

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089715.D
 Acq On : 11 Aug 2016 1:24
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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8/11/2016 5:52:30 PM

Quant Time: Aug 11 02:30:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 01:52:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	72431	20.00	ng	0.01
21) Naphthalene-d8	9.44	136	288719	20.00	ng	0.00
38) Acenaphthene-d10	12.26	164	118302	20.00	ng	0.00
63) Phenanthrene-d10	14.65	188	189871	20.00	ng	0.00
75) Chrysene-d12	18.37	240	149076	20.00	ng	0.00
86) Perylene-d12	20.03	264	139923	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	357130	82.64	ng	0.01
7) Phenol-d6	6.98	99	452010	77.10	ng	0.01
23) Nitrobenzene-d5	8.33	82	418371	80.15	ng	0.00
41) 2,4,6-Tribromophenol	13.55	330	64912	66.49	ng	0.00
44) 2-Fluorobiphenyl	11.22	172	706798	77.65	ng	0.00
78) Terphenyl-d14	17.03	244	442229	58.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.70	88	92404	37.30	ng	93
3) Pyridine	2.25	79	201255	44.21	ng	98
4) n-Nitrosodimethylamine	2.24	42	80922	41.61	ng	98
6) Aniline	6.91	93	288935	38.03	ng	97
8) 2-Chlorophenol	7.10	128	206146	38.85	ng	99
9) Benzaldehyde	6.71	77	113770m	53.49	ng	
10) Phenol	6.99	94	240344	39.93	ng	97
11) bis(2-Chloroethyl)ether	7.06	93	198079	38.31	ng	97
12) 1,3-Dichlorobenzene	7.31	146	221737	38.48	ng	100
13) 1,4-Dichlorobenzene	7.44	146	224941	39.14	ng	100
14) 1,2-Dichlorobenzene	7.67	146	214375	35.39	ng	99
15) Benzyl Alcohol	7.70	79	156492	40.71	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.91	45	246589	37.45	ng	# 52
17) 2-Methylphenol	7.93	107	153357	40.02	ng	# 90
18) Hexachloroethane	8.18	117	70446	29.09	ng	91
19) n-Nitroso-di-n-propylamine	8.15	70	152856	36.09	ng	97
20) 3+4-Methylphenols	8.19	107	196432	40.61	ng	98
22) Acetophenone	8.10	105	288116	41.86	ng	99
24) Nitrobenzene	8.36	77	219410	44.25	ng	93
25) Isophorone	8.75	82	387770	38.80	ng	100
26) 2-Nitrophenol	8.86	139	64921	28.53	ng	98
27) 2,4-Dimethylphenol	9.02	122	166055	40.59	ng	97
28) bis(2-Chloroethoxy)methane	9.14	93	249667	41.29	ng	99
29) 2,4-Dichlorophenol	9.29	162	152200	39.32	ng	96
30) 1,2,4-Trichlorobenzene	9.37	180	172721	39.07	ng	98
31) Naphthalene	9.47	128	568803	37.07	ng	99
32) Benzoic acid	9.32	122	39116	15.22	ng	90
33) 4-Chloroaniline	9.62	127	239282	41.52	ng	95
34) Hexachlorobutadiene	9.69	225	95625	37.56	ng	99
35) Caprolactam	10.28	113	42997	38.12	ng	98
36) 4-Chloro-3-methylphenol	10.49	107	171276	38.07	ng	98
37) 2-Methylnaphthalene	10.59	142	358026	37.94	ng	100
39) 1,2,4,5-Tetrachlorobenzene	10.88	216	185434	41.70	ng	100
40) Hexachlorocyclopentadiene	10.86	237	9191	14.35	ng	99

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Manual Integrations
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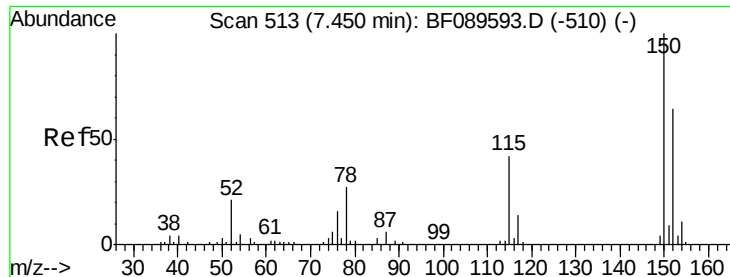
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8/11/2016 5:52:30 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.11	196	90316	41.18	ng	98
43) 2,4,5-Trichlorophenol	11.19	196	89175	38.04	ng	96
45) 1,1'-Biphenyl	11.37	154	419654	39.33	ng	98
46) 2-Chloronaphthalene	11.38	162	314643	39.34	ng	99
47) 2-Nitroaniline	11.60	65	112388	43.59	ng	91
48) Acenaphthylene	12.03	152	484262	36.75	ng	100
49) Dimethylphthalate	11.93	163	383442	41.35	ng	99
50) 2,6-Dinitrotoluene	12.01	165	65933	35.76	ng	# 78
51) Acenaphthene	12.32	154	283047	37.19	ng	99
52) 3-Nitroaniline	12.27	138	93011	42.18	ng	89
54) Dibenzofuran	12.61	168	390343	37.31	ng	99
55) 4-Nitrophenol	12.70	139	36309	29.06	ng	# 63
56) 2,4-Dinitrotoluene	12.67	165	81627	31.48	ng	# 82
57) Fluorene	13.15	166	317678	35.52	ng	98
58) 2,3,4,6-Tetrachlorophenol	12.85	232	57799	32.48	ng	99
59) Diethylphthalate	13.07	149	373498	38.95	ng	100
60) 4-Chlorophenyl-phenylether	13.19	204	156909	38.26	ng	98
61) 4-Nitroaniline	13.28	138	83386	42.06	ng	98
62) Azobenzene	13.44	77	346752	37.39	ng	92
64) 4,6-Dinitro-2-methylphenol	13.35	198	2634	7.37	ng	# 76
65) n-Nitrosodiphenylamine	13.41	169	285168	44.47	ng	98
66) 4-Bromophenyl-phenylether	13.97	248	80964	44.09	ng	# 83
67) Hexachlorobenzene	14.05	284	79800	39.50	ng	# 79
68) Atrazine	14.32	200	51327	28.67	ng	98
69) Pentachlorophenol	14.40	266	32804	40.10	ng	99
70) Phenanthrene	14.70	178	401166	38.86	ng	99
71) Anthracene	14.78	178	414810	37.47	ng	99
72) Carbazole	15.07	167	366662	39.75	ng	99
73) Di-n-butylphthalate	15.67	149	497137	39.85	ng	100
74) Fluoranthene	16.47	202	406463	38.30	ng	97
76) Benzidine	16.71	184	196925	43.58	ng	100
77) Pyrene	16.77	202	410908	31.18	ng	99
79) Butylbenzylphthalate	17.70	149	197984	35.30	ng	99
80) Benzo(a)anthracene	18.35	228	337930	39.45	ng	100
81) 3,3'-Dichlorobenzidine	18.34	252	126943	47.04	ng	# 97
82) Chrysene	18.40	228	350628	39.02	ng	99
83) Bis(2-ethylhexyl)phthalate	18.45	149	269236	34.67	ng	99
84) Di-n-octyl phthalate	19.22	149	473104	42.34	ng	96
85) Indeno(1,2,3-cd)pyrene	21.22	276	283043	41.48	ng	98
87) Benzo(b)fluoranthene	19.63	252	343235	39.88	ng	100
88) Benzo(k)fluoranthene	19.66	252	305149m	35.15	ng	
89) Benzo(a)pyrene	19.98	252	298625	37.06	ng	# 96
90) Dibenzo(a,h)anthracene	21.23	278	247928	32.94	ng	97
91) Benzo(g,h,i)perylene	21.57	276	236863	30.74	ng	96

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF089715.D
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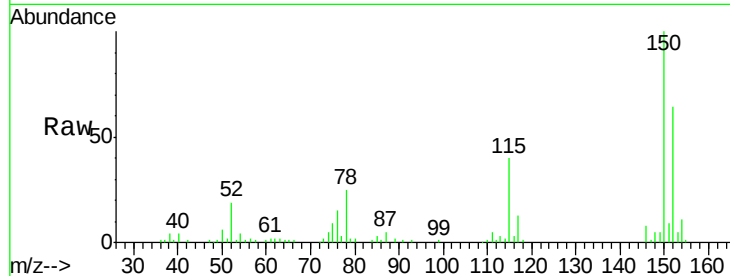
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.5	188.3
115	62.0	52.0	78.0

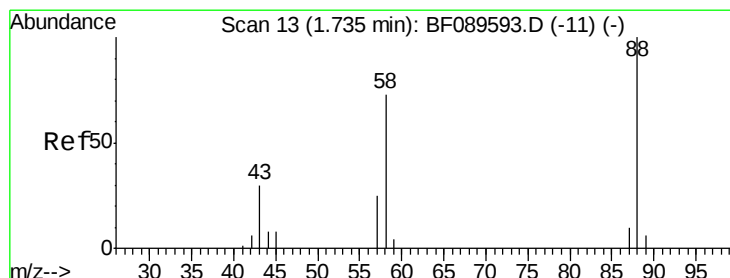
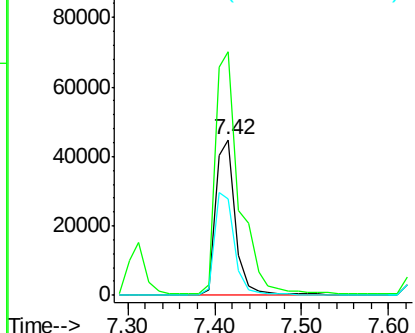
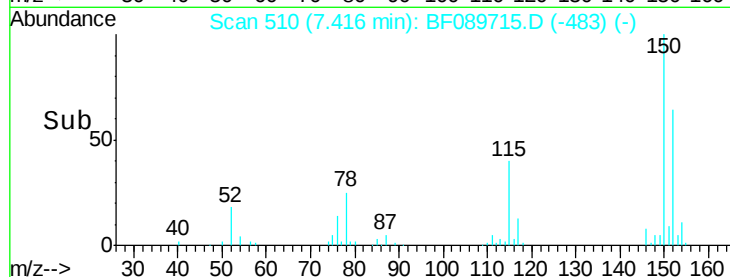
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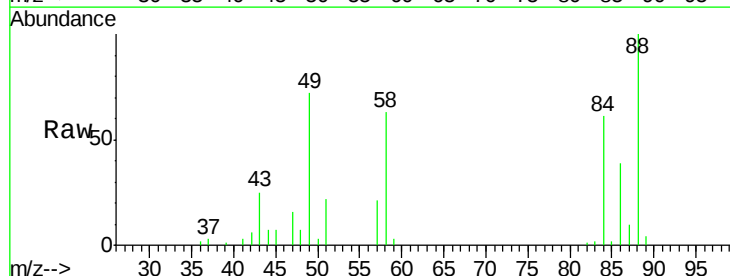
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



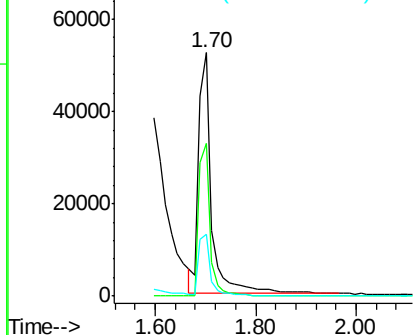
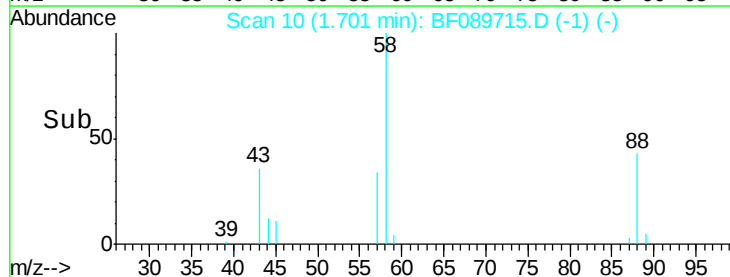
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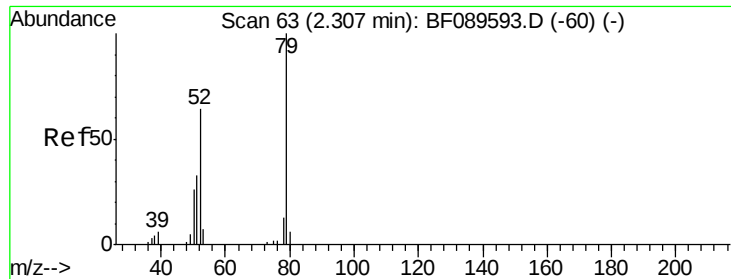
1,4-Dioxane
Concen: 37.30 ng
RT: 1.70 min Scan# 10
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.5	49.8	74.8
43	24.4	20.1	30.1



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3
 Pyridine
 Concen: 44.21 ng
 RT: 2.25 min Scan# 58
 Delta R.T. -0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

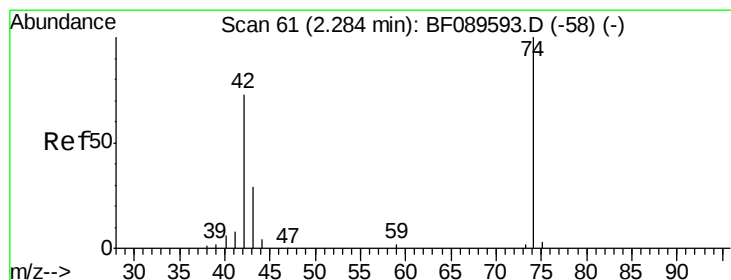
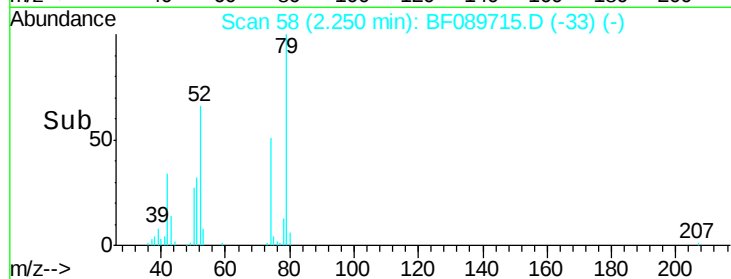
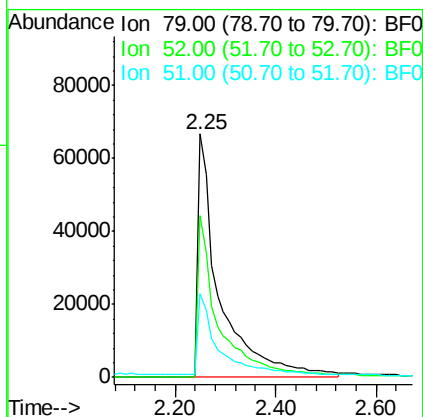
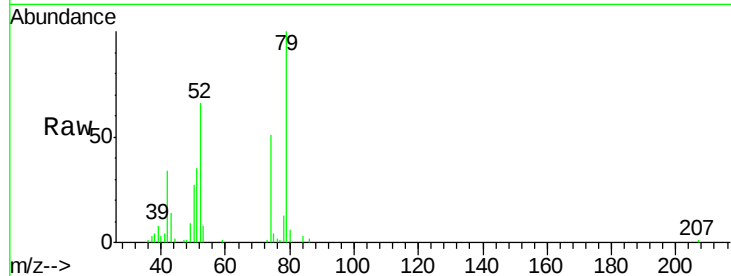
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ion	Ratio	Lower	Upper
79	100			
52	66.5	51.0	76.4	
51	34.6	27.9	41.9	

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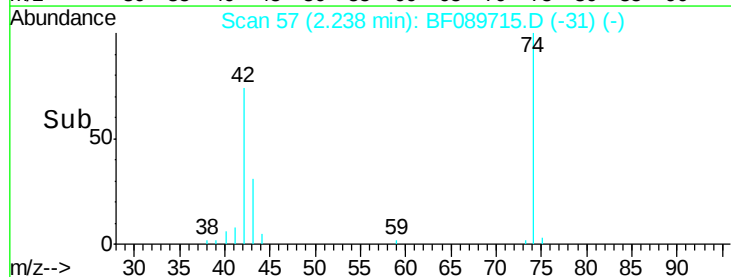
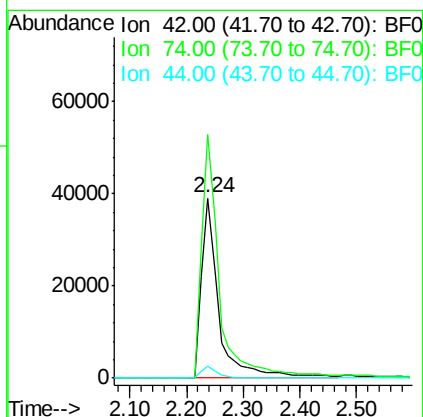
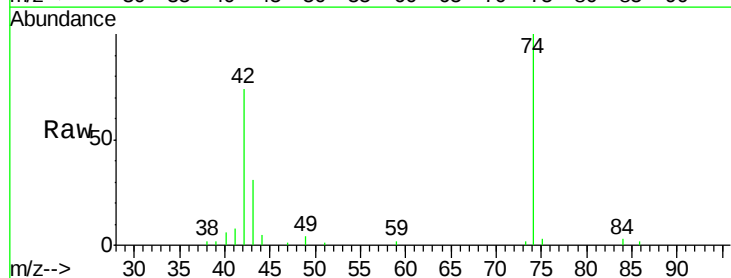
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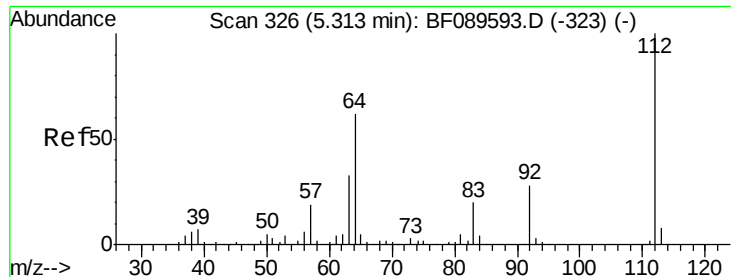
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#4
 n-Nitrosodimethylamine
 Concen: 41.61 ng
 RT: 2.24 min Scan# 57
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	135.2	110.0	165.0	
44	6.6	4.8	7.2	





#5
 2-Fluorophenol
 Concen: 82.64 ng
 RT: 5.30 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

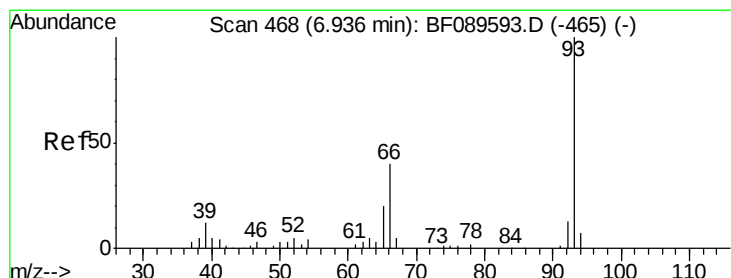
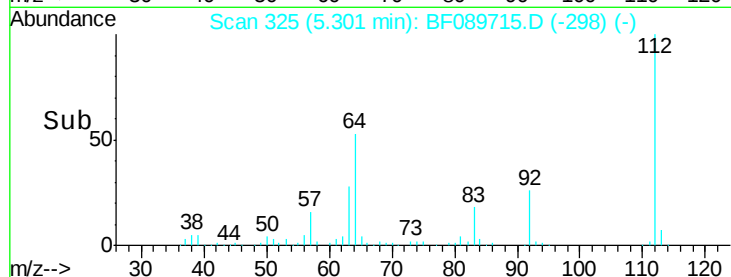
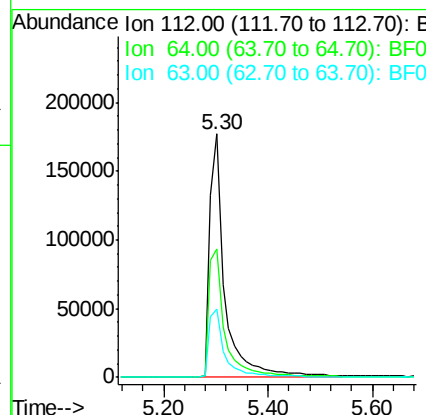
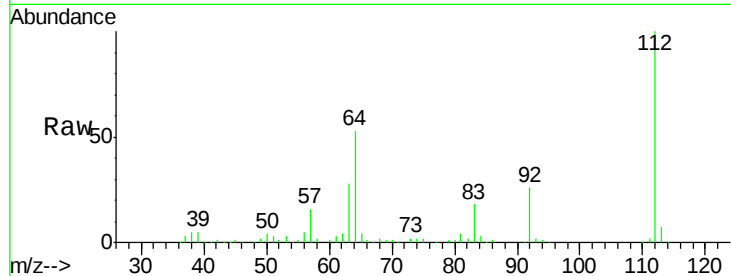
Instrument :
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 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	112	Resp:	357130
Ion Ratio	Lower	Upper	
112	100		
64	52.6	49.9	74.9
63	28.3	26.1	39.1

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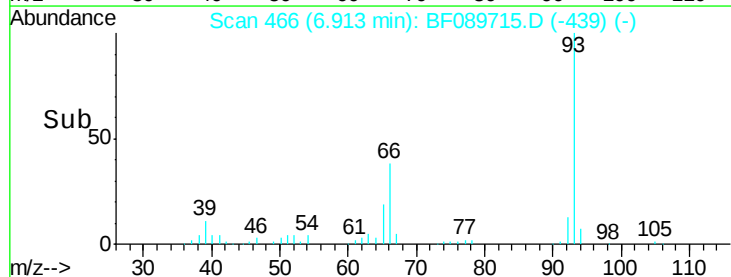
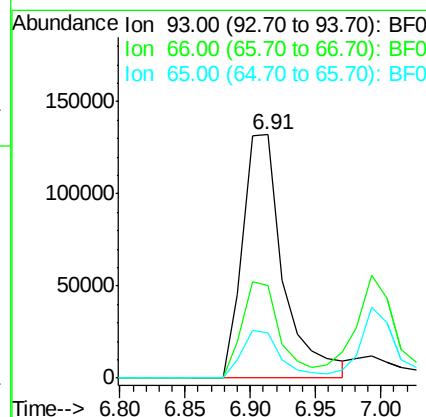
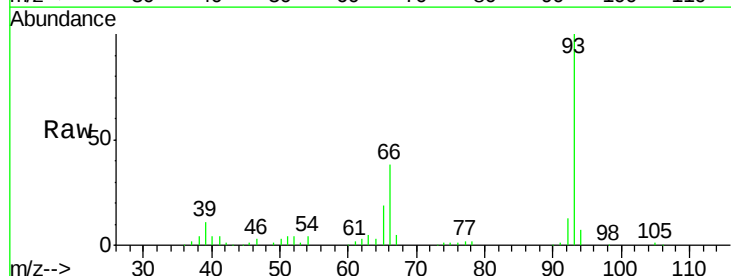
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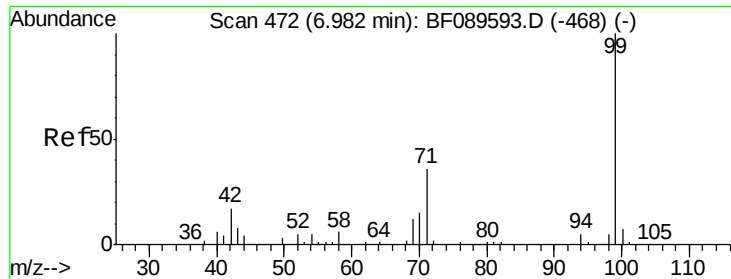
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#6
 Aniline
 Concen: 38.03 ng
 RT: 6.91 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion:	93	Resp:	288935
Ion Ratio	Lower	Upper	
93	100		
66	38.2	32.2	48.2
65	18.7	15.8	23.8





#7

Phenol-d6

Concen: 77.10 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.01 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Instrument :

BNA_F

ClientSampleId :

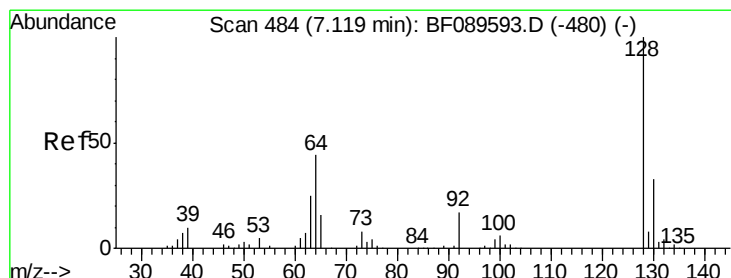
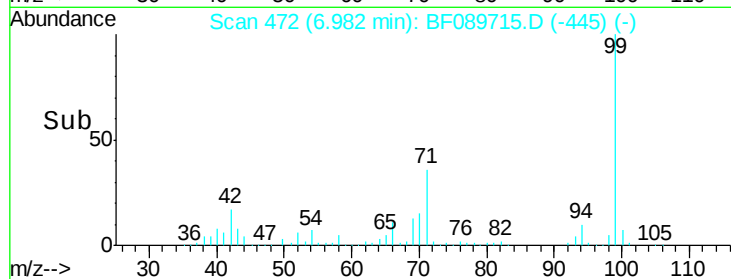
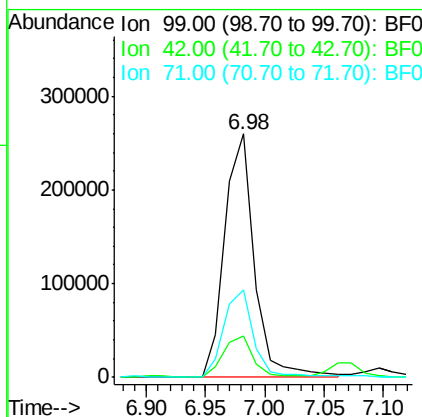
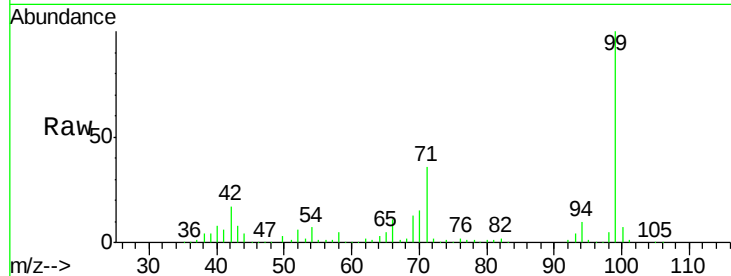
SSTDCCC040EC

Tgt Ion:	99	Resp:	452010
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.7	20.5
71	36.0	29.0	43.4

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#8

2-Chlorophenol

Concen: 38.85 ng

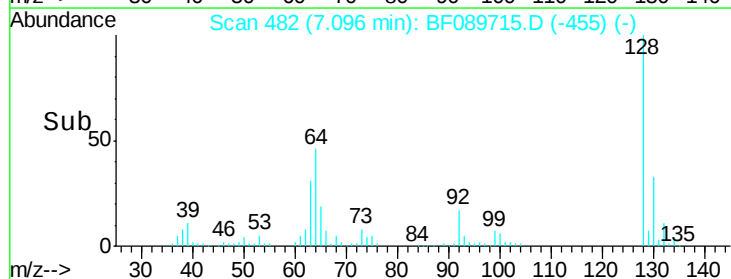
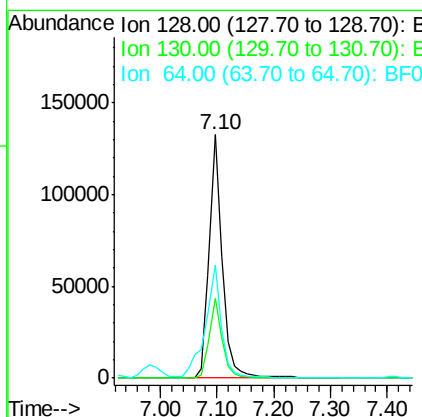
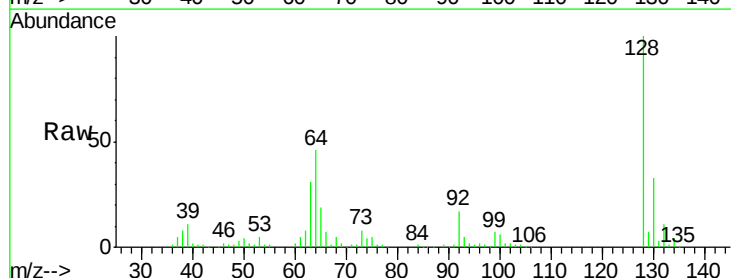
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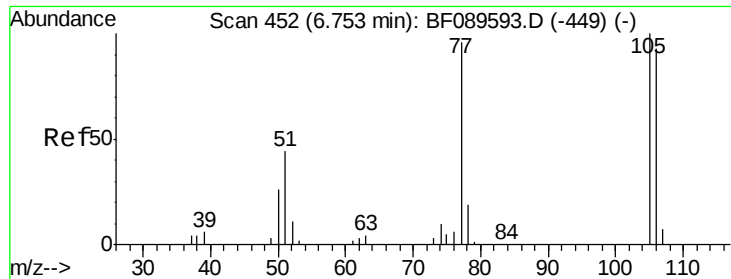
Delta R.T. 0.01 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Tgt Ion:	128	Resp:	206146
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.6	52.6
64	46.5	25.3	65.3





#9
Benzaldehyde
Concen: 53.49 ng m
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

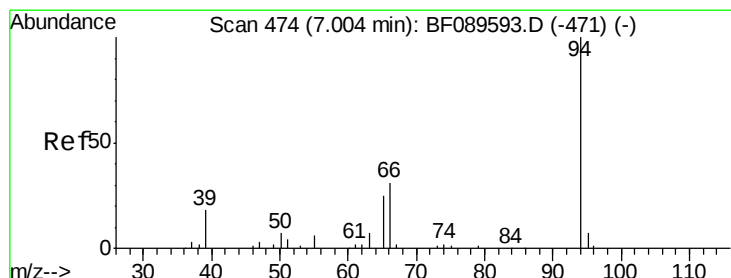
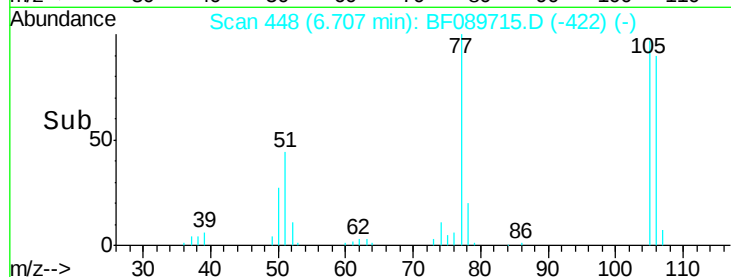
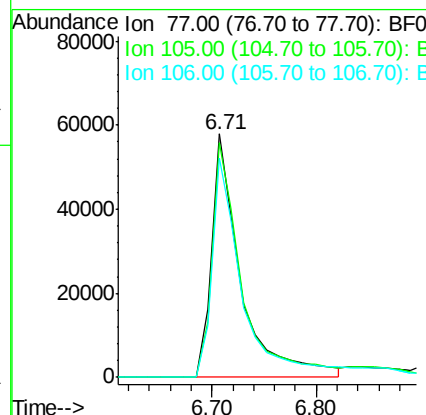
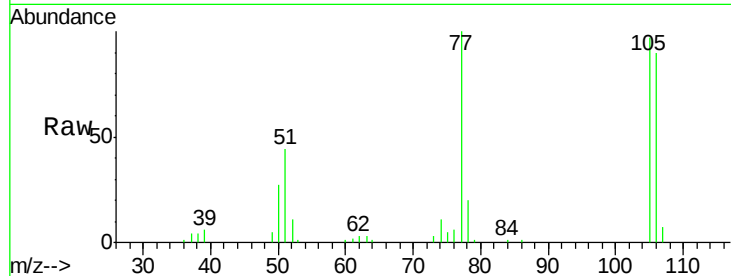
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
77	100		
105	96.5	84.7	124.7
106	90.2	77.1	117.1

Manual Integrations
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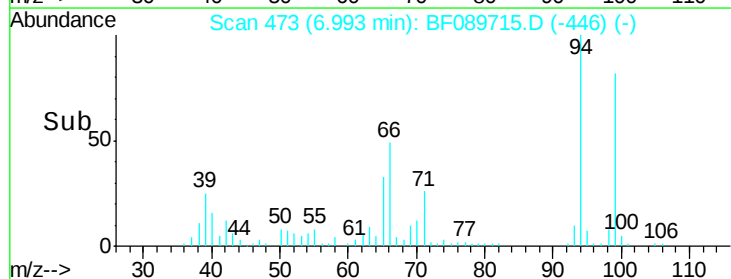
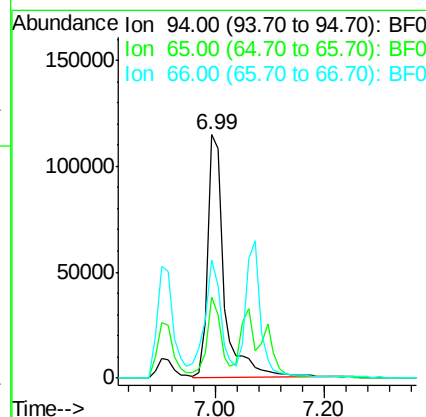
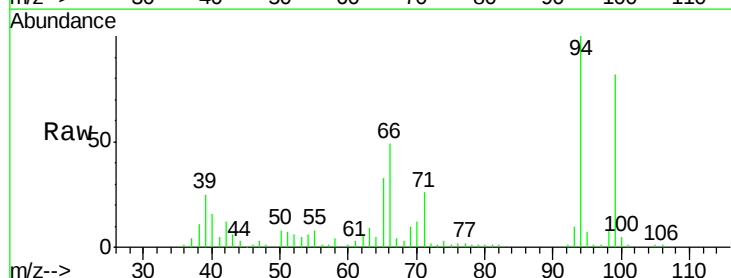
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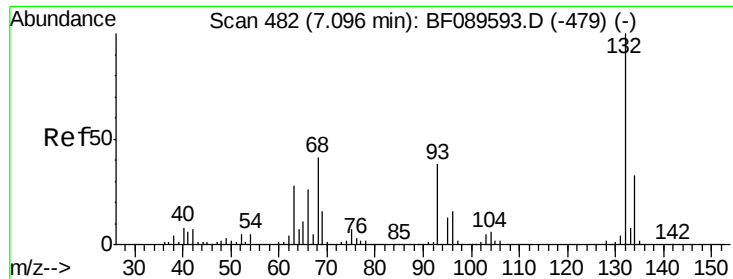
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#10
Phenol
Concen: 39.93 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089715.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.0	51.0
66	48.6	27.4	67.4





#11
bis(2-Chloroethyl)ether
Concen: 38.31 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

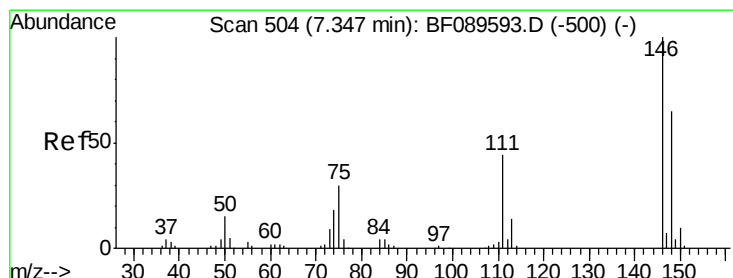
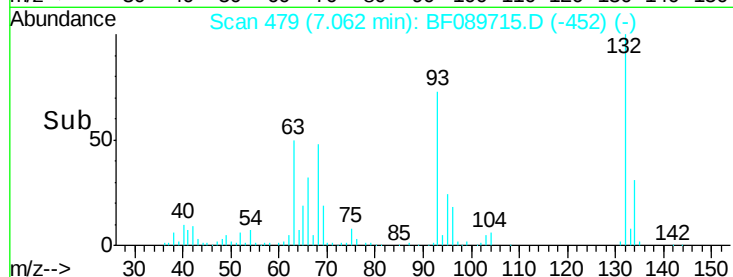
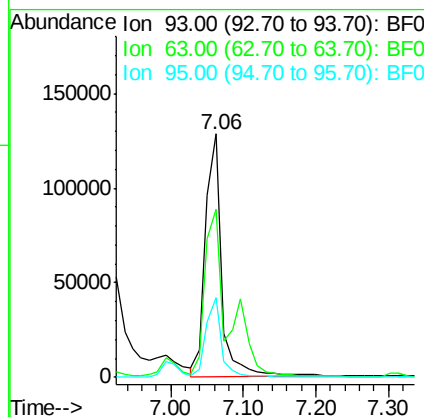
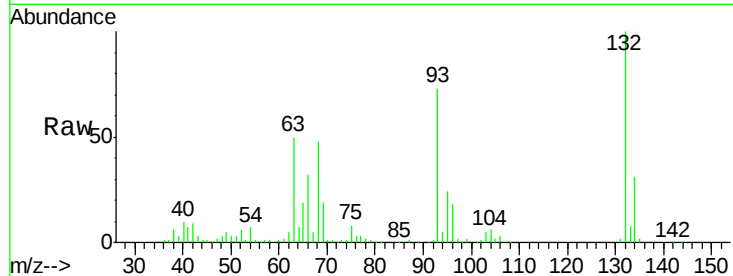
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	69.0	52.2	92.2
95	32.5	13.1	53.1

Manual Integrations
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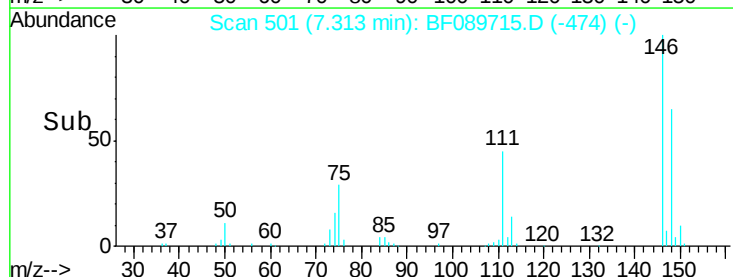
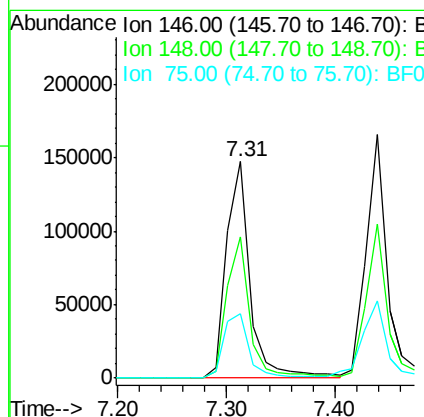
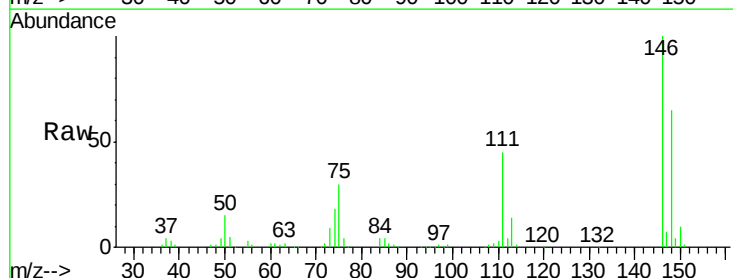
sohil

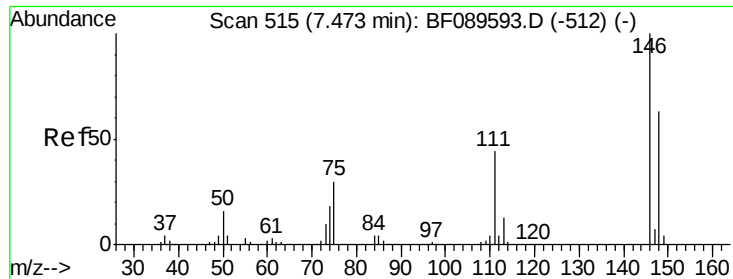
8/11/2016 5:52:30 PM



#12
1,3-Dichlorobenzene
Concen: 38.48 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.1	52.1	78.1
75	29.7	24.1	36.1





#13
 1,4-Dichlorobenzene
 Concen: 39.14 ng
 RT: 7.44 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

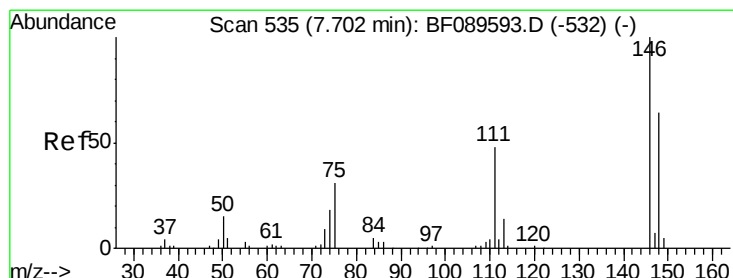
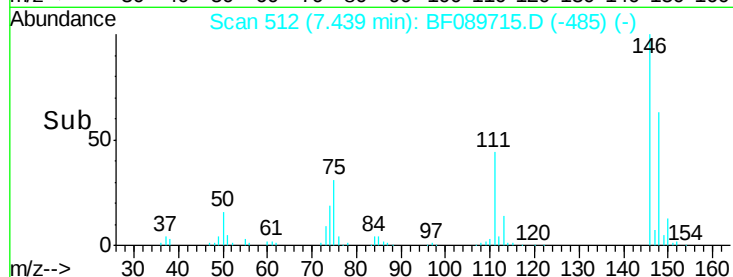
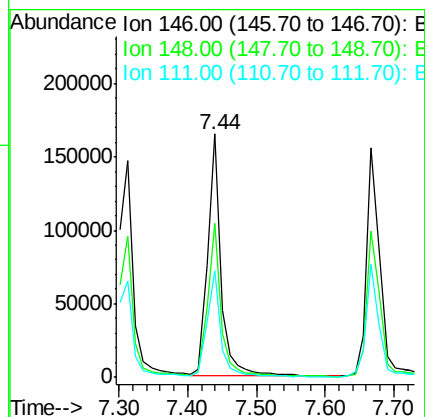
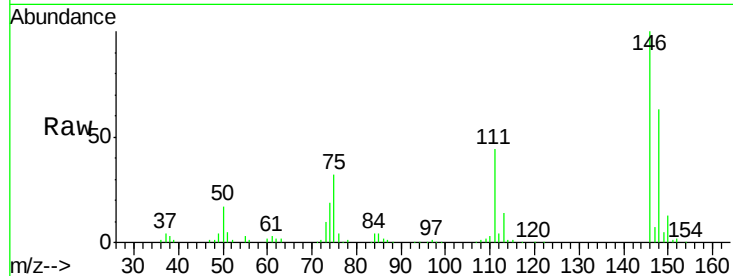
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	43.7	35.0	52.4

Manual Integrations
 APPROVED

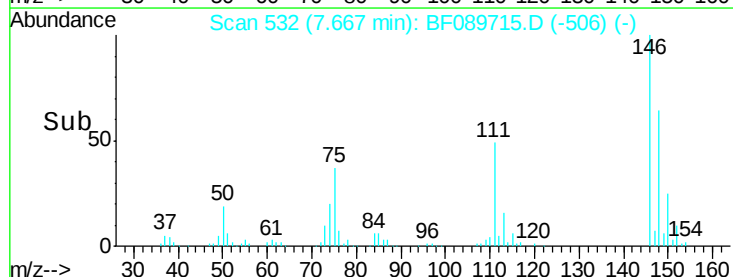
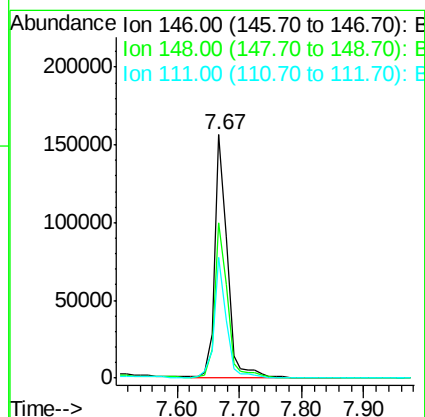
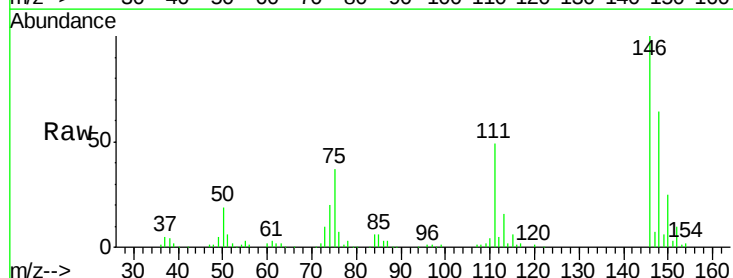
sohil

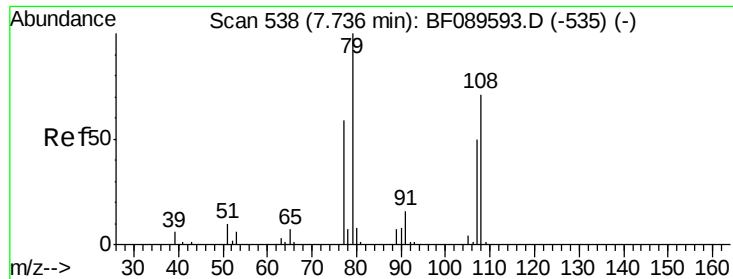
8/11/2016 5:52:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.39 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
111	49.4	38.5	57.7





#15

Benzyl Alcohol

Concen: 40.71 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Instrument :

BNA_F

ClientSampleId :

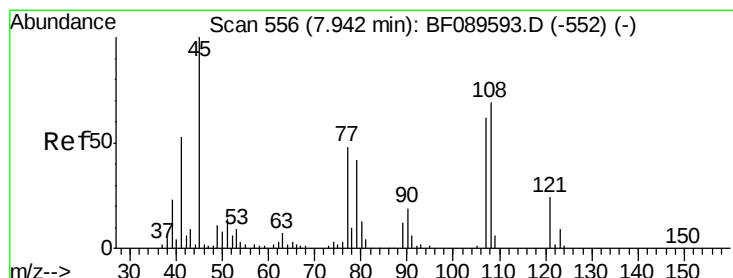
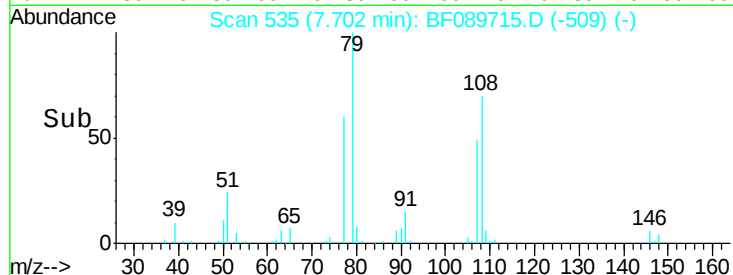
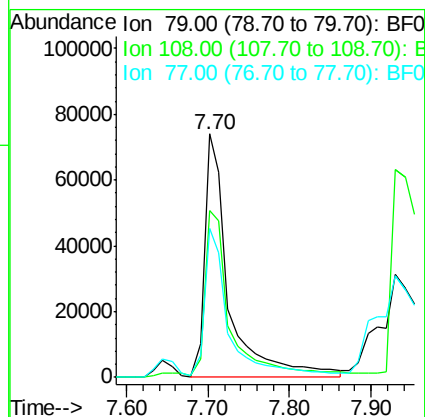
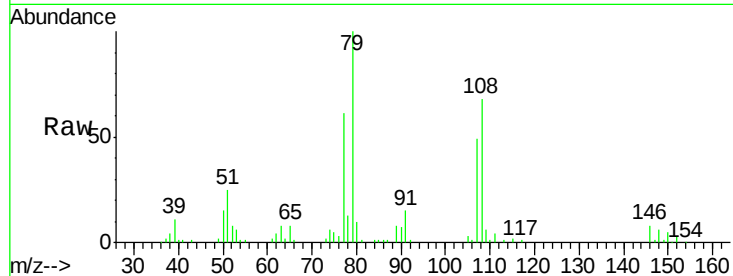
SSTDCCC040EC

Tgt Ion:	79	Resp:	156492
Ion Ratio	Lower	Upper	
79	100		
108	68.4	58.3	87.5
77	61.1	48.7	73.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.45 ng

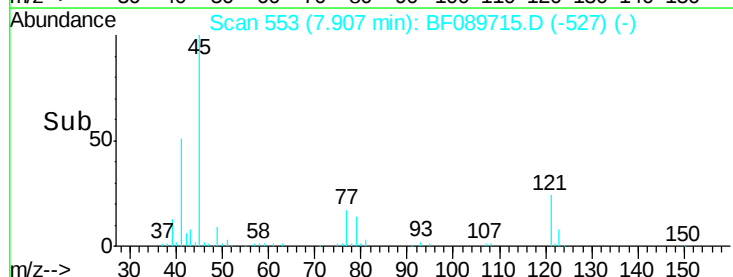
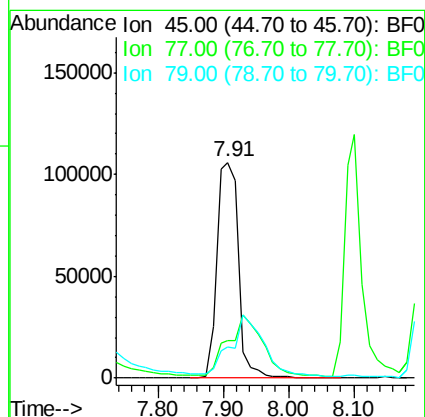
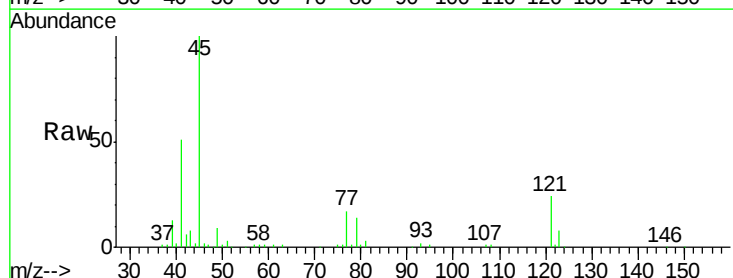
RT: 7.91 min Scan# 553

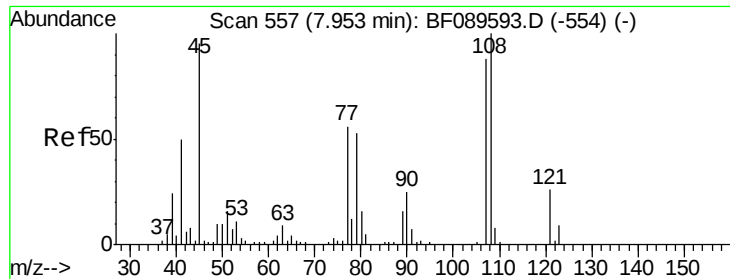
Delta R.T. -0.00 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Tgt Ion:	45	Resp:	246589
Ion Ratio	Lower	Upper	
45	100		
77	17.2	30.1	70.1#
79	14.3	25.5	65.5#





#17
2-Methylphenol
Concen: 40.02 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

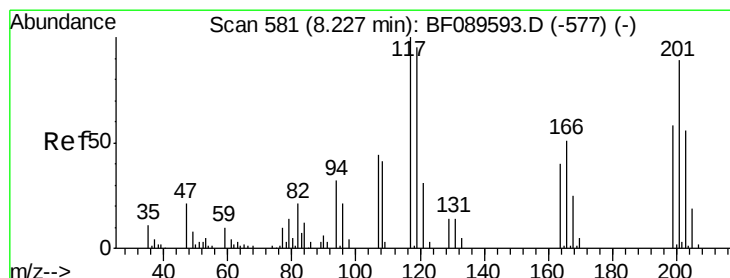
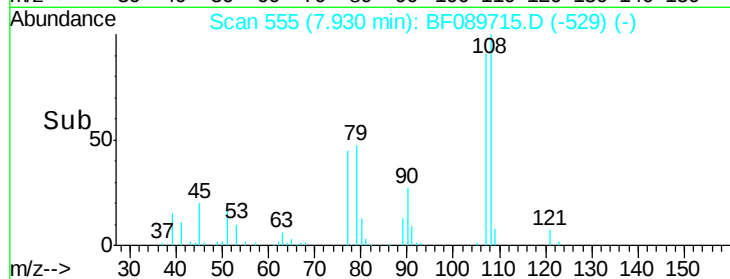
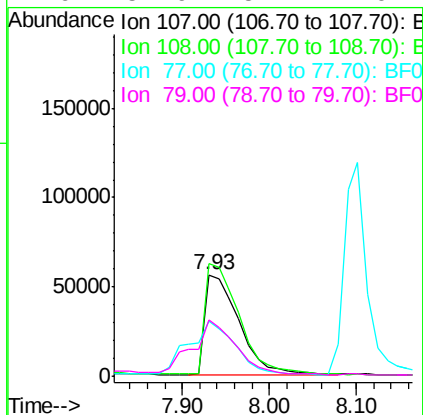
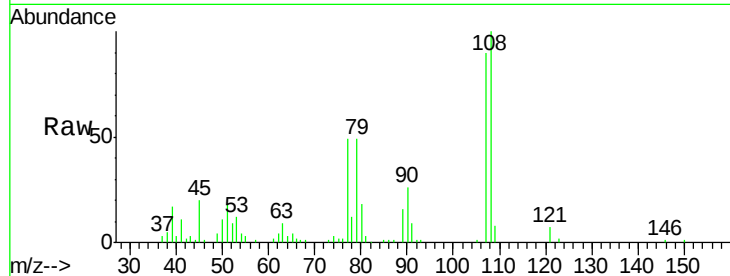
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	91.2	136.8	
77	54.0	54.6	82.0	
79	54.9	52.7	79.1	

Manual Integrations
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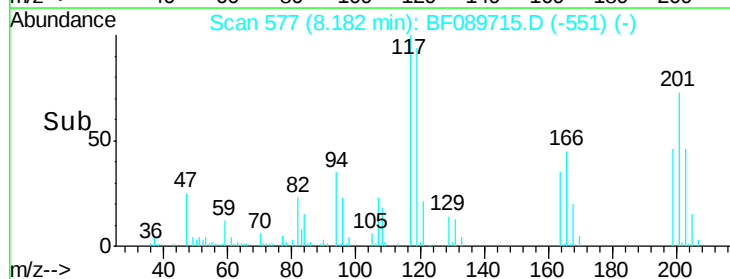
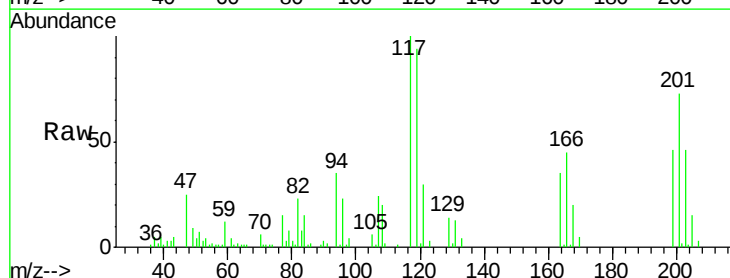
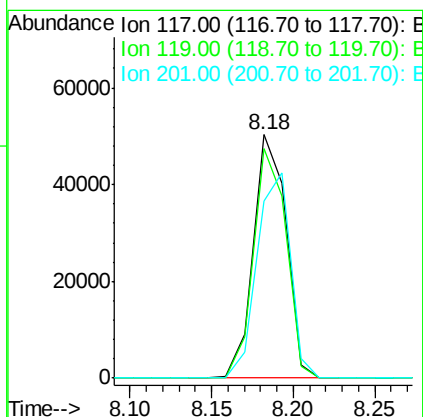
sohil

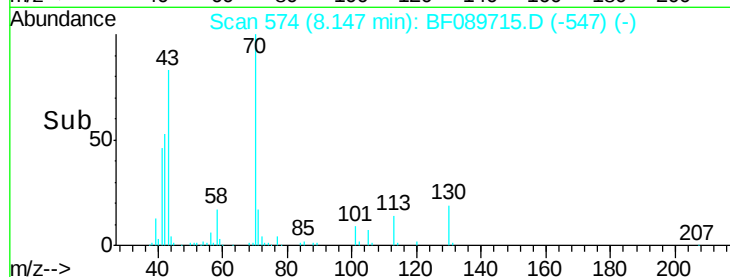
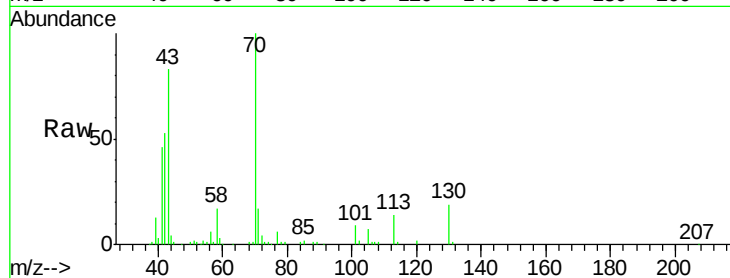
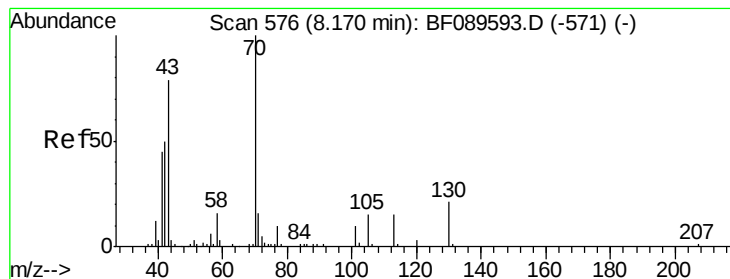
8/11/2016 5:52:30 PM



#18
Hexachloroethane
Concen: 29.09 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	75.7	113.5	
201	72.6	71.6	107.4	





#19

n-Nitroso-di-n-propylamine

Concen: 36.09 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.9	40.2	60.2	
101	9.1	7.8	11.6	
130	19.0	16.4	24.6	

Instrument :

BNA_F

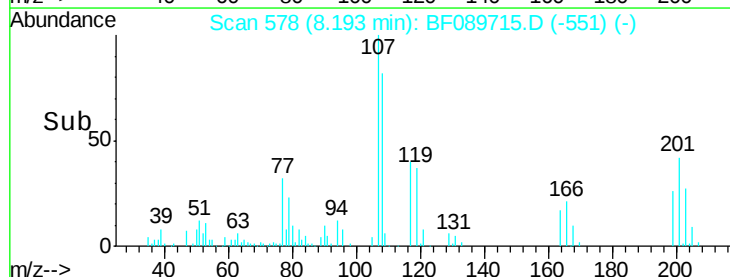
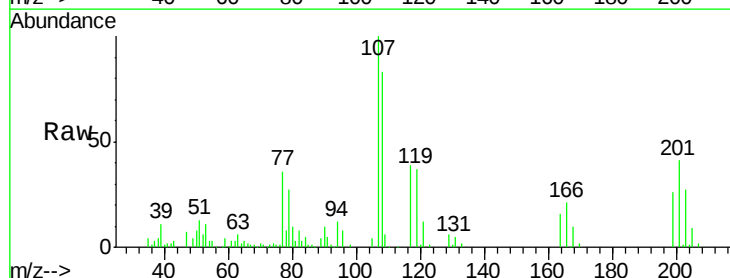
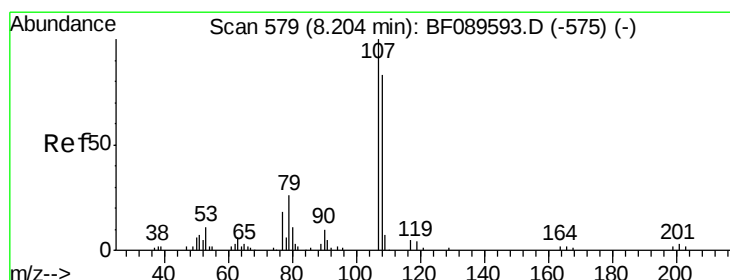
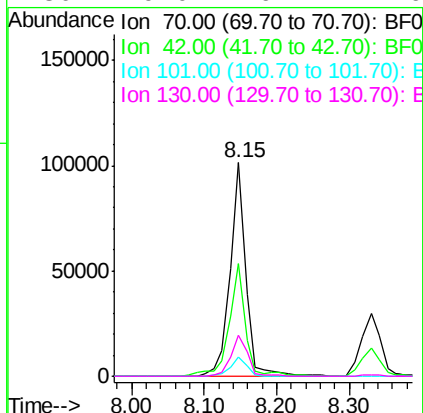
ClientSampleId :

SSTDCCC040EC

Manual Integrations
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#20

3+4-Methylphenols

Concen: 40.61 ng

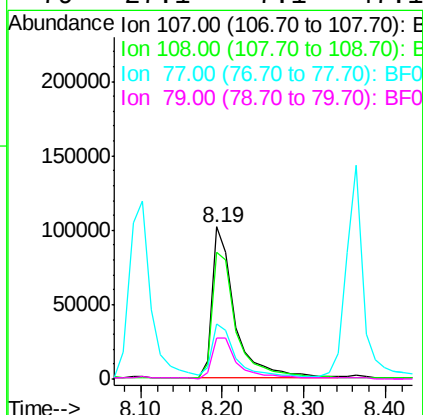
RT: 8.19 min Scan# 578

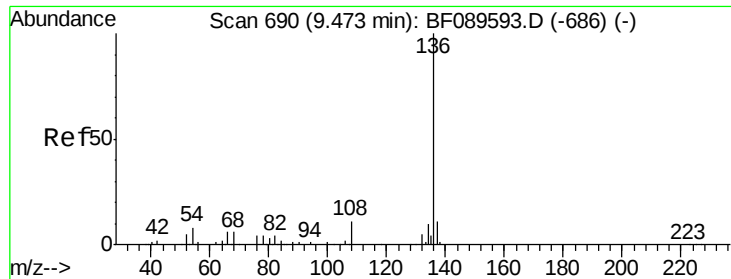
Delta R.T. 0.01 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.0	63.8	103.8	
77	36.1	19.5	59.5	
79	27.1	7.1	47.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Instrument :

BNA_F

ClientSampleId :

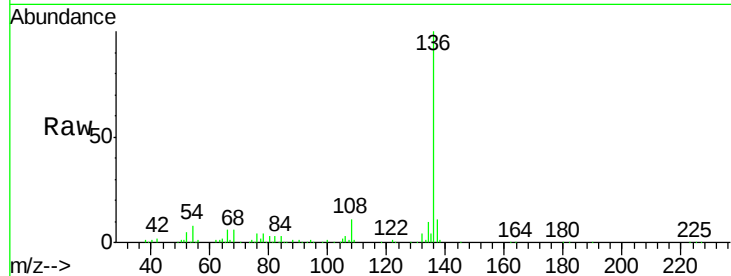
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	288719		
137	10.8	8.6	12.8	
54	7.9	6.0	9.0	
68	6.0	4.6	6.8	

Manual Integrations
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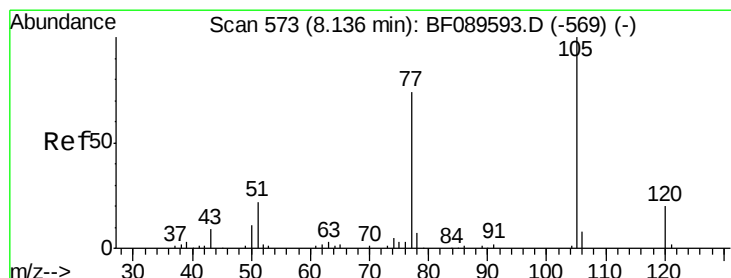
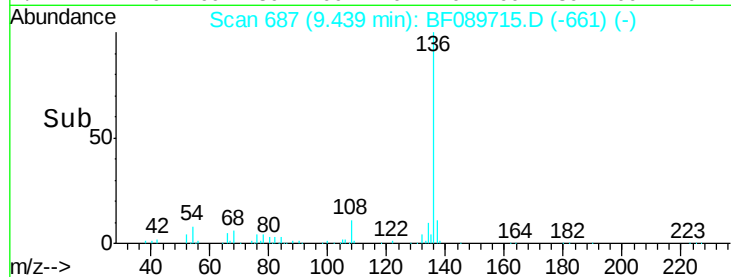
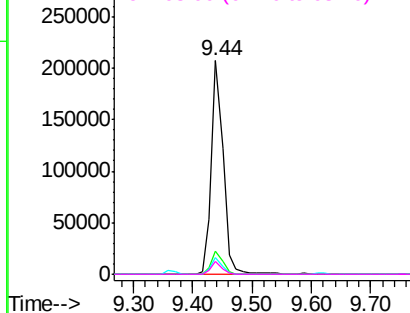
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.86 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288116		
71	0.0	0.0	0.0	
51	23.4	18.2	27.2	
120	20.0	15.7	23.5	

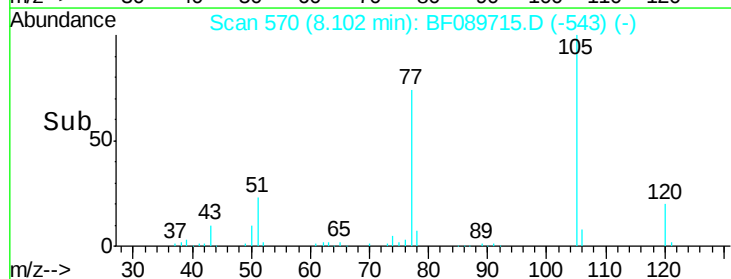
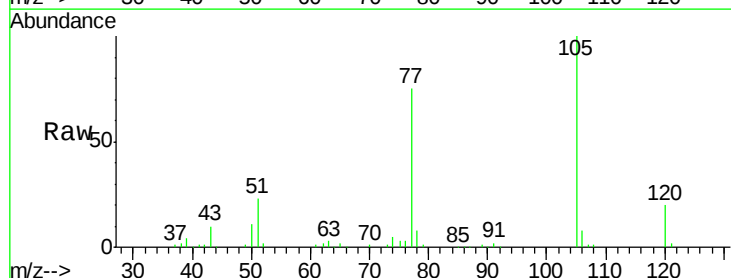
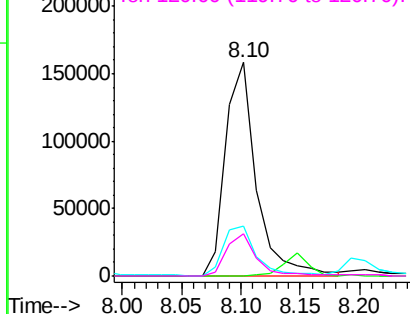
Abundance

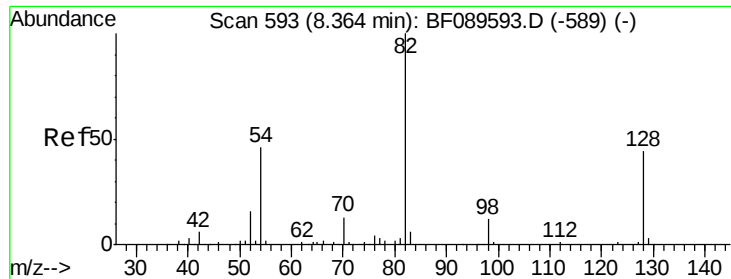
Ion 105.00 (104.70 to 105.70): E

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: 80.15 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

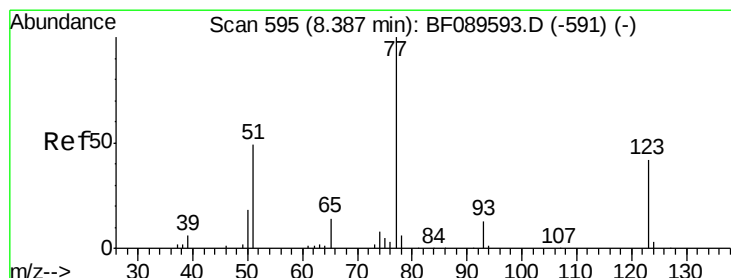
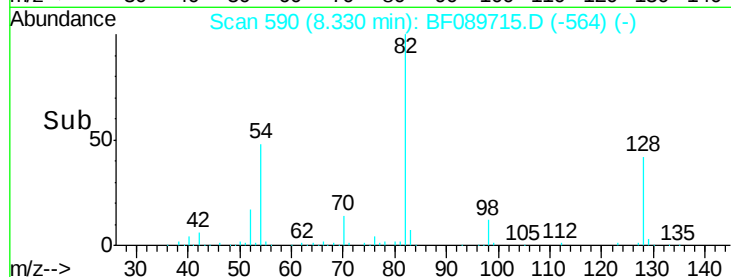
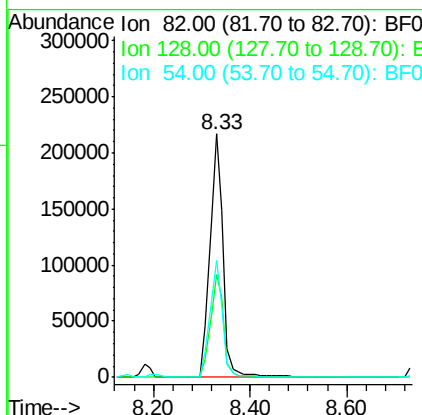
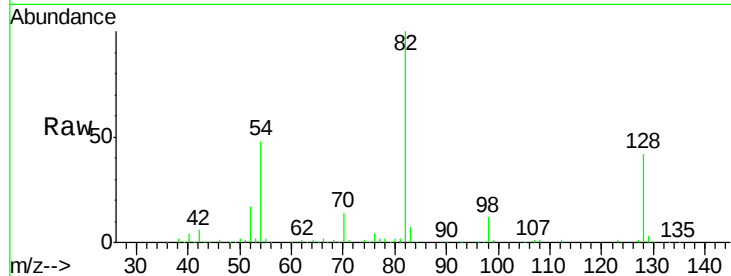
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	82	Resp:	418371
Ion Ratio	Lower	Upper	
82	100		
128	42.0	35.4	53.0
54	47.9	36.4	54.6

Manual Integrations
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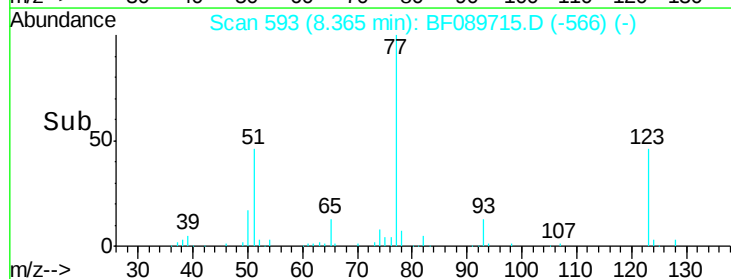
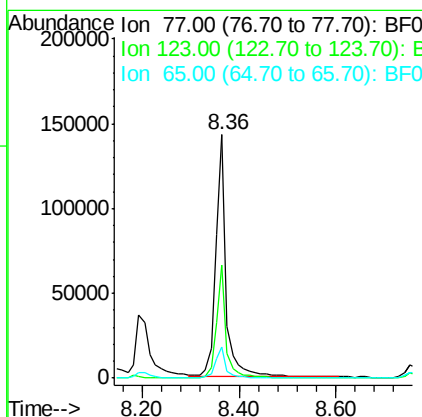
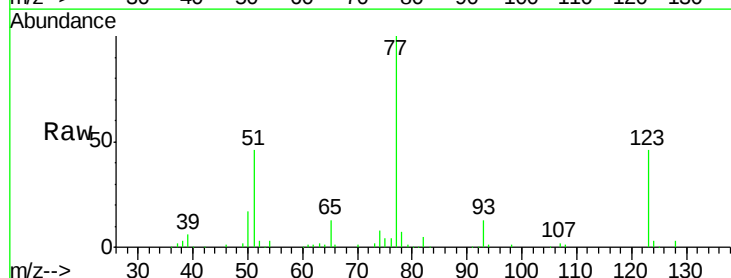
sohil

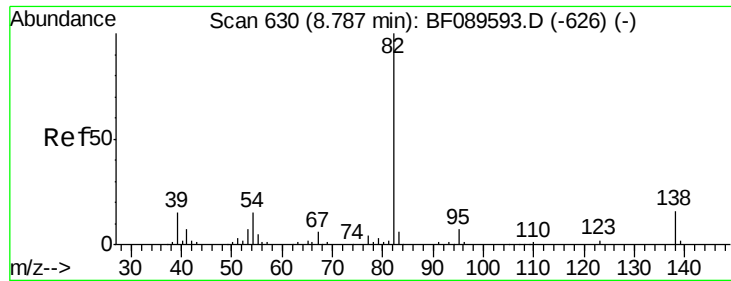
8/11/2016 5:52:30 PM



#24
Nitrobenzene
Concen: 44.25 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion:	77	Resp:	219410
Ion Ratio	Lower	Upper	
77	100		
123	46.2	32.6	49.0
65	13.0	11.0	16.6





#25

Isophorone

Concen: 38.80 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 387770
Ion Ratio Lower Upper

82 100

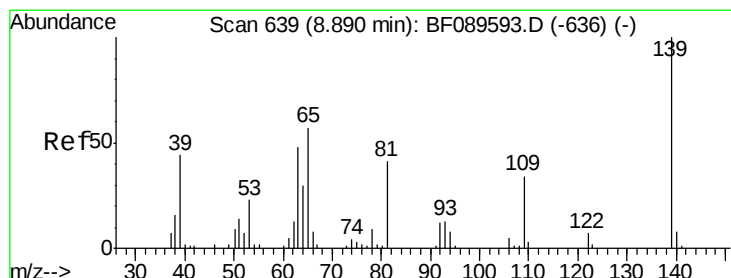
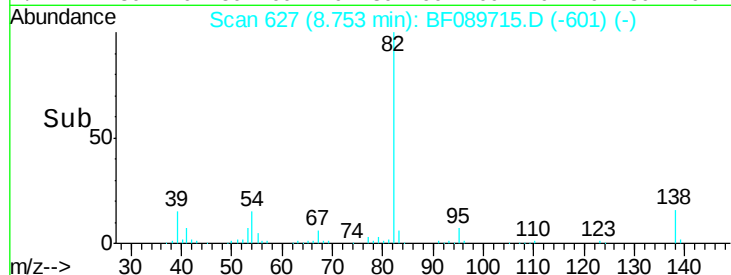
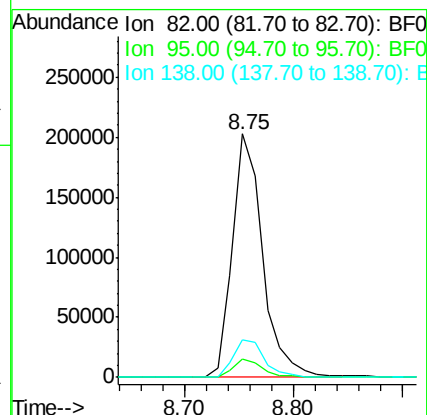
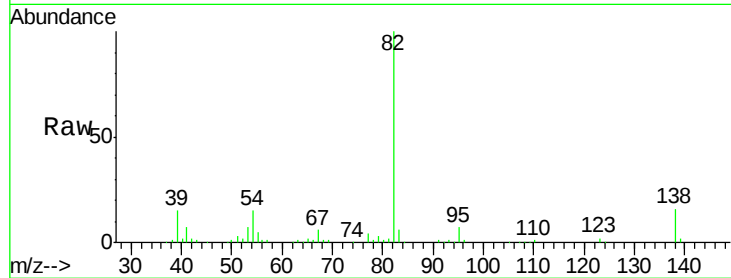
95 7.4 5.8 8.8

138 15.6 12.6 18.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 28.53 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF089715.D

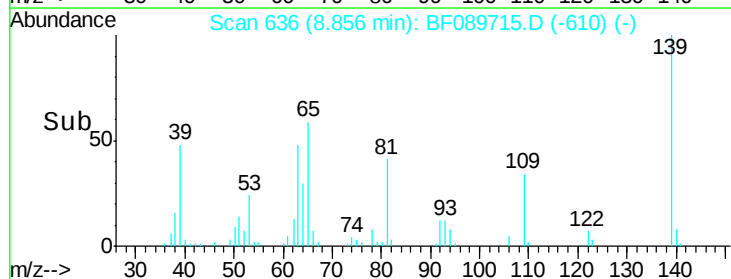
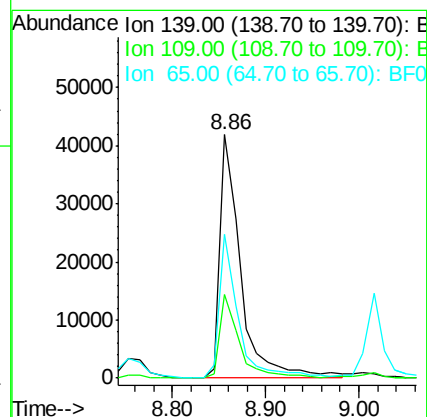
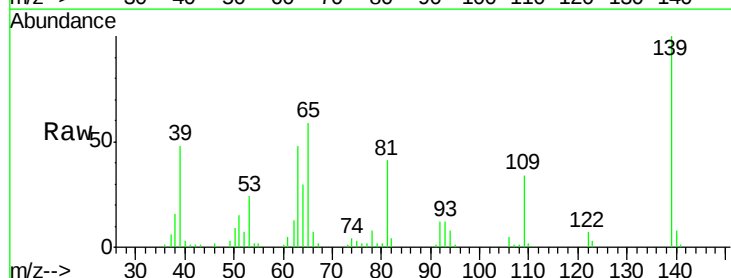
Acq: 11 Aug 2016 1:24

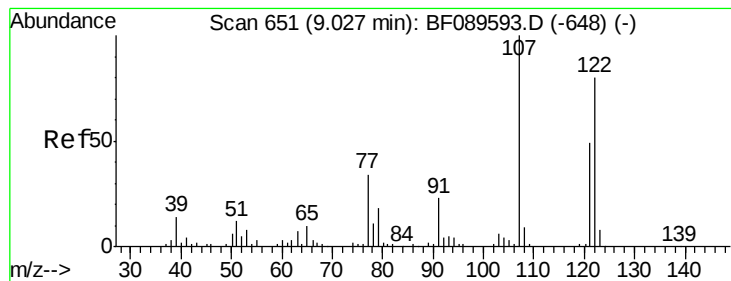
Tgt Ion: 139 Resp: 64921
Ion Ratio Lower Upper

139 100

109 34.4 27.5 41.3

65 59.0 45.7 68.5





#27
 2,4-Dimethylphenol
 Concen: 40.59 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

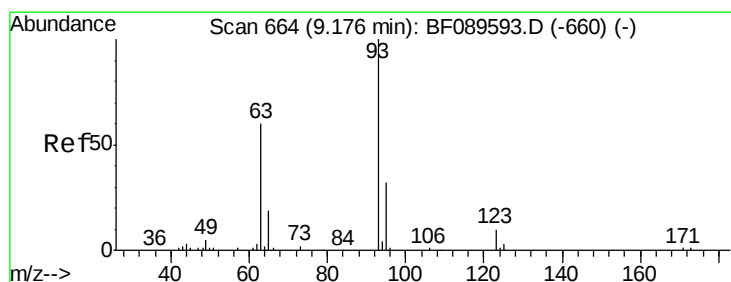
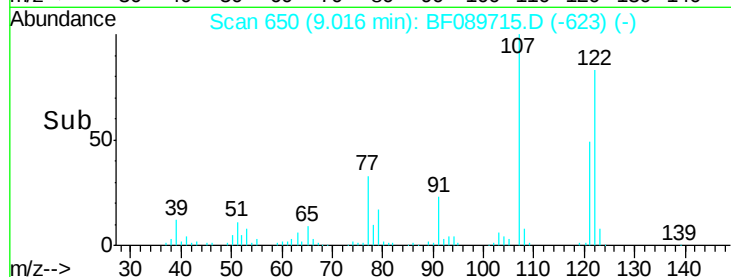
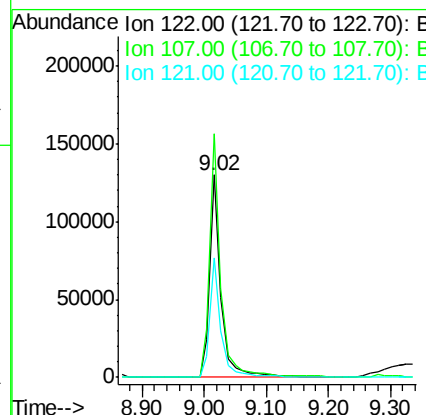
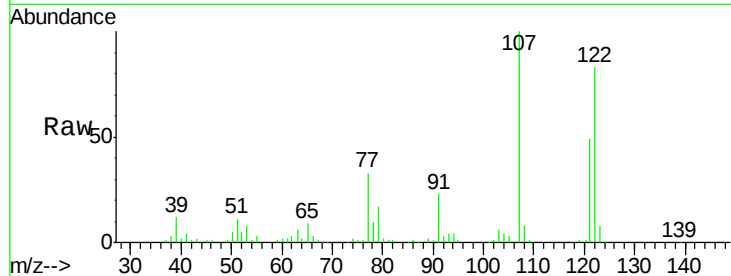
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	166055		
107	120.3	99.5	149.3	
121	59.1	48.5	72.7	

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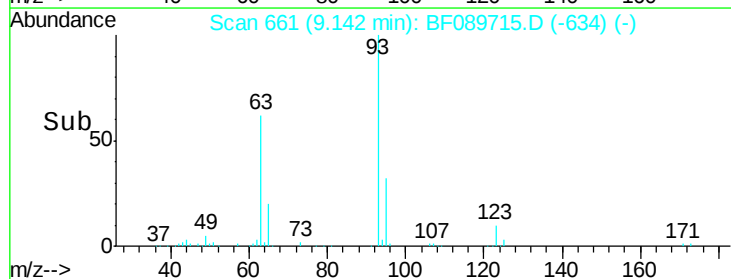
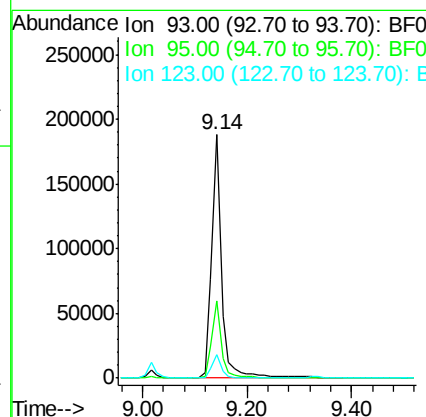
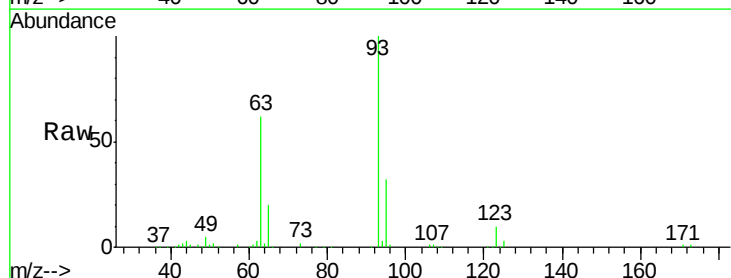
sohil

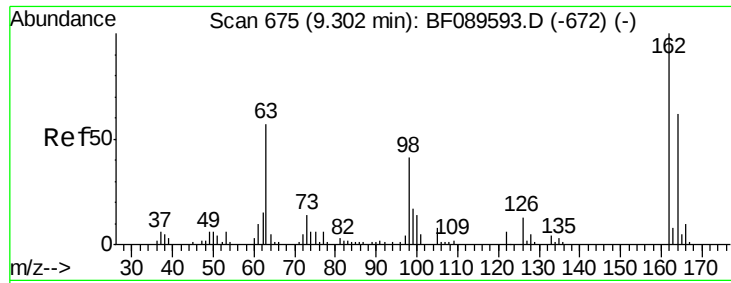
8/11/2016 5:52:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.29 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	249667		
95	31.6	25.8	38.8	
123	9.9	8.0	12.0	





#29
 2,4-Dichlorophenol
 Concen: 39.32 ng
 RT: 9.29 min Scan# 674
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

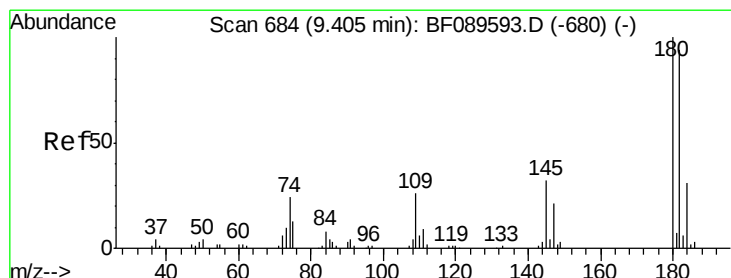
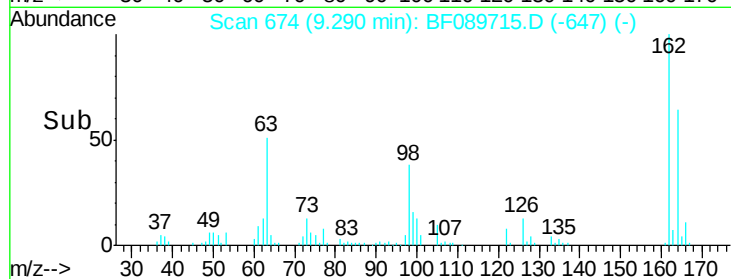
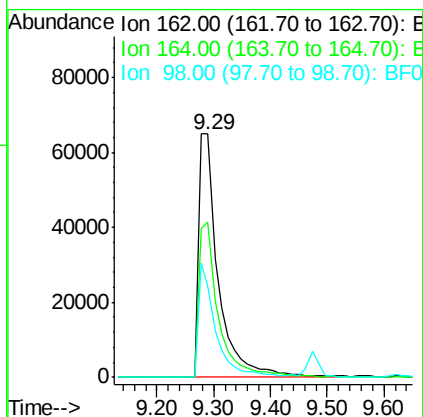
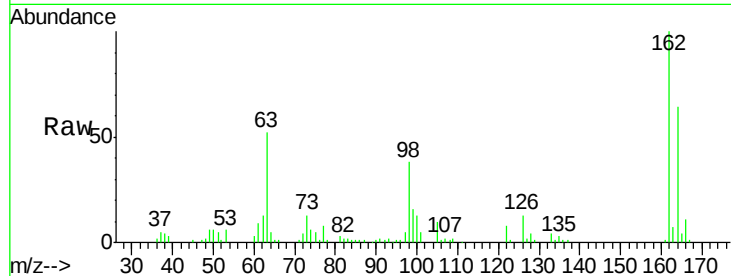
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	162	Resp:	152200
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.3	82.3
98	37.6	21.2	61.2

Manual Integrations
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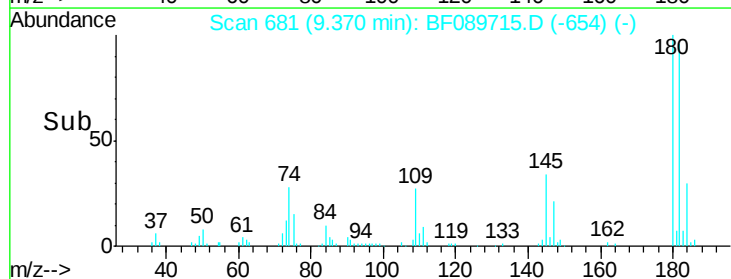
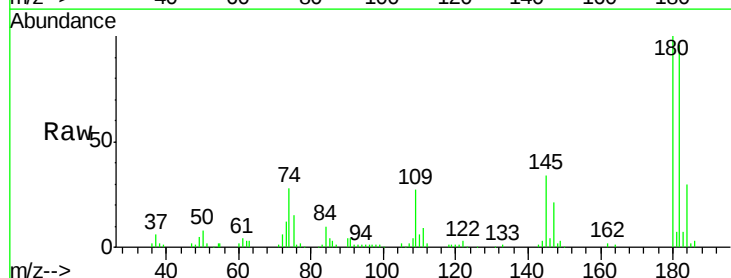
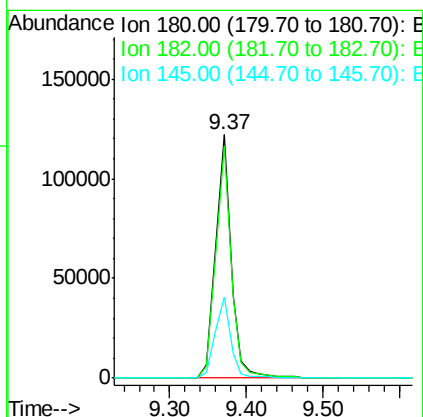
sohil

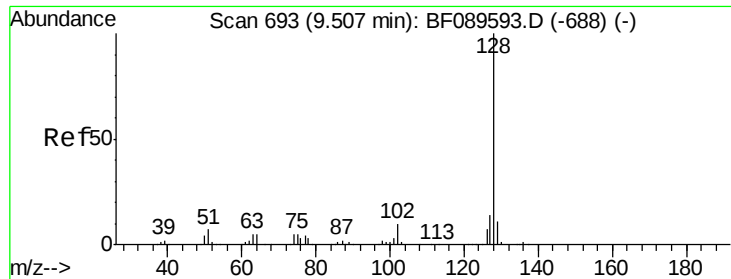
8/11/2016 5:52:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.07 ng
 RT: 9.37 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion:	180	Resp:	172721
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.0	112.6
145	33.5	25.6	38.4





#31
Naphthalene
Concen: 37.07 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

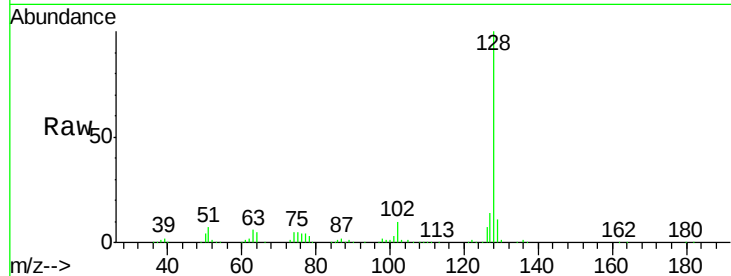
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	8.7	13.1
127	13.7	10.9	16.3

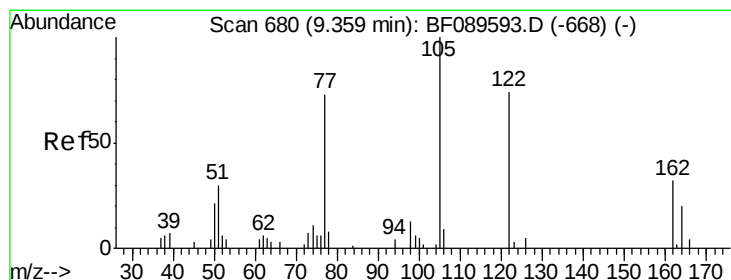
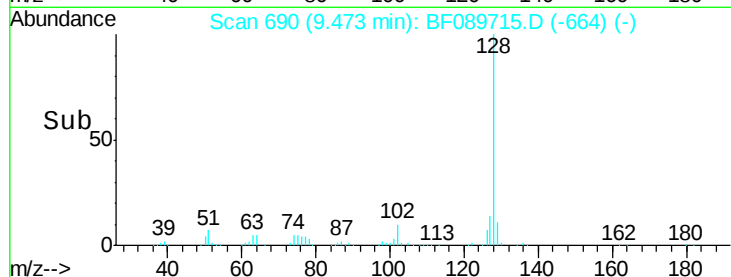
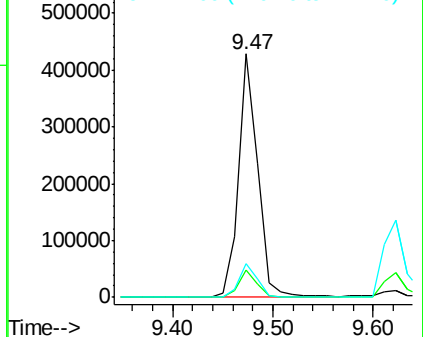
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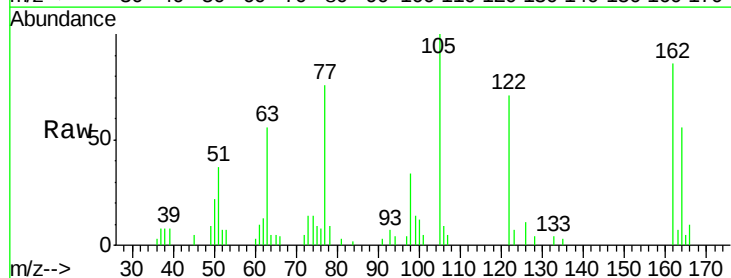


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

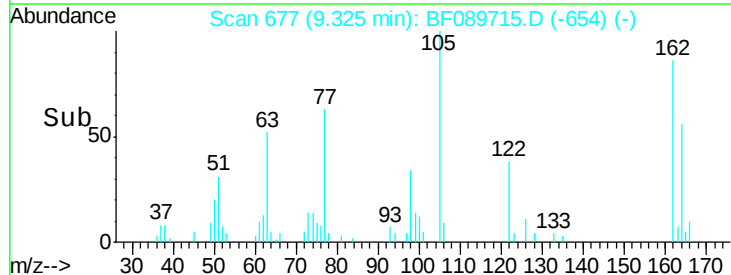
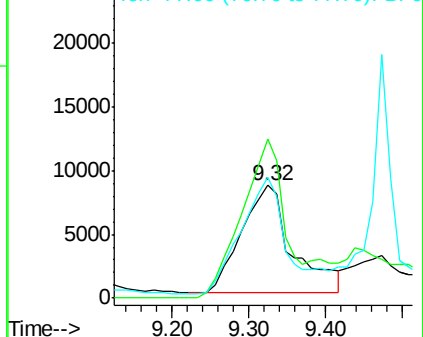


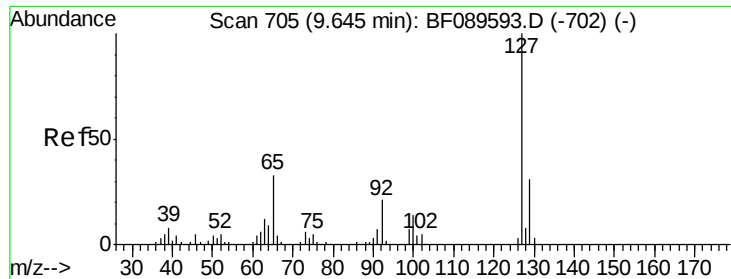
#32
Benzoic acid
Concen: 15.22 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	141.1	109.9	149.9
77	107.4	77.5	117.5



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: 41.52 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

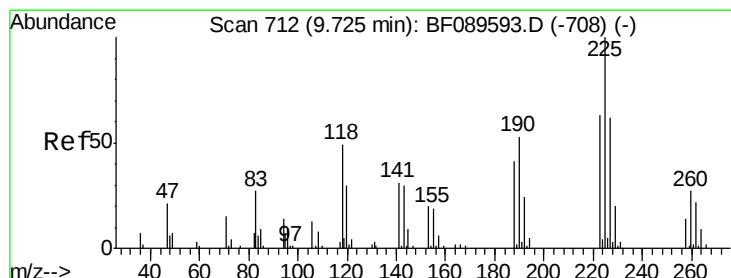
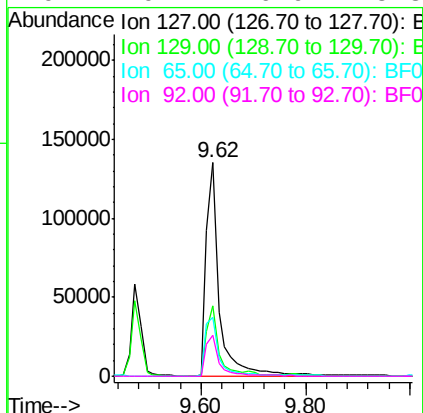
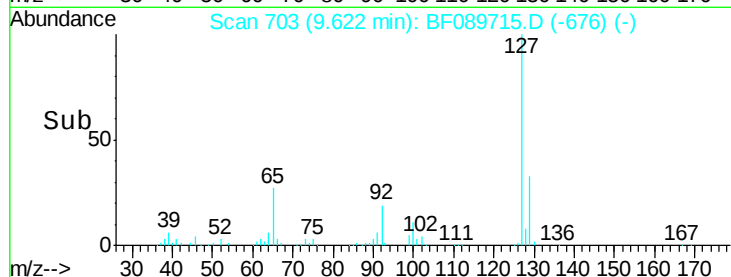
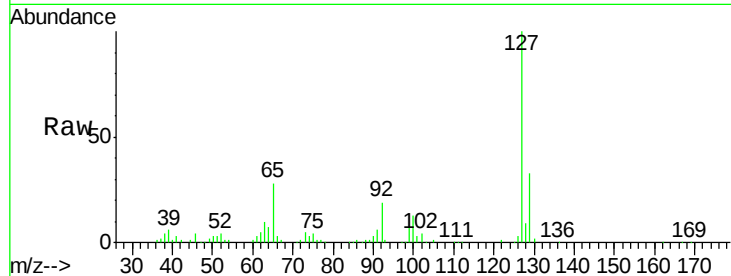
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	239282		
129	32.9	25.1	37.7	
65	27.8	26.2	39.2	
92	19.2	16.9	25.3	

Manual Integrations
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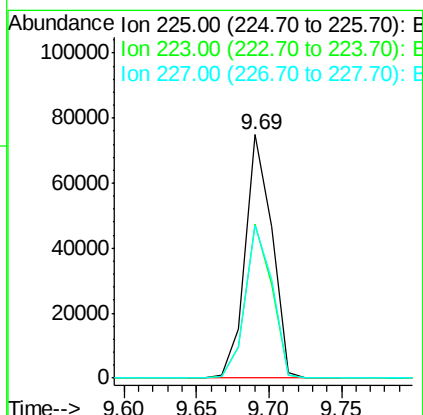
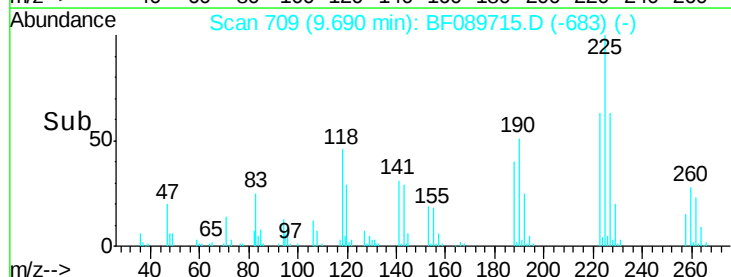
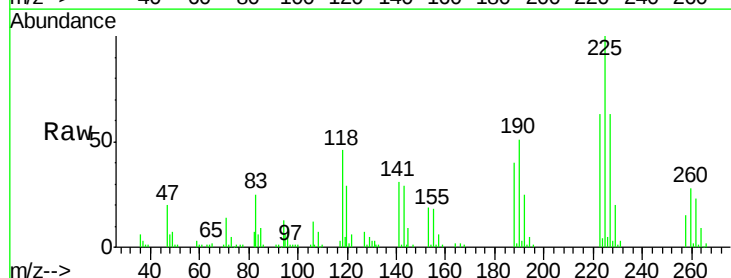
sohil

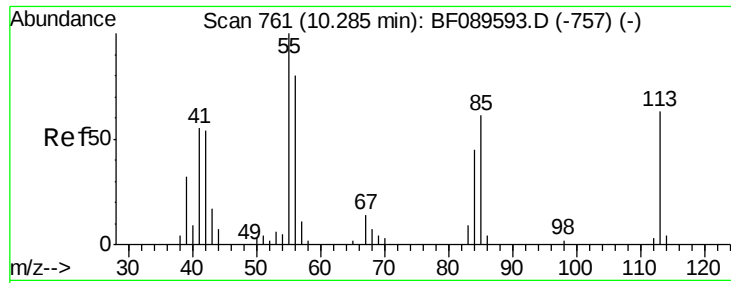
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#34
Hexachlorobutadiene
Concen: 37.56 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95625		
223	63.2	50.7	76.1	
227	62.9	49.4	74.0	





#35
 Caprolactam
 Concen: 38.12 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

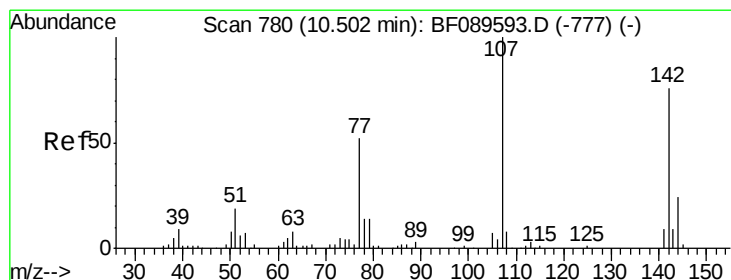
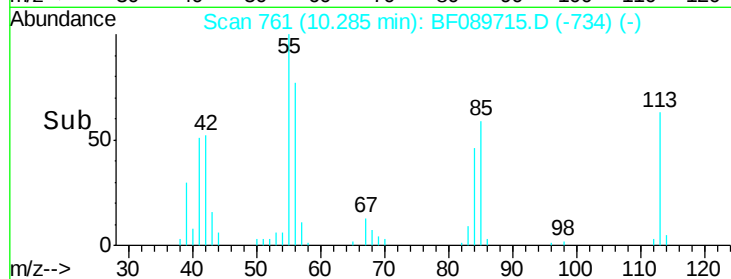
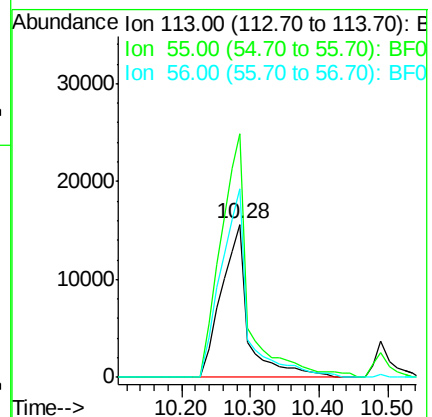
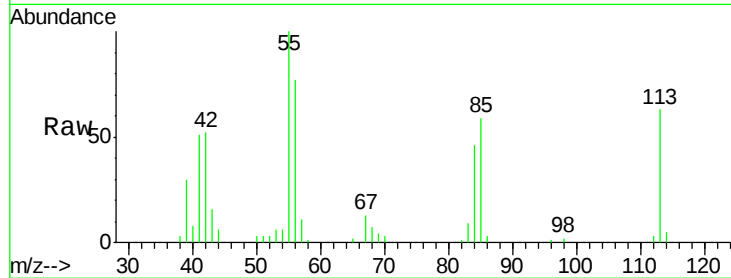
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 42997
 Ion Ratio Lower Upper
 113 100
 55 159.1 139.6 179.6
 56 123.3 108.2 148.2

Manual Integrations
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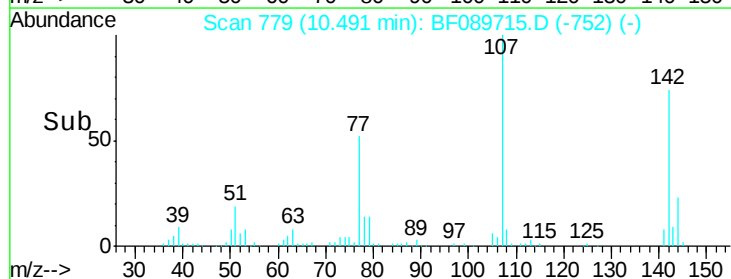
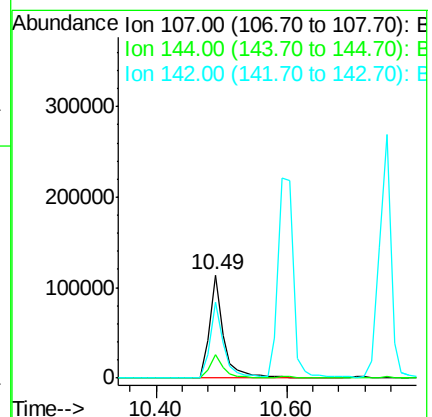
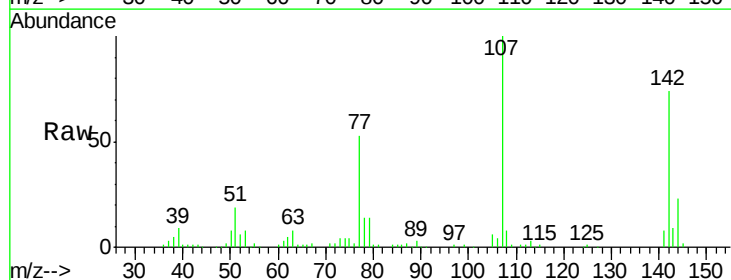
sohil

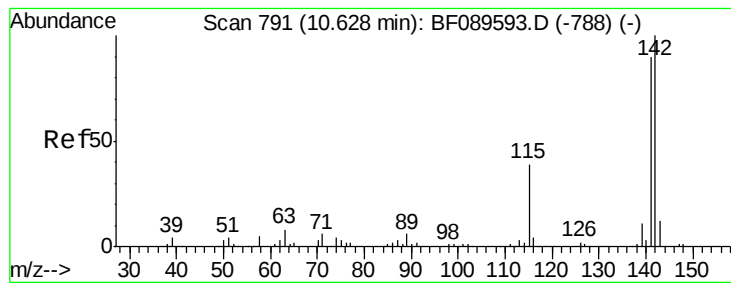
8/11/2016 5:52:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.07 ng
 RT: 10.49 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion:107 Resp: 171276
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.9 28.3
 142 73.7 60.4 90.6





#37
 2-Methylnaphthalene
 Concen: 37.94 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

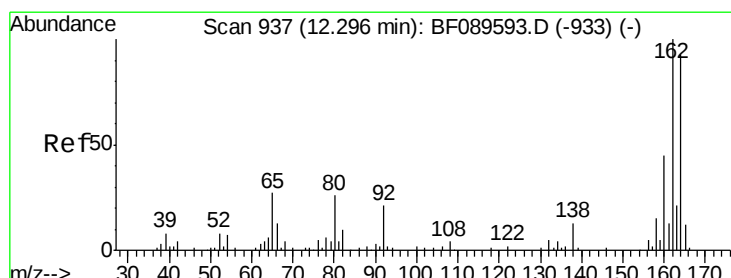
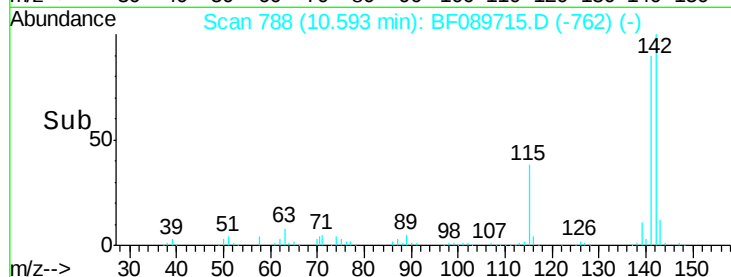
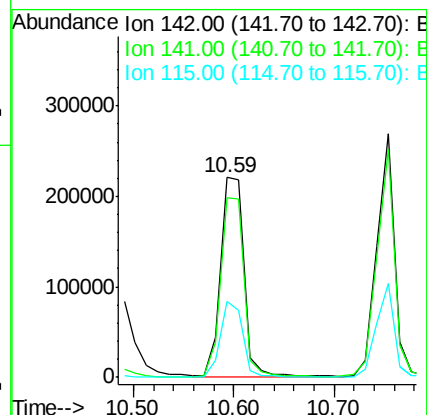
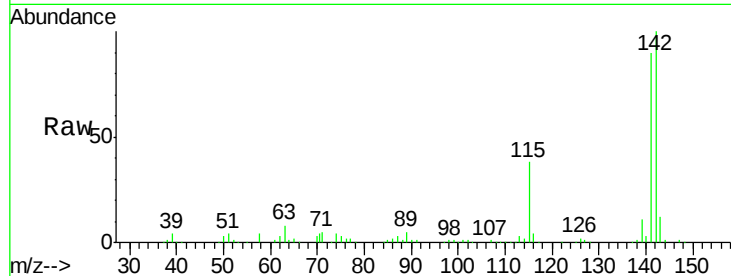
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.8	107.6
115	38.2	31.0	46.4

Manual Integrations
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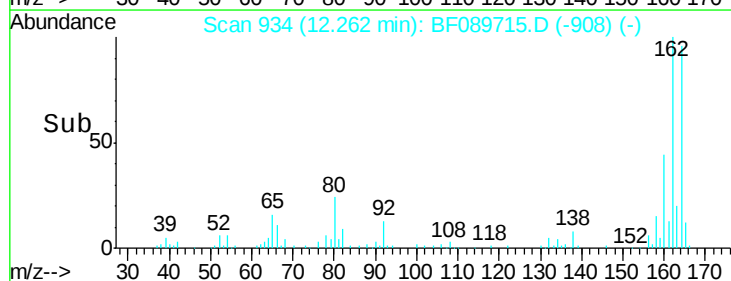
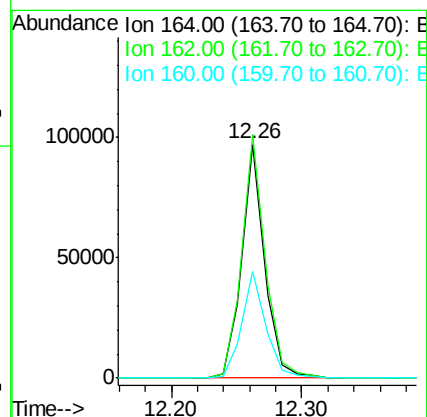
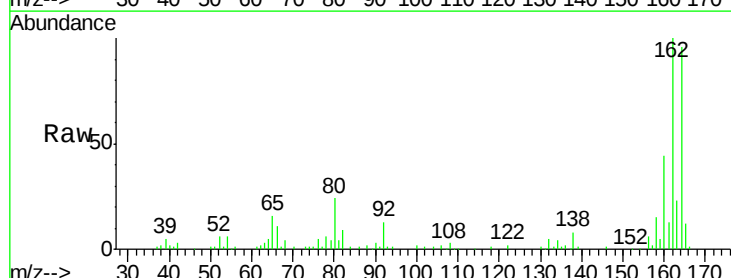
sohil

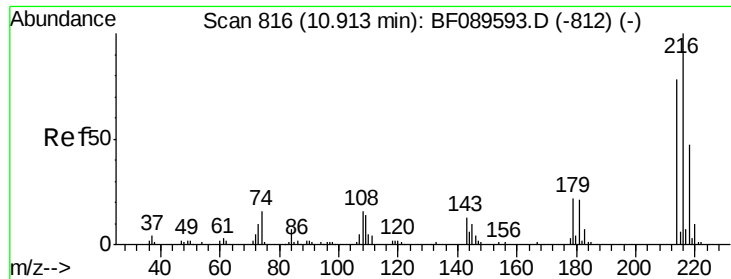
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.7	128.5
160	45.7	38.2	57.4





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.70 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

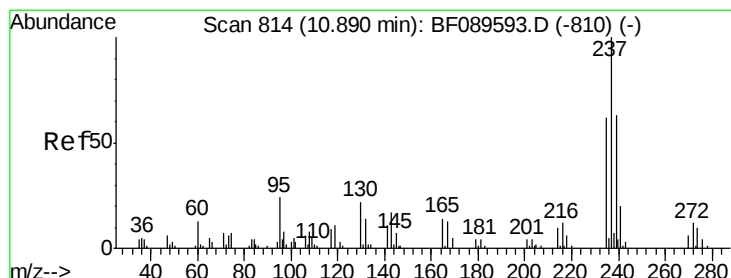
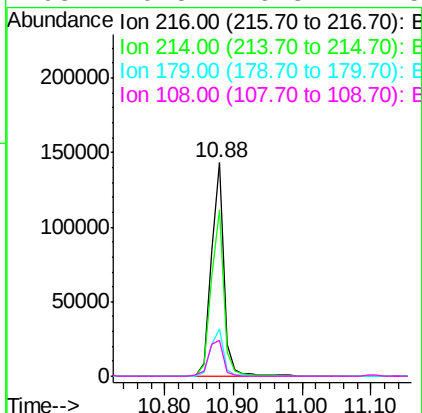
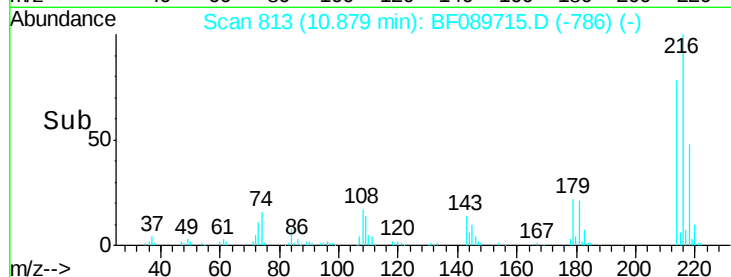
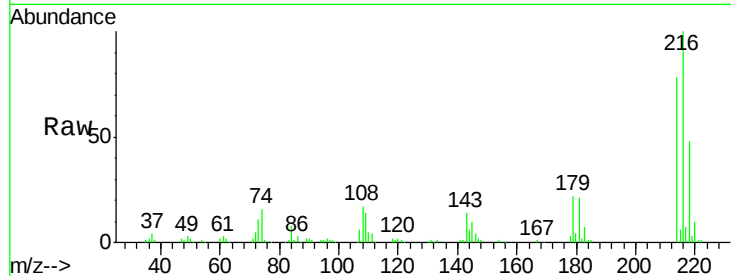
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	185434		
214	78.4	62.6	94.0	
179	22.9	17.8	26.8	
108	19.8	16.3	24.5	

Manual Integrations
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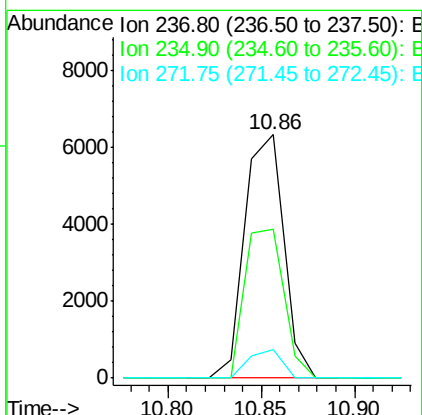
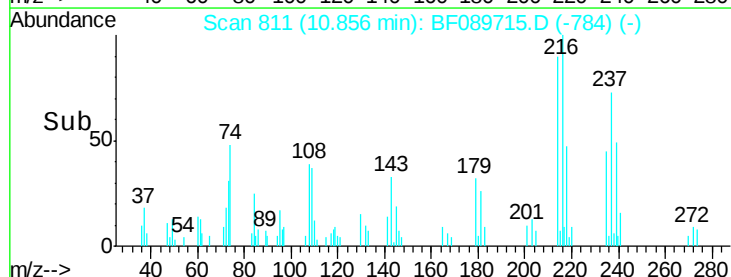
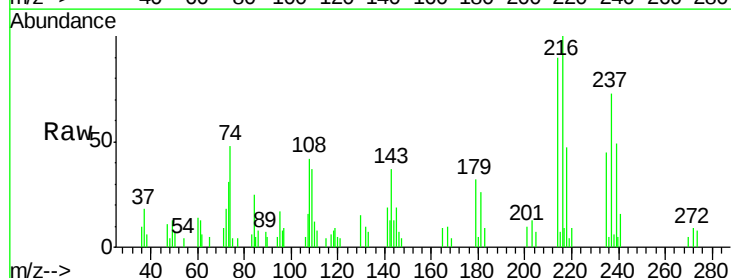
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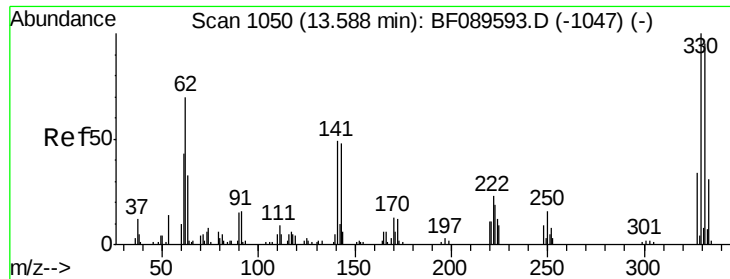
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#40
 Hexachlorocyclopentadiene
 Concen: 14.35 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	9191		
235	61.3	41.9	81.9	
272	11.8	0.0	32.4	





#41
 2,4,6-Tribromophenol
 Concen: 66.49 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

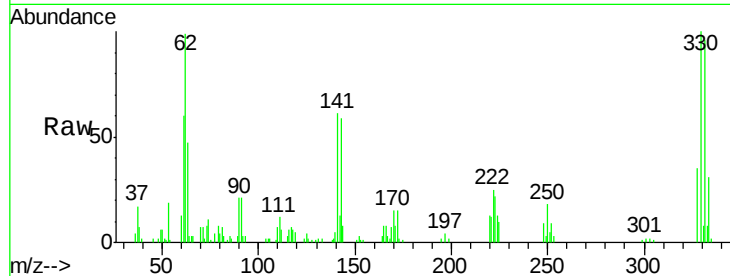
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	48.3	38.6	57.8

Manual Integrations
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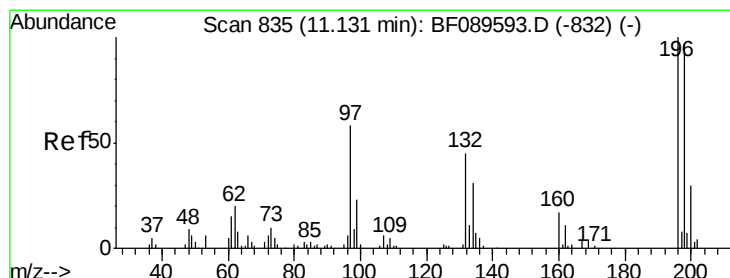
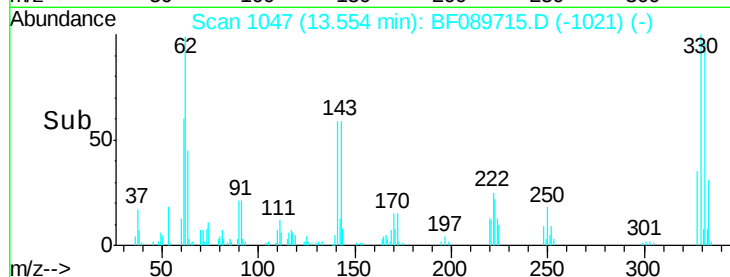
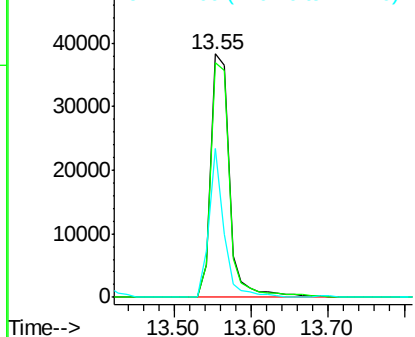


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.18 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

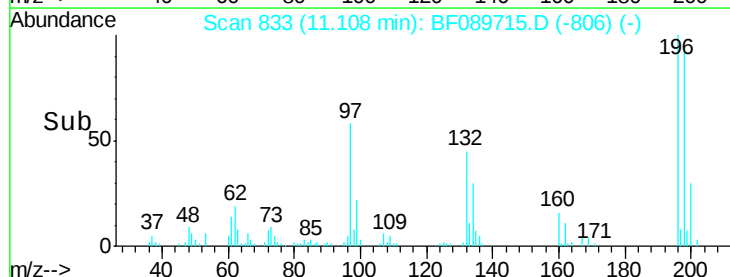
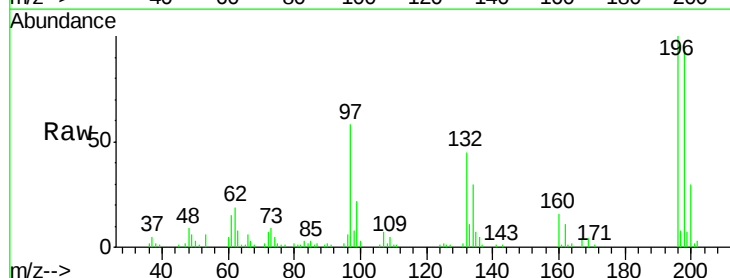
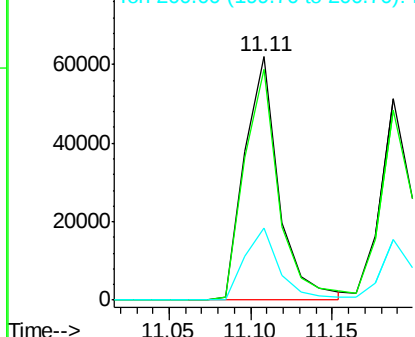
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.6	116.4
200	29.8	23.8	35.8

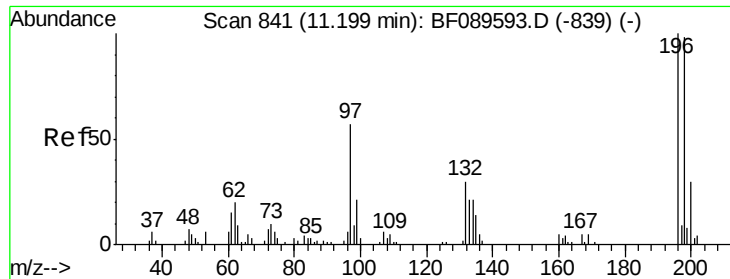
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 38.04 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

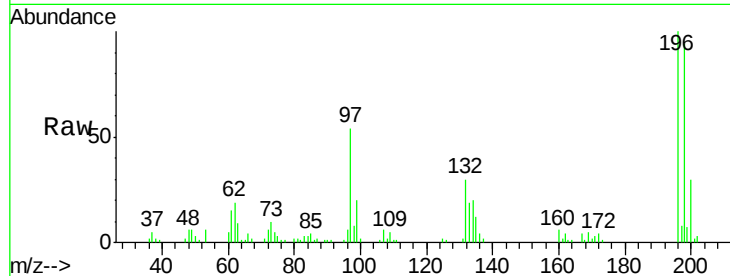
Instrument :
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 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	89175		
198	93.9	77.8	116.6	
97	53.9	45.8	68.6	
132	29.7	25.1	37.7	

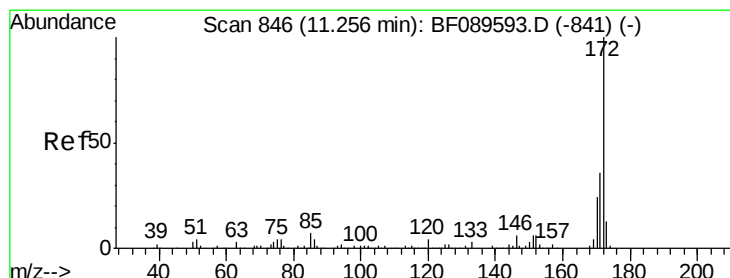
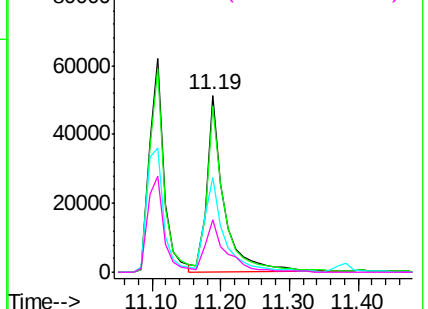
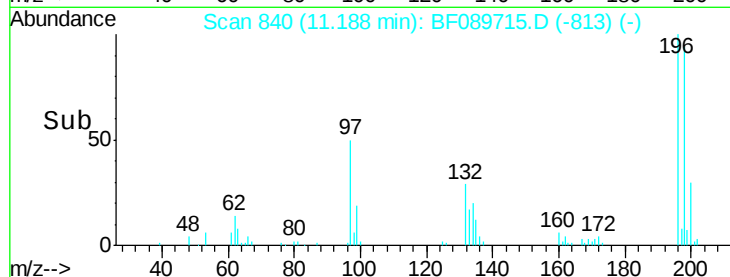
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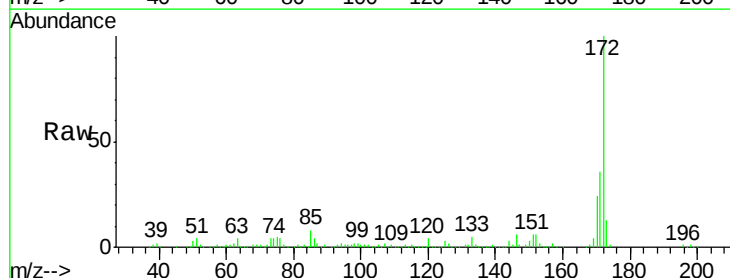


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

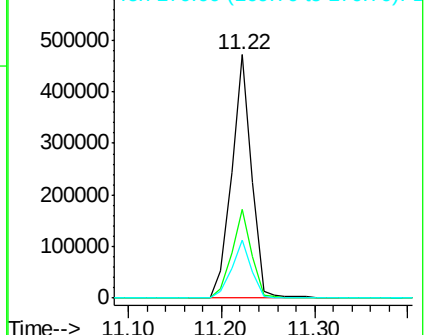
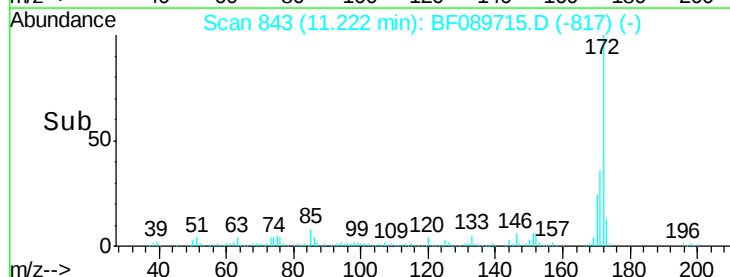


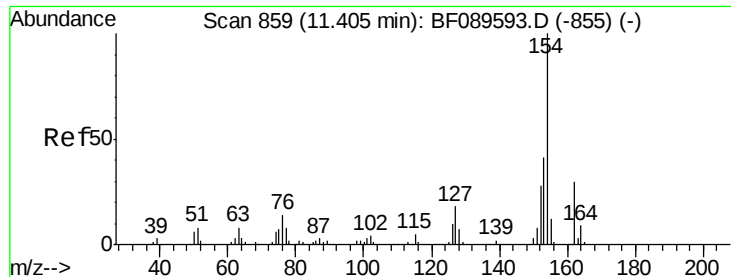
#44
 2-Fluorobiphenyl
 Concen: 77.65 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	706798		
171	36.4	28.9	43.3	
170	23.7	19.0	28.6	



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: 39.33 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

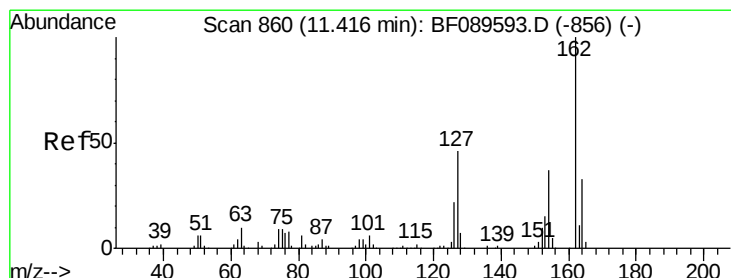
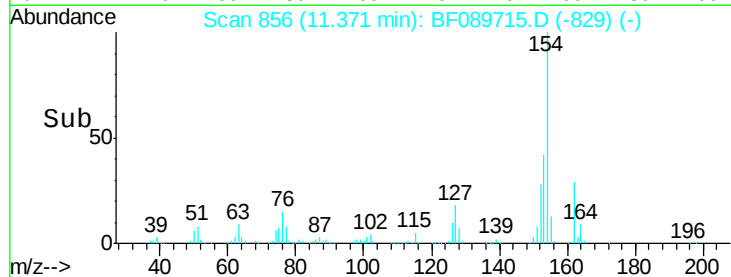
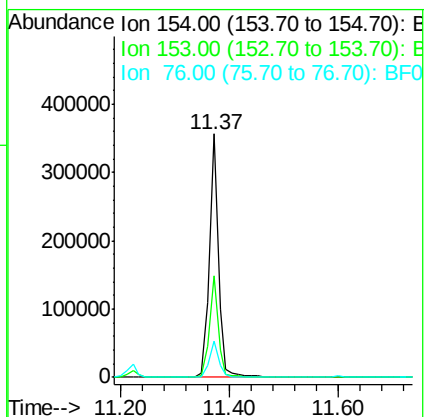
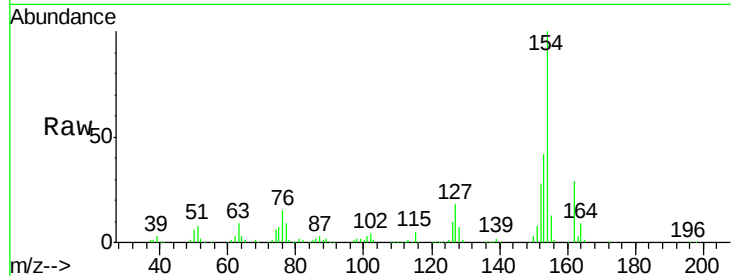
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	154	Resp:	419654
Ion Ratio		Lower	Upper
154	100		
153	41.6	20.6	60.6
76	14.9	0.0	33.7

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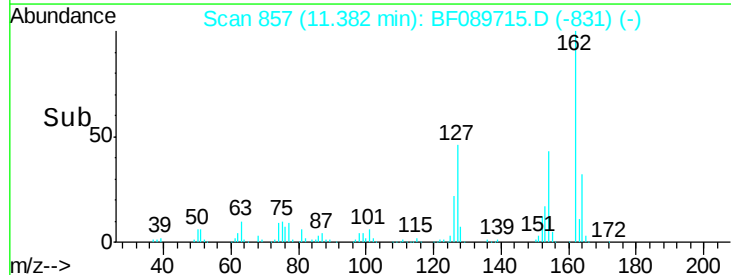
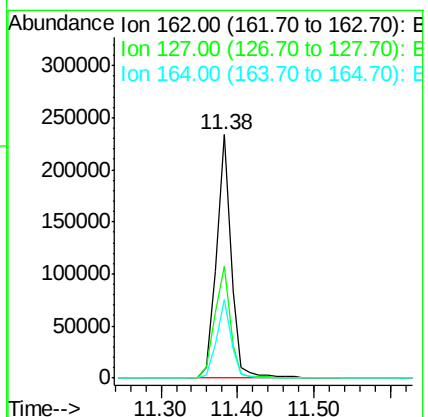
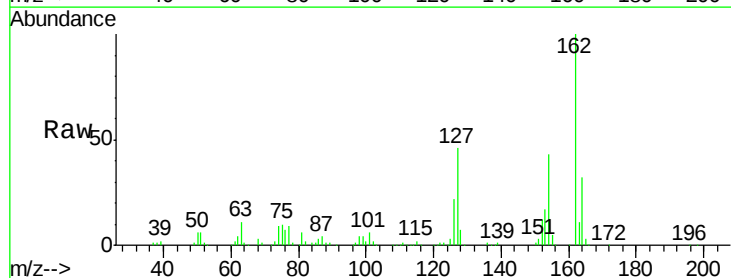
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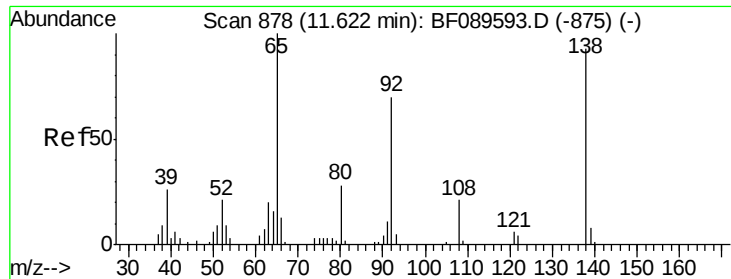
8/11/2016 5:52:30 PM



#46
 2-Chloronaphthalene
 Concen: 39.34 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion:	162	Resp:	314643
Ion Ratio		Lower	Upper
162	100		
127	46.1	36.6	54.8
164	32.3	26.8	40.2





#47
2-Nitroaniline
Concen: 43.59 ng
RT: 11.60 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

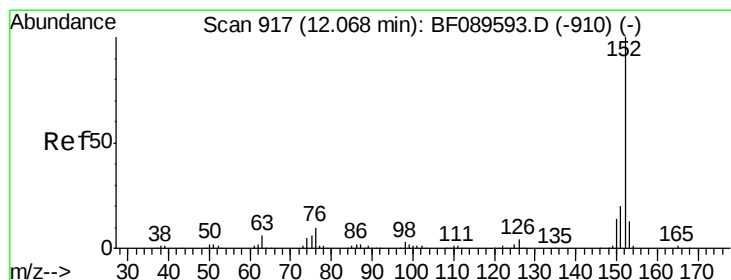
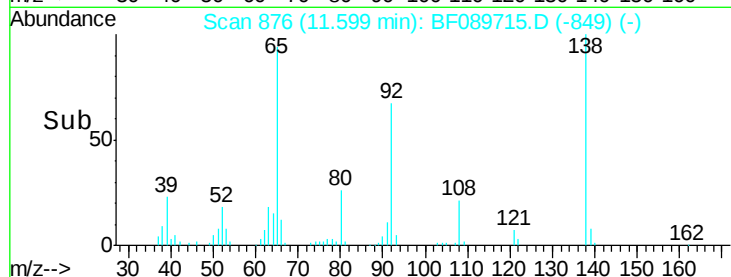
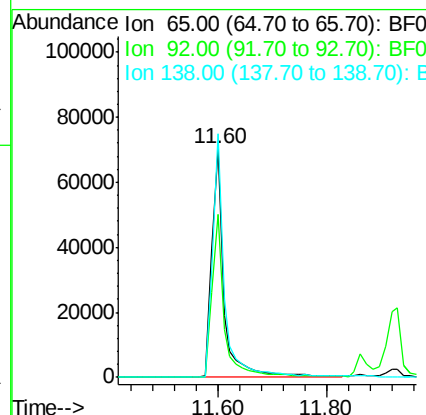
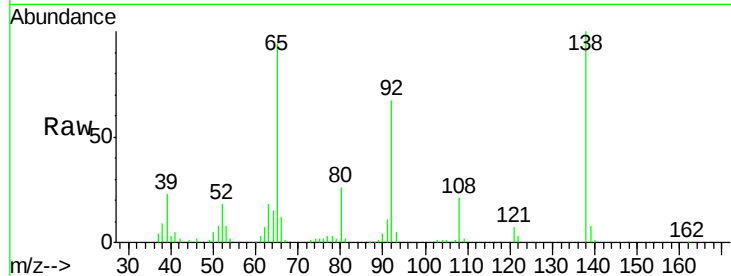
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	56.3	84.5
138	106.4	74.3	111.5

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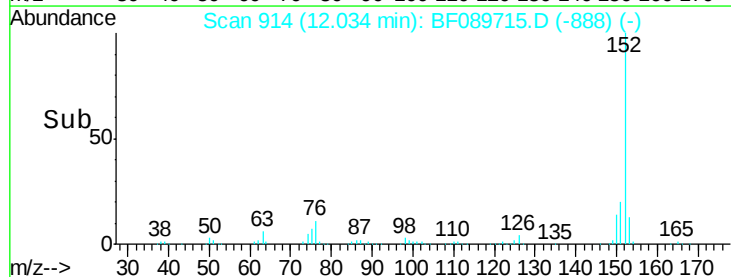
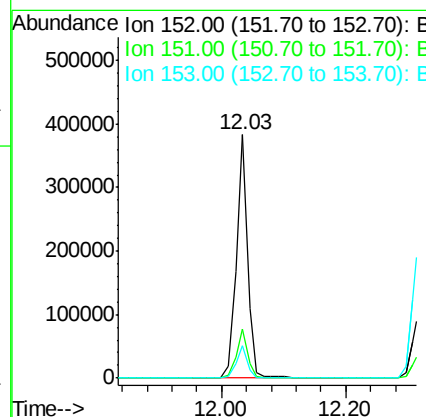
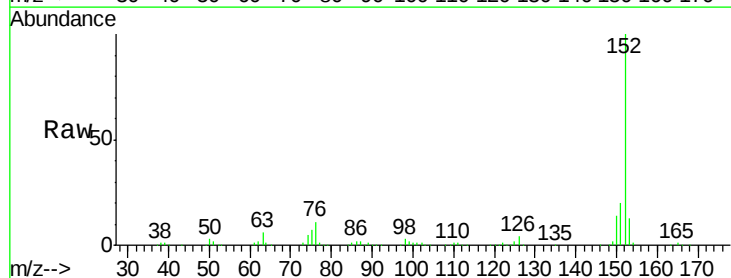
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#48
Acenaphthylene
Concen: 36.75 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.3	10.5	15.7





#49
Dimethylphthalate
Concen: 41.35 ng
RT: 11.93 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

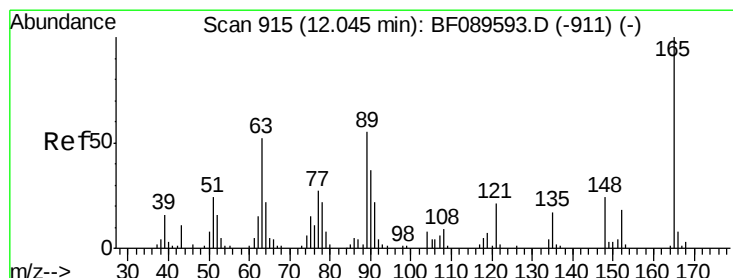
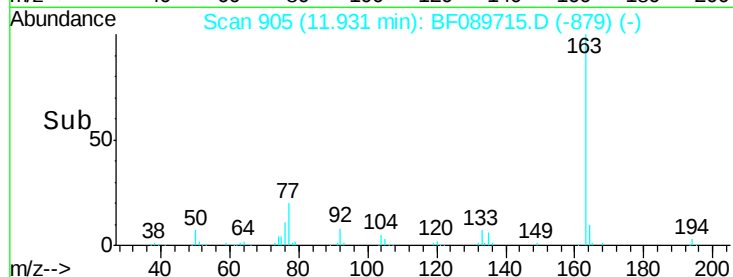
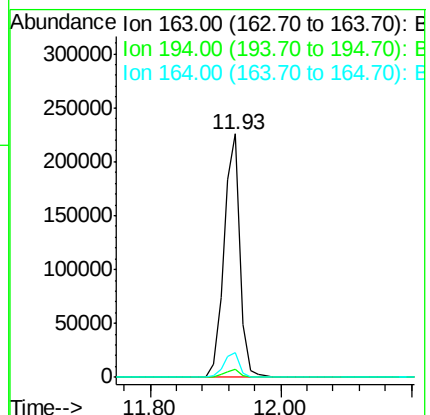
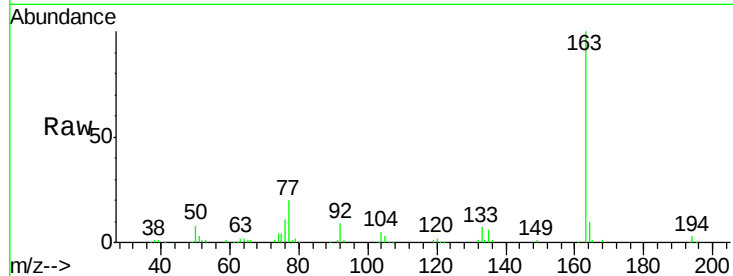
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.7	4.1
164	10.0	7.8	11.6

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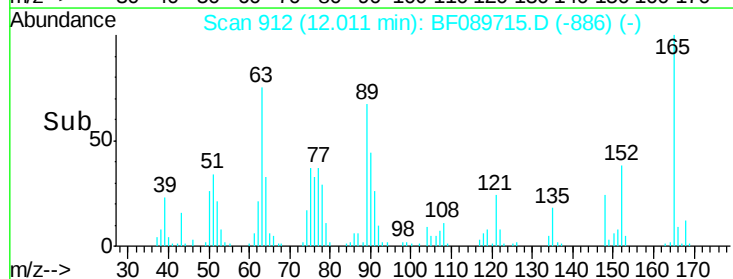
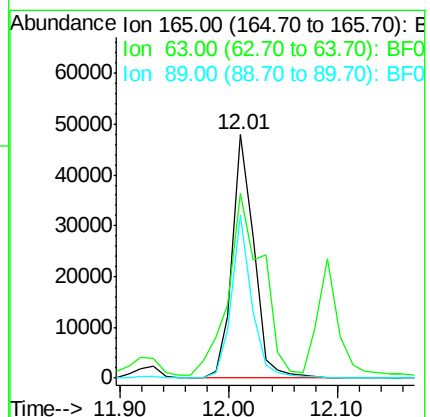
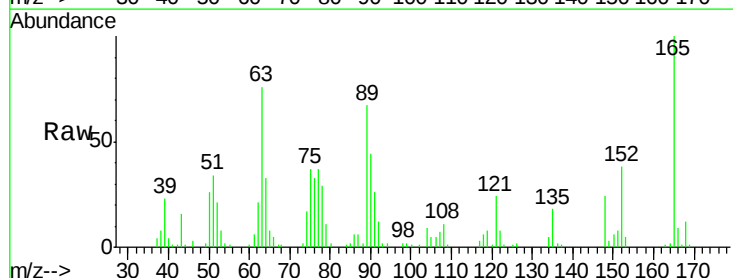
sohil

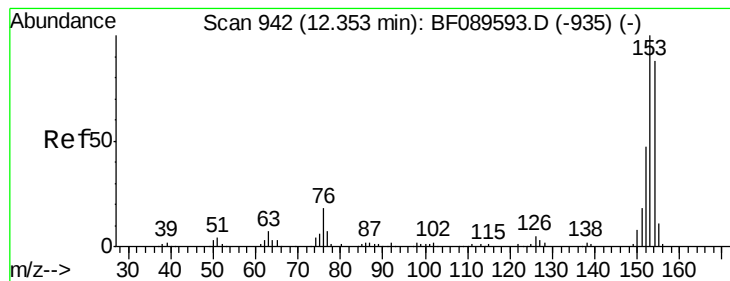
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#50
2,6-Dinitrotoluene
Concen: 35.76 ng
RT: 12.01 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	75.8	44.6	67.0#
89	66.9	44.2	66.2#





#51

Acenaphthene

Concen: 37.19 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Instrument :

BNA_F

ClientSampleId :

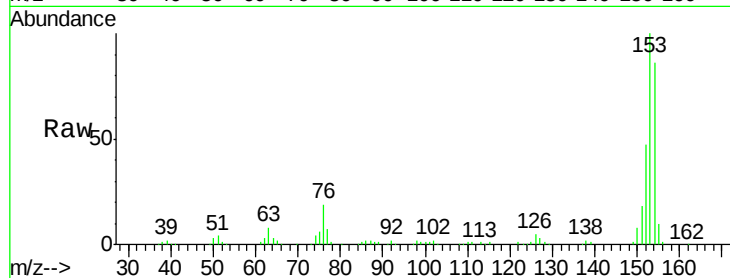
SSTDCCC040EC

Tgt Ion:	154	Resp:	283047
Ion Ratio	Lower	Upper	
154	100		
153	115.7	91.1	136.7
152	54.1	43.5	65.3

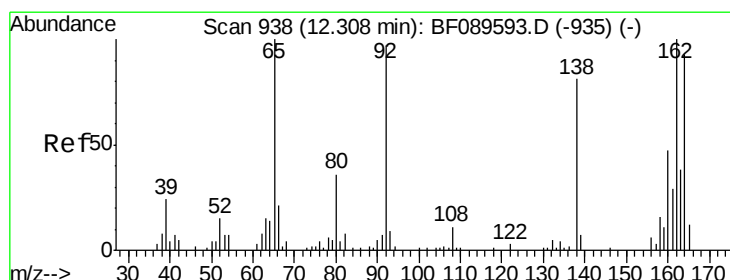
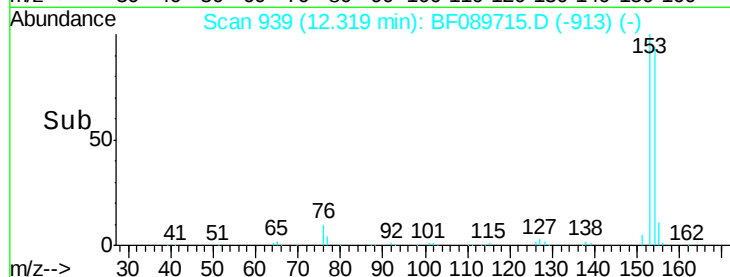
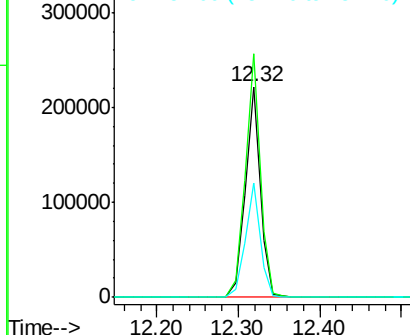
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.18 ng

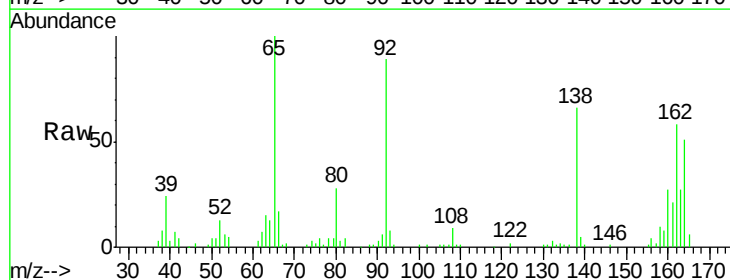
RT: 12.27 min Scan# 935

Delta R.T. -0.00 min

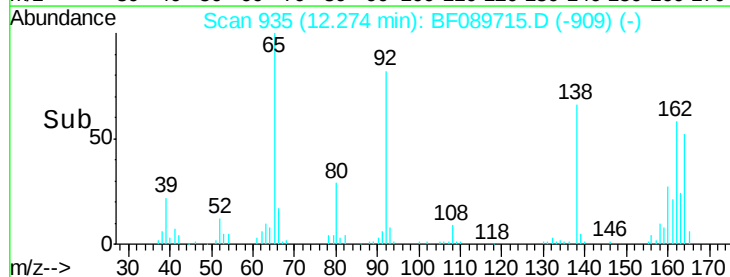
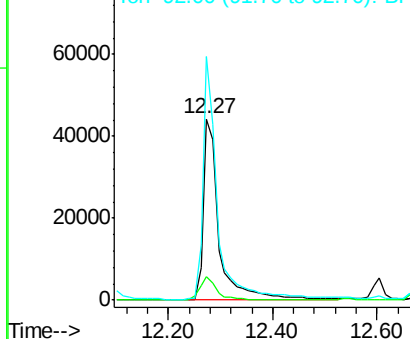
Lab File: BF089715.D

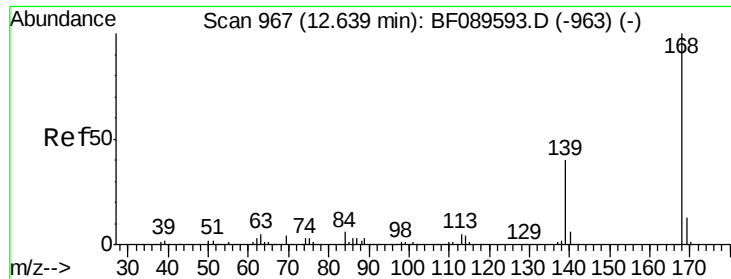
Acq: 11 Aug 2016 1:24

Tgt Ion:	138	Resp:	93011
Ion Ratio	Lower	Upper	
138	100		
108	13.2	10.7	16.1
92	134.6	96.6	145.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#54
Dibenzenofuran
Concen: 37.31 ng
RT: 12.61 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

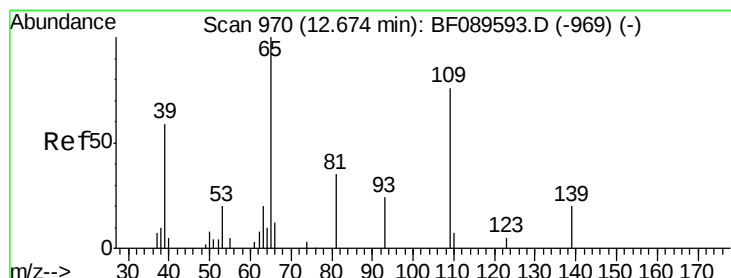
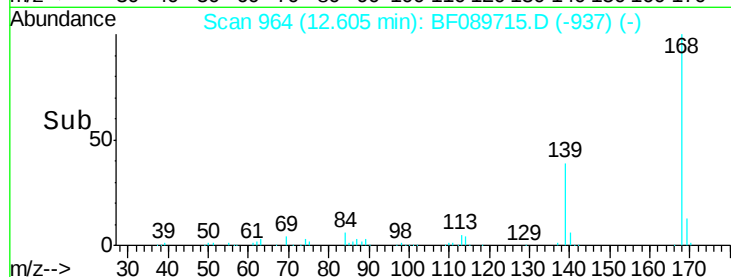
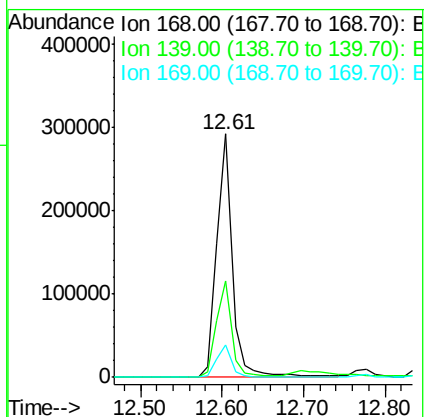
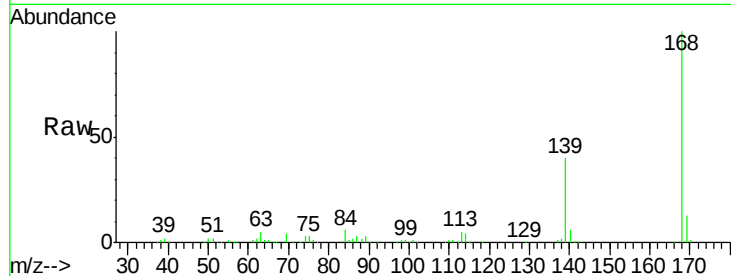
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	168	Resp:	390343
Ion Ratio	Lower	Upper	
168	100		
139	39.7	32.3	48.5
169	13.3	10.6	15.8

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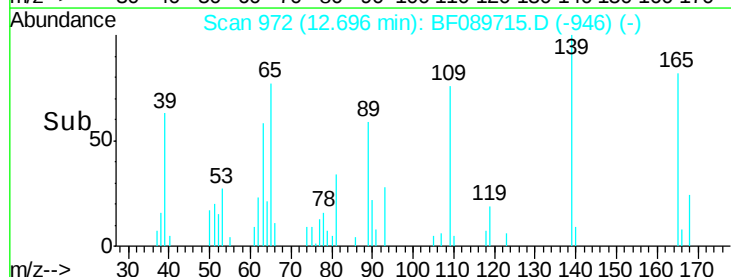
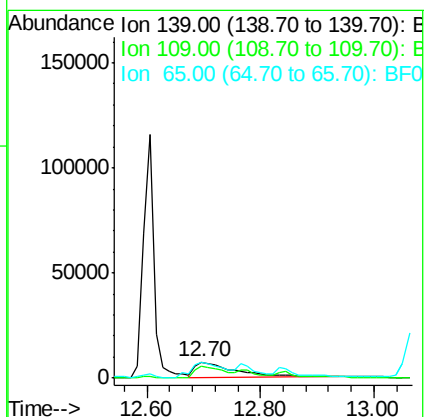
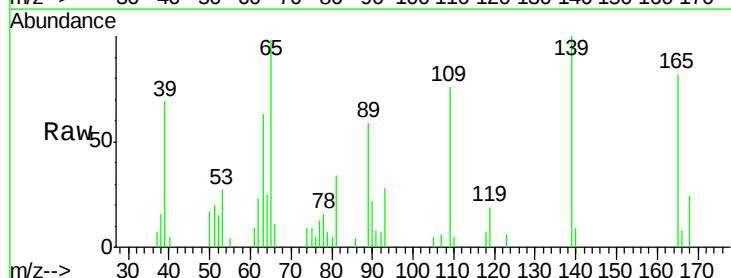
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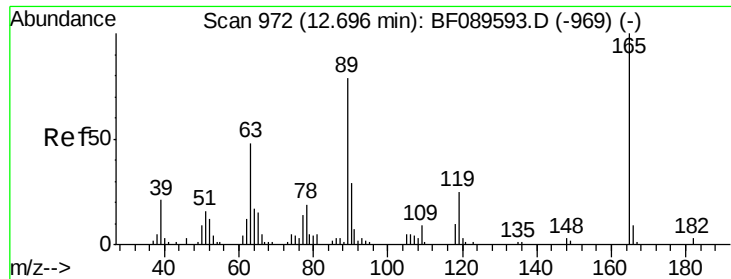
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#55
4-Nitrophenol
Concen: 29.06 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion:	139	Resp:	36309
Ion Ratio	Lower	Upper	
139	100		
109	76.1	28.9	68.9#
65	97.9	49.2	89.2#





#56
2,4-Dinitrotoluene
Concen: 31.48 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

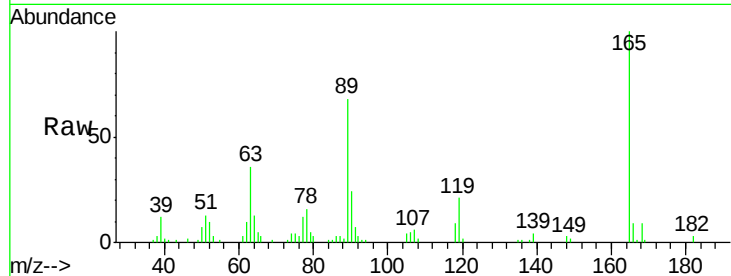
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		81627		
63	36.3	42.2	63.4#		
89	67.7	64.4	96.6		
182	2.6	2.1	3.1		

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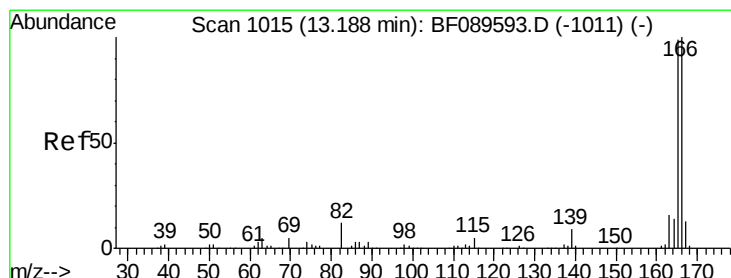
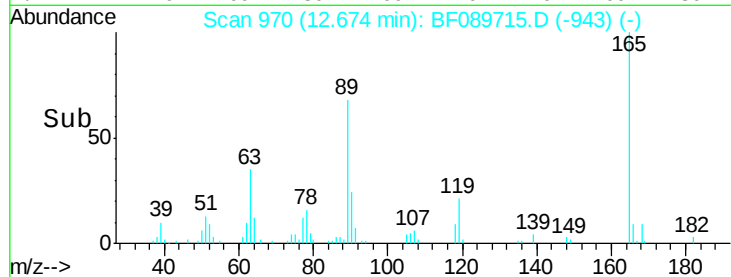
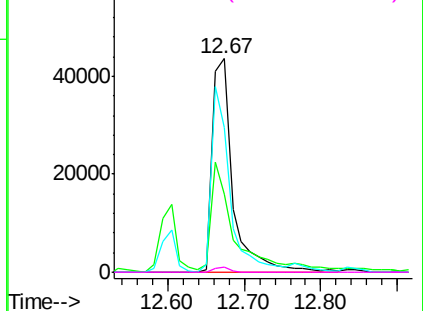


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



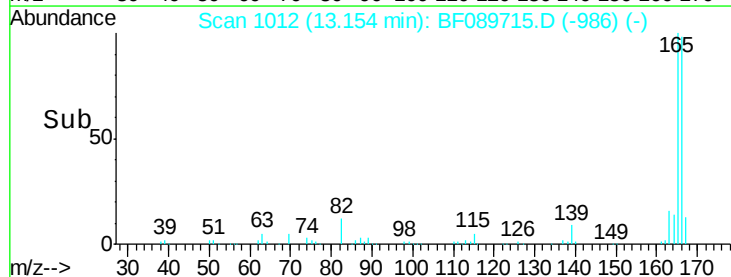
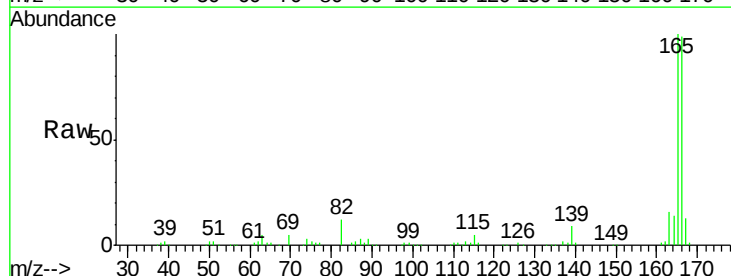
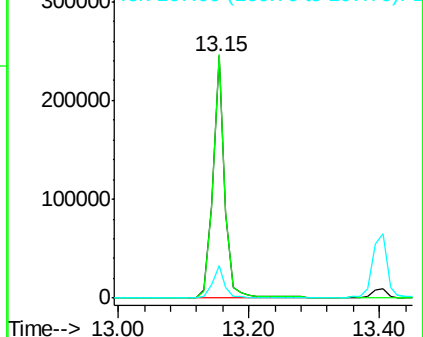
#57
Fluorene
Concen: 35.52 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

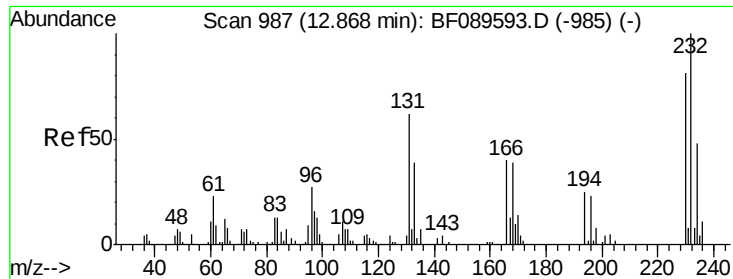
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		317678		
165	100.6	78.9	118.3		
167	13.2	10.4	15.6		

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.48 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

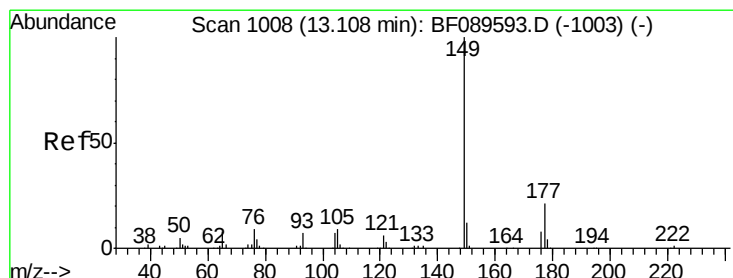
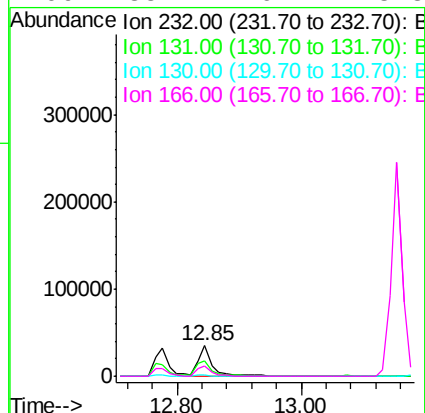
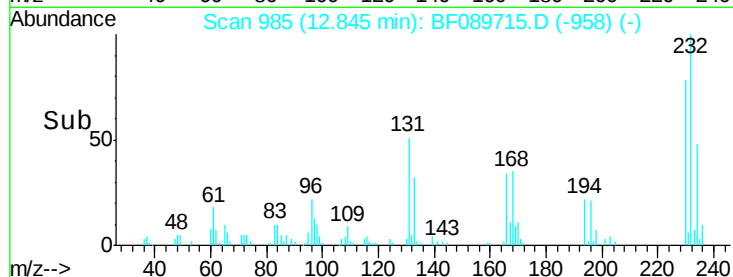
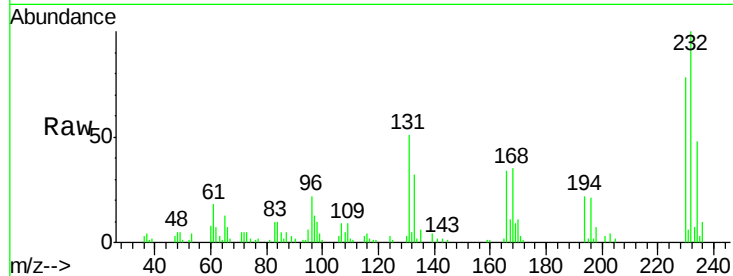
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	232	Resp:	57799
Ion Ratio	Lower	Upper	
232	100		
131	57.0	46.2	69.2
130	2.4	1.7	2.5
166	35.1	29.2	43.8

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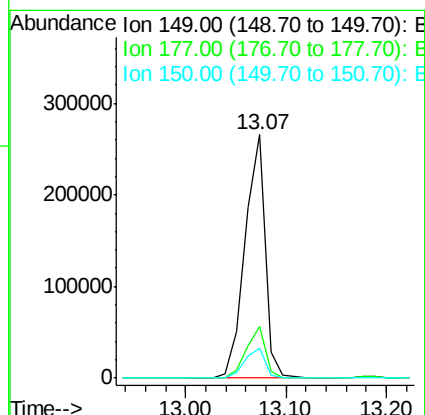
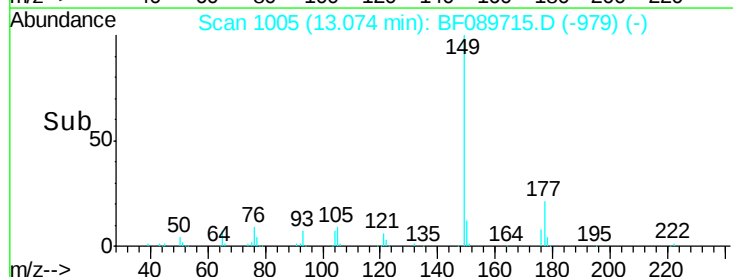
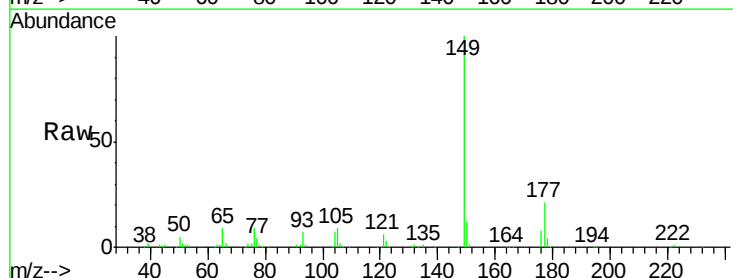
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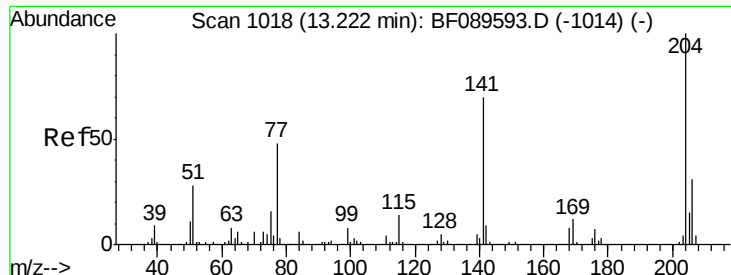
8/11/2016 5:52:30 PM



#59
 Diethylphthalate
 Concen: 38.95 ng
 RT: 13.07 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion:	149	Resp:	373498
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.8	25.2
150	12.1	9.6	14.4





#60
4-Chlorophenyl-phenylether
Concen: 38.26 ng
RT: 13.19 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

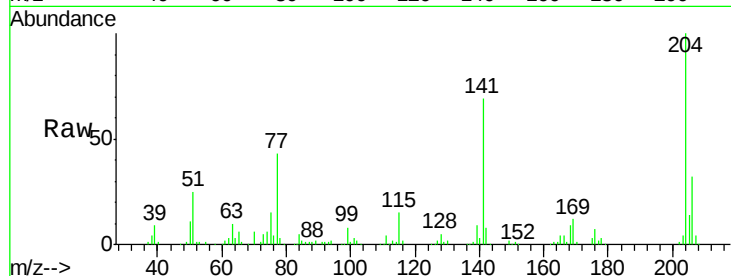
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	156909		
206	31.7	25.0	37.4	
141	68.6	56.2	84.4	

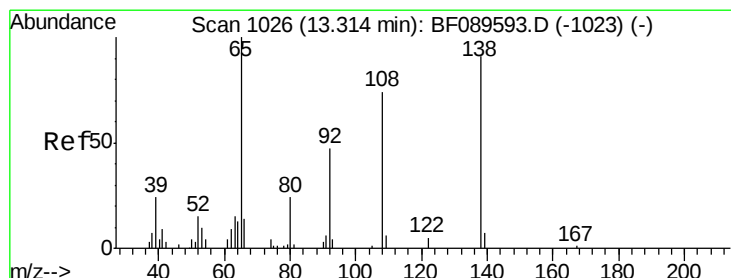
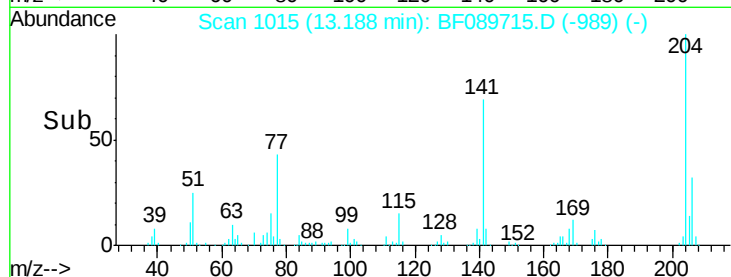
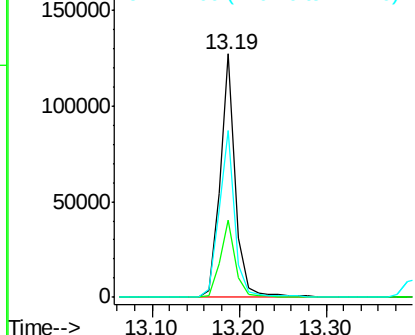
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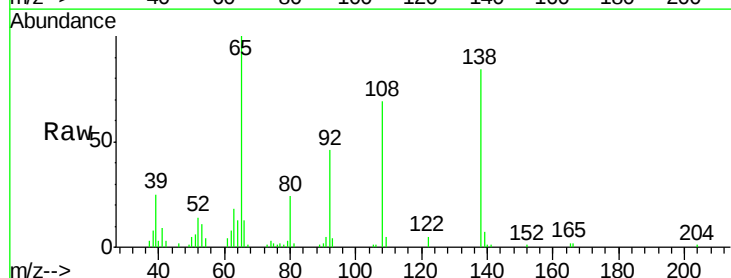


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

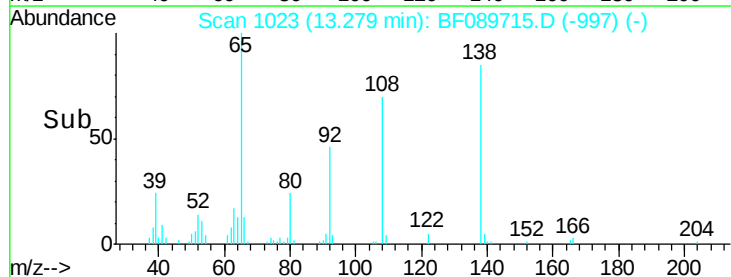
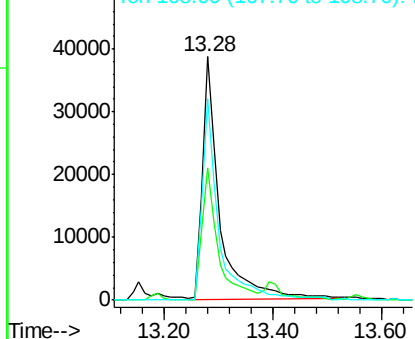


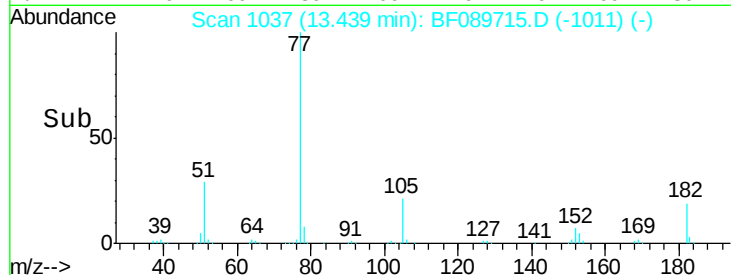
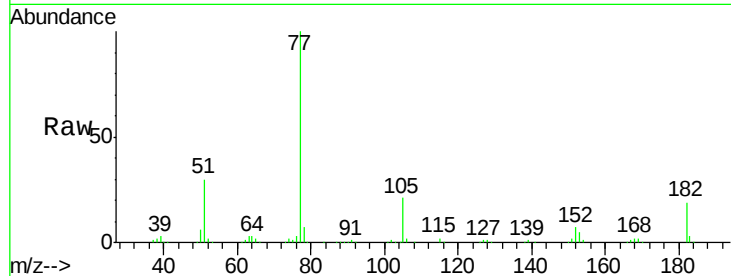
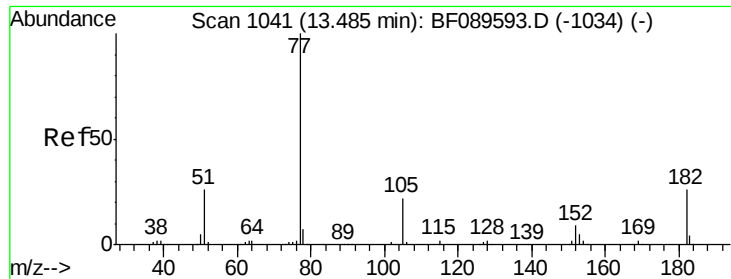
#61
4-Nitroaniline
Concen: 42.06 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	83386		
92	54.5	31.6	71.6	
108	82.8	61.5	101.5	



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62
Azobenzene
Concen: 37.39 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

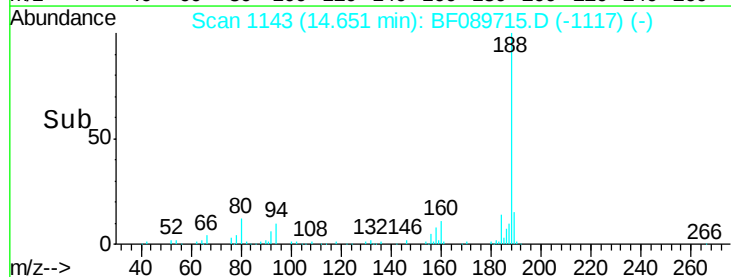
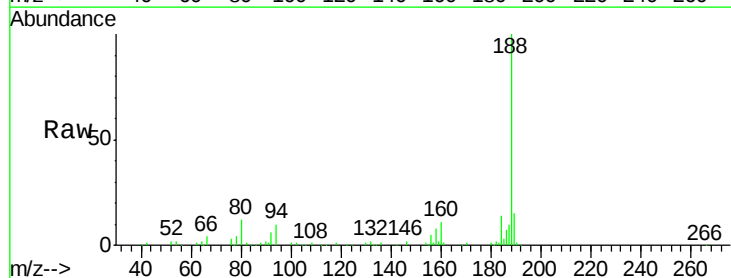
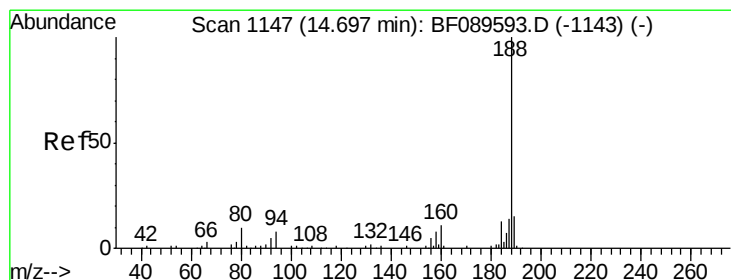
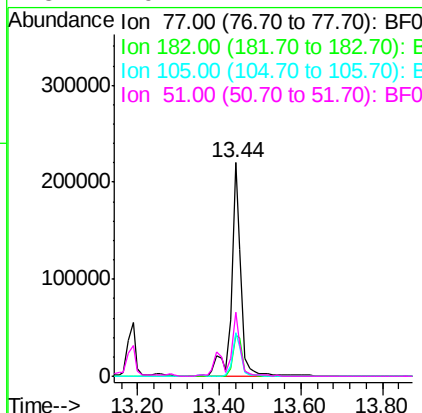
Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.1	5.8	45.8
105	20.7	2.9	42.9
51	29.7	7.2	47.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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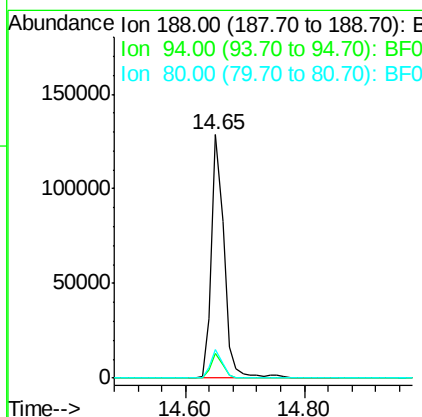
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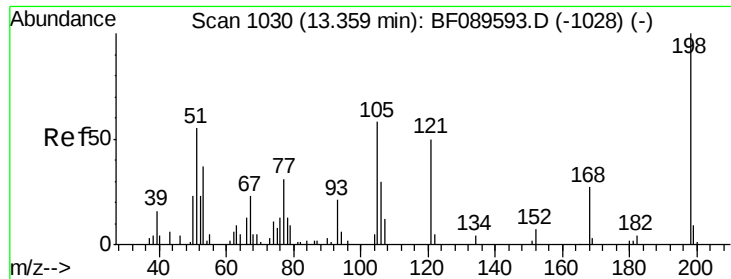
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.5	9.7#
80	11.9	8.0	12.0





#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.37 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

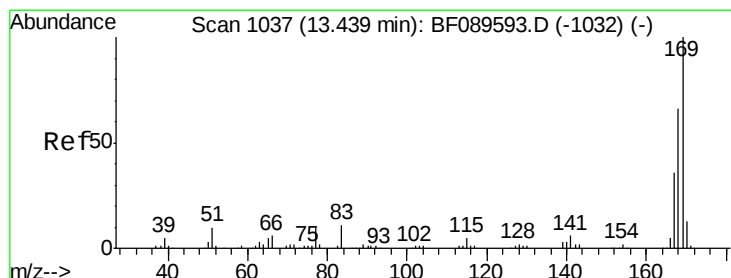
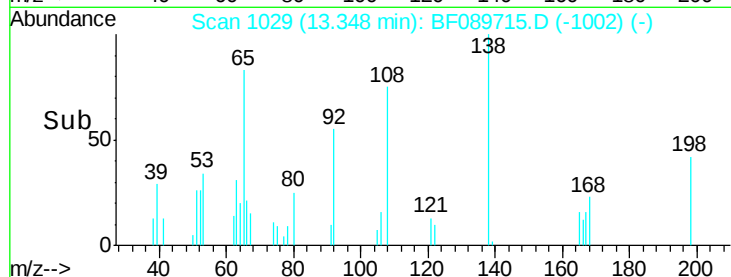
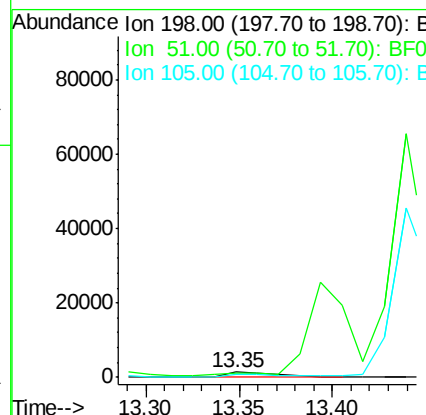
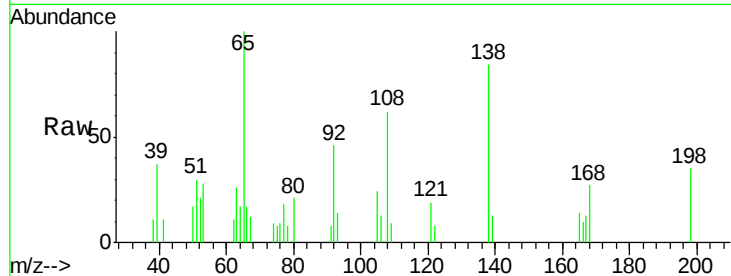
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2634		
51	85.4	38.9	78.9	
105	67.0	38.1	78.1	

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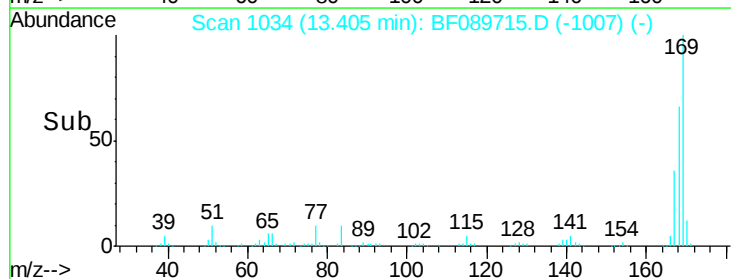
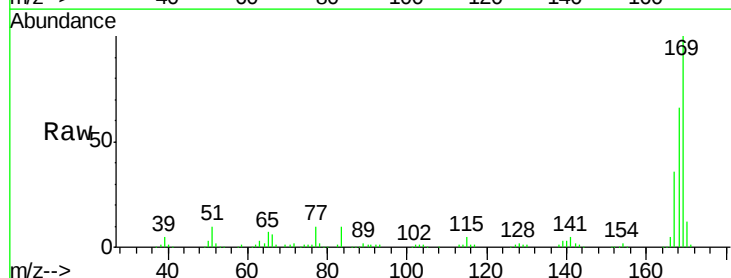
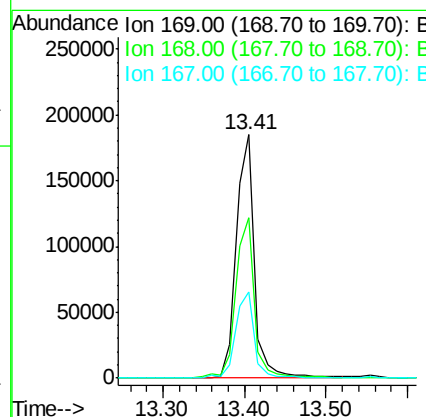
sohil

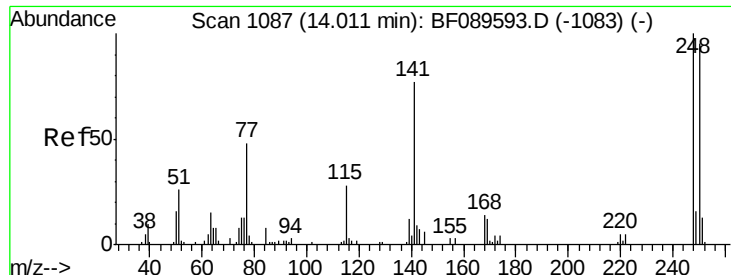
8/11/2016 5:52:30 PM



#65
 n-Nitrosodiphenylamine
 Concen: 44.47 ng
 RT: 13.41 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	285168		
168	66.0	54.2	81.2	
167	35.5	28.9	43.3	





#66
 4-Bromophenyl-phenylether
 Concen: 44.09 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

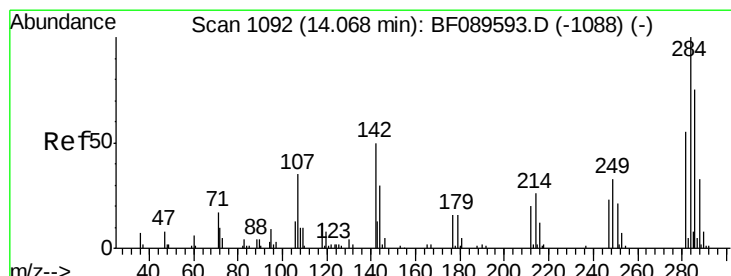
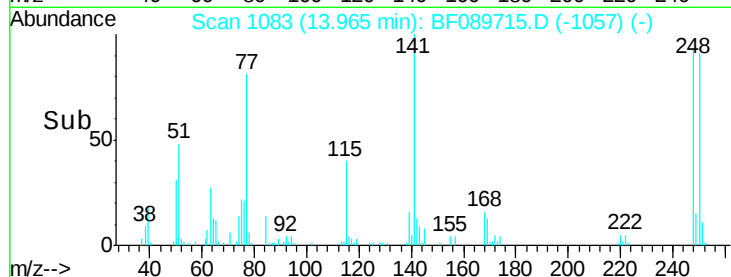
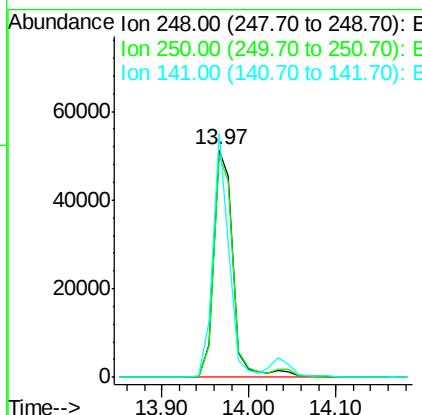
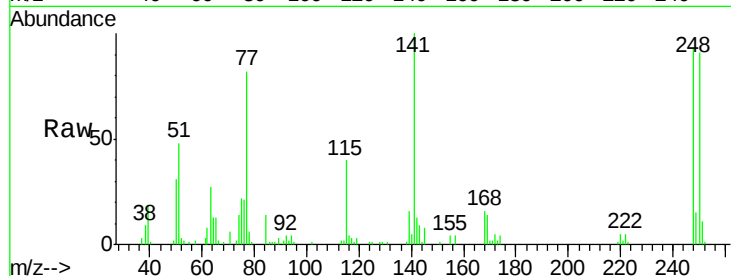
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.2	114.2
141	107.1	61.3	91.9

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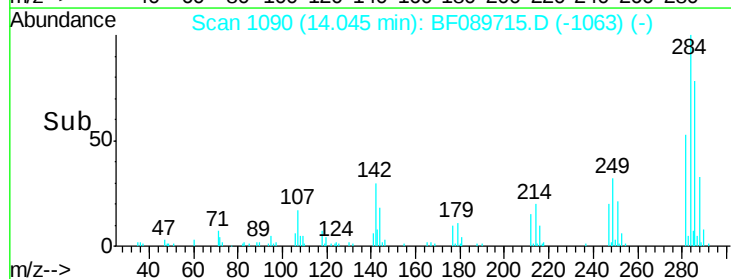
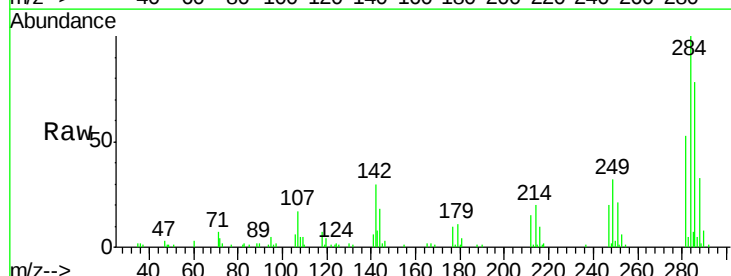
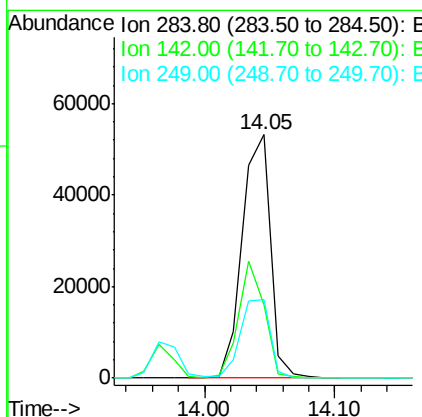
sohil

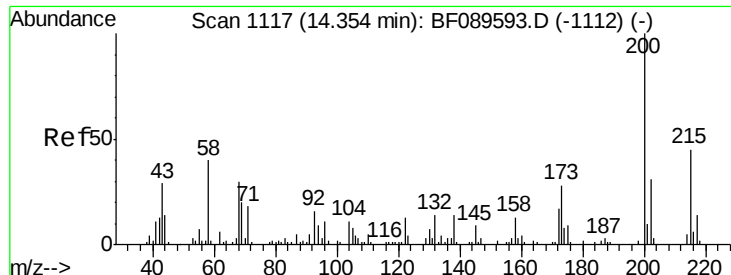
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#67
 Hexachlorobenzene
 Concen: 39.50 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	41.4	62.0
249	32.3	28.6	43.0





#68
 Atrazine
 Concen: 28.67 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

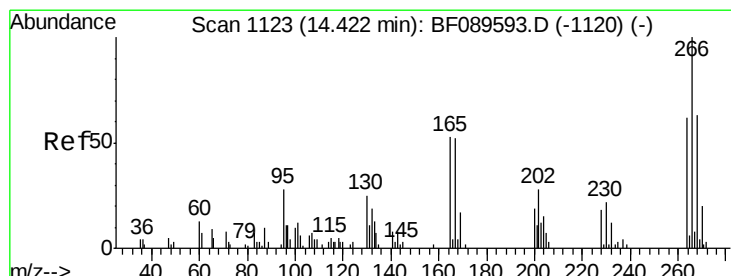
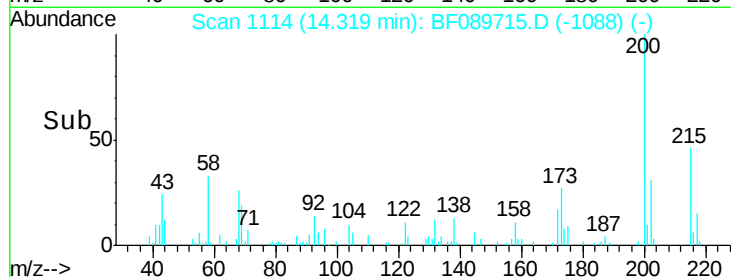
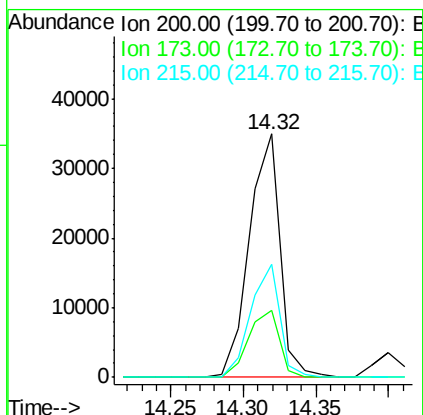
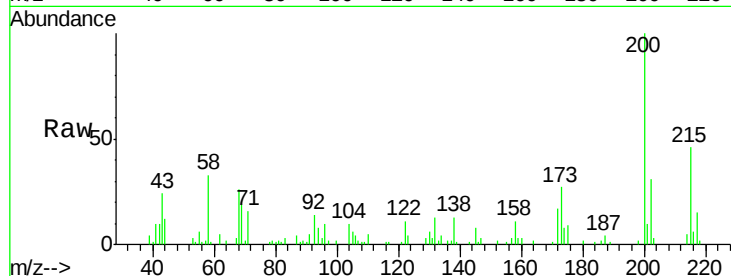
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	8.2	48.2
215	46.4	24.9	64.9

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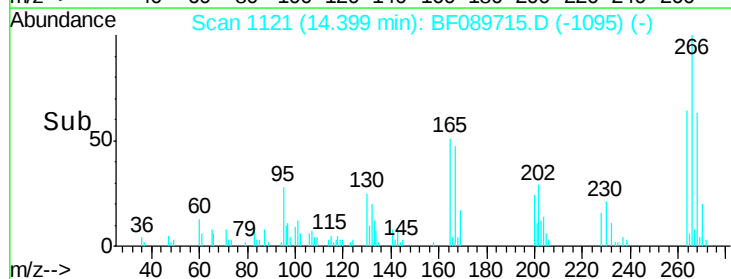
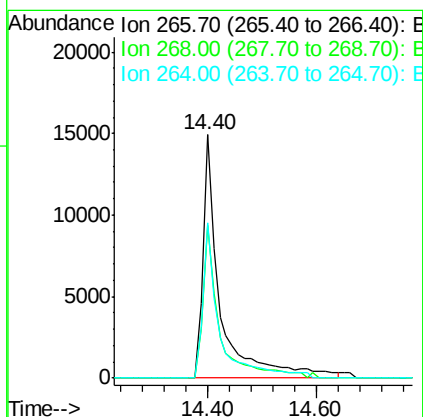
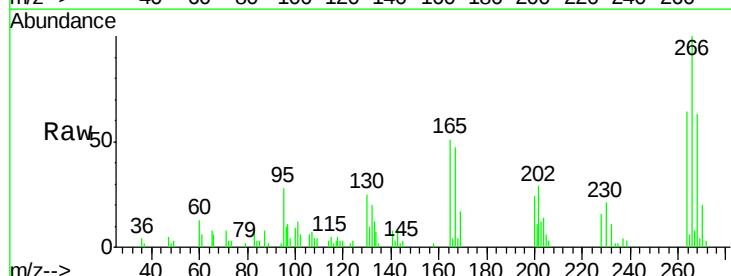
sohil

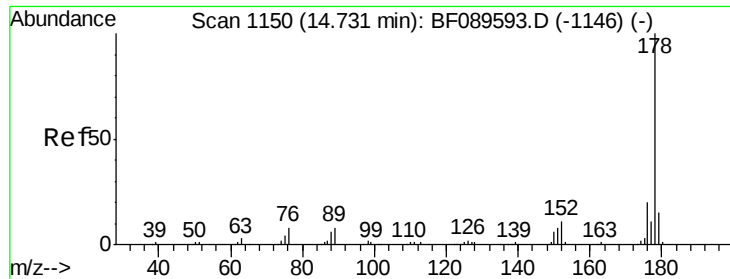
8/11/2016 5:52:30 PM



#69
 Pentachlorophenol
 Concen: 40.10 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	50.6	75.8
264	63.5	49.5	74.3





#70
Phenanthrene
Concen: 38.86 ng
RT: 14.70 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

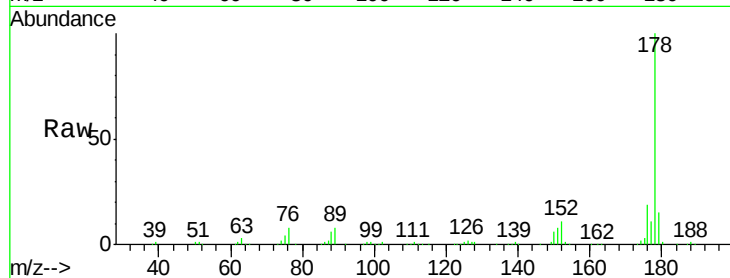
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.1	12.2	18.2

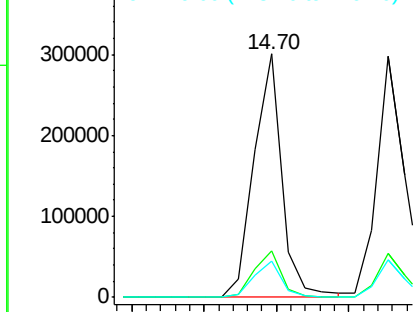
Manual Integrations
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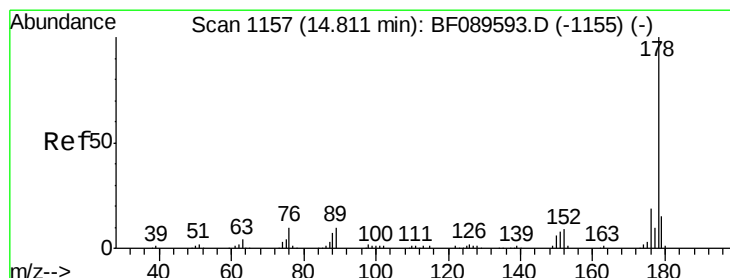
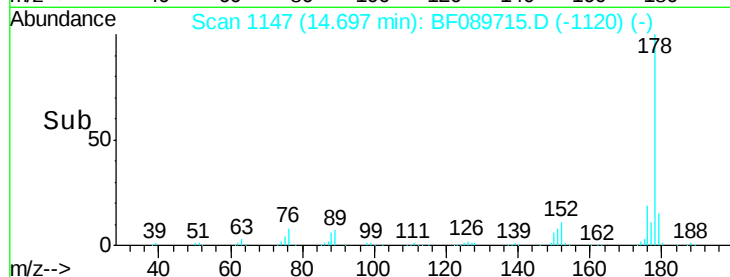
8/11/2016 5:52:30 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



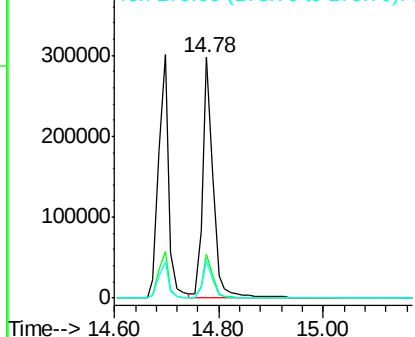
Time--> 14.60 14.65 14.70 14.75



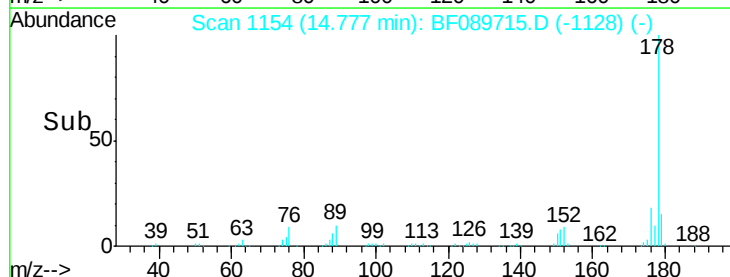
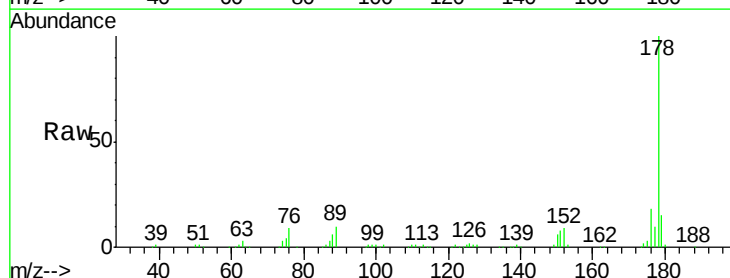
#71
Anthracene
Concen: 37.47 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

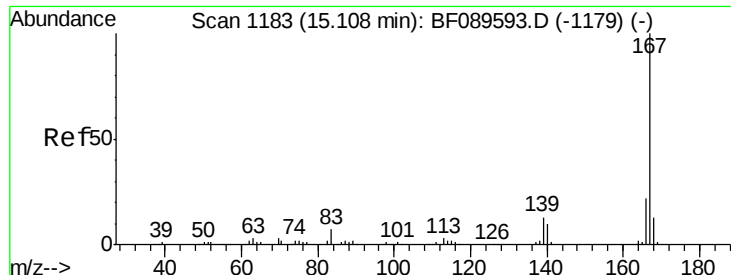
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.4	12.4	18.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 14.60 14.80 15.00





#72
 Carbazole
 Concen: 39.75 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

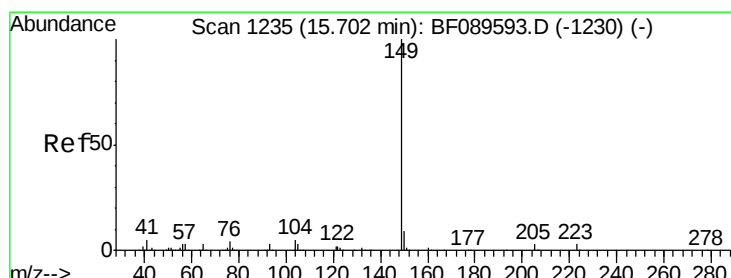
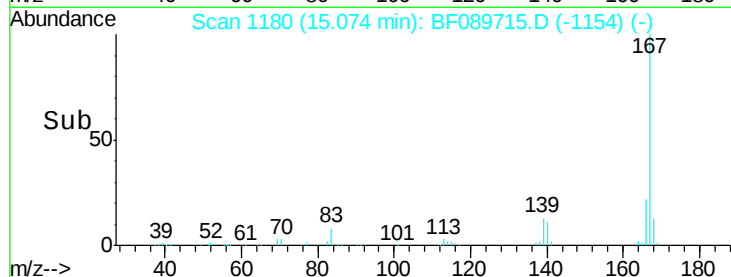
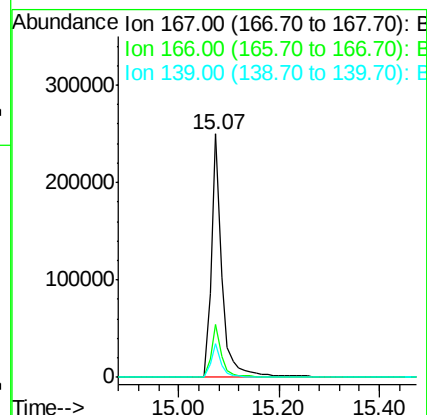
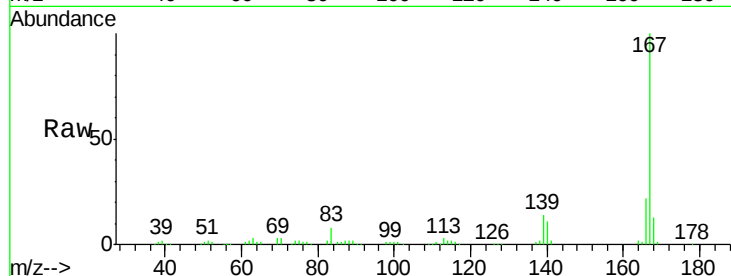
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	14.0	10.4	15.6

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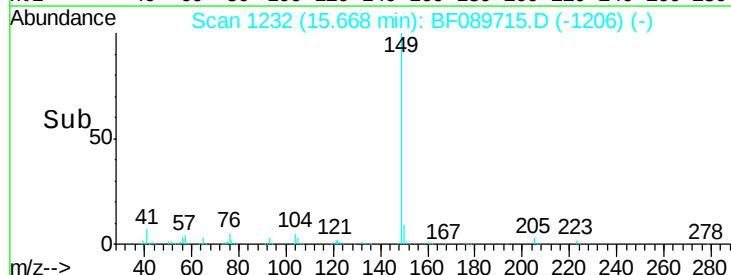
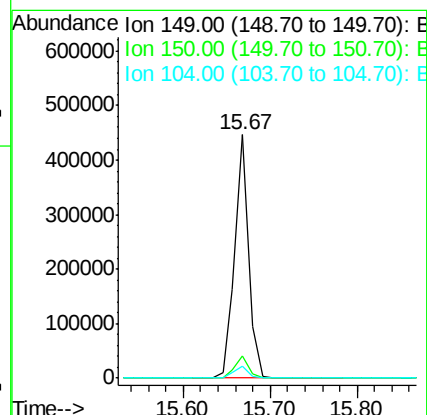
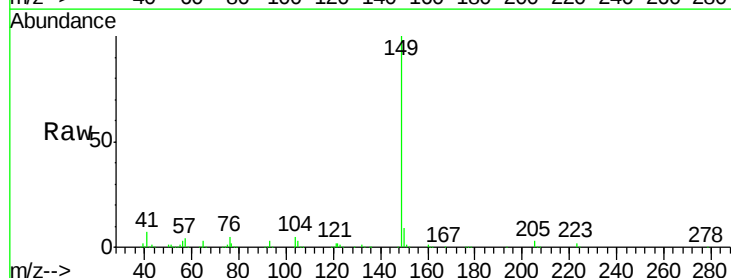
sohil

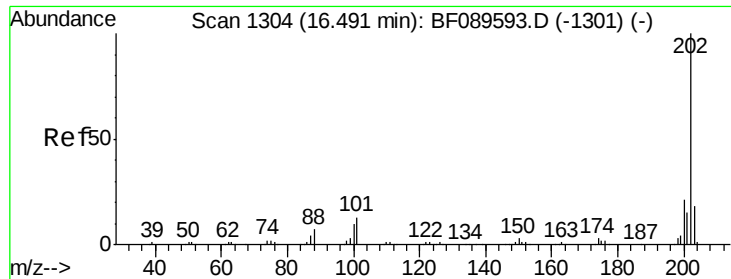
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#73
 Di-n-butylphthalate
 Concen: 39.85 ng
 RT: 15.67 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.0	3.8	5.8





#74
 Fluoranthene
 Concen: 38.30 ng
 RT: 16.47 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

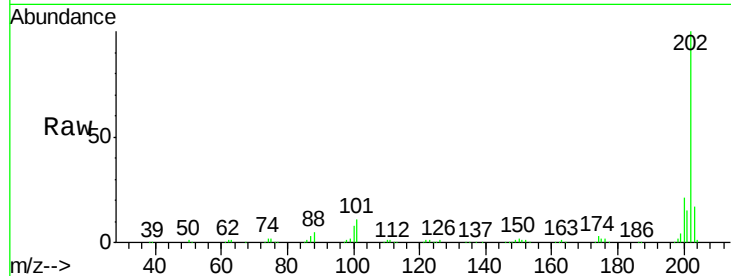
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	0.0	32.7
203	17.0	0.0	37.8

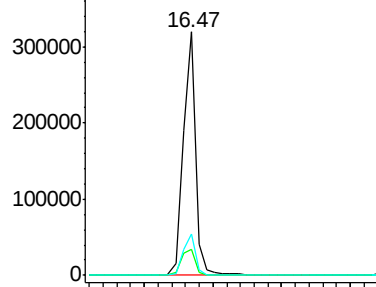
Manual Integrations
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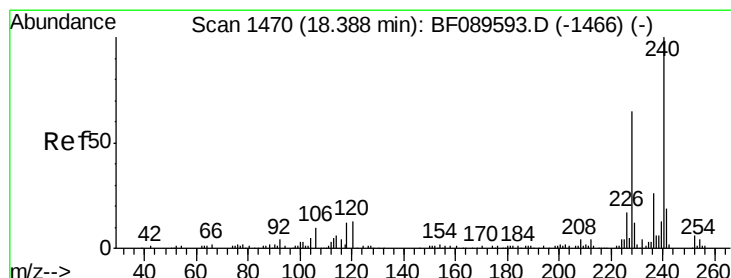
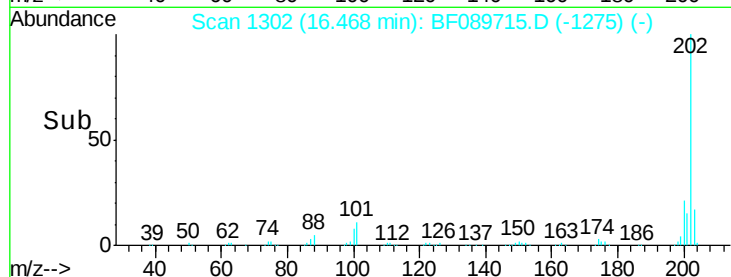
8/11/2016 5:52:30 PM



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

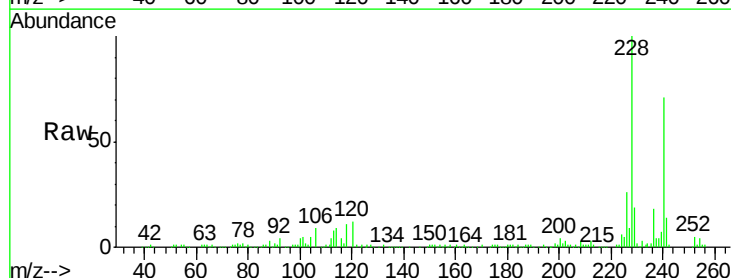


Time-->

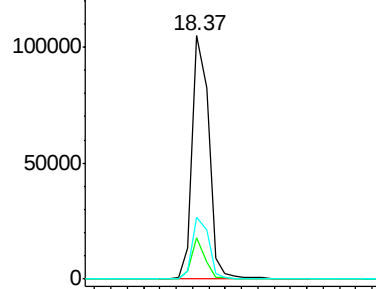


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

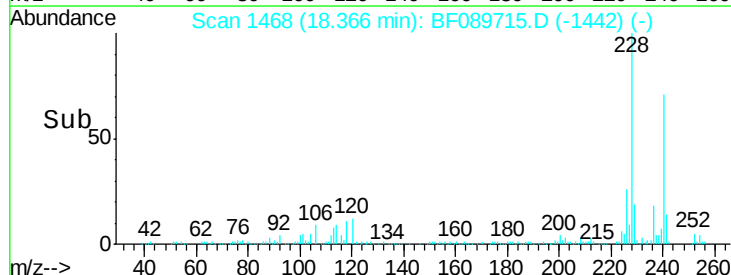
Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	17.1	10.6	15.8#
236	25.5	20.6	30.8

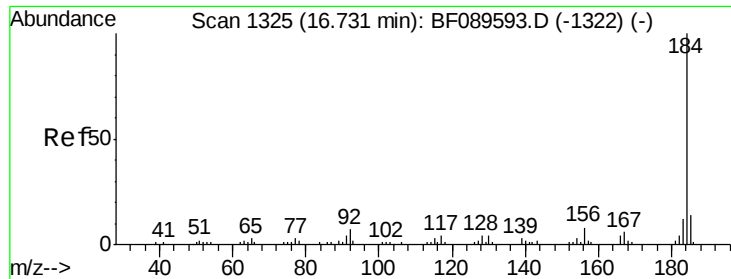


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 43.58 ng

RT: 16.71 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Instrument :

BNA_F

ClientSampleId :

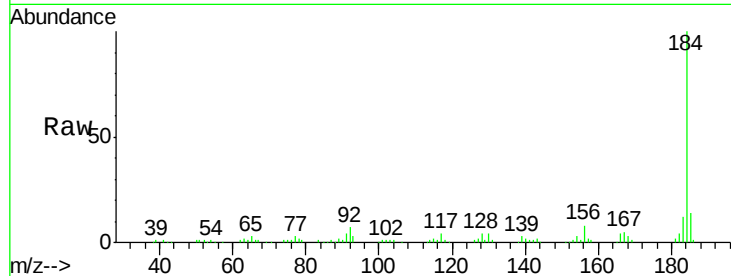
SSTDCCC040EC

Tgt Ion:	184	Resp:	196925
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.5	17.3
183	12.2	9.8	14.8

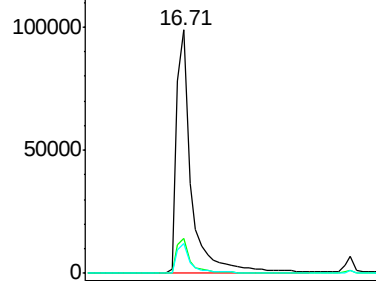
Manual Integrations
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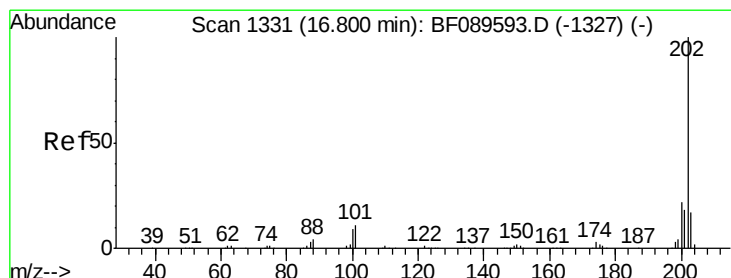
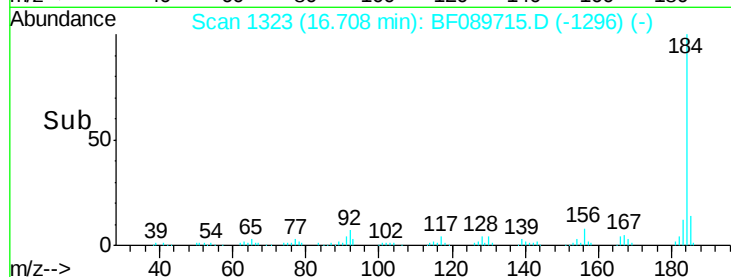
8/11/2016 5:52:30 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pyrene

Concen: 31.18 ng

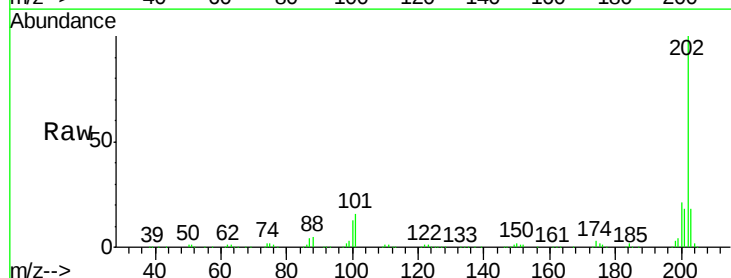
RT: 16.77 min Scan# 1328

Delta R.T. -0.00 min

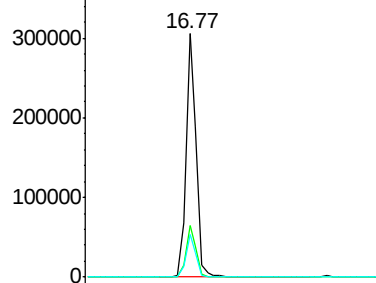
Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

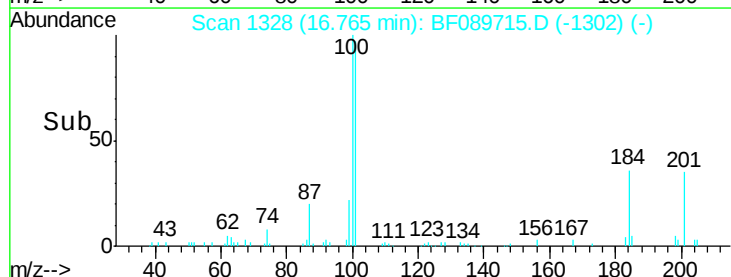
Tgt Ion:	202	Resp:	410908
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.0
203	17.5	13.6	20.4

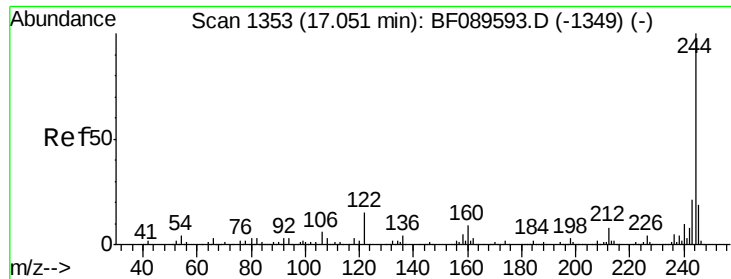


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#78
 Terphenyl-d14
 Concen: 58.56 ng
 RT: 17.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

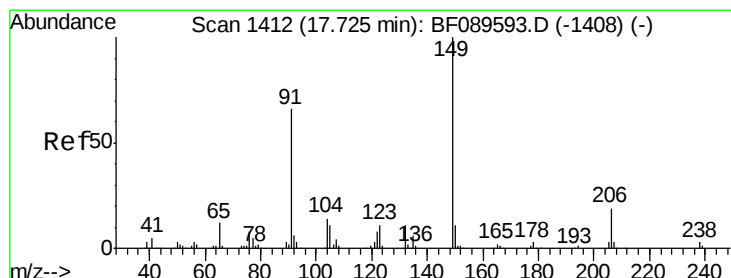
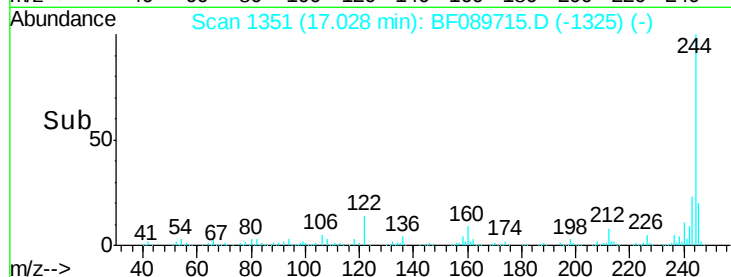
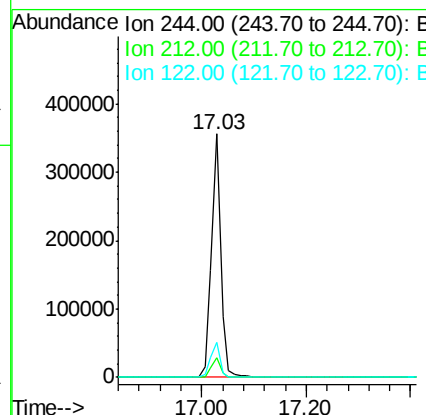
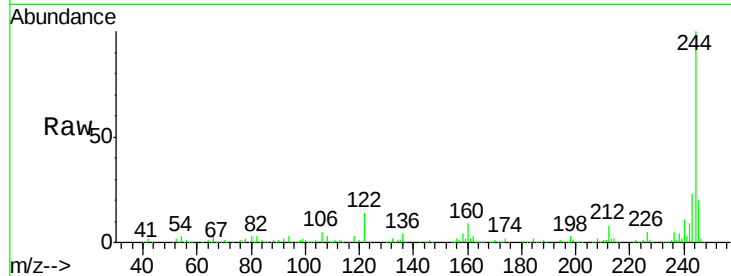
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	14.3	12.2	18.2

Manual Integrations
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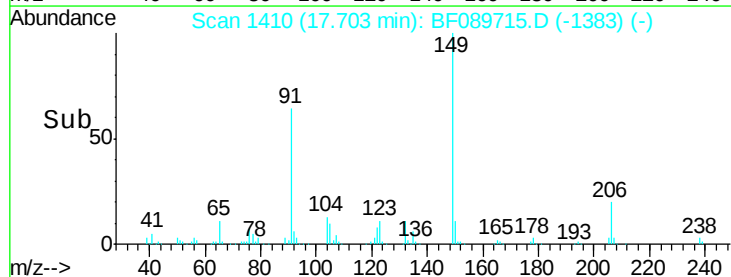
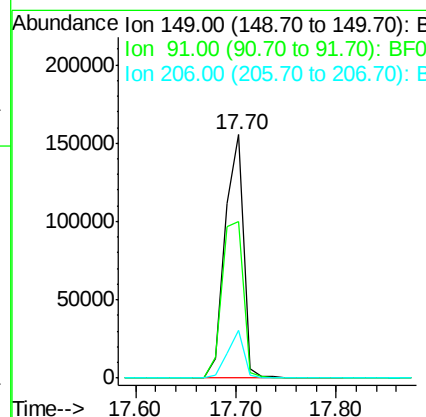
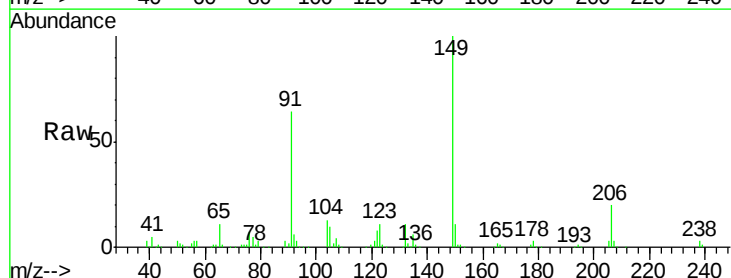
sohil

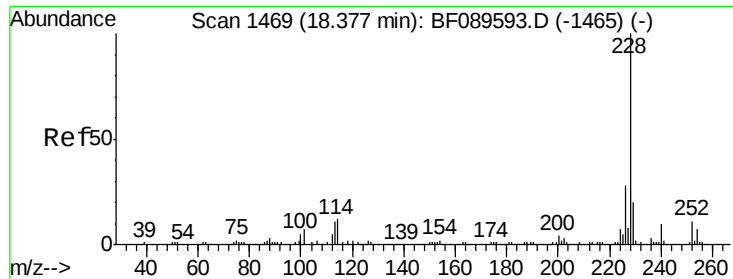
8/11/2016 5:52:30 PM



#79
 Butylbenzylphthalate
 Concen: 35.30 ng
 RT: 17.70 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF089715.D
 Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.4	52.6	78.8
206	19.5	15.4	23.0





#80
Benzo(a)anthracene
Concen: 39.45 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

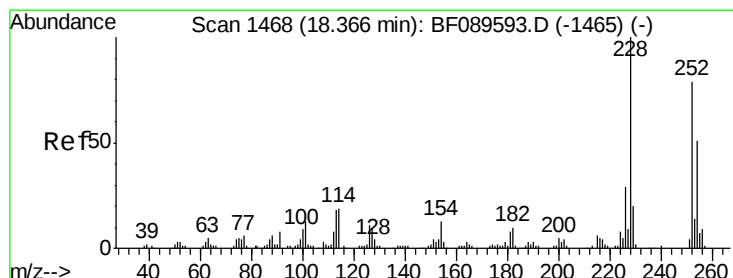
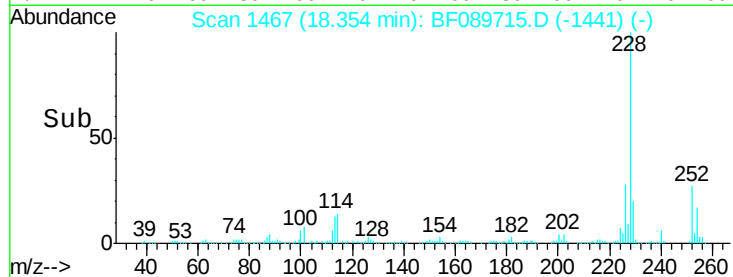
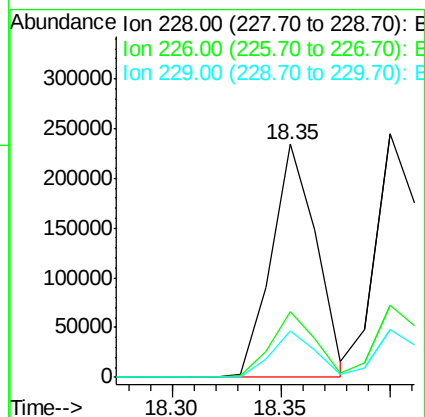
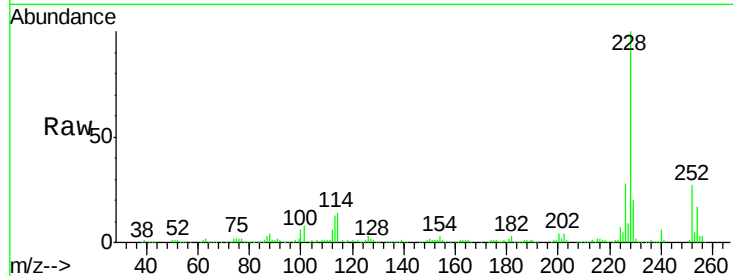
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	19.7	15.9	23.9

Manual Integrations
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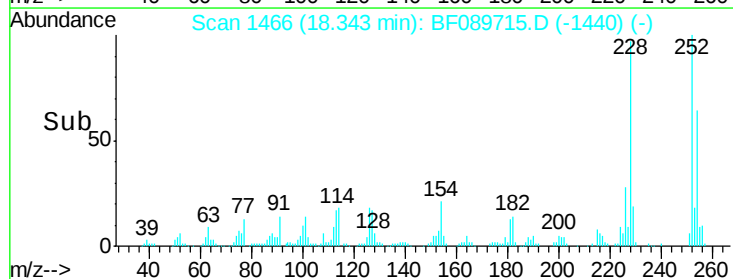
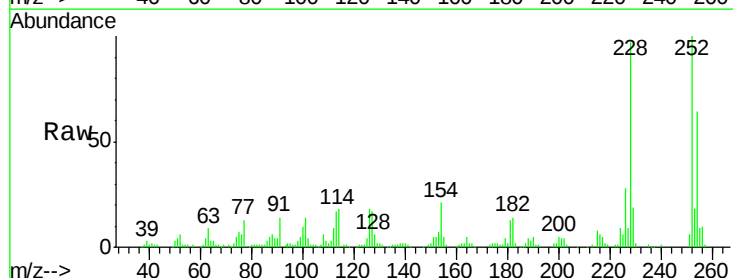
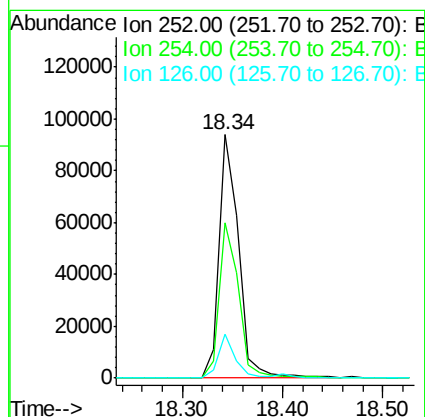
sohil

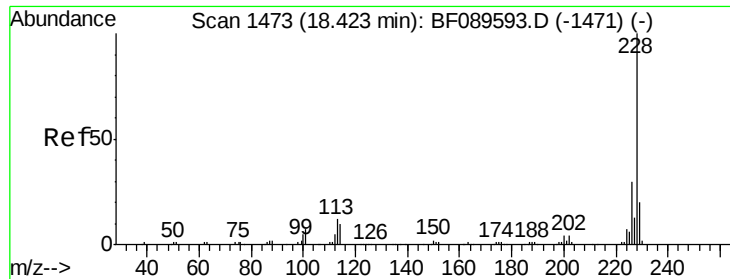
8/11/2016 5:52:30 PM



#81
3,3'-Dichlorobenzidine
Concen: 47.04 ng
RT: 18.34 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.7	77.5
126	18.1	11.0	16.4#





#82

Chrysene

Concen: 39.02 ng

RT: 18.40 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Instrument :

BNA_F

ClientSampleId :

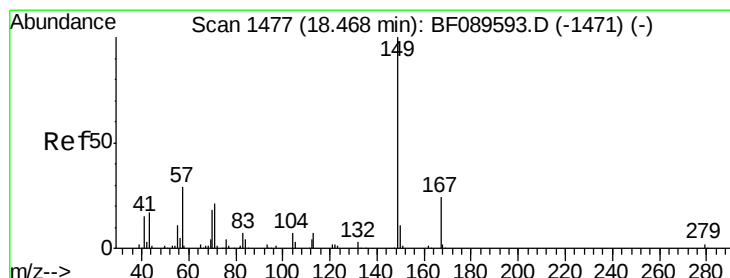
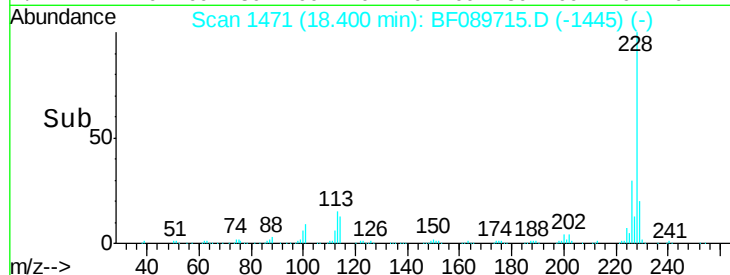
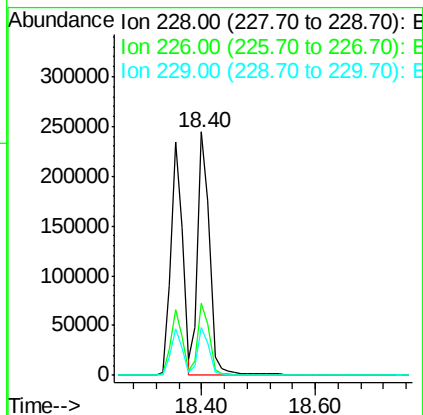
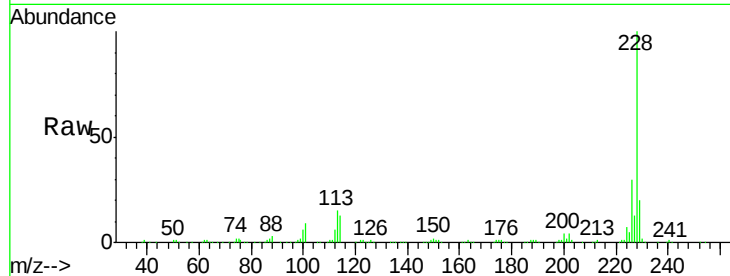
SSTDCCC040EC

Tgt Ion:	228	Resp:	350628
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.2
229	19.7	16.0	24.0

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 34.67 ng

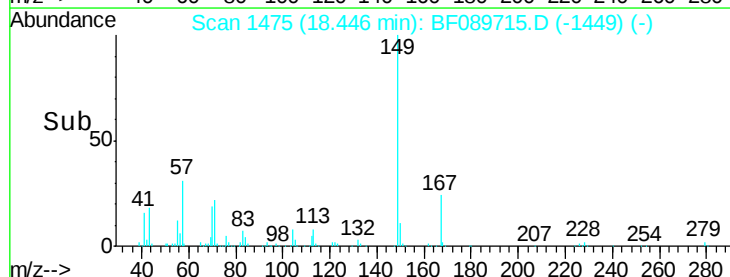
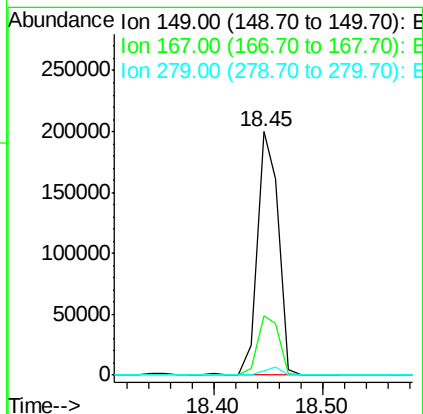
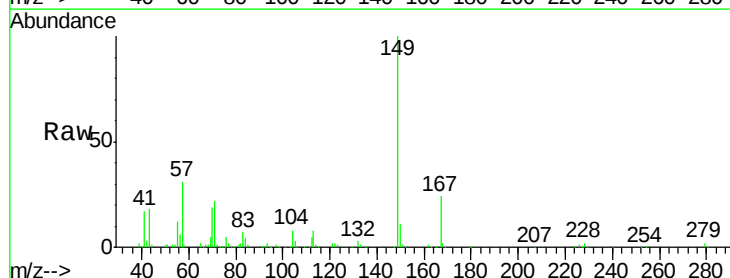
RT: 18.45 min Scan# 1475

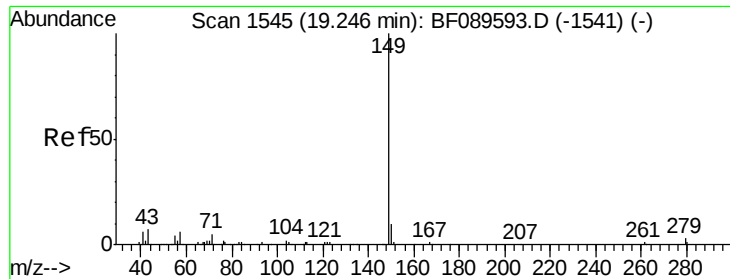
Delta R.T. -0.00 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Tgt Ion:	149	Resp:	269236
Ion Ratio	Lower	Upper	
149	100		
167	24.1	19.0	28.4
279	2.0	1.8	2.6





#84
Di-n-octyl phthalate
Concen: 42.34 ng
RT: 19.22 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

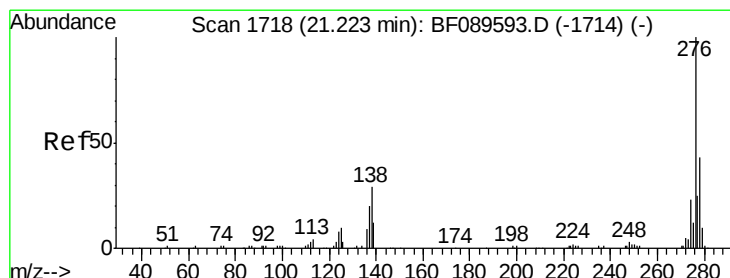
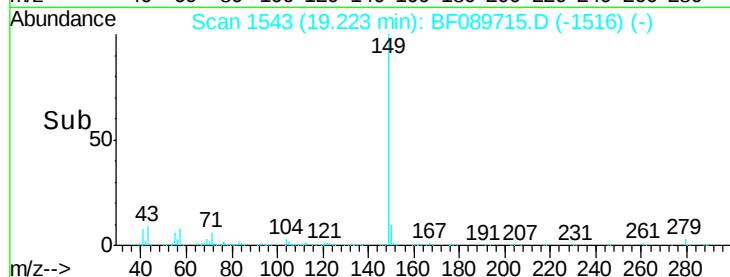
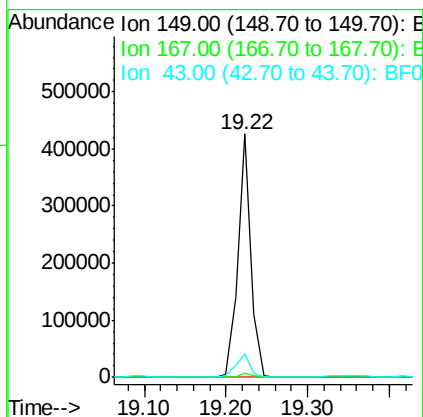
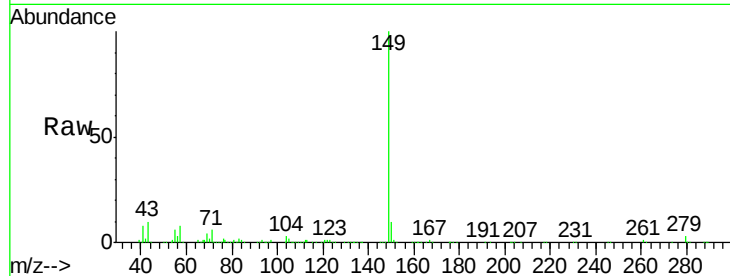
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.2	7.0	10.4

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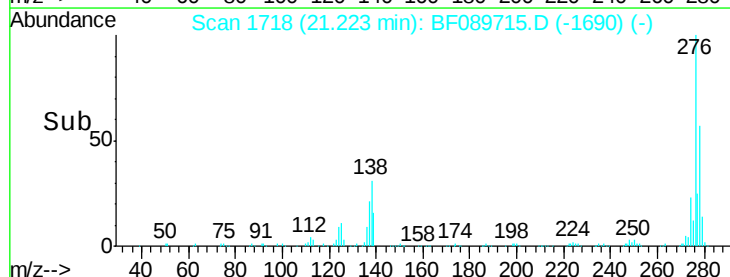
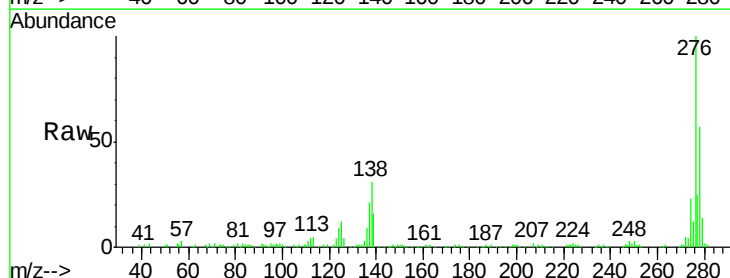
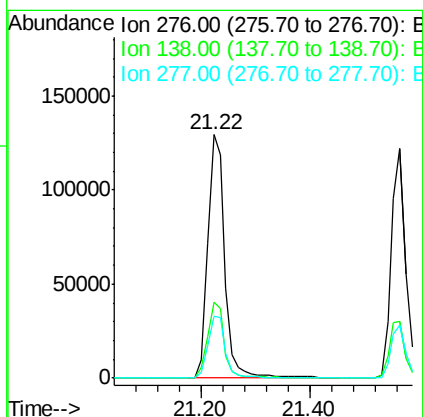
sohil

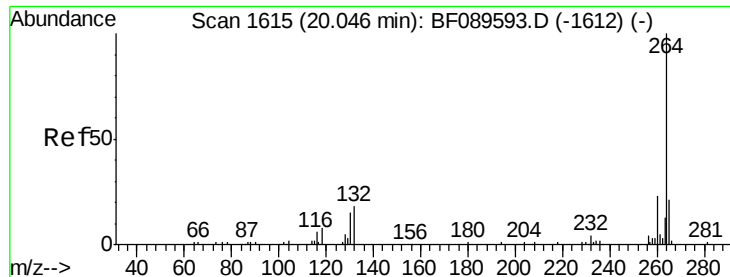
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#85
Indeno(1,2,3-cd)pyrene
Concen: 41.48 ng
RT: 21.22 min Scan# 1718
Delta R.T. 0.02 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	23.8	35.8
277	26.1	20.3	30.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.03 min Scan# 1614
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

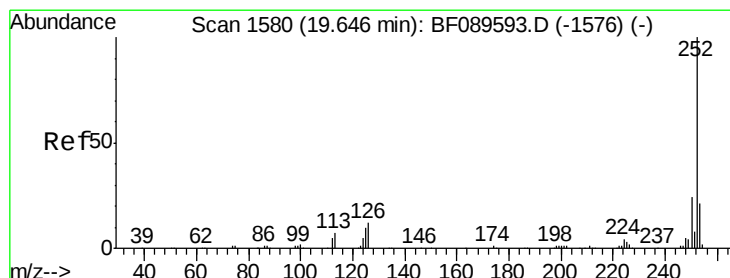
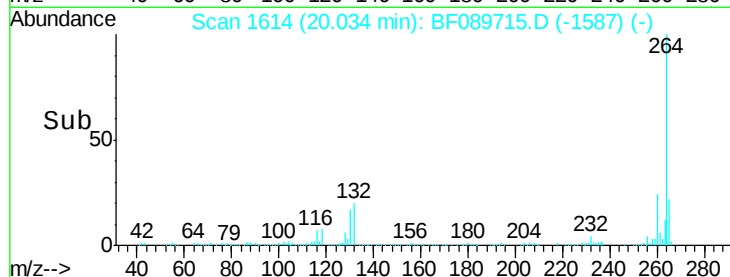
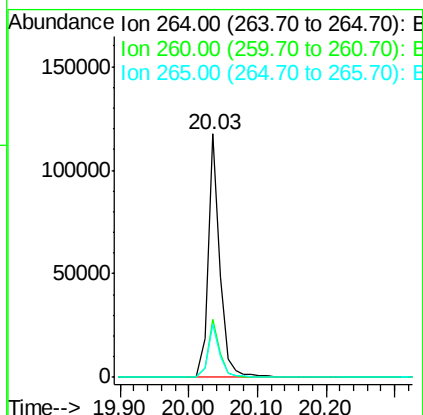
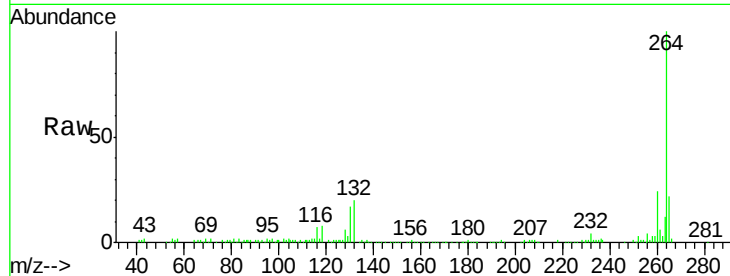
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.8	16.5	24.7

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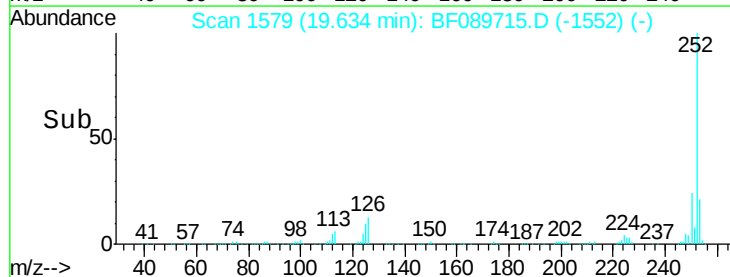
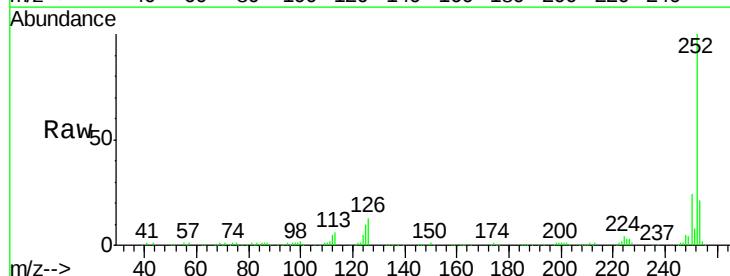
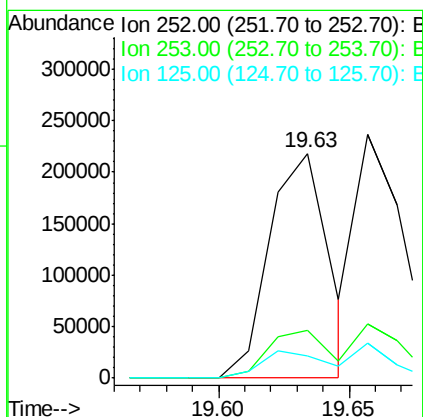
sohil

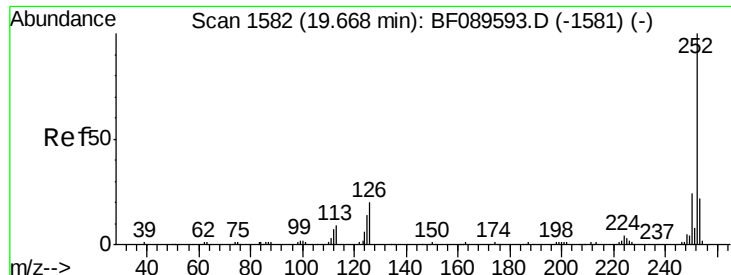
8/11/2016 5:52:30 PM



#87
Benzo(b)fluoranthene
Concen: 39.88 ng
RT: 19.63 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.8	7.8	11.8





#88

Benzo(k)fluoranthene

Concen: 35.15 ng m

RT: 19.66 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF089715.D

Acq: 11 Aug 2016 1:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 252 Resp: 305149
Ion Ratio Lower Upper

252 100

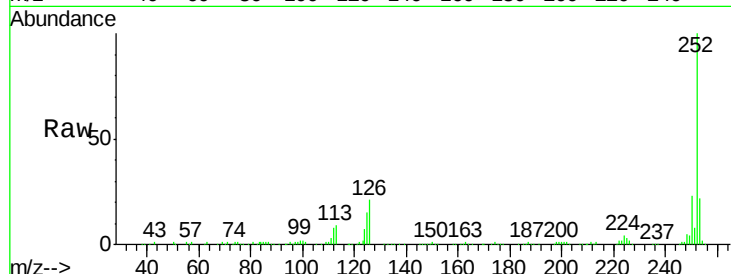
253 22.3 17.3 25.9

125 14.5 11.0 16.6

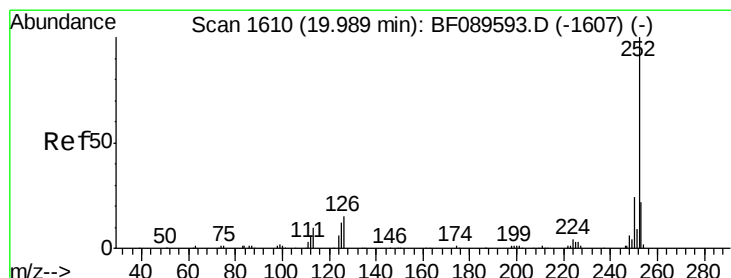
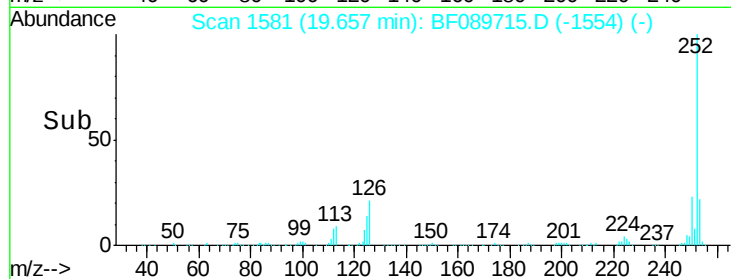
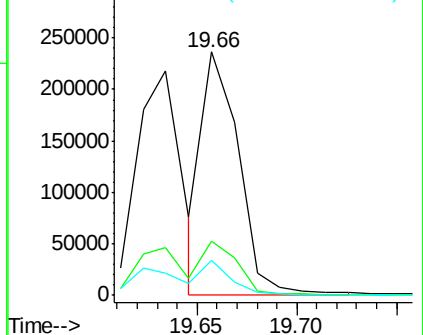
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 37.06 ng

RT: 19.98 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF089715.D

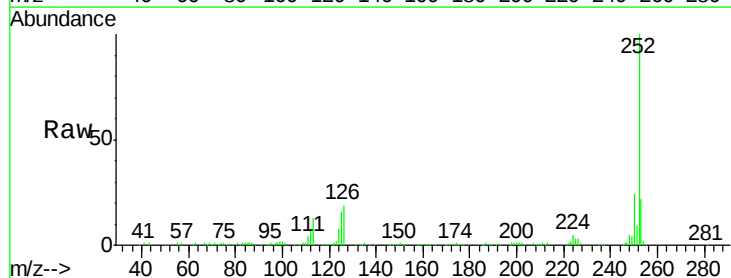
Acq: 11 Aug 2016 1:24

Tgt Ion: 252 Resp: 298625
Ion Ratio Lower Upper

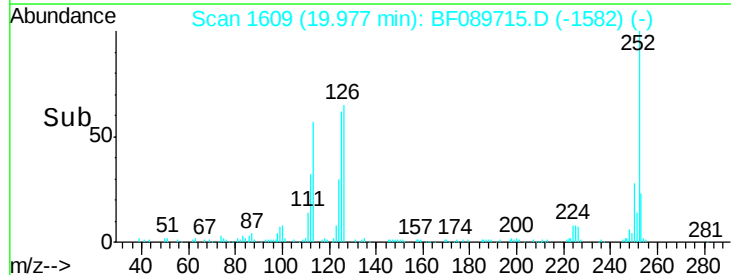
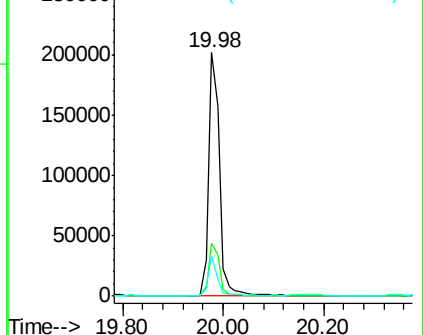
252 100

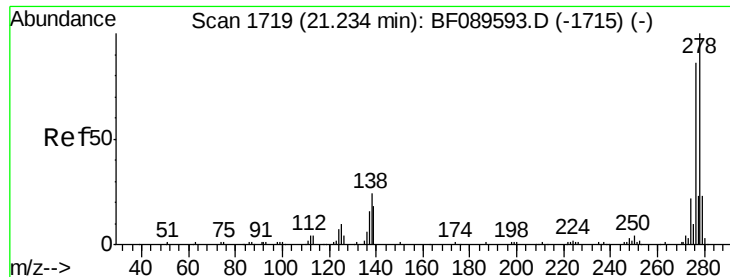
253 21.7 17.4 26.0

125 16.2 9.9 14.9#



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





#90
Dibenzo(a,h)anthracene
Concen: 32.94 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.02 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

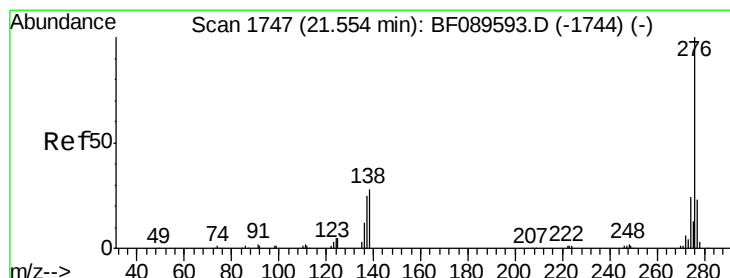
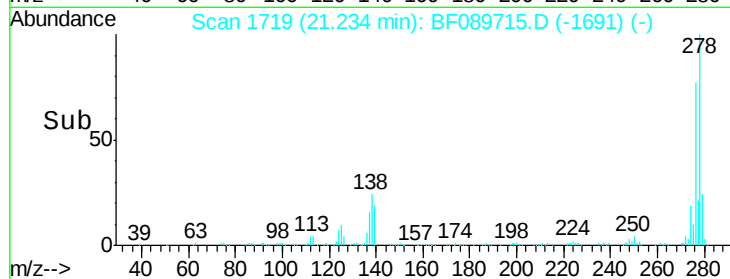
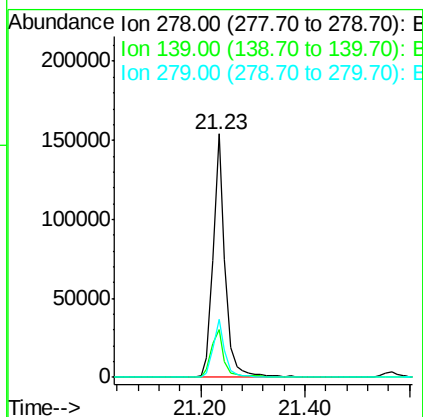
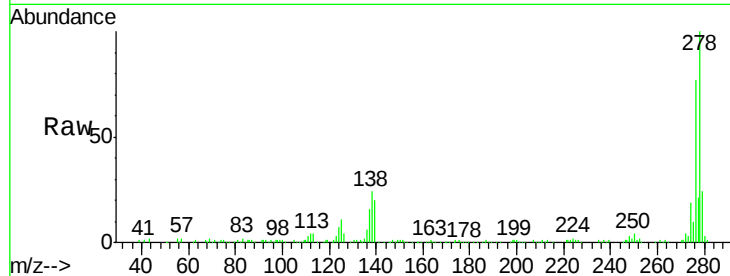
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.6	21.8
279	24.1	18.4	27.6

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#91
Benzo(g,h,i)perylene
Concen: 30.74 ng
RT: 21.57 min Scan# 1748
Delta R.T. 0.03 min
Lab File: BF089715.D
Acq: 11 Aug 2016 1:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	24.4	22.6	33.8

