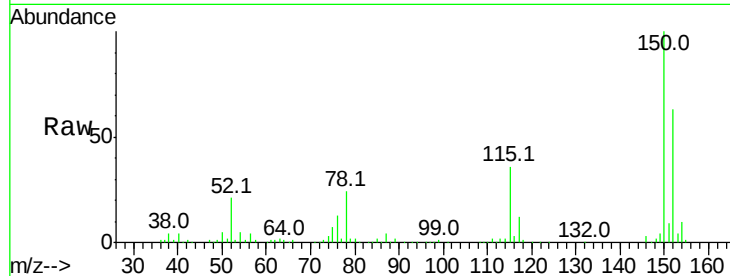
SSTDCCC040

Tot Ion:	152	Resp:	185775
Ion Ratio	Lower	Upper	
152	100		
150	158.4	124.9	187.3
115	56.8	46.0	69.0

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#2

1,4-Dioxane

Concen: 41.35 ng

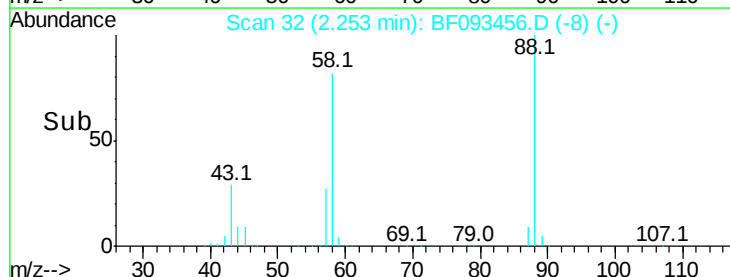
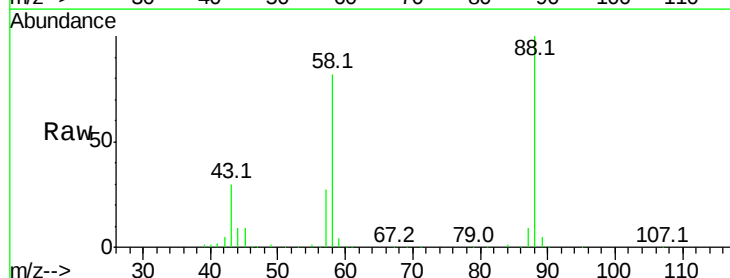
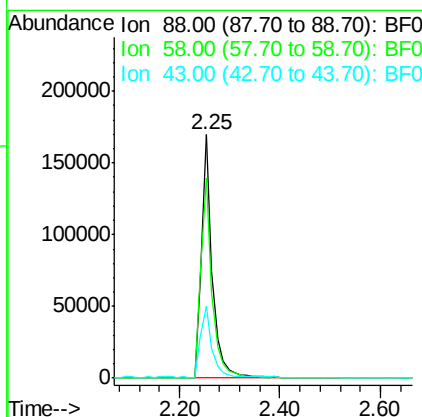
RT: 2.25 min Scan# 32

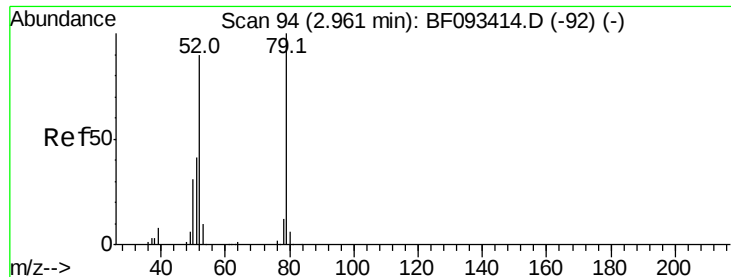
Delta R.T. -0.02 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Tgt Ion:	88	Resp:	254228
Ion Ratio	Lower	Upper	
88	100		
58	85.7	57.8	86.8
43	31.2	22.3	33.5





#3

Pvridine

Concen: 43.91 ng

RT: 2.96 min Scan# 94

Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

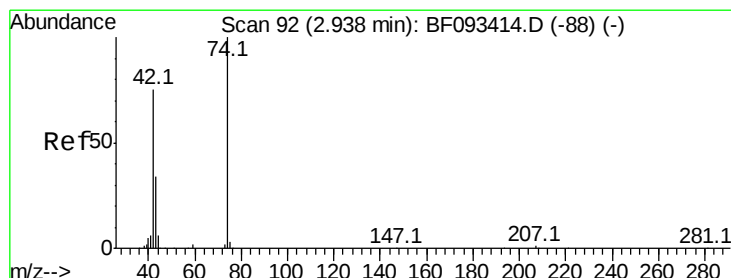
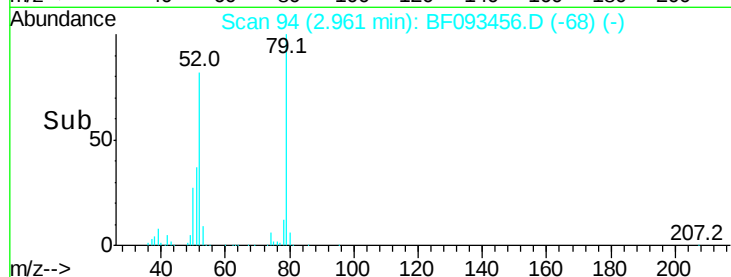
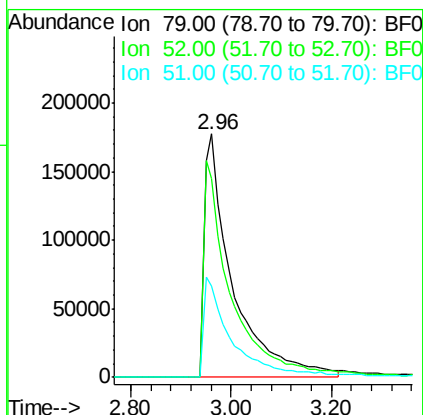
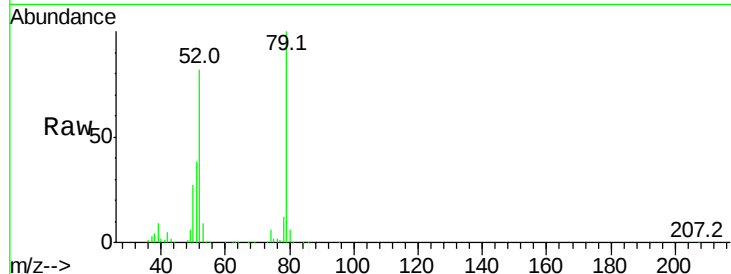
SSTDCCC040

Tot Ion:	79	Resp:	688355
Ion Ratio	Lower	Upper	
79	100		
52	81.9	57.1	85.7
51	37.7	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.61 ng

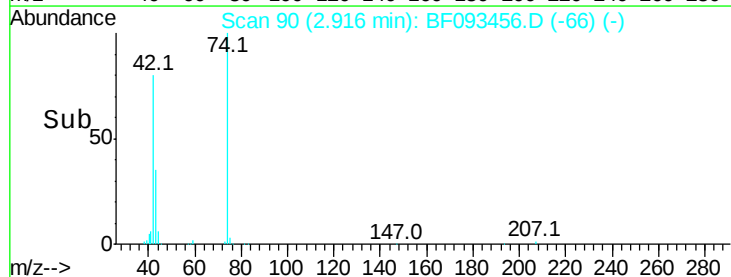
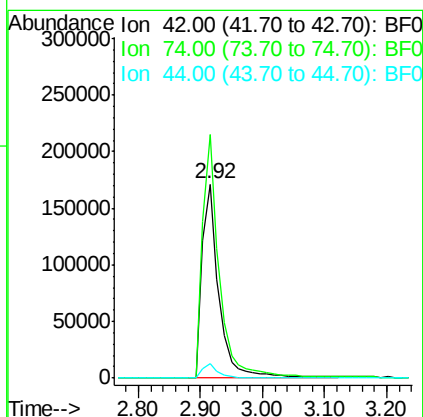
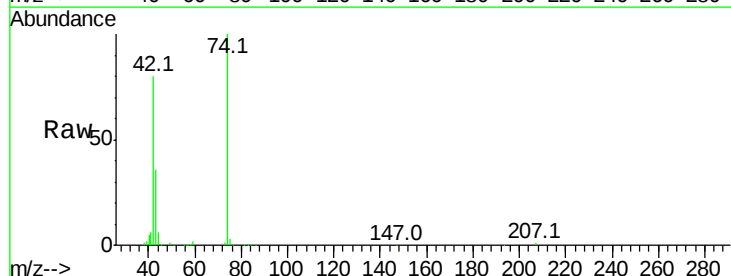
RT: 2.92 min Scan# 90

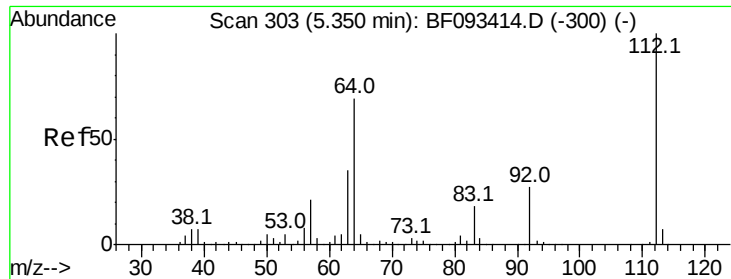
Delta R.T. -0.02 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Tgt Ion:	42	Resp:	326508
Ion Ratio	Lower	Upper	
42	100		
74	125.6	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 85.15 ng

RT: 5.35 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 950450
Ion Ratio Lower Upper

112 100

64 74.9 46.1 69.1#

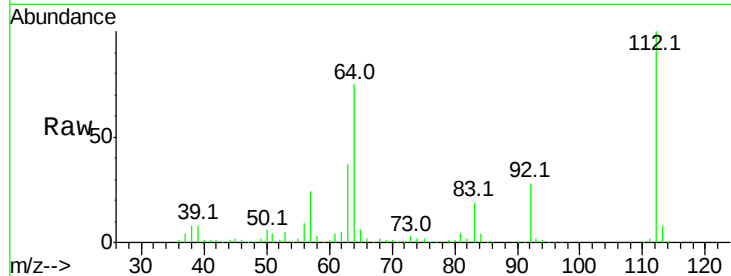
63 37.0 23.8 35.6#

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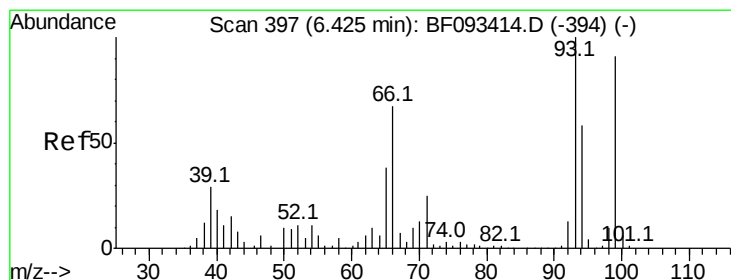
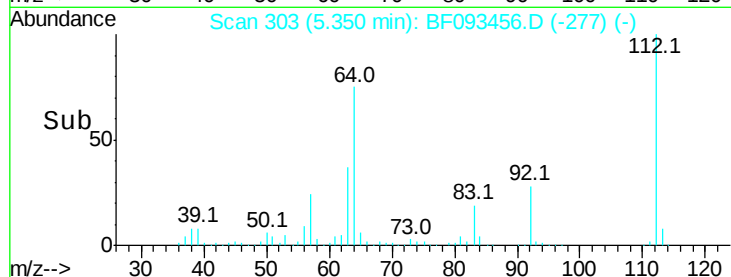
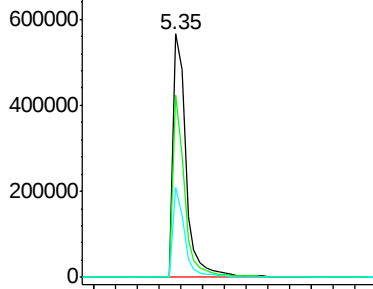
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.89 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF093456.D

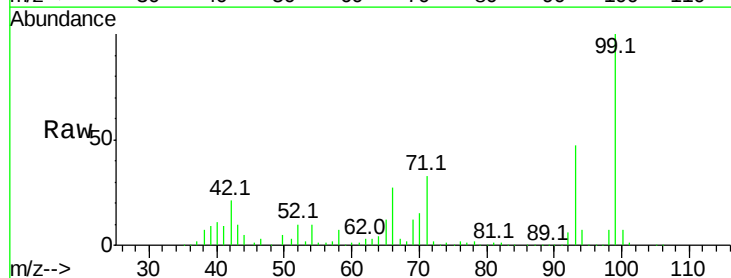
Acq: 9 Mar 2017 5:20

Tgt Ion: 93 Resp: 731901
Ion Ratio Lower Upper

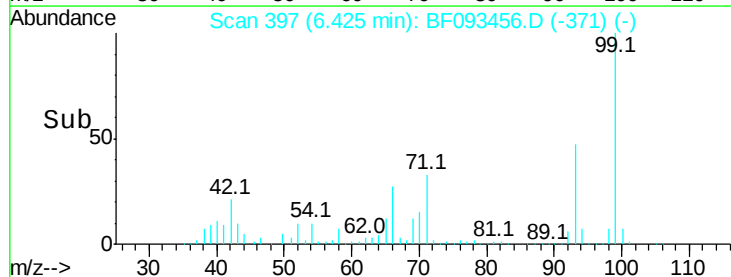
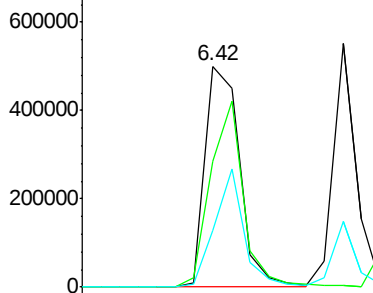
93 100

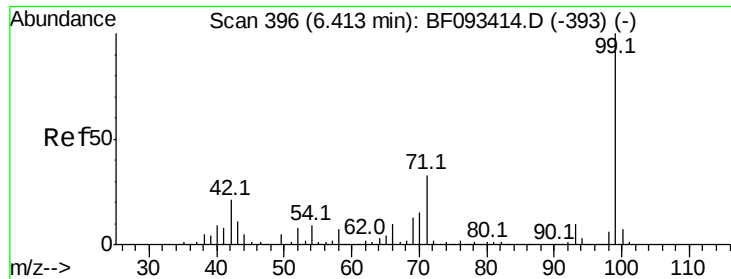
66 57.2 76.2 114.2#

65 25.5 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.46 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1076273

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

71 32.7 27.5 41.3

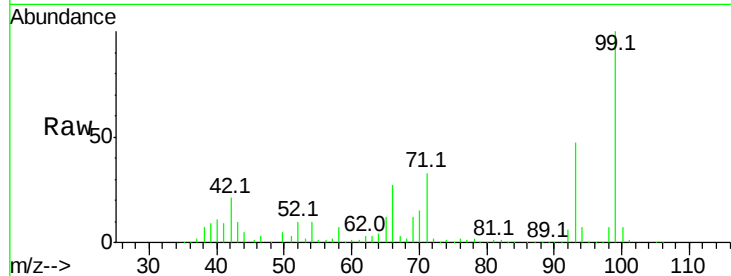
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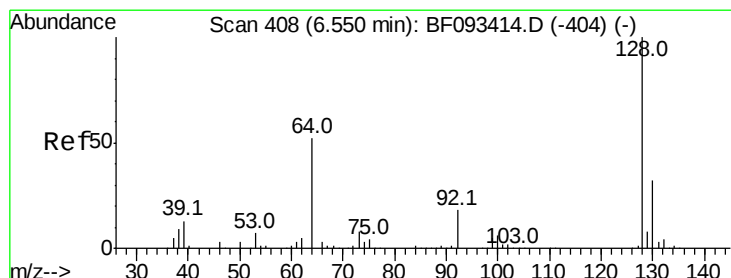
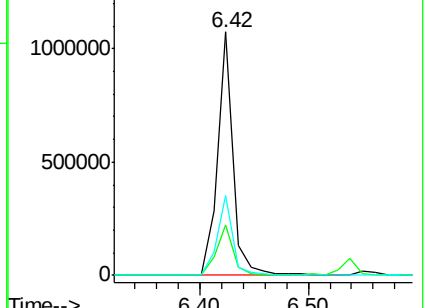
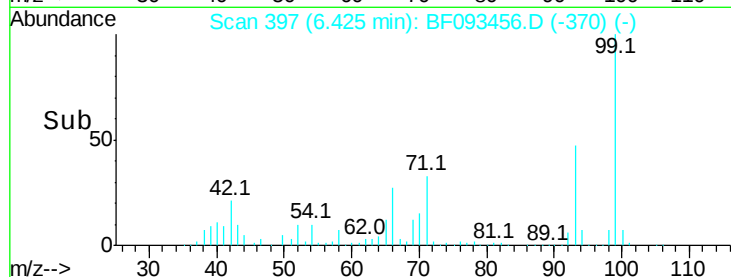
3/10/2017 8:12:44 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.98 ng

RT: 6.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

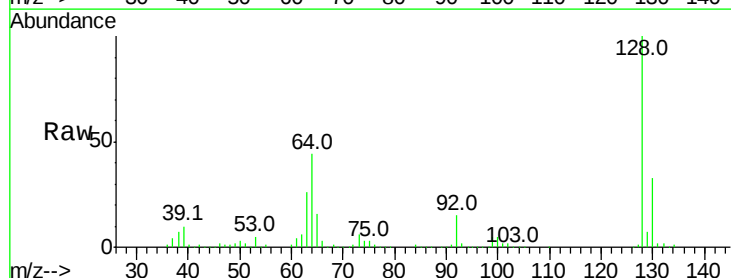
Tgt Ion: 128 Resp: 487479

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

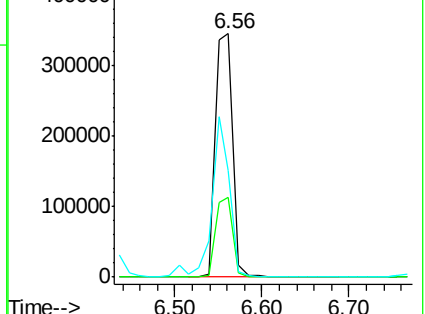
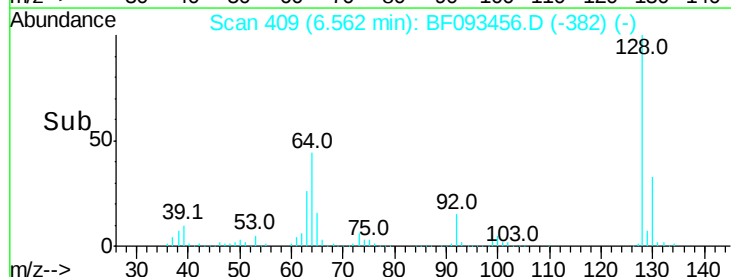
64 43.8 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9
Benzaldehyde
Concen: 43.38 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

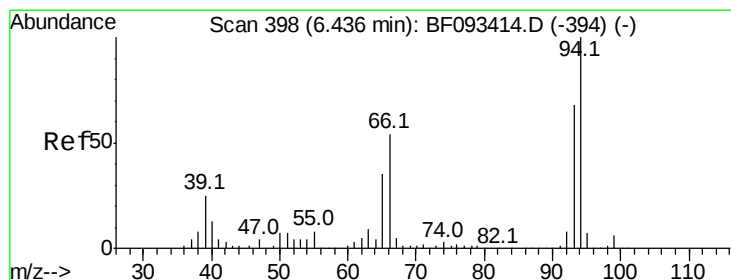
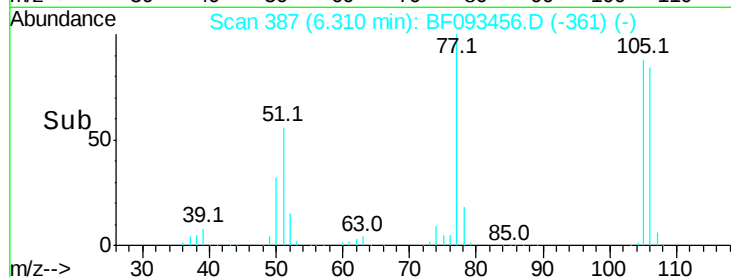
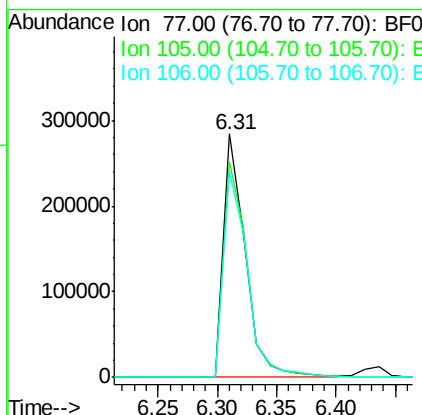
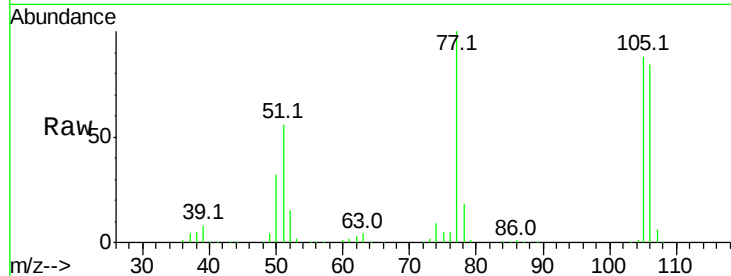
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 360594
Ion Ratio Lower Upper
77 100
105 88.4 83.9 123.9
106 84.3 77.6 117.6

Manual Integrations
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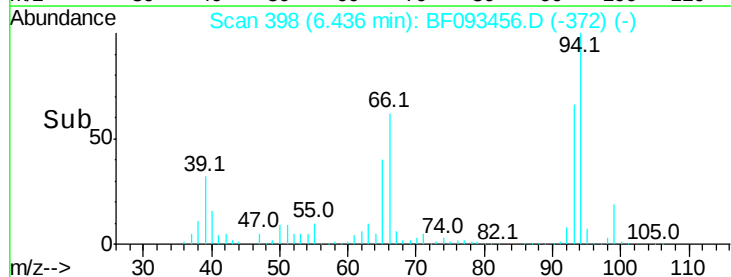
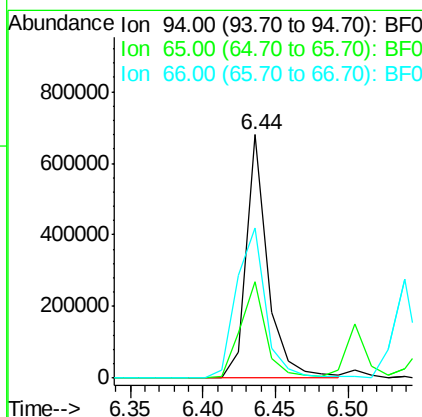
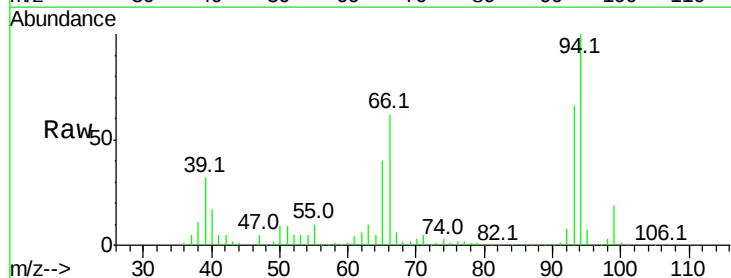
mohammad
3/10/2017 8:12:44 AM

3/10/2017 8:12:44 AM



#10
Phenol
Concen: 40.82 ng
RT: 6.44 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion: 94 Resp: 704066
Ion Ratio Lower Upper
94 100
65 39.5 21.4 61.4
66 61.8 44.0 84.0





#11
bis(2-Chloroethyl)ether
Concen: 37.43 ng
RT: 6.50 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

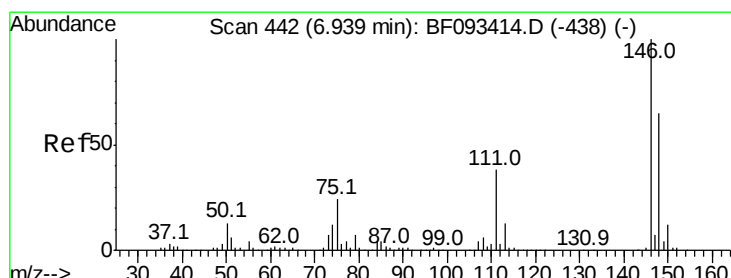
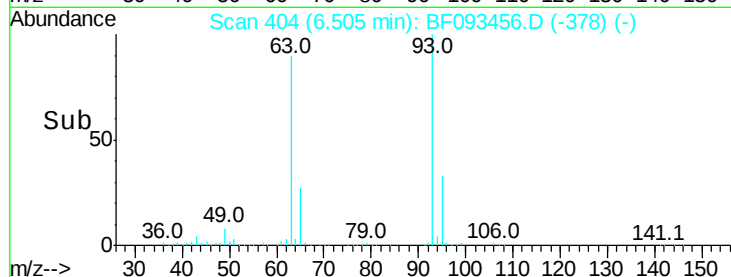
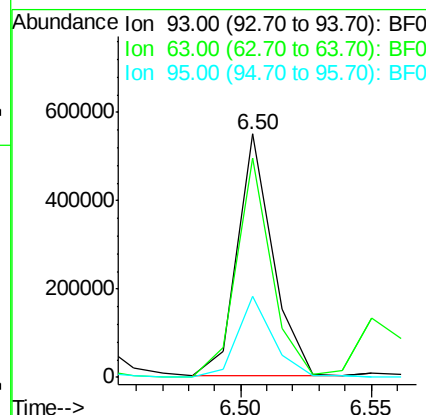
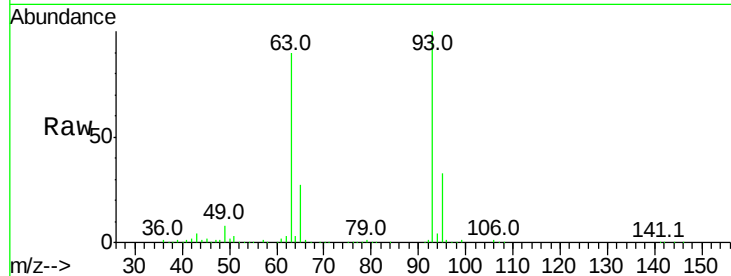
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	60.4	100.4
95	33.1	12.8	52.8

Manual Integrations
APPROVED

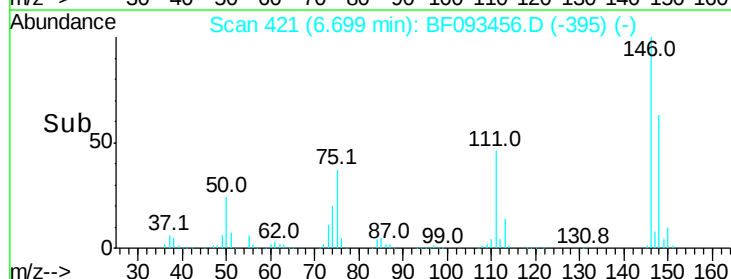
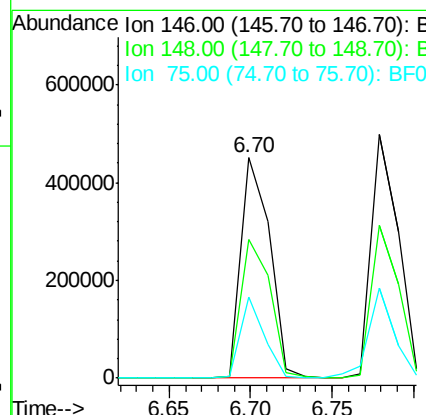
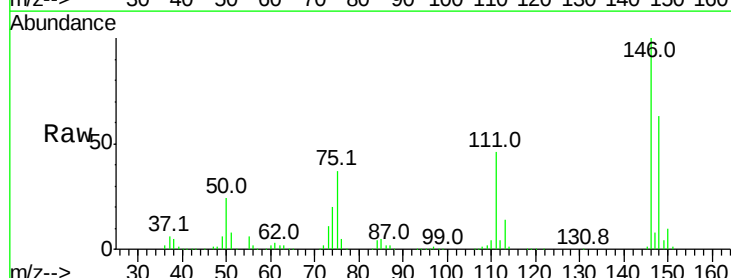
mohammad
3/10/2017 8:12:44 AM

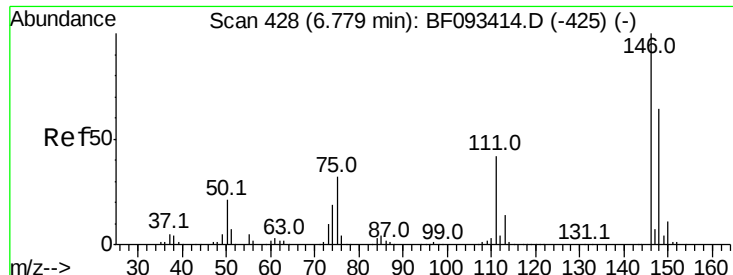
3/10/2017 8:12:44 AM



#12
1,3-Dichlorobenzene
Concen: 38.40 ng
RT: 6.70 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.4	80.0
75	36.5	18.5	27.7#





#13
 1,4-Dichlorobenzene
 Concen: 39.34 ng
 RT: 6.78 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

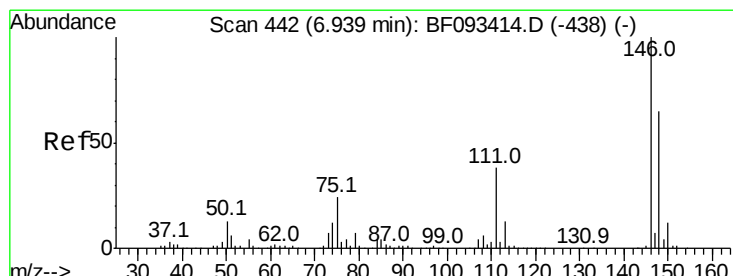
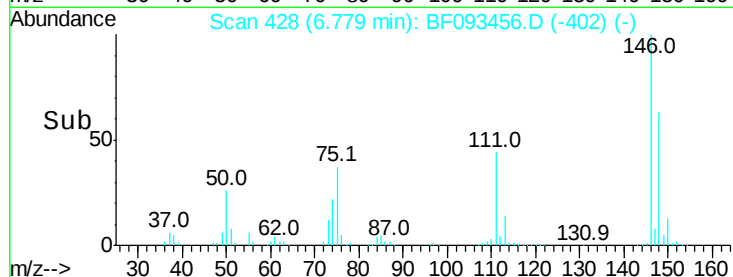
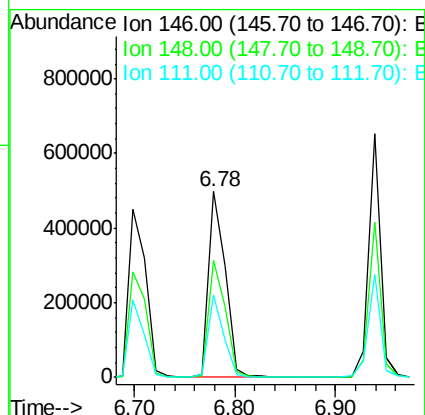
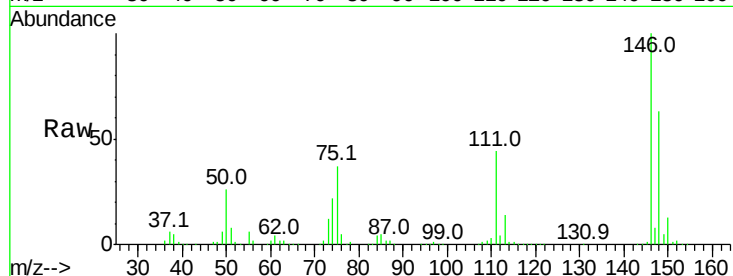
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
111	44.4	36.2	54.4

Manual Integrations
 APPROVED

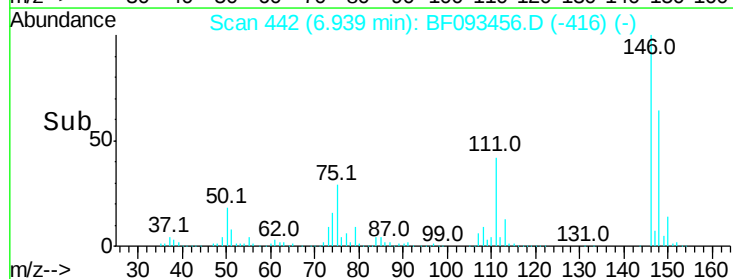
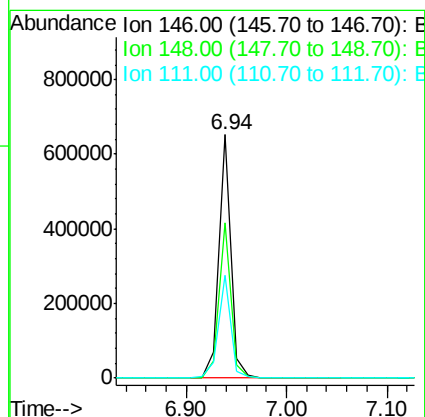
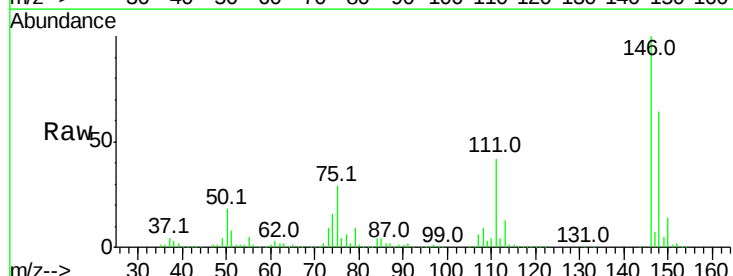
mohammad
 3/10/2017 8:12:44 AM

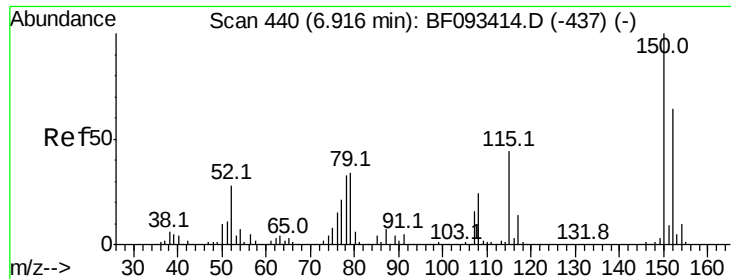
3/10/2017 8:12:44 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.87 ng
 RT: 6.94 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	42.2	36.2	54.2





#15
Benzyl Alcohol
Concen: 39.12 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

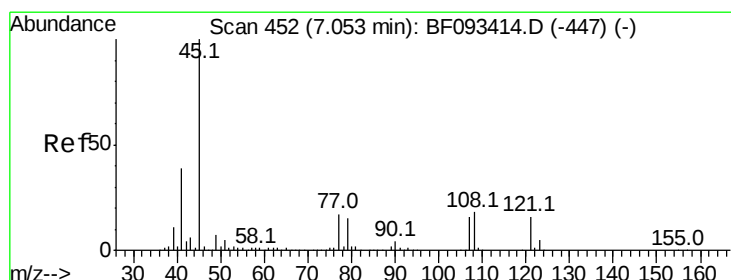
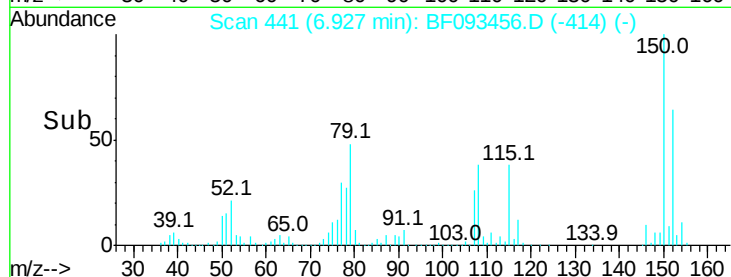
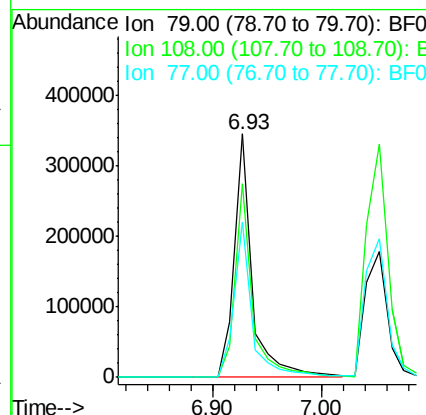
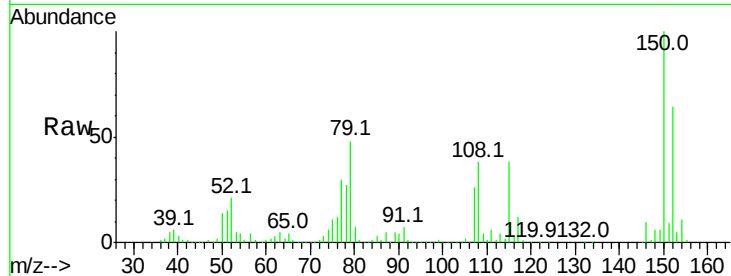
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.5	61.4	92.0	
77	63.7	50.9	76.3	

Manual Integrations
APPROVED

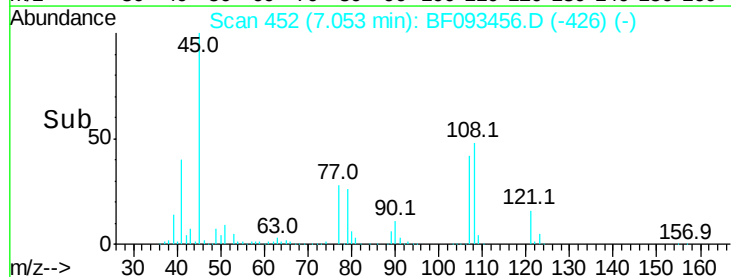
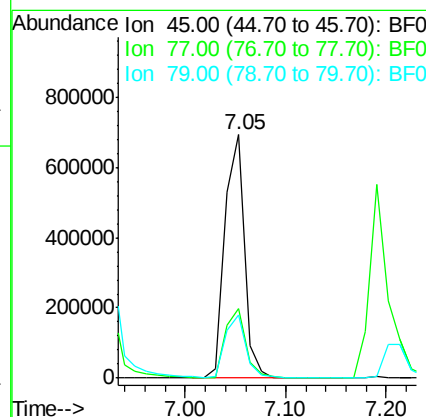
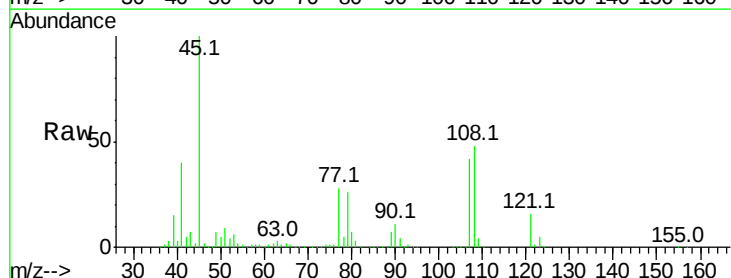
mohammad
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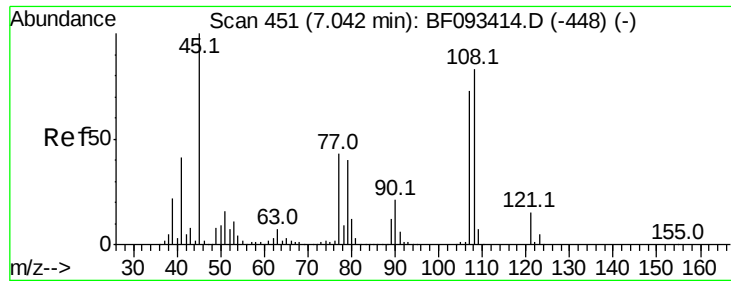
3/10/2017 8:12:44 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.51 ng
RT: 7.05 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	28.4	0.0	34.6	
79	25.9	0.0	31.2	





#17
2-Methylphenol
Concen: 38.32 ng
RT: 7.05 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

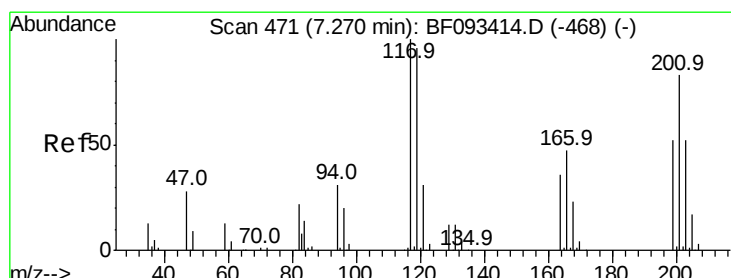
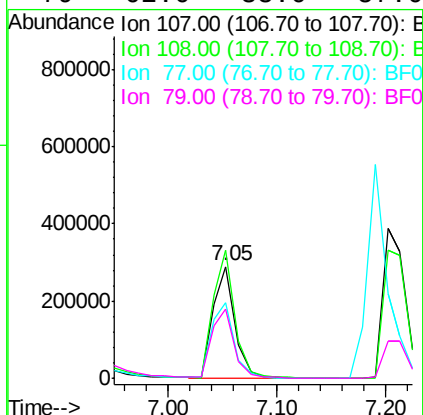
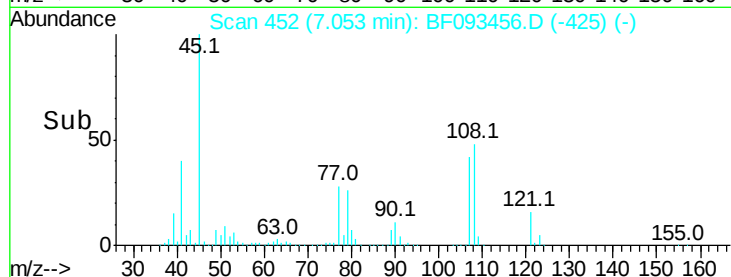
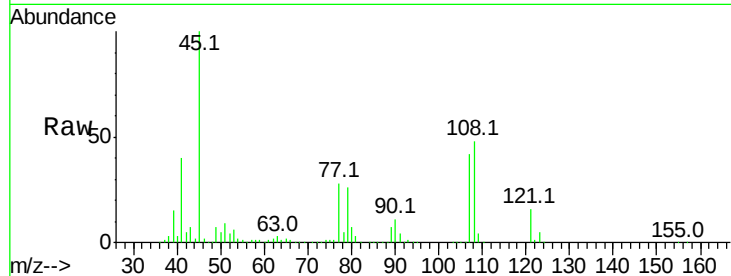
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.0	139.6
77	67.9	39.8	59.8#
79	62.0	38.0	57.0#

Manual Integrations
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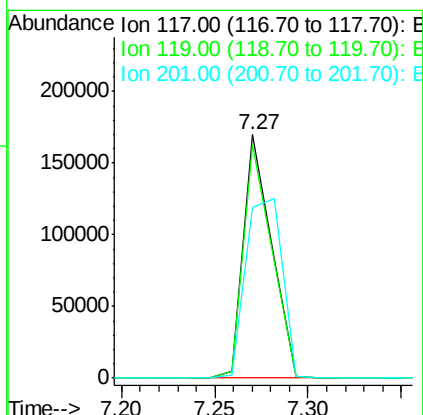
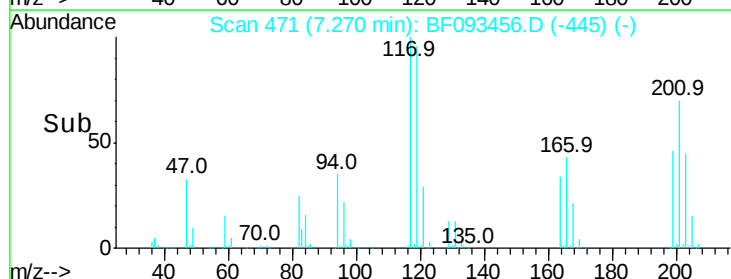
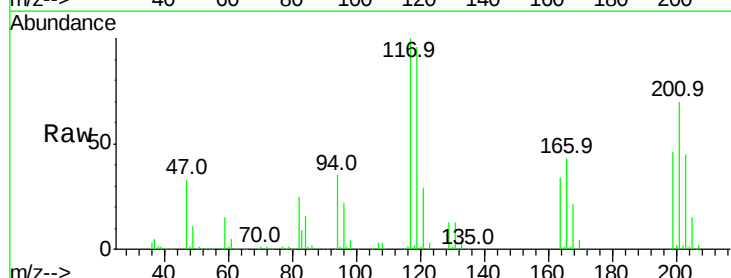
mohammad
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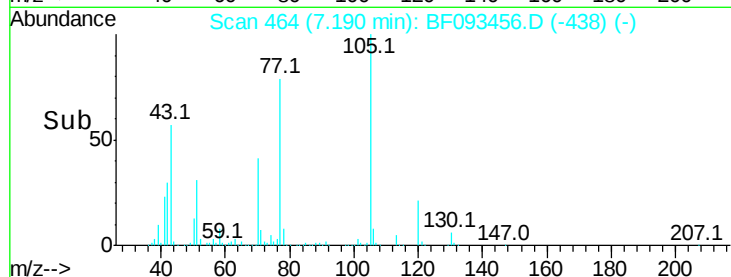
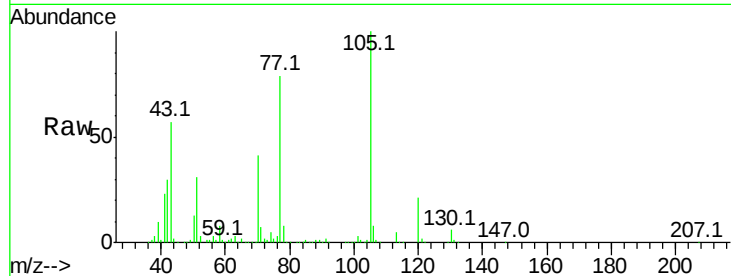
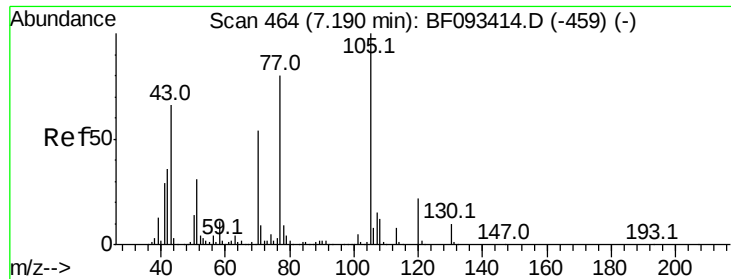
3/10/2017 8:12:44 AM



#18
Hexachloroethane
Concen: 35.89 ng
RT: 7.27 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
201	69.9	78.6	117.8#





#19
n-Nitroso-di-n-propylamine
Concen: 36.34 ng
RT: 7.19 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

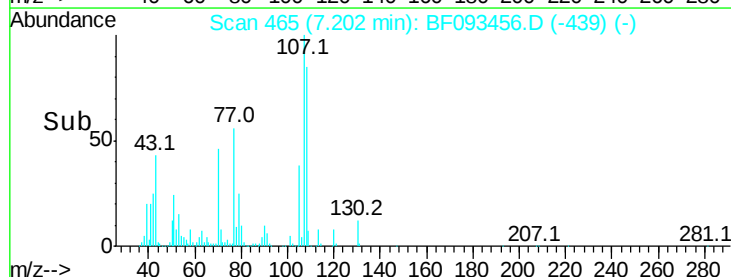
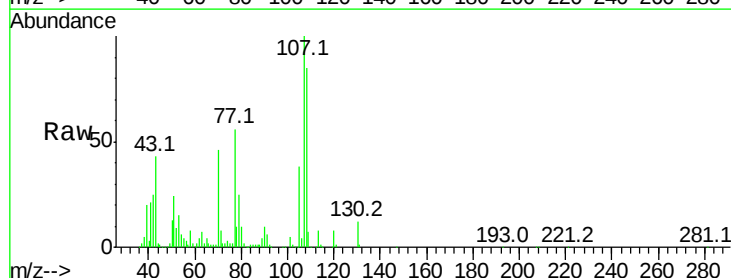
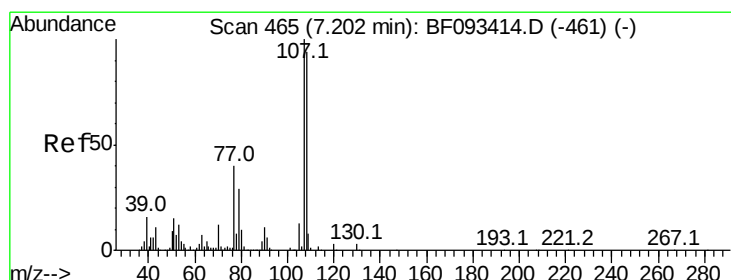
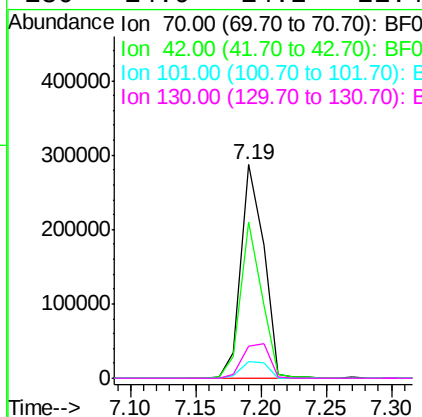
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.0	49.4	74.0
101	7.9	7.4	11.2
130	14.9	14.2	21.4

Manual Integrations
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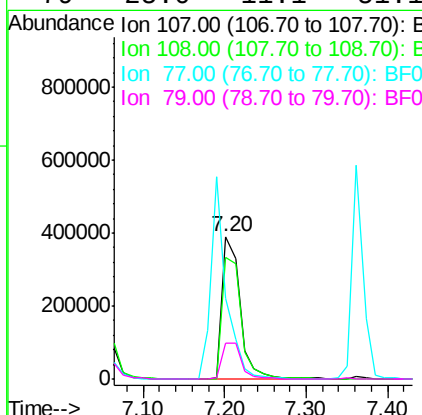
mohammad
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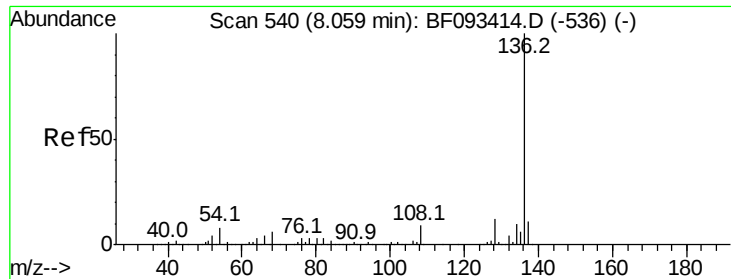
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#20
3+4-Methylphenols
Concen: 43.06 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	73.0	113.0
77	56.4	71.3	111.3#
79	25.0	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 756876
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 9.3 4.5 6.7#

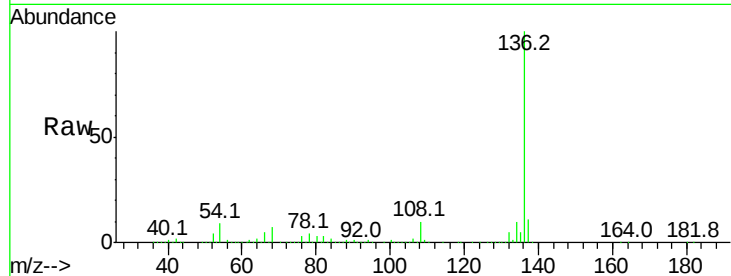
68 6.6 3.6 5.4#

Manual Integrations
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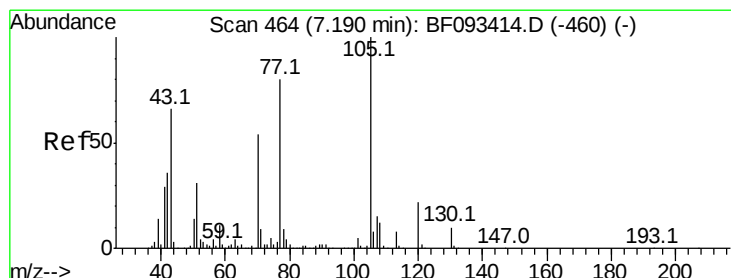
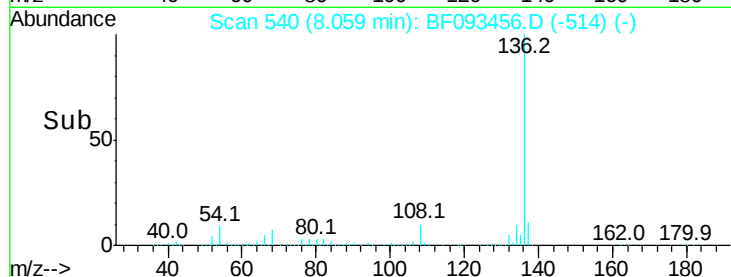
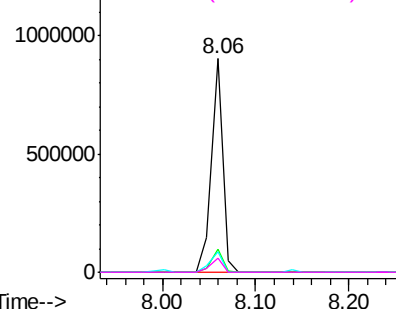
mohammad

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.57 ng

RT: 7.19 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Tgt Ion:105 Resp: 702489
Ion Ratio Lower Upper

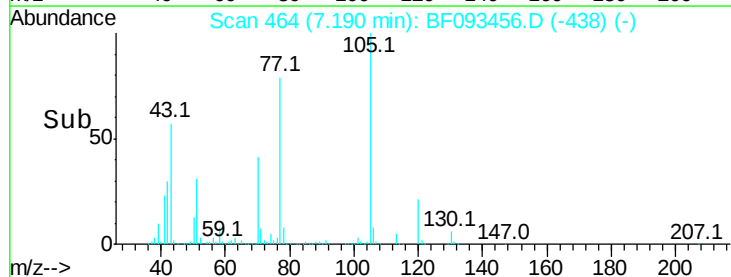
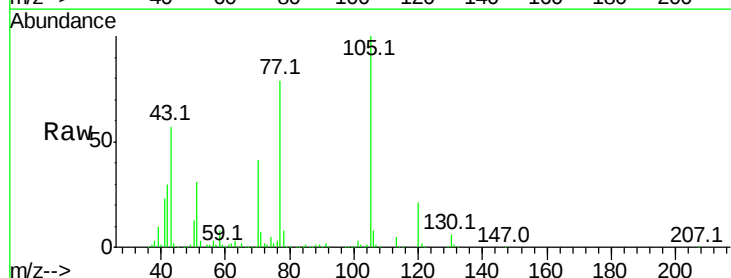
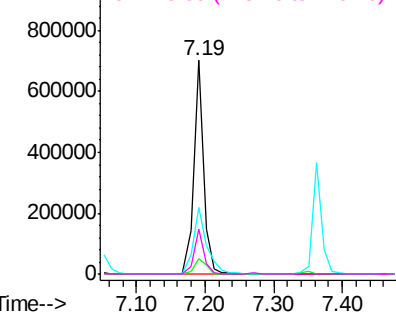
105 100

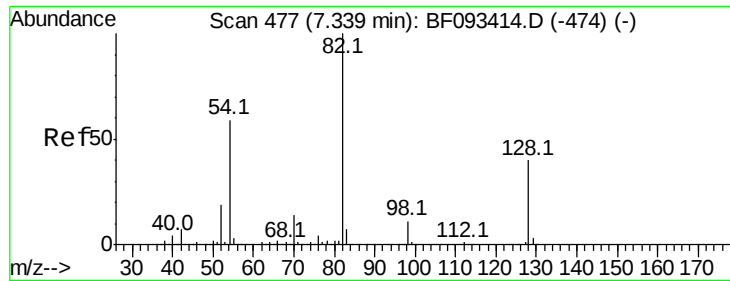
71 7.0 3.2 4.8#

51 31.3 26.2 39.4

120 20.9 16.6 24.8

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23
Nitrobenzene-d5
Concen: 81.93 ng
RT: 7.35 min Scan# 478
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

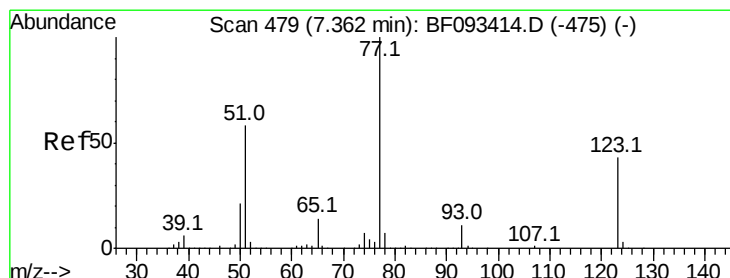
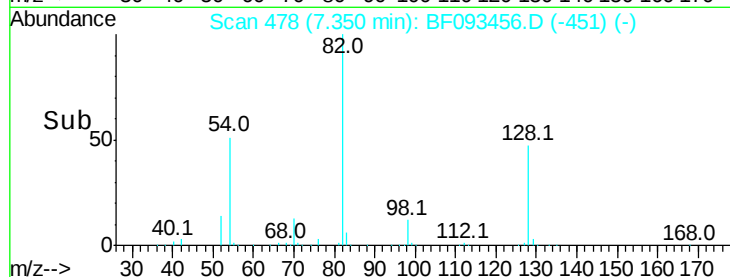
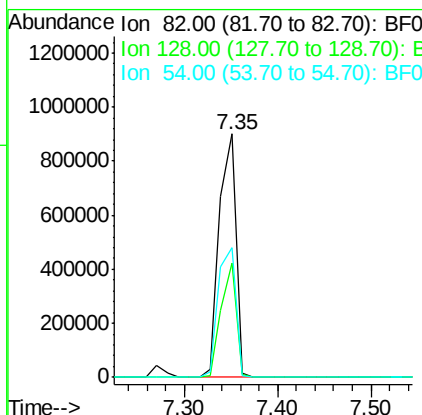
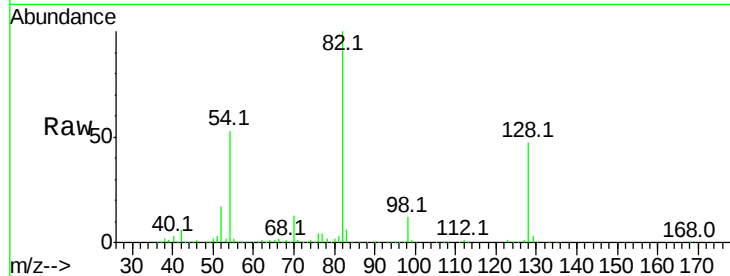
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1117576
Ion Ratio Lower Upper
82 100
128 46.8 34.6 52.0
54 53.1 39.5 59.3

Manual Integrations
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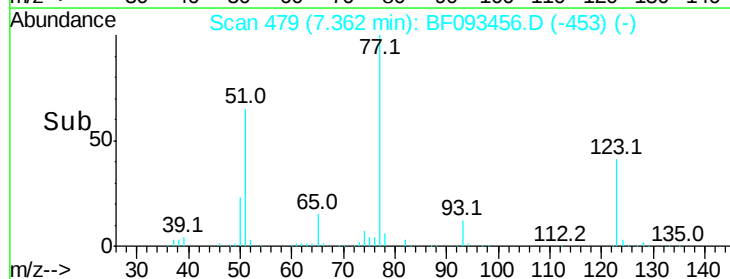
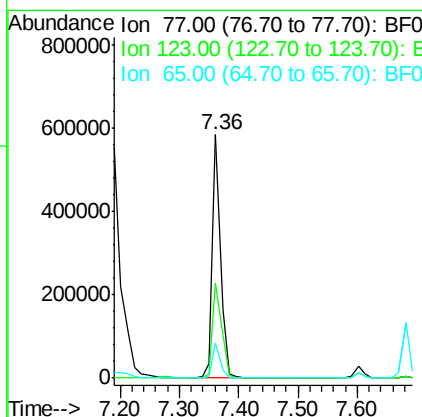
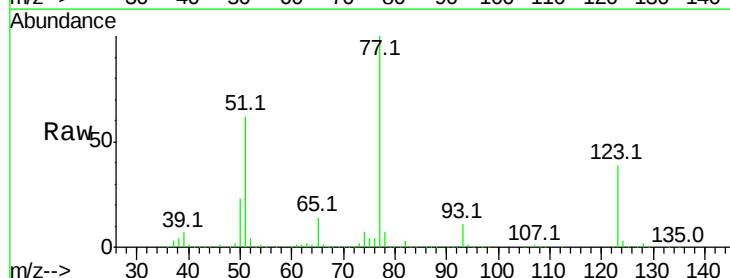
mohammad
3/10/2017 8:12:44 AM

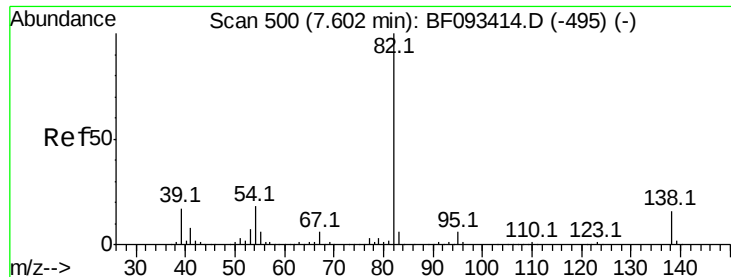
3/10/2017 8:12:44 AM



#24
Nitrobenzene
Concen: 36.28 ng
RT: 7.36 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion: 77 Resp: 556162
Ion Ratio Lower Upper
77 100
123 39.2 33.0 49.4
65 14.4 11.2 16.8





#25

Isophorone

Concen: 34.88 ng

RT: 7.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

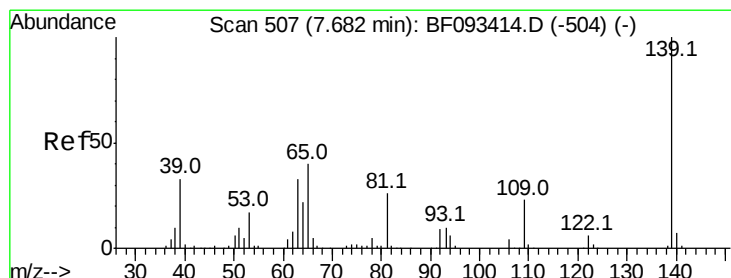
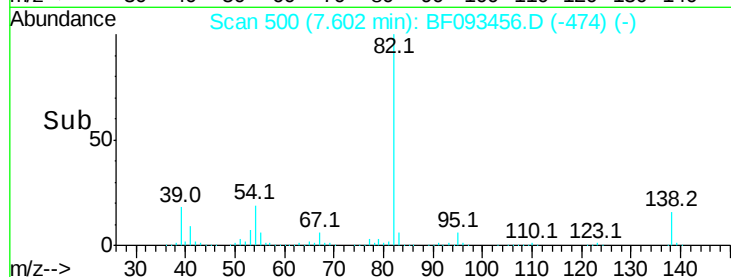
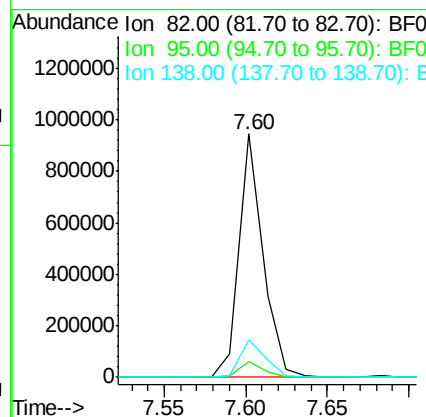
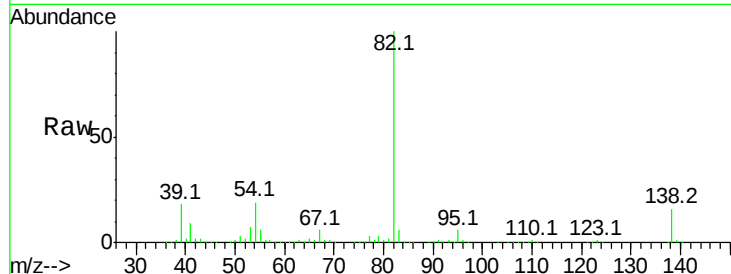
SSTDCCC040

Tot Ion:	82	Resp:	959565
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	15.6	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.20 ng

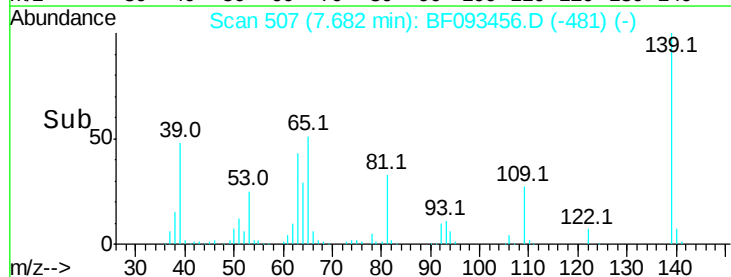
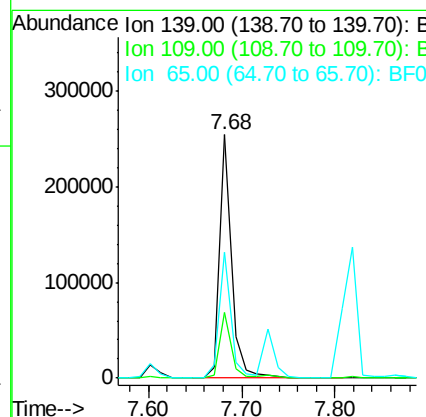
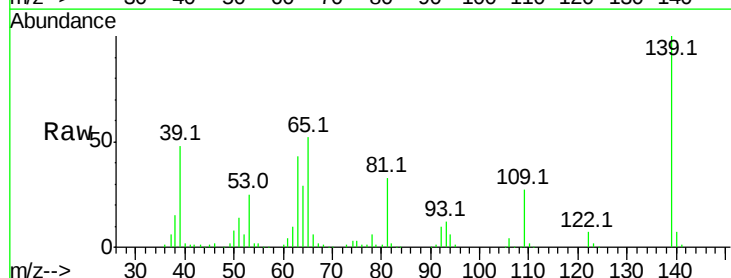
RT: 7.68 min Scan# 507

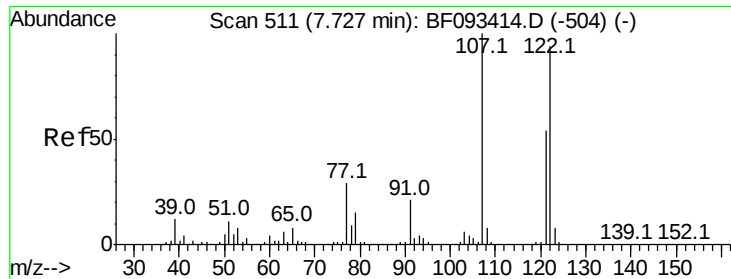
Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Tgt Ion:	139	Resp:	225206
Ion Ratio	Lower	Upper	
139	100		
109	26.8	23.3	34.9
65	51.9	42.7	64.1





#27
2,4-Dimethylphenol
Concen: 37.34 ng
RT: 7.73 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

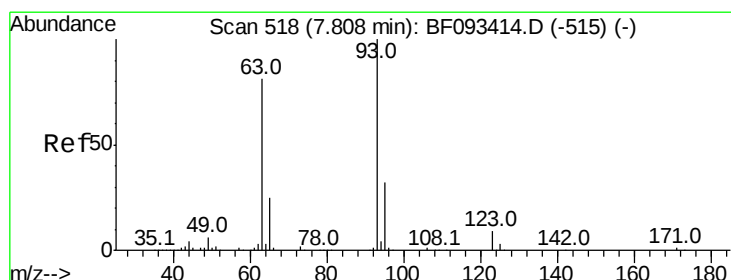
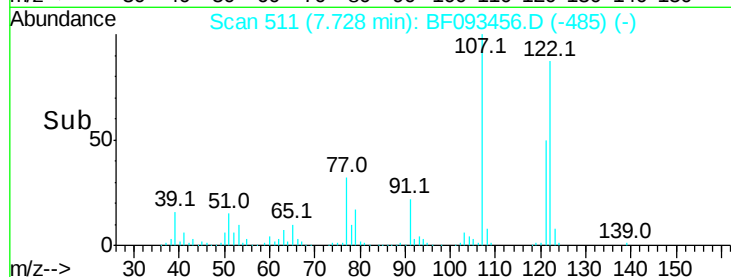
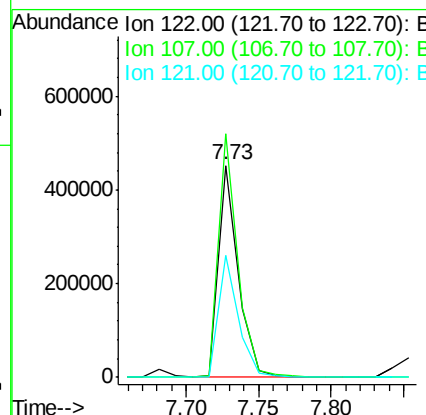
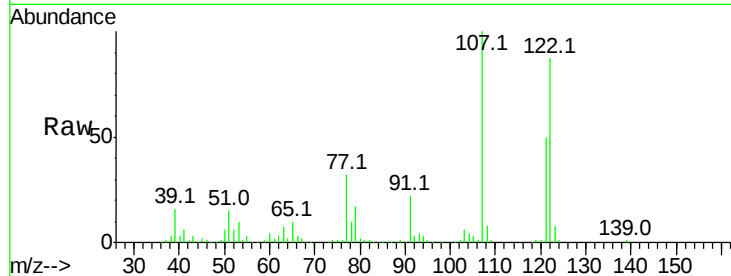
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	94.1	141.1
121	57.5	46.0	69.0

Manual Integrations
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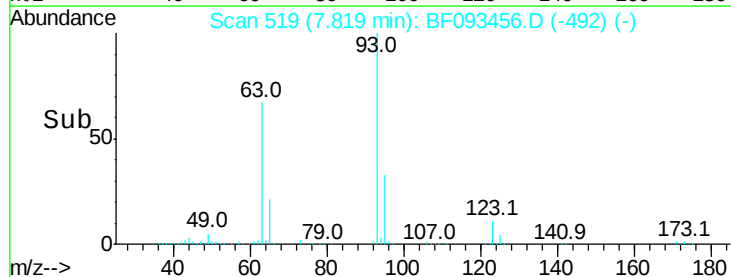
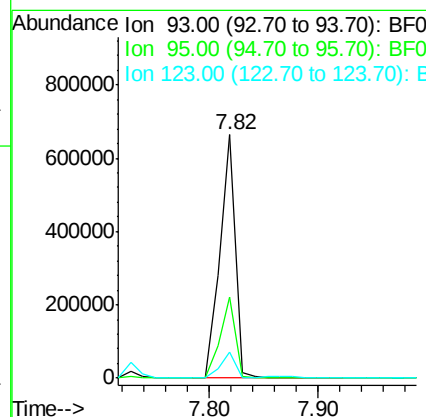
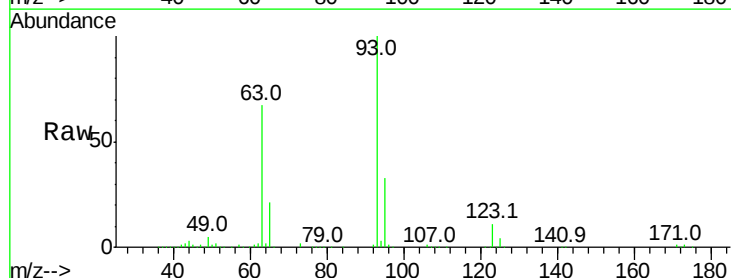
mohammad
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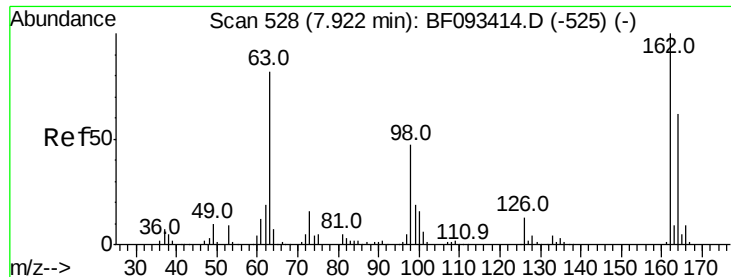
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#28
bis(2-Chloroethoxy)methane
Concen: 38.54 ng
RT: 7.82 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	10.7	8.6	13.0





#29
 2,4-Dichlorophenol
 Concen: 37.57 ng
 RT: 7.93 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

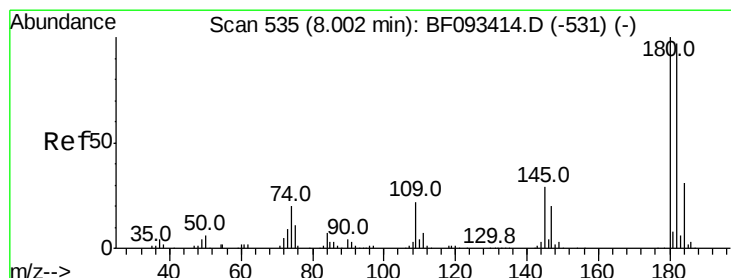
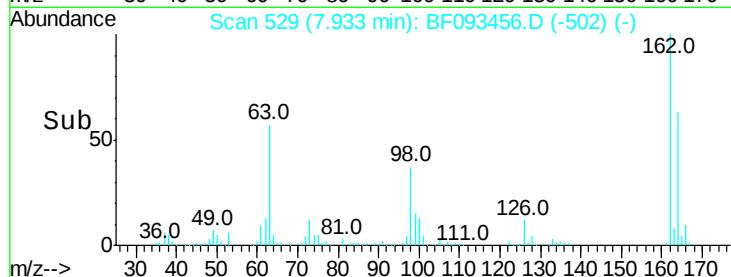
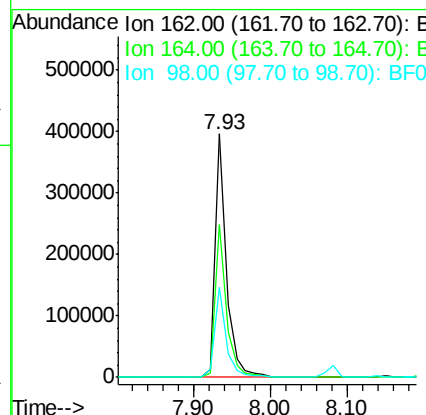
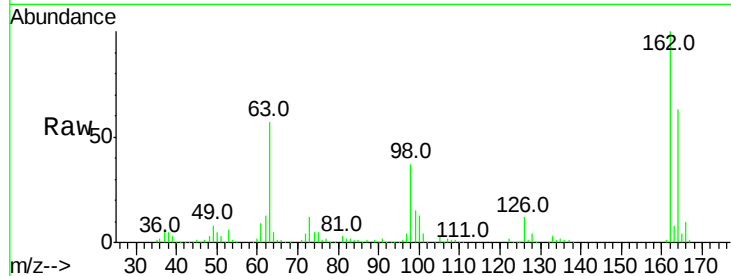
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.9	46.8	86.8
98	37.0	9.1	49.1

Manual Integrations
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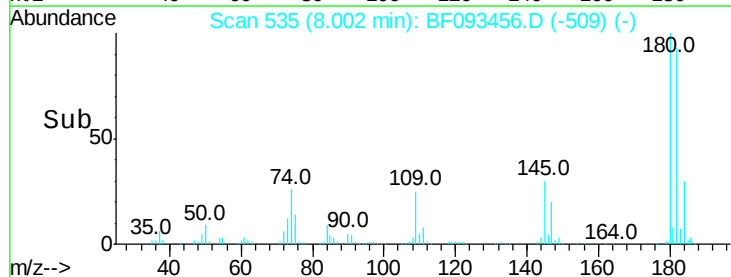
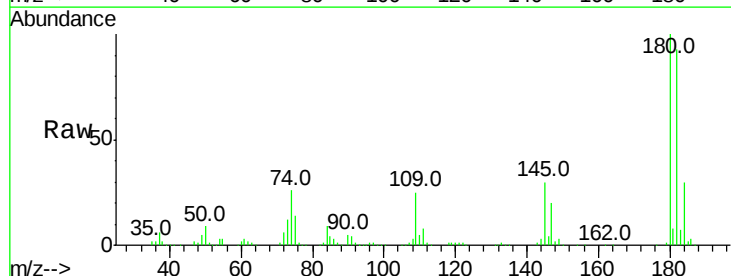
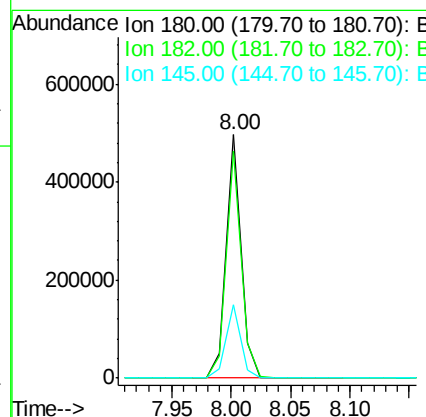
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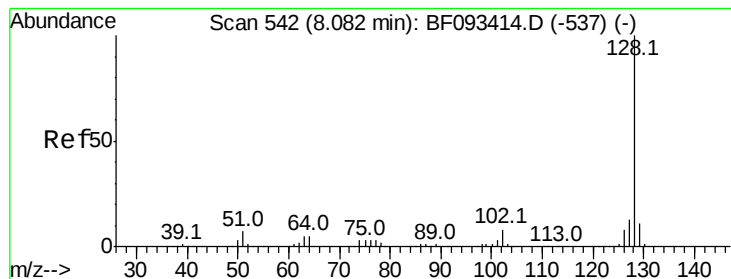
3/10/2017 8:12:44 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.52 ng
 RT: 8.00 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.5	78.2	117.4
145	30.4	21.6	32.4





#31

Naphthalene

Concen: 37.86 ng

RT: 8.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1435867

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

127 13.6 10.8 16.2

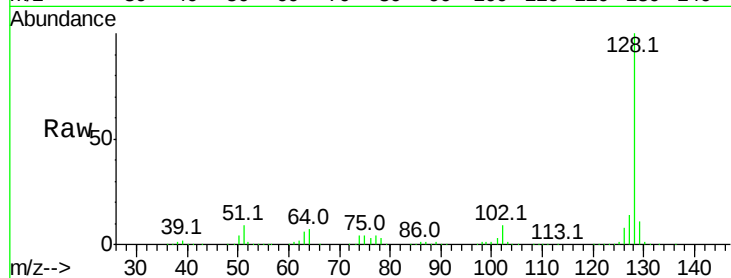
Manual Integrations

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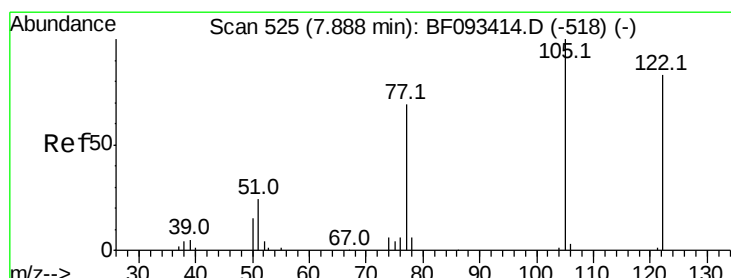
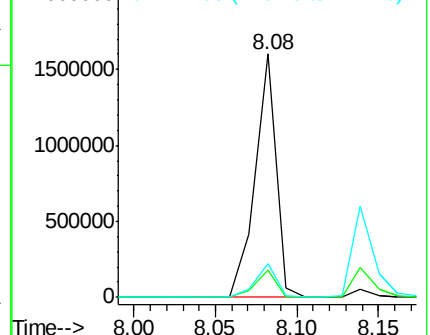
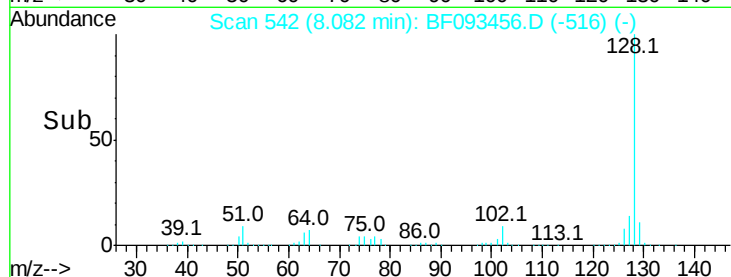
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.78 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

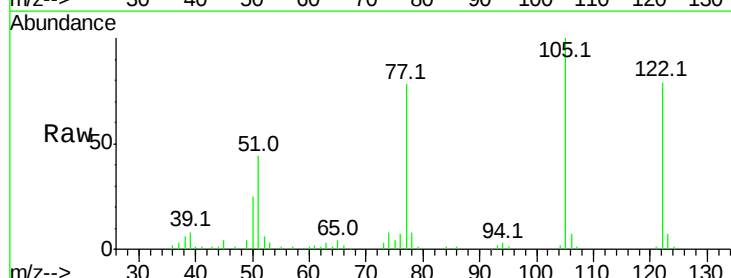
Tgt Ion:122 Resp: 116934

Ion Ratio Lower Upper

122 100

105 126.1 107.2 147.2

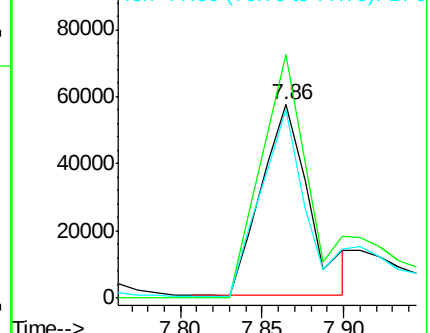
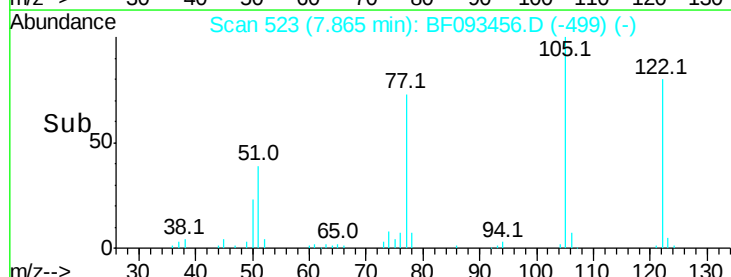
77 97.8 74.5 114.5

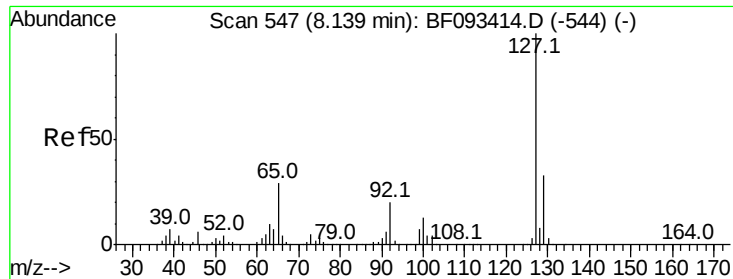


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 36.61 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

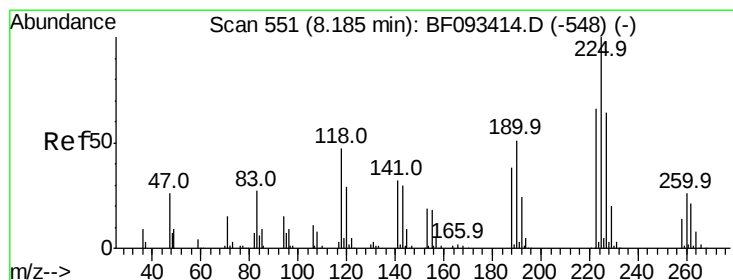
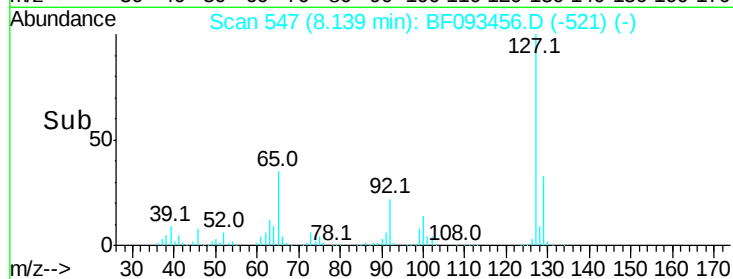
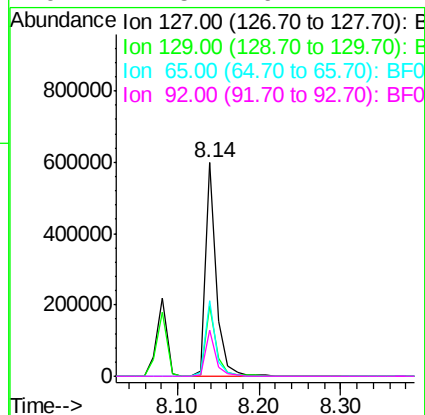
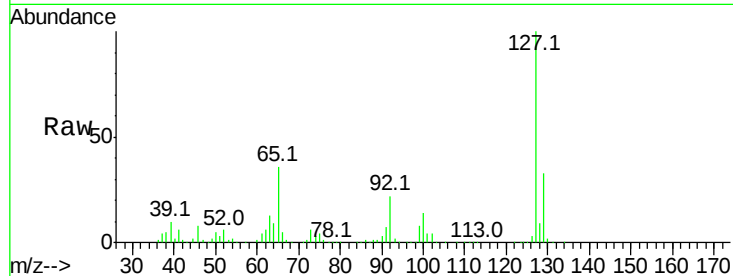
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.3	39.5	
65	35.6	25.8	38.8	
92	21.5	16.1	24.1	

Manual Integrations
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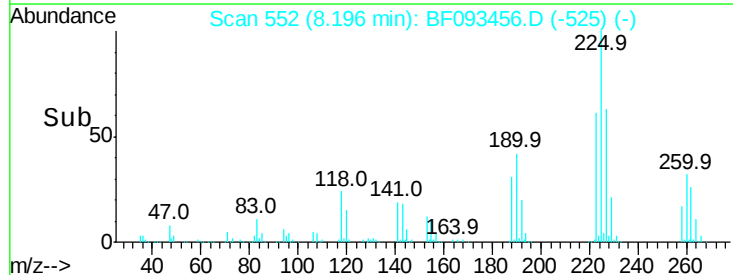
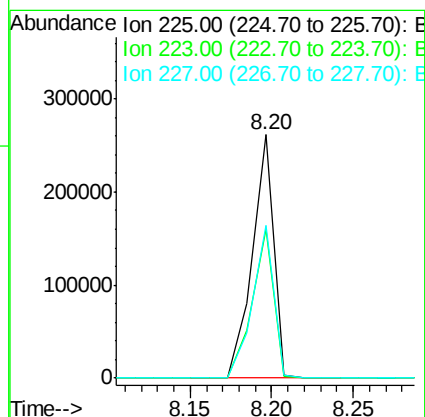
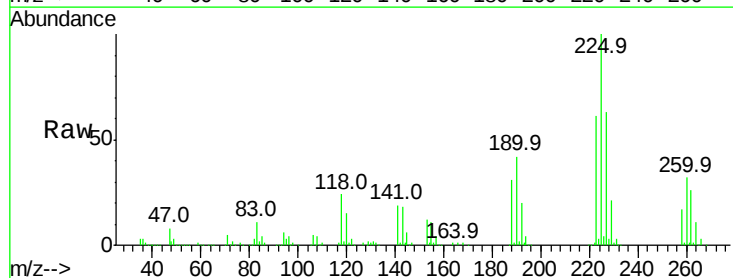
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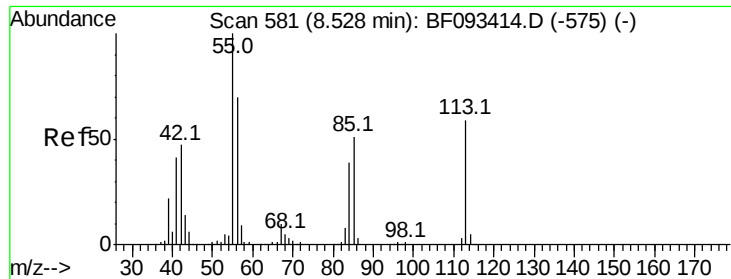
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#34
Hexachlorobutadiene
Concen: 40.57 ng
RT: 8.20 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	51.0	76.6	
227	62.8	50.6	76.0	





#35

Caprolactam

Concen: 33.44 ng

RT: 8.52 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 122273

Ion Ratio Lower Upper

113 100

55 240.5 119.2 159.2#

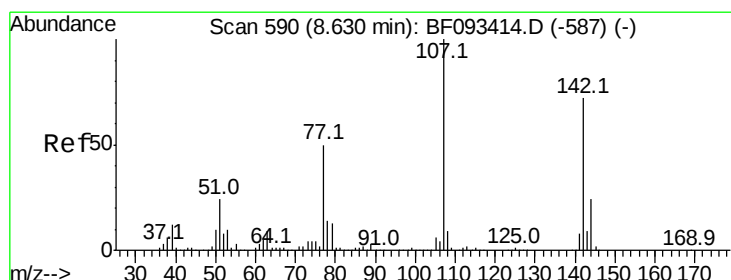
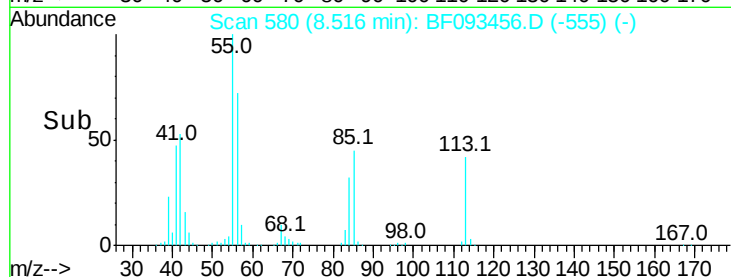
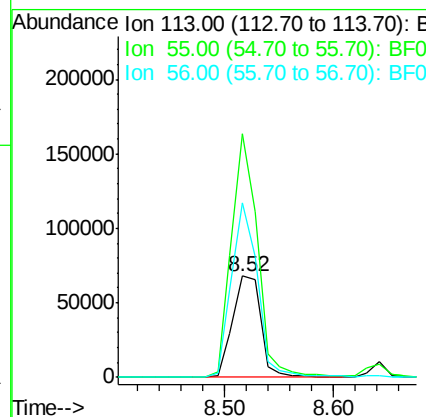
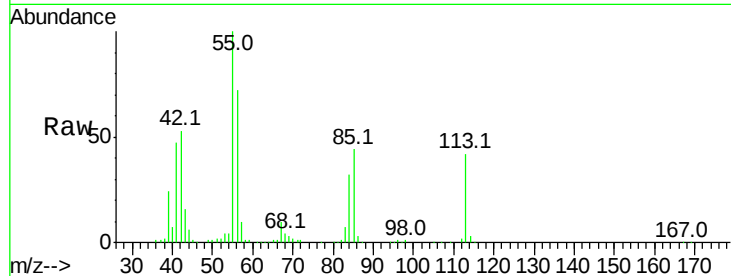
56 172.7 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 33.72 ng

RT: 8.64 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

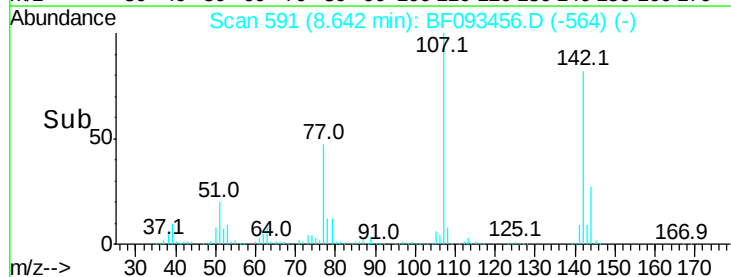
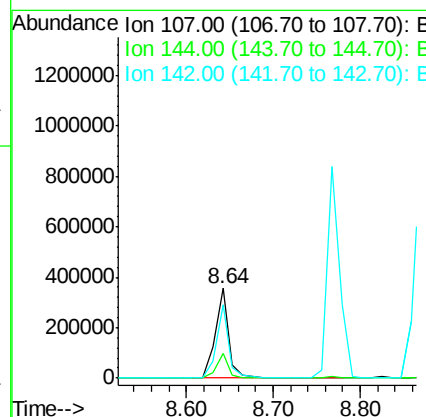
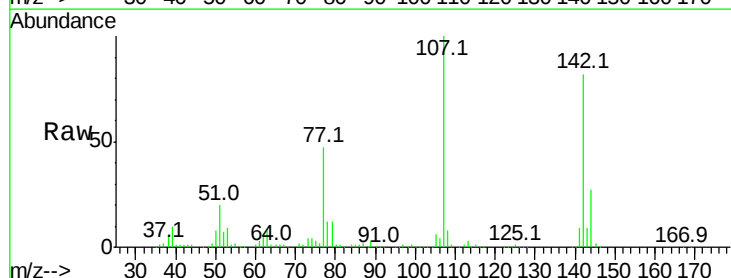
Tgt Ion:107 Resp: 385232

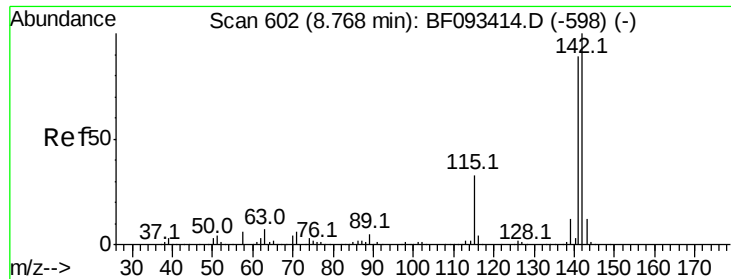
Ion Ratio Lower Upper

107 100

144 27.0 19.3 28.9

142 82.2 59.0 88.6





#37
2-Methylnaphthalene
Concen: 33.42 ng
RT: 8.77 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

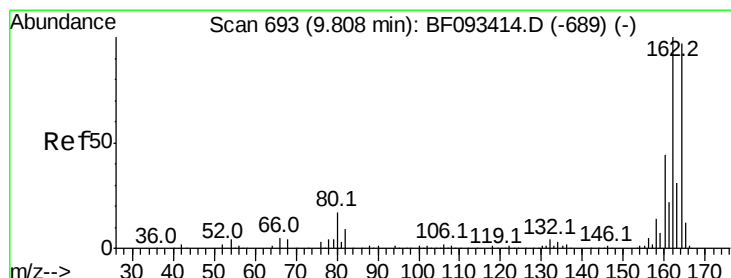
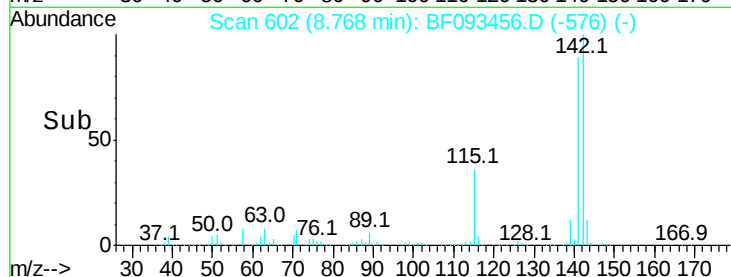
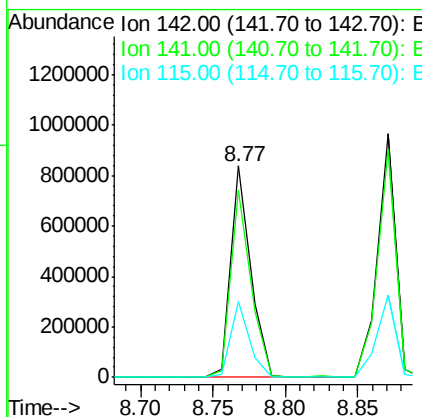
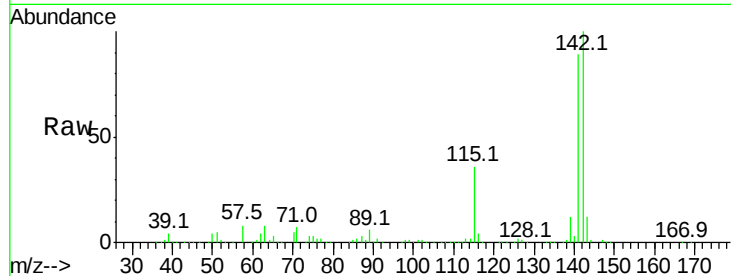
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	35.7	28.3	42.5

Manual Integrations
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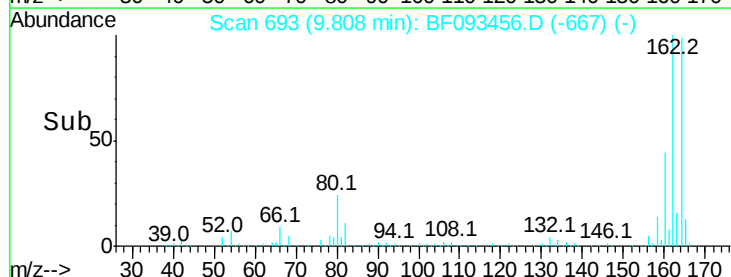
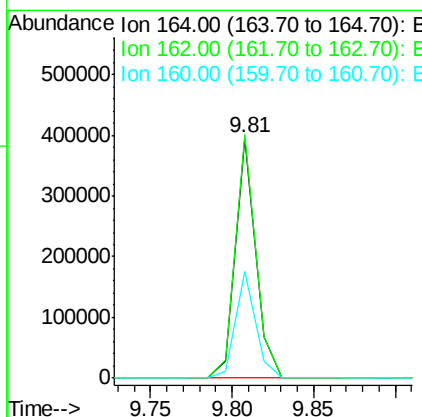
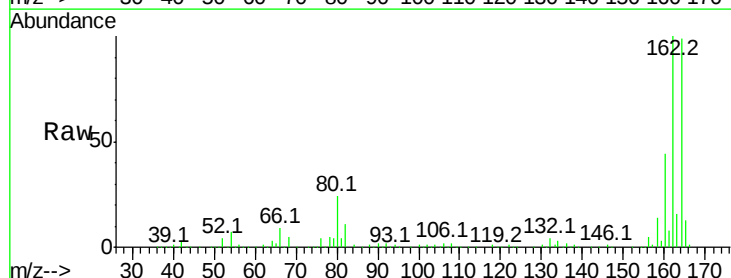
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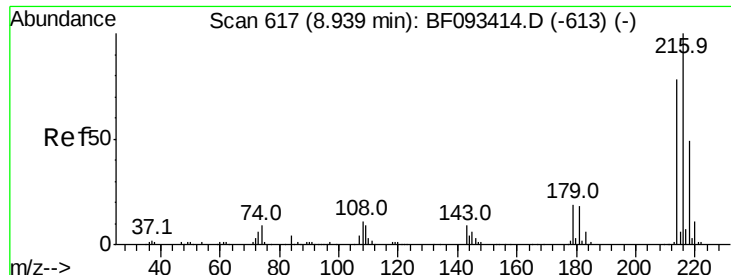
3/10/2017 8:12:44 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	44.2	36.9	55.3





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.12 ng
 RT: 8.94 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

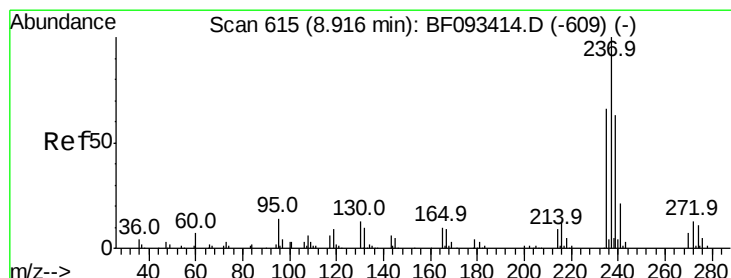
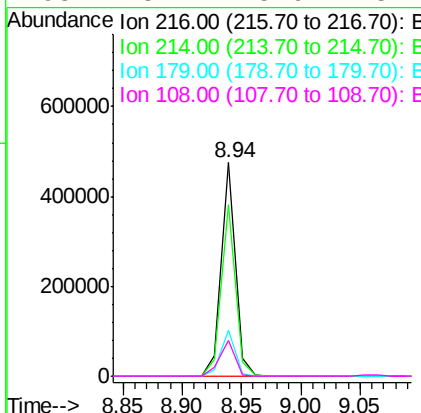
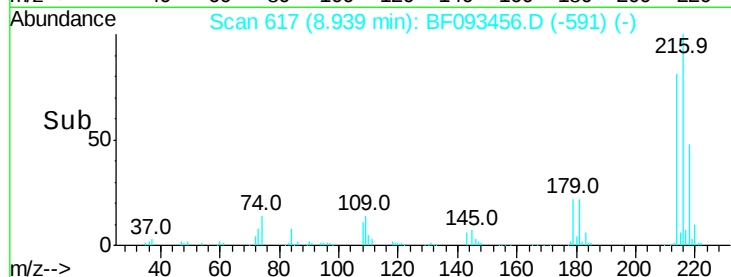
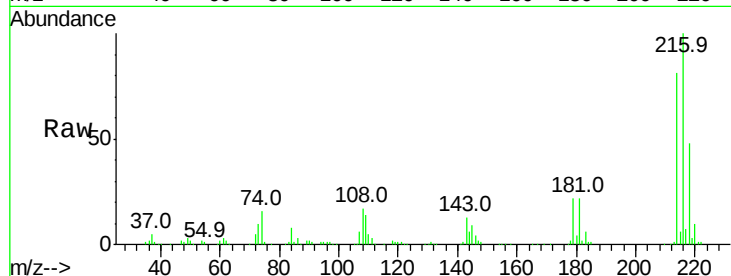
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.7	63.4	95.0	
179	21.9	17.4	26.2	
108	18.1	15.6	23.4	

Manual Integrations
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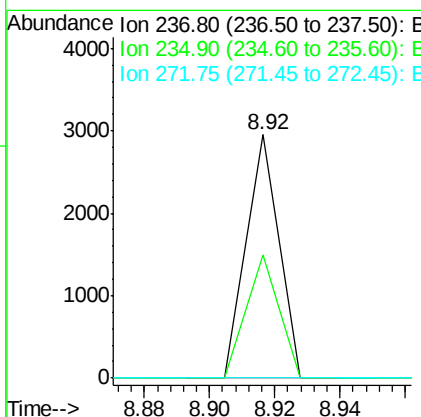
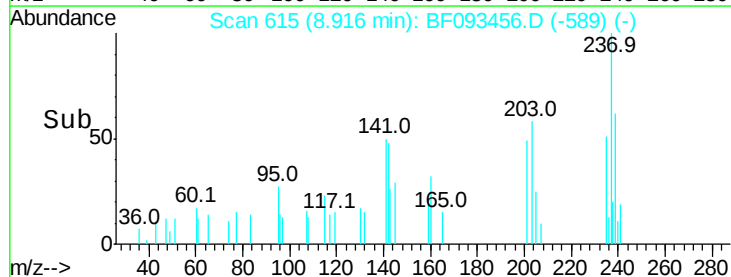
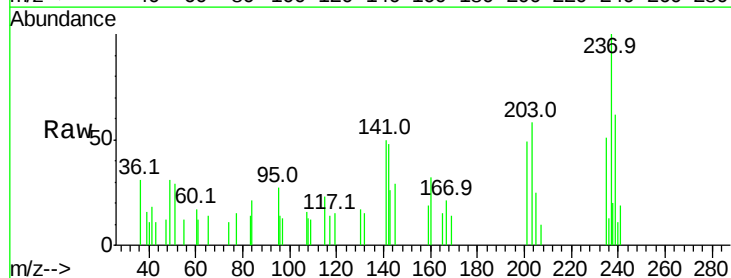
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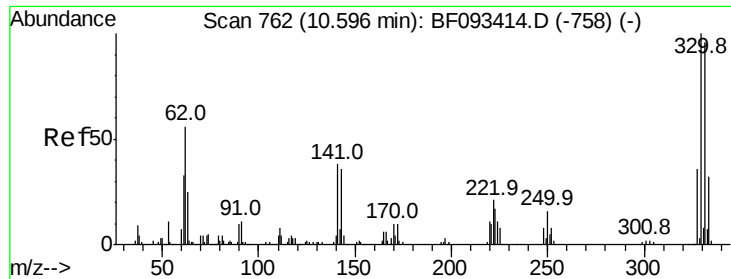
3/10/2017 8:12:44 AM



#40
 Hexachlorocyclopentadiene
 Concen: 12.82 ng
 RT: 8.92 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	50.5	41.2	81.2	
272	0.0	0.0	35.4	





#41
 2,4,6-Tribromophenol
 Concen: 64.62 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

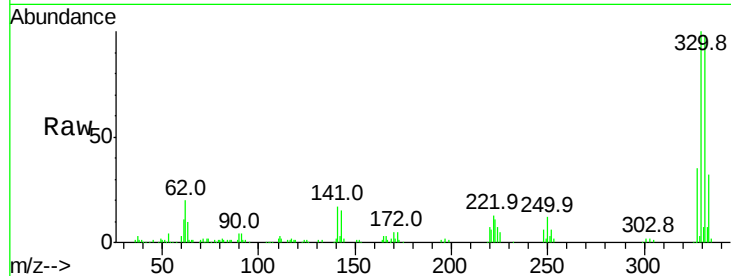
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	142395		
332	96.2	77.4	116.2	
141	42.4	34.1	51.1	

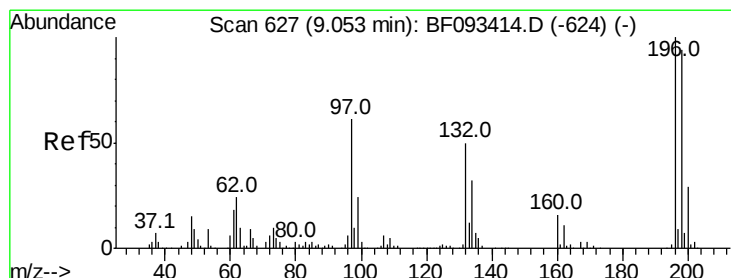
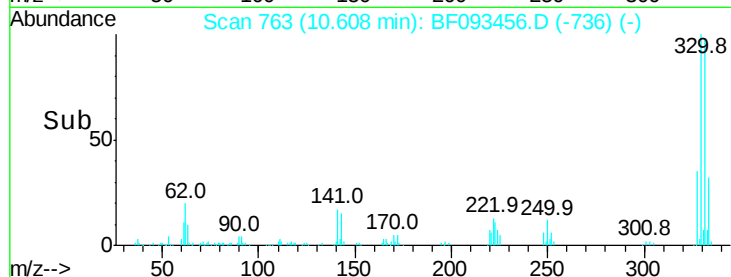
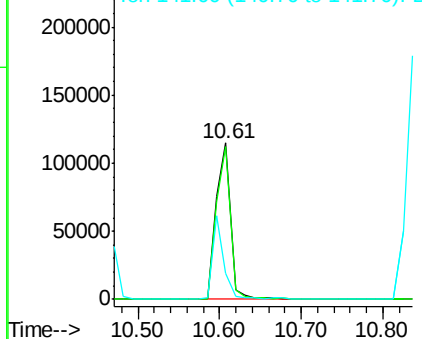
Manual Integrations
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3/10/2017 8:12:44 AM

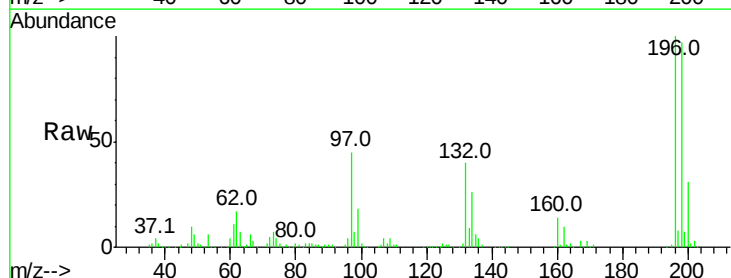


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

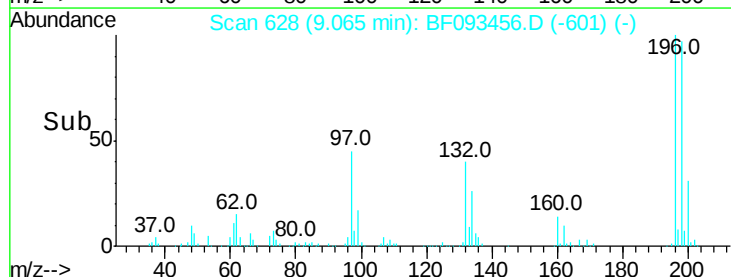
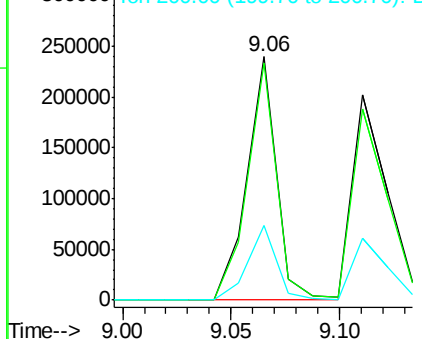


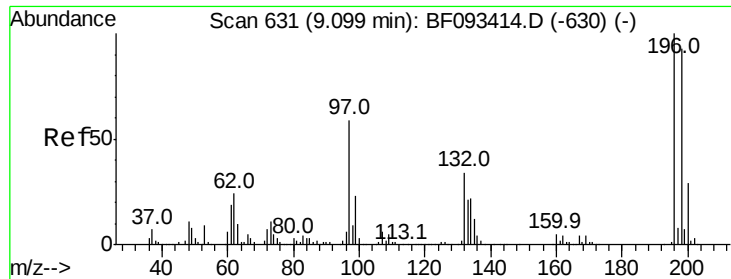
#42
 2,4,6-Trichlorophenol
 Concen: 39.15 ng
 RT: 9.06 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225896		
198	97.2	82.1	123.1	
200	30.5	27.0	40.4	



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: 37.92 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

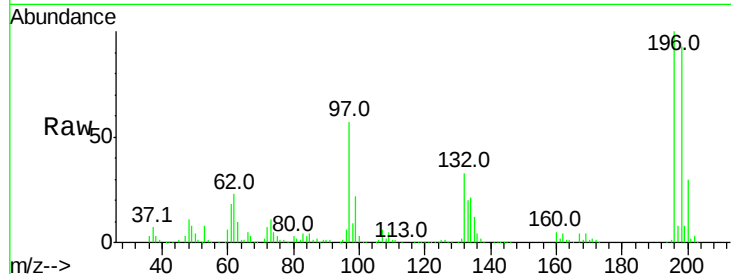
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	234748
Ion Ratio	Lower	Upper	
196	100		
198	93.5	79.4	119.2
97	56.7	51.5	77.3
132	32.8	27.4	41.2

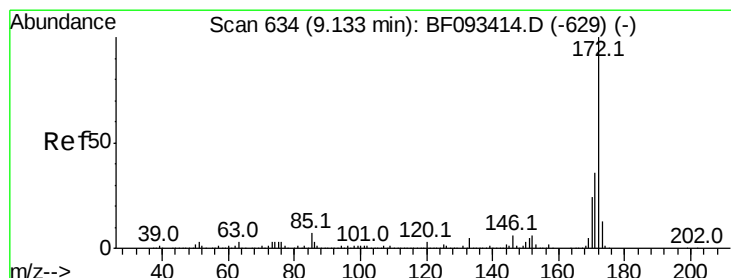
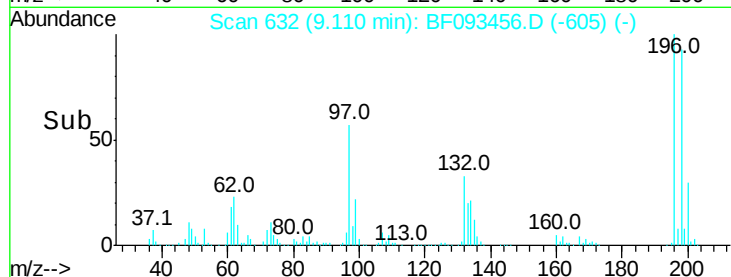
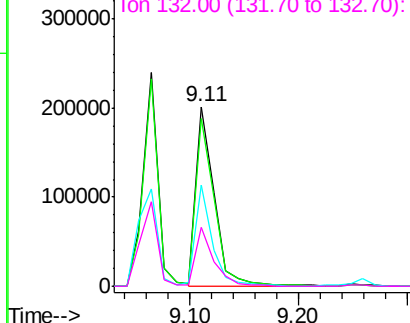
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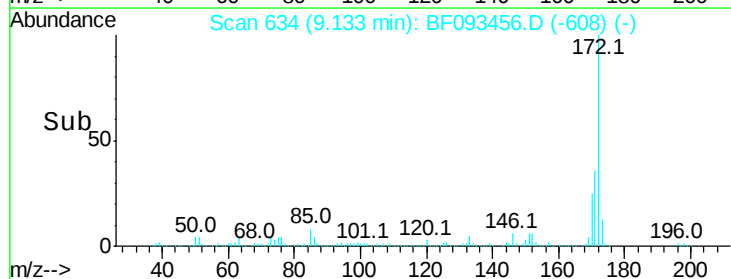
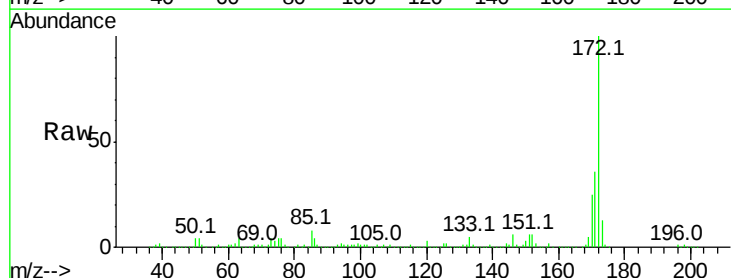
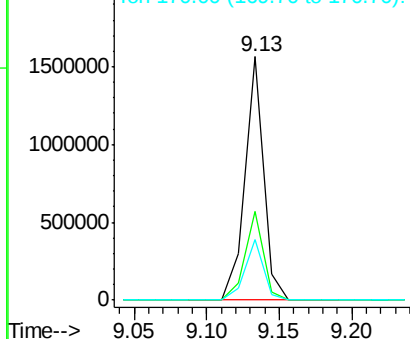
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

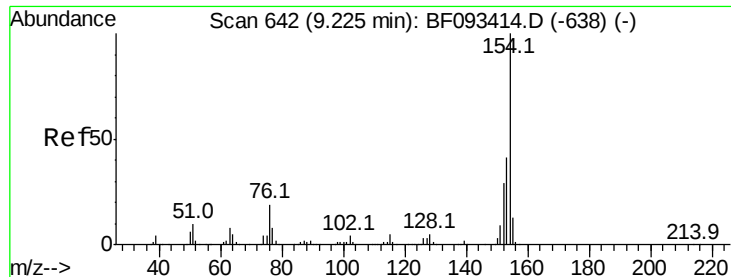


#44
 2-Fluorobiphenyl
 Concen: 76.81 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

Tgt Ion:	172	Resp:	1396603
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.4	44.0
170	24.9	20.2	30.4

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: 42.18 ng

RT: 9.24 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1039179

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

76 13.1 0.0 30.5

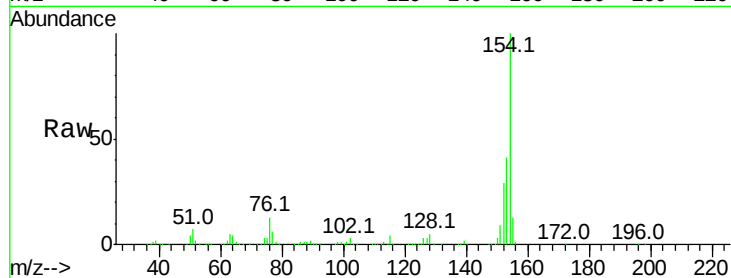
Manual Integrations

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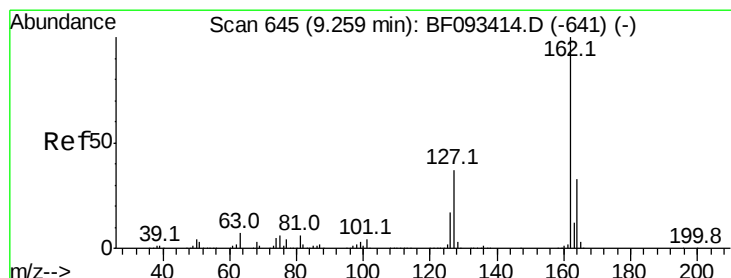
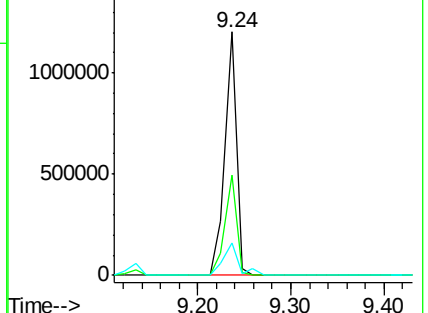
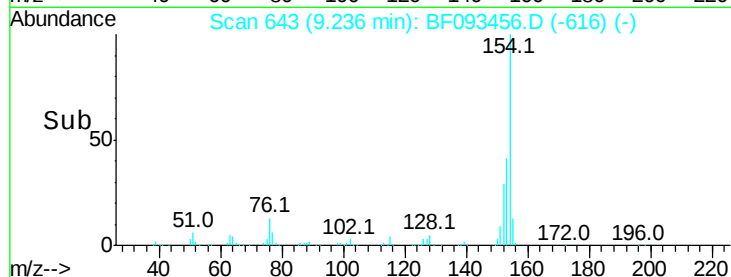
3/10/2017 8:12:44 AM



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: 40.42 ng

RT: 9.26 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

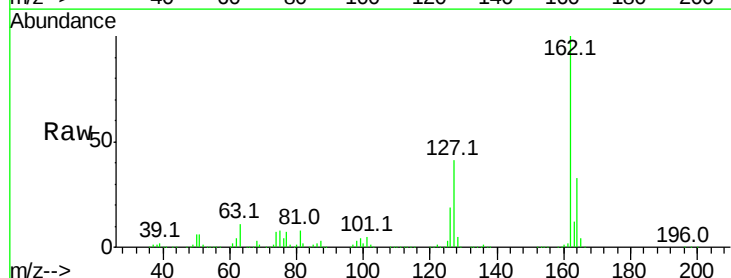
Tgt Ion:162 Resp: 762319

Ion Ratio Lower Upper

162 100

127 41.3 30.7 46.1

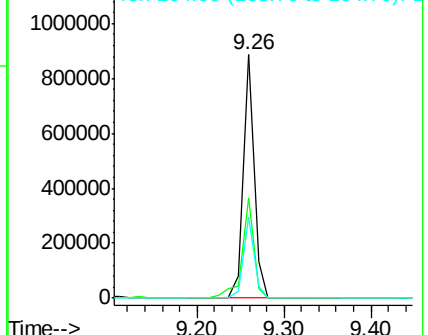
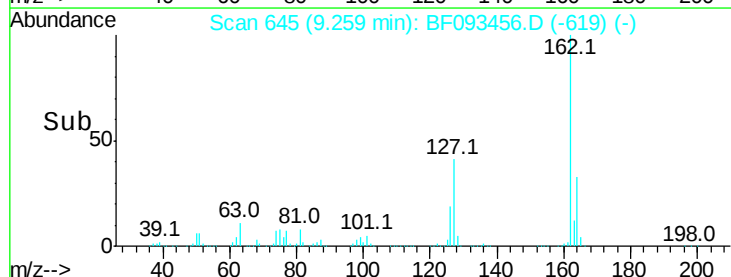
164 33.1 27.6 41.4

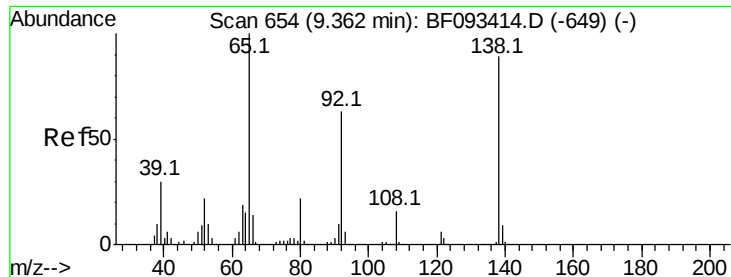


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47
2-Nitroaniline
Concen: 43.50 ng
RT: 9.37 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

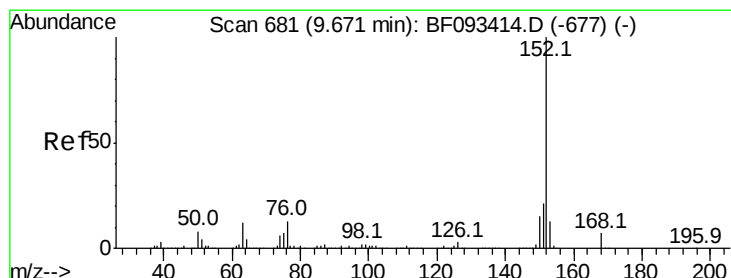
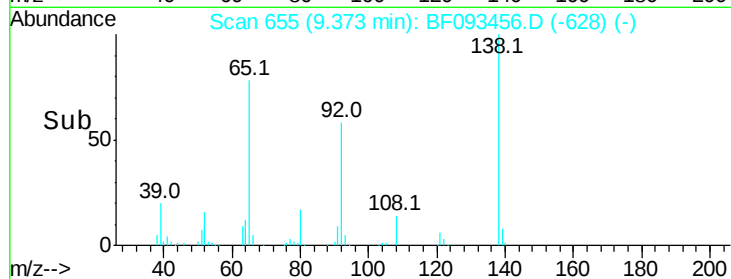
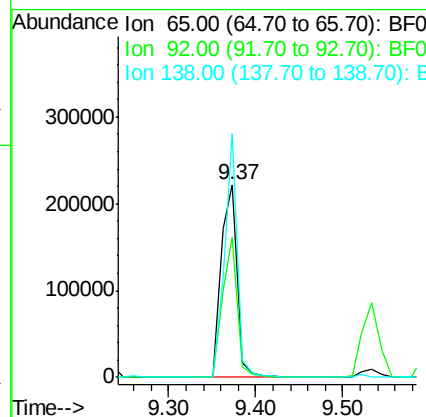
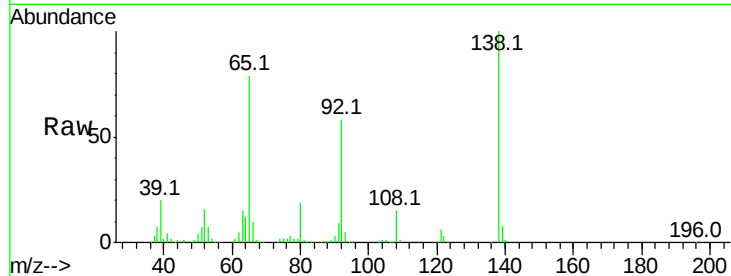
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.8	53.9	80.9
138	126.2	76.8	115.2

Manual Integrations
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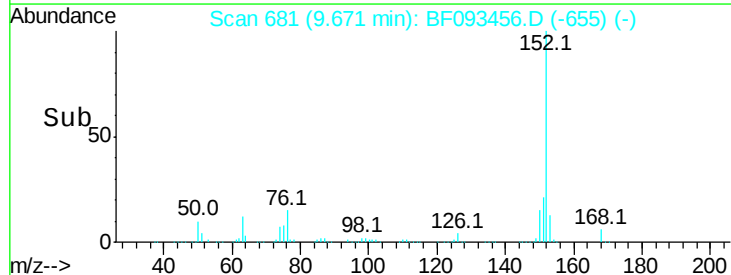
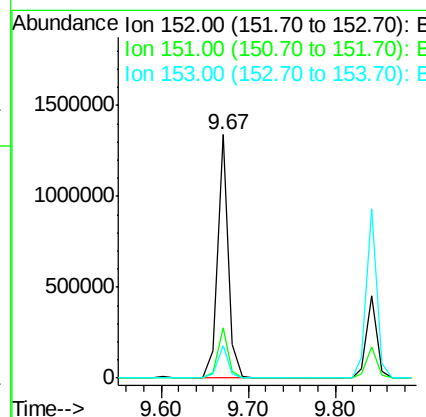
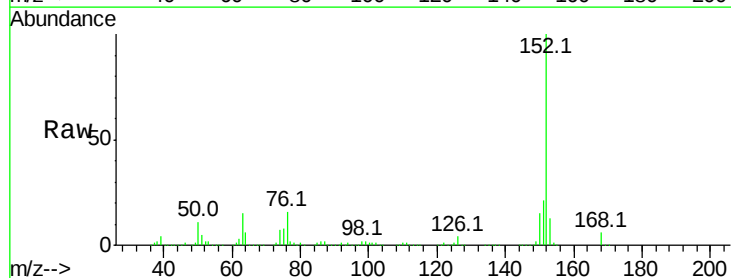
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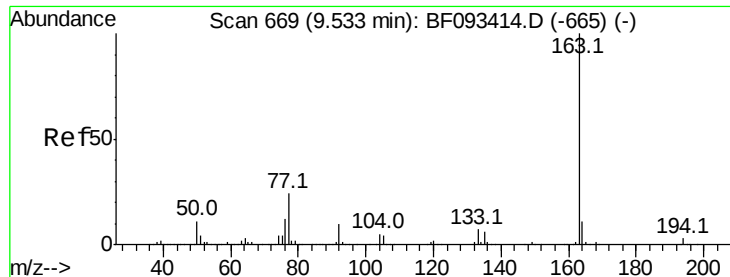
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#48
Acenaphthylene
Concen: 37.32 ng
RT: 9.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.5	11.4	17.2





#49
Dimethylphthalate
Concen: 39.64 ng
RT: 9.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

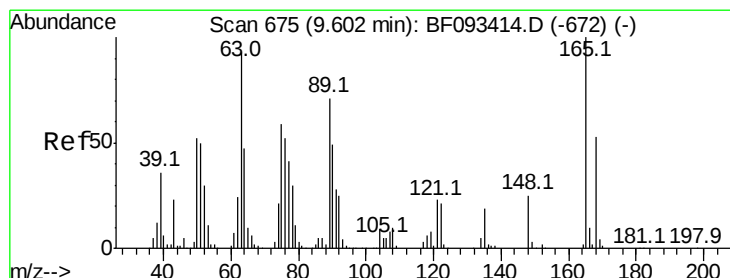
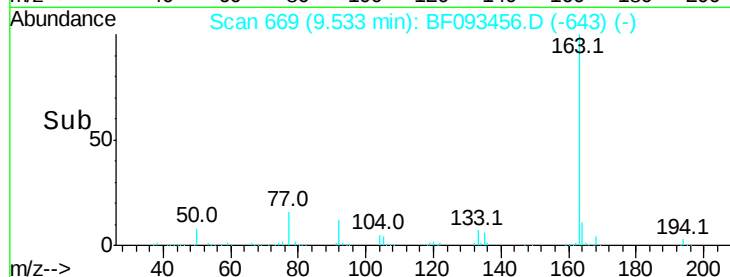
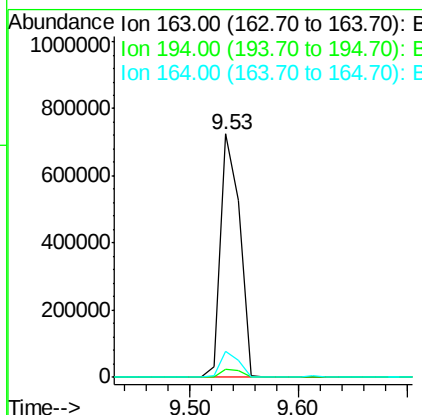
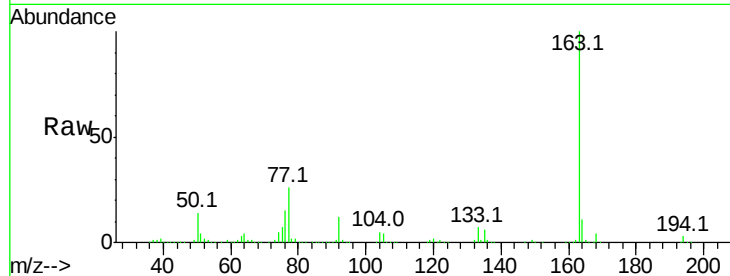
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	888743		
194	3.2		3.0	4.4
164	10.6		8.0	12.0

Manual Integrations
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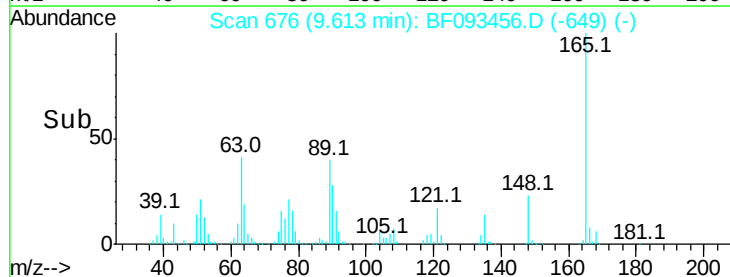
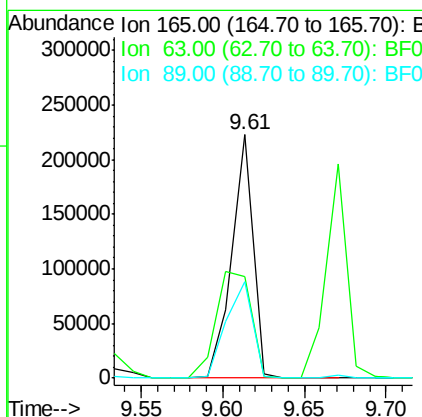
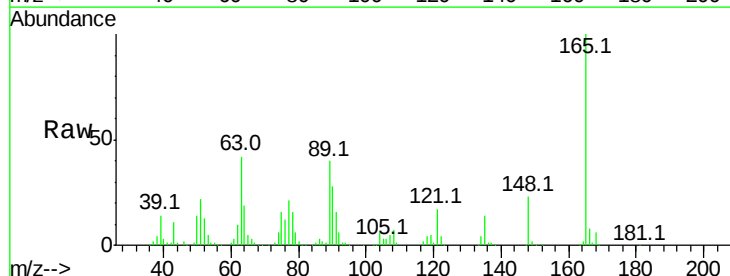
mohammad
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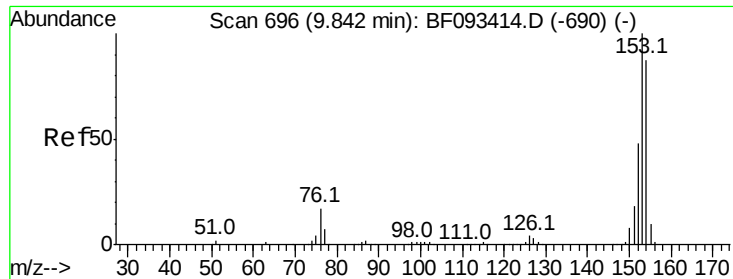
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#50
2,6-Dinitrotoluene
Concen: 40.72 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200332		
63	41.5		36.2	54.4
89	39.8		40.2	60.4#





#51
Acenaphthene
Concen: 36.88 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

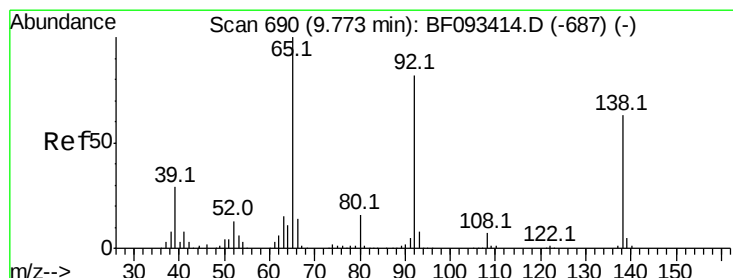
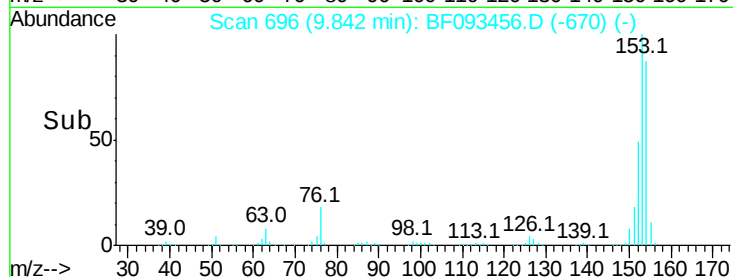
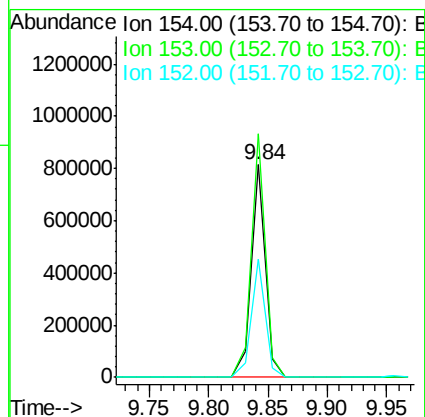
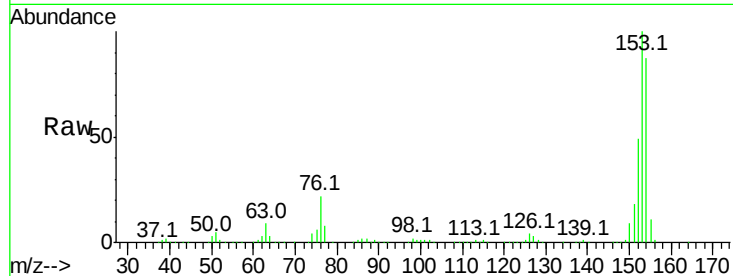
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.5	88.6	133.0
152	55.6	41.6	62.4

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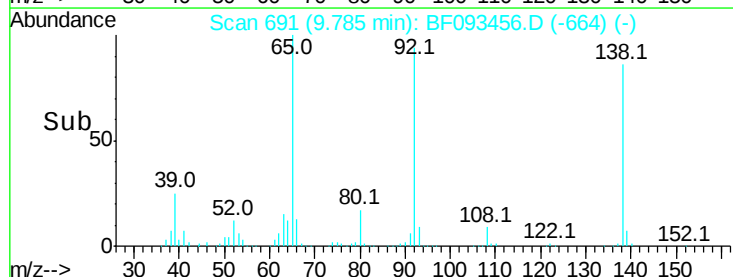
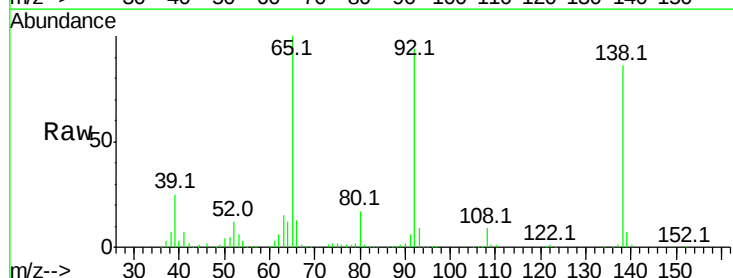
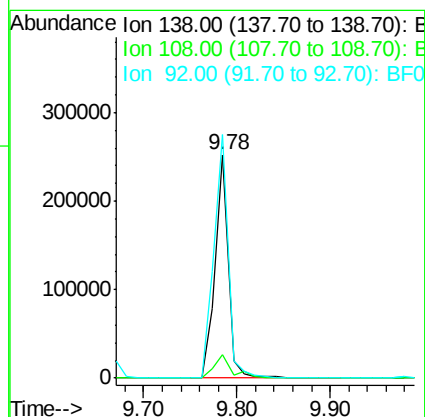
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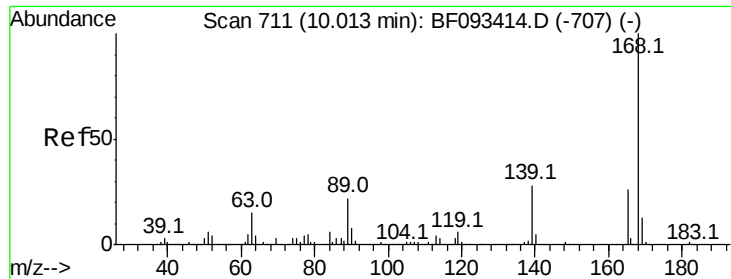
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#52
3-Nitroaniline
Concen: 42.06 ng
RT: 9.78 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	109.1	97.8	146.8





#54
Dibenzofuran
Concen: 39.74 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

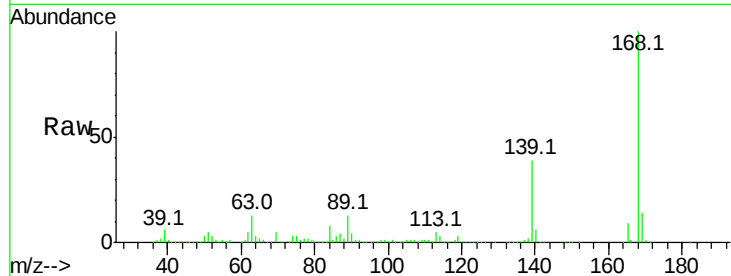
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
168	100	914971		
139	38.8		32.6	49.0
169	13.7		11.3	16.9

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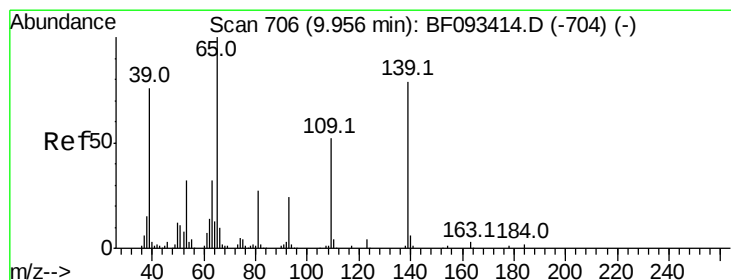
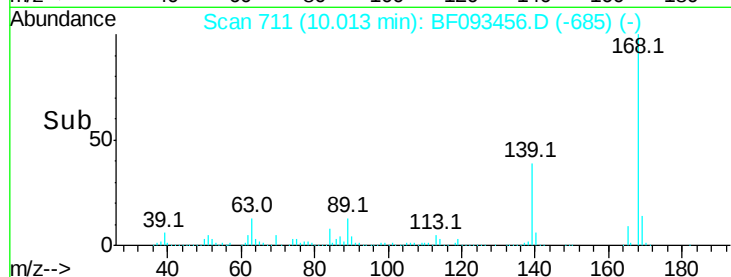
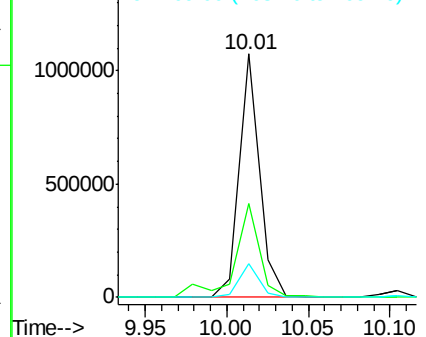


Abundance

Ion 168.00 (167.70 to 168.70): E

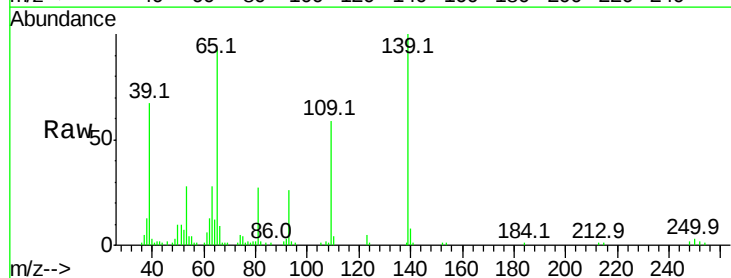
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55
4-Nitrophenol
Concen: 21.25 ng m
RT: 9.98 min Scan# 708
Delta R.T. 0.02 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	61020		
109	58.5		52.2	92.2
65	92.9		85.8	125.8

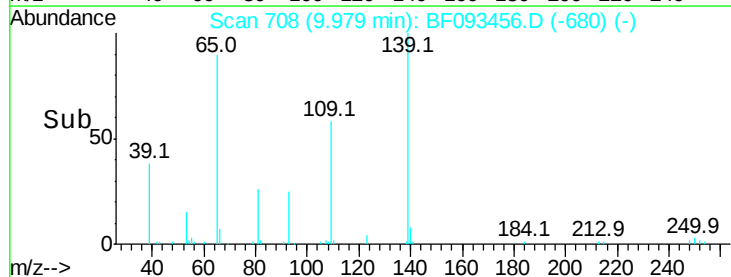
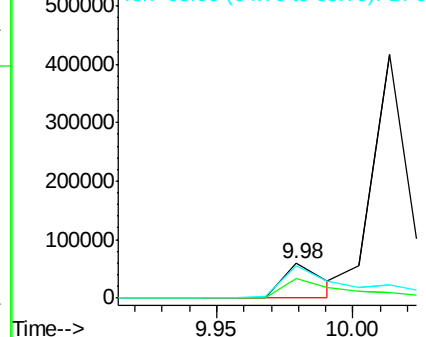


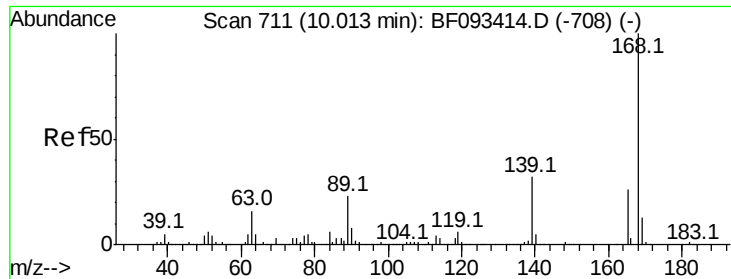
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56
2,4-Dinitrotoluene
Concen: 33.84 ng
RT: 10.02 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

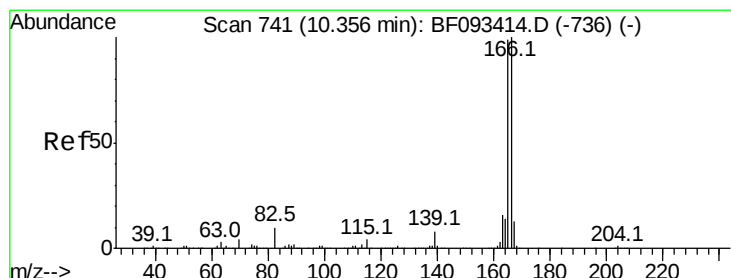
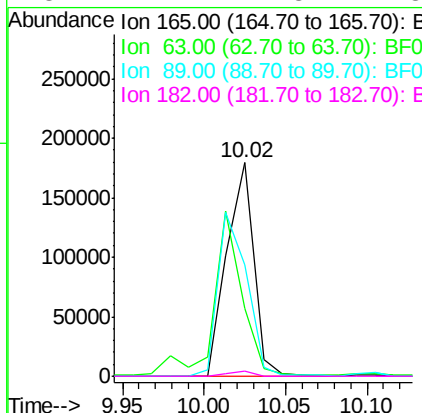
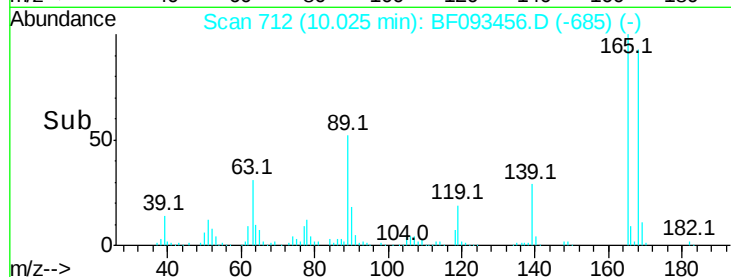
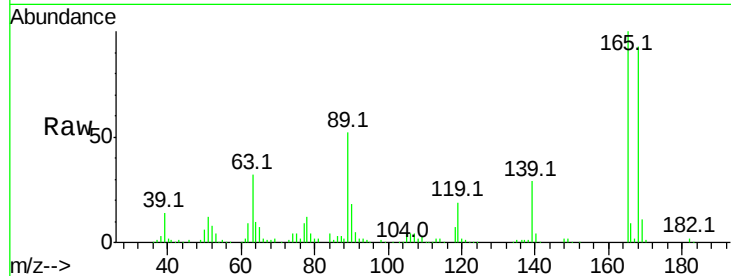
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	31.6	40.2	60.4#	
89	52.0	62.5	93.7#	
182	2.2	1.8	2.8	

Manual Integrations
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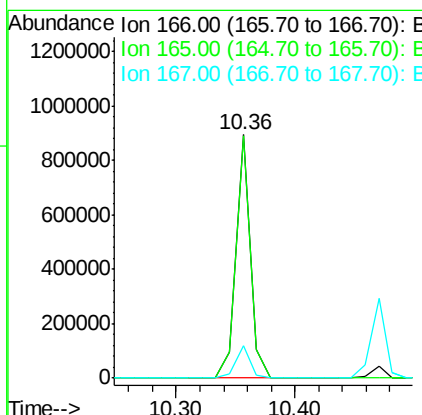
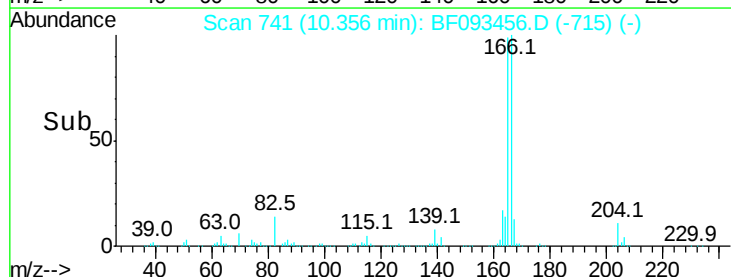
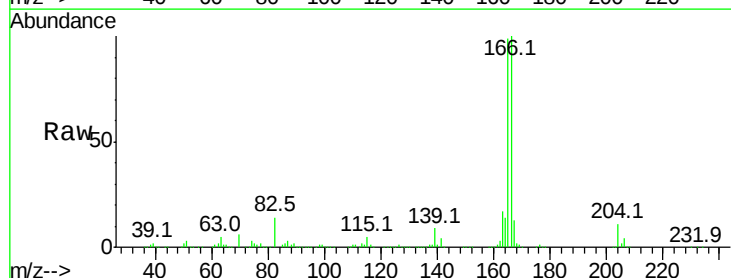
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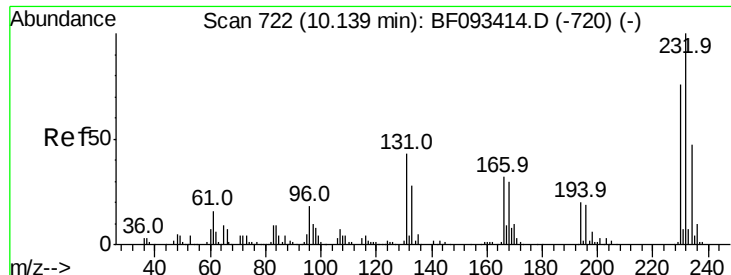
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#57
Fluorene
Concen: 38.78 ng
RT: 10.36 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	77.8	116.8	
167	13.3	10.8	16.2	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.50 ng
 RT: 10.15 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

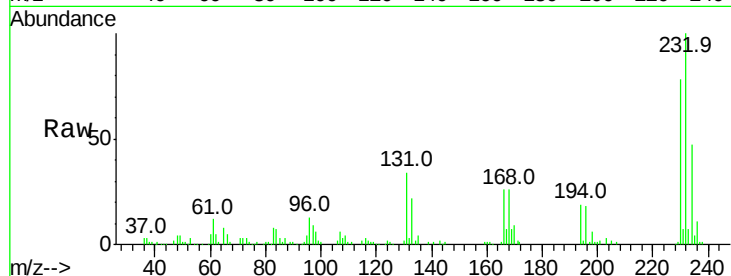
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	137649		
131	48.5		40.1	60.1
130	2.2		1.8	2.8
166	31.8		26.6	39.8

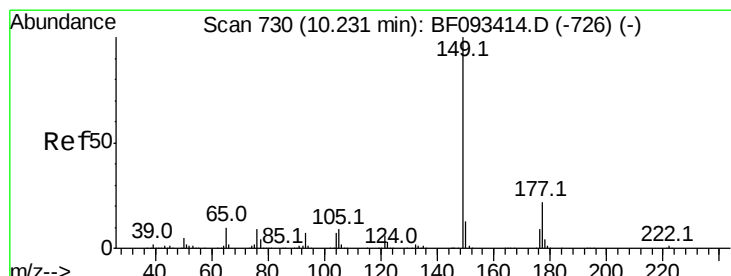
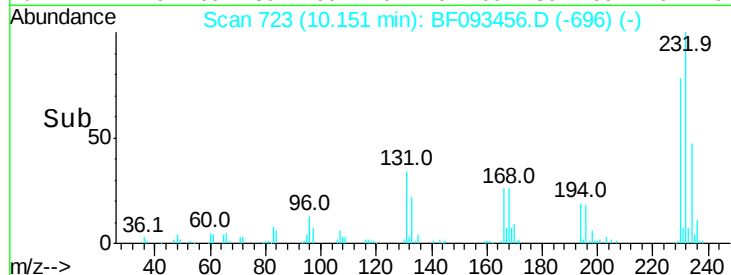
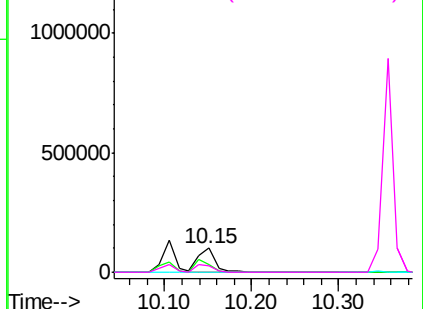
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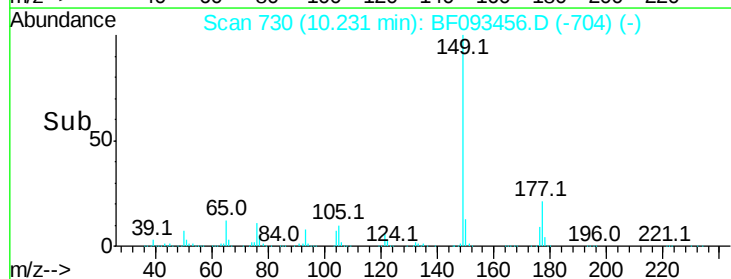
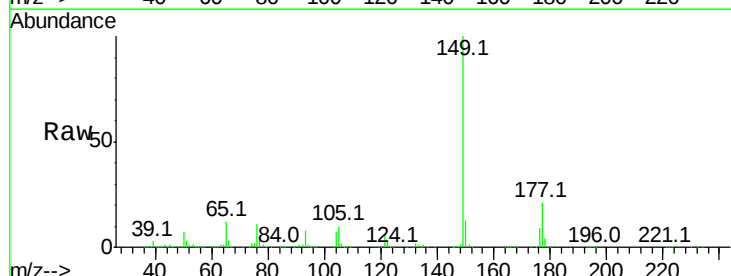
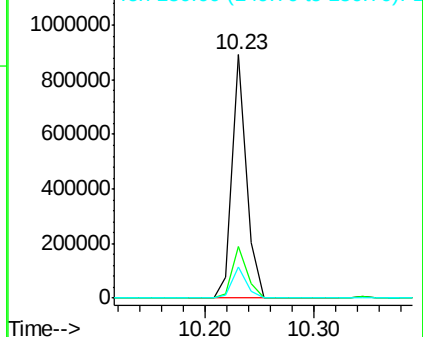
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

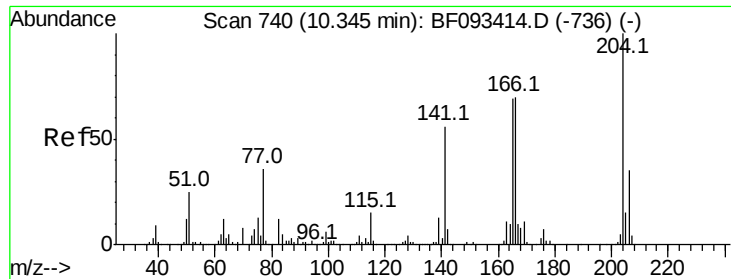


#59
 Diethylphthalate
 Concen: 37.79 ng
 RT: 10.23 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	809907		
177	21.0		16.6	25.0
150	12.8		10.4	15.6

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60
4-Chlorophenyl-phenylether
Concen: 38.97 ng
RT: 10.34 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

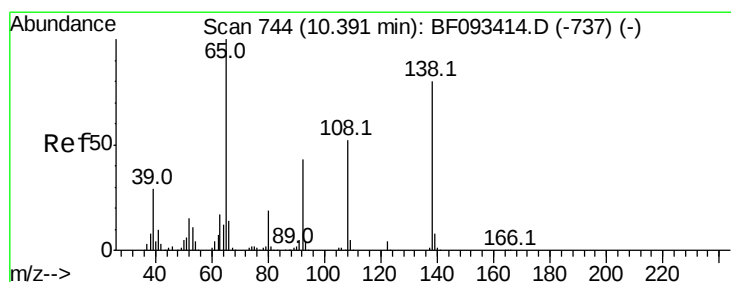
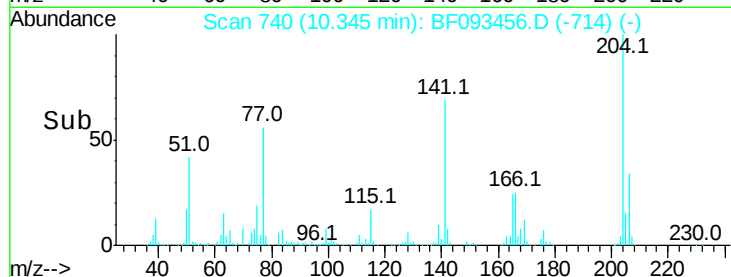
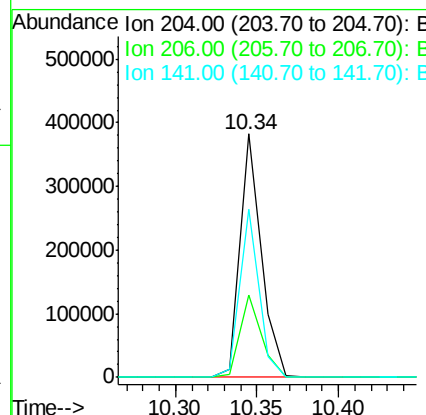
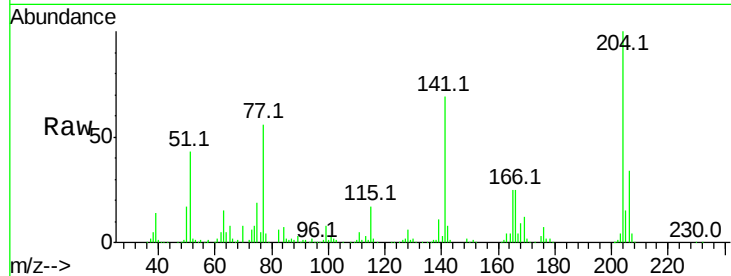
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.8	38.6
141	68.9	59.4	89.0

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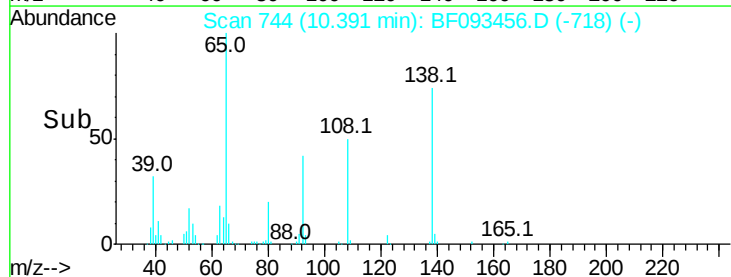
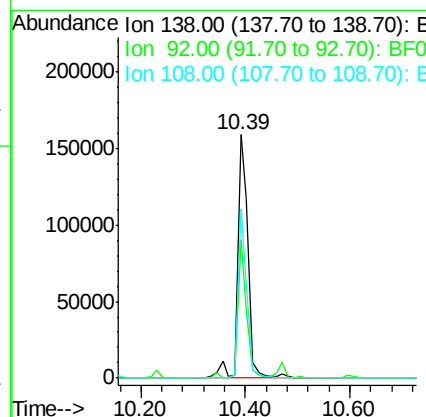
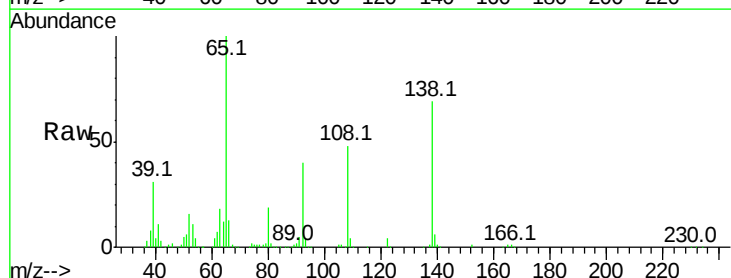
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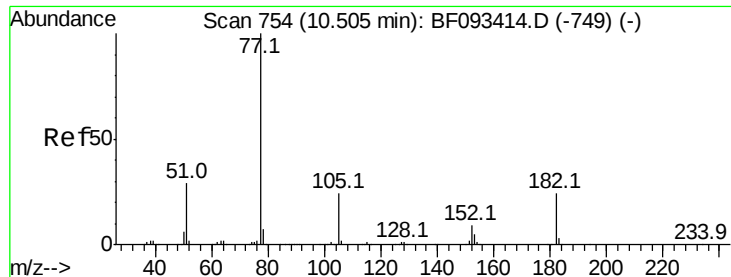
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#61
4-Nitroaniline
Concen: 36.46 ng
RT: 10.39 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.2	31.7	71.7
108	69.3	52.6	92.6





#62
Azobenzene
Concen: 35.94 ng
RT: 10.50 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

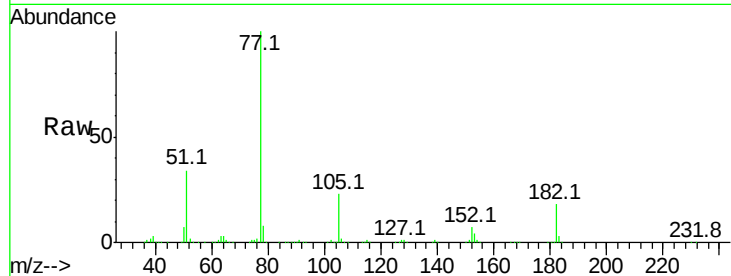
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	17.5	0.0	39.3
105	22.6	2.3	42.3
51	33.6	8.9	48.9

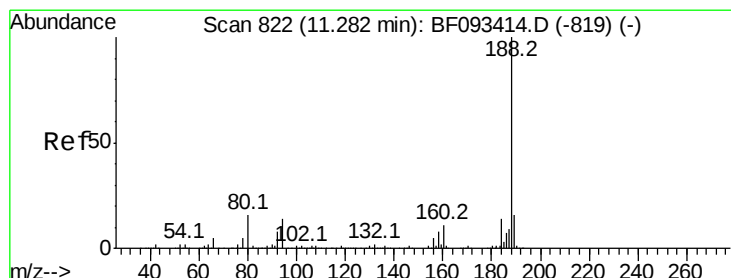
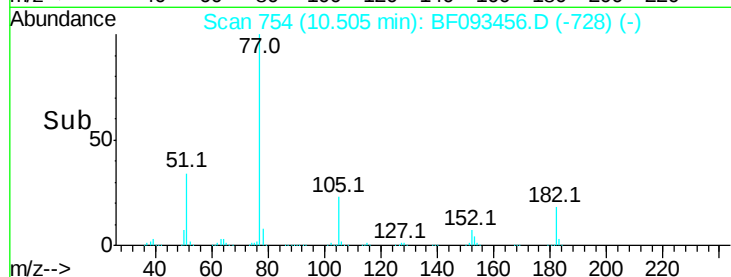
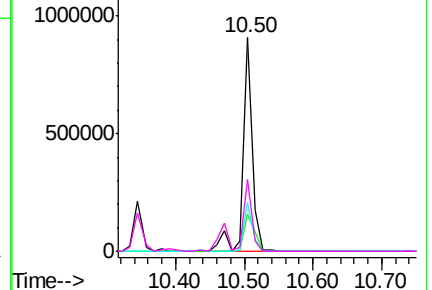
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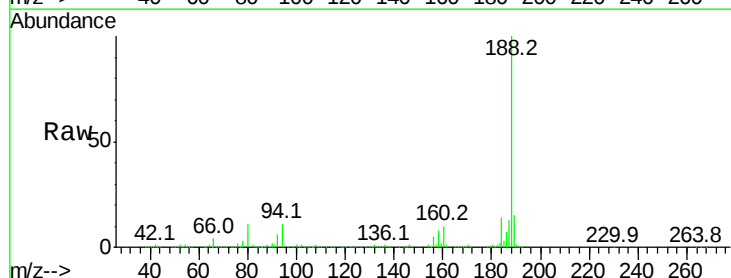


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

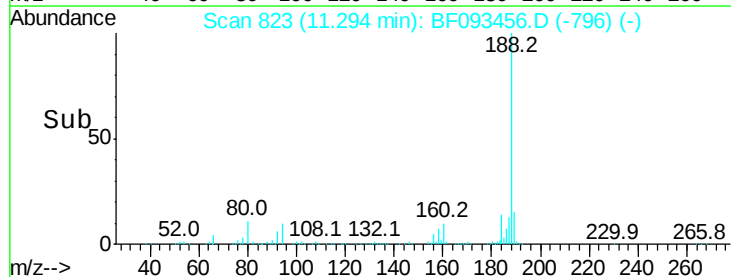
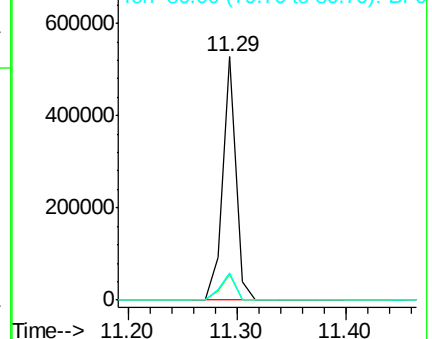


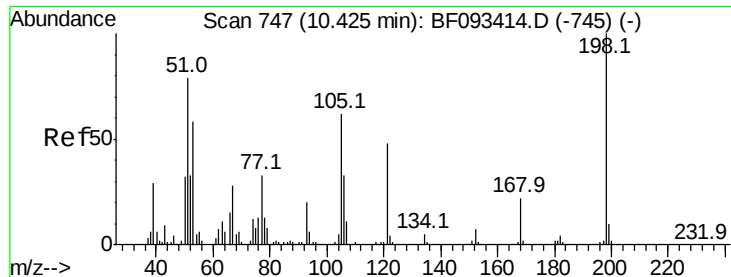
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	10.0	15.0
80	11.0	11.2	16.8#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.71 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 8014
Ion Ratio Lower Upper

198 100

51 107.4 6.7 46.7#

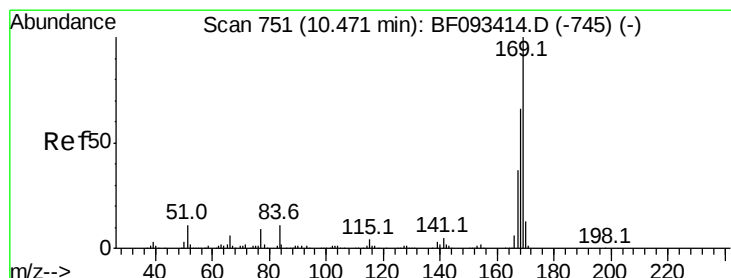
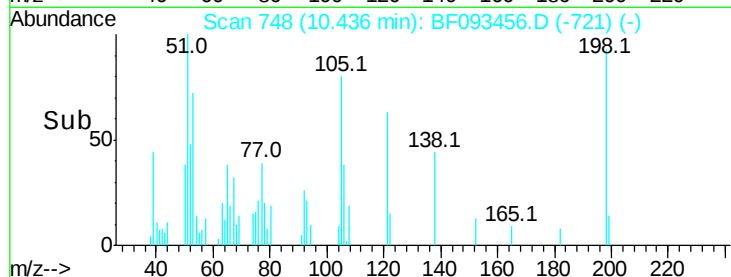
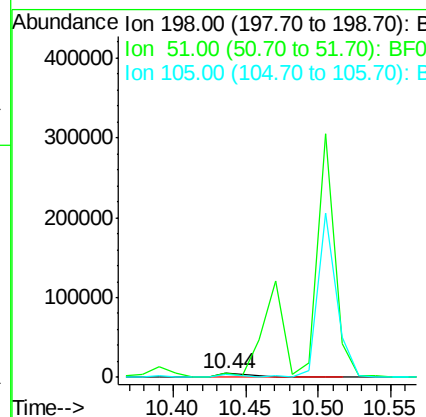
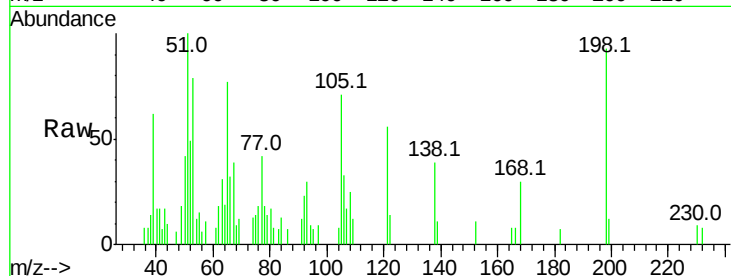
105 76.5 16.6 56.6#

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#65

n-Nitrosodiphenylamine

Concen: 43.81 ng

RT: 10.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF093456.D

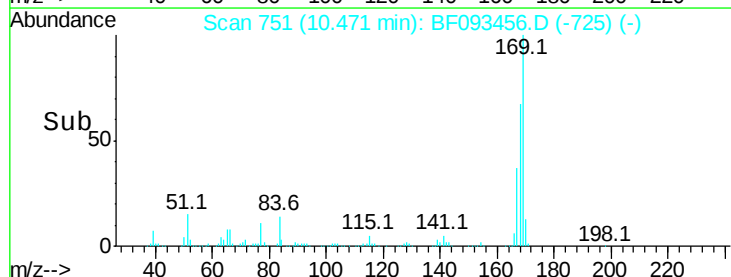
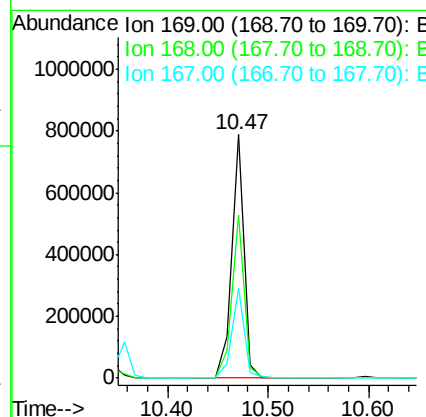
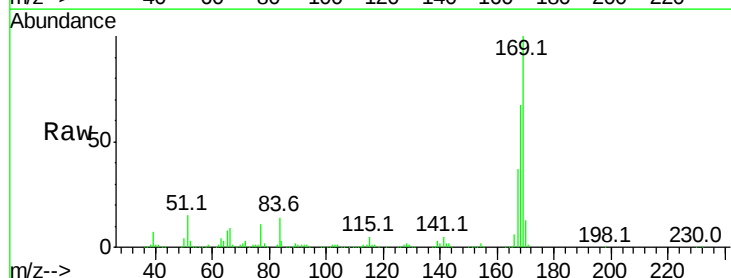
Acq: 9 Mar 2017 5:20

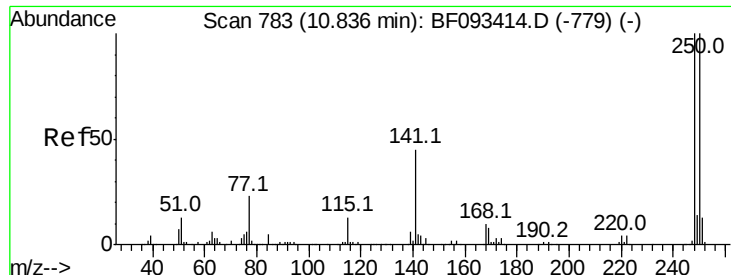
Tgt Ion:169 Resp: 666967
Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

167 37.1 30.2 45.4





#66
 4-Bromophenyl-phenylether
 Concen: 41.50 ng
 RT: 10.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

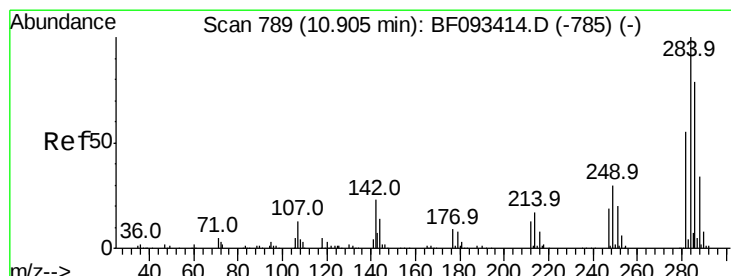
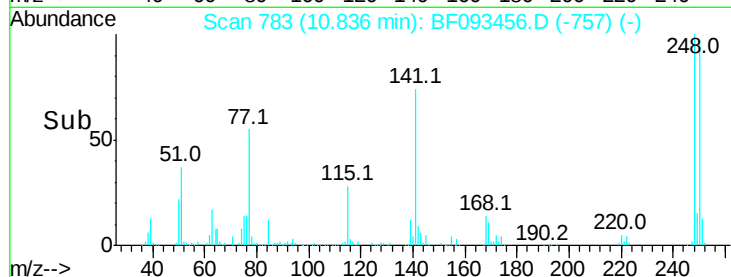
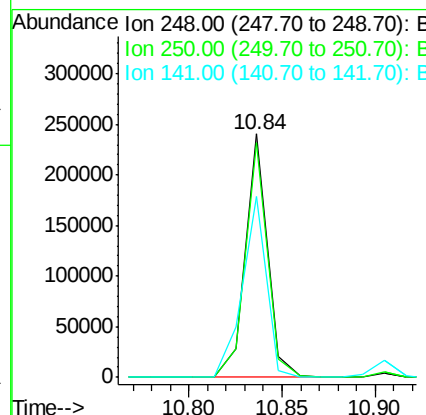
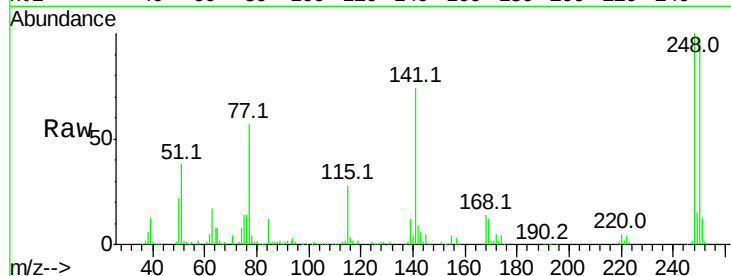
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	74.3	68.2	102.4

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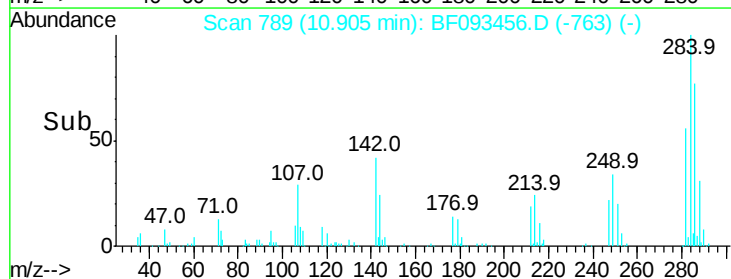
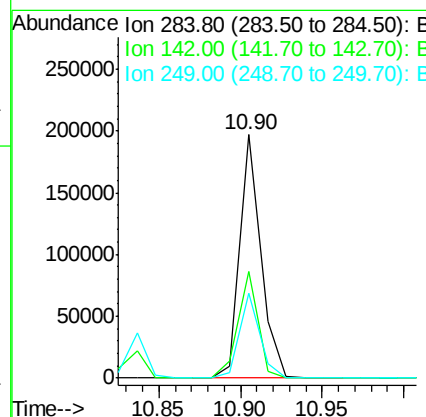
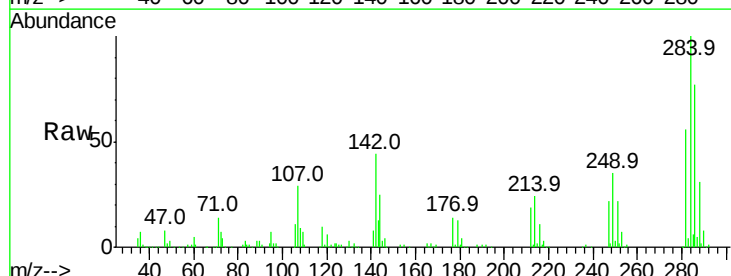
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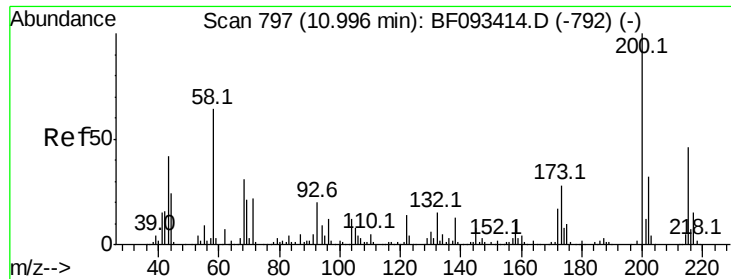
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#67
 Hexachlorobenzene
 Concen: 37.86 ng
 RT: 10.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.1	22.6	33.8#
249	35.1	25.4	38.0





#68
Atrazine
Concen: 35.97 ng
RT: 11.00 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

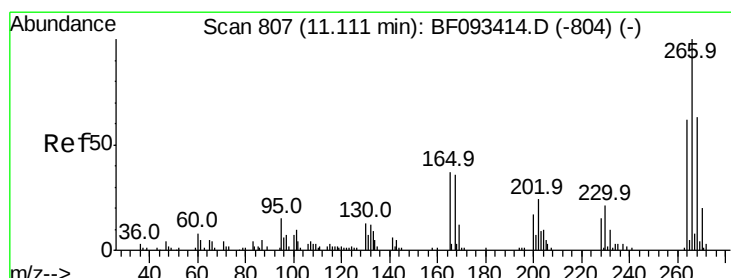
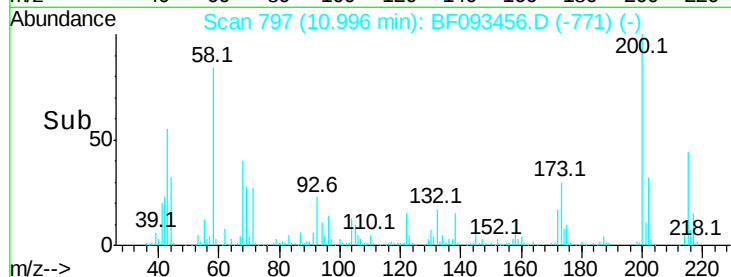
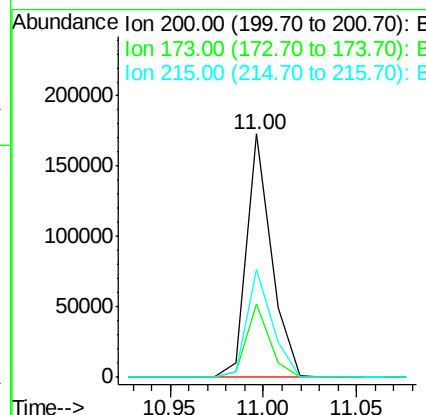
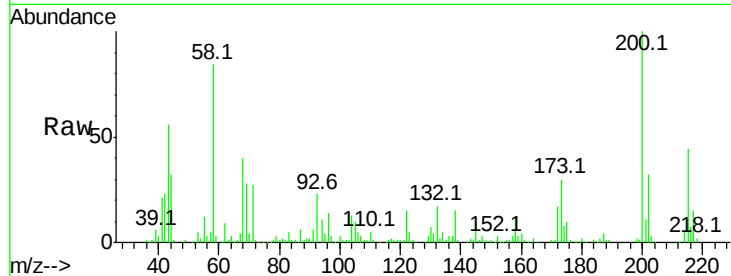
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.3	9.6	49.6
215	44.5	25.7	65.7

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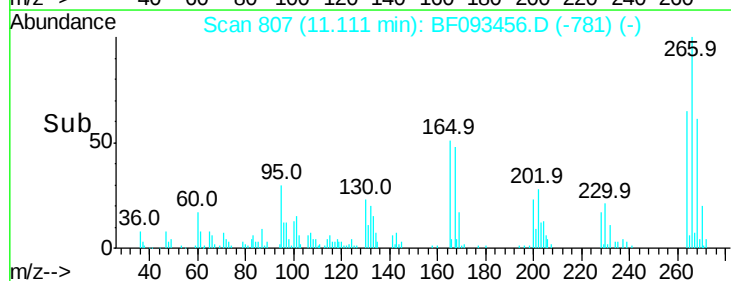
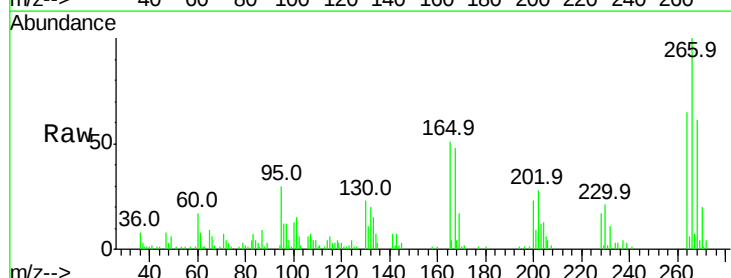
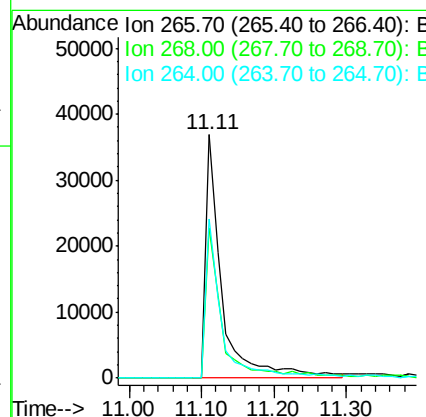
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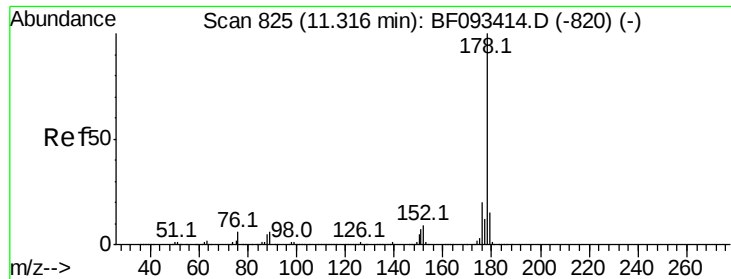
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#69
Pentachlorophenol
Concen: 36.35 ng
RT: 11.11 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.5	53.3	79.9
264	65.2	50.3	75.5





#70

Phenanthrene

Concen: 37.34 ng

RT: 11.32 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

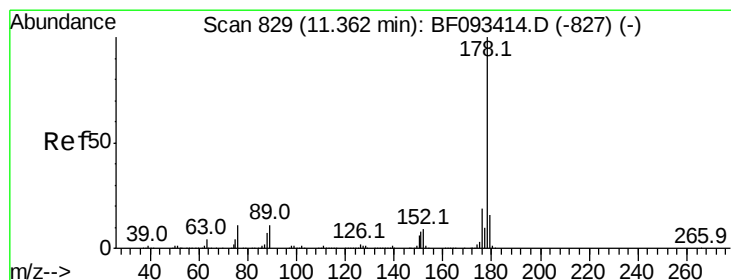
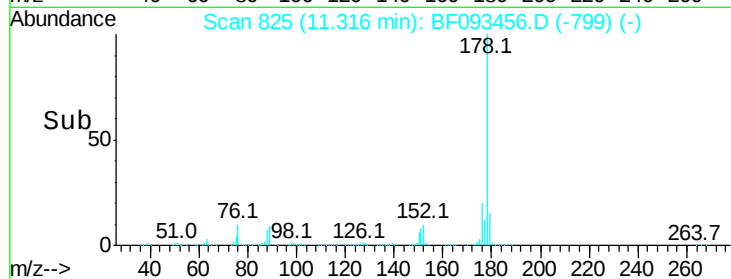
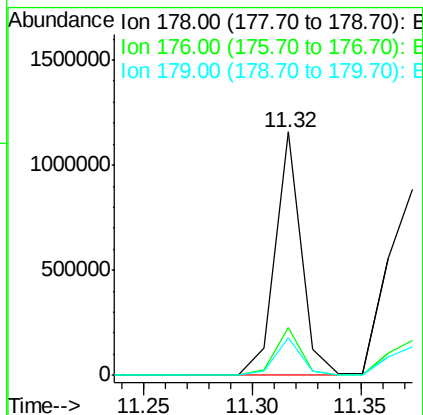
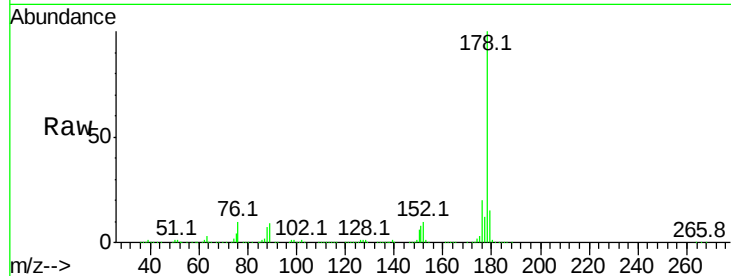
Tot Ion:	178	Resp:	971809
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.6	25.0
179	15.3	12.8	19.2

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#71

Anthracene

Concen: 39.00 ng

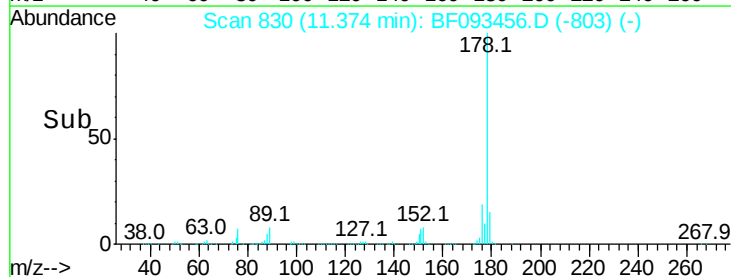
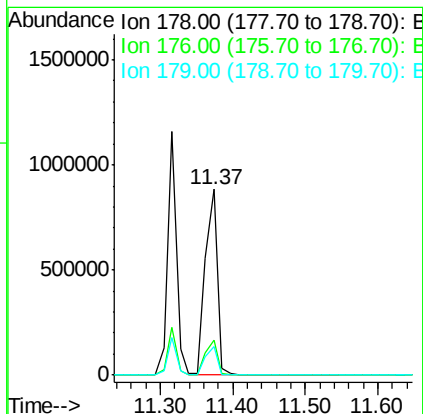
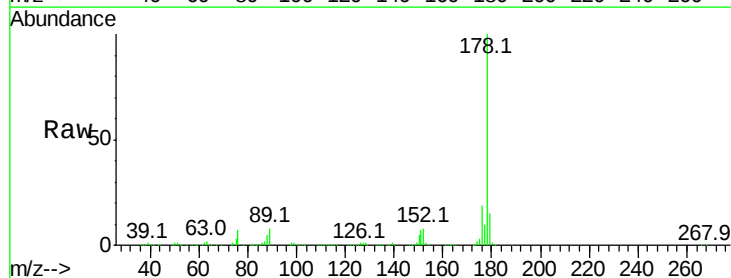
RT: 11.37 min Scan# 830

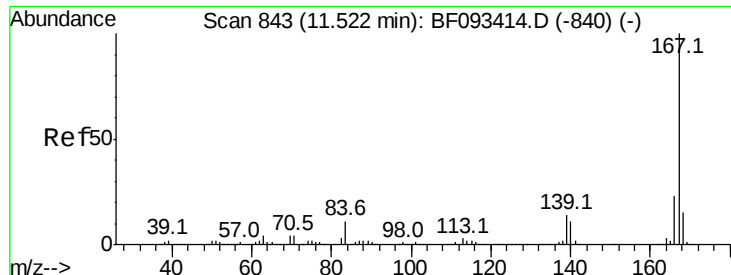
Delta R.T. 0.01 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Tgt Ion:	178	Resp:	1026821
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.9	23.9
179	15.1	13.2	19.8





#72
 Carbazole
 Concen: 40.24 ng
 RT: 11.53 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

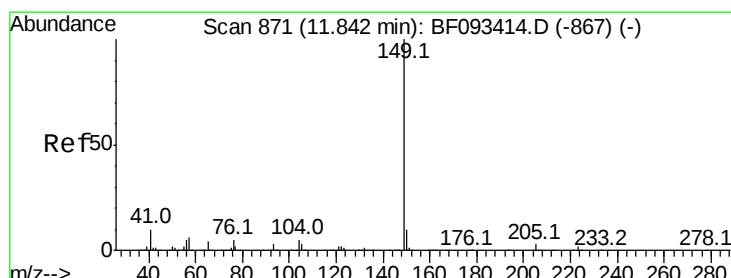
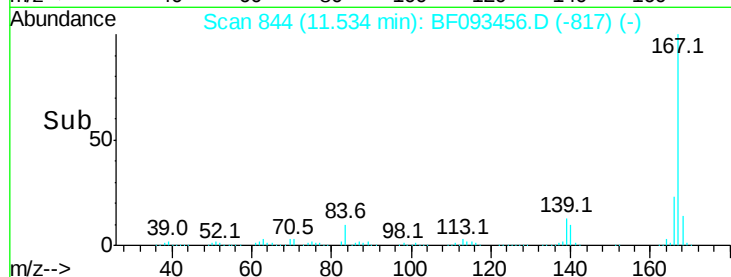
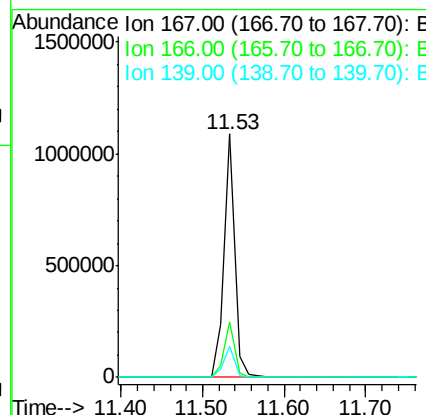
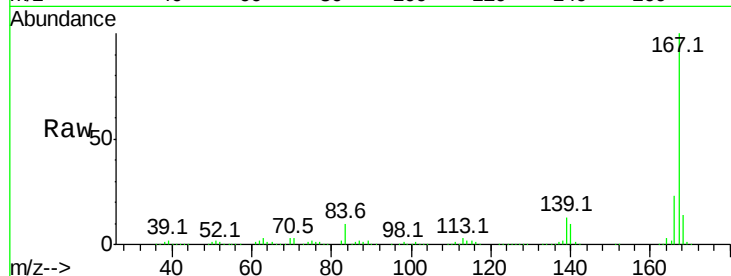
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.8	18.2	27.2	
139	12.8	11.4	17.2	

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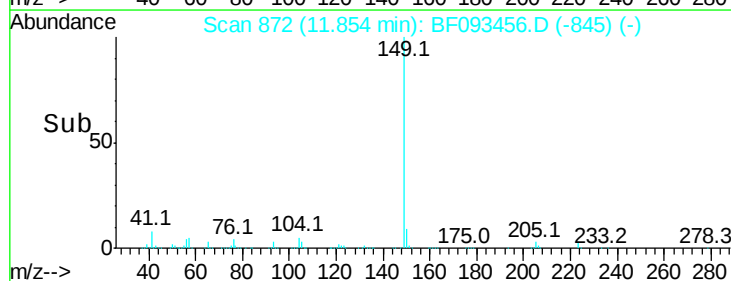
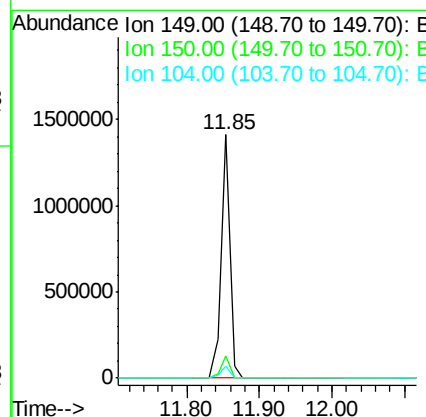
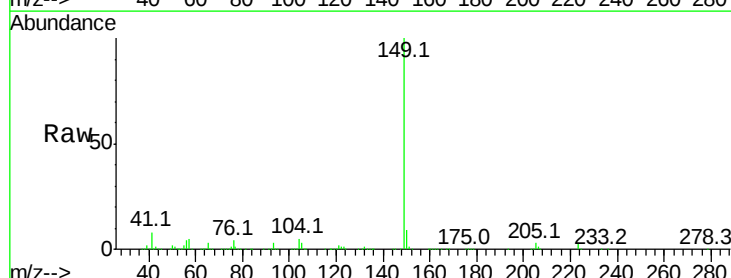
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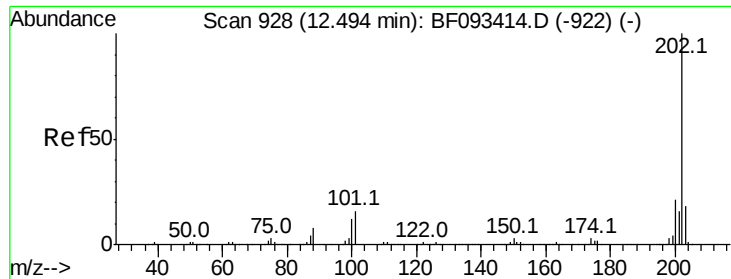
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#73
 Di-n-butylphthalate
 Concen: 41.04 ng
 RT: 11.85 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	8.1	12.1	
104	4.7	4.6	7.0	





#74
Fluoranthene
 Concen: 33.73 ng
 RT: 12.51 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

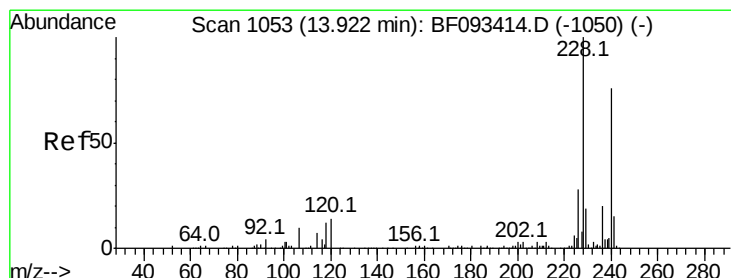
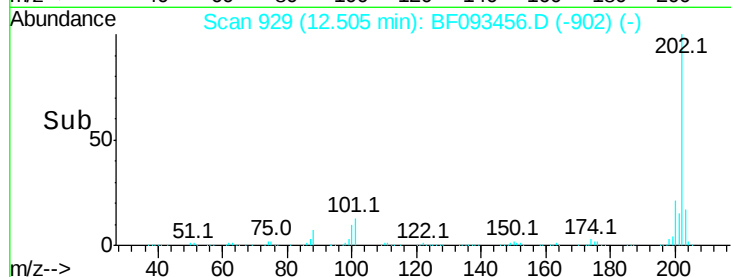
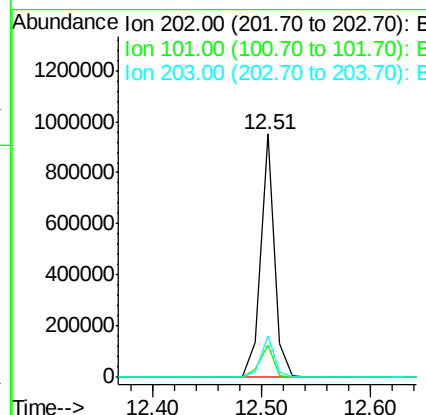
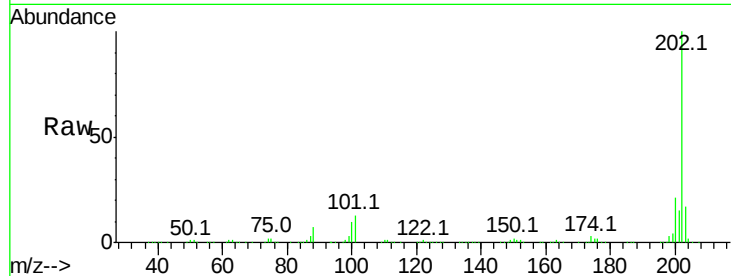
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	847924		
101	13.4	0.0	34.6	
203	17.2	0.0	38.7	

Manual Integrations
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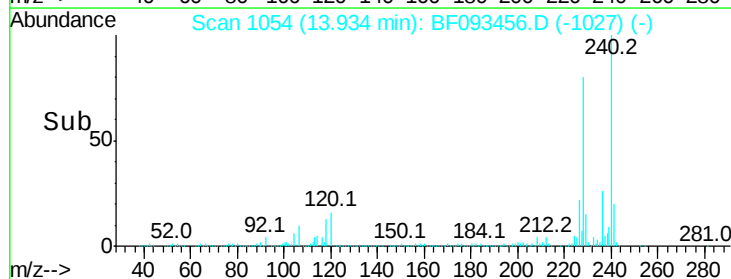
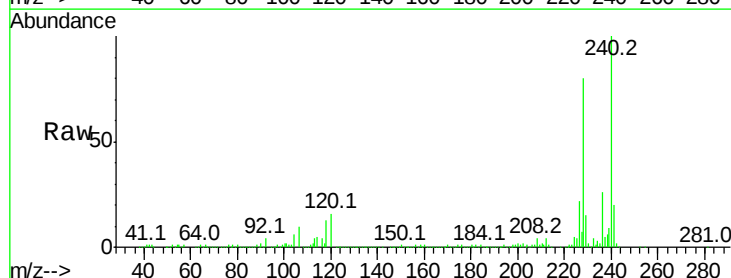
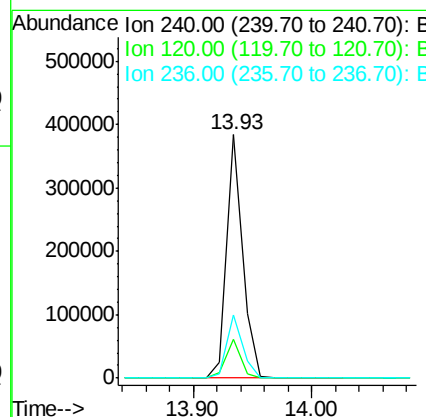
mohammad
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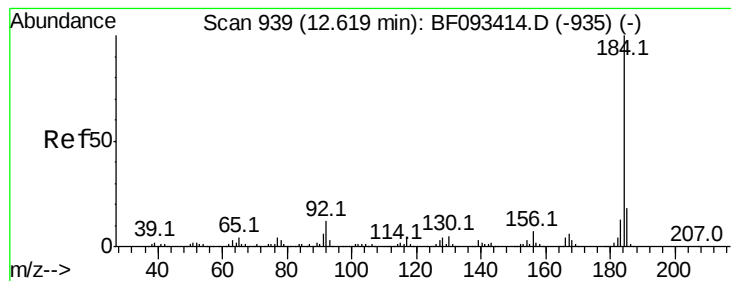
3/10/2017 8:12:44 AM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	353552		
120	16.1	12.9	19.3	
236	26.2	20.9	31.3	





#76
Benzidine
Concen: 36.79 ng
RT: 12.63 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

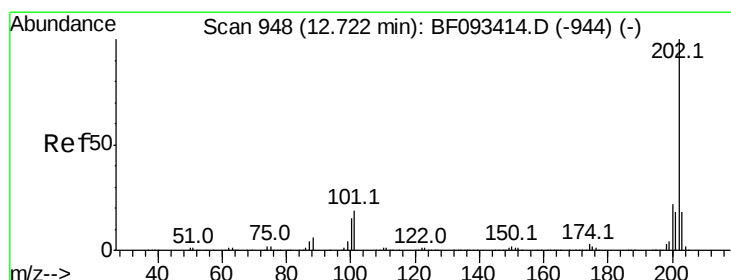
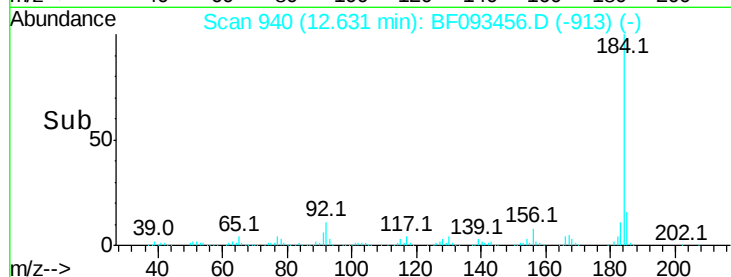
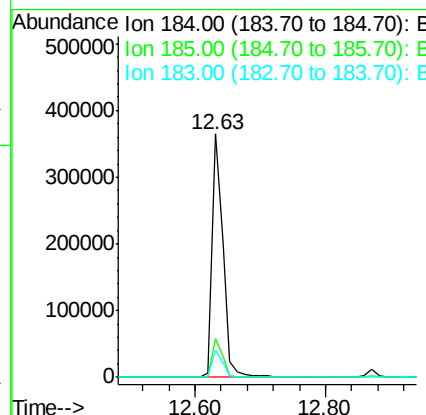
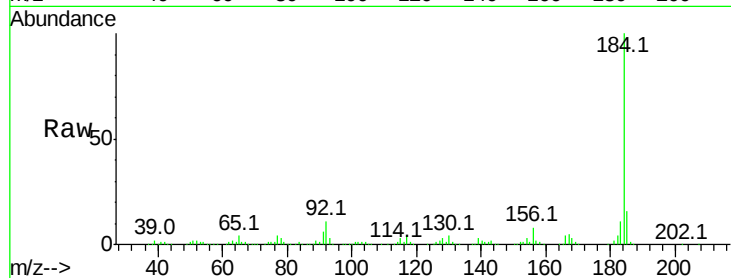
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.4	20.0
183	11.5	9.2	13.8

Manual Integrations
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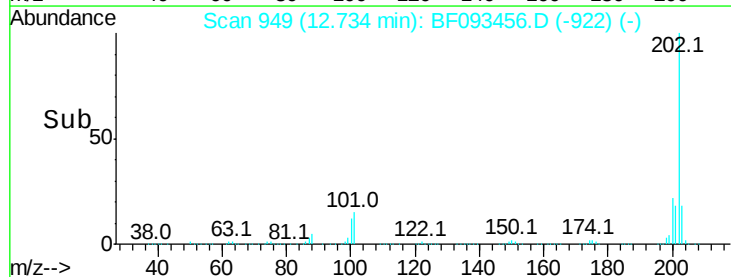
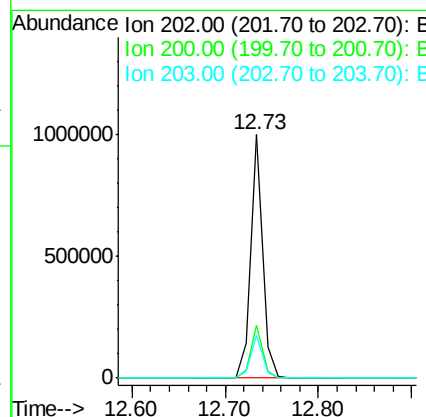
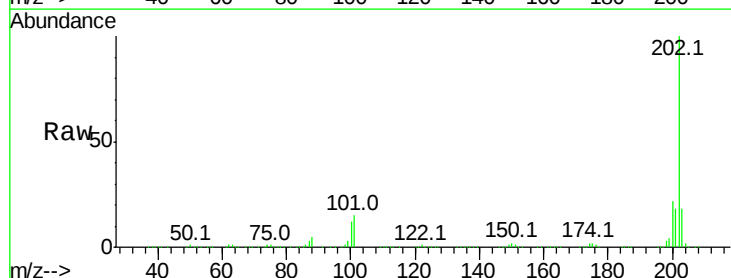
mohammad
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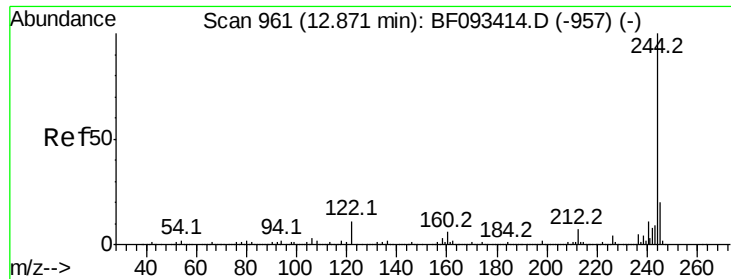
3/10/2017 8:12:44 AM



#77
Pyrene
Concen: 34.39 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.7	14.7	22.1





#78
 Terphenyl-d14
 Concen: 74.18 ng
 RT: 12.87 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

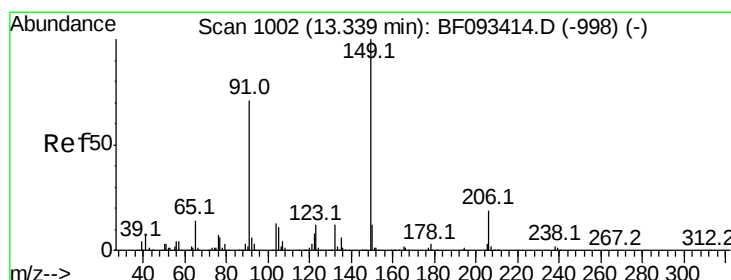
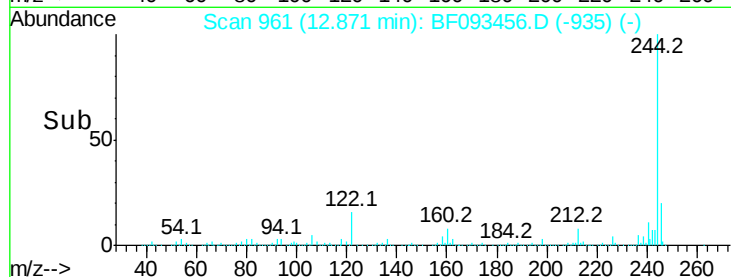
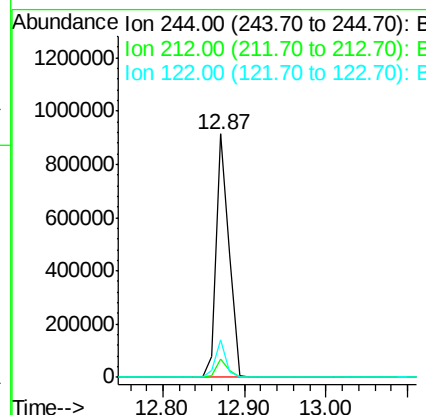
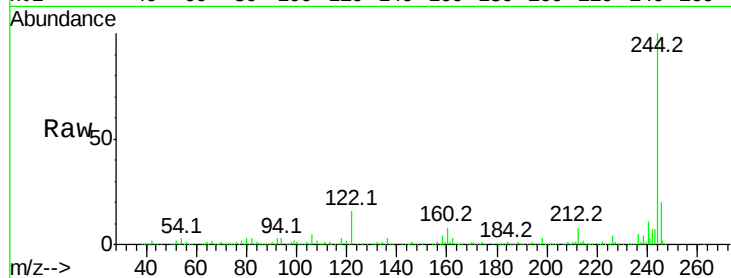
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 1008760
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 15.6 11.4 17.2

Manual Integrations
 APPROVED

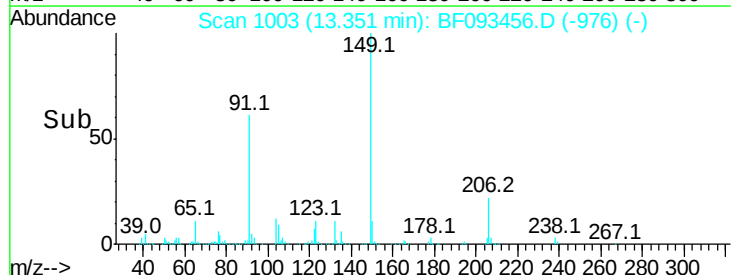
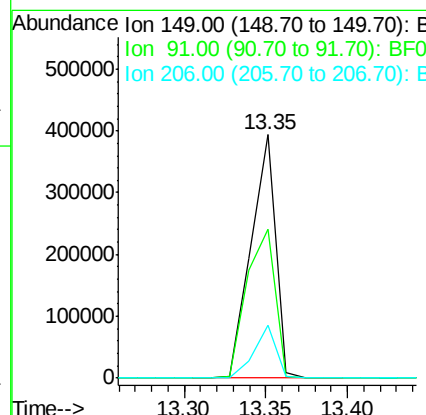
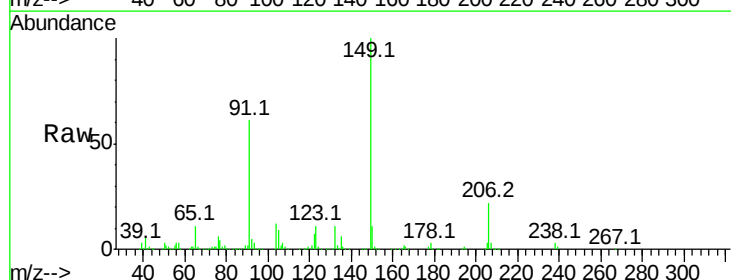
mohammad
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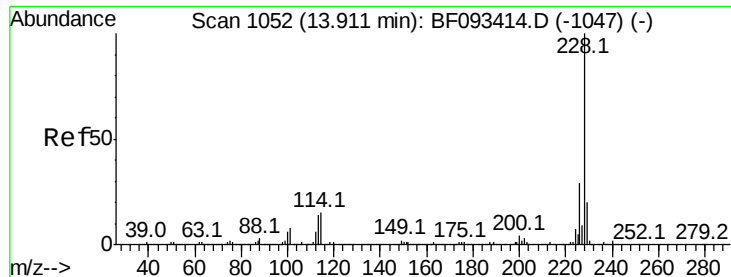
3/10/2017 8:12:44 AM



#79
 Butylbenzylphthalate
 Concen: 38.00 ng
 RT: 13.35 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: BF093456.D
 Acq: 9 Mar 2017 5:20

Tgt Ion:149 Resp: 411309
 Ion Ratio Lower Upper
 149 100
 91 61.0 63.9 95.9#
 206 21.9 14.6 21.8#





#80
Benzo(a)anthracene
Concen: 39.31 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

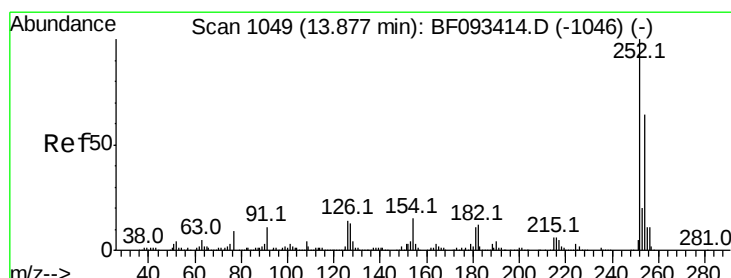
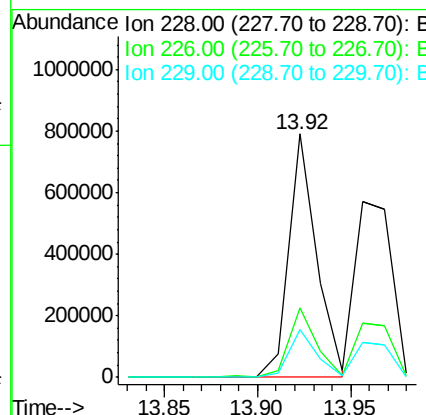
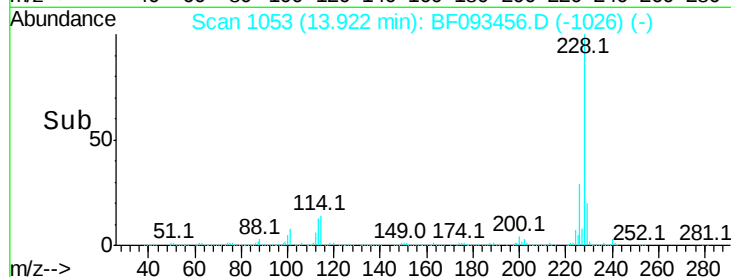
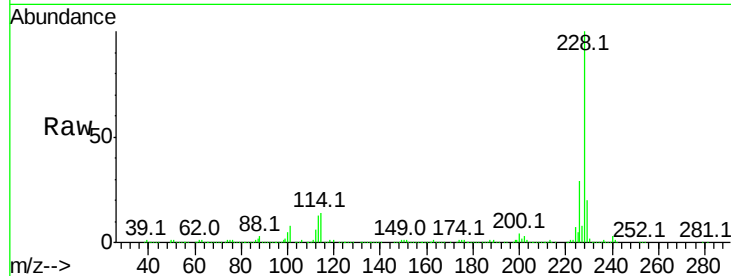
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	19.8	16.2	24.4

Manual Integrations
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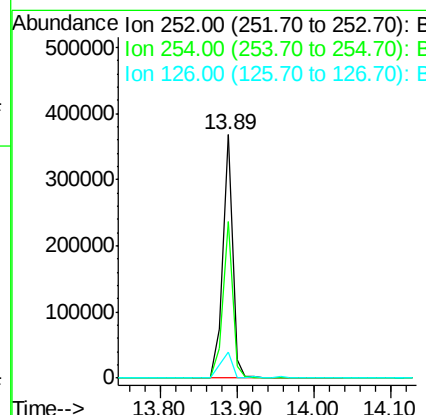
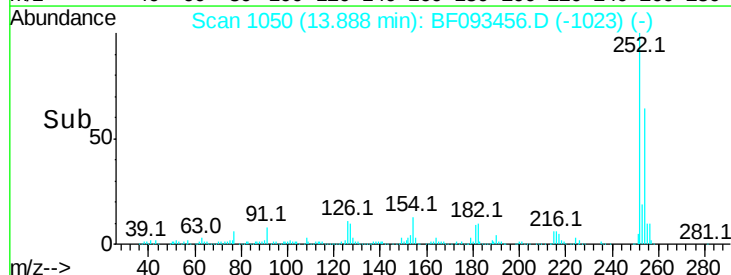
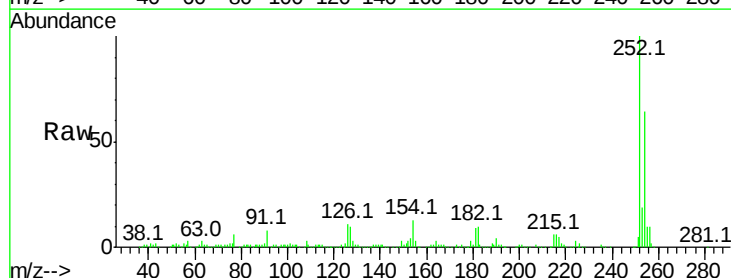
mohammad
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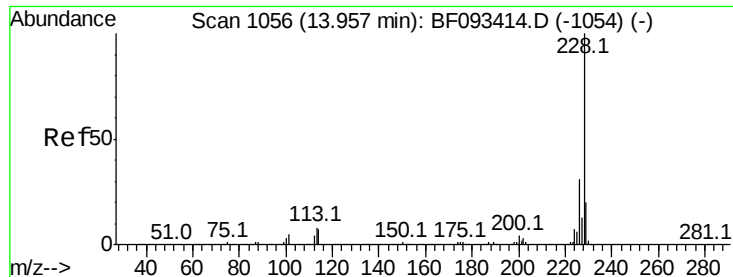
3/10/2017 8:12:44 AM



#81
3,3'-Dichlorobenzidine
Concen: 45.02 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.3	78.5
126	10.7	13.6	20.4





#82

Chrysene

Concen: 40.38 ng

RT: 13.96 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

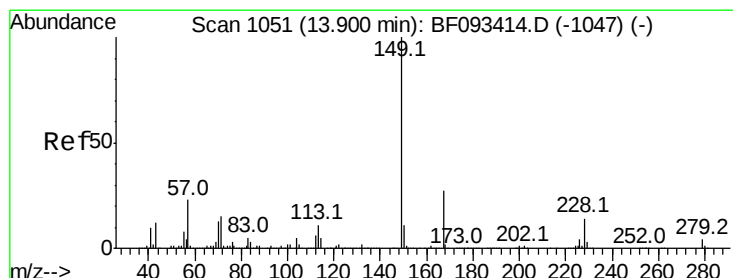
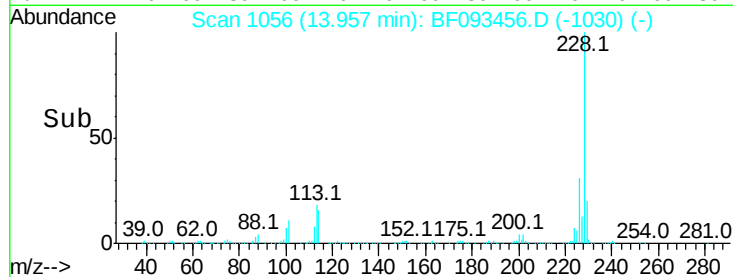
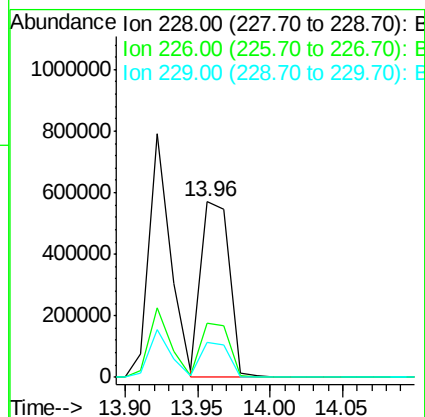
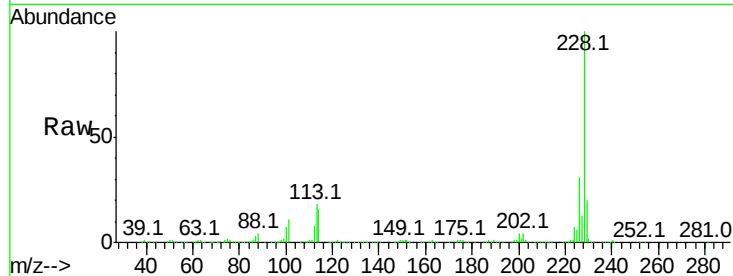
Tot Ion:	228	Resp:	779932
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.4	38.0
229	19.7	16.2	24.2

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 38.05 ng

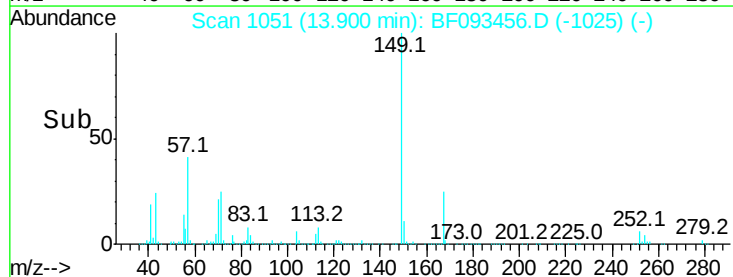
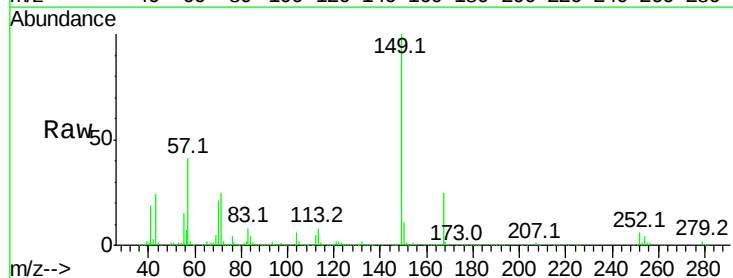
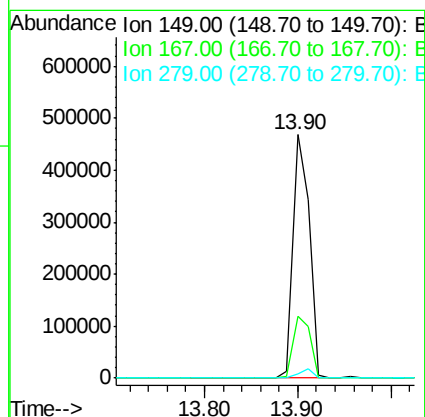
RT: 13.90 min Scan# 1051

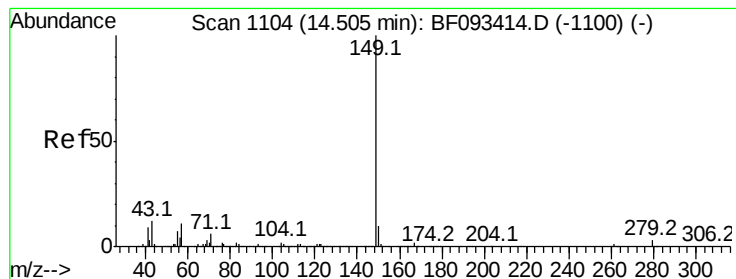
Delta R.T. 0.00 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Tgt Ion:	149	Resp:	574114
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.2	30.4
279	1.9	1.8	2.8





#84

Di-n-octyl phthalate

Concen: 41.74 ng

RT: 14.52 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1049496

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 8.9 13.3

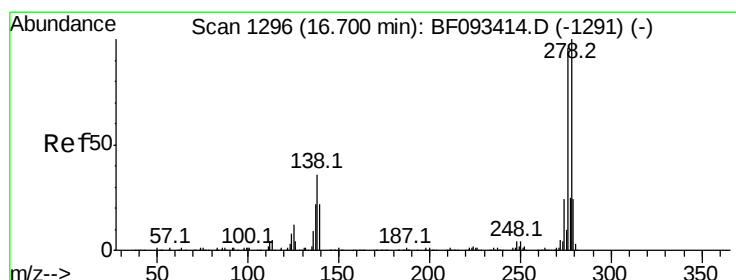
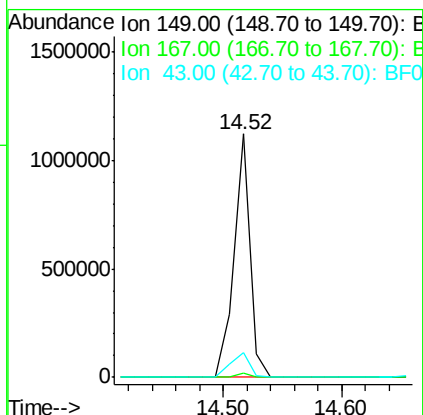
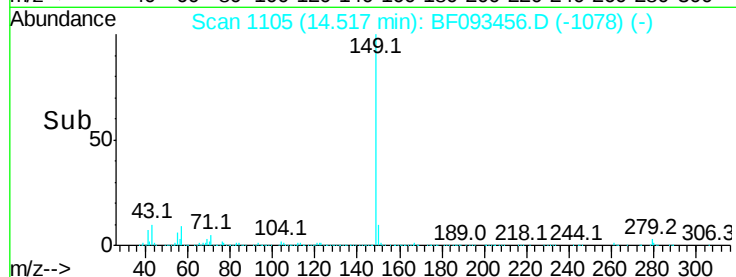
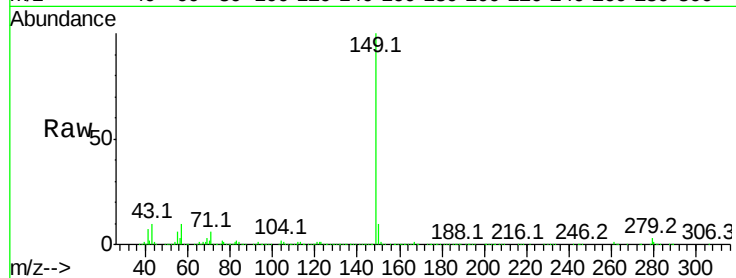
Manual Integrations

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#85

Indeno(1,2,3-cd)pyrene

Concen: 37.10 ng

RT: 16.73 min Scan# 1299

Delta R.T. 0.03 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

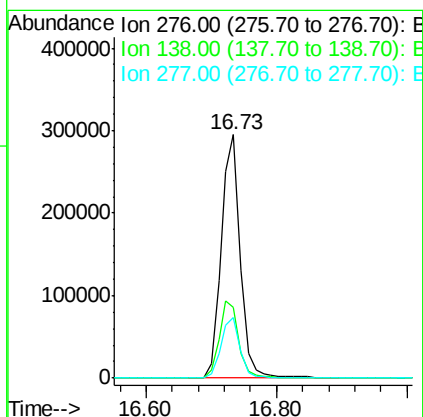
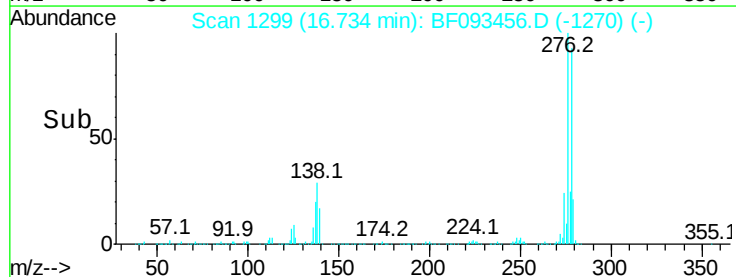
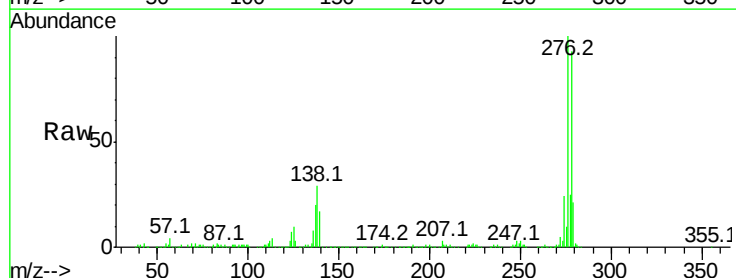
Tgt Ion:276 Resp: 599841

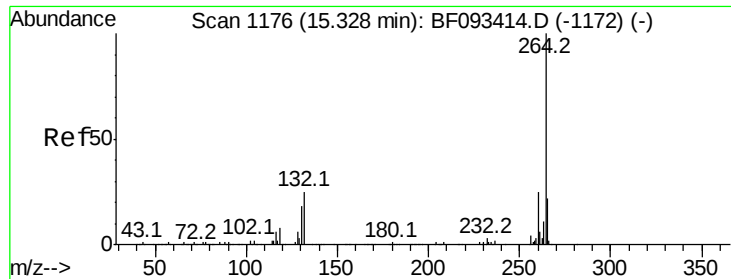
Ion Ratio Lower Upper

276 100

138 32.8 21.8 32.6#

277 25.1 20.2 30.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

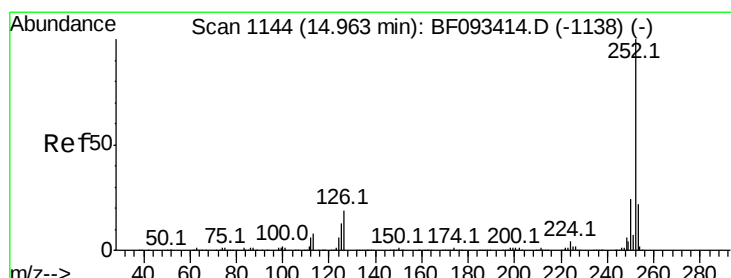
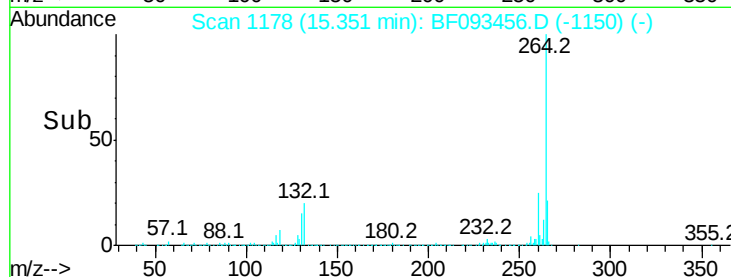
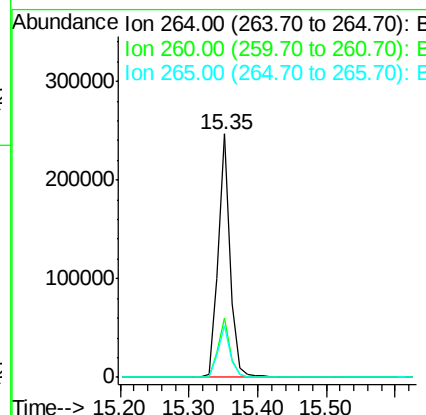
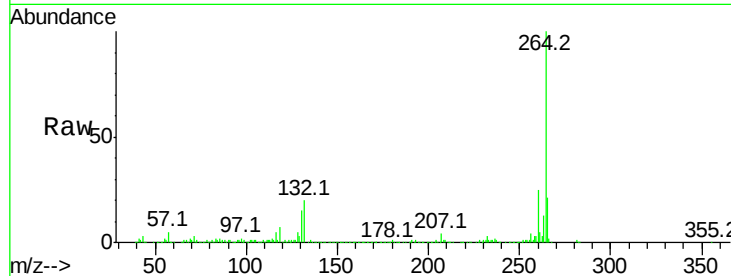
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	17.4	26.0

Manual Integrations
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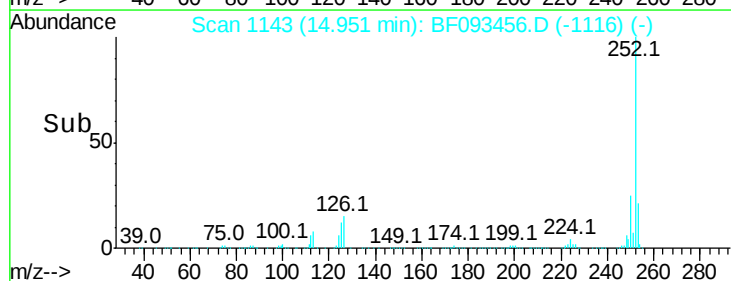
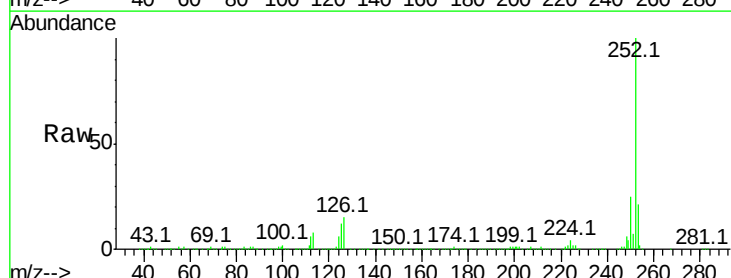
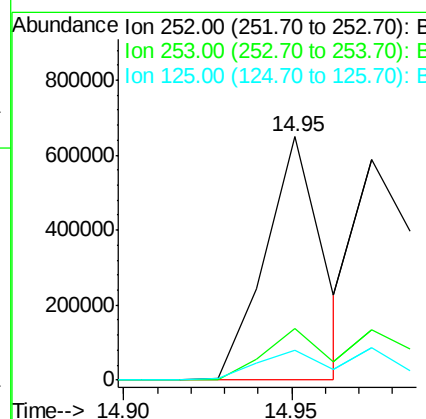
mohammad
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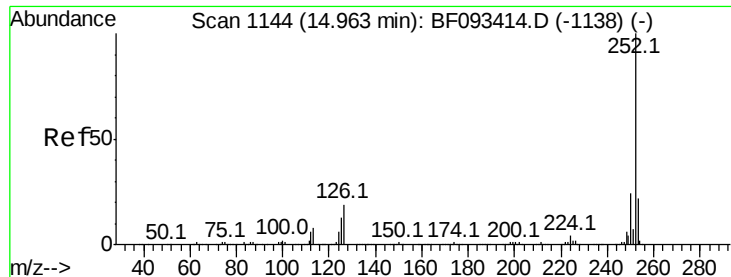
3/10/2017 8:12:44 AM



#87
Benzo(b)fluoranthene
Concen: 41.63 ng m
RT: 14.95 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	12.1	9.8	14.6





#88

Benzo(k)fluoranthene

Concen: 39.46 ng

RT: 14.97 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Instrument :
BNA_F

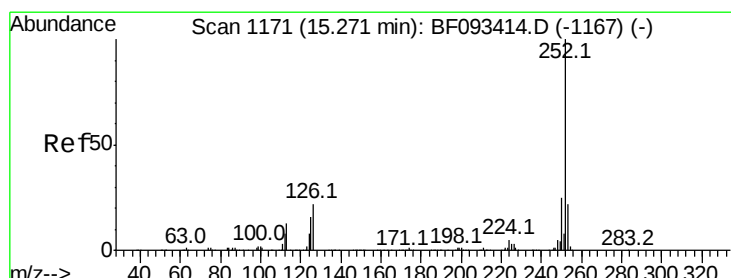
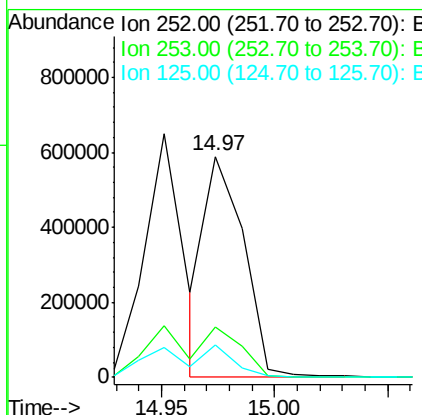
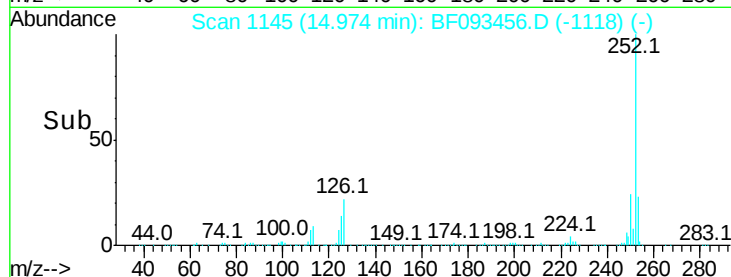
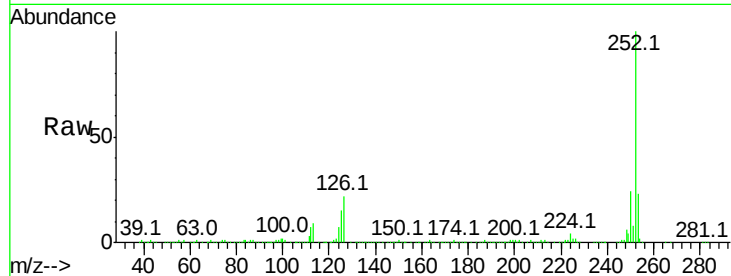
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	14.6	8.9	13.3

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 40.44 ng

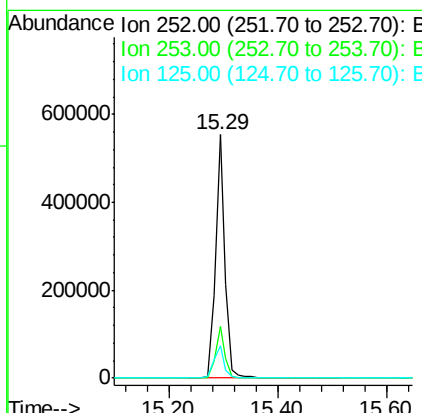
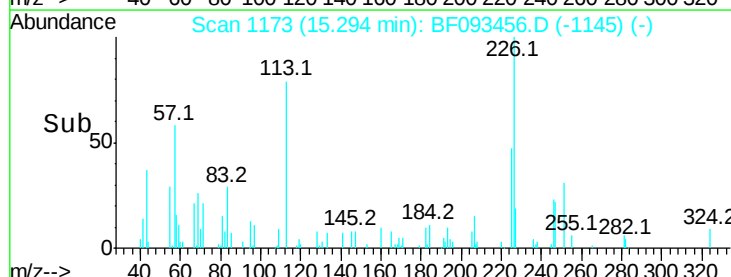
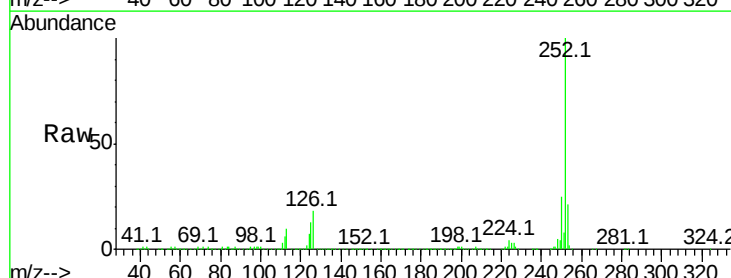
RT: 15.29 min Scan# 1173

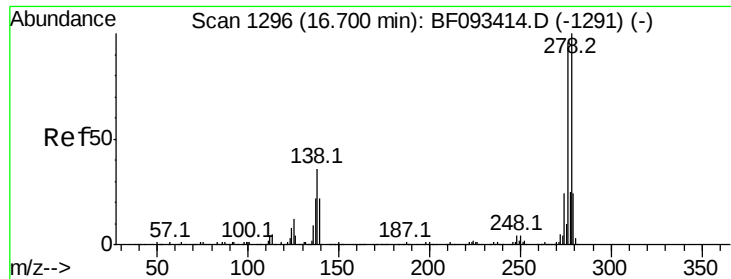
Delta R.T. 0.02 min

Lab File: BF093456.D

Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	13.2	10.0	15.0





#90
Dibenzo(a,h)anthracene
Concen: 37.34 ng
RT: 16.73 min Scan# 1299
Delta R.T. 0.03 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

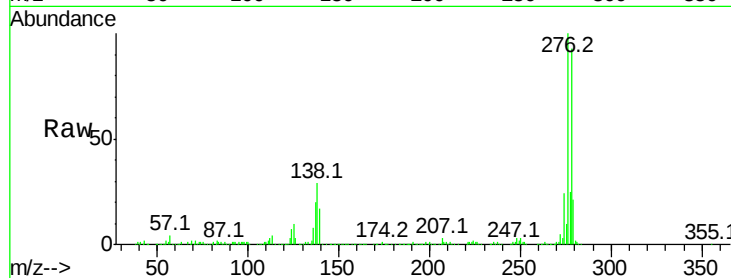
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.8	22.2
279	22.6	19.8	29.6

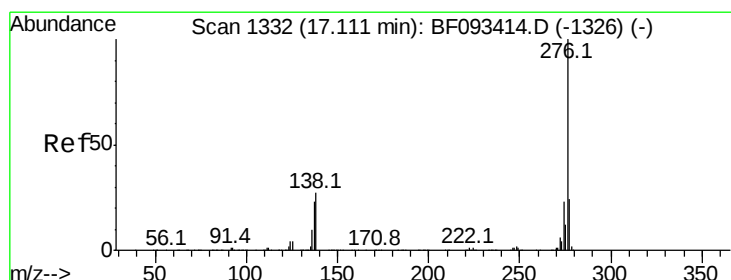
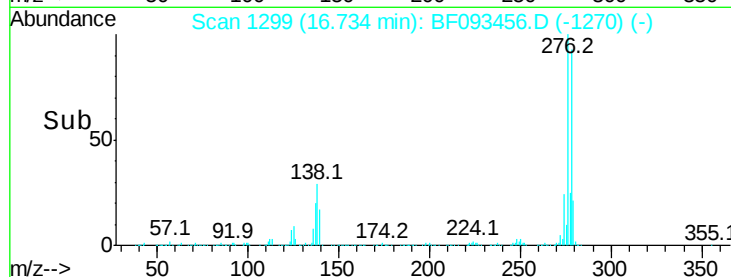
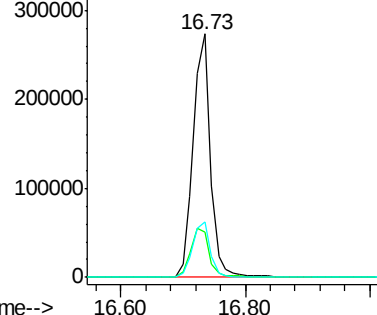
Manual Integrations
APPROVED

mohammad
3/10/2017 8:12:44 AM

3/10/2017 8:12:44 AM

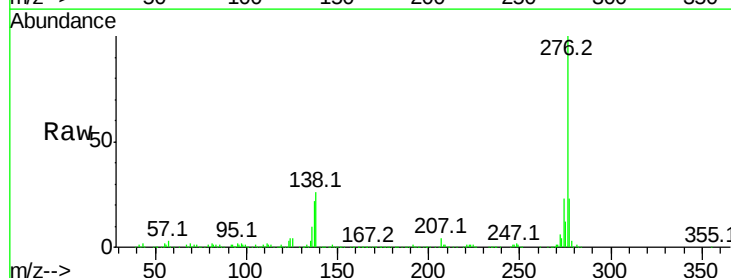


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 35.16 ng
RT: 17.15 min Scan# 1335
Delta R.T. 0.03 min
Lab File: BF093456.D
Acq: 9 Mar 2017 5:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	25.7	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

