

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
 Data File : BF089592.D
 Acq On : 4 Aug 2016 16:52
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

sohil
 8/5/2016 6:58:47 PM

Quant Time: Aug 05 01:10:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:00:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	39753	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	174380	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	82481	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	160237	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	106354	20.00	ng	0.00
86) Perylene-d12	20.05	264	75288	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	119551	50.74	ng	0.01
7) Phenol-d6	6.97	99	166384	52.19	ng	-0.01
23) Nitrobenzene-d5	8.35	82	166388	52.72	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	36628	55.45	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	329585	52.13	ng	0.00
78) Terphenyl-d14	17.05	244	275686	52.84	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.75	88	36833	26.42	ng	91
3) Pyridine	2.32	79	60888	24.32	ng	98
4) n-Nitrosodimethylamine	2.28	42	22868	23.87	ng	# 91
6) Aniline	6.94	93	108500	25.60	ng	96
8) 2-Chlorophenol	7.12	128	76660	26.83	ng	99
9) Benzaldehyde	6.75	77	32384	28.76	ng	96
10) Phenol	6.99	94	89038	27.02	ng	89
11) bis(2-Chloroethyl)ether	7.08	93	75477	26.12	ng	99
12) 1,3-Dichlorobenzene	7.35	146	81966	26.15	ng	98
13) 1,4-Dichlorobenzene	7.47	146	77367	24.71	ng	99
14) 1,2-Dichlorobenzene	7.70	146	84792	26.18	ng	97
15) Benzyl Alcohol	7.72	79	51578	24.82	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.93	45	94023	26.34	ng	# 56
17) 2-Methylphenol	7.94	107	52687	25.16	ng	97
18) Hexachloroethane	8.23	117	33450	25.46	ng	91
19) n-Nitroso-di-n-propylamine	8.16	70	60564	26.96	ng	99
20) 3+4-Methylphenols	8.20	107	67271	24.56	ng	96
22) Acetophenone	8.12	105	94611	22.33	ng	96
24) Nitrobenzene	8.39	77	79390	24.94	ng	94
25) Isophorone	8.78	82	154148	25.72	ng	99
26) 2-Nitrophenol	8.89	139	33858	24.68	ng	98
27) 2,4-Dimethylphenol	9.03	122	63476	25.91	ng	98
28) bis(2-Chloroethoxy)methane	9.16	93	95285	26.55	ng	98
29) 2,4-Dichlorophenol	9.30	162	58816	25.42	ng	99
30) 1,2,4-Trichlorobenzene	9.40	180	68652	26.04	ng	99
31) Naphthalene	9.51	128	237582	25.72	ng	99
32) Benzoic acid	9.31	122	33962	21.01	ng	93
33) 4-Chloroaniline	9.64	127	94137	26.11	ng	97
34) Hexachlorobutadiene	9.72	225	37981	24.85	ng	99
35) Caprolactam	10.25	113	17294	25.49	ng	97
36) 4-Chloro-3-methylphenol	10.49	107	72635	26.87	ng	94
37) 2-Methylnaphthalene	10.63	142	143773	25.39	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.90	216	79813	25.68	ng	100
40) Hexachlorocyclopentadiene	10.89	237	16613	18.42	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.12	196	39686	26.04	nq	99
43) 2,4,5-Trichlorophenol	11.20	196	43452	26.98	nq	97
45) 1,1'-Biphenyl	11.40	154	194115	26.09	nq	99
46) 2-Chloronaphthalene	11.42	162	145965	26.27	nq	97
47) 2-Nitroaniline	11.62	65	45063	25.40	nq	92
48) Acenaphthylene	12.07	152	236907	25.81	nq	99
49) Dimethylphthalate	11.95	163	168770	26.58	nq	100
50) 2,6-Dinitrotoluene	12.03	165	34743	27.27	nq	91
51) Acenaphthene	12.34	154	136627	25.62	nq	98
52) 3-Nitroaniline	12.30	138	40467	26.90	nq	# 83
53) 2,4-Dinitrophenol	12.54	184	8394	18.66	nq	# 78
54) Dibenzofuran	12.64	168	187313	25.80	nq	99
55) 4-Nitrophenol	12.70	139	18413	21.85	nq	85
56) 2,4-Dinitrotoluene	12.70	165	44997	26.07	nq	95
57) Fluorene	13.19	166	166784	27.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	31976	27.57	nq	99
59) Diethylphthalate	13.10	149	171428	26.47	nq	99
60) 4-Chlorophenyl-phenylether	13.22	204	75650	27.13	nq	96
61) 4-Nitroaniline	13.30	138	32527	24.42	nq	96
62) Azobenzene	13.47	77	156089	23.64	nq	94
64) 4,6-Dinitro-2-methylphenol	13.36	198	21263	23.68	nq	89
65) n-Nitrosodiphenylamine	13.43	169	137828	25.30	nq	98
66) 4-Bromophenyl-phenylether	14.00	248	39912	25.49	nq	# 84
67) Hexachlorobenzene	14.07	284	43690	25.81	nq	# 87
68) Atrazine	14.34	200	42943	29.79	nq	98
69) Pentachlorophenol	14.42	266	14365	23.81	nq	92
70) Phenanthrene	14.72	178	222415	25.94	nq	99
71) Anthracene	14.81	178	239445	25.59	nq	99
72) Carbazole	15.10	167	203711	26.73	nq	99
73) Di-n-butylphthalate	15.69	149	270549	27.42	nq	99
74) Fluoranthene	16.49	202	236242	27.00	nq	97
76) Benzidine	16.73	184	87468	29.55	nq	99
77) Pyrene	16.79	202	236039	25.22	nq	99
79) Butylbenzylphthalate	17.71	149	101077	27.97	nq	# 80
80) Benzo(a)anthracene	18.38	228	159831	25.95	nq	97
81) 3,3'-Dichlorobenzidine	18.37	252	51682	26.66	nq	98
82) Chrysene	18.42	228	160105	25.00	nq	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	141297	29.11	nq	100
84) Di-n-octyl phthalate	19.23	149	203505	27.40	nq	99
85) Indeno(1,2,3-cd)pyrene	21.22	276	117231	22.49	nq	100
87) Benzo(b)fluoranthene	19.63	252	125904	27.33	nq	# 96
88) Benzo(k)fluoranthene	19.67	252	116695m	25.49	nq	
89) Benzo(a)pyrene	19.99	252	110551	25.88	nq	99
90) Dibenzo(a,h)anthracene	21.23	278	102456	25.79	nq	98
91) Benzo(g,h,i)perylene	21.55	276	104508	25.15	nq	99

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

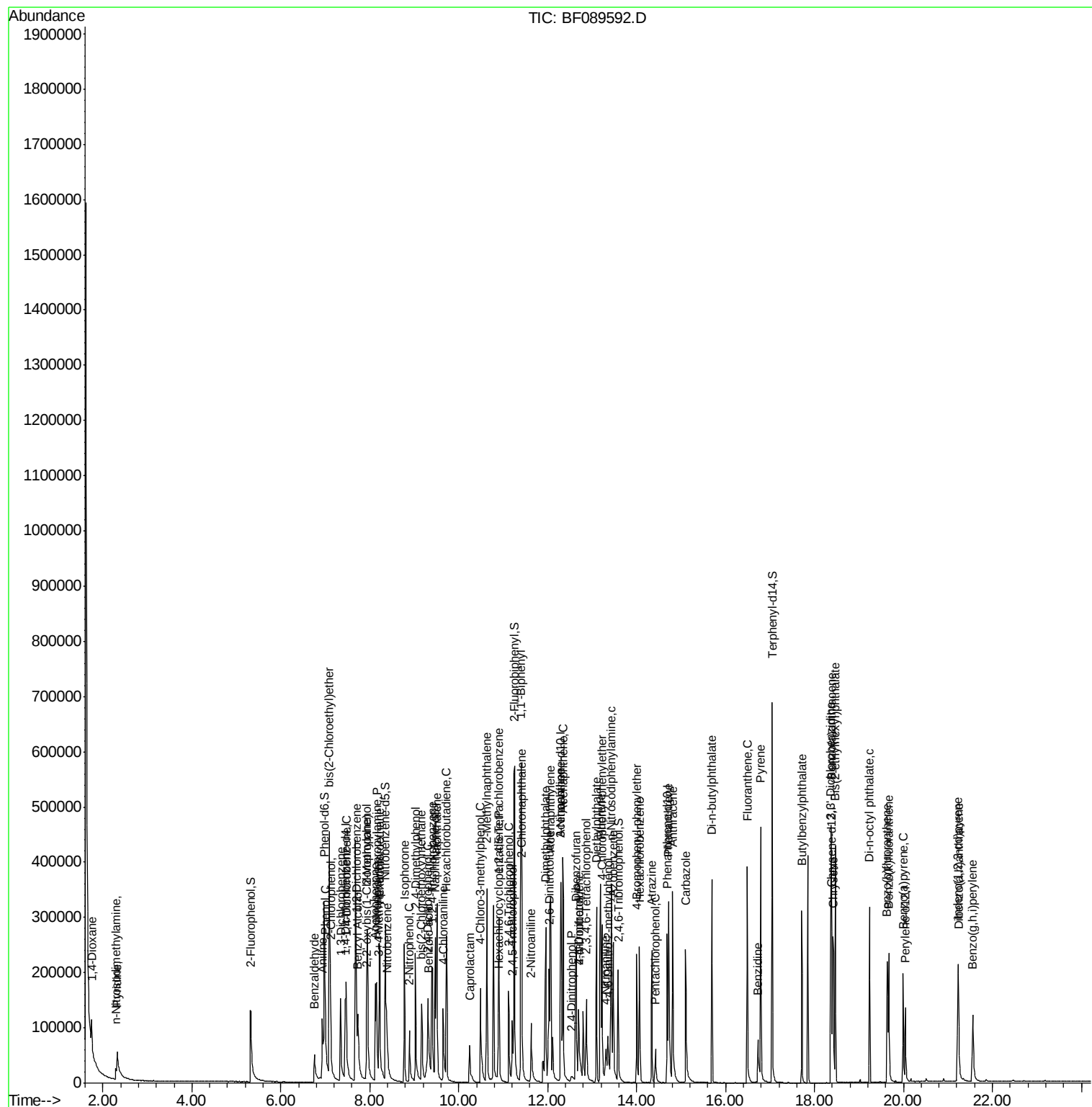
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
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Misc :
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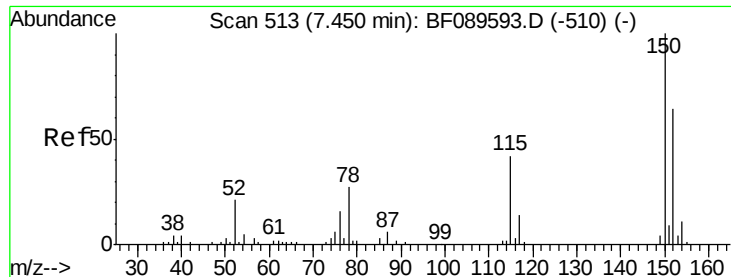
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

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#1

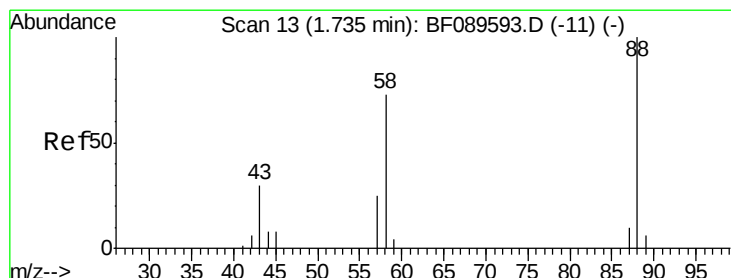
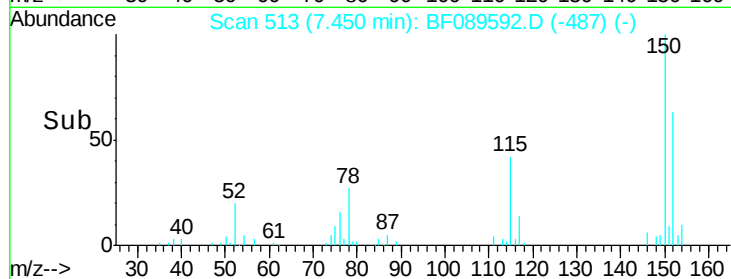
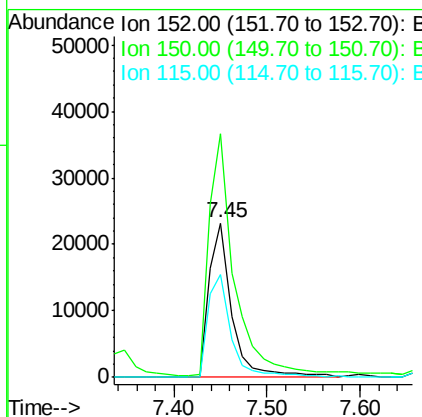
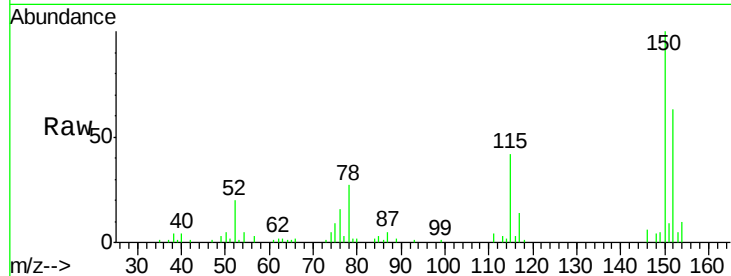
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.5	188.3
115	66.5	52.0	78.0

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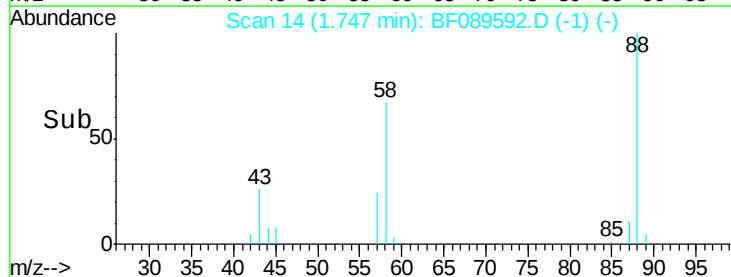
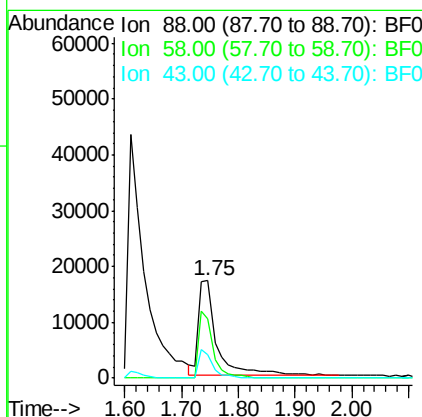
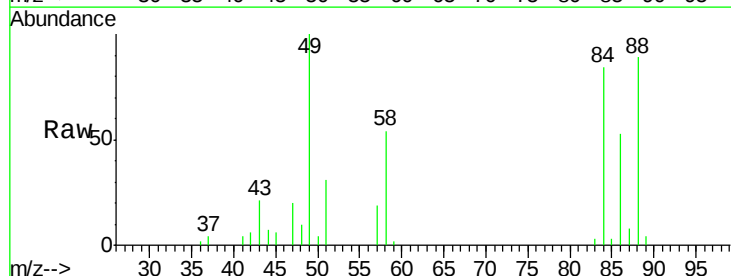
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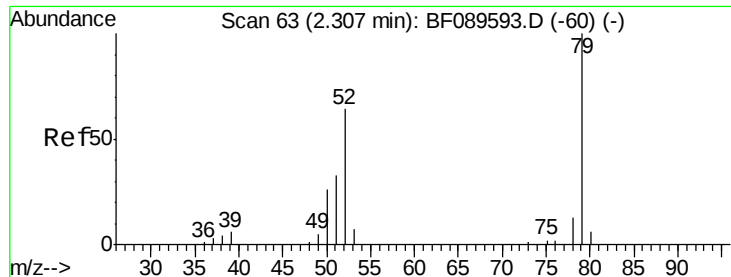


#2

1,4-Dioxane
Concen: 26.42 ng
RT: 1.75 min Scan# 14
Delta R.T. 0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.6	49.8	74.8
43	22.6	20.1	30.1





#3

Pvridine

Concen: 24.32 ng

RT: 2.32 min Scan# 64

Delta R.T. 0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

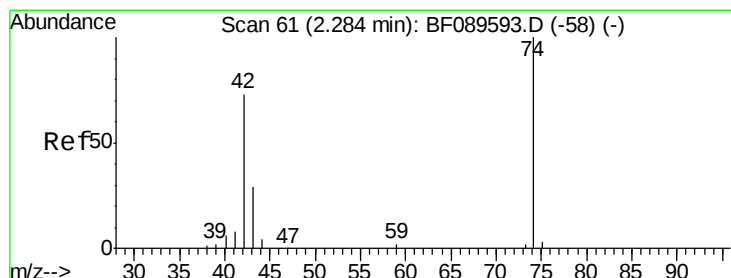
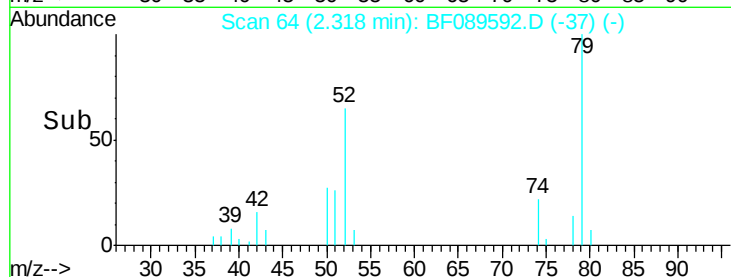
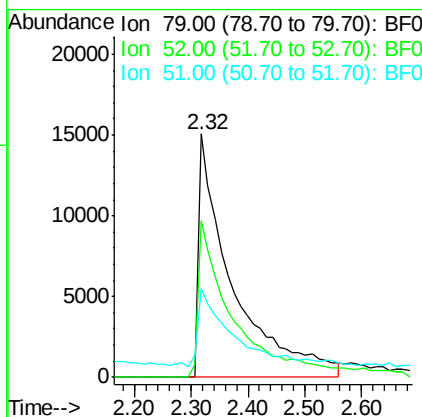
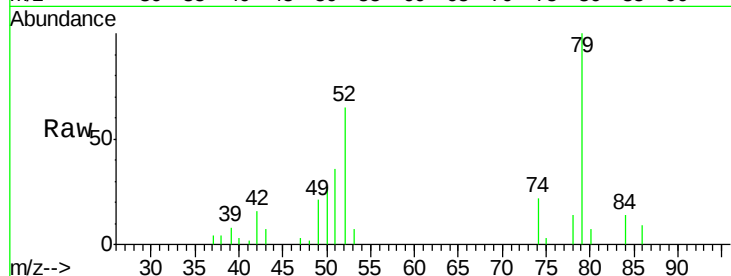
ClientSampleId :

SSTDIC025

Tot Ion:	79	Resp:	60888
Ion	Ratio	Lower	Upper
79	100		
52	64.5	51.0	76.4
51	36.4	27.9	41.9

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#4

n-Nitrosodimethylamine

Concen: 23.87 ng

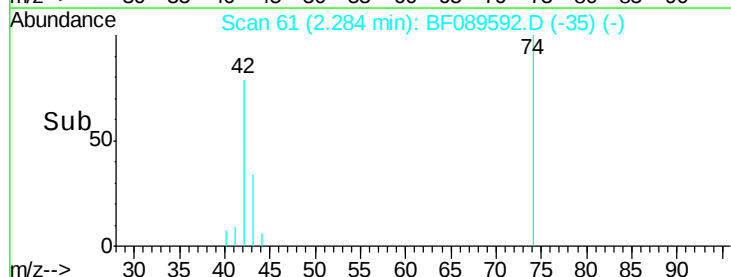
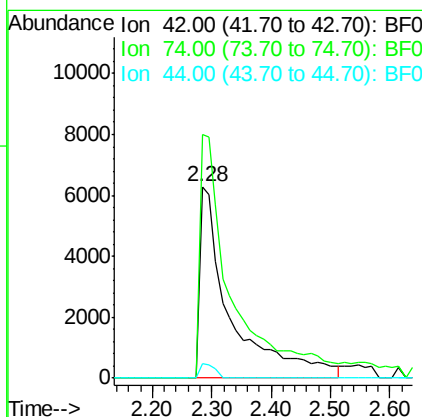
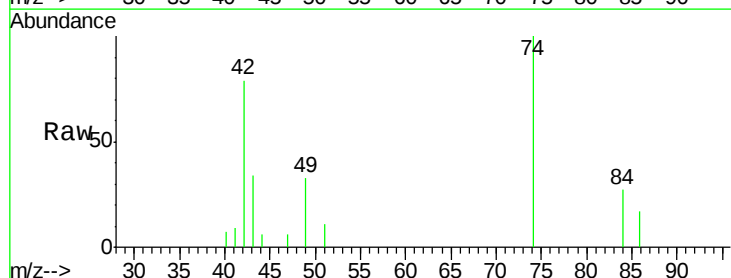
RT: 2.28 min Scan# 61

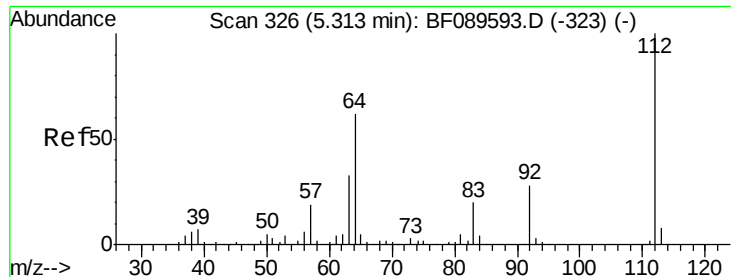
Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion:	42	Resp:	22868
Ion	Ratio	Lower	Upper
42	100		
74	127.0	110.0	165.0
44	7.9	4.8	7.2#





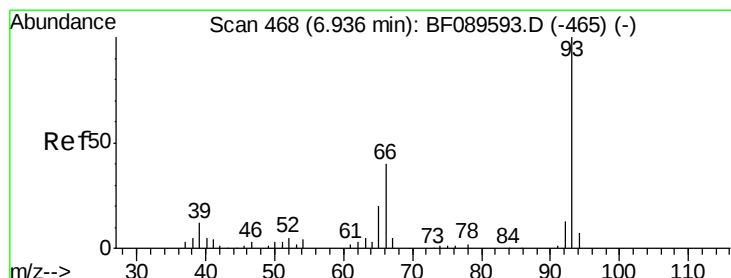
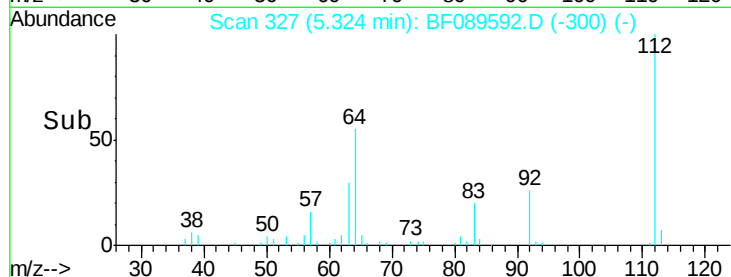
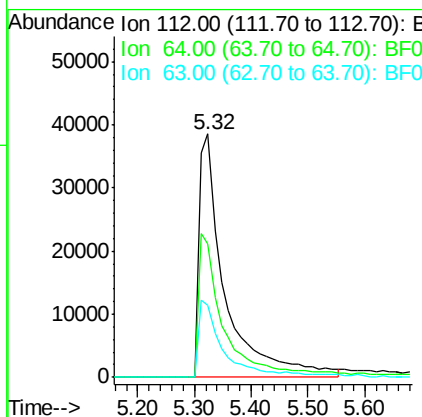
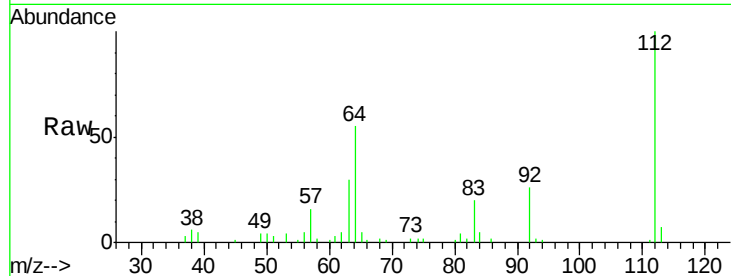
#5
2-Fluorophenol
Concen: 50.74 ng
RT: 5.32 min Scan# 327
Delta R.T. 0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.6	49.9	74.9
63	29.6	26.1	39.1

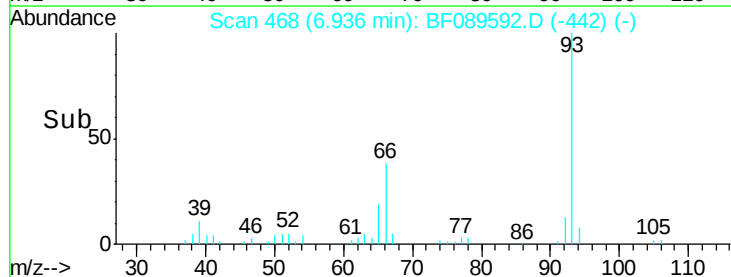
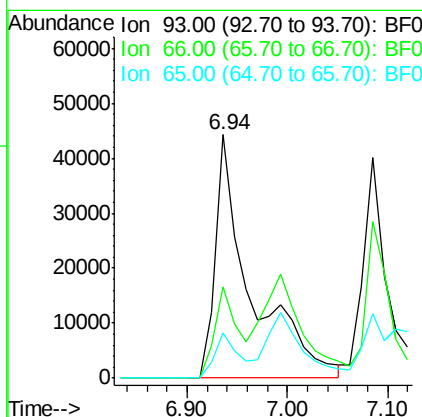
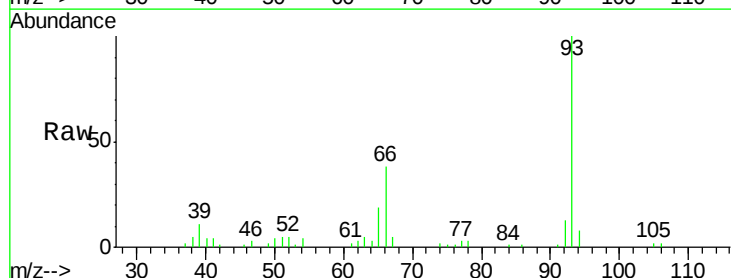
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#6
Aniline
Concen: 25.60 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.7	32.2	48.2
65	18.6	15.8	23.8





#7

Phenol-d6

Concen: 52.19 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

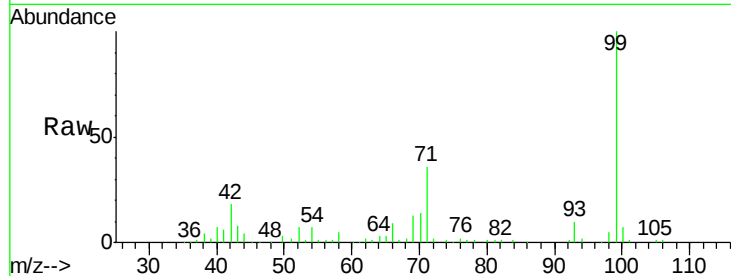
ClientSampleId :

SSTDIC025

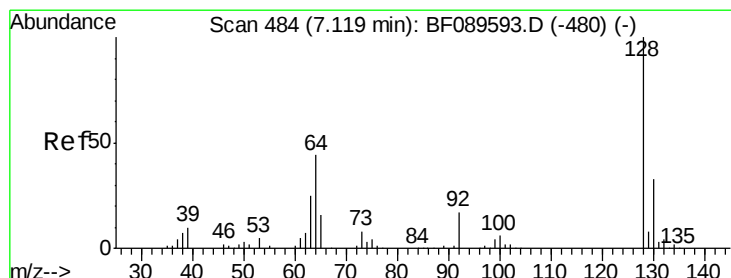
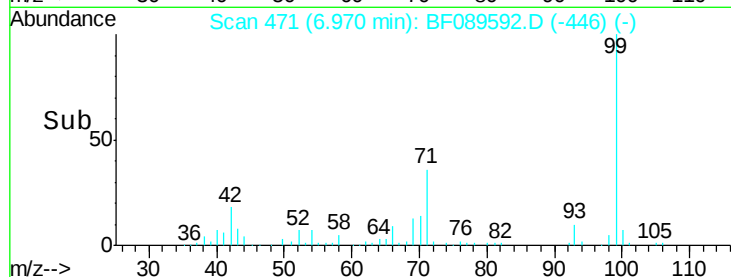
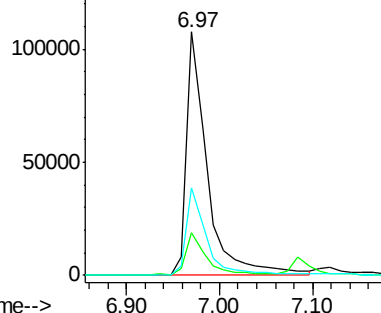
Tot Ion:	99	Resp:	166384
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.7	20.5
71	36.1	29.0	43.4

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 26.83 ng

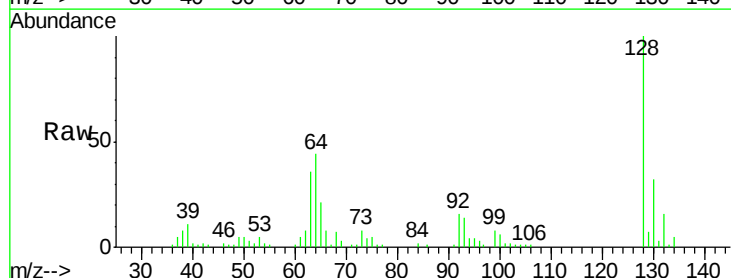
RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

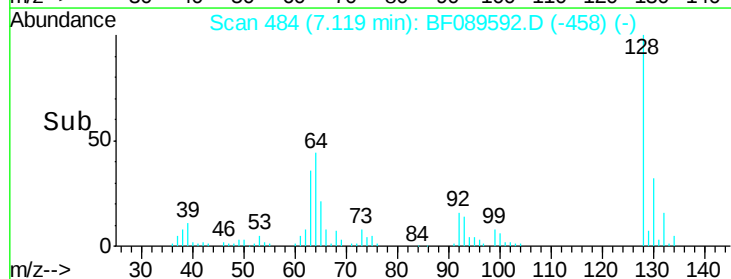
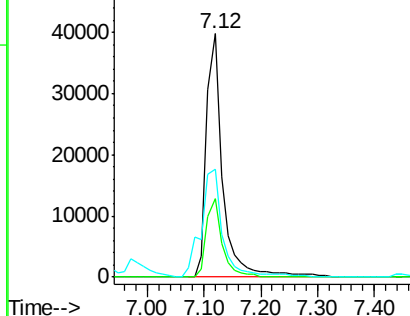
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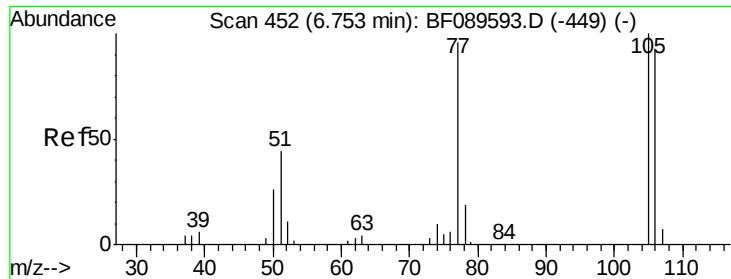
Acq: 4 Aug 2016 16:52

Tgt Ion:	128	Resp:	76660
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.6	52.6
64	44.2	25.3	65.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.76 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 77 Resp: 32384

Ion Ratio Lower Upper

77 100

105 100.8 84.7 124.7

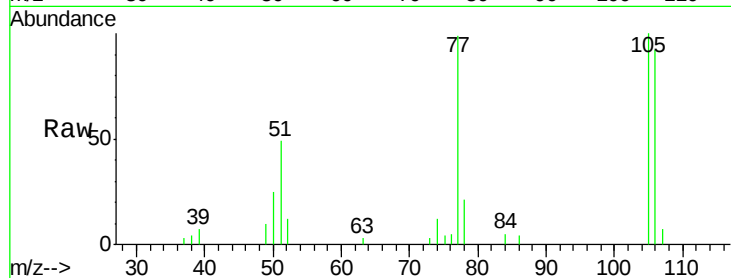
106 92.9 77.1 117.1

Manual Integrations

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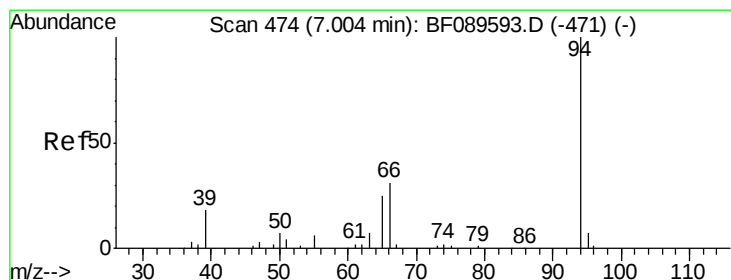
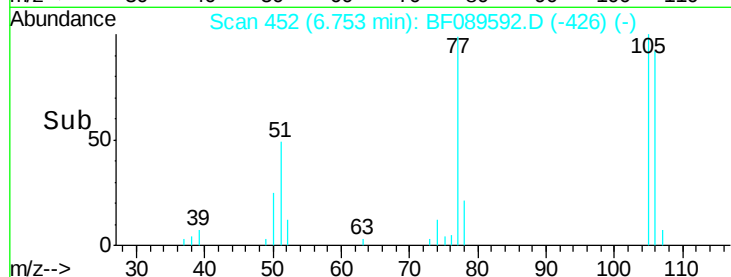
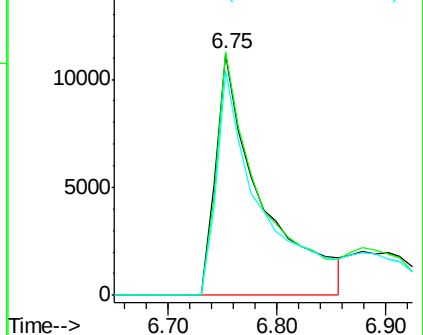
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 27.02 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

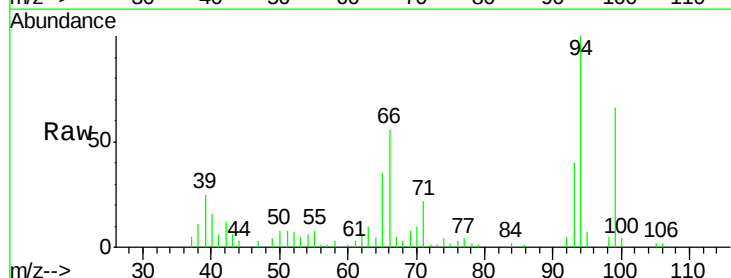
Tgt Ion: 94 Resp: 89038

Ion Ratio Lower Upper

94 100

65 35.4 11.0 51.0

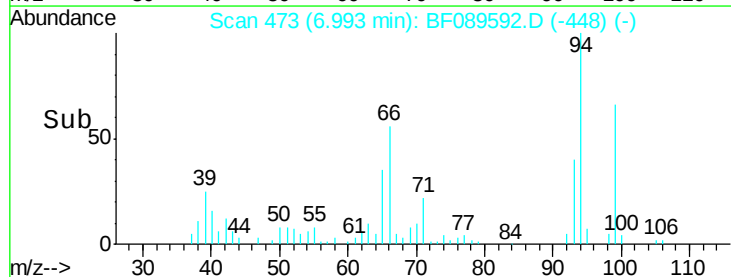
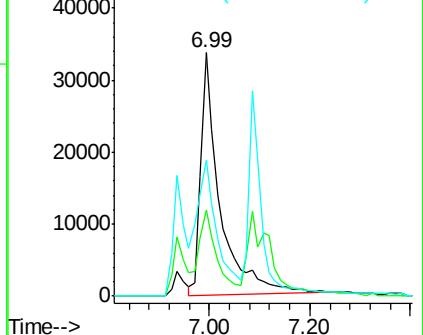
66 56.1 27.4 67.4

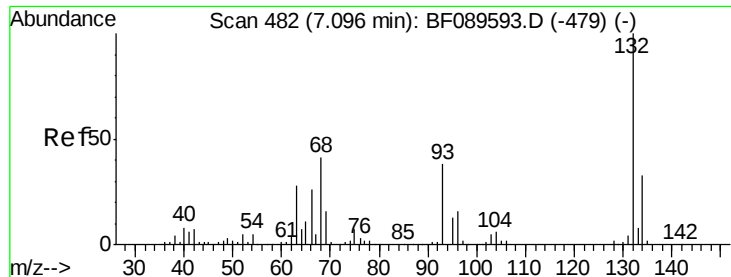


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





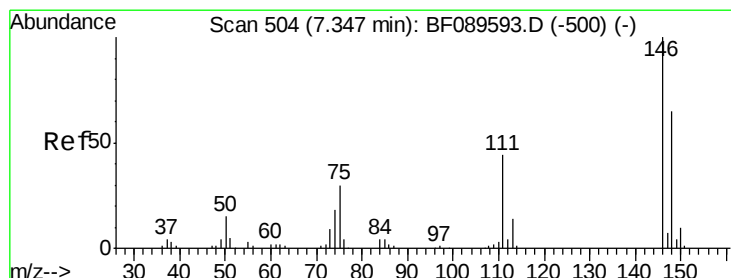
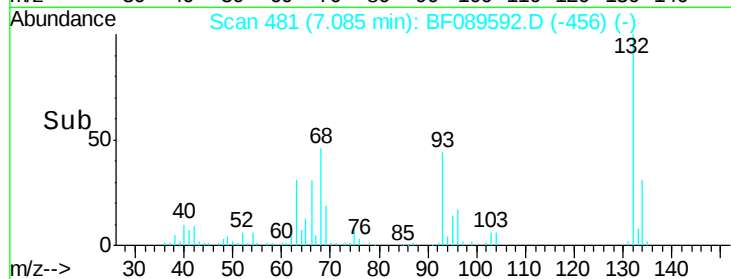
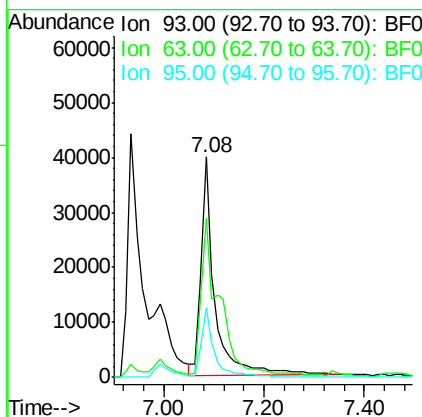
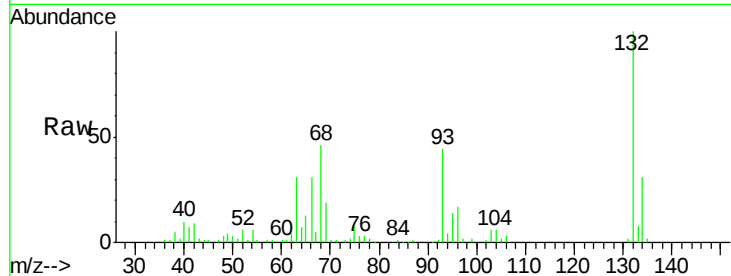
#11
bis(2-Chloroethyl)ether
Concen: 26.12 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.2	92.2
95	31.5	13.1	53.1

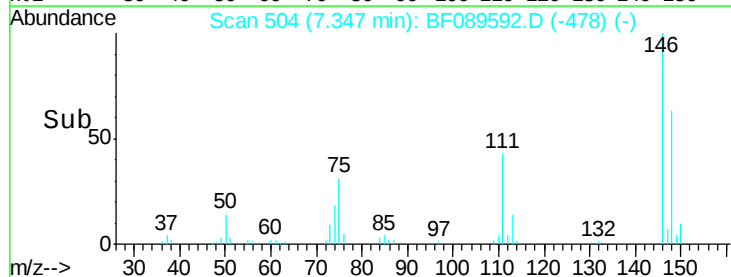
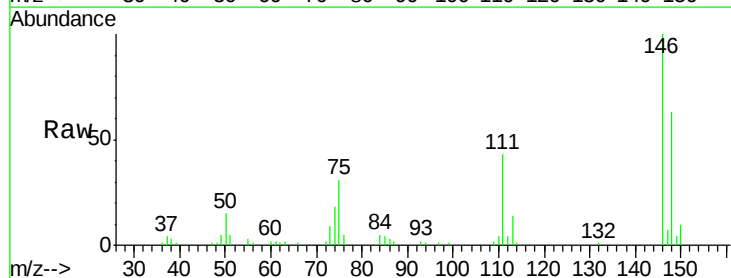
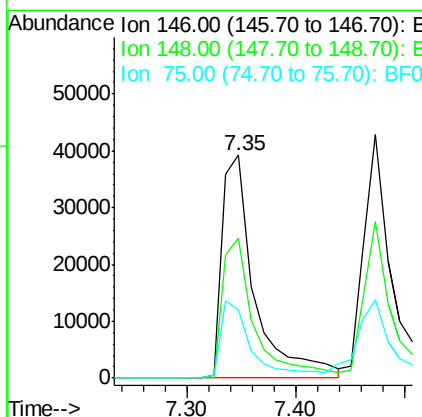
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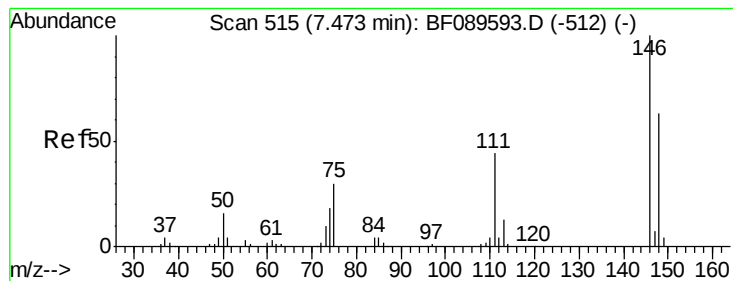
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#12
1,3-Dichlorobenzene
Concen: 26.15 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.1	78.1
75	30.8	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 24.71 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

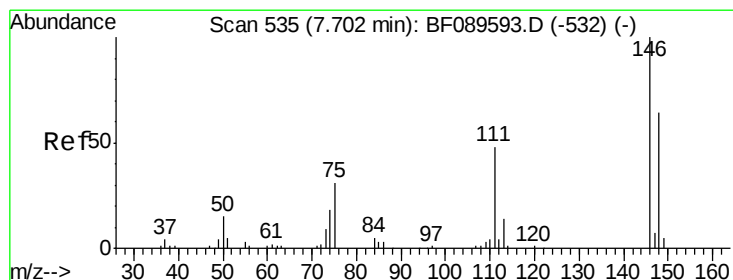
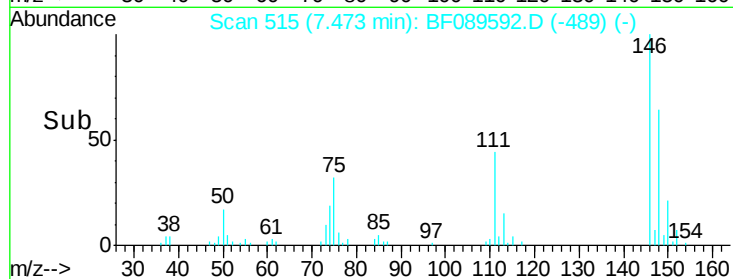
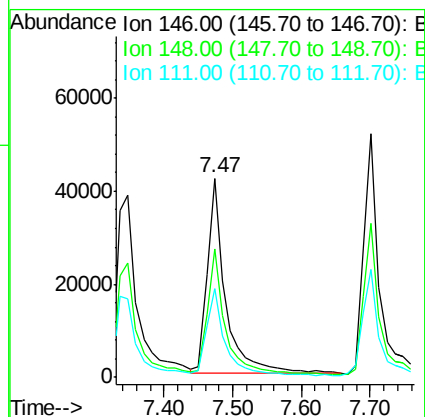
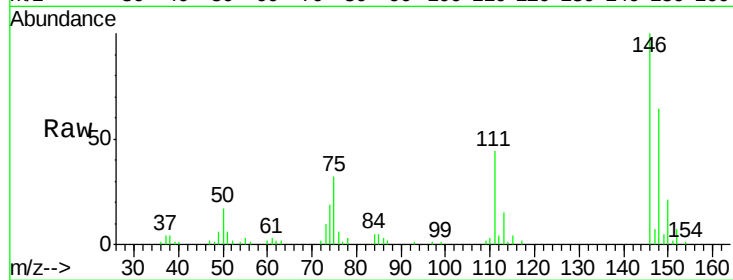
ClientSampleId :

SSTDIC025

Tot Ion:	146	Resp:	77367
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
111	44.2	35.0	52.4

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#14

1,2-Dichlorobenzene

Concen: 26.18 ng

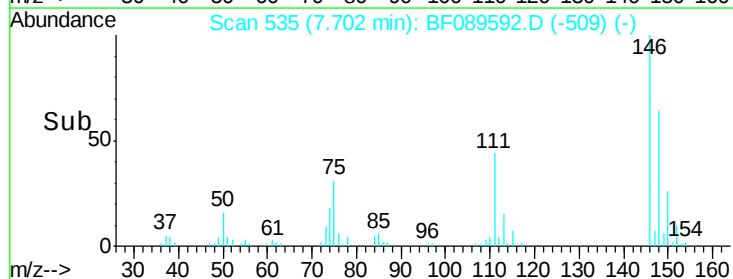
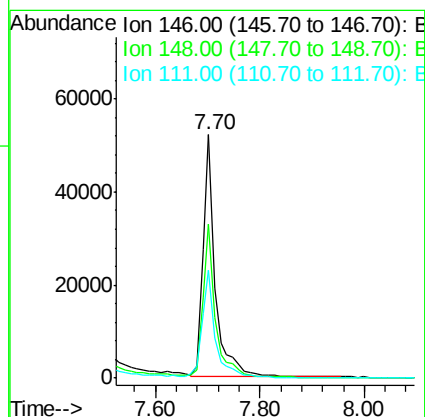
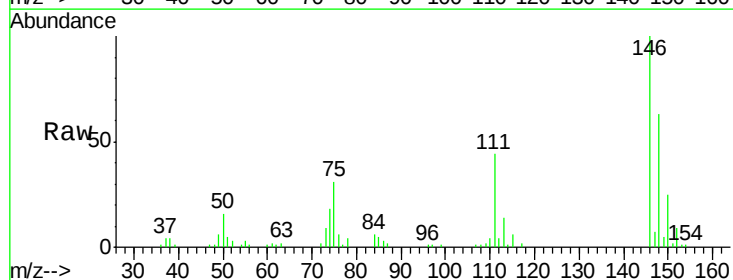
RT: 7.70 min Scan# 535

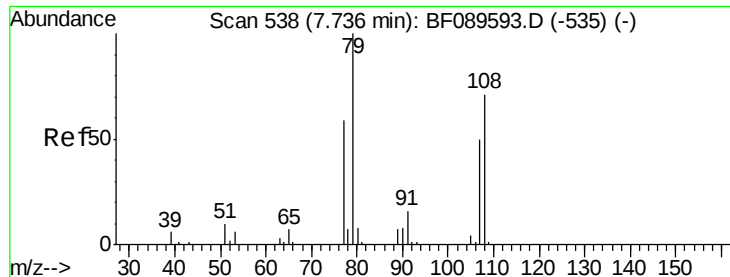
Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion:	146	Resp:	84792
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.0	76.6
111	44.1	38.5	57.7





#15

Benzyl Alcohol

Concen: 24.82 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 79 Resp: 51578

Ion Ratio Lower Upper

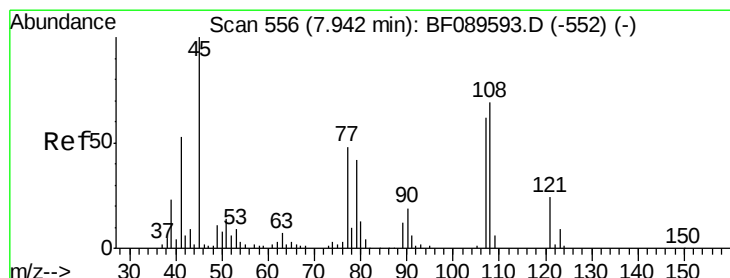
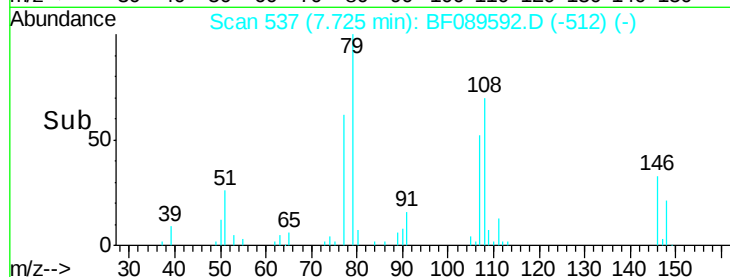
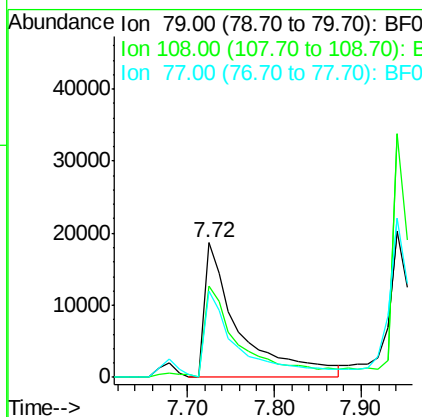
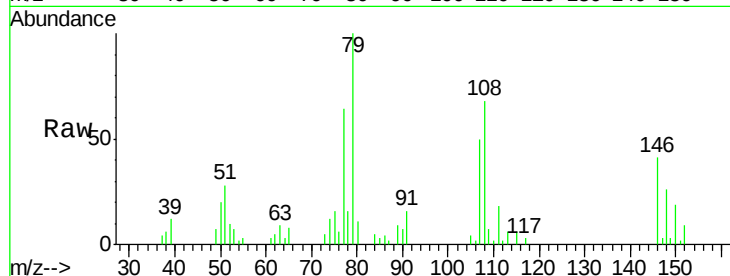
79 100

108 67.7 58.3 87.5

77 64.0 48.7 73.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 26.34 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

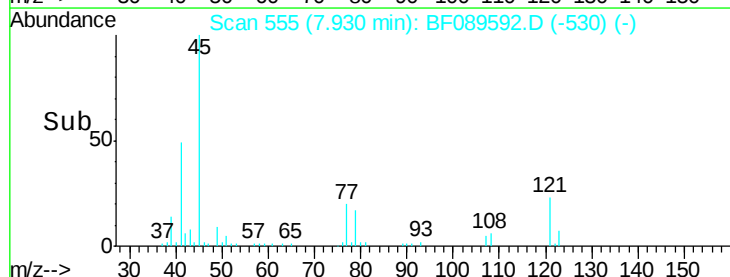
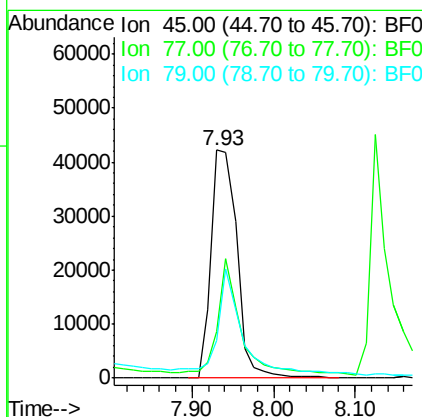
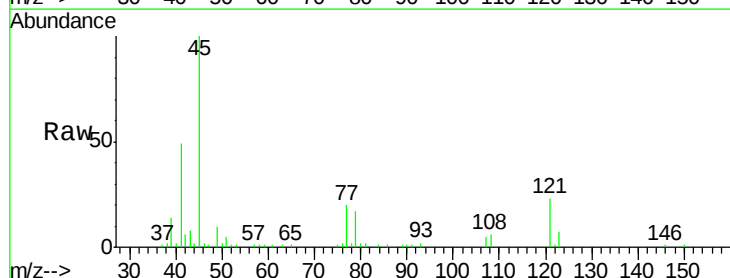
Tgt Ion: 45 Resp: 94023

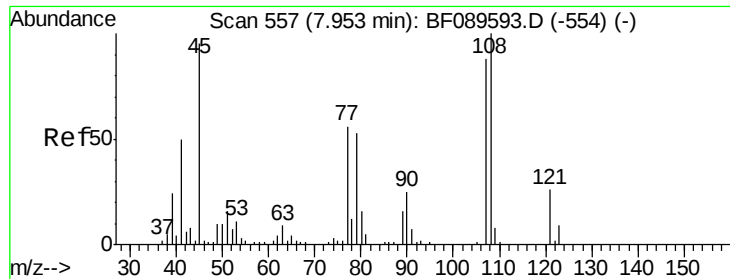
Ion Ratio Lower Upper

45 100

77 20.1 30.1 70.1#

79 16.7 25.5 65.5#





#17

2-Methylphenol

Concen: 25.16 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

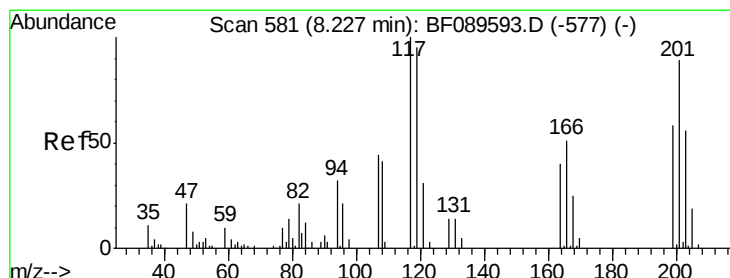
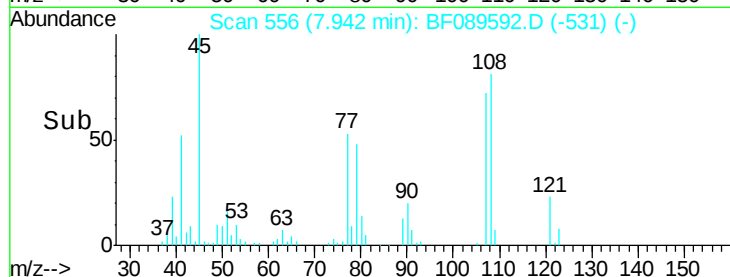
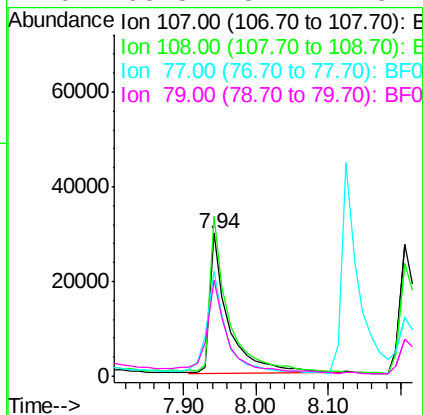
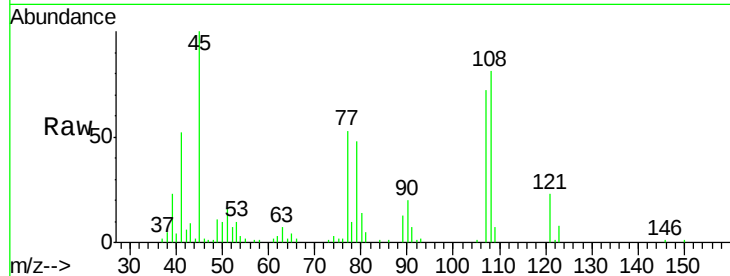
ClientSampleId :

SSTDIC025

Tot Ion:	107	Resp:	52687
Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.2	136.8
77	73.0	54.6	82.0
79	66.8	52.7	79.1

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#18

Hexachloroethane

Concen: 25.46 ng

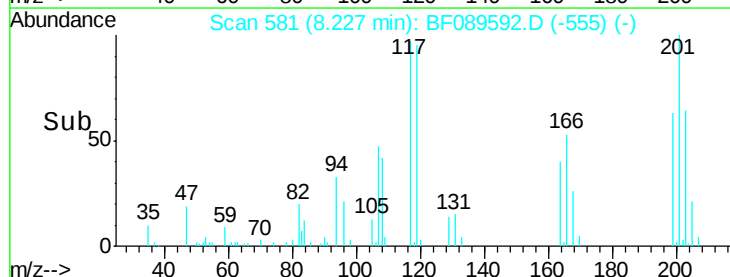
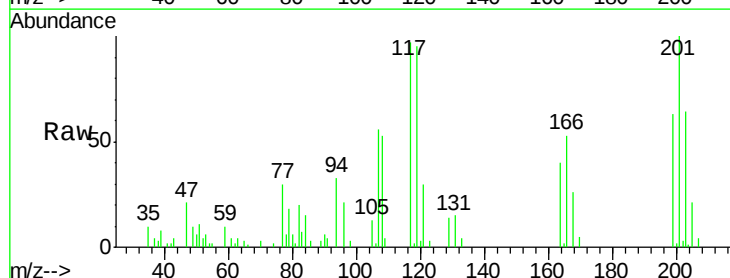
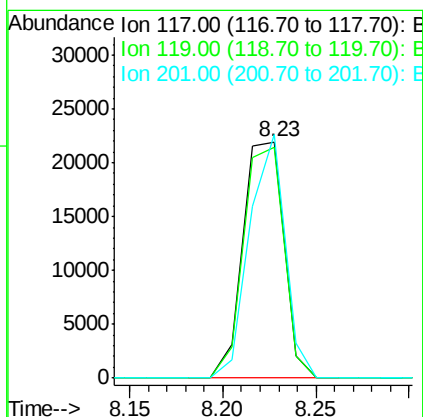
RT: 8.23 min Scan# 581

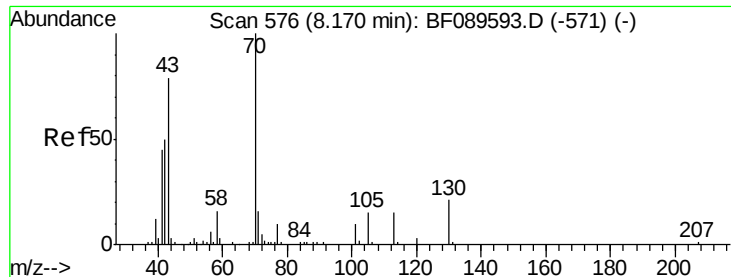
Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion:	117	Resp:	33450
Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.7	113.5
201	103.0	71.6	107.4





#19

n-Nitroso-di-n-propylamine

Concen: 26.96 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

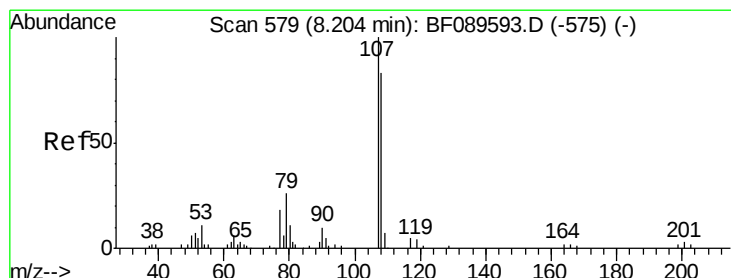
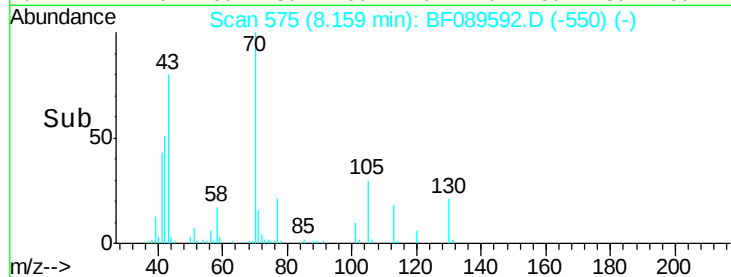
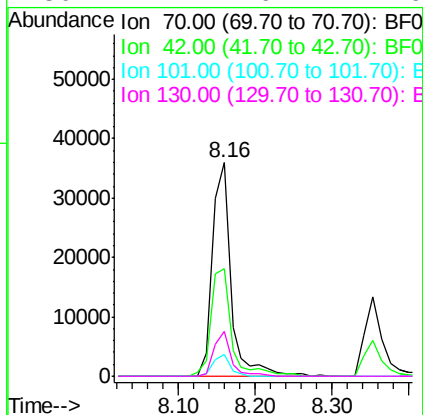
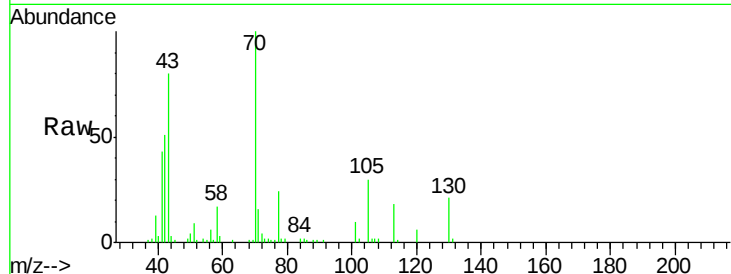
ClientSampleId :

SSTDIC025

Tot Ion:	70	Resp:	60564
Ion	Ratio	Lower	Upper
70	100		
42	50.6	40.2	60.2
101	10.2	7.8	11.6
130	21.2	16.4	24.6

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#20

3+4-Methylphenols

Concen: 24.56 ng

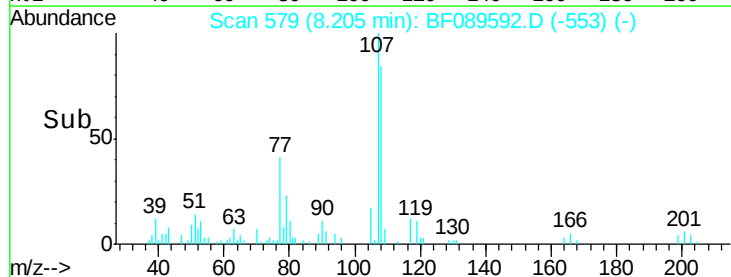
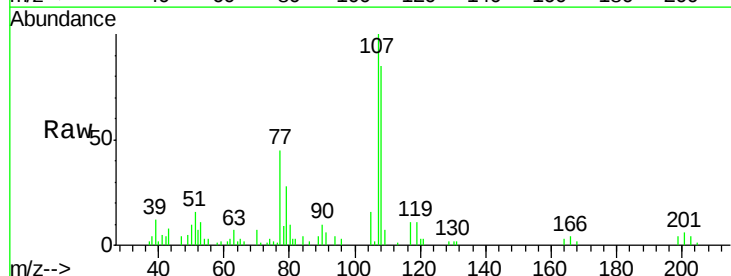
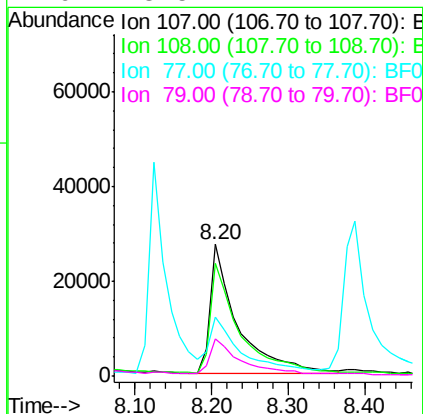
RT: 8.20 min Scan# 579

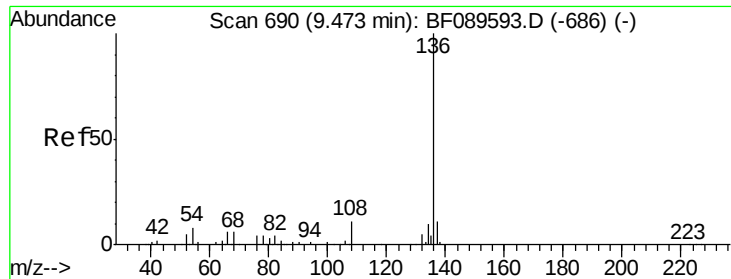
Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion:	107	Resp:	67271
Ion	Ratio	Lower	Upper
107	100		
108	85.4	63.8	103.8
77	44.8	19.5	59.5
79	28.5	7.1	47.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

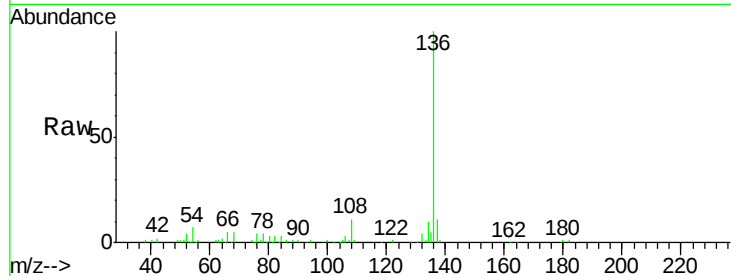
ClientSampleId :

SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
136	100	174380		
137	11.0	8.6	12.8	
54	7.1	6.0	9.0	
68	5.3	4.6	6.8	

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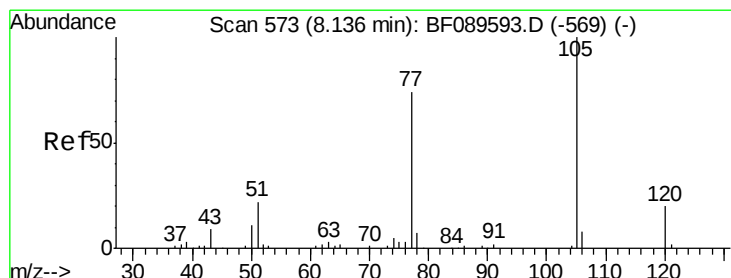
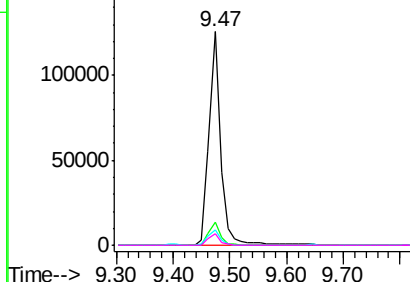
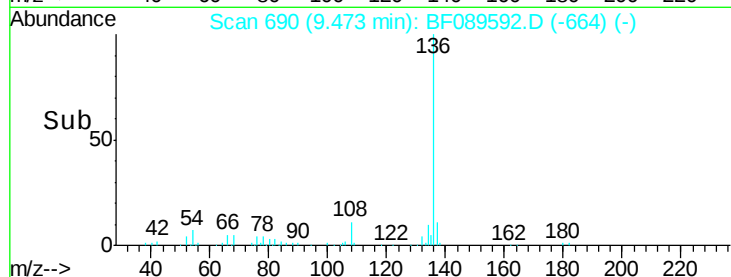


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.33 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

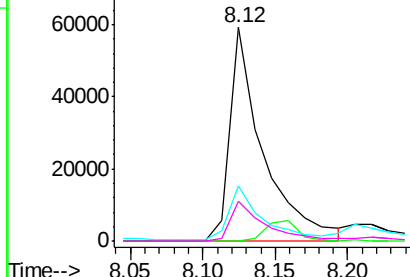
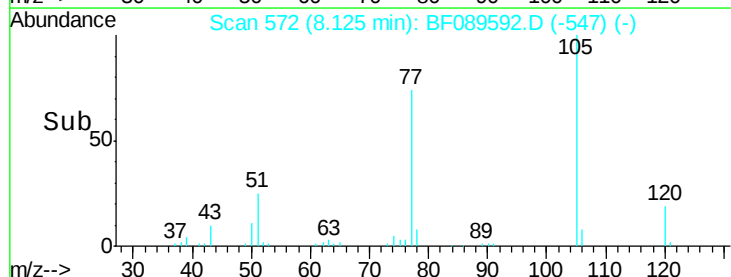
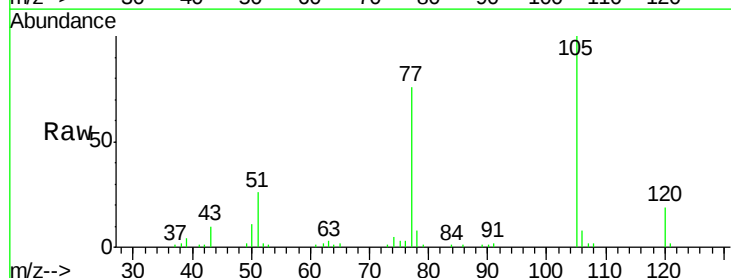
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	94611		
71	0.0	0.0	0.0	
51	25.8	18.2	27.2	
120	18.9	15.7	23.5	

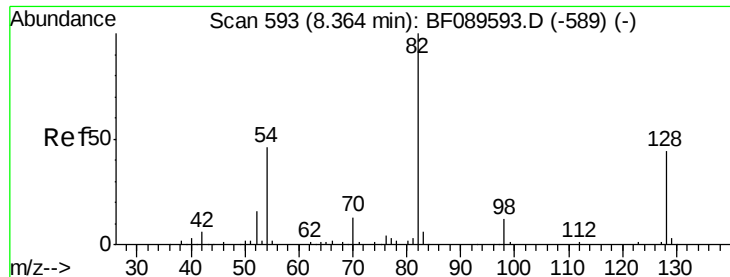
Abundance Ion 105.00 (104.70 to 105.70): E

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





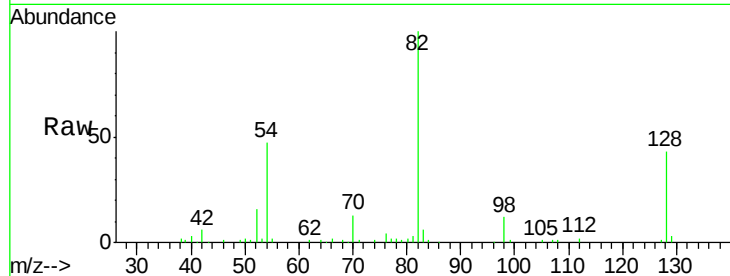
#23
Nitrobenzene-d5
Concen: 52.72 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

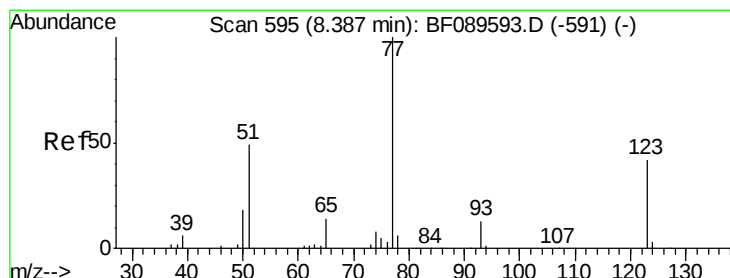
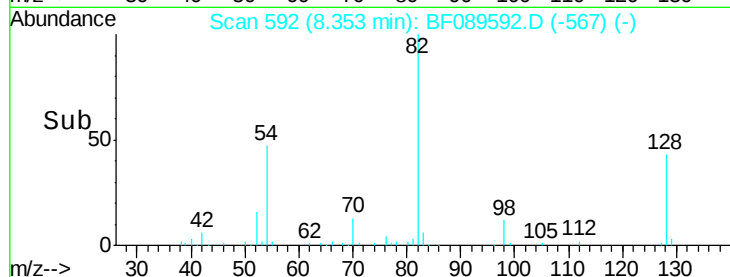
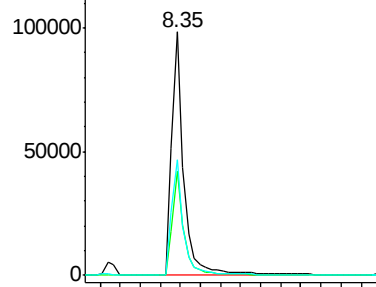
Tot Ion	Ratio	Resp	Lower	Upper
82	100	166388		
128	42.6		35.4	53.0
54	47.3		36.4	54.6

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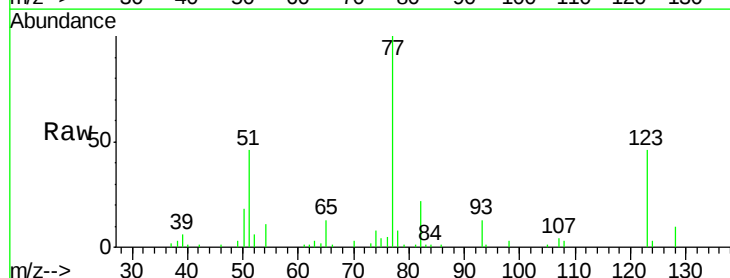


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

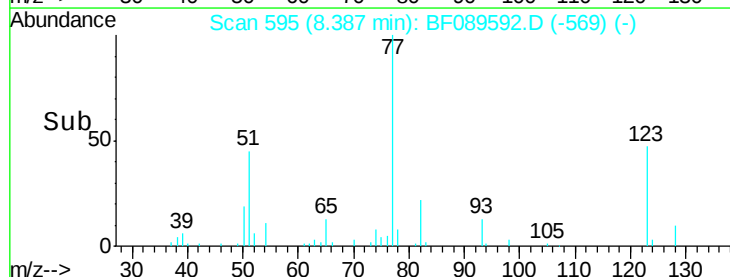
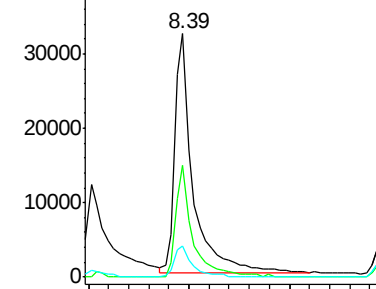


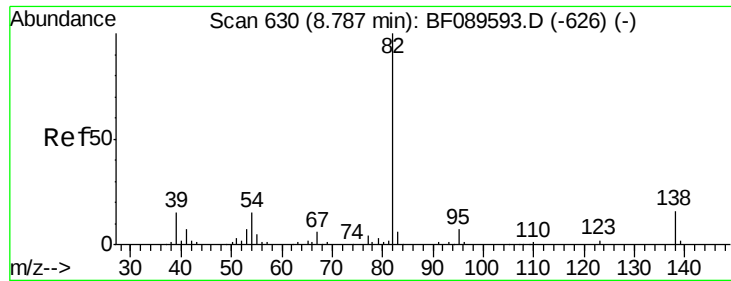
#24
Nitrobenzene
Concen: 24.94 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	79390		
123	45.6		32.6	49.0
65	13.0		11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 25.72 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

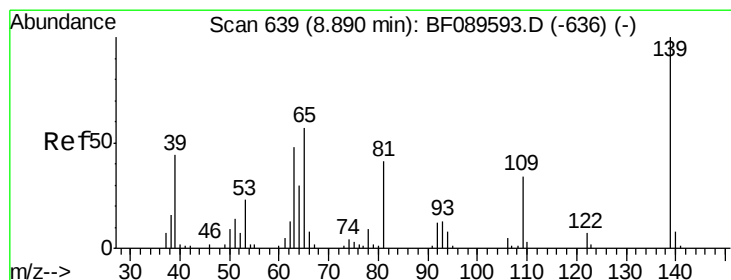
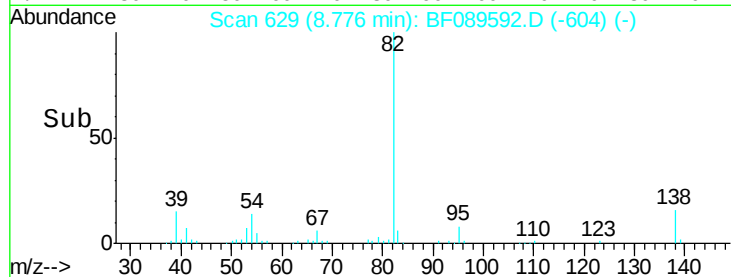
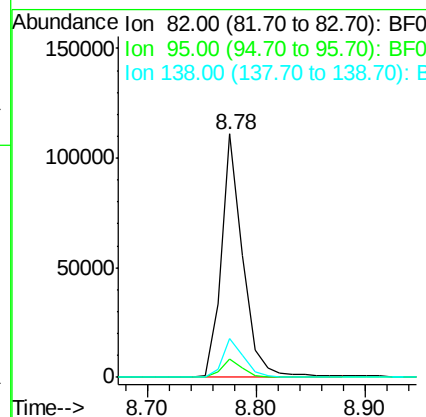
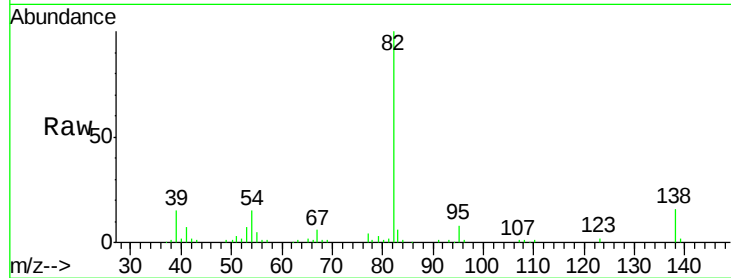
ClientSampleId :

SSTDICC025

Tot Ion:	82	Resp:	154148
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.8	8.8
138	16.2	12.6	18.8

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#26

2-Nitrophenol

Concen: 24.68 ng

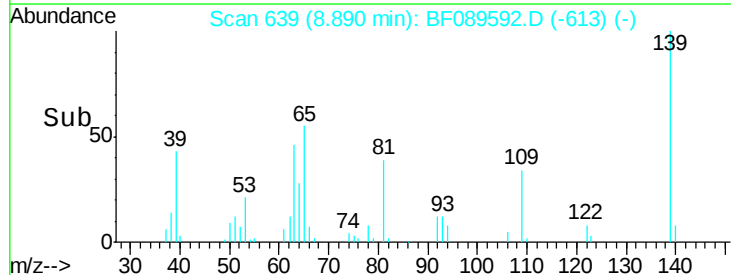
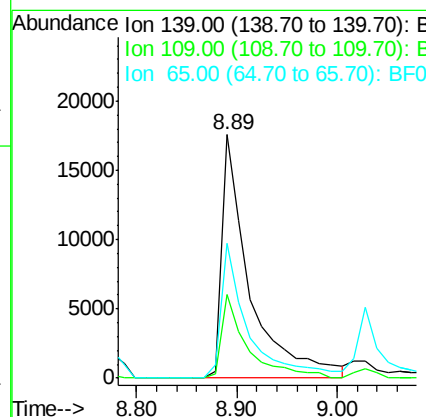
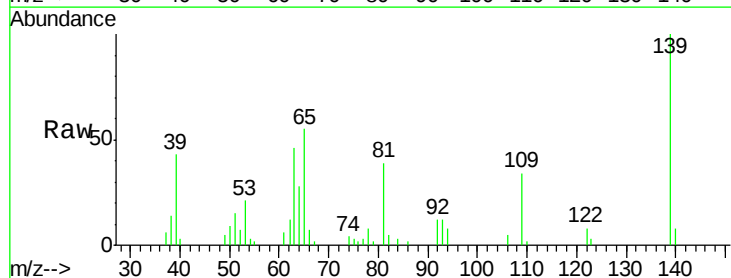
RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion:	139	Resp:	33858
Ion Ratio	Lower	Upper	
139	100		
109	34.5	27.5	41.3
65	55.2	45.7	68.5





#27

2,4-Dimethylphenol

Concen: 25.91 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

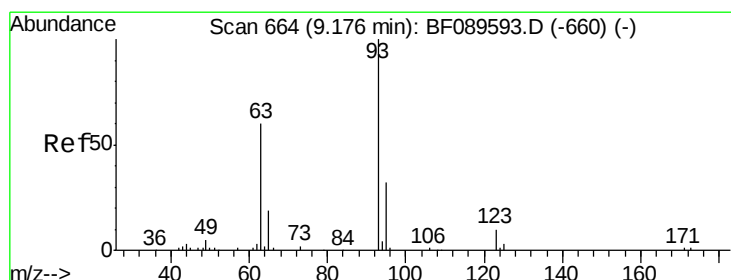
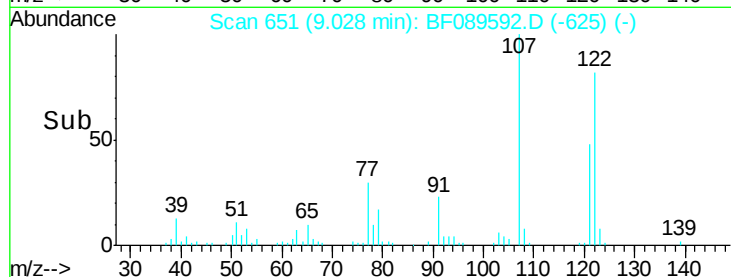
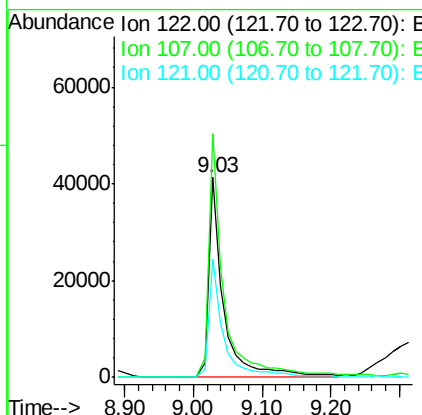
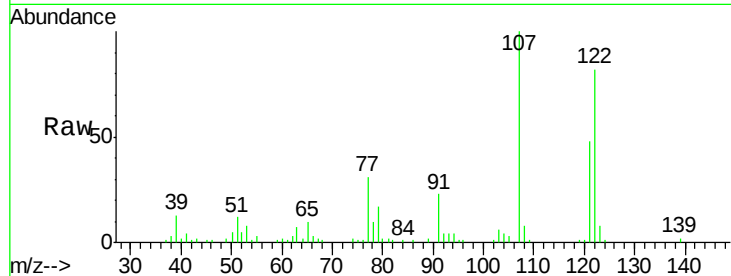
ClientSampleId :

SSTDIC025

Tot Ion:	122	Resp:	63476
Ion Ratio	Lower	Upper	
122	100		
107	122.0	99.5	149.3
121	59.1	48.5	72.7

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#28

bis(2-Chloroethoxy)methane

Concen: 26.55 ng

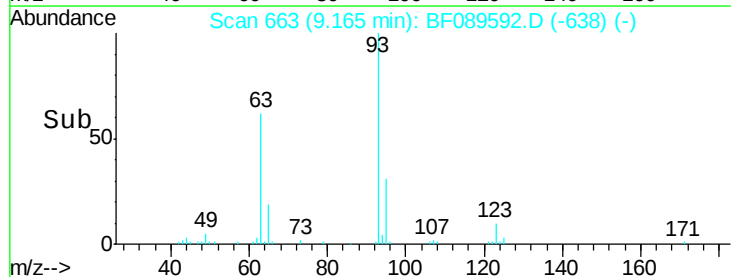
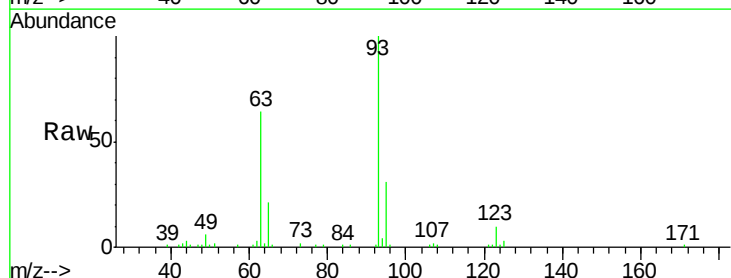
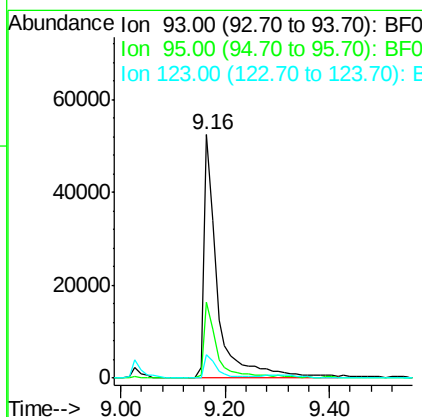
RT: 9.16 min Scan# 663

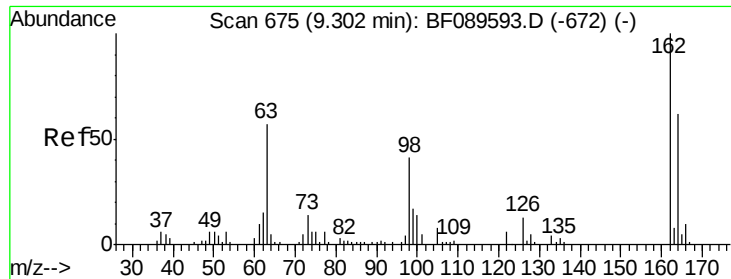
Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion:	93	Resp:	95285
Ion Ratio	Lower	Upper	
93	100		
95	31.4	25.8	38.8
123	9.6	8.0	12.0





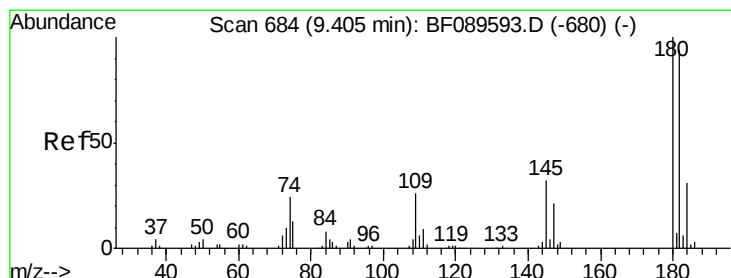
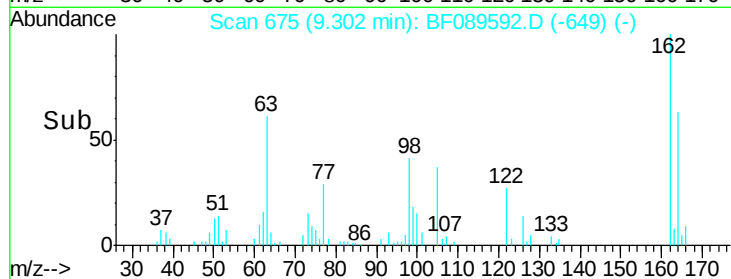
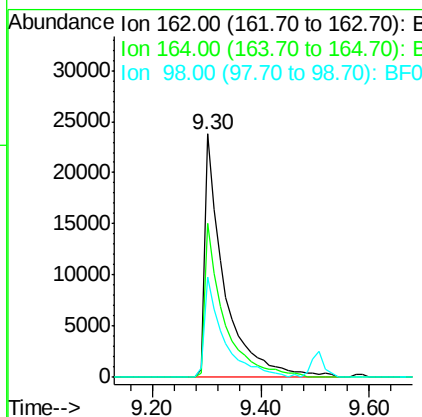
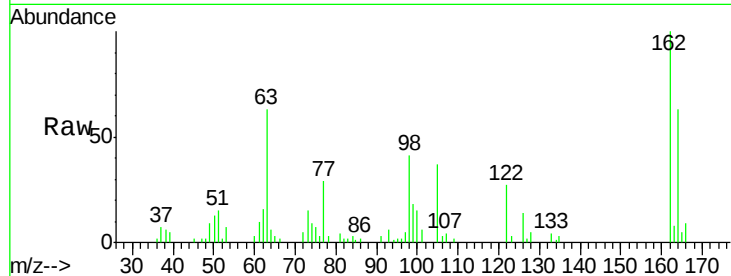
#29
 2,4-Dichlorophenol
 Concen: 25.42 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	162	Resp:	58816
Ion Ratio	Lower	Upper	
162	100		
164	63.3	42.3	82.3
98	41.0	21.2	61.2

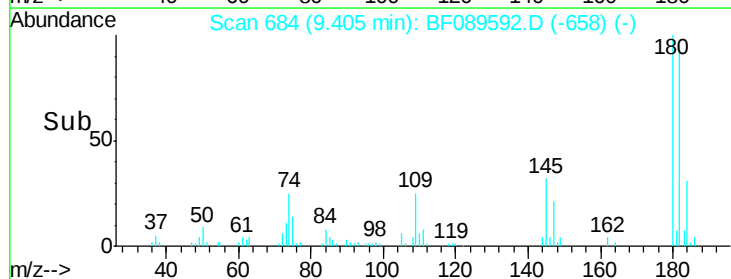
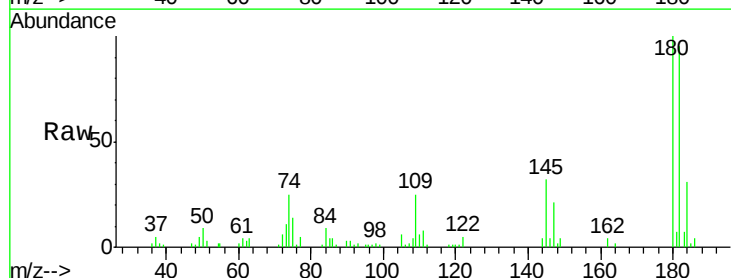
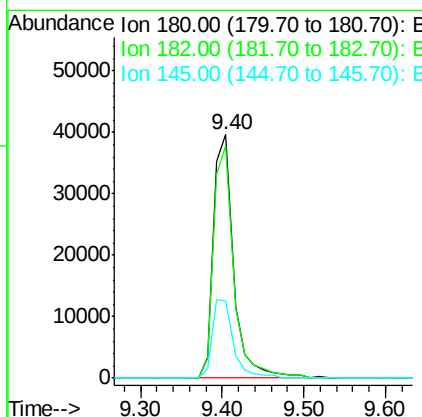
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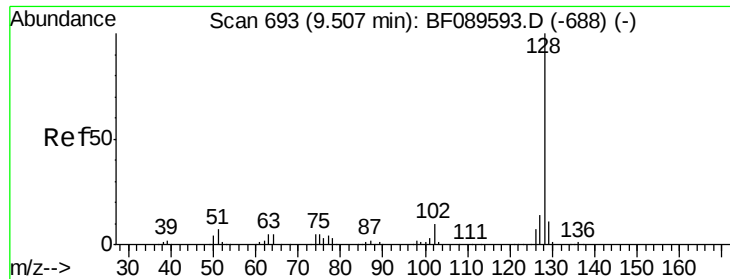
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#30
 1,2,4-Trichlorobenzene
 Concen: 26.04 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Tgt Ion:	180	Resp:	68652
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.0	112.6
145	31.6	25.6	38.4





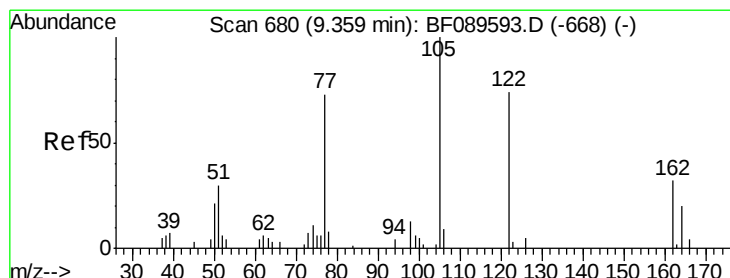
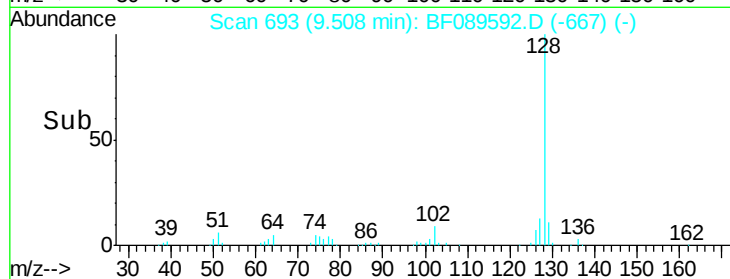
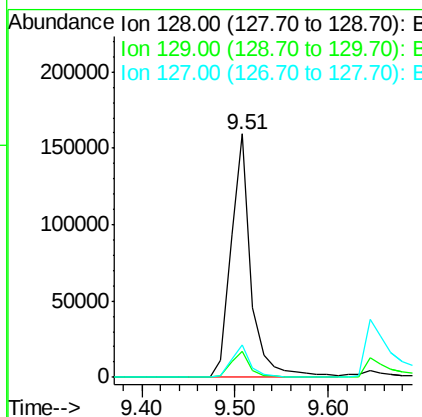
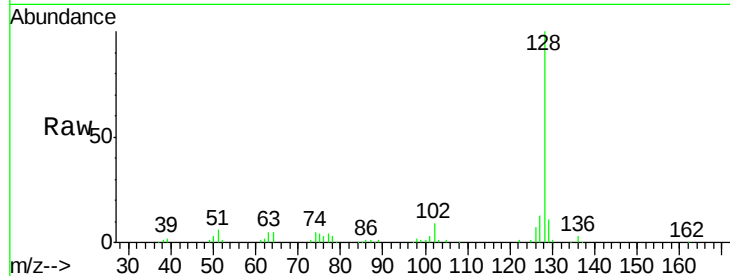
#31
Naphthalene
Concen: 25.72 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.9	16.3

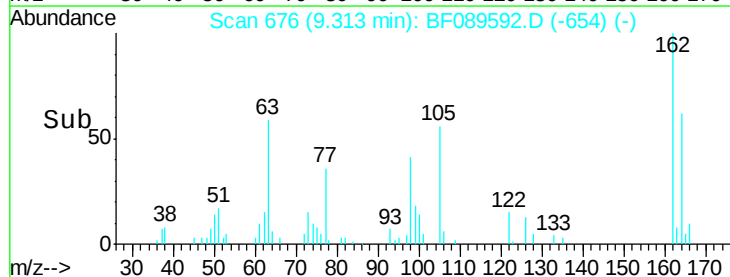
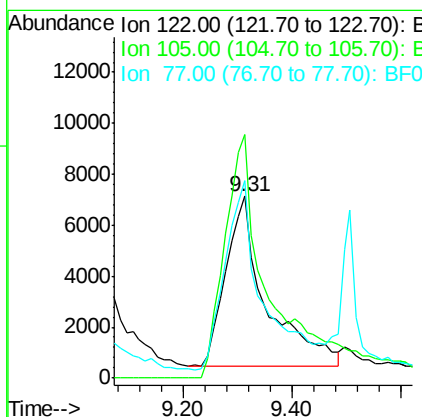
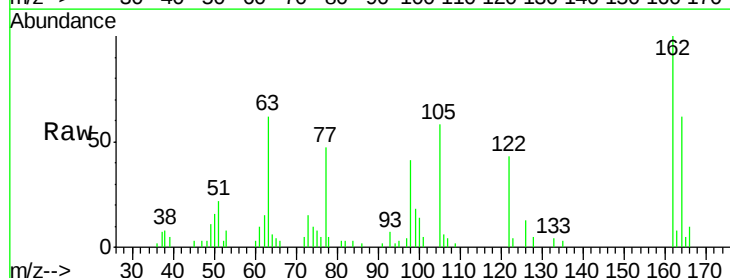
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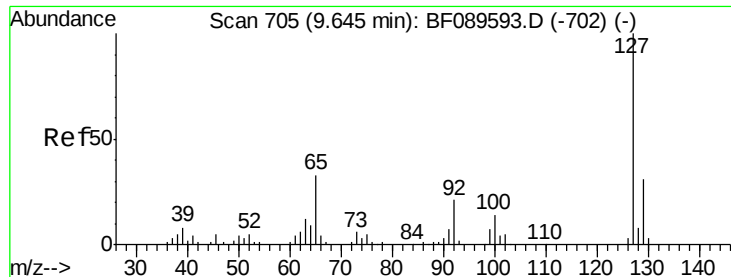
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#32
Benzoic acid
Concen: 21.01 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.05 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.7	109.9	149.9
77	108.3	77.5	117.5





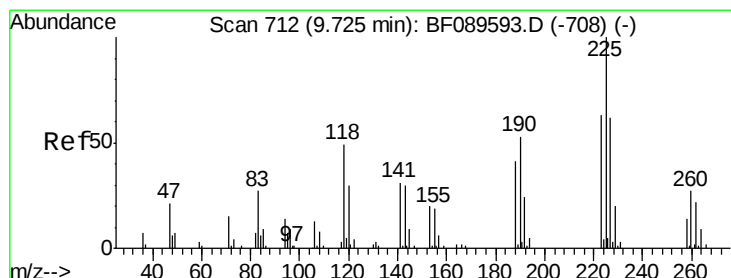
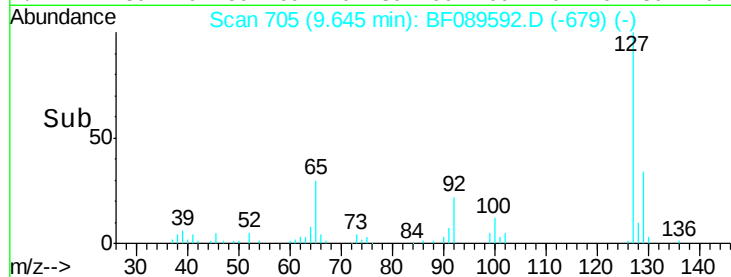
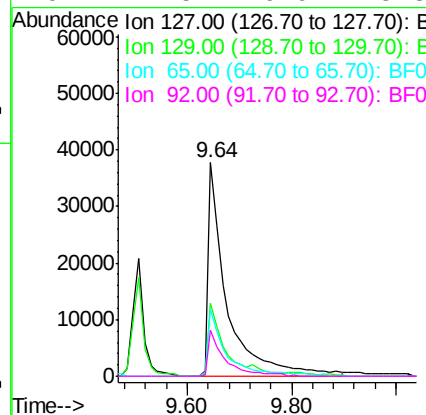
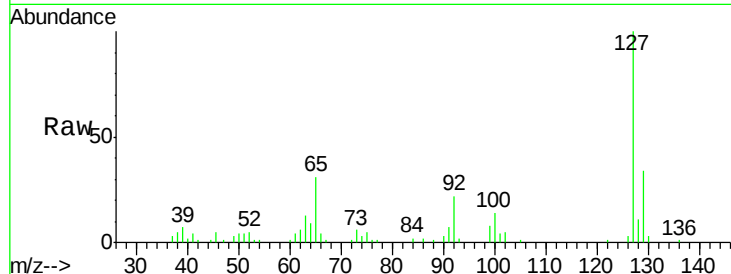
#33
4-Chloroaniline
Concen: 26.11 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		94137		
129	34.2	25.1	37.7		
65	31.3	26.2	39.2		
92	21.5	16.9	25.3		

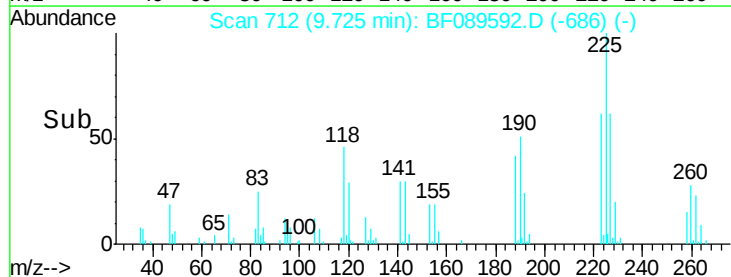
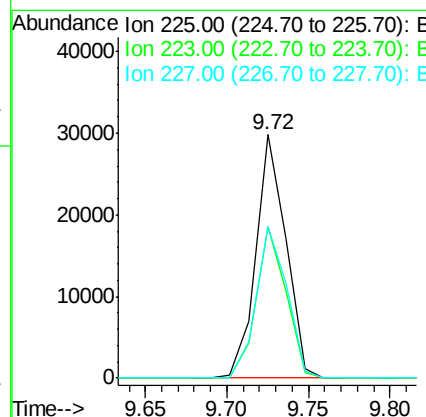
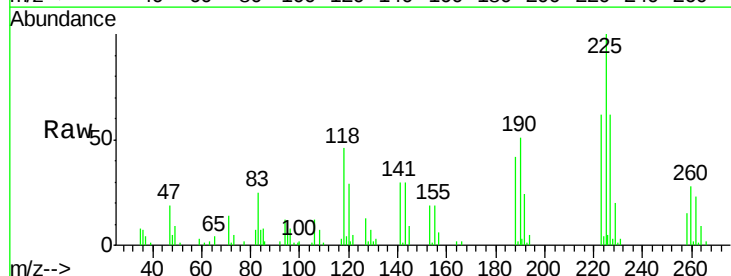
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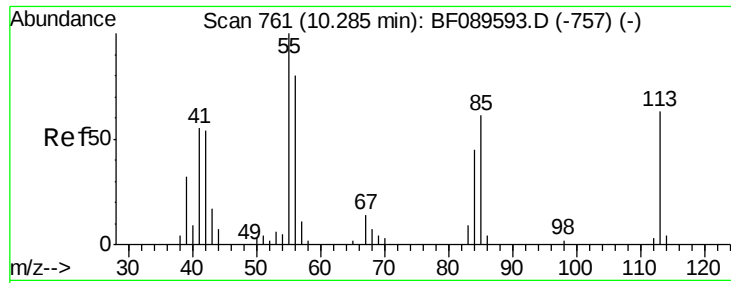
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#34
Hexachlorobutadiene
Concen: 24.85 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		37981		
223	62.1	50.7	76.1		
227	62.3	49.4	74.0		





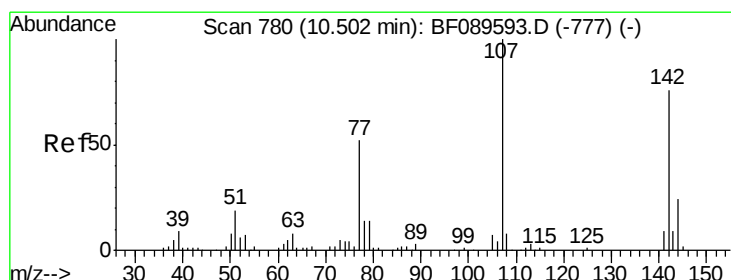
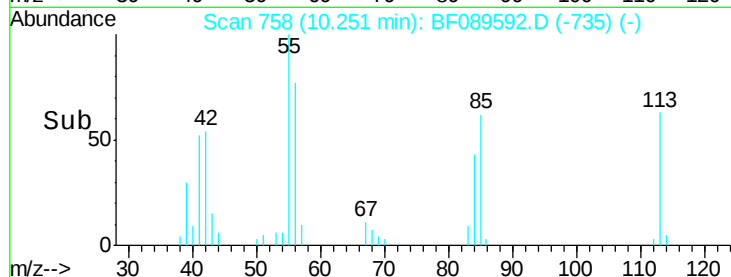
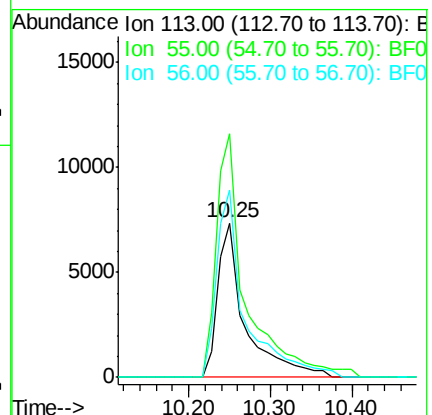
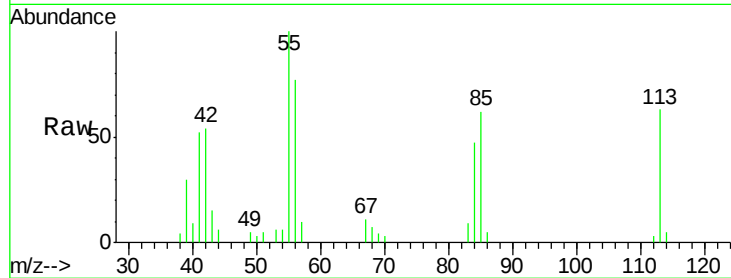
#35
Caprolactam
Concen: 25.49 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:113 Resp: 17294
Ion Ratio Lower Upper
113 100
55 157.9 139.6 179.6
56 121.3 108.2 148.2

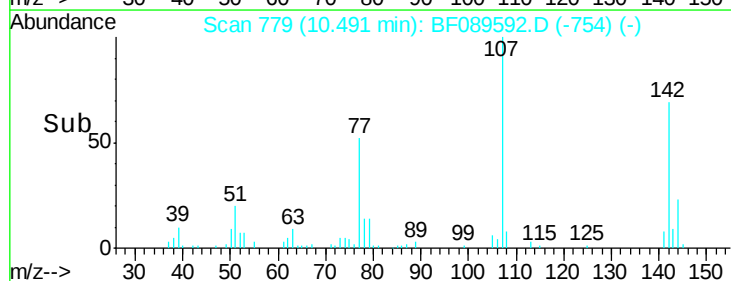
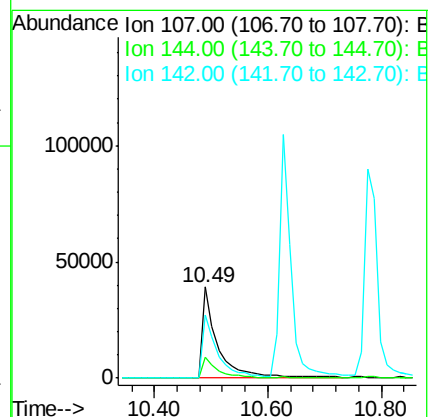
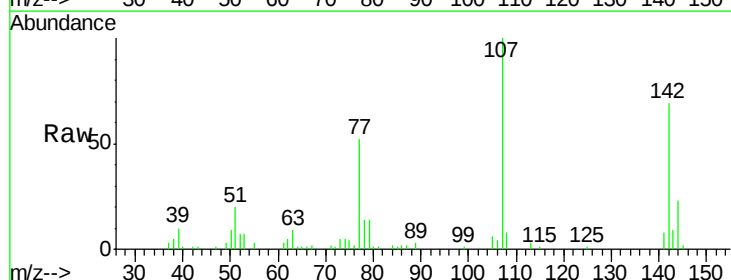
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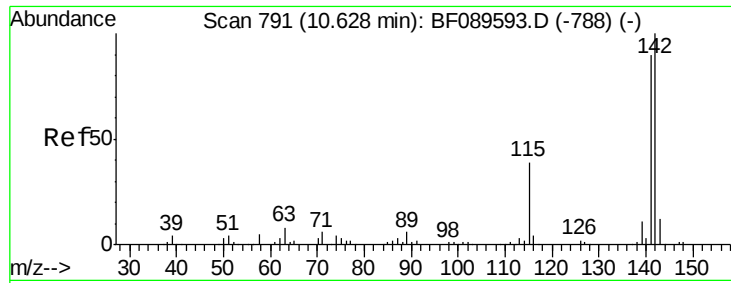
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#36
4-Chloro-3-methylphenol
Concen: 26.87 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion:107 Resp: 72635
Ion Ratio Lower Upper
107 100
144 23.4 18.9 28.3
142 68.6 60.4 90.6





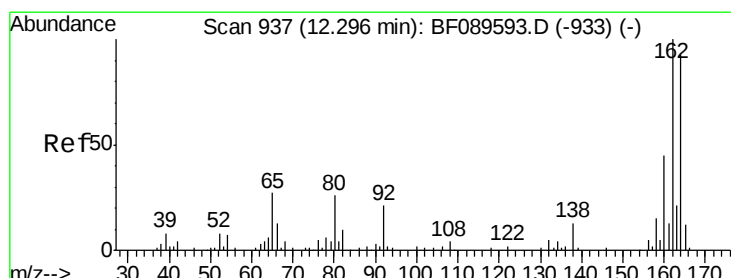
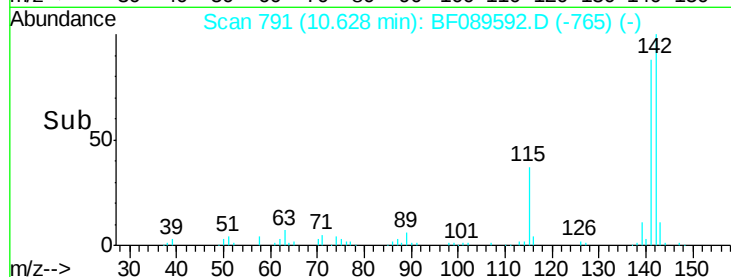
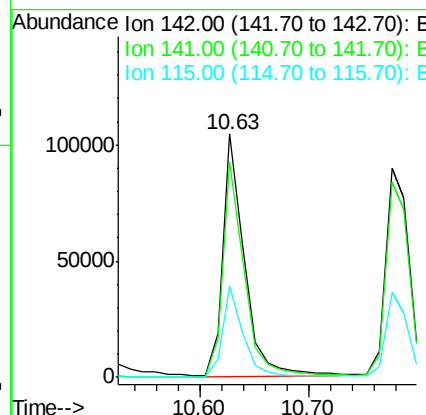
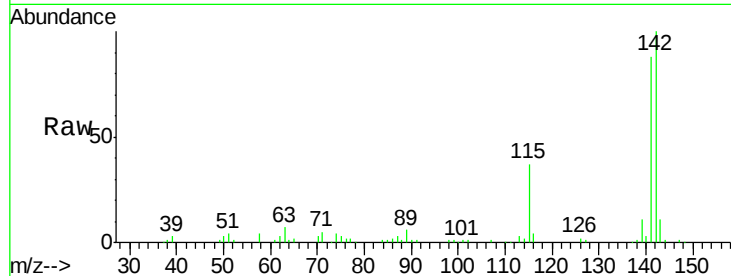
#37
 2-Methylnaphthalene
 Concen: 25.39 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.8	107.6
115	37.4	31.0	46.4

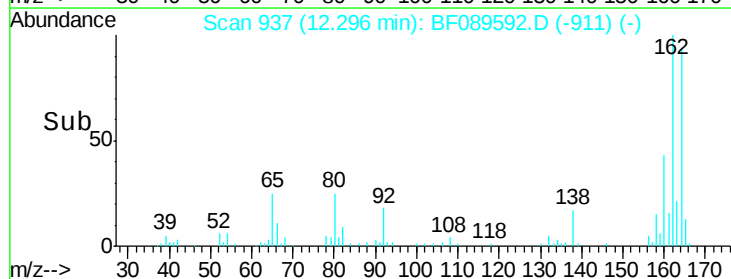
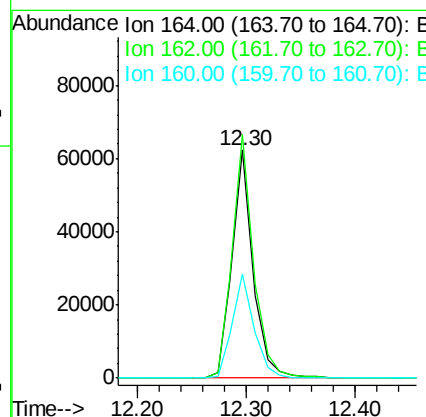
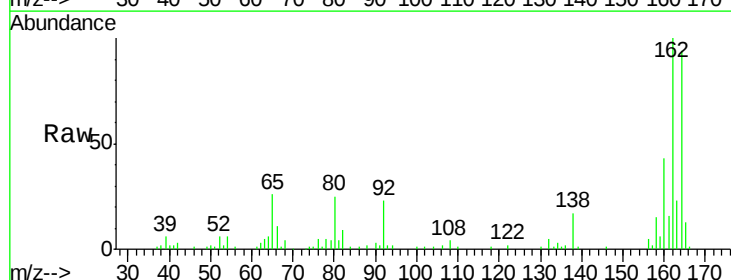
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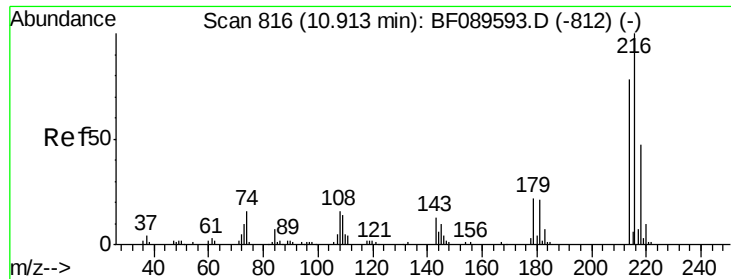
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.7	128.5
160	45.7	38.2	57.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.68 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

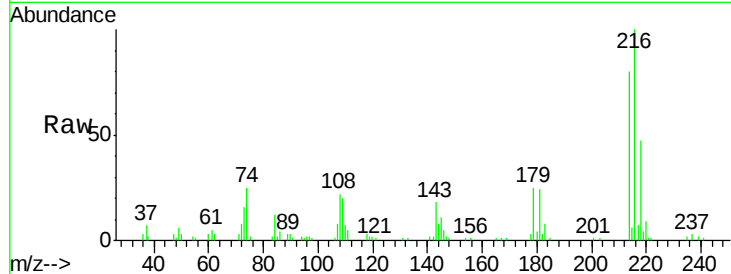
ClientSampleId :

SSTDIC025

Tot Ion:	216	Resp:	79813
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.6	94.0
179	22.4	17.8	26.8
108	19.6	16.3	24.5

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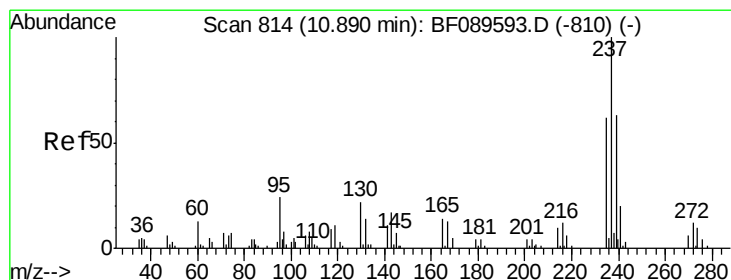
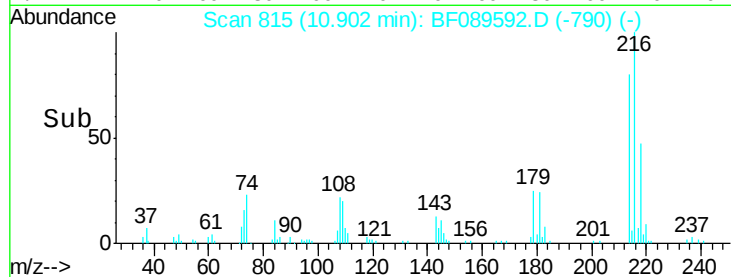
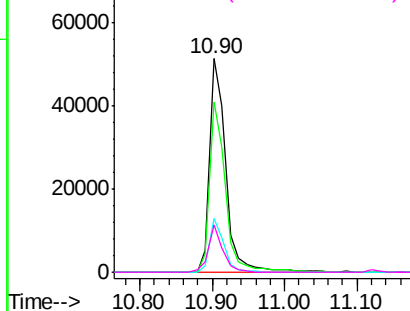


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 18.42 ng

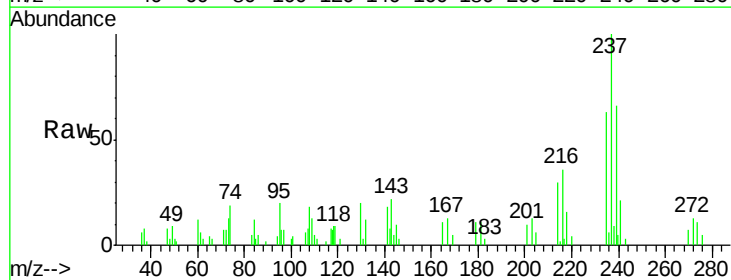
RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

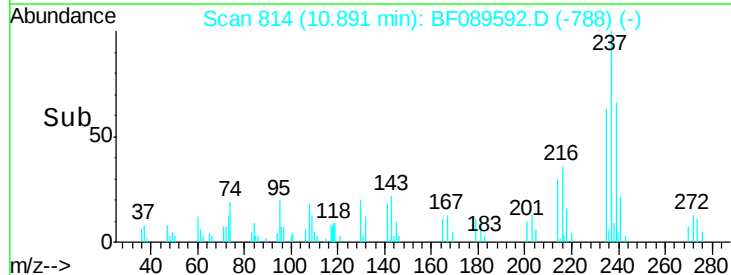
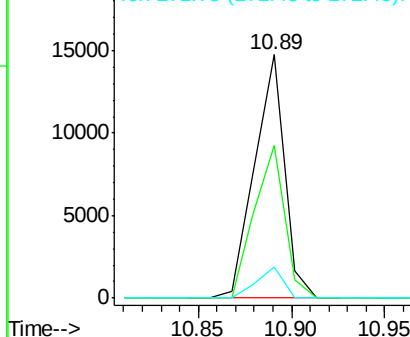
Tgt Ion:	237	Resp:	16613
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.9	81.9
272	12.8	0.0	32.4

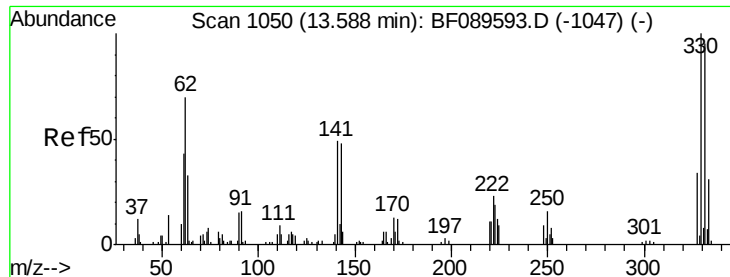


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





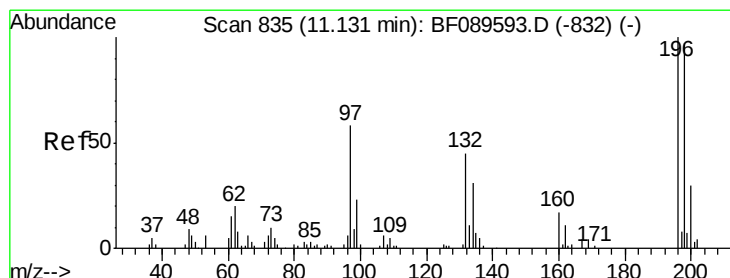
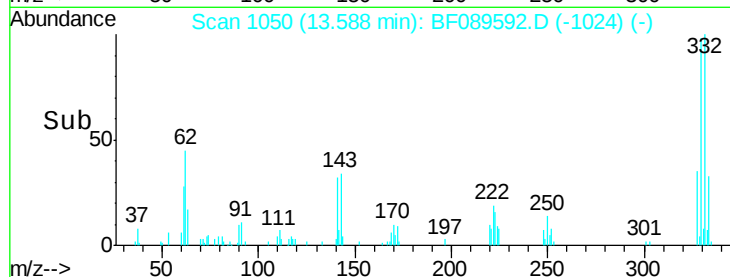
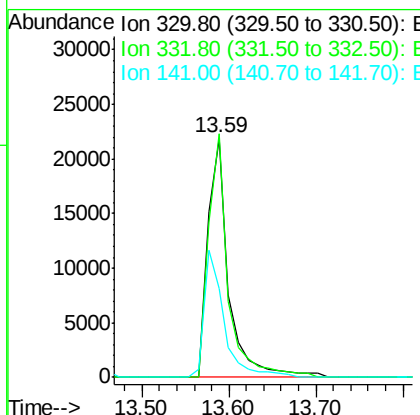
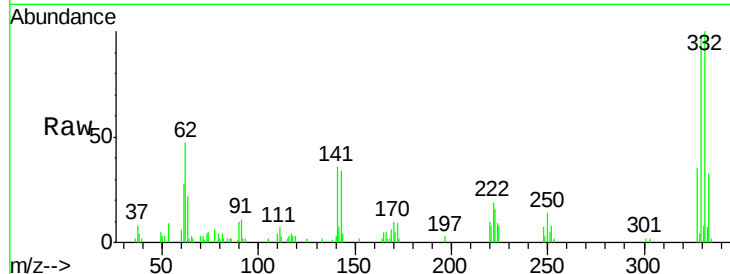
#41
 2,4,6-Tribromophenol
 Concen: 55.45 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	50.6	38.6	57.8

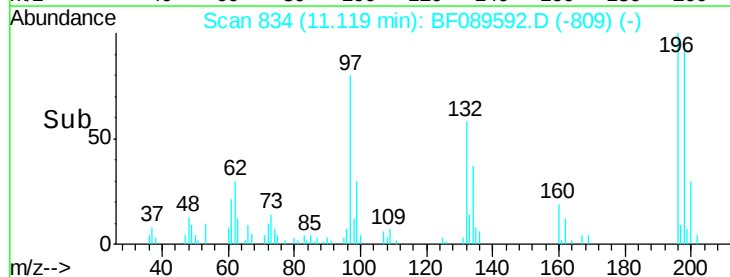
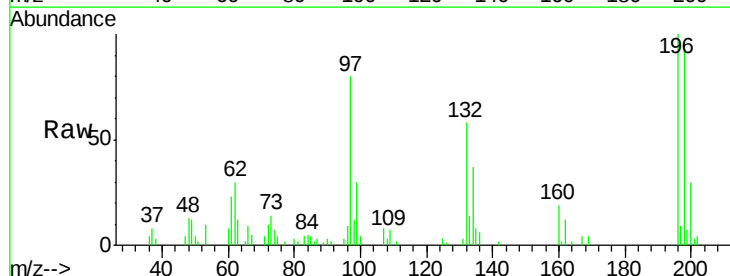
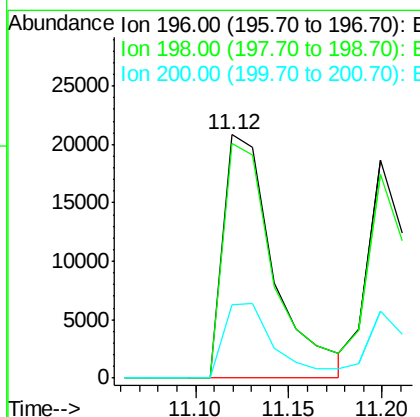
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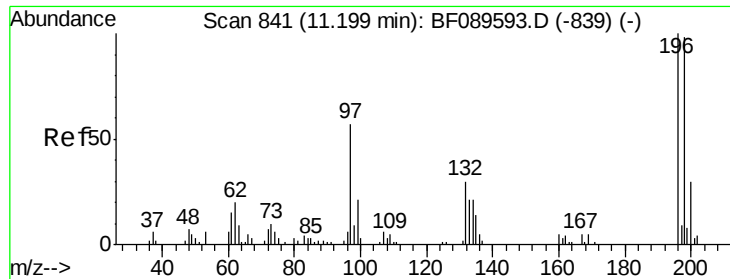
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#42
 2,4,6-Trichlorophenol
 Concen: 26.04 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.6	116.4
200	30.0	23.8	35.8





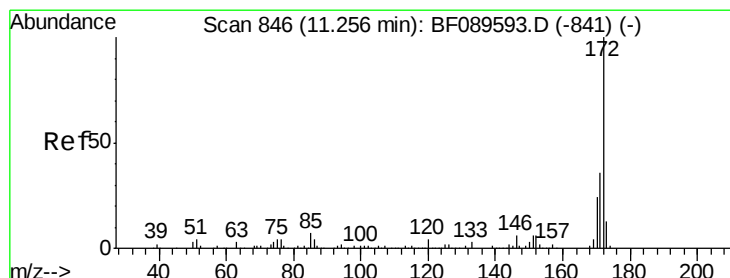
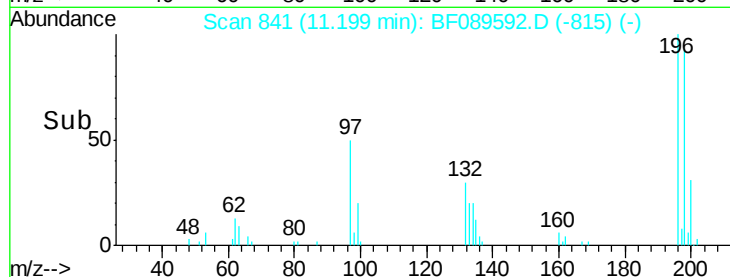
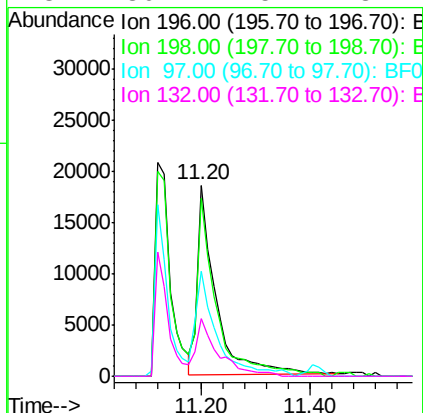
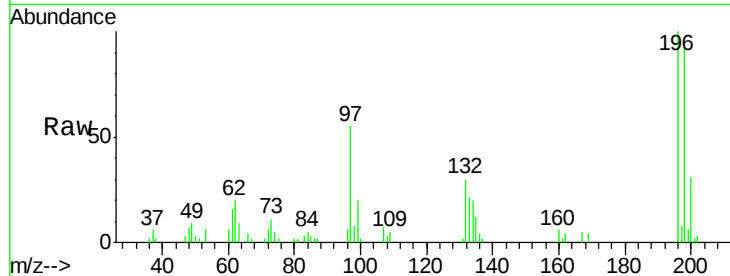
#43
 2,4,5-Trichlorophenol
 Concen: 26.98 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	196	Resp:	43452
Ion	Ratio	Lower	Upper
196	100		
198	93.5	77.8	116.6
97	55.3	45.8	68.6
132	30.2	25.1	37.7

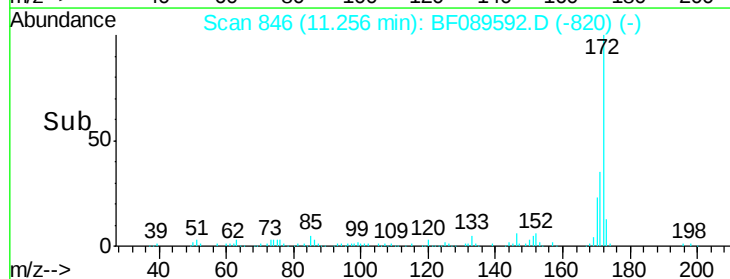
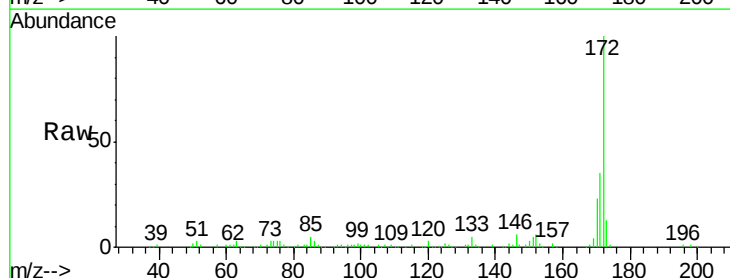
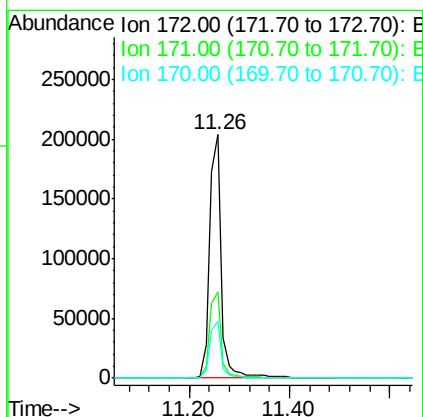
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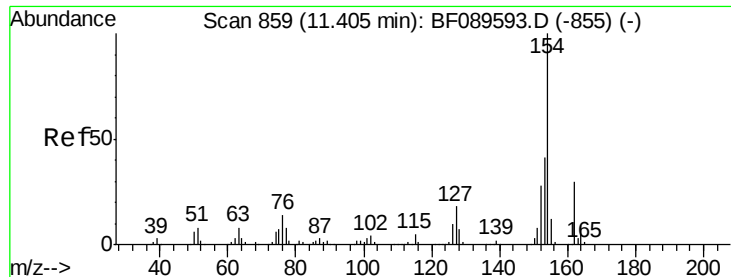
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#44
 2-Fluorobiphenyl
 Concen: 52.13 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Tgt Ion:	172	Resp:	329585
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.4	19.0	28.6





#45

1,1'-Biphenyl

Concen: 26.09 ng

RT: 11.40 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

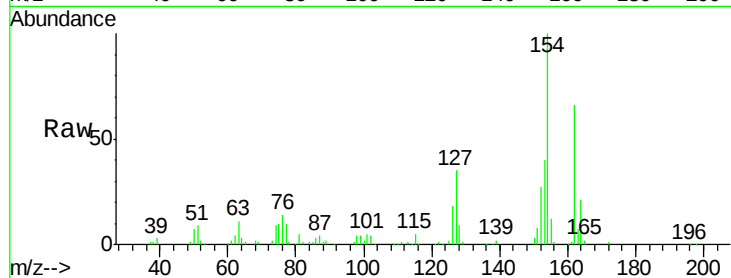
ClientSampleId :

SSTDIC025

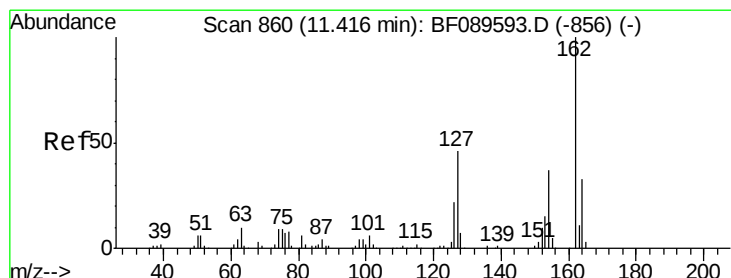
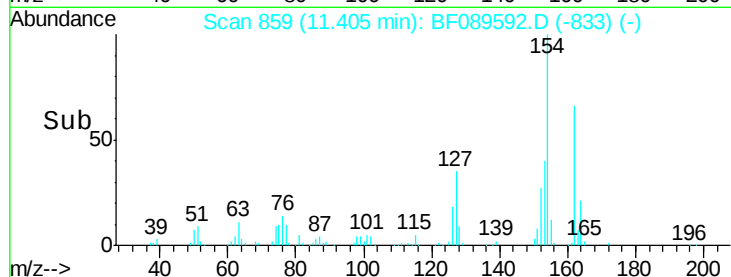
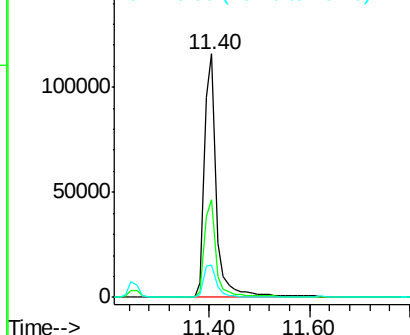
Tot Ion:	154	Resp:	194115
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.6	60.6
76	13.5	0.0	33.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 26.27 ng

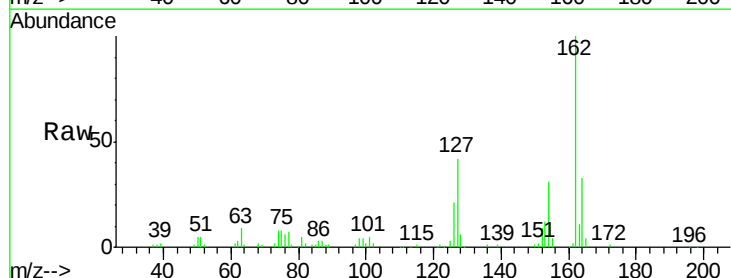
RT: 11.42 min Scan# 860

Delta R.T. 0.00 min

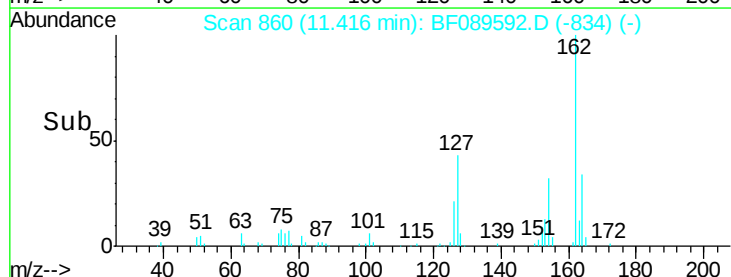
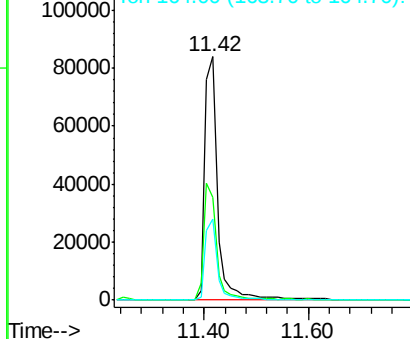
Lab File: BF089592.D

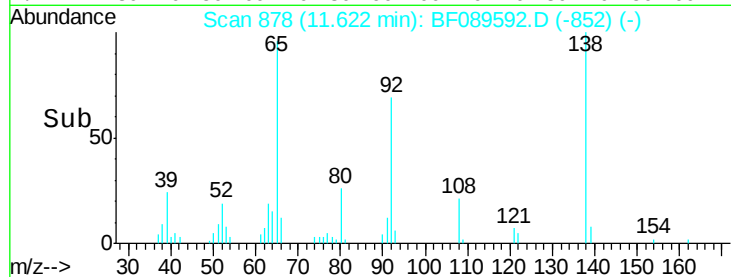
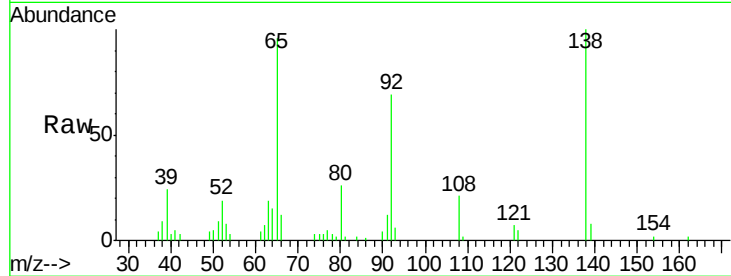
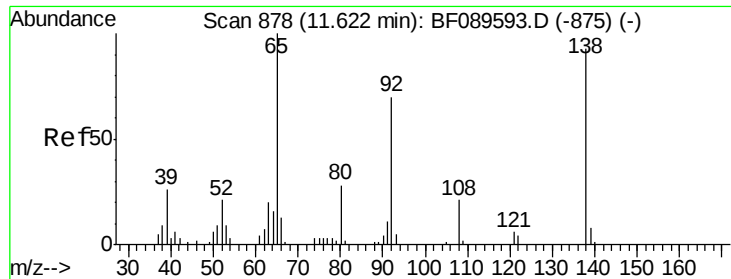
Acq: 4 Aug 2016 16:52

Tgt Ion:	162	Resp:	145965
Ion Ratio	Lower	Upper	
162	100		
127	42.2	36.6	54.8
164	33.4	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





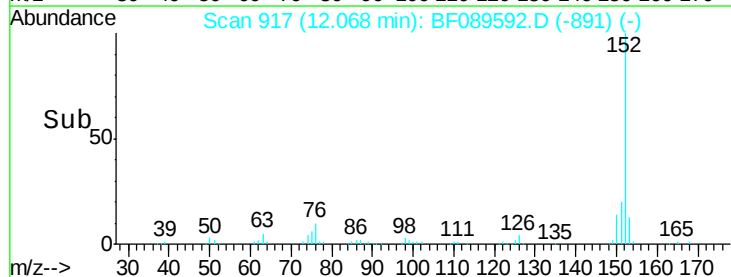
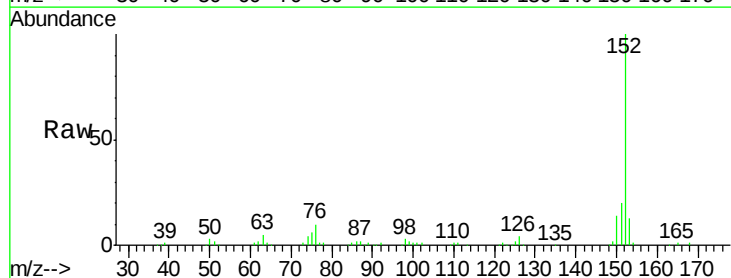
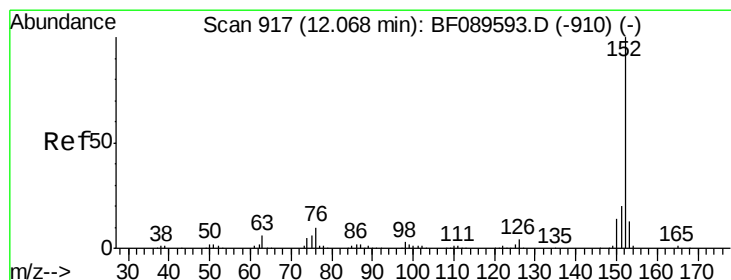
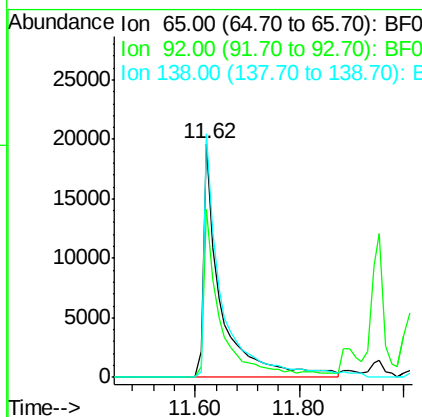
#47
2-Nitroaniline
Concen: 25.40 ng
RT: 11.62 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	56.3	84.5
138	104.3	74.3	111.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

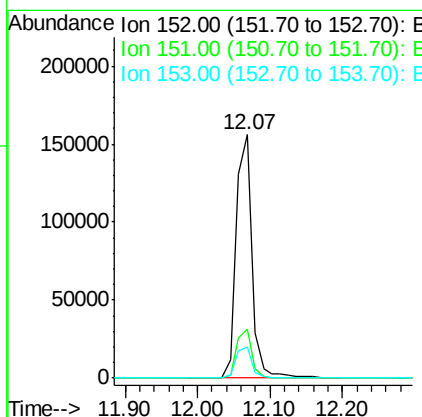
Manual Integrations
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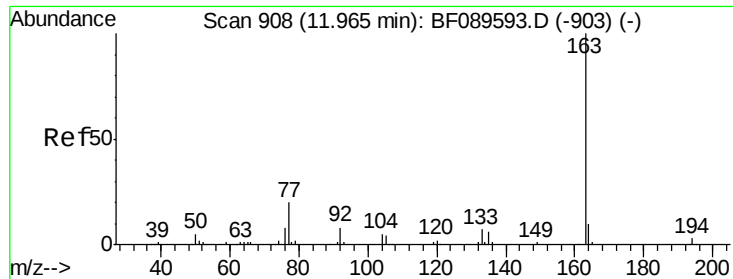
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#48
Acenaphthylene
Concen: 25.81 ng
RT: 12.07 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	12.7	10.5	15.7





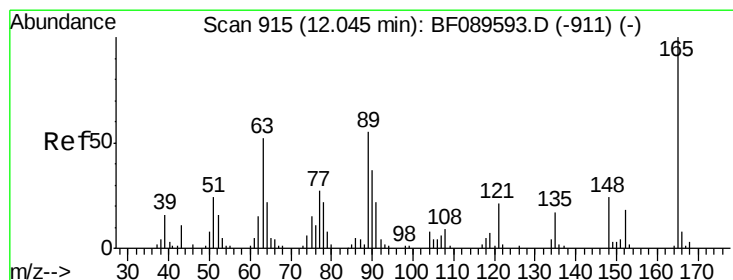
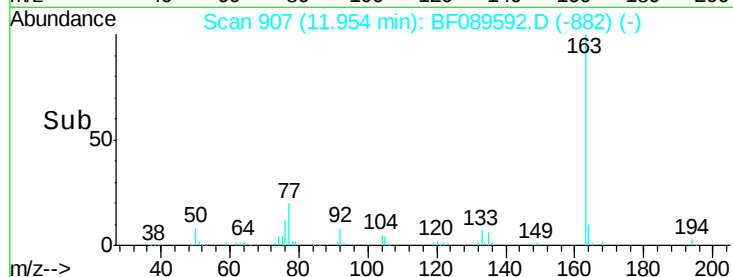
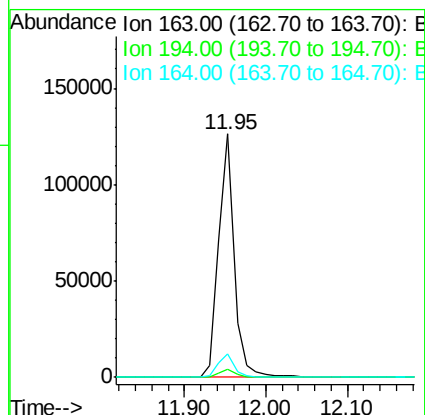
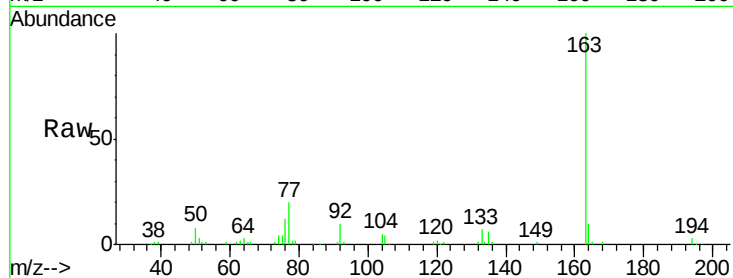
#49
Dimethylphthalate
Concen: 26.58 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
163	100	168770		
194	3.3	2.7	4.1	
164	9.8	7.8	11.6	

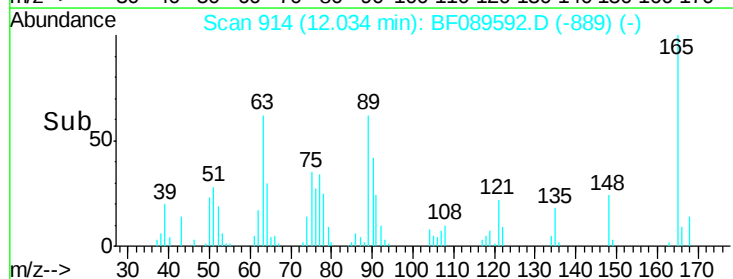
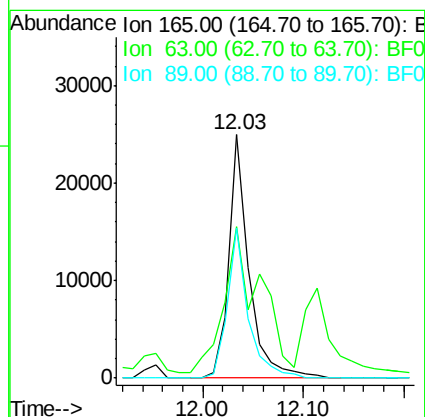
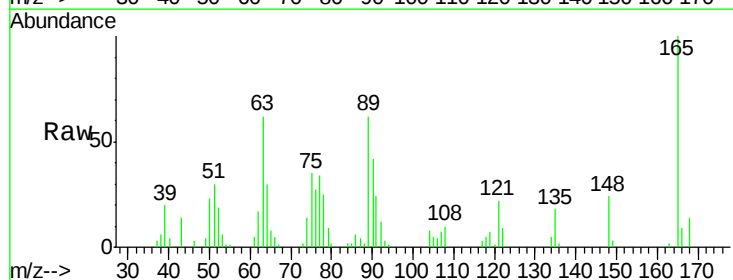
Manual Integrations
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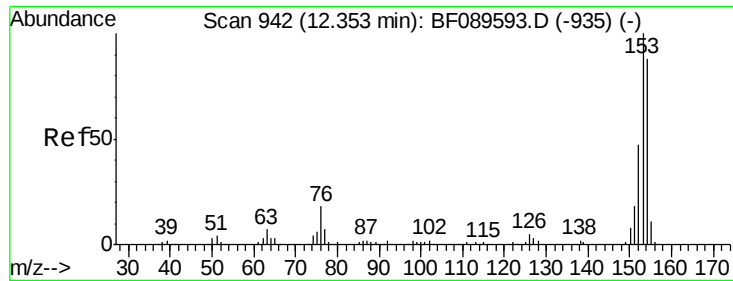
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#50
2,6-Dinitrotoluene
Concen: 27.27 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	34743		
63	62.2	44.6	67.0	
89	61.6	44.2	66.2	





#51

Acenaphthene

Concen: 25.62 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

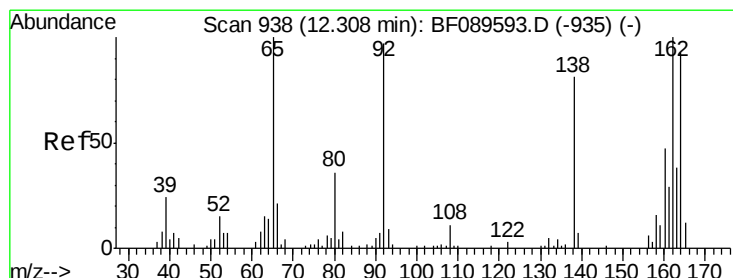
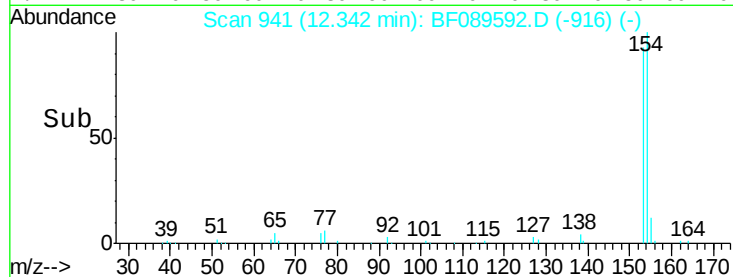
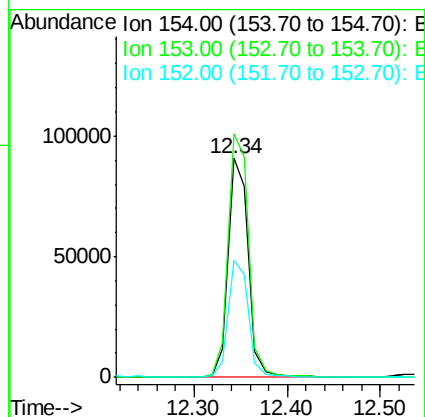
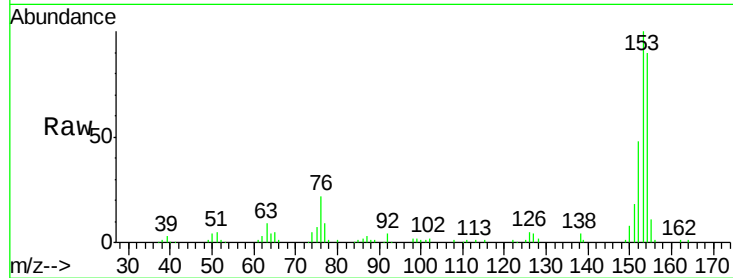
ClientSampleId :

SSTDICC025

Tot Ion:	154	Resp:	136627
Ion Ratio	Lower	Upper	
154	100		
153	111.1	91.1	136.7
152	53.4	43.5	65.3

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#52

3-Nitroaniline

Concen: 26.90 ng

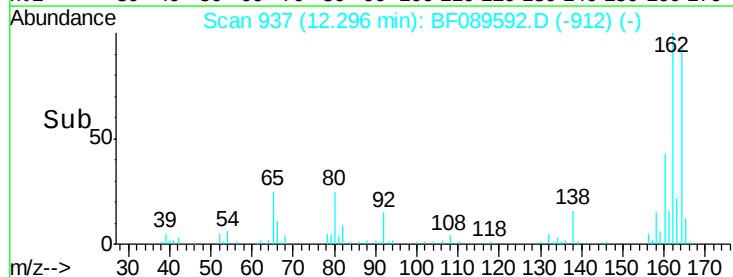
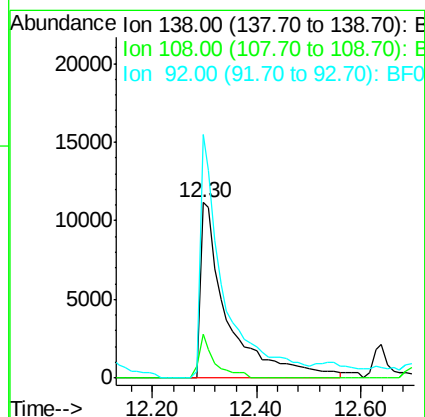
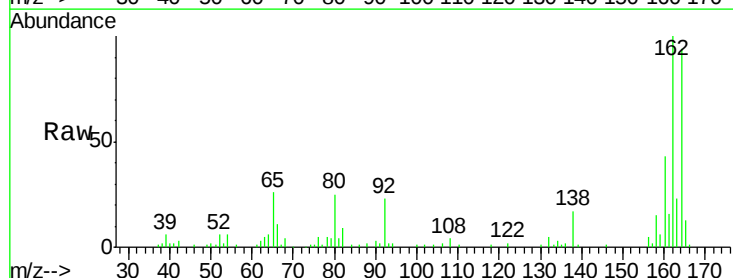
RT: 12.30 min Scan# 937

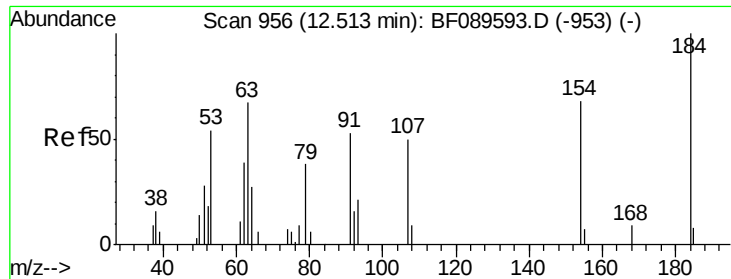
Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion:	138	Resp:	40467
Ion Ratio	Lower	Upper	
138	100		
108	24.9	10.7	16.1#
92	138.7	96.6	145.0





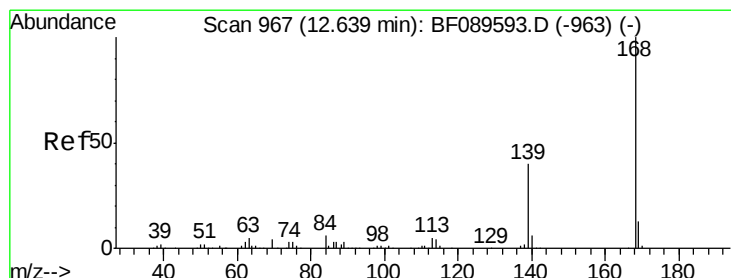
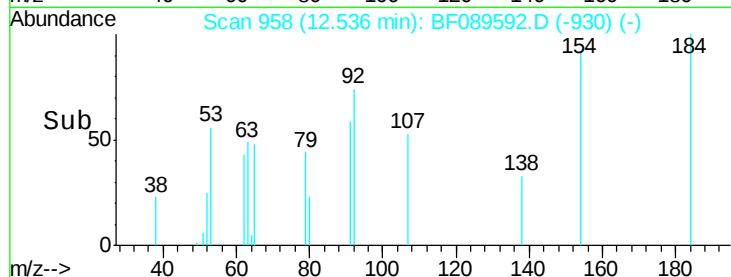
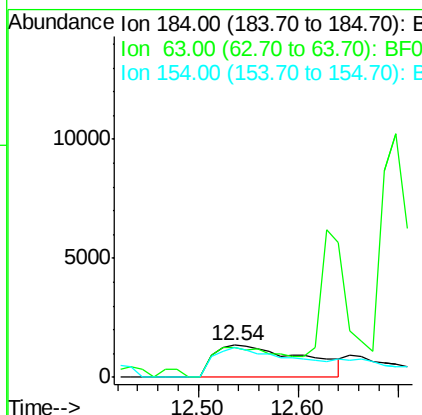
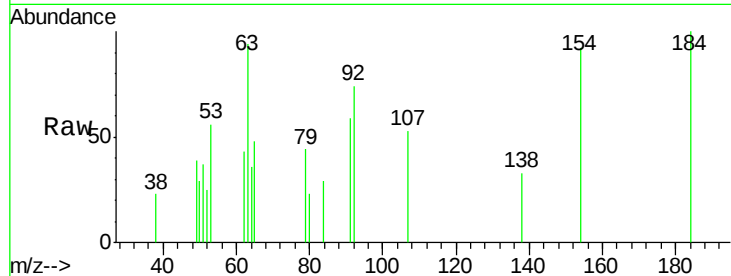
#53
 2,4-Dinitrophenol
 Concen: 18.66 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.02 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
184	100	8394		
63	94.0	59.0	88.6#	
154	92.0	60.0	90.0#	

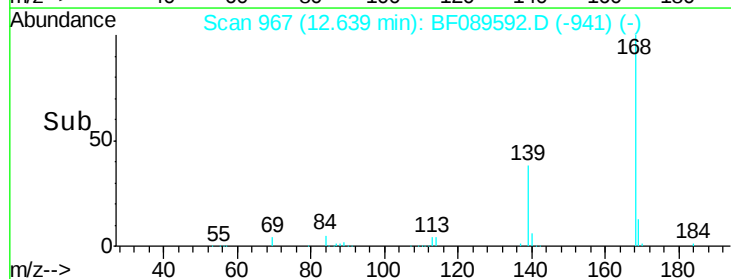
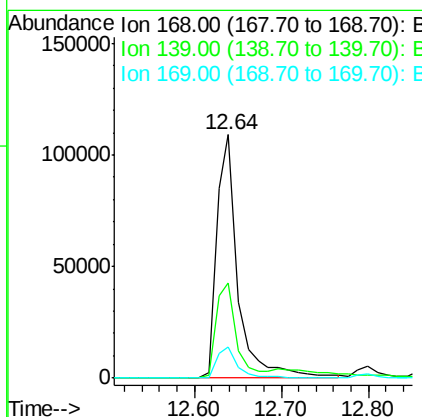
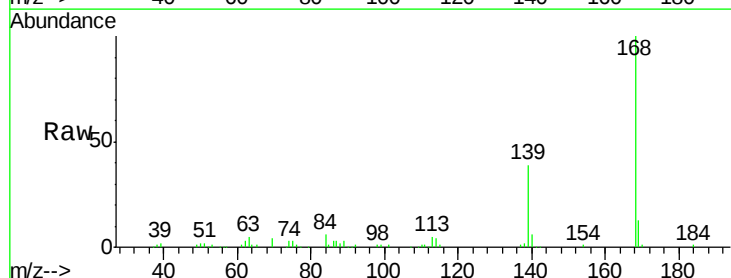
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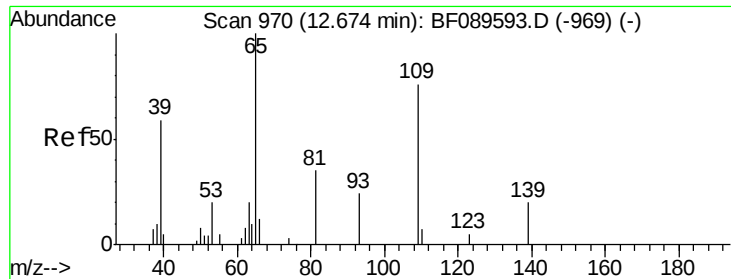
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#54
 Dibenzofuran
 Concen: 25.80 ng
 RT: 12.64 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	187313		
139	39.3	32.3	48.5	
169	13.0	10.6	15.8	





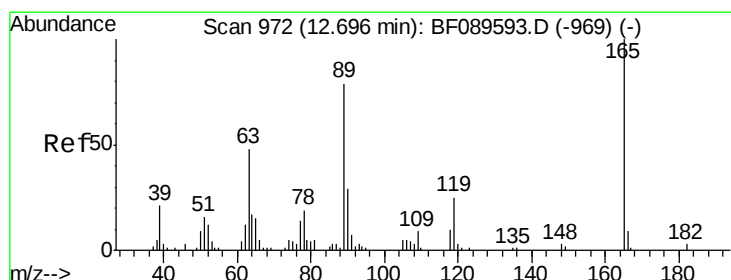
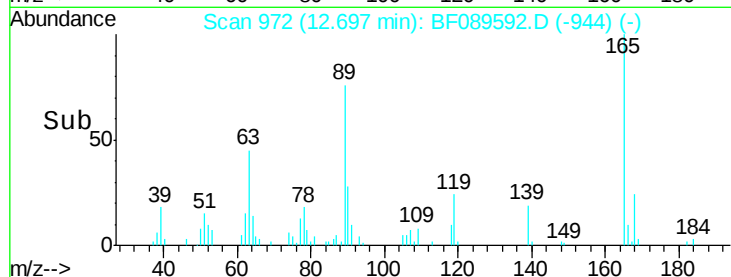
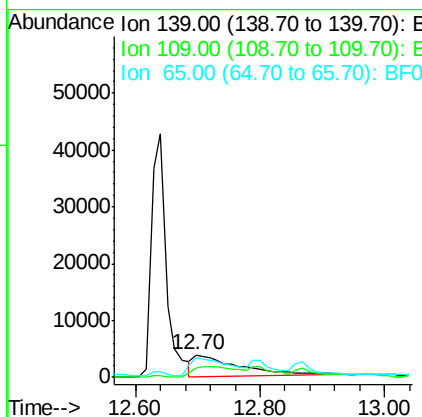
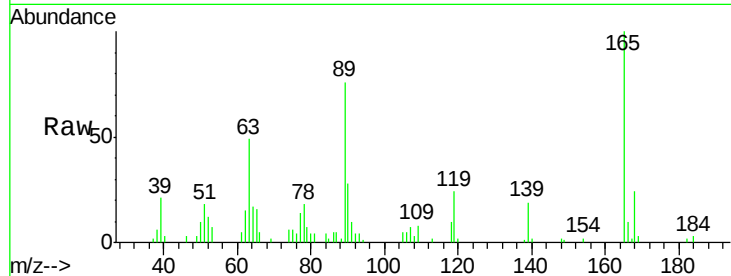
#55
4-Nitrophenol
Concen: 21.85 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
139	100	18413		
109	42.1	28.9	68.9	
65	84.3	49.2	89.2	

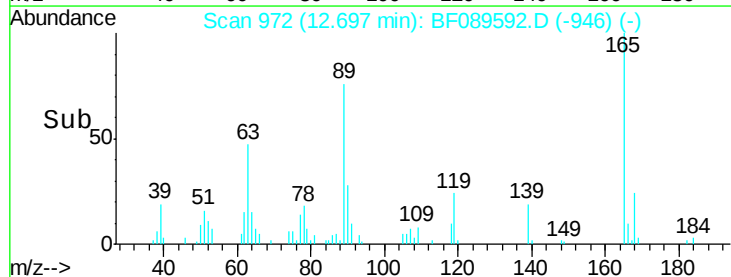
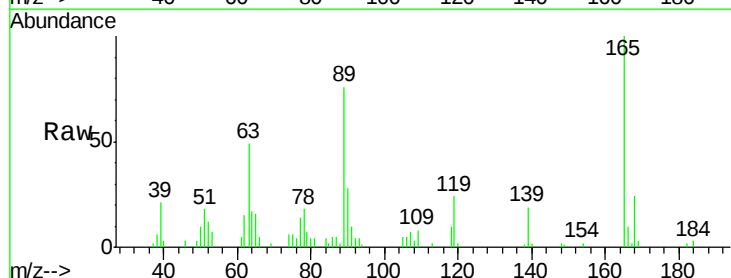
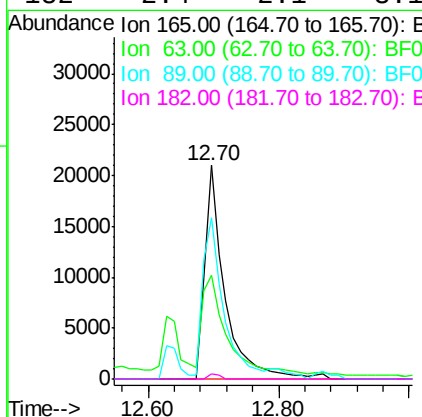
Manual Integrations
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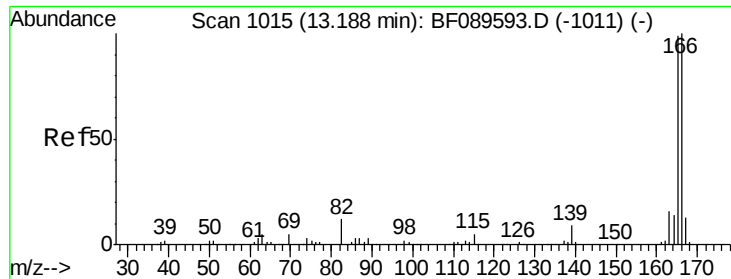
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#56
2,4-Dinitrotoluene
Concen: 26.07 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	44997		
63	48.7	42.2	63.4	
89	75.7	64.4	96.6	
182	2.4	2.1	3.1	





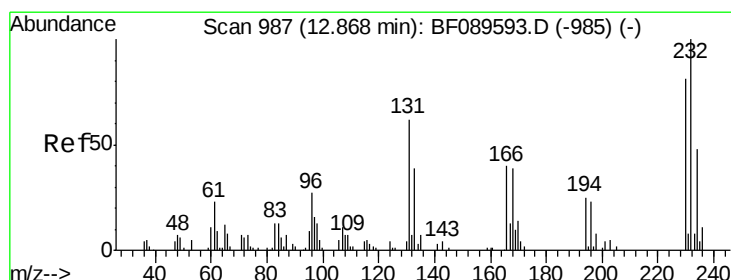
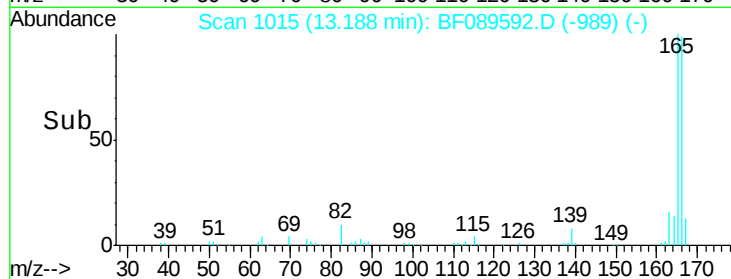
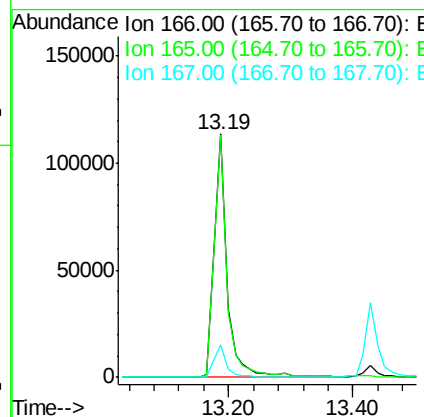
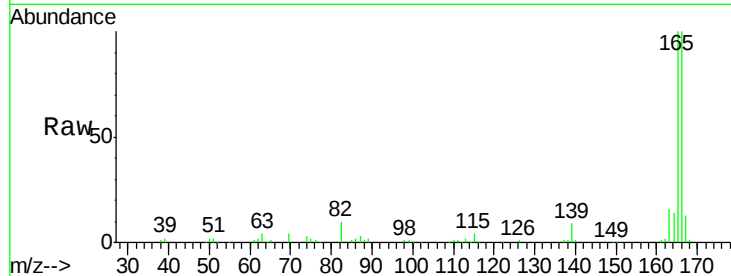
#57
 Fluorene
 Concen: 27.00 ng
 RT: 13.19 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.9	118.3
167	13.1	10.4	15.6

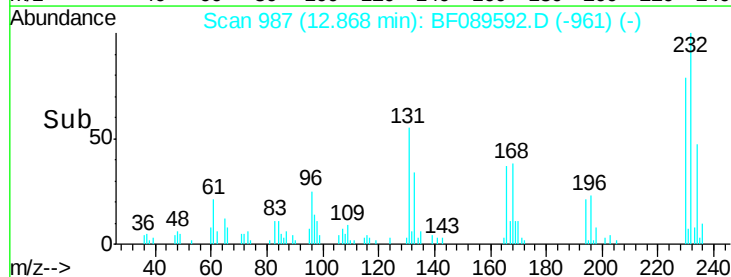
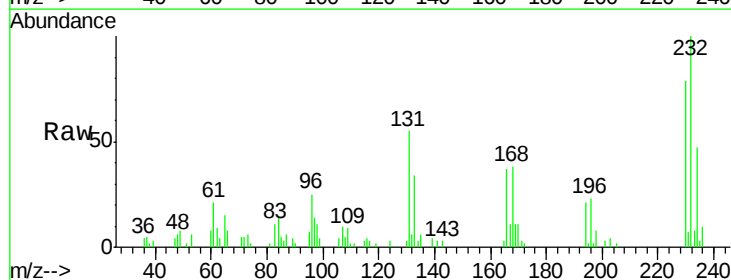
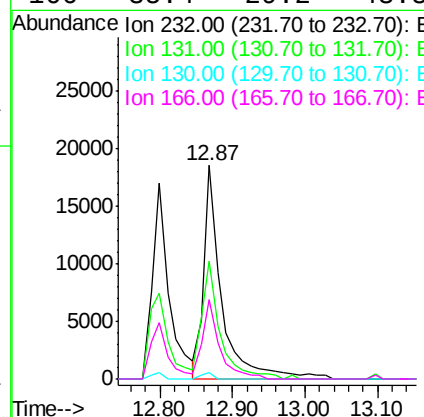
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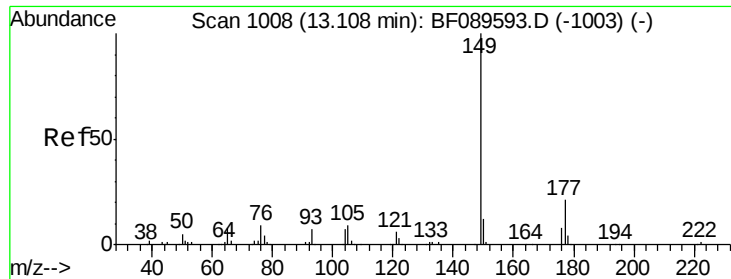
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.57 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.8	46.2	69.2
130	2.0	1.7	2.5
166	35.4	29.2	43.8





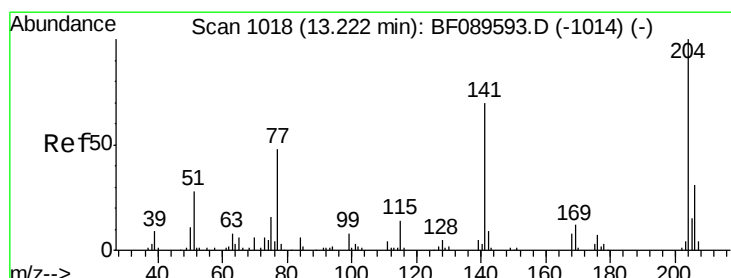
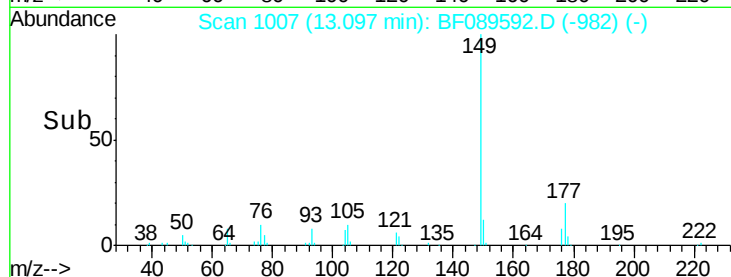
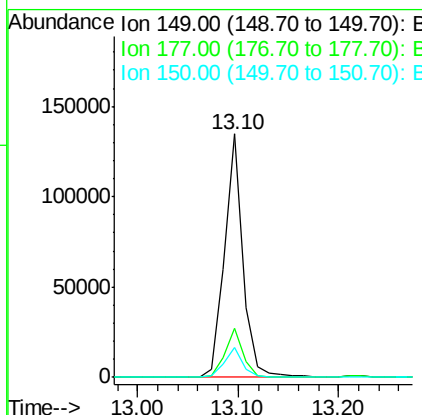
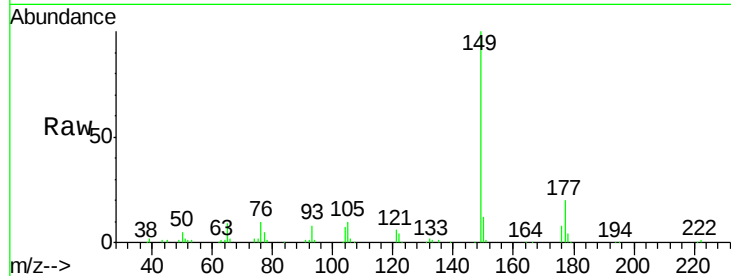
#59
Diethylphthalate
Concen: 26.47 ng
RT: 13.10 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
149	100	171428		
177	20.0	16.8	25.2	
150	12.0	9.6	14.4	

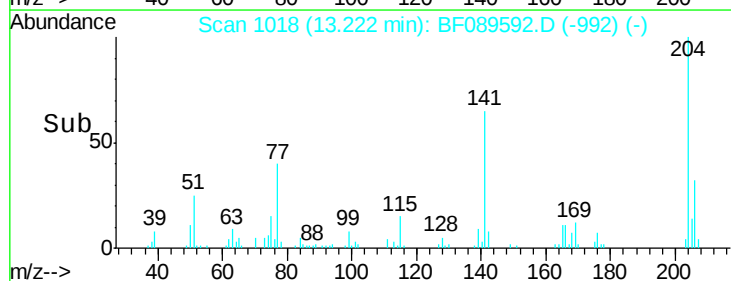
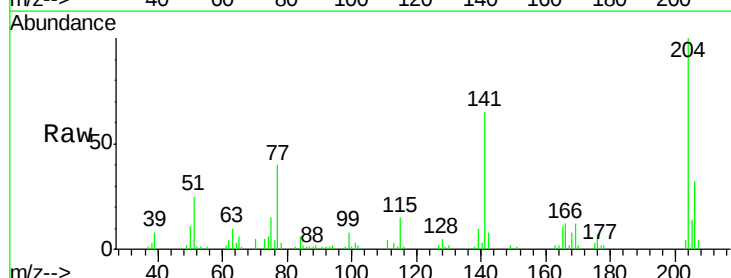
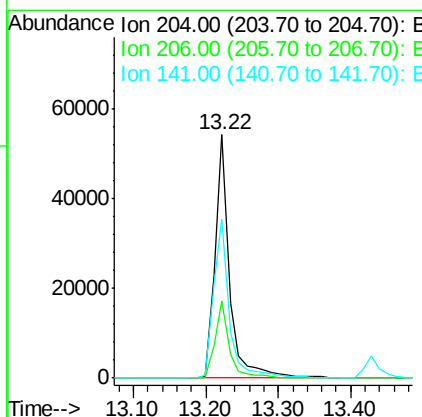
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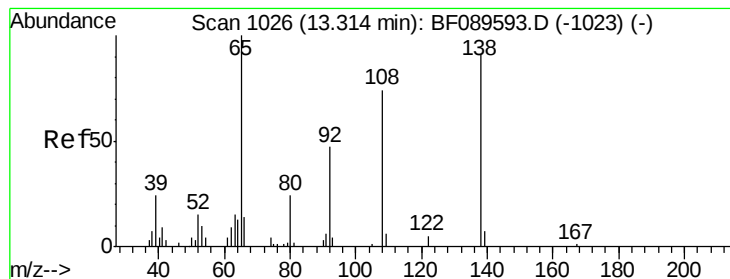
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#60
4-Chlorophenyl-phenylether
Concen: 27.13 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	75650		
206	31.9	25.0	37.4	
141	65.5	56.2	84.4	





#61

4-Nitroaniline

Concen: 24.42 ng

RT: 13.30 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

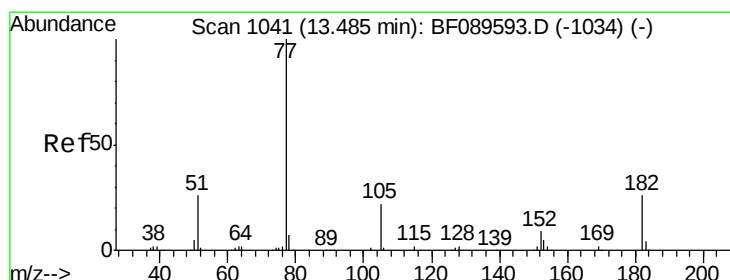
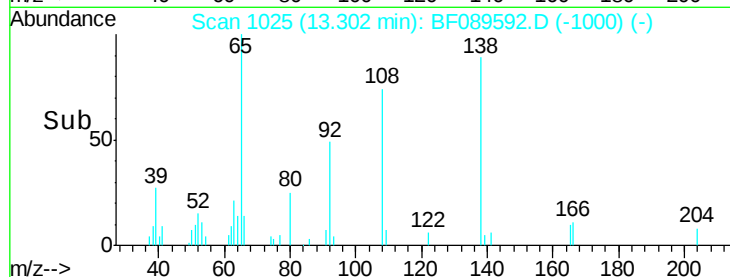
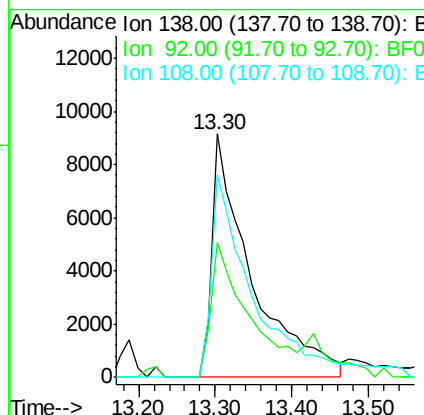
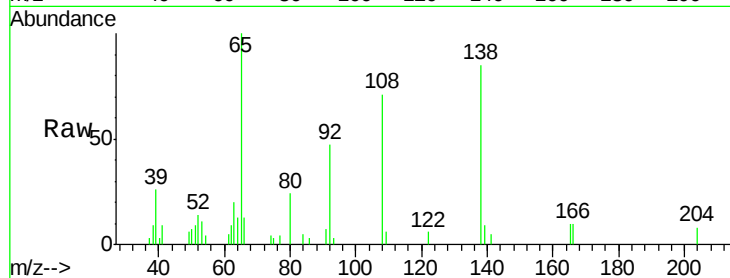
ClientSampleId :

SSTDICC025

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.5	31.6	71.6
108	83.4	61.5	101.5

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#62

Azobenzene

Concen: 23.64 ng

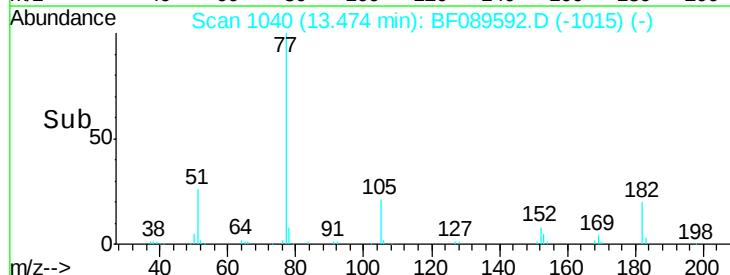
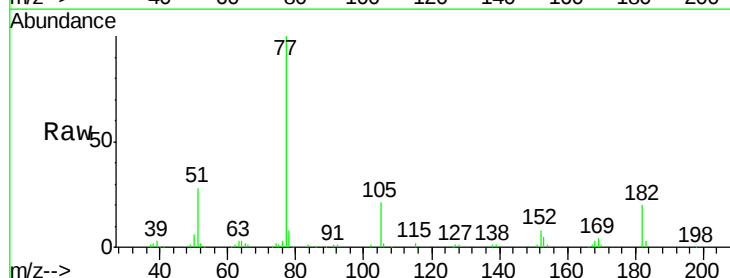
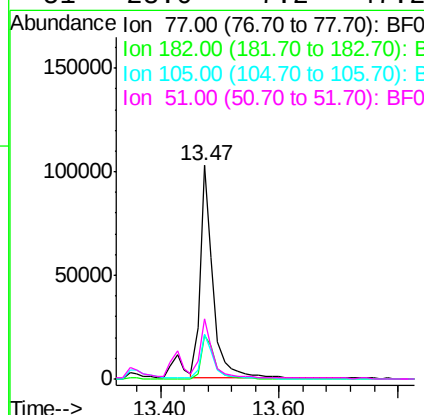
RT: 13.47 min Scan# 1040

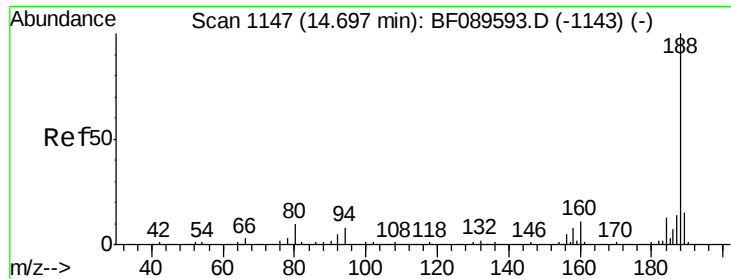
Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.2	5.8	45.8
105	20.9	2.9	42.9
51	28.0	7.2	47.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

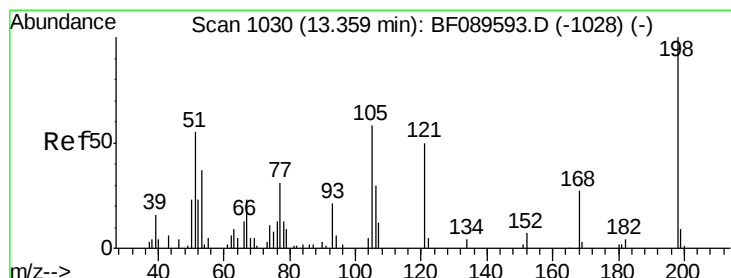
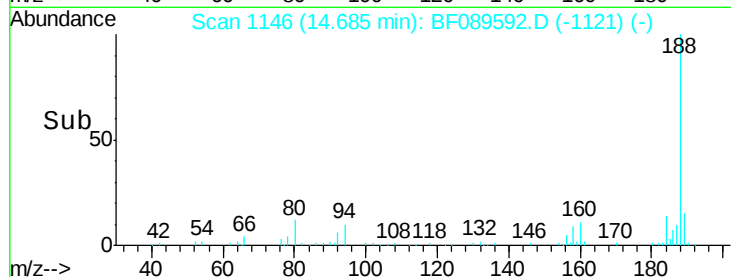
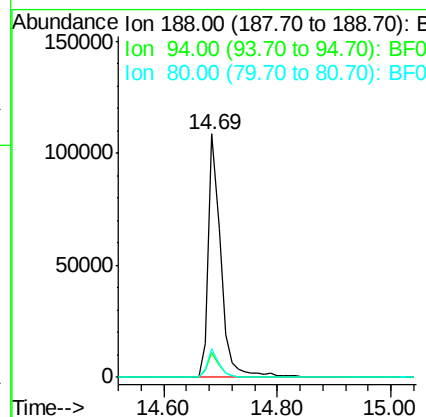
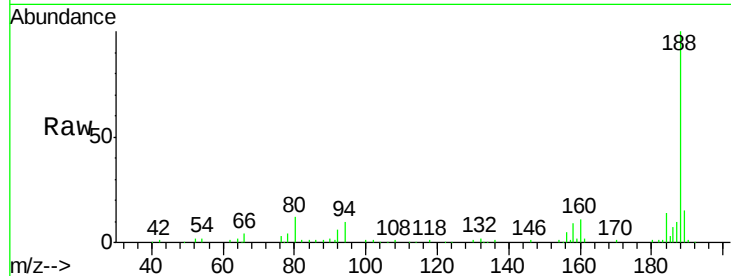
ClientSampleId :

SSTDICC025

Tot Ion:188	Resp:	160237
Ion Ratio	Lower	Upper
188	100	
94	10.2	6.5 9.7#
80	11.8	8.0 12.0

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#64

4,6-Dinitro-2-methylphenol

Concen: 23.68 ng

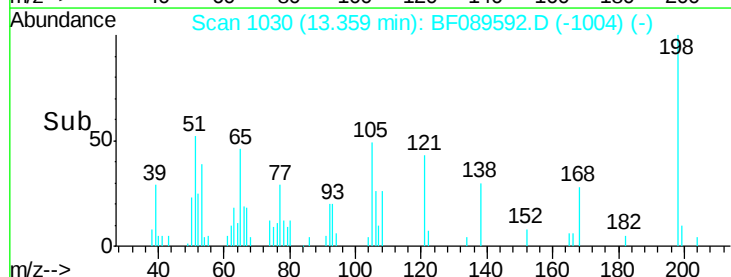
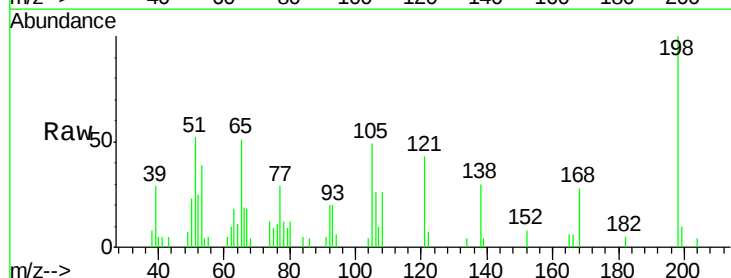
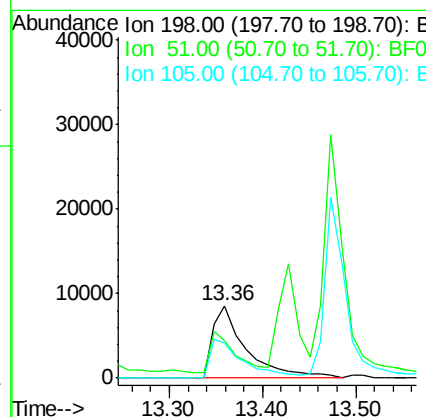
RT: 13.36 min Scan# 1030

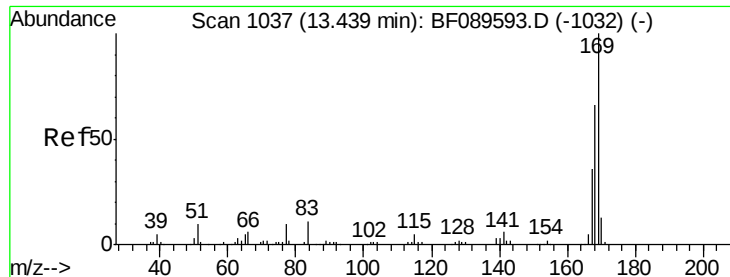
Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion:198	Resp:	21263
Ion Ratio	Lower	Upper
198	100	
51	51.8	38.9 78.9
105	49.0	38.1 78.1





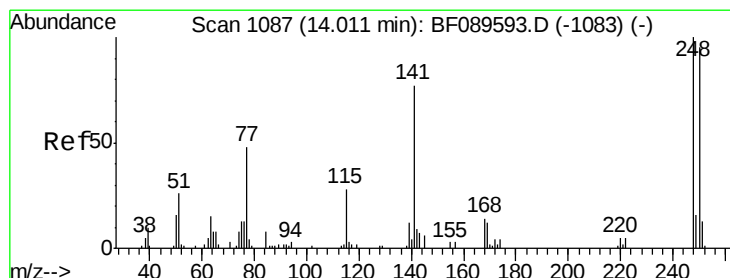
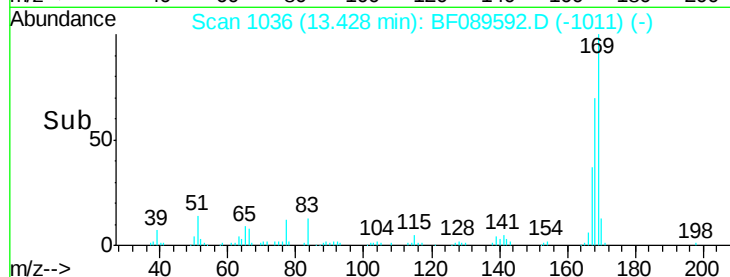
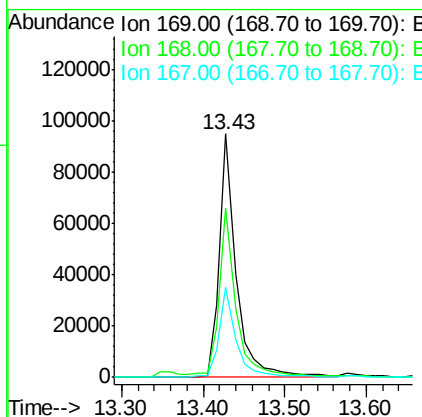
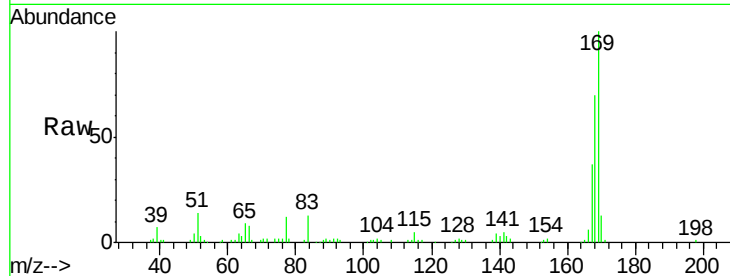
#65
n-Nitrosodiphenylamine
Concen: 25.30 ng
RT: 13.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	69.5	54.2	81.2		
167	36.9	28.9	43.3		

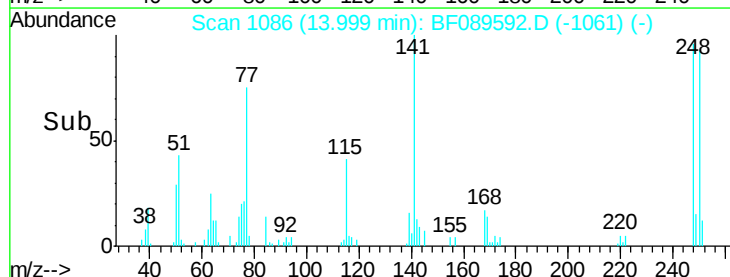
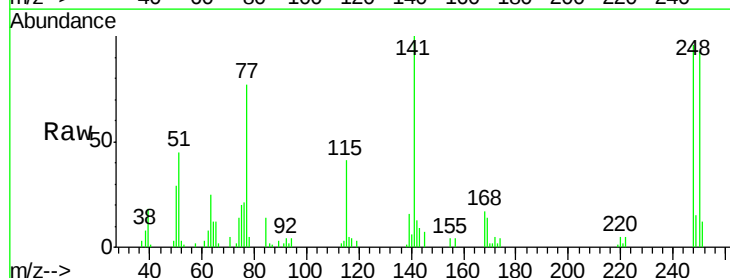
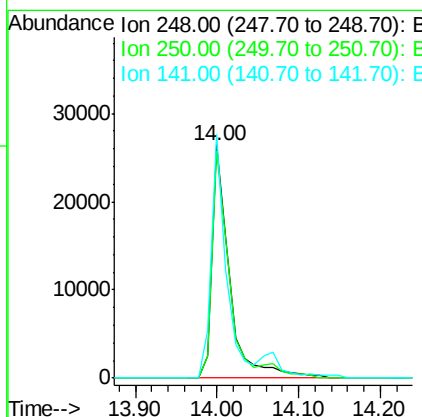
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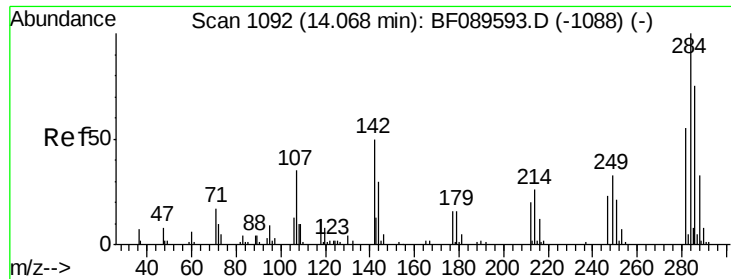
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#66
4-Bromophenyl-phenylether
Concen: 25.49 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	97.2	76.2	114.2		
141	104.4	61.3	91.9		





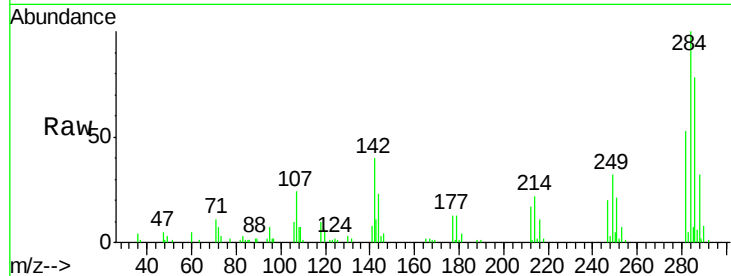
#67
Hexachlorobenzene
Concen: 25.81 ng
RT: 14.07 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

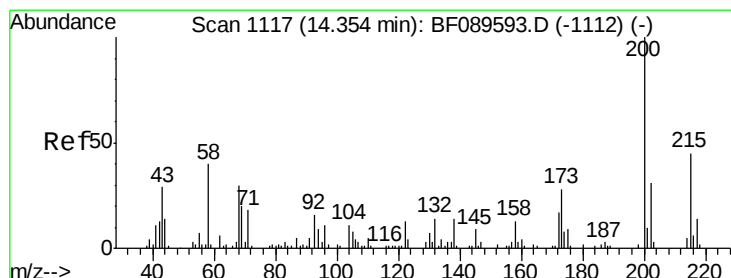
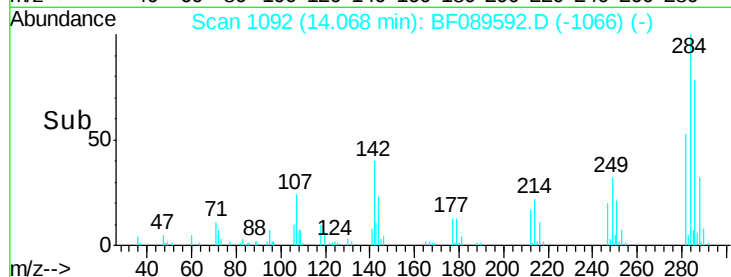
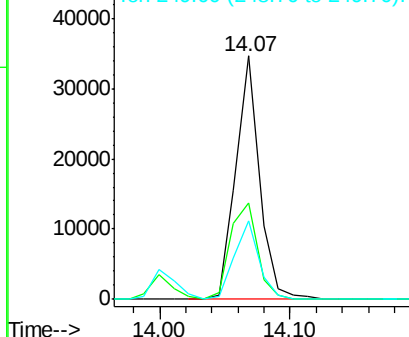
Tot Ion	Ion	Ratio	Resp	Lower	Upper
284	100		43690		
142	39.6	41.4	62.0		
249	32.4	28.6	43.0		

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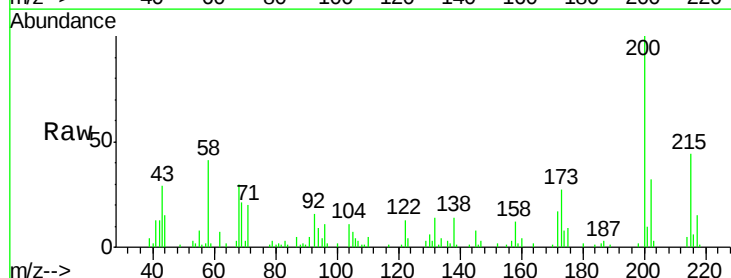


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

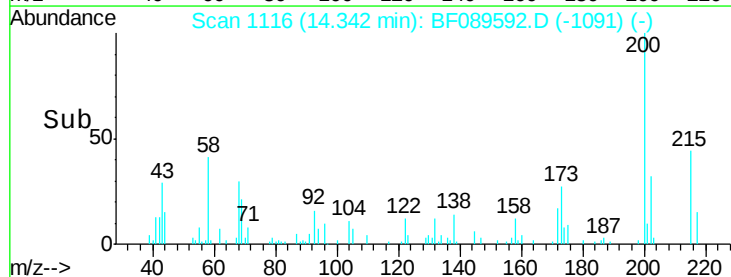
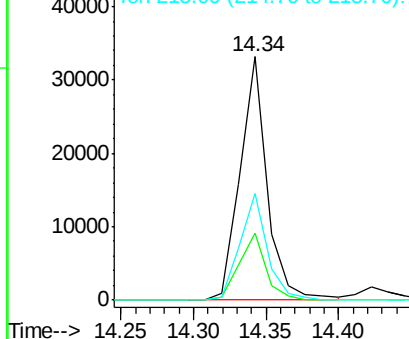


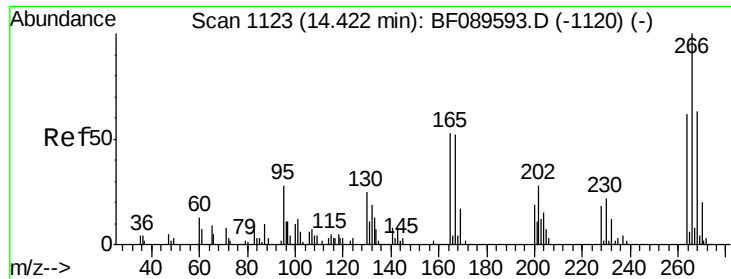
#68
Atrazine
Concen: 29.79 ng
RT: 14.34 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
200	100		42943		
173	27.4	8.2	48.2		
215	43.7	24.9	64.9		



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





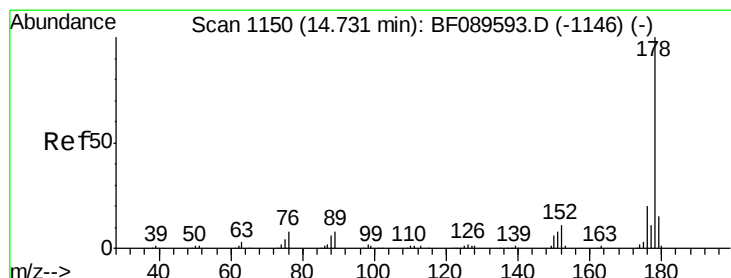
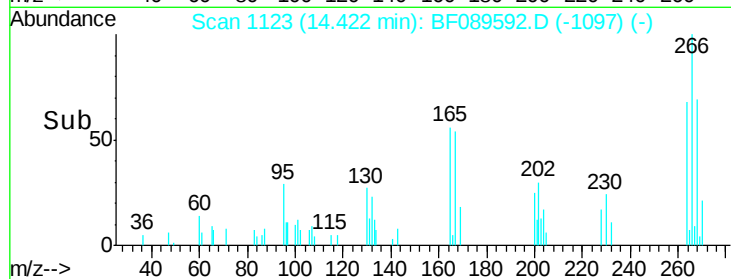
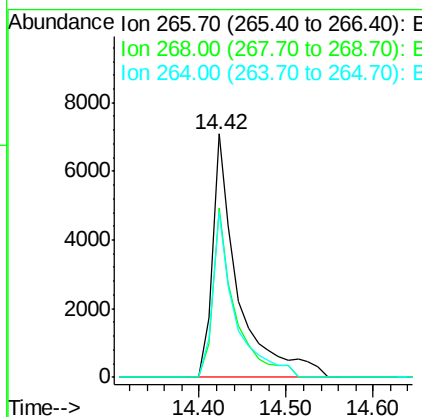
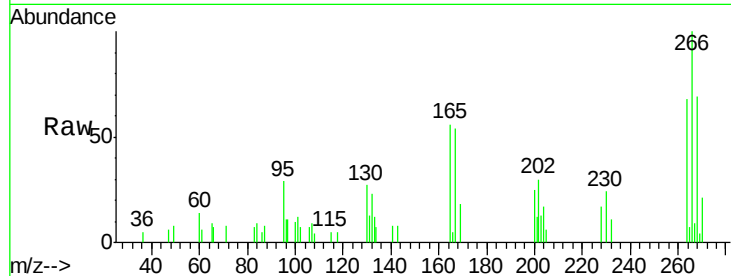
#69
 Pentachlorophenol
 Concen: 23.81 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
266	100	14365		
268	69.4	50.6	75.8	
264	67.9	49.5	74.3	

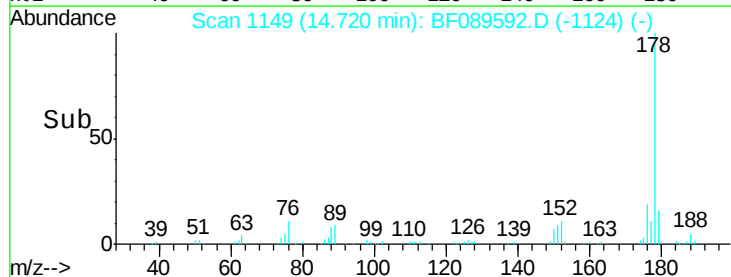
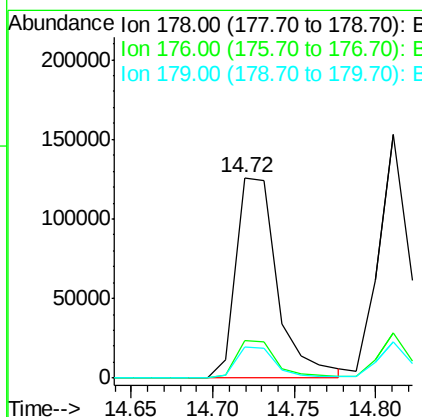
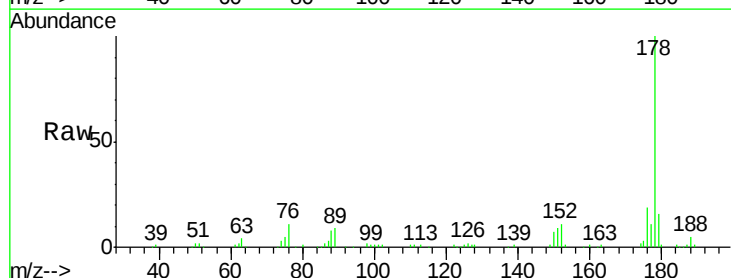
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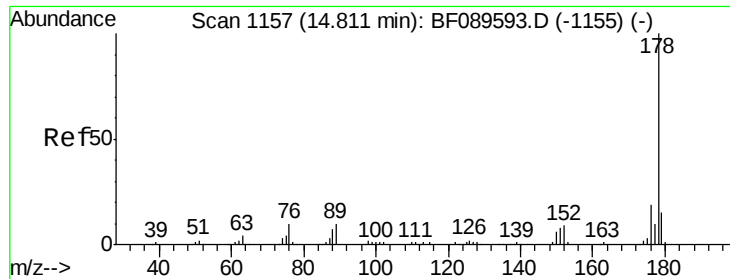
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#70
 Phenanthrene
 Concen: 25.94 ng
 RT: 14.72 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	222415		
176	18.9	15.7	23.5	
179	15.7	12.2	18.2	





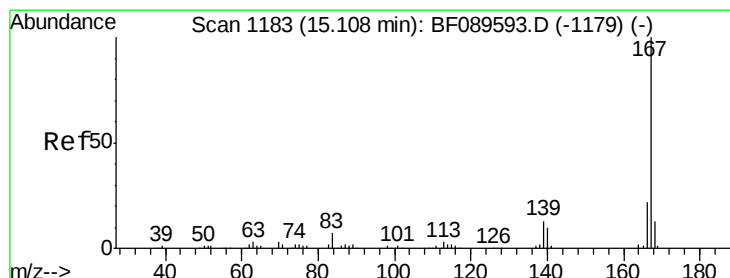
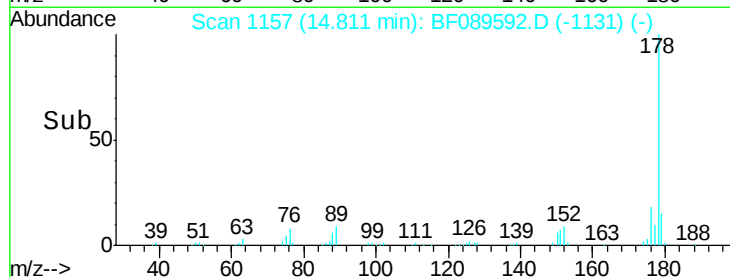
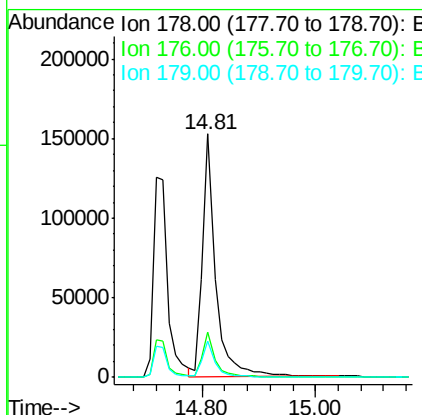
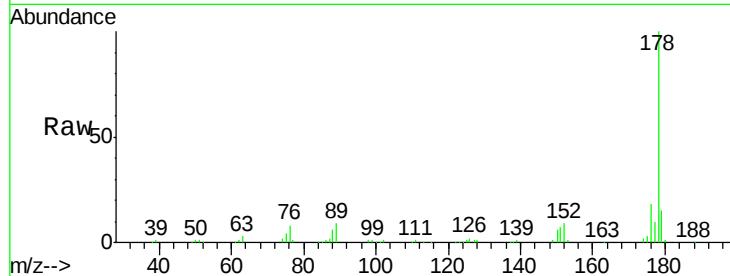
#71
 Anthracene
 Concen: 25.59 ng
 RT: 14.81 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	14.9	12.4	18.6

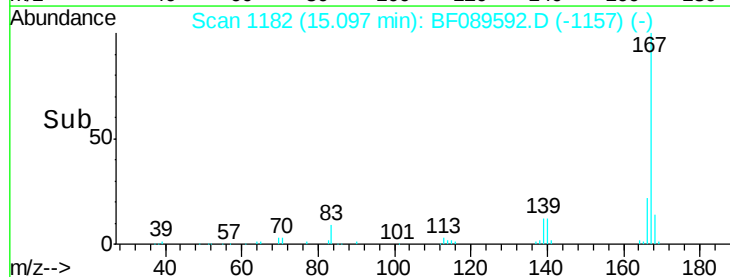
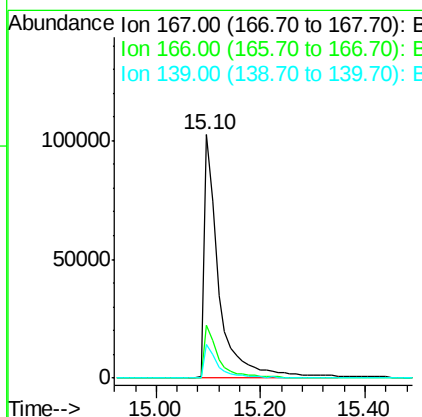
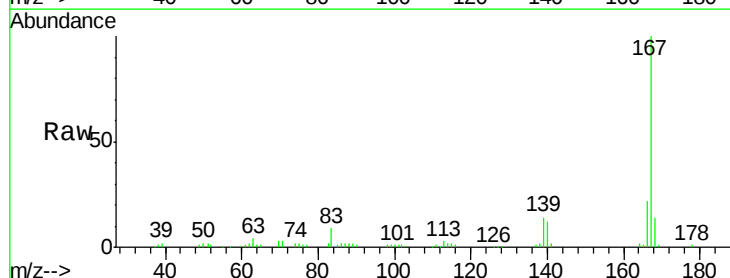
Manual Integrations
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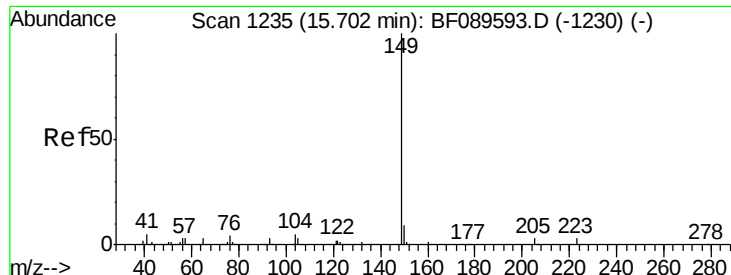
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#72
 Carbazole
 Concen: 26.73 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

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





#73

Di-n-butylphthalate

Concen: 27.42 ng

RT: 15.69 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

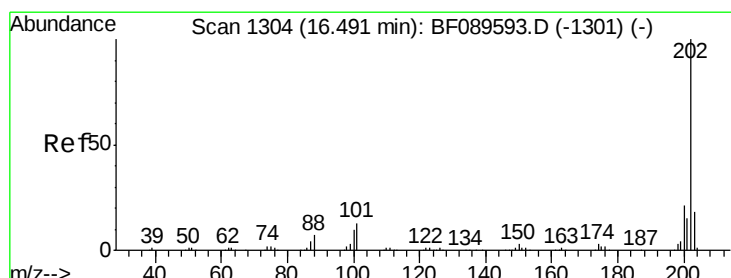
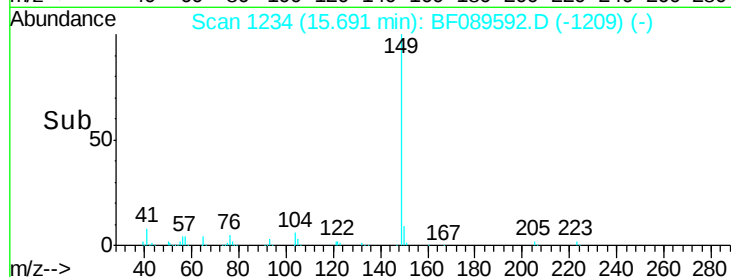
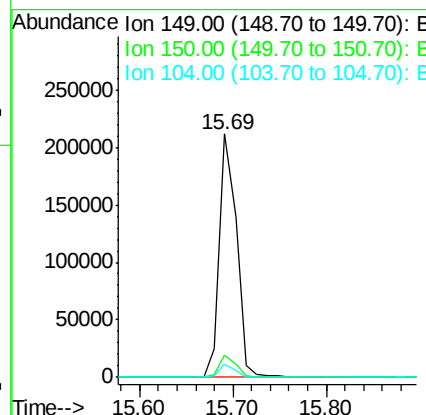
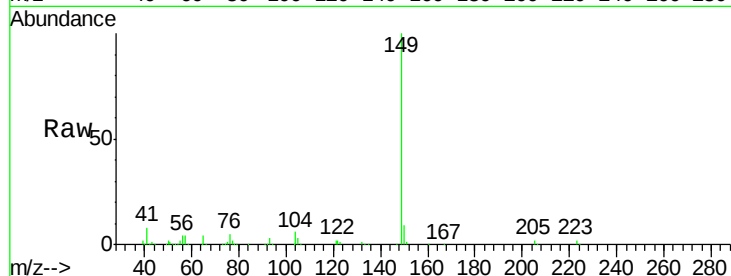
ClientSampleId :

SSTDICC025

Tot Ion:	149	Resp:	270549
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.2	10.8
104	5.5	3.8	5.8

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#74

Fluoranthene

Concen: 27.00 ng

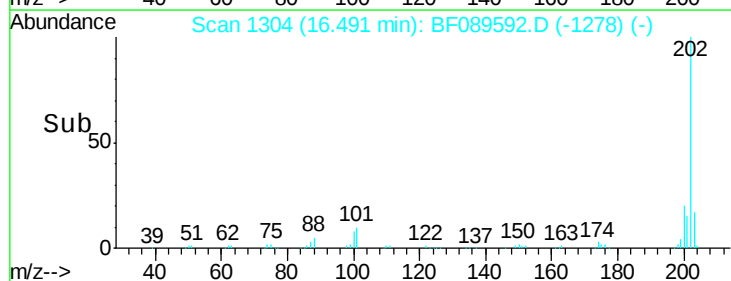
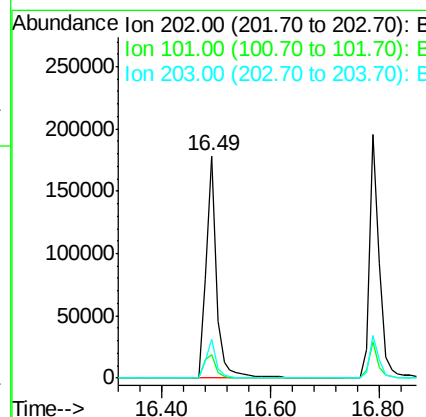
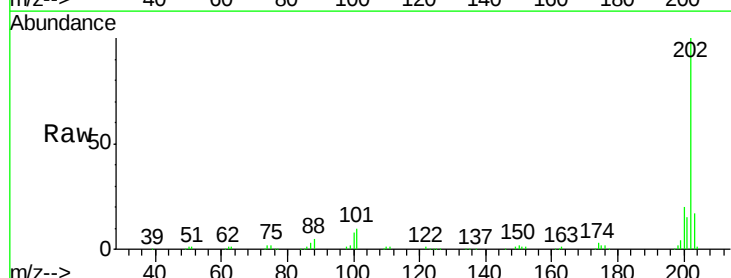
RT: 16.49 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion:	202	Resp:	236242
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	32.7
203	17.4	0.0	37.8





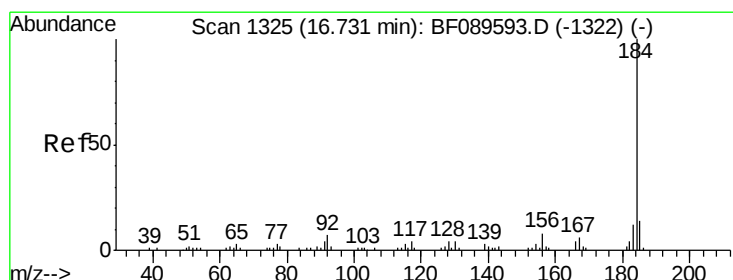
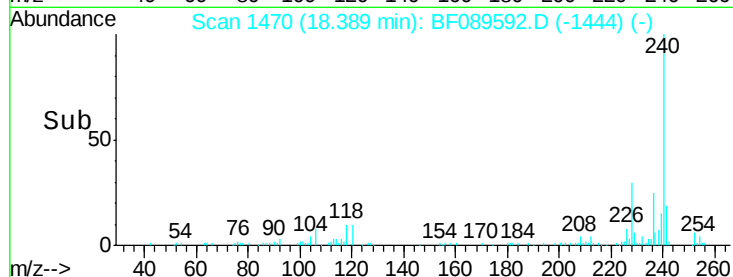
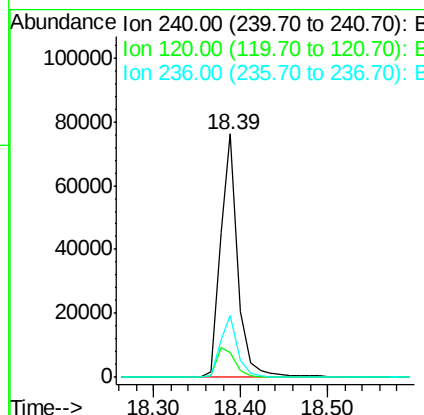
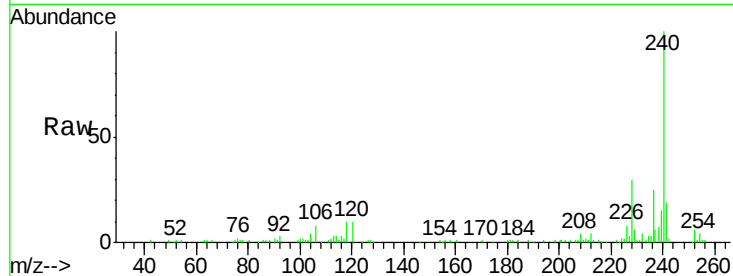
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Resp	Lower	Upper
240	100	106354		
120	10.4	10.6	15.8	
236	25.3	20.6	30.8	

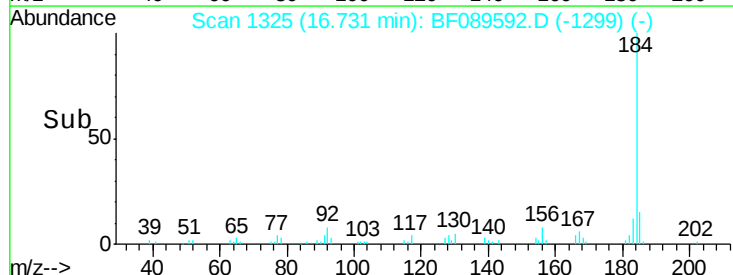
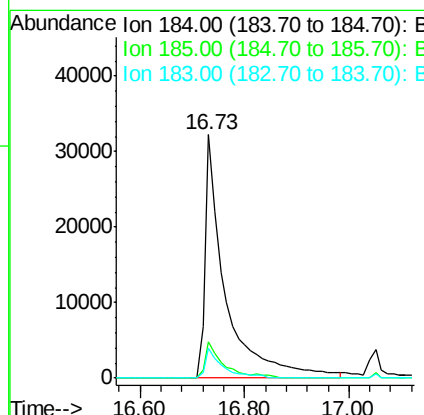
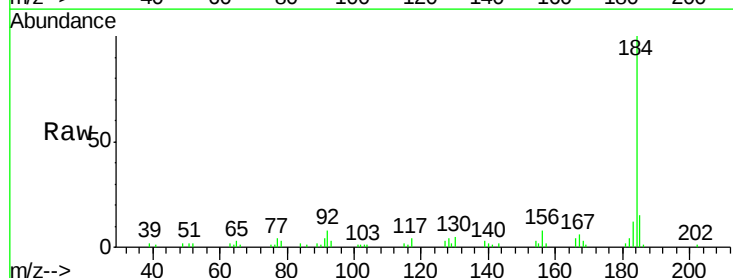
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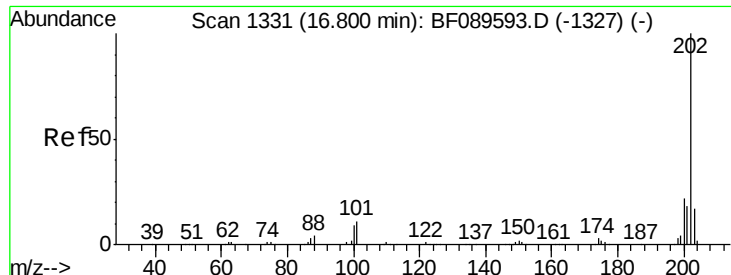
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#76
Benzidine
Concen: 29.55 ng
RT: 16.73 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	87468		
185	14.9	11.5	17.3	
183	12.5	9.8	14.8	





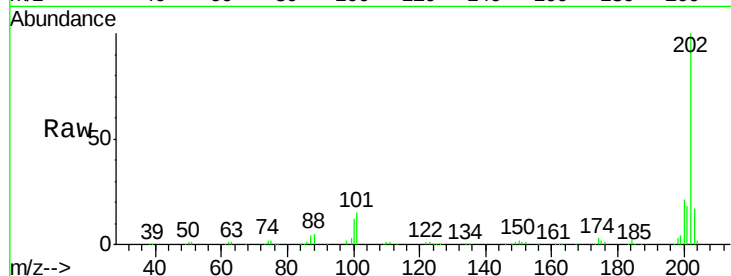
#77
Pvrene
Concen: 25.22 ng
RT: 16.79 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

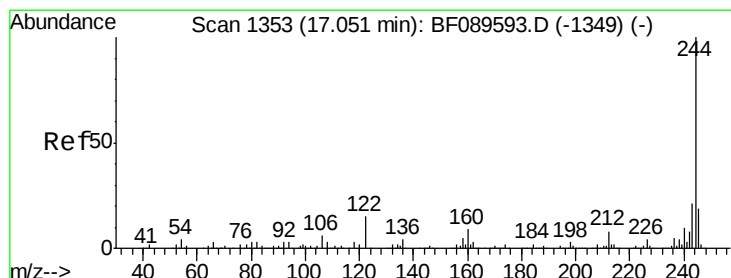
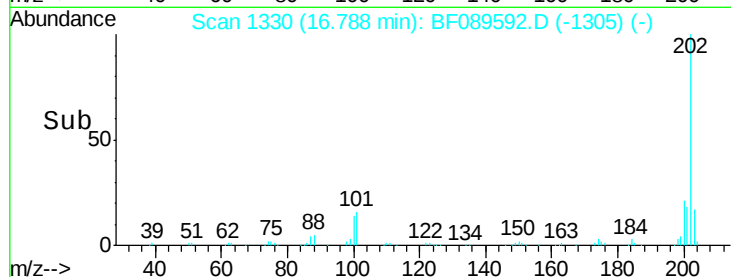
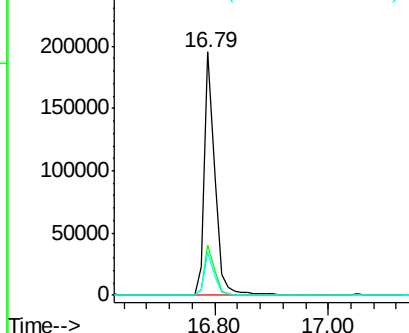
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.0
203	17.3	13.6	20.4

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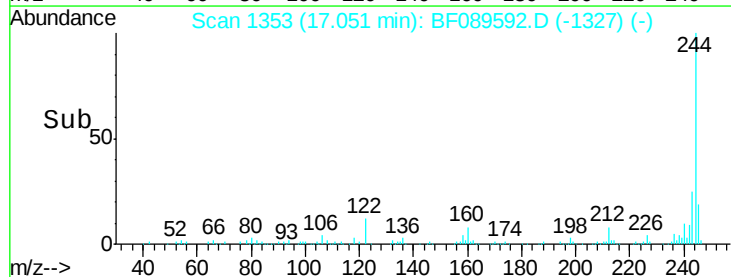
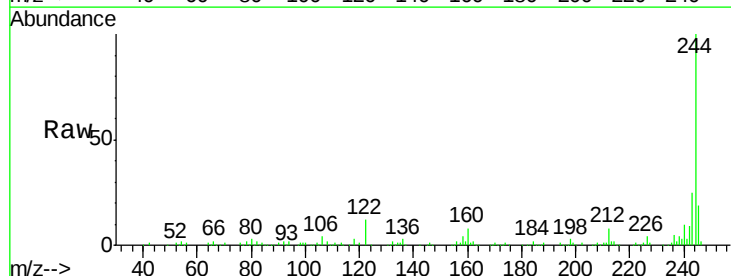
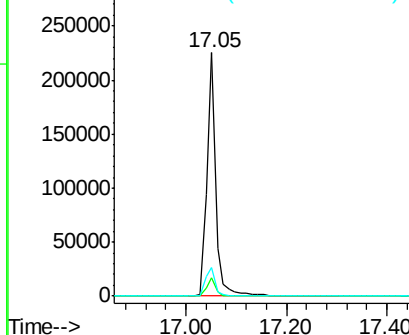
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

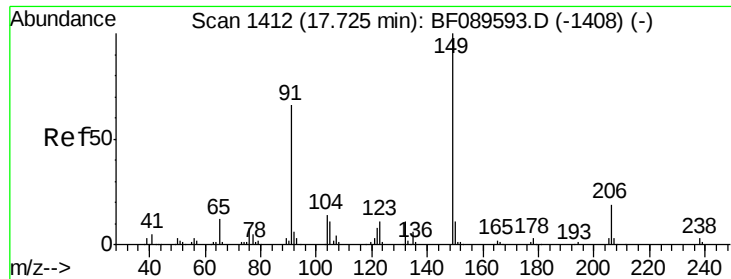


#78
Terphenyl-d14
Concen: 52.84 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	11.5	12.2	18.2#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





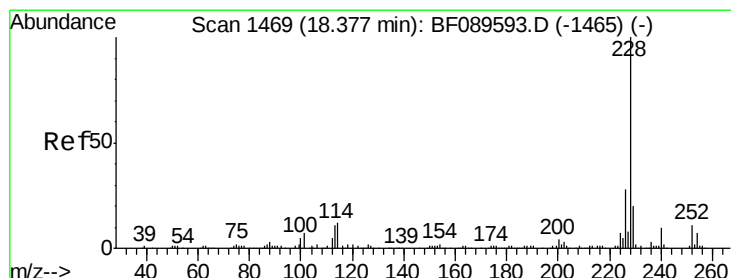
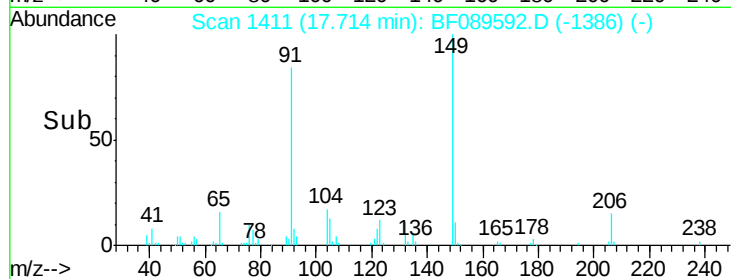
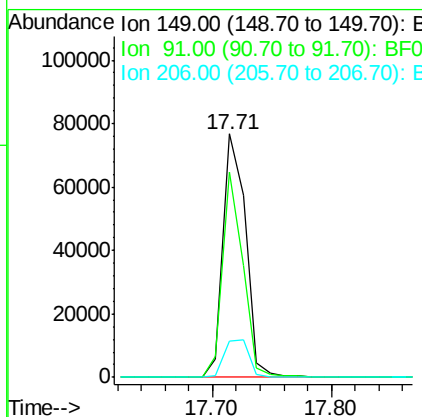
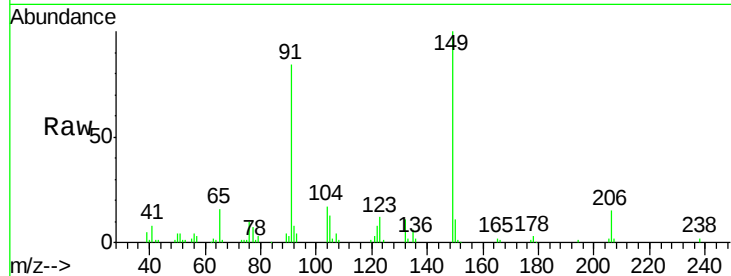
#79
Butylbenzylphthalate
Concen: 27.97 ng
RT: 17.71 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
149	100	101077		
91	84.5	52.6	78.8#	
206	15.1	15.4	23.0#	

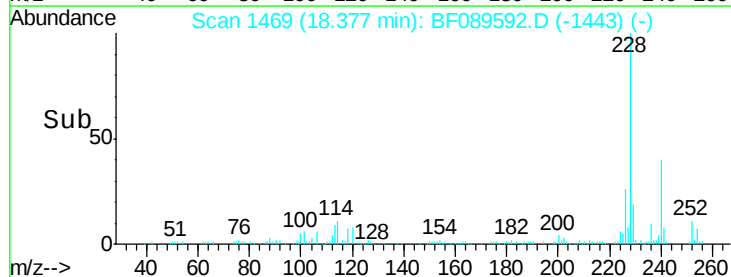
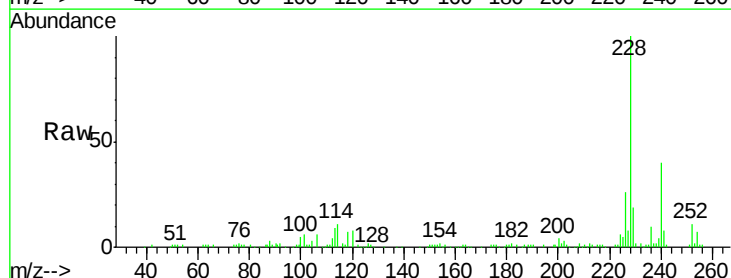
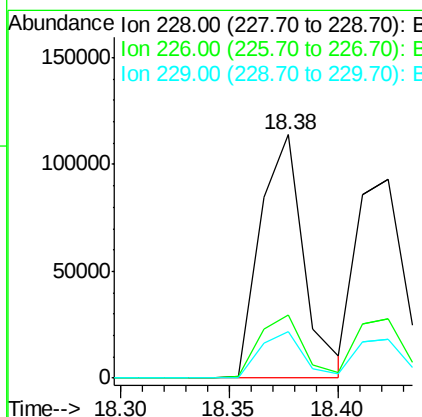
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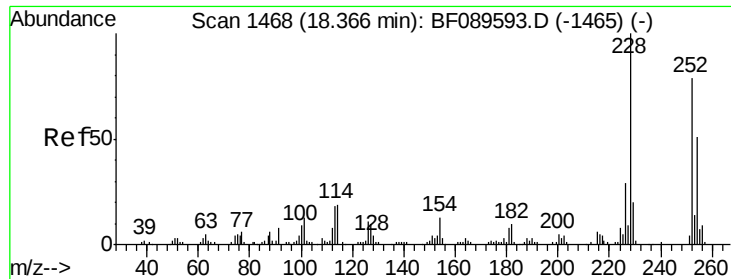
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#80
Benzo(a)anthracene
Concen: 25.95 ng
RT: 18.38 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	159831		
226	26.1	22.3	33.5	
229	19.0	15.9	23.9	





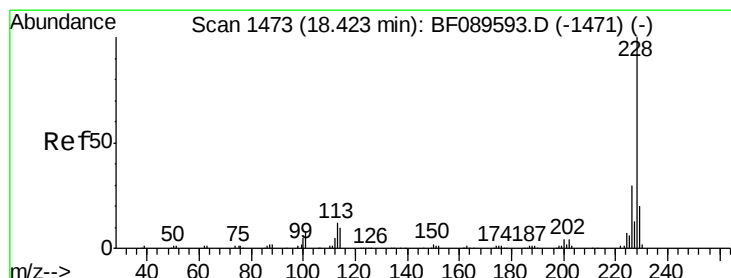
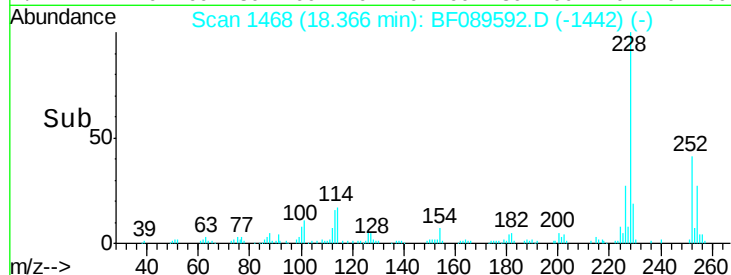
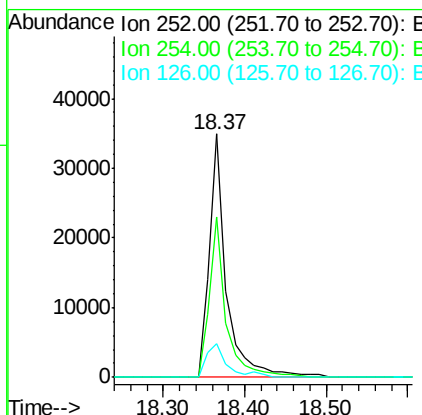
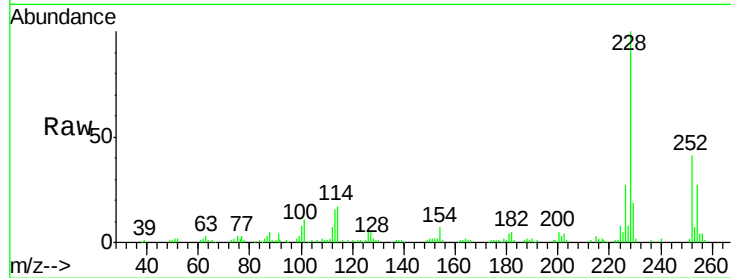
#81
 3,3'-Dichlorobenzidine
 Concen: 26.66 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.7	77.5
126	13.6	11.0	16.4

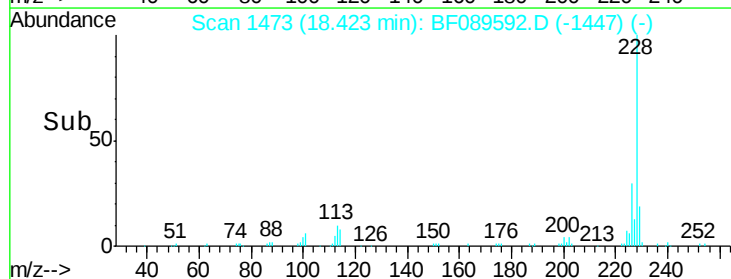
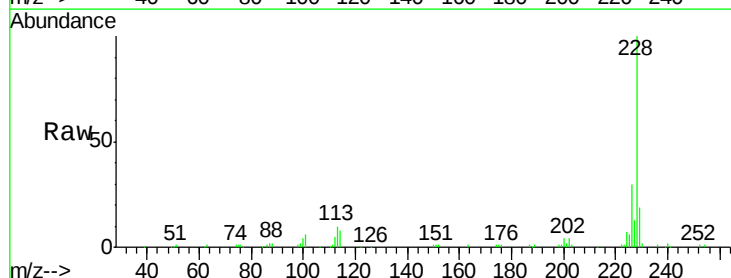
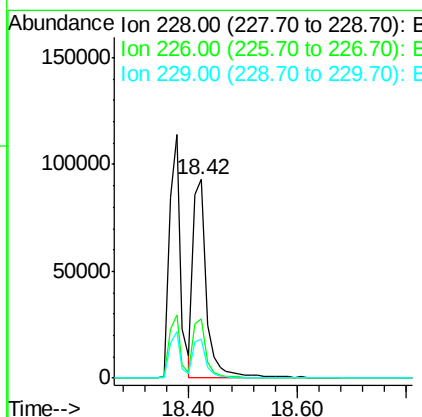
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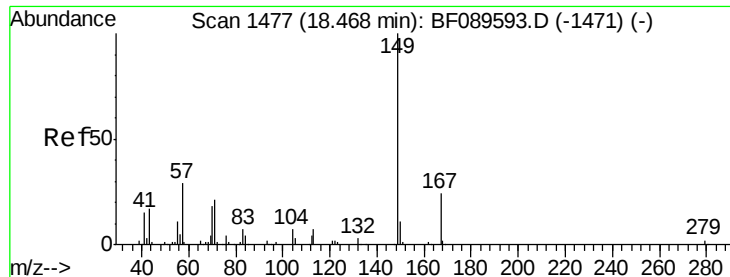
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#82
 Chrysene
 Concen: 25.00 ng
 RT: 18.42 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	19.5	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.11 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

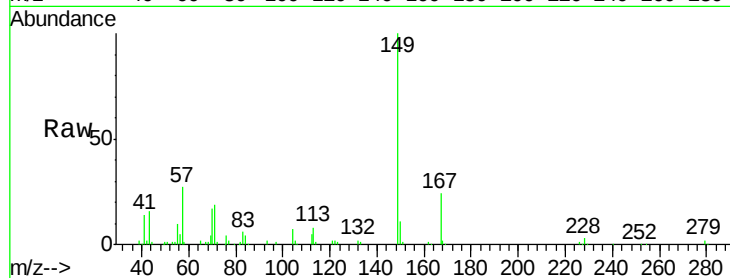
ClientSampleId :

SSTDIC025

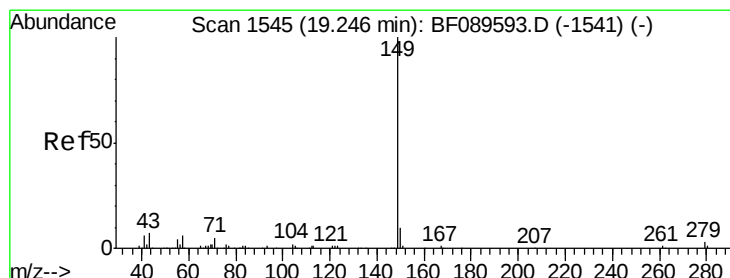
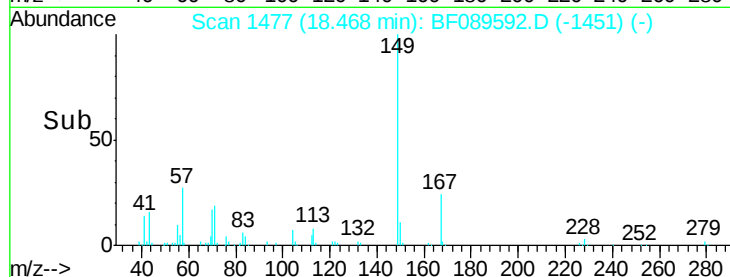
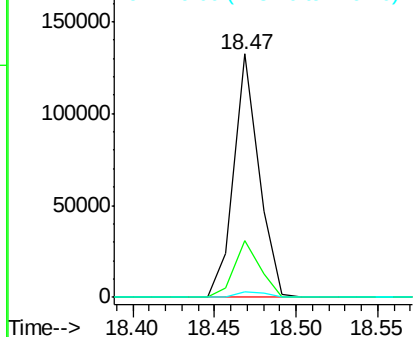
Tot Ion:	149	Resp:	141297
Ion Ratio	Lower	Upper	
149	100		
167	23.5	19.0	28.4
279	2.3	1.8	2.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 27.40 ng

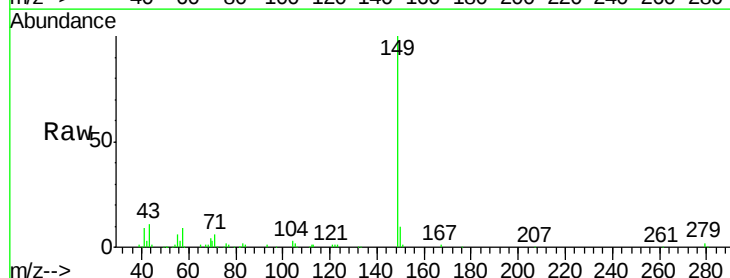
RT: 19.23 min Scan# 1544

Delta R.T. -0.01 min

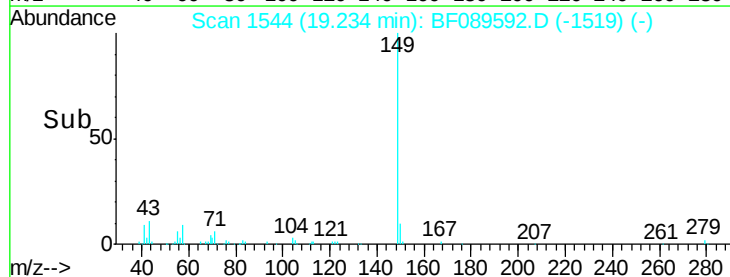
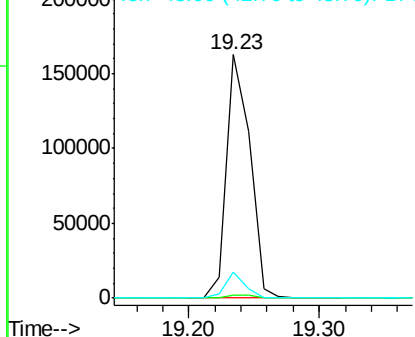
Lab File: BF089592.D

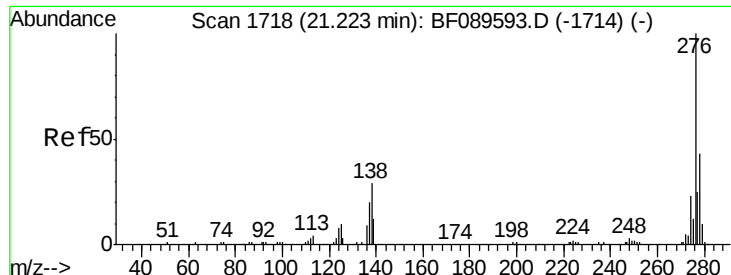
Acq: 4 Aug 2016 16:52

Tgt Ion:	149	Resp:	203505
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	9.1	7.0	10.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.49 ng

RT: 21.22 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

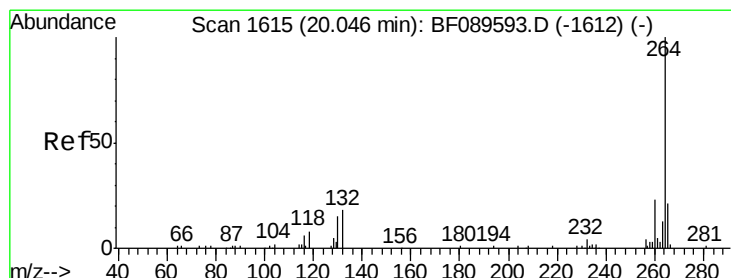
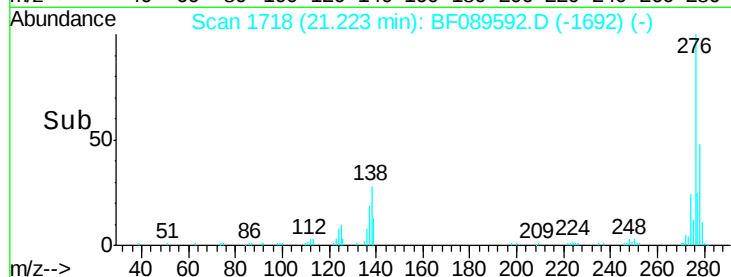
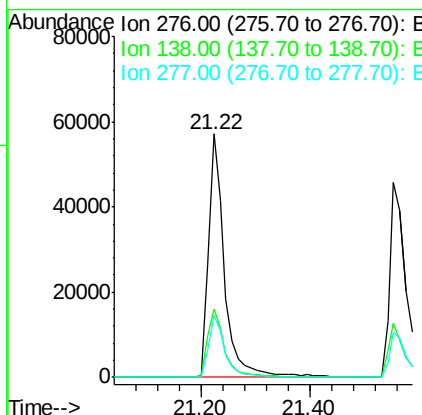
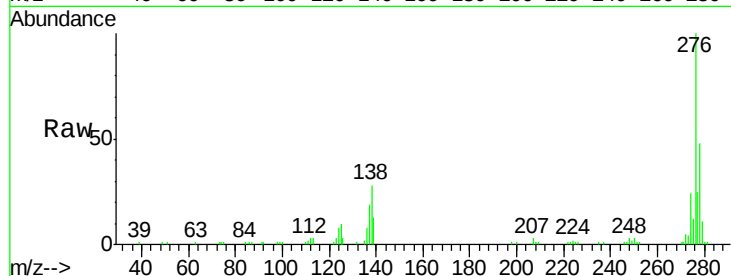
ClientSampleId :

SSTDIC025

Tot Ion:	276	Resp:	117231
Ion Ratio	Lower	Upper	
276	100		
138	29.8	23.8	35.8
277	25.1	20.3	30.5

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#86

Perylene-d12

Concen: 20.00 ng

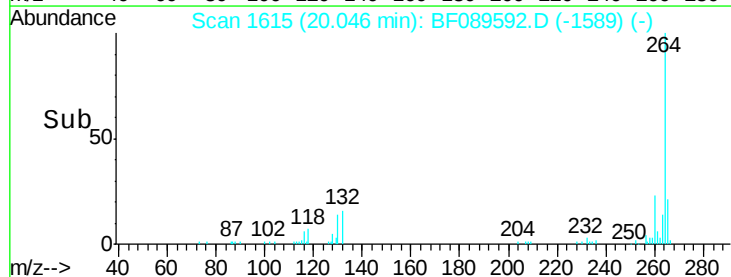
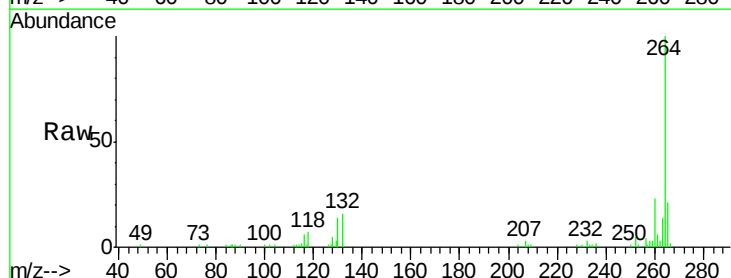
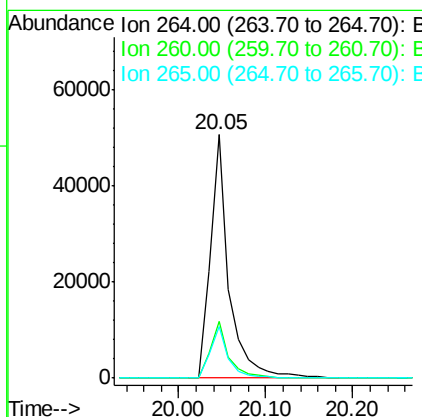
RT: 20.05 min Scan# 1615

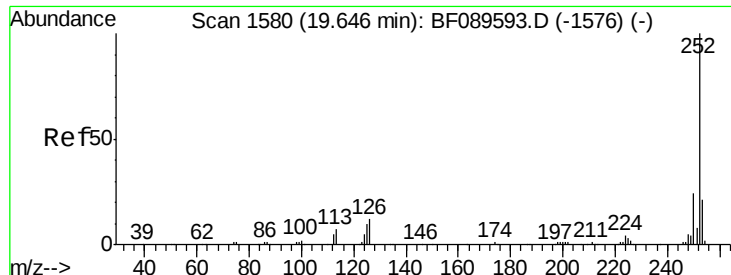
Delta R.T. 0.00 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion:	264	Resp:	75288
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.3	16.5	24.7





#87

Benzo(b)fluoranthene

Concen: 27.33 ng

RT: 19.63 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Instrument :

BNA_F

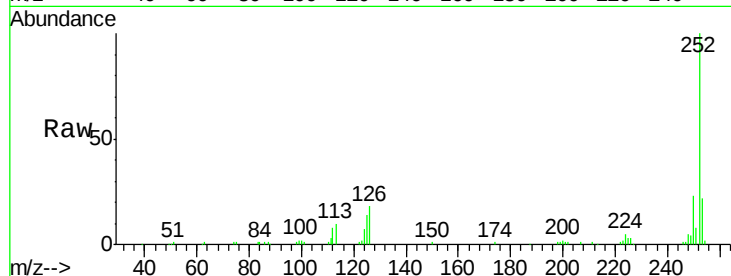
ClientSampleId :

SSTDIC025

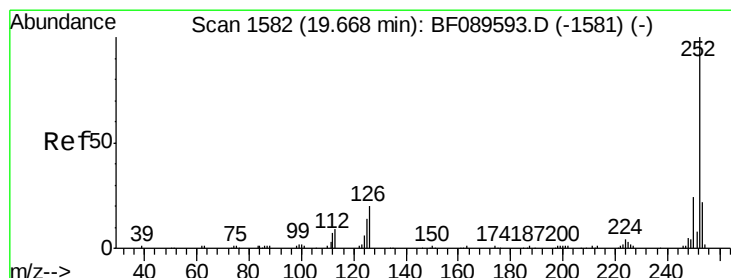
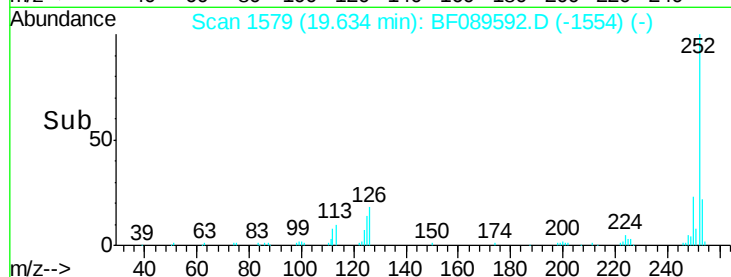
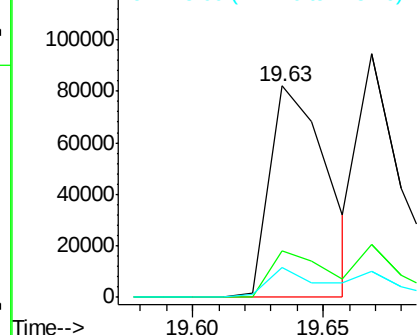
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	14.0	7.8	11.8

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



#88

Benzo(k)fluoranthene

Concen: 25.49 ng m

RT: 19.67 min Scan# 1582

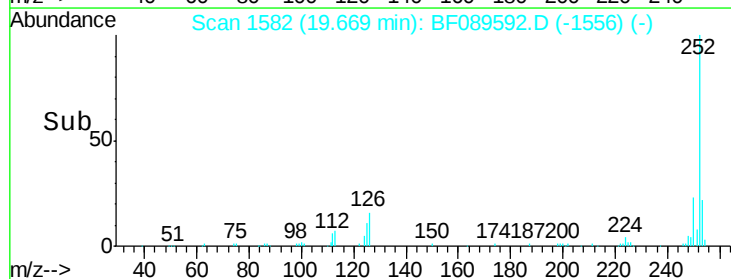
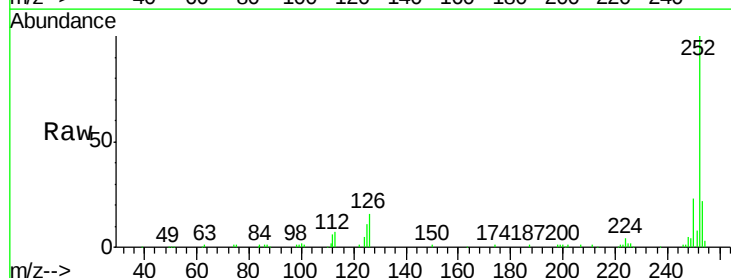
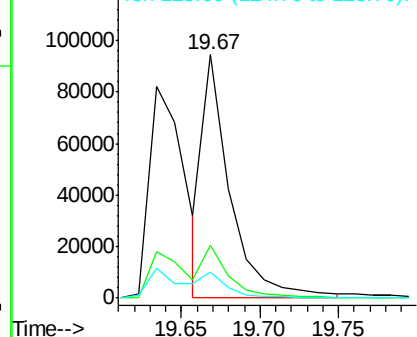
Delta R.T. 0.00 min

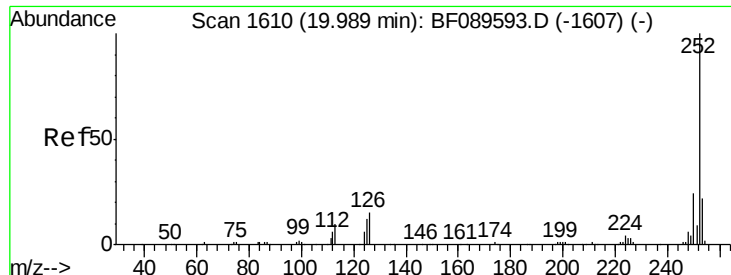
Lab File: BF089592.D

Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	10.9	11.0	16.6

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





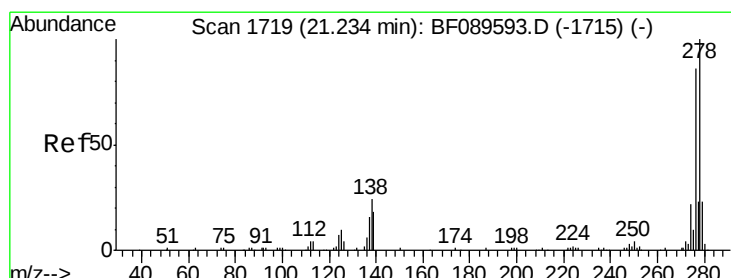
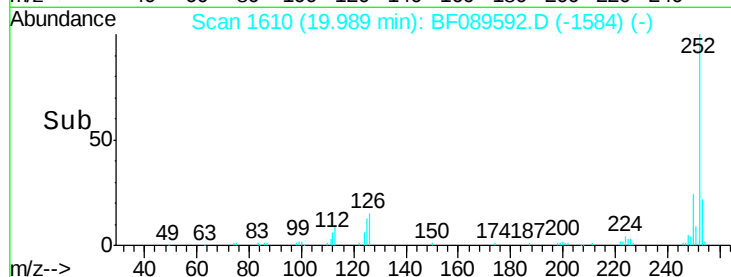
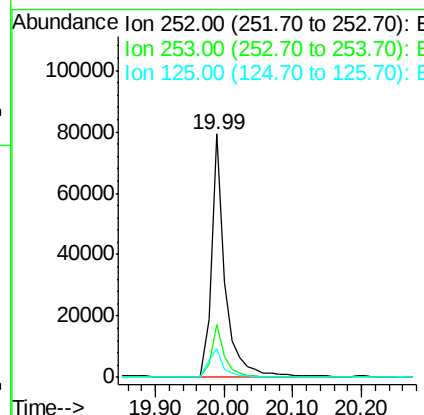
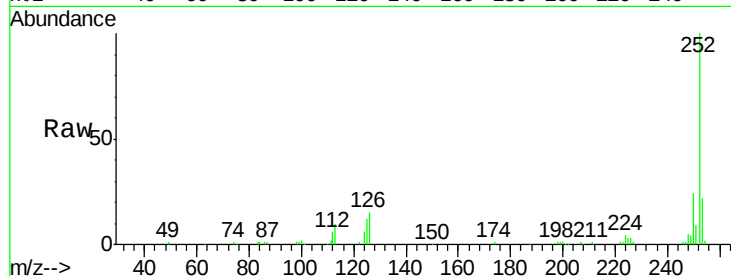
#89
Benzo(a)pyrene
Concen: 25.88 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.8	9.9	14.9

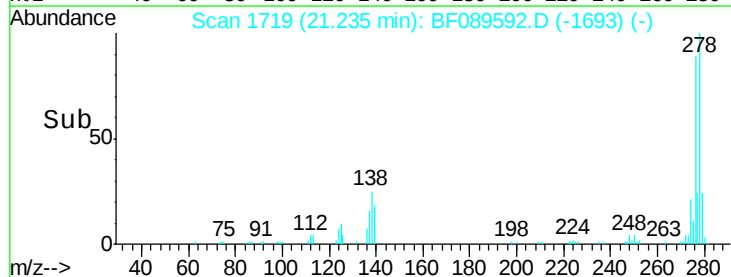
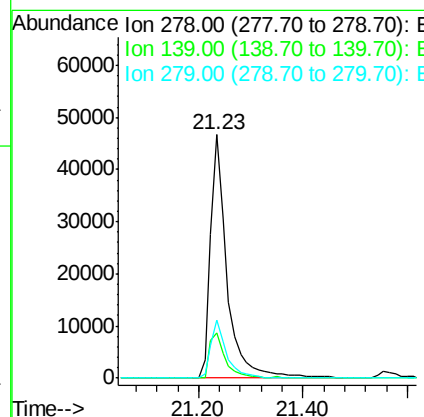
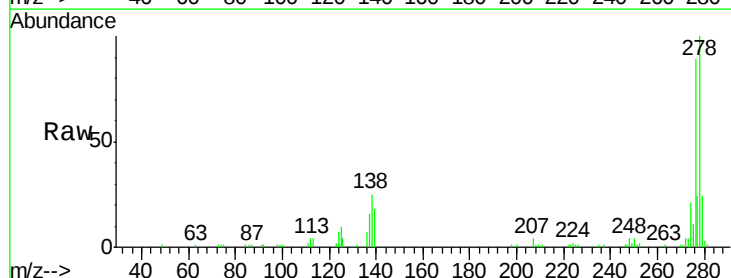
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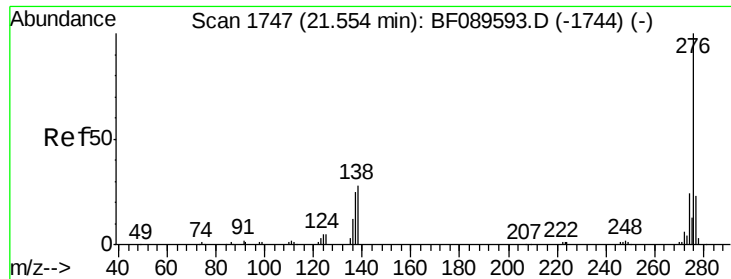
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#90
Dibenzo(a,h)anthracene
Concen: 25.79 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BF089592.D
Acq: 4 Aug 2016 16:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.6	21.8
279	24.1	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 25.15 ng
 RT: 21.55 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BF089592.D
 Acq: 4 Aug 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	276	Resp:	104508
Ion Ratio		Lower	Upper
276	100		
277	23.4	18.6	28.0
138	27.6	22.6	33.8

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