

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072616\
 Data File : BF089313.D
 Acq On : 26 Jul 2016 18:35
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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 7/27/2016 7:12:03 PM

Quant Time: Jul 27 03:36:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	42267	20.00	ng	-0.02
21) Naphthalene-d8	7.83	136	176896	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	86667	20.00	ng	-0.02
63) Phenanthrene-d10	11.05	188	158735	20.00	ng	-0.02
75) Chrysene-d12	13.67	240	119894	20.00	ng	-0.02
86) Perylene-d12	15.01	264	89646	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	216671	77.96	ng	-0.02
7) Phenol-d6	6.20	99	287633	80.26	ng	-0.02
23) Nitrobenzene-d5	7.12	82	265292	79.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	59808	76.65	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	511682	81.35	ng	-0.02
78) Terphenyl-d14	12.63	244	409794	74.14	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.95	88	49833	41.30	ng	98
3) Pyridine	2.56	79	120233	39.22	ng	95
4) n-Nitrosodimethylamine	2.54	42	43262	33.53	ng	100
6) Aniline	6.20	93	178018	36.76	ng	100
8) 2-Chlorophenol	6.33	128	127733	41.42	ng	96
9) Benzaldehyde	6.09	77	77436	41.47	ng	99
10) Phenol	6.22	94	172898	41.87	ng	84
11) bis(2-Chloroethyl)ether	6.30	93	129421	41.74	ng	98
12) 1,3-Dichlorobenzene	6.48	146	132529	38.92	ng	97
13) 1,4-Dichlorobenzene	6.56	146	145102	42.31	ng	96
14) 1,2-Dichlorobenzene	6.72	146	128011	39.59	ng	96
15) Benzyl Alcohol	6.71	79	95694	36.46	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.83	45	145284	41.12	ng	# 71
17) 2-Methylphenol	6.83	107	88933	36.61	ng	94
18) Hexachloroethane	7.05	117	53380	41.41	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	89339	38.11	ng	98
20) 3+4-Methylphenols	6.98	107	124843	37.86	ng	# 80
22) Acetophenone	6.97	105	185570	39.28	ng	# 99
24) Nitrobenzene	7.14	77	135489	38.59	ng	98
25) Isophorone	7.38	82	238075	38.80	ng	100
26) 2-Nitrophenol	7.45	139	62769	38.33	ng	95
27) 2,4-Dimethylphenol	7.51	122	101324	36.72	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	157532	41.05	ng	99
29) 2,4-Dichlorophenol	7.70	162	102326	41.15	ng	96
30) 1,2,4-Trichlorobenzene	7.78	180	108587	39.45	ng	99
31) Naphthalene	7.85	128	359896	37.70	ng	100
32) Benzoic acid	7.67	122	82370	38.82	ng	95
33) 4-Chloroaniline	7.92	127	148922	37.09	ng	98
34) Hexachlorobutadiene	7.98	225	64392	42.03	ng	96
35) Caprolactam	8.30	113	30361	39.32	ng	# 88
36) 4-Chloro-3-methylphenol	8.41	107	120745	40.30	ng	97
37) 2-Methylnaphthalene	8.55	142	224907	36.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	118912	36.92	ng	99
40) Hexachlorocyclopentadiene	8.70	237	38318	40.23	ng	98

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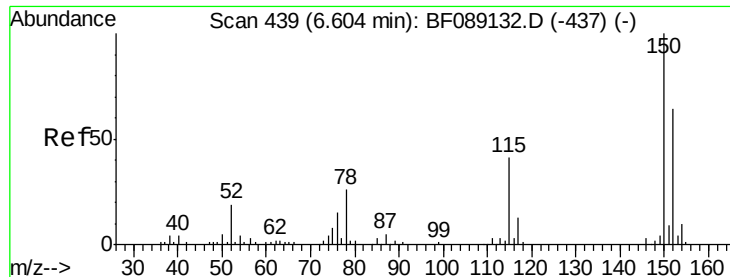
Manual Integrations
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 7/27/2016 7:12:03 PM

Quant Time: Jul 27 03:36:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	61667	34.20	nq	98
43) 2,4,5-Trichlorophenol	8.88	196	70065	38.71	nq	99
45) 1,1'-Biphenyl	9.00	154	284528	36.45	nq	99
46) 2-Chloronaphthalene	9.03	162	229038	38.62	nq	99
47) 2-Nitroaniline	9.13	65	72752	35.76	nq	# 84
48) Acenaphthylene	9.44	152	373003	40.00	nq	99
49) Dimethylphthalate	9.32	163	260073	39.11	nq	100
50) 2,6-Dinitrotoluene	9.38	165	58601	39.03	nq	93
51) Acenaphthene	9.61	154	217224	39.38	nq	99
52) 3-Nitroaniline	9.55	138	64103	35.95	nq	92
53) 2,4-Dinitrophenol	9.67	184	20976	33.00	nq	92
54) Dibenzofuran	9.78	168	291341	39.09	nq	99
55) 4-Nitrophenol	9.74	139	38076	35.29	nq	95
56) 2,4-Dinitrotoluene	9.78	165	71897	37.17	nq	92
57) Fluorene	10.12	166	244029	38.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	52840	40.65	nq	# 93
59) Diethylphthalate	10.01	149	243236	36.89	nq	98
60) 4-Chlorophenyl-phenylether	10.12	204	105489	36.52	nq	97
61) 4-Nitroaniline	10.16	138	63177	36.41	nq	97
62) Azobenzene	10.27	77	266410	37.17	nq	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	37566	40.65	nq	85
65) n-Nitrosodiphenylamine	10.24	169	211307	39.83	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	67508	42.98	nq	92
67) Hexachlorobenzene	10.66	284	63449	37.55	nq	# 59
68) Atrazine	10.78	200	63748	38.43	nq	98
69) Pentachlorophenol	10.87	266	33382	42.83	nq	99
70) Phenanthrene	11.07	178	354120	40.67	nq	99
71) Anthracene	11.12	178	359947	39.77	nq	99
72) Carbazole	11.29	167	317413	39.93	nq	99
73) Di-n-butylphthalate	11.62	149	388484	39.51	nq	100
74) Fluoranthene	12.25	202	380132	41.53	nq	95
76) Benzidine	12.39	184	174818	42.41	nq	99
77) Pyrene	12.47	202	361235	36.48	nq	99
79) Butylbenzylphthalate	13.11	149	171494	40.94	nq	95
80) Benzo(a)anthracene	13.66	228	278651	36.49	nq	99
81) 3,3'-Dichlorobenzidine	13.63	252	95693	37.78	nq	# 97
82) Chrysene	13.69	228	260456	35.71	nq	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	226747	40.81	nq	100
84) Di-n-octyl phthalate	14.27	149	377680	41.20	nq	99
85) Indeno(1,2,3-cd)pyrene	16.21	276	185823	35.08	nq	99
87) Benzo(b)fluoranthene	14.65	252	217405m	33.48	nq	
88) Benzo(k)fluoranthene	14.67	252	231698m	49.90	nq	
89) Benzo(a)pyrene	14.95	252	207271	41.12	nq	99
90) Dibenzo(a,h)anthracene	16.21	278	163577	41.10	nq	# 92
91) Benzo(g,h,i)perylene	16.56	276	162623	40.53	nq	99

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



#1

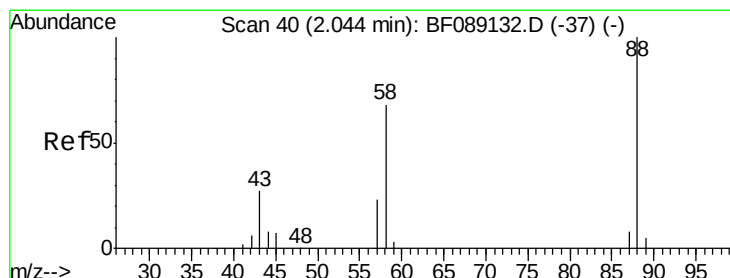
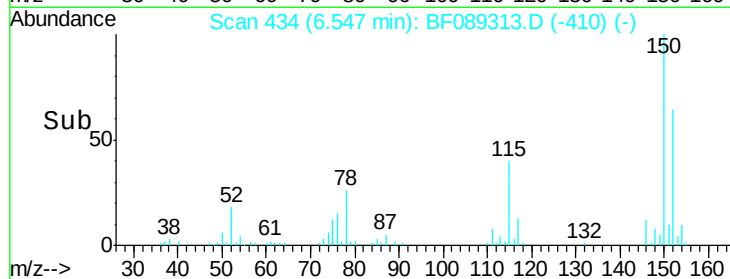
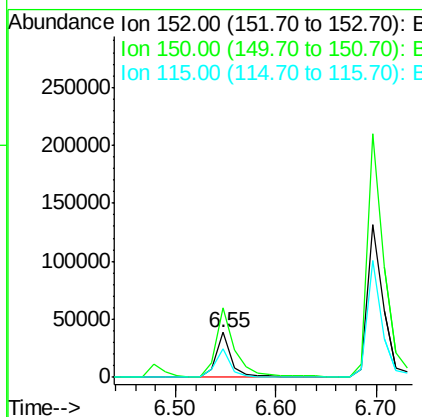
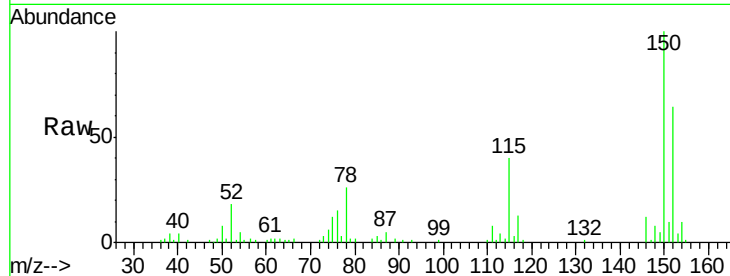
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.1	187.7
115	62.6	51.1	76.7

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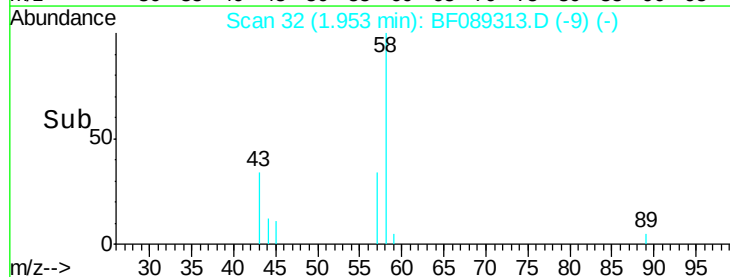
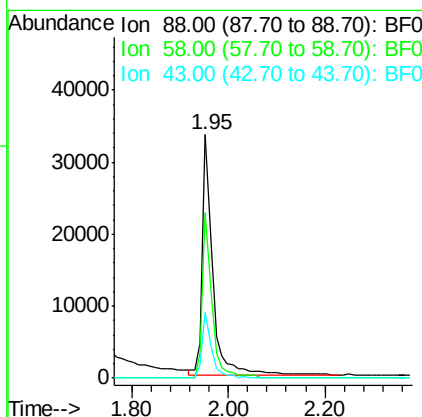
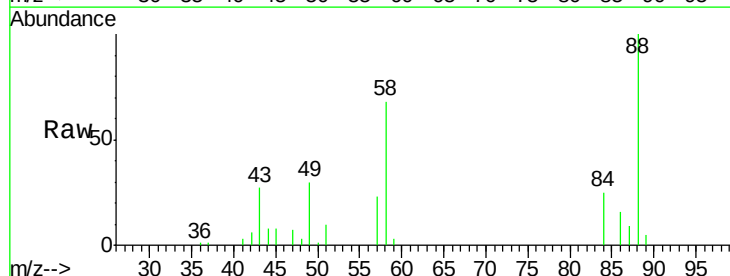
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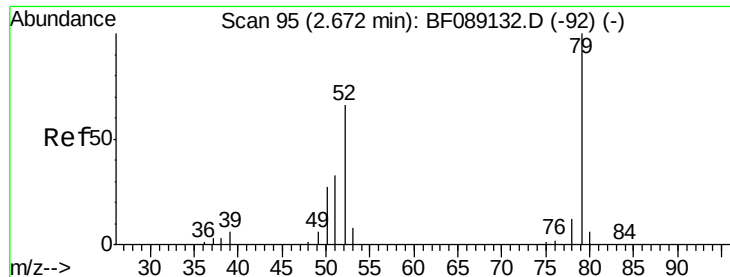


#2

1,4-Dioxane
Concen: 41.30 ng
RT: 1.95 min Scan# 32
Delta R.T. -0.03 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.3	49.2	73.8
43	25.1	20.6	30.8





#3

Pvridine

Concen: 39.22 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.05 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

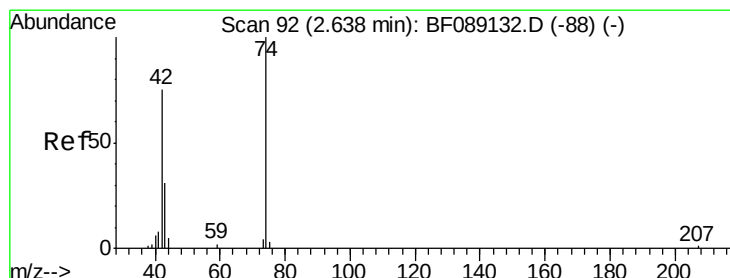
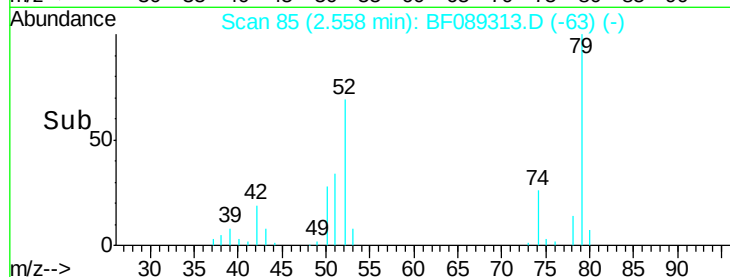
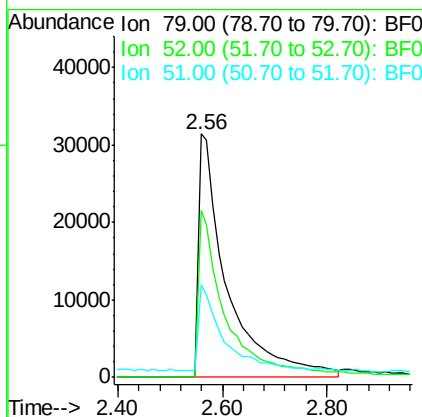
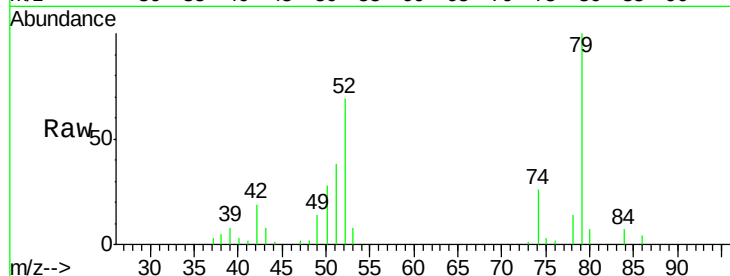
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	120233
Ion	Ratio	Lower	Upper
79	100		
52	68.7	52.9	79.3
51	37.8	27.0	40.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.53 ng

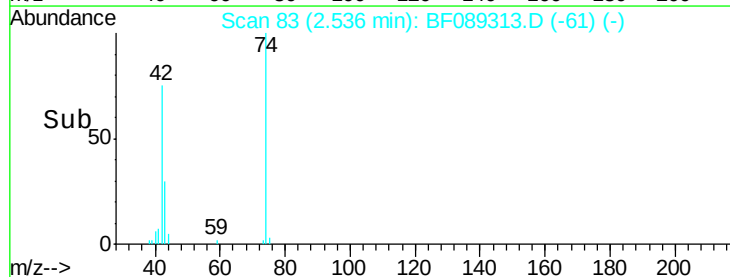
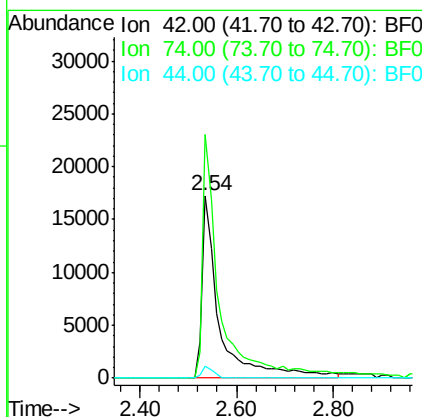
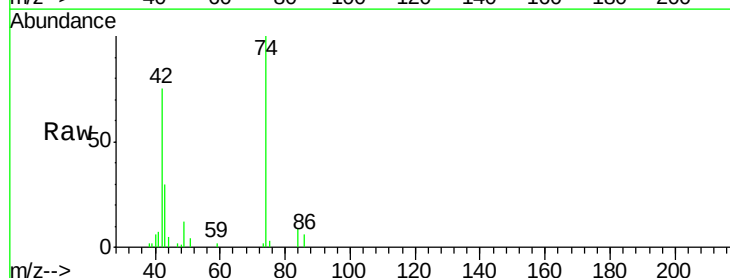
RT: 2.54 min Scan# 83

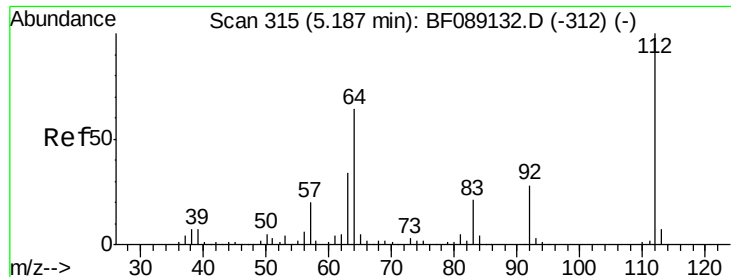
Delta R.T. -0.05 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	42	Resp:	43262
Ion	Ratio	Lower	Upper
42	100		
74	133.2	106.4	159.6
44	6.3	5.2	7.8





#5

2-Fluorophenol

Concen: 77.96 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

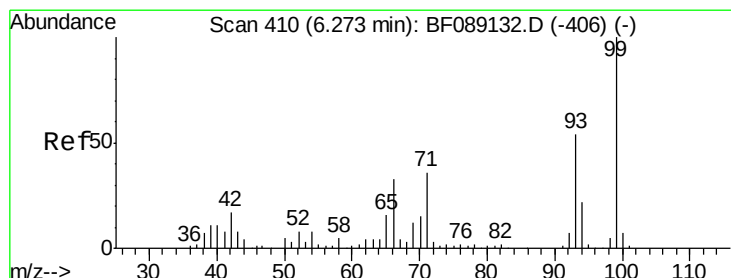
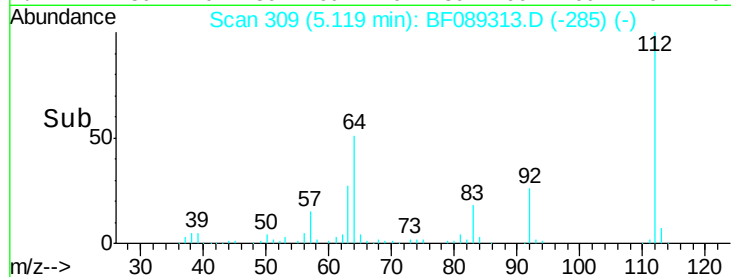
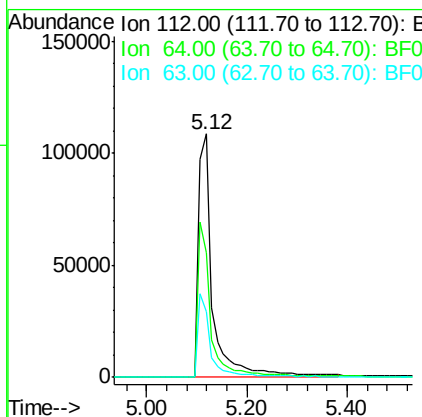
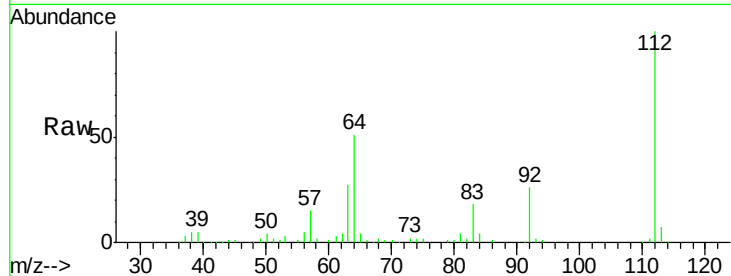
ClientSampled :

SSTDCCC040

Tot Ion:	112	Resp:	216671
Ion Ratio	Lower	Upper	
112	100		
64	51.4	51.0	76.4
63	26.9	27.3	40.9#

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#6

Aniline

Concen: 36.76 ng

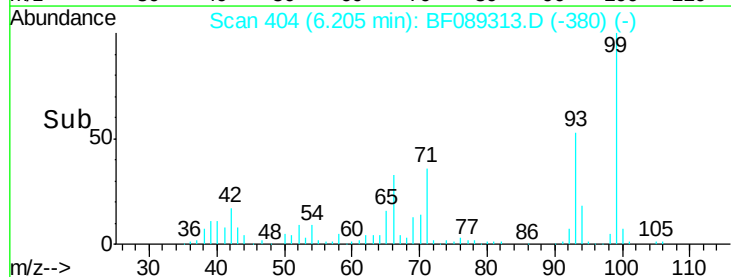
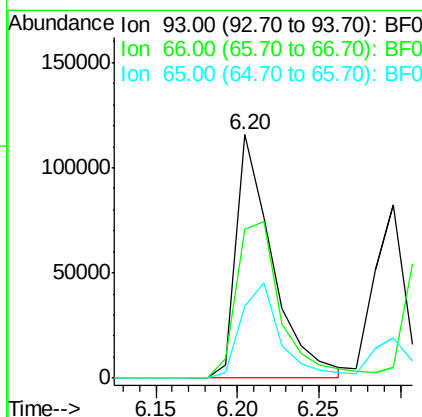
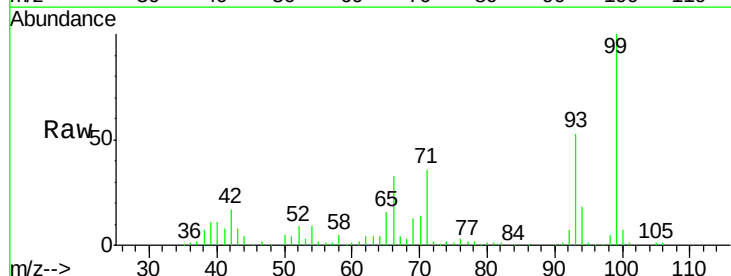
RT: 6.20 min Scan# 404

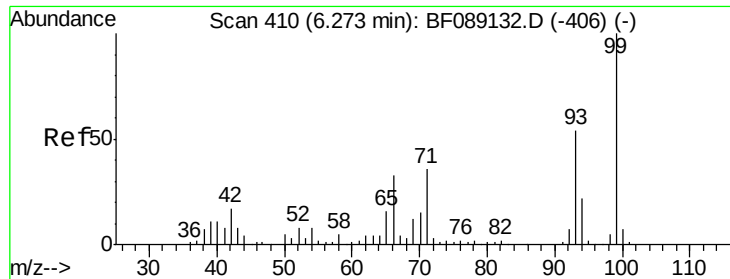
Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	93	Resp:	178018
Ion Ratio	Lower	Upper	
93	100		
66	61.3	48.9	73.3
65	29.8	23.9	35.9





#7

Phenol-d6

Concen: 80.26 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

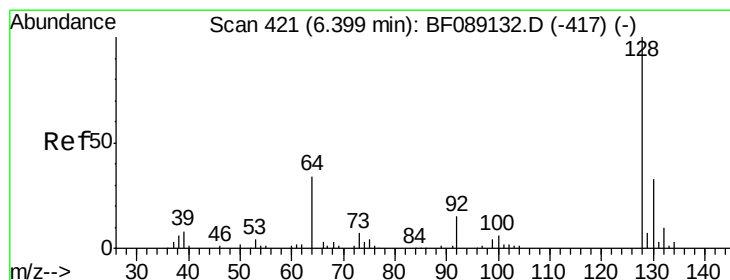
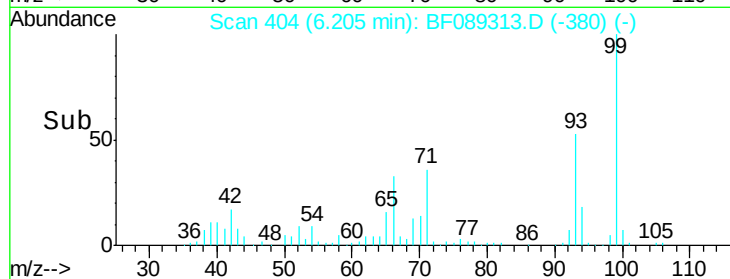
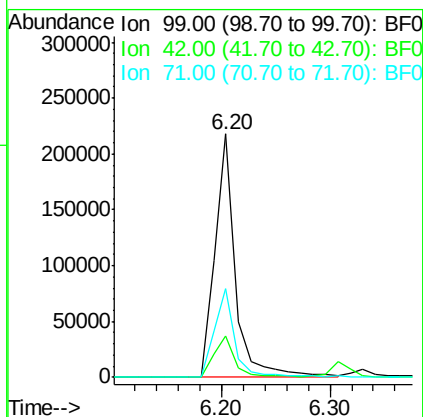
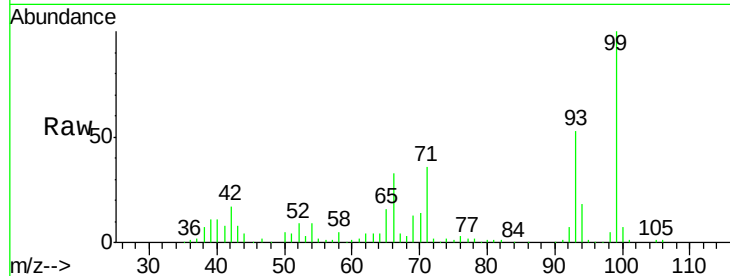
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	287633
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.5	20.3
71	36.4	28.9	43.3

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#8

2-Chlorophenol

Concen: 41.42 ng

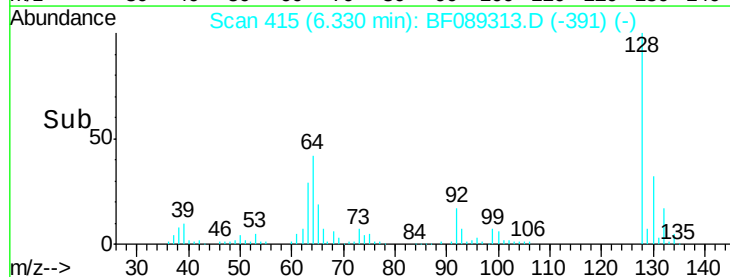
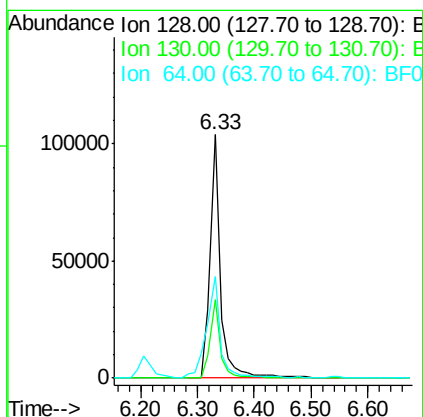
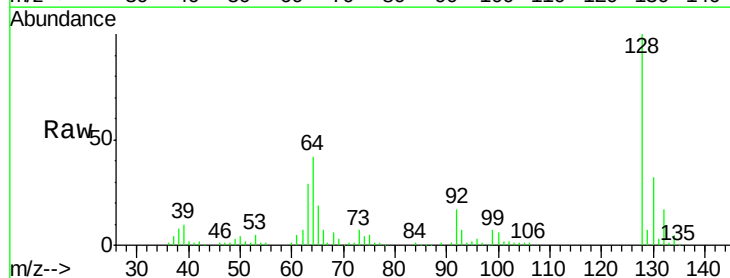
RT: 6.33 min Scan# 415

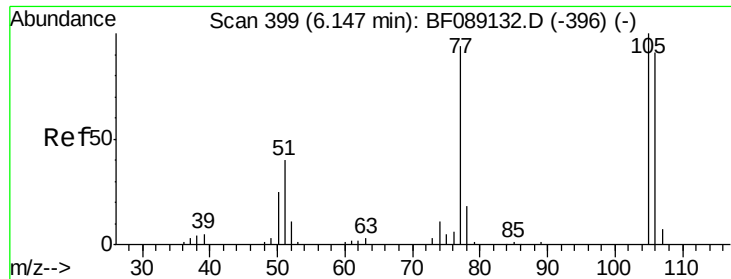
Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	128	Resp:	127733
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.6	52.6
64	41.6	17.5	57.5





#9

Benzaldehyde

Concen: 41.47 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 77436

Ion Ratio Lower Upper

77 100

105 105.3 86.2 126.2

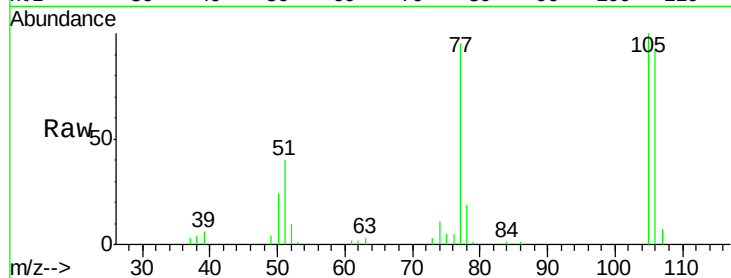
106 97.0 76.3 116.3

Manual Integrations

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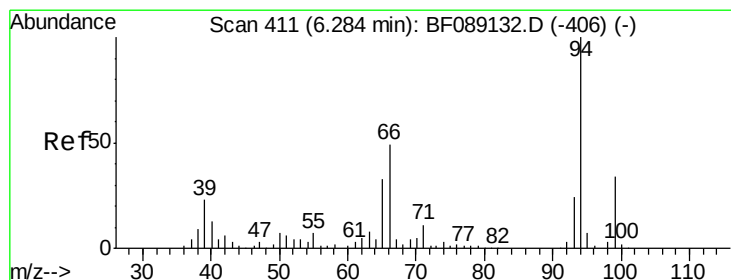
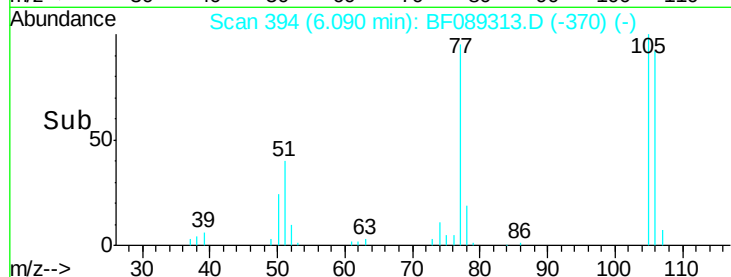
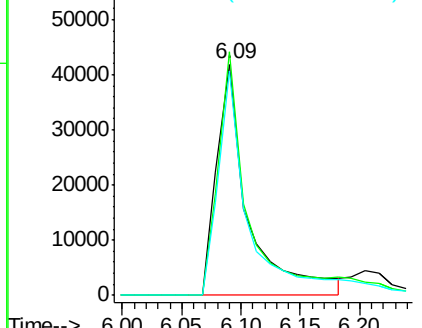
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.87 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

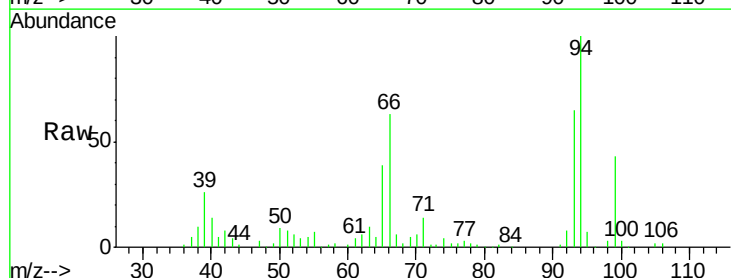
Tgt Ion: 94 Resp: 172898

Ion Ratio Lower Upper

94 100

65 38.7 13.3 53.3

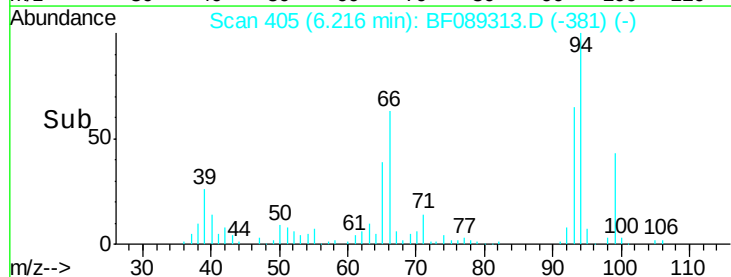
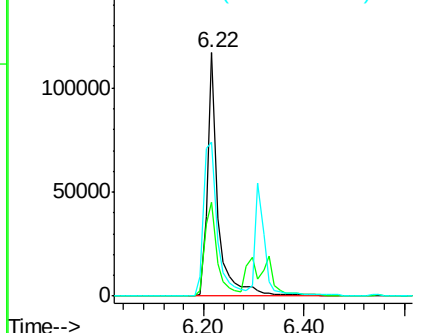
66 63.4 29.3 69.3

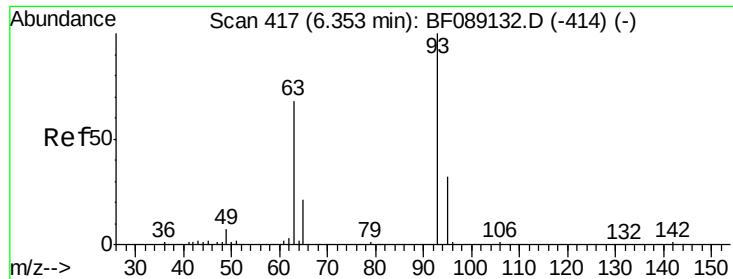


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.74 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

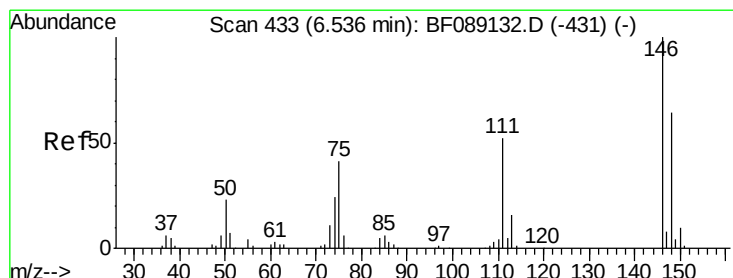
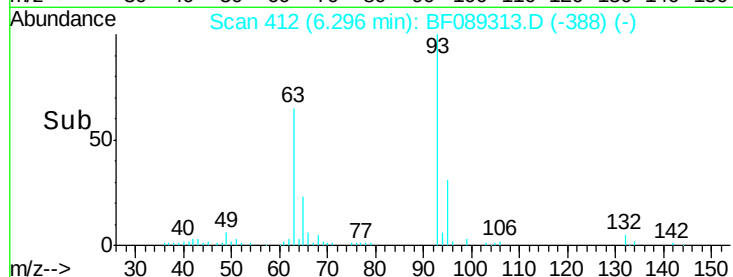
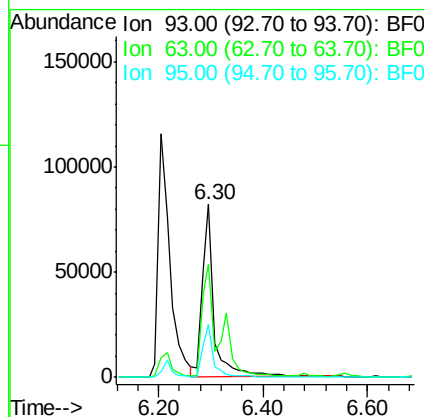
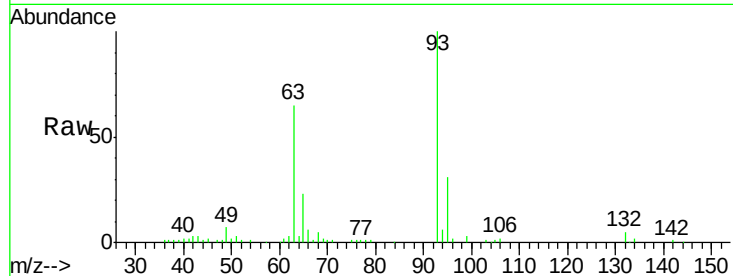
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	129421
Ion Ratio	Lower	Upper	
93	100		
63	65.4	47.3	87.3
95	30.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 38.92 ng

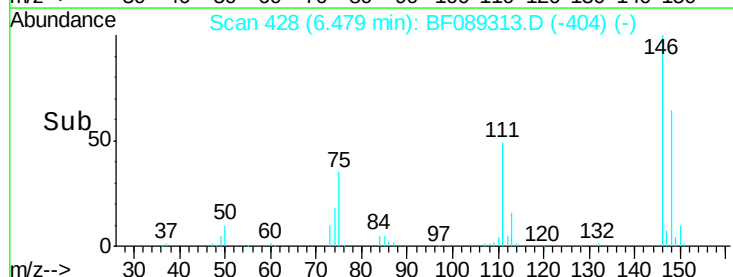
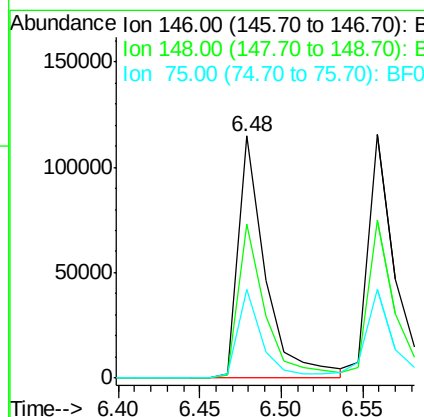
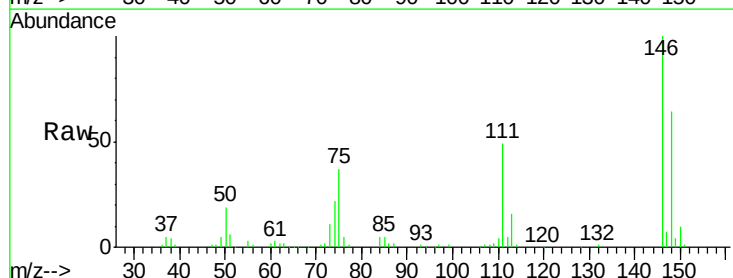
RT: 6.48 min Scan# 428

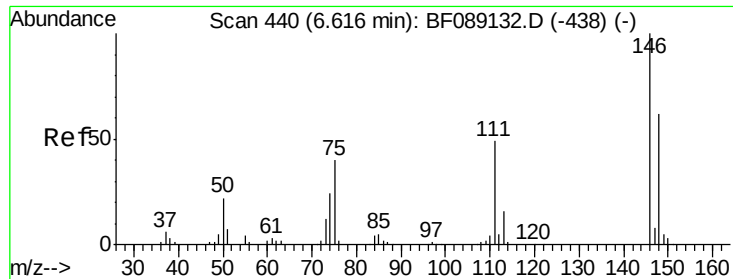
Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	146	Resp:	132529
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.0	76.6
75	36.5	32.5	48.7





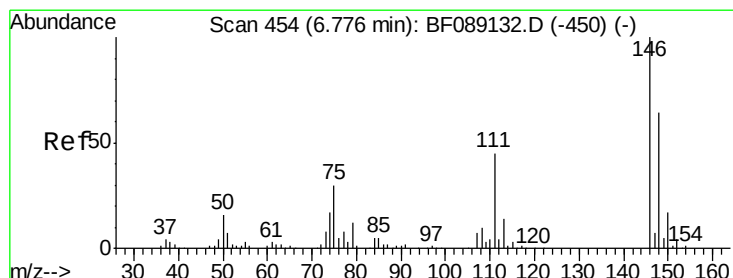
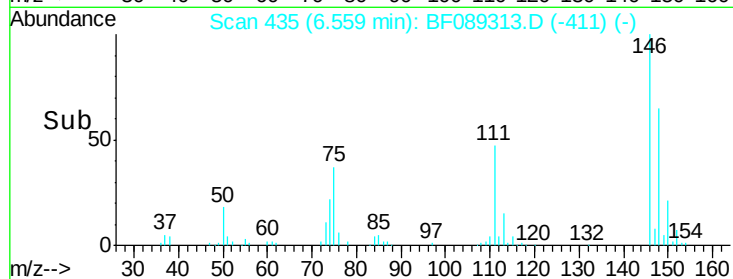
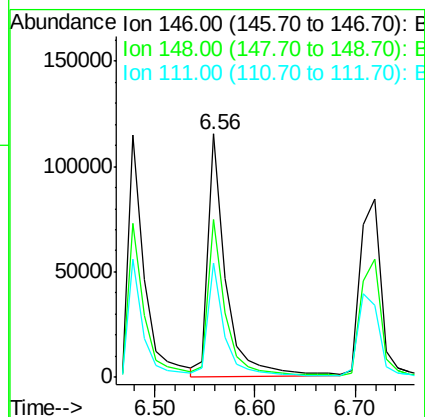
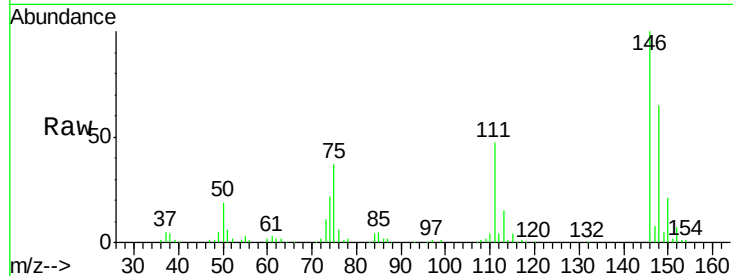
#13
 1,4-Dichlorobenzene
 Concen: 42.31 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	49.9	74.9
111	47.2	39.8	59.6

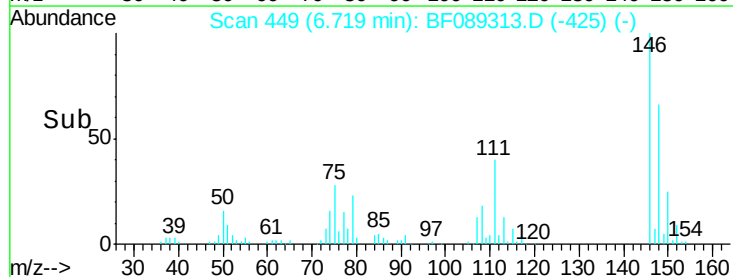
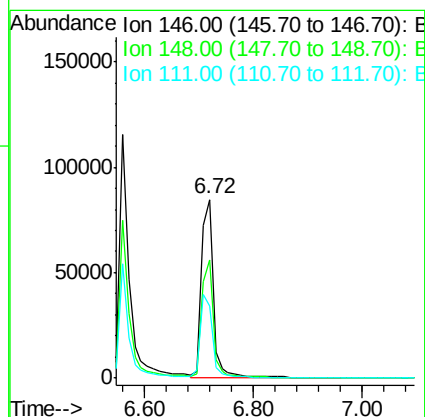
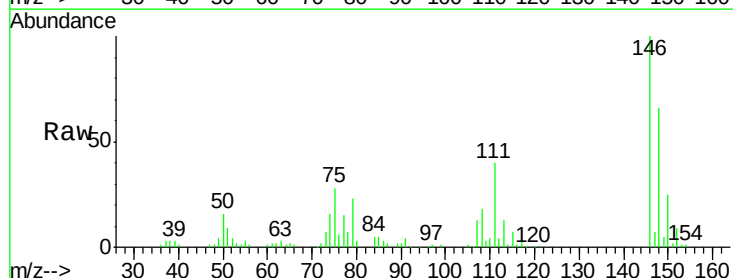
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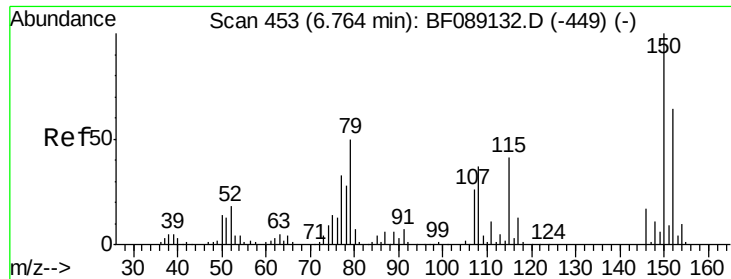
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#14
 1,2-Dichlorobenzene
 Concen: 39.59 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.4	77.0
111	40.5	35.9	53.9





#15

Benzyl Alcohol

Concen: 36.46 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

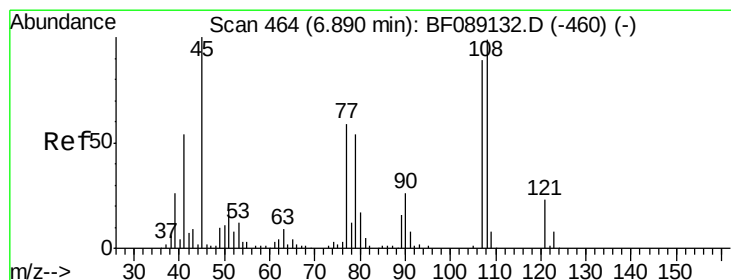
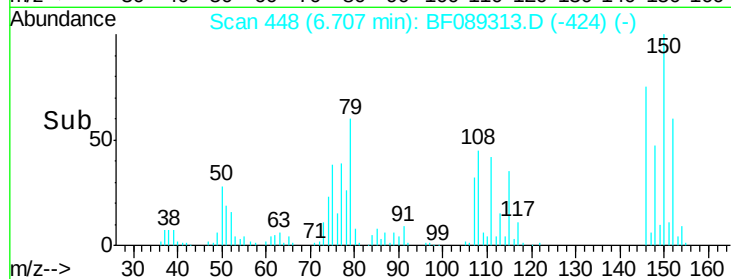
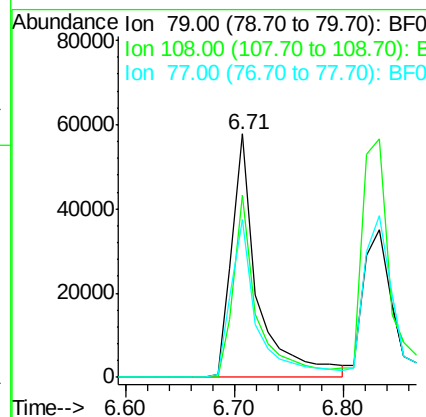
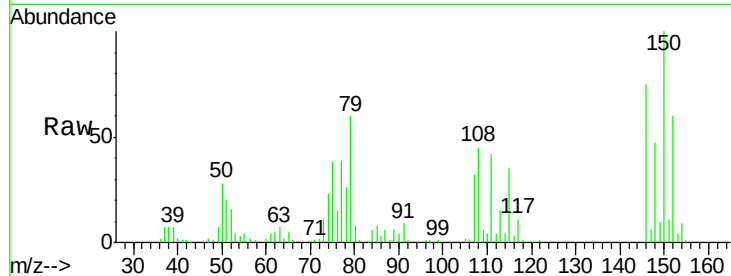
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	95694
Ion Ratio	Lower	Upper	
79	100		
108	74.8	58.2	87.4
77	65.1	52.2	78.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.12 ng

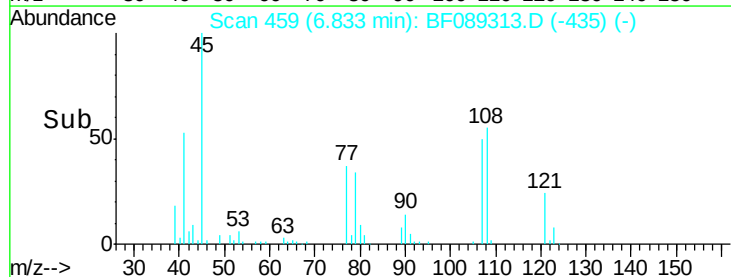
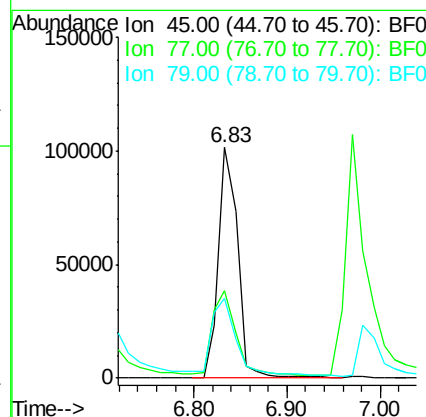
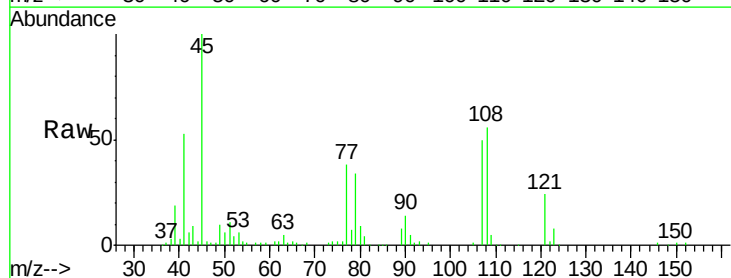
RT: 6.83 min Scan# 459

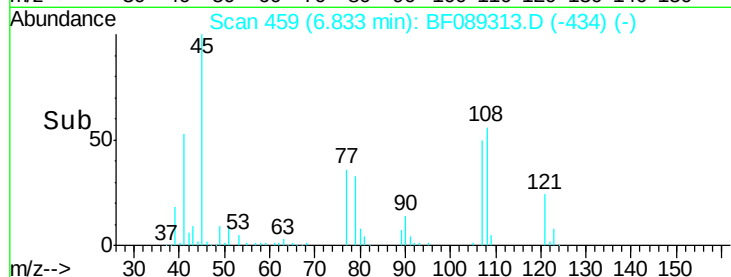
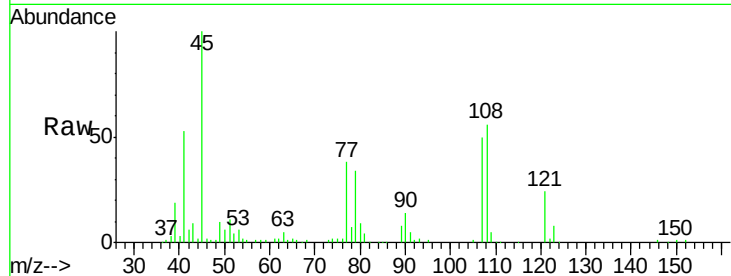
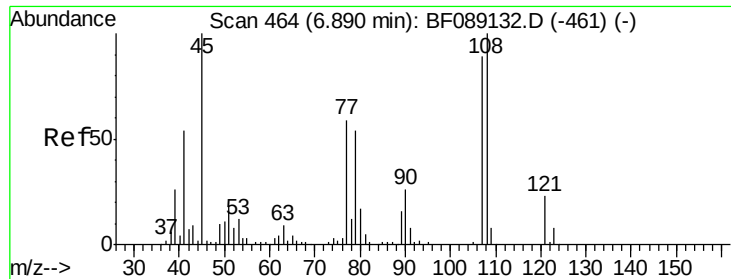
Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	45	Resp:	145284
Ion Ratio	Lower	Upper	
45	100		
77	37.8	39.7	79.7#
79	34.5	34.7	74.7#





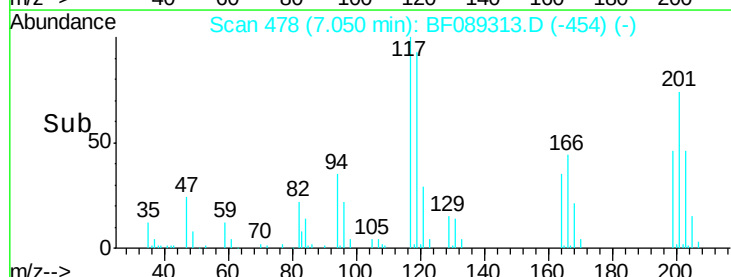
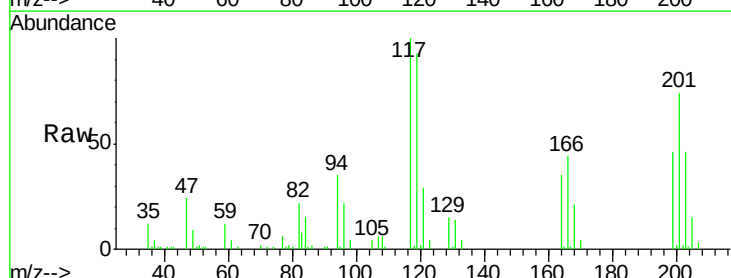
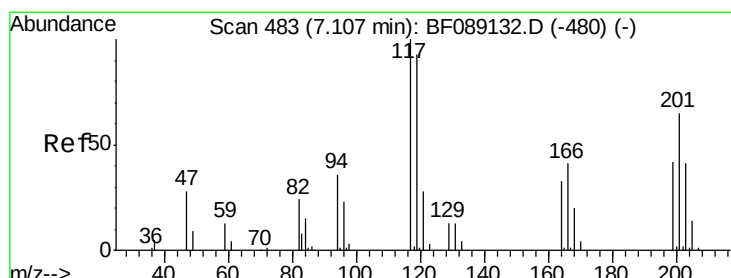
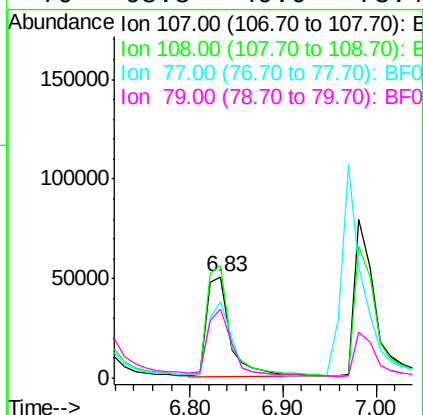
#17
2-Methylphenol
Concen: 36.61 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.4	134.2
77	75.4	53.4	80.0
79	68.8	49.0	73.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

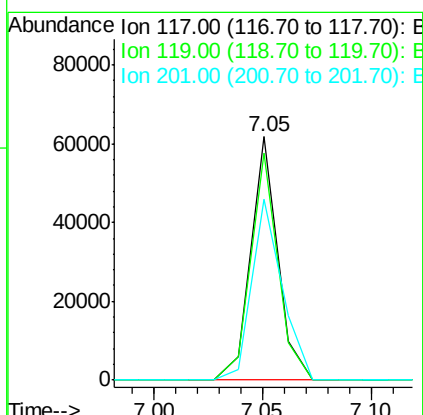
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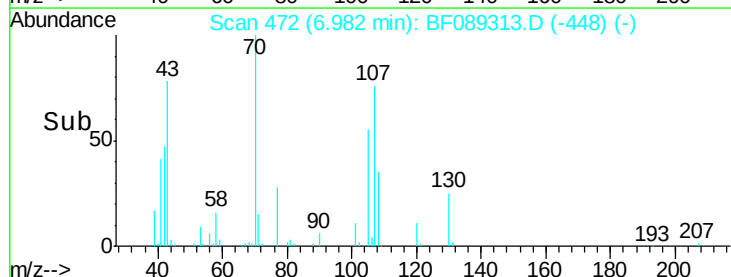
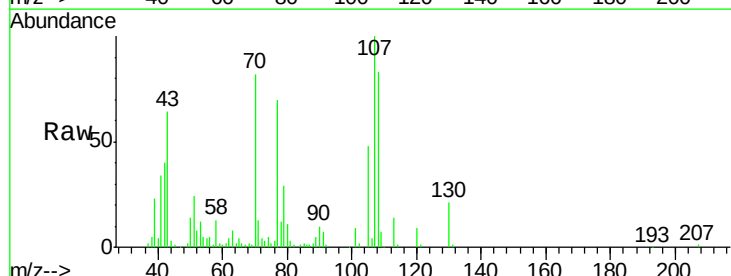
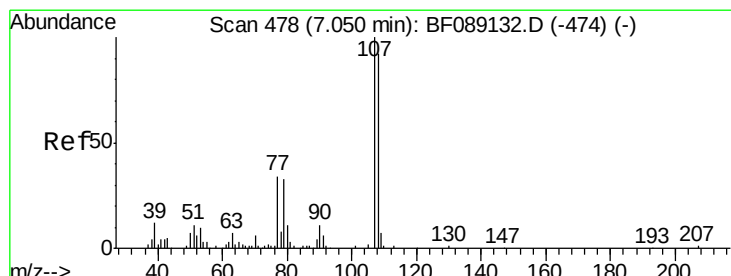
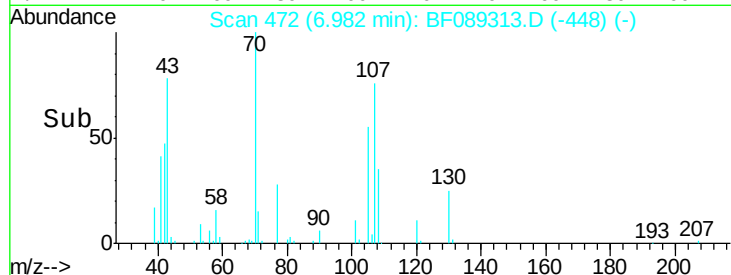
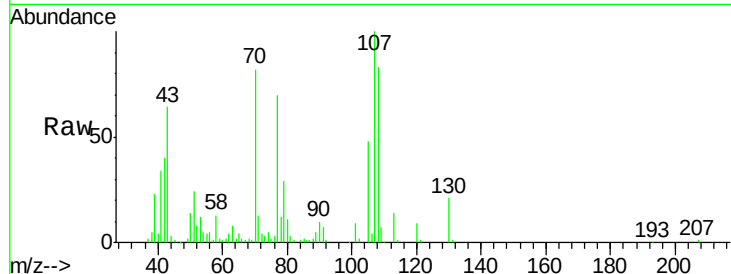
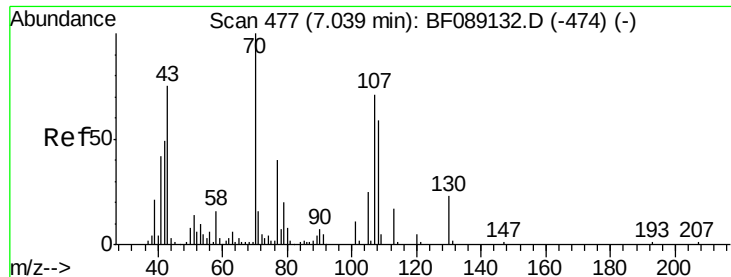
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#18
Hexachloroethane
Concen: 41.41 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	74.5	111.7
201	74.4	51.8	77.6





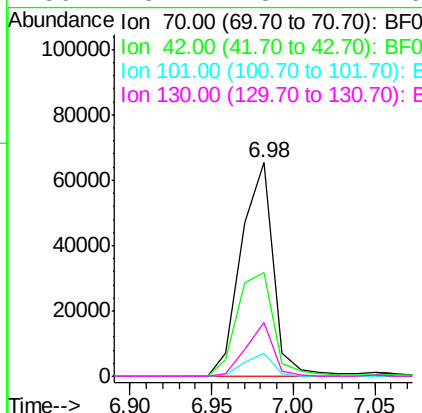
#19
n-Nitroso-di-n-propylamine
Concen: 38.11 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.3	39.2	58.8
101	10.5	8.5	12.7
130	25.2	18.4	27.6

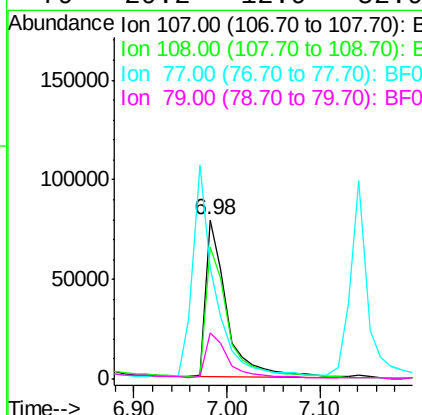
Manual Integrations
APPROVED

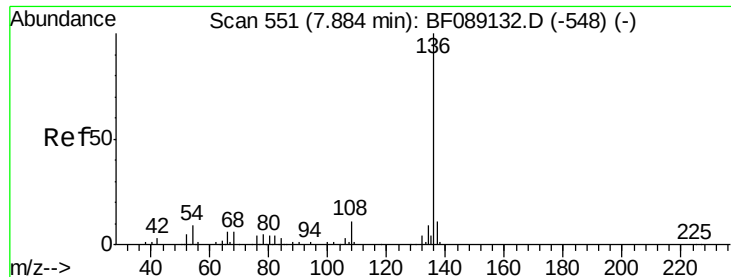
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#20
3+4-Methylphenols
Concen: 37.86 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.7	72.5	112.5
77	70.3	17.7	57.7#
79	29.2	12.9	52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

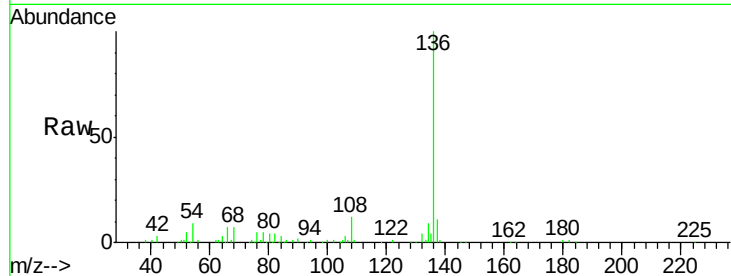
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	176896		
137	11.3	8.8	13.2	
54	9.1	7.0	10.4	
68	6.6	5.0	7.6	

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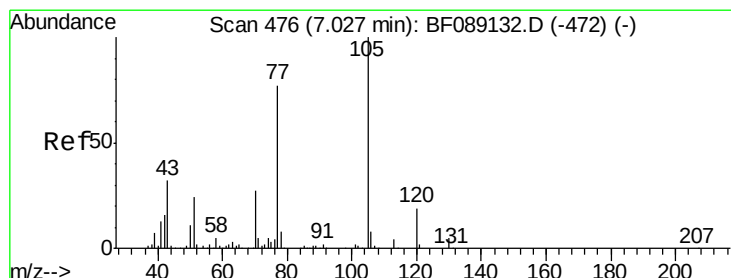
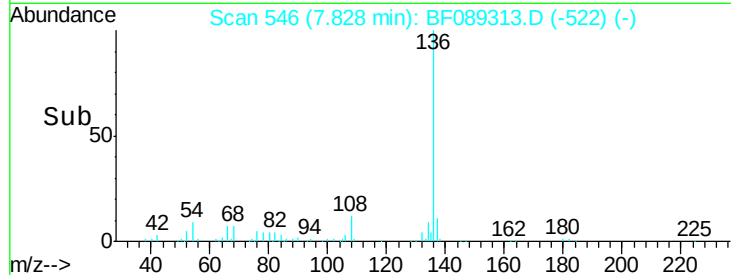
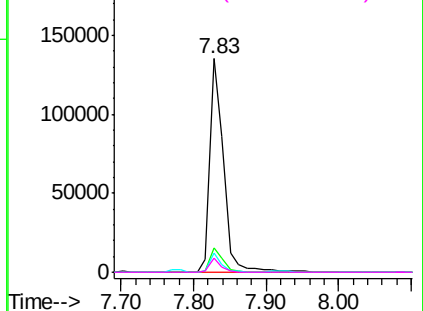


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.28 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

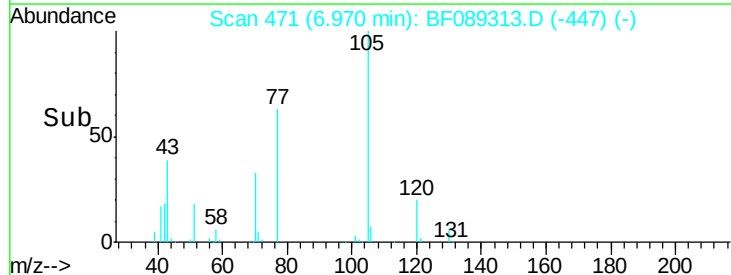
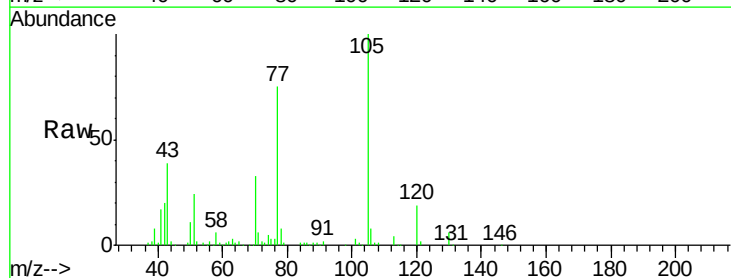
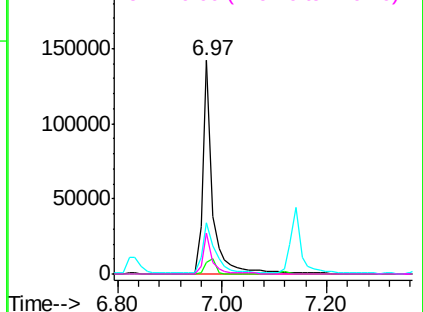
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	185570		
71	5.7	3.8	5.6#	
51	24.1	19.6	29.4	
120	19.5	15.5	23.3	

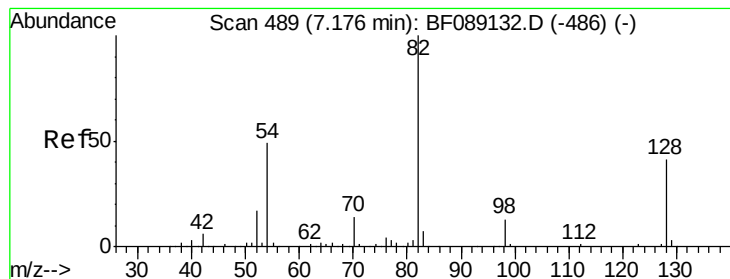
Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.68 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

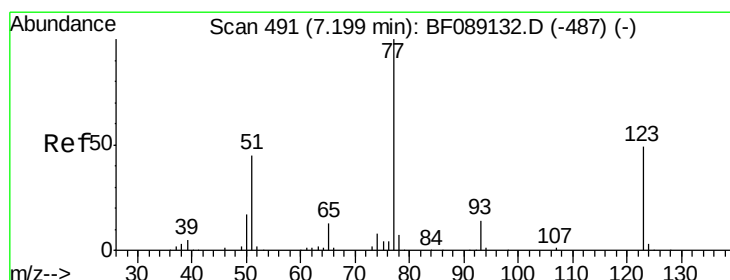
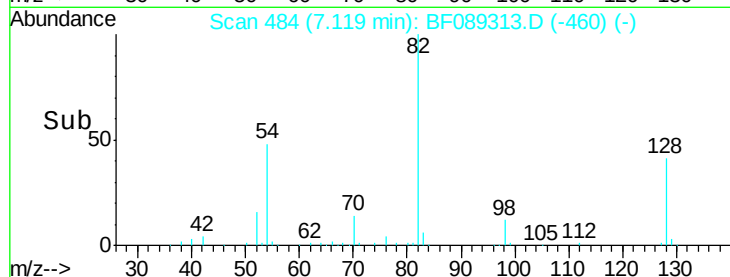
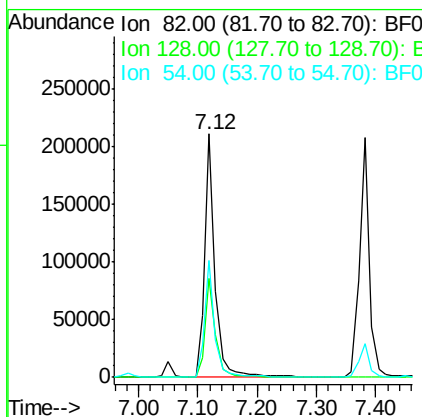
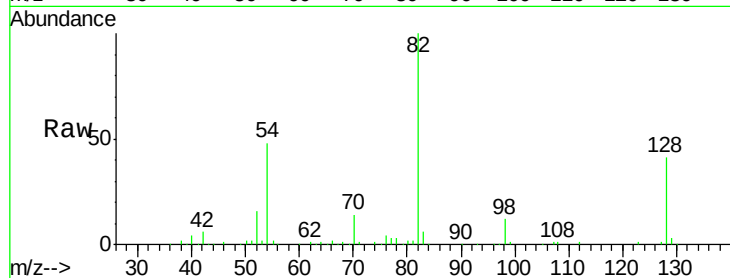
ClientSampled :

SSTDCCC040

Tot Ion:	82	Resp:	265292
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.0	49.6
54	48.2	39.0	58.4

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#24

Nitrobenzene

Concen: 38.59 ng

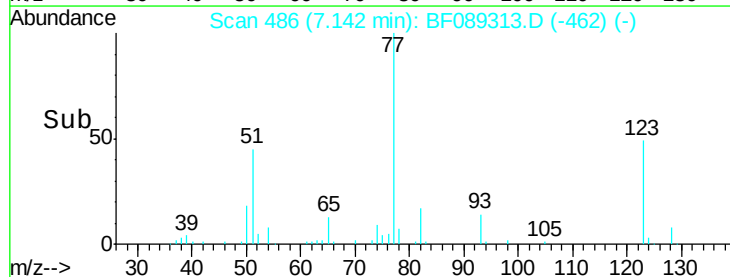
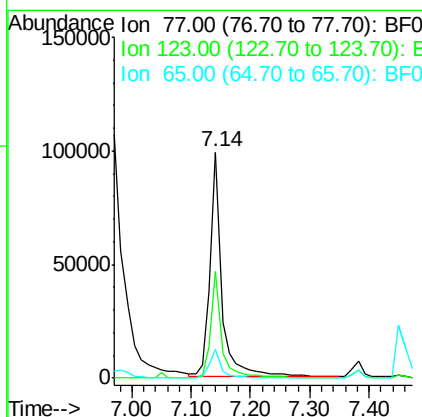
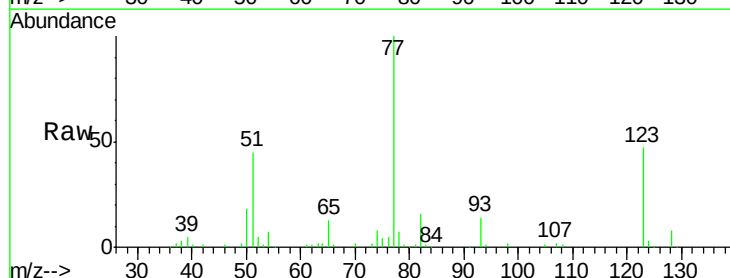
RT: 7.14 min Scan# 486

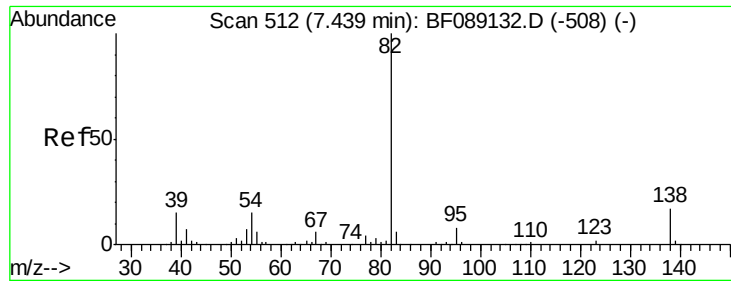
Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	77	Resp:	135489
Ion Ratio	Lower	Upper	
77	100		
123	47.4	38.9	58.3
65	12.7	10.6	15.8





#25

Isophorone

Concen: 38.80 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

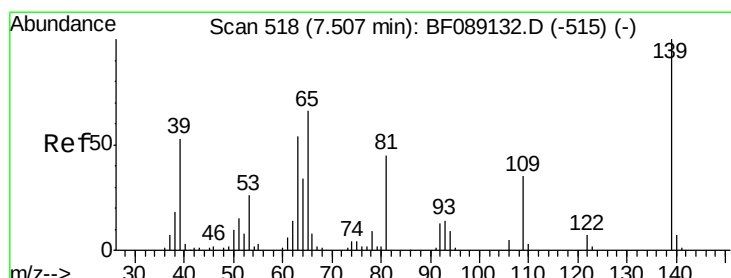
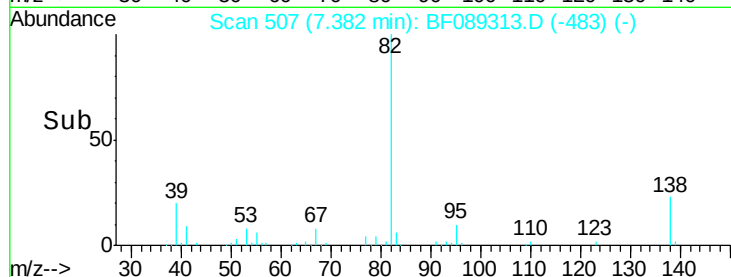
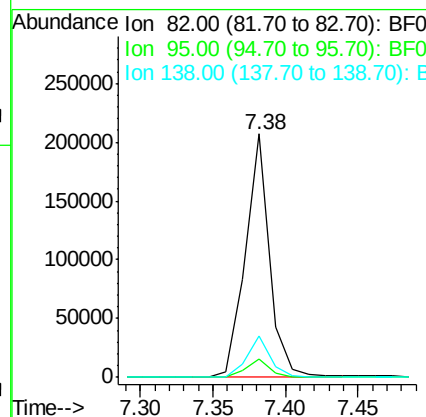
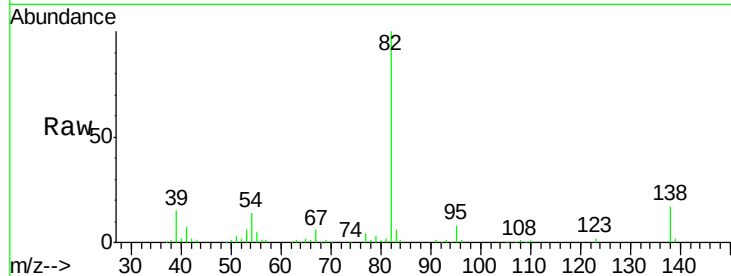
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	238075
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.1	9.1
138	16.8	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.33 ng

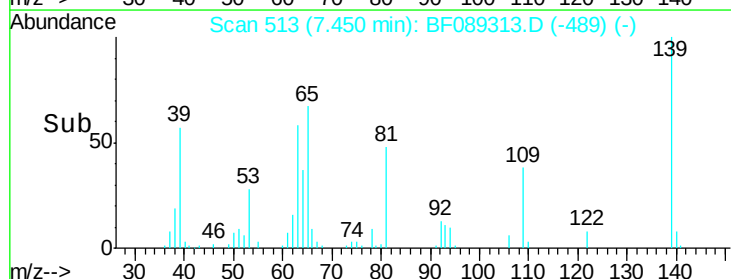
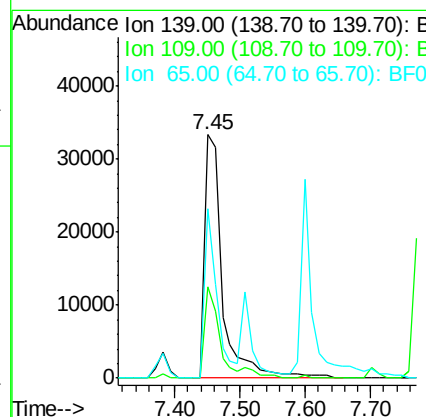
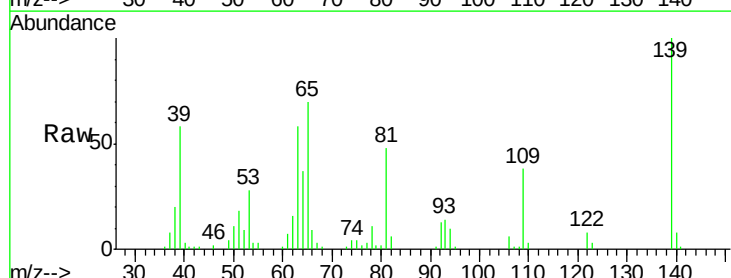
RT: 7.45 min Scan# 513

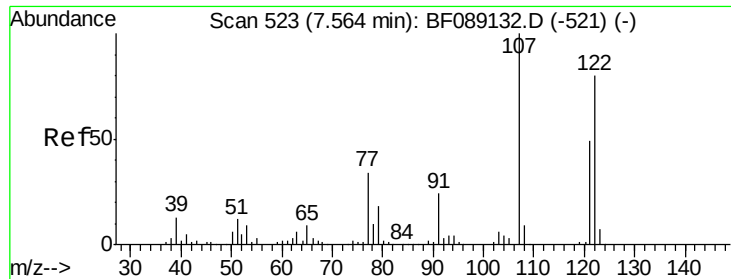
Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	139	Resp:	62769
Ion Ratio	Lower	Upper	
139	100		
109	37.6	28.1	42.1
65	69.6	52.7	79.1





#27

2,4-Dimethylphenol

Concen: 36.72 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

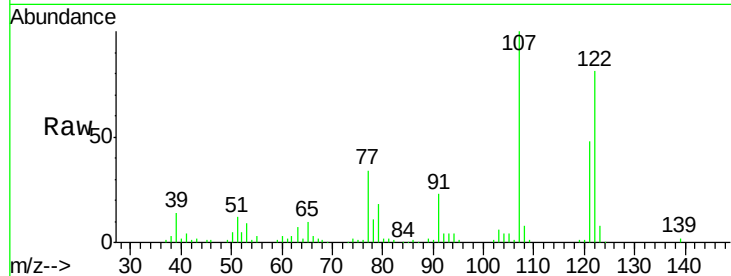
ClientSampled :

SSTDCCC040

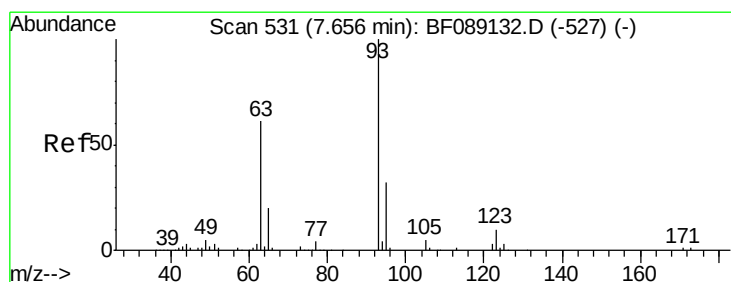
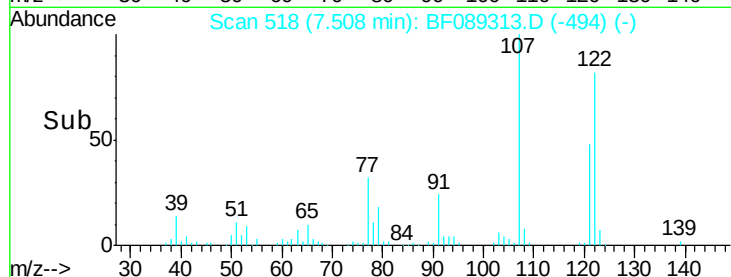
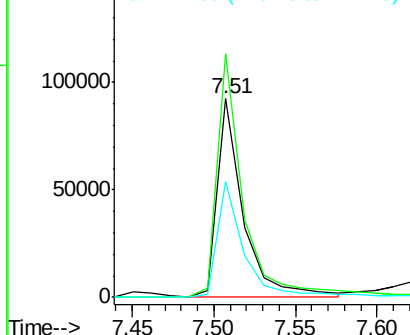
Tot Ion:	122	Resp:	101324
Ion Ratio	Lower	Upper	
122	100		
107	122.8	99.7	149.5
121	58.6	48.5	72.7

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.05 ng

RT: 7.60 min Scan# 526

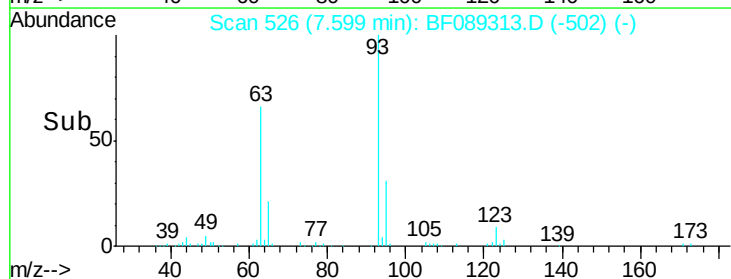
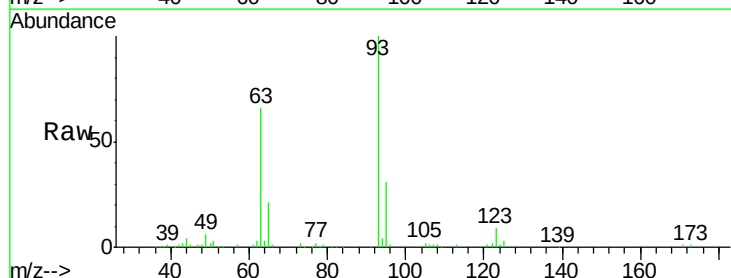
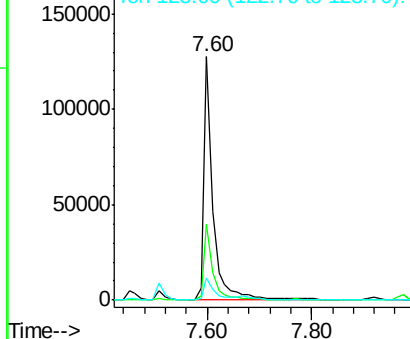
Delta R.T. -0.02 min

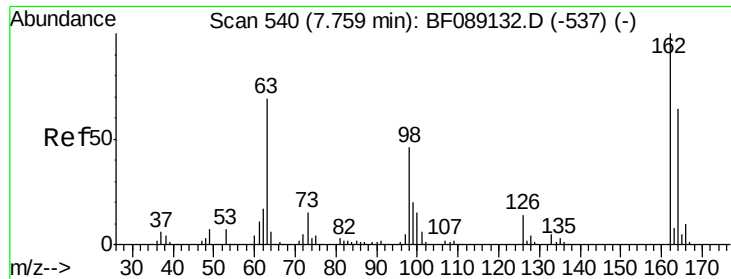
Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	93	Resp:	157532
Ion Ratio	Lower	Upper	
93	100		
95	31.4	25.4	38.0
123	9.3	8.3	12.5

Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





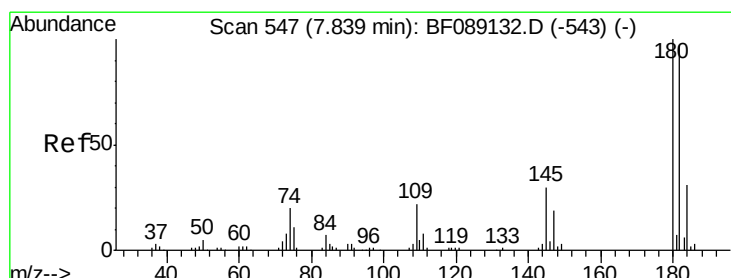
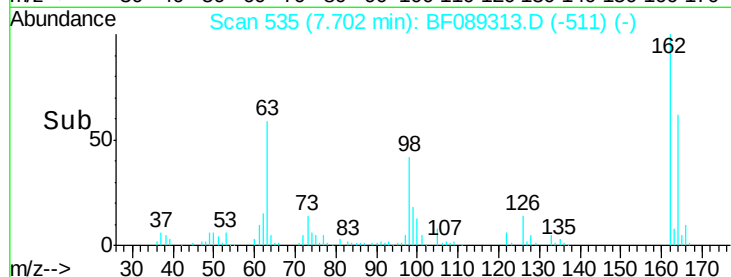
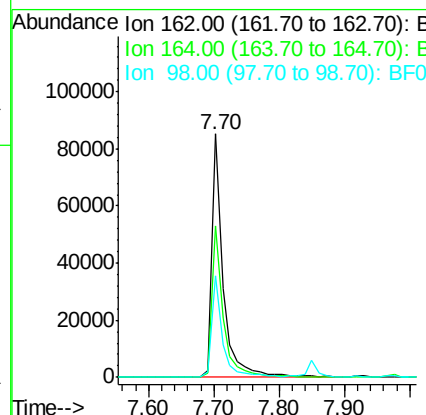
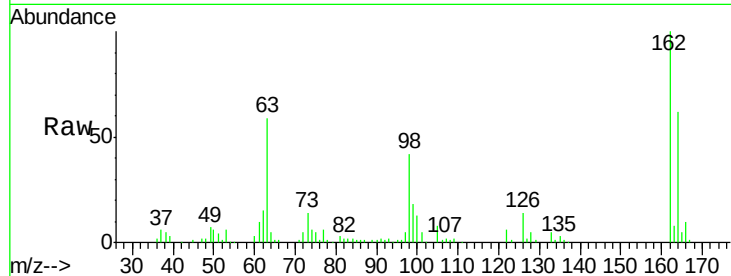
#29
 2,4-Dichlorophenol
 Concen: 41.15 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	102326		
164	62.2	44.0	84.0	
98	41.6	26.0	66.0	

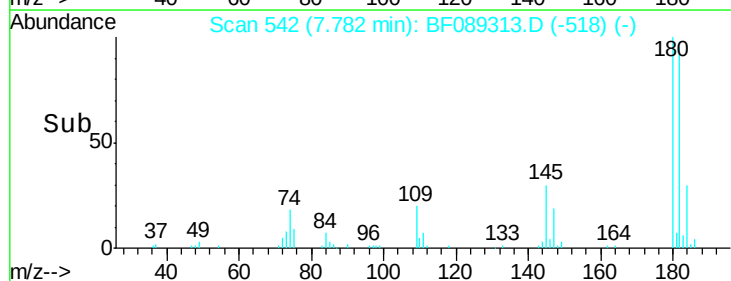
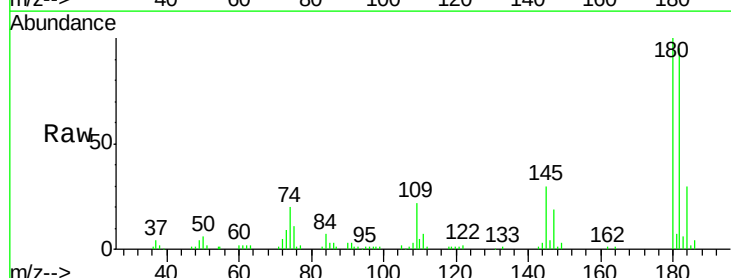
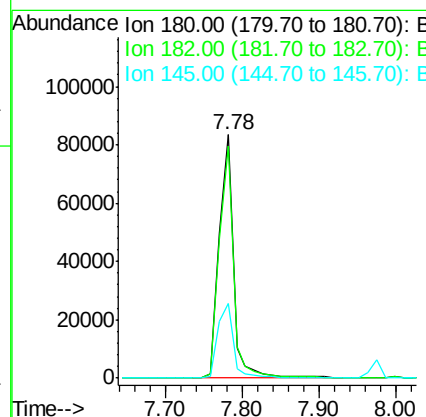
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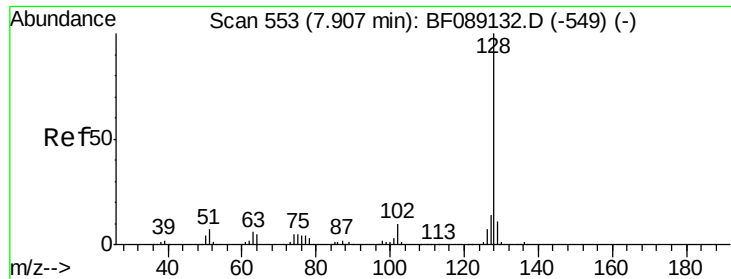
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.45 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	108587		
182	95.5	77.6	116.4	
145	30.4	24.0	36.0	





#31

Naphthalene

Concen: 37.70 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

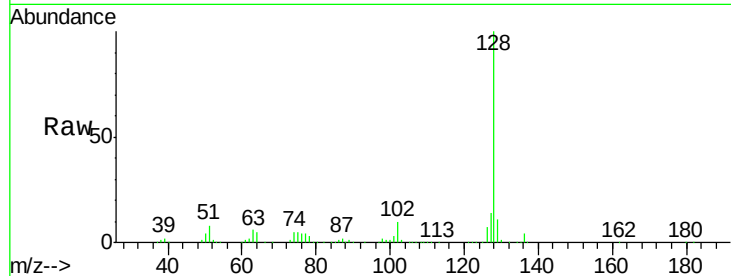
ClientSampleId :

SSTDCCC040

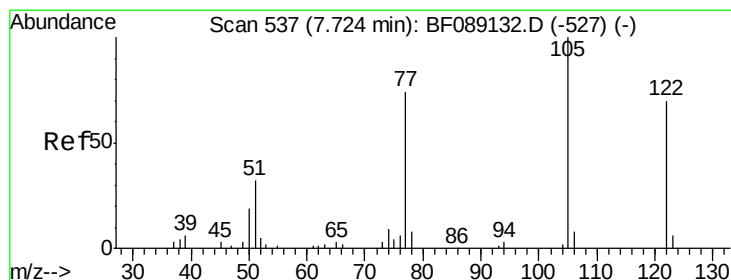
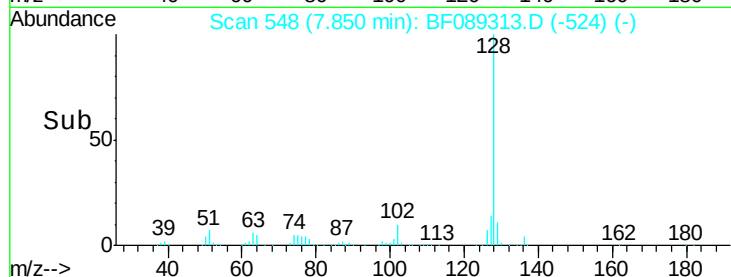
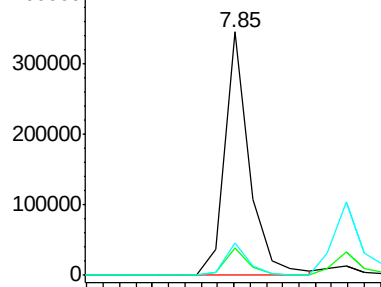
Tot Ion:	128	Resp:	359896
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.9	13.3
127	13.5	10.8	16.2

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



#32

Benzoic acid

Concen: 38.82 ng

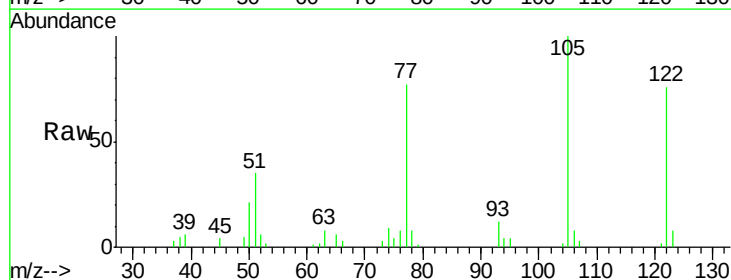
RT: 7.67 min Scan# 532

Delta R.T. -0.03 min

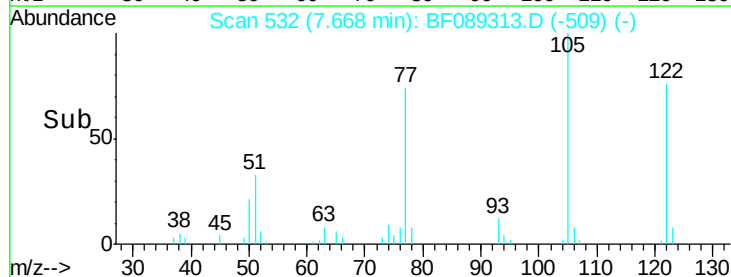
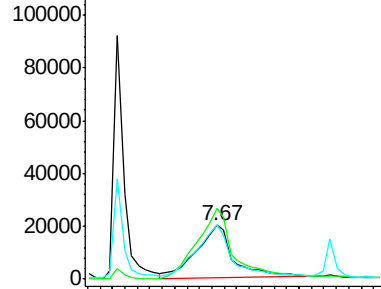
Lab File: BF089313.D

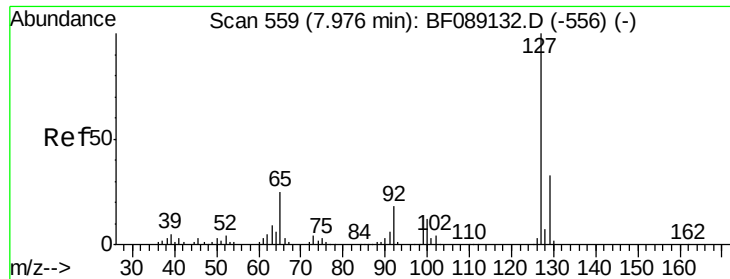
Acq: 26 Jul 2016 18:35

Tgt Ion:	122	Resp:	82370
Ion Ratio	Lower	Upper	
122	100		
105	131.0	119.0	159.0
77	100.6	84.7	124.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





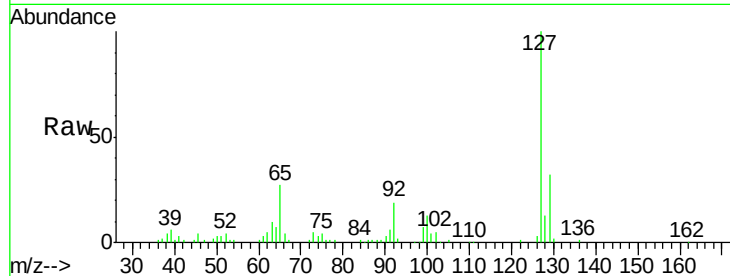
#33
4-Chloroaniline
Concen: 37.09 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

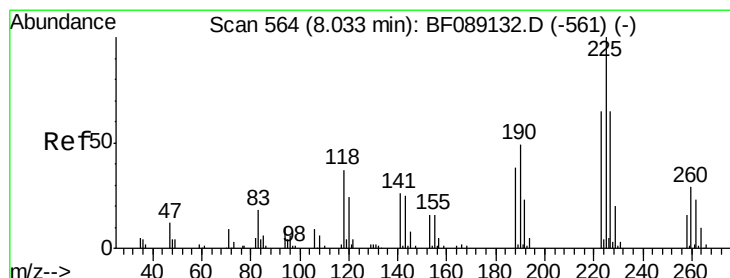
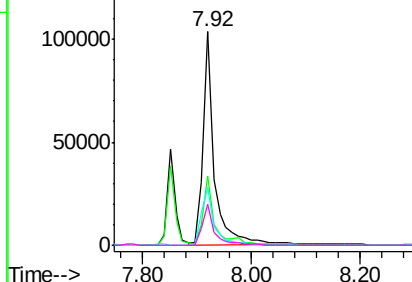
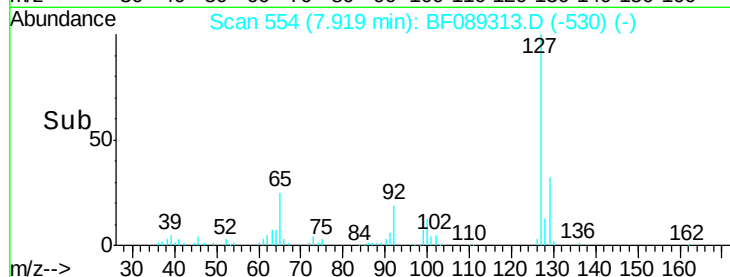
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	26.8	19.7	29.5
92	19.4	14.3	21.5

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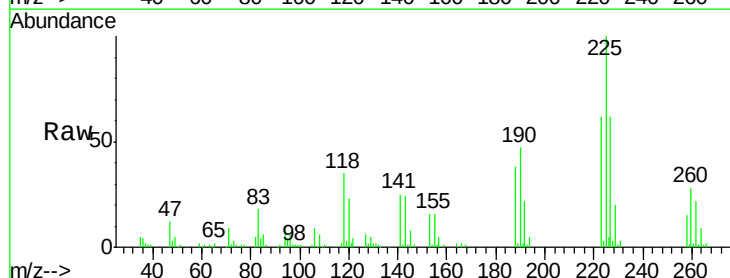


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

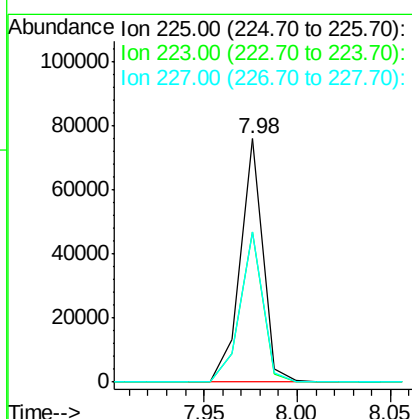
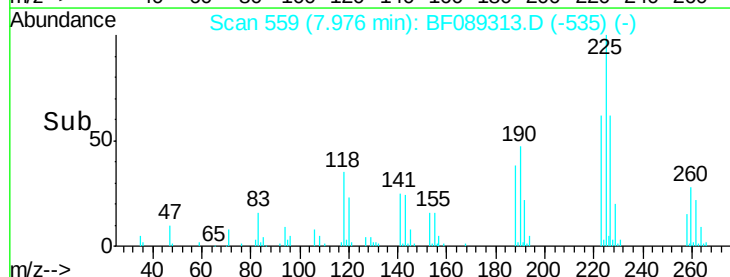


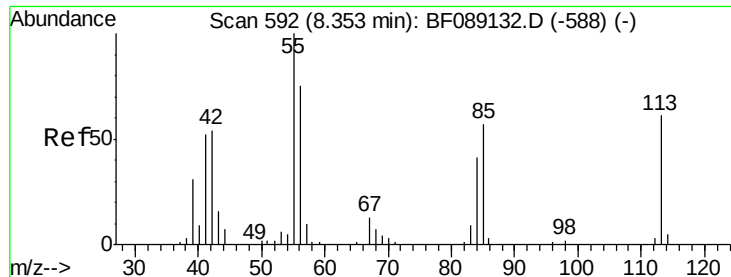
#34
Hexachlorobutadiene
Concen: 42.03 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.6	77.4
227	61.5	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.32 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.03 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

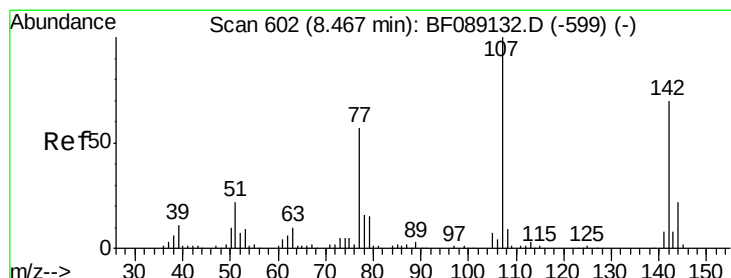
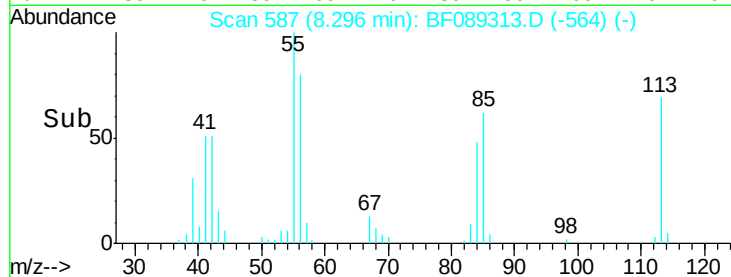
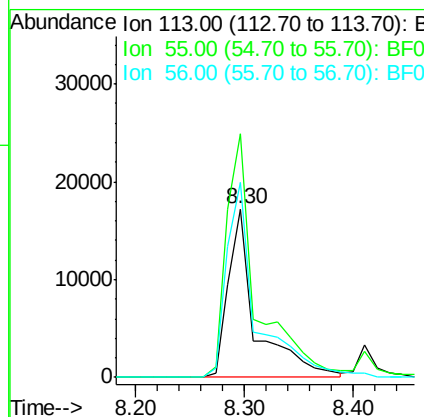
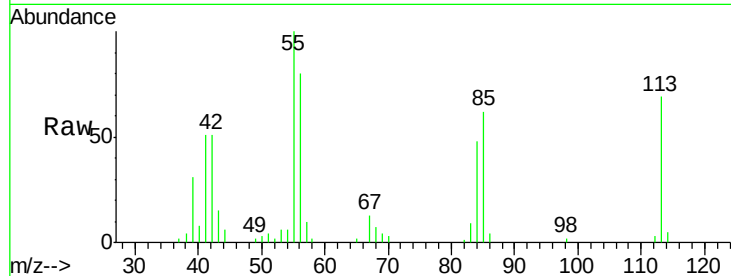
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	144.5	145.3	185.3#		
56	115.6	104.3	144.3		

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#36

4-Chloro-3-methylphenol

Concen: 40.30 ng

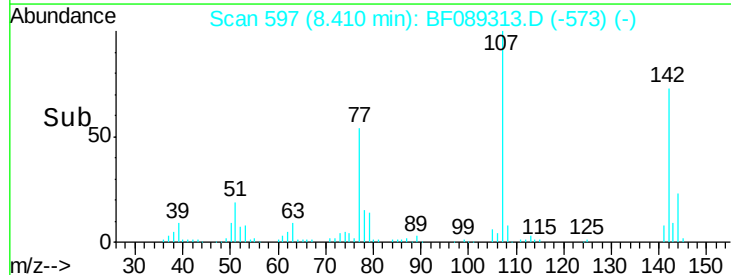
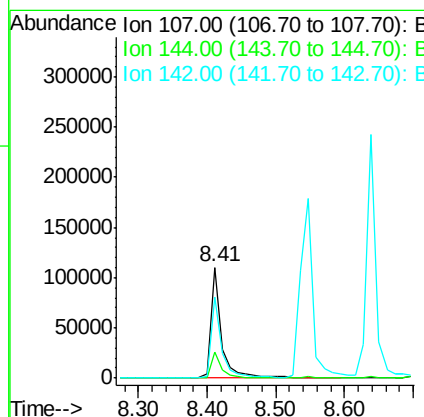
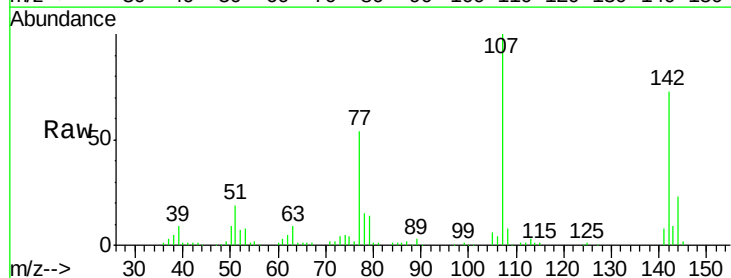
RT: 8.41 min Scan# 597

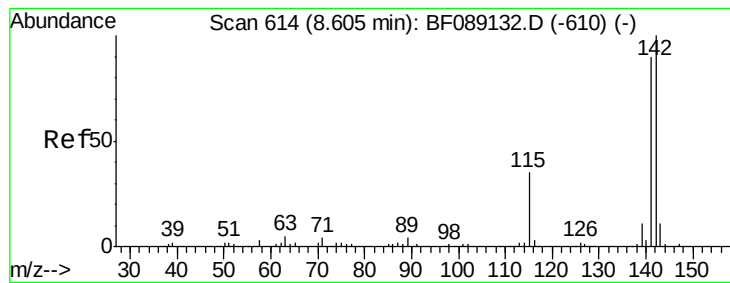
Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.3	17.8	26.6		
142	72.7	56.1	84.1		





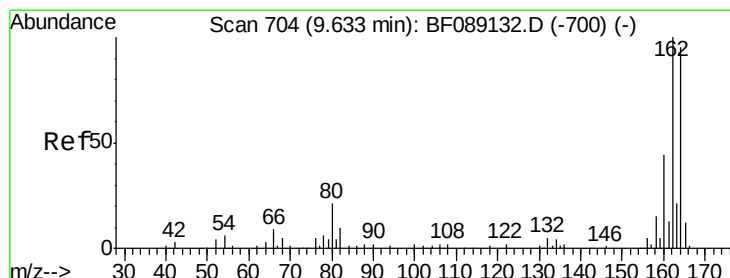
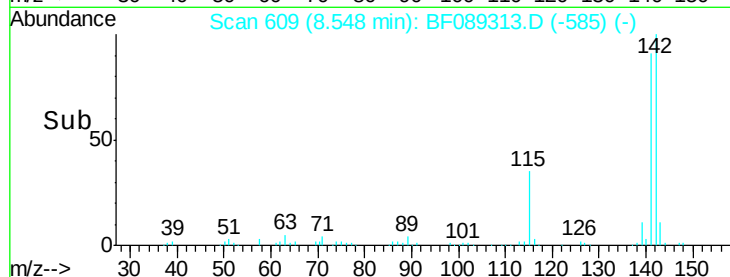
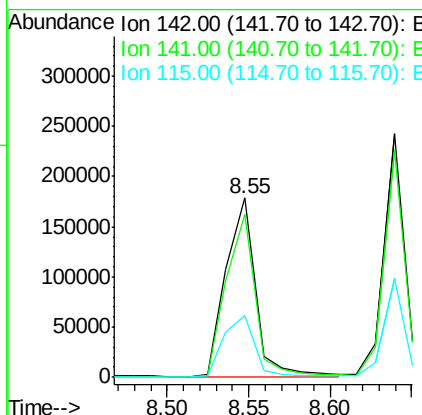
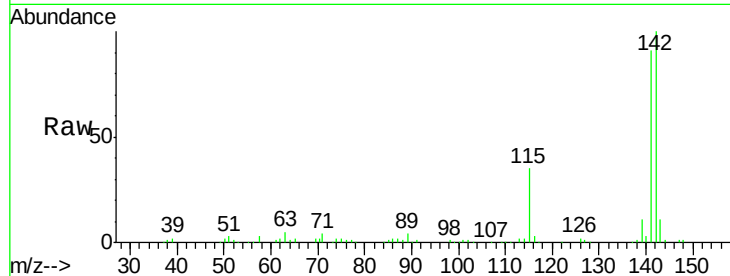
#37
2-Methylnaphthalene
Concen: 36.94 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.6	107.4
115	34.5	27.6	41.4

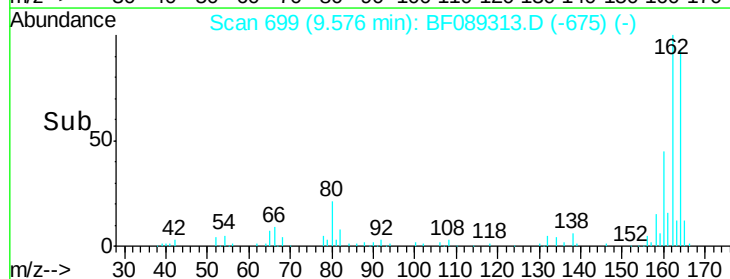
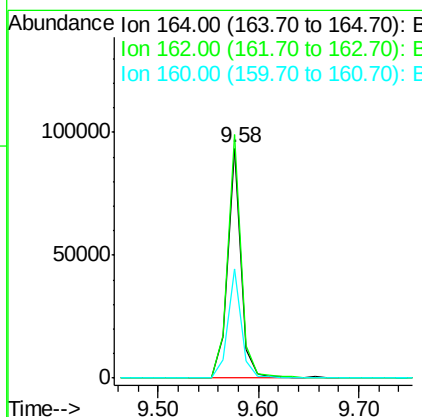
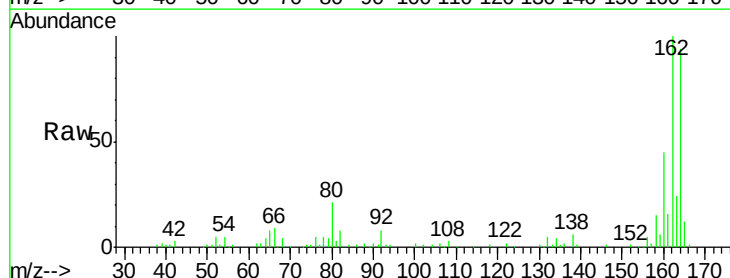
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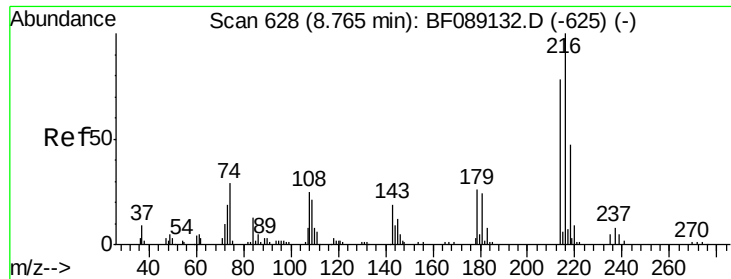
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	84.1	126.1
160	47.6	37.1	55.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.92 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

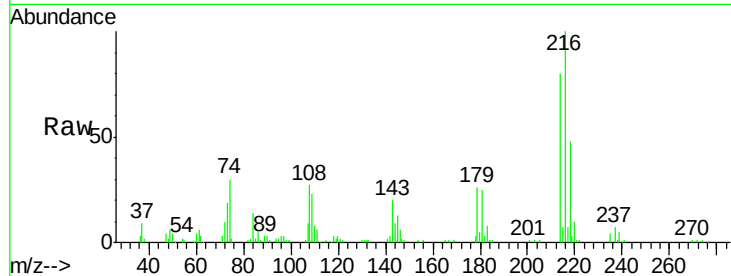
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	76.9	61.9	92.9	
179	22.6	18.4	27.6	
108	21.8	17.0	25.6	

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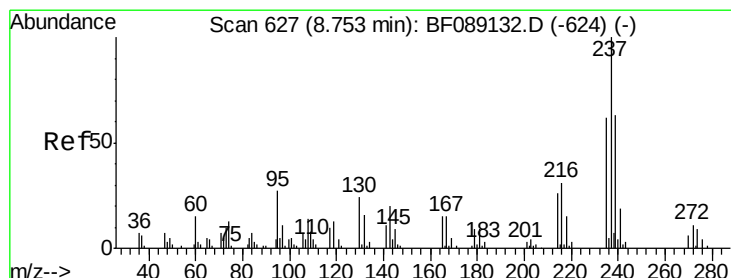
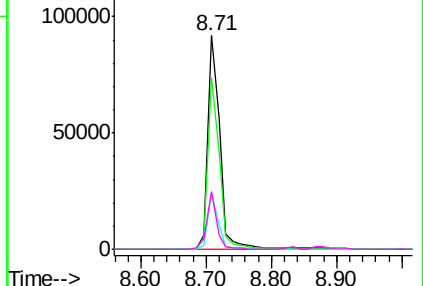
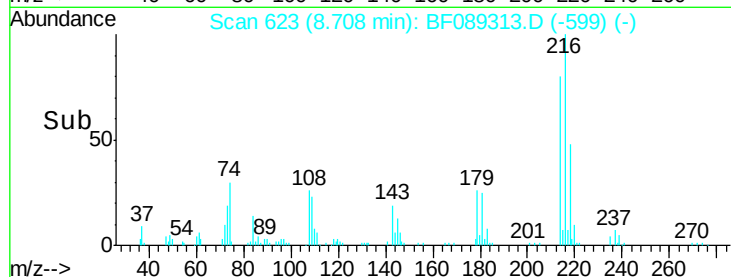


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.23 ng

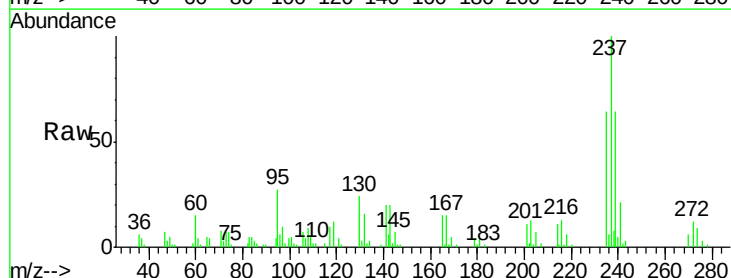
RT: 8.70 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

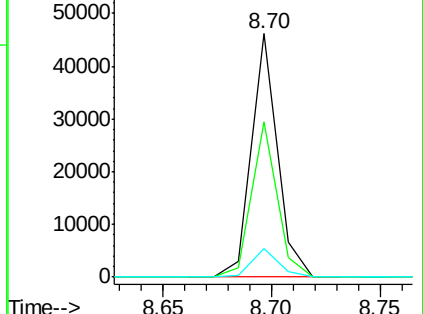
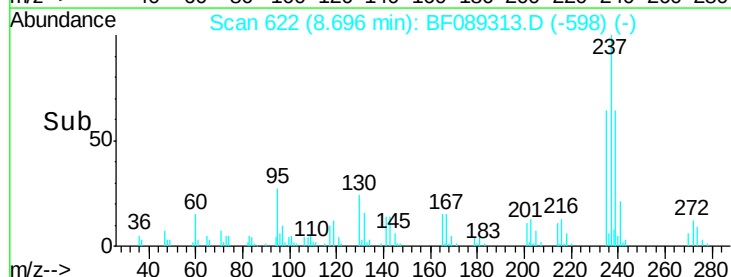
Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.6	42.1	82.1	
272	11.8	0.0	31.4	

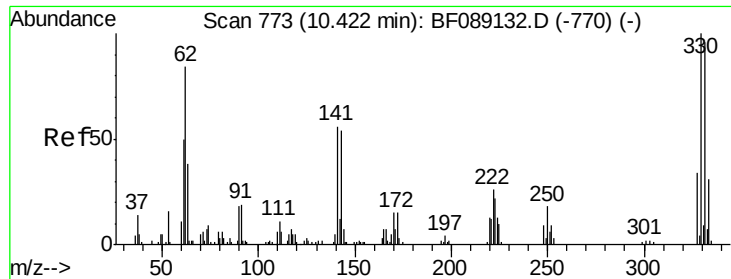


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





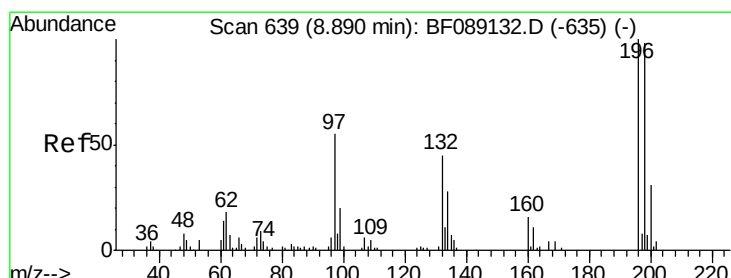
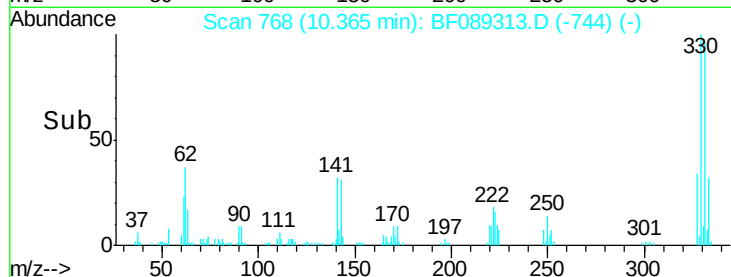
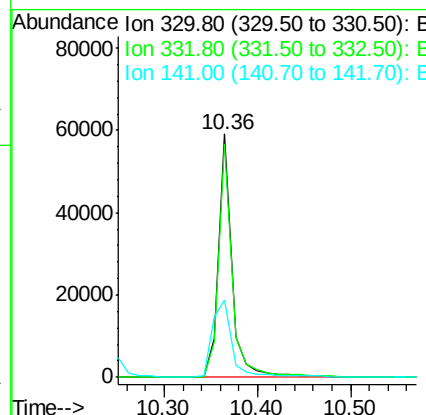
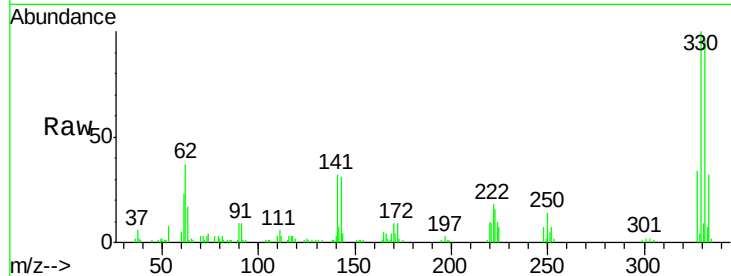
#41
 2,4,6-Tribromophenol
 Concen: 76.65 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	47.9	42.2	63.2

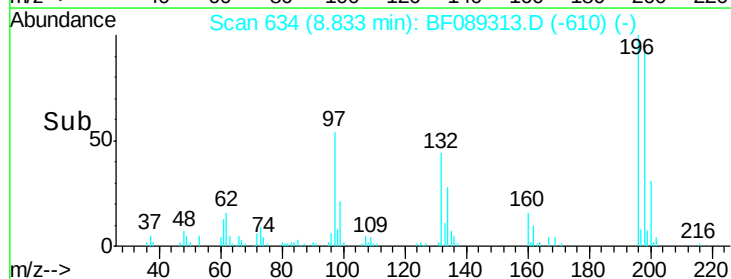
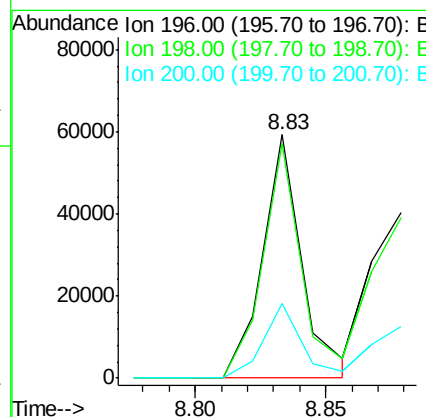
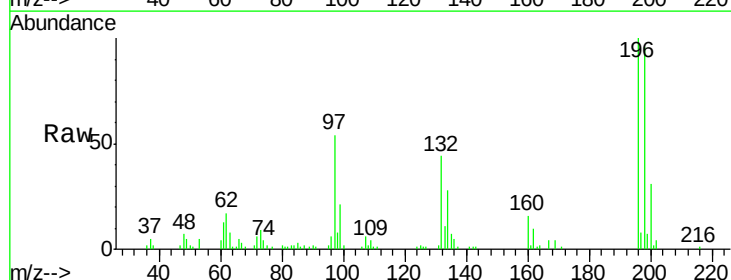
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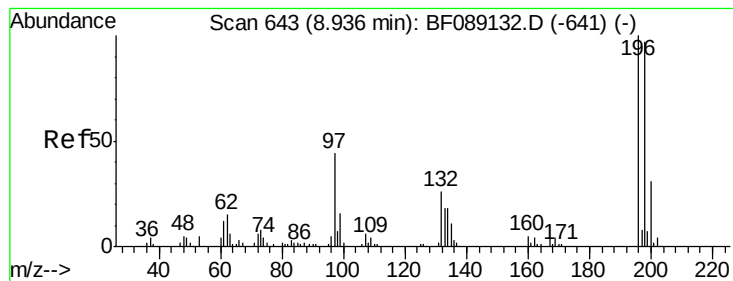
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#42
 2,4,6-Trichlorophenol
 Concen: 34.20 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.3	117.5
200	30.6	25.0	37.4





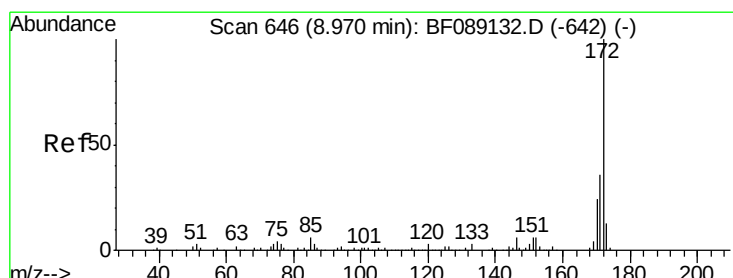
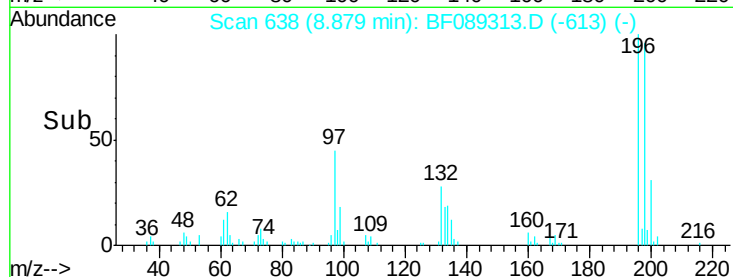
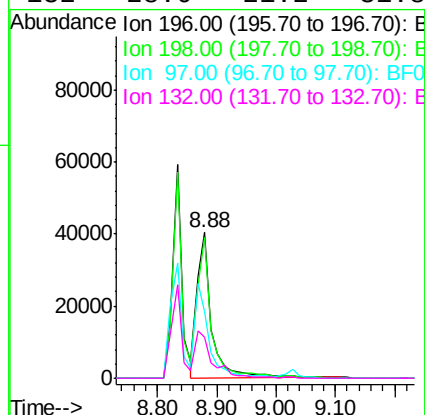
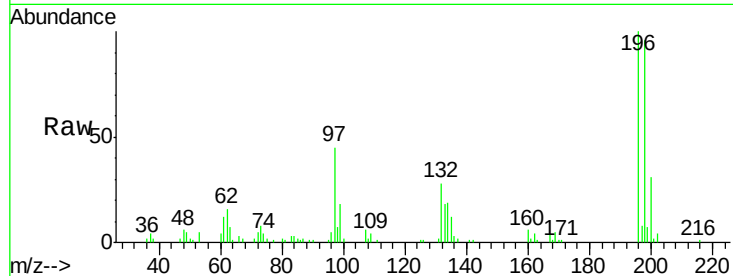
#43
 2,4,5-Trichlorophenol
 Concen: 38.71 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		70065		
198	96.5	77.6	116.4		
97	45.5	36.5	54.7		
132	28.0	21.2	31.8		

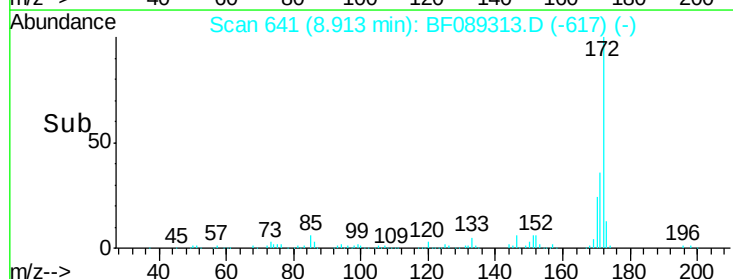
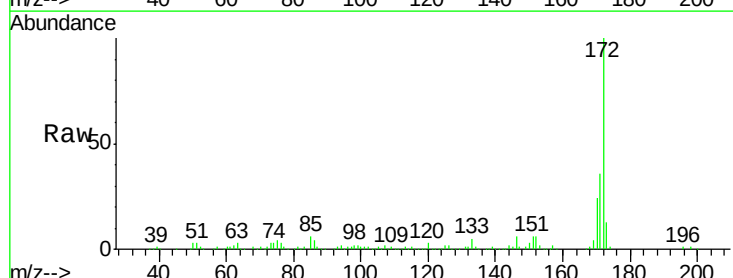
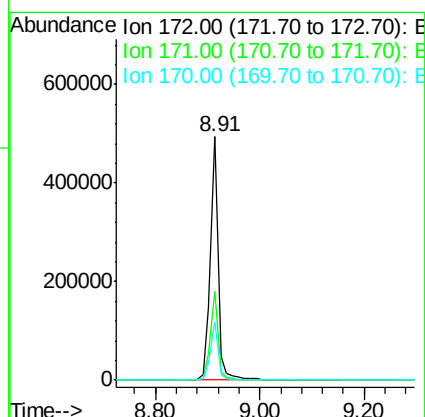
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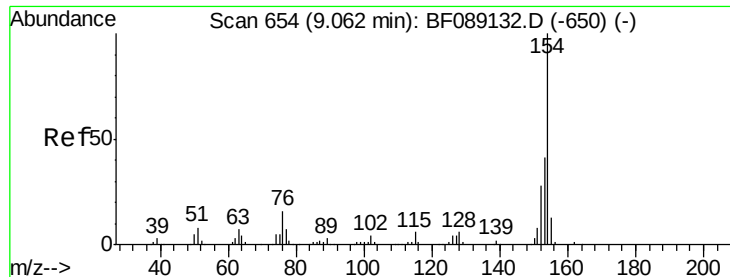
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#44
 2-Fluorobiphenyl
 Concen: 81.35 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		511682		
171	36.3	29.2	43.8		
170	23.7	19.1	28.7		





#45

1,1'-Biphenyl

Concen: 36.45 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

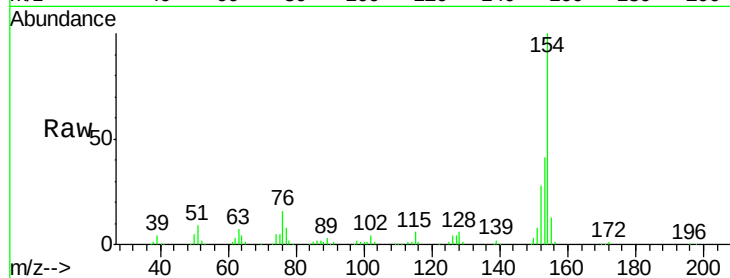
ClientSampleId :

SSTDCCC040

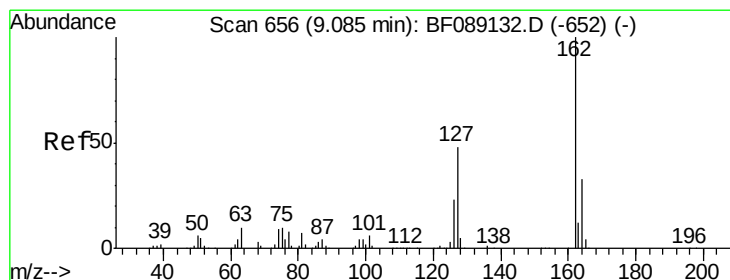
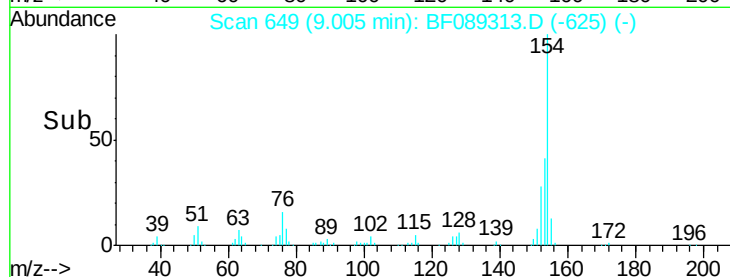
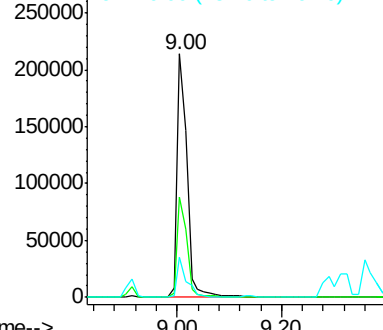
Tot Ion:	154	Resp:	284528
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.1	61.1
76	16.3	0.0	35.8

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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: 38.62 ng

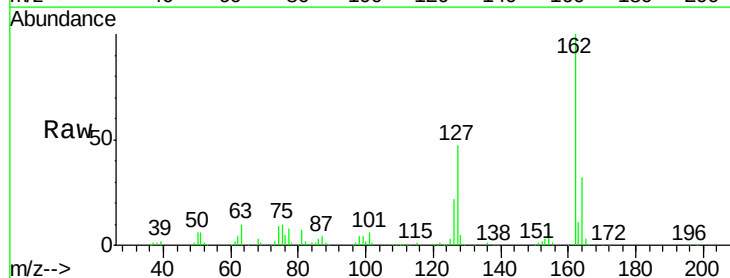
RT: 9.03 min Scan# 651

Delta R.T. -0.02 min

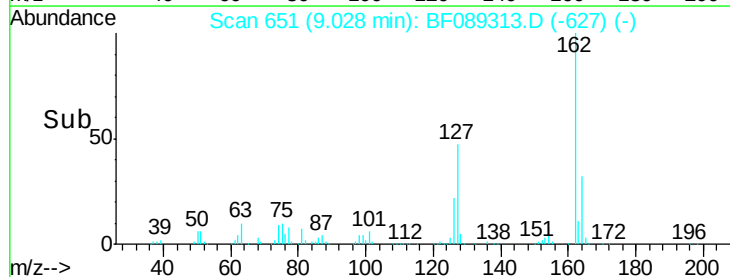
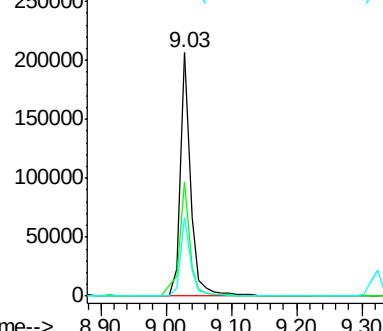
Lab File: BF089313.D

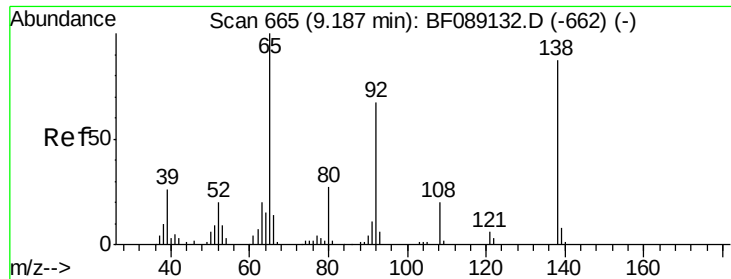
Acq: 26 Jul 2016 18:35

Tgt Ion:	162	Resp:	229038
Ion Ratio	Lower	Upper	
162	100		
127	46.9	38.1	57.1
164	32.2	26.1	39.1



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: 35.76 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

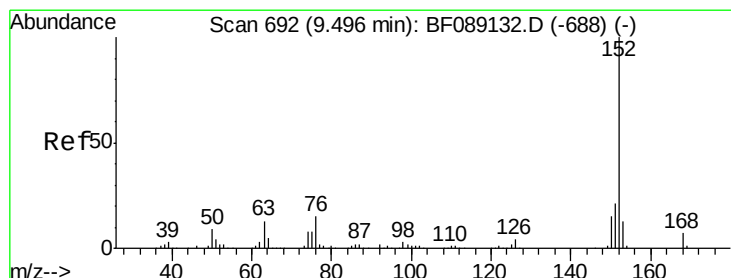
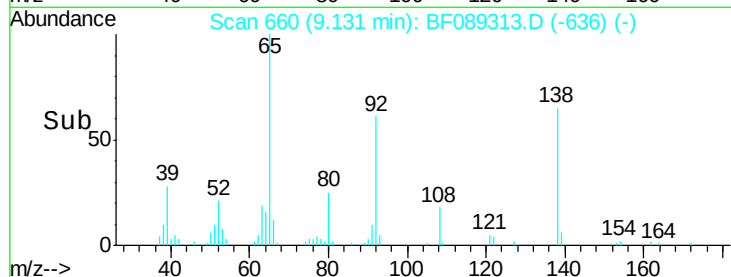
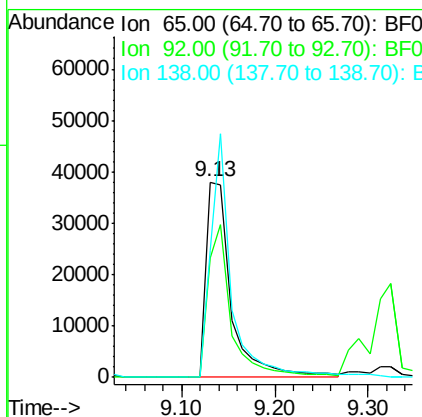
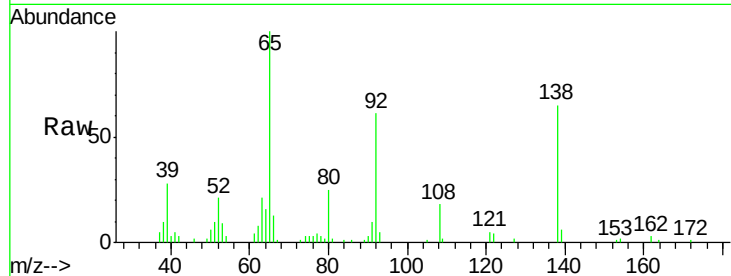
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	72752
Ion Ratio	Lower	Upper	
65	100		
92	61.4	53.2	79.8
138	65.5	69.4	104.2#

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#48

Acenaphthylene

Concen: 40.00 ng

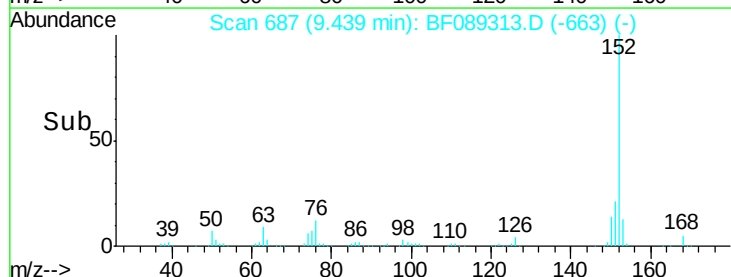
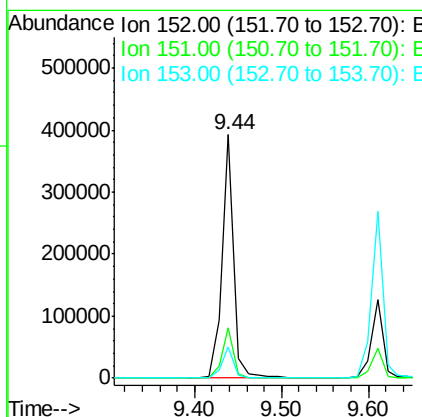
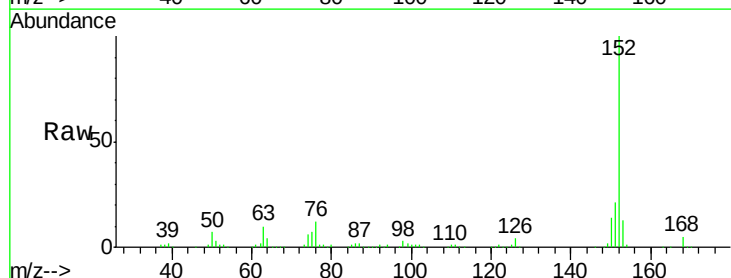
RT: 9.44 min Scan# 687

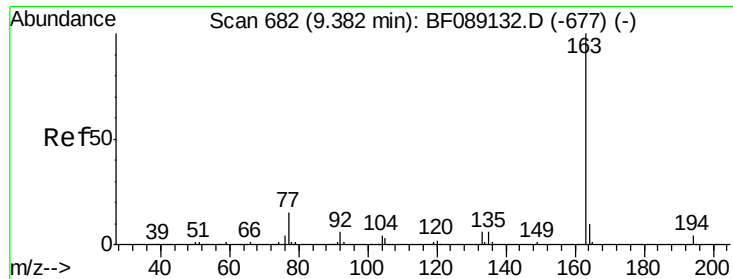
Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	152	Resp:	373003
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.5	24.7
153	12.8	10.7	16.1





#49

Dimethylphthalate

Concen: 39.11 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

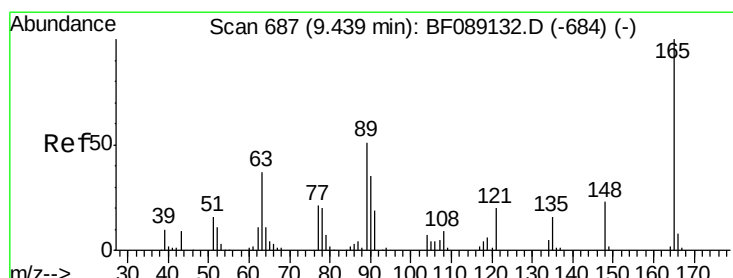
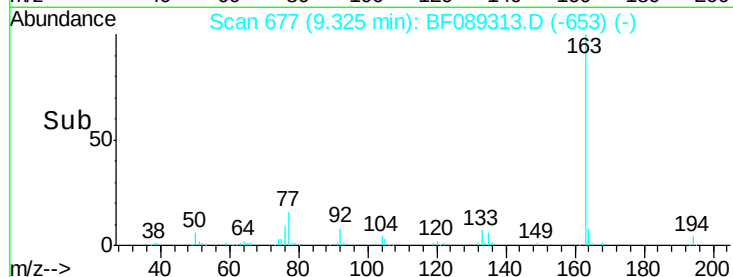
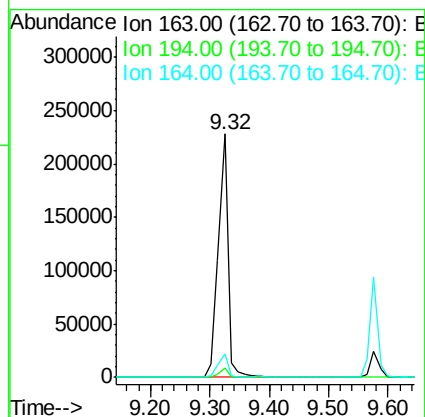
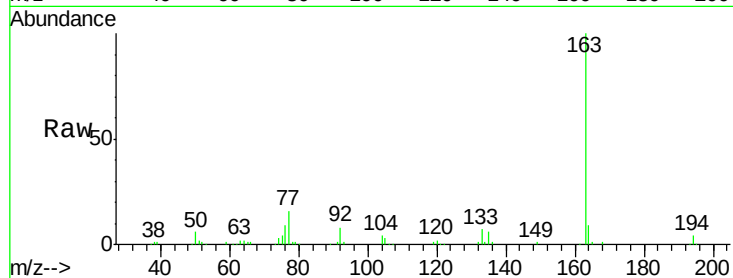
ClientSampleId :

SSTDCCC040

Tot Ion:	163	Resp:	260073
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	9.5	7.6	11.4

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#50

2,6-Dinitrotoluene

Concen: 39.03 ng

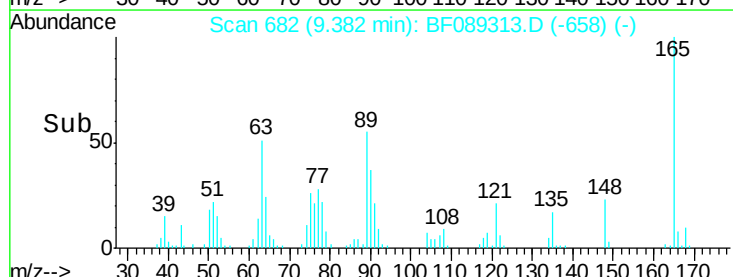
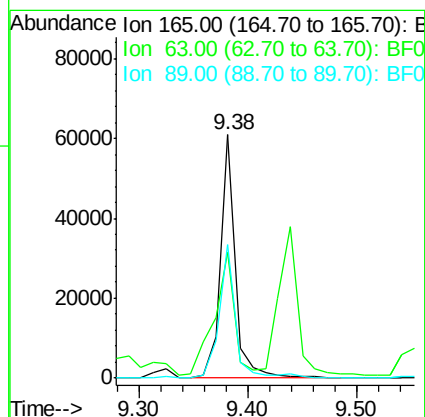
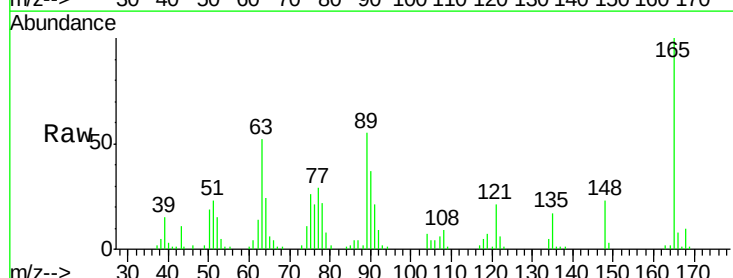
RT: 9.38 min Scan# 682

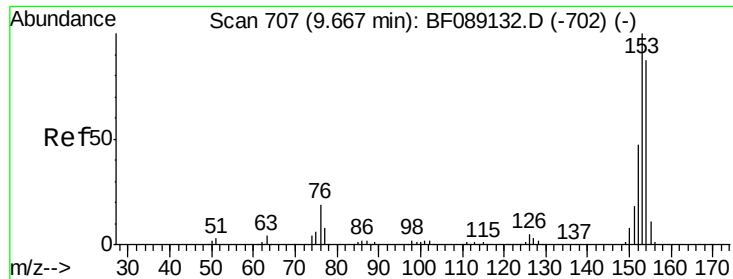
Delta R.T. -0.02 min

Lab File: BF089132.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	165	Resp:	58601
Ion Ratio	Lower	Upper	
165	100		
63	51.7	37.0	55.4
89	55.1	40.9	61.3





#51

Acenaphthene

Concen: 39.38 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

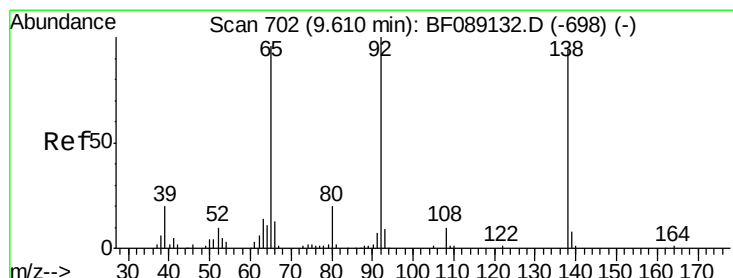
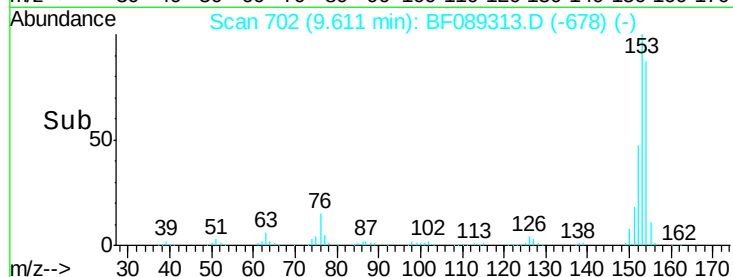
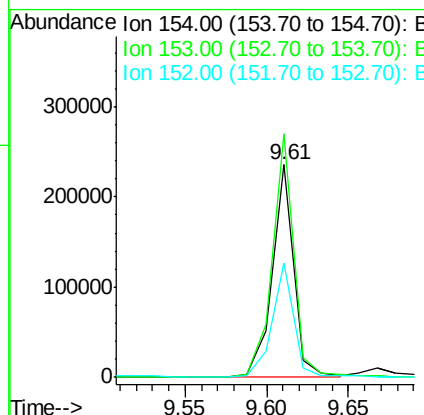
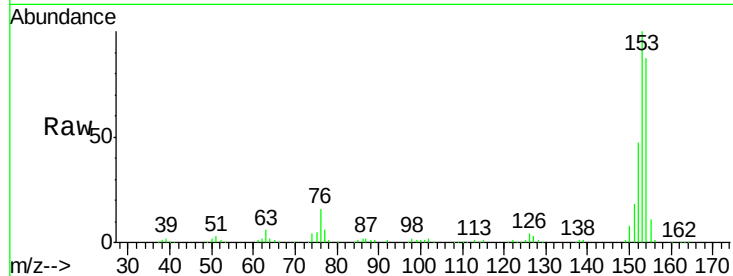
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	217224
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.9	137.9
152	54.0	42.8	64.2

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#52

3-Nitroaniline

Concen: 35.95 ng

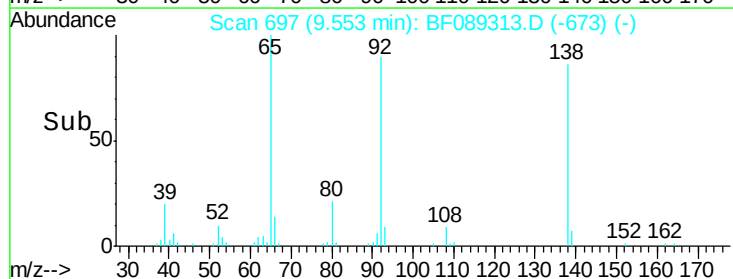
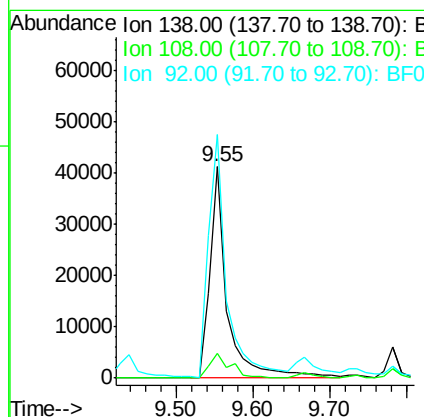
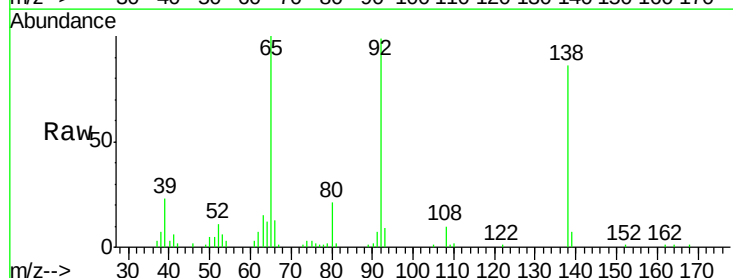
RT: 9.55 min Scan# 697

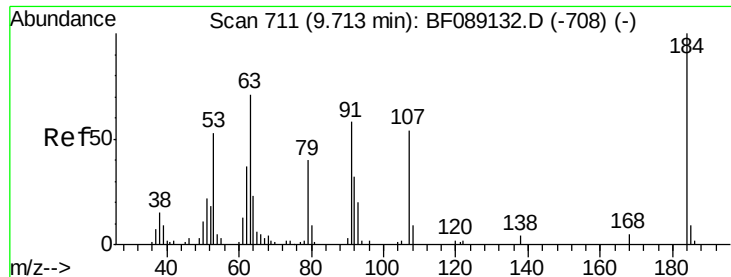
Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	138	Resp:	64103
Ion Ratio	Lower	Upper	
138	100		
108	11.5	8.8	13.2
92	115.3	85.3	127.9





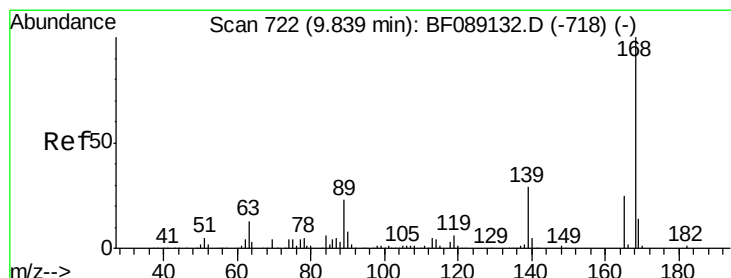
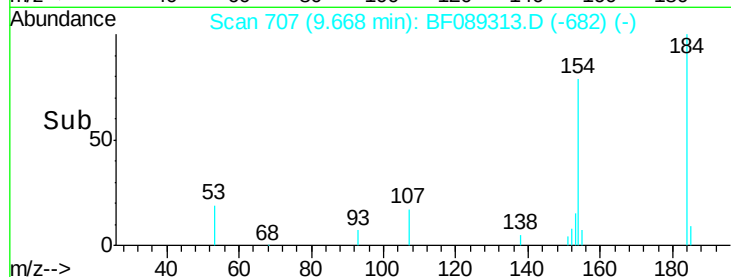
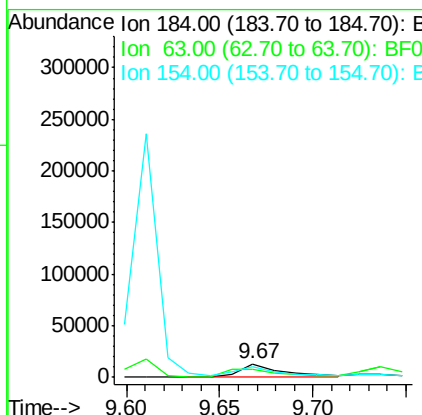
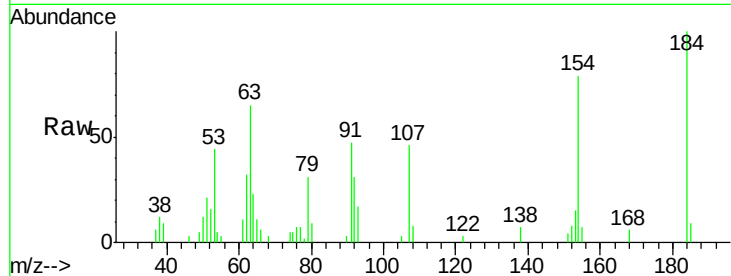
#53
 2,4-Dinitrophenol
 Concen: 33.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	184	Resp:	20976
Ion Ratio	Lower	Upper	
184	100		
63	65.0	60.3	90.5
154	79.4	60.7	91.1

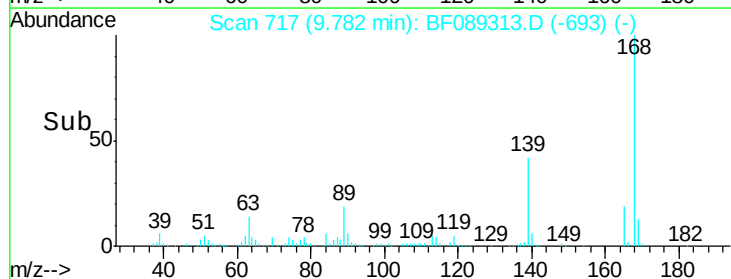
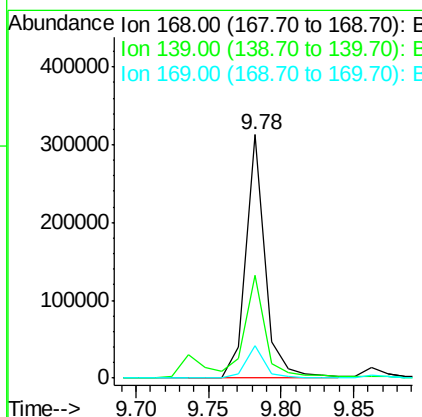
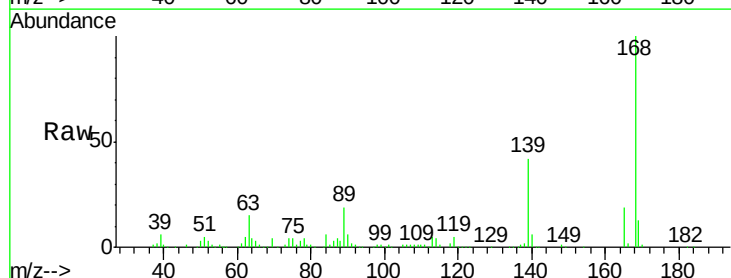
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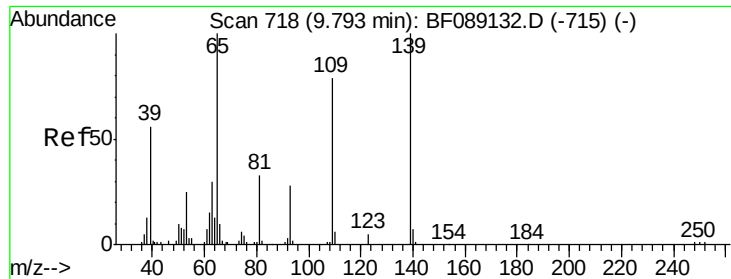
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#54
 Dibenzofuran
 Concen: 39.09 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion:	168	Resp:	291341
Ion Ratio	Lower	Upper	
168	100		
139	42.1	34.4	51.6
169	13.2	10.8	16.2





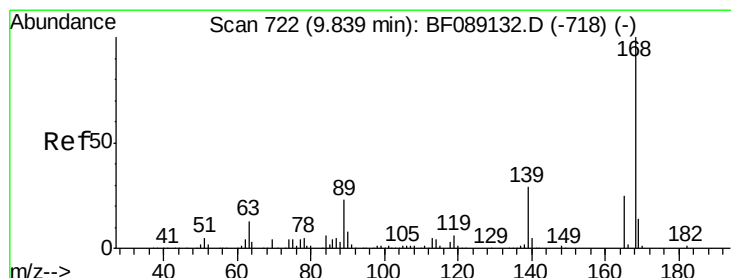
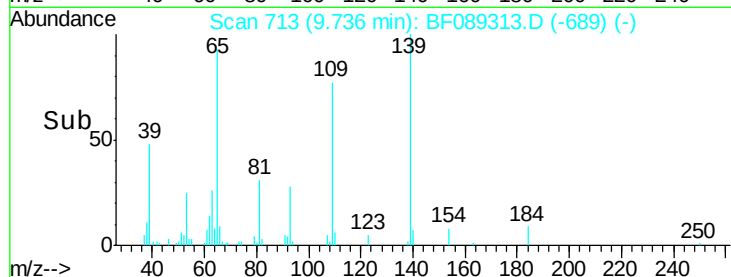
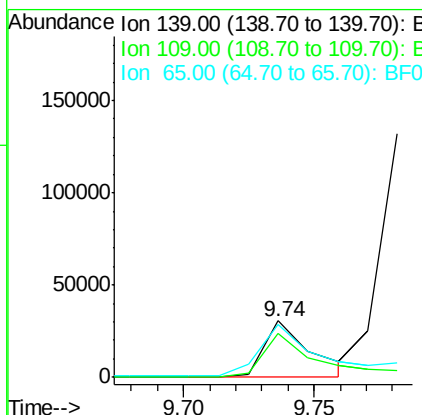
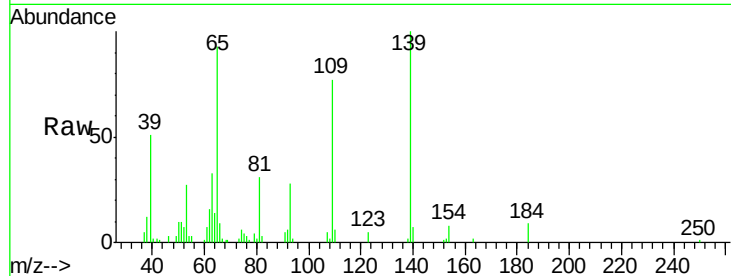
#55
4-Nitrophenol
Concen: 35.29 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.9	58.7	98.7
65	93.5	80.2	120.2

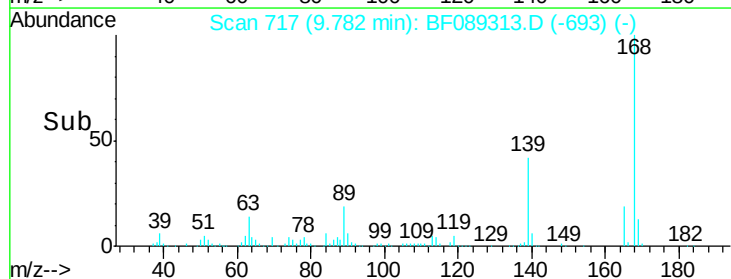
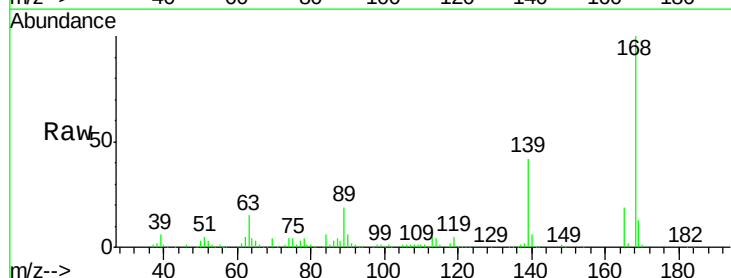
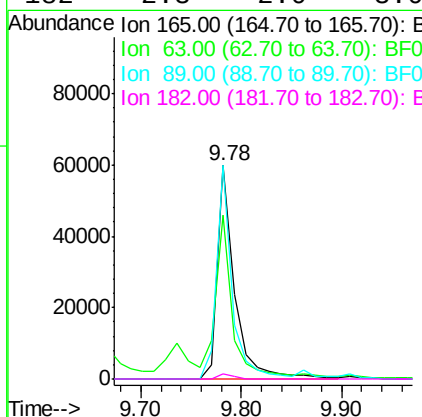
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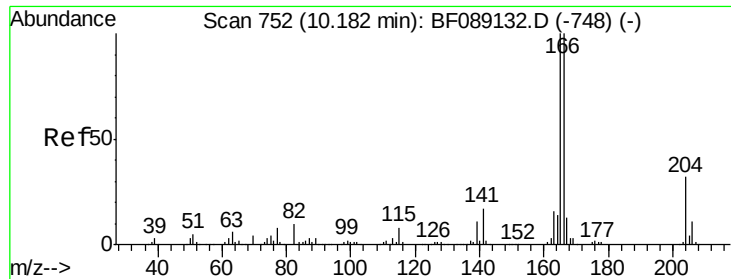
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#56
2,4-Dinitrotoluene
Concen: 37.17 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.6	55.4	83.2
89	99.9	74.3	111.5
182	2.3	2.0	3.0





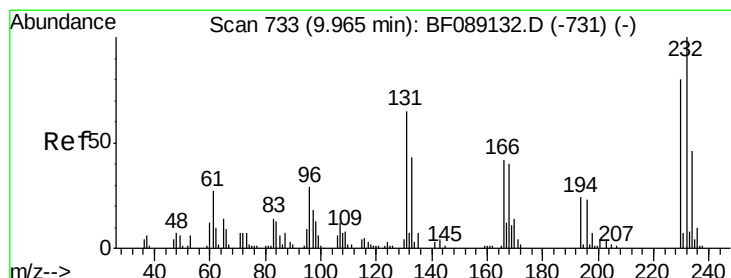
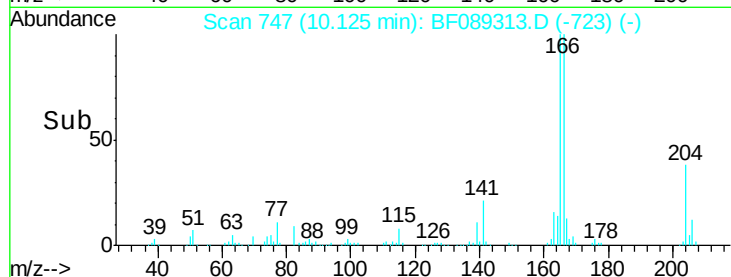
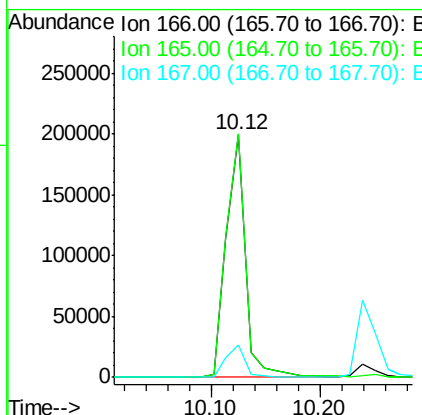
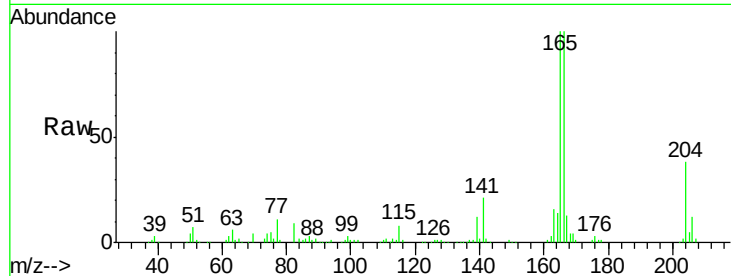
#57
Fluorene
Concen: 38.57 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF089132.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.9	119.9
167	13.2	10.7	16.1

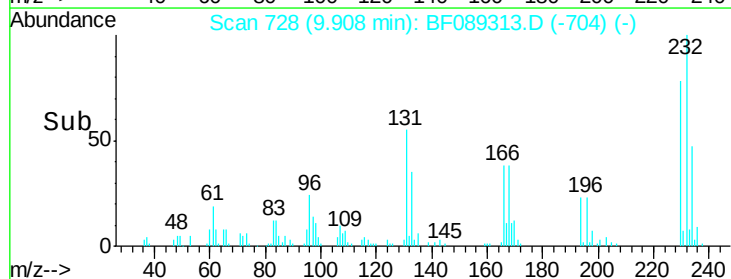
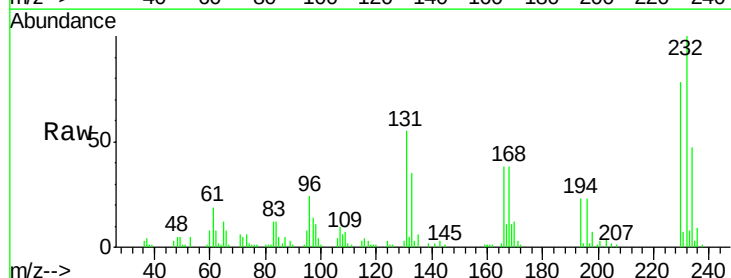
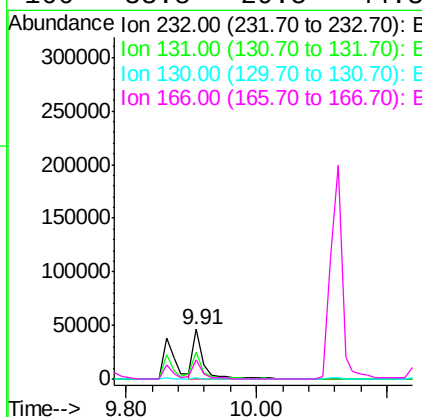
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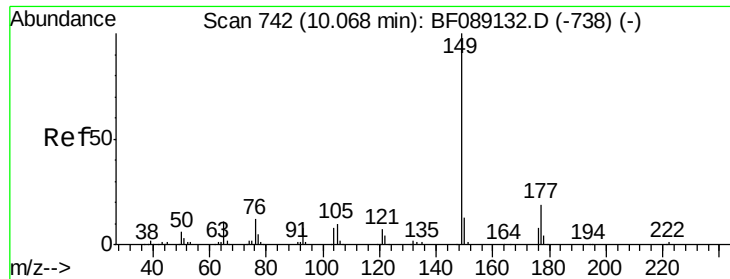
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#58
2,3,4,6-Tetrachlorophenol
Concen: 40.65 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF089132.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.9	46.2	69.2
130	2.3	2.3	3.5
166	33.8	29.5	44.3





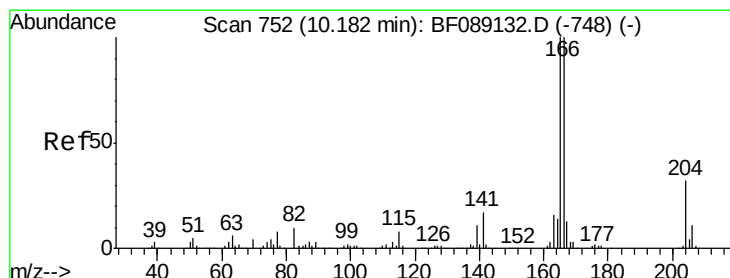
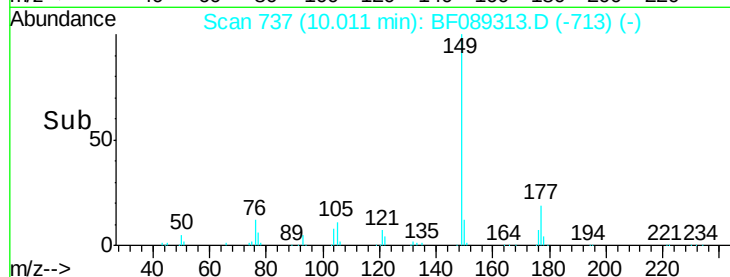
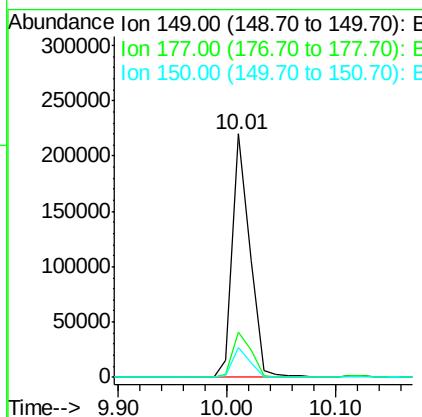
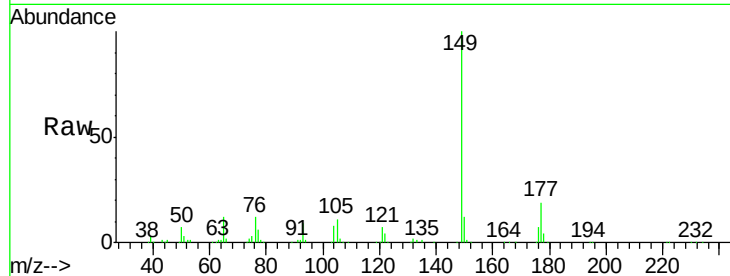
#59
Diethylphthalate
Concen: 36.89 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	18.6	15.6	23.4
150	12.2	10.1	15.1

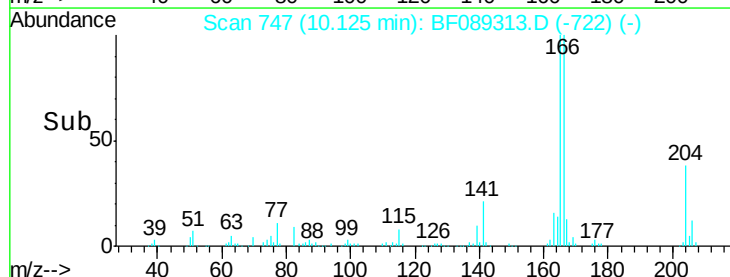
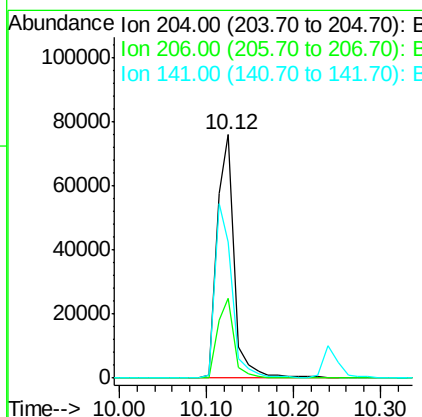
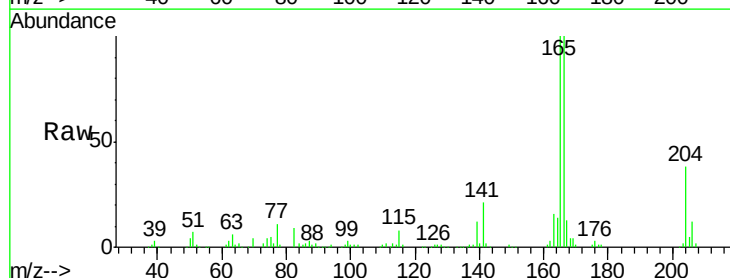
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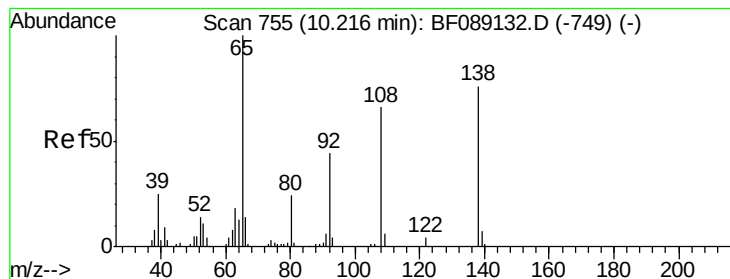
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#60
4-Chlorophenyl-phenylether
Concen: 36.52 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.4
141	55.9	42.2	63.4





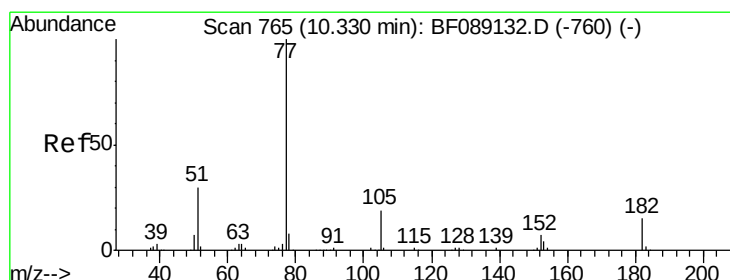
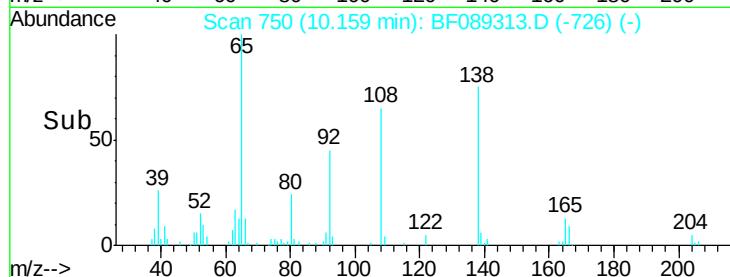
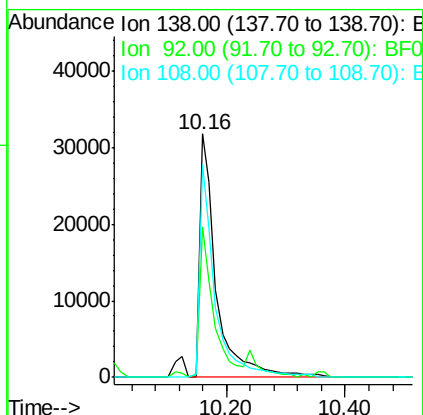
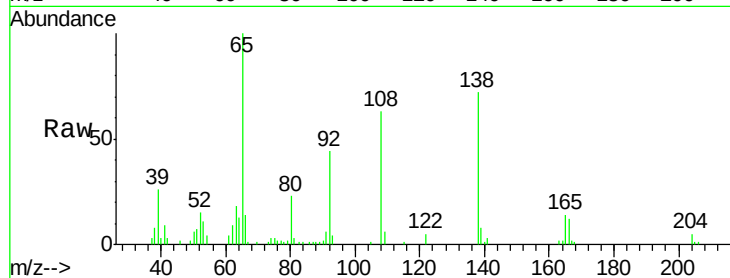
#61
4-Nitroaniline
Concen: 36.41 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 63177
Ion Ratio Lower Upper
138 100
92 61.5 37.2 77.2
108 87.6 66.1 106.1

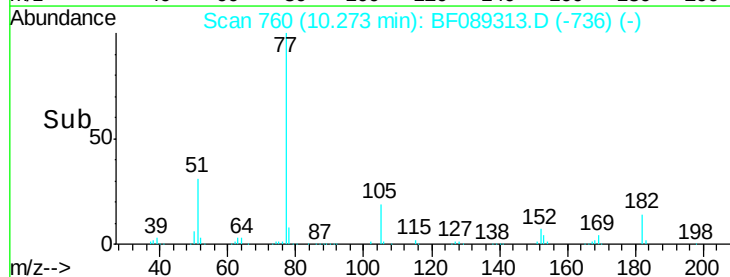
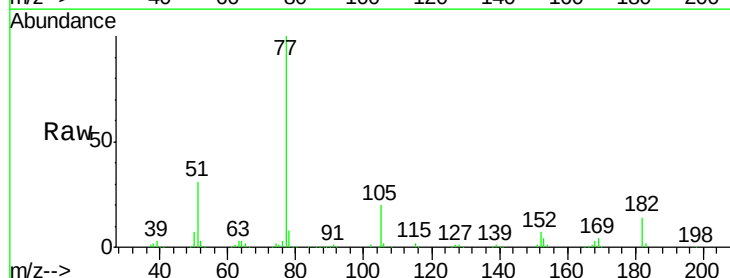
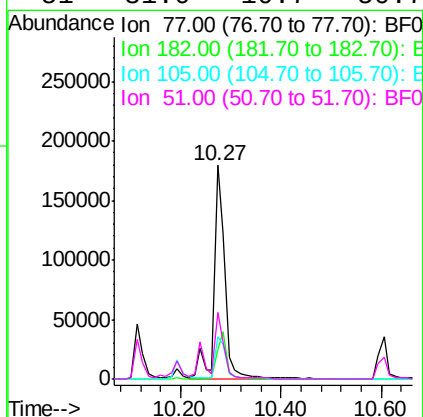
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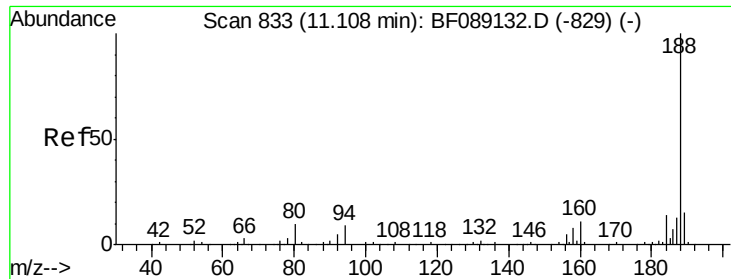
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#62
Azobenzene
Concen: 37.17 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion: 77 Resp: 266410
Ion Ratio Lower Upper
77 100
182 13.8 0.0 35.0
105 19.7 0.0 39.4
51 31.0 10.7 50.7





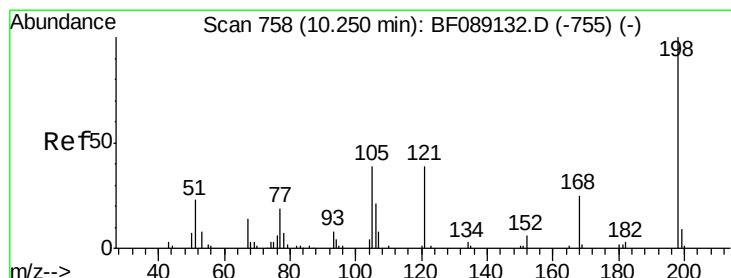
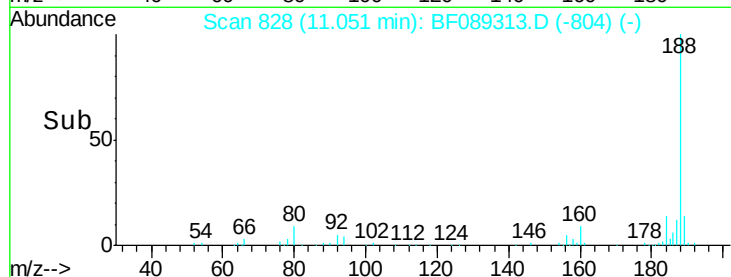
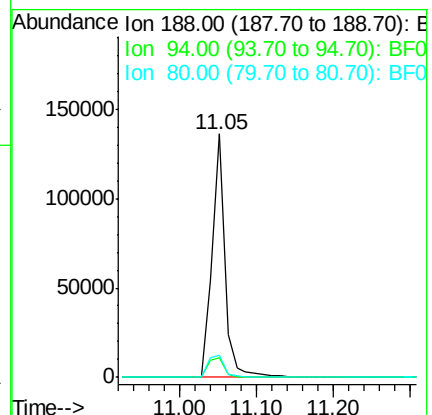
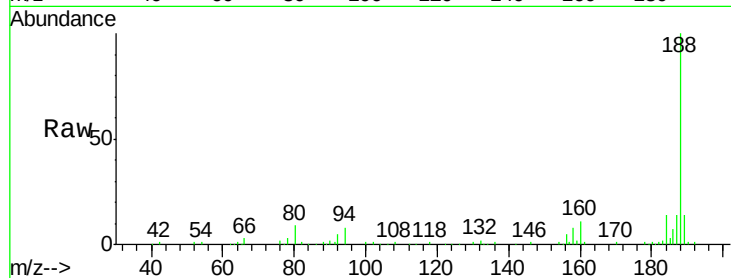
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	158735		
94	7.8		7.0	10.4
80	9.2		7.7	11.5

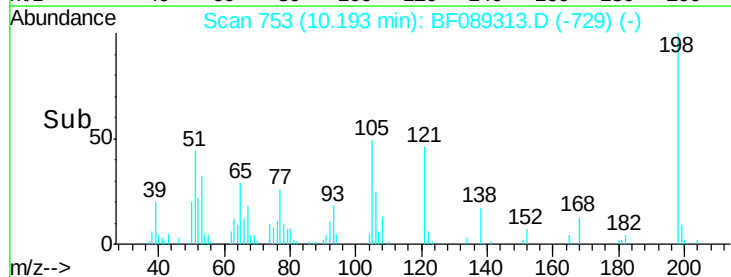
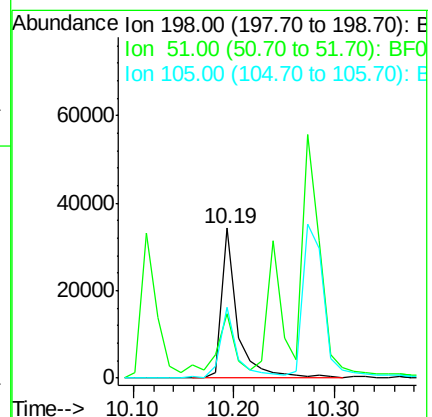
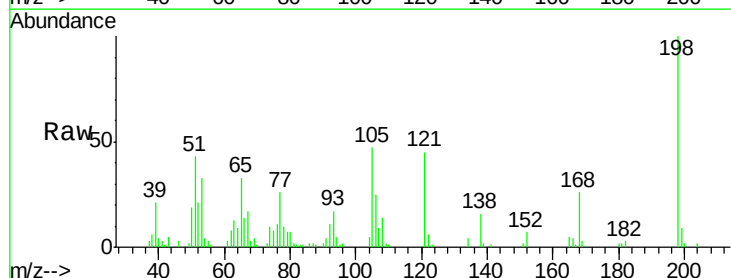
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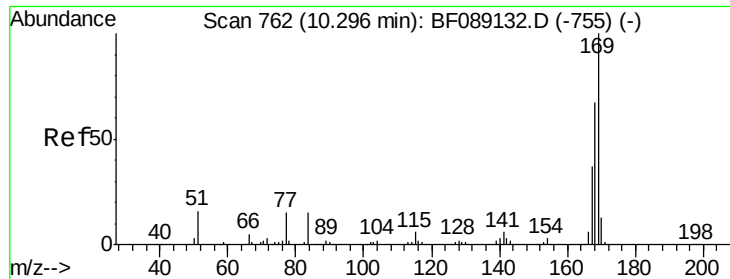
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.65 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	37566		
51	43.1		11.7	51.7
105	47.4		20.3	60.3





#65

n-Nitrosodiphenylamine

Concen: 39.83 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

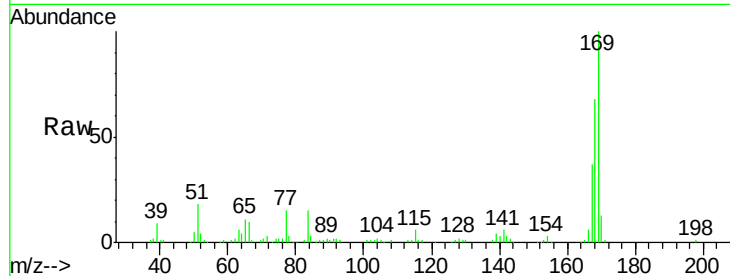
ClientSampleId :

SSTDCCC040

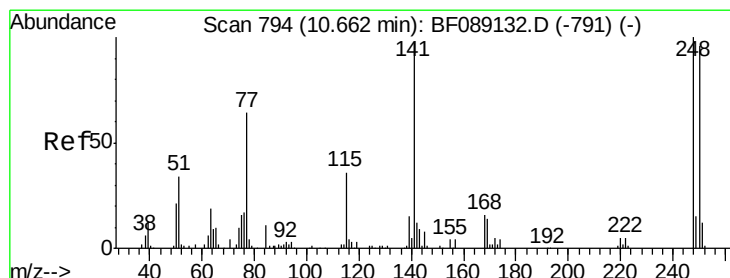
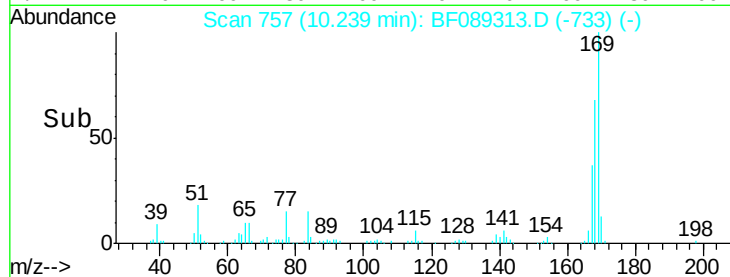
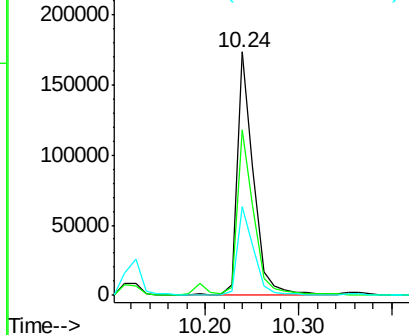
Tot Ion:	169	Resp:	211307
Ion Ratio	Lower	Upper	
169	100		
168	68.2	53.4	80.0
167	36.6	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.98 ng

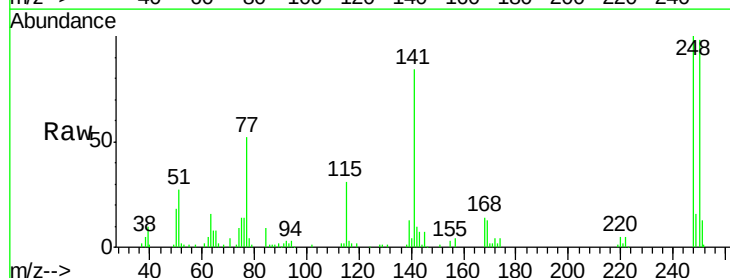
RT: 10.60 min Scan# 789

Delta R.T. -0.02 min

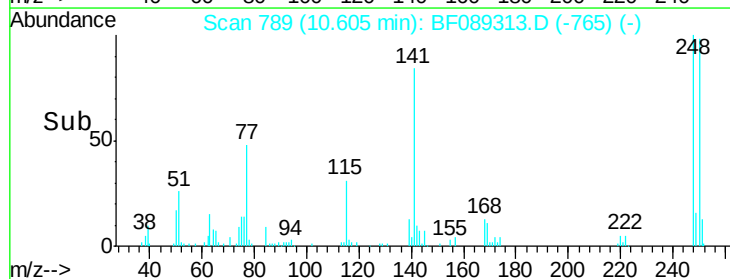
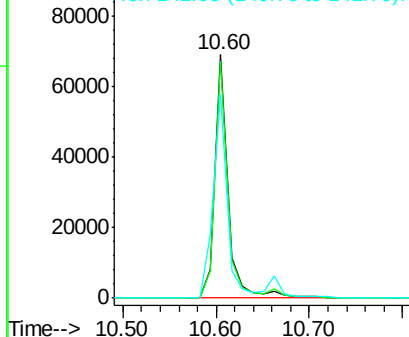
Lab File: BF089313.D

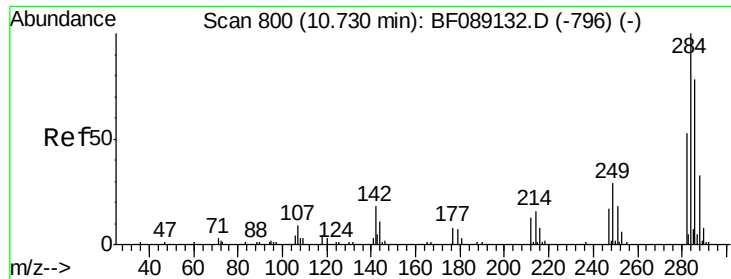
Acq: 26 Jul 2016 18:35

Tgt Ion:	248	Resp:	67508
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.9	115.3
141	83.6	77.4	116.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





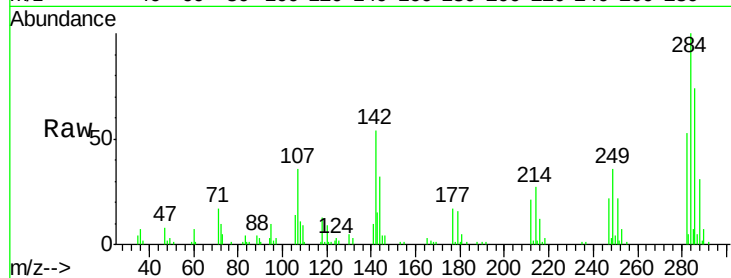
#67
Hexachlorobenzene
Concen: 37.55 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

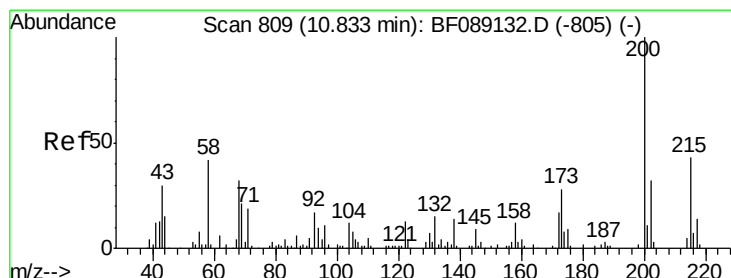
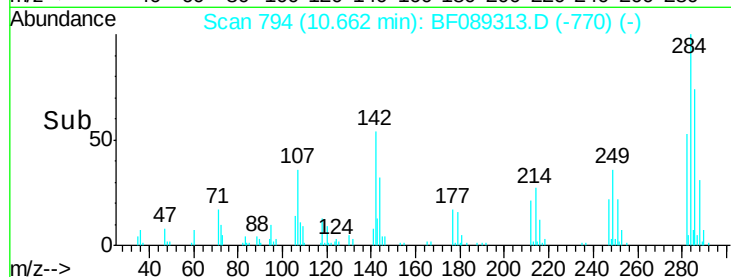
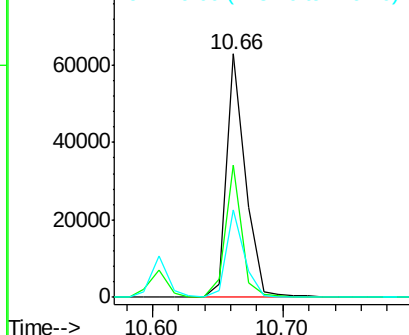
Tot Ion	Ratio	Lower	Upper
284	100		
142	54.5	14.1	21.1#
249	36.1	23.0	34.4#

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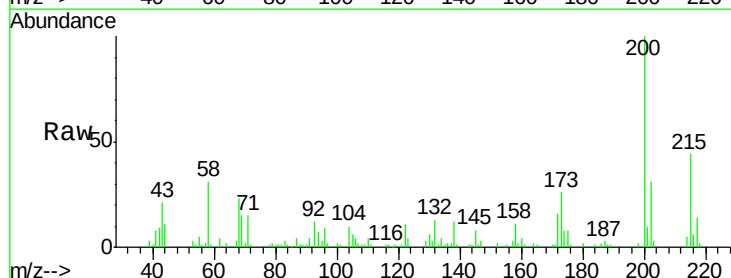


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

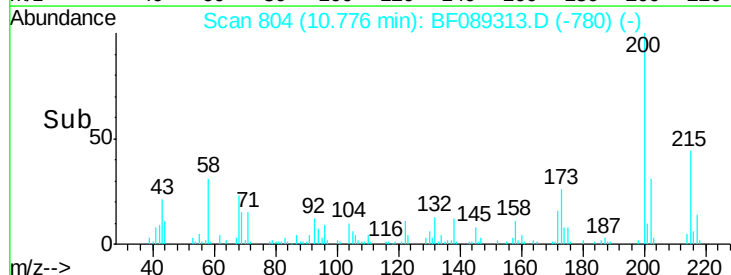
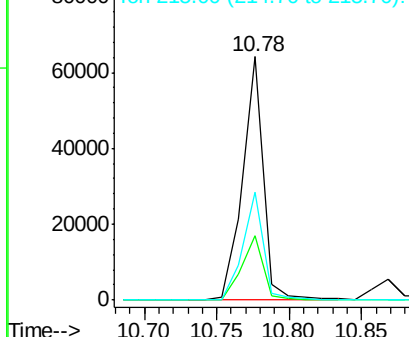


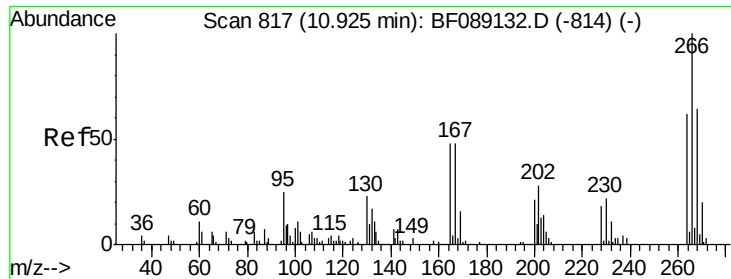
#68
Atrazine
Concen: 38.43 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.8	47.8
215	44.3	22.9	62.9



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





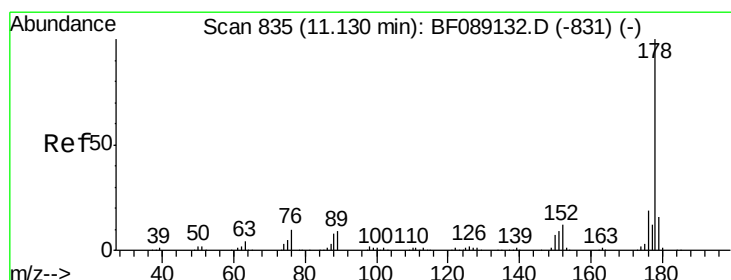
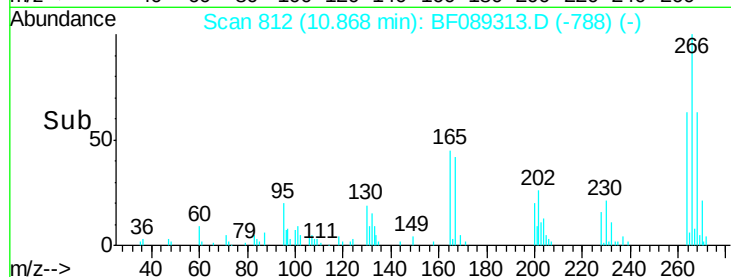
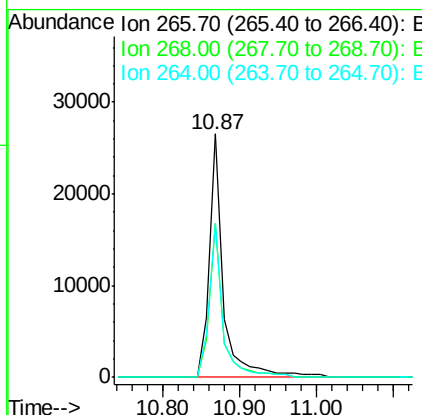
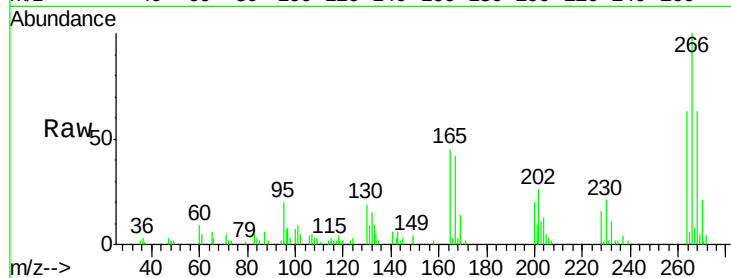
#69
 Pentachlorophenol
 Concen: 42.83 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.2	76.8
264	63.4	49.7	74.5

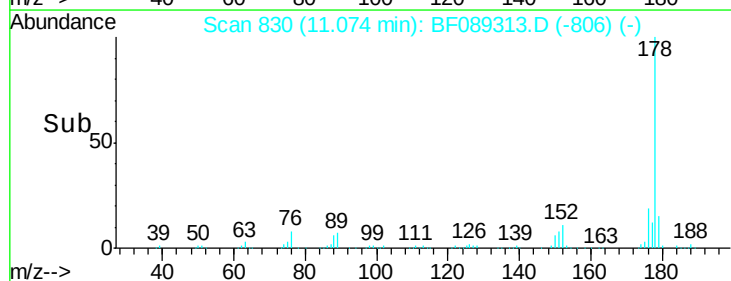
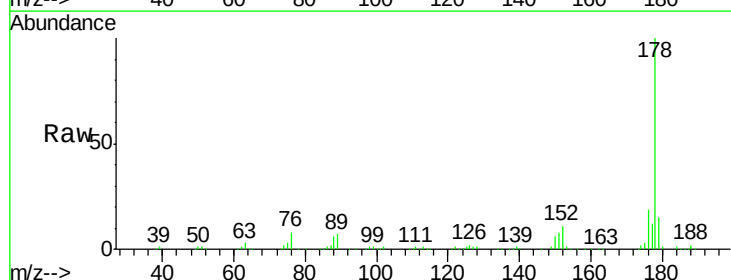
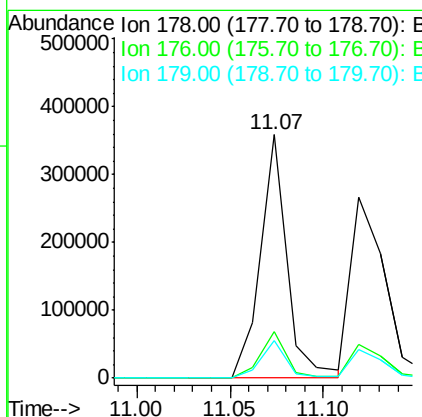
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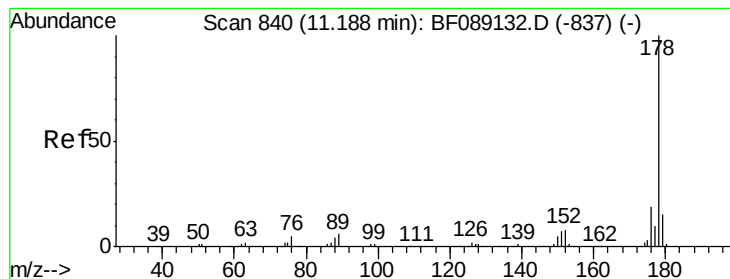
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#70
 Phenanthrene
 Concen: 40.67 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.3	12.4	18.6





#71

Anthracene

Concen: 39.77 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

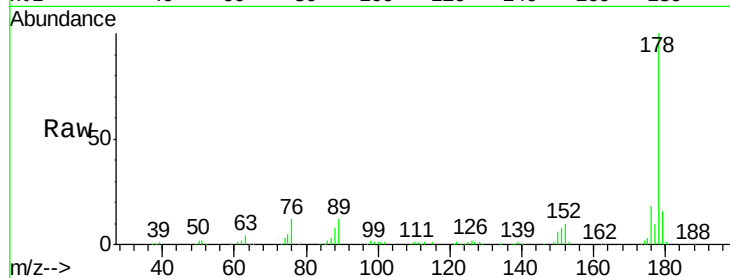
ClientSampleId :

SSTDCCC040

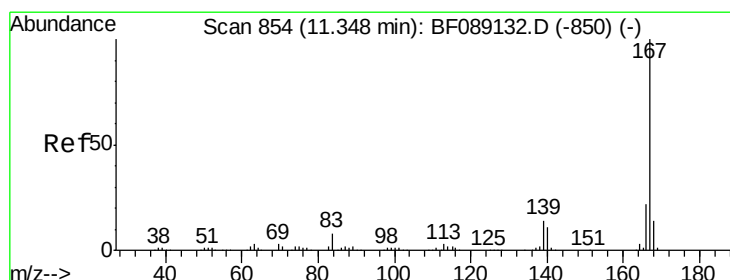
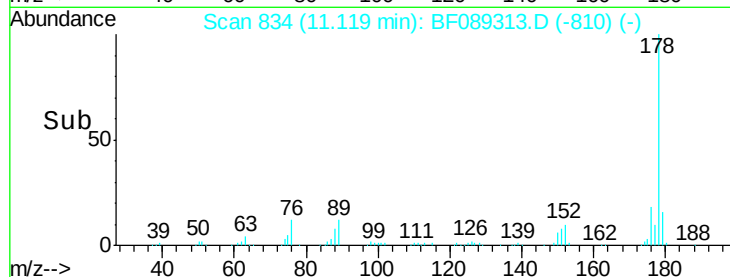
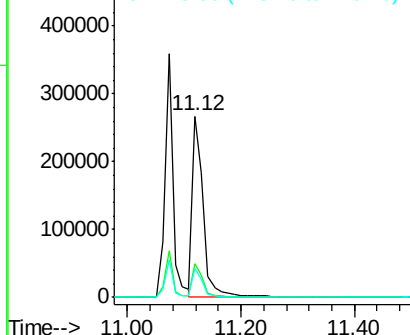
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.6	12.0	18.0

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



#72

Carbazole

Concen: 39.93 ng

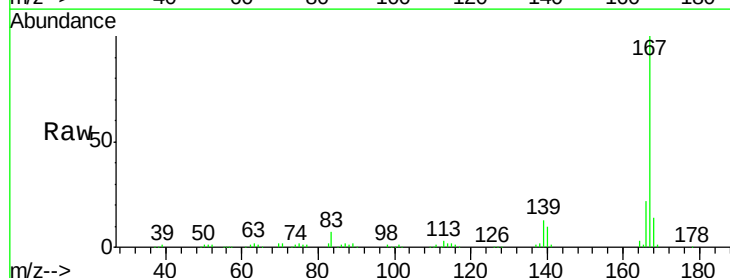
RT: 11.29 min Scan# 849

Delta R.T. -0.01 min

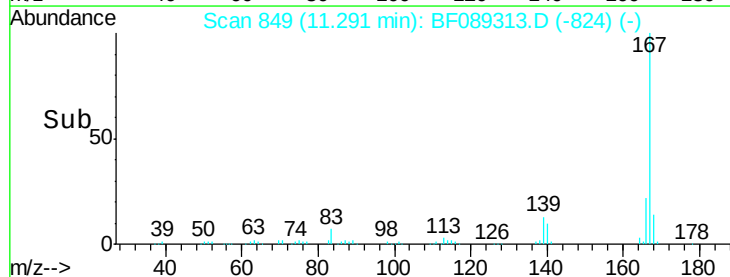
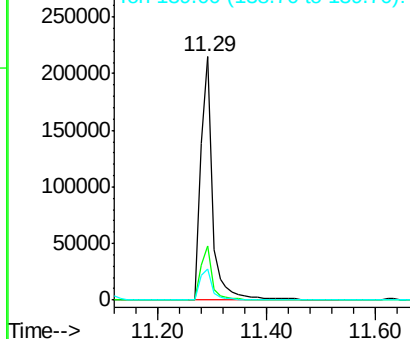
Lab File: BF089313.D

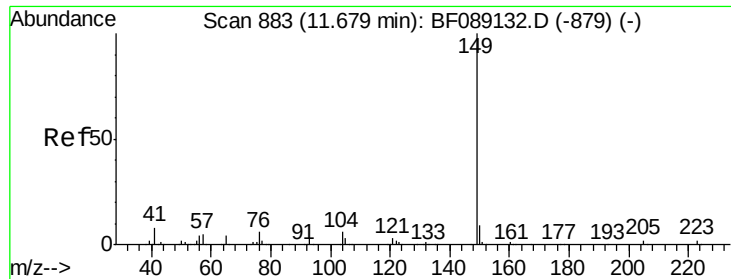
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	12.8	11.0	16.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.51 ng

RT: 11.62 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

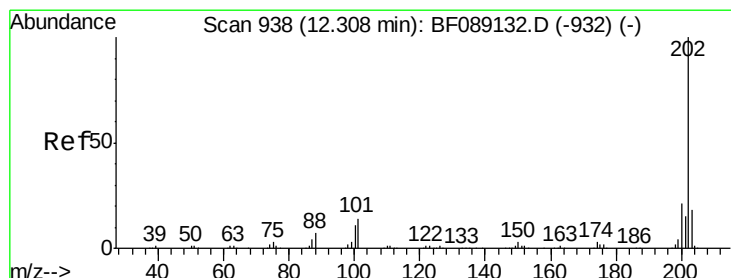
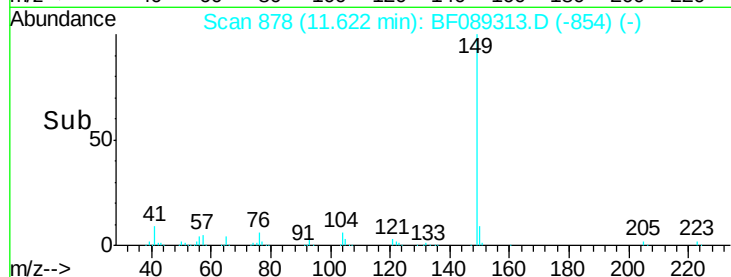
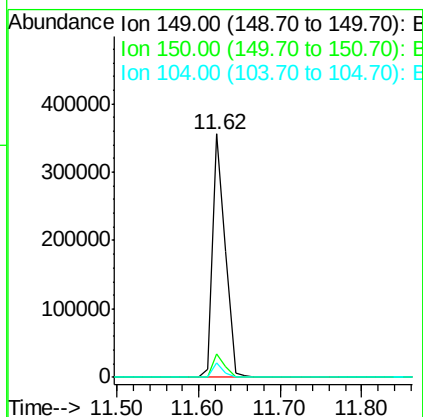
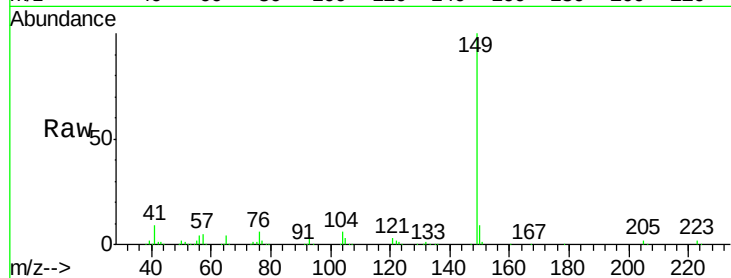
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	388484
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.2
104	5.8	4.6	6.8

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#74

Fluoranthene

Concen: 41.53 ng

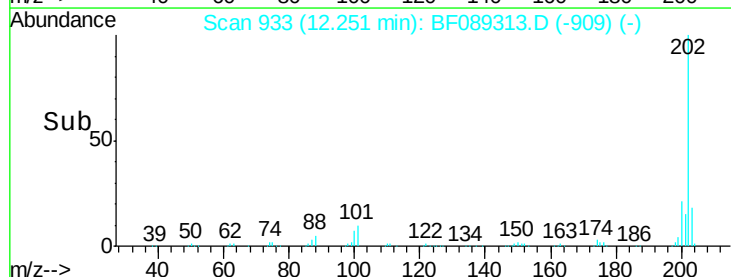
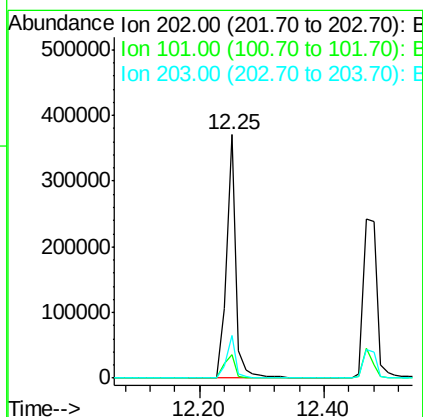
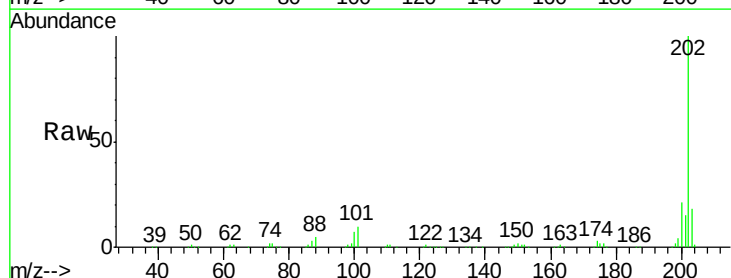
RT: 12.25 min Scan# 933

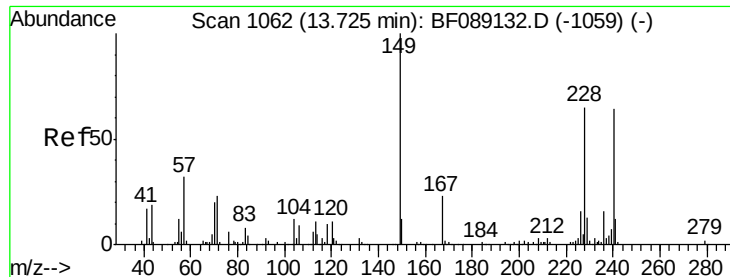
Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	202	Resp:	380132
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	34.0
203	17.7	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

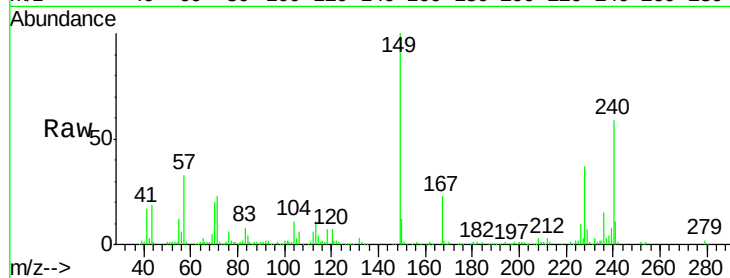
ClientSampleId :

SSTDCCC040

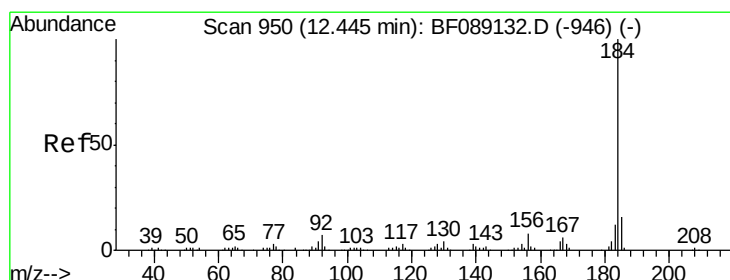
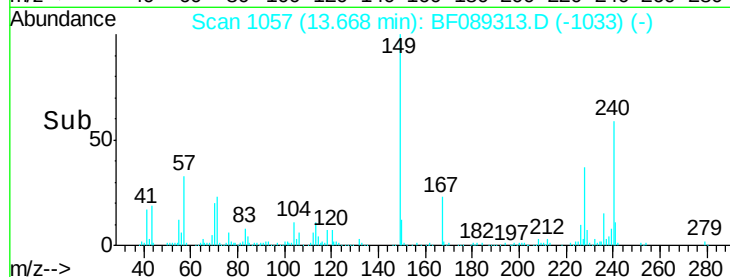
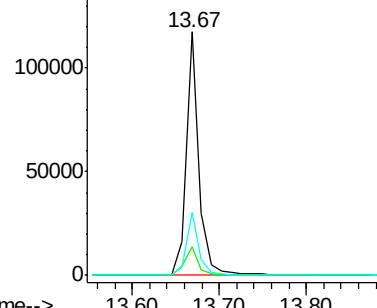
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	13.6	20.4#
236	25.7	20.5	30.7

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



#76

Benzidine

Concen: 42.41 ng

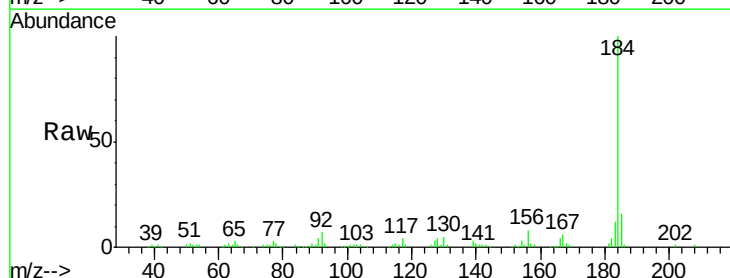
RT: 12.39 min Scan# 945

Delta R.T. -0.02 min

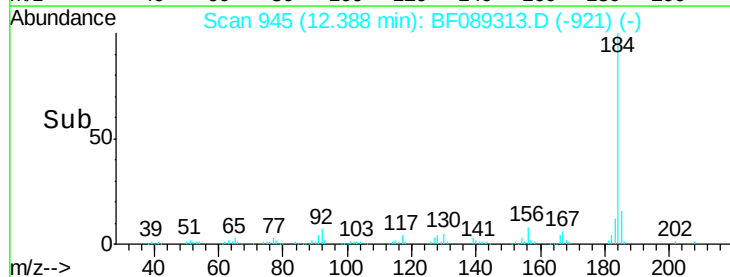
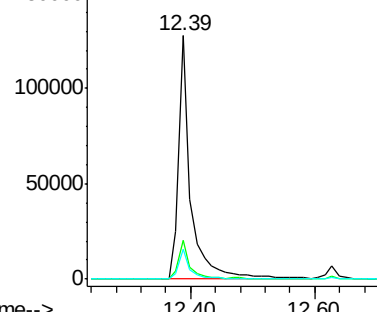
Lab File: BF089313.D

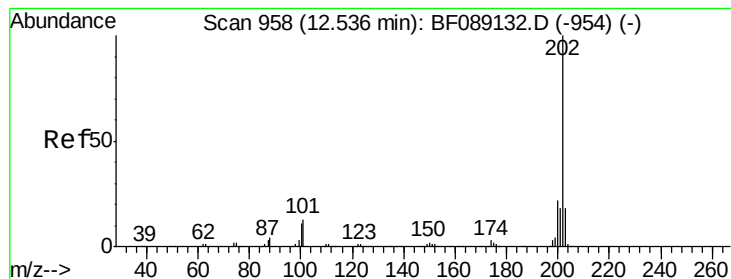
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.5	18.7
183	12.2	9.6	14.4



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





#77

Pvrene

Concen: 36.48 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

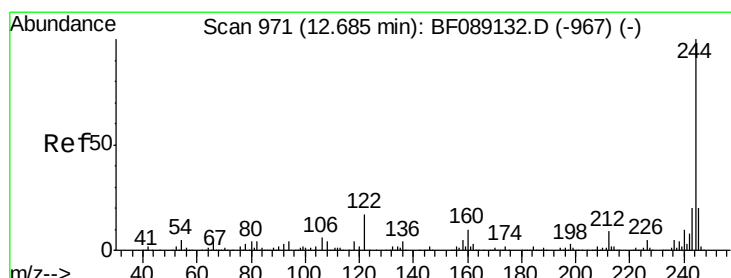
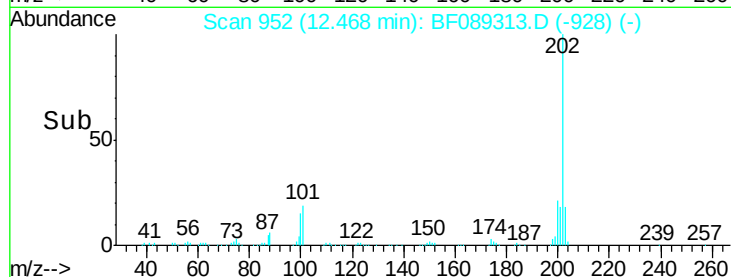
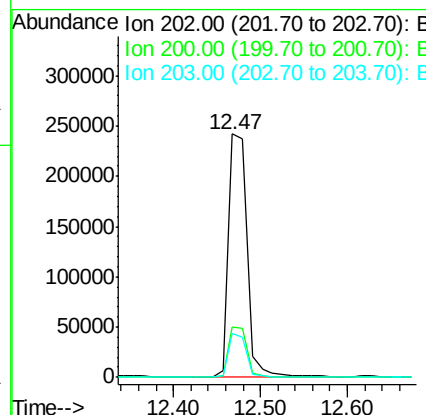
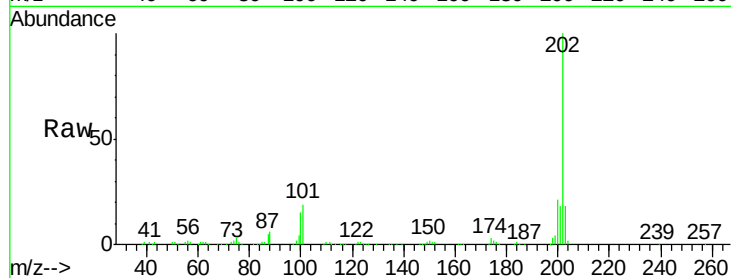
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.0
203	17.8	14.2	21.2

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#78

Terphenyl-d14

Concen: 74.14 ng

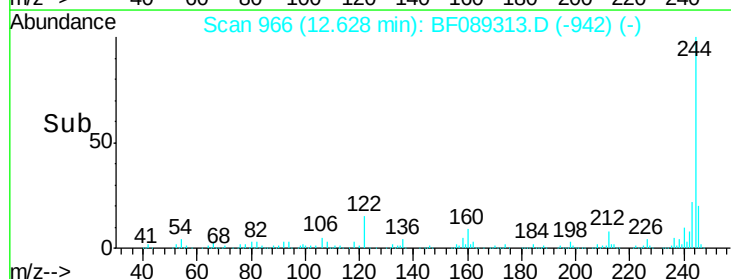
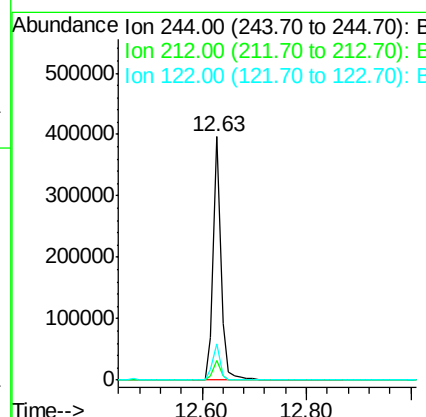
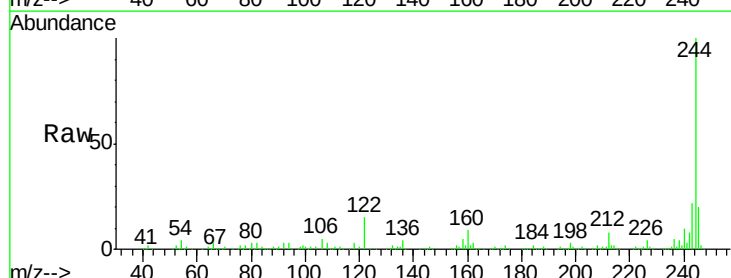
RT: 12.63 min Scan# 966

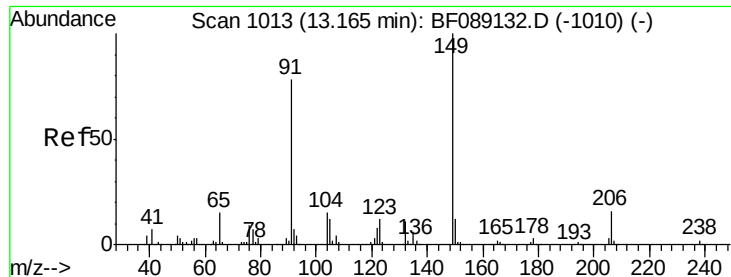
Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	14.7	13.8	20.8





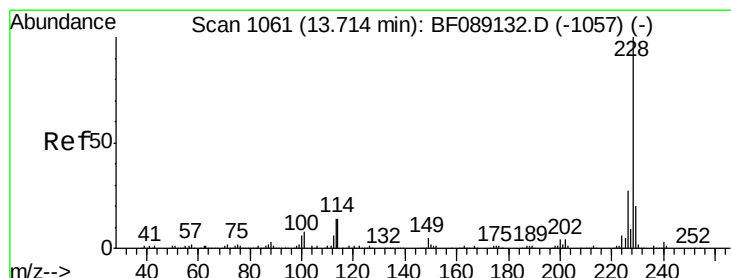
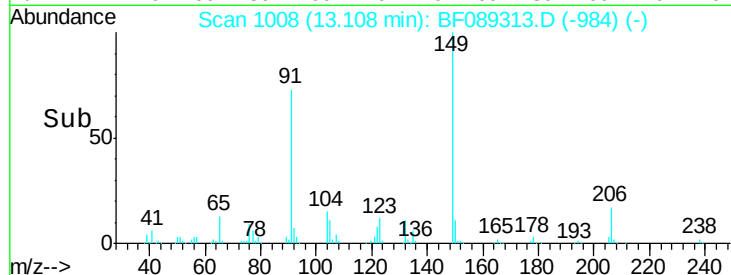
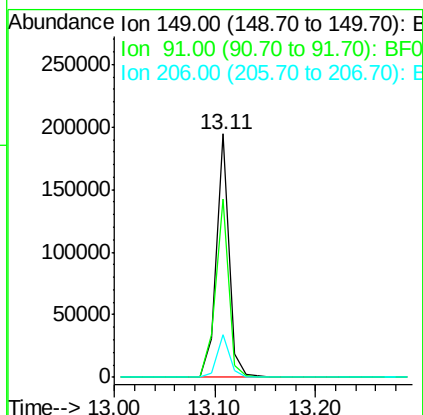
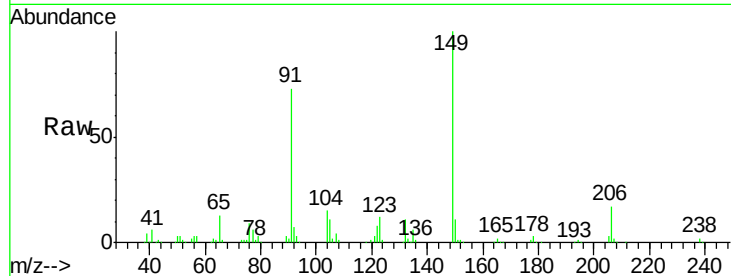
#79
Butylbenzylphthalate
Concen: 40.94 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	62.6	93.8
206	17.3	13.2	19.8

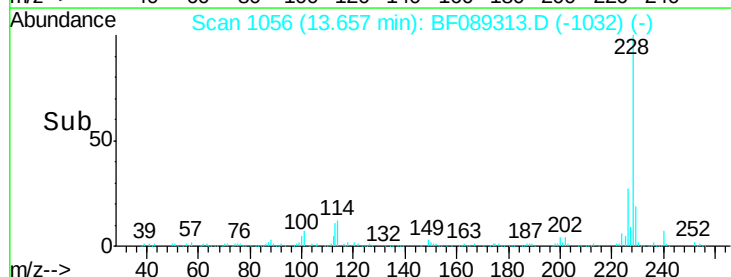
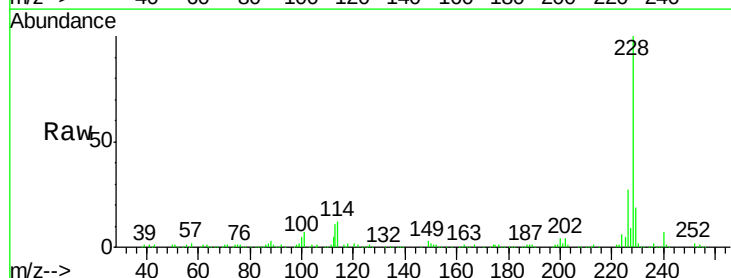
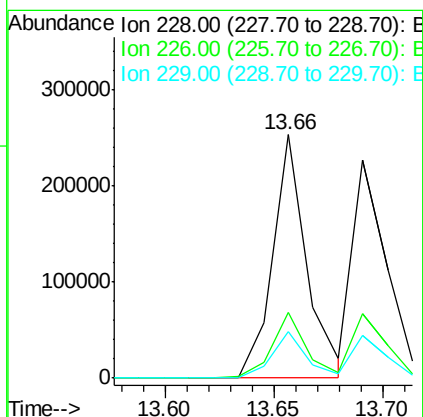
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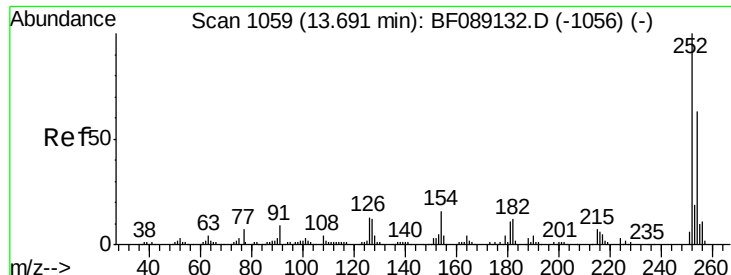
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#80
Benzo(a)anthracene
Concen: 36.49 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.3	15.8	23.8





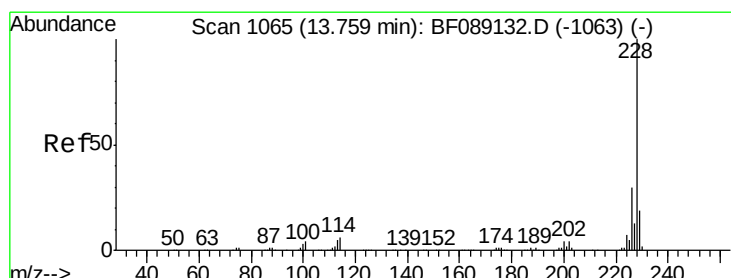
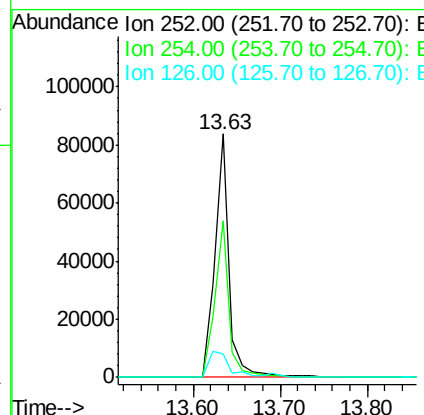
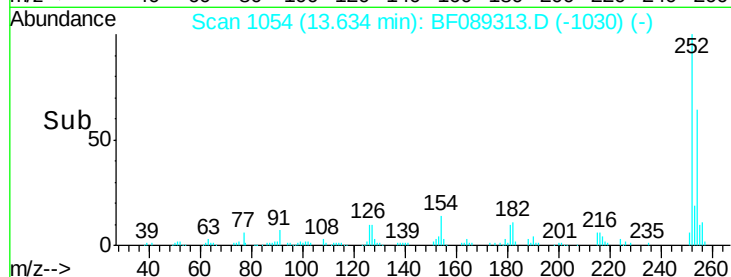
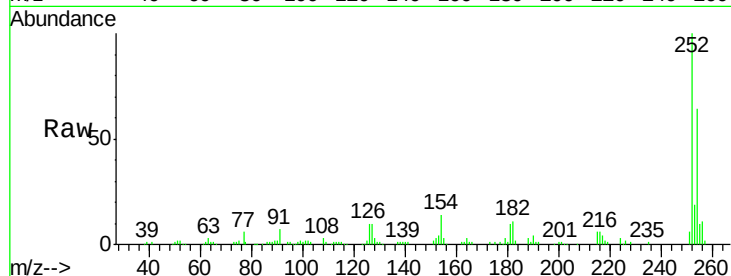
#81
 3,3'-Dichlorobenzidine
 Concen: 37.78 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	9.8	10.2	15.2#

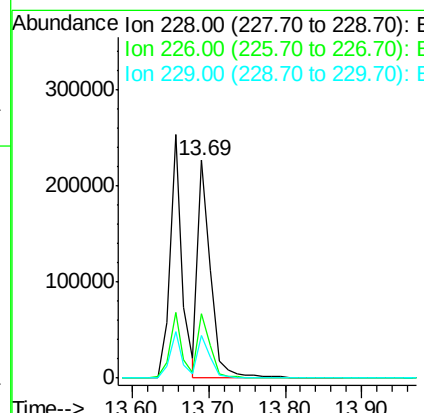
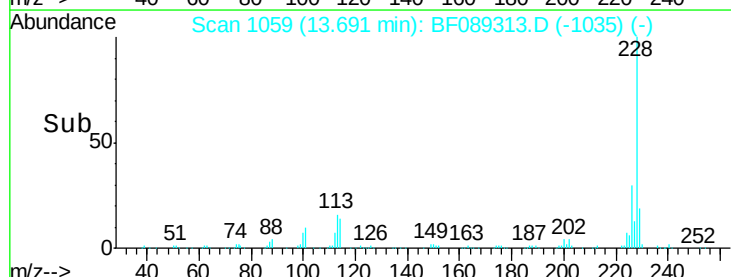
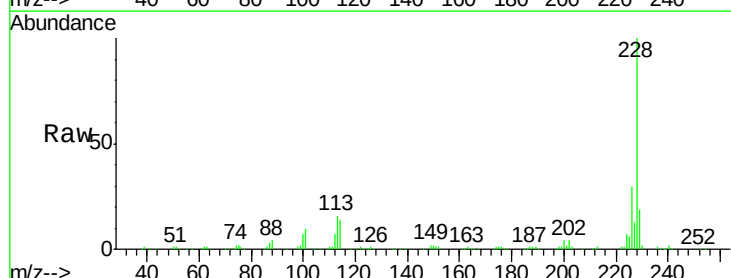
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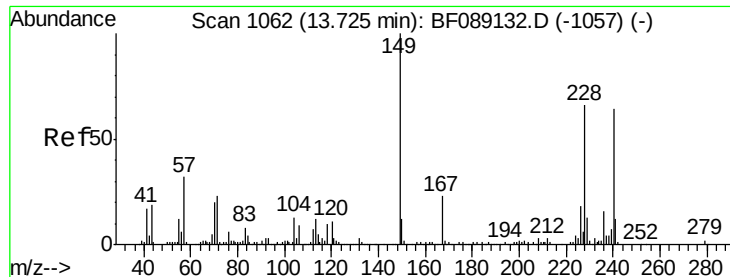
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#82
 Chrysene
 Concen: 35.71 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.02 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.81 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Instrument :

BNA_F

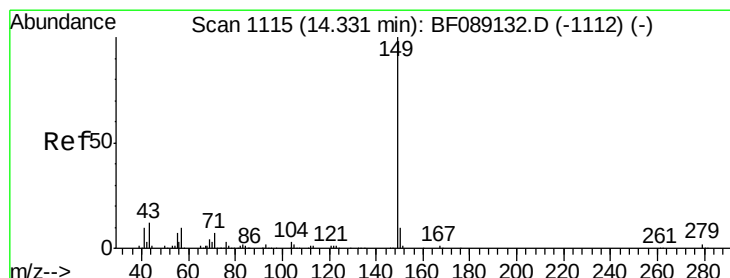
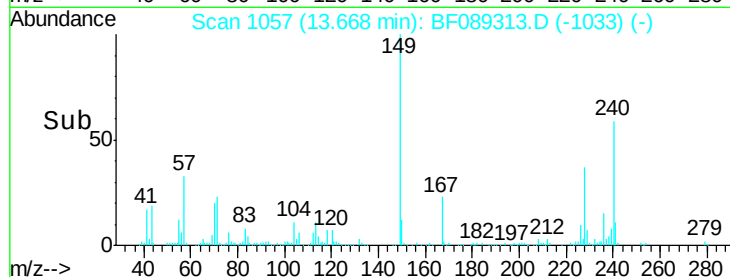
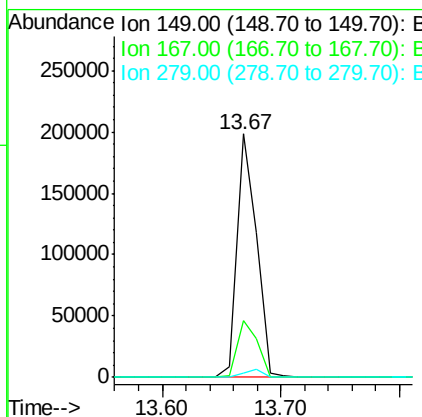
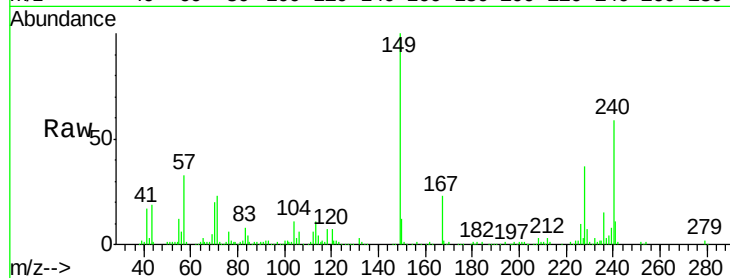
ClientSampled :

SSTDCCC040

Tot Ion:	149	Resp:	226747
Ion Ratio	Lower	Upper	
149	100		
167	23.4	18.6	28.0
279	1.7	1.6	2.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.20 ng

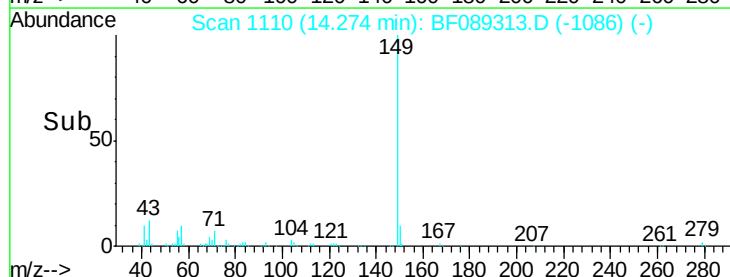
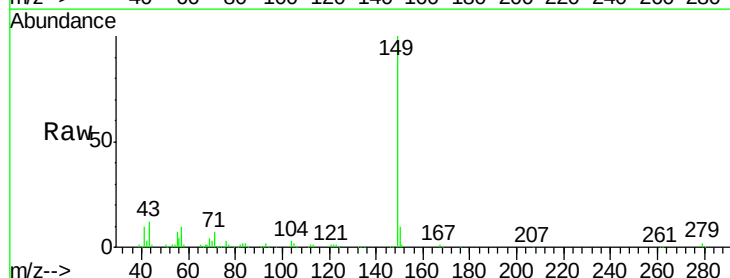
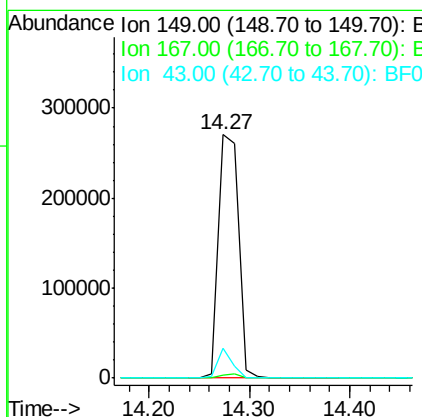
RT: 14.27 min Scan# 1110

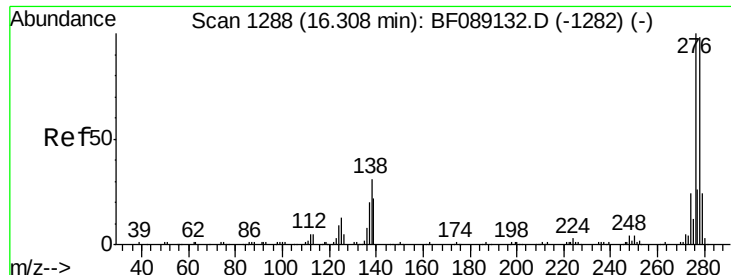
Delta R.T. -0.02 min

Lab File: BF089313.D

Acq: 26 Jul 2016 18:35

Tgt Ion:	149	Resp:	377680
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	8.9	7.3	10.9





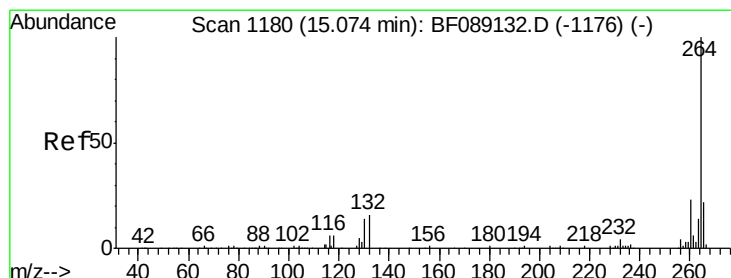
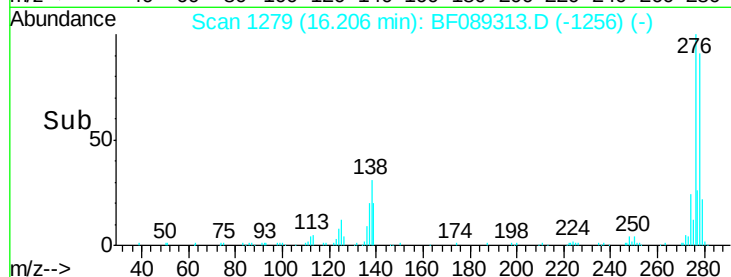
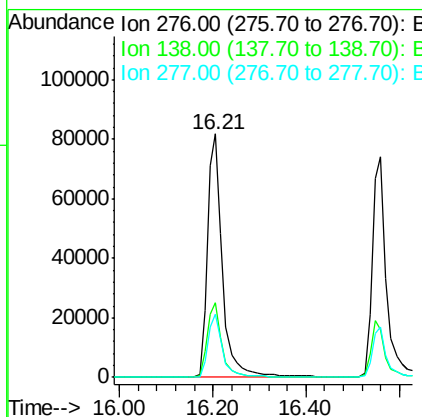
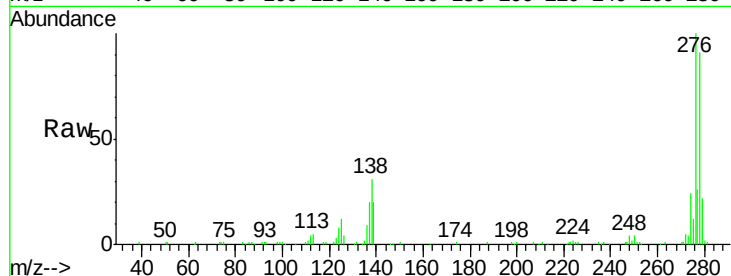
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.08 ng
RT: 16.21 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	23.7	35.5
277	25.1	20.6	31.0

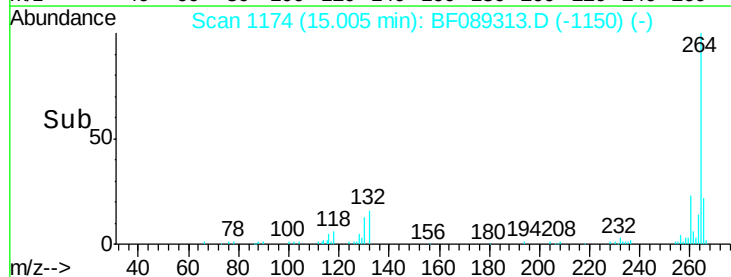
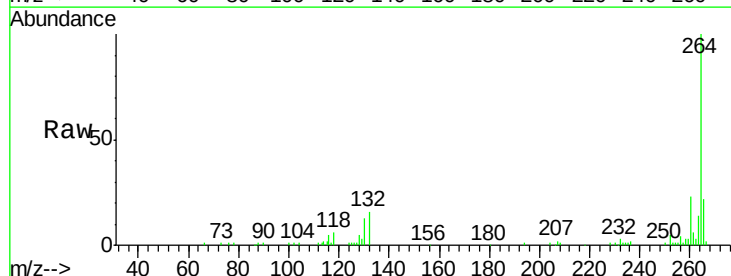
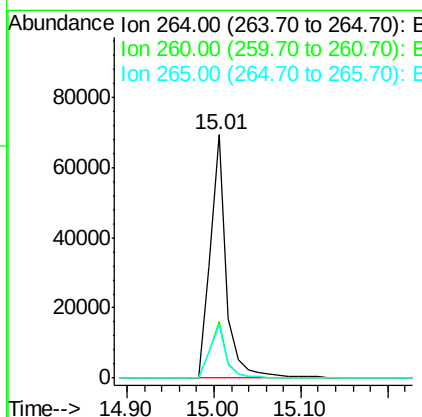
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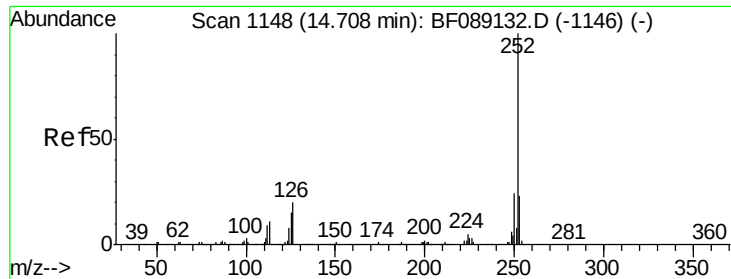
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.5	17.3	25.9





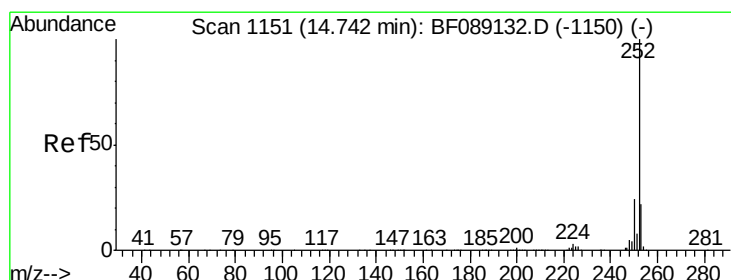
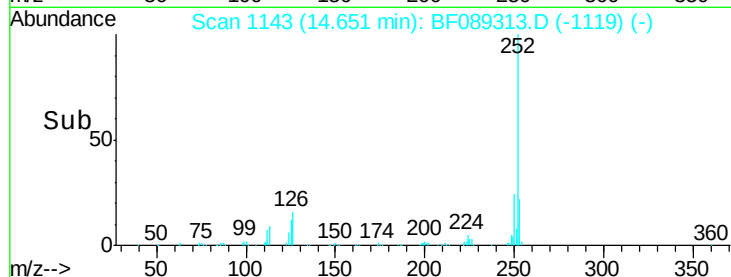
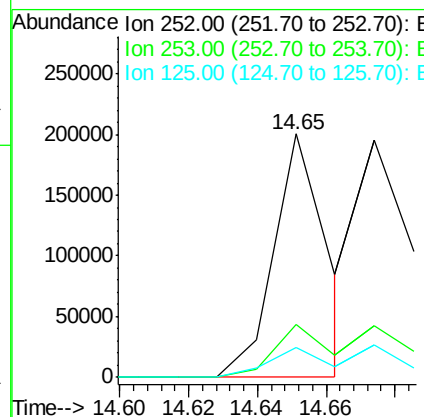
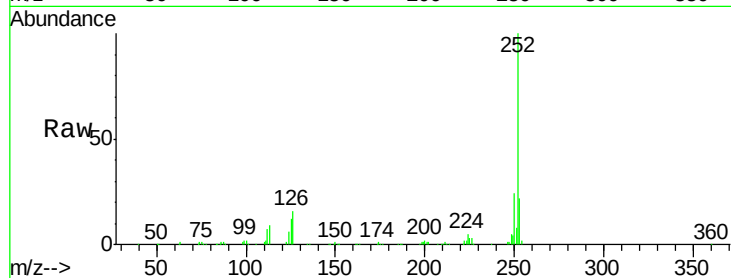
#87
Benzo(b)fluoranthene
Concen: 33.48 ng m
RT: 14.65 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF089131.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	12.0	11.9	17.9

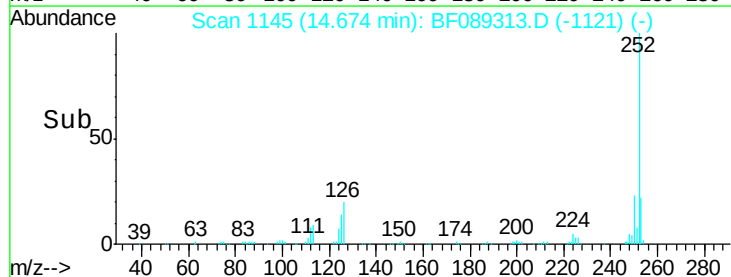
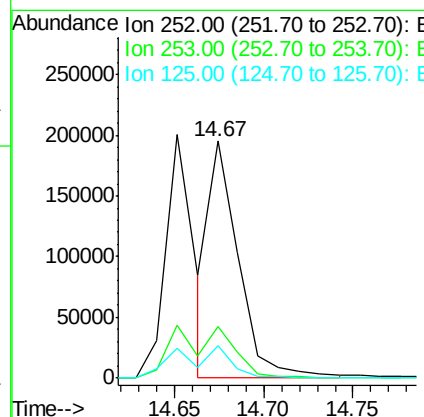
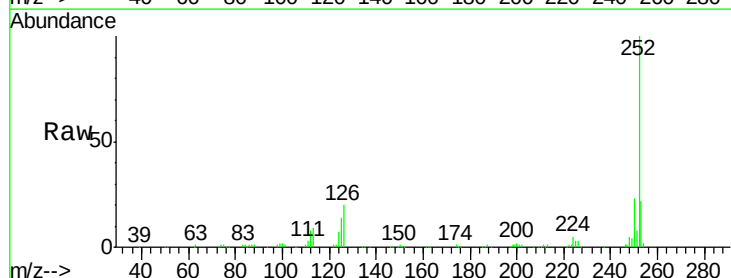
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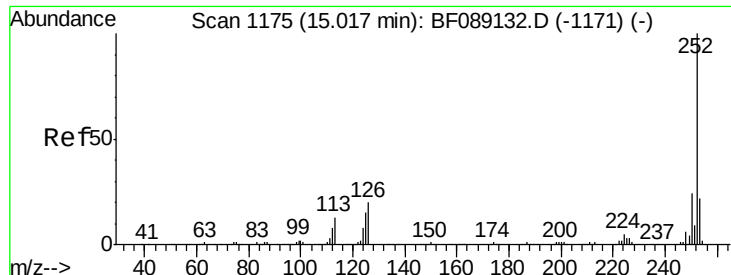
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#88
Benzo(k)fluoranthene
Concen: 49.90 ng m
RT: 14.67 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF089131.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	13.9	6.3	9.5#





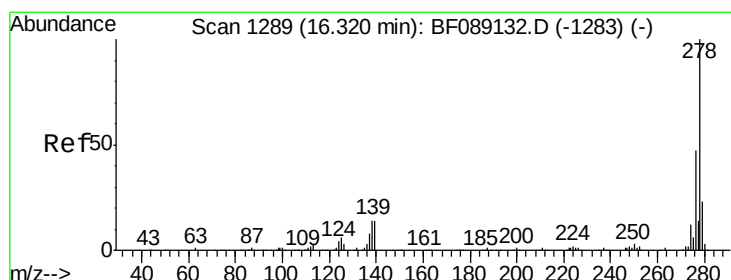
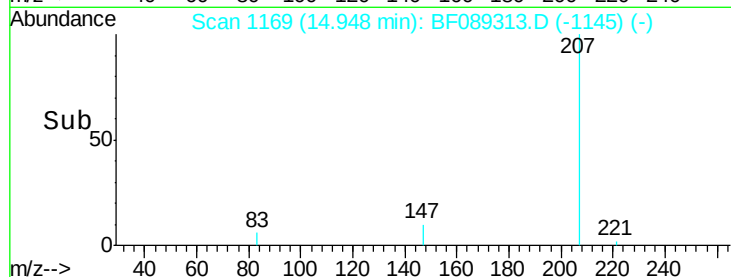
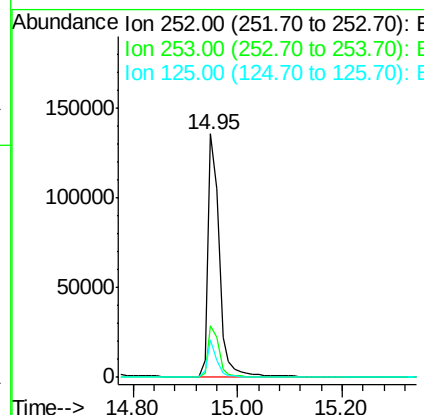
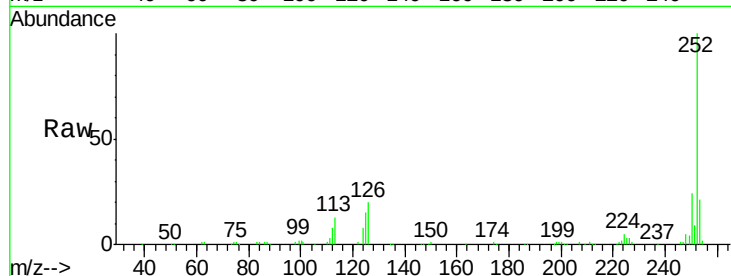
#89
Benzo(a)pyrene
Concen: 41.12 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	15.3	12.4	18.6

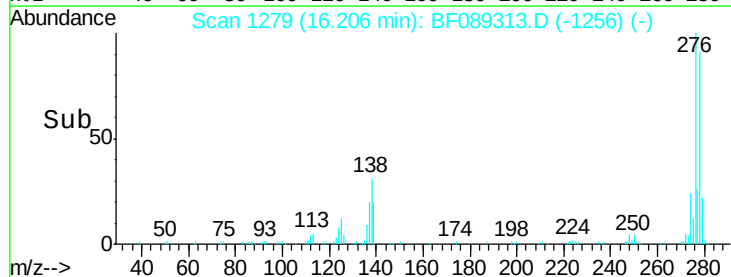
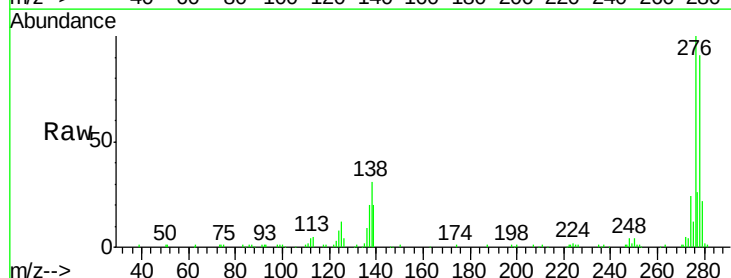
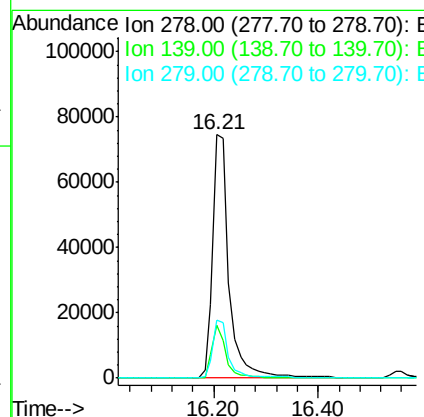
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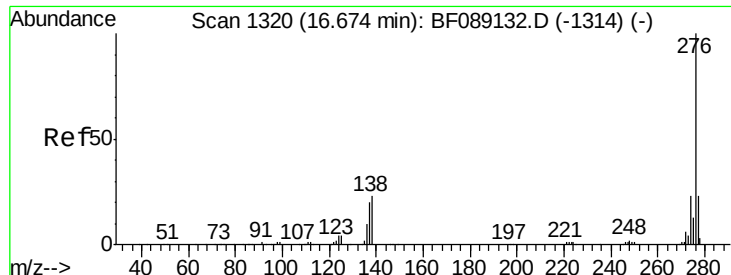
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#90
Dibenzo(a,h)anthracene
Concen: 41.10 ng
RT: 16.21 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF089313.D
Acq: 26 Jul 2016 18:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	11.4	17.2#
279	23.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.53 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. -0.03 min
 Lab File: BF089313.D
 Acq: 26 Jul 2016 18:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	162623
Ion Ratio		Lower	Upper
276	100		
277	23.0	18.5	27.7
138	21.8	18.5	27.7

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