

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085086.D
 Acq On : 17 Feb 2016 14:13
 Operator : SJ/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 2/19/2016 7:56:49 AM

Quant Time: Feb 17 15:25:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 14:23:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	207651	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	832140	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	378559	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	795566	20.00	ng	0.00
75) Chrysene-d12	14.16	240	802063	20.00	ng	0.00
86) Perylene-d12	15.63	264	642296	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1249908	105.25	ng	0.01
7) Phenol-d6	6.62	99	1505532	95.12	ng	0.00
23) Nitrobenzene-d5	7.56	82	1424559	101.09	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	405755	103.77	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2278832	86.05	ng	0.00
78) Terphenyl-d14	13.11	244	2607165	66.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	291537	59.59	ng	90
3) Pyridine	3.47	79	706944	61.85	ng	89
4) n-Nitrosodimethylamine	3.43	42	357848	60.85	ng	# 91
6) Aniline	6.66	93	1066734	65.23	ng	# 70
8) 2-Chlorophenol	6.78	128	669845	45.89	ng	98
9) Benzaldehyde	6.55	77	386854	45.38	ng	98
10) Phenol	6.63	94	818807m	44.23	ng	
11) bis(2-Chloroethyl)ether	6.73	93	698108	40.17	ng	91
12) 1,3-Dichlorobenzene	6.94	146	722190	49.75	ng	96
13) 1,4-Dichlorobenzene	7.02	146	791318	48.99	ng	98
14) 1,2-Dichlorobenzene	7.16	146	653039	43.01	ng	95
15) Benzyl Alcohol	7.13	79	531854	54.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1074587	44.07	ng	94
17) 2-Methylphenol	7.24	107	580046	54.88	ng	# 83
18) Hexachloroethane	7.52	117	279473	46.95	ng	# 83
19) n-Nitroso-di-n-propylamine	7.42	70	541696	54.33	ng	87
20) 3+4-Methylphenols	7.39	107	664398	49.79	ng	93
22) Acetophenone	7.40	105	925513	43.40	ng	# 93
24) Nitrobenzene	7.58	77	668843	43.44	ng	93
25) Isophorone	7.82	82	1357970	53.72	ng	99
26) 2-Nitrophenol	7.90	139	328845	44.56	ng	97
27) 2,4-Dimethylphenol	7.93	122	695526m	58.25	ng	
28) bis(2-Chloroethoxy)methane	8.03	93	801636	51.09	ng	# 96
29) 2,4-Dichlorophenol	8.14	162	606758	55.90	ng	94
30) 1,2,4-Trichlorobenzene	8.23	180	654633	52.33	ng	97
31) Naphthalene	8.31	128	1948073	48.29	ng	96
32) Benzoic acid	8.06	122	523789m	99.66	ng	
33) 4-Chloroaniline	8.34	127	806014	52.67	ng	95
34) Hexachlorobutadiene	8.42	225	377197	53.84	ng	97
35) Caprolactam	8.73	113	194792	66.76	ng	# 76
36) 4-Chloro-3-methylphenol	8.82	107	618769	50.28	ng	96
37) 2-Methylnaphthalene	8.99	142	1204274	46.79	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	684678	55.98	ng	97
40) Hexachlorocyclopentadiene	9.15	237	383223	94.20	ng	97

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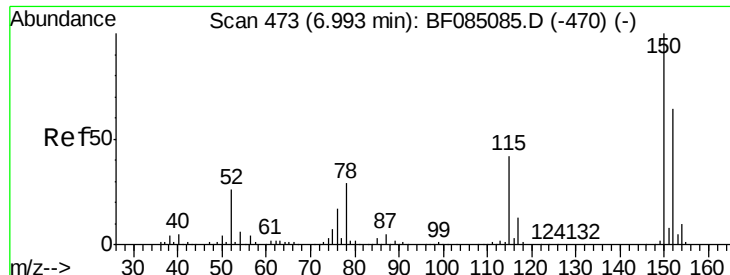
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	441081m	65.40	nq	
43) 2,4,5-Trichlorophenol	9.30	196	450684m	57.43	nq	
45) 1,1'-Biphenyl	9.46	154	1691052	49.11	nq	95
46) 2-Chloronaphthalene	9.48	162	1219492	49.98	nq	98
47) 2-Nitroaniline	9.58	65	387552	51.45	nq	93
48) Acenaphthylene	9.90	152	1871427	48.31	nq	97
49) Dimethylphthalate	9.76	163	1416002	49.89	nq	# 96
50) 2,6-Dinitrotoluene	9.82	165	307923	52.88	nq	93
51) Acenaphthene	10.07	154	1162990	49.65	nq	98
52) 3-Nitroaniline	9.99	138	381356	58.95	nq	96
53) 2,4-Dinitrophenol	10.09	184	107514	55.76	nq	# 53
54) Dibenzofuran	10.24	168	1501164	47.91	nq	99
55) 4-Nitrophenol	10.12	139	264855	63.81	nq	88
56) 2,4-Dinitrotoluene	10.22	165	377601	47.60	nq	# 87
57) Fluorene	10.58	166	1215515	45.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	353238	56.91	nq	97
59) Diethylphthalate	10.46	149	1434375	51.00	nq	95
60) 4-Chlorophenyl-phenylether	10.58	204	656065	50.95	nq	# 81
61) 4-Nitroaniline	10.59	138	337265	56.74	nq	99
62) Azobenzene	10.73	77	1406872	51.92	nq	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	209033	49.34	nq	# 76
65) n-Nitrosodiphenylamine	10.70	169	1251054	49.53	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	437452	49.36	nq	# 90
67) Hexachlorobenzene	11.13	284	450608	47.56	nq	96
68) Atrazine	11.22	200	387973	52.99	nq	93
69) Pentachlorophenol	11.32	266	310906	85.35	nq	96
70) Phenanthrene	11.54	178	1827782	41.67	nq	97
71) Anthracene	11.60	178	1938703	42.29	nq	94
72) Carbazole	11.75	167	1761747	46.41	nq	96
73) Di-n-butylphthalate	12.08	149	2050562	41.16	nq	97
74) Fluoranthene	12.73	202	1966354	44.99	nq	92
76) Benzidine	12.85	184	1021011	72.30	nq	# 95
77) Pyrene	12.96	202	1993585	31.07	nq	96
79) Butylbenzylphthalate	13.58	149	947257	35.11	nq	# 98
80) Benzo(a)anthracene	14.15	228	2004003	43.15	nq	94
81) 3,3'-Dichlorobenzidine	14.11	252	816445	60.49	nq	# 96
82) Chrysene	14.18	228	1640553	36.42	nq	95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1284827	36.22	nq	# 95
84) Di-n-octyl phthalate	14.74	149	2113882	41.94	nq	99
85) Indeno(1,2,3-cd)pyrene	17.12	276	1708936	45.67	nq	99
87) Benzo(b)fluoranthene	15.20	252	1828462	43.42	nq	# 95
88) Benzo(k)fluoranthene	15.23	252	1838015m	54.64	nq	
89) Benzo(a)pyrene	15.58	252	1783924	50.10	nq	98
90) Dibenzo(a,h)anthracene	17.14	278	1409095	41.69	nq	96
91) Benzo(g,h,i)perylene	17.58	276	1334817	38.03	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

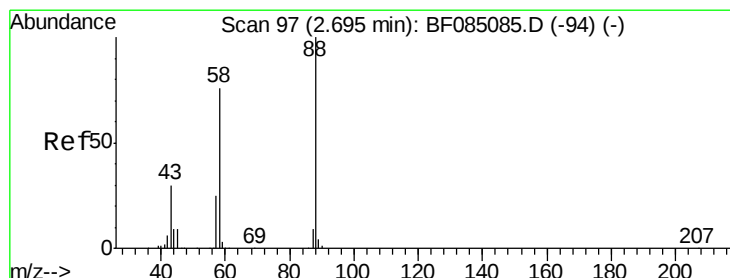
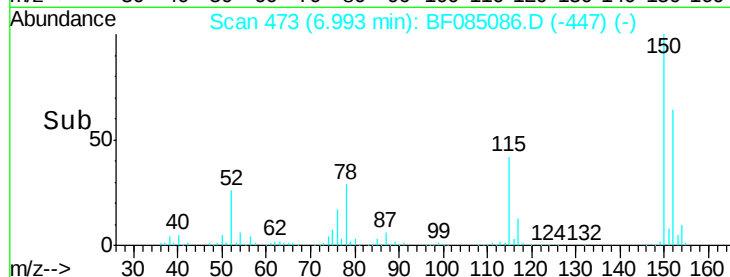
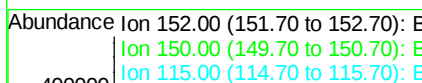
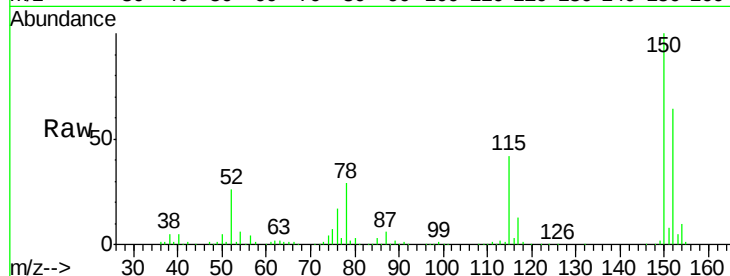
ClientSampleId :

SSTDIC050

Tot Ion:	152	Resp:	207651
Ion Ratio	Lower	Upper	
152	100		
150	156.8	127.4	191.2
115	65.4	50.5	75.7

Manual Integrations
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#2

1,4-Dioxane

Concen: 59.59 ng

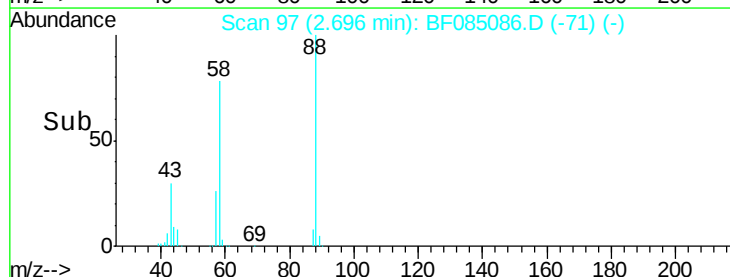
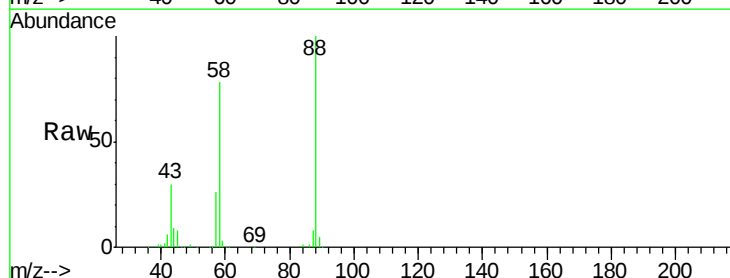
RT: 2.70 min Scan# 97

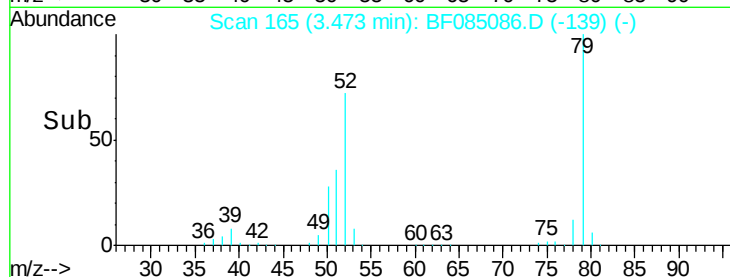
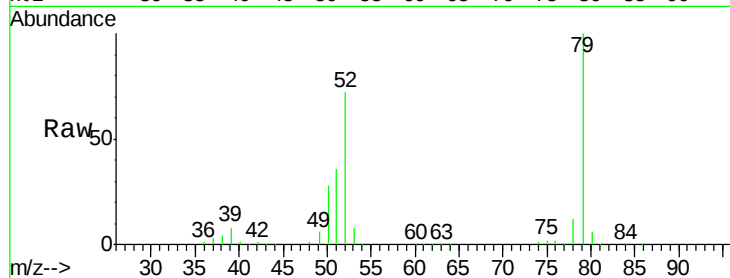
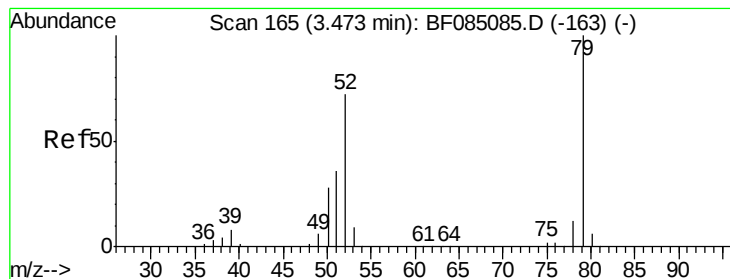
Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:	88	Resp:	291537
Ion Ratio	Lower	Upper	
88	100		
58	77.4	70.9	106.3
43	29.3	25.9	38.9





#3

Pvridine

Concen: 61.85 ng

RT: 3.47 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tot Ion:	79	Resp:	706944
Ion	Ratio	Lower	Upper
79	100		
52	72.3	67.1	100.7
51	35.6	32.7	49.1

Instrument :

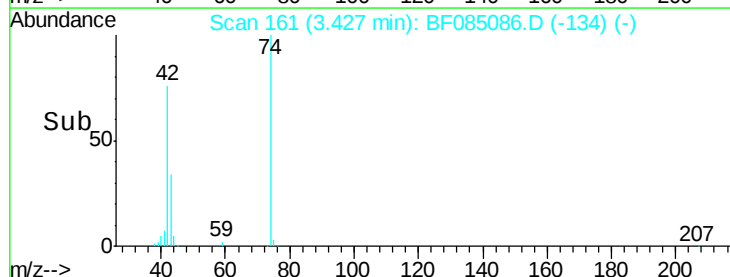
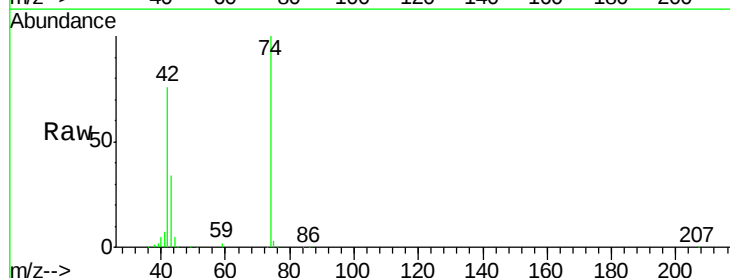
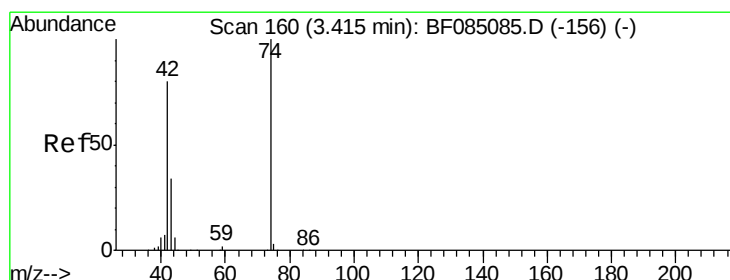
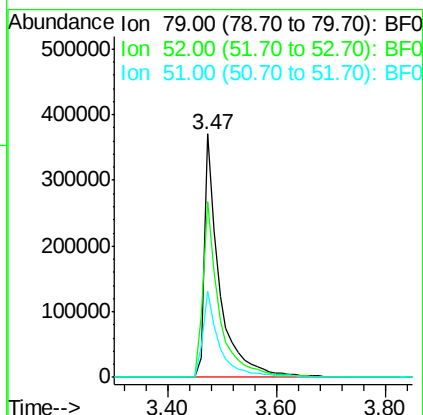
BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 60.85 ng

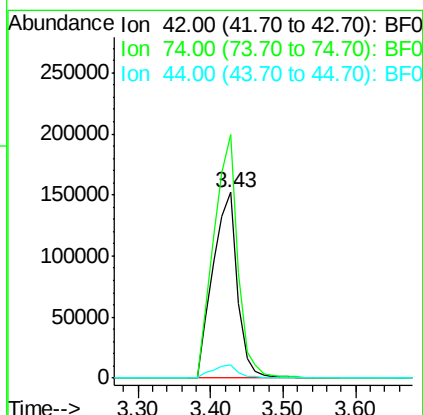
RT: 3.43 min Scan# 161

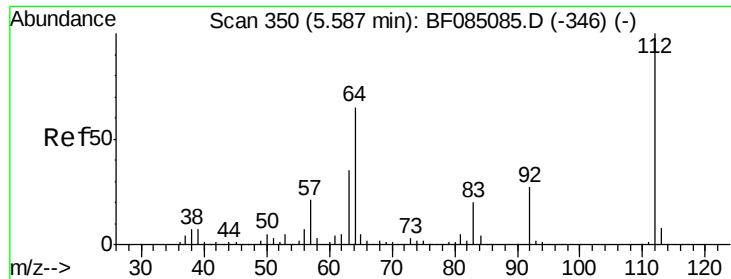
Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:	42	Resp:	357848
Ion	Ratio	Lower	Upper
42	100		
74	131.0	96.2	144.4
44	6.9	7.0	10.4#





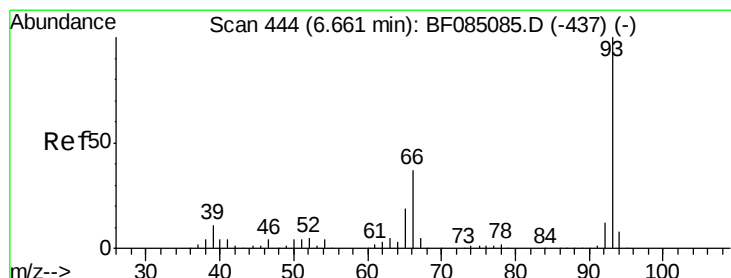
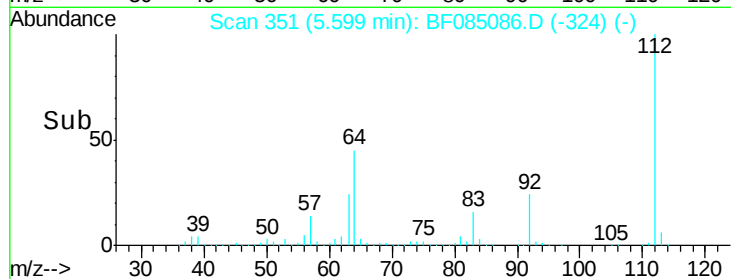
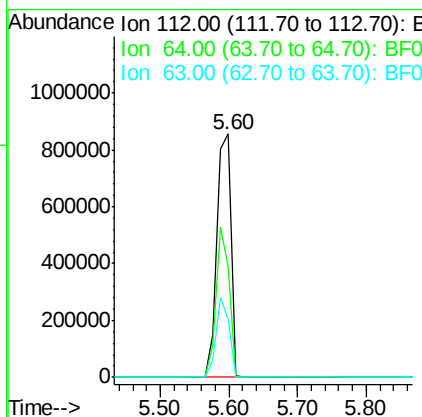
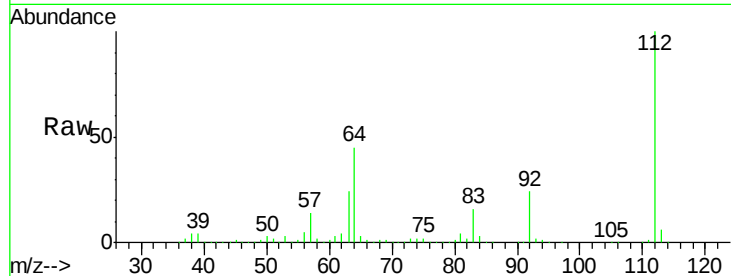
#5
 2-Fluorophenol
 Concen: 105.25 ng
 RT: 5.60 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
112	100		
64	45.4	45.4	68.2#
63	24.0	23.2	34.8

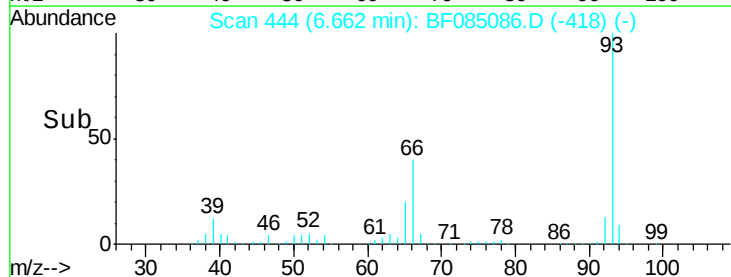
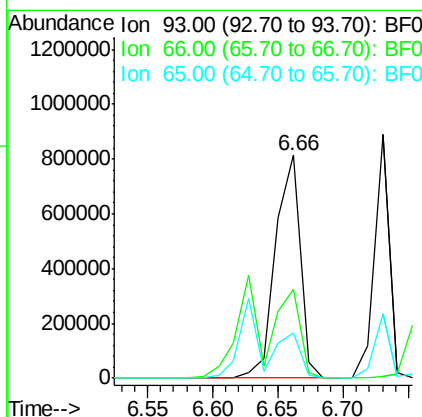
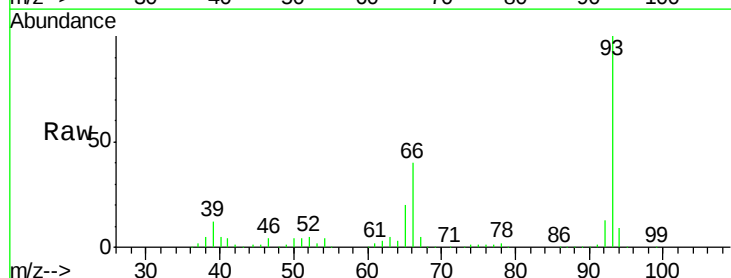
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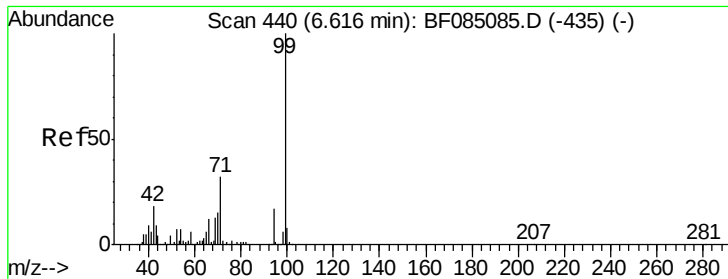
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#6
 Aniline
 Concen: 65.23 ng
 RT: 6.66 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.7	51.8	77.8#
65	20.3	28.5	42.7#





#7

Phenol-d6

Concen: 95.12 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 99 Resp: 1505532

Ion Ratio Lower Upper

99 100

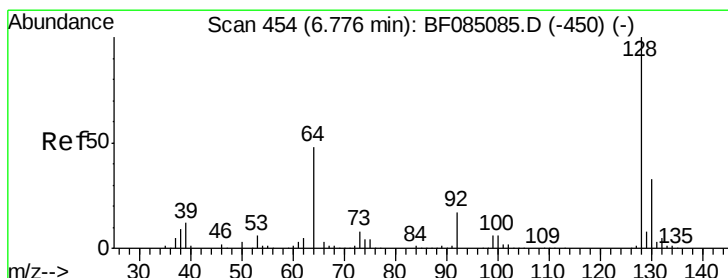
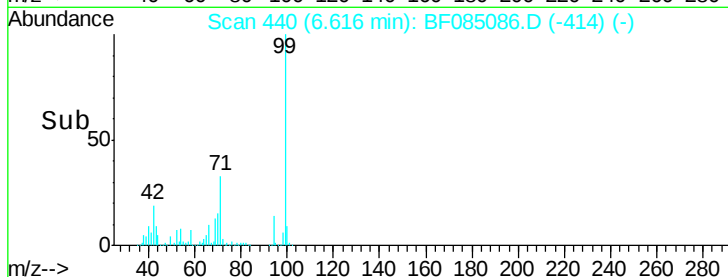
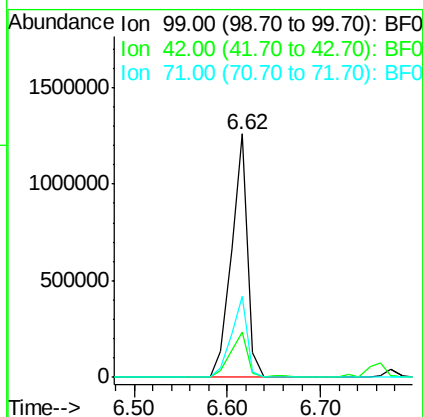
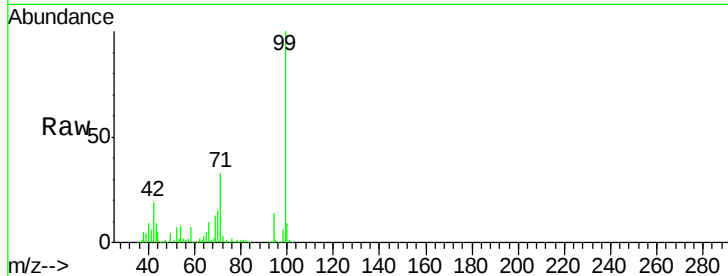
42 18.8 17.0 25.4

71 33.1 28.3 42.5

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#8

2-Chlorophenol

Concen: 45.89 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

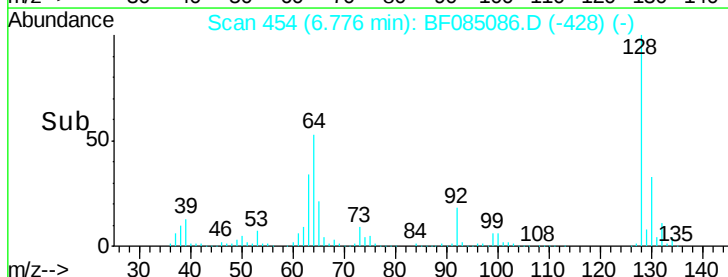
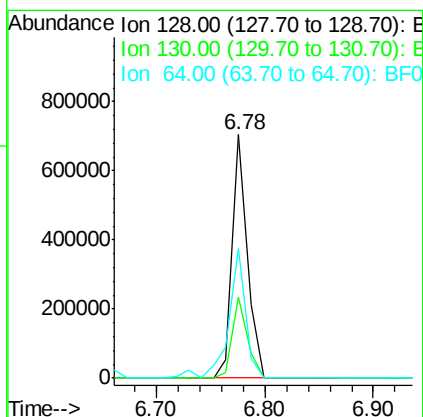
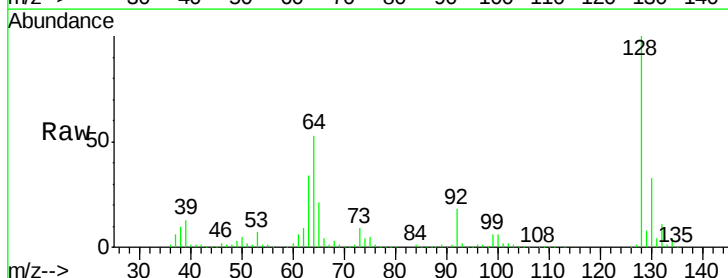
Tgt Ion: 128 Resp: 669845

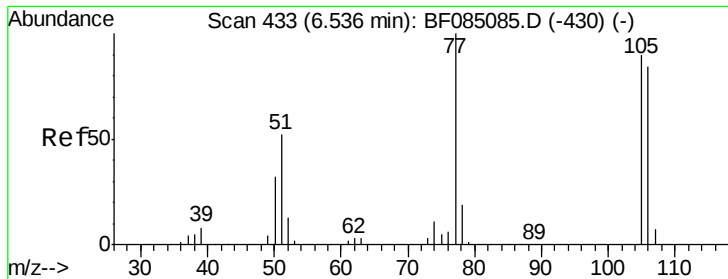
Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

64 53.2 32.1 72.1





#9

Benzaldehyde

Concen: 45.38 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

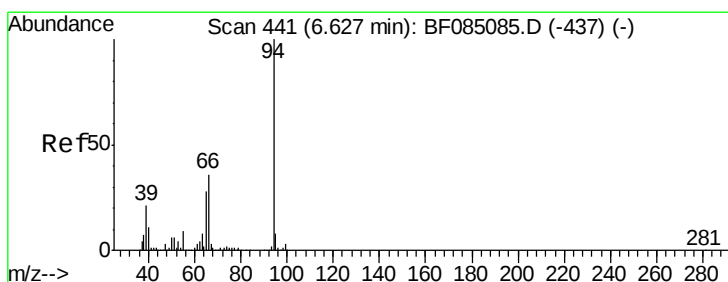
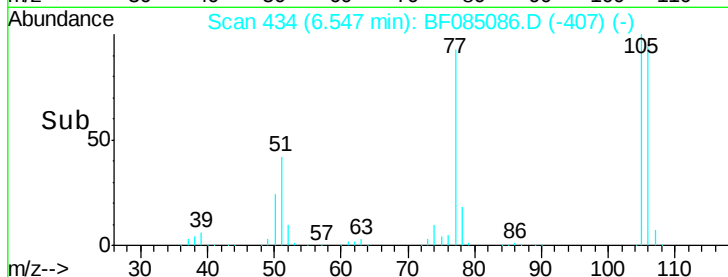
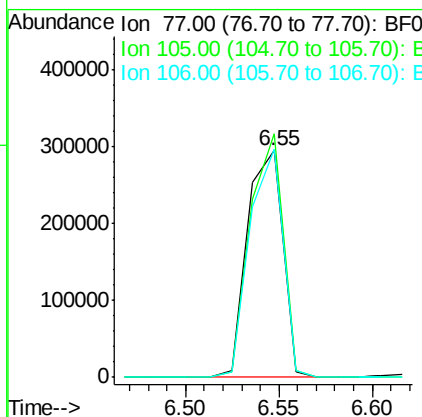
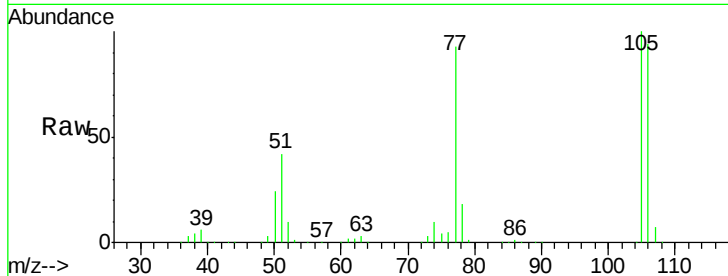
ClientSampleId :

SSTDIC050

Tot Ion:	77	Resp:	386854
Ion Ratio	Lower	Upper	
77	100		
105	107.5	90.9	130.9
106	100.9	79.7	119.7

Manual Integrations
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#10

Phenol

Concen: 44.23 ng m

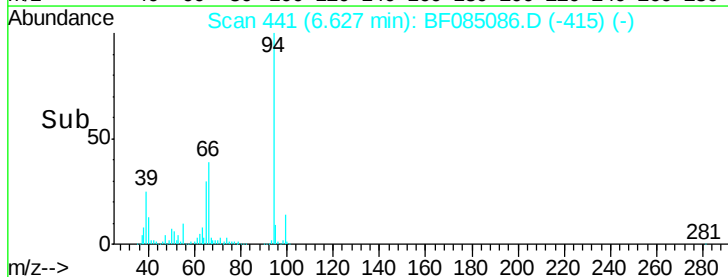
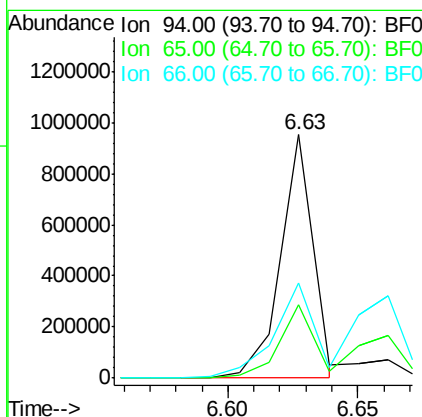
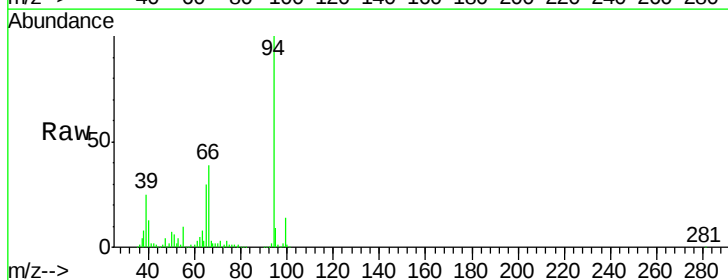
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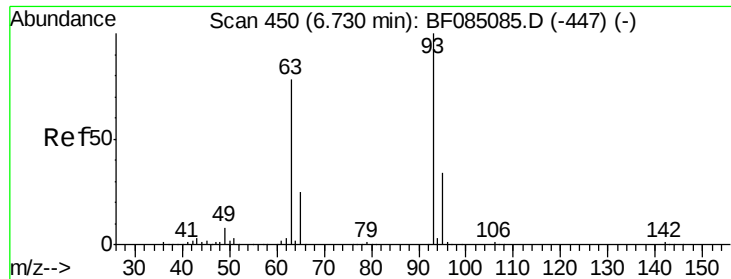
Delta R.T. 0.00 min

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Tgt Ion:	94	Resp:	818807
Ion Ratio	Lower	Upper	
94	100		
65	30.4	37.3	77.3#
66	39.3	84.1	124.1#





#11

bis(2-Chloroethyl)ether

Concen: 40.17 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

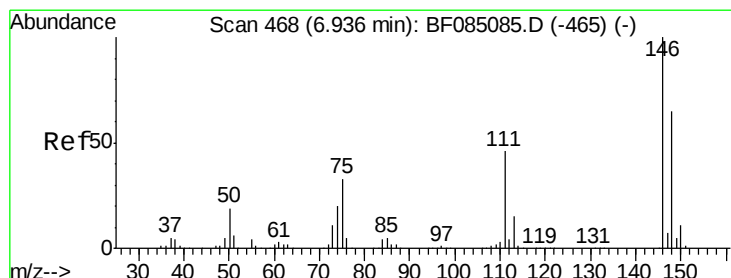
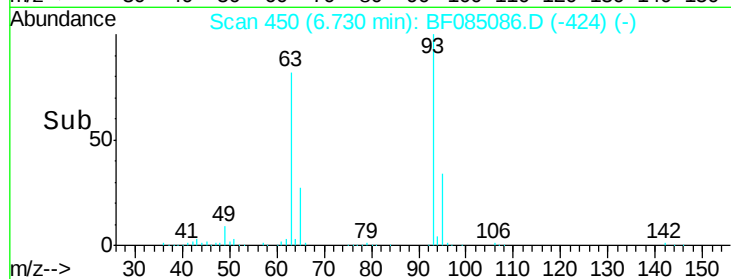
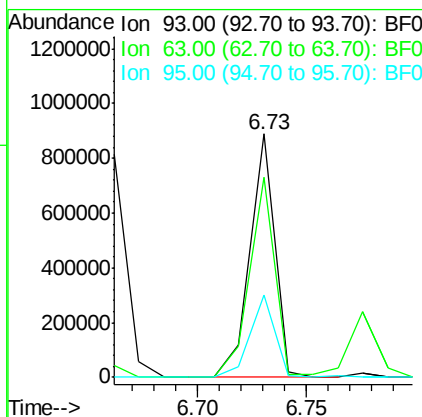
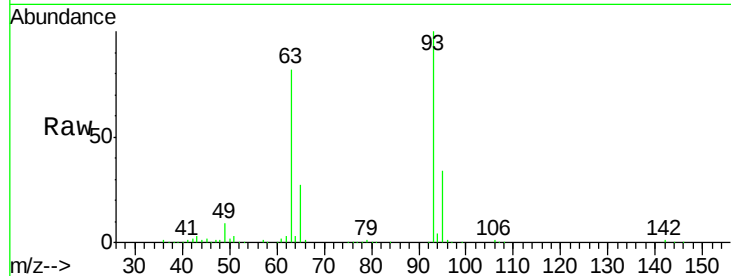
ClientSampleId :

SSTDIC050

Tot Ion:	93	Resp:	698108
Ion Ratio	Lower	Upper	
93	100		
63	82.4	53.6	93.6
95	33.9	10.1	50.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 49.75 ng

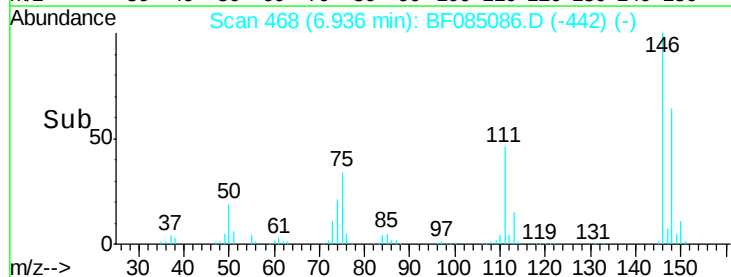
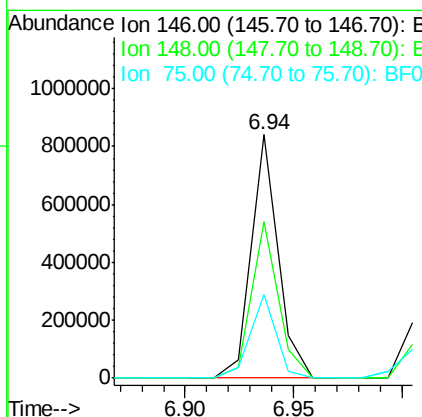
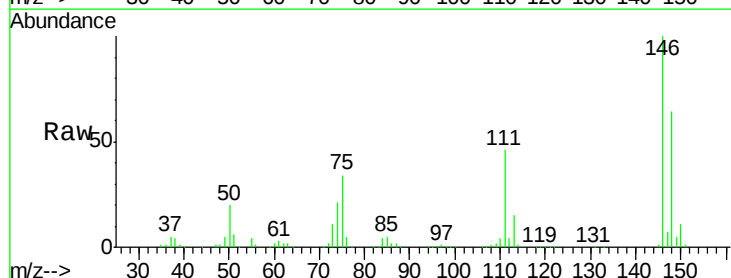
RT: 6.94 min Scan# 468

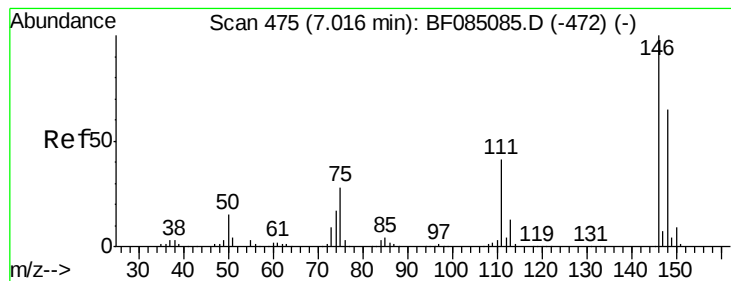
Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:	146	Resp:	722190
Ion Ratio	Lower	Upper	
146	100		
148	64.1	53.1	79.7
75	34.5	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 48.99 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

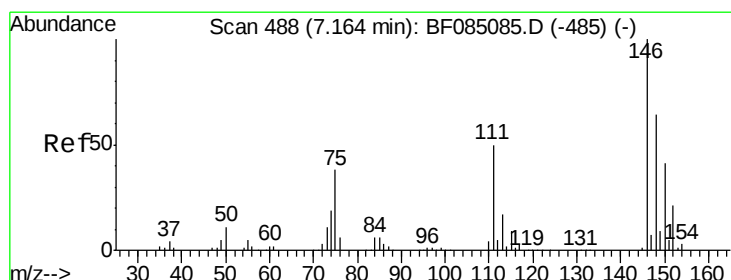
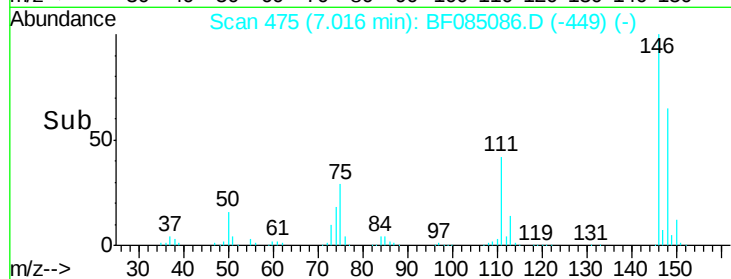
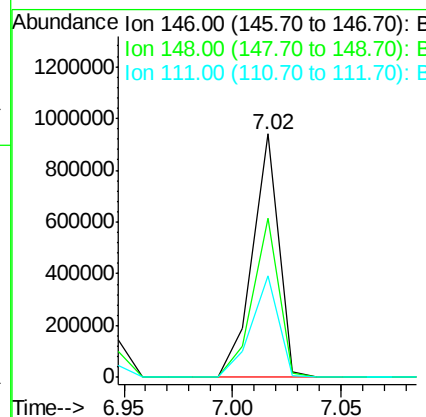
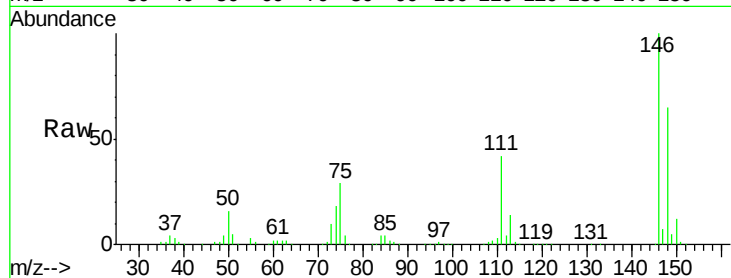
ClientSampleId :

SSTDIC050

Tot Ion:	146	Resp:	791318
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.3	75.5
111	41.7	33.6	50.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.01 ng

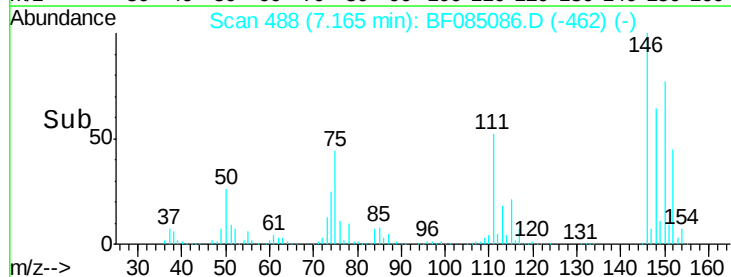
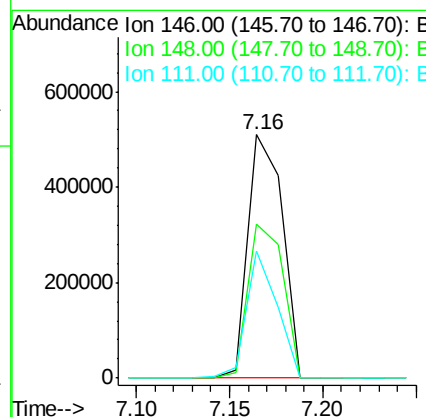
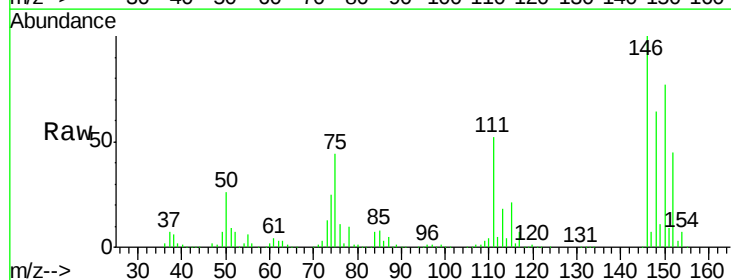
RT: 7.16 min Scan# 488

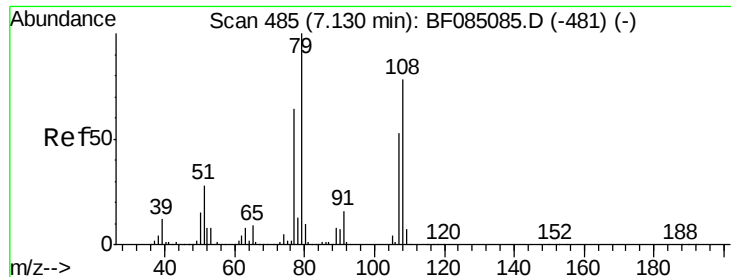
Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:	146	Resp:	653039
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.5	77.3
111	52.4	36.5	54.7





#15

Benzyl Alcohol

Concen: 54.99 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

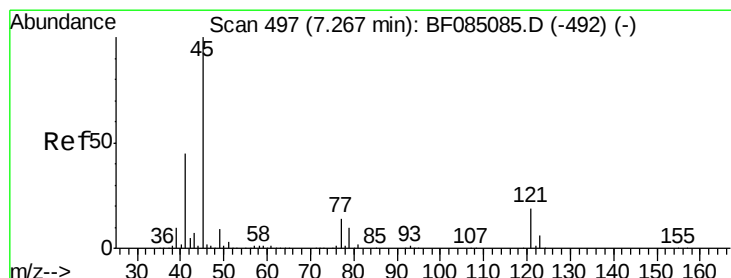
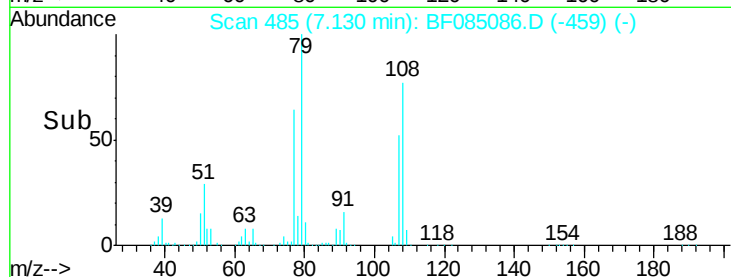
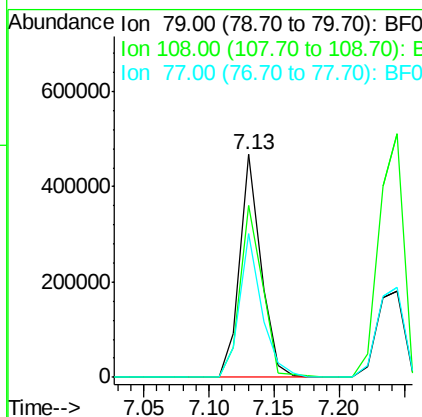
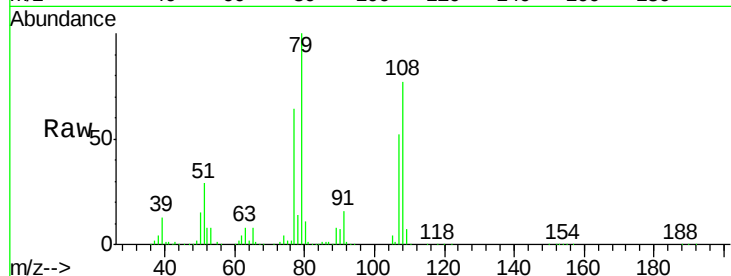
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	531854
Ion	Ratio	Lower	Upper
79	100		
108	77.2	63.4	95.0
77	64.5	51.8	77.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.07 ng

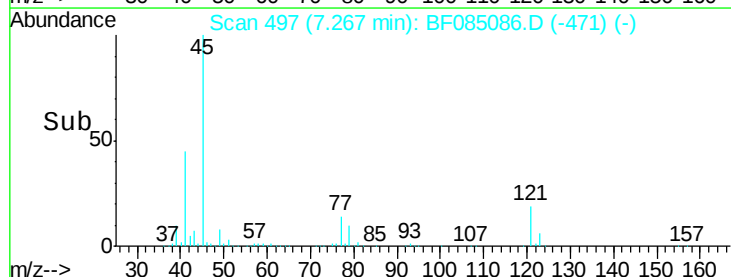
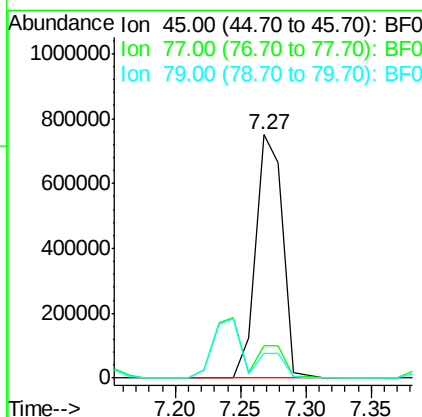
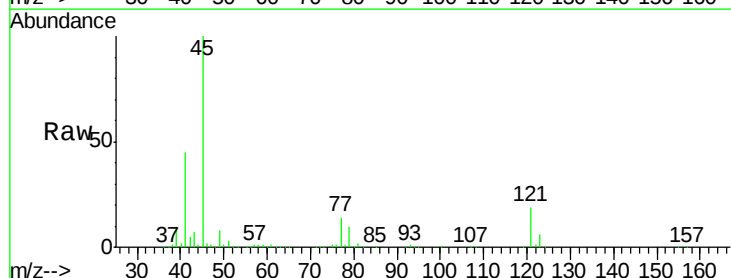
RT: 7.27 min Scan# 497

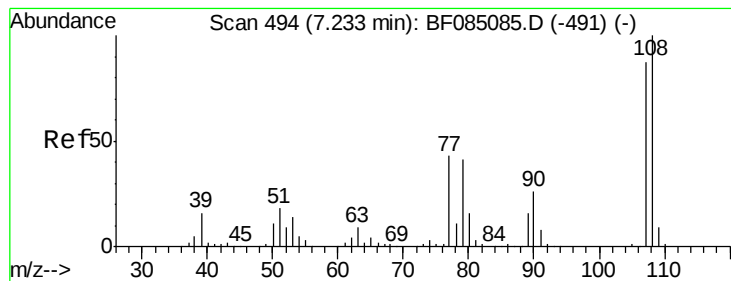
Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:	45	Resp:	1074587
Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	35.2
79	10.0	0.0	33.7





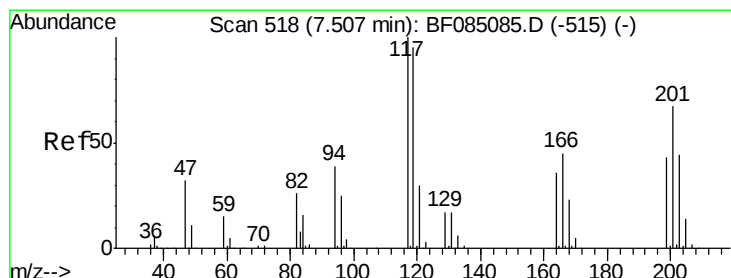
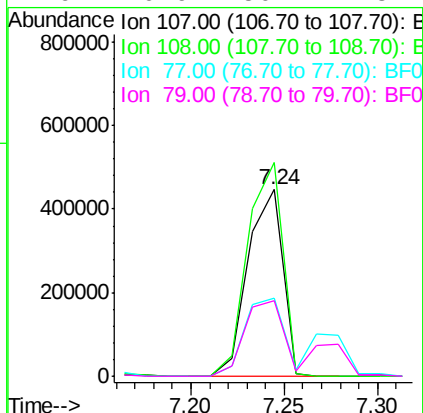
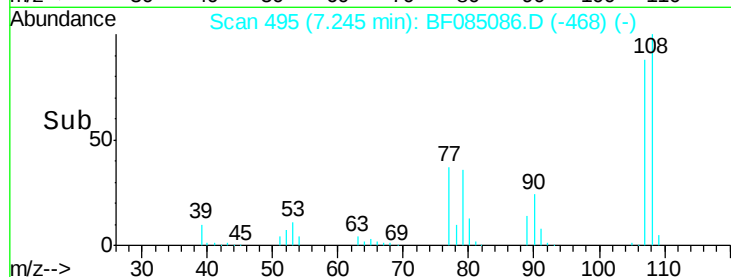
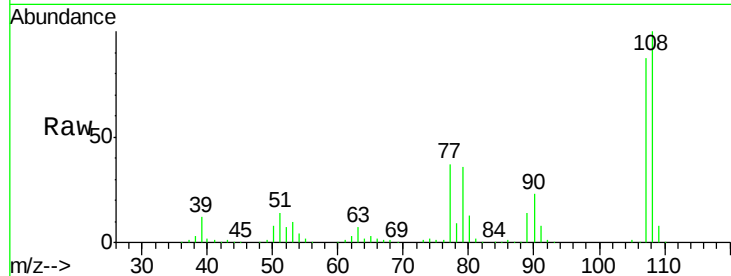
#17
2-Methylphenol
Concen: 54.88 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	97.0	145.4	
77	42.3	50.5	75.7#	
79	40.9	50.1	75.1#	

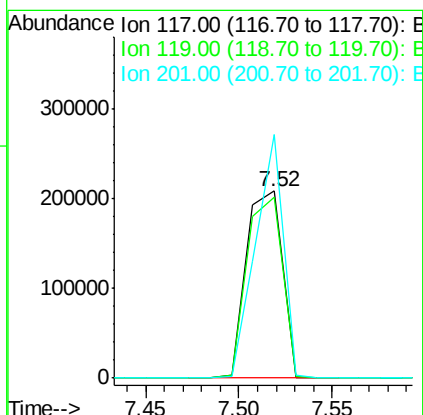
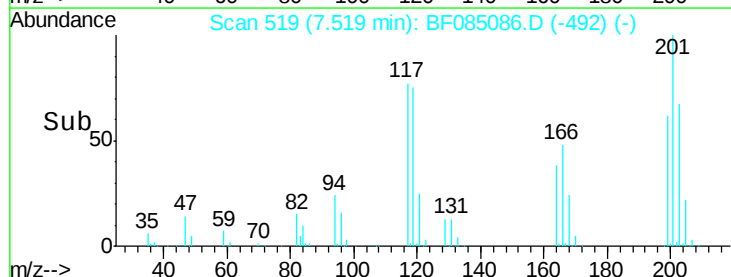
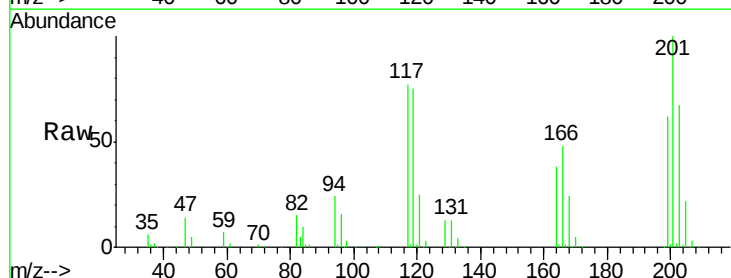
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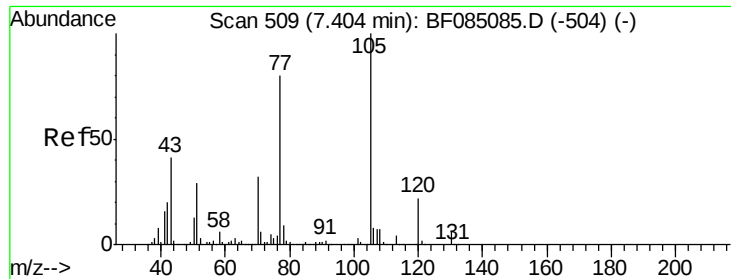
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#18
Hexachloroethane
Concen: 46.95 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	74.5	111.7	
201	130.4	80.9	121.3#	





#19

n-Nitroso-di-n-propylamine

Concen: 54.33 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

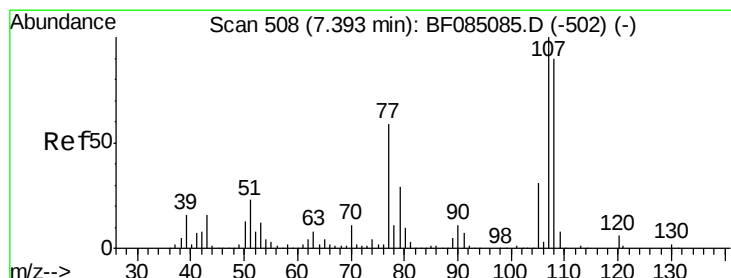
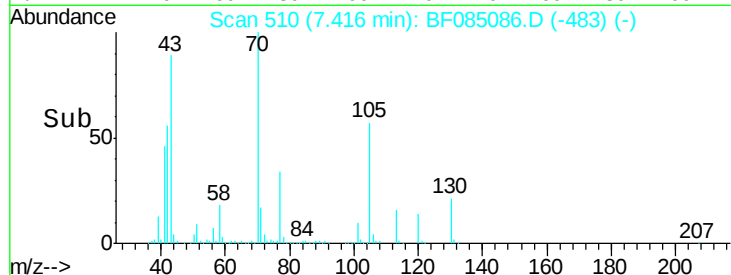
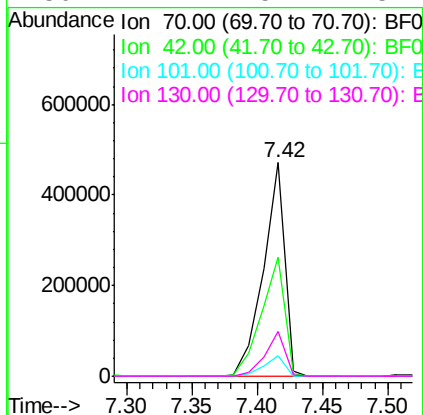
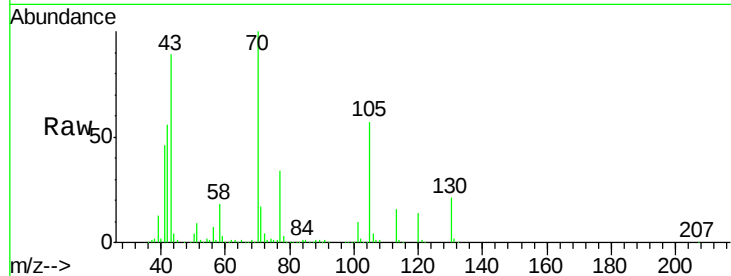
ClientSampleId :

SSTDIC050

Tot Ion:	70	Resp:	541696
Ion Ratio	Lower	Upper	
70	100		
42	55.8	55.8	83.6
101	9.6	7.7	11.5
130	21.2	15.4	23.2

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#20

3+4-Methylphenols

Concen: 49.79 ng

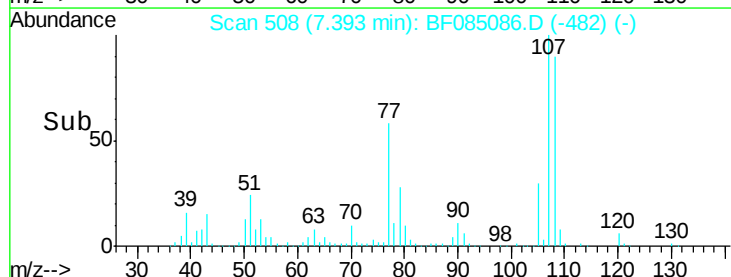
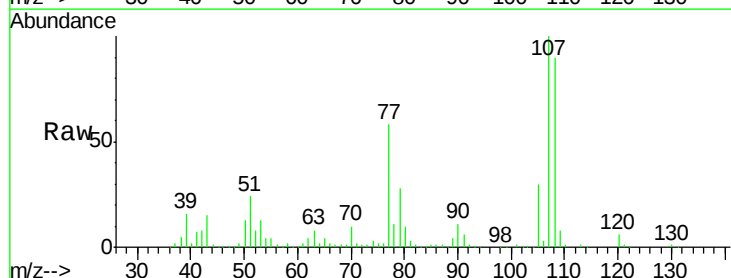
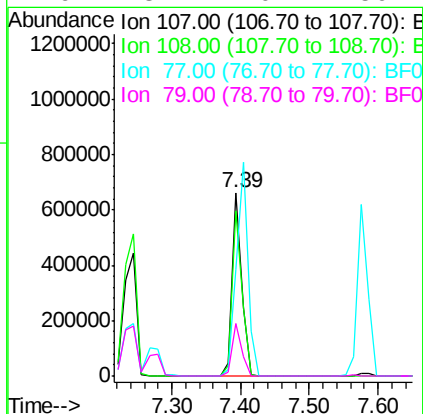
RT: 7.39 min Scan# 508

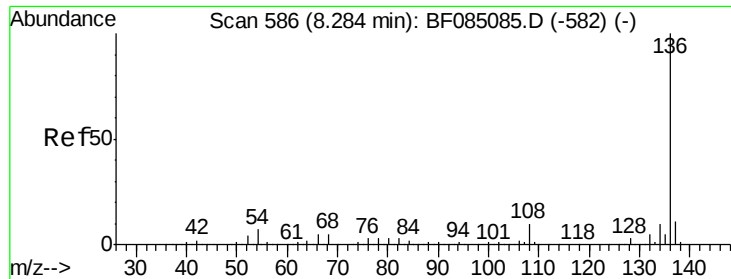
Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:	107	Resp:	664398
Ion Ratio	Lower	Upper	
107	100		
108	89.6	74.4	114.4
77	57.9	46.9	86.9
79	28.4	10.4	50.4





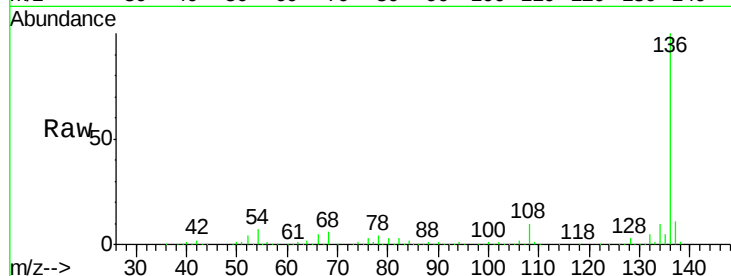
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

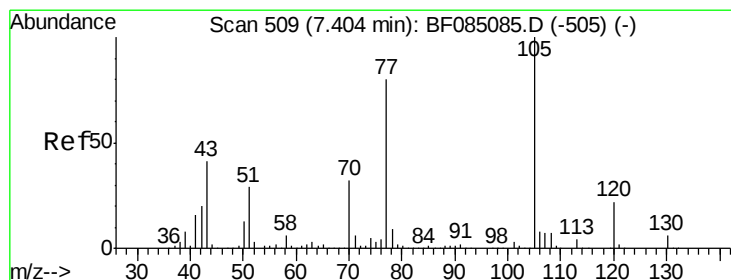
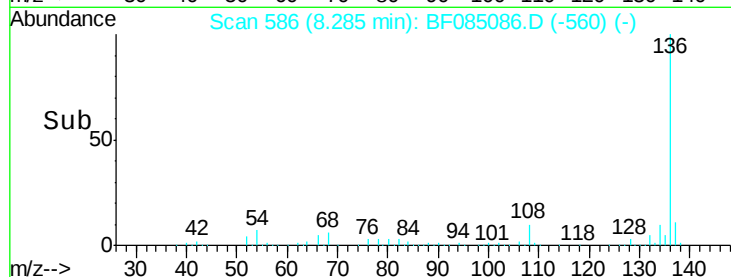
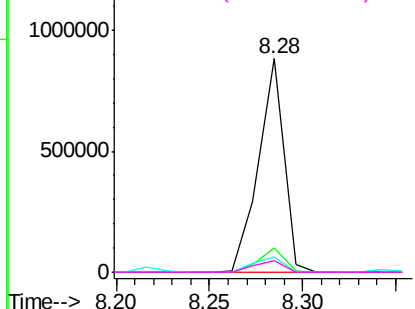
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.1	9.1
68	5.6	3.5	5.3#

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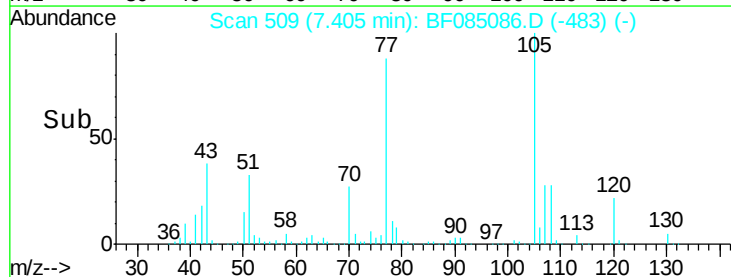
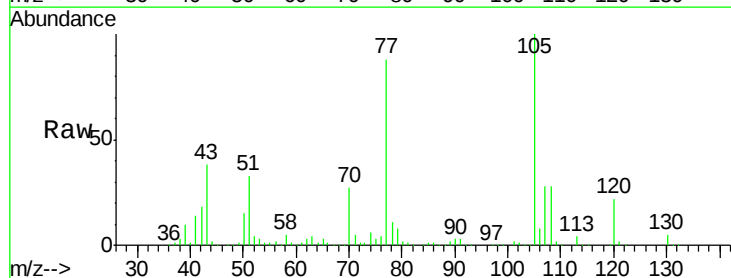
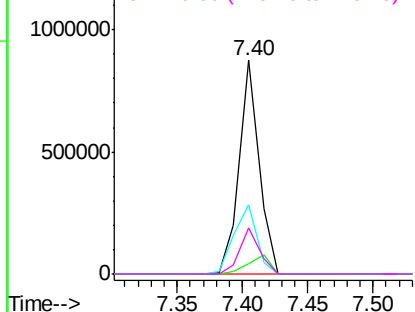
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

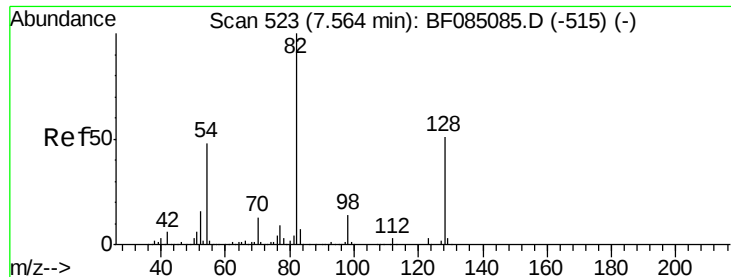


#22
Acetophenone
Concen: 43.40 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.8	7.5	11.3#
51	32.6	23.1	34.7
120	21.7	15.9	23.9

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





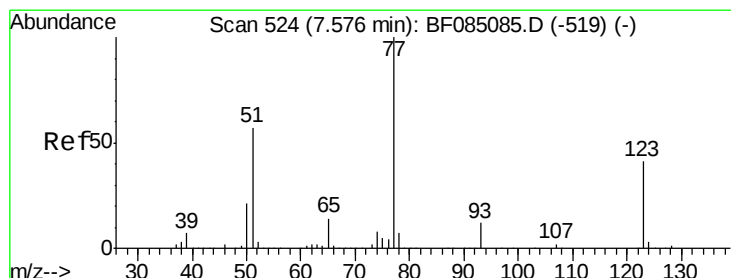
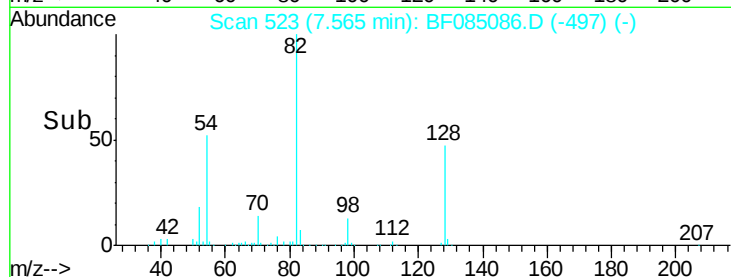
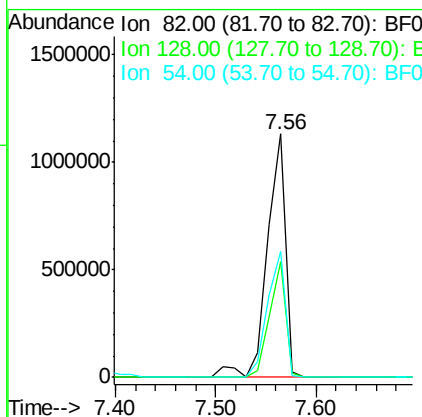
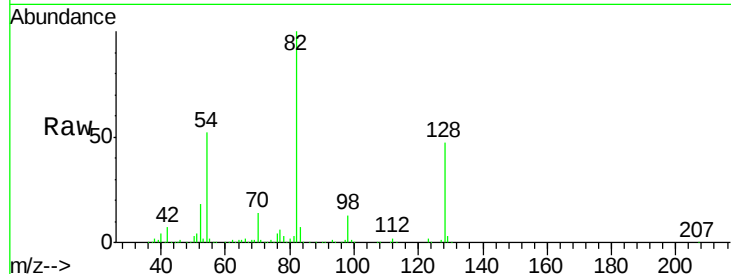
#23
 Nitrobenzene-d5
 Concen: 101.09 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.8	55.2
54	51.7	44.4	66.6

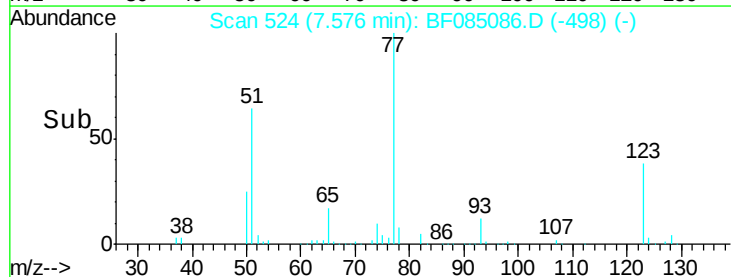
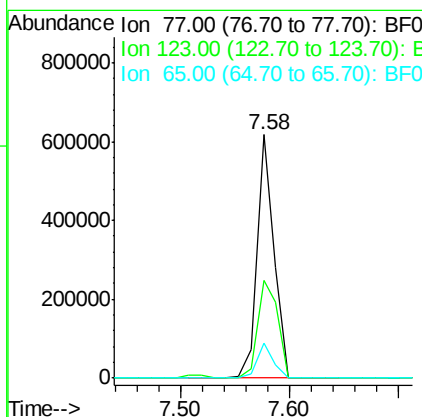
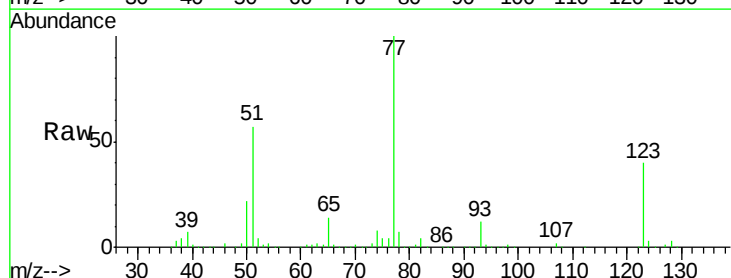
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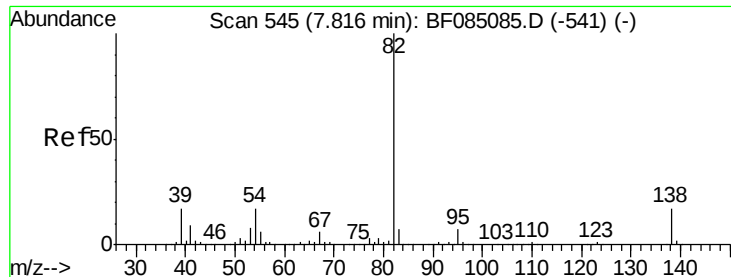
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#24
 Nitrobenzene
 Concen: 43.44 ng
 RT: 7.58 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	36.5	54.7
65	14.4	10.9	16.3





#25

Isophorone

Concen: 53.72 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 82 Resp: 1357970

Ion Ratio Lower Upper

82 100

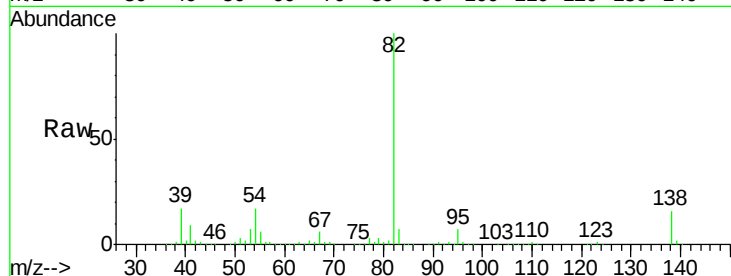
95 7.1 6.1 9.1

138 16.0 13.1 19.7

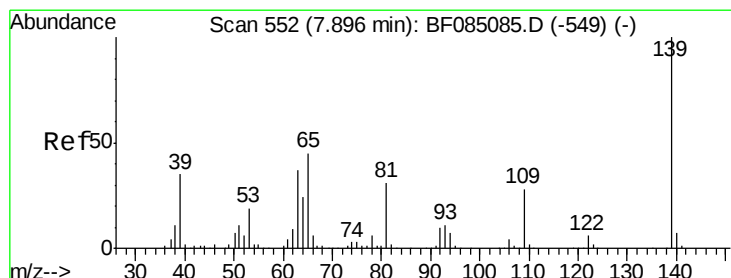
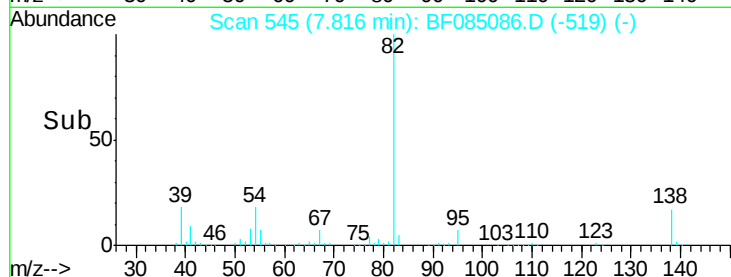
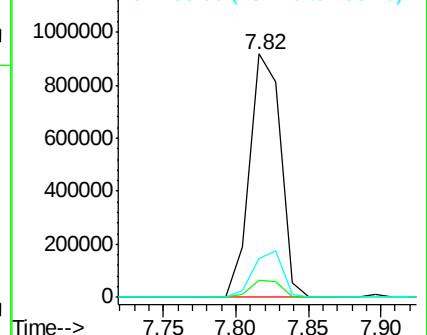
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.56 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

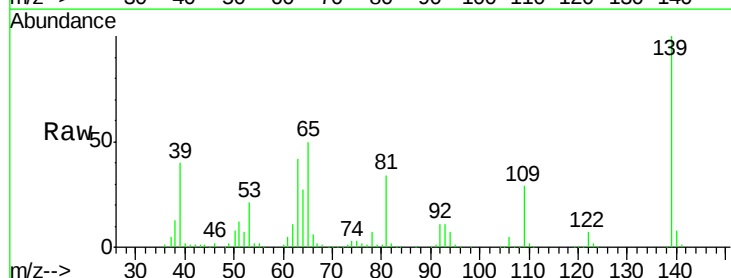
Tgt Ion: 139 Resp: 328845

Ion Ratio Lower Upper

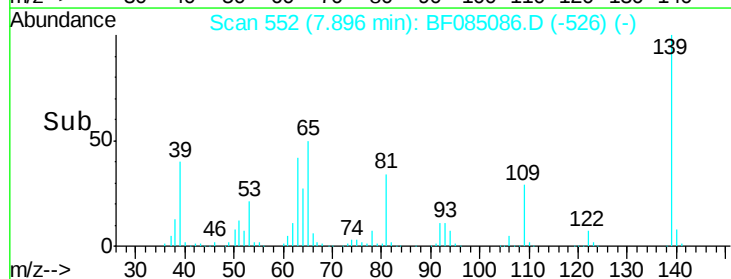
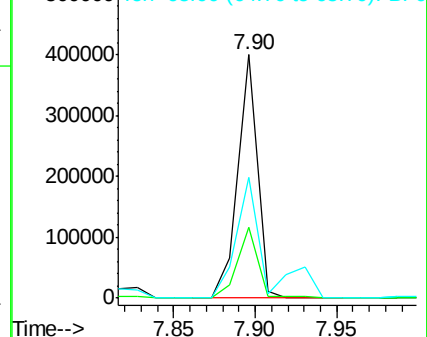
139 100

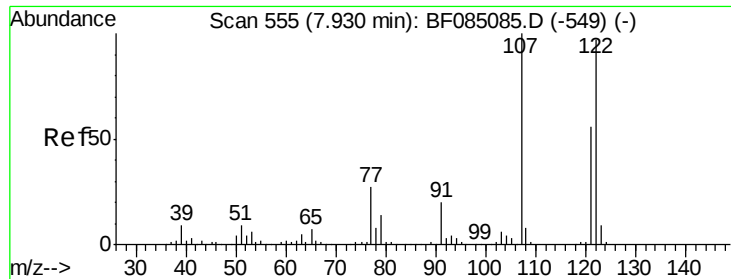
109 29.1 23.4 35.2

65 49.7 42.3 63.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 58.25 ng/ml

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

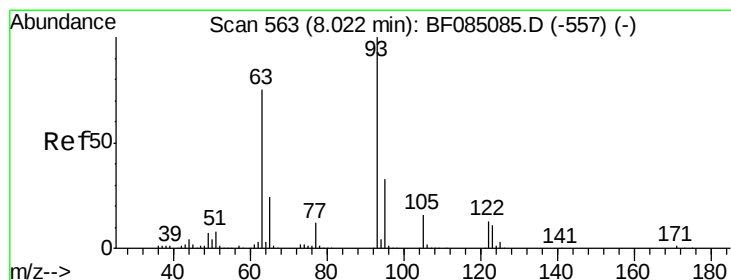
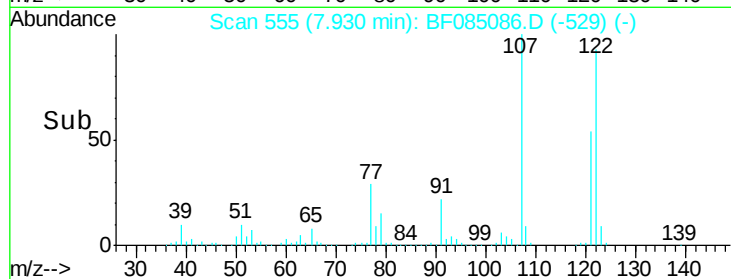
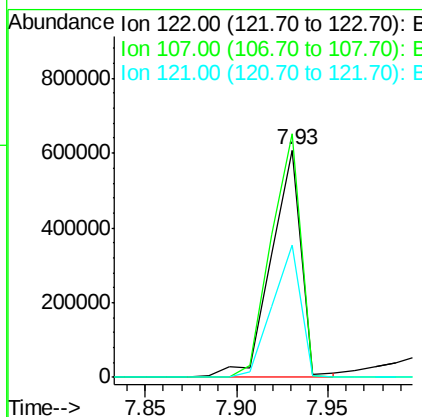
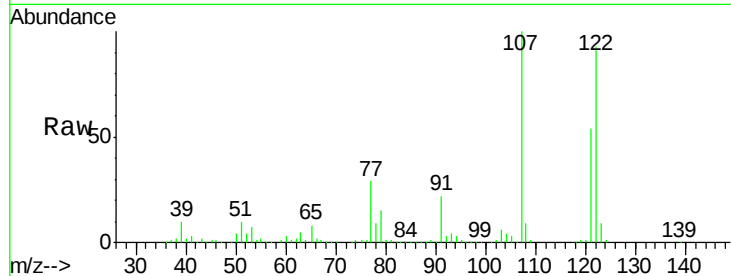
ClientSampleId :

SSTDICC050

Tot Ion:	122	Resp:	695526
Ion Ratio	Lower	Upper	
122	100		
107	107.1	91.8	137.8
121	58.2	45.0	67.4

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#28

bis(2-Chloroethoxy)methane

Concen: 51.09 ng/ml

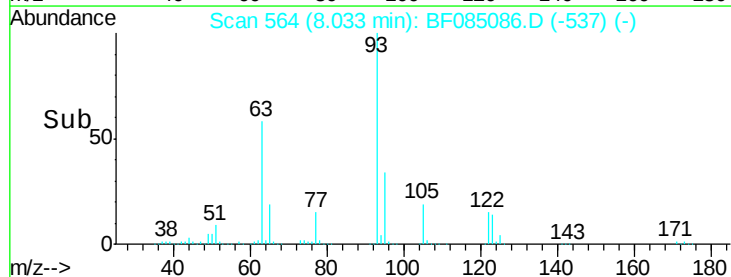
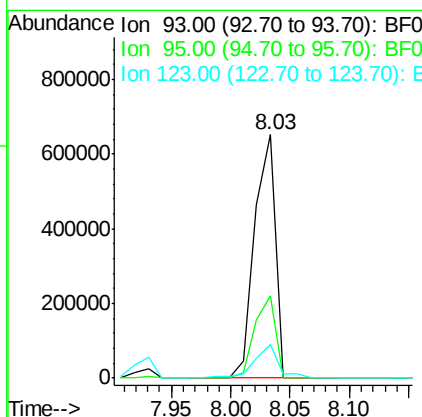
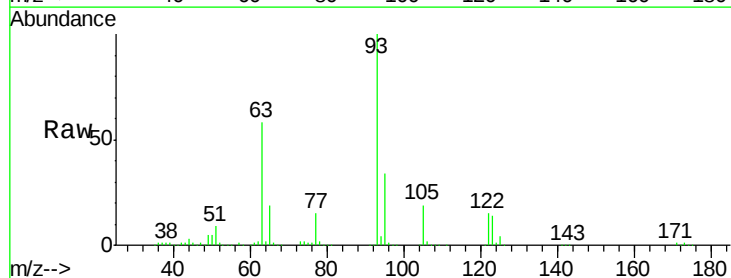
RT: 8.03 min Scan# 564

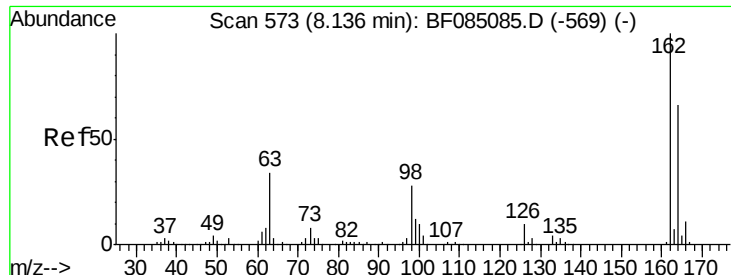
Delta R.T. 0.01 min

Lab File: BF085086.D

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Tgt Ion:	93	Resp:	801636
Ion Ratio	Lower	Upper	
93	100		
95	33.8	25.6	38.4
123	14.0	8.7	13.1#





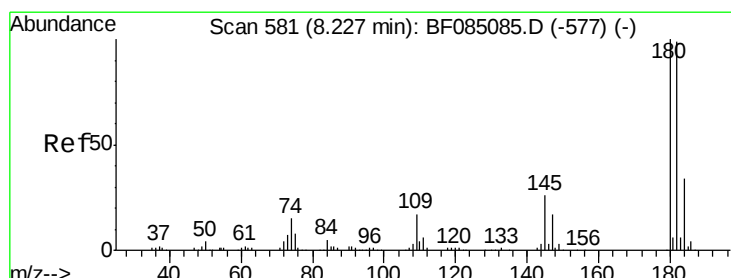
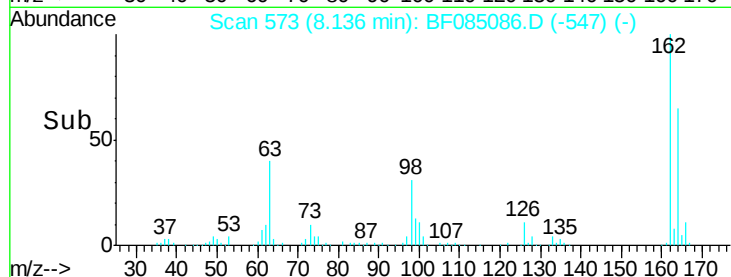
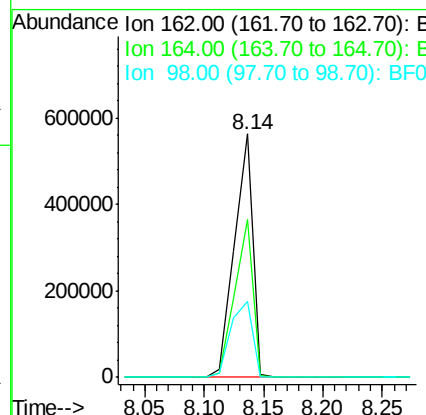
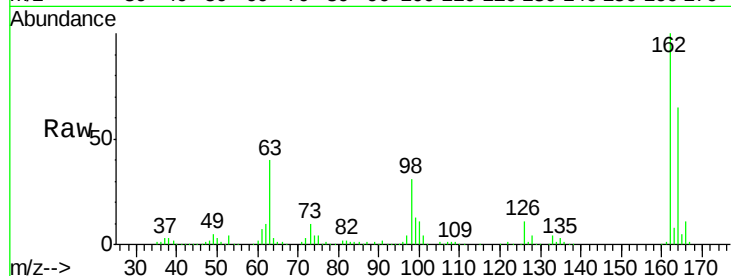
#29
 2,4-Dichlorophenol
 Concen: 55.90 ng
 RT: 8.14 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	42.8	82.8
98	31.0	17.6	57.6

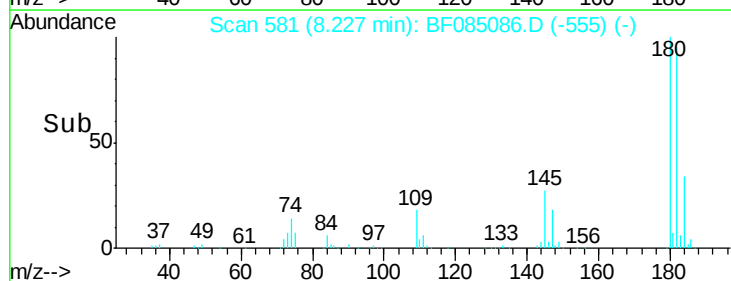
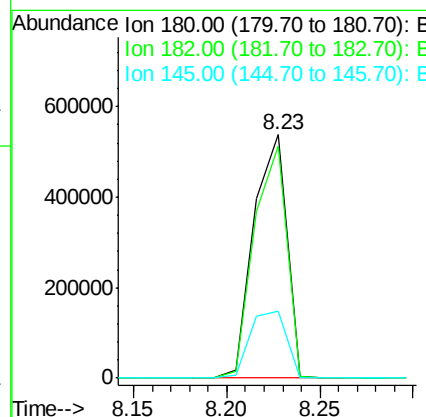
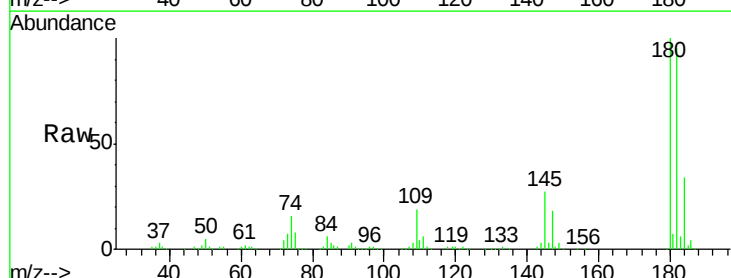
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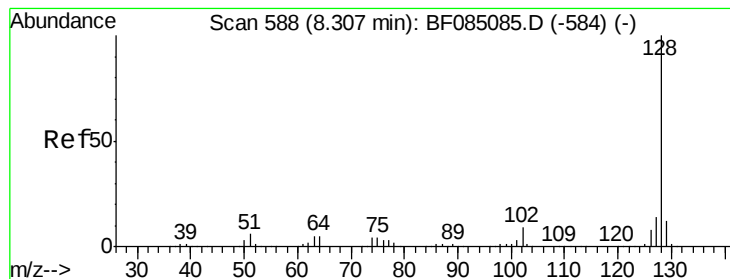
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.33 ng
 RT: 8.23 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	75.8	113.8
145	27.3	25.9	38.9





#31

Naphthalene

Concen: 48.29 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:128 Resp: 1948073

Ion Ratio Lower Upper

128 100

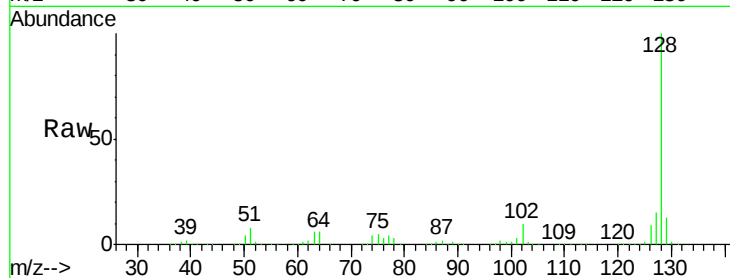
129 12.6 9.2 13.8

127 15.0 10.3 15.5

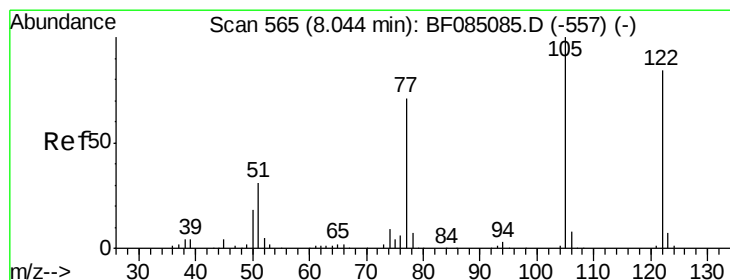
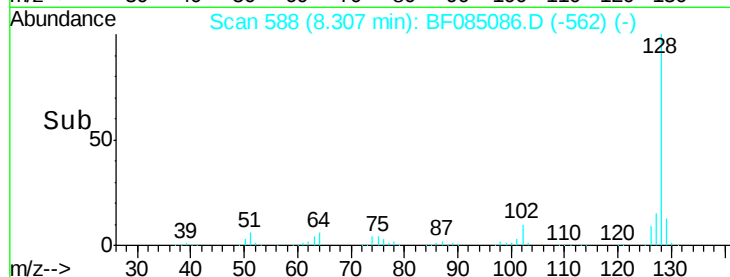
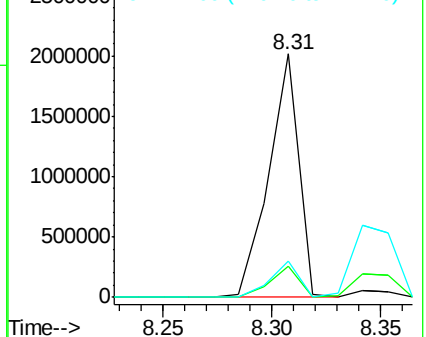
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 99.66 ng m

RT: 8.06 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

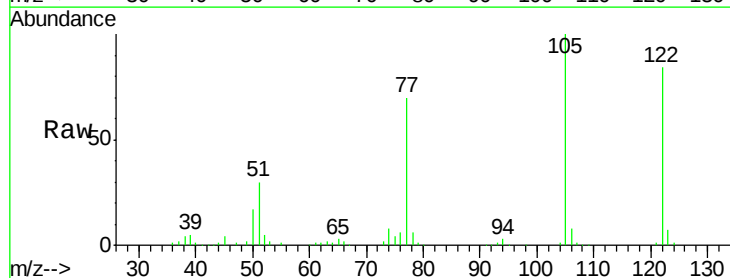
Tgt Ion:122 Resp: 523789

Ion Ratio Lower Upper

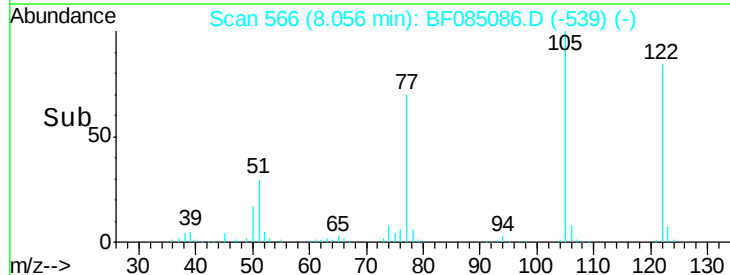
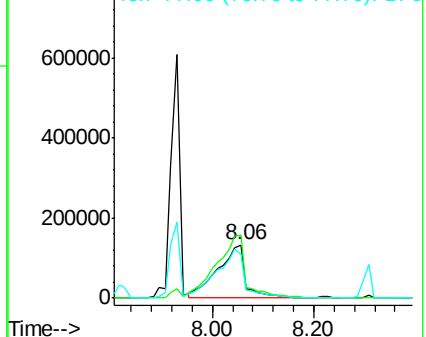
122 100

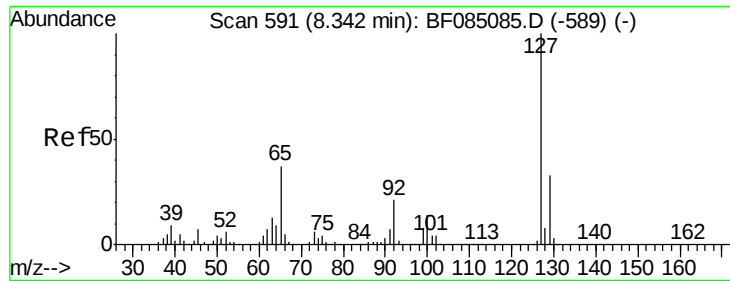
105 118.6 101.3 141.3

77 82.7 70.0 110.0



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





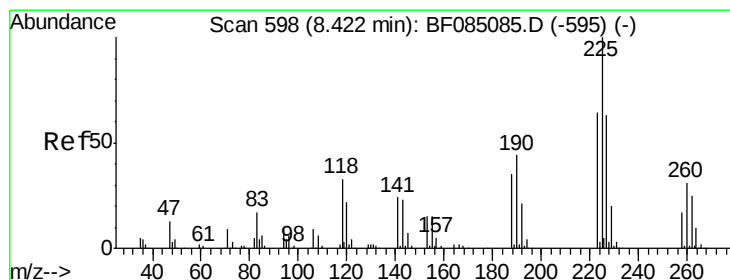
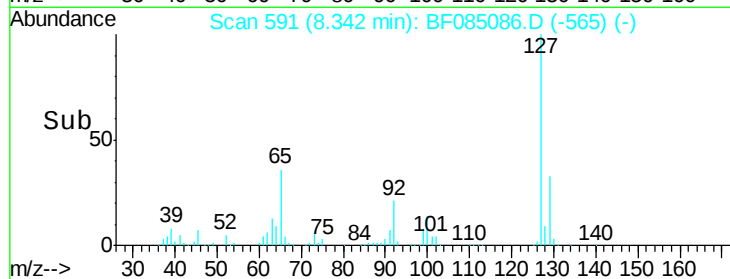
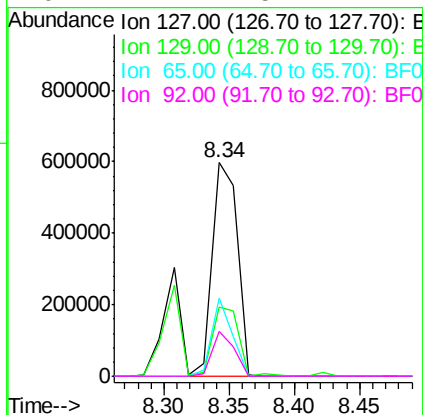
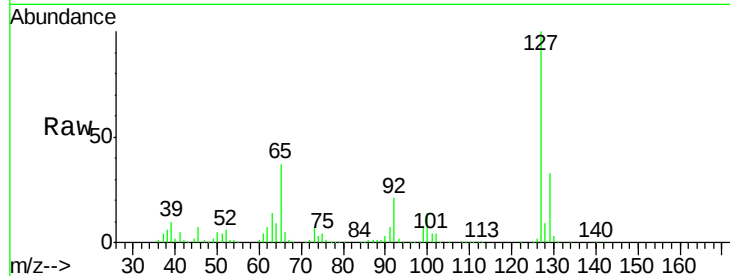
#33
4-Chloroaniline
Concen: 52.67 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		806014		
129	32.6	26.6	39.8		
65	36.6	24.7	37.1		
92	21.1	15.1	22.7		

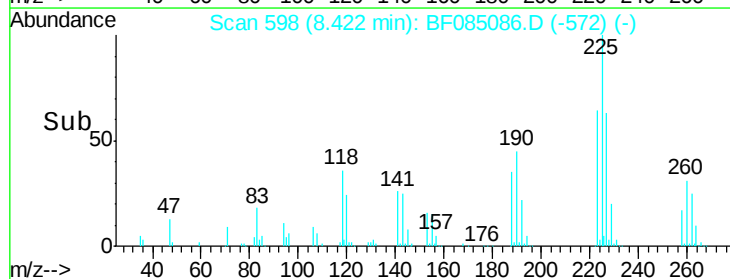
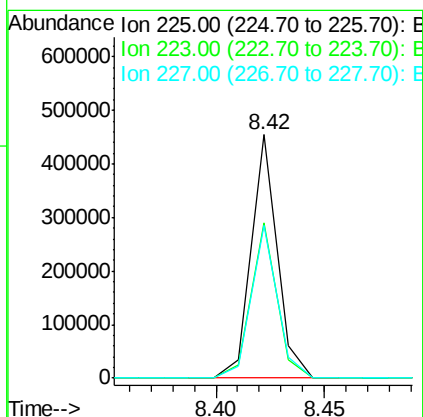
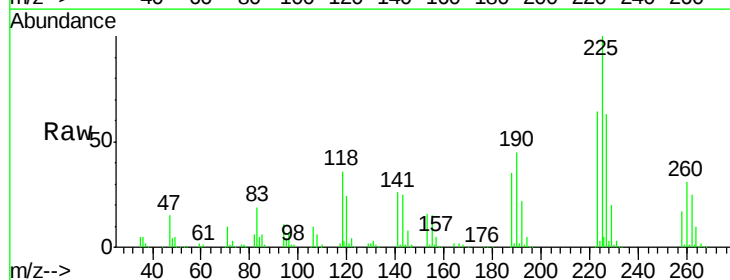
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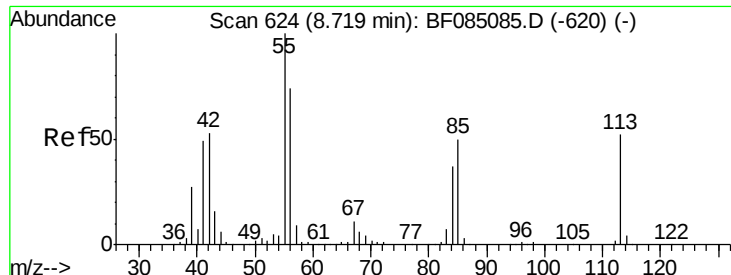
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#34
Hexachlorobutadiene
Concen: 53.84 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		377197		
223	63.7	48.6	73.0		
227	62.9	48.9	73.3		





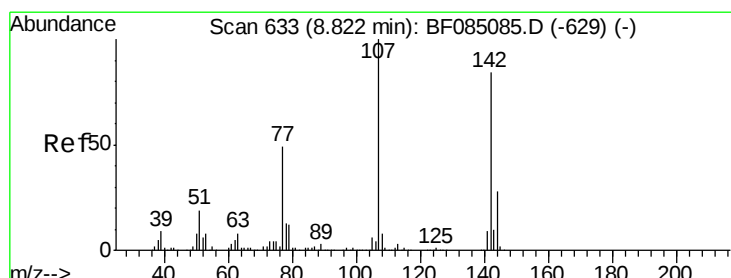
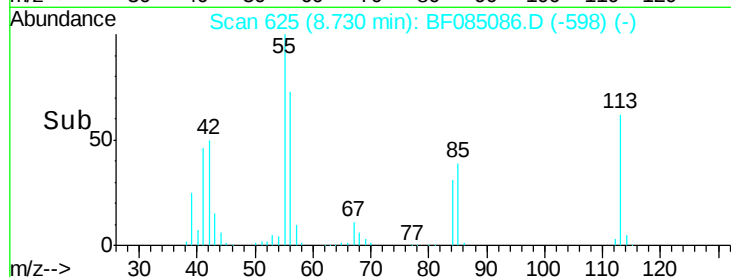
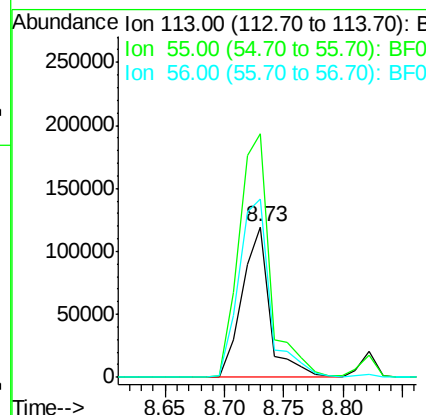
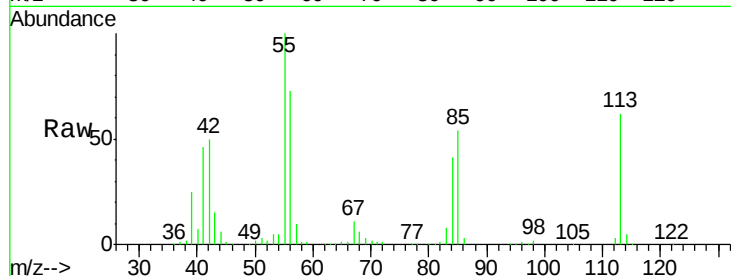
#35
Caprolactam
Concen: 66.76 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.5	173.1	213.1#
56	118.0	132.9	172.9#

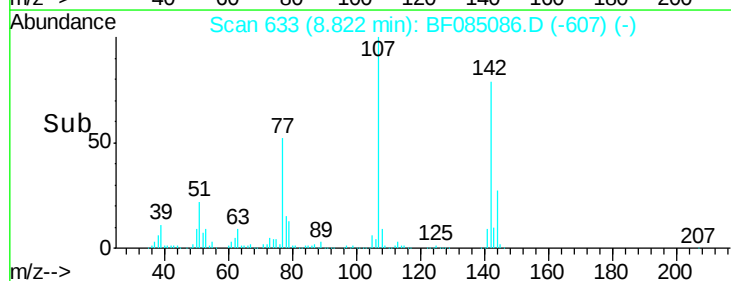
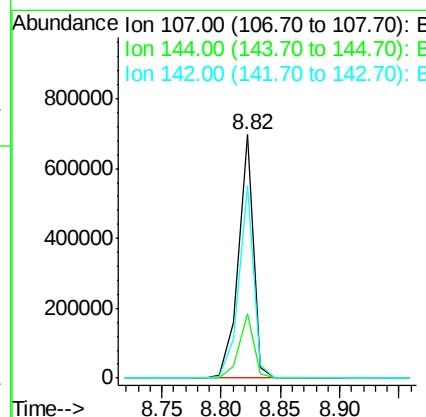
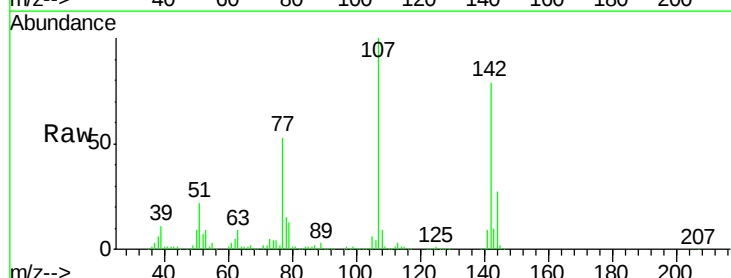
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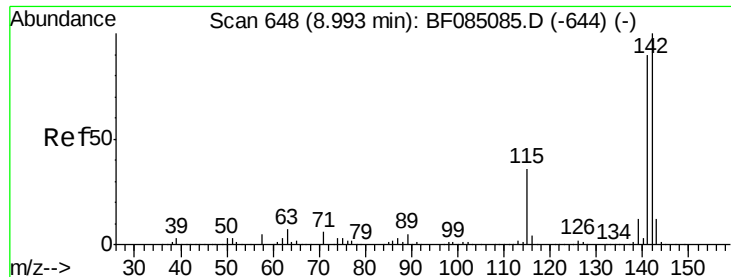
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#36
4-Chloro-3-methylphenol
Concen: 50.28 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	19.2	28.8
142	79.0	60.6	91.0





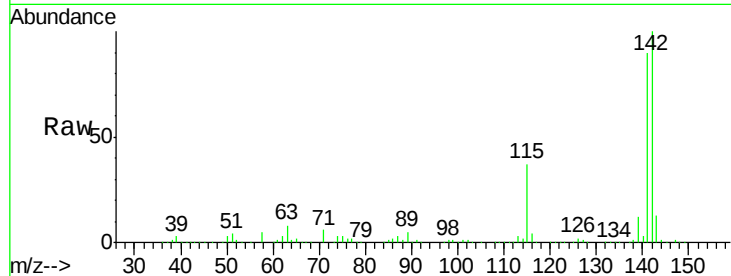
#37
2-Methylnaphthalene
Concen: 46.79 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

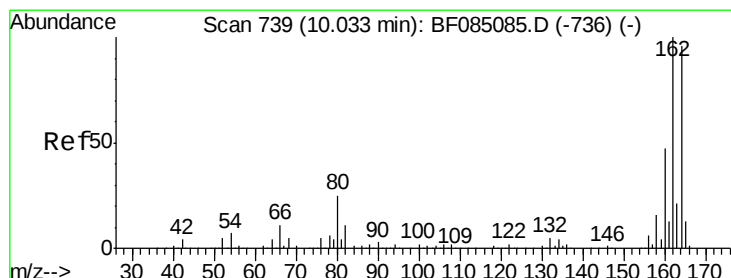
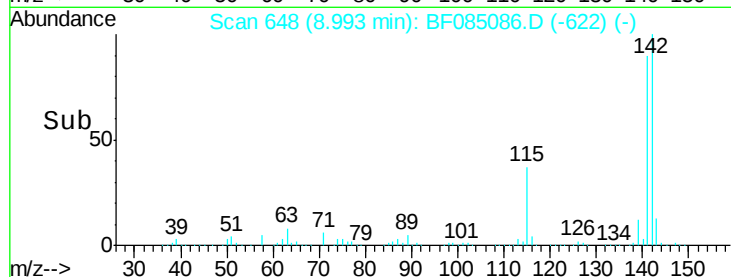
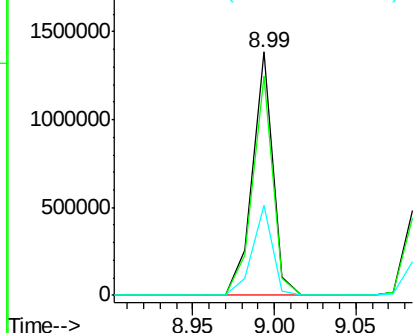
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	69.6	104.4
115	37.0	27.9	41.9

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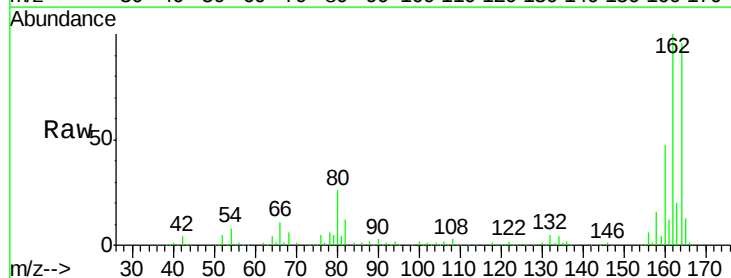


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

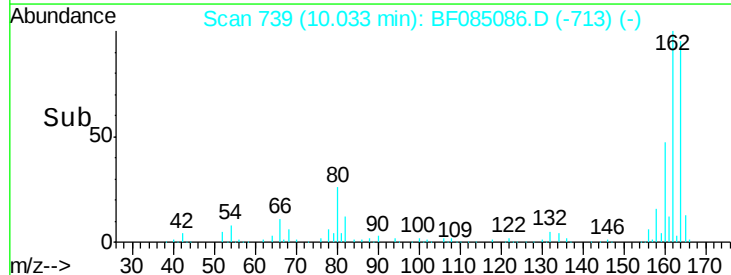
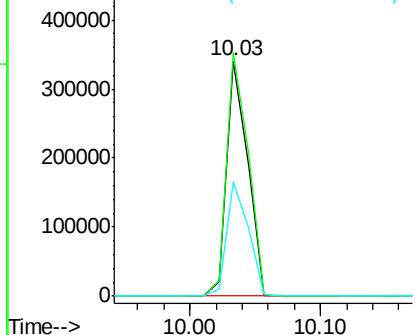


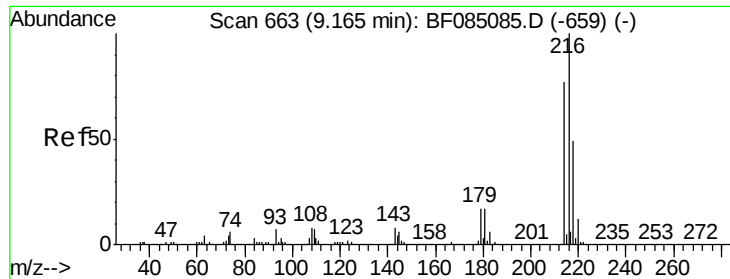
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.1	121.7
160	48.9	37.4	56.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 55.98 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

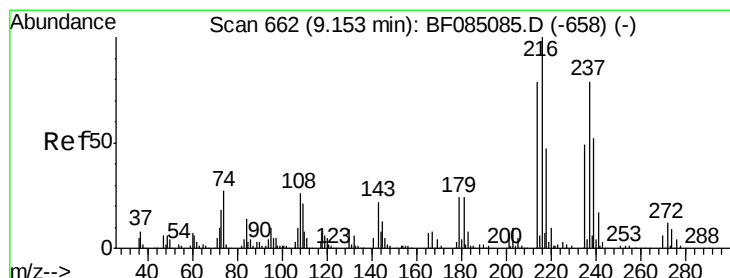
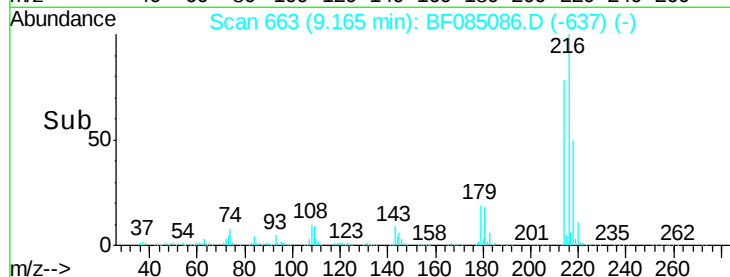
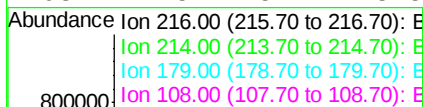
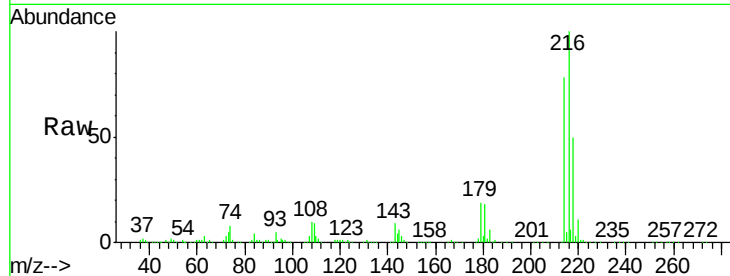
ClientSampleId :

SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		684678		
214	79.3		62.2	93.2	
179	20.8		18.1	27.1	
108	17.5		15.7	23.5	

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#40

Hexachlorocyclopentadiene

Concen: 94.20 ng

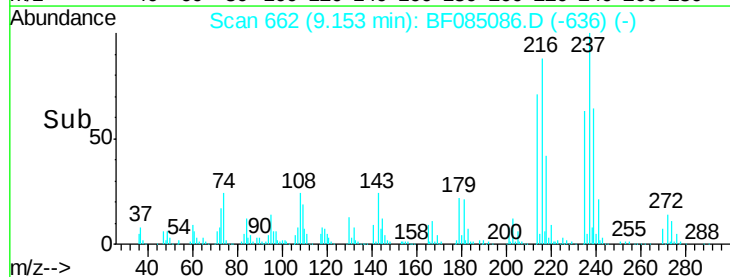
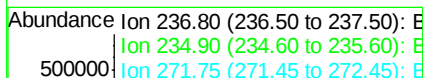
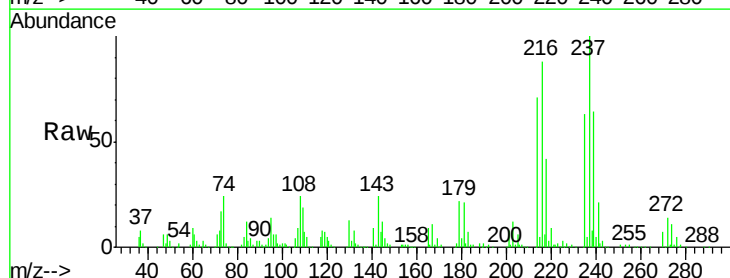
RT: 9.15 min Scan# 662

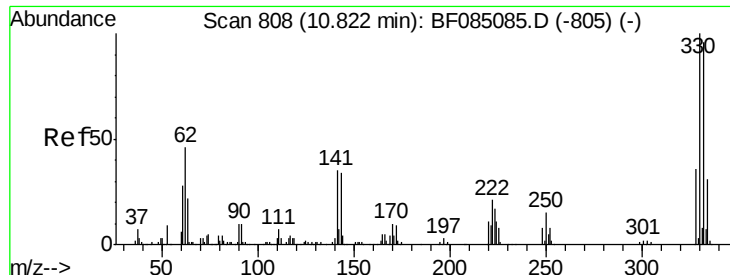
Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		383223		
235	63.2		44.8	84.8	
272	14.1		0.0	31.8	





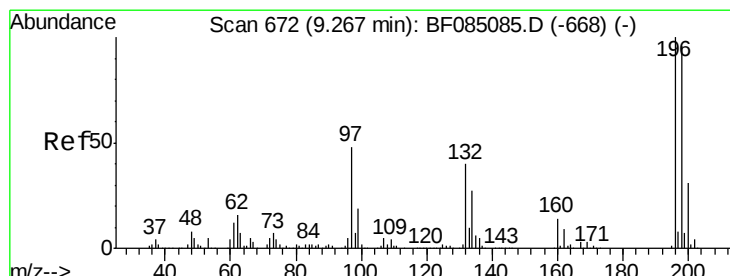
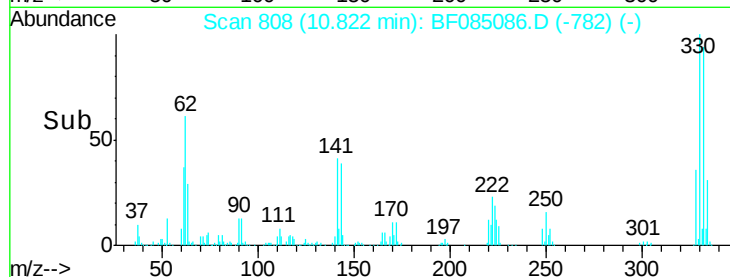
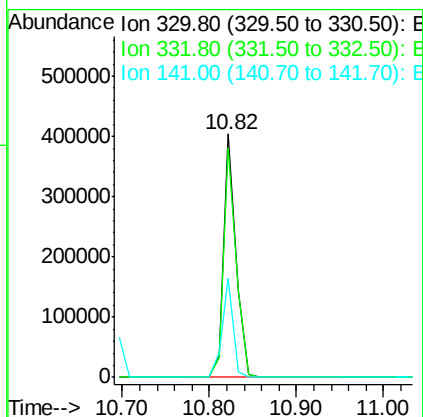
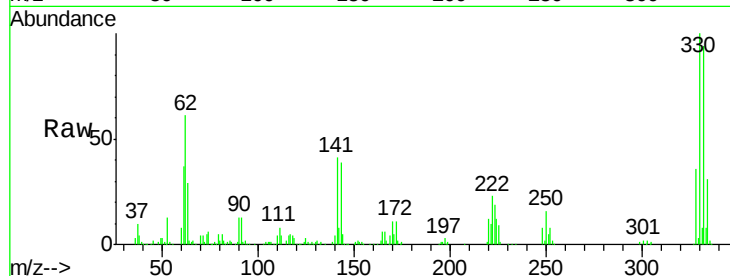
#41
 2,4,6-Tribromophenol
 Concen: 103.77 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	78.5	117.7	
141	36.7	28.6	42.8	

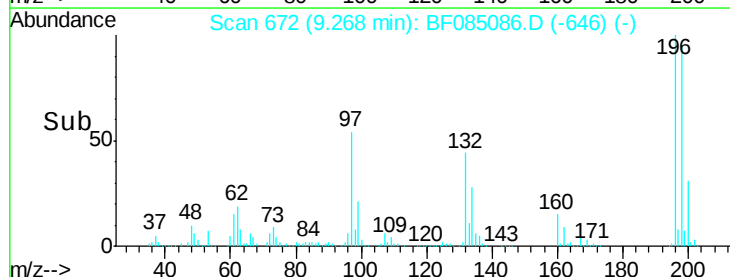
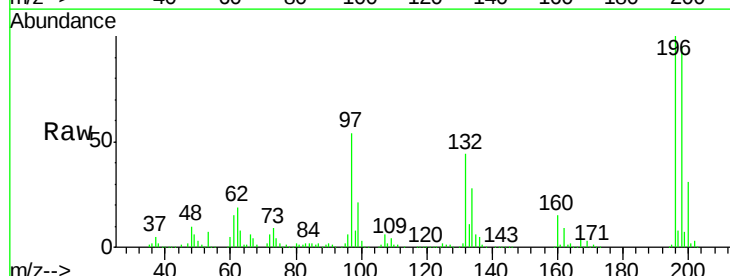
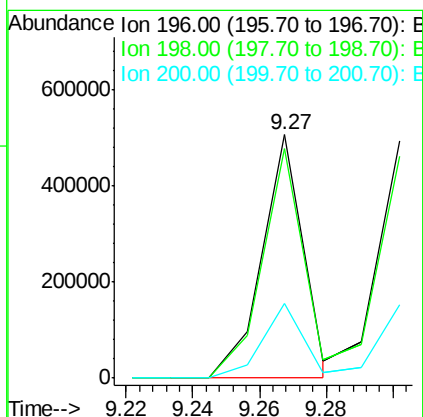
Manual Integrations
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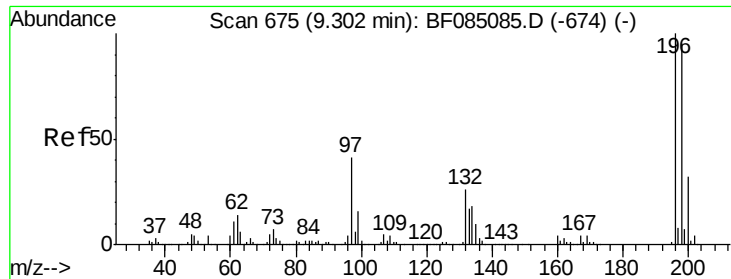
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#42
 2,4,6-Trichlorophenol
 Concen: 65.40 ng m
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.5	81.0	121.6	
200	30.9	26.3	39.5	





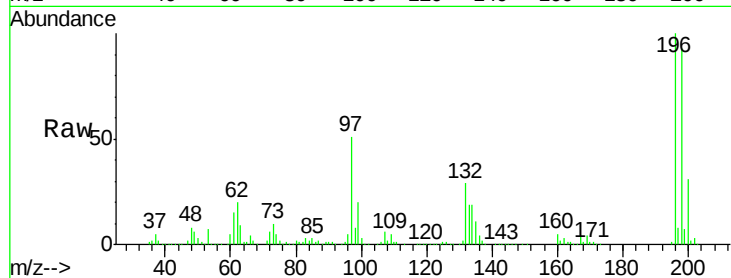
#43
 2,4,5-Trichlorophenol
 Concen: 57.43 ng/mL
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC050

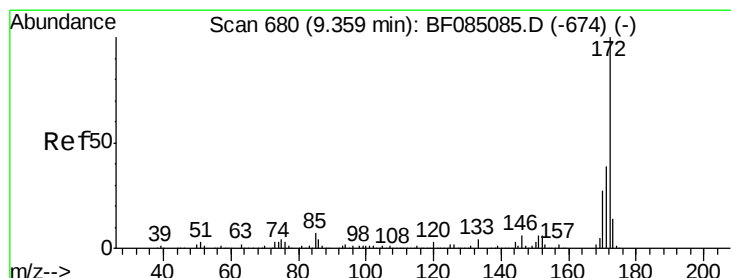
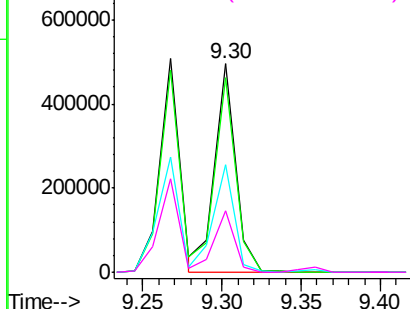
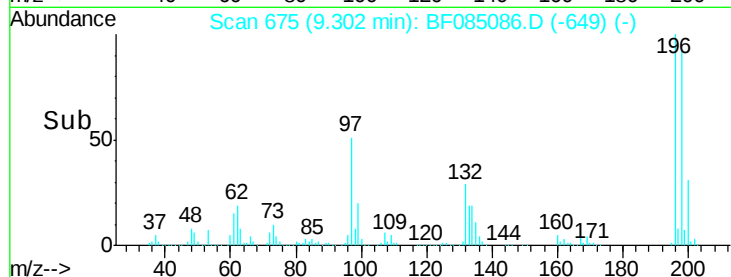
Tot Ion:	196	Resp:	450684
Ion Ratio	Lower	Upper	
196	100		
198	93.2	79.7	119.5
97	51.4	47.0	70.4
132	29.2	26.4	39.6

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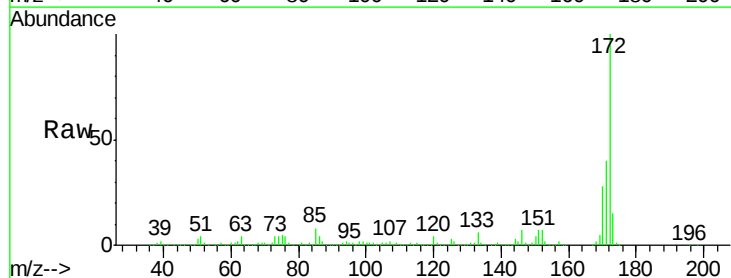


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

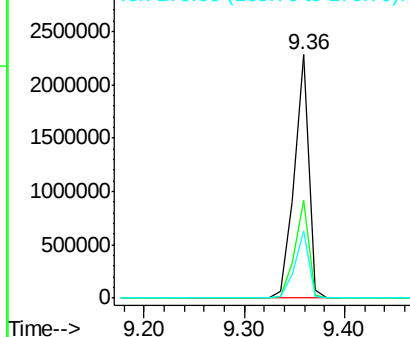
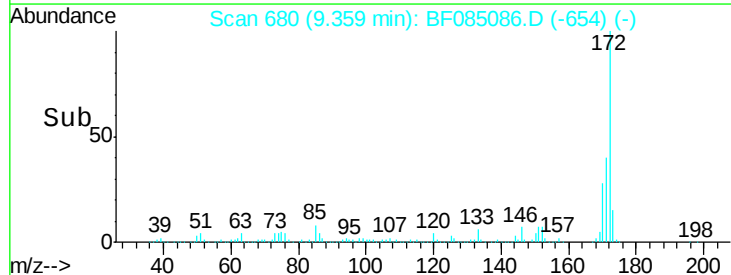


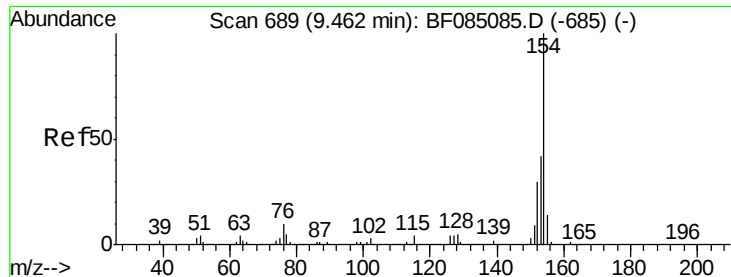
#44
 2-Fluorobiphenyl
 Concen: 86.05 ng/mL
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion:	172	Resp:	2278832
Ion Ratio	Lower	Upper	
172	100		
171	39.9	29.1	43.7
170	27.7	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 49.11 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:154 Resp: 1691052

Ion Ratio Lower Upper

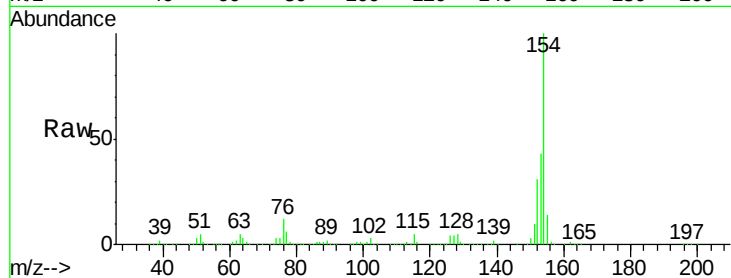
154 100

153 43.3 19.9 59.9

76 12.1 0.0 31.6

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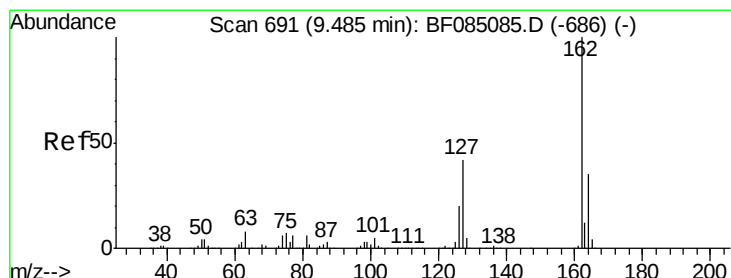
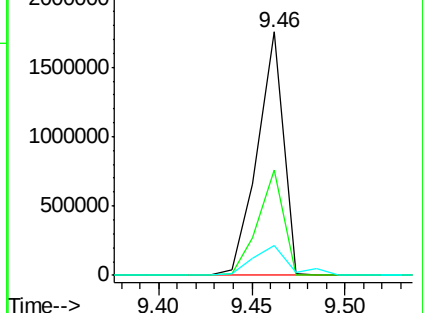
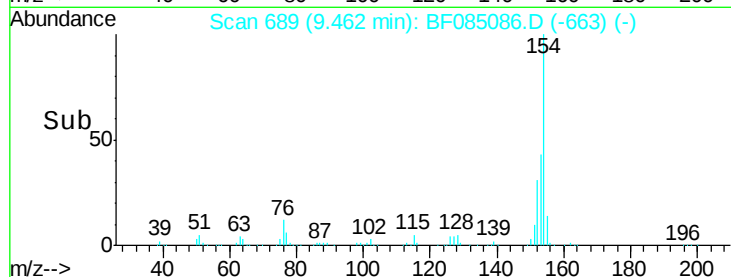
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.98 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

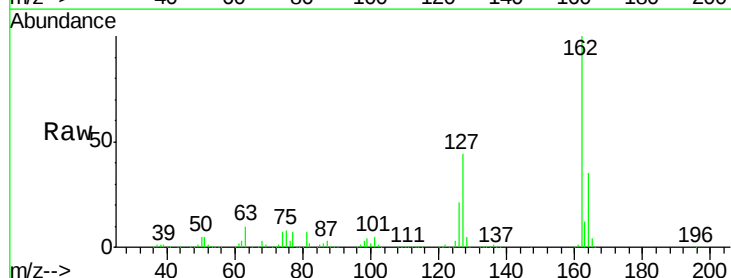
Tgt Ion:162 Resp: 1219492

Ion Ratio Lower Upper

162 100

127 43.7 34.8 52.2

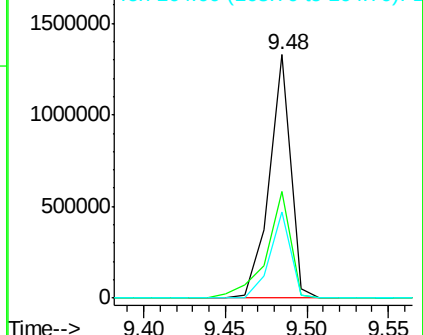
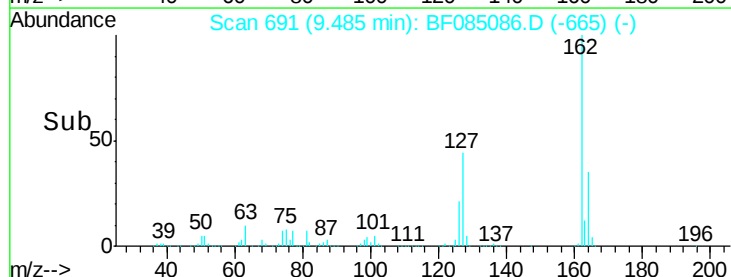
164 35.2 25.8 38.6

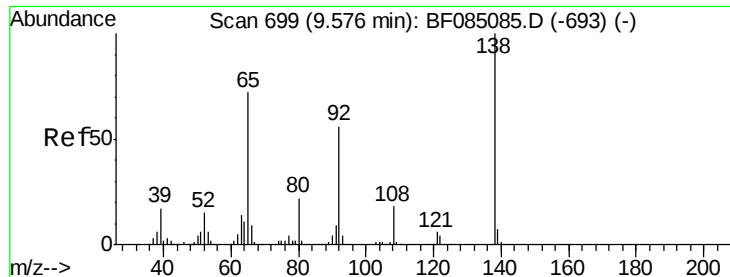


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.45 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

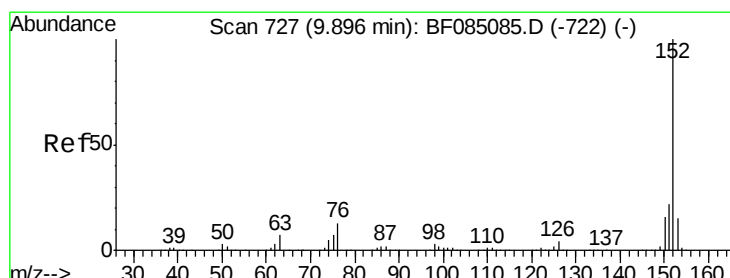
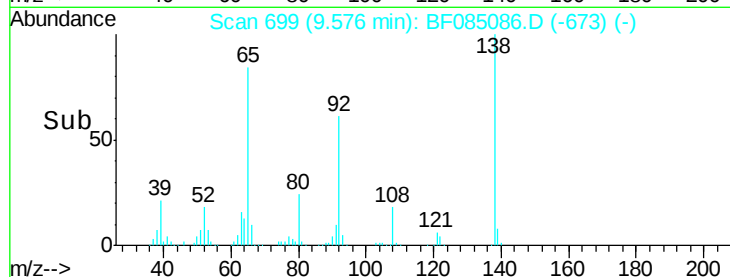
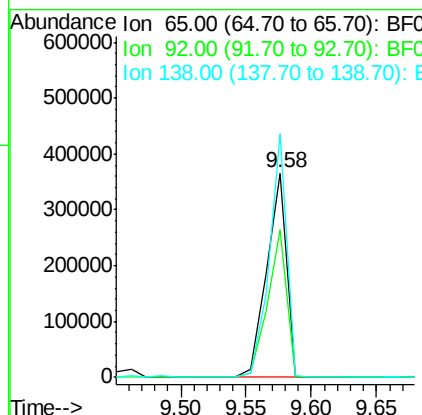
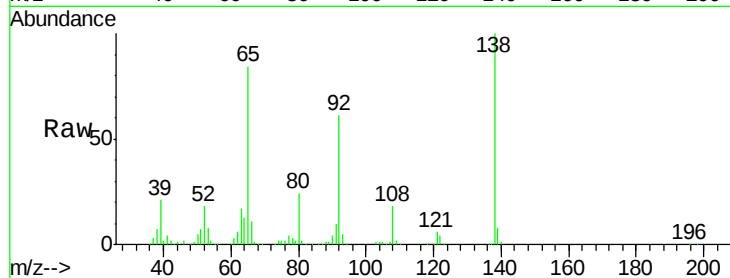
ClientSampleId :

SSTDICC050

Tot Ion:	65	Resp:	387552
Ion Ratio	Lower	Upper	
65	100		
92	72.4	57.1	85.7
138	119.3	86.8	130.2

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#48

Acenaphthylene

Concen: 48.31 ng

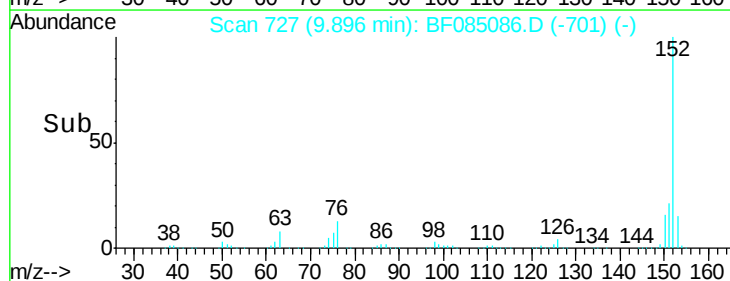
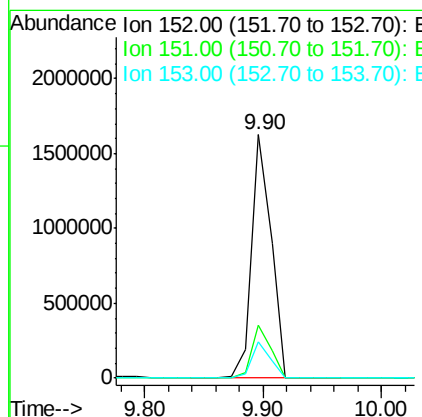
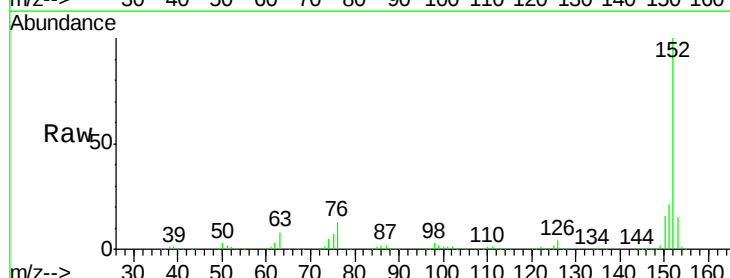
RT: 9.90 min Scan# 727

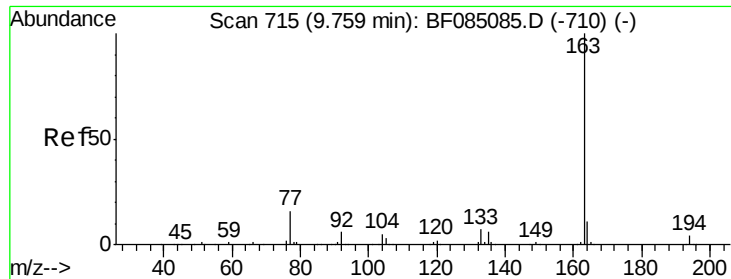
Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:	152	Resp:	1871427
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.0	24.0
153	14.9	11.1	16.7





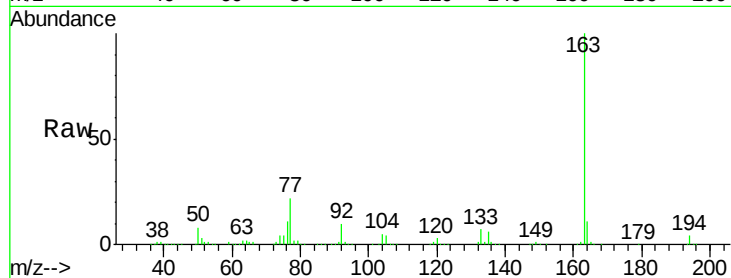
#49
Dimethylphthalate
Concen: 49.89 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

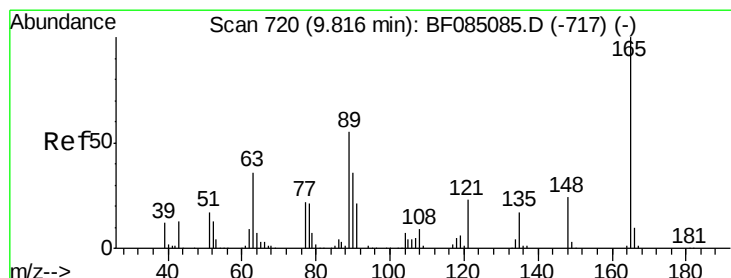
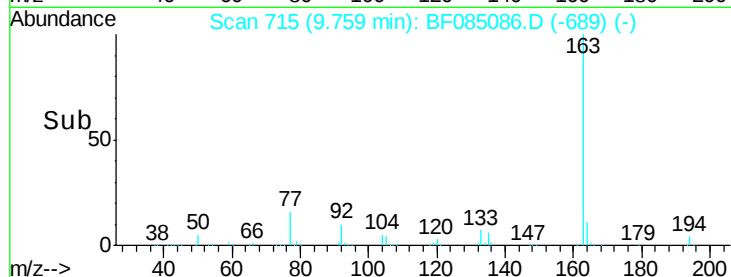
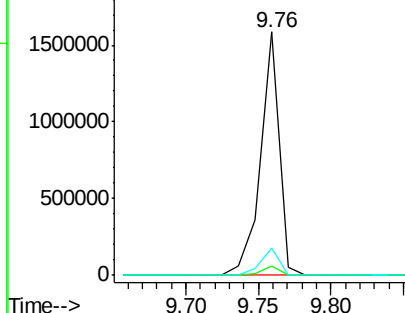
Tot Ion:163 Resp: 1416002
Ion Ratio Lower Upper
163 100
194 4.0 2.5 3.7#
164 11.3 7.8 11.8

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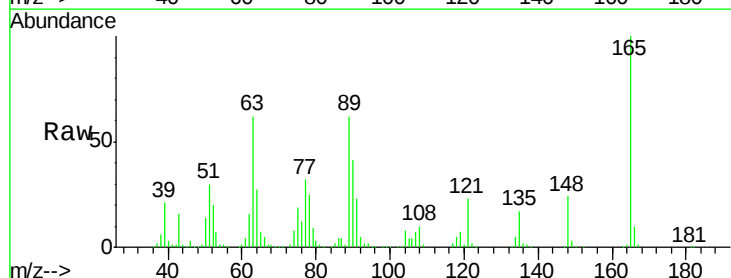


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

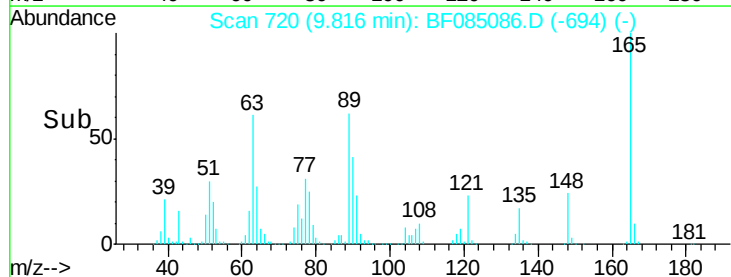
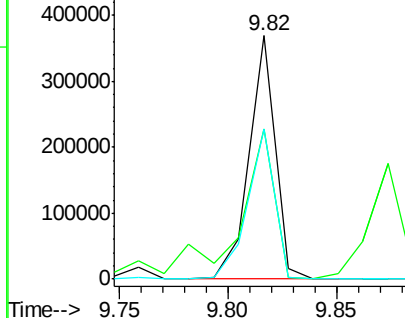


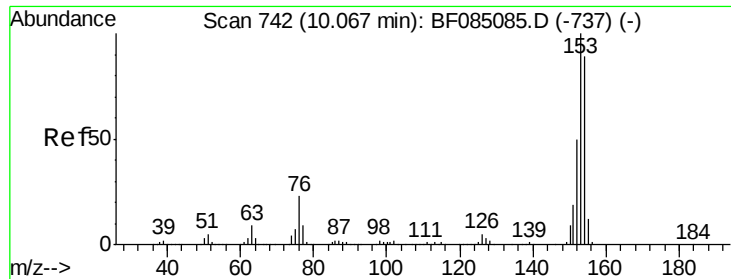
#50
2,6-Dinitrotoluene
Concen: 52.88 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:165 Resp: 307923
Ion Ratio Lower Upper
165 100
63 61.7 47.5 71.3
89 61.5 42.9 64.3



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





#51

Acenaphthene

Concen: 49.65 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:154 Resp: 1162990

Ion Ratio Lower Upper

154 100

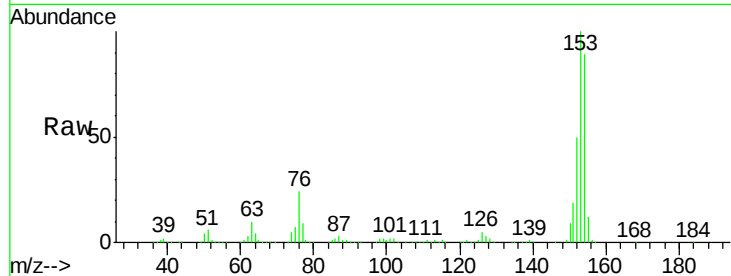
153 112.3 89.5 134.3

152 55.8 40.7 61.1

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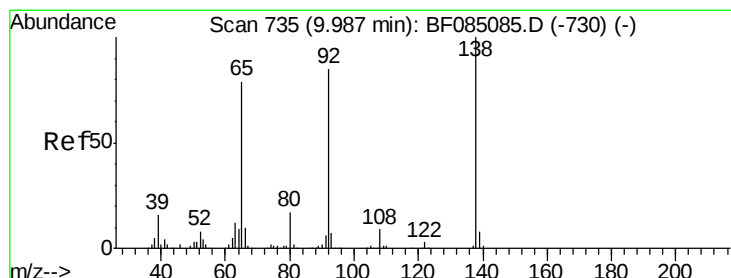
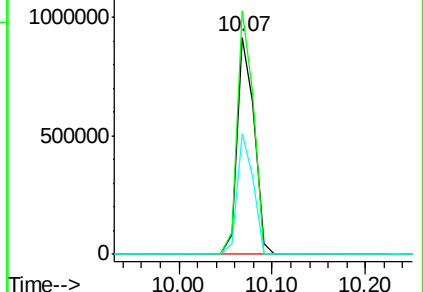
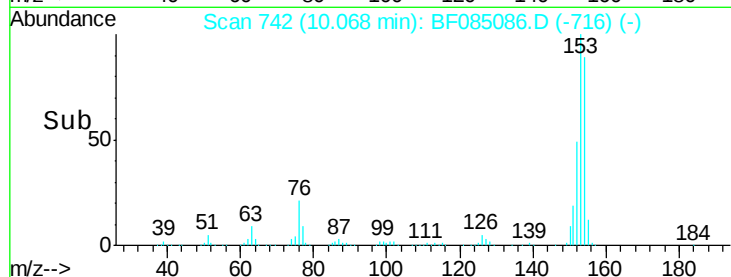
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 58.95 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

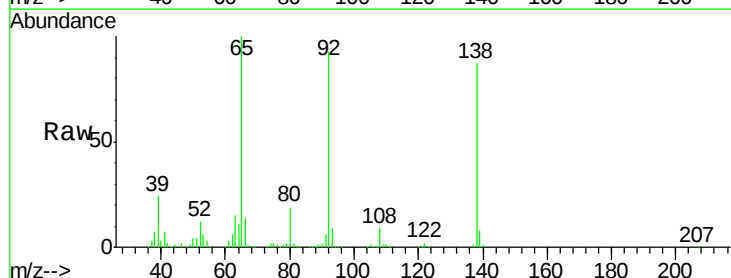
Tgt Ion:138 Resp: 381356

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

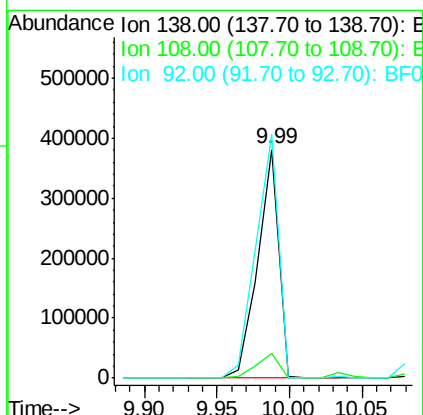
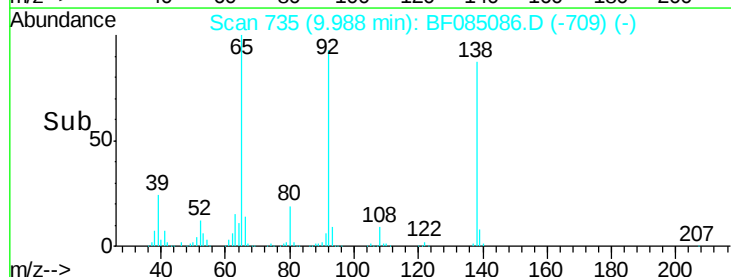
92 106.6 88.9 133.3

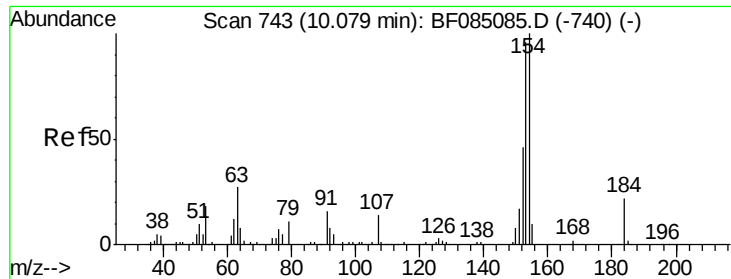


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





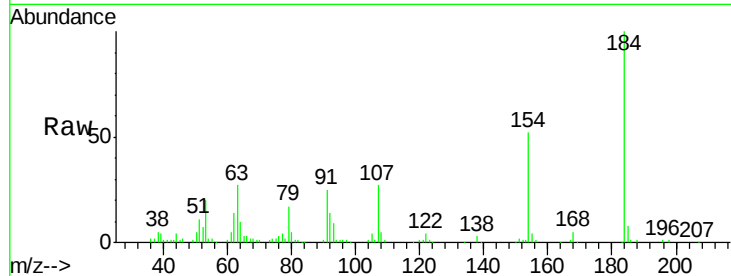
#53
2,4-Dinitrophenol
Concen: 55.76 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	107514		
63	27.4	60.6	90.8#	
154	52.3	70.2	105.2#	

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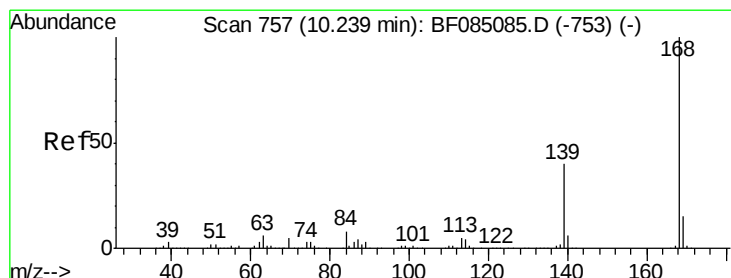
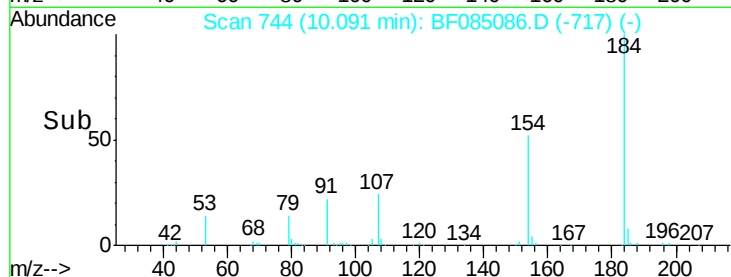
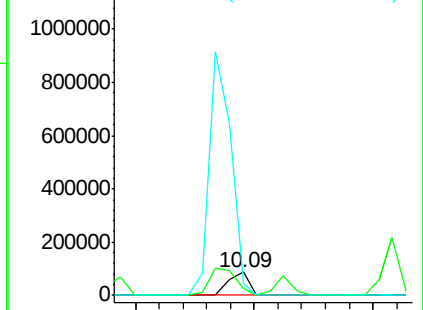


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 47.91 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

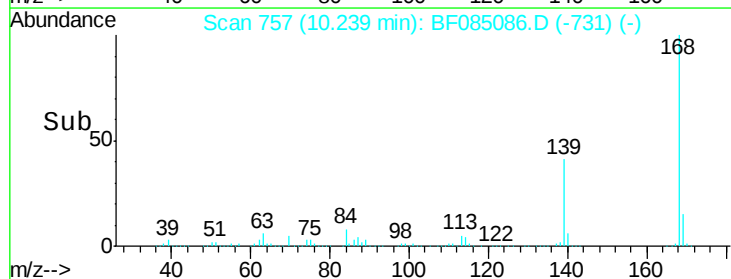
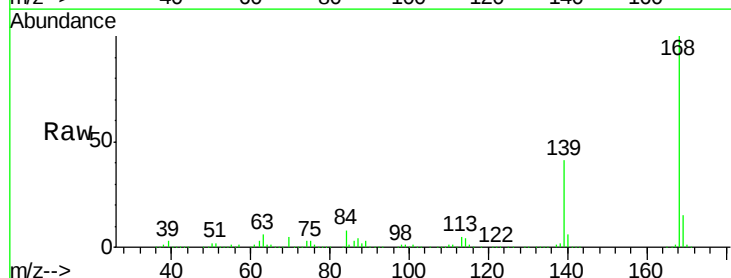
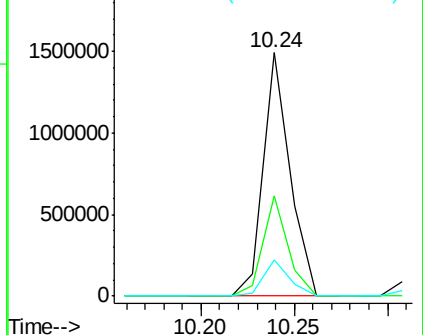
Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1501164		
139	41.2	33.0	49.4	
169	14.9	10.9	16.3	

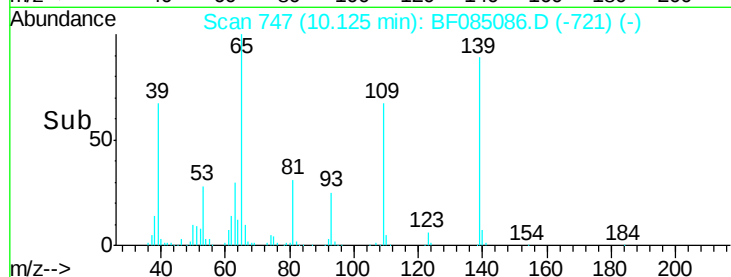
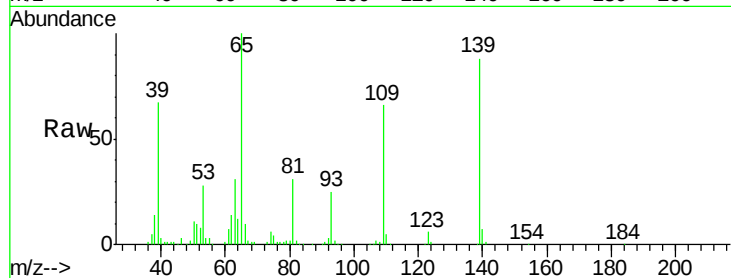
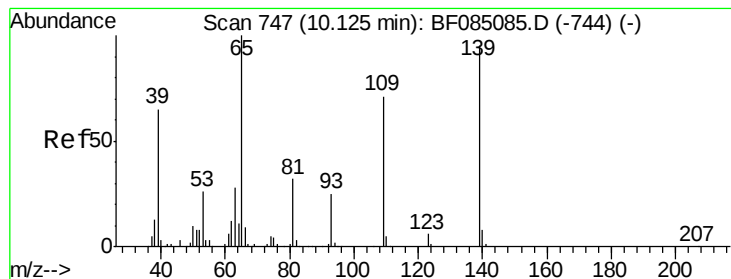
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 63.81 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:139 Resp: 264855

Ion Ratio Lower Upper

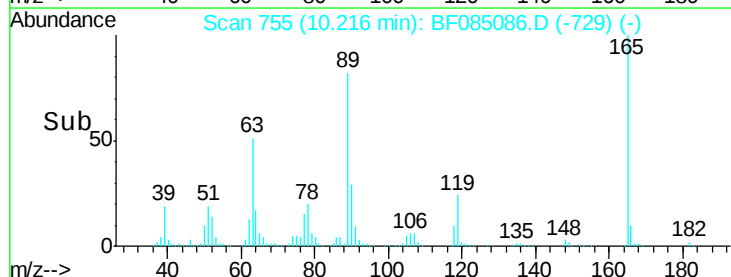
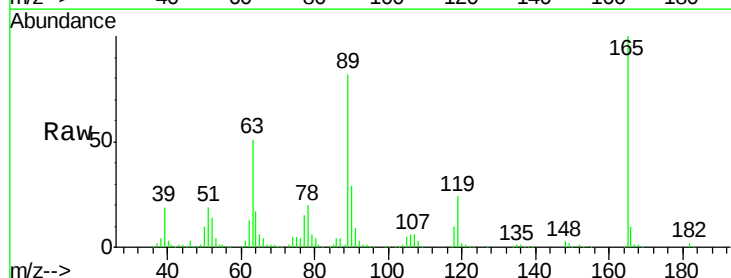
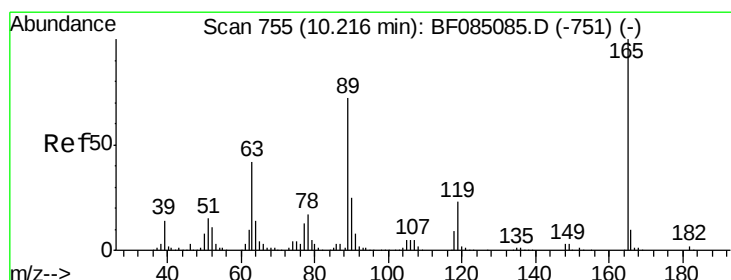
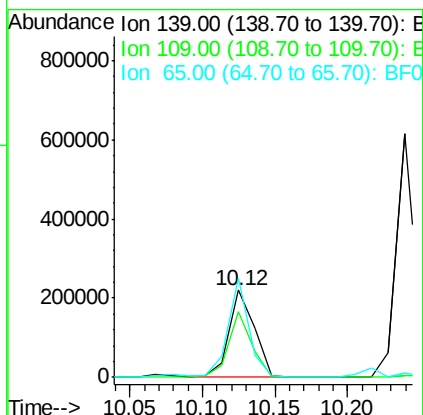
139 100

109 75.1 48.7 88.7

65 113.3 78.8 118.8

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#56

2,4-Dinitrotoluene

Concen: 47.60 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:165 Resp: 377601

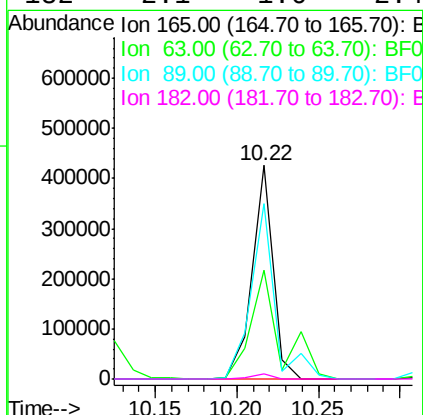
Ion Ratio Lower Upper

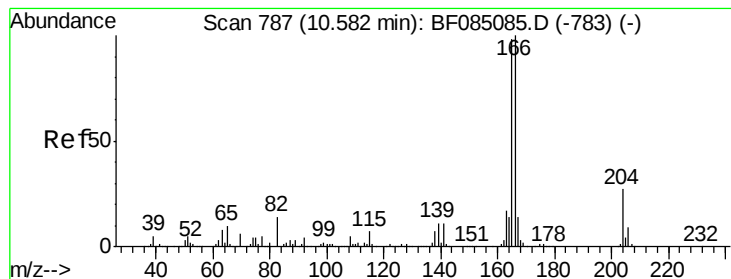
165 100

63 51.0 36.6 55.0

89 82.2 54.4 81.6#

182 2.1 1.6 2.4





#57

Fluorene

Concen: 45.24 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:166 Resp: 1215515

Ion Ratio Lower Upper

166 100

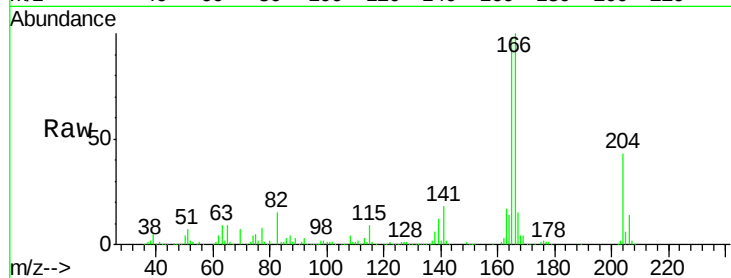
165 97.6 78.9 118.3

167 14.7 10.9 16.3

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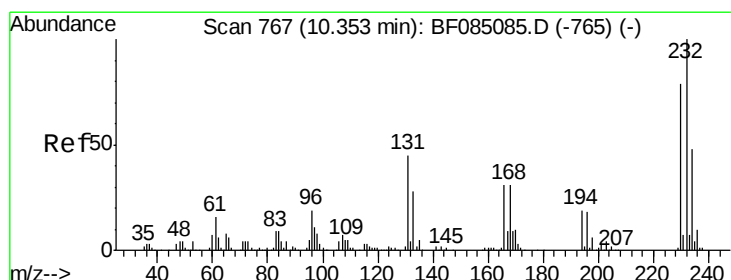
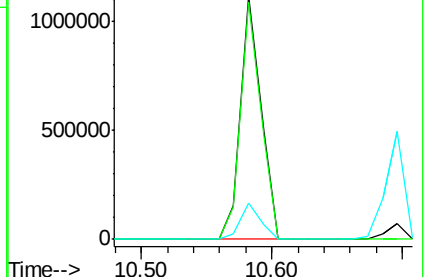
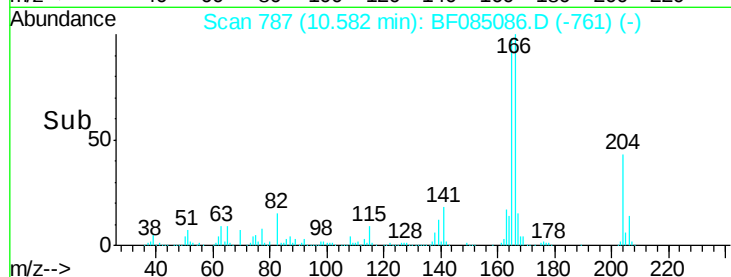
2/19/2016 7:56:49 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.91 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:232 Resp: 353238

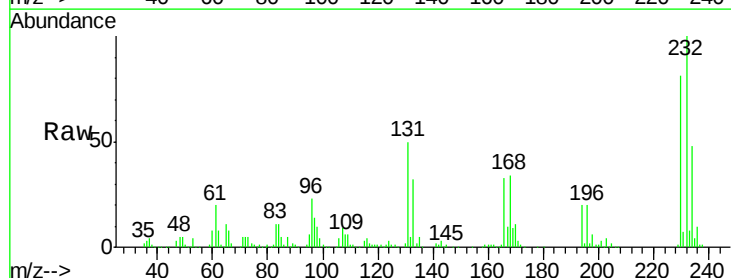
Ion Ratio Lower Upper

232 100

131 46.0 39.7 59.5

130 2.3 1.8 2.8

166 30.4 24.2 36.2

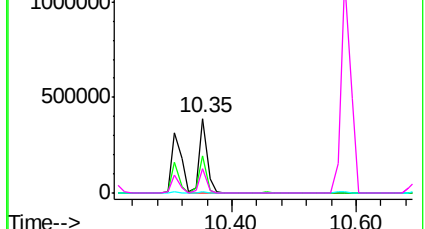
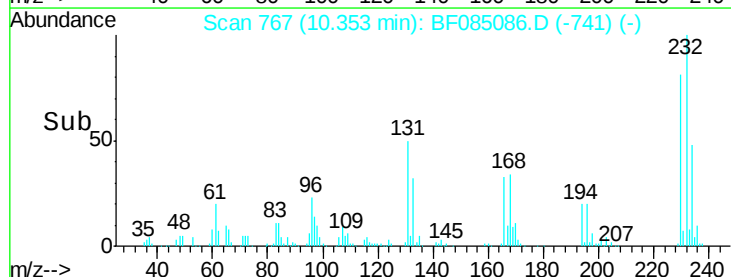


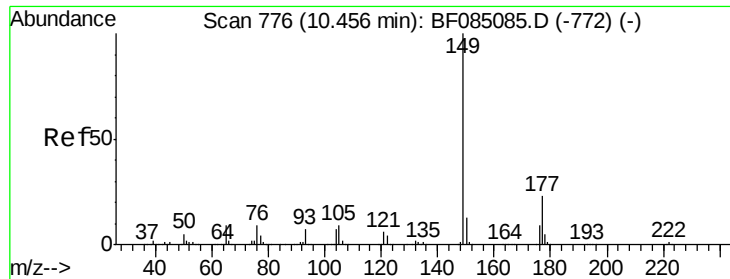
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





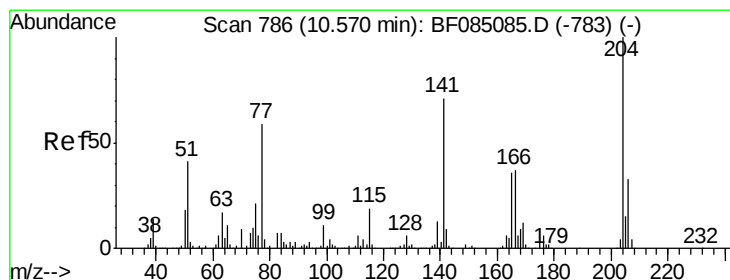
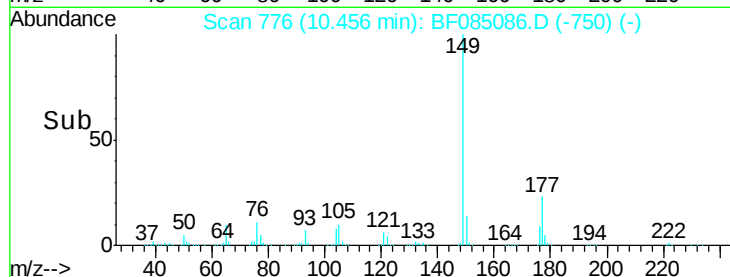
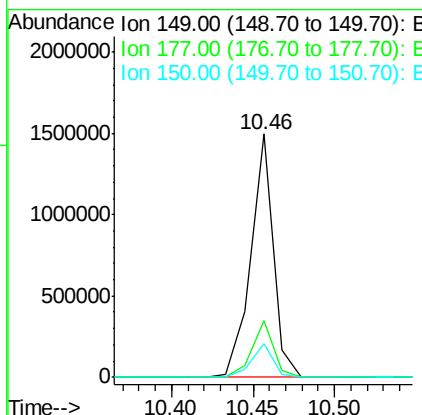
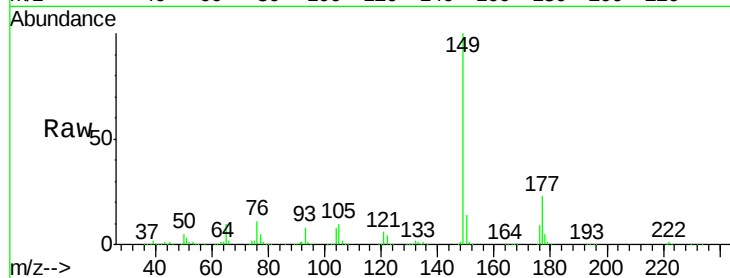
#59
Diethylphthalate
Concen: 51.00 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.3	16.4	24.6
150	13.8	10.2	15.4

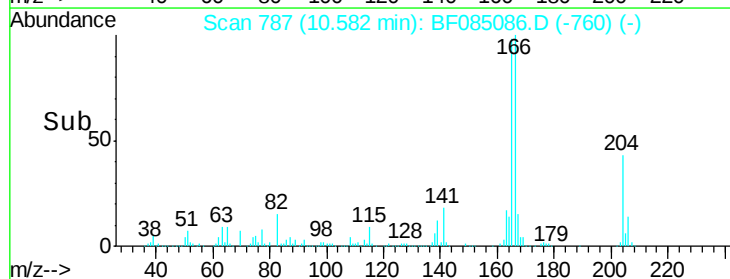
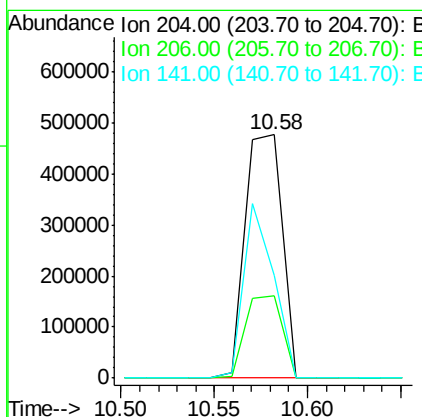
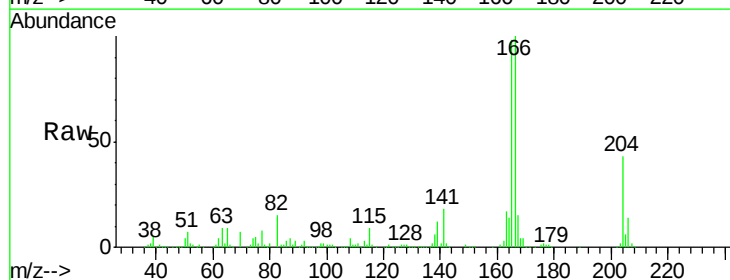
Manual Integrations
APPROVED

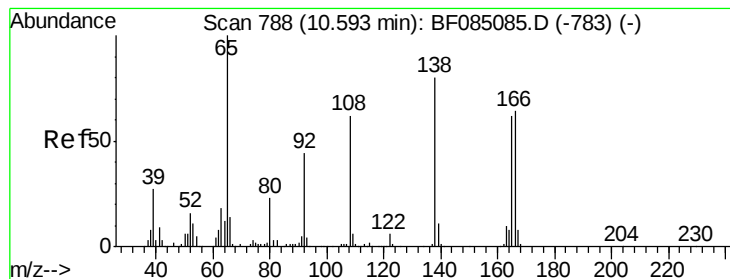
Sohil
2/19/2016 7:56:49 AM



#60
4-Chlorophenyl-phenylether
Concen: 50.95 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.8	38.6
141	42.1	50.5	75.7#





#61

4-Nitroaniline

Concen: 56.74 ng

RT: 10.59 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

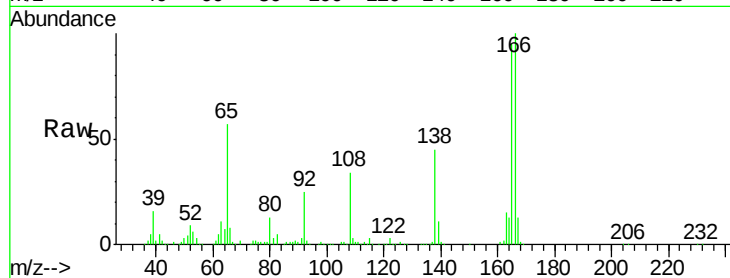
ClientSampleId :

SSTDICC050

Tot Ion:	138	Resp:	337265
Ion Ratio	Lower	Upper	
138	100		
92	54.3	32.6	72.6
108	74.2	54.6	94.6

Manual Integrations
APPROVED

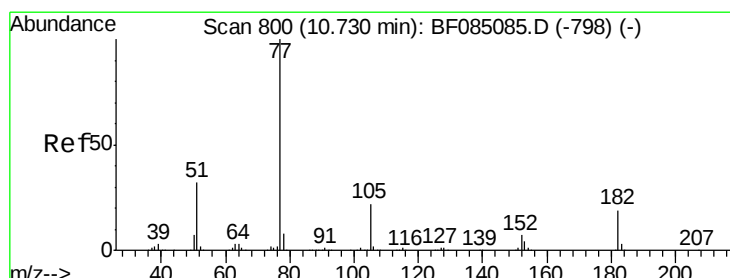
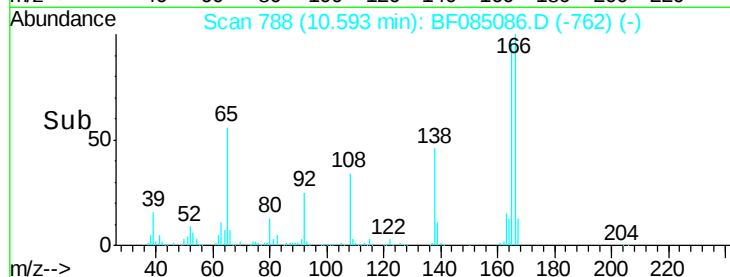
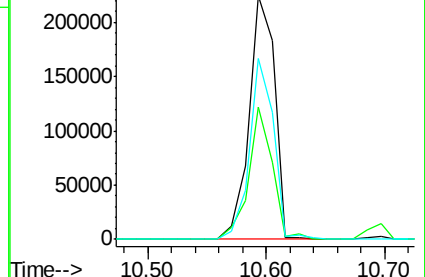
Sohil
2/19/2016 7:56:49 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.92 ng

RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

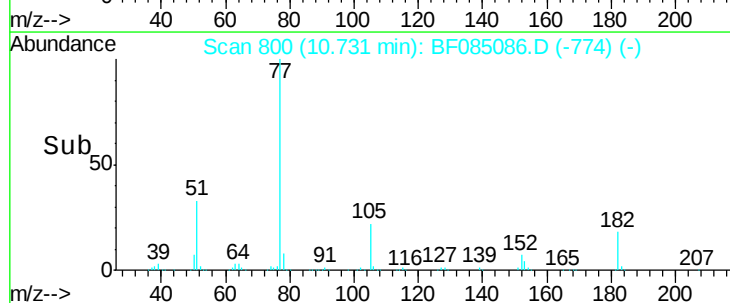
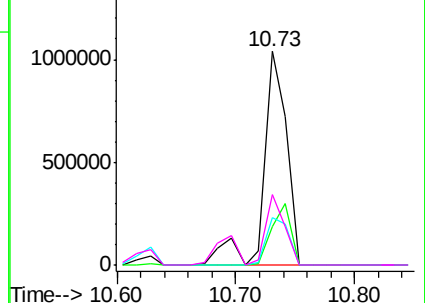
Tgt Ion:	77	Resp:	1406872
Ion Ratio	Lower	Upper	
77	100		
182	17.7	1.3	41.3
105	21.9	4.2	44.2
51	33.0	13.5	53.5

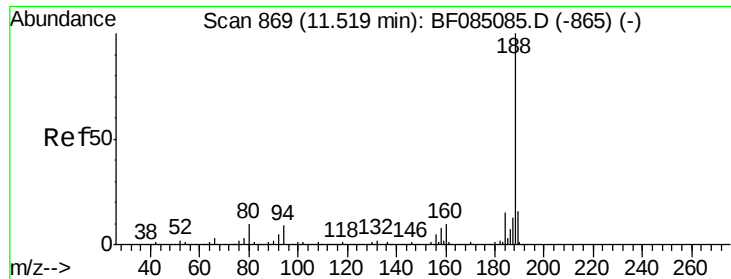
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





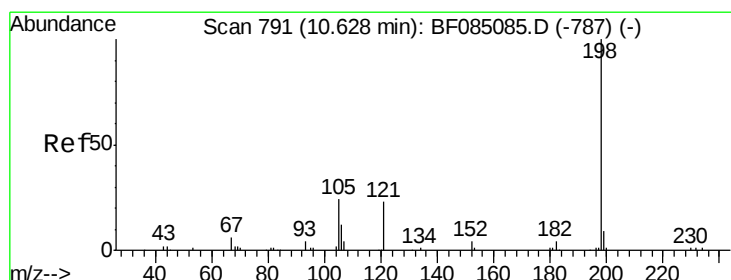
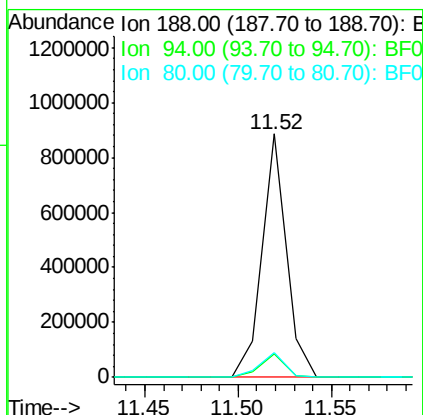
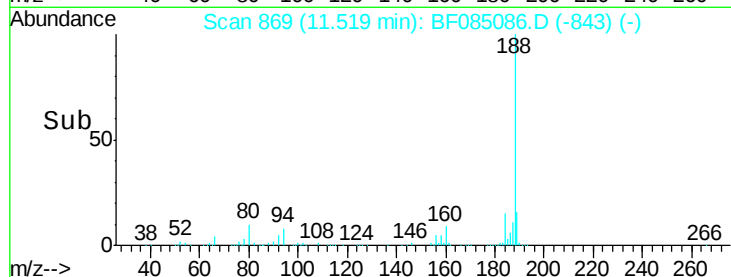
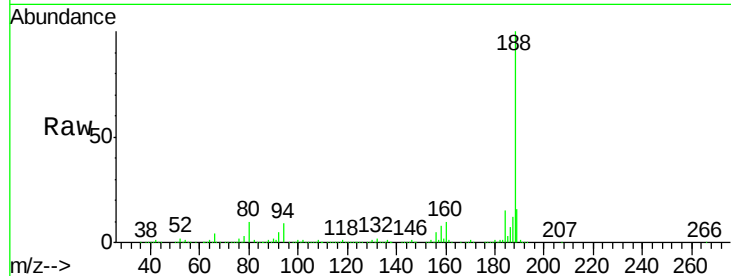
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	6.2	9.2#
80	10.0	6.6	9.8#

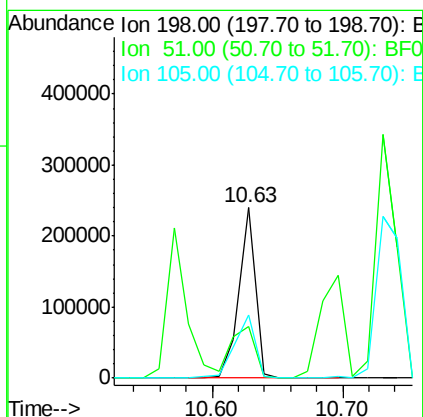
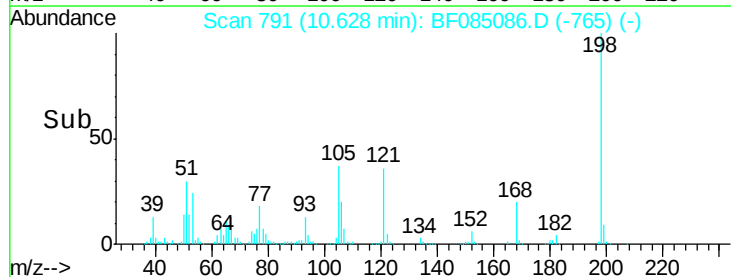
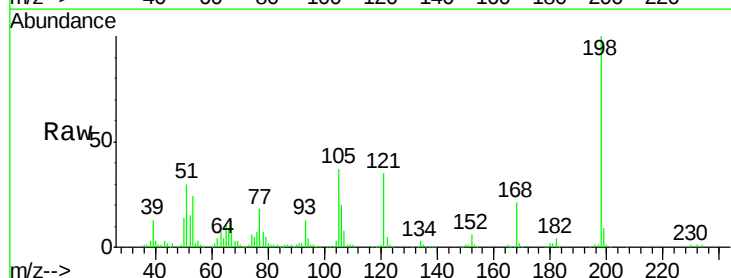
Manual Integrations
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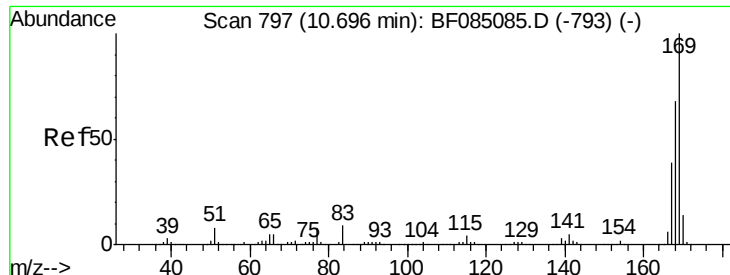
Sohil
2/19/2016 7:56:49 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 49.34 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	30.3	34.5	74.5#
105	37.4	26.2	66.2





#65

n-Nitrosodiphenylamine

Concen: 49.53 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:169 Resp: 1251054

Ion Ratio Lower Upper

169 100

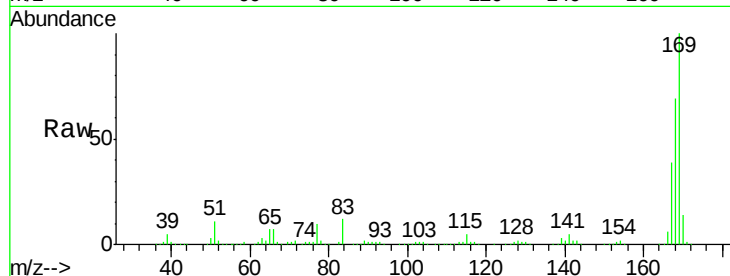
168 68.9 54.8 82.2

167 39.2 29.8 44.8

Manual Integrations
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Sohil

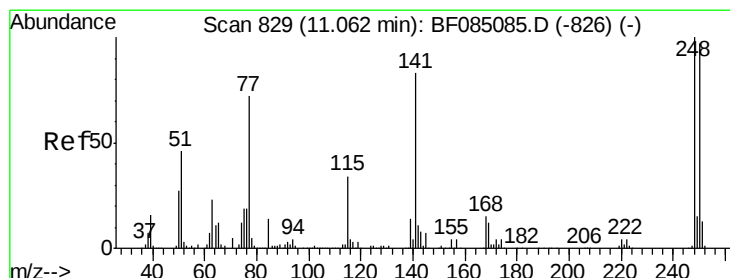
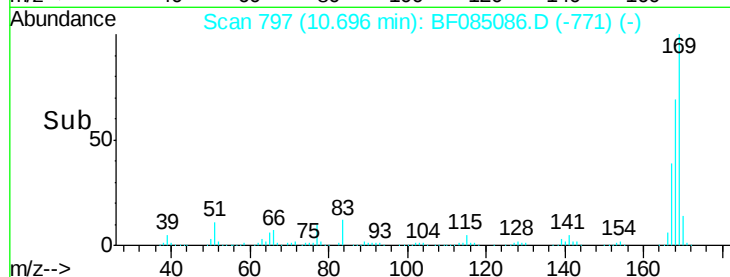
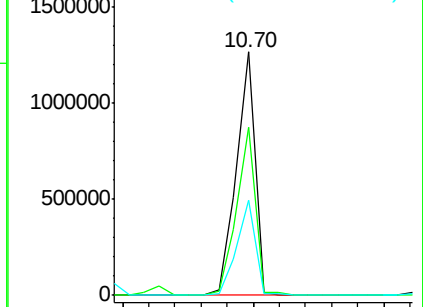
2/19/2016 7:56:49 AM



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: 49.36 ng

RT: 11.06 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

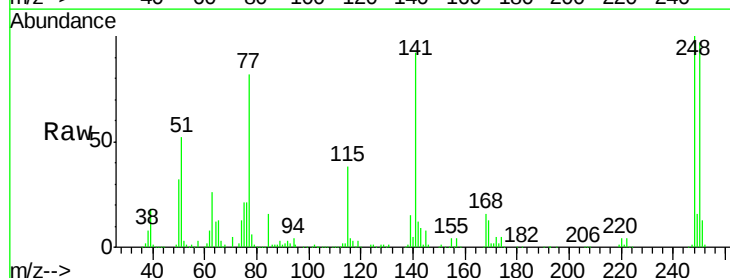
Tgt Ion:248 Resp: 437452

Ion Ratio Lower Upper

248 100

250 96.7 77.5 116.3

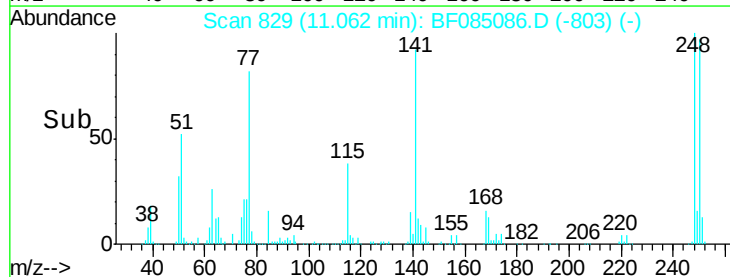
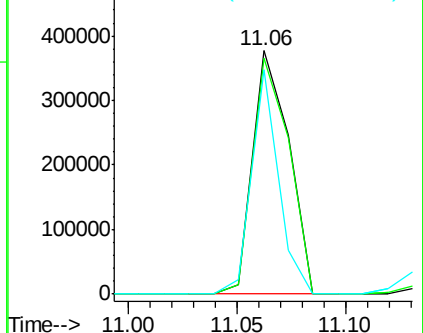
141 91.9 58.2 87.4#

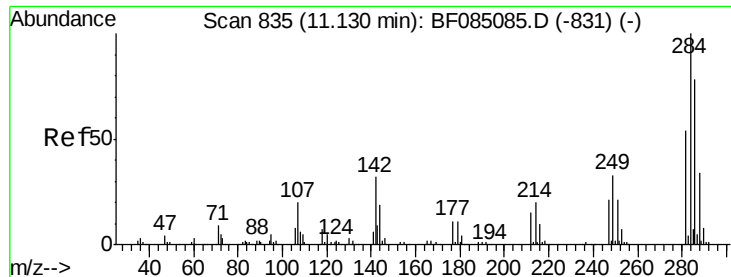


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





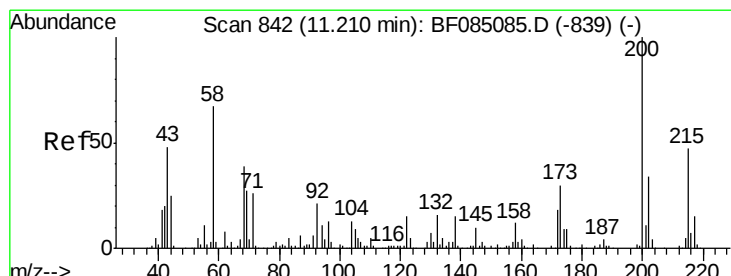
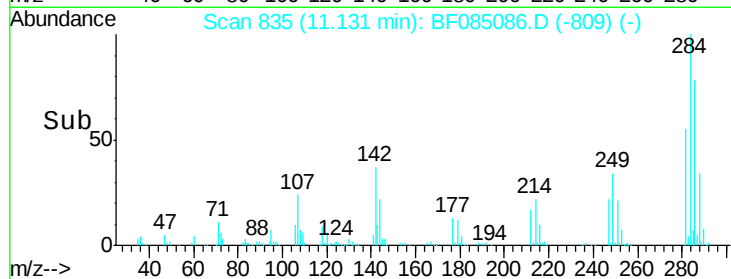
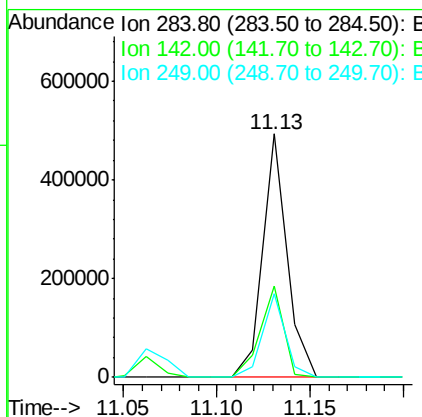
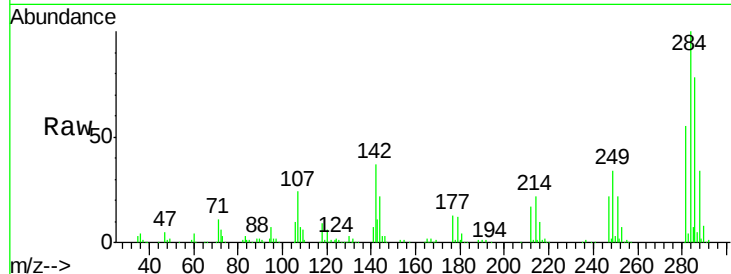
#67
Hexachlorobenzene
Concen: 47.56 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
284	100	450608		
142	37.4	33.5	50.3	
249	34.3	27.4	41.2	

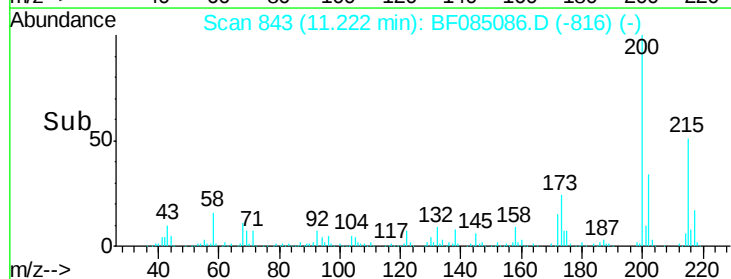
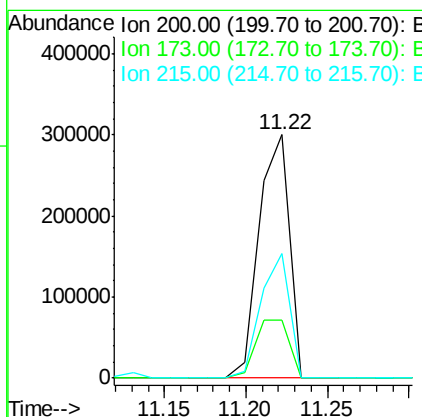
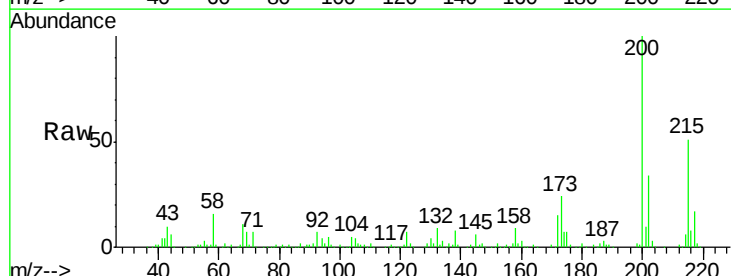
Manual Integrations
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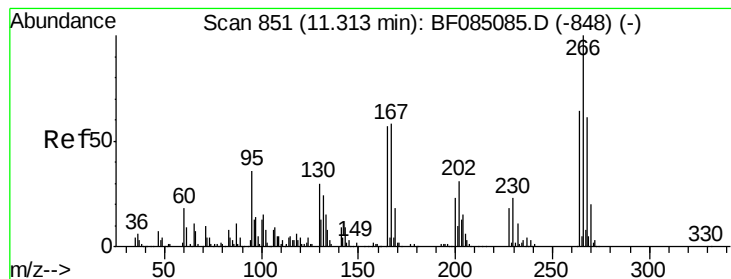
Sohil
2/19/2016 7:56:49 AM



#68
Atrazine
Concen: 52.99 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	387973		
173	23.8	4.7	44.7	
215	51.4	24.8	64.8	





#69

Pentachlorophenol

Concen: 85.35 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

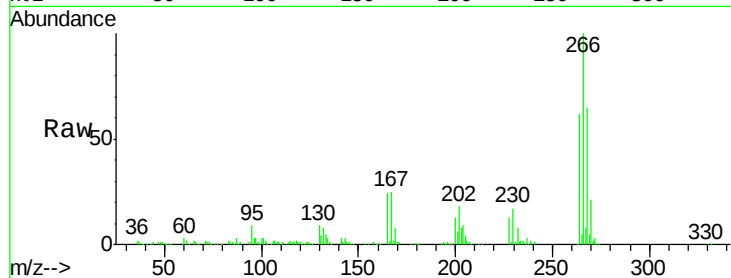
ClientSampleId :

SSTDIC050

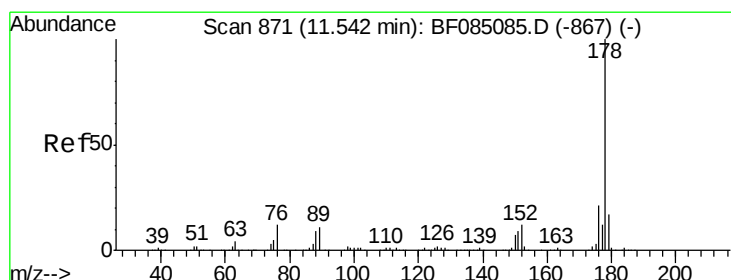
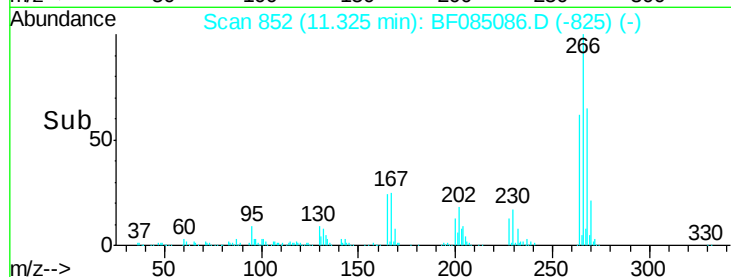
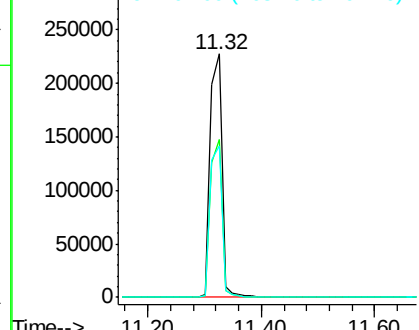
Tot Ion:	266	Resp:	310906
Ion Ratio	Lower	Upper	
266	100		
268	64.8	47.3	70.9
264	62.0	49.8	74.6

Manual Integrations
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Sohil
2/19/2016 7:56:49 AM



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.67 ng

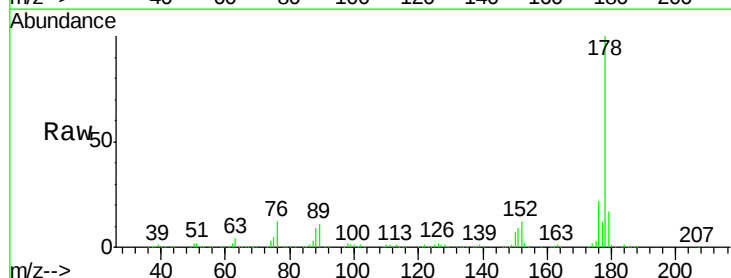
RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

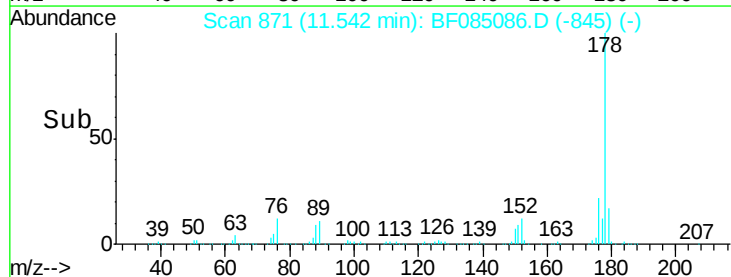
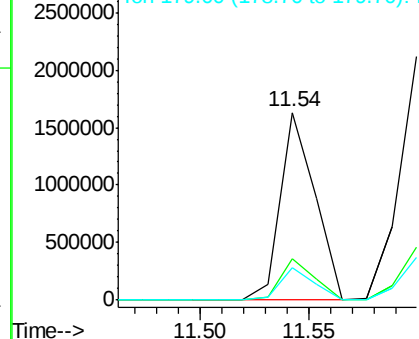
Lab File: BF085086.D

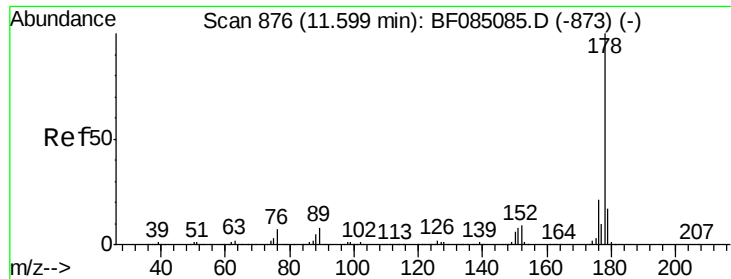
Acq: 17 Feb 2016 14:13

Tgt Ion:	178	Resp:	1827782
Ion Ratio	Lower	Upper	
178	100		
176	21.7	15.9	23.9
179	17.2	13.1	19.7



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





#71
 Anthracene
 Concen: 42.29 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

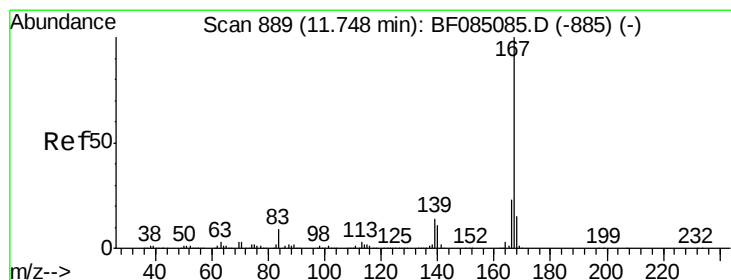
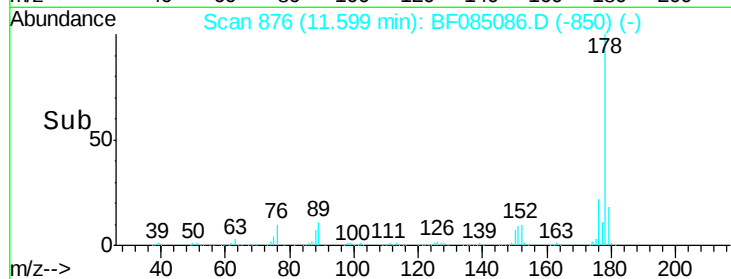
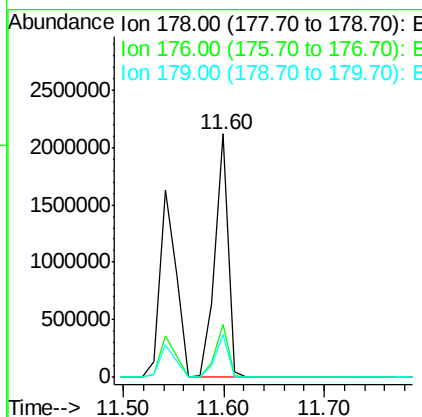
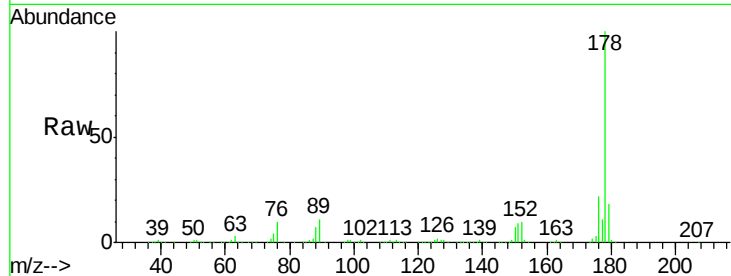
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1938703

Ion	Ratio	Lower	Upper
178	100		
176	21.7	14.8	22.2
179	17.5	12.2	18.2

Manual Integrations
 APPROVED

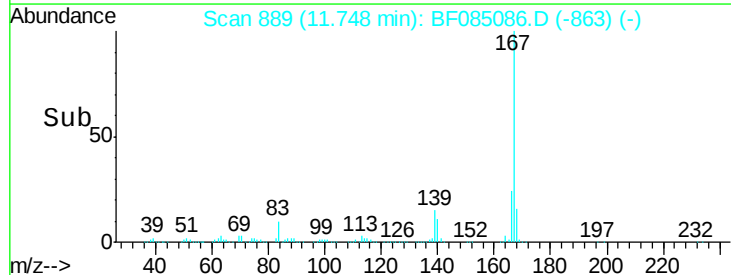
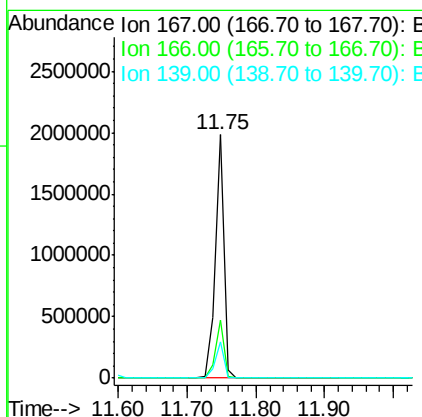
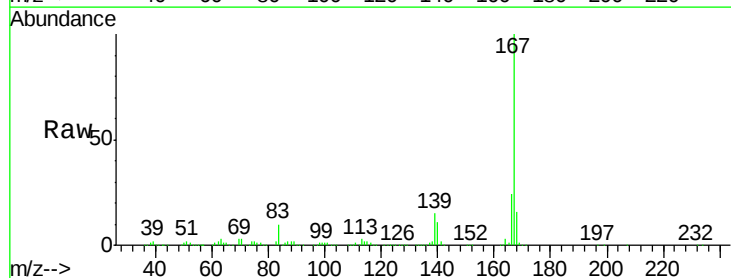
Sohil
 2/19/2016 7:56:49 AM

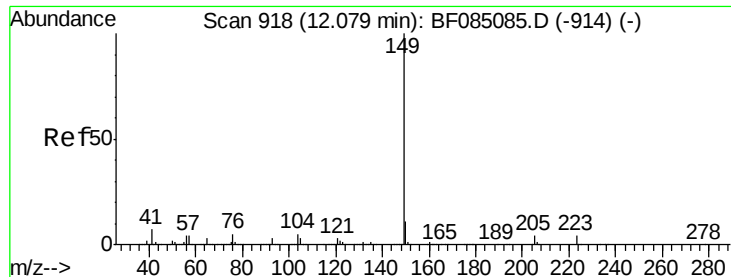


#72
 Carbazole
 Concen: 46.41 ng
 RT: 11.75 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion:167 Resp: 1761747

Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.4	26.0
139	14.7	11.0	16.6





#73

Di-n-butylphthalate

Concen: 41.16 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2050562

Ion Ratio Lower Upper

149 100

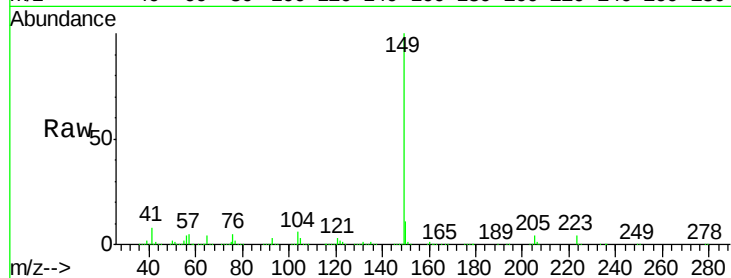
150 11.0 7.5 11.3

104 5.7 4.2 6.2

Manual Integrations
APPROVED

Sohil

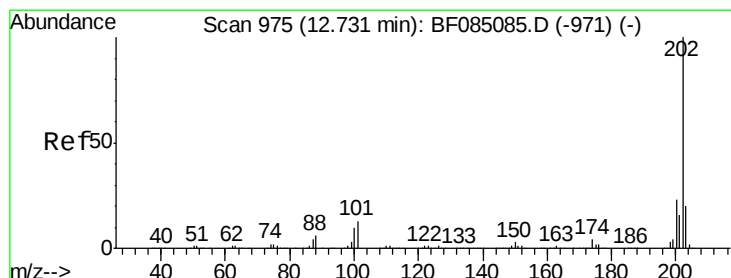
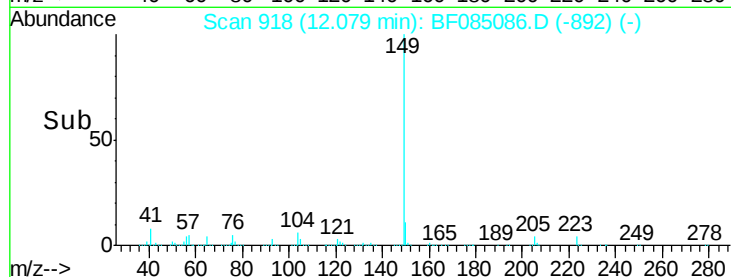
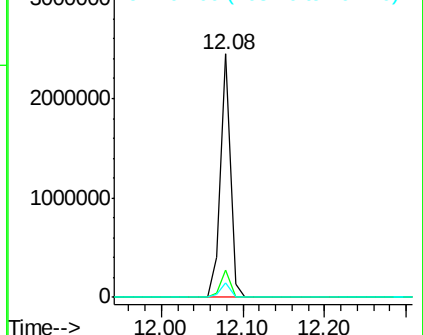
2/19/2016 7:56:49 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.99 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

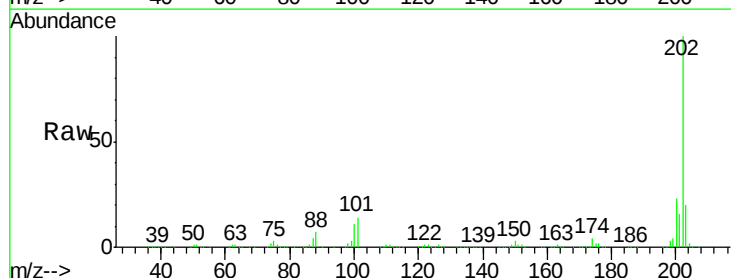
Tgt Ion:202 Resp: 1966354

Ion Ratio Lower Upper

202 100

101 14.0 0.0 29.8

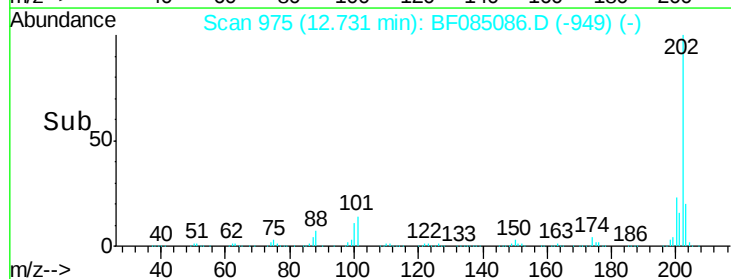
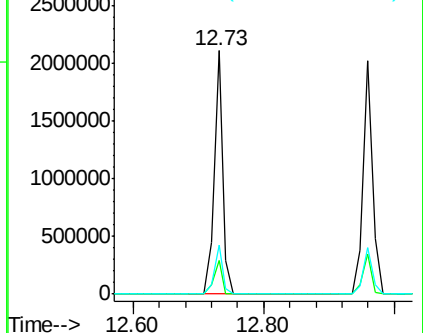
203 20.0 0.0 37.5

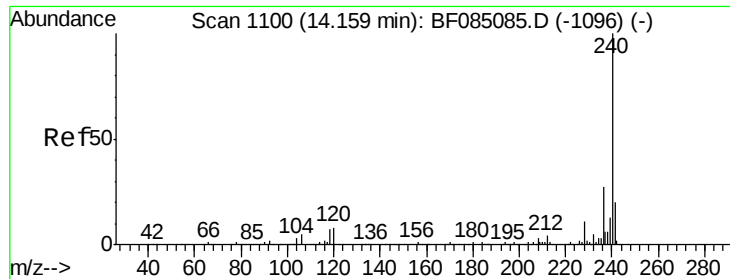


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

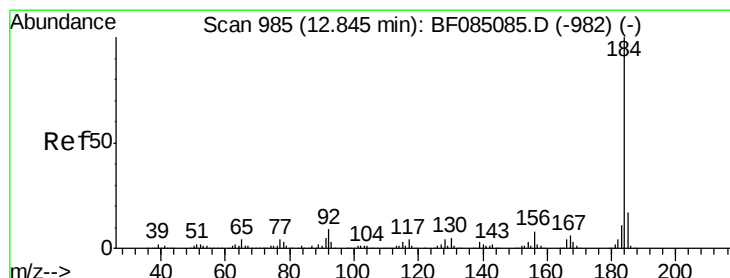
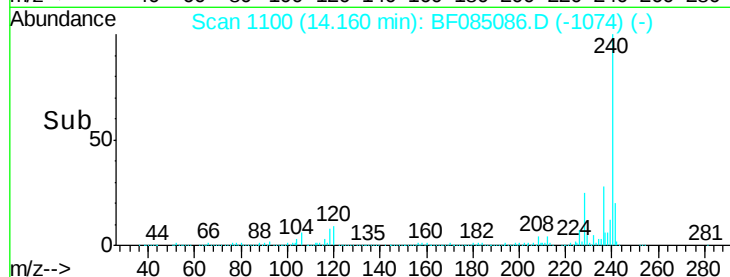
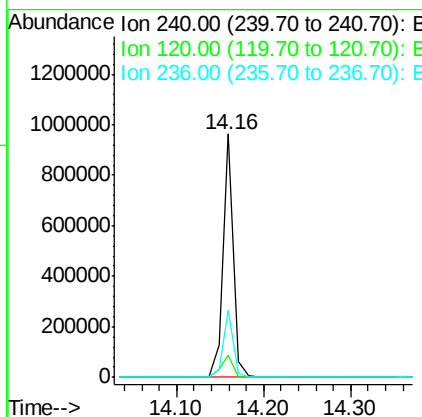
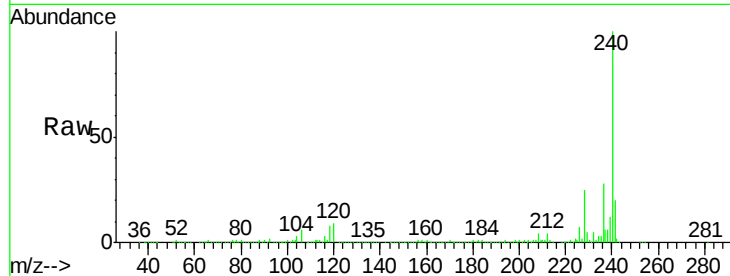
ClientSampleId :

SSTDIC050

Tot Ion:	240	Resp:	802063
Ion Ratio	Lower	Upper	
240	100		
120	9.3	7.0	10.6
236	27.6	20.5	30.7

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#76

Benzidine

Concen: 72.30 ng

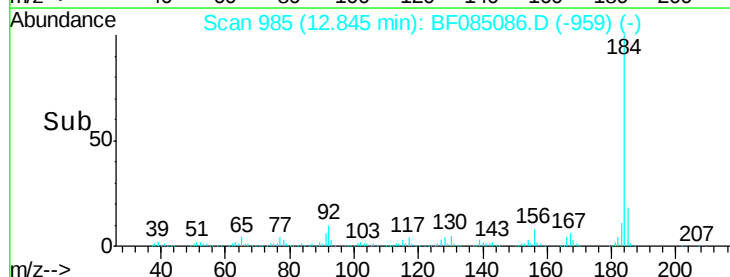
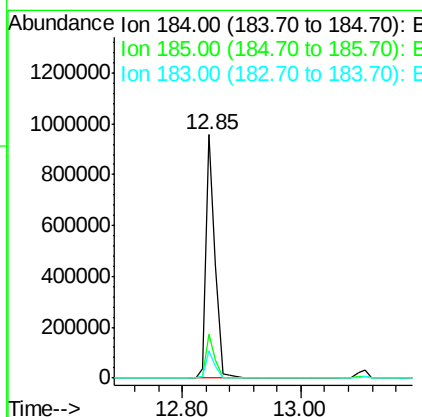
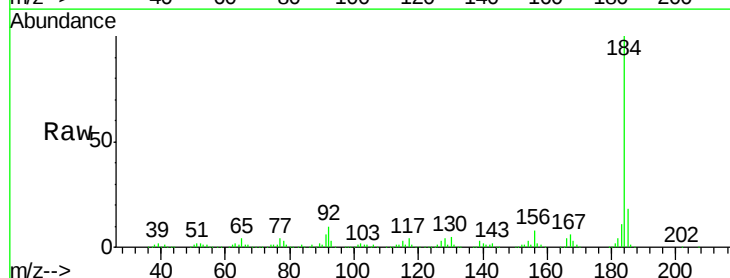
RT: 12.85 min Scan# 985

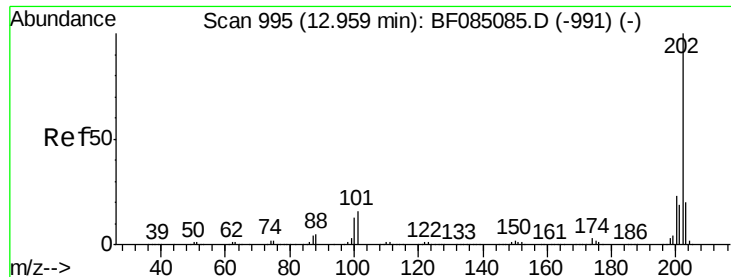
Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:	184	Resp:	1021011
Ion Ratio	Lower	Upper	
184	100		
185	17.9	11.8	17.8#
183	11.5	8.6	12.8





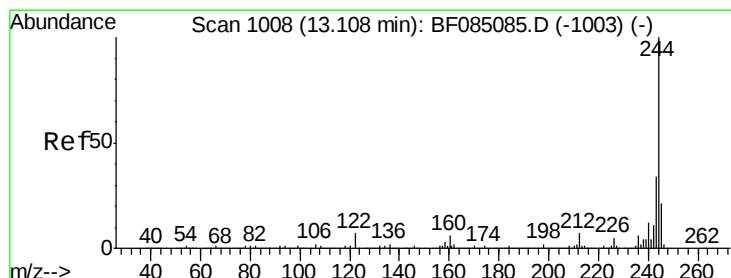
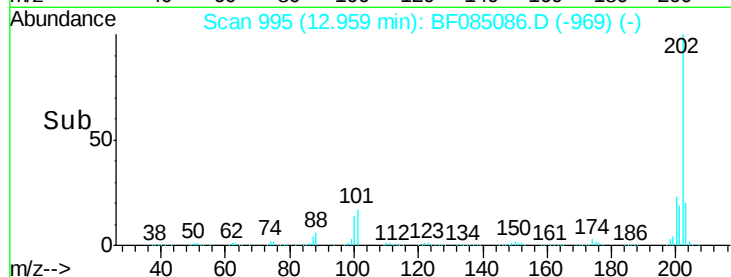
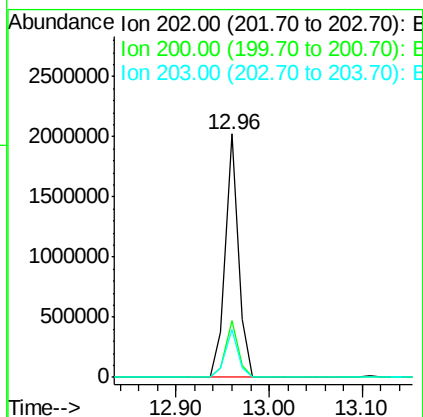
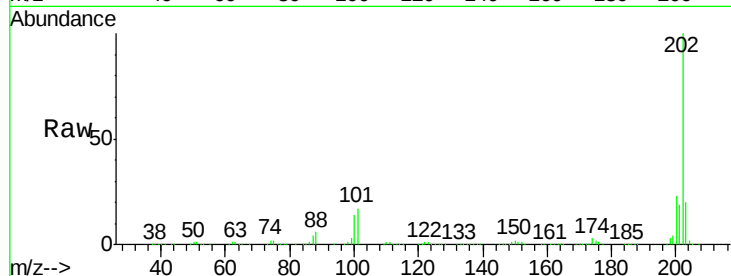
#77
Pvrene
Concen: 31.07 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.0	25.4
203	19.9	14.2	21.4

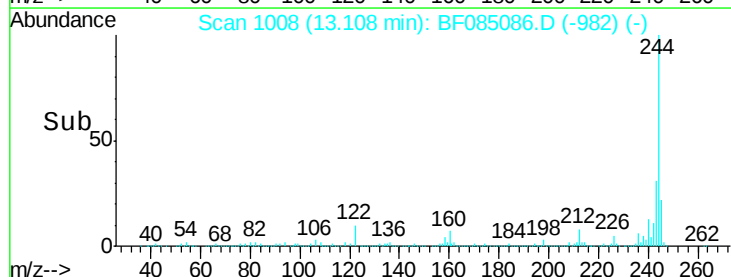
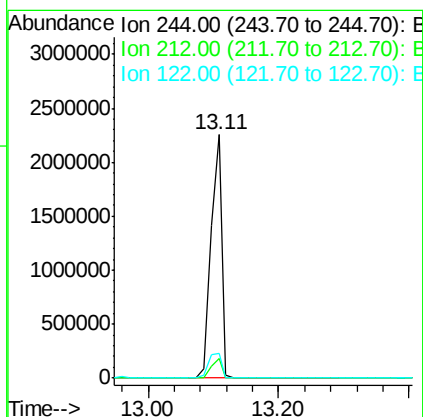
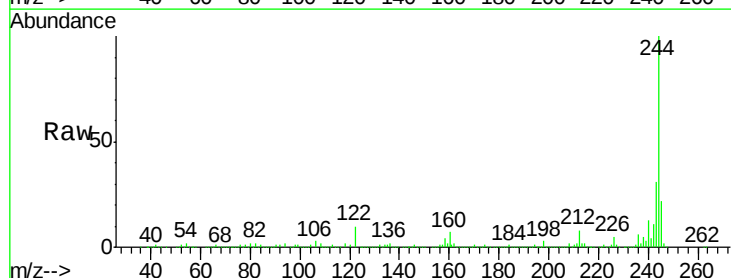
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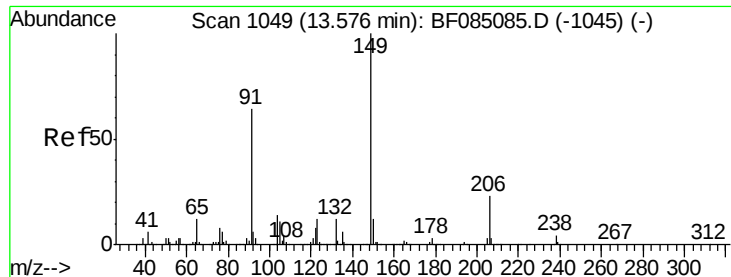
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#78
Terphenyl-d14
Concen: 66.90 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.0	9.0
122	10.0	10.1	15.1





#79

Butylbenzylphthalate

Concen: 35.11 ng

RT: 13.58 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

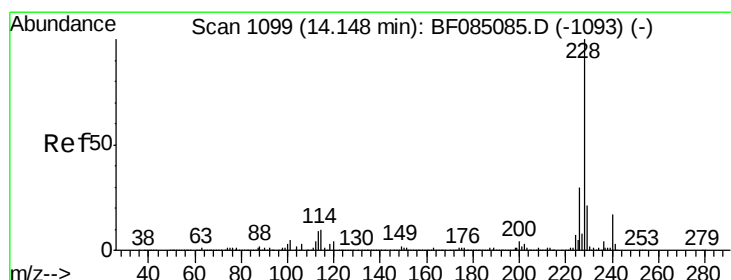
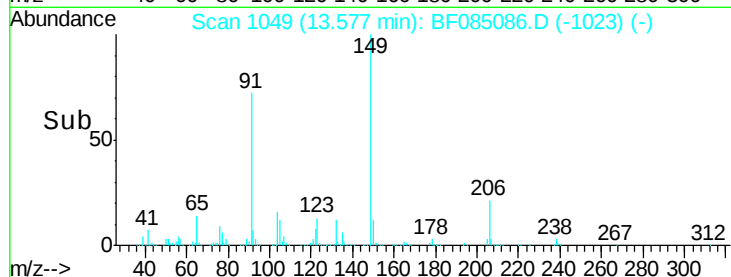
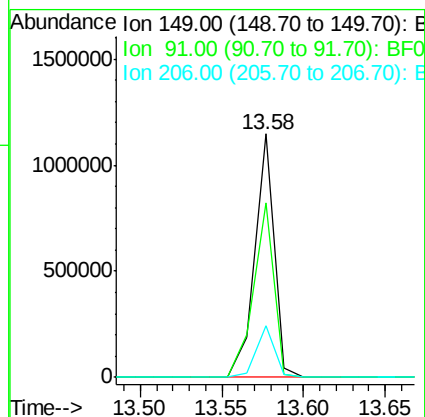
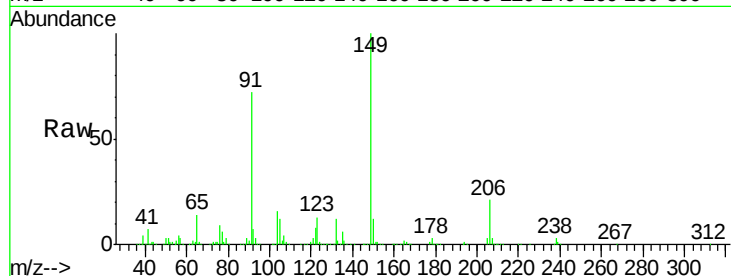
ClientSampleId :

SSTDIC050

Tot Ion:	149	Resp:	947257
Ion Ratio	Lower	Upper	
149	100		
91	71.9	57.8	86.8
206	21.0	13.8	20.8

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#80

Benzo(a)anthracene

Concen: 43.15 ng

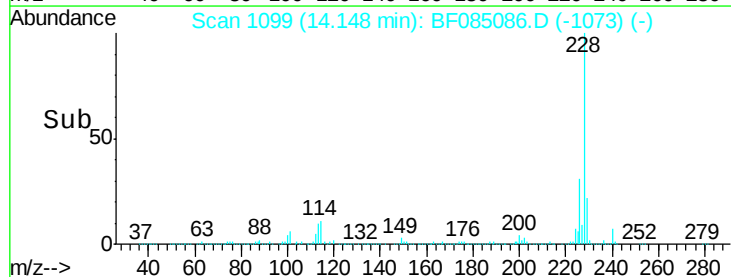
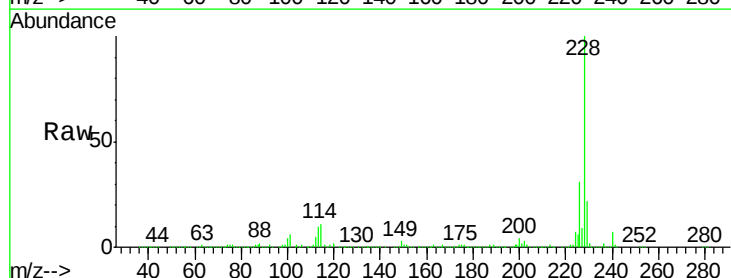
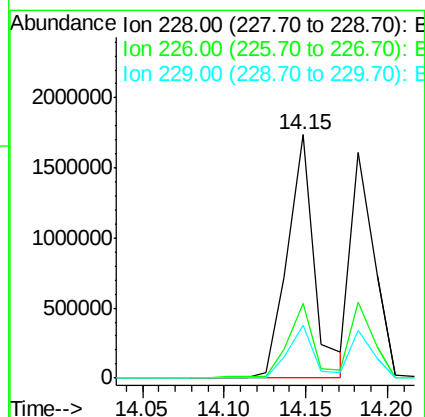
RT: 14.15 min Scan# 1099

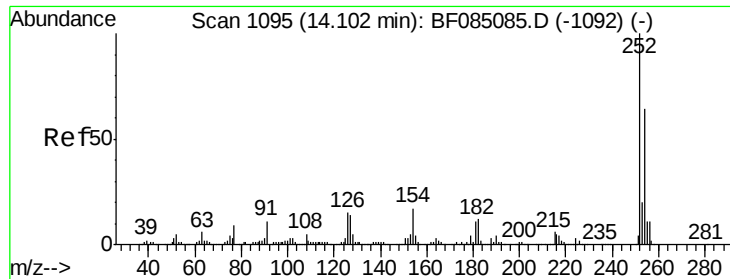
Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Tgt Ion:	228	Resp:	2004003
Ion Ratio	Lower	Upper	
228	100		
226	30.7	21.8	32.6
229	21.7	15.8	23.8





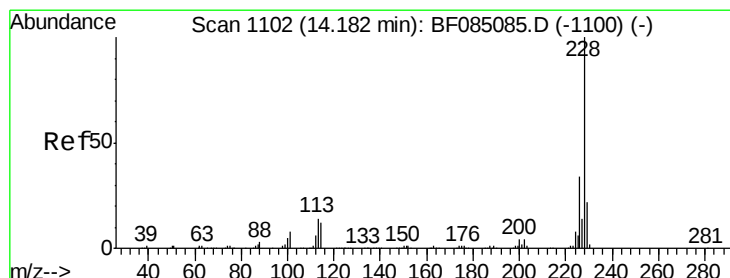
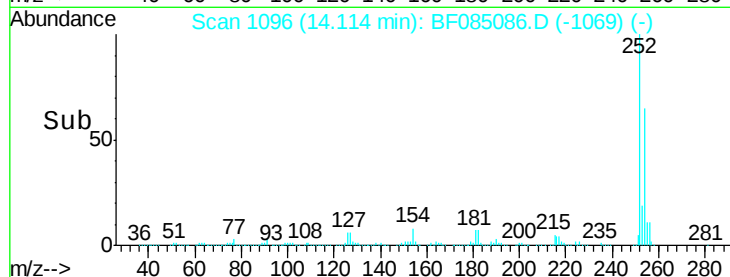
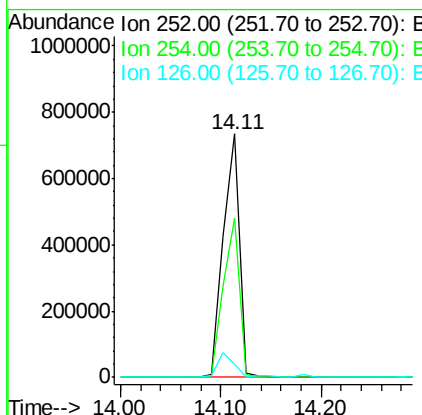
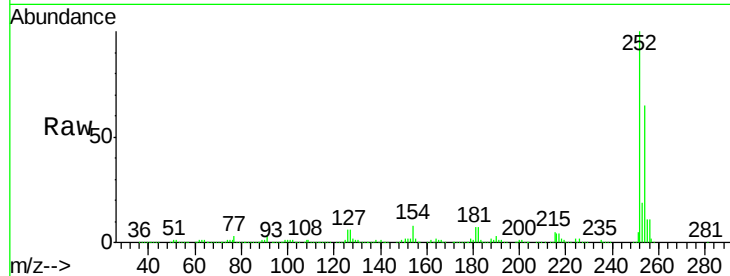
#81
 3,3'-Dichlorobenzidine
 Concen: 60.49 ng
 RT: 14.11 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.9	79.3
126	5.7	10.6	16.0

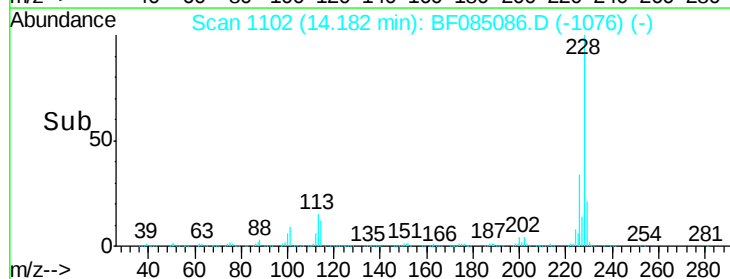
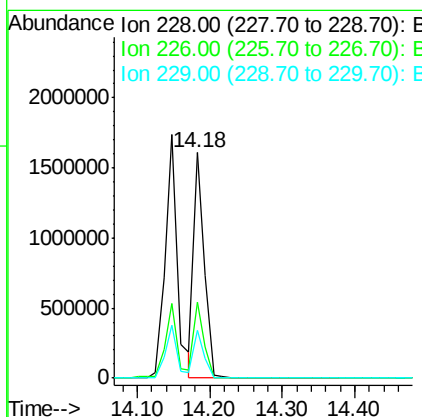
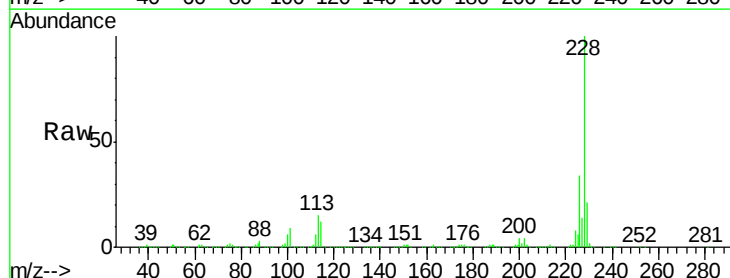
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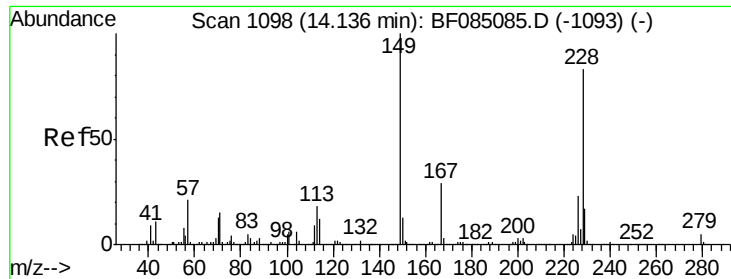
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#82
 Chrysene
 Concen: 36.42 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	24.3	36.5
229	21.4	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.22 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1284827

Ion Ratio Lower Upper

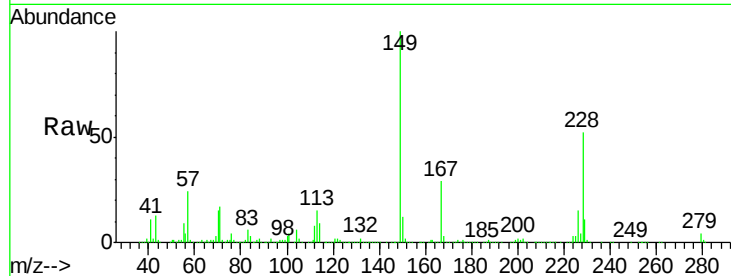
149 100

167 28.8 21.0 31.6

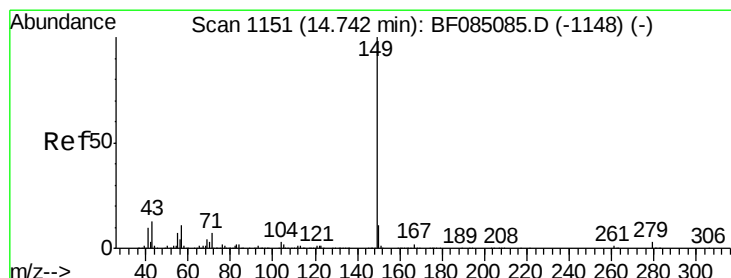
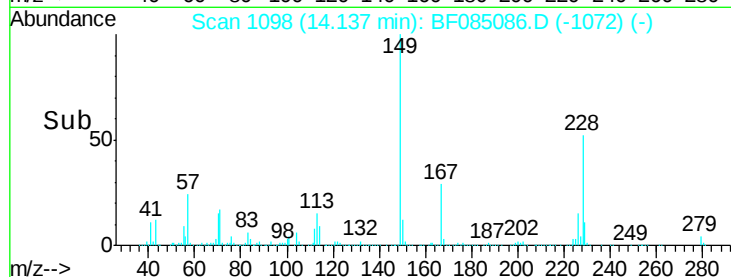
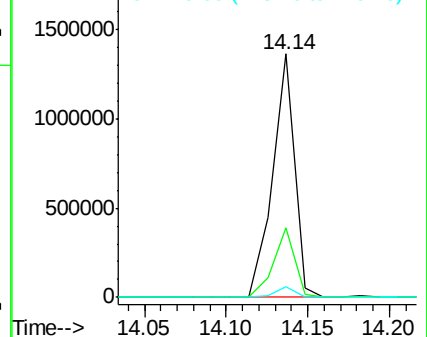
279 4.2 2.4 3.6#

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



#84

Di-n-octyl phthalate

Concen: 41.94 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF085086.D

Acq: 17 Feb 2016 14:13

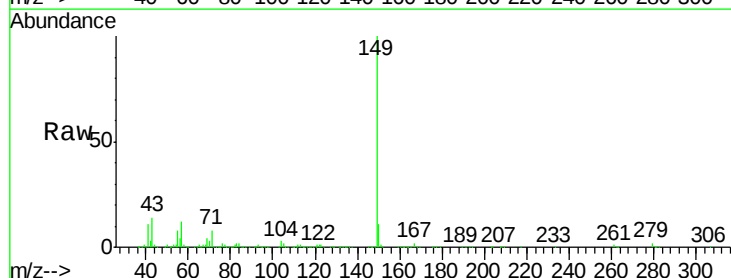
Tgt Ion:149 Resp: 2113882

Ion Ratio Lower Upper

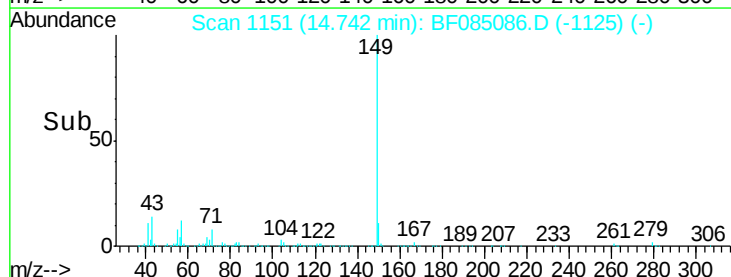
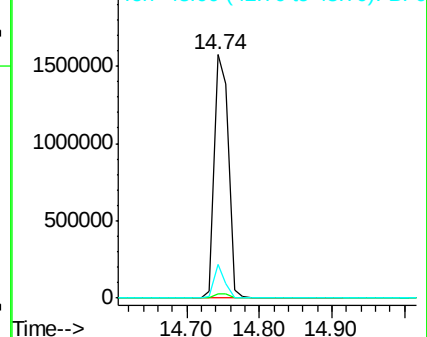
149 100

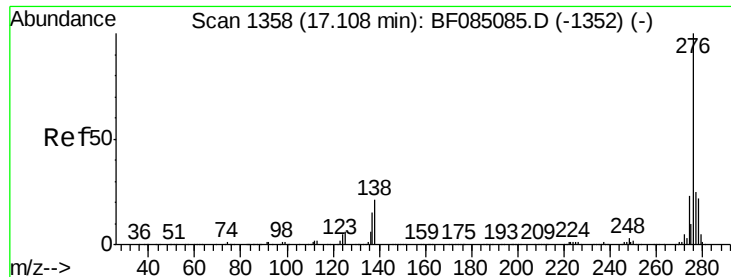
167 1.6 1.2 1.8

43 10.7 9.0 13.6



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





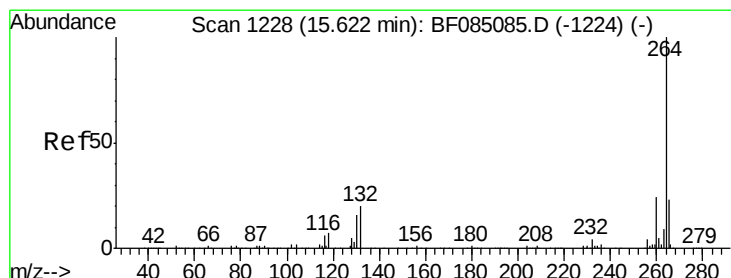
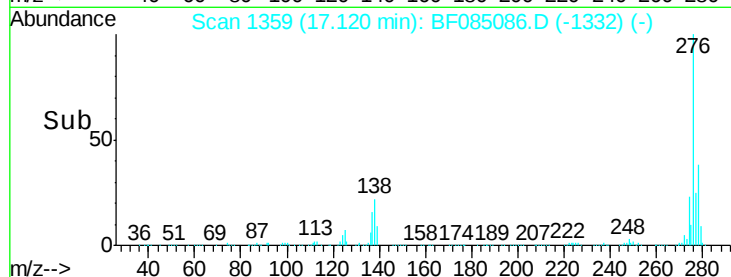
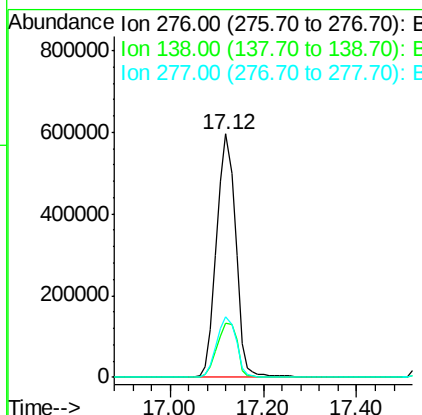
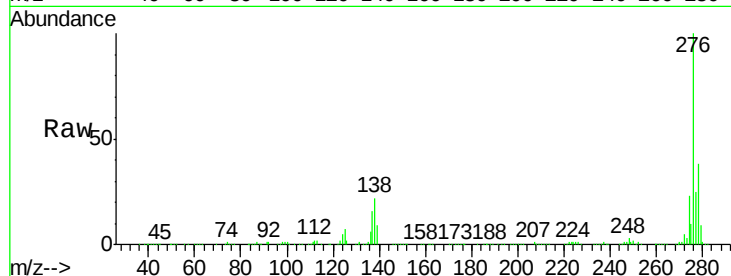
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.67 ng
RT: 17.12 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.0	28.4
277	25.5	20.0	30.0

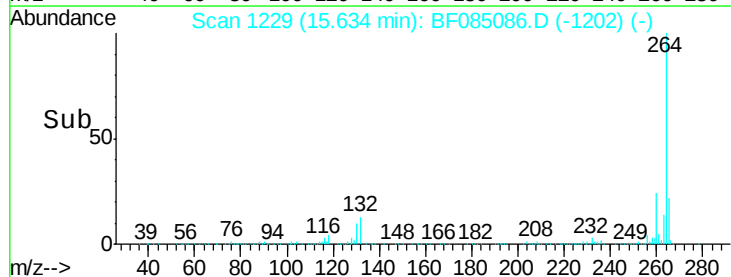
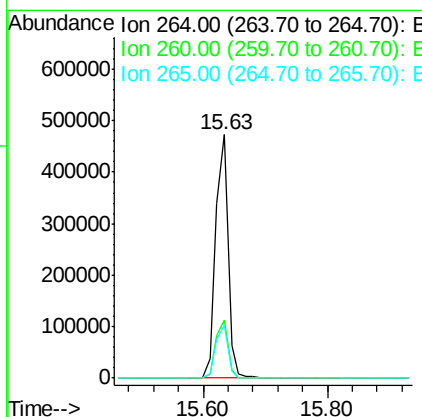
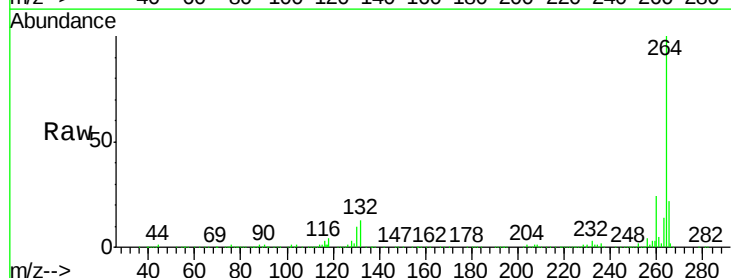
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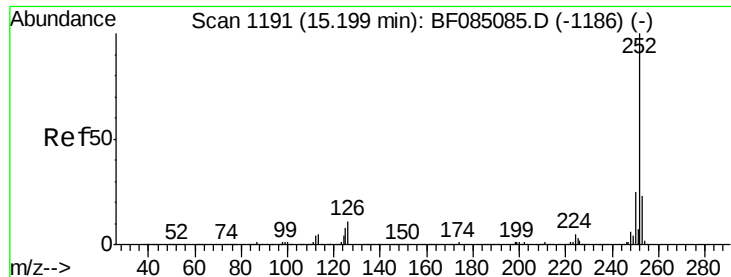
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.7	16.7	25.1





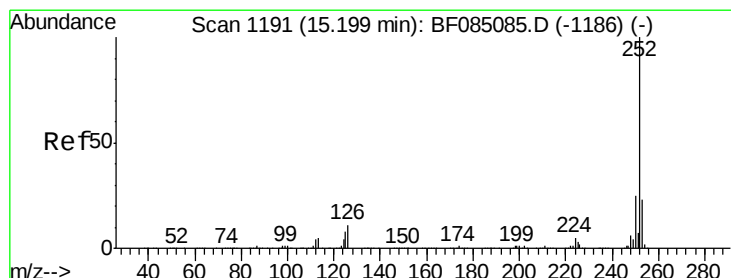
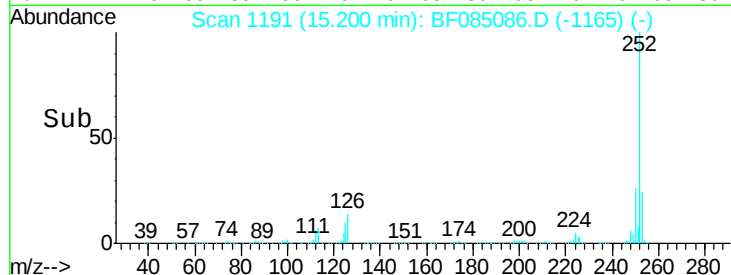
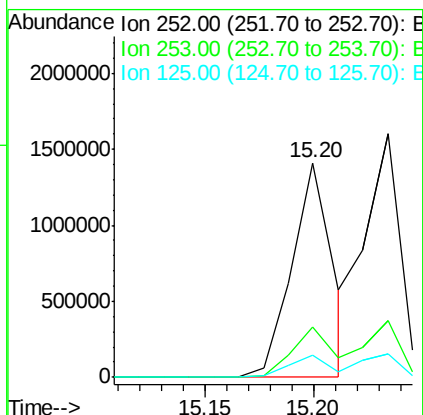
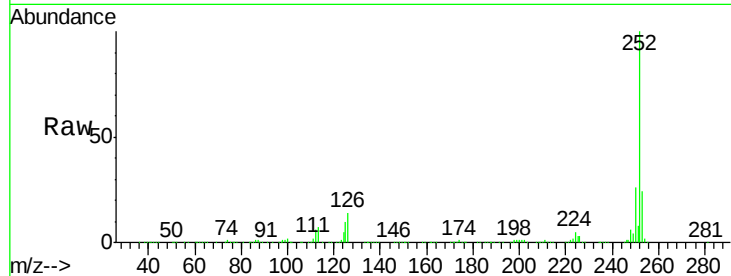
#87
Benzo(b)fluoranthene
Concen: 43.42 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion:252 Resp: 1828462
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 10.5 5.4 8.2#

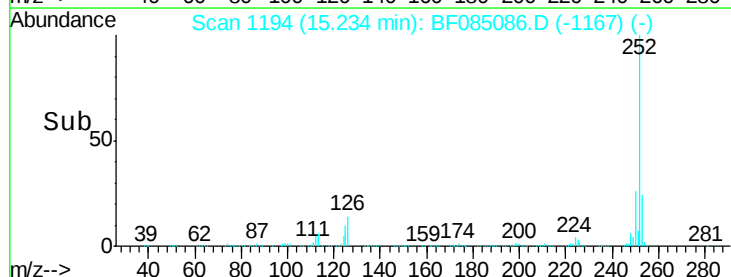
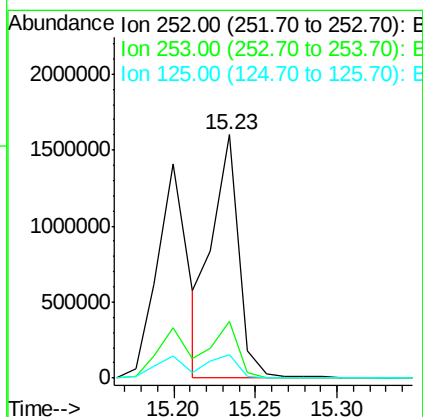
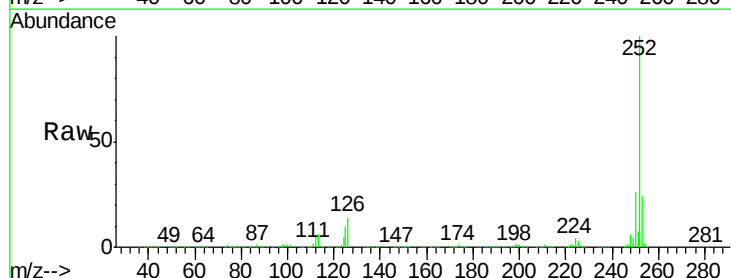
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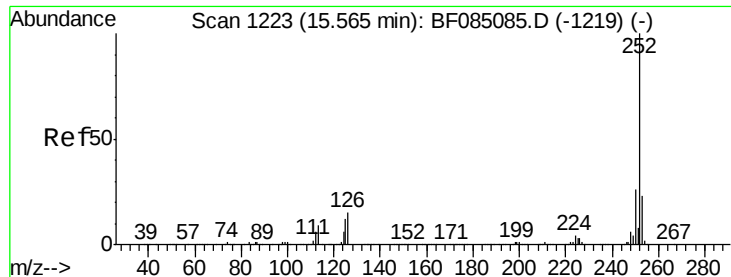
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#88
Benzo(k)fluoranthene
Concen: 54.64 ng m
RT: 15.23 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:252 Resp: 1838015
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 9.5 7.2 10.8





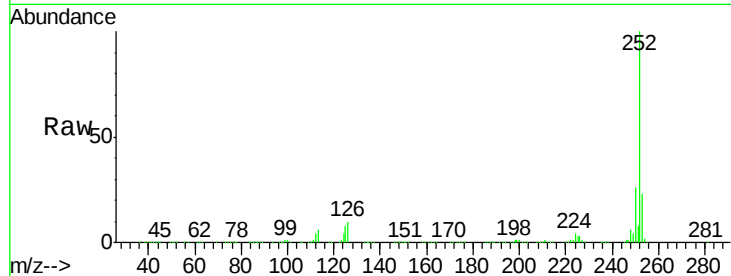
#89
Benzo(a)pyrene
Concen: 50.10 ng
RT: 15.58 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

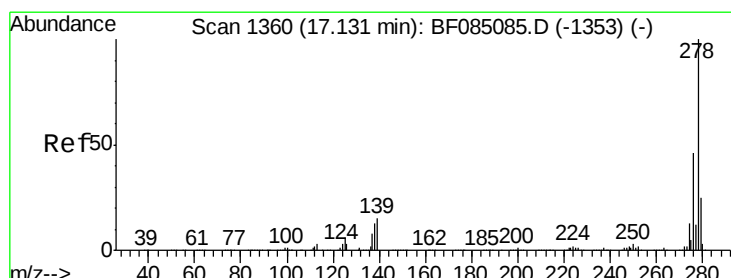
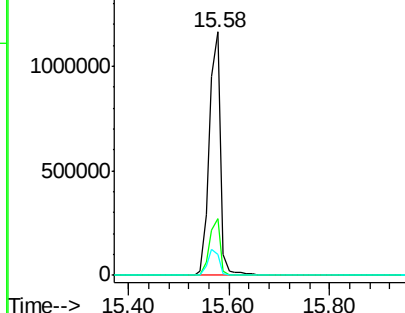
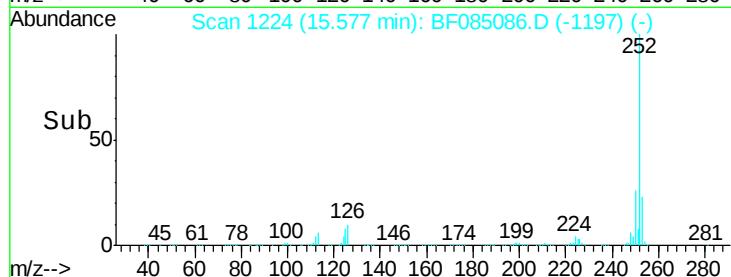
Tot Ion:252 Resp: 1783924
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 8.4 6.1 9.1

Manual Integrations
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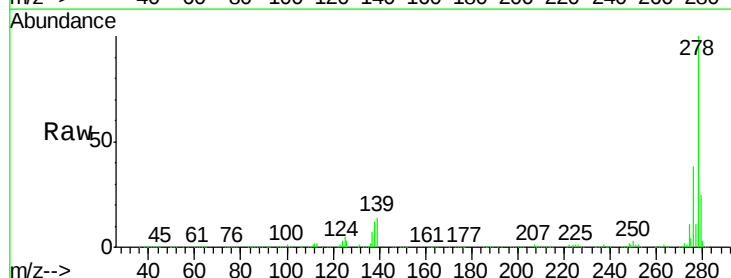


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

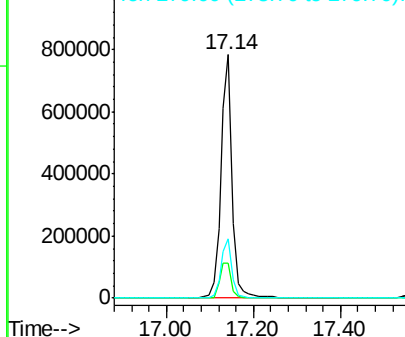
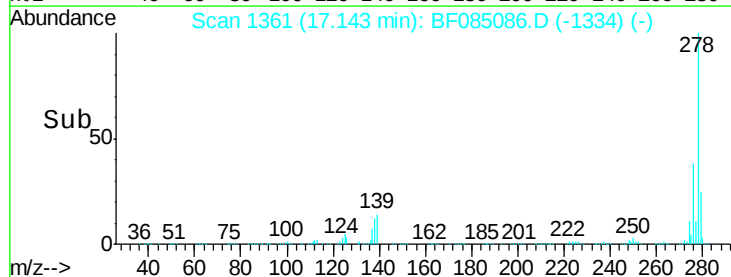


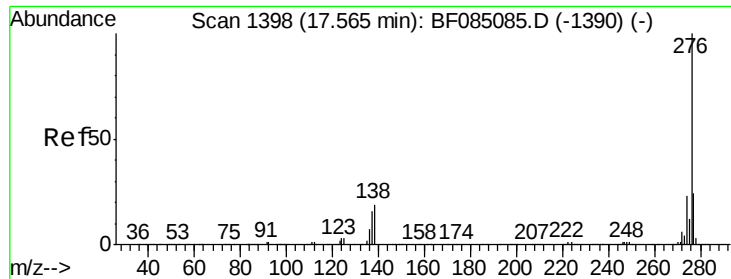
#90
Dibenzo(a,h)anthracene
Concen: 41.69 ng
RT: 17.14 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF085086.D
Acq: 17 Feb 2016 14:13

Tgt Ion:278 Resp: 1409095
Ion Ratio Lower Upper
278 100
139 14.2 13.3 19.9
279 24.6 18.6 27.8



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





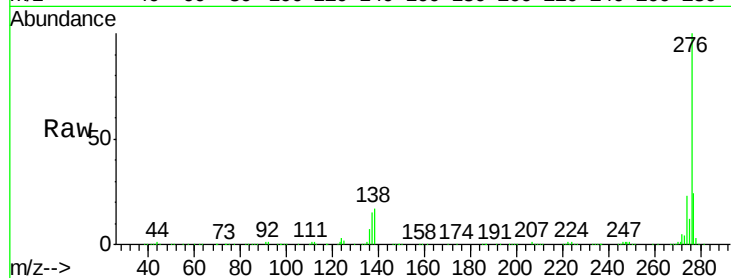
#91
 Benzo(a,h,i)perylene
 Concen: 38.03 ng
 RT: 17.58 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF085086.D
 Acq: 17 Feb 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	17.3	16.6	24.8

Manual Integrations
 APPROVED

Sohil
 2/19/2016 7:56:49 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

