

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085080.D
 Acq On : 13 Feb 2016 12:38
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 2/15/2016 4:45:06 PM

Quant Time: Feb 15 02:31:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	137093	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	637107	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	295039	20.00	ng	0.00
63) Phenanthrene-d10	13.01	188	528426	20.00	ng	0.01
75) Chrysene-d12	17.18	240	348718	20.00	ng	0.00
86) Perylene-d12	18.80	264	294699	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.15	112	459926	58.66	ng	-0.01
7) Phenol-d6	5.43	99	865265	82.81	ng	-0.01
23) Nitrobenzene-d5	6.72	82	876046	81.20	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	231625	76.01	ng	0.01
44) 2-Fluorobiphenyl	9.53	172	1737110	84.16	ng	0.00
78) Terphenyl-d14	15.62	244	1465678	86.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	133510	41.33	ng	93
3) Pyridine	2.44	79	243547	32.28	ng	# 92
4) n-Nitrosodimethylamine	2.44	42	137650m	35.46	ng	
6) Aniline	5.46	93	385044	33.00	ng	90
8) 2-Chlorophenol	5.59	128	419762	43.55	ng	97
9) Benzaldehyde	5.42	77	217177	38.59	ng	95
10) Phenol	5.45	94	487025	39.85	ng	94
11) bis(2-Chloroethyl)ether	5.54	93	581532m	55.49	ng	
12) 1,3-Dichlorobenzene	5.79	146	390393	40.73	ng	95
13) 1,4-Dichlorobenzene	5.91	146	366687	34.38	ng	97
14) 1,2-Dichlorobenzene	6.11	146	446812	44.57	ng	99
15) Benzyl Alcohol	6.30	79	368331	57.69	ng	# 63
16) 2,2'-oxybis(1-Chloropropan	6.30	45	725864	45.09	ng	90
17) 2-Methylphenol	6.34	107	185180	26.54	ng	# 89
18) Hexachloroethane	6.58	117	188466	47.96	ng	90
19) n-Nitroso-di-n-propylamine	6.50	70	253824	38.56	ng	98
20) 3+4-Methylphenols	6.57	107	107184	12.31	ng	# 58
22) Acetophenone	6.51	105	618915	37.90	ng	96
24) Nitrobenzene	6.75	77	400729	33.99	ng	96
25) Isophorone	7.10	82	780415	40.32	ng	98
26) 2-Nitrophenol	7.24	139	103094	18.25	ng	99
27) 2,4-Dimethylphenol	7.35	122	325527	35.61	ng	99
28) bis(2-Chloroethoxy)methane	7.50	93	425273	35.40	ng	99
29) 2,4-Dichlorophenol	7.68	162	302958	36.46	ng	96
30) 1,2,4-Trichlorobenzene	7.70	180	394910	41.23	ng	99
31) Naphthalene	7.82	128	1298713	42.05	ng	99
32) Benzoic acid	7.67	122	46778	15.00	ng	# 80
33) 4-Chloroaniline	8.00	127	349737	29.85	ng	96
34) Hexachlorobutadiene	8.01	225	228044	42.51	ng	97
35) Caprolactam	8.56	113	67134	30.05	ng	93
36) 4-Chloro-3-methylphenol	8.82	107	333163	35.36	ng	96
37) 2-Methylnaphthalene	8.92	142	709766	36.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	393302	41.26	ng	97
40) Hexachlorocyclopentadiene	9.16	237	121079	35.86	ng	98

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 SSTDC0040EC

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.44	196	143859	27.37	nq	98
43) 2,4,5-Trichlorophenol	9.51	196	239226	39.11	nq	97
45) 1,1'-Biphenyl	9.69	154	1110595	41.38	nq	99
46) 2-Chloronaphthalene	9.70	162	778817	40.96	nq	97
47) 2-Nitroaniline	9.99	65	212143	36.14	nq	98
48) Acenaphthylene	10.35	152	1213362	40.19	nq	99
49) Dimethylphthalate	10.23	163	871640	39.40	nq	98
50) 2,6-Dinitrotoluene	10.33	165	171863	37.87	nq	# 85
51) Acenaphthene	10.64	154	755032	41.36	nq	99
52) 3-Nitroaniline	10.70	138	194803m	38.63	nq	
53) 2,4-Dinitrophenol	10.91	184	35519	25.18	nq	# 38
54) Dibenzofuran	10.94	168	967187	39.61	nq	98
55) 4-Nitrophenol	10.94	139	400244	123.73	nq	# 10
56) 2,4-Dinitrotoluene	11.02	165	241092	39.00	nq	# 83
57) Fluorene	11.48	166	843359	40.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.16	232	200801	41.51	nq	97
59) Diethylphthalate	11.37	149	878697	40.09	nq	98
60) 4-Chlorophenyl-phenylether	11.51	204	416611	41.52	nq	92
61) 4-Nitroaniline	11.70	138	155937	33.66	nq	96
62) Azobenzene	11.77	77	806624	38.20	nq	96
64) 4,6-Dinitro-2-methylphenol	11.67	198	86220	30.36	nq	82
65) n-Nitrosodiphenylamine	11.73	169	697035	41.54	nq	99
66) 4-Bromophenyl-phenylether	12.31	248	248545	42.23	nq	96
67) Hexachlorobenzene	12.35	284	259844	41.29	nq	92
68) Atrazine	12.63	200	200677	41.27	nq	98
69) Pentachlorophenol	12.73	266	80547	32.64	nq	97
70) Phenanthrene	13.04	178	1064960	36.55	nq	97
71) Anthracene	13.12	178	1343032	44.11	nq	99
72) Carbazole	13.45	167	1009703	40.05	nq	99
73) Di-n-butylphthalate	14.03	149	1327611	40.12	nq	99
74) Fluoranthene	14.96	202	1165621	40.15	nq	100
76) Benzidine	15.35	184	68660	13.41	nq	97
77) Pyrene	15.31	202	1119954	40.15	nq	100
79) Butylbenzylphthalate	16.45	149	500522	42.67	nq	96
80) Benzo(a)anthracene	17.17	228	706857	35.01	nq	99
81) 3,3'-Dichlorobenzidine	17.18	252	234143	39.90	nq	96
82) Chrysene	17.21	228	892566	45.58	nq	99
83) Bis(2-ethylhexyl)phthalate	17.26	149	625858	40.58	nq	# 97
84) Di-n-octyl phthalate	18.02	149	898284	40.99	nq	99
85) Indeno(1,2,3-cd)pyrene	20.10	276	797180	49.00	nq	100
87) Benzo(b)fluoranthene	18.41	252	590047m	30.54	nq	
88) Benzo(k)fluoranthene	18.43	252	761538m	49.34	nq	
89) Benzo(a)pyrene	18.74	252	649477	39.75	nq	# 98
90) Dibenzo(a,h)anthracene	20.11	278	665659	42.92	nq	98
91) Benzo(g,h,i)perylene	20.47	276	660137	40.99	nq	98

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

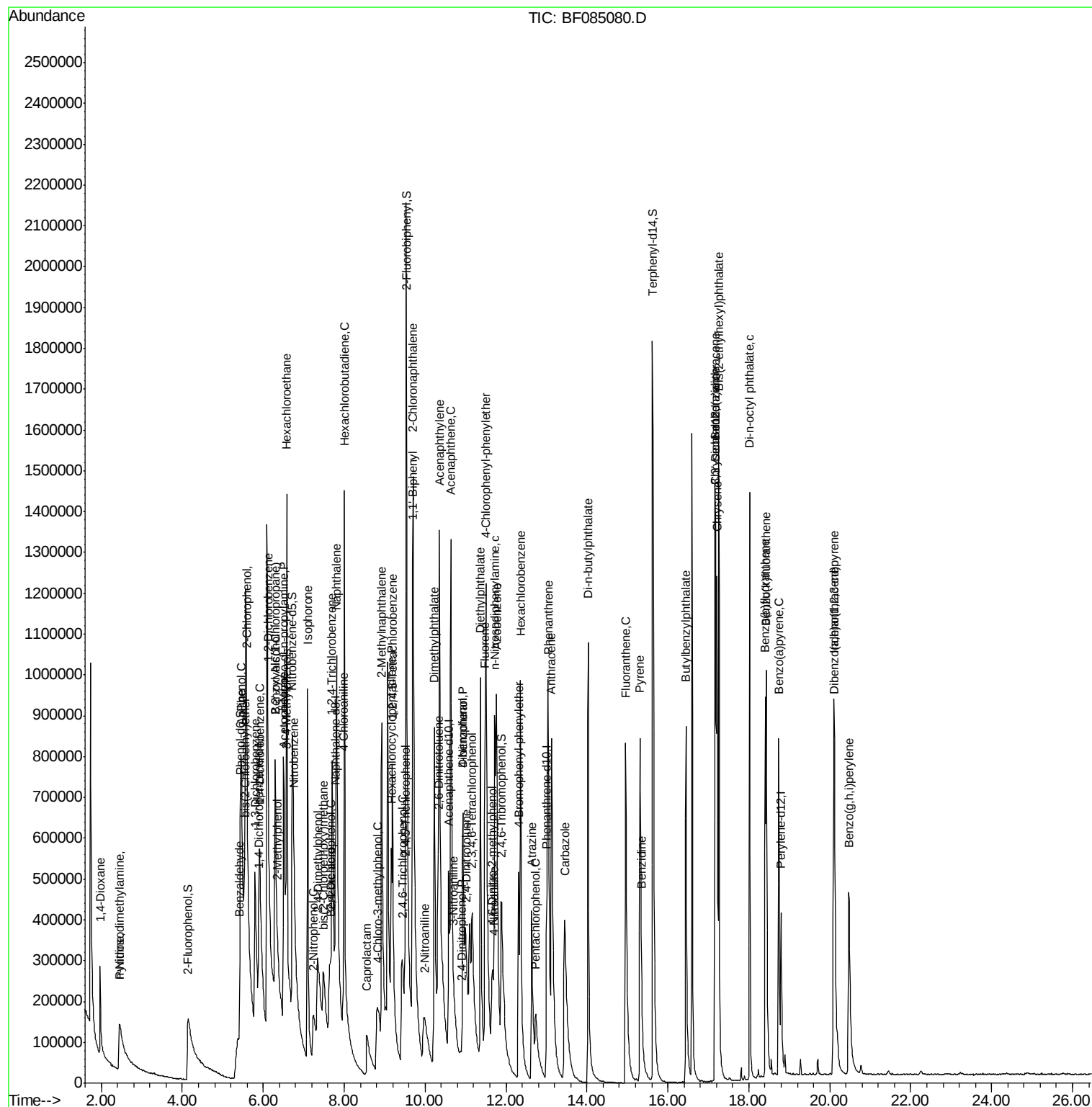
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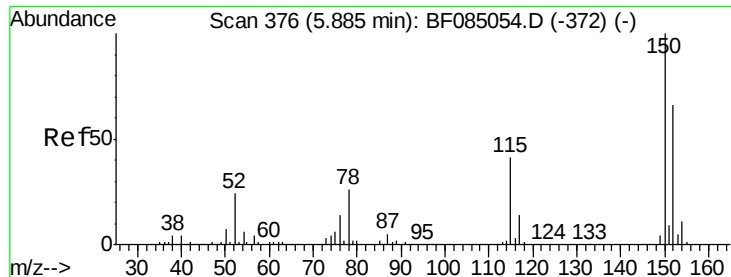
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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#1

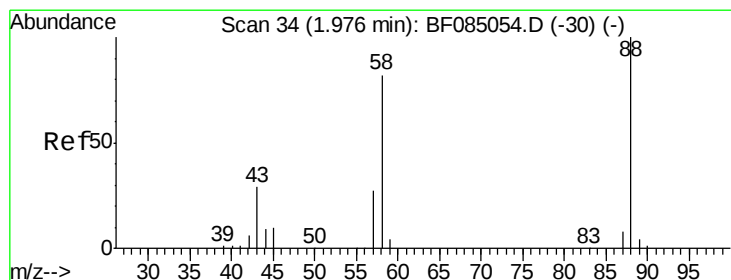
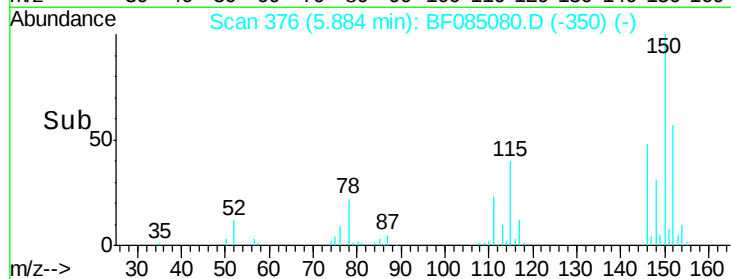
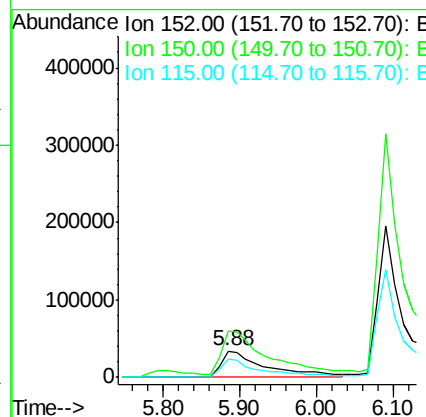
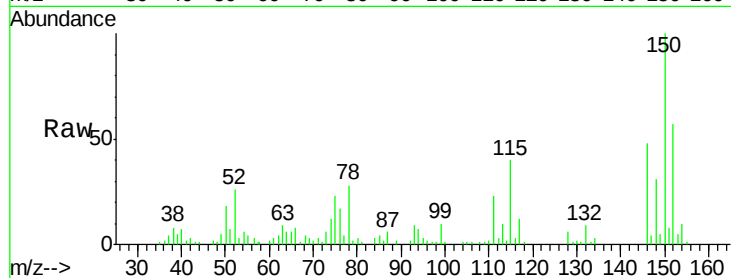
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.88 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	174.8	127.4	191.2
115	69.2	50.5	75.7

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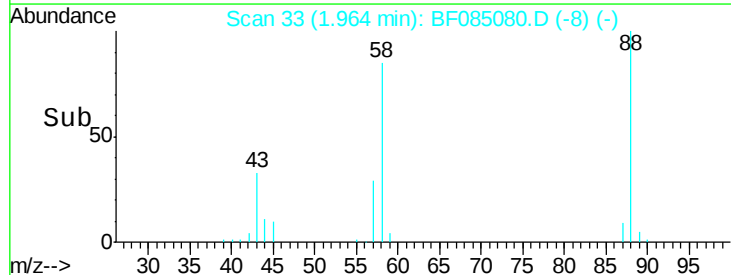
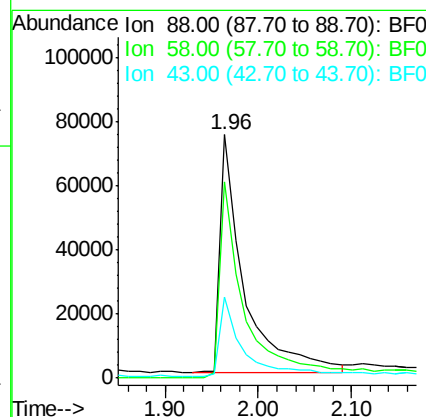
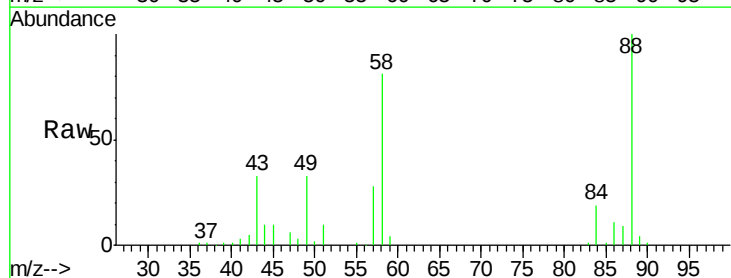
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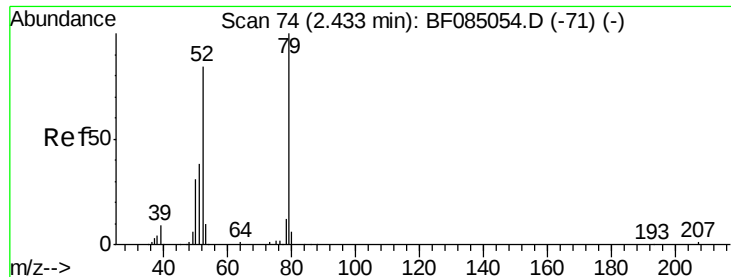


#2

1,4-Dioxane
Concen: 41.33 ng
RT: 1.96 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	70.9	106.3
43	35.0	25.9	38.9





#3

Pvridine

Concen: 32.28 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

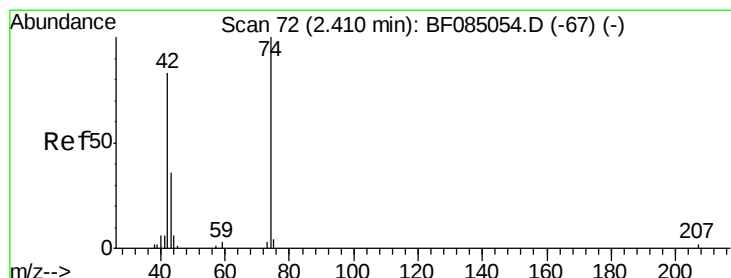
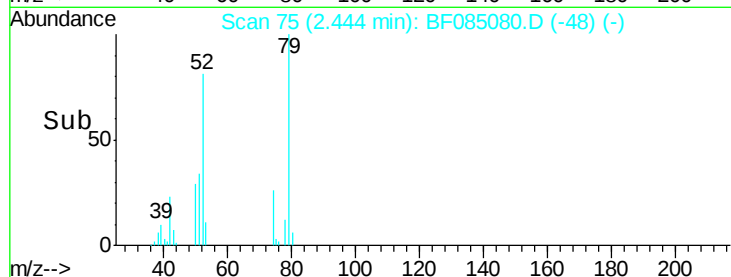
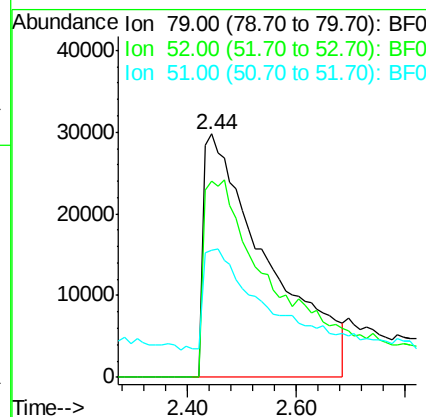
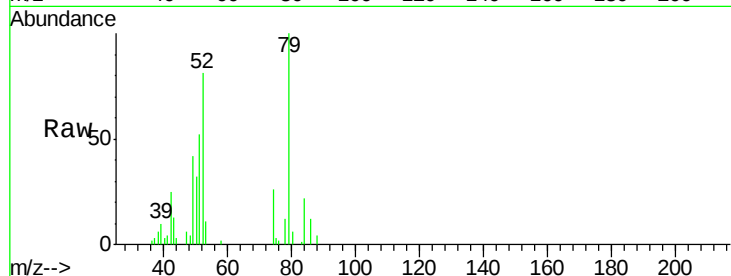
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	243547
Ion Ratio	Lower	Upper	
79	100		
52	80.7	67.1	100.7
51	52.2	32.7	49.1#

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#4

n-Nitrosodimethylamine

Concen: 35.46 ng m

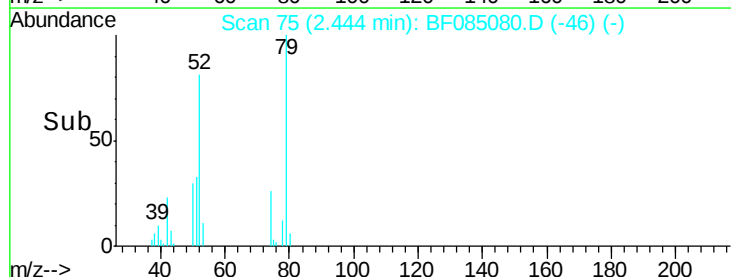
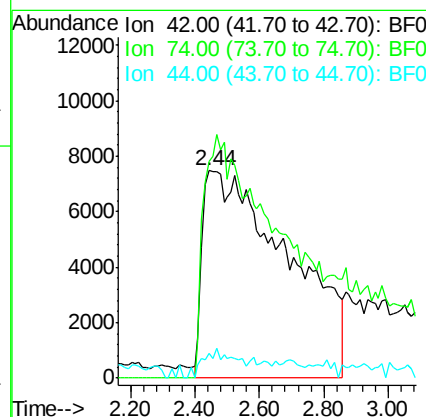
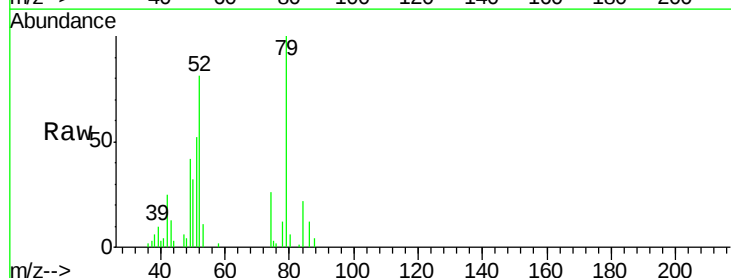
RT: 2.44 min Scan# 75

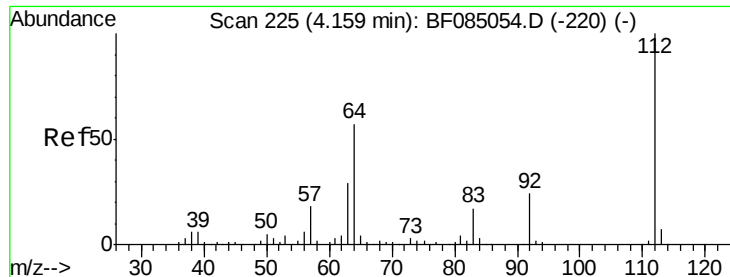
Delta R.T. 0.03 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	42	Resp:	137650
Ion Ratio	Lower	Upper	
42	100		
74	104.6	96.2	144.4
44	11.6	7.0	10.4#





#5

2-Fluorophenol

Concen: 58.66 ng

RT: 4.15 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

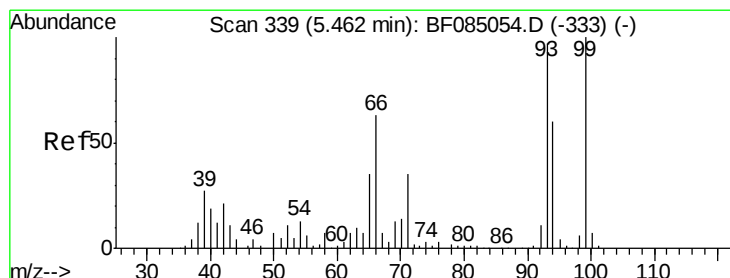
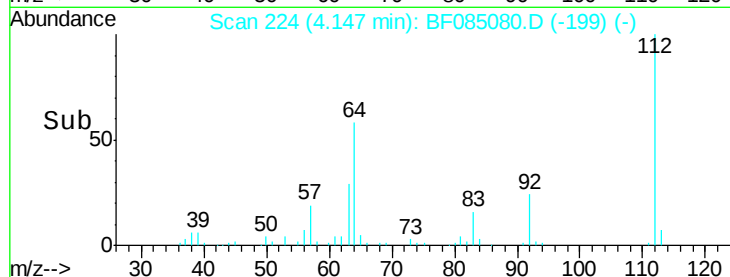
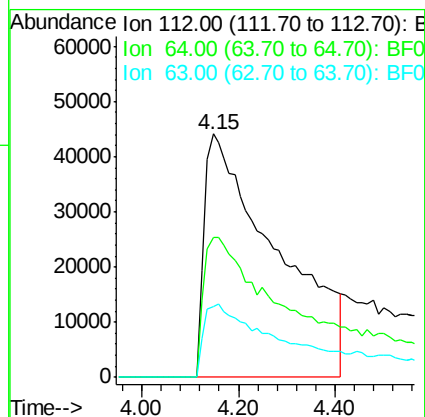
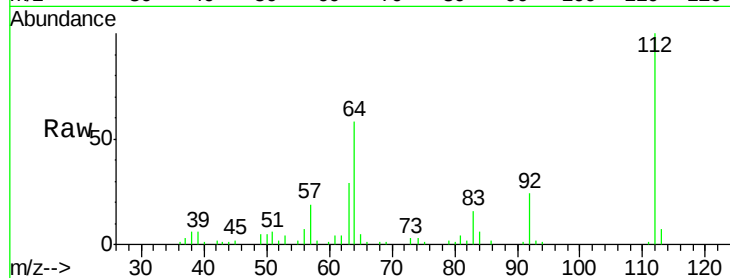
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	459926
Ion Ratio	Lower	Upper	
112	100		
64	57.5	45.4	68.2
63	29.3	23.2	34.8

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#6

Aniline

Concen: 33.00 ng

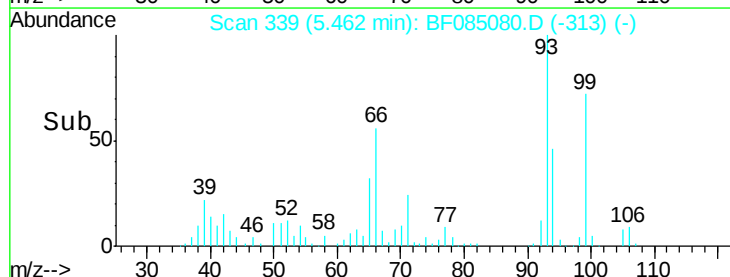
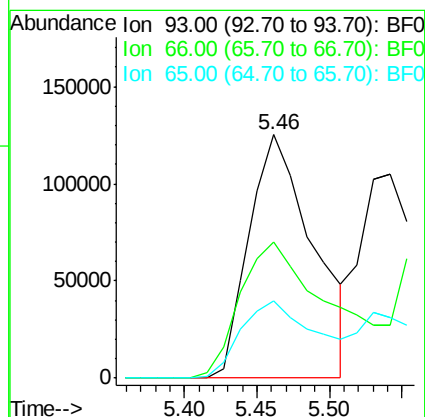
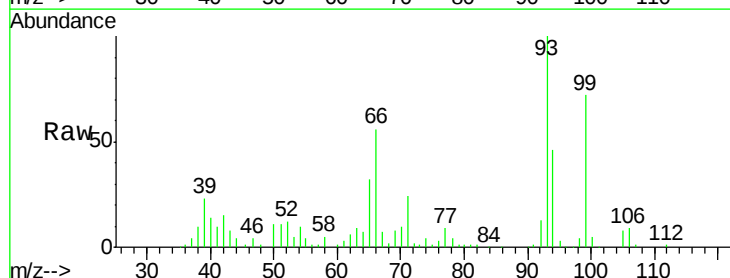
RT: 5.46 min Scan# 339

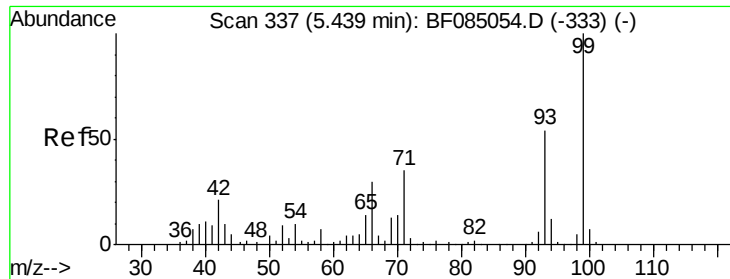
Delta R.T. 0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	93	Resp:	385044
Ion Ratio	Lower	Upper	
93	100		
66	55.8	51.8	77.8
65	31.6	28.5	42.7





#7

Phenol-d6

Concen: 82.81 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

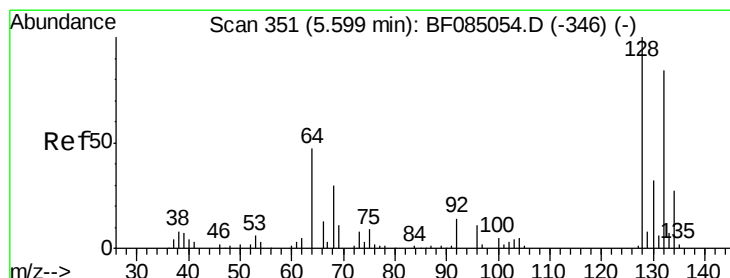
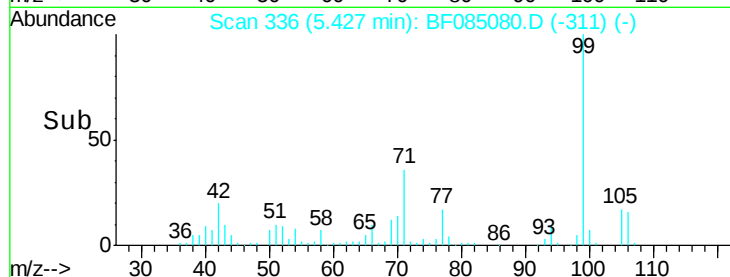
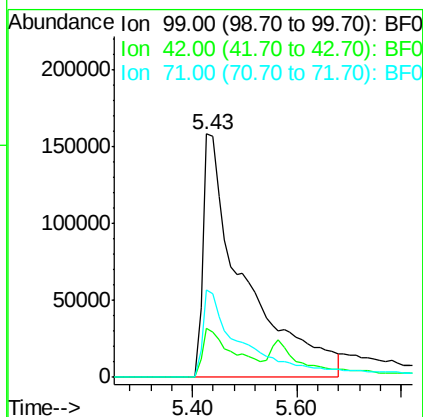
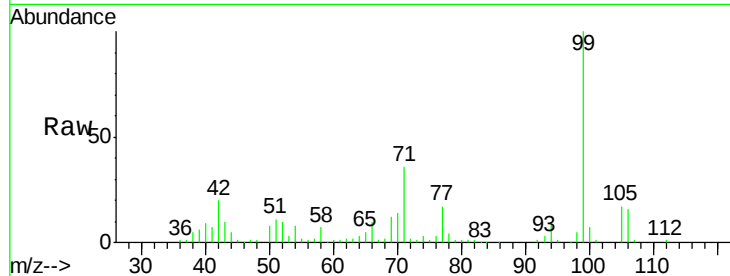
ClientSampleId :

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Tot Ion:	99	Resp:	865265
Ion Ratio	Lower	Upper	
99	100		
42	20.3	17.0	25.4
71	35.7	28.3	42.5

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#8

2-Chlorophenol

Concen: 43.55 ng

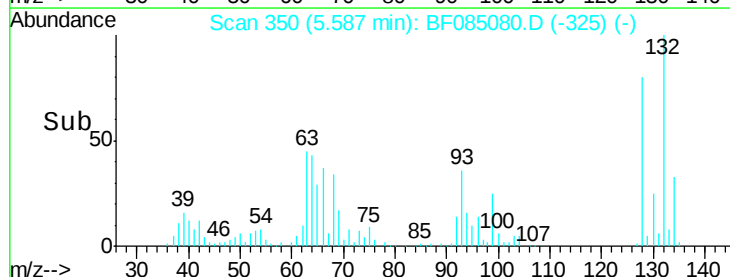
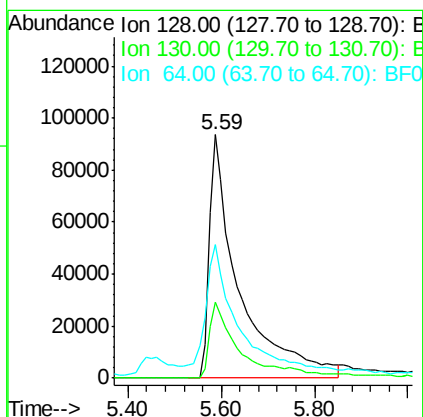
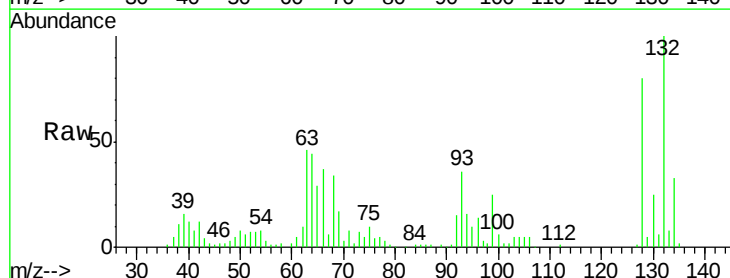
RT: 5.59 min Scan# 350

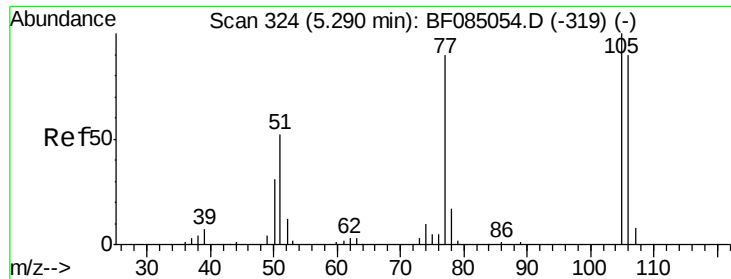
Delta R.T. -0.01 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	128	Resp:	419762
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.4	52.4
64	54.8	32.1	72.1





#9

Benzaldehyde

Concen: 38.59 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.13 min

Lab File: BF085080.D

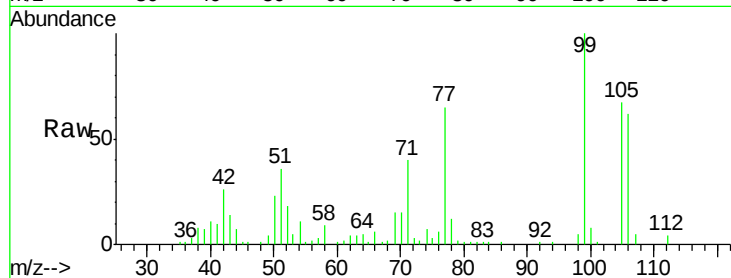
Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

ClientSampleId :

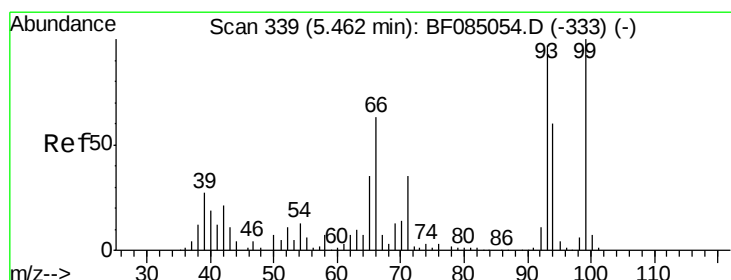
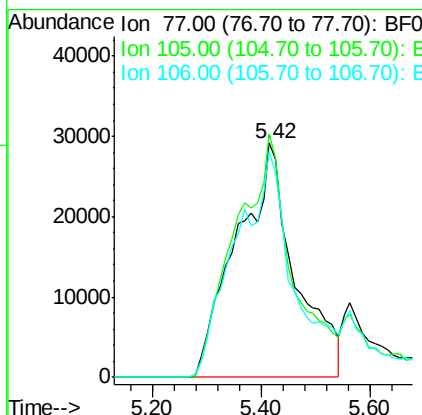
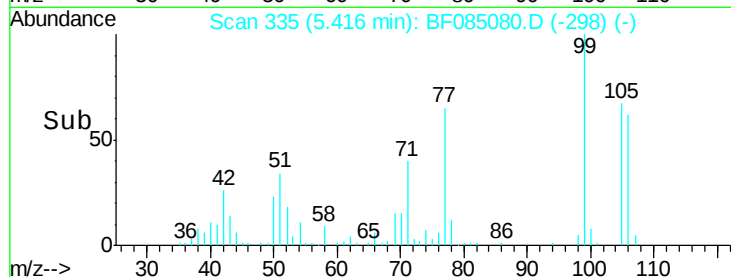
SSTDCCC040EC



Tot Ion:	77	Resp:	217177
Ion Ratio	Lower	Upper	
77	100		
105	103.8	90.9	130.9
106	96.1	79.7	119.7

Manual Integrations
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#10

Phenol

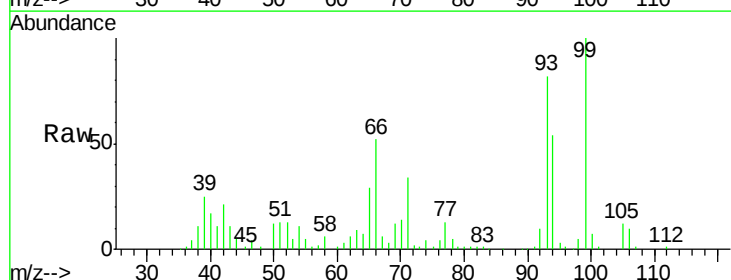
Concen: 39.85 ng

RT: 5.45 min Scan# 338

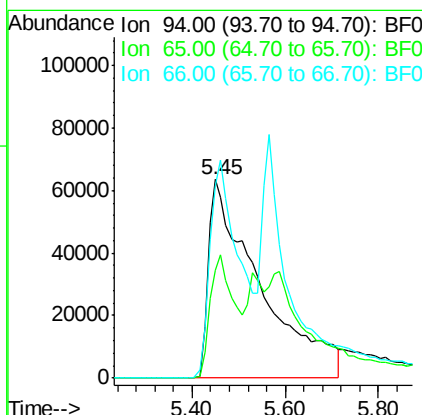
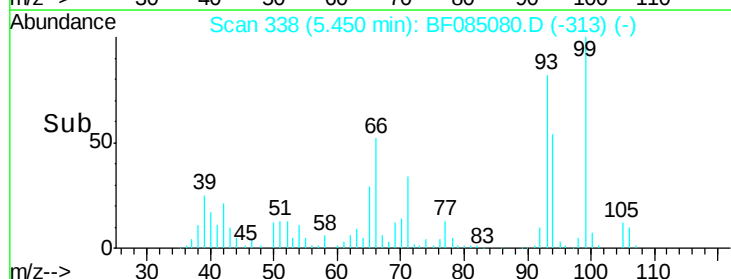
Delta R.T. -0.01 min

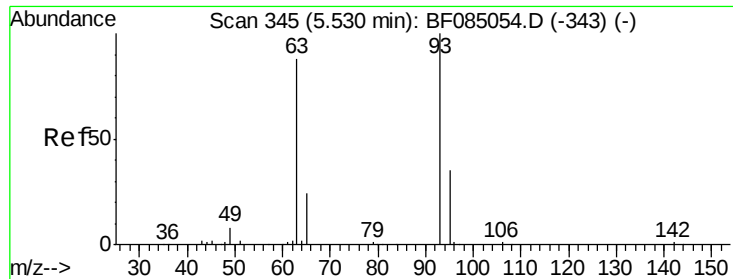
Lab File: BF085080.D

Acq: 13 Feb 2016 12:38



Tgt Ion:	94	Resp:	487025
Ion Ratio	Lower	Upper	
94	100		
65	54.4	37.3	77.3
66	97.0	84.1	124.1





#11

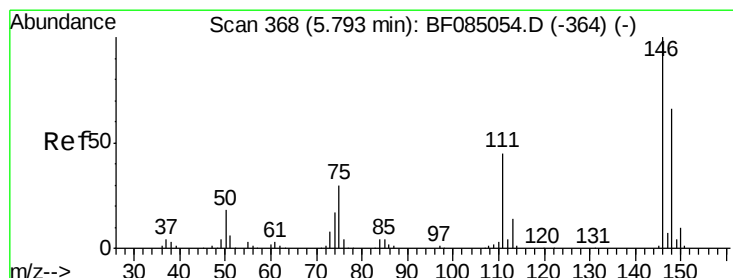
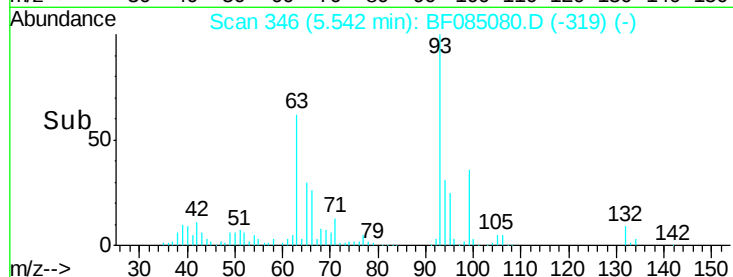
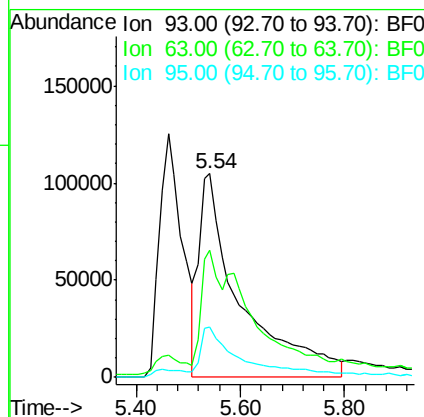
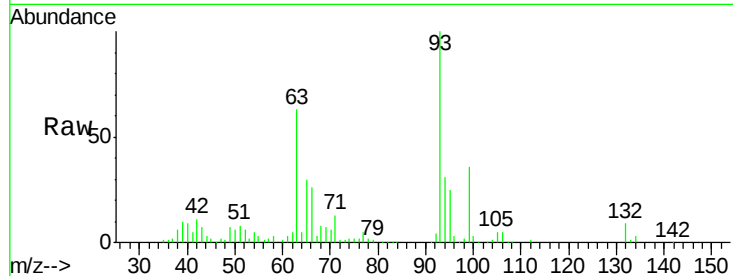
bis(2-Chloroethyl)ether
Concen: 55.49 ng/mL
RT: 5.54 min Scan# 346
Delta R.T. 0.01 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	581532
Ion Ratio	Lower	Upper	
93	100		
63	62.7	53.6	93.6
95	24.8	10.1	50.1

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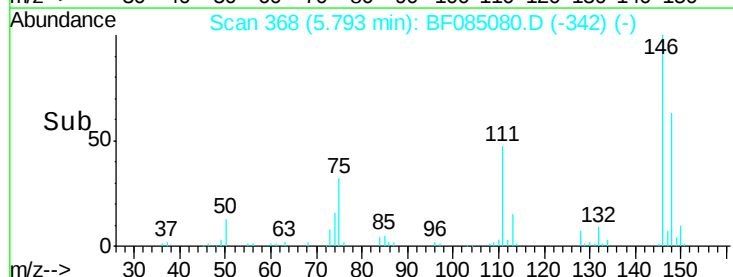
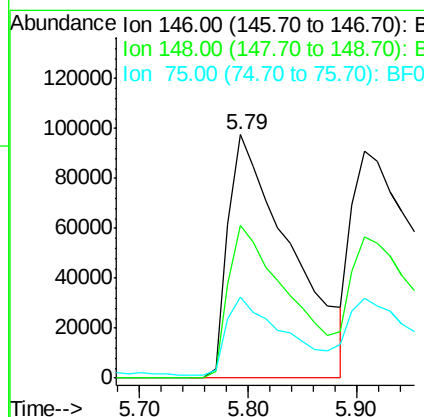
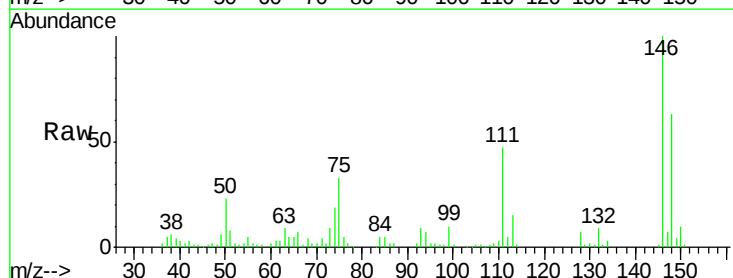
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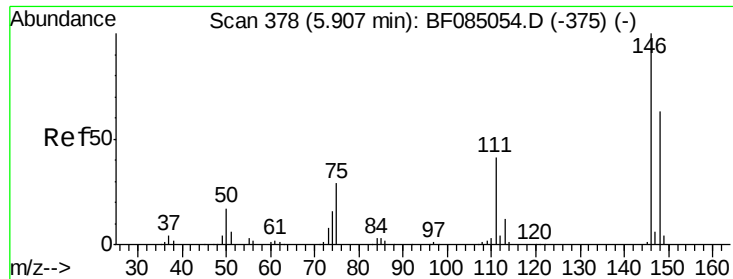


#12

1,3-Dichlorobenzene
Concen: 40.73 ng/mL
RT: 5.79 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion:	146	Resp:	390393
Ion Ratio	Lower	Upper	
146	100		
148	62.9	53.1	79.7
75	33.4	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 34.38 ng

RT: 5.91 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

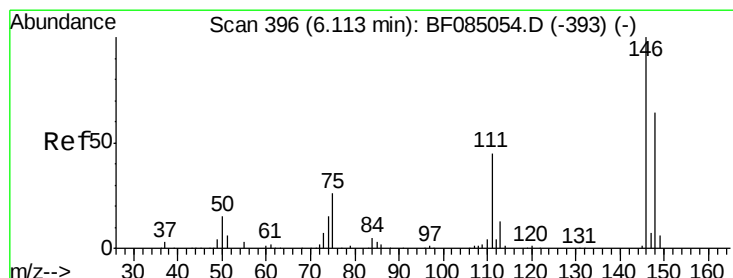
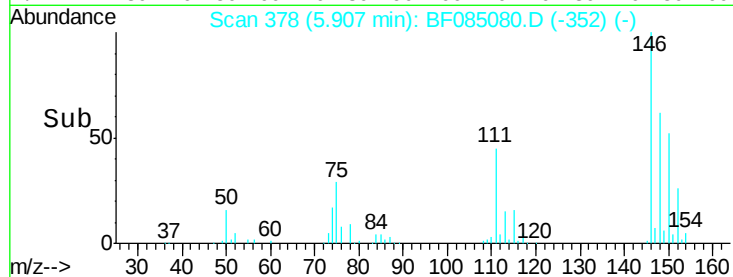
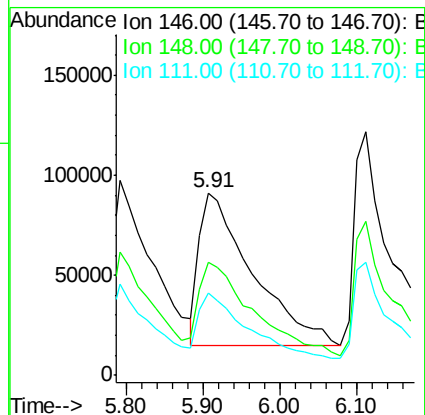
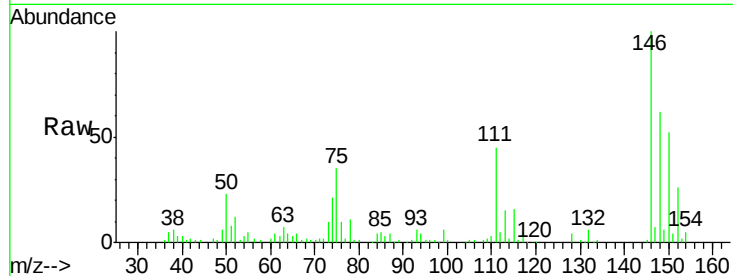
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	366687
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.3	75.5
111	45.4	33.6	50.4

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#14

1,2-Dichlorobenzene

Concen: 44.57 ng

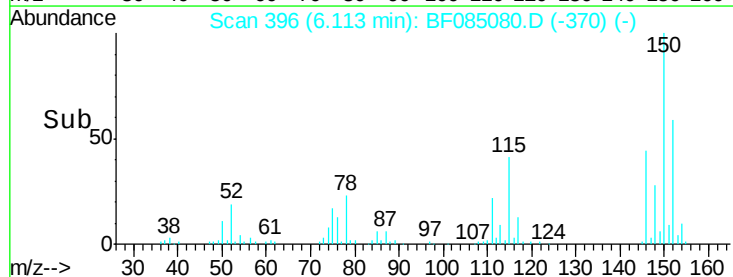
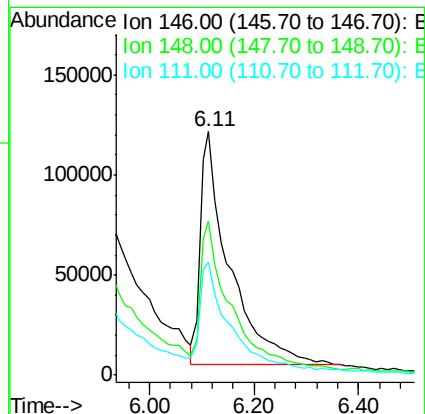
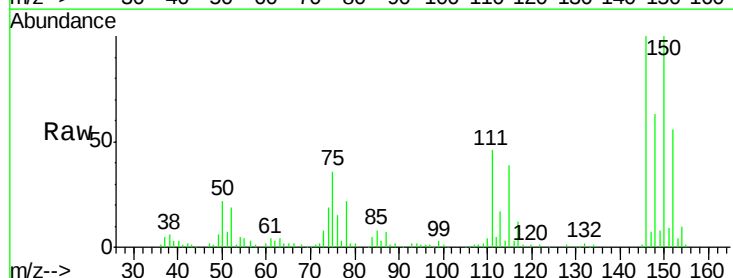
RT: 6.11 min Scan# 396

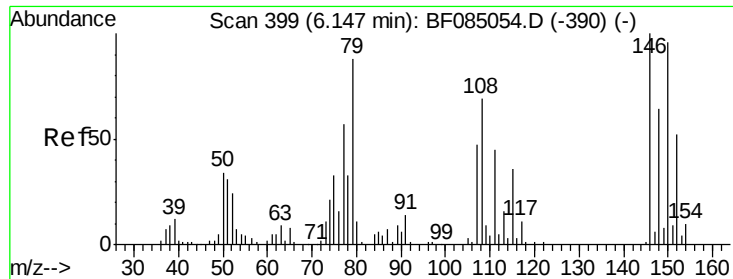
Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	146	Resp:	446812
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.5	77.3
111	46.4	36.5	54.7





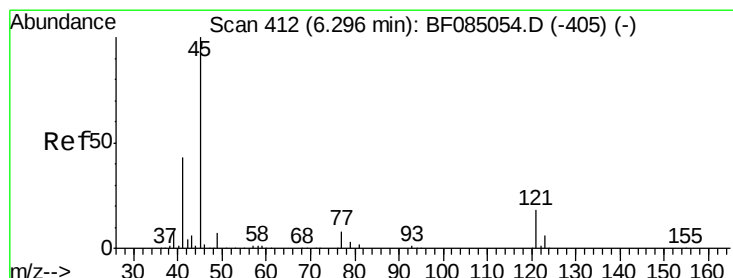
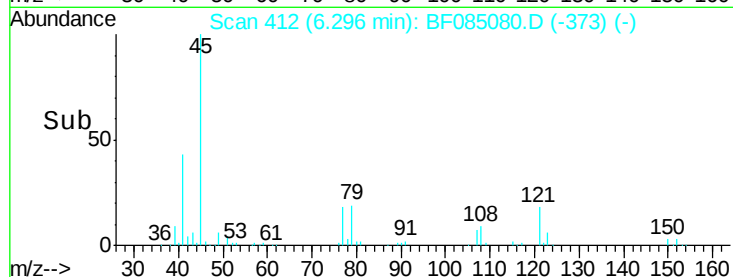
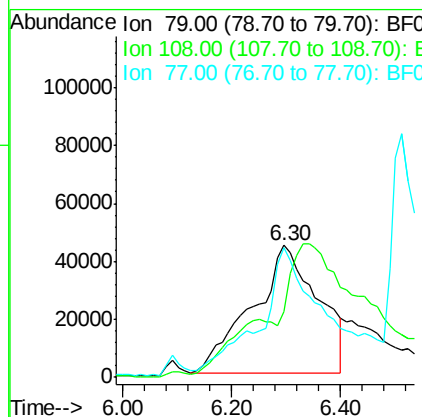
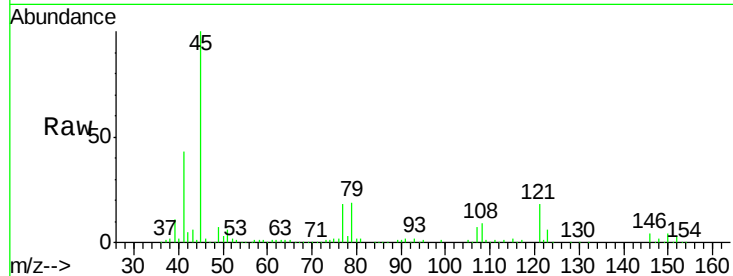
#15
Benzyl Alcohol
Concen: 57.69 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.15 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 79 Resp: 368331
Ion Ratio Lower Upper
79 100
108 50.1 63.4 95.0#
77 98.0 51.8 77.6#

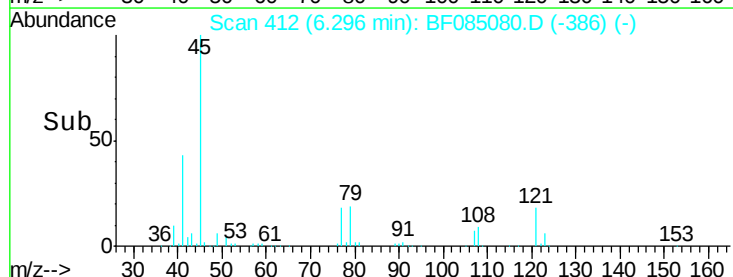
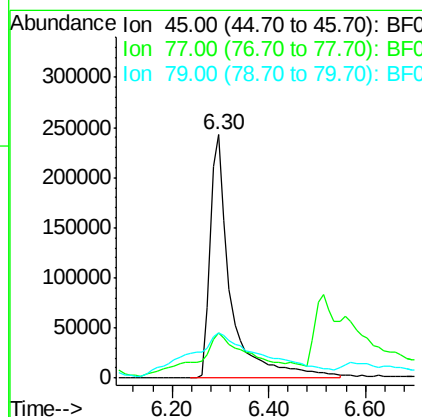
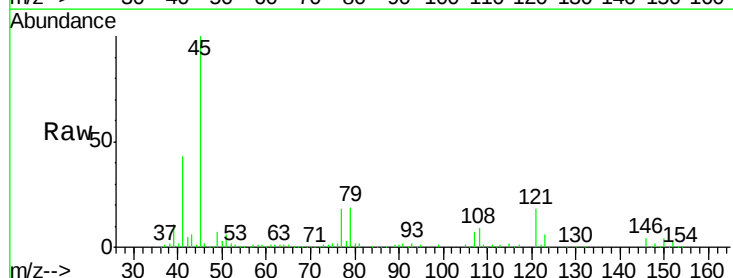
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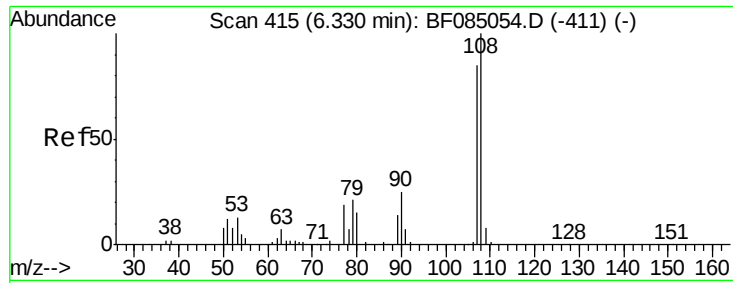
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.09 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion: 45 Resp: 725864
Ion Ratio Lower Upper
45 100
77 18.4 0.0 35.2
79 18.8 0.0 33.7





#17

2-Methylphenol

Concen: 26.54 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

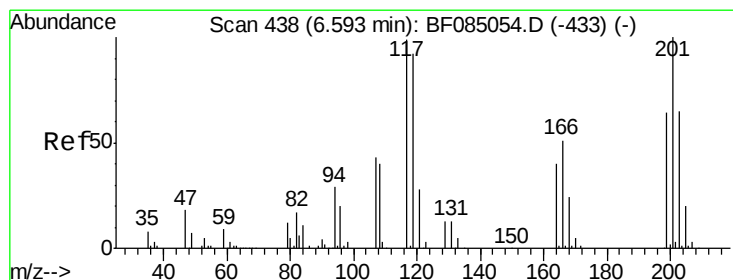
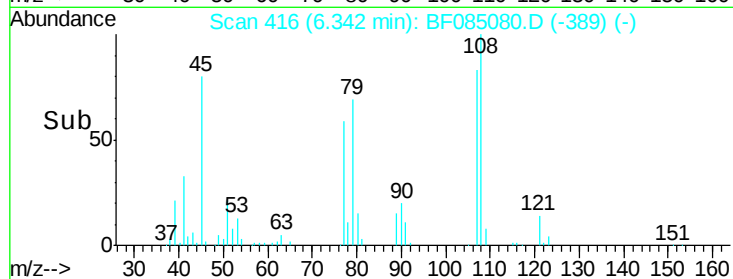
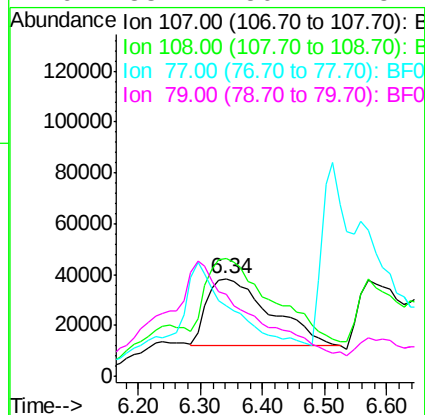
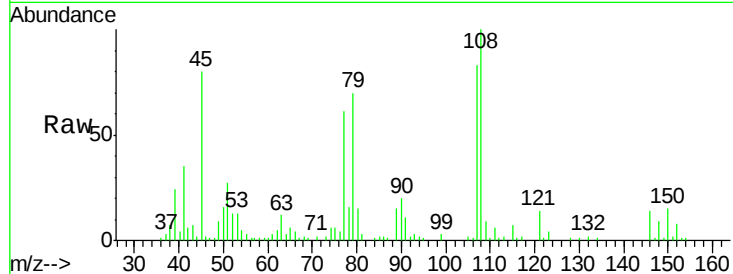
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	120.2	97.0	145.4	
77	72.8	50.5	75.7	
79	83.7	50.1	75.1#	

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#18

Hexachloroethane

Concen: 47.96 ng

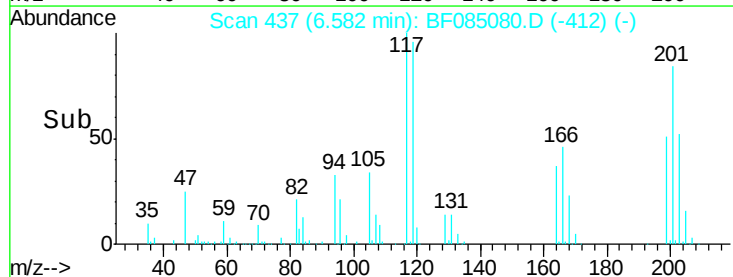
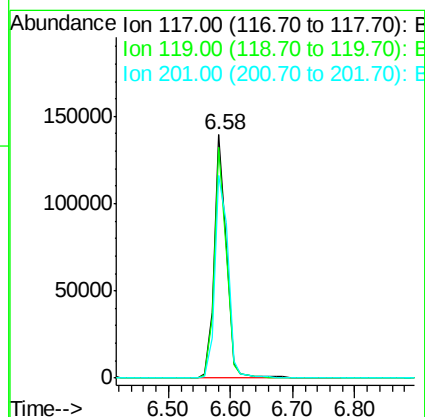
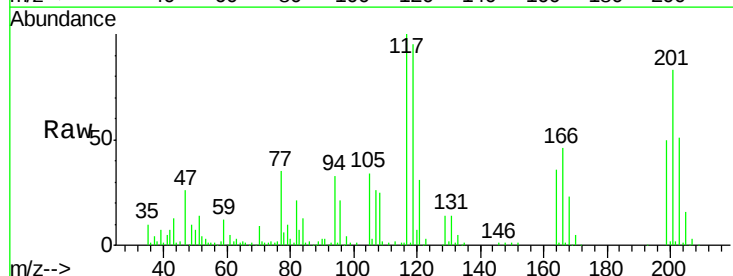
RT: 6.58 min Scan# 437

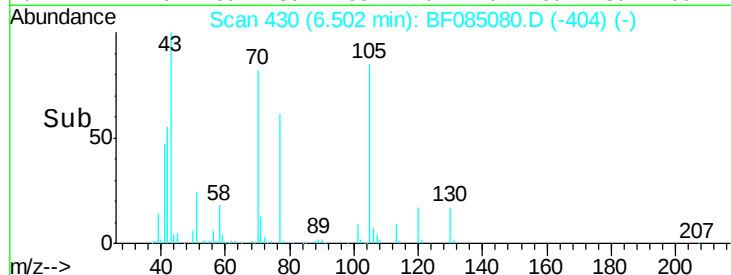
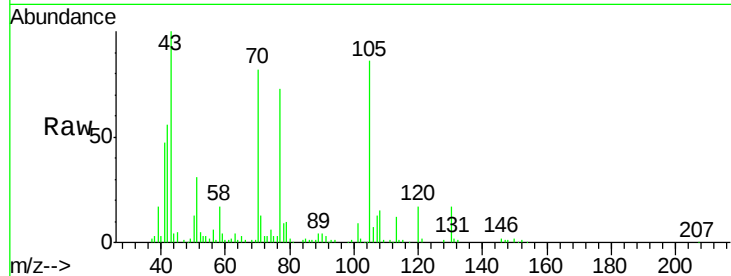
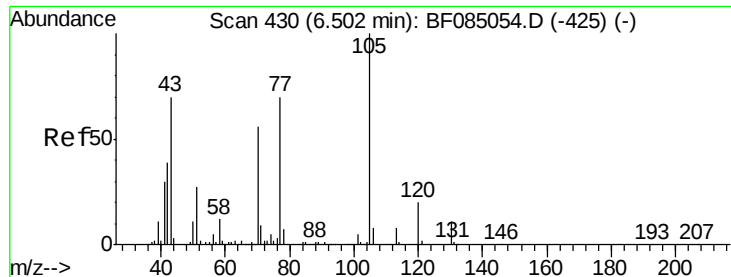
Delta R.T. -0.01 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	74.5	111.7	
201	83.2	80.9	121.3	





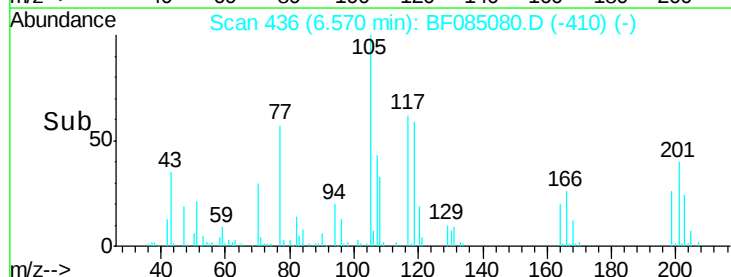
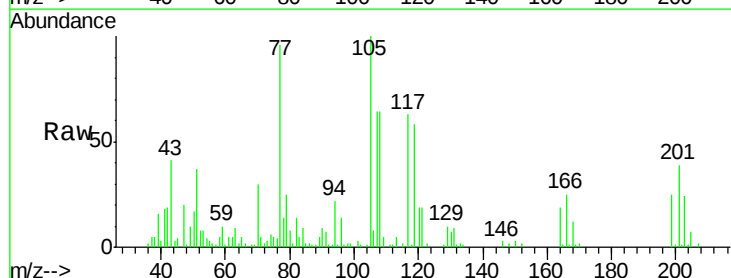
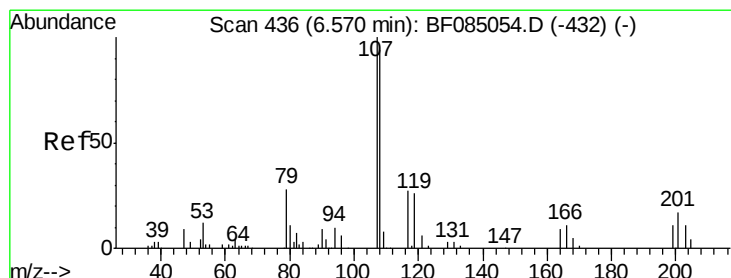
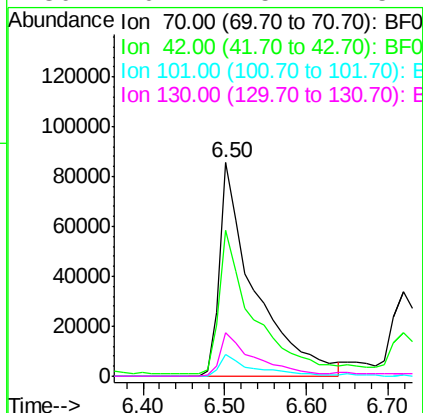
#19
n-Nitroso-di-n-propylamine
Concen: 38.56 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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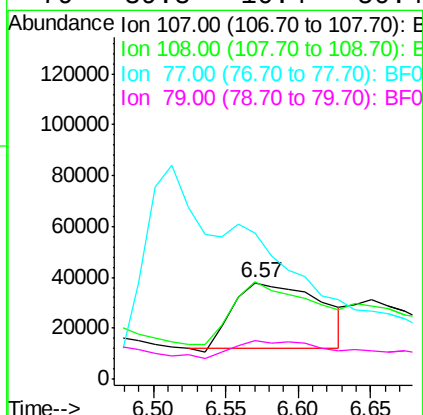
Sohil
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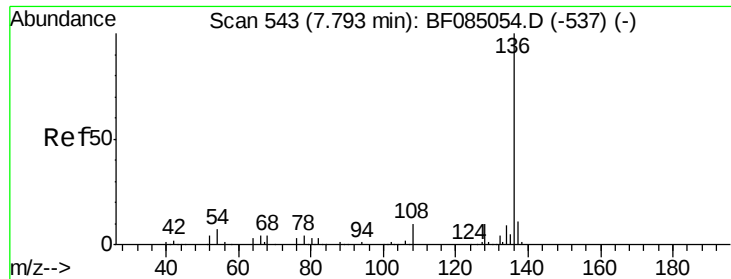
Tot Ion	70	Resp	253824
Ion Ratio	Lower	Upper	
70	100		
42	68.1	55.8	83.6
101	10.4	7.7	11.5
130	20.4	15.4	23.2



#20
3+4-Methylphenols
Concen: 12.31 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion	107	Resp	107184
Ion Ratio	Lower	Upper	
107	100		
108	100.2	74.4	114.4
77	150.5	46.9	86.9#
79	39.8	10.4	50.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

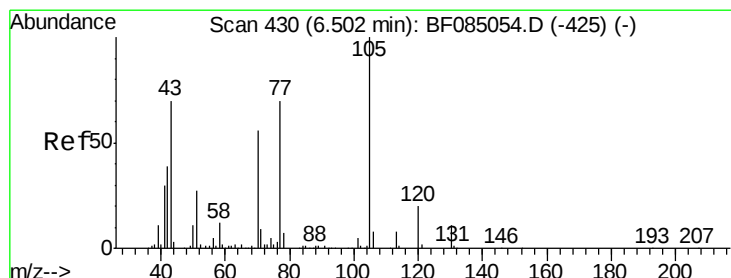
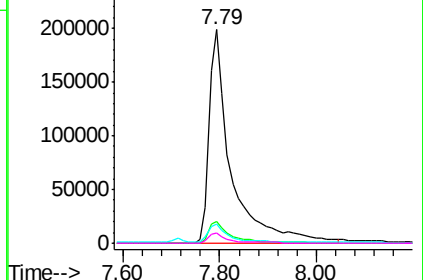
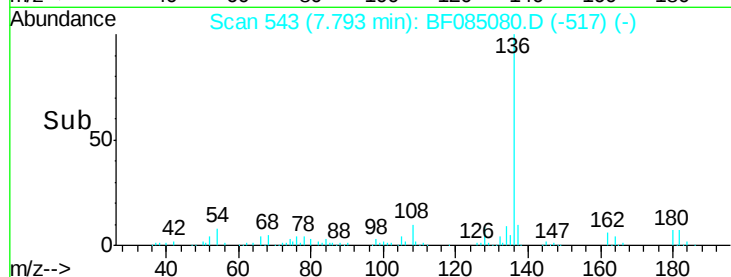
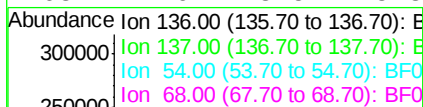
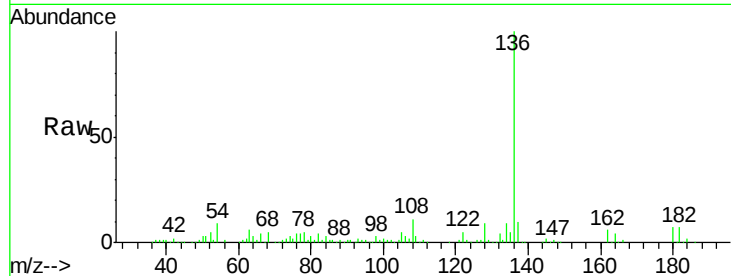
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		637107		
137	10.3		8.9	13.3	
54	8.8		6.1	9.1	
68	4.6		3.5	5.3	

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#22

Acetophenone

Concen: 37.90 ng

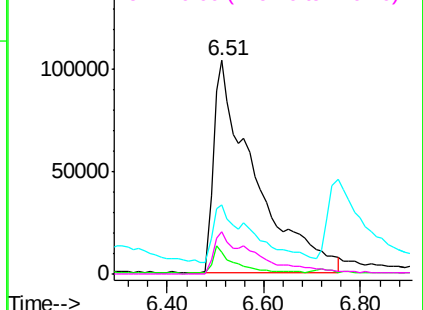
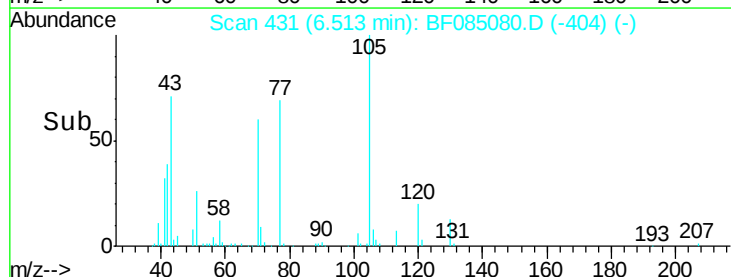
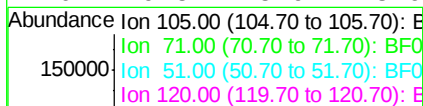
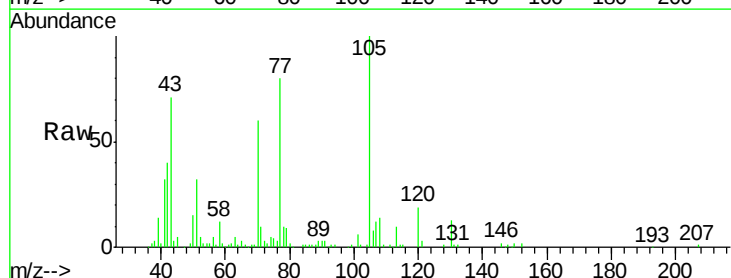
RT: 6.51 min Scan# 431

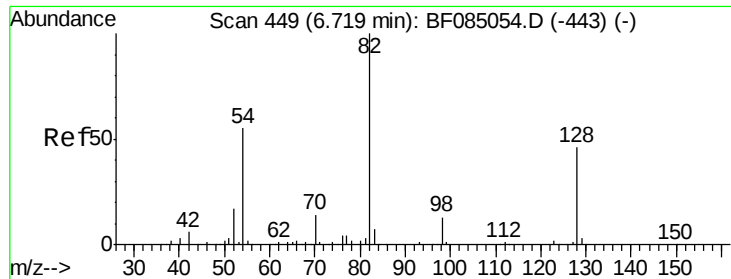
Delta R.T. 0.01 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		618915		
71	10.1		7.5	11.3	
51	32.3		23.1	34.7	
120	19.5		15.9	23.9	





#23

Nitrobenzene-d5

Concen: 81.20 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

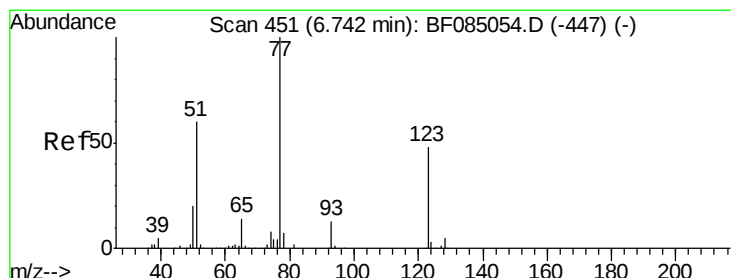
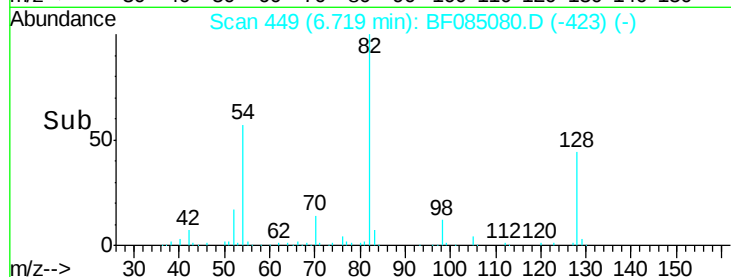
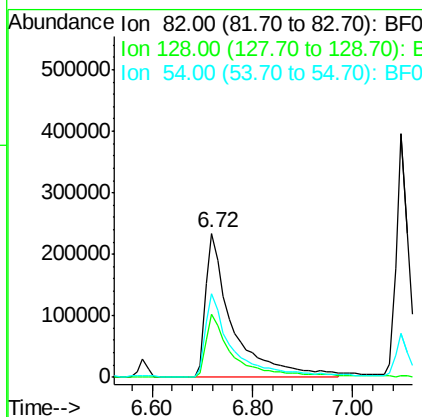
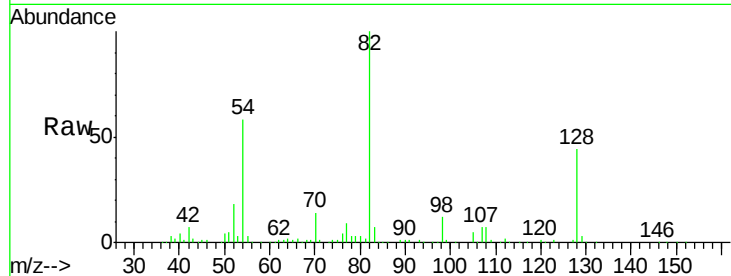
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	876046
Ion Ratio	Lower	Upper	
82	100		
128	44.0	36.8	55.2
54	57.6	44.4	66.6

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#24

Nitrobenzene

Concen: 33.99 ng

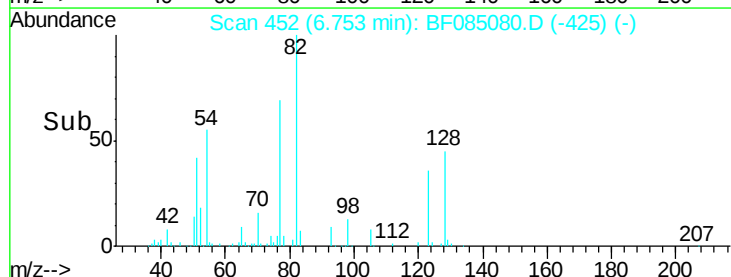
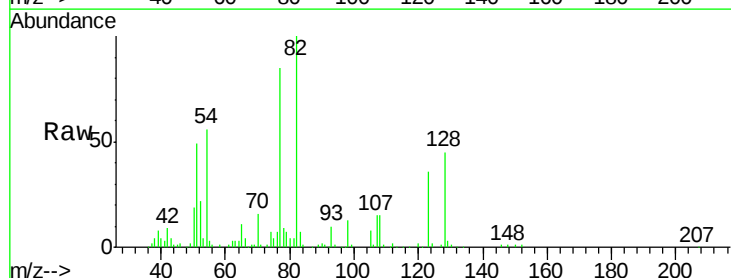
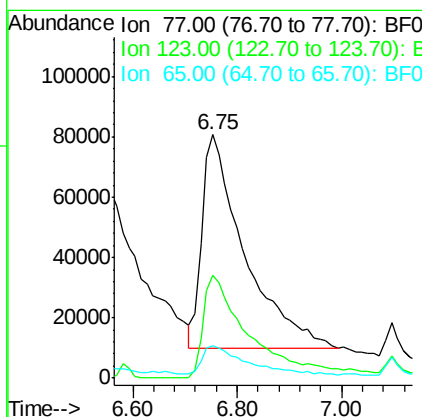
RT: 6.75 min Scan# 452

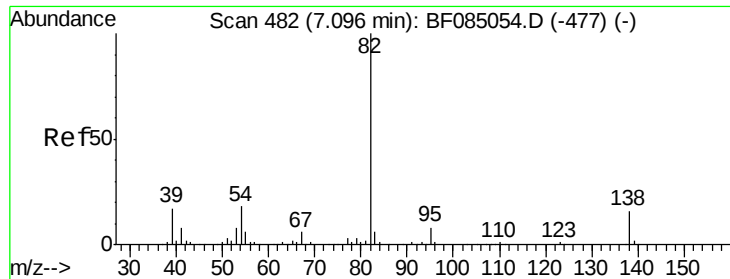
Delta R.T. 0.01 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	77	Resp:	400729
Ion Ratio	Lower	Upper	
77	100		
123	42.5	36.5	54.7
65	13.1	10.9	16.3





#25

Isophorone

Concen: 40.32 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

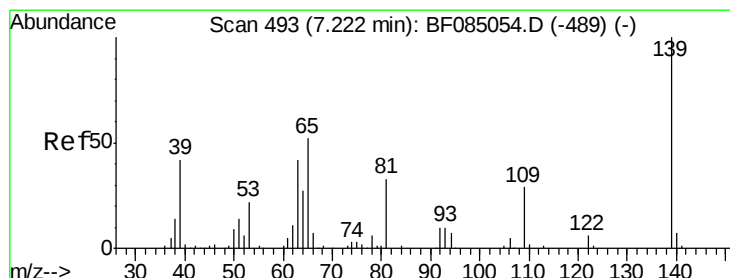
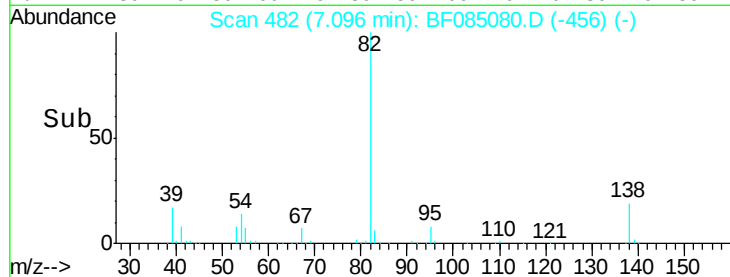
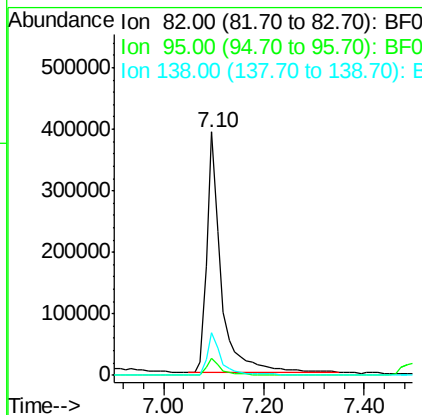
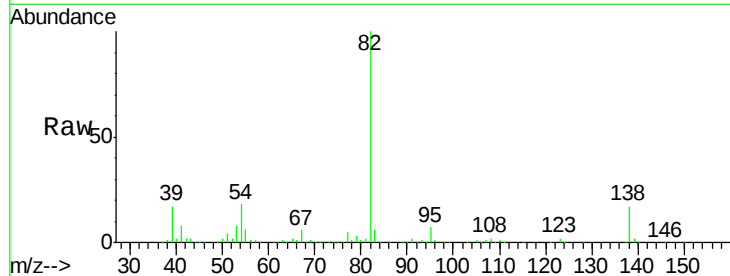
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	780415
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.1	9.1
138	17.5	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 18.25 ng

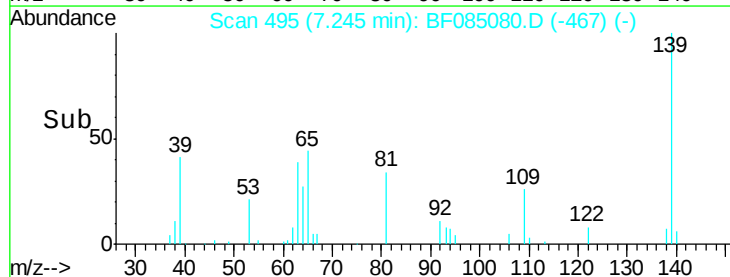
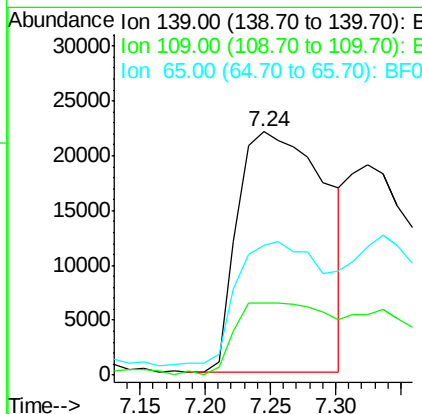
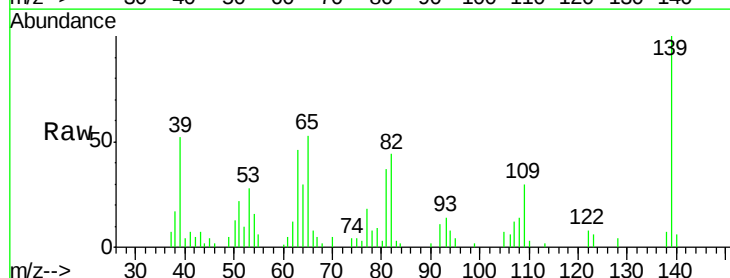
RT: 7.24 min Scan# 495

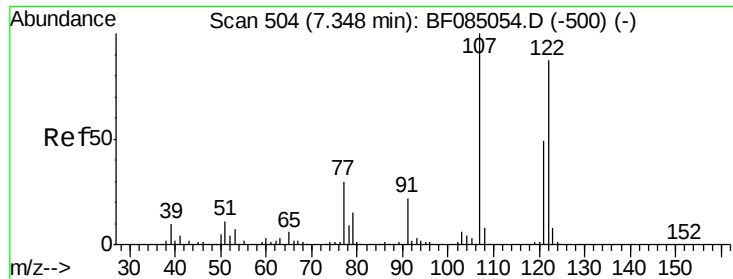
Delta R.T. 0.02 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	139	Resp:	103094
Ion Ratio	Lower	Upper	
139	100		
109	29.5	23.4	35.2
65	53.4	42.3	63.5





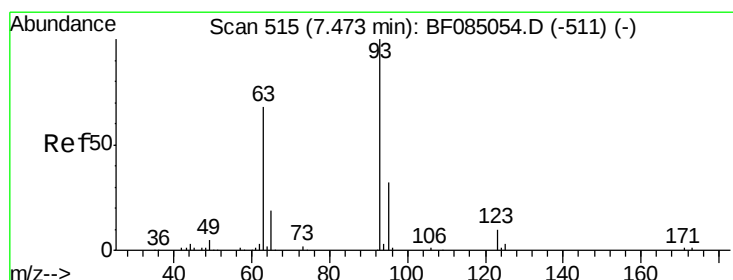
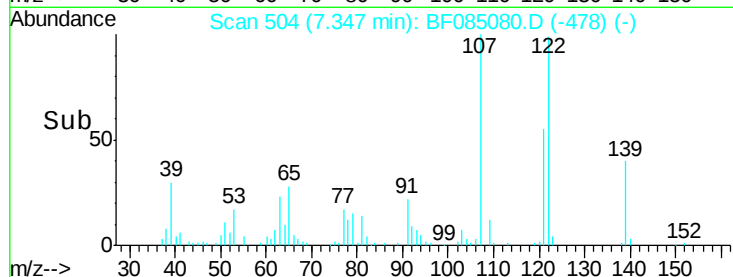
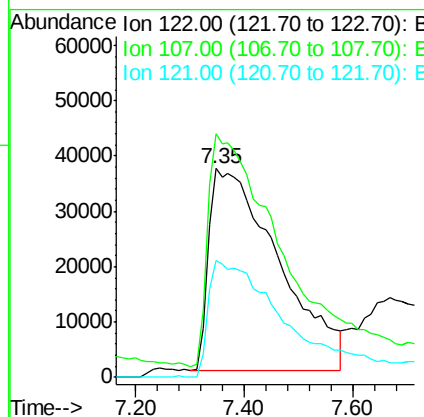
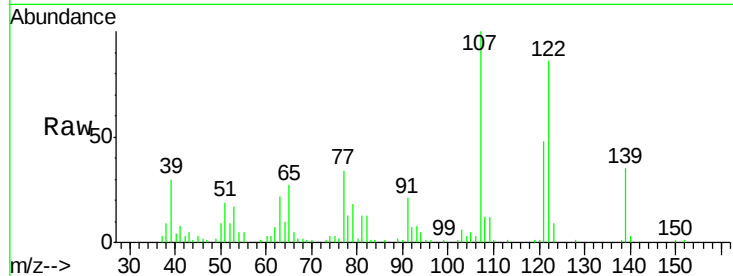
#27
 2,4-Dimethylphenol
 Concen: 35.61 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	325527		
107	116.7	91.8	137.8	
121	55.9	45.0	67.4	

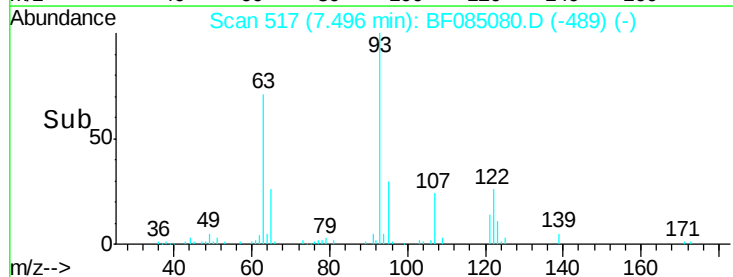
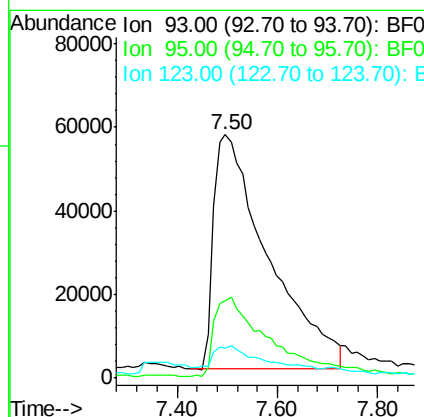
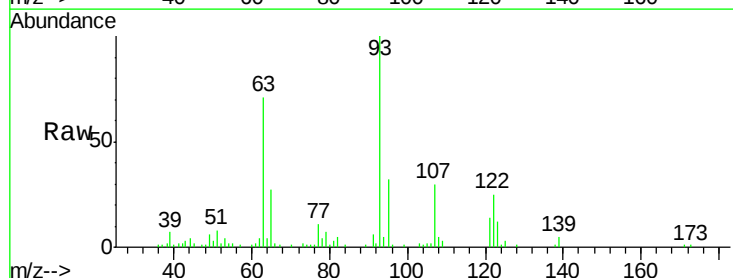
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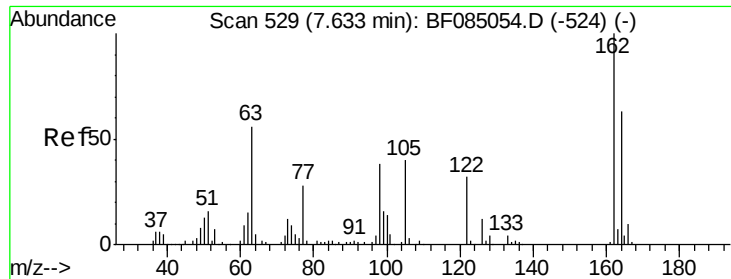
Sohil
 2/15/2016 4:45:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.40 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.02 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	425273		
95	31.9	25.6	38.4	
123	12.5	8.7	13.1	





#29

2,4-Dichlorophenol

Concen: 36.46 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.05 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

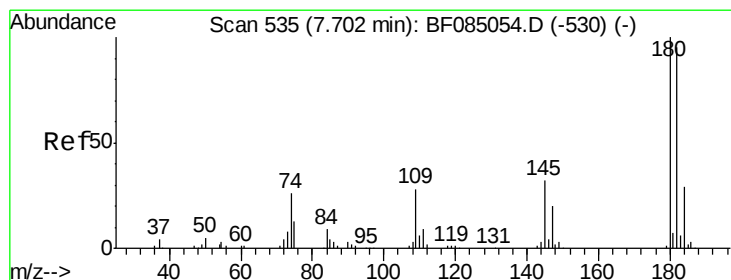
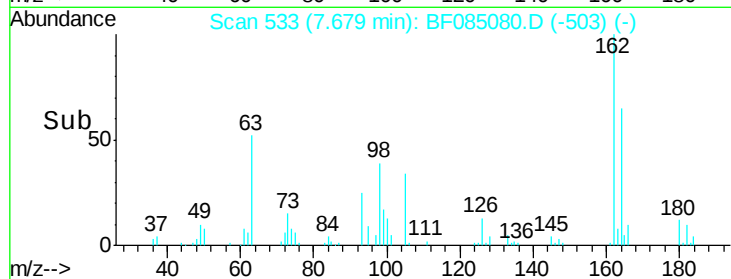
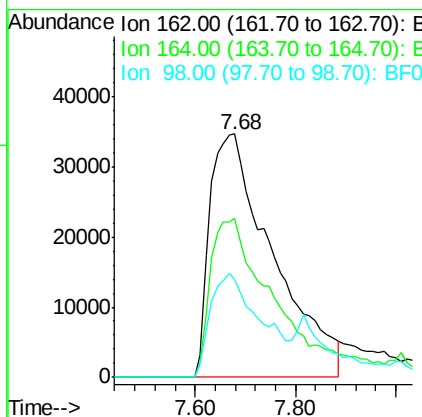
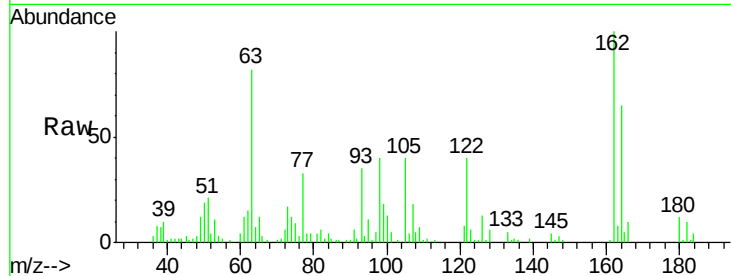
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	302958
Ion Ratio	Lower	Upper	
162	100		
164	65.4	42.8	82.8
98	39.9	17.6	57.6

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 41.23 ng

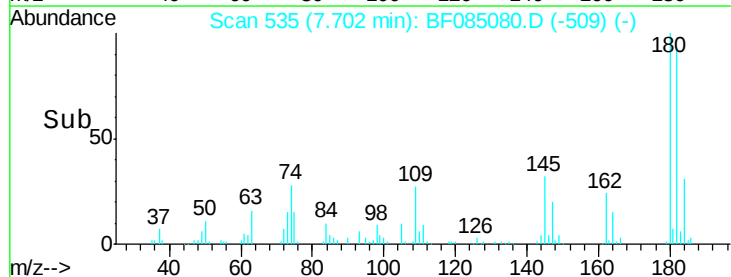
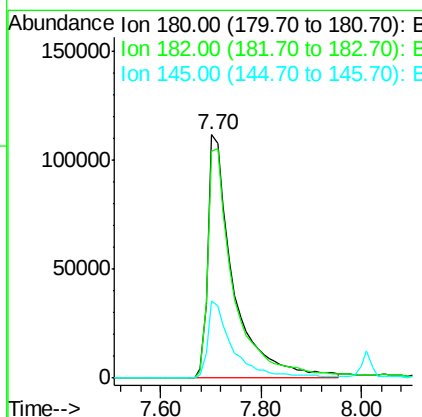
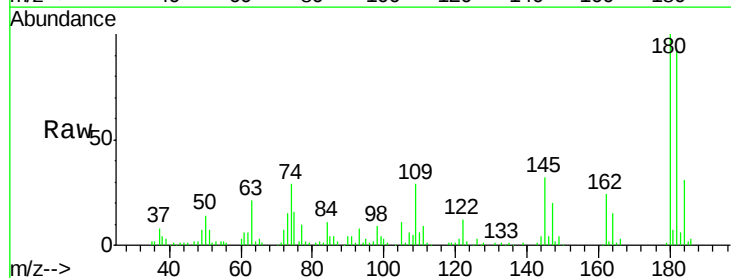
RT: 7.70 min Scan# 535

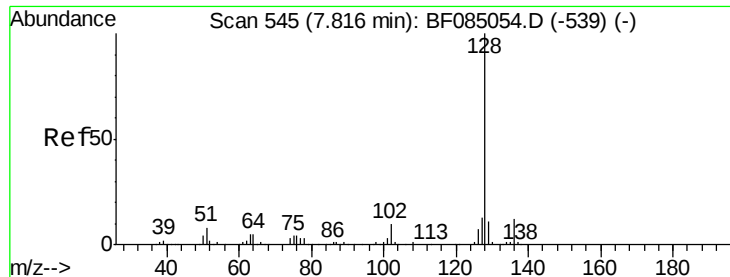
Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	180	Resp:	394910
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.8	113.8
145	31.8	25.9	38.9





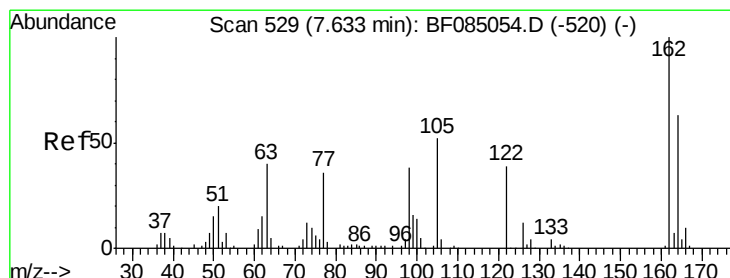
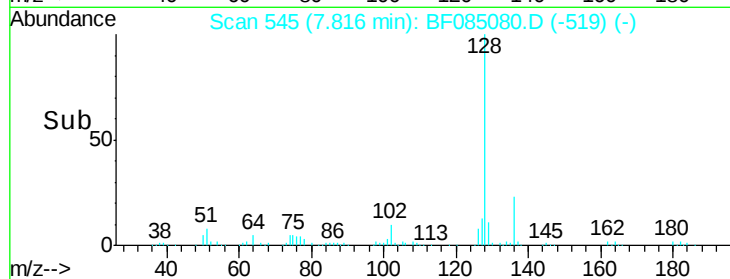
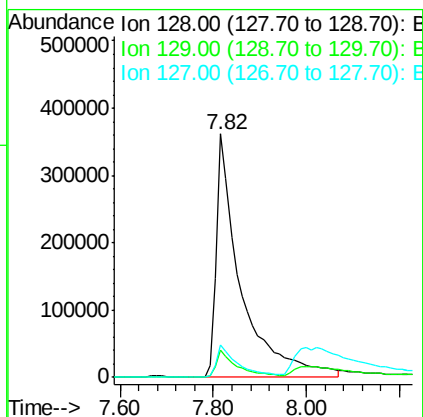
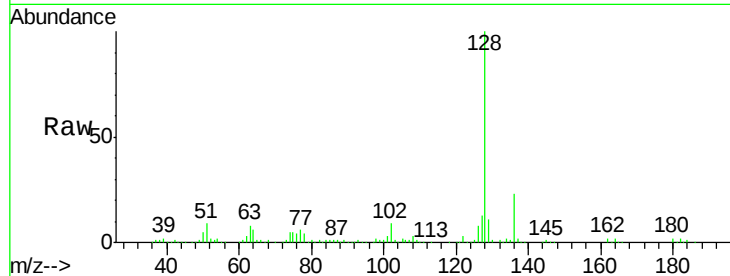
#31
Naphthalene
Concen: 42.05 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.1	10.3	15.5

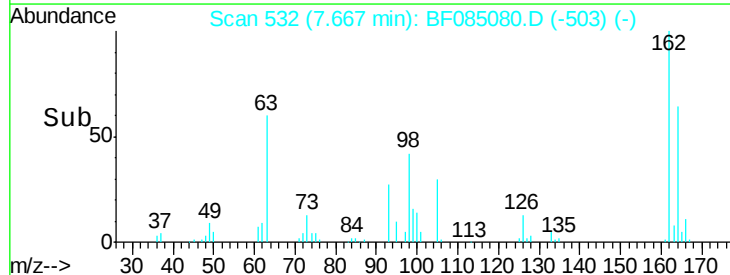
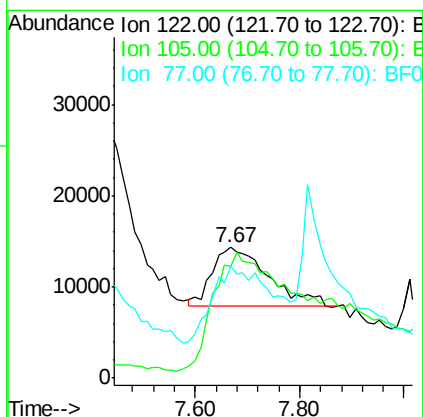
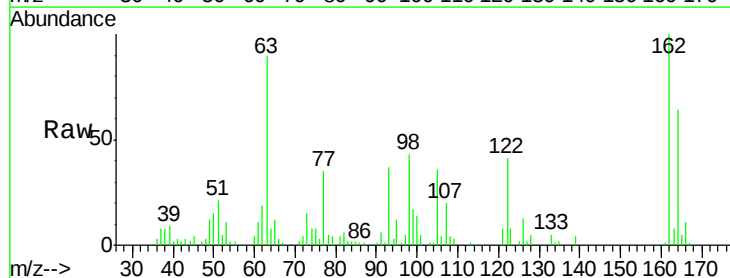
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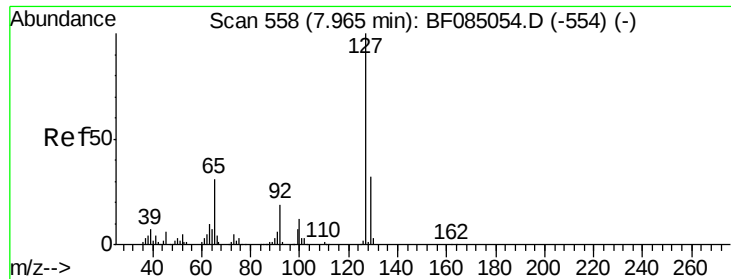
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#32
Benzoic acid
Concen: 15.00 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.03 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	85.7	101.3	141.3#
77	85.3	70.0	110.0





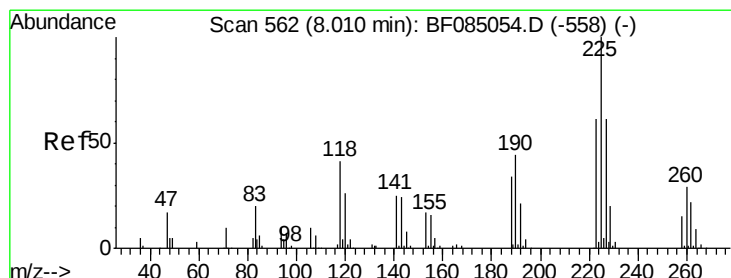
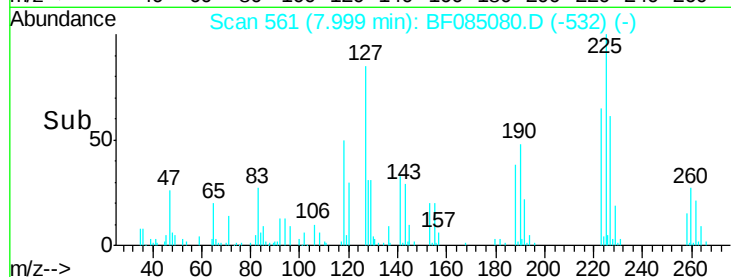
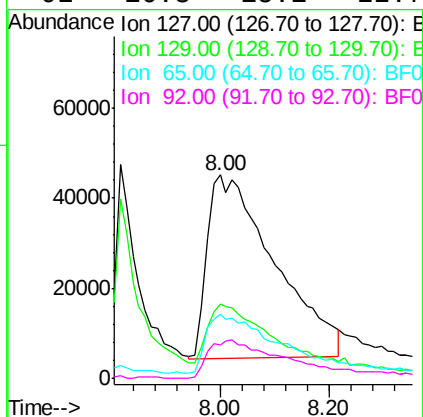
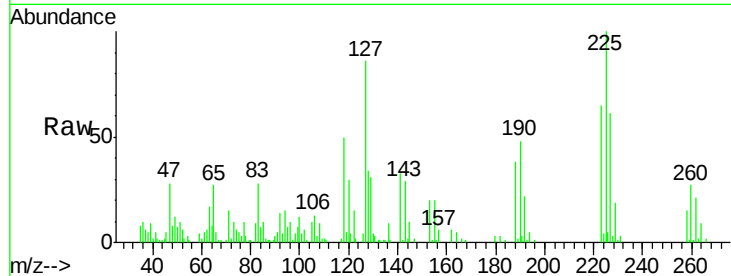
#33
4-Chloroaniline
Concen: 29.85 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.03 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	36.3	26.6	39.8		
65	31.8	24.7	37.1		
92	16.3	15.1	22.7		

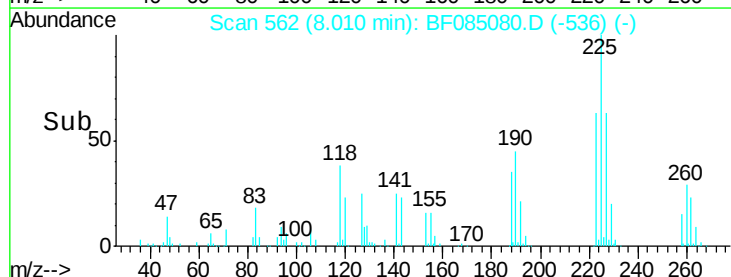
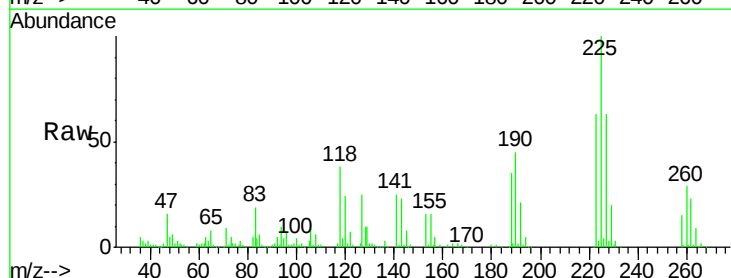
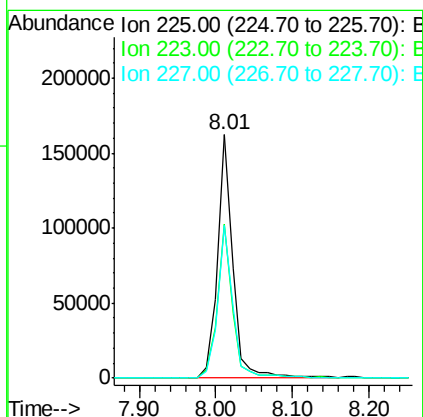
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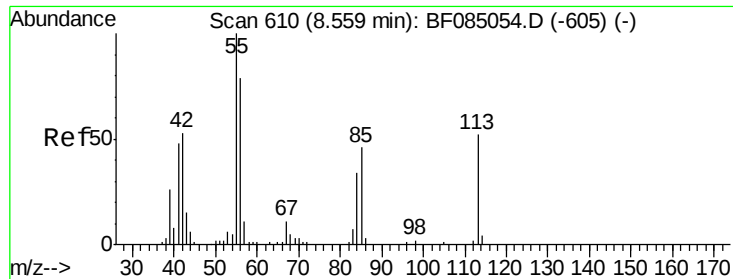
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#34
Hexachlorobutadiene
Concen: 42.51 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	48.6	73.0		
227	62.8	48.9	73.3		





#35

Caprolactam

Concen: 30.05 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

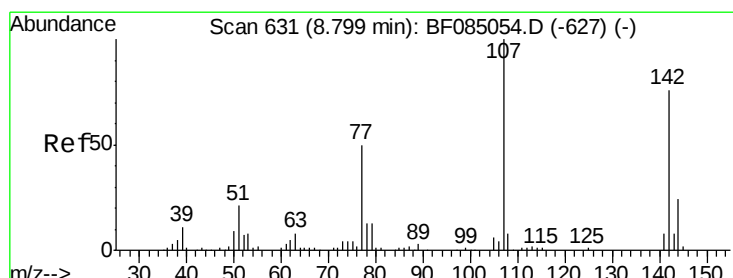
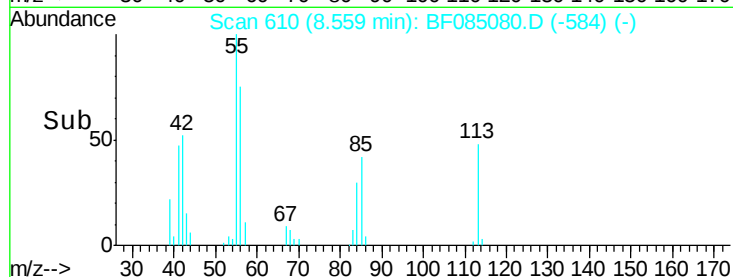
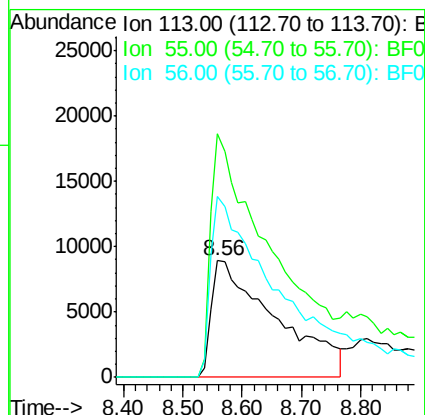
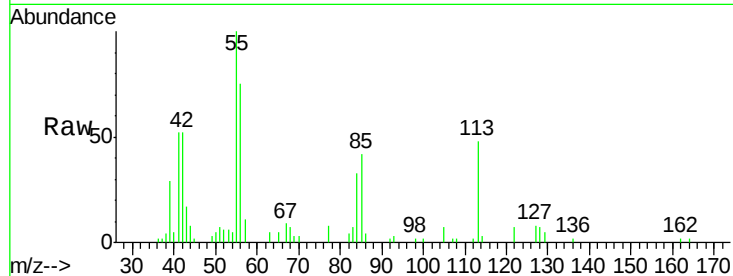
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	67134
Ion Ratio	Lower	Upper	
113	100		
55	208.8	173.1	213.1
56	155.6	132.9	172.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 35.36 ng

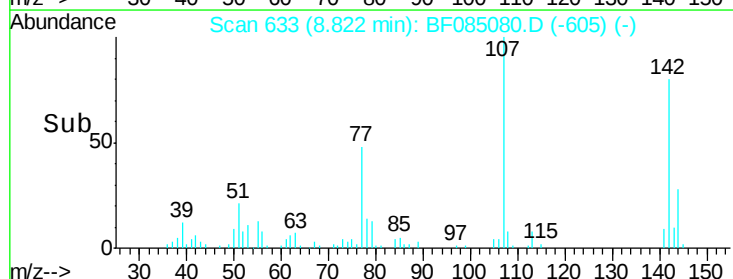
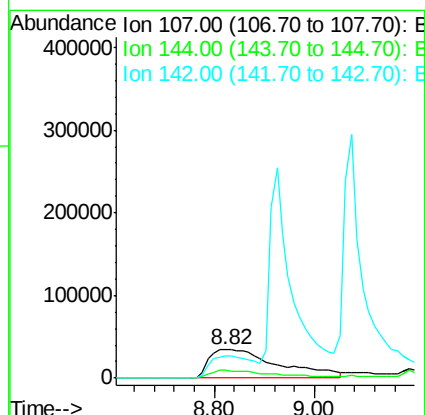
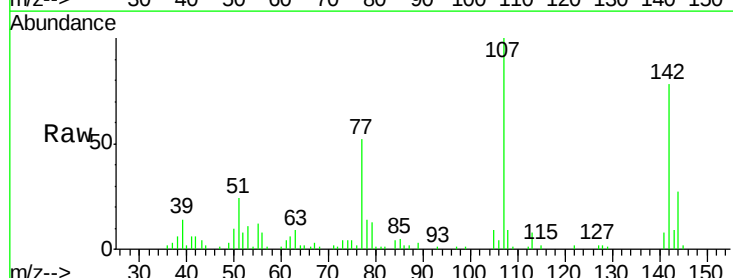
RT: 8.82 min Scan# 633

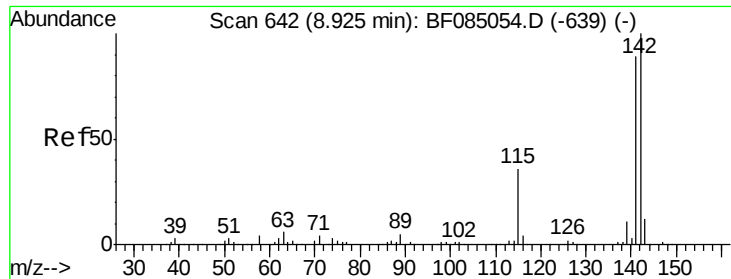
Delta R.T. 0.02 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	107	Resp:	333163
Ion Ratio	Lower	Upper	
107	100		
144	27.1	19.2	28.8
142	78.2	60.6	91.0





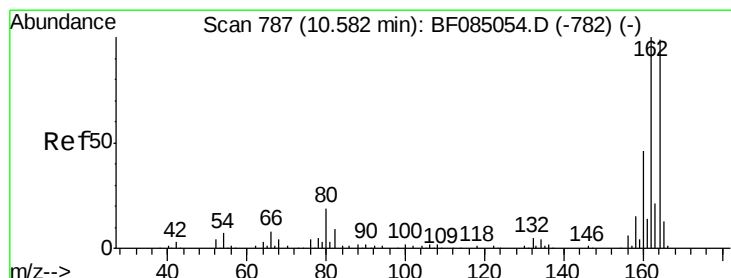
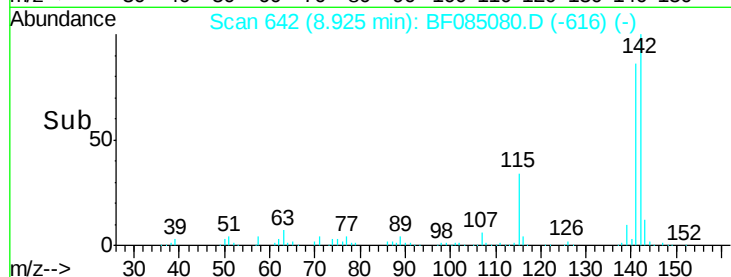
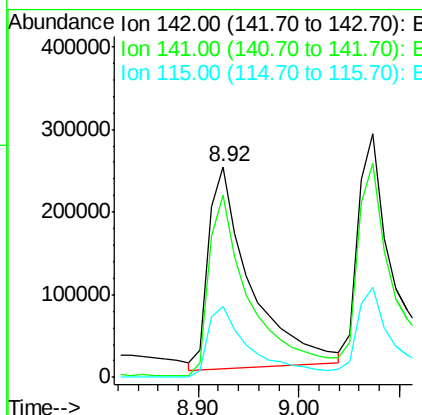
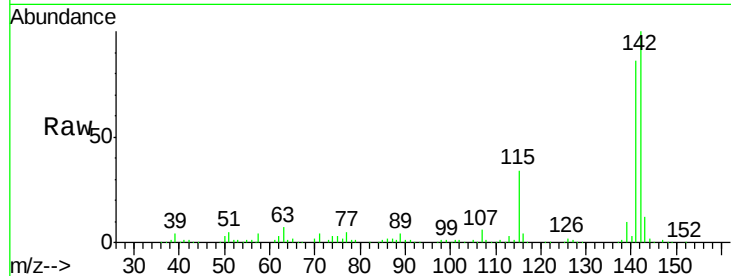
#37
2-Methylnaphthalene
Concen: 36.02 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	69.6	104.4
115	33.7	27.9	41.9

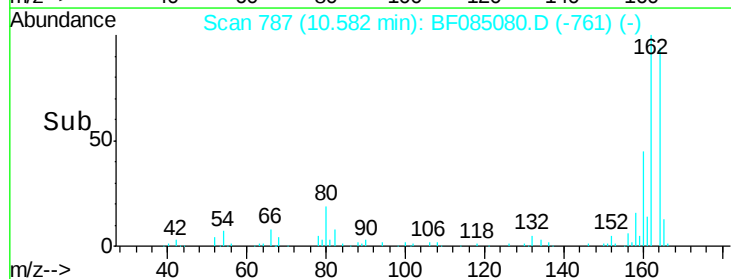
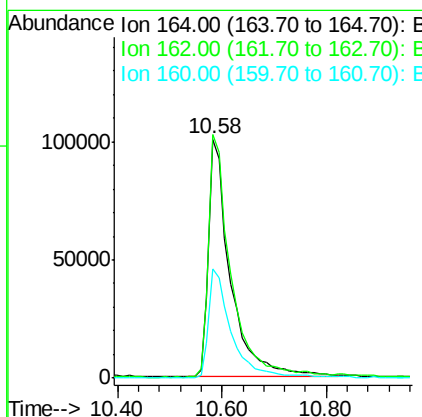
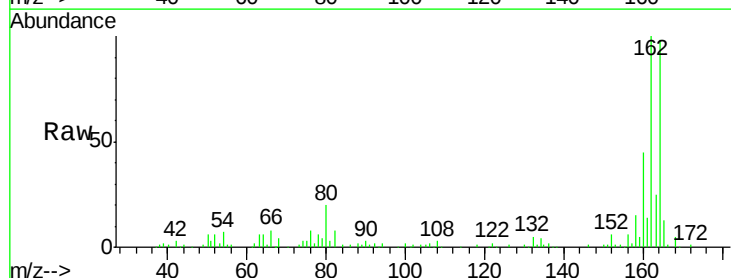
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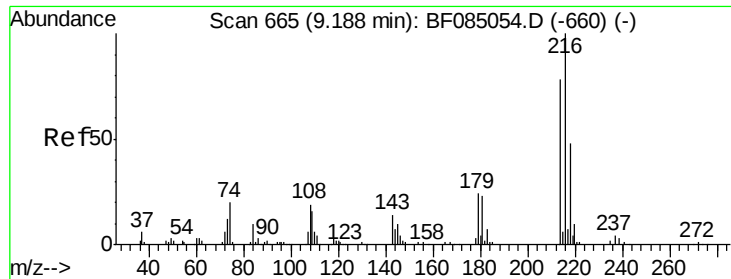
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.1	121.7
160	45.8	37.4	56.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.26 ng

RT: 9.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

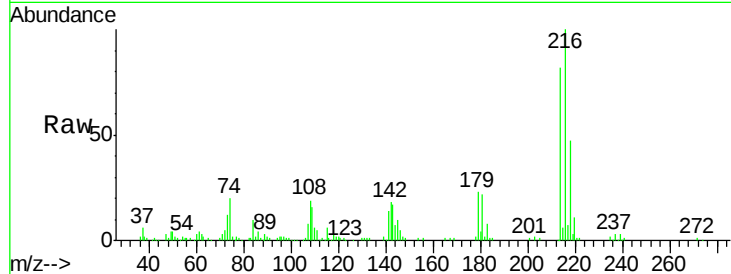
ClientSampleId :

SSTDCCC040EC

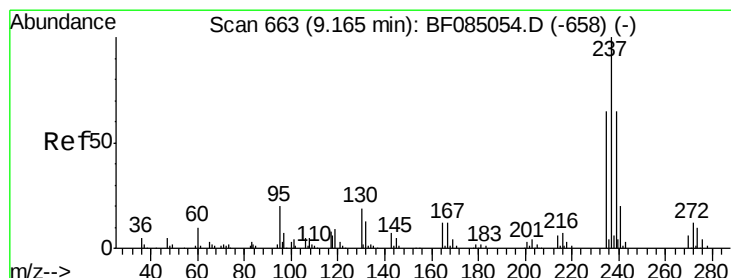
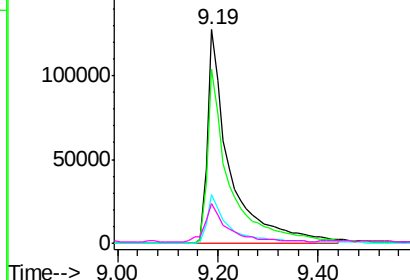
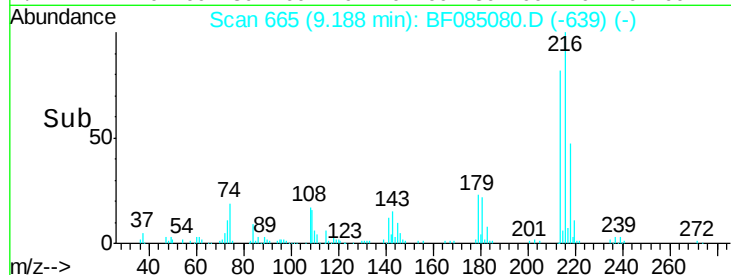
Tot Ion	Ratio	Resp	Lower	Upper
216	100	393302		
214	80.3	62.2	93.2	
179	22.7	18.1	27.1	
108	17.8	15.7	23.5	

Manual Integrations
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.86 ng

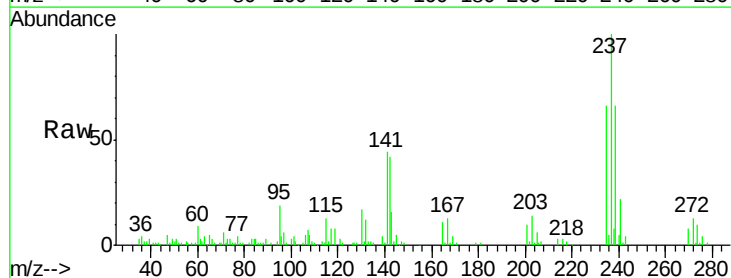
RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

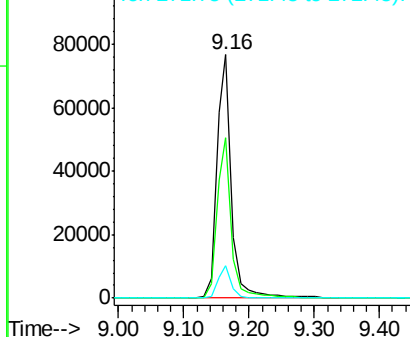
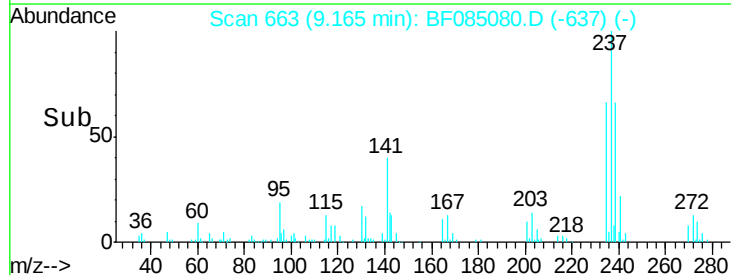
Lab File: BF085080.D

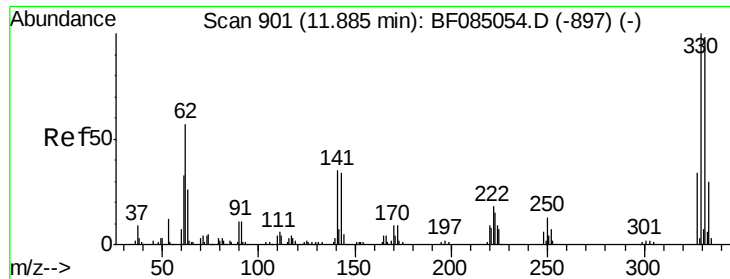
Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	121079		
235	66.0	44.8	84.8	
272	13.3	0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





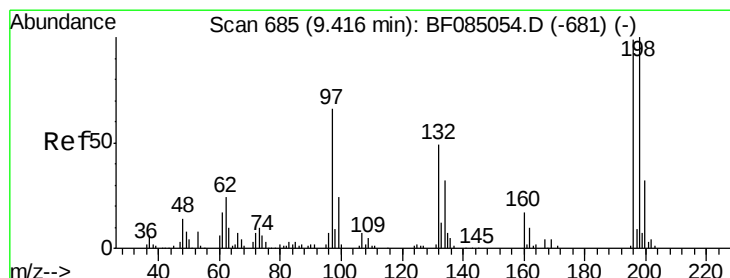
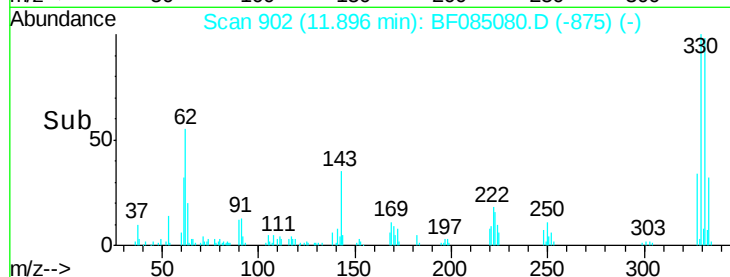
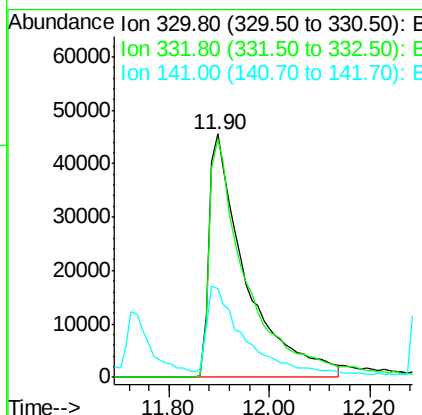
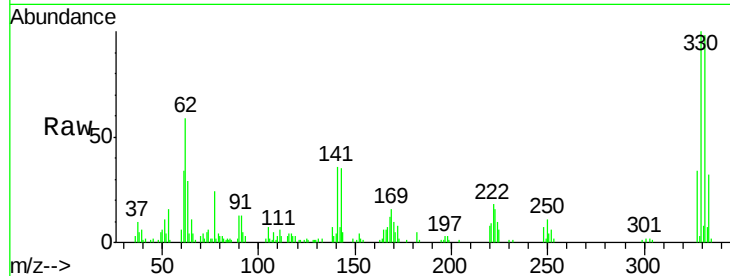
#41
 2,4,6-Tribromophenol
 Concen: 76.01 ng
 RT: 11.90 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	231625		
332	97.0		78.5	117.7
141	33.1		28.6	42.8

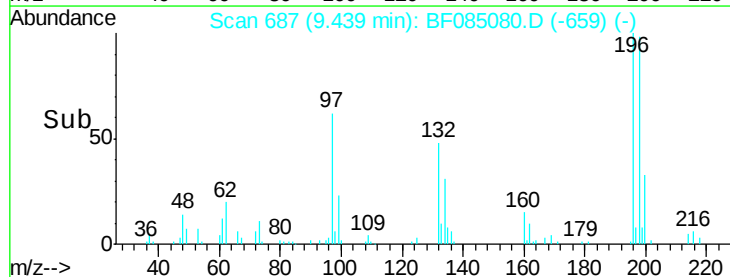
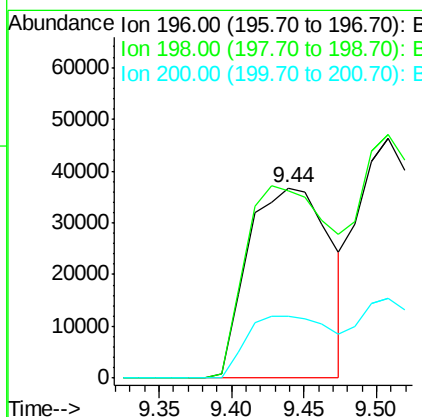
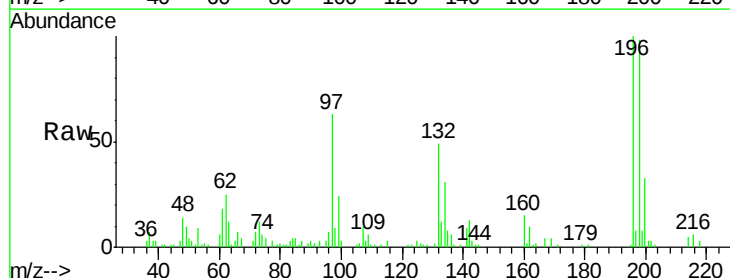
Manual Integrations
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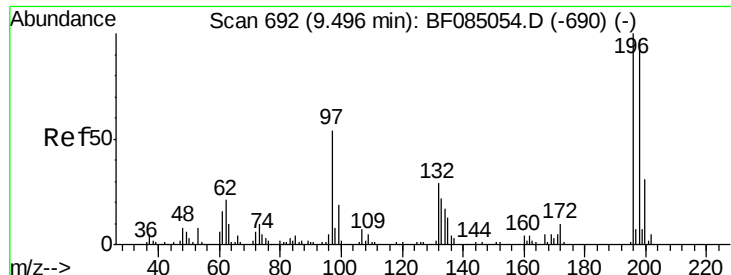
Sohil
 2/15/2016 4:45:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 27.37 ng
 RT: 9.44 min Scan# 687
 Delta R.T. 0.02 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	143859		
198	98.4		81.0	121.6
200	32.5		26.3	39.5





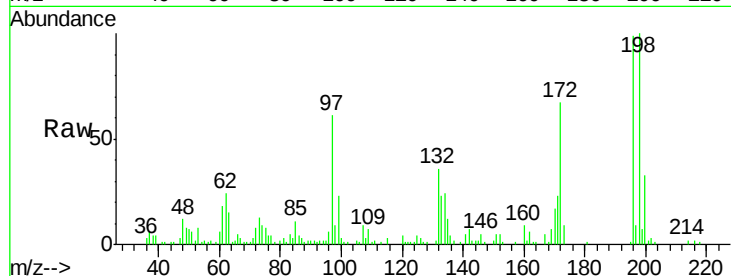
#43
 2,4,5-Trichlorophenol
 Concen: 39.11 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	239226		
198	101.3	79.7	119.5	
97	61.4	47.0	70.4	
132	36.7	26.4	39.6	

Manual Integrations
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 2/15/2016 4:45:06 PM



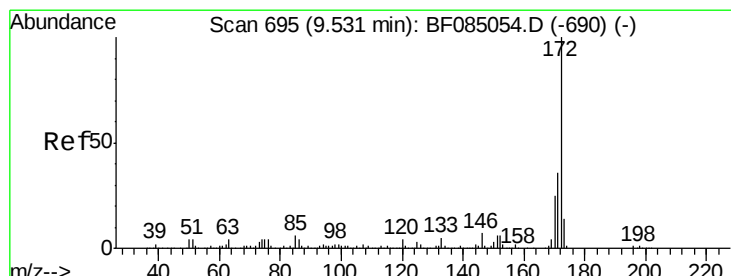
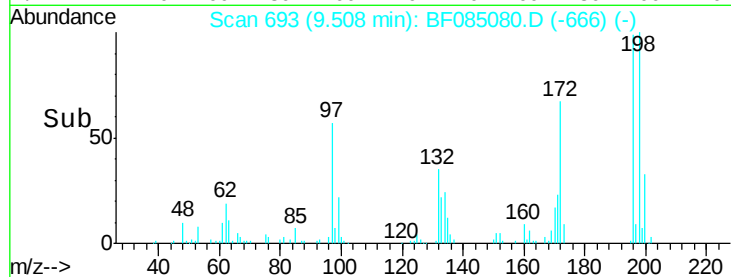
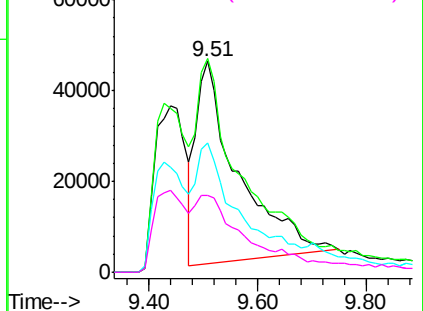
Abundance

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: 84.16 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

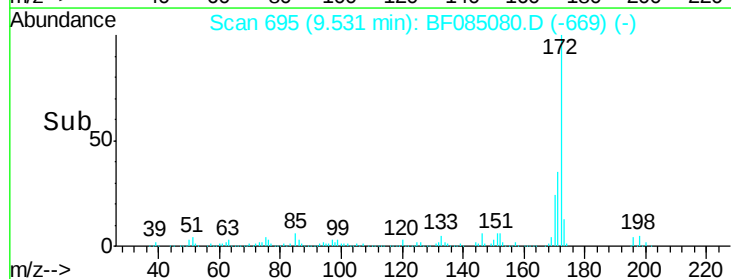
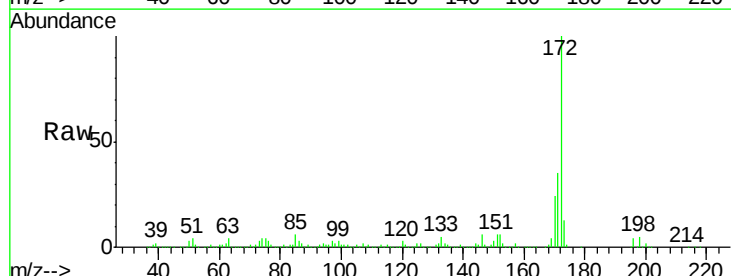
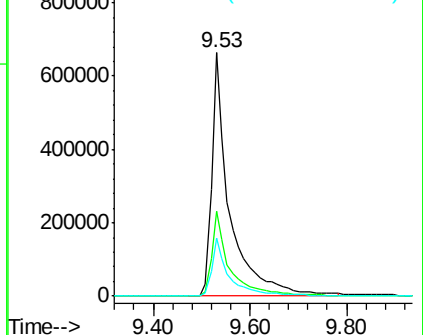
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1737110		
171	34.8	29.1	43.7	
170	23.6	19.6	29.4	

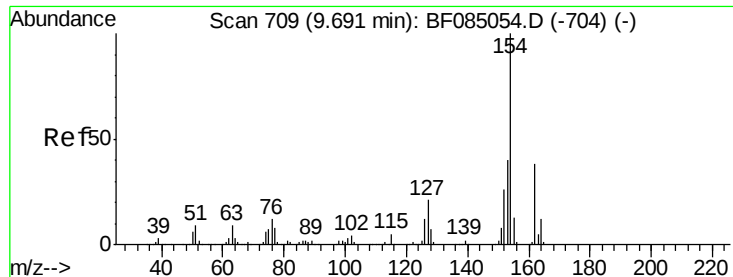
Abundance

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: 41.38 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1110595

Ion Ratio Lower Upper

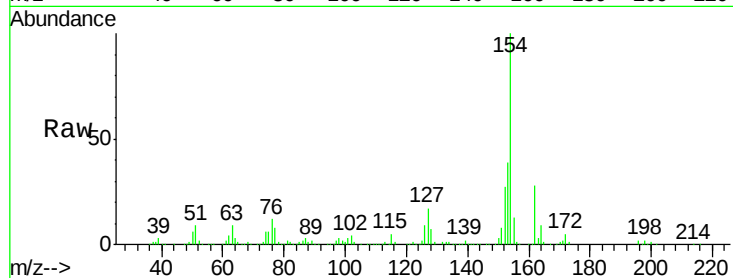
154 100

153 39.1 19.9 59.9

76 11.7 0.0 31.6

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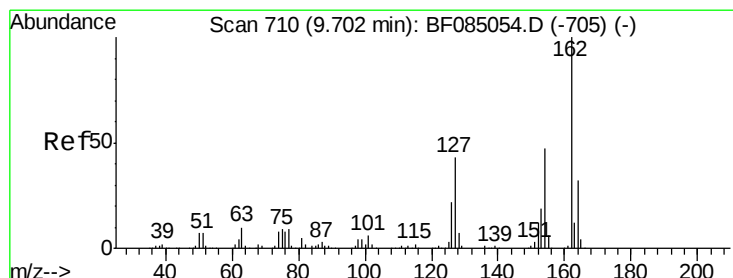
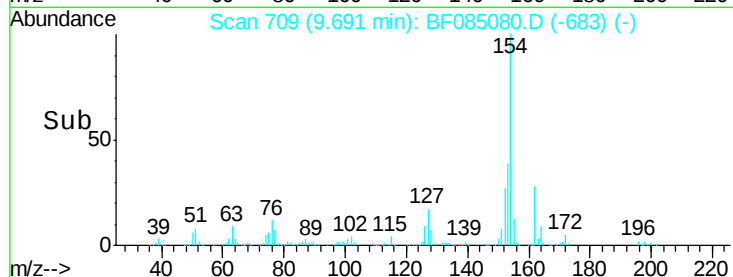
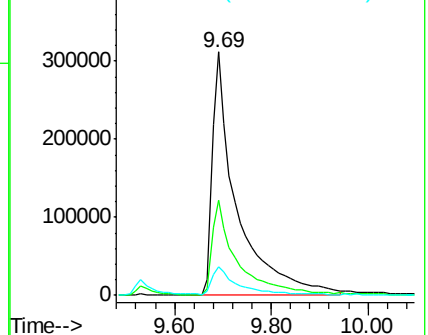
Sohil
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 40.96 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

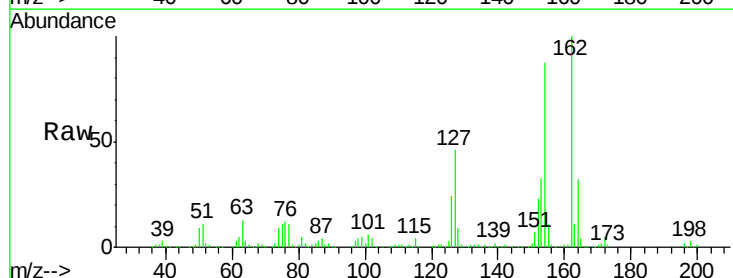
Tgt Ion:162 Resp: 778817

Ion Ratio Lower Upper

162 100

127 46.3 34.8 52.2

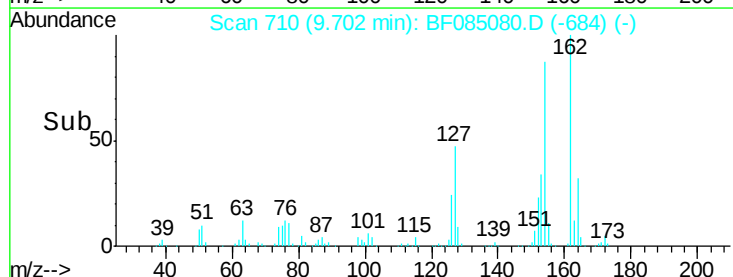
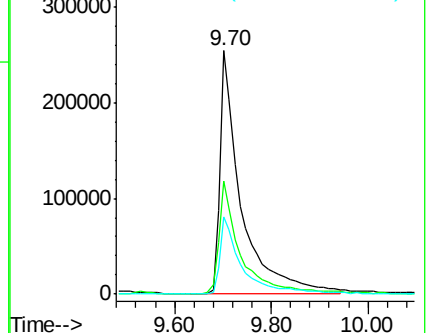
164 31.7 25.8 38.6

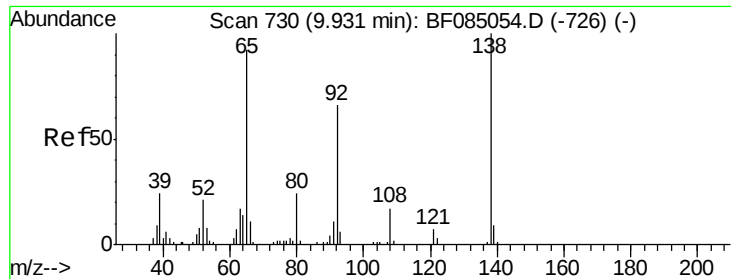


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.14 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.06 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

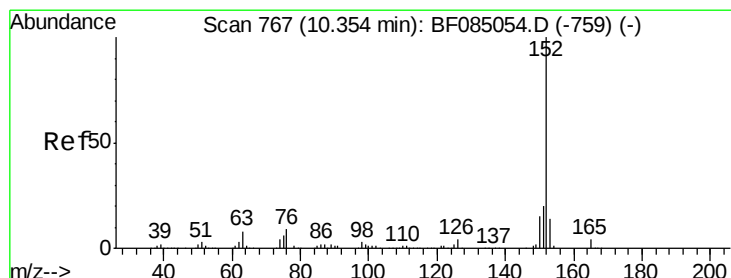
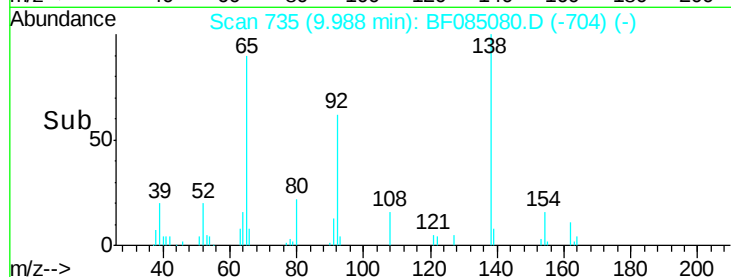
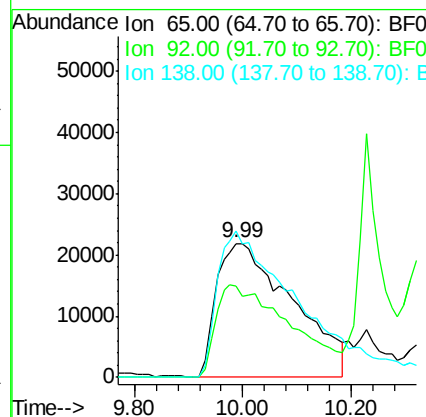
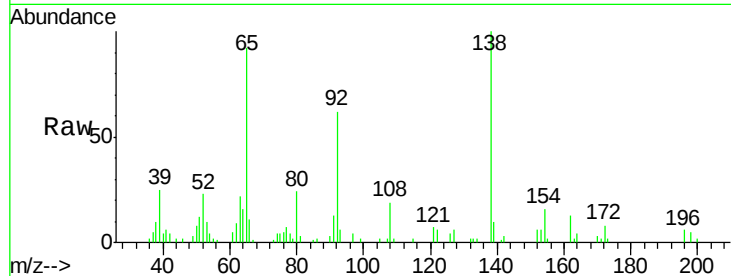
ClientSampleId :

SSTDCCC040EC

Tot Ion:	65	Resp:	212143
Ion Ratio	Lower	Upper	
65	100		
92	68.0	57.1	85.7
138	109.0	86.8	130.2

Manual Integrations
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#48

Acenaphthylene

Concen: 40.19 ng

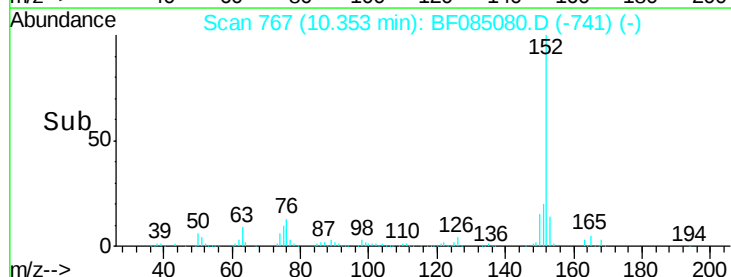
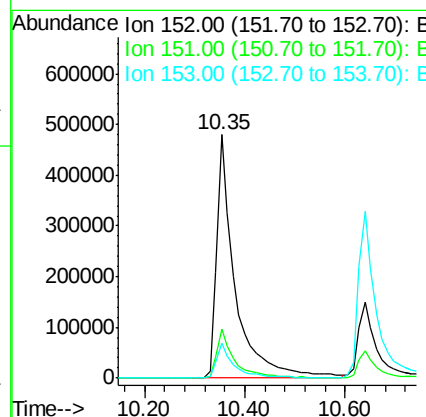
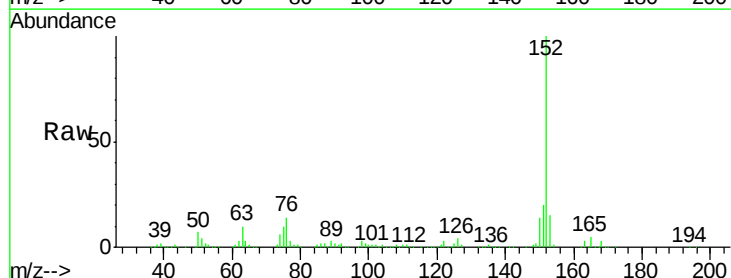
RT: 10.35 min Scan# 767

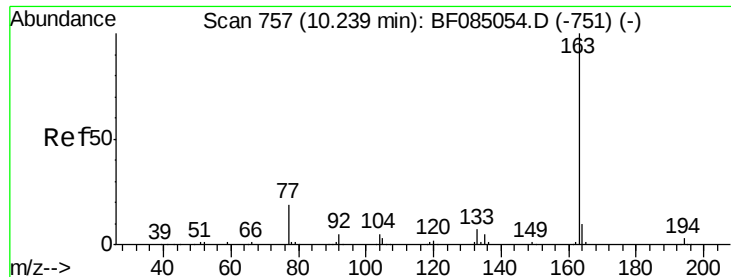
Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	152	Resp:	1213362
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.0	24.0
153	14.6	11.1	16.7





#49

Dimethylphthalate

Concen: 39.40 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

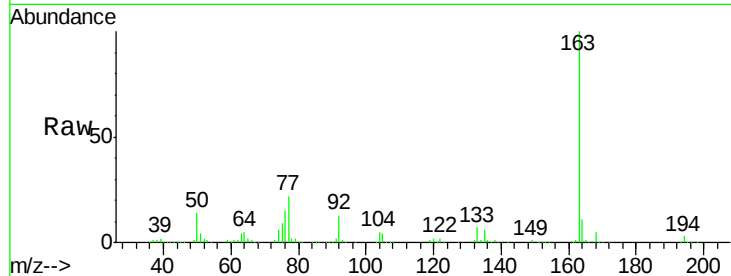
ClientSampleId :

SSTDCCC040EC

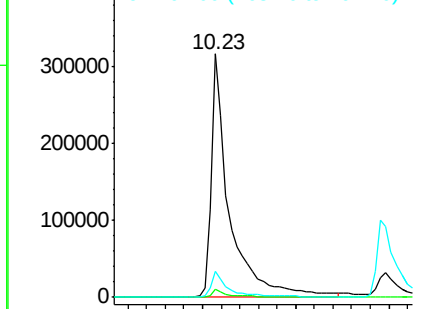
Tot Ion:	163	Resp:	871640
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.5	3.7
164	10.5	7.8	11.8

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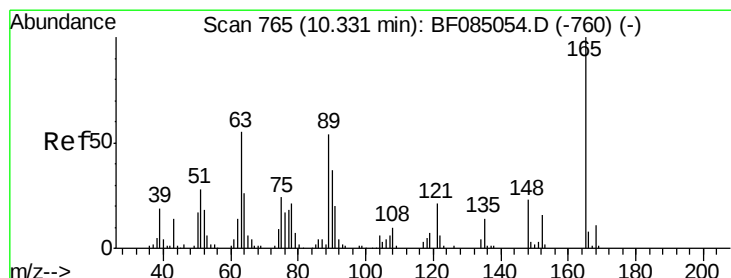
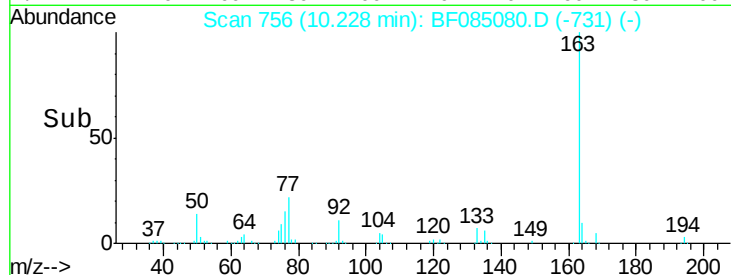
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->



#50

2,6-Dinitrotoluene

Concen: 37.87 ng

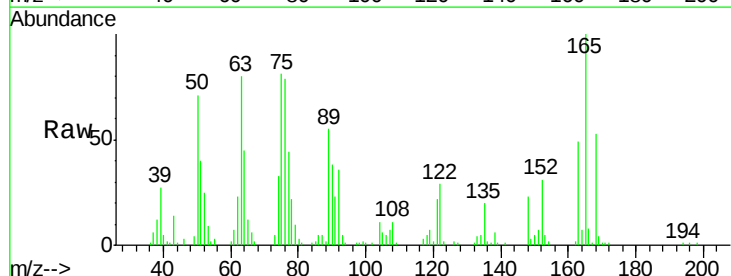
RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

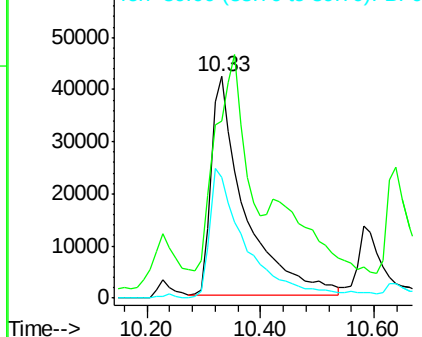
Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

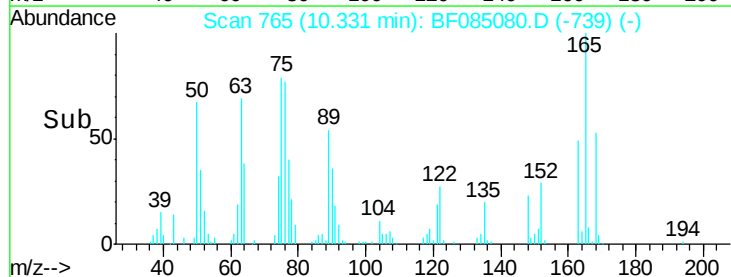
Tgt Ion:	165	Resp:	171863
Ion Ratio	Lower	Upper	
165	100		
63	80.2	47.5	71.3#
89	54.7	42.9	64.3

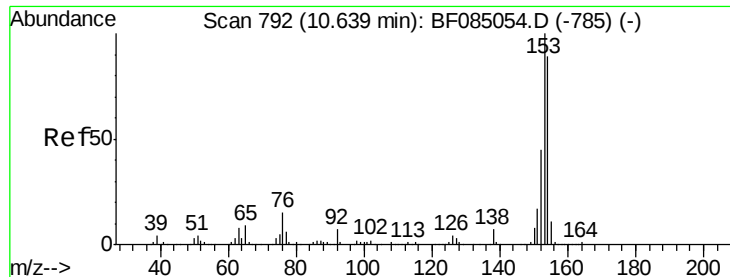


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0



Time-->





#51

Acenaphthene

Concen: 41.36 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

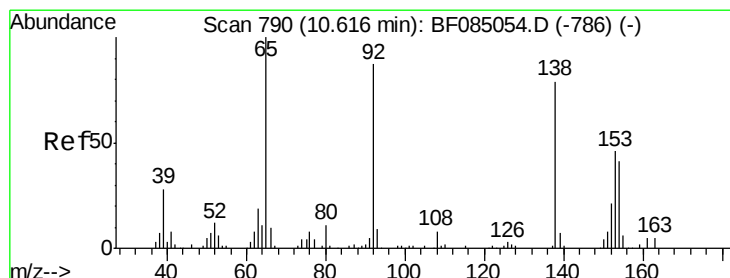
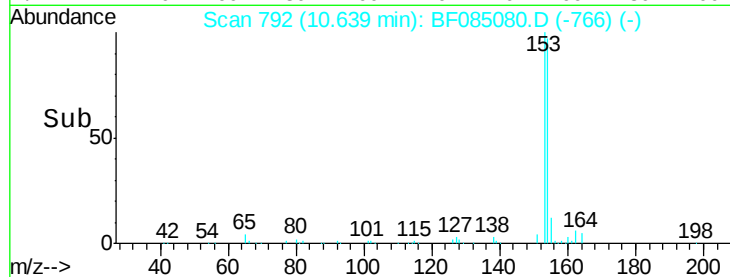
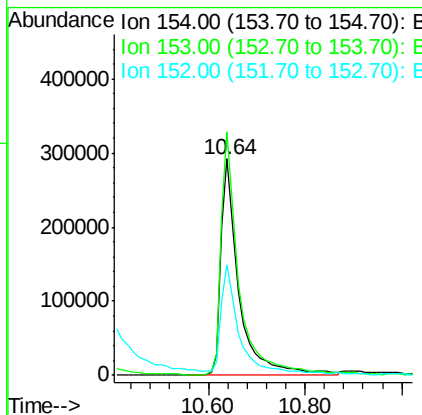
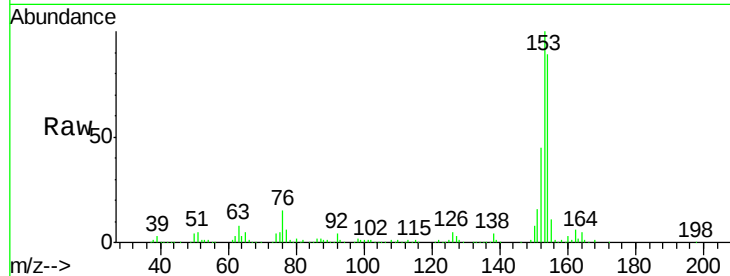
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	755032
Ion Ratio	Lower	Upper	
154	100		
153	112.6	89.5	134.3
152	51.2	40.7	61.1

Manual Integrations
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#52

3-Nitroaniline

Concen: 38.63 ng m

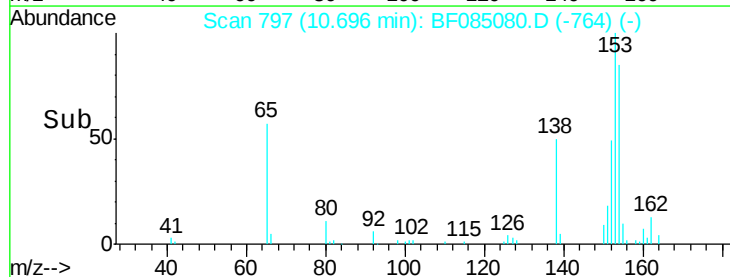
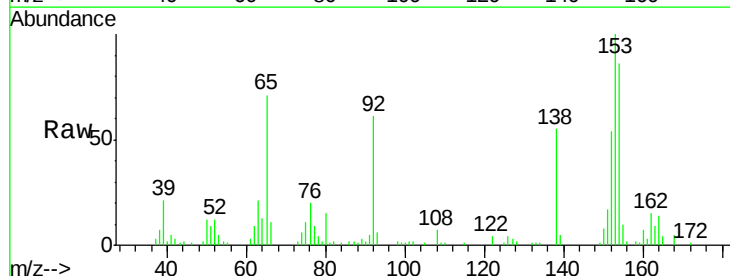
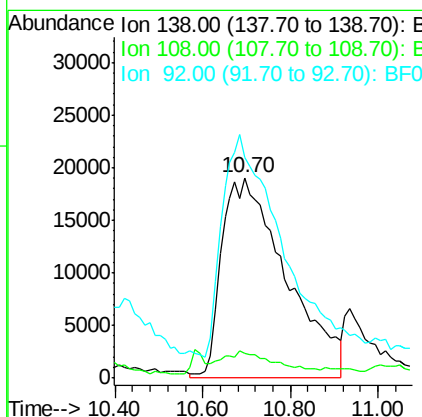
RT: 10.70 min Scan# 797

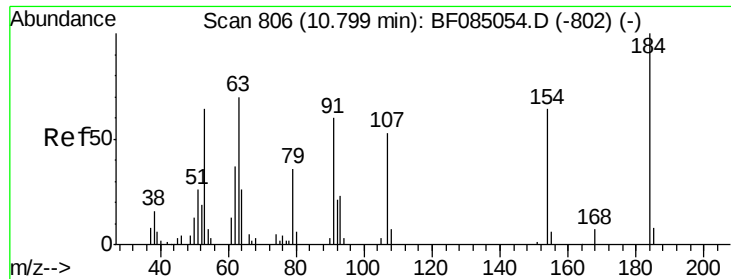
Delta R.T. 0.08 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	138	Resp:	194803
Ion Ratio	Lower	Upper	
138	100		
108	12.6	9.1	13.7
92	110.2	88.9	133.3





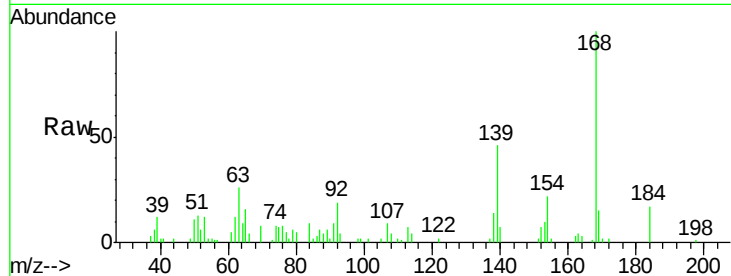
#53
2,4-Dinitrophenol
Concen: 25.18 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.11 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

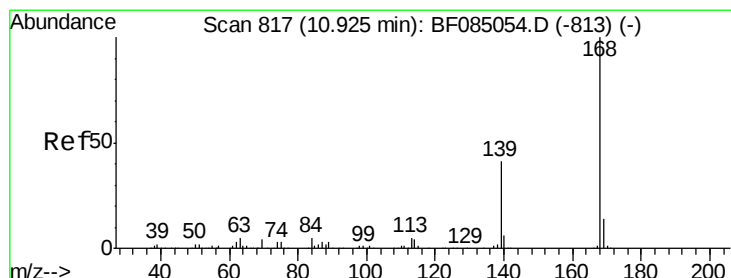
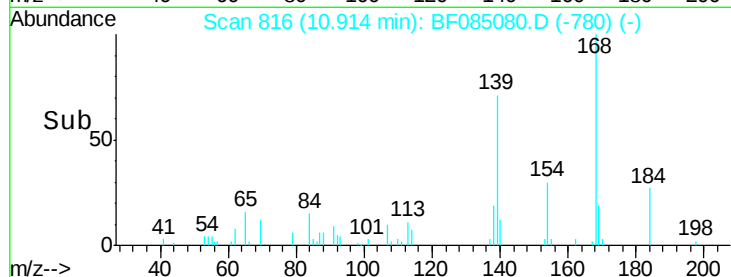
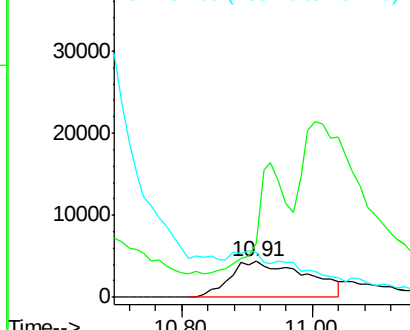
Tot Ion	Ratio	Lower	Upper
184	100		
63	150.8	60.6	90.8#
154	125.1	70.2	105.2#

Manual Integrations
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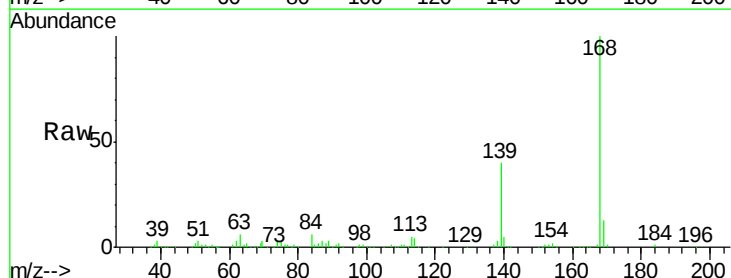


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

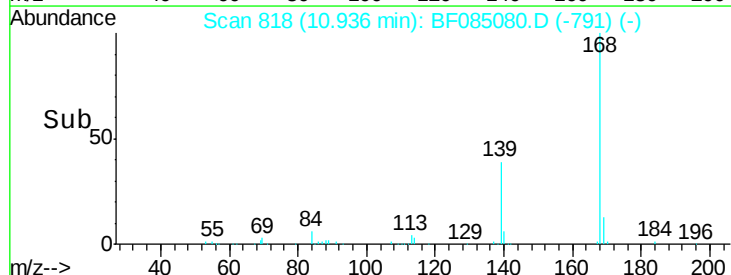
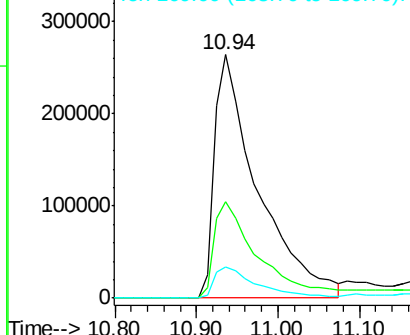


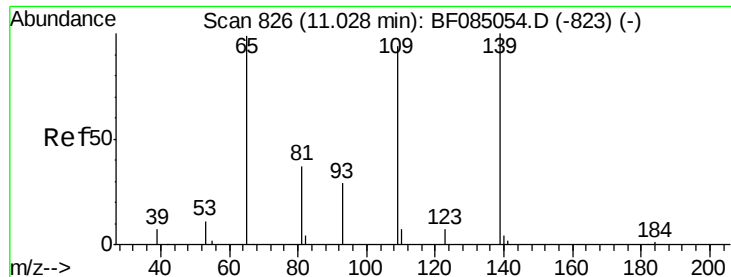
#54
Dibenzofuran
Concen: 39.61 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	33.0	49.4
169	13.0	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: 123.73 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.09 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

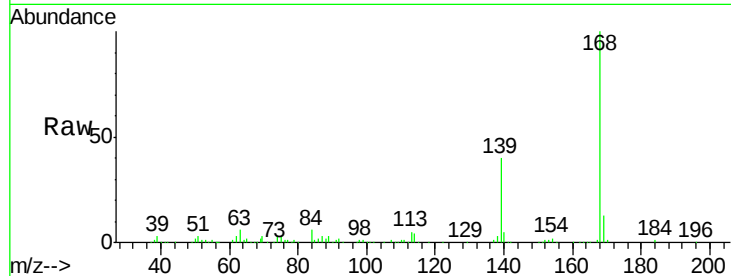
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.7	88.7#
65	4.1	78.8	118.8#

Manual Integrations
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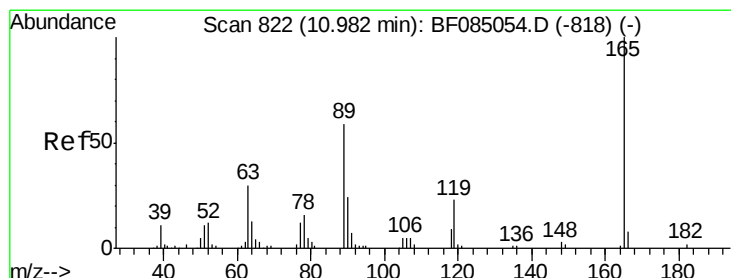
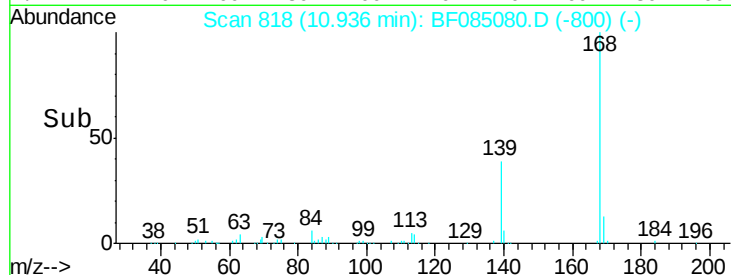
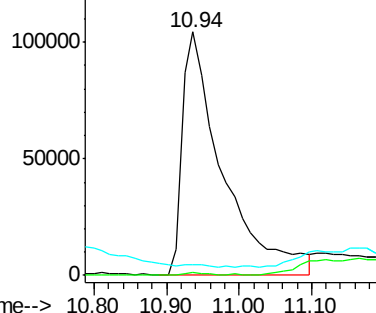
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.00 ng

RT: 11.02 min Scan# 825

Delta R.T. 0.03 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

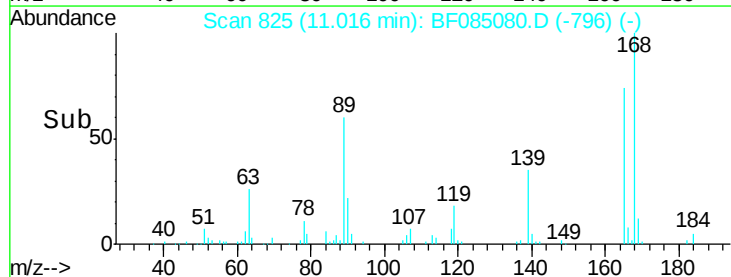
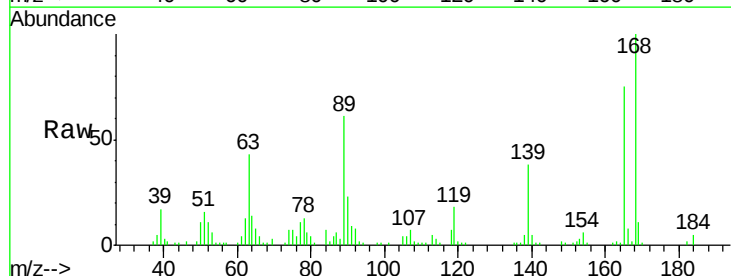
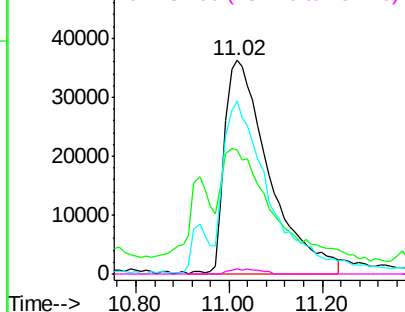
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.1	36.6	55.0#
89	81.2	54.4	81.6
182	2.1	1.6	2.4

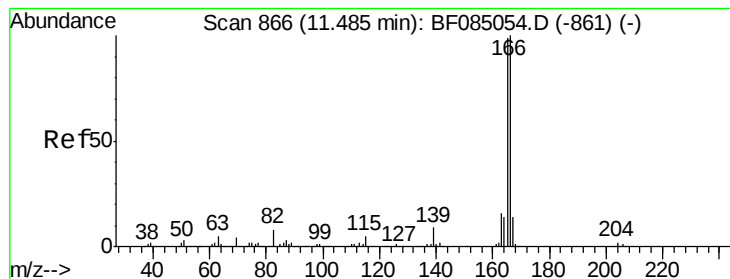
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.27 ng

RT: 11.48 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

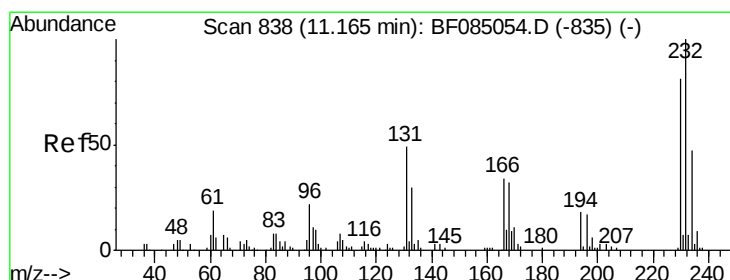
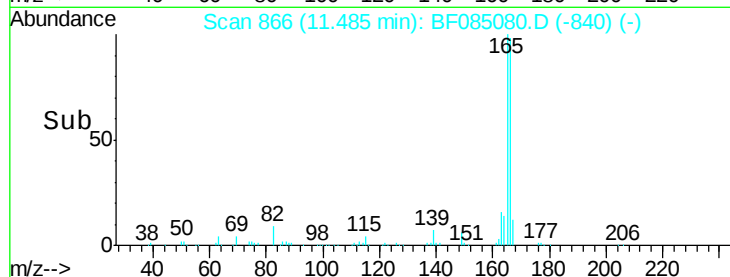
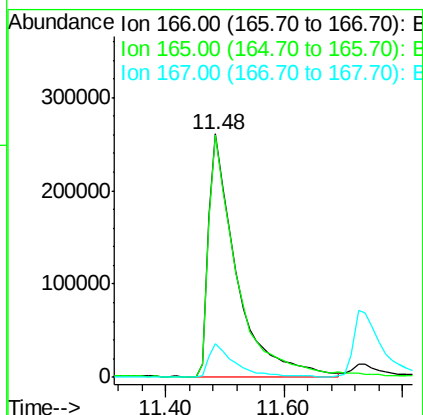
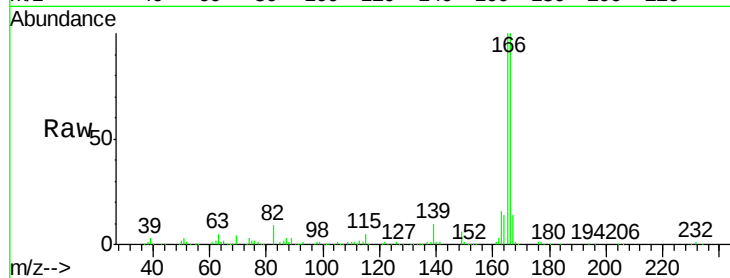
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	843359
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.9	118.3
167	13.6	10.9	16.3

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.51 ng

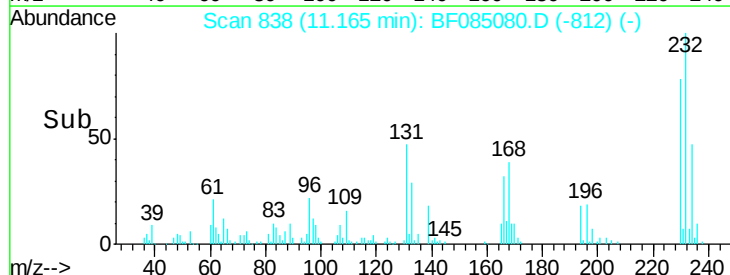
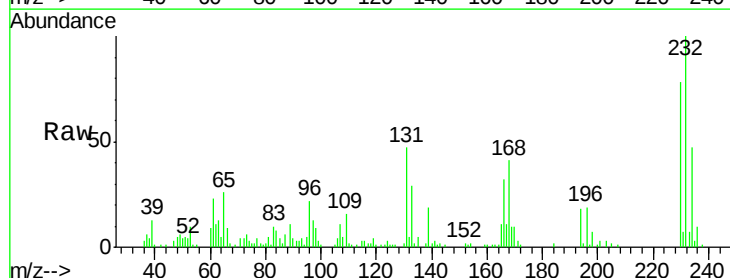
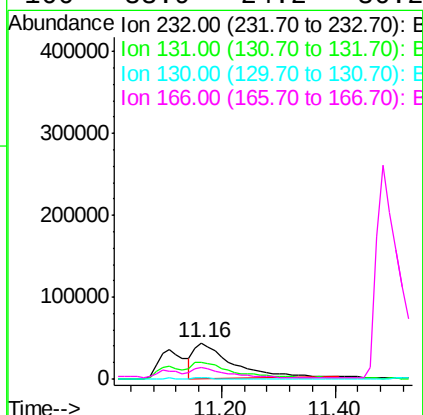
RT: 11.16 min Scan# 838

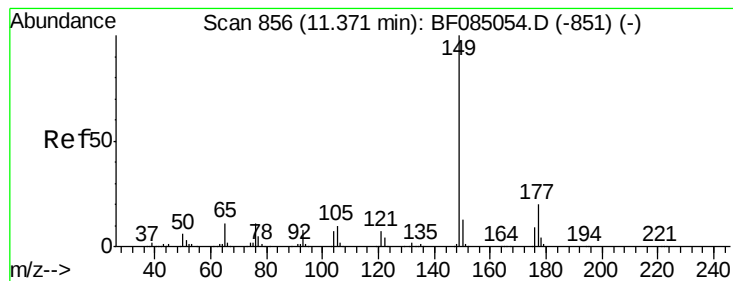
Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	232	Resp:	200801
Ion Ratio	Lower	Upper	
232	100		
131	49.1	39.7	59.5
130	2.0	1.8	2.8
166	33.9	24.2	36.2





#59

Diethylphthalate

Concen: 40.09 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

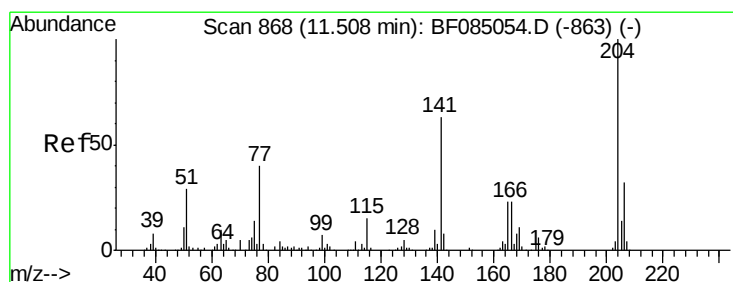
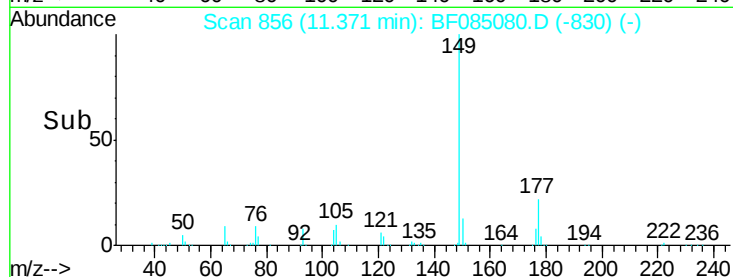
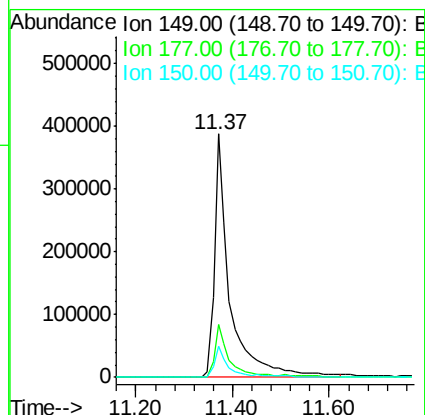
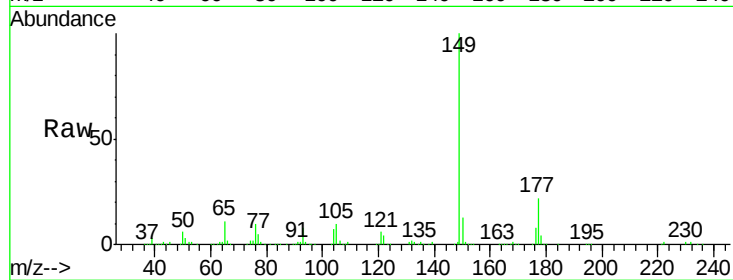
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	878697
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.4	24.6
150	12.6	10.2	15.4

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#60

4-Chlorophenyl-phenylether

Concen: 41.52 ng

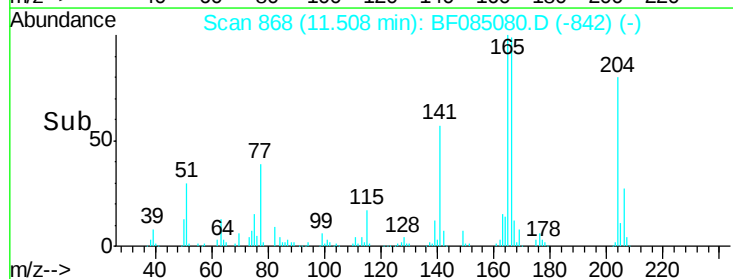
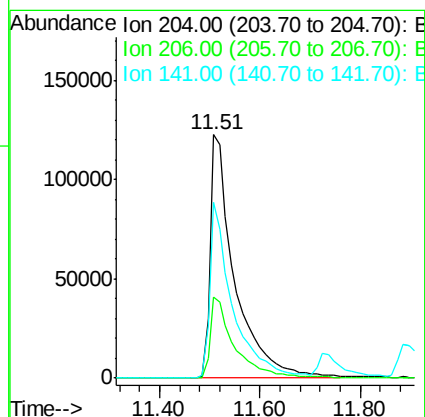
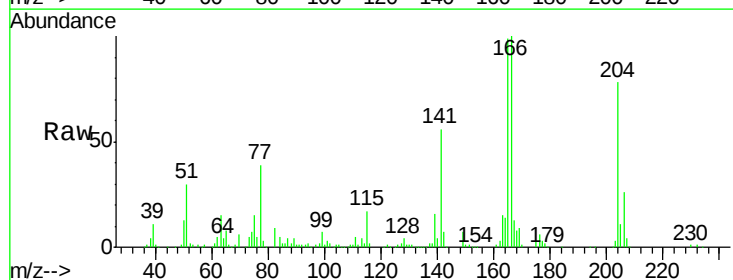
RT: 11.51 min Scan# 868

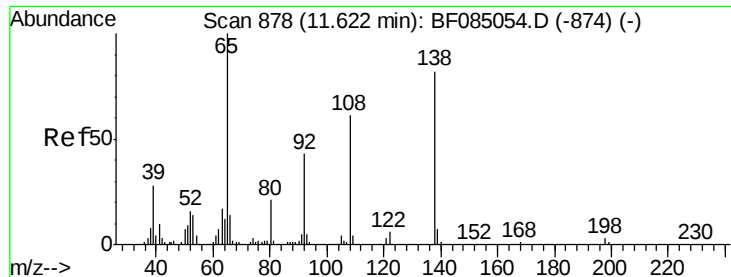
Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	204	Resp:	416611
Ion Ratio	Lower	Upper	
204	100		
206	33.3	25.8	38.6
141	71.9	50.5	75.7





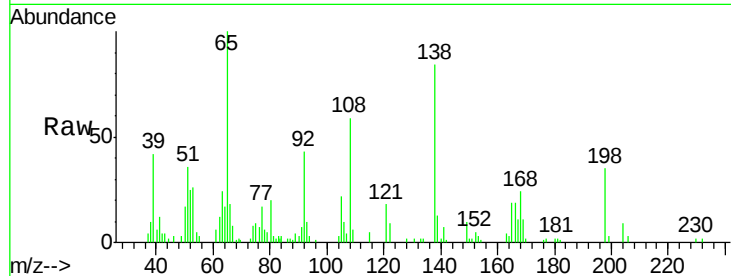
#61
4-Nitroaniline
Concen: 33.66 ng
RT: 11.70 min Scan# 885
Delta R.T. 0.08 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

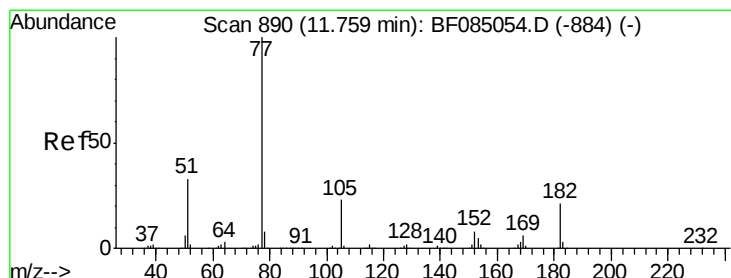
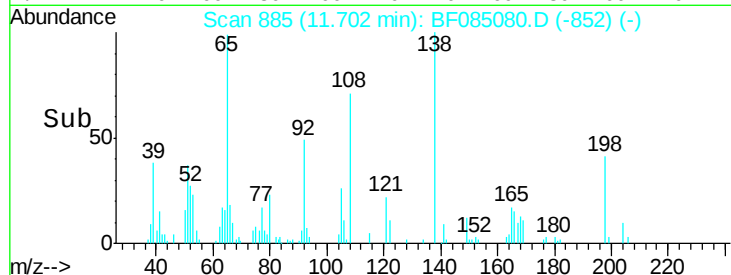
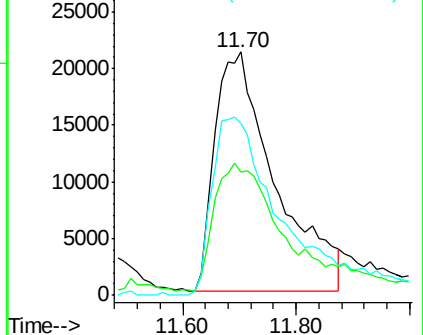
Tot Ion	Ratio	Lower	Upper
138	100		
92	50.9	32.6	72.6
108	70.6	54.6	94.6

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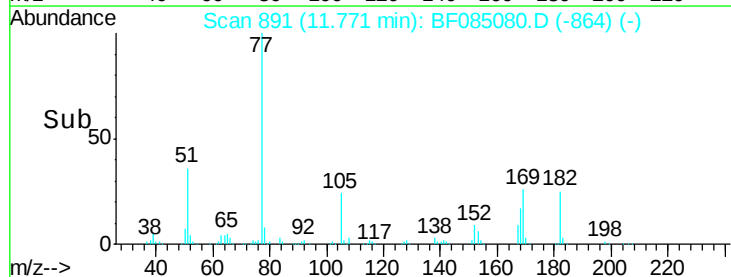
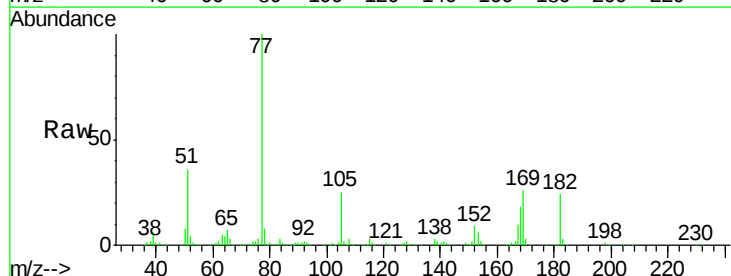
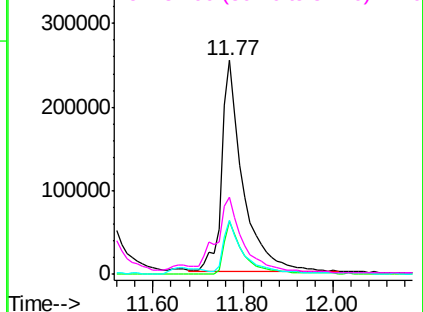
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

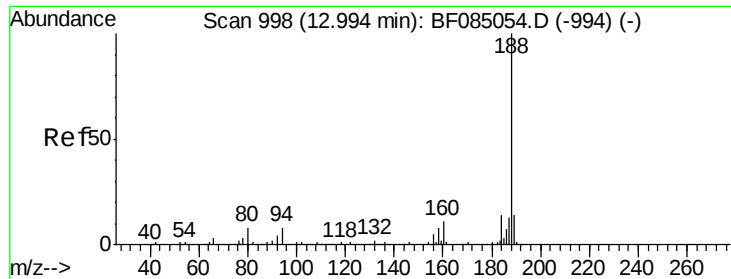


#62
Azobenzene
Concen: 38.20 ng
RT: 11.77 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.3	41.3
105	24.9	4.2	44.2
51	36.1	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: 13.01 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF085080.D

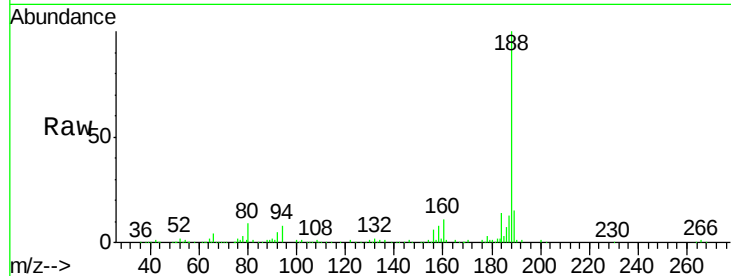
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

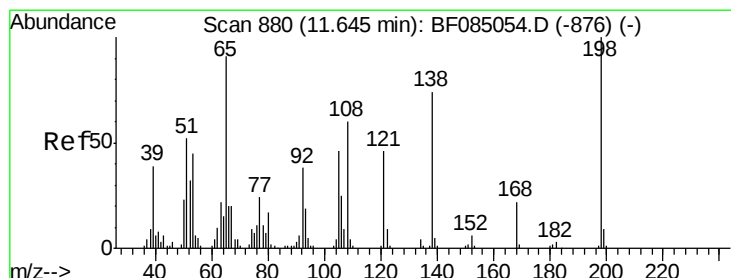
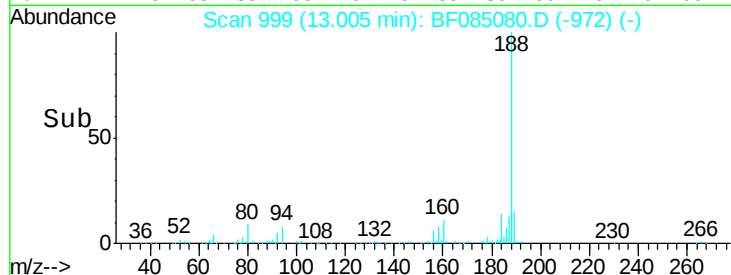
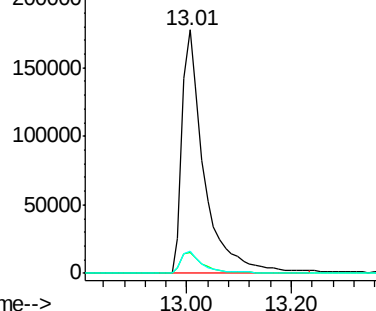
Tot Ion:	188	Resp:	528426
Ion Ratio	Lower	Upper	
188	100		
94	8.5	6.2	9.2
80	8.9	6.6	9.8

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



#64

4,6-Dinitro-2-methylphenol

Concen: 30.36 ng

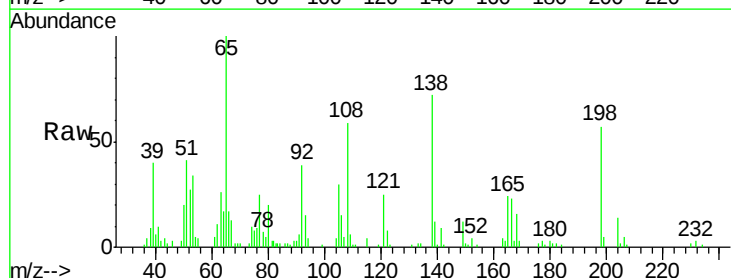
RT: 11.67 min Scan# 882

Delta R.T. 0.02 min

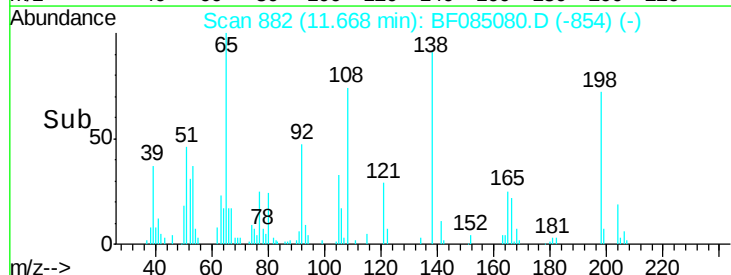
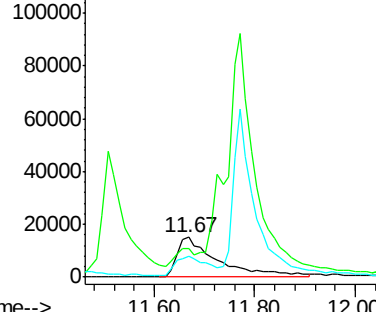
Lab File: BF085080.D

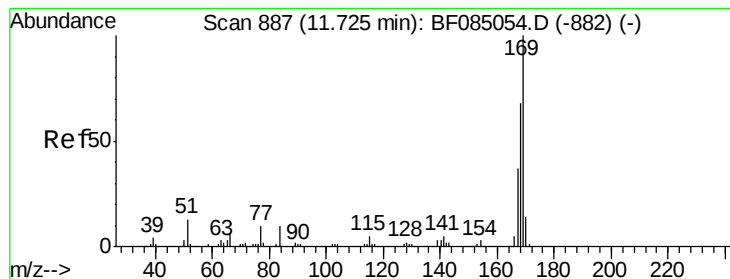
Acq: 13 Feb 2016 12:38

Tgt Ion:	198	Resp:	86220
Ion Ratio	Lower	Upper	
198	100		
51	72.0	34.5	74.5
105	53.3	26.2	66.2



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





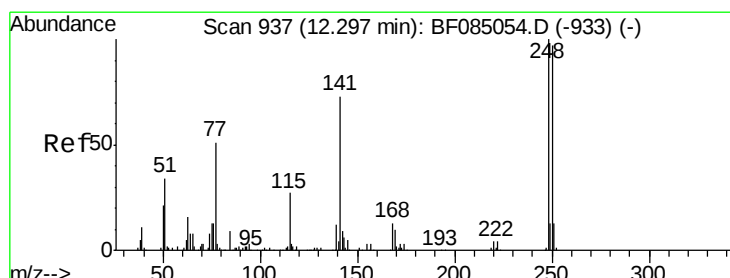
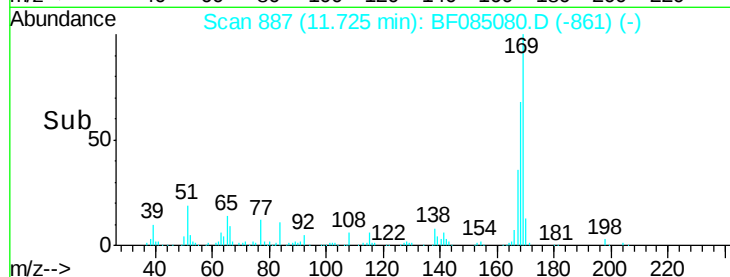
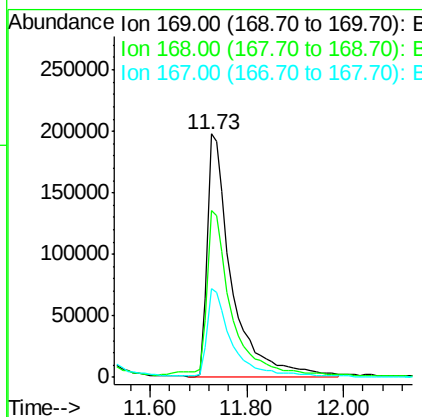
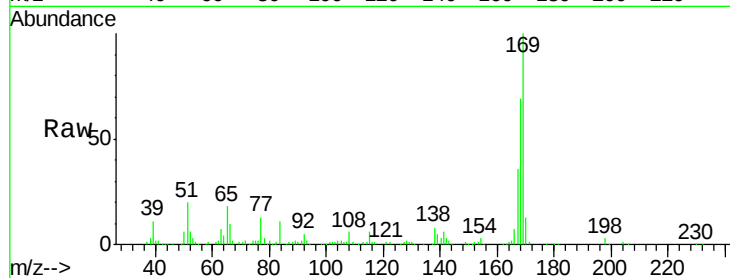
#65
n-Nitrosodiphenylamine
Concen: 41.54 ng
RT: 11.73 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	697035		
168	68.8		54.8	82.2
167	36.4		29.8	44.8

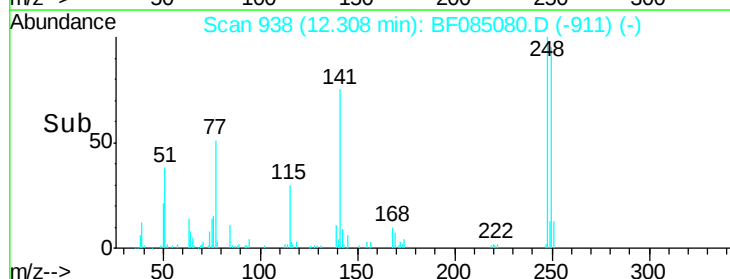
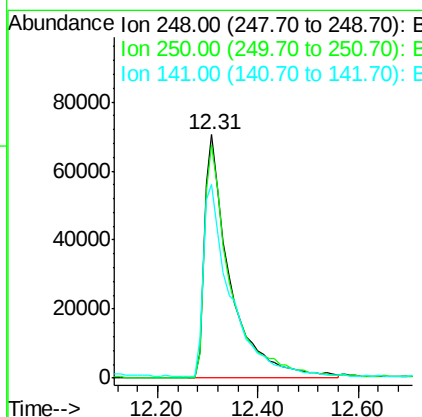
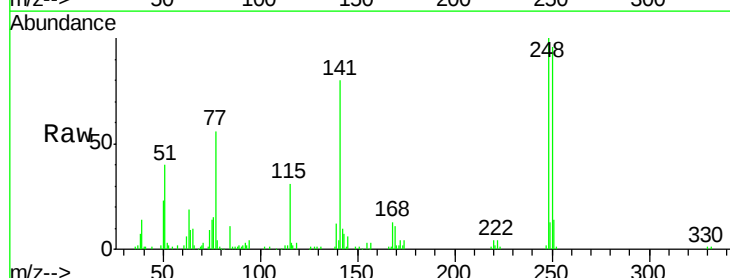
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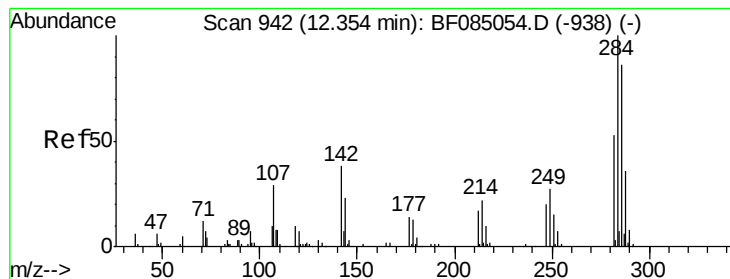
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#66
4-Bromophenyl-phenylether
Concen: 42.23 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	248545		
250	96.1		77.5	116.3
141	79.6		58.2	87.4





#67

Hexachlorobenzene

Concen: 41.29 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

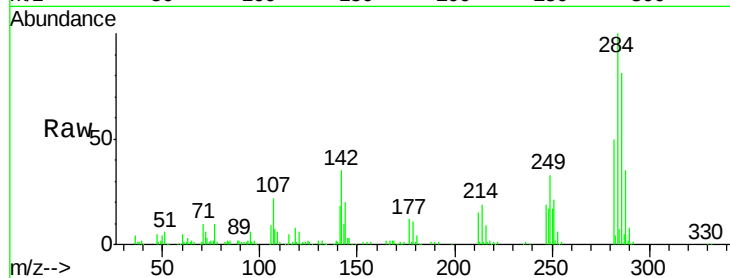
ClientSampleId :

SSTDCCC040EC

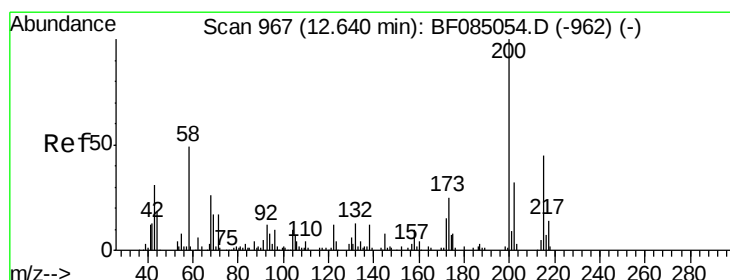
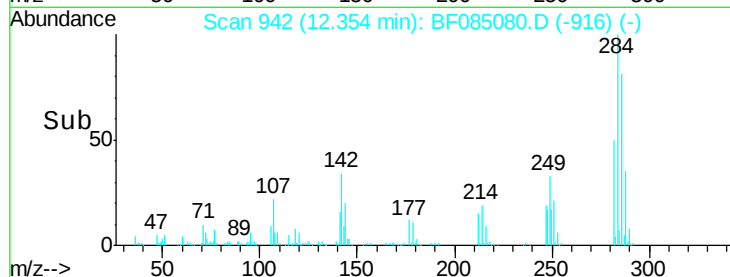
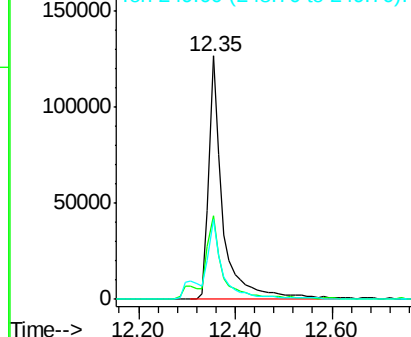
Tot Ion:	284	Resp:	259844
Ion Ratio	Lower	Upper	
284	100		
142	34.5	33.5	50.3
249	32.8	27.4	41.2

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



#68

Atrazine

Concen: 41.27 ng

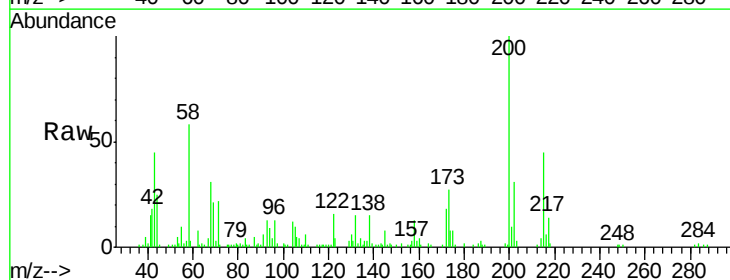
RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

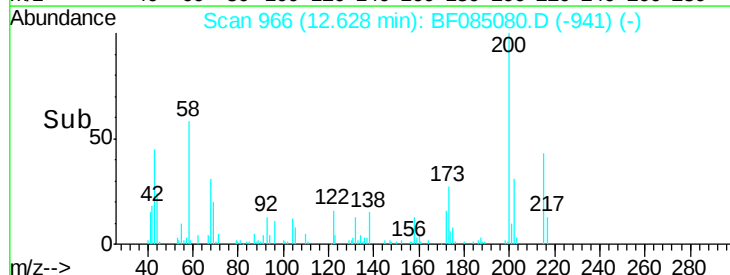
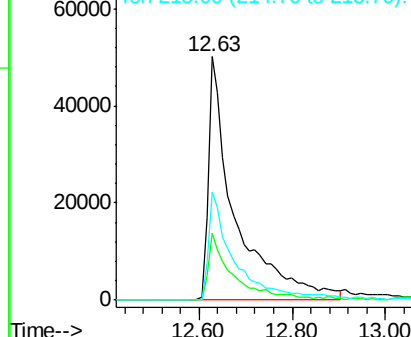
Lab File: BF085080.D

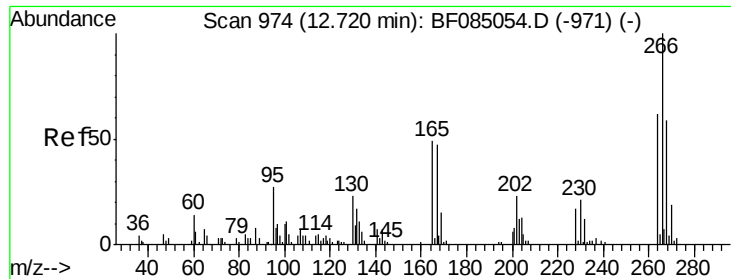
Acq: 13 Feb 2016 12:38

Tgt Ion:	200	Resp:	200677
Ion Ratio	Lower	Upper	
200	100		
173	27.3	4.7	44.7
215	44.6	24.8	64.8



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





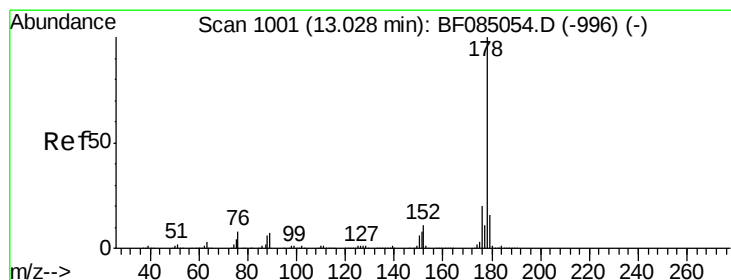
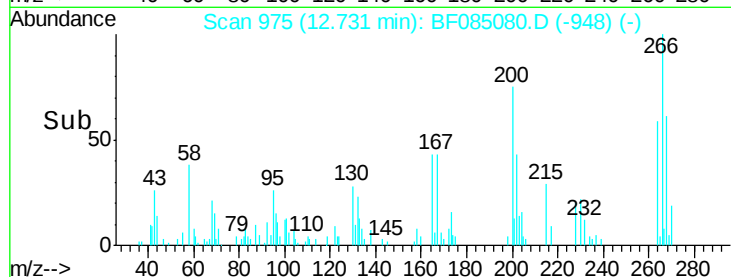
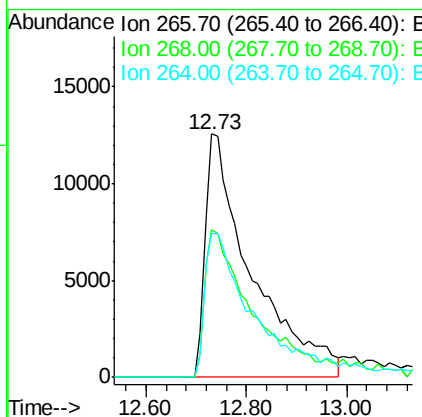
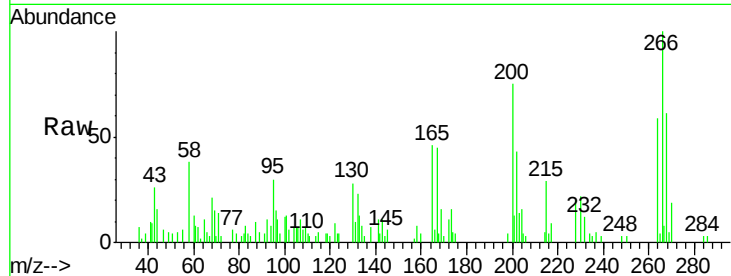
#69
 Pentachlorophenol
 Concen: 32.64 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.9	47.3	70.9
264	58.8	49.8	74.6

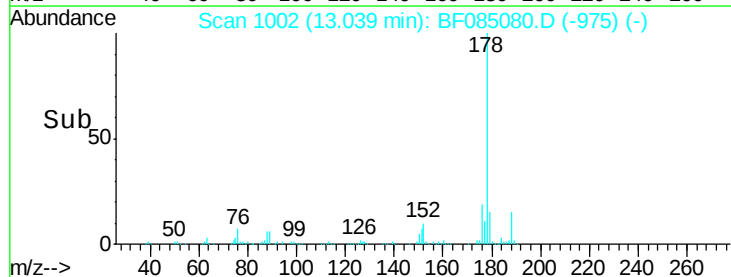
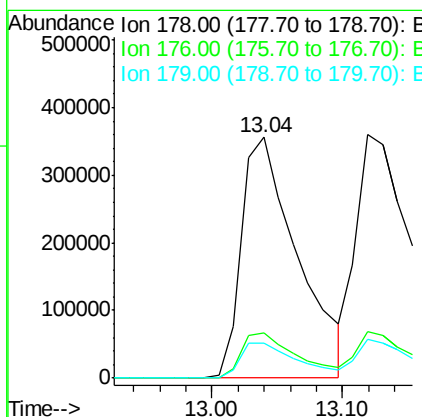
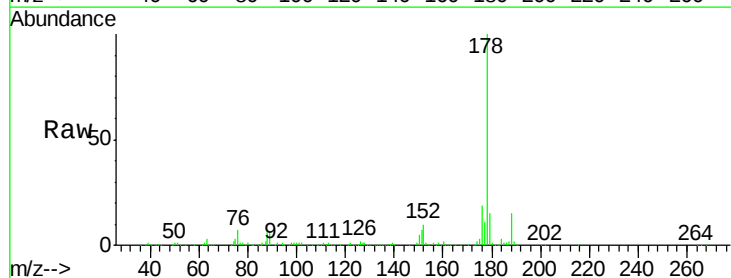
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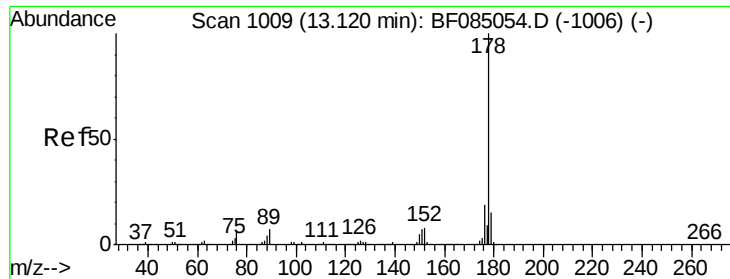
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#70
 Phenanthrene
 Concen: 36.55 ng
 RT: 13.04 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	14.7	13.1	19.7





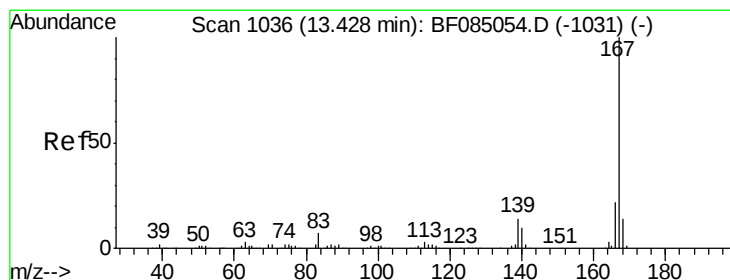
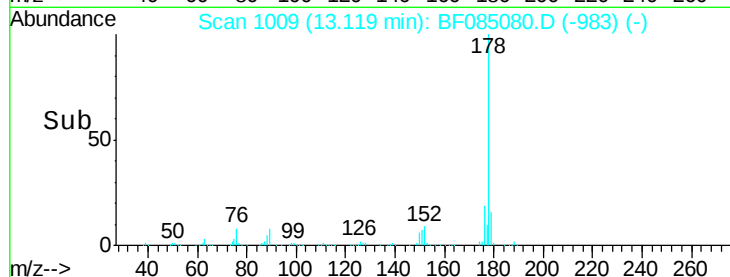
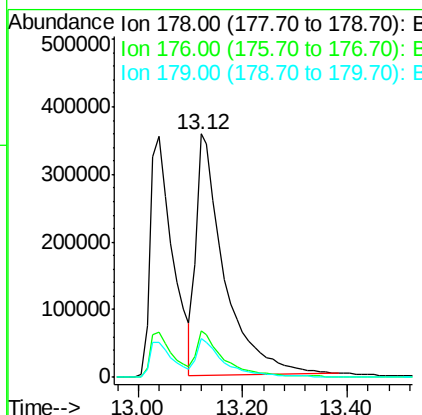
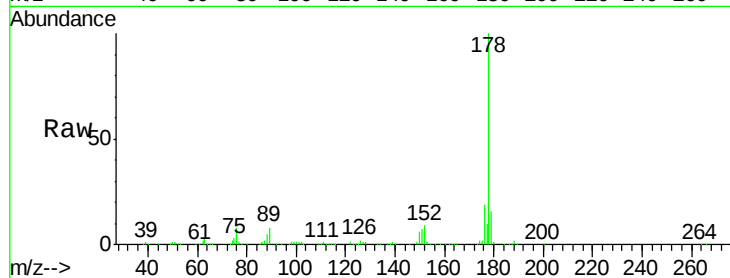
#71
 Anthracene
 Concen: 44.11 ng
 RT: 13.12 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1343032
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.8 22.2
 179 15.8 12.2 18.2

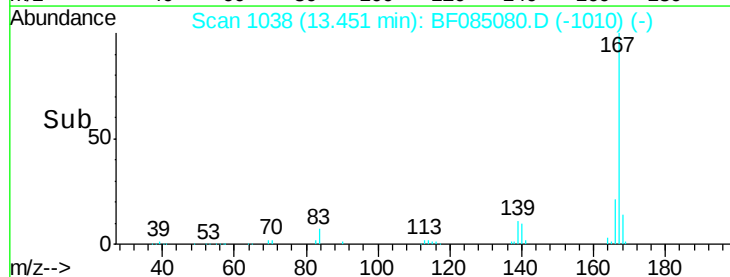
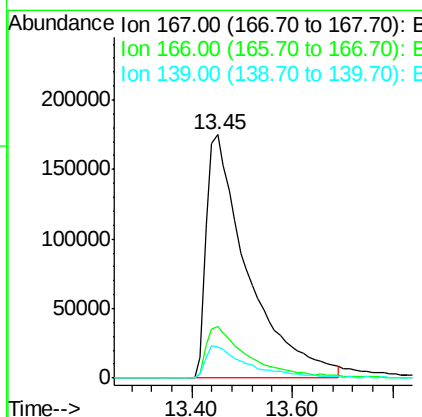
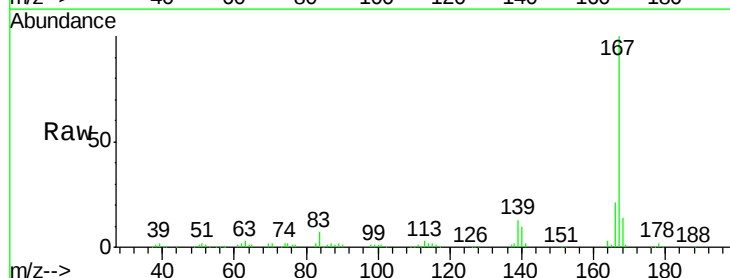
Manual Integrations
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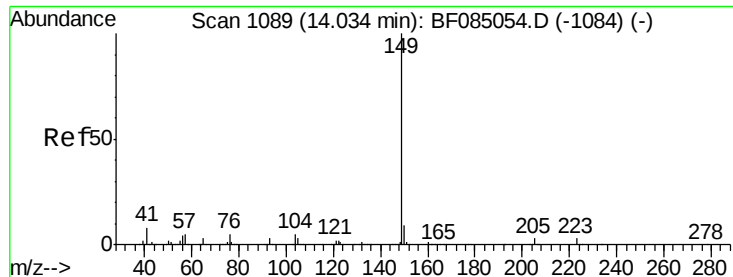
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#72
 Carbazole
 Concen: 40.05 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.02 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Tgt Ion:167 Resp: 1009703
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 13.0 11.0 16.6





#73

Di-n-butylphthalate

Concen: 40.12 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1327611

Ion Ratio Lower Upper

149 100

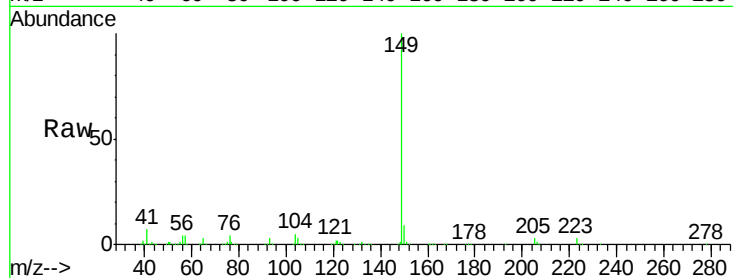
150 9.2 7.5 11.3

104 4.7 4.2 6.2

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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

800000

600000

400000

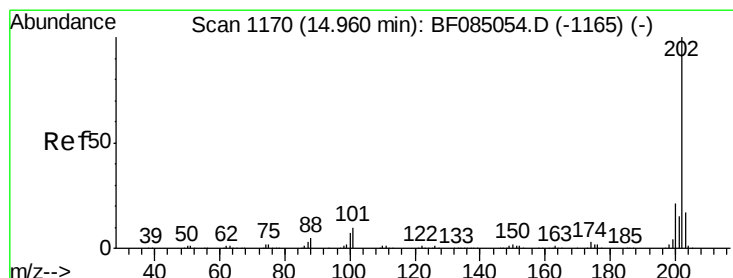
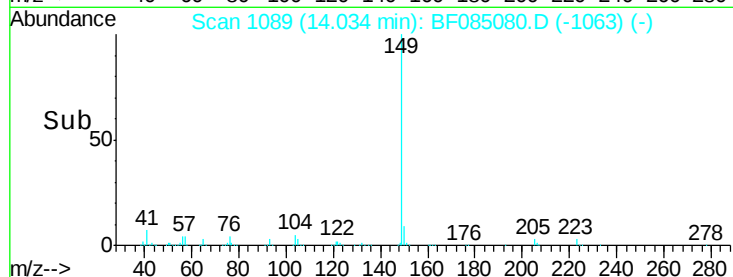
200000

0

14.03

14.00 14.20 14.40

Time-->



#74

Fluoranthene

Concen: 40.15 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

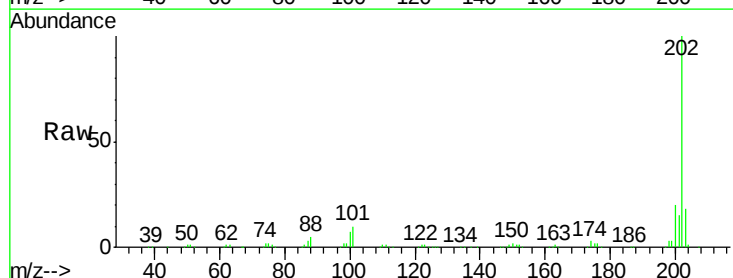
Tgt Ion:202 Resp: 1165621

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.8

203 17.7 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

500000

400000

300000

200000

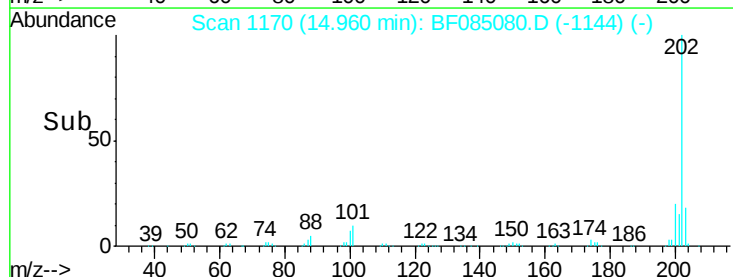
100000

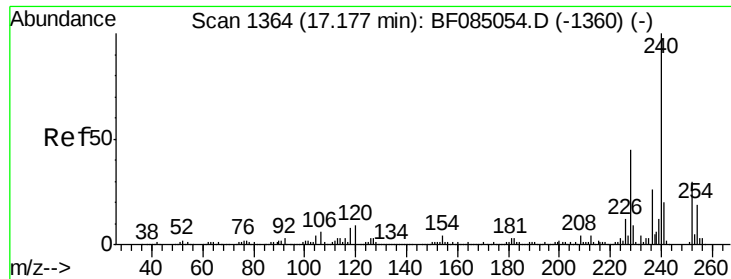
0

14.96

14.80 15.00 15.20

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

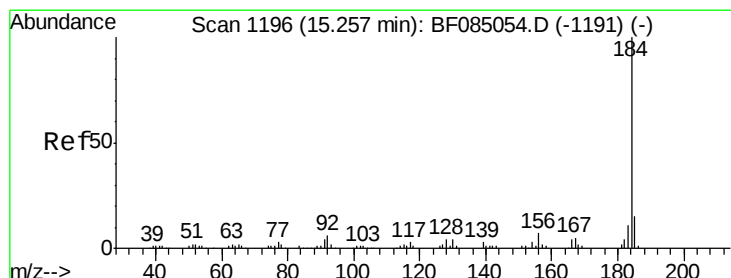
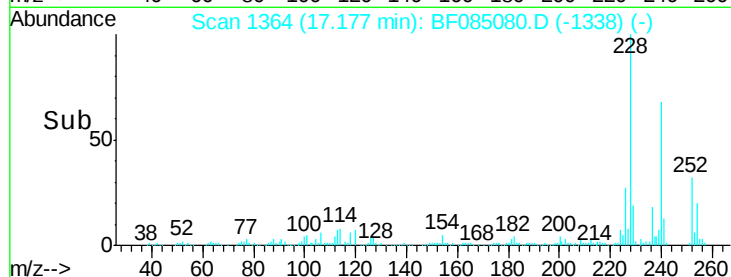
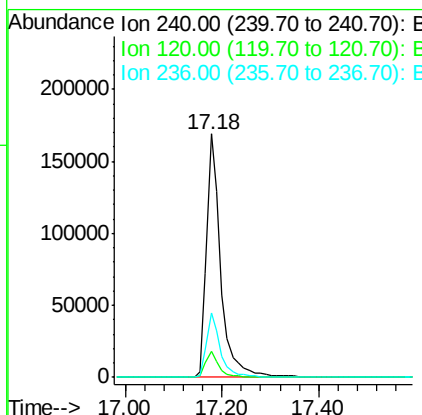
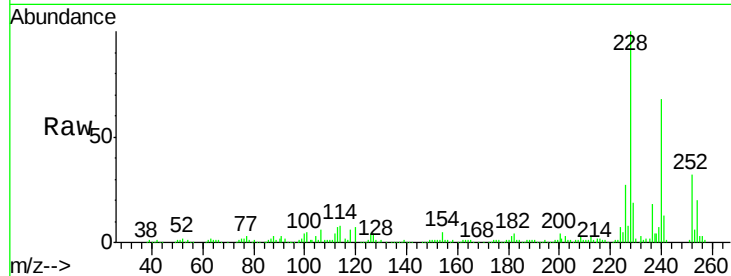
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	348718
Ion Ratio	Lower	Upper	
240	100		
120	10.8	7.0	10.6#
236	26.7	20.5	30.7

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#76

Benzidine

Concen: 13.41 ng

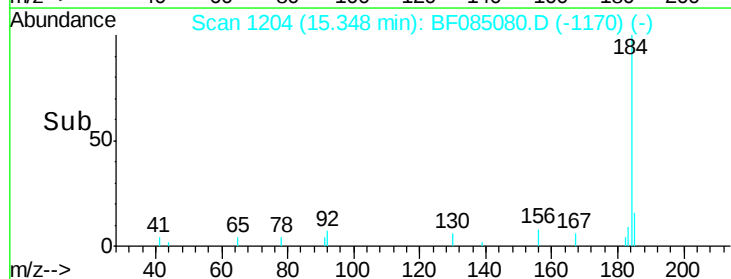
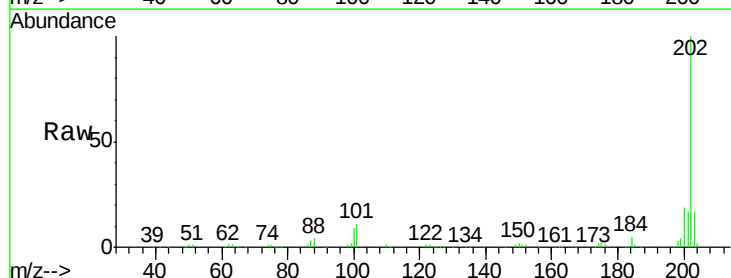
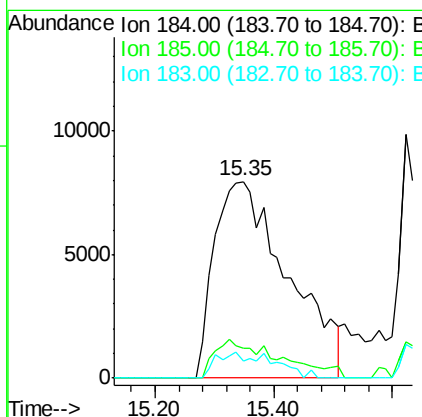
RT: 15.35 min Scan# 1204

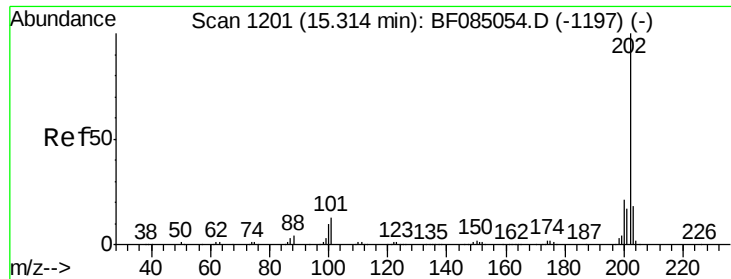
Delta R.T. 0.09 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	184	Resp:	68660
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.8	17.8
183	9.0	8.6	12.8





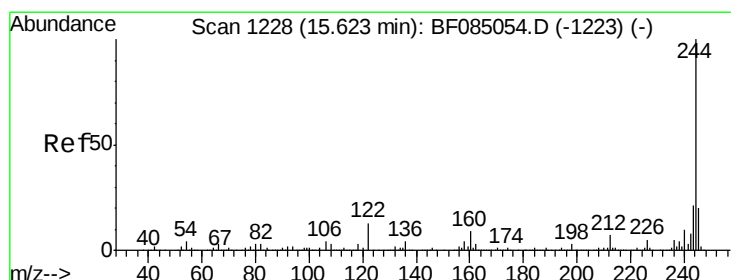
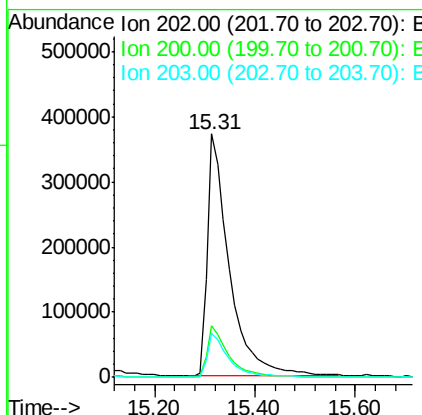
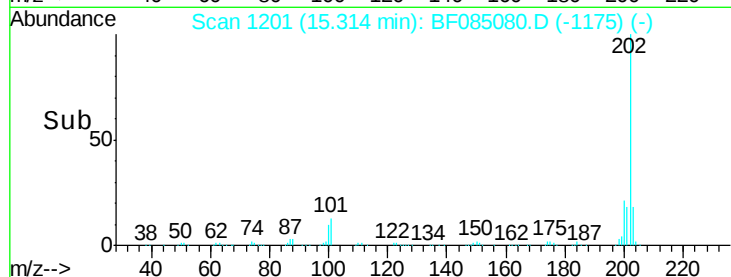
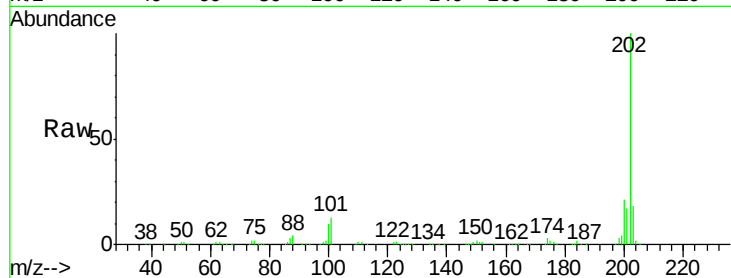
#77
Pvrene
Concen: 40.15 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.9	14.2	21.4

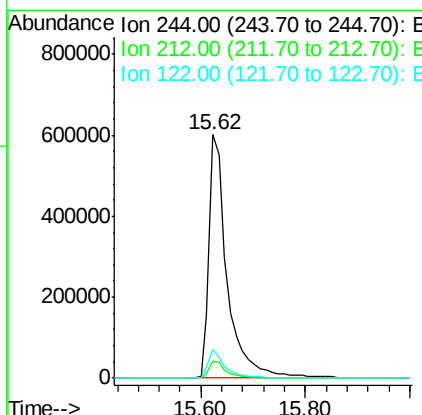
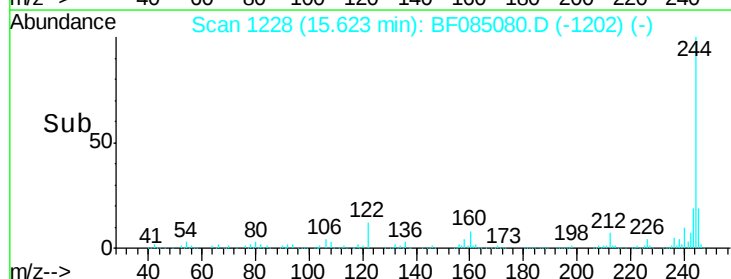
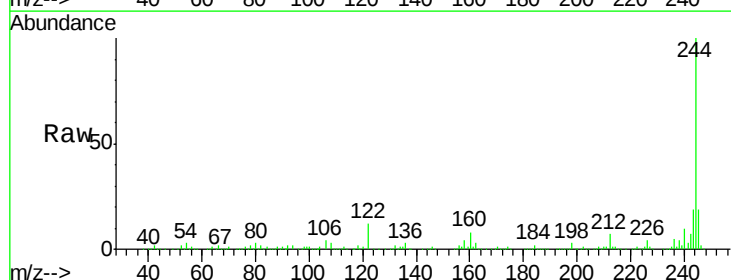
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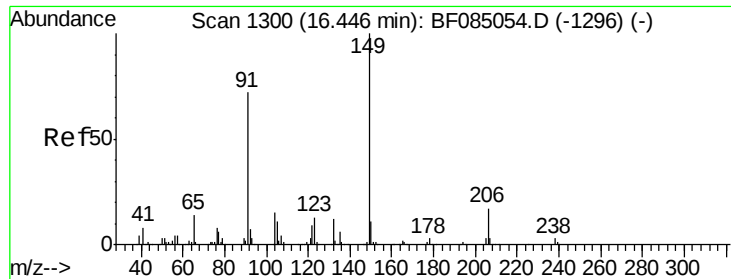
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#78
Terphenyl-d14
Concen: 86.50 ng
RT: 15.62 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.9	10.1	15.1





#79

Butylbenzylphthalate

Concen: 42.67 ng

RT: 16.45 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

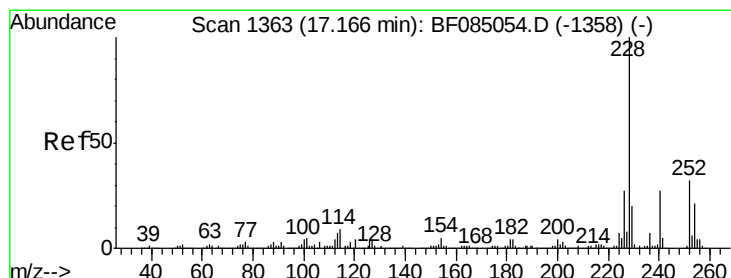
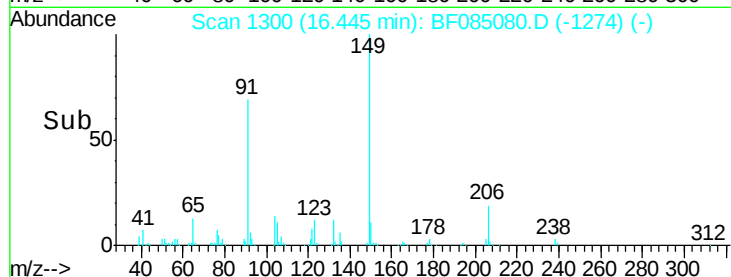
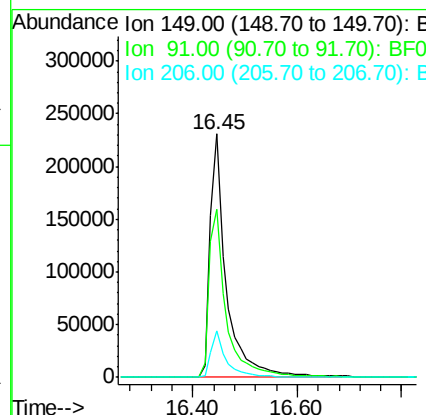
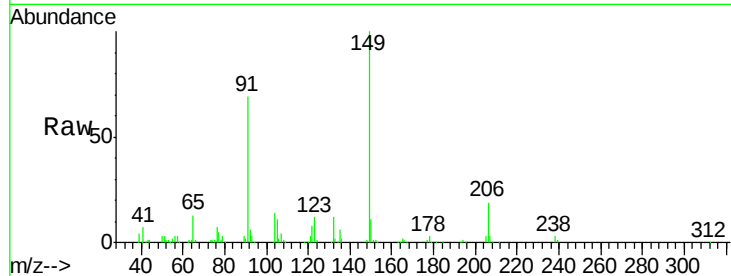
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	500522
Ion Ratio	Lower	Upper	
149	100		
91	69.1	57.8	86.8
206	19.1	13.8	20.8

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#80

Benzo(a)anthracene

Concen: 35.01 ng

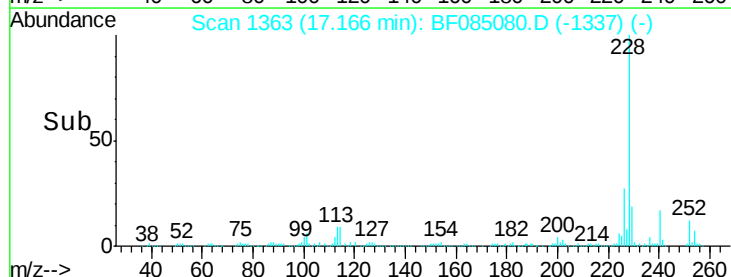
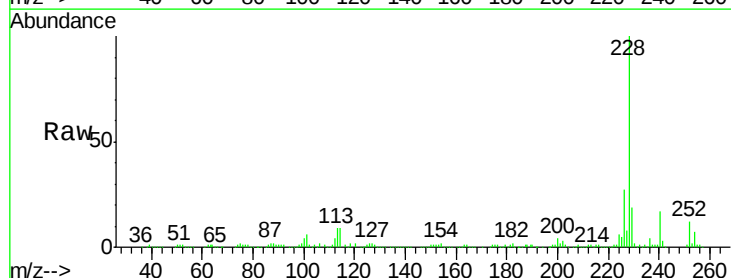
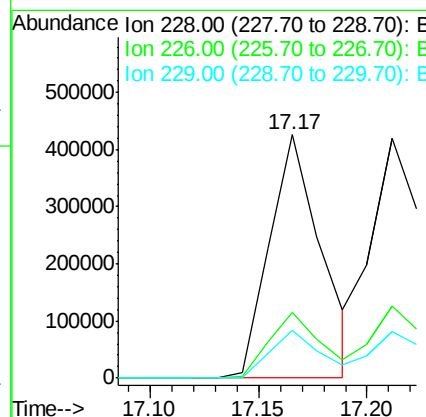
RT: 17.17 min Scan# 1363

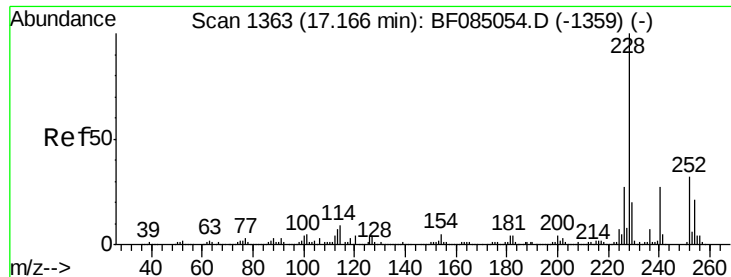
Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	228	Resp:	706857
Ion Ratio	Lower	Upper	
228	100		
226	26.7	21.8	32.6
229	19.5	15.8	23.8





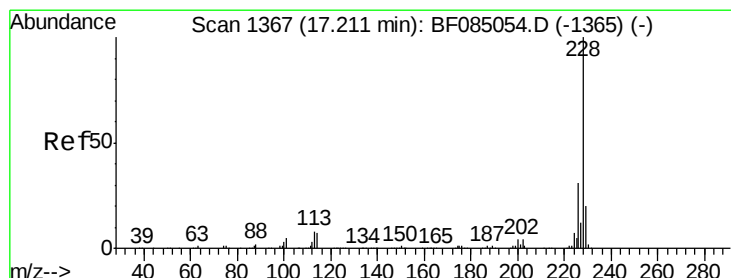
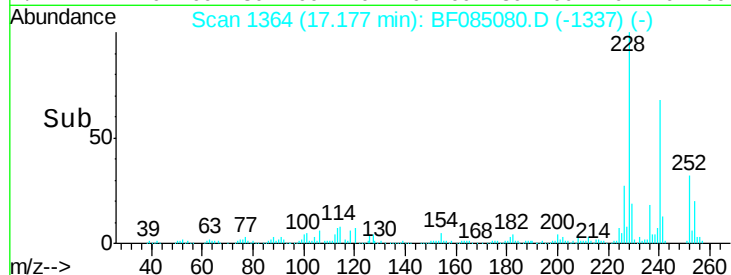
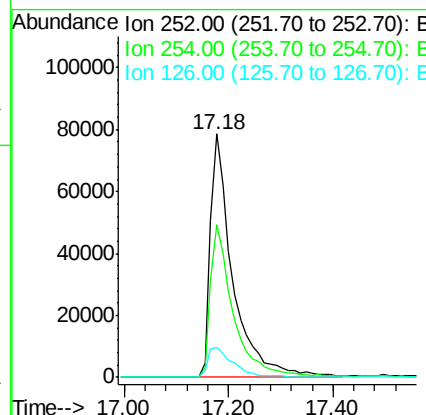
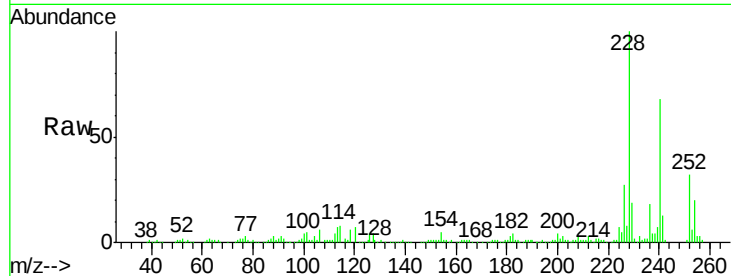
#81
 3,3'-Dichlorobenzidine
 Concen: 39.90 ng
 RT: 17.18 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
252	100	234143		
254	62.5	52.9	79.3	
126	12.5	10.6	16.0	

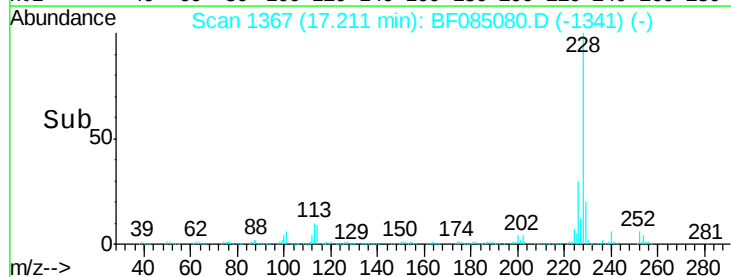
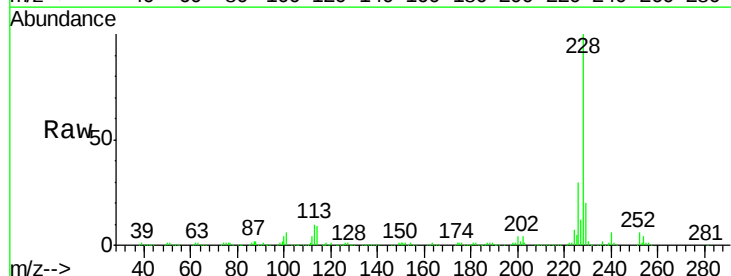
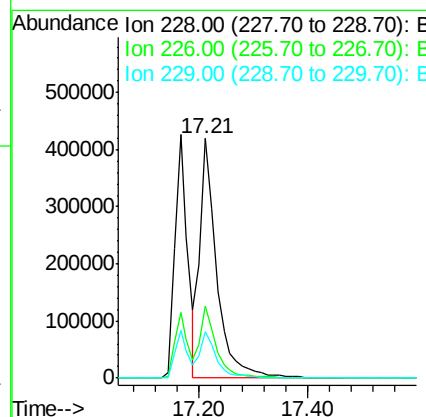
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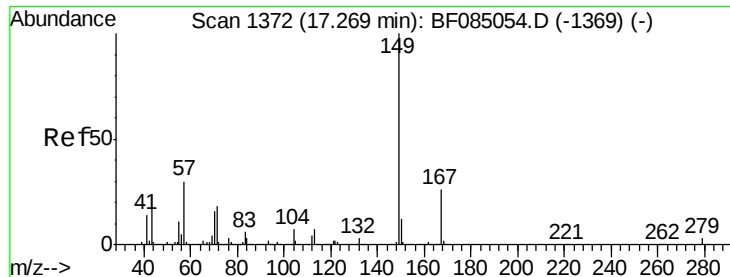
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#82
 Chrysene
 Concen: 45.58 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	892566		
226	30.1	24.3	36.5	
229	19.6	16.1	24.1	





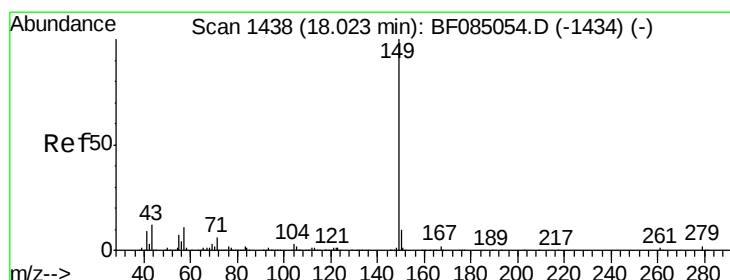
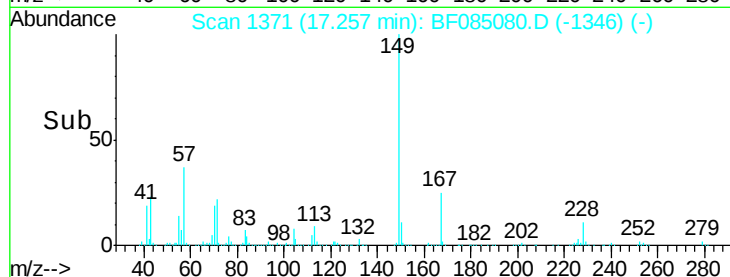
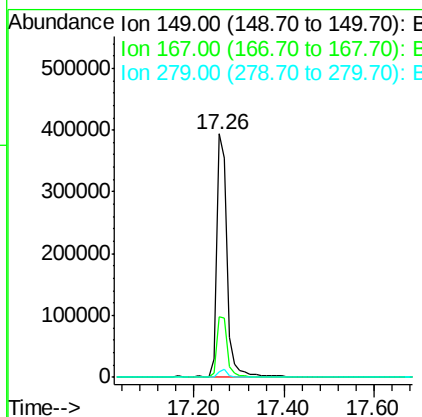
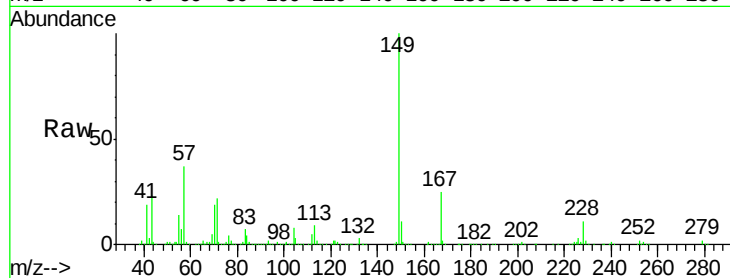
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.58 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	25.0	21.0	31.6
279	2.1	2.4	3.6

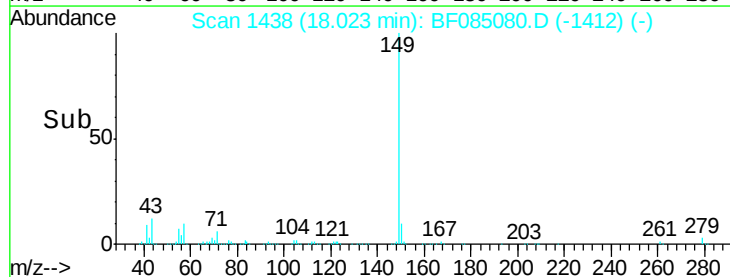
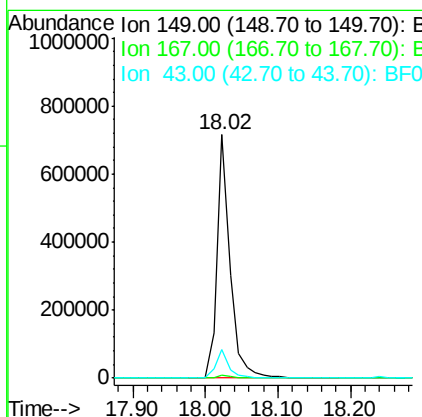
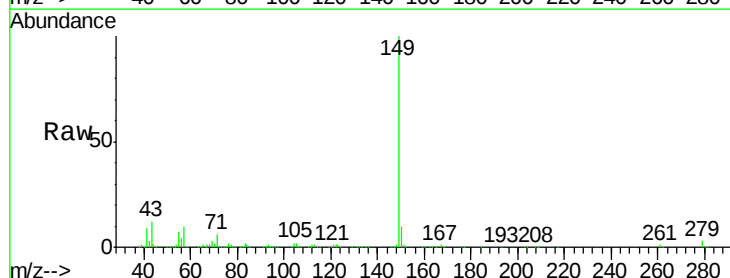
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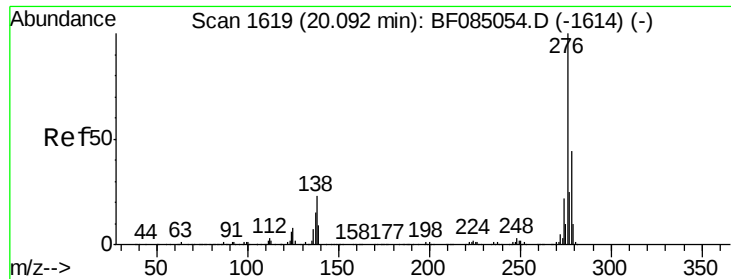
Sohil
 2/15/2016 4:45:06 PM



#84
 Di-n-octyl phthalate
 Concen: 40.99 ng
 RT: 18.02 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF085080.D
 Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.7	9.0	13.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.00 ng

RT: 20.10 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

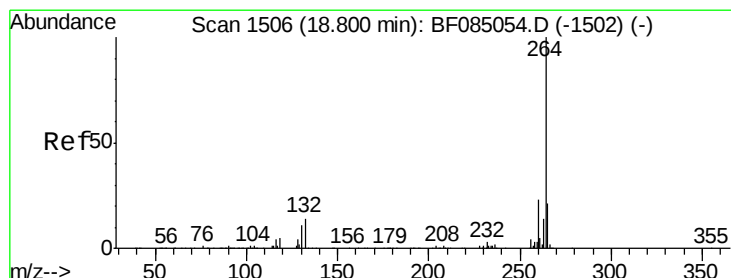
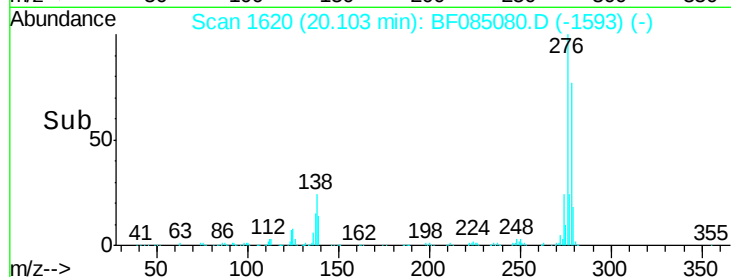
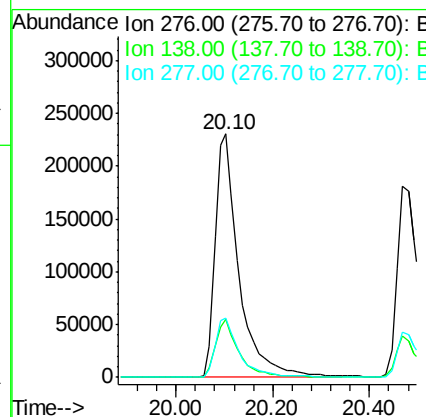
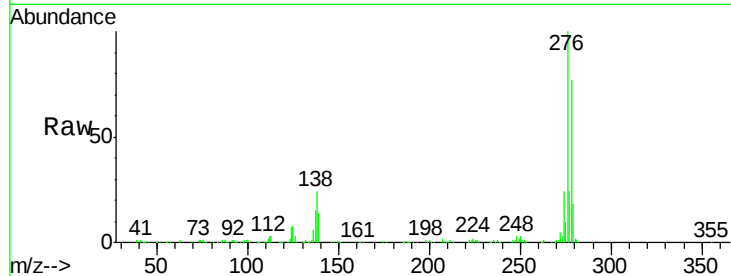
ClientSampleId :

SSTDCCC040EC

Tot Ion:	276	Resp:	797180
Ion Ratio		Lower	Upper
276	100		
138	23.6	19.0	28.4
277	24.6	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

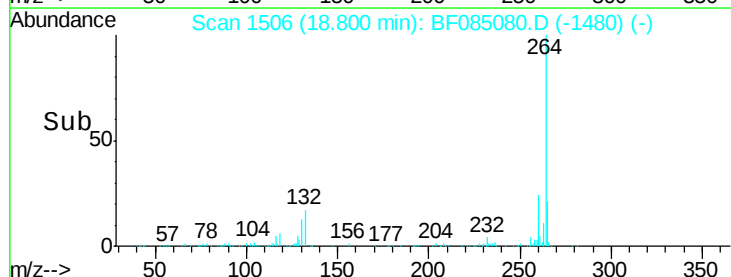
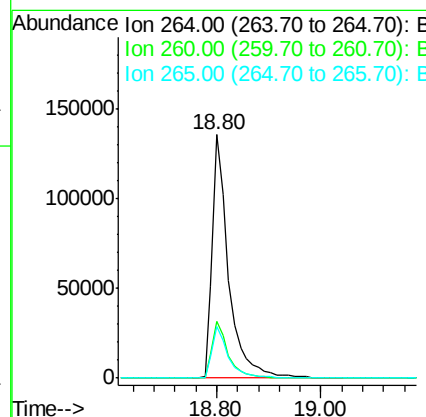
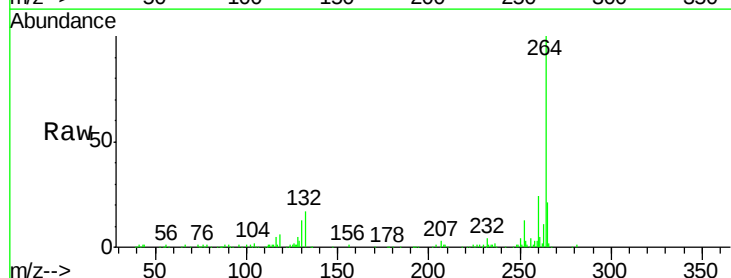
RT: 18.80 min Scan# 1506

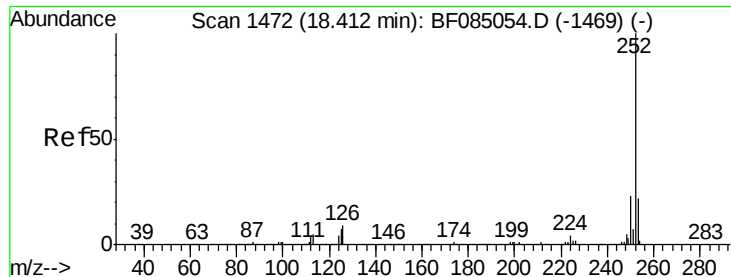
Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	264	Resp:	294699
Ion Ratio		Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.0	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 30.54 ng m

RT: 18.41 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Instrument :

BNA_F

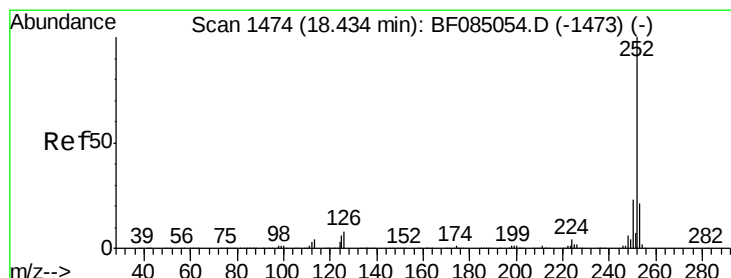
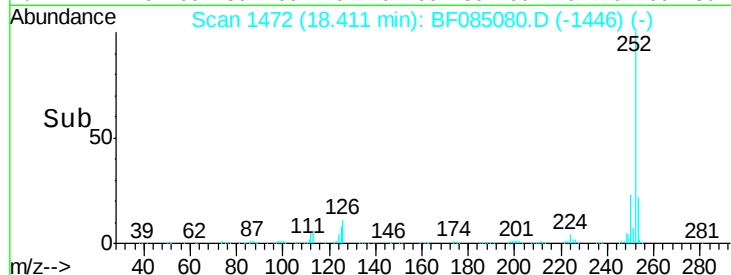
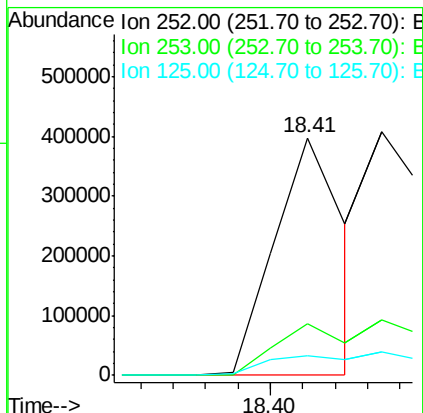
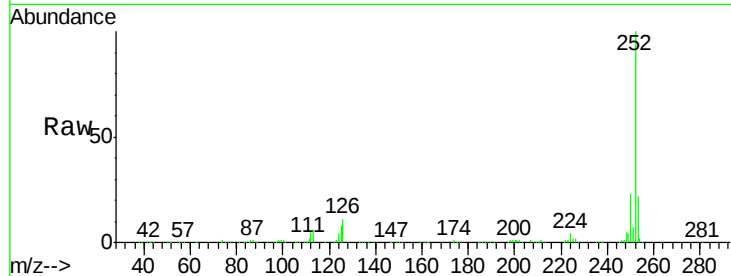
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	590047
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	8.0	5.4	8.2

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#88

Benzo(k)fluoranthene

Concen: 49.34 ng m

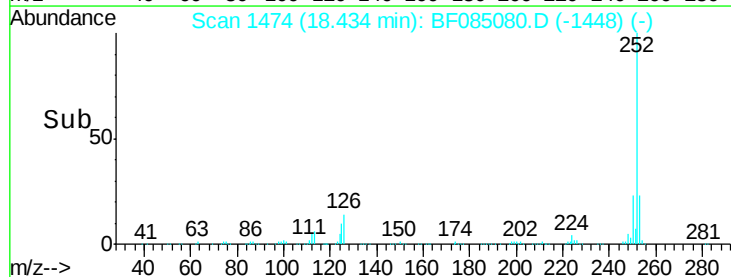
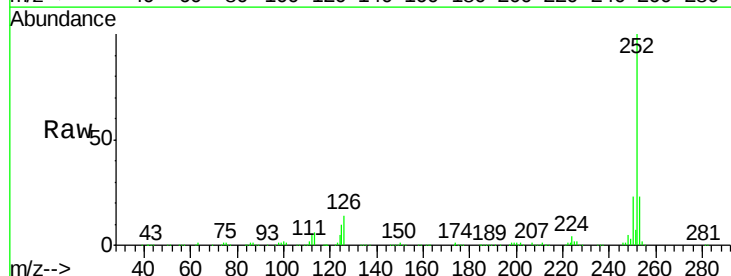
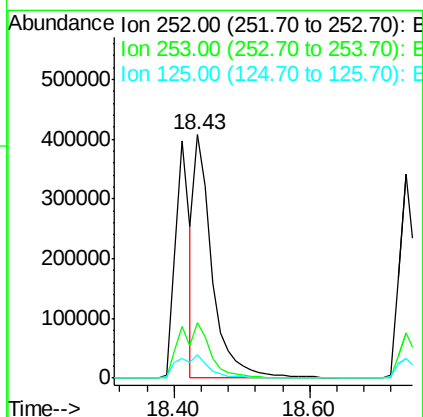
RT: 18.43 min Scan# 1474

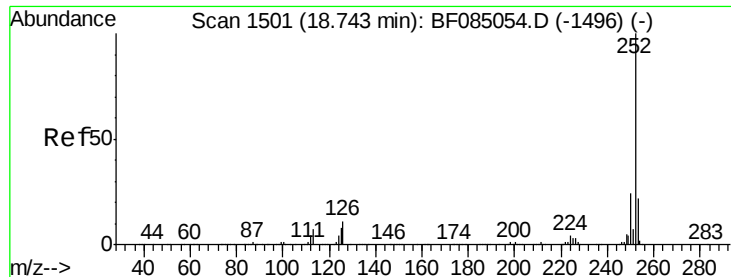
Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tgt Ion:	252	Resp:	761538
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	9.7	7.2	10.8





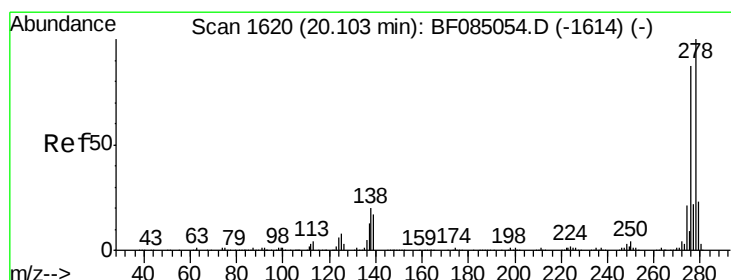
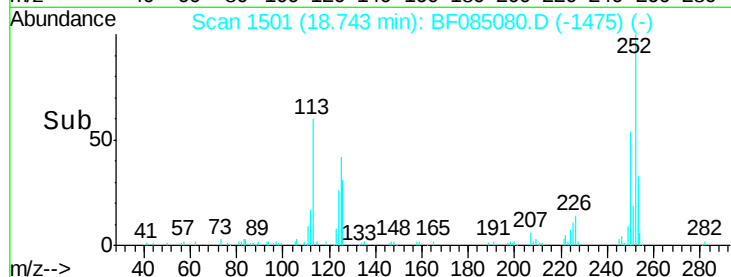
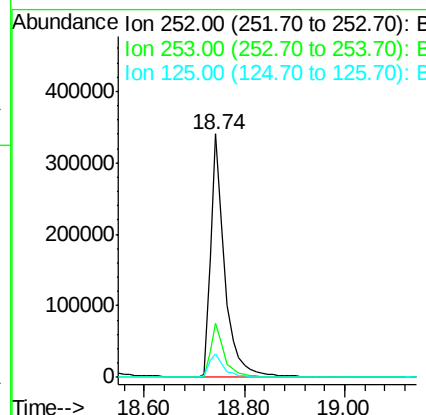
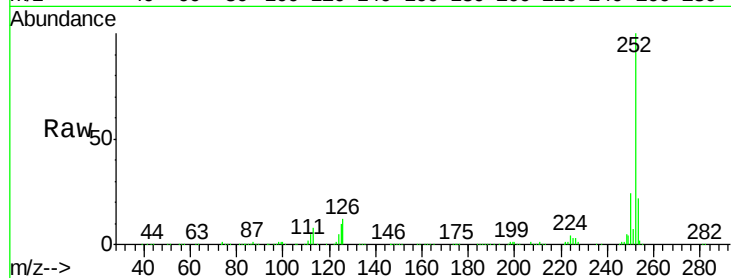
#89
Benzo(a)pyrene
Concen: 39.75 ng
RT: 18.74 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.8	6.1	9.1

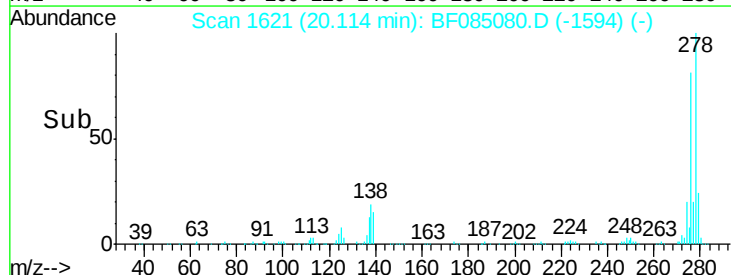
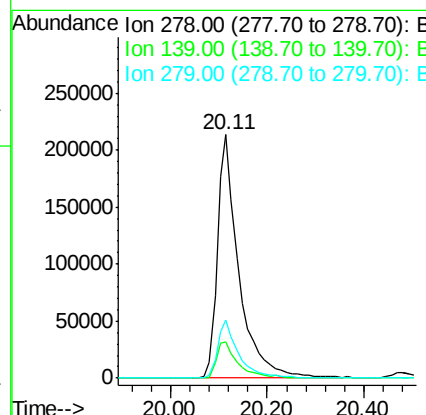
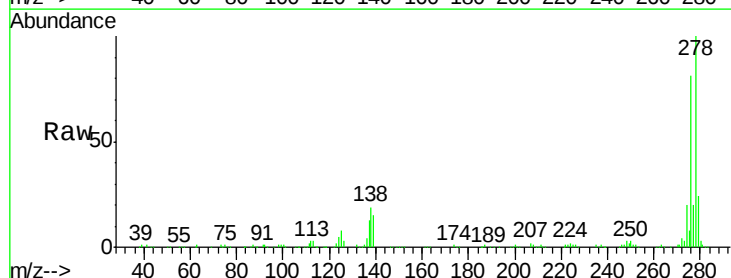
Manual Integrations
APPROVED

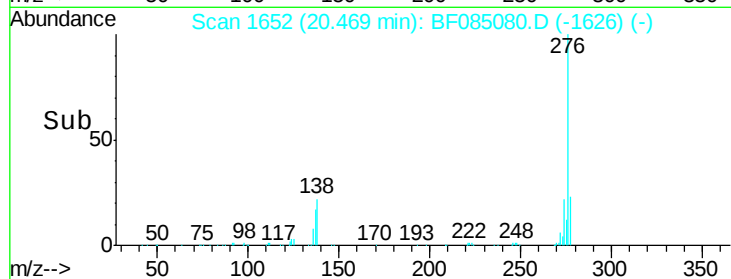
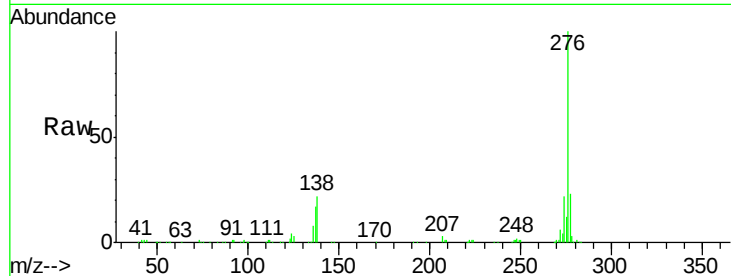
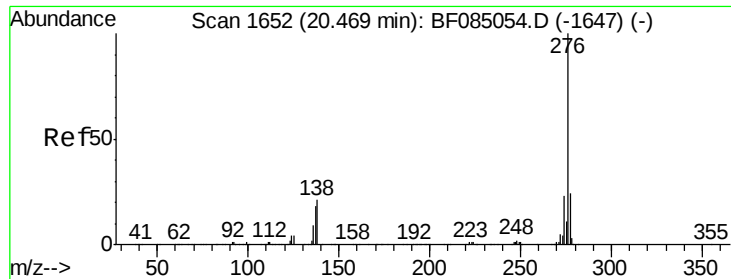
Sohil
2/15/2016 4:45:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.92 ng
RT: 20.11 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BF085080.D
Acq: 13 Feb 2016 12:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.3	19.9
279	23.8	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 40.99 ng

RT: 20.47 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF085080.D

Acq: 13 Feb 2016 12:38

Tot Ion:	276	Resp:	660137
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.1	28.7
138	21.9	16.6	24.8

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

Sohil
2/15/2016 4:45:06 PM

