

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085539.D
 Acq On : 18 Mar 2016 18:16
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

mohammad
 3/21/2016 5:05:31 PM

Quant Time: Mar 18 23:18:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:01:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	152603	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	600992	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	295082	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	551211	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	450483	20.00	ng	0.00
86) Perylene-d12	15.44	264	400104	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	479235	52.51	ng	-0.01
7) Phenol-d6	6.48	99	602899	51.64	ng	-0.01
23) Nitrobenzene-d5	7.42	82	534595	51.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	154807	57.44	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	948434	54.33	ng	-0.01
78) Terphenyl-d14	12.96	244	924446	47.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	108693	24.29	ng	98
3) Pyridine	3.19	79	250045	23.55	ng	99
4) n-Nitrosodimethylamine	3.12	42	116756	24.25	ng	100
6) Aniline	6.52	93	418049	26.33	ng	98
8) 2-Chlorophenol	6.64	128	284447	26.87	ng	94
9) Benzaldehyde	6.40	77	165630	25.46	ng	97
10) Phenol	6.49	94	329059	24.56	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	248919	24.65	ng	90
12) 1,3-Dichlorobenzene	6.79	146	292424m	25.32	ng	
13) 1,4-Dichlorobenzene	6.87	146	296137	25.43	ng	99
14) 1,2-Dichlorobenzene	7.03	146	283231	27.36	ng	97
15) Benzyl Alcohol	7.00	79	207776	25.44	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	341902	25.14	ng	99
17) 2-Methylphenol	7.11	107	224416	25.83	ng	99
18) Hexachloroethane	7.37	117	110591	25.99	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	171319	24.22	ng	93
20) 3+4-Methylphenols	7.27	107	279569	29.29	ng	# 88
22) Acetophenone	7.27	105	387794	26.26	ng	# 94
24) Nitrobenzene	7.44	77	319139	28.10	ng	93
25) Isophorone	7.68	82	539870	26.02	ng	96
26) 2-Nitrophenol	7.76	139	151697	27.23	ng	92
27) 2,4-Dimethylphenol	7.80	122	255534	26.22	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	298352	23.96	ng	98
29) 2,4-Dichlorophenol	8.00	162	225307	27.95	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	232375	25.35	ng	100
31) Naphthalene	8.16	128	757400	25.80	ng	99
32) Benzoic acid	7.91	122	206170	34.21	ng	98
33) 4-Chloroaniline	8.22	127	322531	25.27	ng	96
34) Hexachlorobutadiene	8.29	225	126633	26.34	ng	99
35) Caprolactam	8.58	113	78988	29.96	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	248513	26.61	ng	# 85
37) 2-Methylnaphthalene	8.86	142	520715	27.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	214013	23.99	ng	99
40) Hexachlorocyclopentadiene	9.01	237	101894	23.63	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	160538	26.62	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	153980	25.25	ng #	80
45) 1,1'-Biphenyl	9.32	154	624126	25.97	ng	99
46) 2-Chloronaphthalene	9.34	162	462913	25.44	ng #	91
47) 2-Nitroaniline	9.44	65	154569	27.80	ng #	83
48) Acenaphthylene	9.76	152	814093	27.48	ng	99
49) Dimethylphthalate	9.62	163	577394	26.96	ng	99
50) 2,6-Dinitrotoluene	9.68	165	125139	27.28	ng	90
51) Acenaphthene	9.93	154	515618	27.96	ng	99
52) 3-Nitroaniline	9.85	138	159469	28.64	ng	80
53) 2,4-Dinitrophenol	9.96	184	73182	33.19	ng #	84
54) Dibenzofuran	10.10	168	648659	28.40	ng	96
55) 4-Nitrophenol	10.01	139	116665	28.93	ng #	80
56) 2,4-Dinitrotoluene	10.08	165	153550	25.61	ng #	59
57) Fluorene	10.45	166	521847	28.24	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	117698	28.11	ng	100
59) Diethylphthalate	10.32	149	578758	27.38	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	251250	27.40	ng	96
61) 4-Nitroaniline	10.46	138	138679	25.57	ng	93
62) Azobenzene	10.60	77	577533	27.86	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	99882	30.67	ng #	73
65) n-Nitrosodiphenylamine	10.55	169	428536	24.81	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	153727	27.34	ng	94
67) Hexachlorobenzene	11.00	284	159021	27.17	ng #	92
68) Atrazine	11.08	200	137639	27.24	ng	95
69) Pentachlorophenol	11.19	266	91073	29.18	ng	97
70) Phenanthrene	11.41	178	807562	27.62	ng	98
71) Anthracene	11.45	178	757240	26.02	ng	99
72) Carbazole	11.61	167	745004	29.31	ng	98
73) Di-n-butylphthalate	11.95	149	935396	29.76	ng	100
74) Fluoranthene	12.59	202	755920	27.36	ng	99
76) Benzidine	12.71	184	434966	30.26	ng	99
77) Pyrene	12.81	202	774262	22.72	ng	99
79) Butylbenzylphthalate	13.43	149	380841	25.57	ng #	66
80) Benzo(a)anthracene	14.00	228	671439	25.88	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	264533	30.08	ng	98
82) Chrysene	14.04	228	627988	25.88	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	485036	26.68	ng	99
84) Di-n-octyl phthalate	14.61	149	857489	31.49	ng	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	537926	25.07	ng	100
87) Benzo(b)fluoranthene	15.03	252	586129	22.36	ng	99
88) Benzo(k)fluoranthene	15.07	252	614018m	29.23	ng	
89) Benzo(a)pyrene	15.39	252	566080	25.02	ng	97
90) Dibenzo(a,h)anthracene	16.86	278	451667	21.17	ng	98
91) Benzo(g,h,i)perylene	17.26	276	428246	19.79	ng	99

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

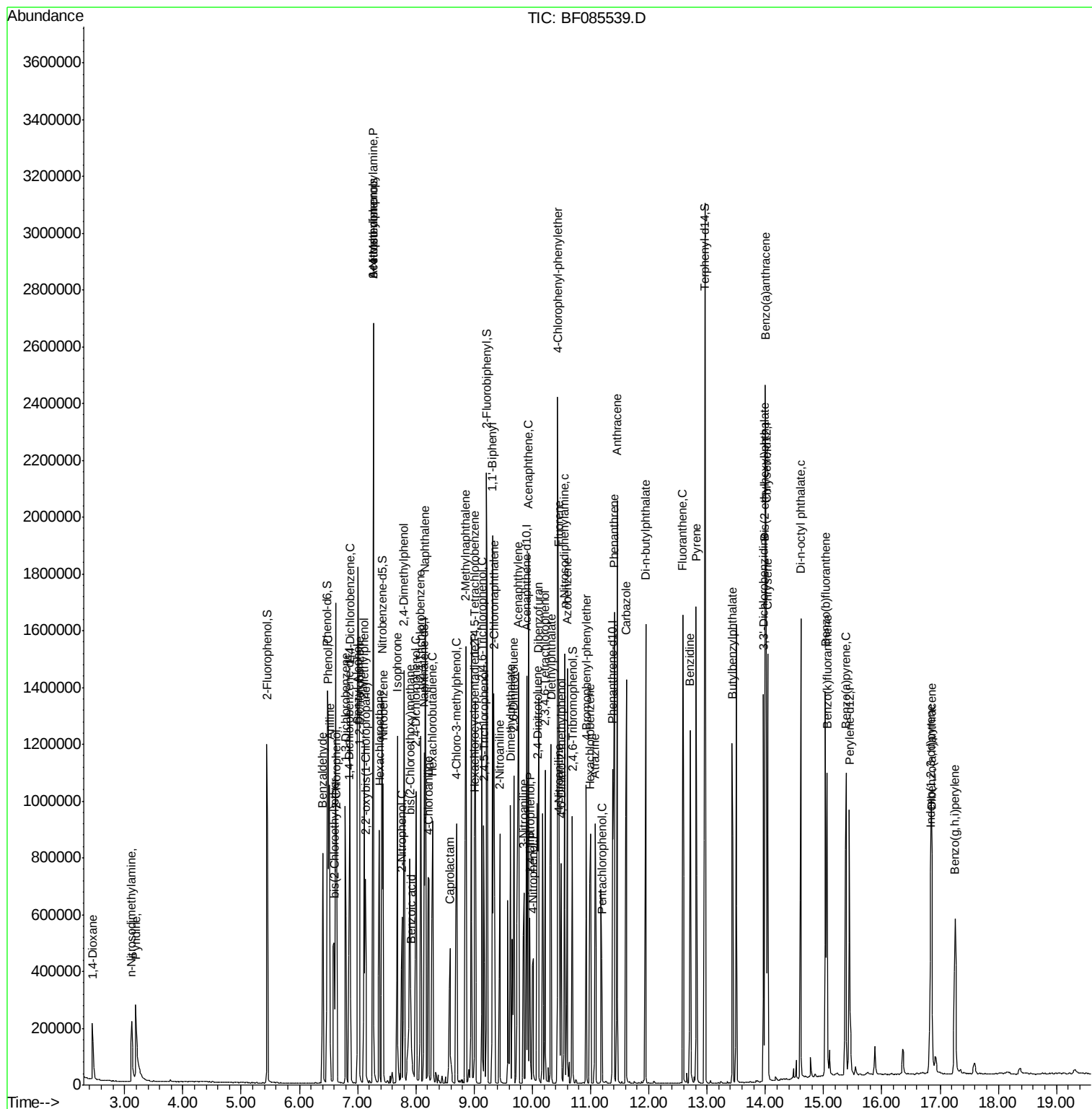
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Operator  : UM/SJ  
Sample    : SSTDICC025  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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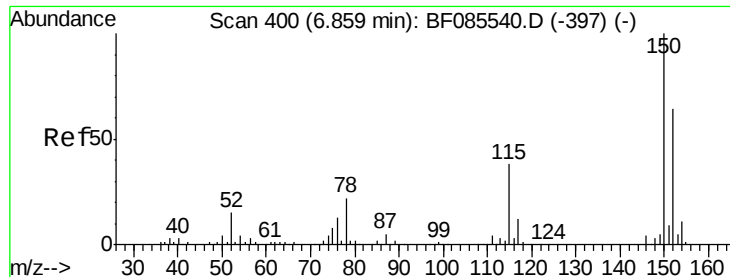
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion: 152 Resp: 152603

Ion Ratio Lower Upper

152 100

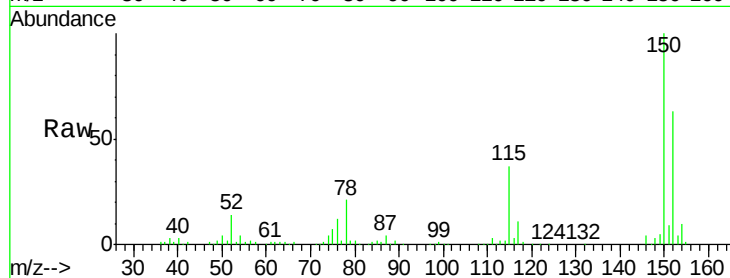
150 157.8 124.2 186.2

115 58.4 47.0 70.6

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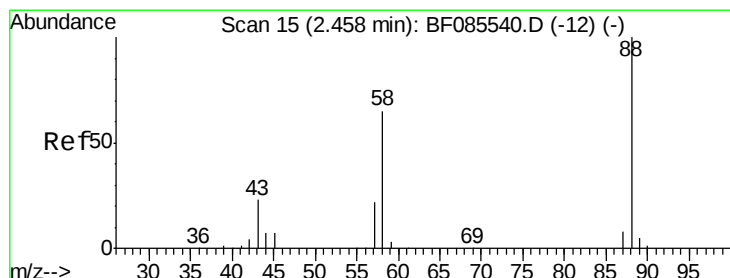
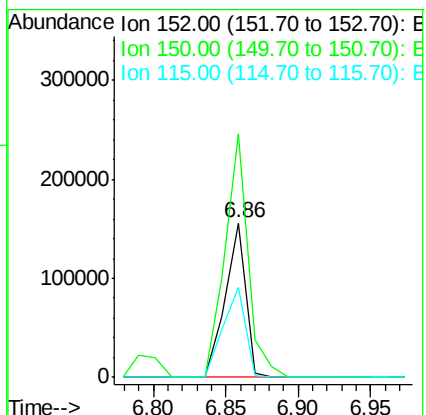
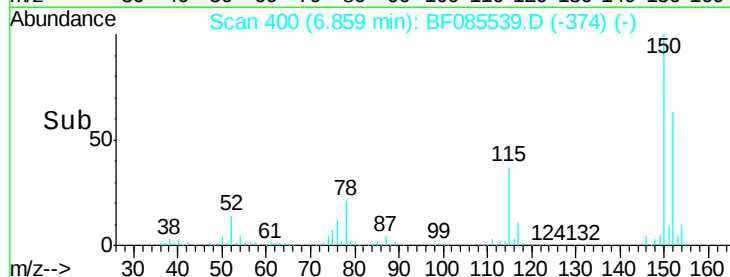
3/21/2016 5:05:31 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.29 ng

RT: 2.45 min Scan# 14

Delta R.T. -0.01 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

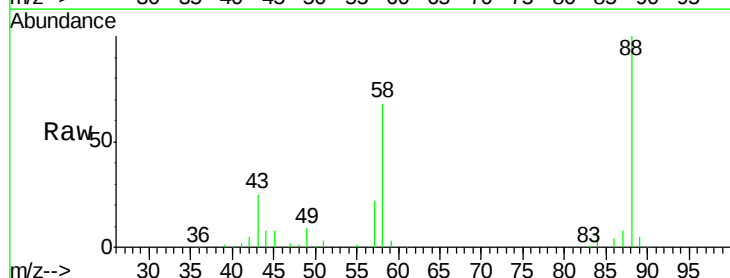
Tgt Ion: 88 Resp: 108693

Ion Ratio Lower Upper

88 100

58 66.0 54.2 81.2

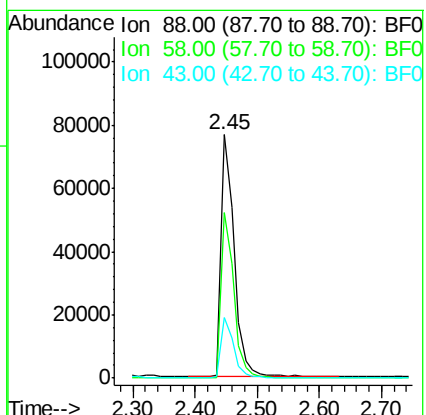
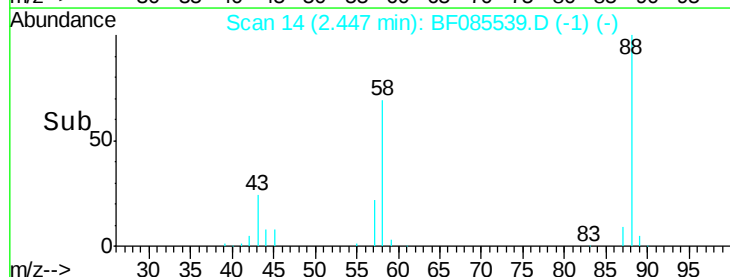
43 24.3 19.3 28.9

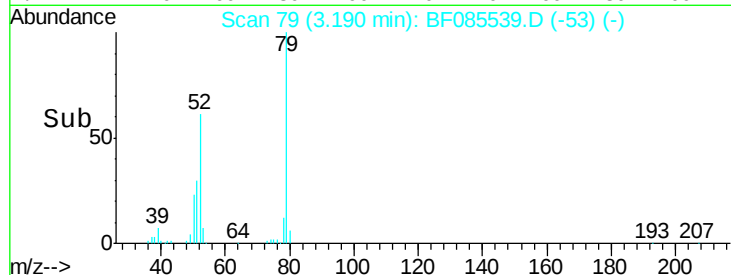
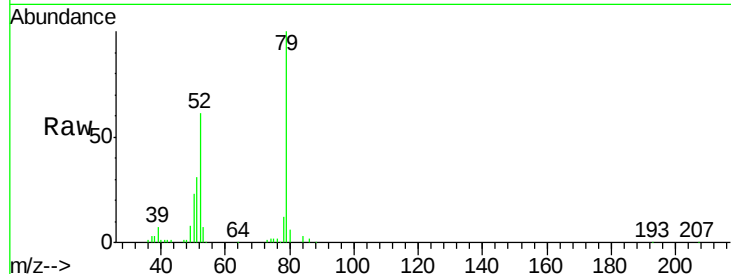
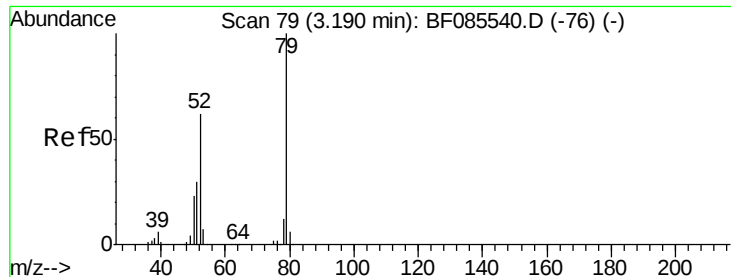


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





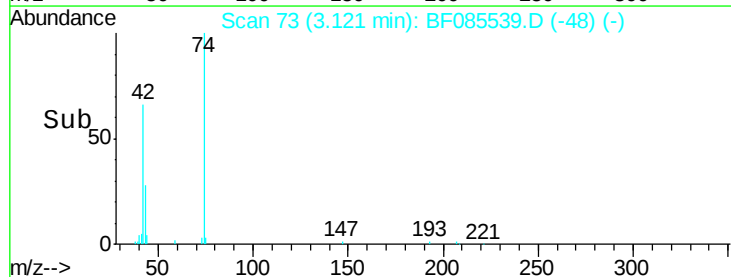
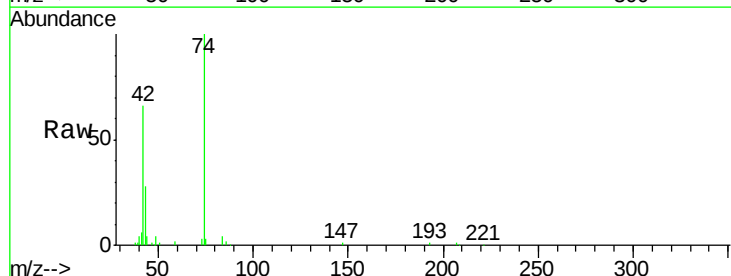
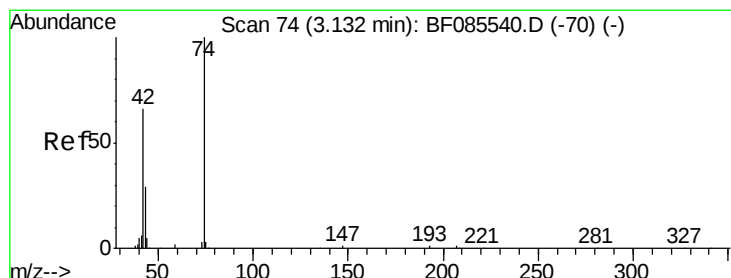
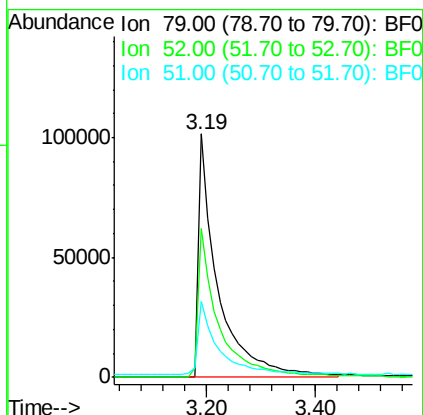
#3
Pyridine
Concen: 23.55 ng
RT: 3.19 min Scan# 79
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.1	49.8	74.6
51	31.1	24.7	37.1

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

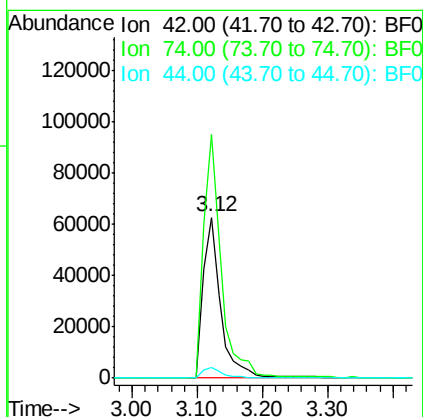
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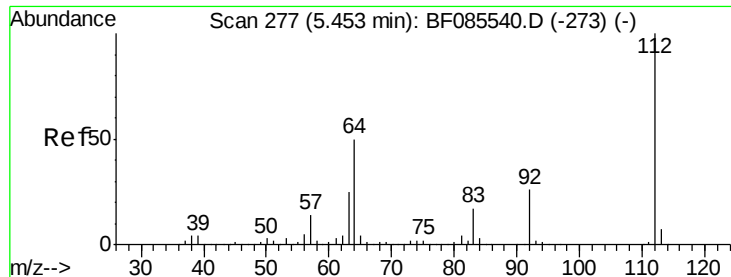
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#4
n-Nitrosodimethylamine
Concen: 24.25 ng
RT: 3.12 min Scan# 73
Delta R.T. -0.01 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.5	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 52.51 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

Tgt Ion: 112 Resp: 479235
Ion Ratio Lower Upper

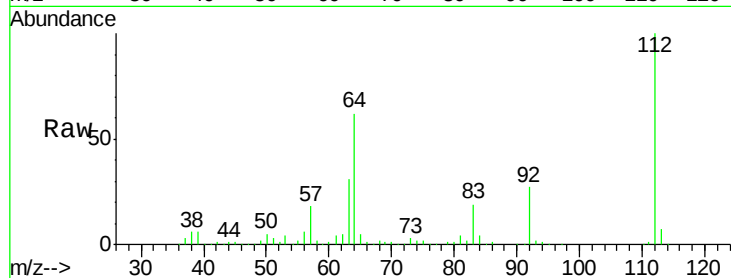
112 100

64 62.0 39.9 59.9#

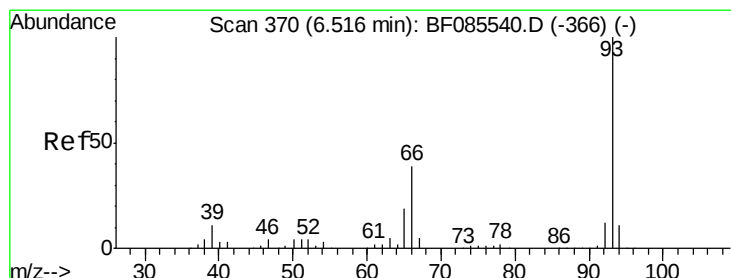
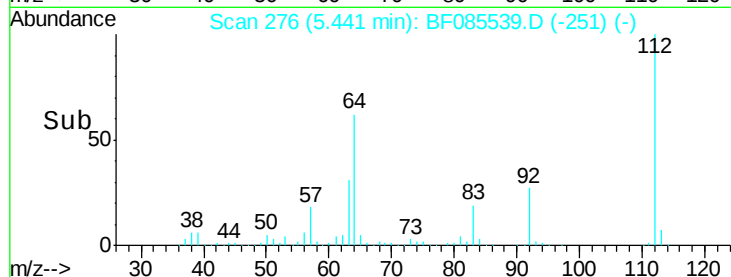
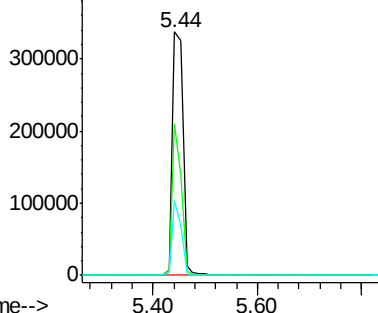
63 30.8 20.2 30.2#

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Abundance Ion 112.00 (111.70 to 112.70): B
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.33 ng

RT: 6.52 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF085539.D

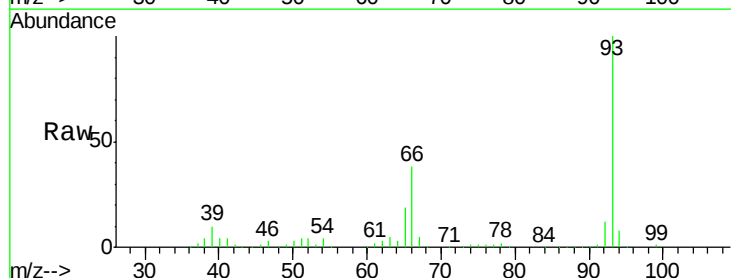
Acq: 18 Mar 2016 18:16

Tgt Ion: 93 Resp: 418049
Ion Ratio Lower Upper

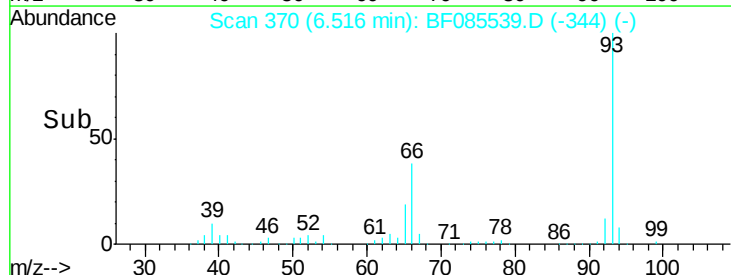
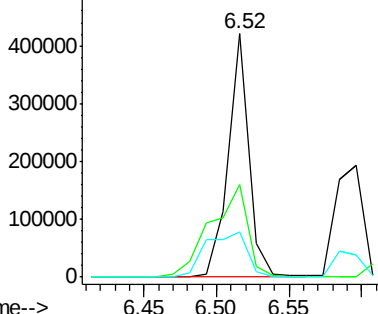
93 100

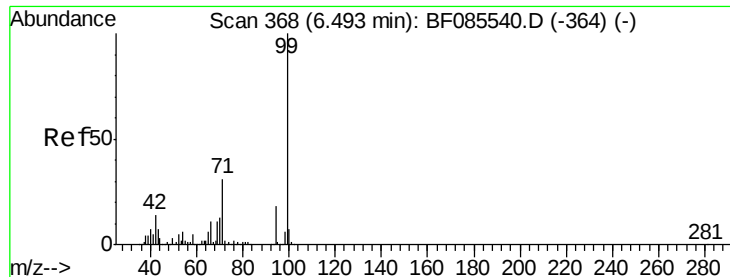
66 37.8 31.4 47.2

65 18.7 15.7 23.5



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 51.64 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085539.D

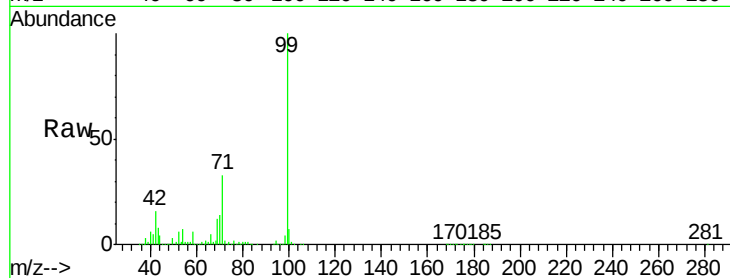
Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

ClientSampleId :

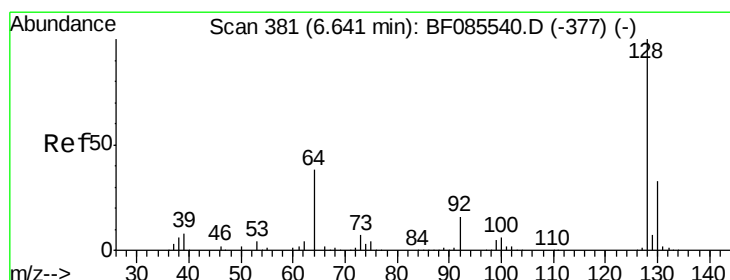
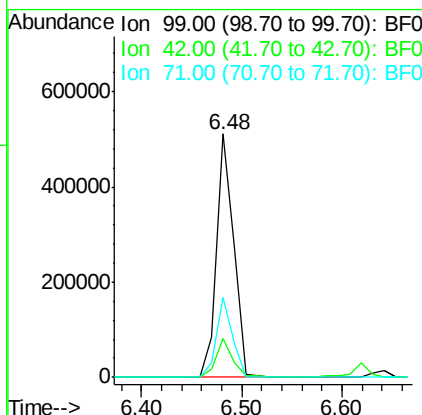
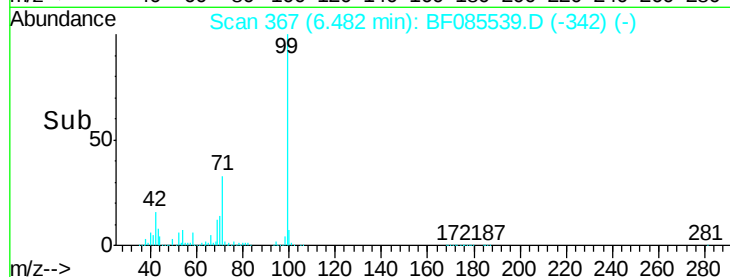
SSTDIC025



Tgt Ion:	99	Resp:	602899
Ion Ratio	Lower	Upper	
99	100		
42	15.9	11.1	16.7
71	32.8	24.9	37.3

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#8

2-Chlorophenol

Concen: 26.87 ng

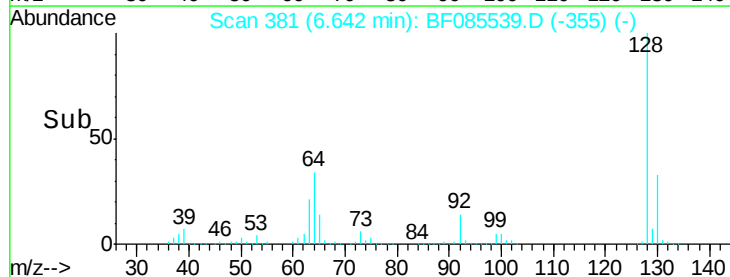
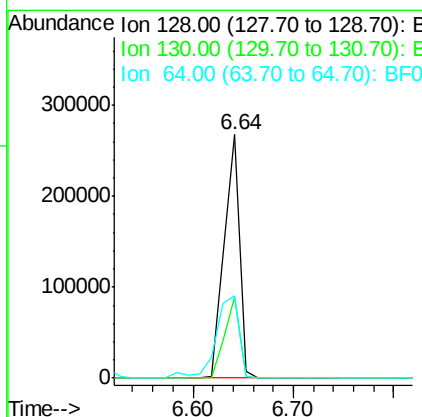
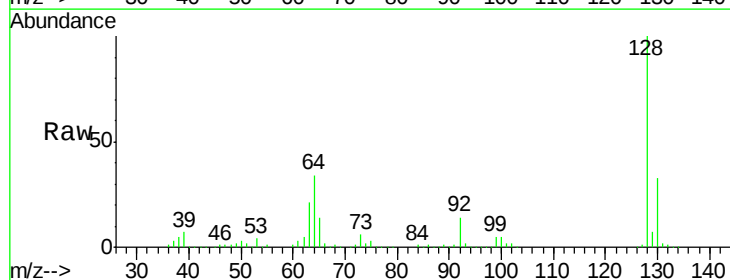
RT: 6.64 min Scan# 381

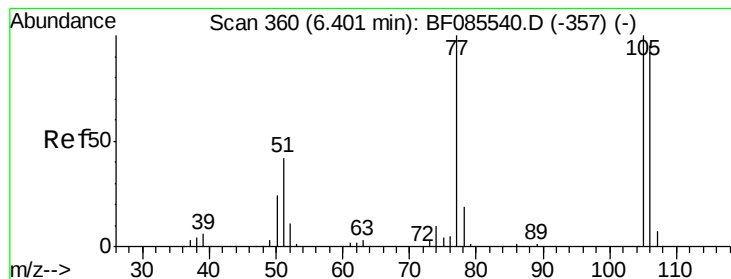
Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Tgt Ion:	128	Resp:	284447
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	33.6	20.2	60.2





#9

Benzaldehyde

Concen: 25.46 ng

RT: 6.40 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

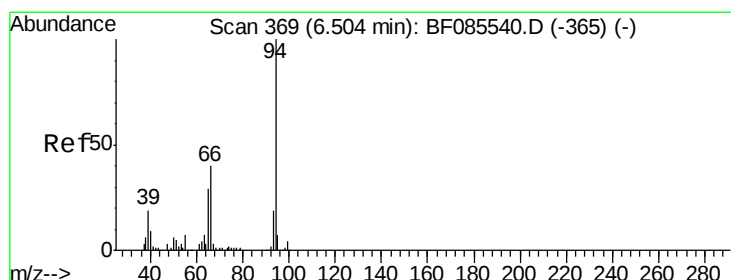
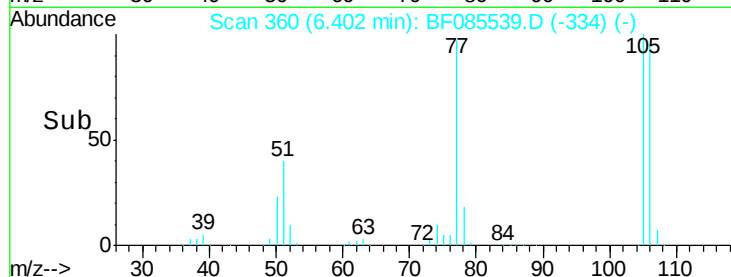
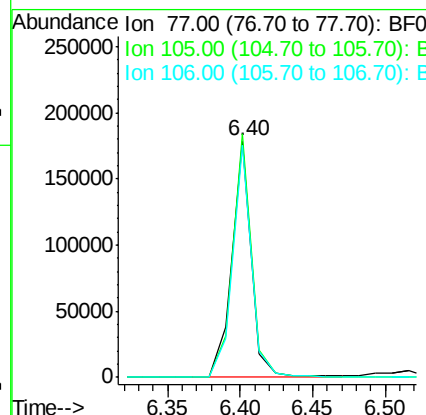
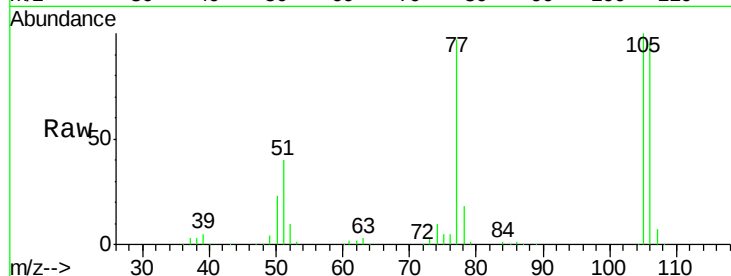
ClientSampleId :

SSTDICC025

Tgt Ion:	77	Resp:	165630
Ion	Ratio	Lower	Upper
77	100		
105	103.2	80.1	120.1
106	98.3	75.0	115.0

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#10

Phenol

Concen: 24.56 ng

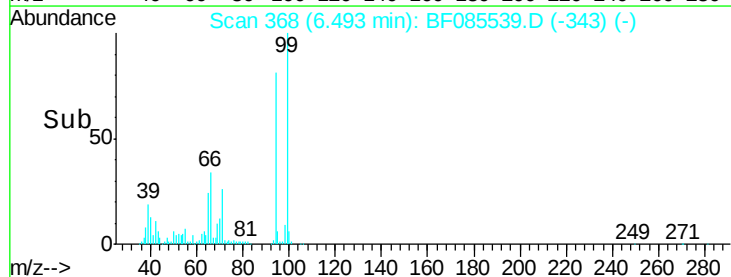
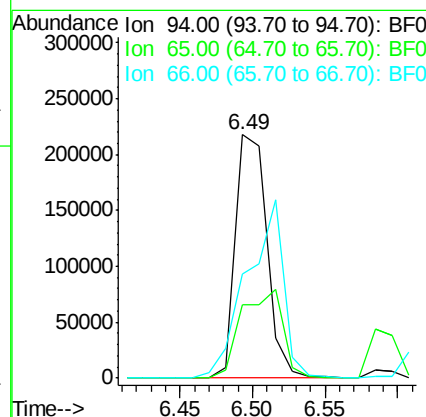
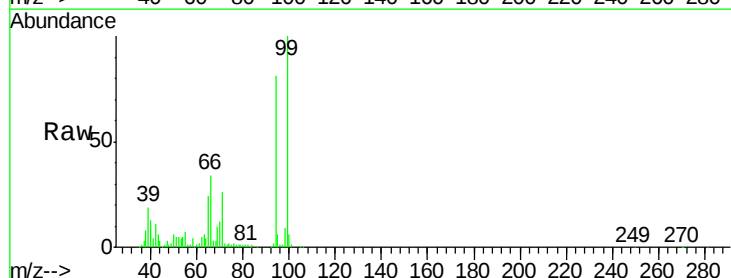
RT: 6.49 min Scan# 368

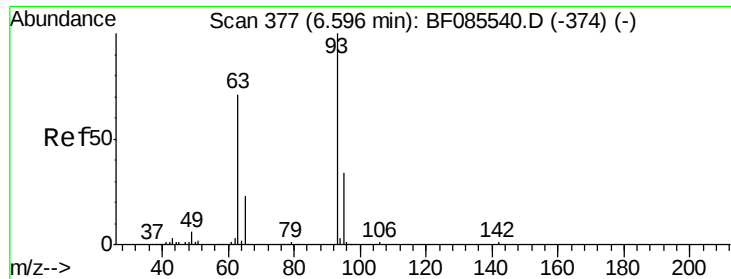
Delta R.T. -0.01 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Tgt Ion:	94	Resp:	329059
Ion	Ratio	Lower	Upper
94	100		
65	30.2	8.6	48.6
66	42.5	20.0	60.0





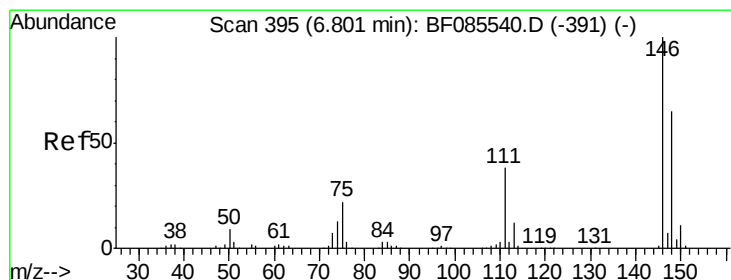
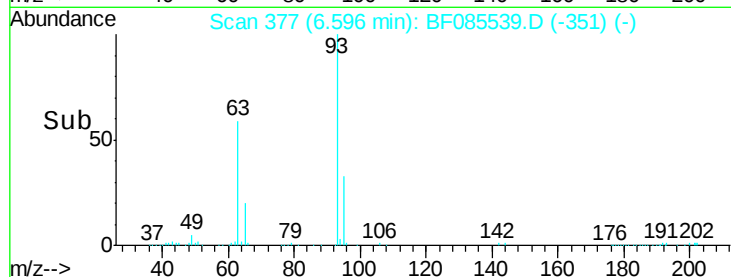
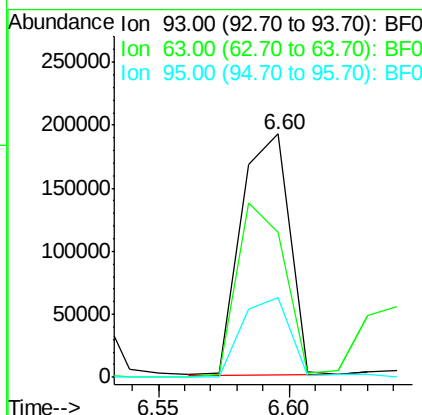
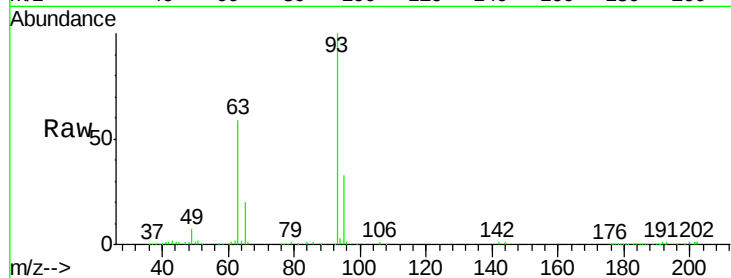
#11
bis(2-Chloroethyl)ether
Concen: 24.65 ng
RT: 6.60 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:	93	Resp:	248919
Ion Ratio	Lower	Upper	
93	100		
63	59.3	50.9	90.9
95	32.9	13.3	53.3

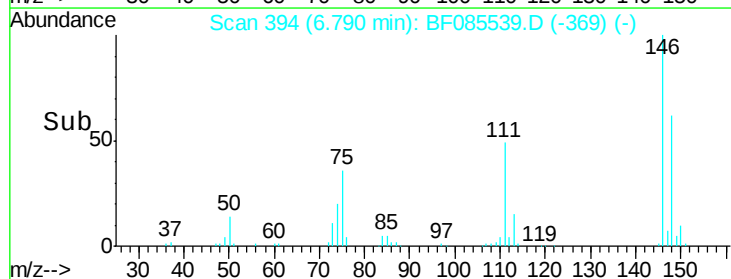
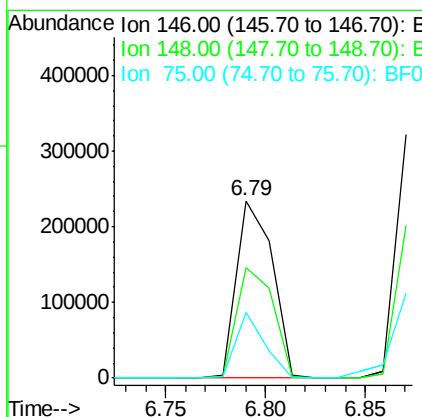
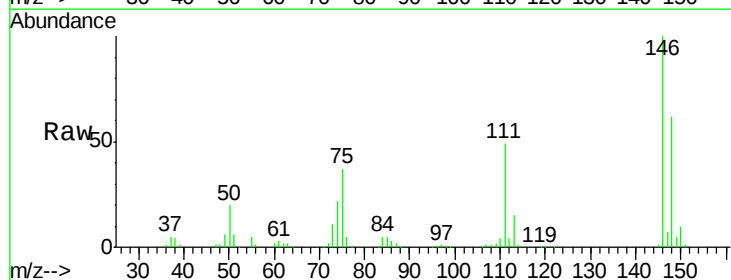
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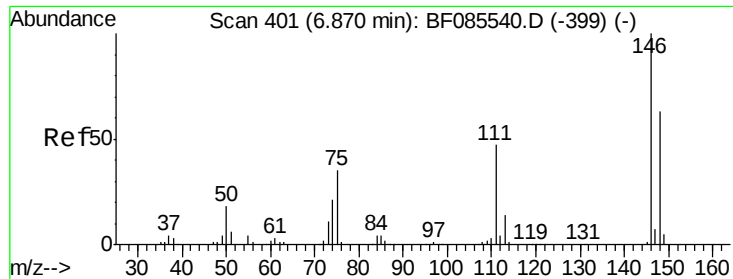
mohammad
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#12
1,3-Dichlorobenzene
Concen: 25.32 ng m
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion:	146	Resp:	292424
Ion Ratio	Lower	Upper	
146	100		
148	62.3	52.3	78.5
75	37.2	17.4	26.2#





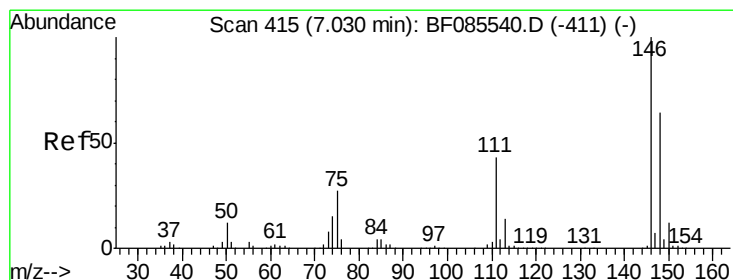
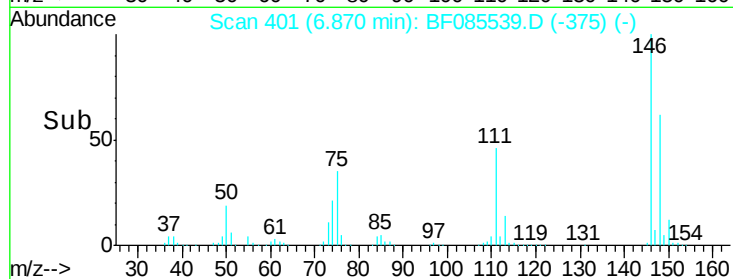
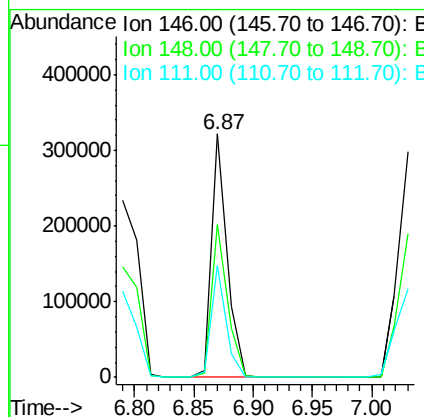
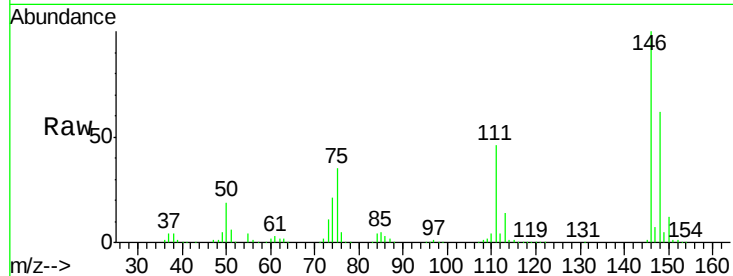
#13
 1,4-Dichlorobenzene
 Concen: 25.43 ng
 RT: 6.87 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	296137		
148	62.5	50.6	76.0	
111	45.9	37.8	56.6	

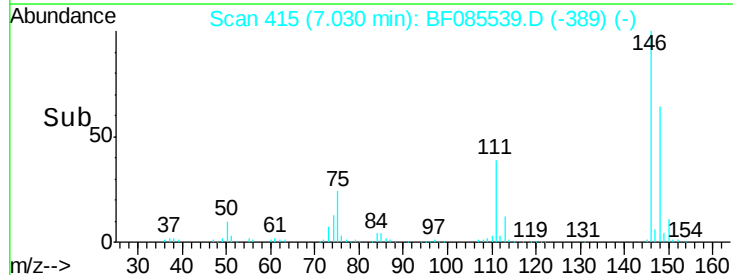
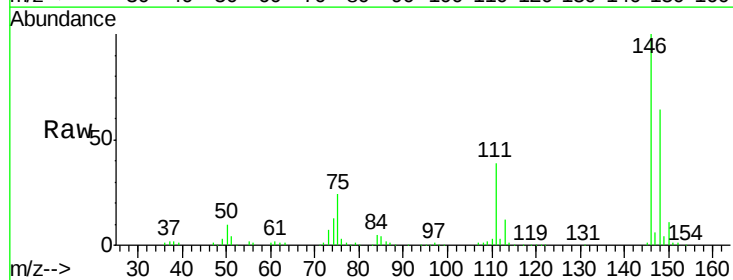
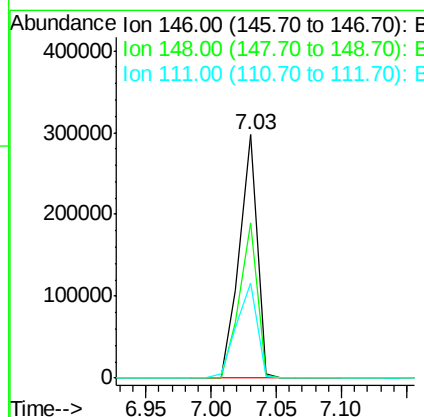
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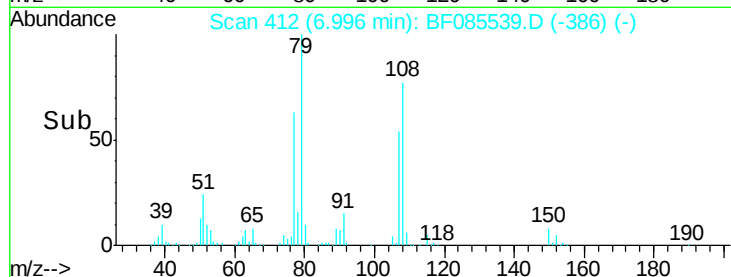
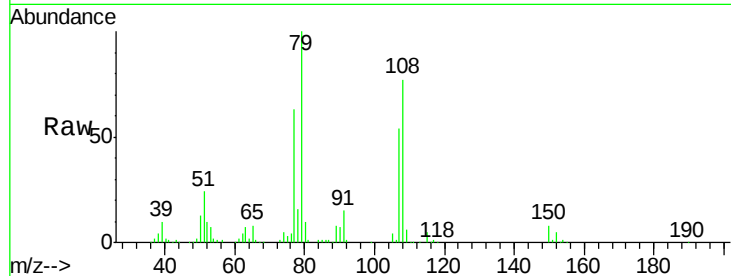
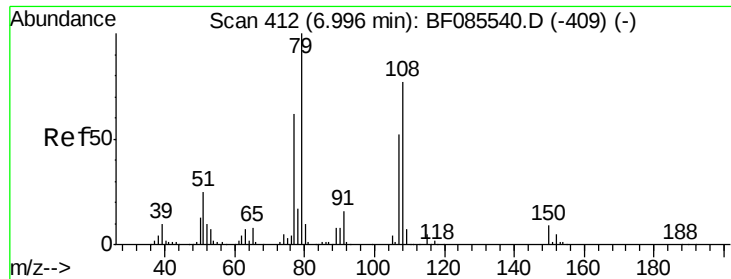
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 27.36 ng
 RT: 7.03 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	283231		
148	63.7	51.4	77.2	
111	39.3	34.6	52.0	





#15

Benzyl Alcohol

Concen: 25.44 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085539.D

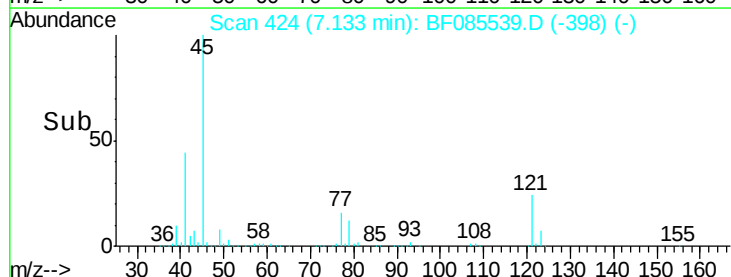
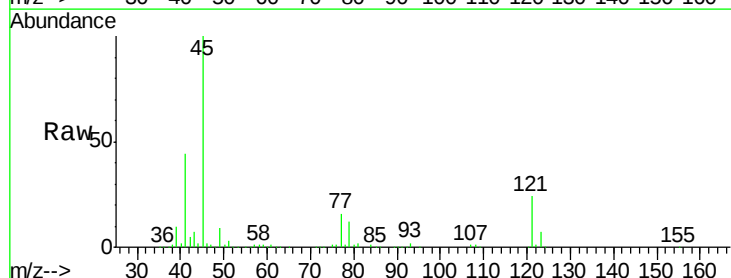
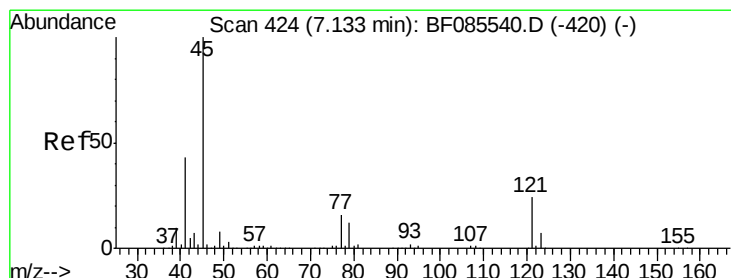
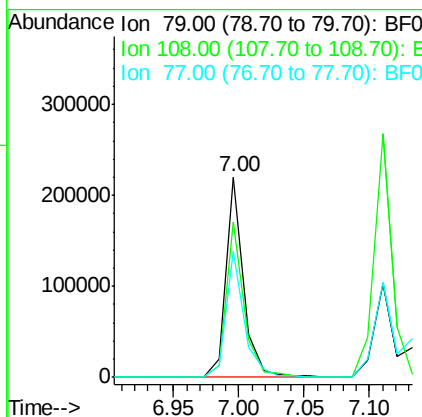
Acq: 18 Mar 2016 18:16

Tgt Ion:	79	Resp:	207776
Ion	Ratio	Lower	Upper
79	100		
108	77.3	61.8	92.6
77	62.5	49.6	74.4

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.14 ng

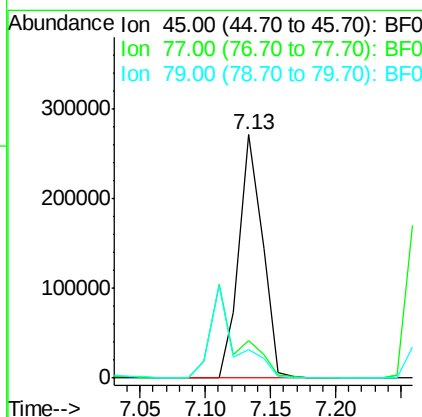
RT: 7.13 min Scan# 424

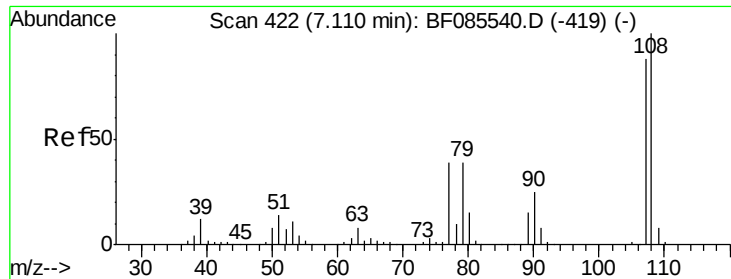
Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

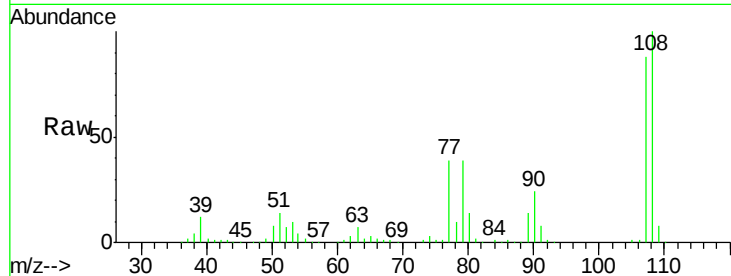
Tgt Ion:	45	Resp:	341902
Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	35.7
79	11.8	0.0	32.2





#17
2-Methylphenol
Concen: 25.83 ng
RT: 7.11 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

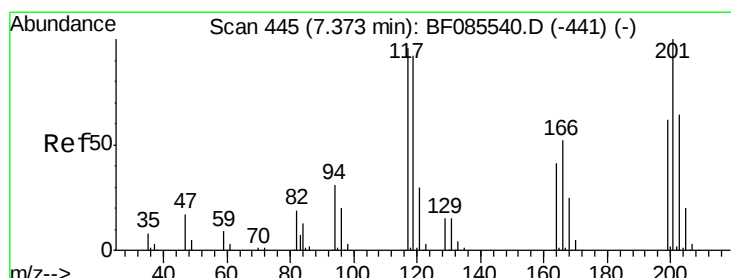
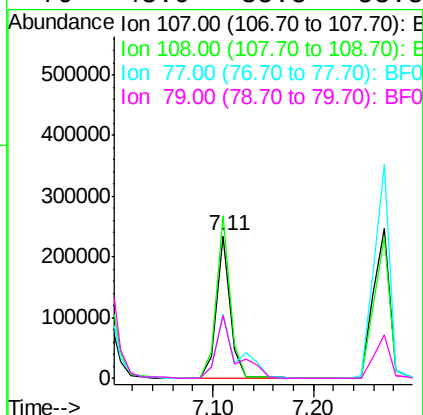
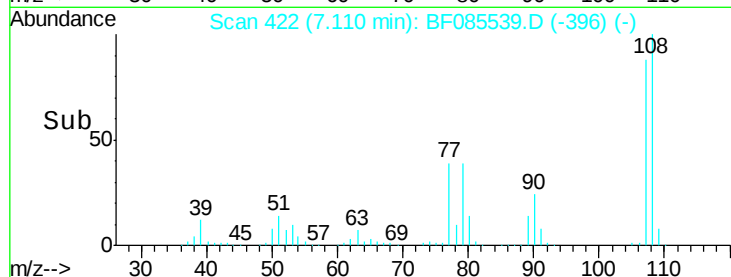
Instrument :
BNA_F
ClientSampleId :
SSTDIC025



Tgt Ion:	107	Resp:	224416
Ion Ratio	Lower	Upper	
107	100		
108	113.9	91.4	137.0
77	44.7	36.2	54.2
79	43.9	35.8	53.8

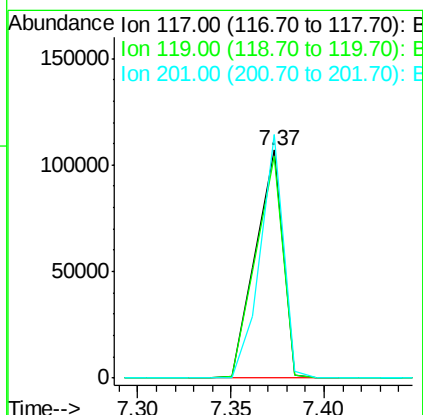
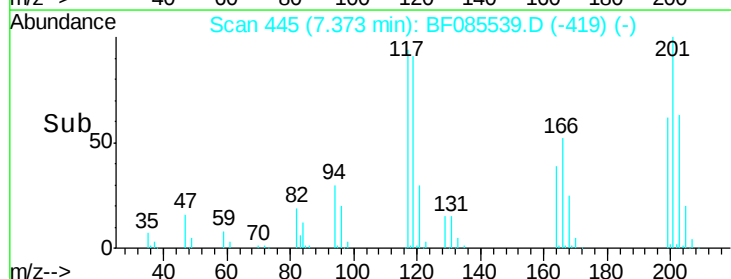
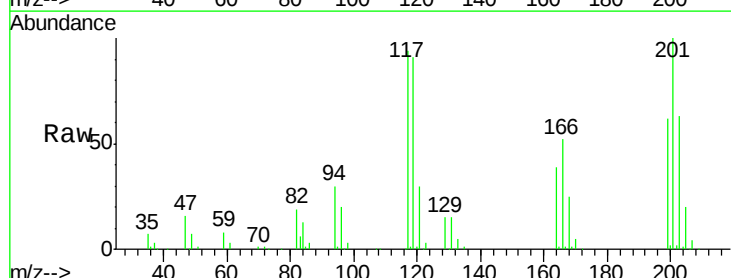
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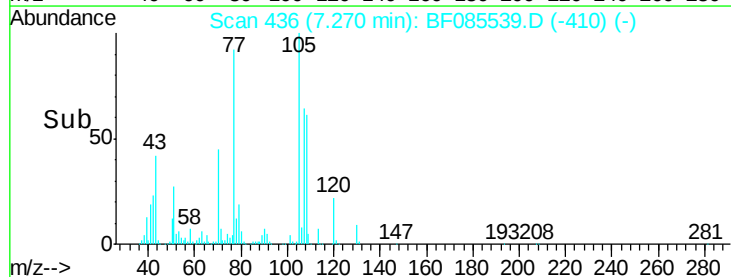
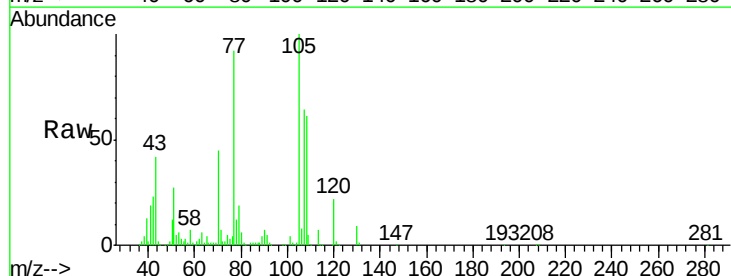
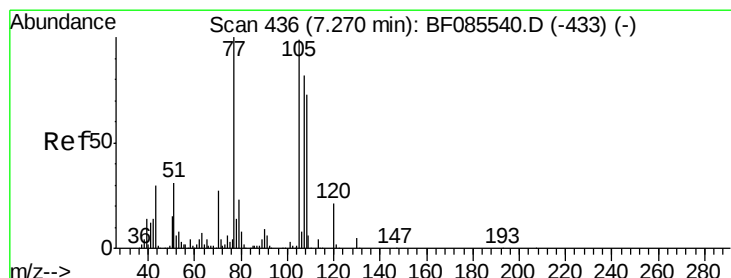
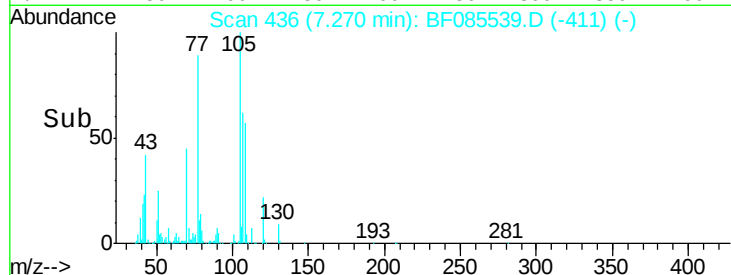
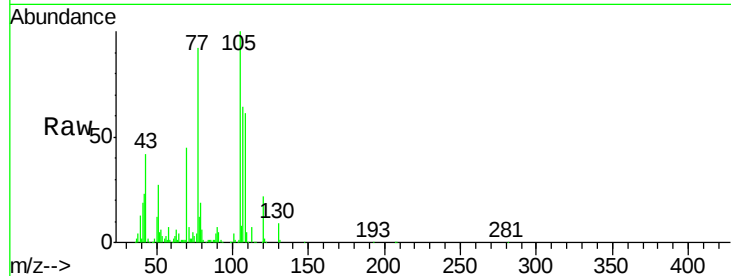
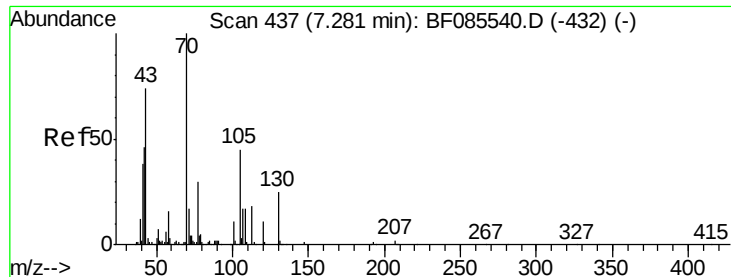
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#18
Hexachloroethane
Concen: 25.99 ng
RT: 7.37 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion:	117	Resp:	110591
Ion Ratio	Lower	Upper	
117	100		
119	97.2	76.7	115.1
201	106.8	83.3	124.9

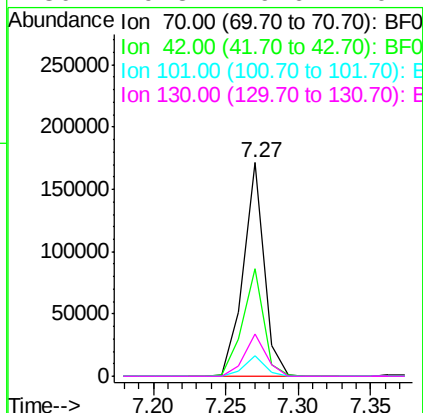




#19
n-Nitroso-di-n-propylamine
Concen: 24.22 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	171319		
42	50.4	37.1	55.7	
101	9.6	8.6	12.8	
130	19.8	19.6	29.4	

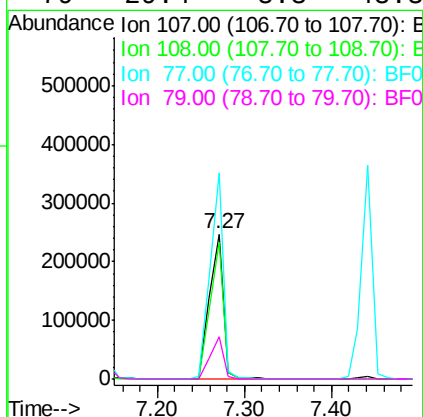


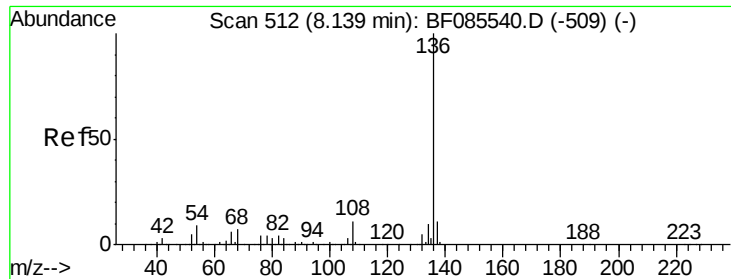
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#20
3+4-Methylphenols
Concen: 29.29 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	279569		
108	94.1	69.3	109.3	
77	142.4	101.7	141.7#	
79	29.4	8.3	48.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

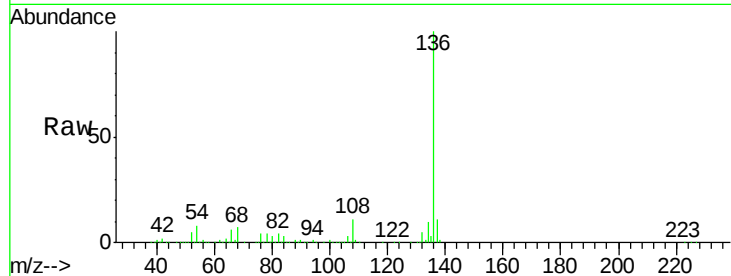
ClientSampleId :

SSTDIC025

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	600992		
137	11.4	9.1	13.7	
54	8.4	7.4	11.0	
68	7.1	5.8	8.8	

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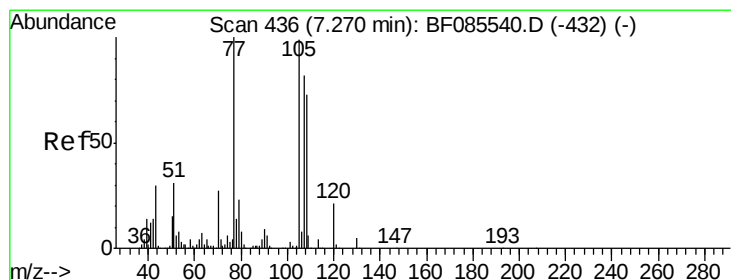
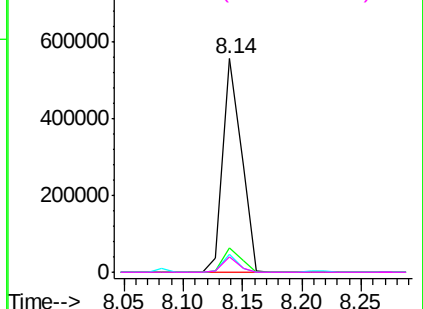
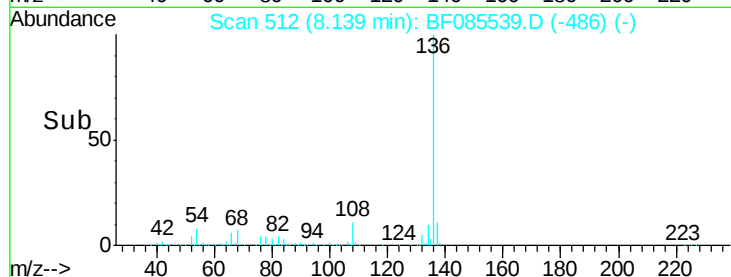
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 26.26 ng

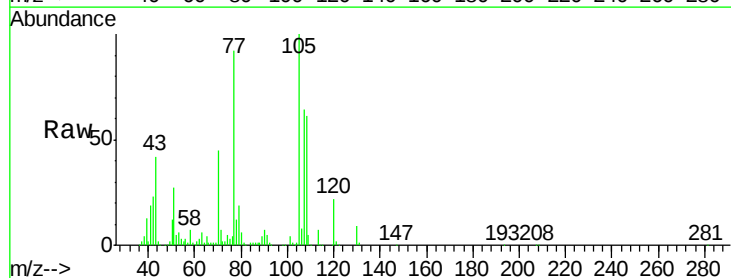
RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	387794		
71	7.4	3.6	5.4#	
51	26.7	25.4	38.0	
120	22.2	16.9	25.3	



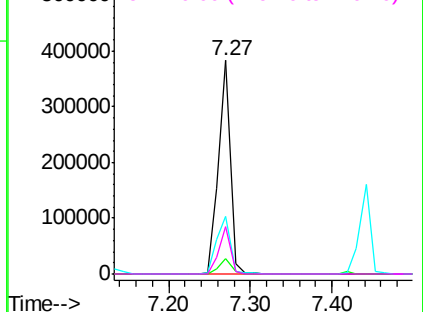
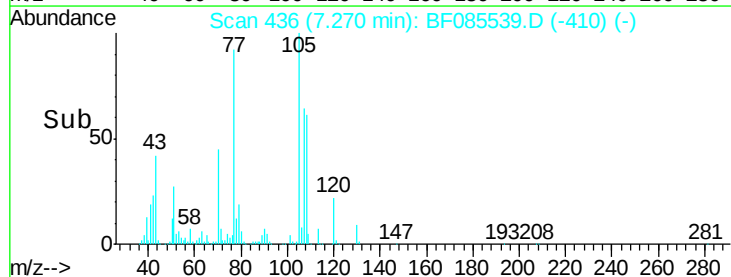
Abundance

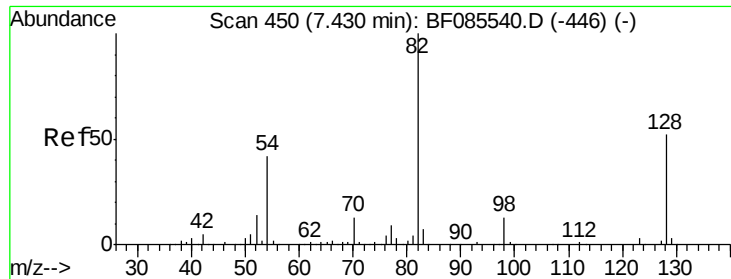
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





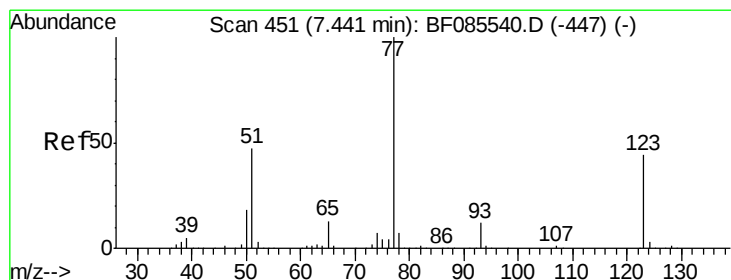
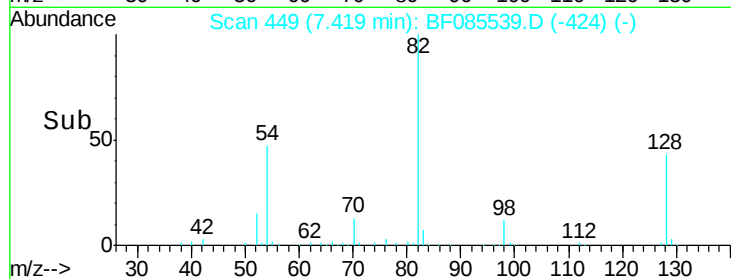
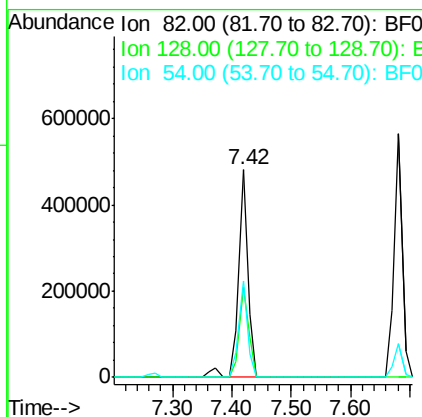
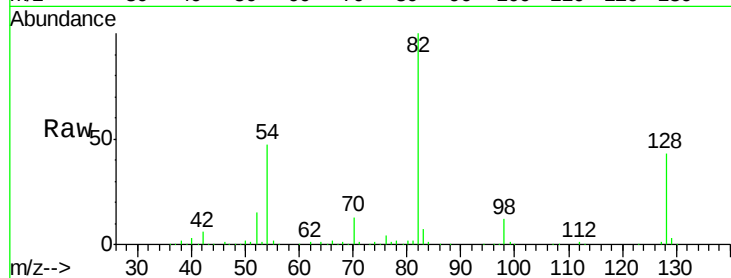
#23
 Nitrobenzene-d5
 Concen: 51.65 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	534595		
128	43.5	41.8	62.8	
54	46.8	33.4	50.0	

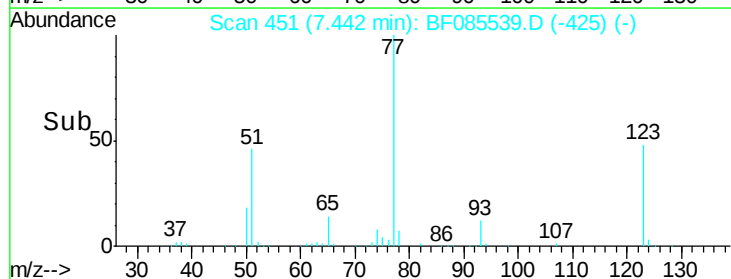
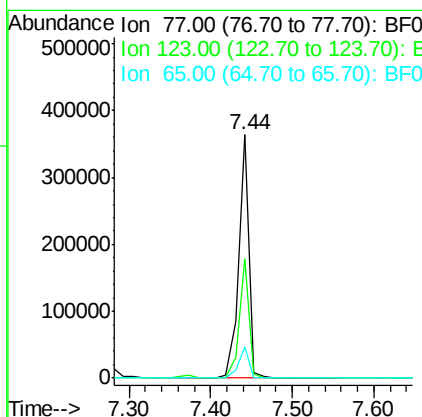
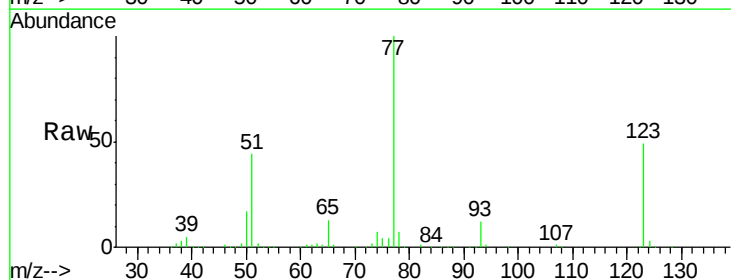
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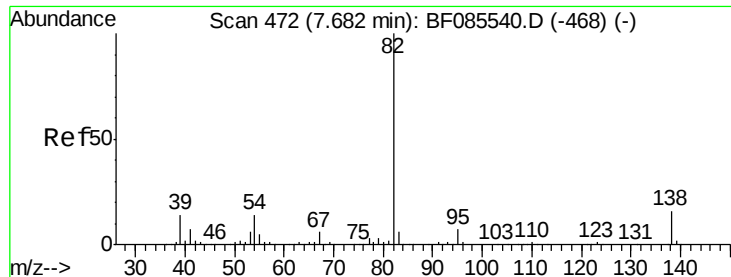
mohammad
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#24
 Nitrobenzene
 Concen: 28.10 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	319139		
123	49.1	35.0	52.4	
65	12.6	10.6	16.0	





#25

Isophorone

Concen: 26.02 ng

RT: 7.68 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

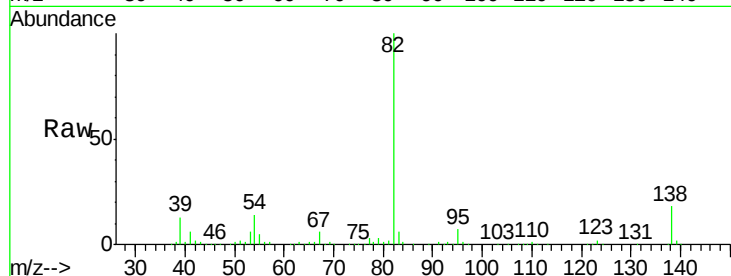
ClientSampleId :

SSTDICC025

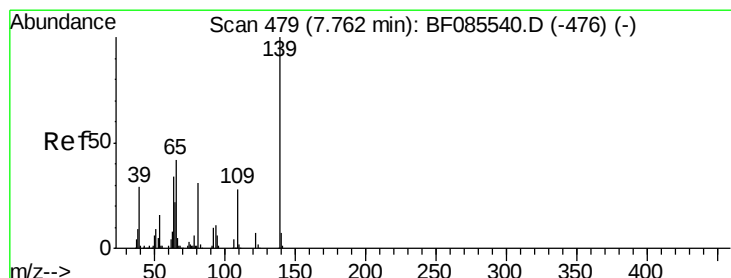
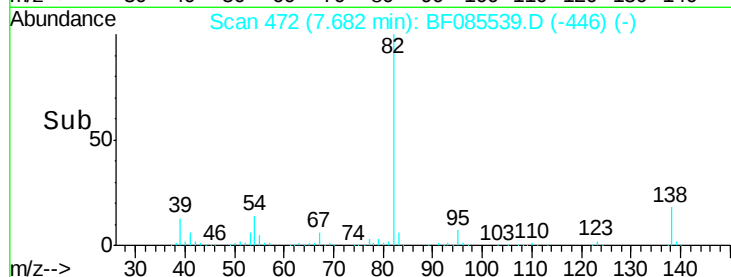
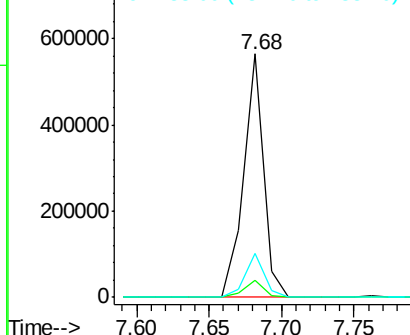
Tgt Ion:	82	Resp:	539870
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.1	12.9	19.3

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



#26

2-Nitrophenol

Concen: 27.23 ng

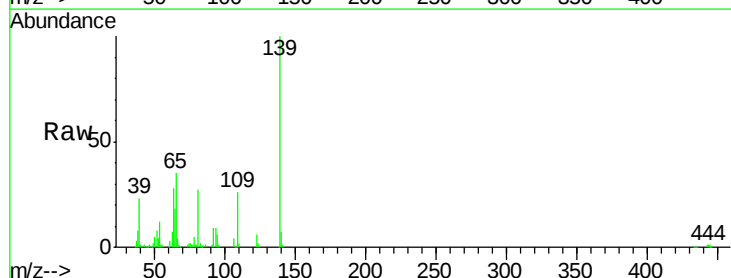
RT: 7.76 min Scan# 479

Delta R.T. 0.00 min

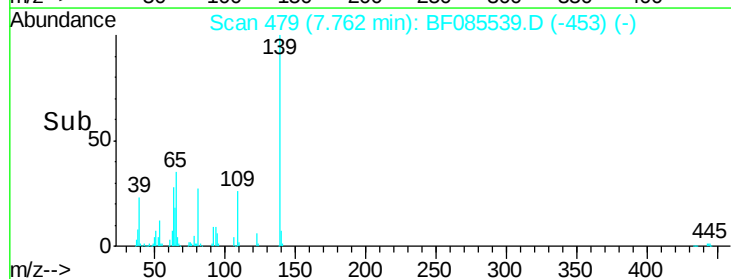
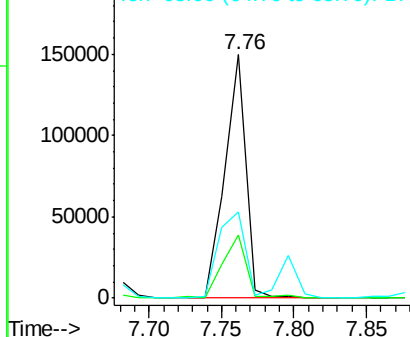
Lab File: BF085539.D

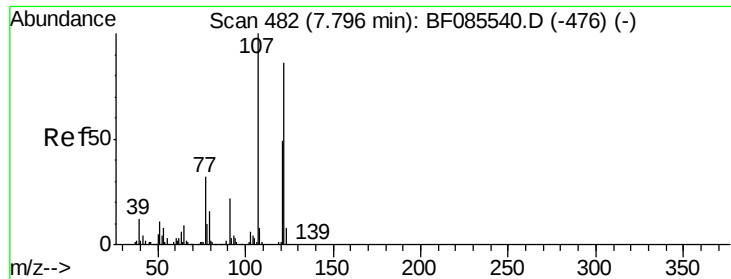
Acq: 18 Mar 2016 18:16

Tgt Ion:	139	Resp:	151697
Ion Ratio		Lower	Upper
139	100		
109	25.7	22.1	33.1
65	35.4	33.9	50.9



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





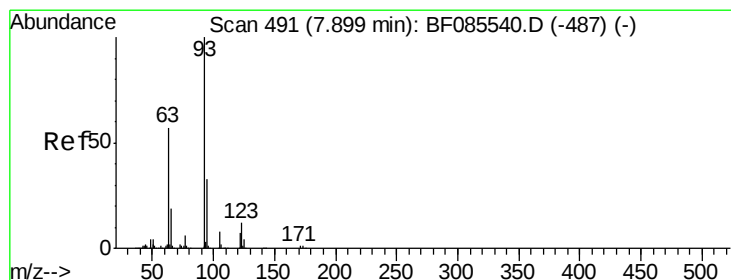
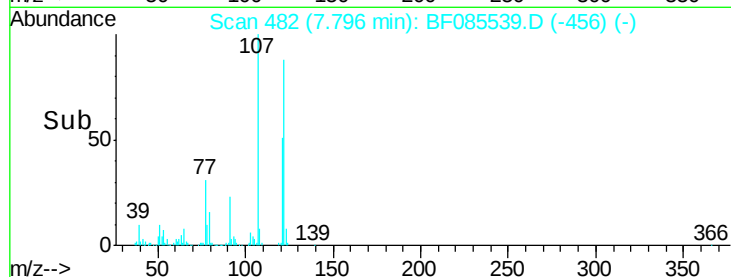
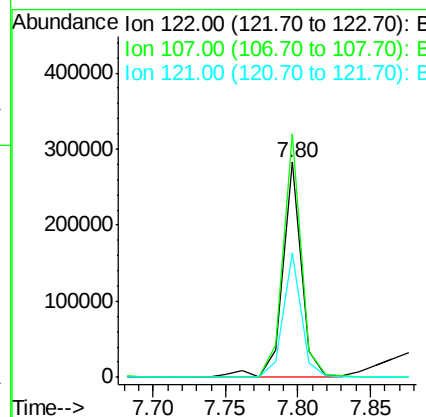
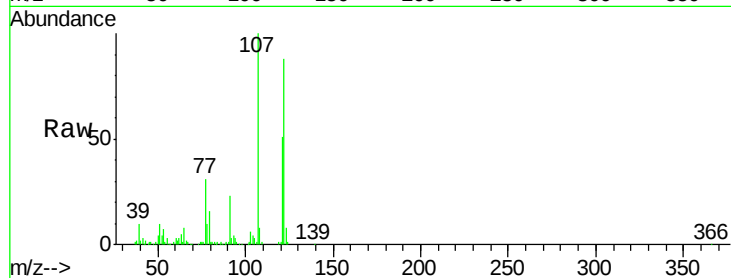
#27
2,4-Dimethylphenol
Concen: 26.22 ng
RT: 7.80 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	255534		
107	113.0	93.0	139.6	
121	58.0	45.9	68.9	

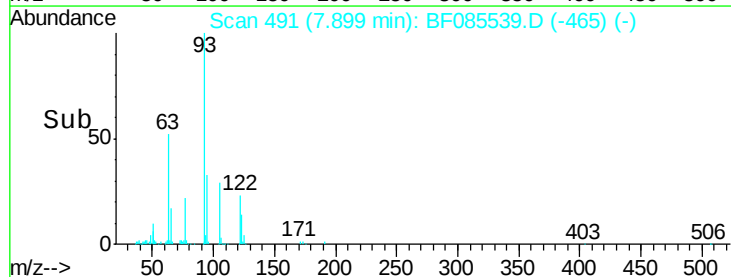
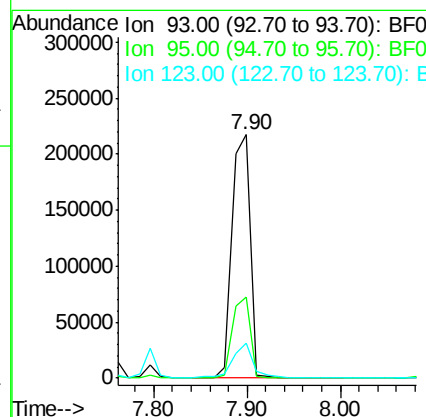
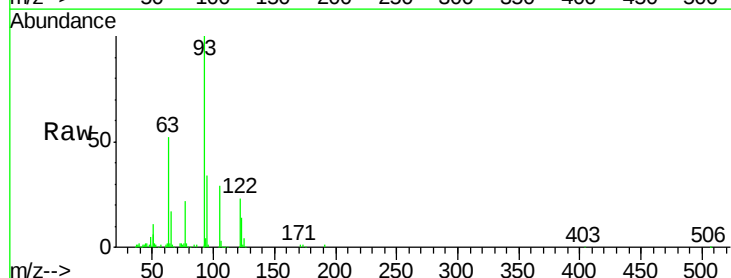
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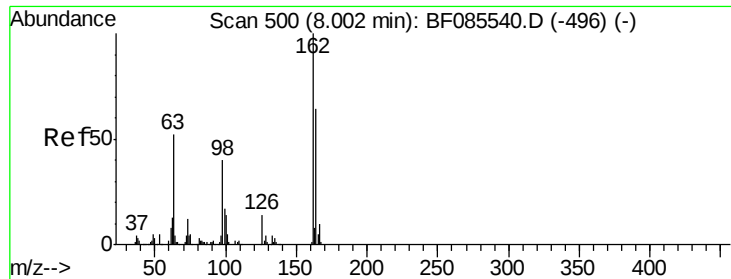
mohammad
3/21/2016 5:05:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 23.96 ng
RT: 7.90 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	298352		
95	33.5	26.4	39.6	
123	14.4	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 27.95 ng

RT: 8.00 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

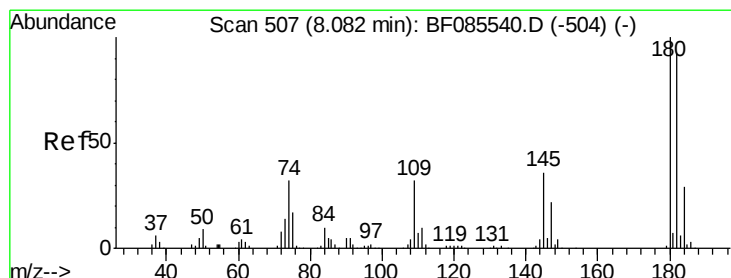
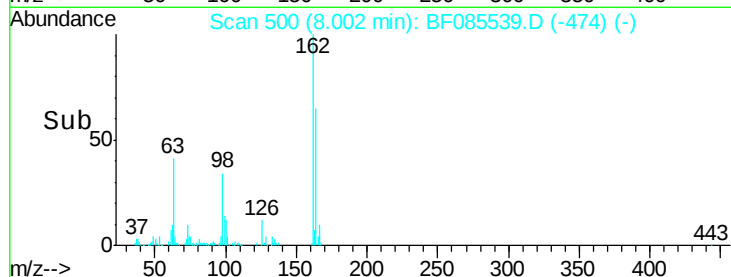
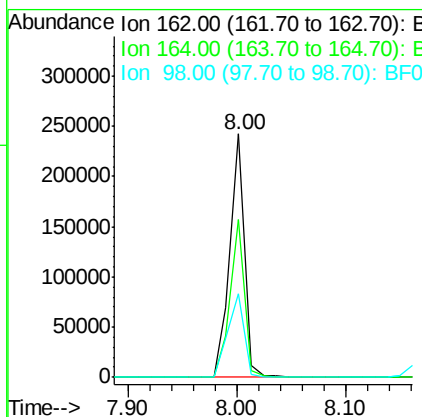
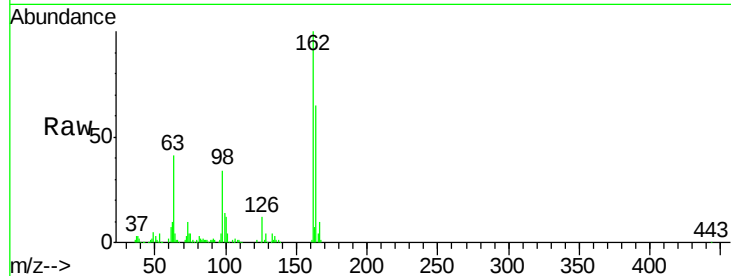
ClientSampleId :

SSTDIC025

Tgt Ion:	162	Resp:	225307
Ion Ratio	Lower	Upper	
162	100		
164	65.1	43.7	83.7
98	34.4	20.4	60.4

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 25.35 ng

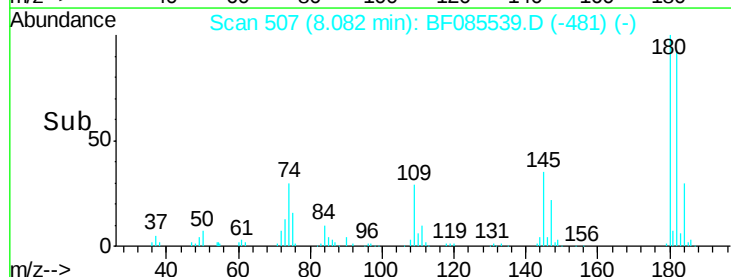
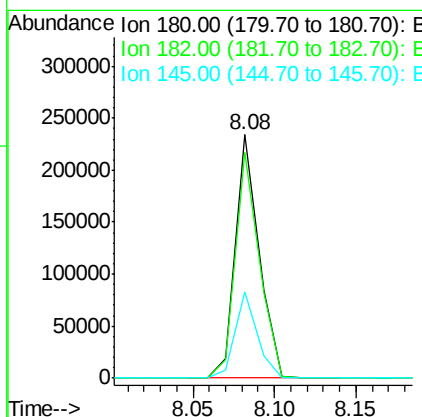
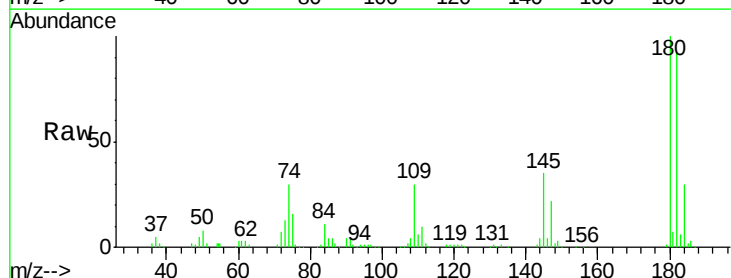
RT: 8.08 min Scan# 507

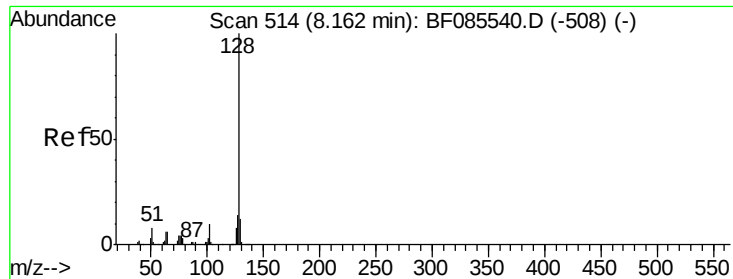
Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Tgt Ion:	180	Resp:	232375
Ion Ratio	Lower	Upper	
180	100		
182	92.5	73.8	110.8
145	35.4	28.4	42.6





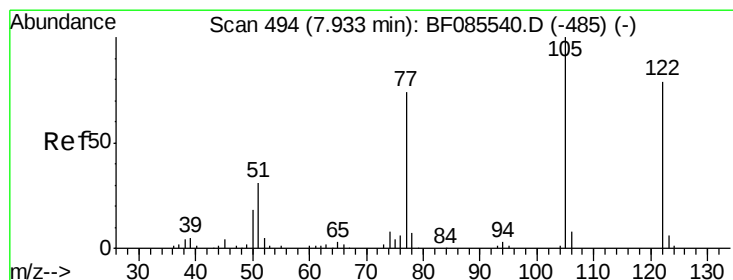
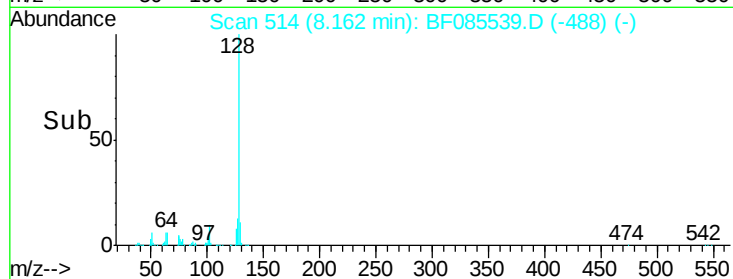
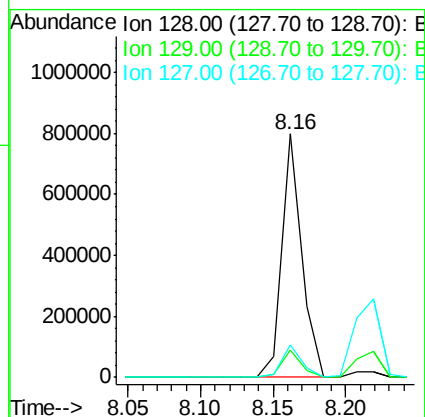
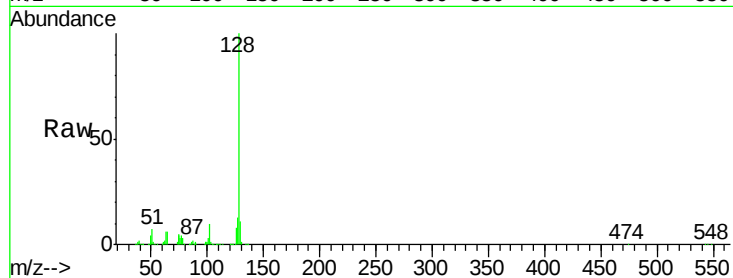
#31
Naphthalene
Concen: 25.80 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.3	9.4	14.0
127	13.3	11.0	16.6

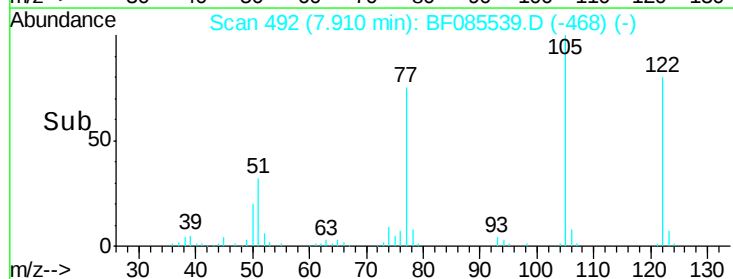
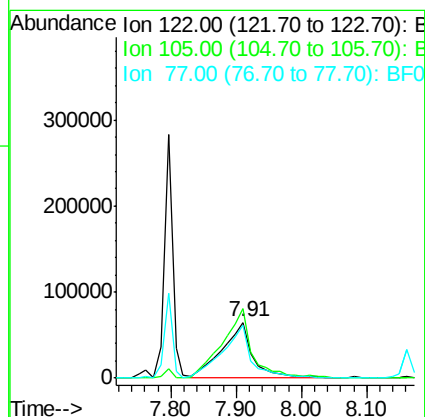
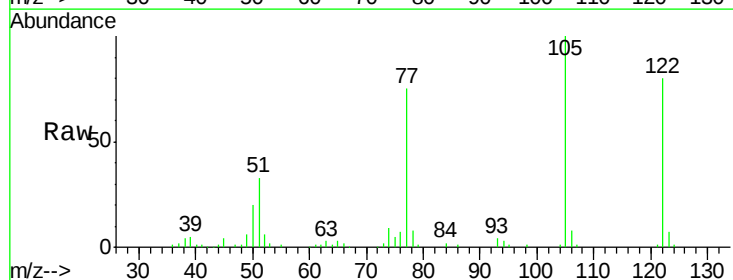
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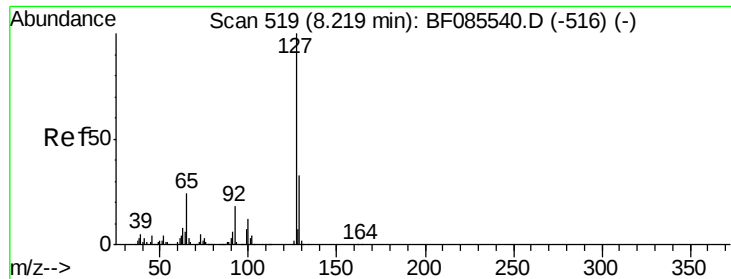
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#32
Benzoic acid
Concen: 34.21 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	124.3	102.9	142.9
77	93.6	71.8	111.8





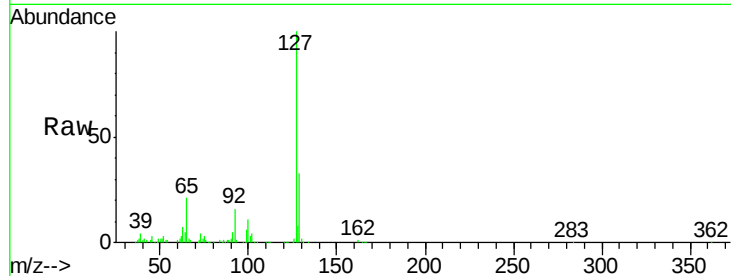
#33
4-Chloroaniline
Concen: 25.27 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

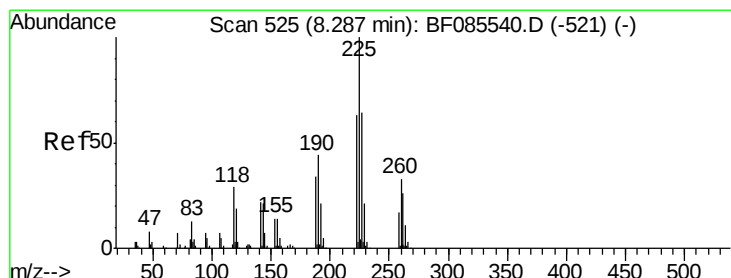
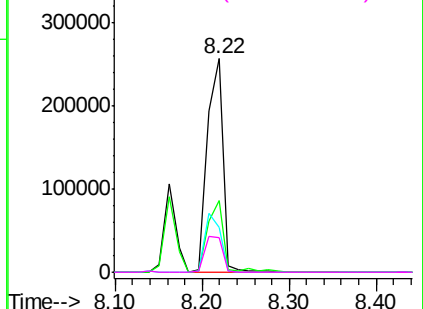
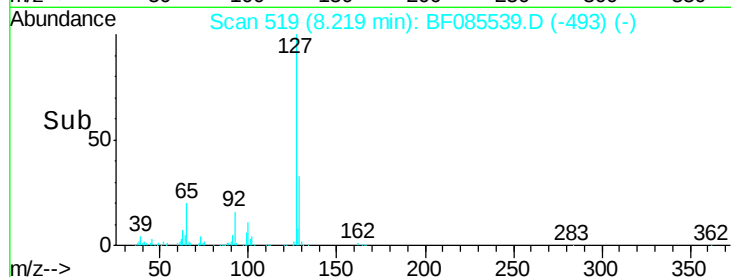
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.4	26.1	39.1
65	20.8	19.5	29.3
92	16.2	14.6	22.0

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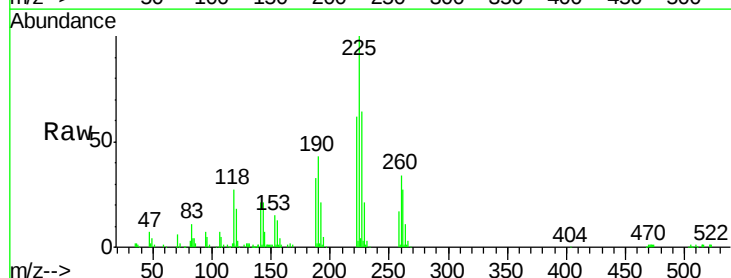


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

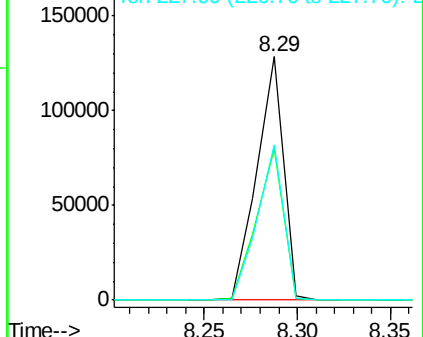
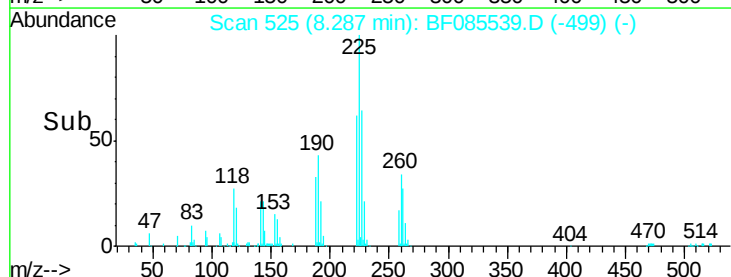


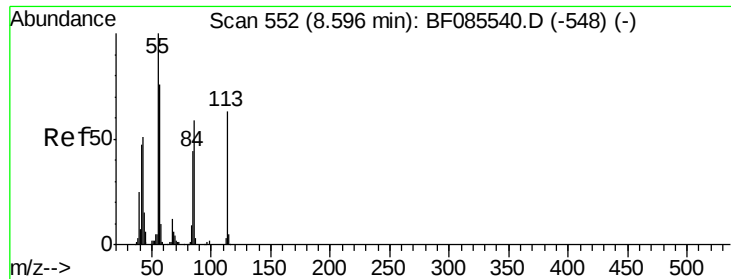
#34
Hexachlorobutadiene
Concen: 26.34 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.3	50.4	75.6
227	63.8	51.4	77.2



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





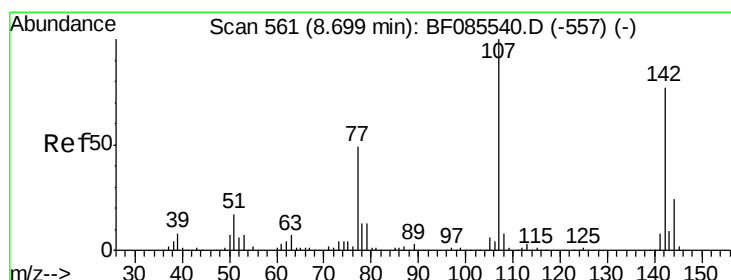
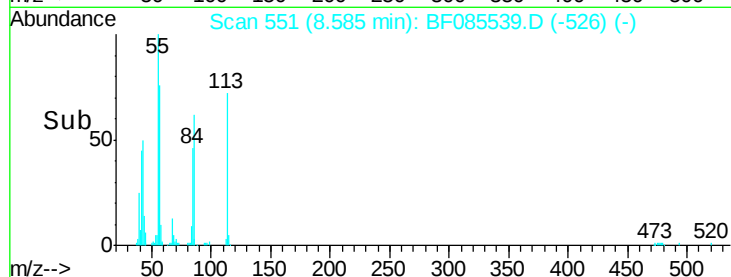
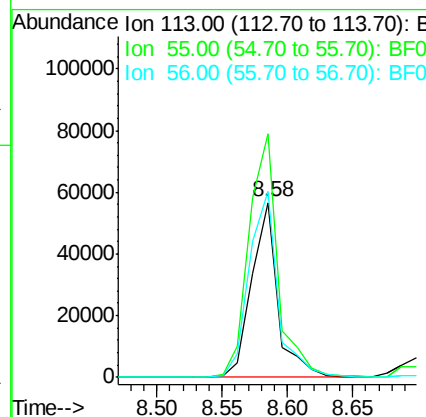
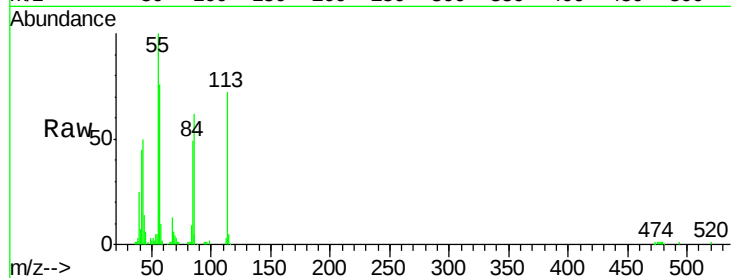
#35
Caprolactam
Concen: 29.96 ng
RT: 8.58 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion:113 Resp: 78988
Ion Ratio Lower Upper
113 100
55 139.3 139.4 179.4#
56 106.4 100.4 140.4

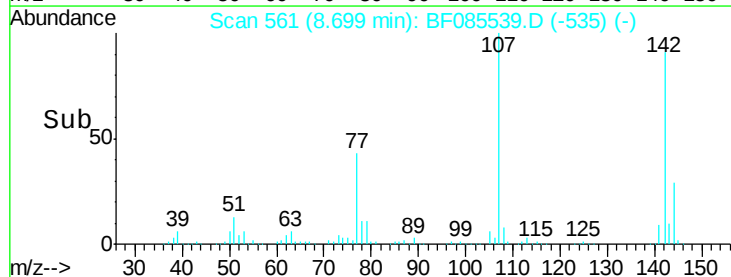
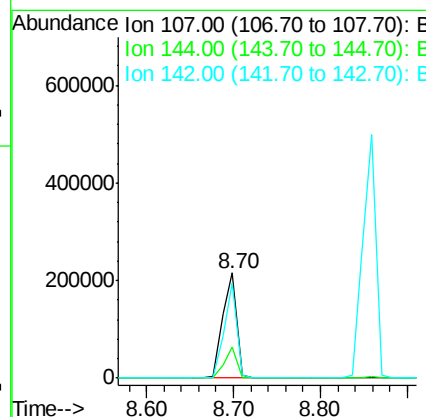
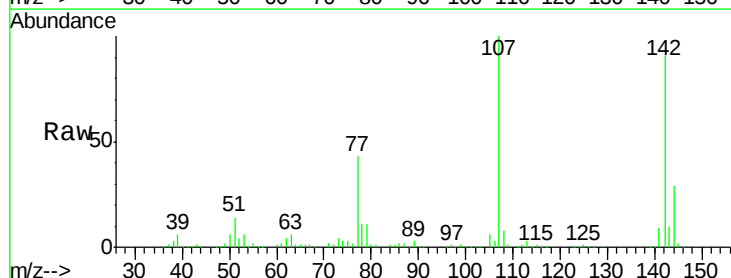
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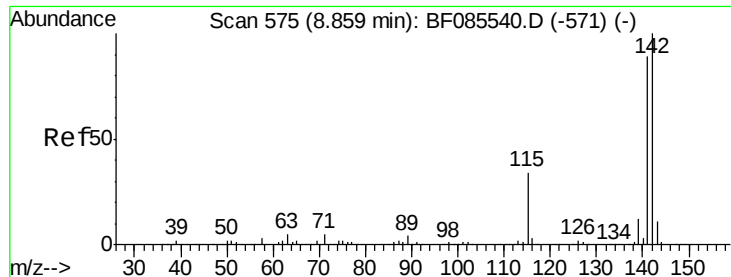
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 26.61 ng
RT: 8.70 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion:107 Resp: 248513
Ion Ratio Lower Upper
107 100
144 29.2 19.3 28.9#
142 90.6 61.4 92.0





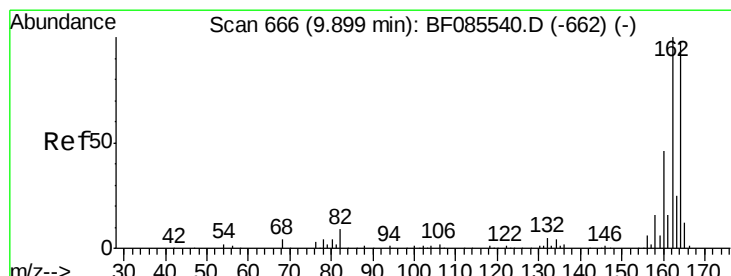
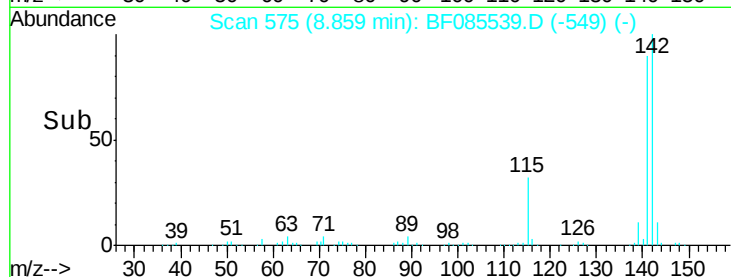
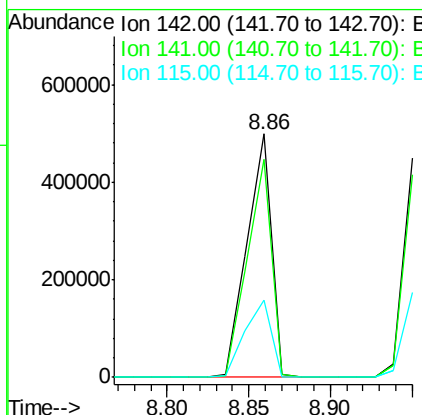
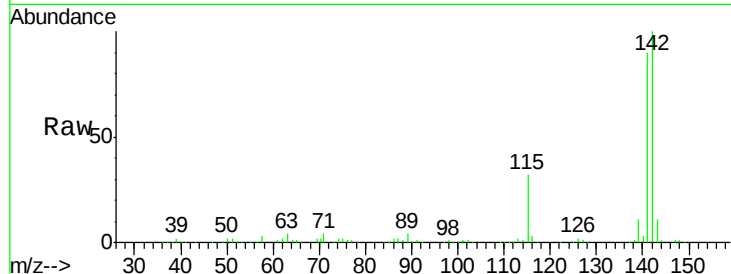
#37
 2-Methylnaphthalene
 Concen: 27.15 ng
 RT: 8.86 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.6	107.4
115	31.9	26.8	40.2

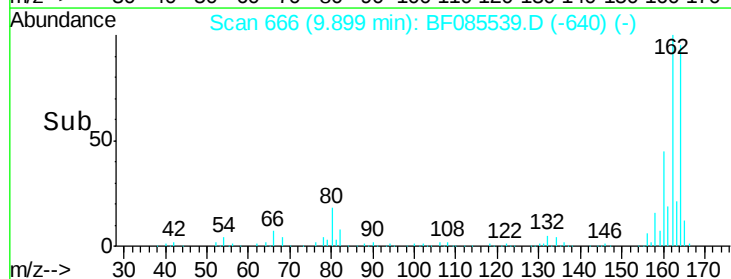
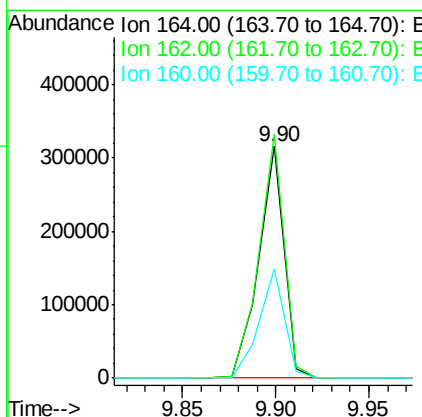
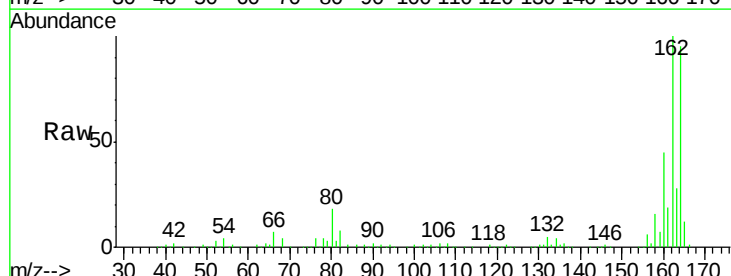
Manual Integrations
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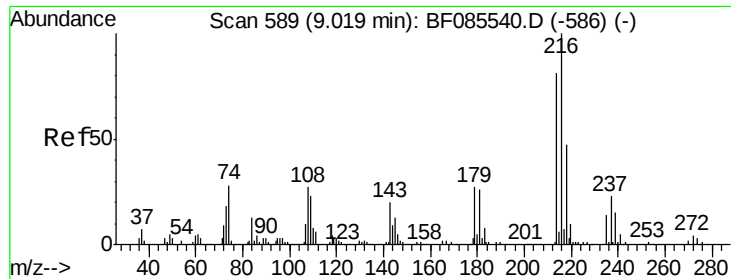
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.1	123.1
160	47.3	37.4	56.2





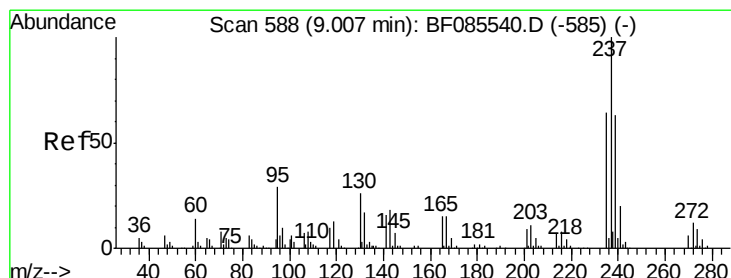
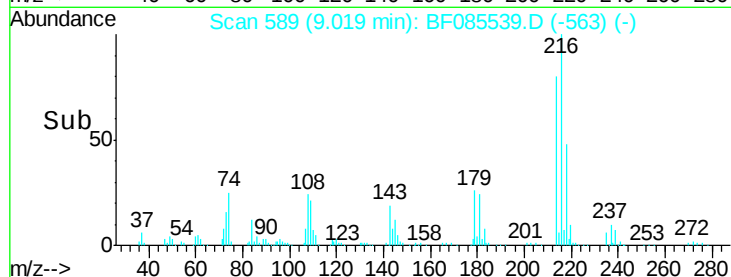
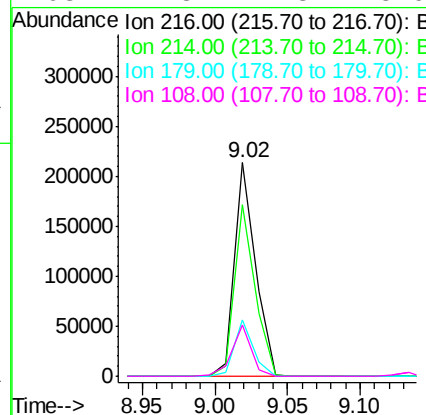
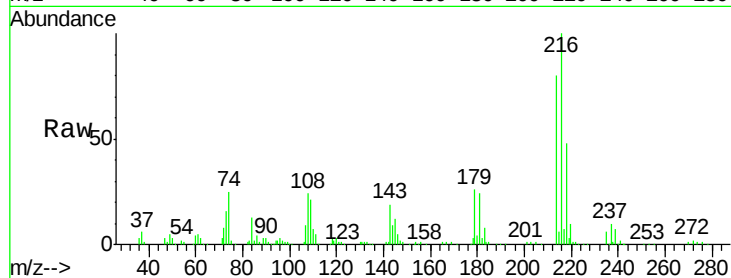
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.99 ng
 RT: 9.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC025

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	214013		
214	78.6	63.1	94.7	
179	23.5	18.2	27.2	
108	22.3	17.3	25.9	

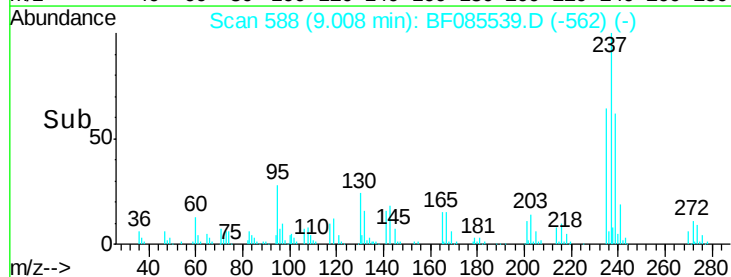
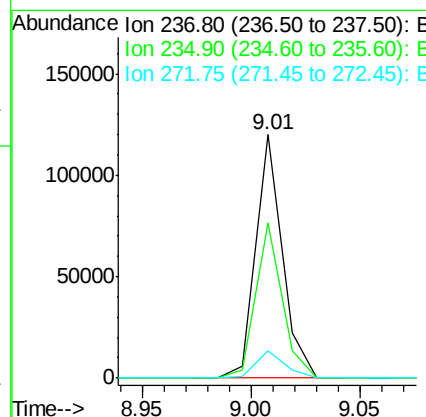
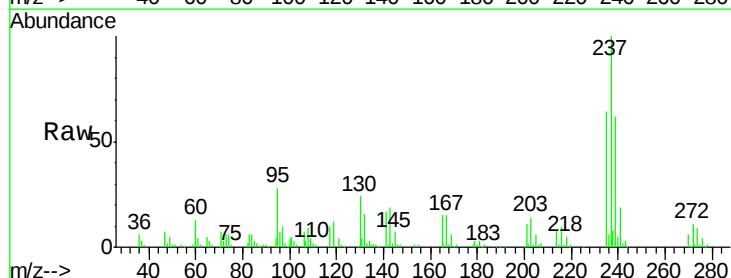
Manual Integrations
 APPROVED

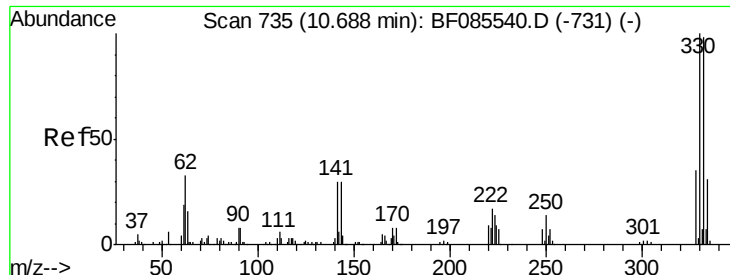
mohammad
 3/21/2016 5:05:31 PM



#40
 Hexachlorocyclopentadiene
 Concen: 23.63 ng
 RT: 9.01 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	101894		
235	63.7	43.7	83.7	
272	11.2	0.0	31.9	





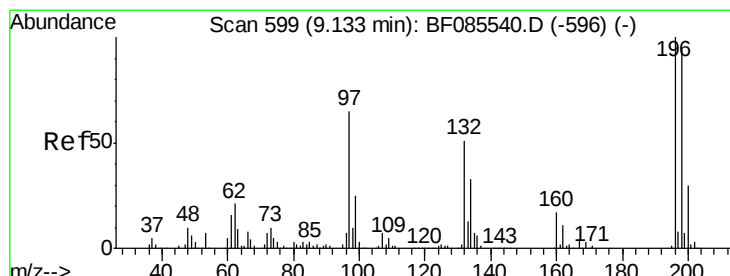
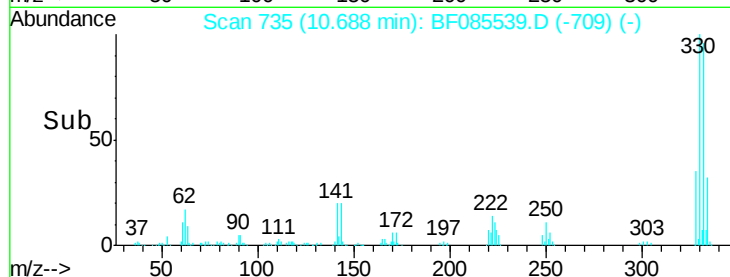
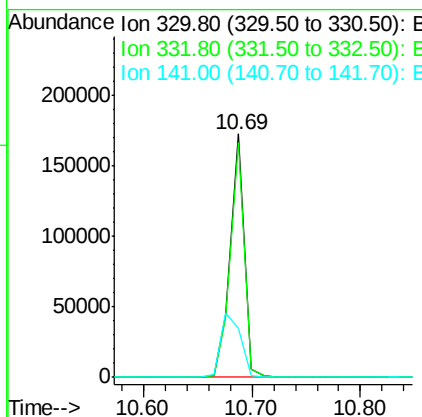
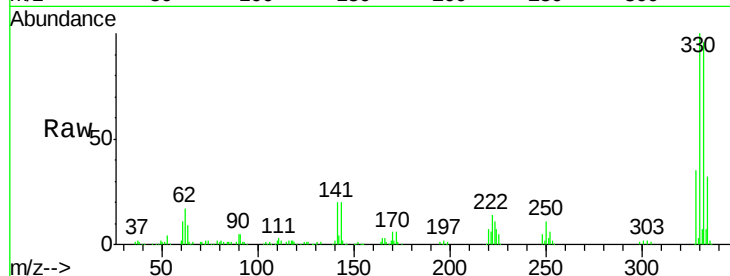
#41
 2,4,6-Tribromophenol
 Concen: 57.44 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	154807		
332	96.3	78.2	117.2	
141	37.1	31.5	47.3	

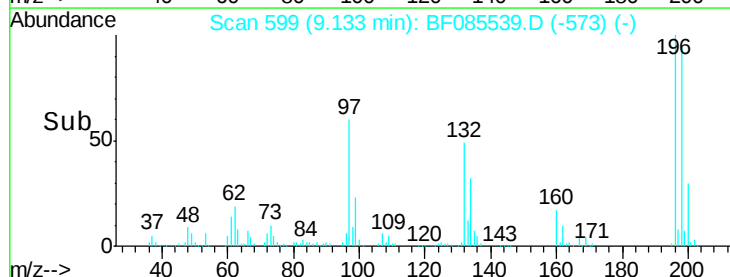
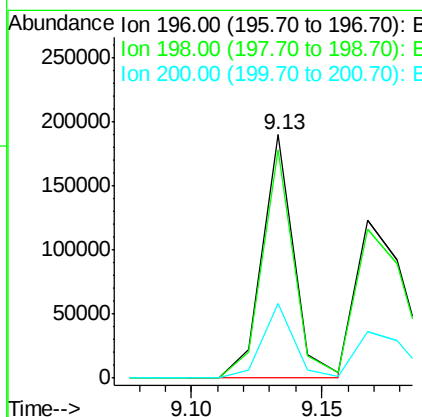
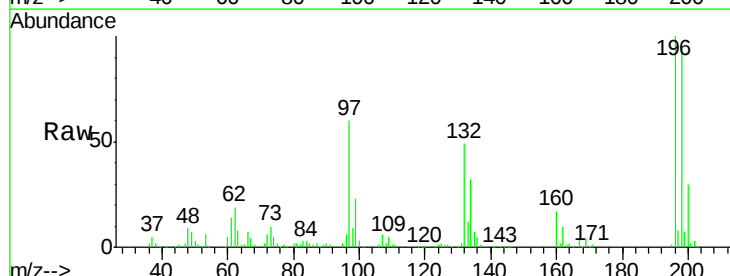
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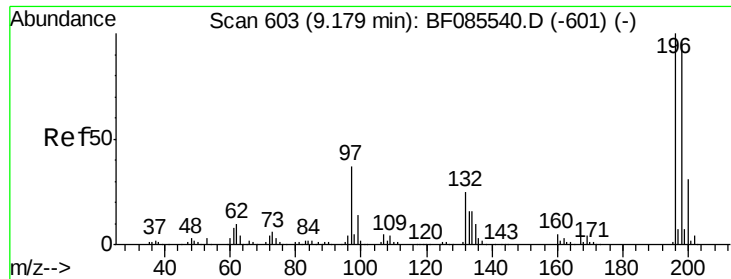
mohammad
 3/21/2016 5:05:31 PM



#42
 2,4,6-Trichlorophenol
 Concen: 26.62 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

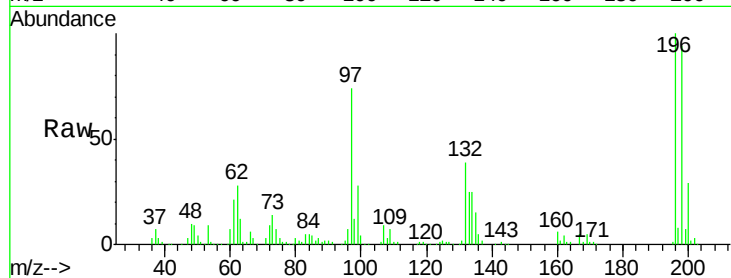
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160538		
198	93.8	75.3	112.9	
200	30.5	23.7	35.5	





#43
 2,4,5-Trichlorophenol
 Concen: 25.25 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

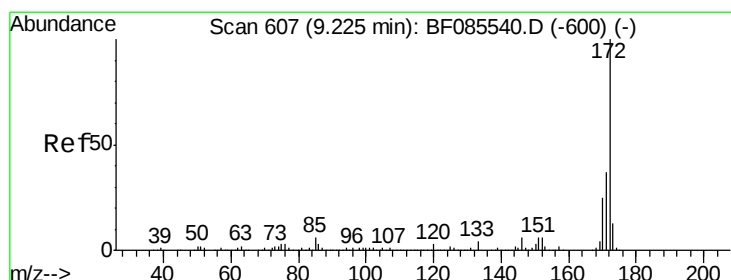
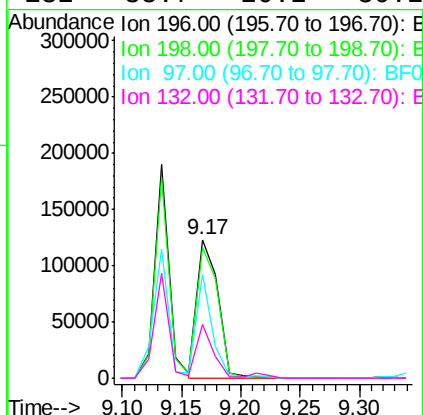
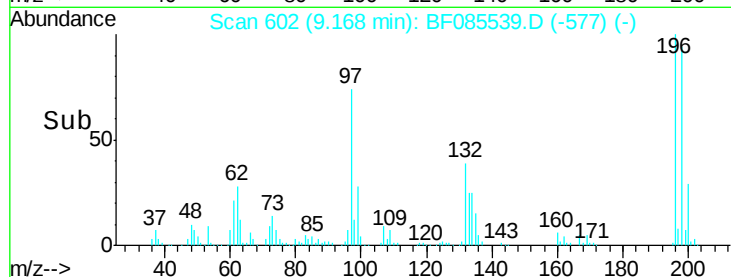
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153980		
198	93.8	76.6	114.8	
97	74.4	30.5	45.7	#
132	38.7	20.2	30.2	#

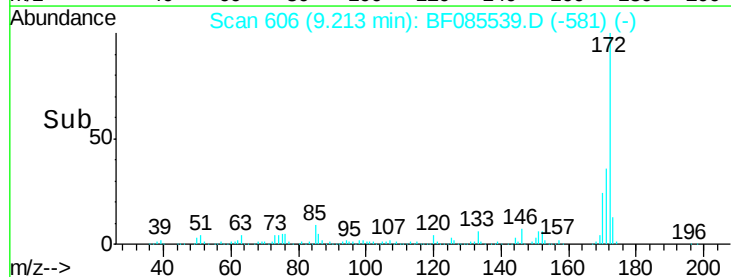
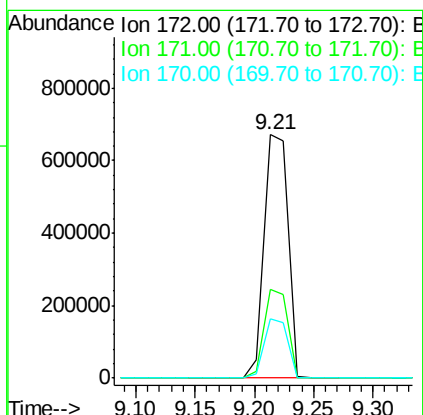
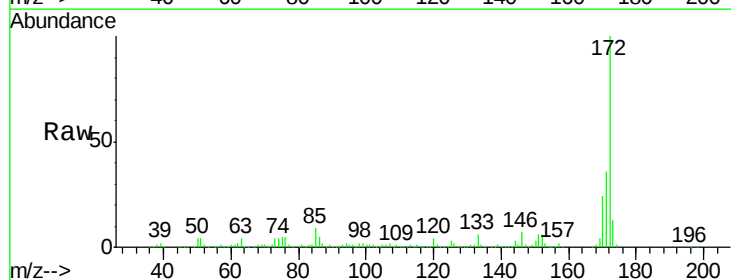
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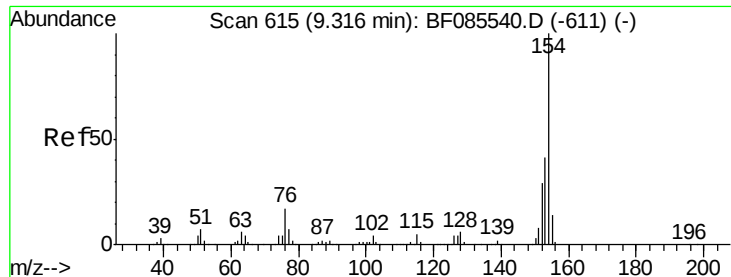
mohammad
 3/21/2016 5:05:31 PM



#44
 2-Fluorobiphenyl
 Concen: 54.33 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	948434		
171	36.4	29.4	44.2	
170	24.2	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 25.97 ng

RT: 9.32 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

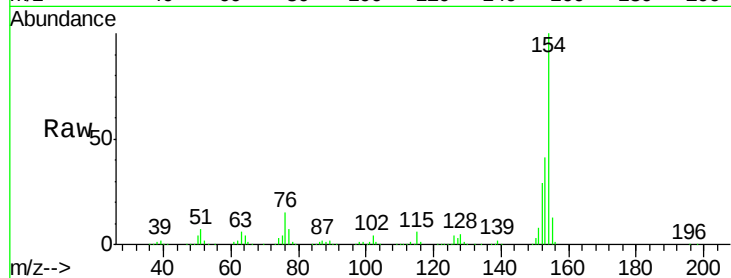
ClientSampleId :

SSTDICC025

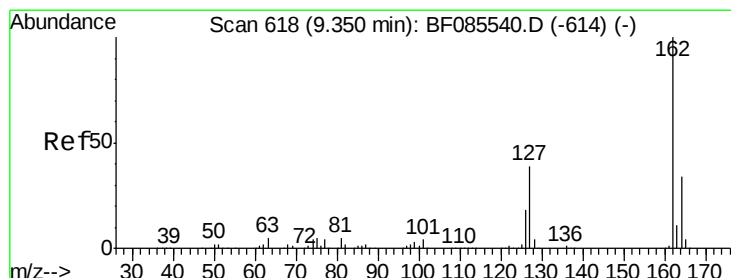
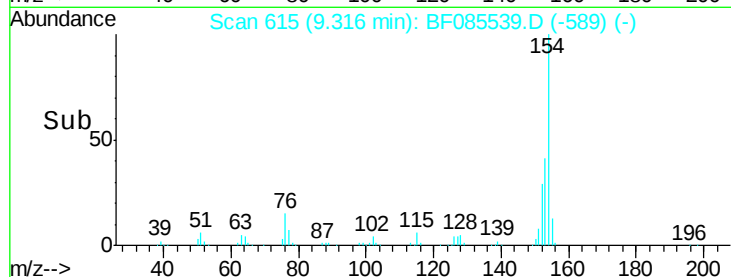
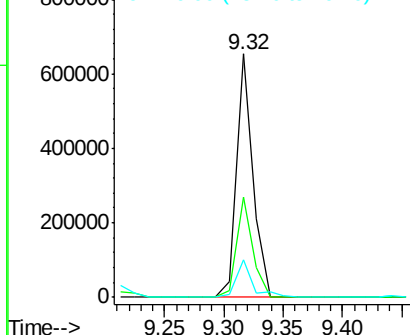
Tgt Ion:	154	Resp:	624126
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.8	60.8
76	15.3	0.0	36.7

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



#46

2-Chloronaphthalene

Concen: 25.44 ng

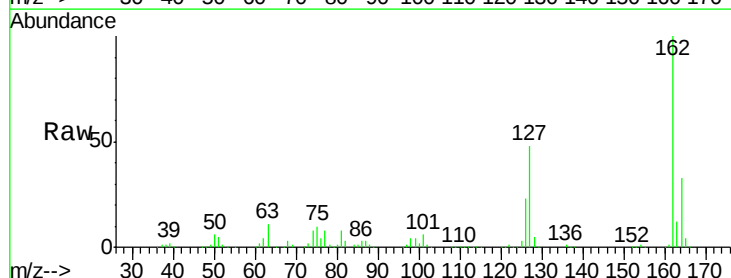
RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

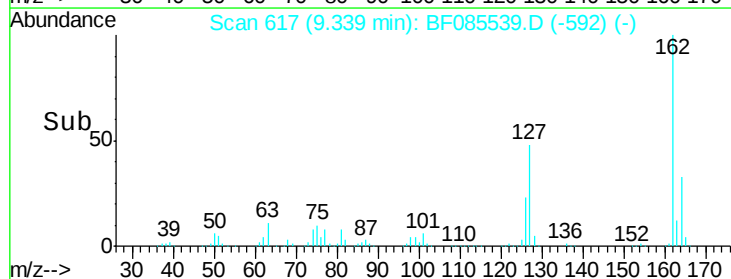
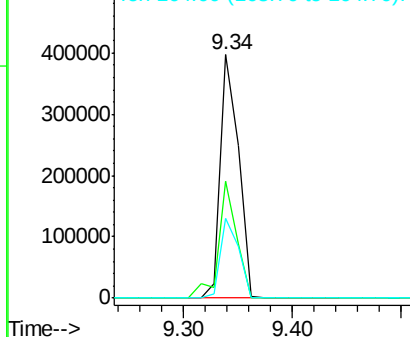
Lab File: BF085539.D

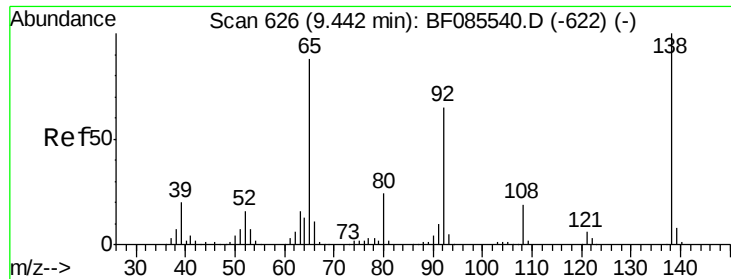
Acq: 18 Mar 2016 18:16

Tgt Ion:	162	Resp:	462913
Ion Ratio	Lower	Upper	
162	100		
127	48.2	31.7	47.5#
164	32.7	27.3	40.9



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





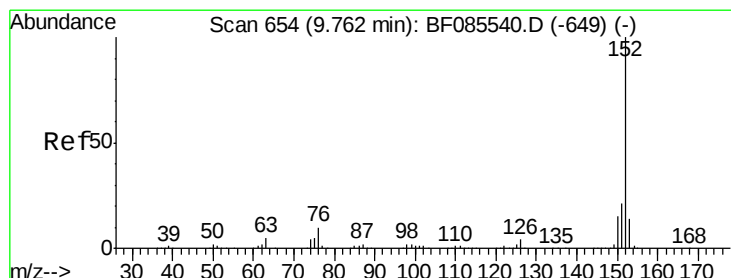
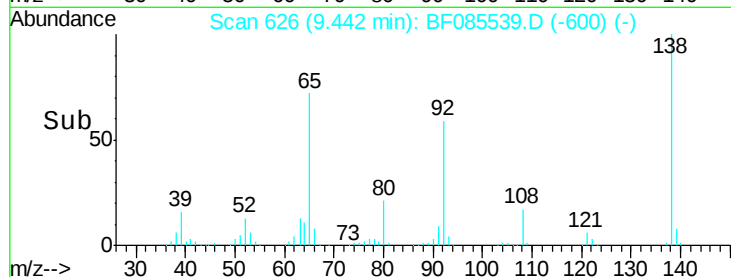
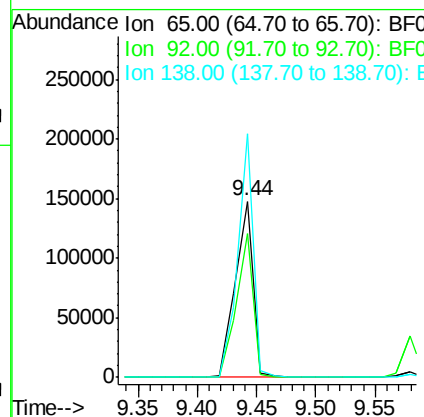
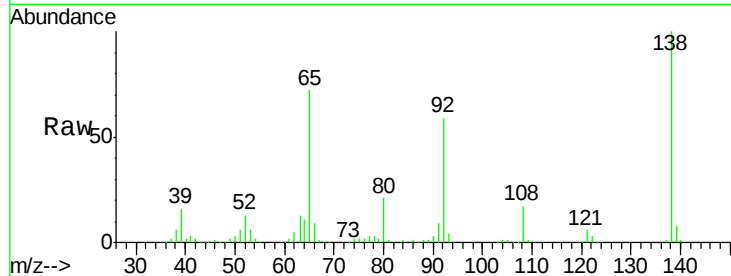
#47
 2-Nitroaniline
 Concen: 27.80 ng
 RT: 9.44 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
65	100		
92	81.8	59.7	89.5
138	138.3	91.4	137.0#

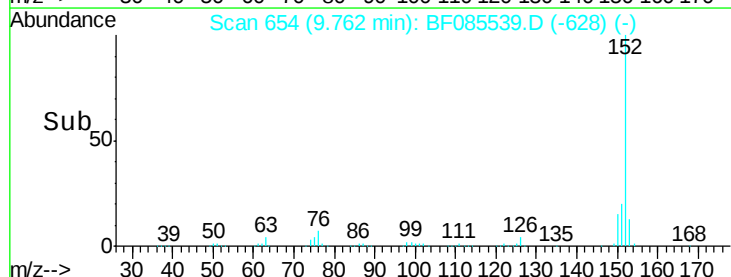
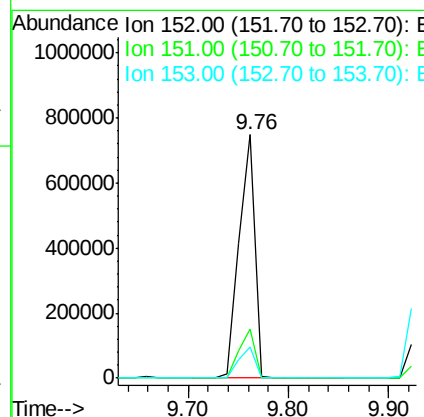
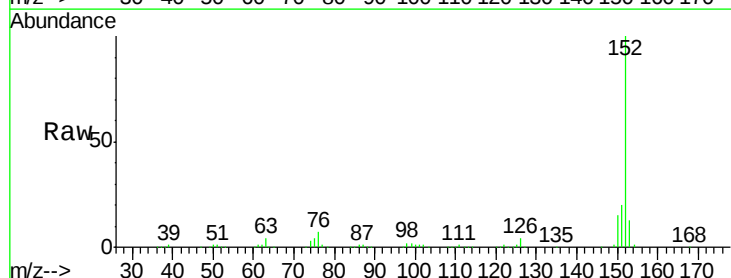
Manual Integrations
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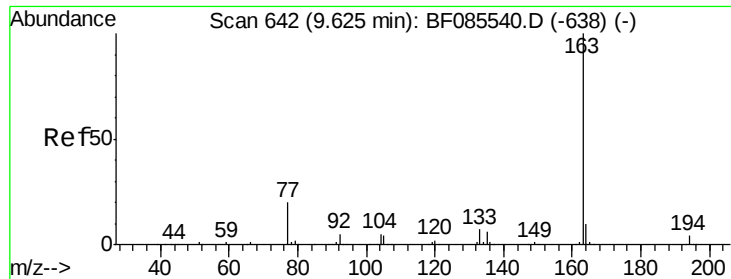
mohammad
 3/21/2016 5:05:31 PM



#48
 Acenaphthylene
 Concen: 27.48 ng
 RT: 9.76 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.0	10.9	16.3





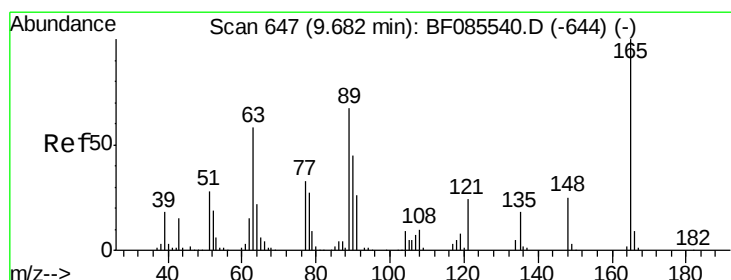
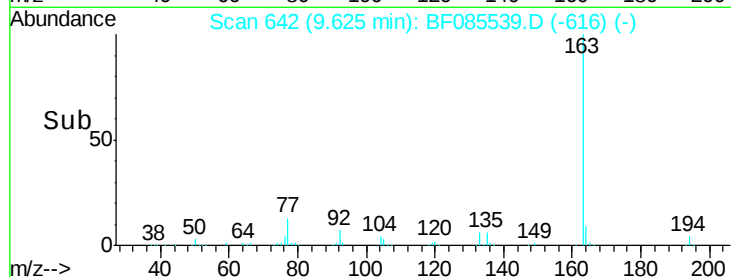
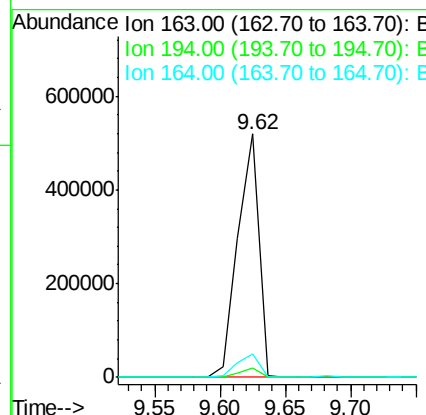
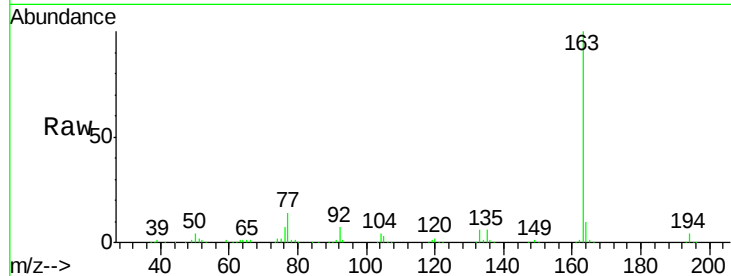
#49
Dimethylphthalate
Concen: 26.96 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	577394		
194	3.9		2.9	4.3
164	9.9		8.3	12.5

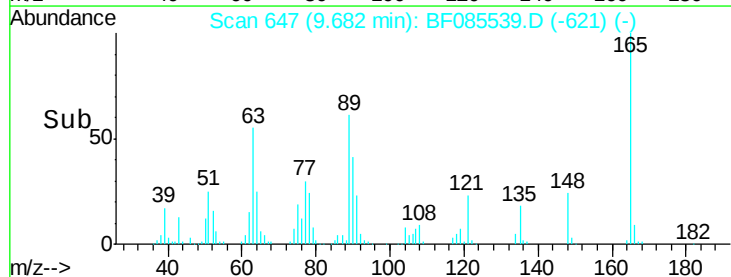
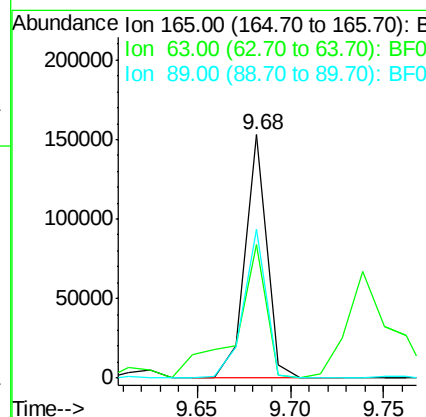
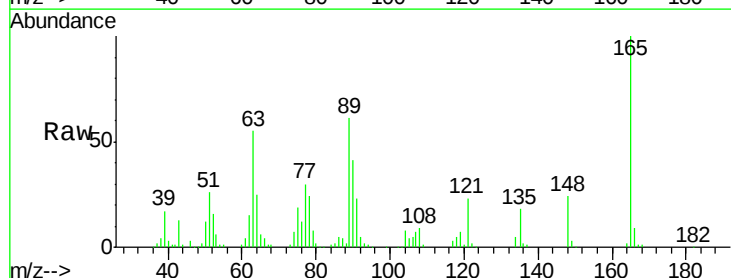
Manual Integrations
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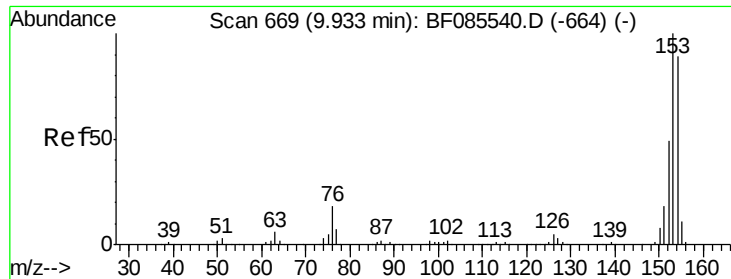
mohammad
3/21/2016 5:05:31 PM



#50
2,6-Dinitrotoluene
Concen: 27.28 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125139		
63	54.8		51.8	77.8
89	61.0		53.7	80.5





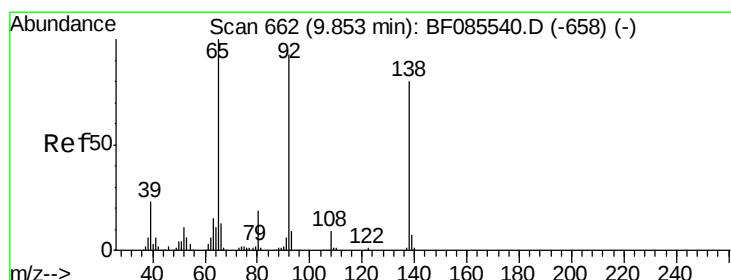
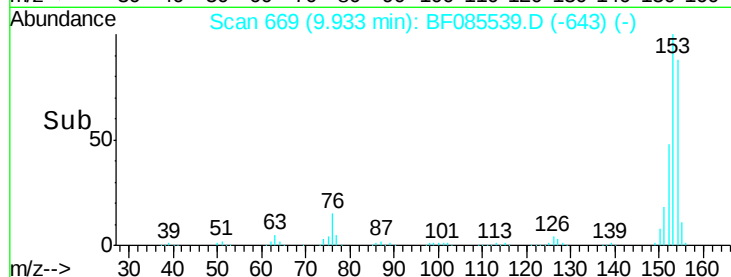
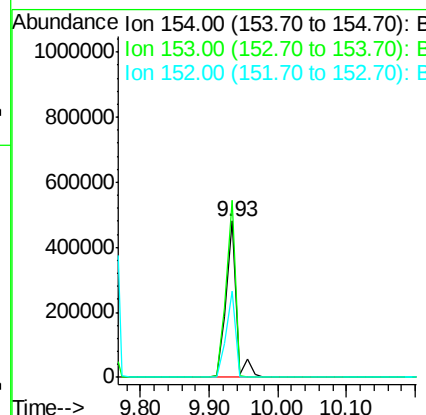
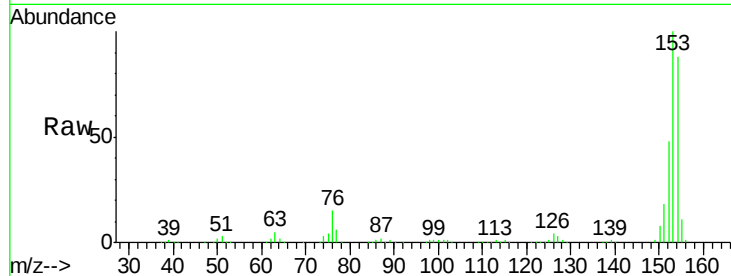
#51
Acenaphthene
Concen: 27.96 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	515618		
153	113.4	90.1	135.1	
152	54.9	44.2	66.2	

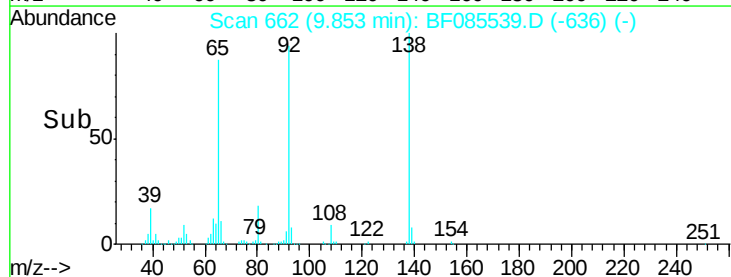
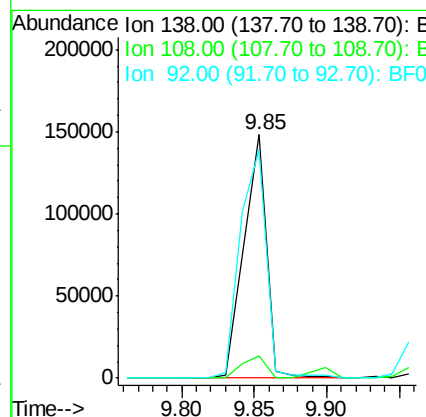
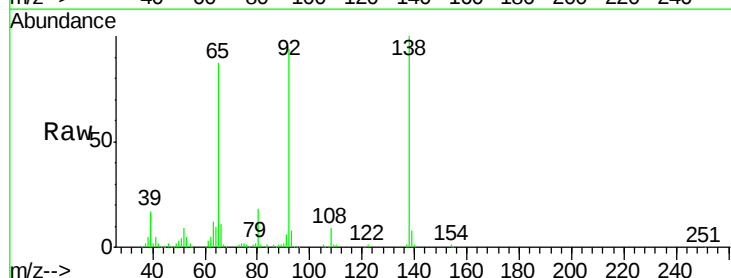
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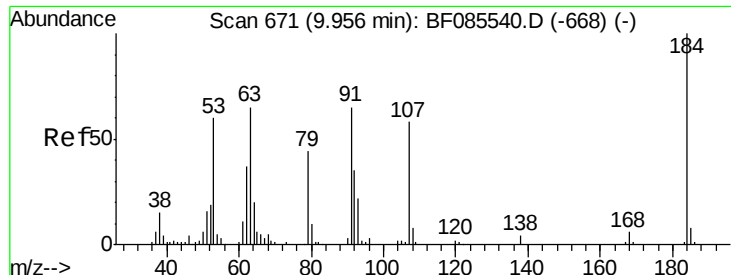
mohammad
3/21/2016 5:05:31 PM



#52
3-Nitroaniline
Concen: 28.64 ng
RT: 9.85 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	159469		
108	9.1	8.7	13.1	
92	93.8	93.3	139.9	





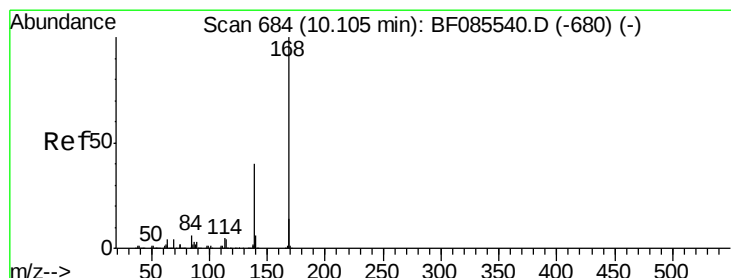
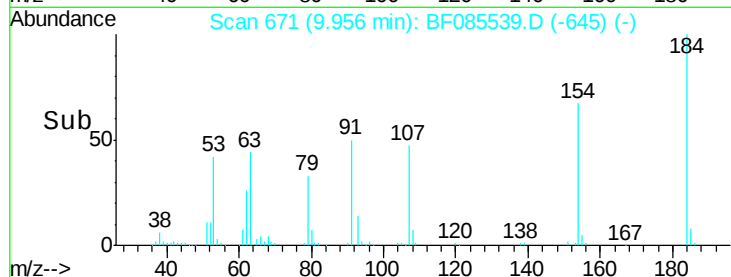
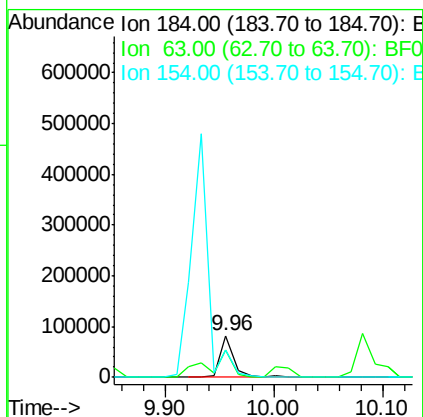
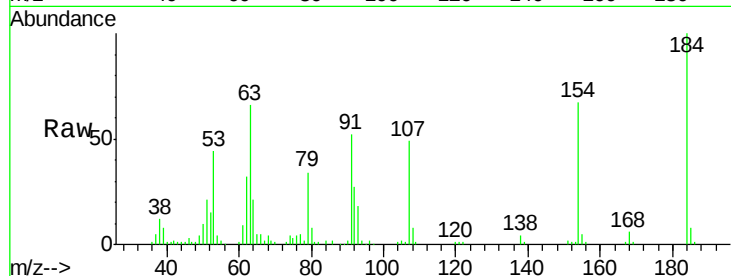
#53
2,4-Dinitrophenol
Concen: 33.19 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	69.5	104.3#
154	67.0	58.3	87.5

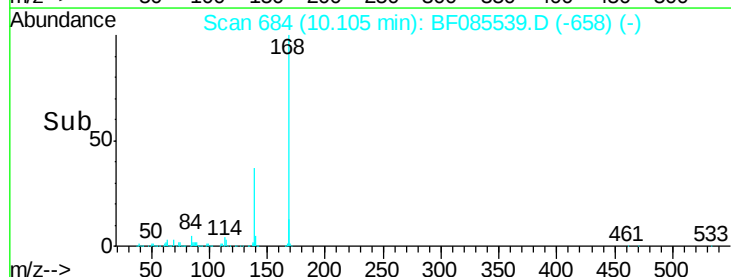
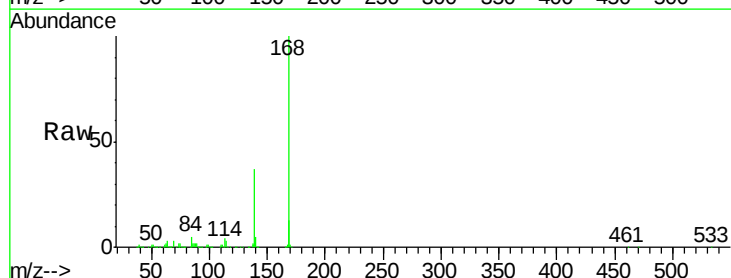
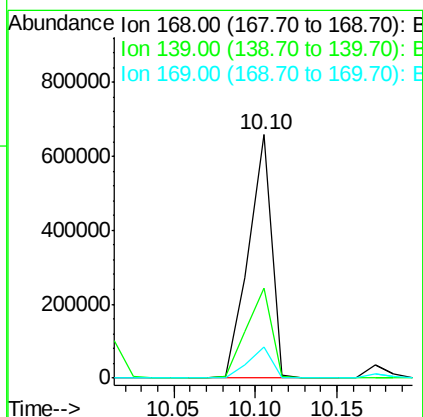
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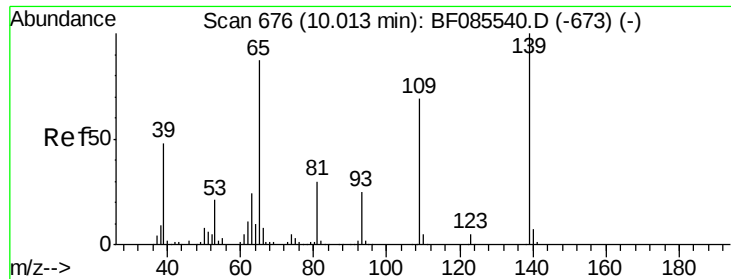
mohammad
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#54
Dibenzofuran
Concen: 28.40 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	31.9	47.9
169	12.9	11.0	16.6





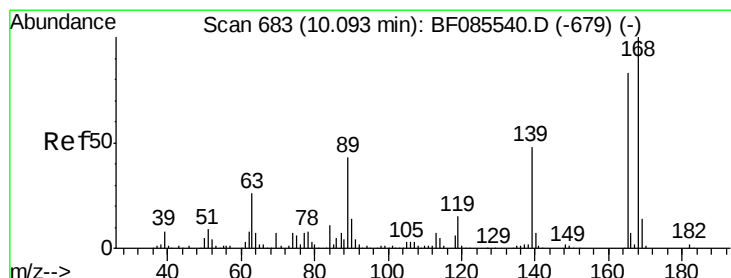
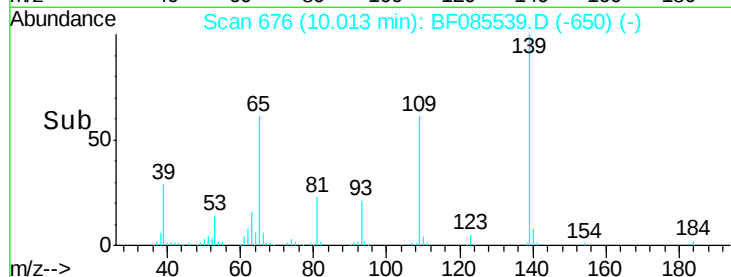
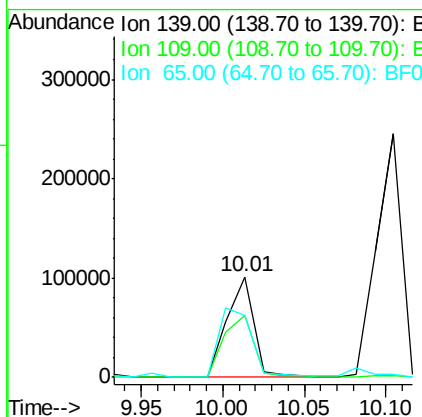
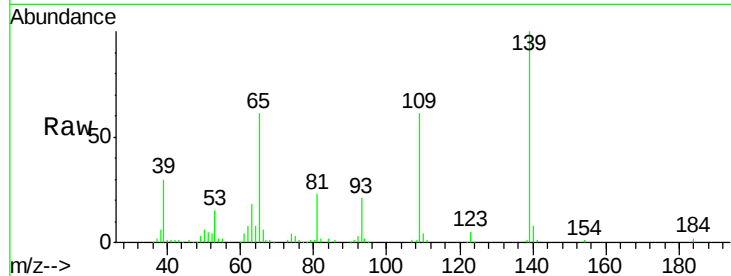
#55
4-Nitrophenol
Concen: 28.93 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116665		
109	61.3	49.2	89.2	
65	61.1	66.9	106.9	

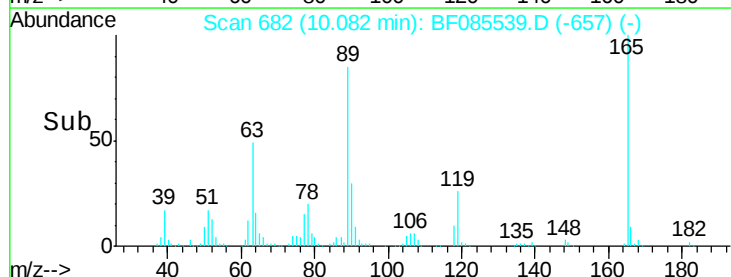
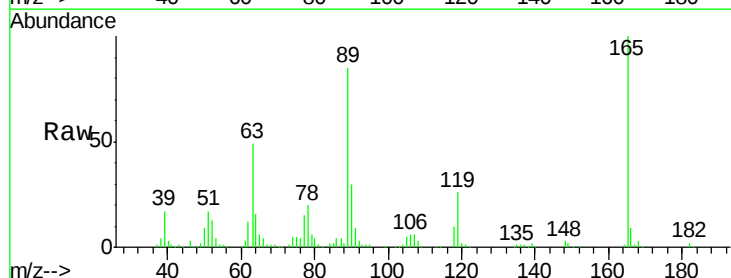
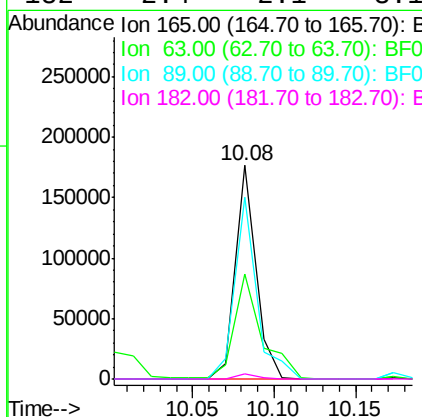
Manual Integrations
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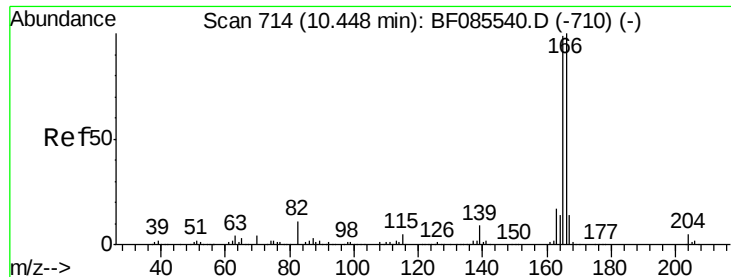
mohammad
3/21/2016 5:05:31 PM



#56
2,4-Dinitrotoluene
Concen: 25.61 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153550		
63	49.2	24.9	37.3	
89	84.9	41.0	61.6	
182	2.4	2.1	3.1	





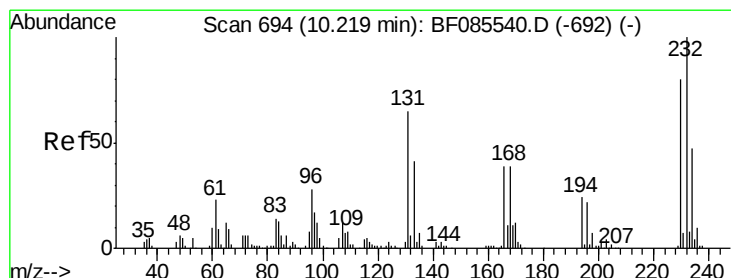
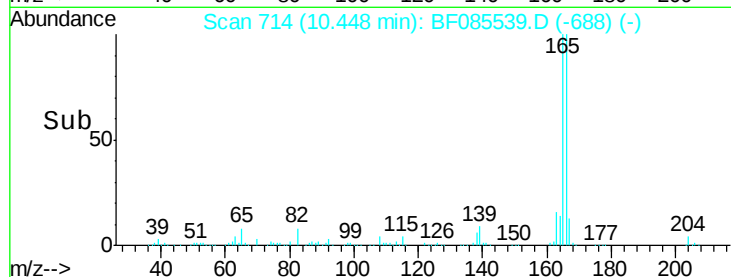
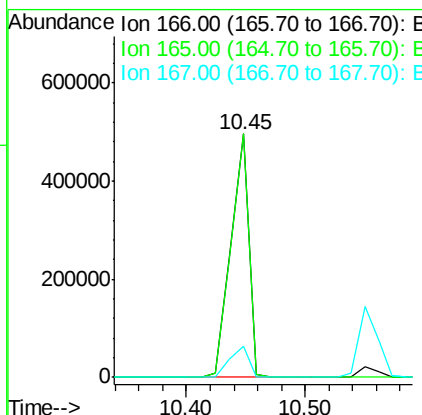
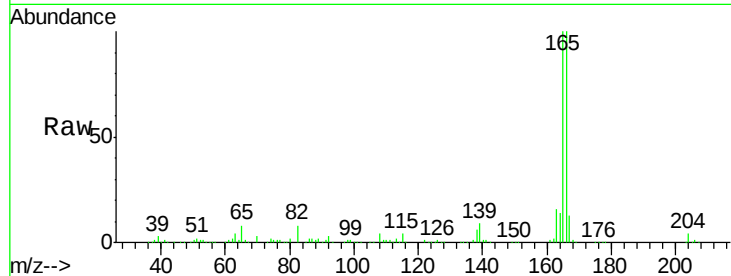
#57
 Fluorene
 Concen: 28.24 ng
 RT: 10.45 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	521847		
165	100.0	79.4	119.0	
167	13.0	11.0	16.4	

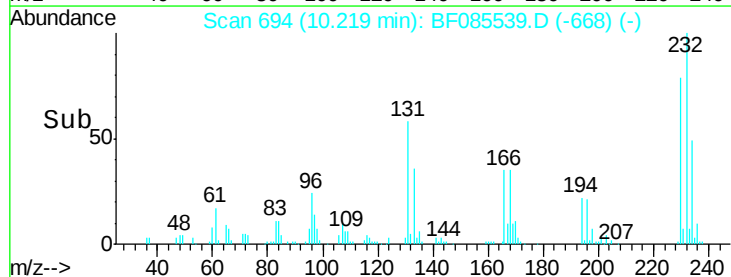
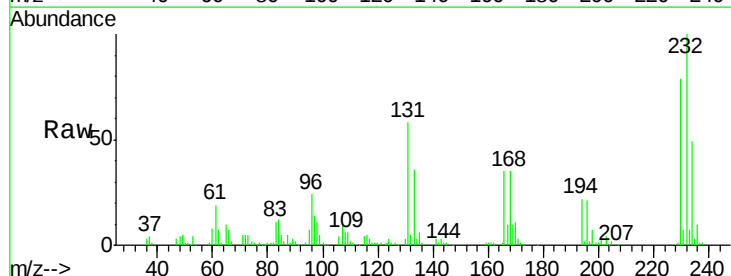
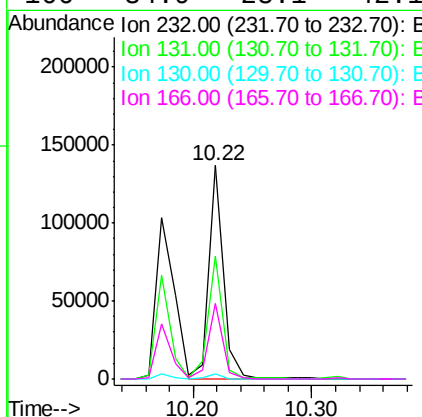
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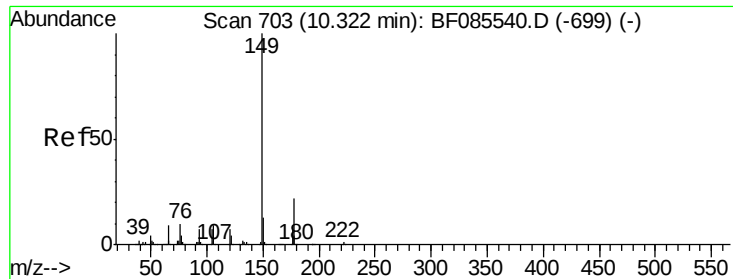
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.11 ng
 RT: 10.22 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	117698		
131	56.3	44.9	67.3	
130	2.7	2.3	3.5	
166	34.9	28.1	42.1	





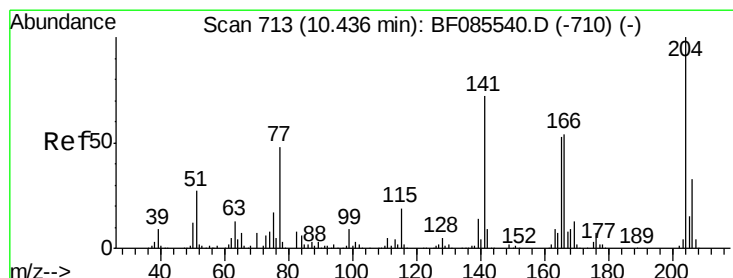
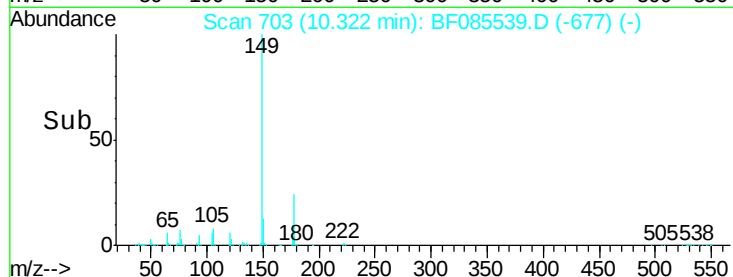
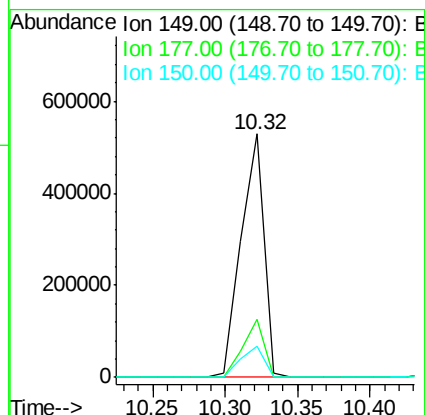
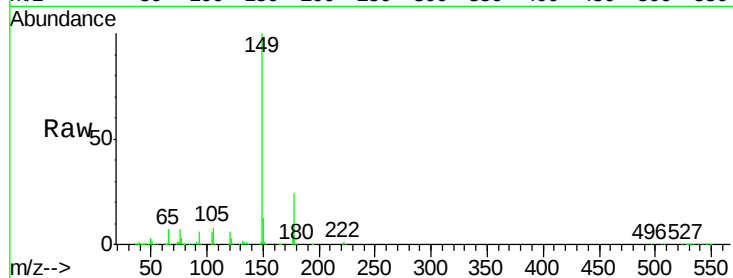
#59
Diethylphthalate
Concen: 27.38 ng
RT: 10.32 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	578758		
177	23.7	17.9	26.9	
150	12.6	10.2	15.2	

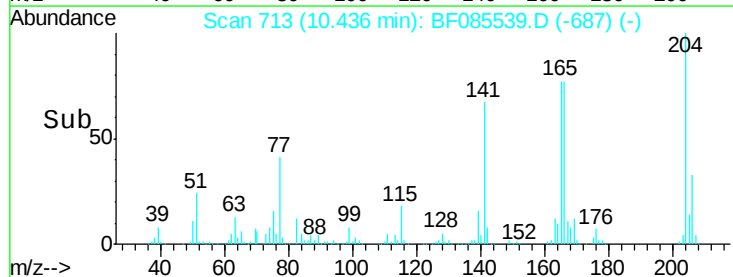
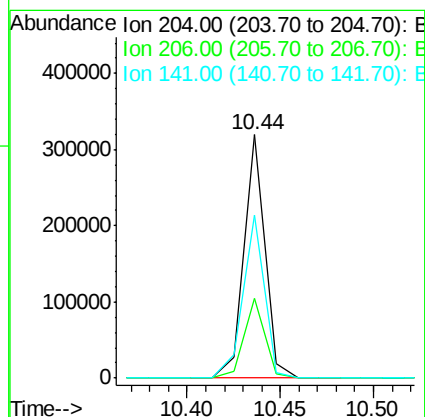
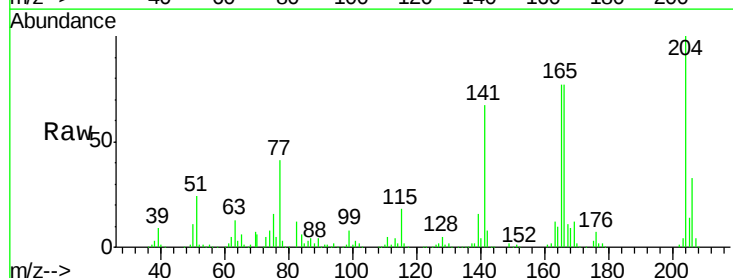
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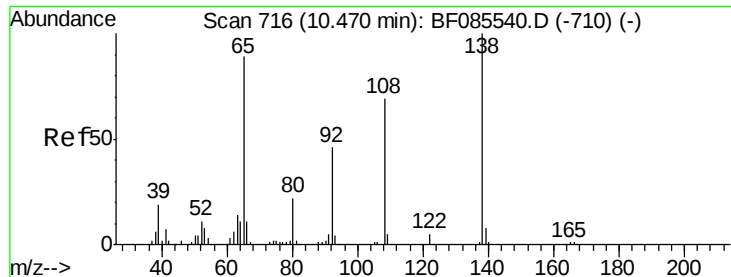
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#60
4-Chlorophenyl-phenylether
Concen: 27.40 ng
RT: 10.44 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	251250		
206	32.6	26.6	39.8	
141	66.7	57.4	86.0	





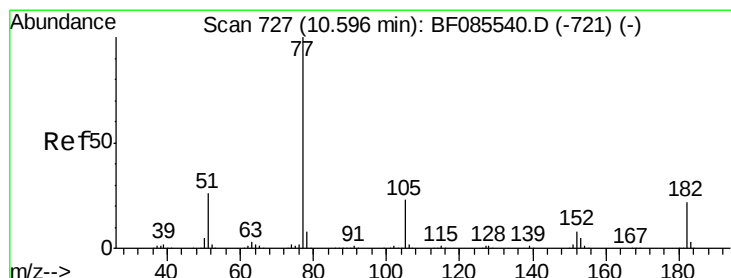
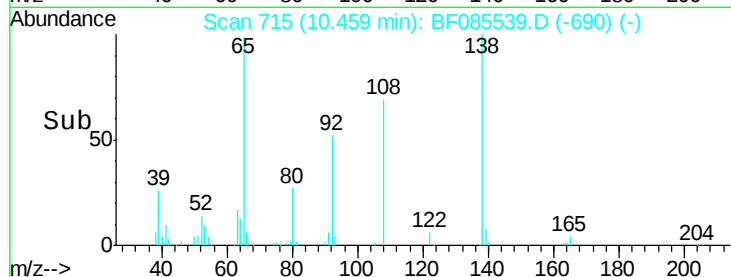
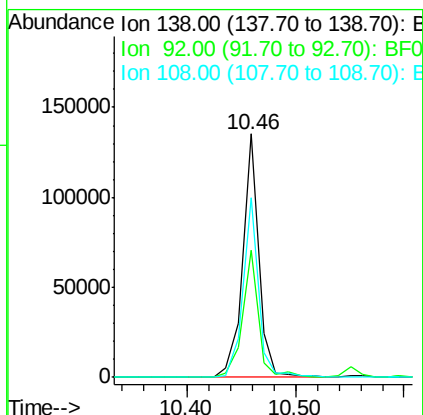
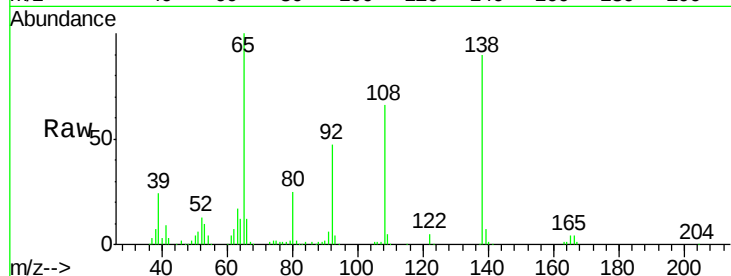
#61
4-Nitroaniline
Concen: 25.57 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	26.4	66.4
108	73.7	49.0	89.0

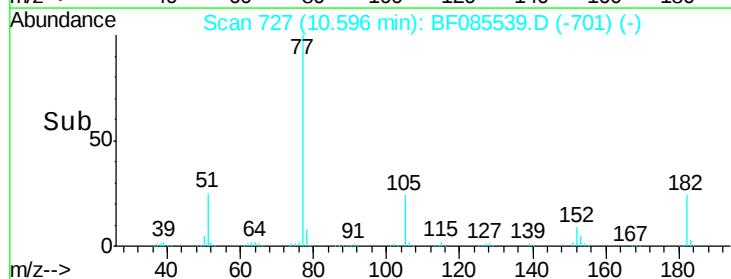
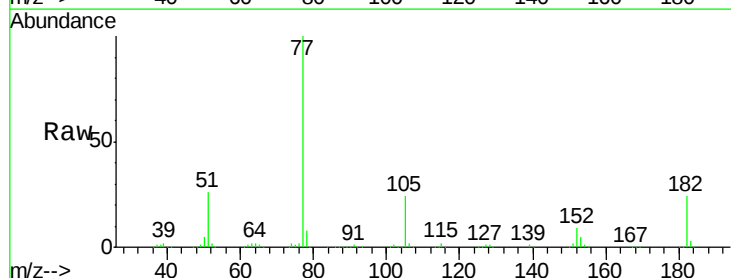
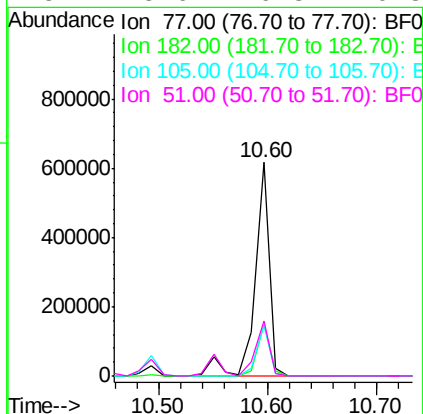
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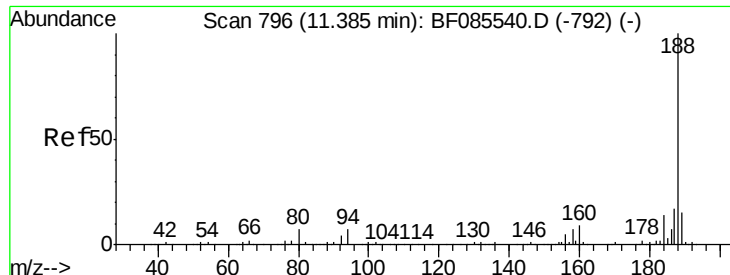
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#62
Azobenzene
Concen: 27.86 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	1.9	41.9
105	24.1	3.5	43.5
51	25.6	6.3	46.3





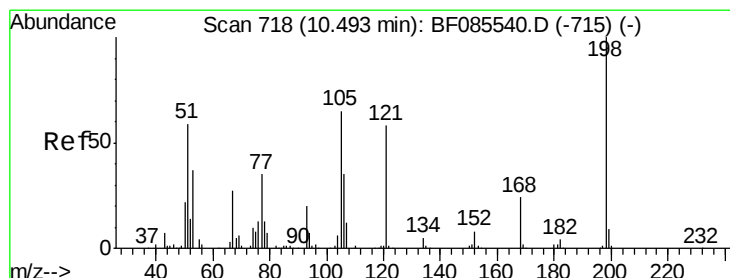
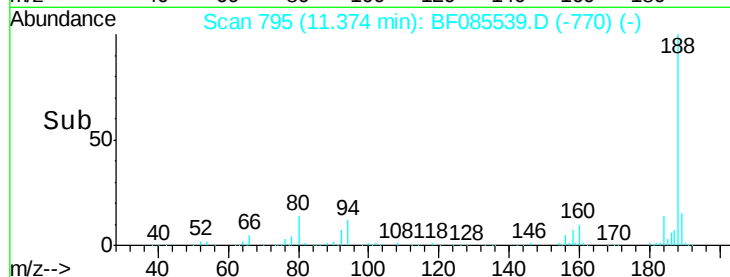
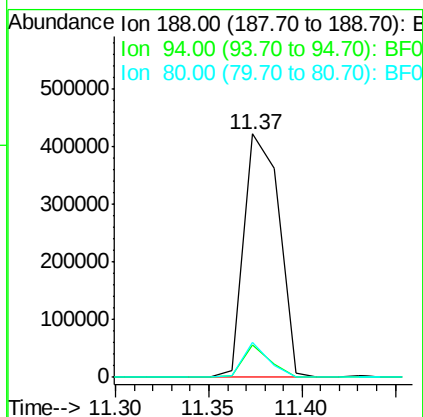
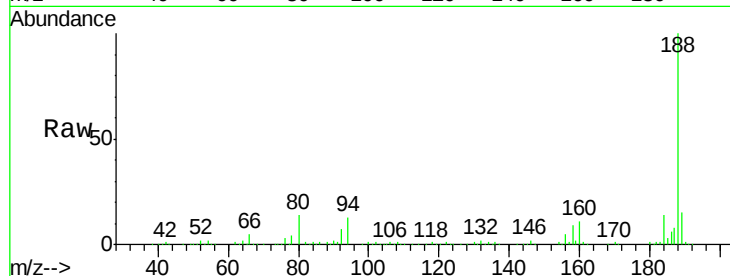
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.2	5.4	8.0#
80	14.5	5.5	8.3#

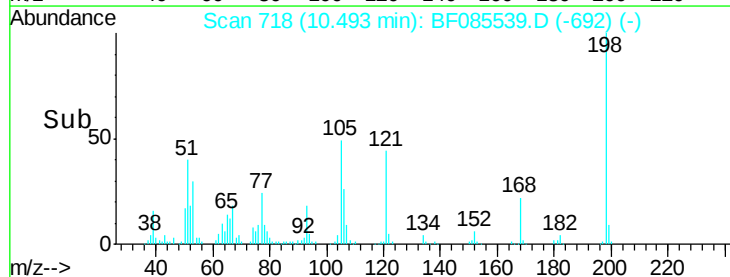
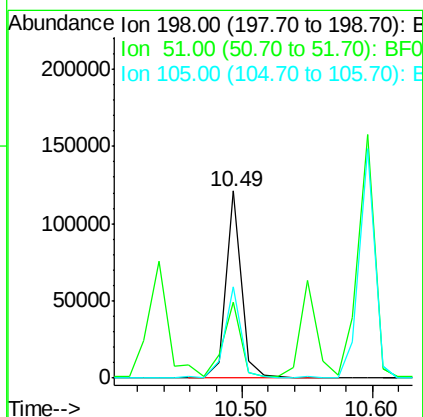
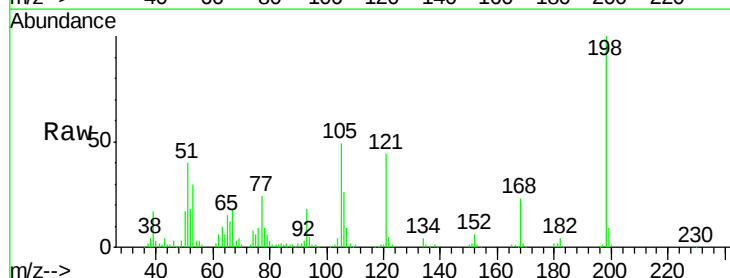
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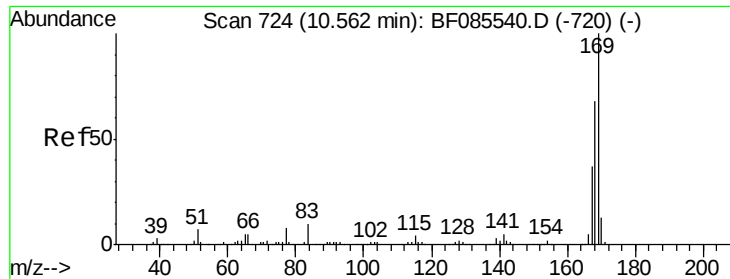
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.67 ng
 RT: 10.49 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	40.3	45.4	85.4#
105	48.8	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 24.81 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

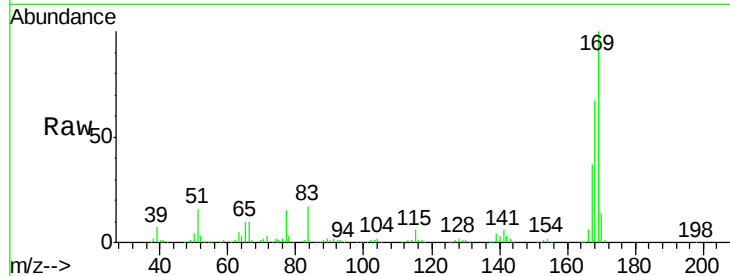
ClientSampleId :

SSTDIC025

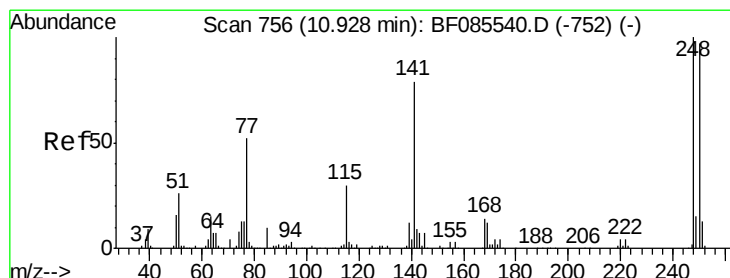
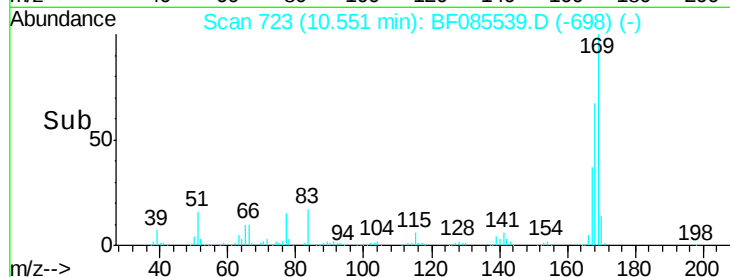
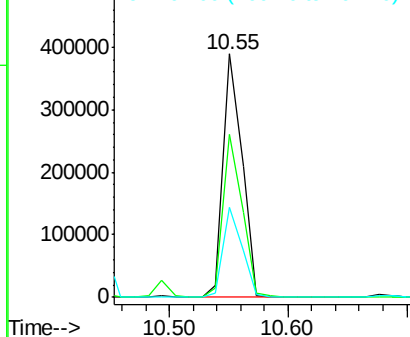
Tgt Ion:	169	Resp:	428536
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.4	81.6
167	37.2	29.4	44.0

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



#66

4-Bromophenyl-phenylether

Concen: 27.34 ng

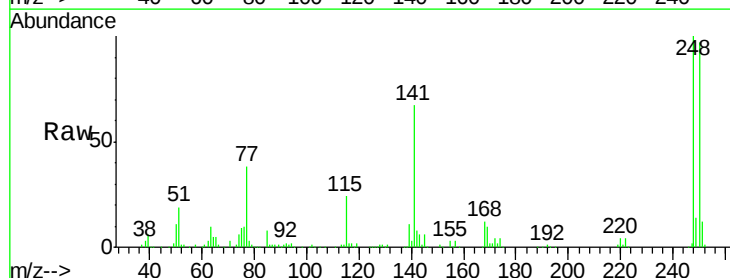
RT: 10.93 min Scan# 756

Delta R.T. 0.00 min

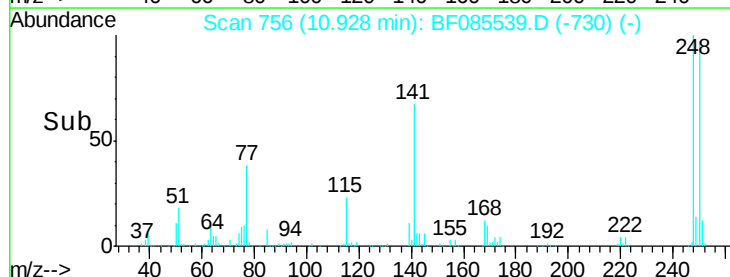
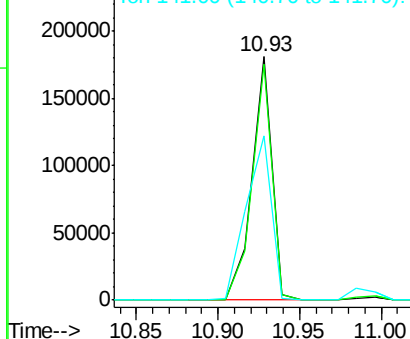
Lab File: BF085539.D

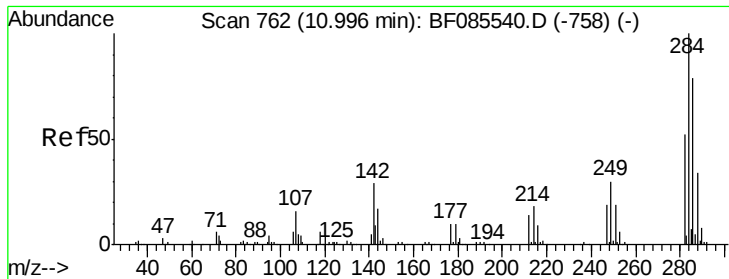
Acq: 18 Mar 2016 18:16

Tgt Ion:	248	Resp:	153727
Ion Ratio	Lower	Upper	
248	100		
250	97.0	77.4	116.0
141	67.4	63.6	95.4



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





#67

Hexachlorobenzene

Concen: 27.17 ng

RT: 11.00 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF085539.D

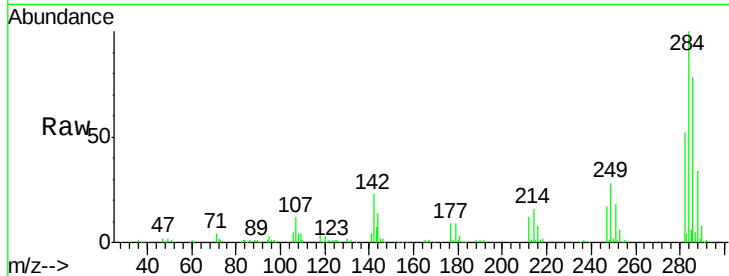
Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

ClientSampleId :

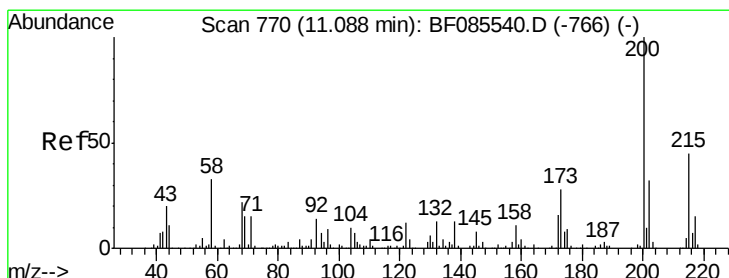
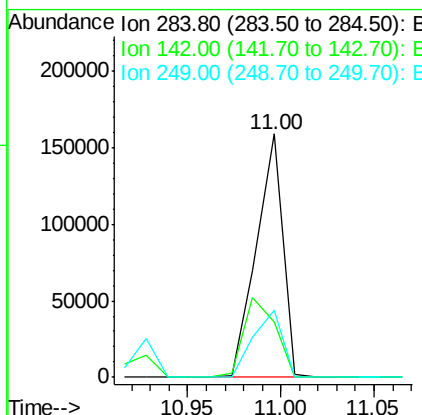
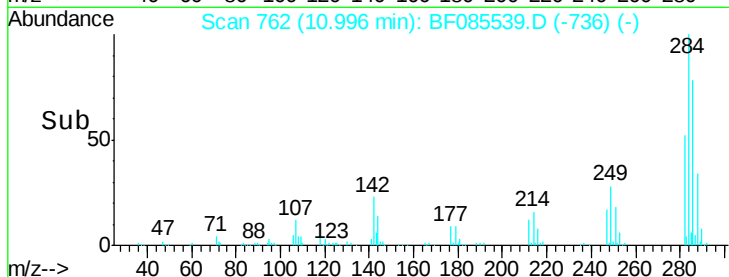
SSTDIC025



Tgt Ion:	284	Resp:	159021
Ion Ratio	Lower	Upper	
284	100		
142	22.5	23.1	34.7#
249	27.8	24.2	36.2

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#68

Atrazine

Concen: 27.24 ng

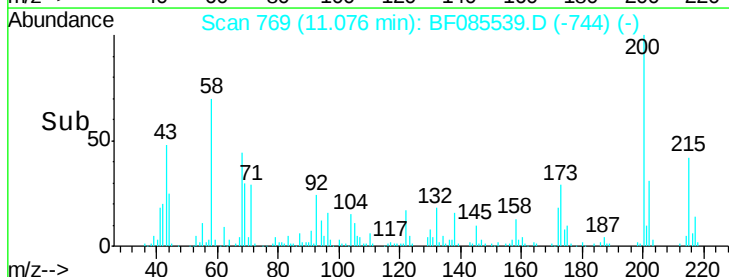
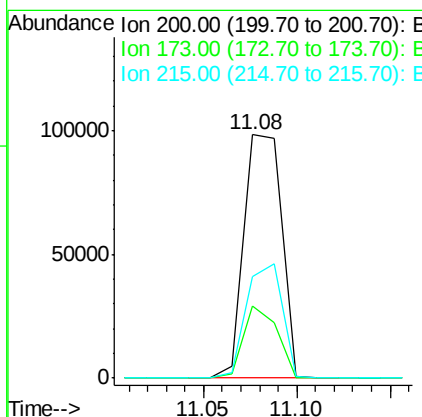
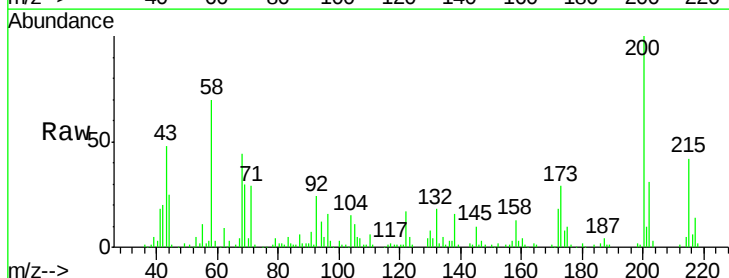
RT: 11.08 min Scan# 769

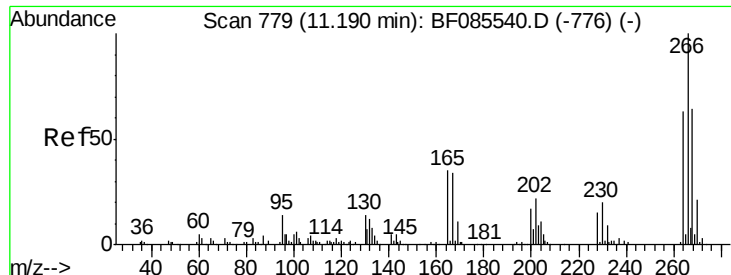
Delta R.T. -0.01 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Tgt Ion:	200	Resp:	137639
Ion Ratio	Lower	Upper	
200	100		
173	29.4	7.7	47.7
215	41.7	25.4	65.4





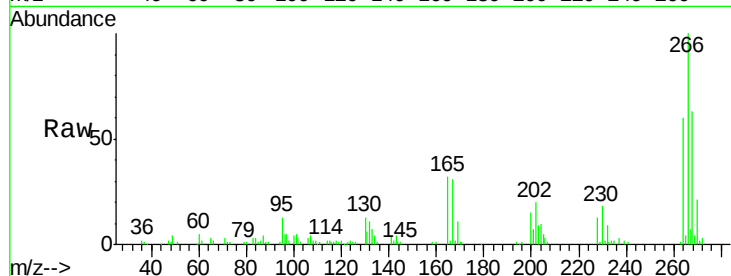
#69
 Pentachlorophenol
 Concen: 29.18 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

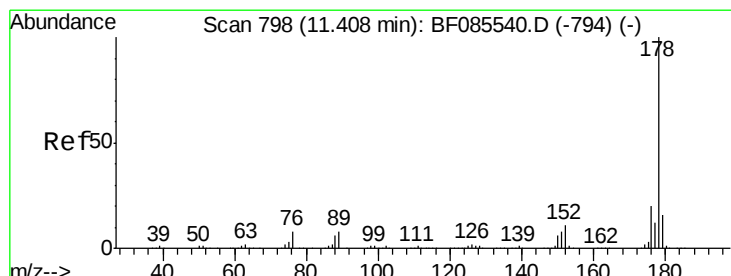
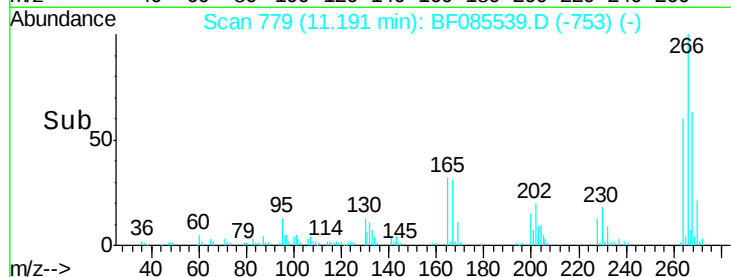
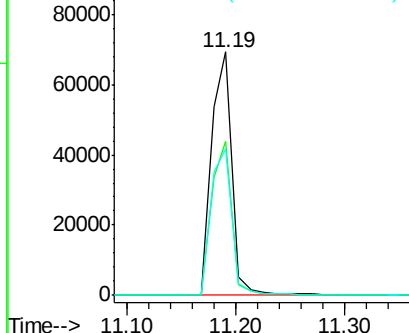
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	91073		
268	63.4	51.5	77.3	
264	60.3	50.6	76.0	

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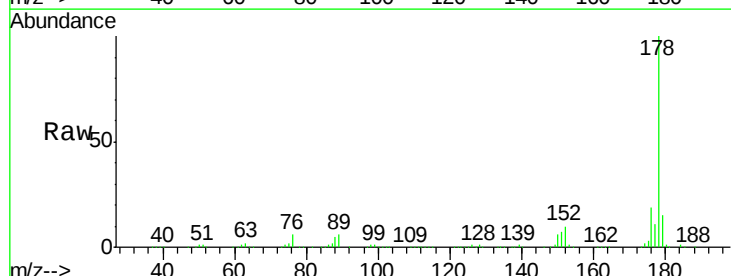


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

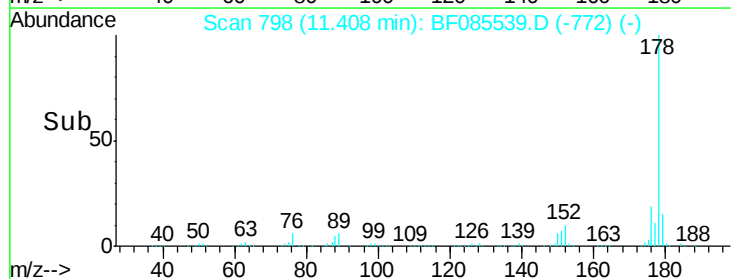
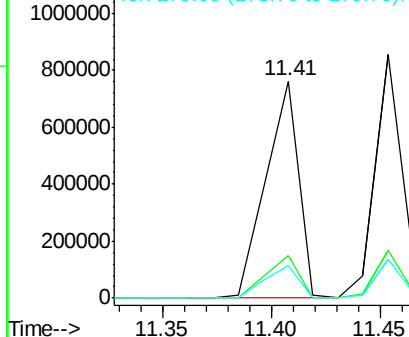


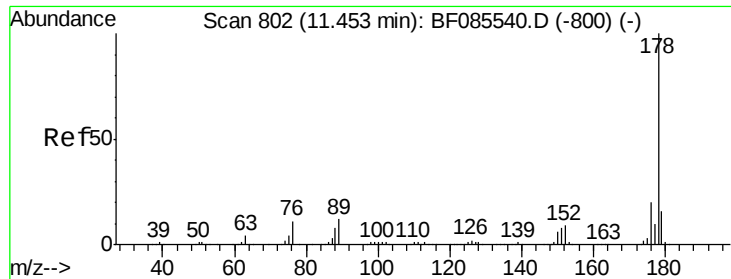
#70
 Phenanthrene
 Concen: 27.62 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	807562		
176	19.4	16.3	24.5	
179	15.2	12.6	18.8	



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





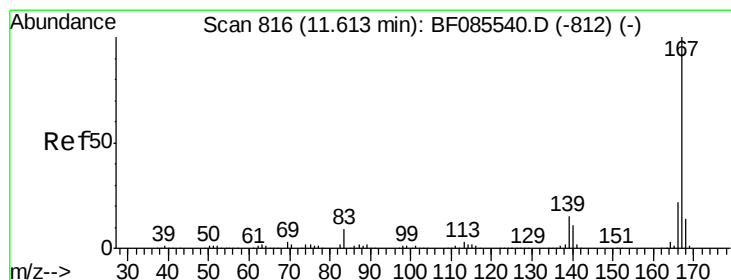
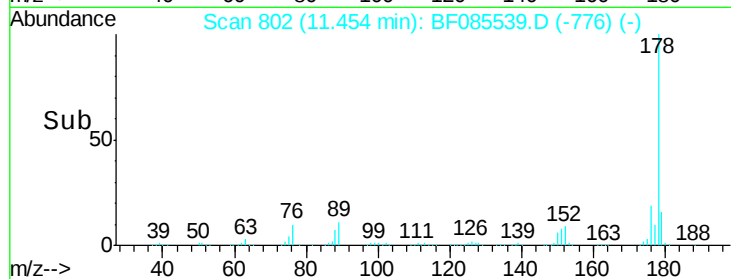
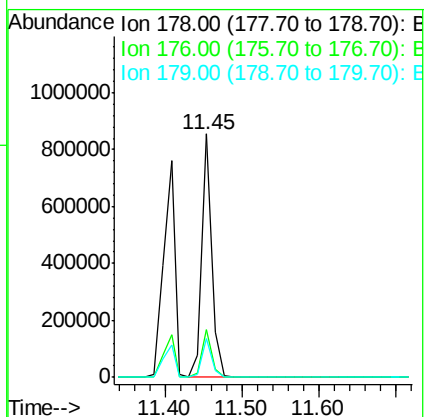
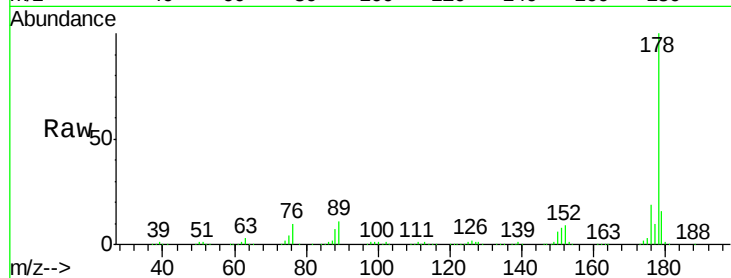
#71
 Anthracene
 Concen: 26.02 ng
 RT: 11.45 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.8	13.0	19.4

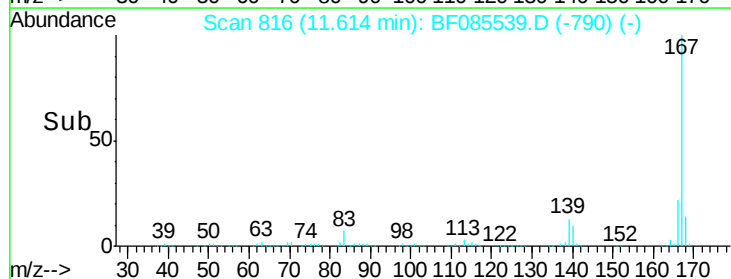
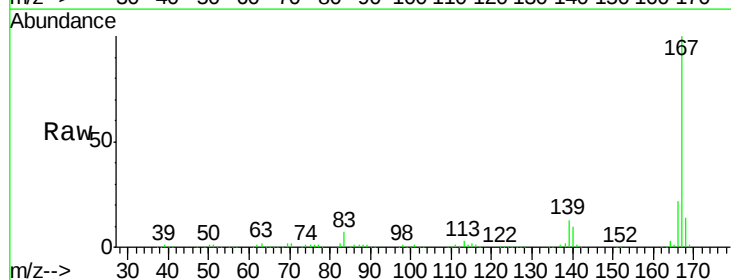
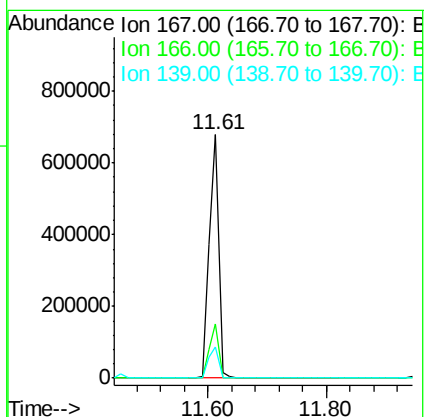
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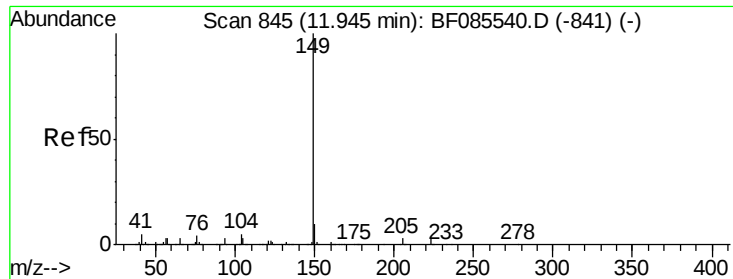
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#72
 Carbazole
 Concen: 29.31 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	13.0	11.6	17.4





#73

Di-n-butylphthalate

Concen: 29.76 ng

RT: 11.95 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

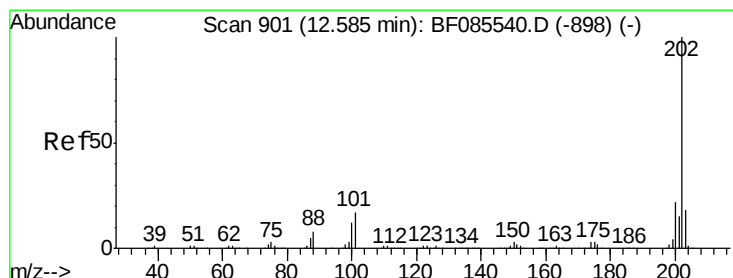
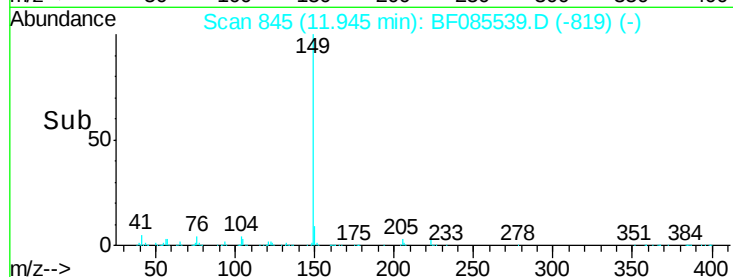
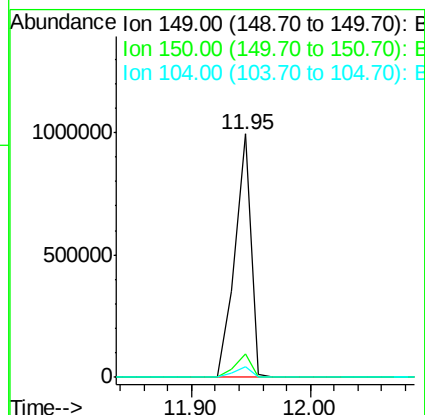
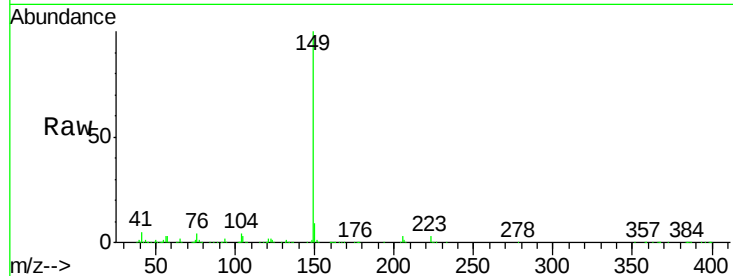
ClientSampleId :

SSTDIC025

Tgt Ion:	149	Resp:	935396
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 27.36 ng

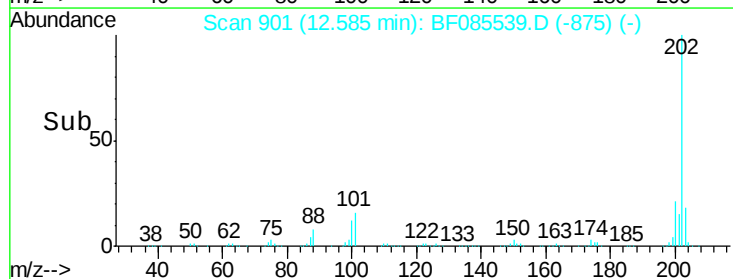
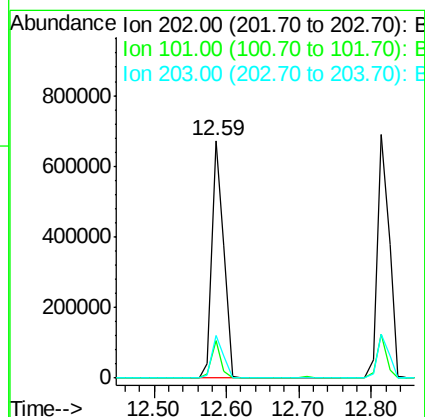
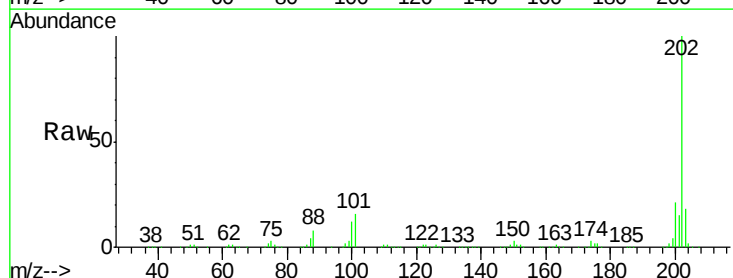
RT: 12.59 min Scan# 901

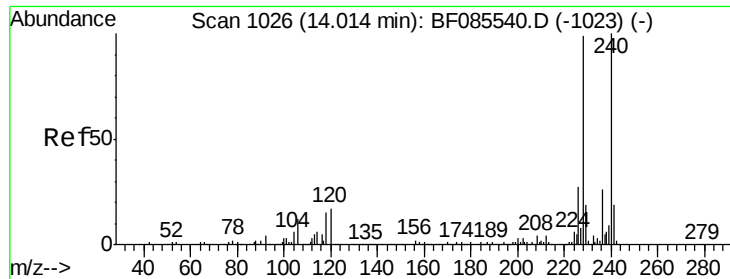
Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Tgt Ion:	202	Resp:	755920
Ion Ratio	Lower	Upper	
202	100		
101	15.8	0.0	36.6
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

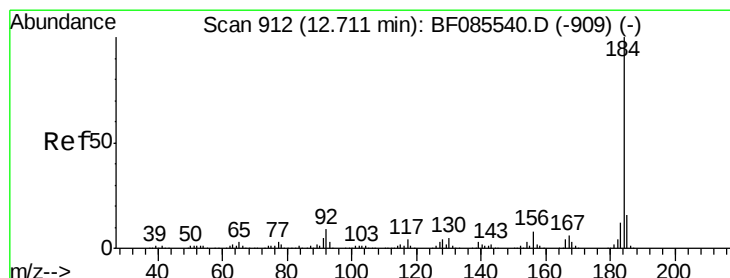
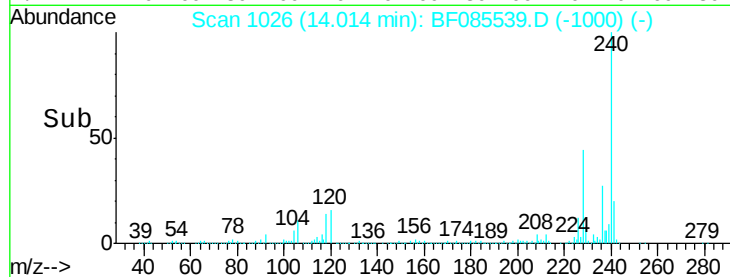
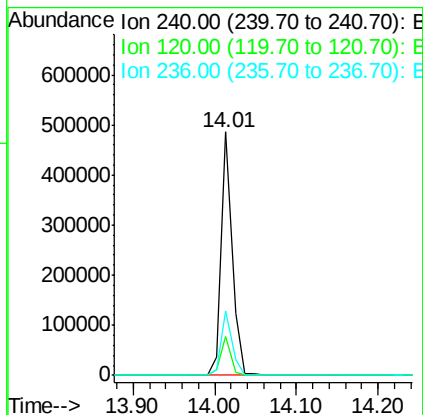
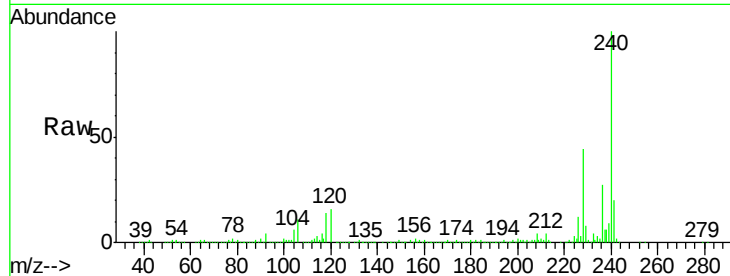
ClientSampleId :

SSTDICC025

Tgt Ion:	240	Resp:	450483
Ion Ratio	Lower	Upper	
240	100		
120	15.9	13.8	20.8
236	26.6	20.6	30.8

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#76

Benzidine

Concen: 30.26 ng

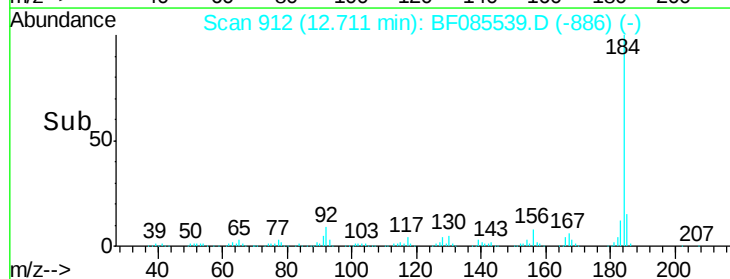
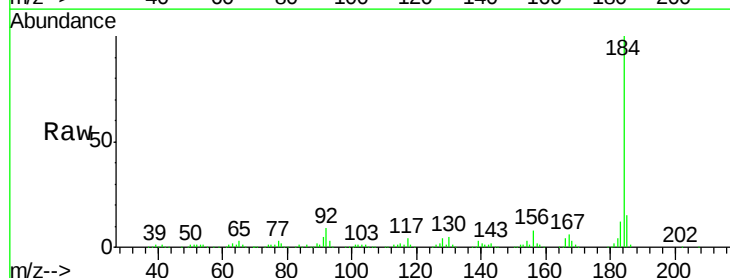
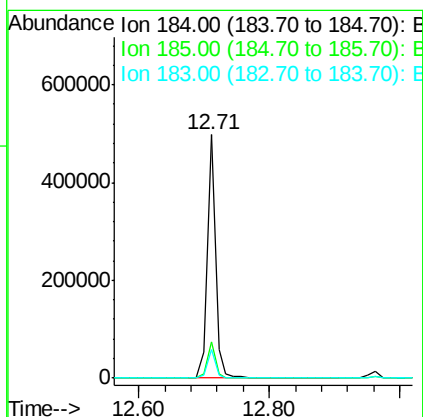
RT: 12.71 min Scan# 912

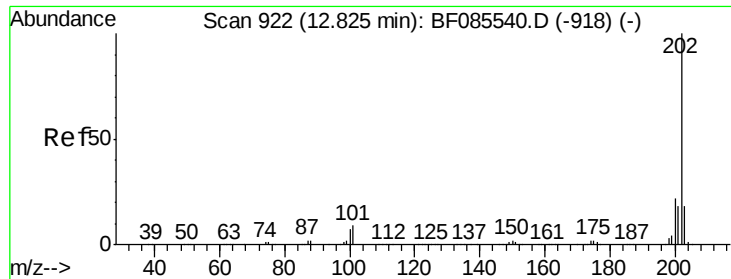
Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Tgt Ion:	184	Resp:	434966
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.4	18.6
183	11.7	9.4	14.2





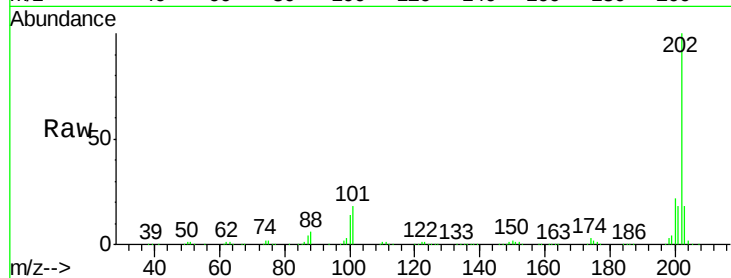
#77
 Pyrene
 Concen: 22.72 ng
 RT: 12.81 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

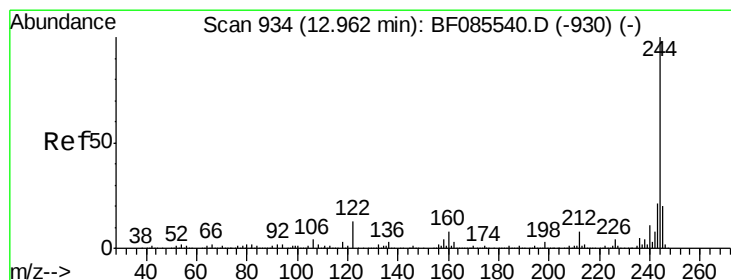
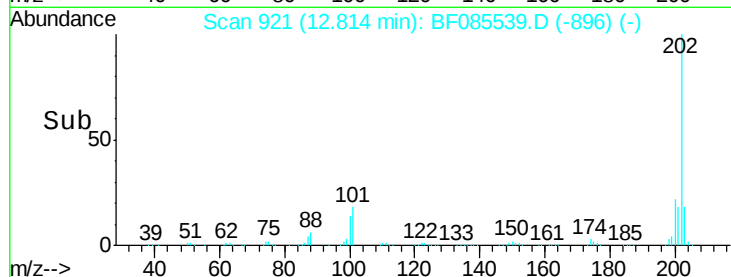
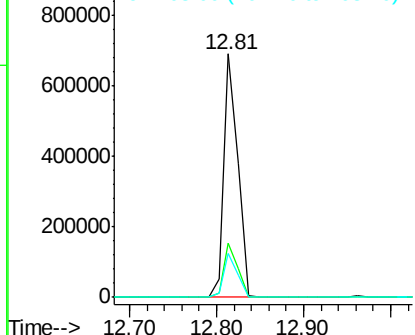
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.2	14.0	21.0

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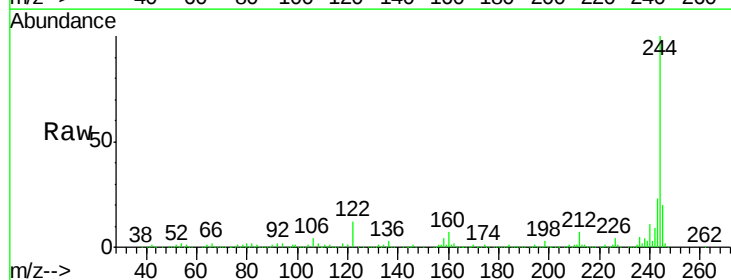


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

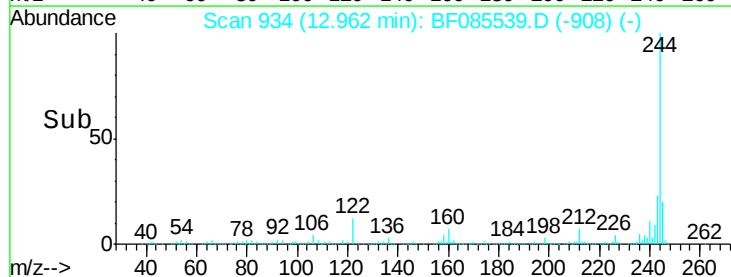
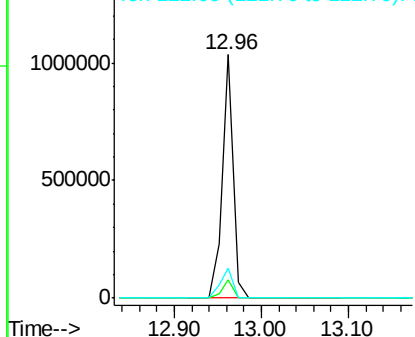


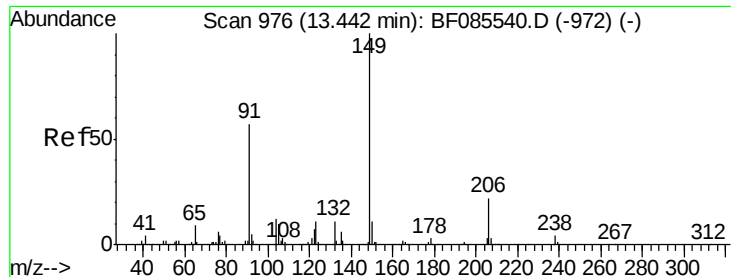
#78
 Terphenyl-d14
 Concen: 47.35 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.1	9.1
122	12.2	10.2	15.4



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





#79

Butylbenzylphthalate

Concen: 25.57 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF085539.D

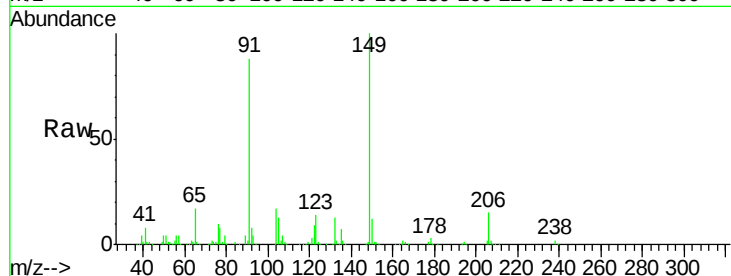
Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

ClientSampleId :

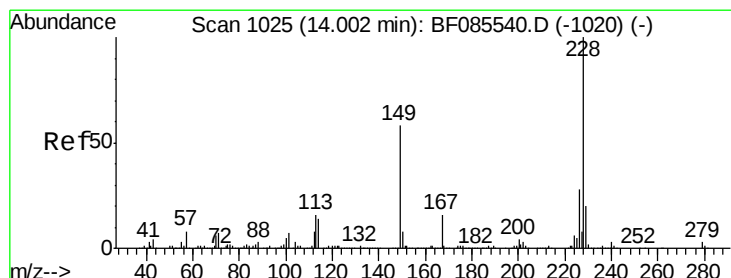
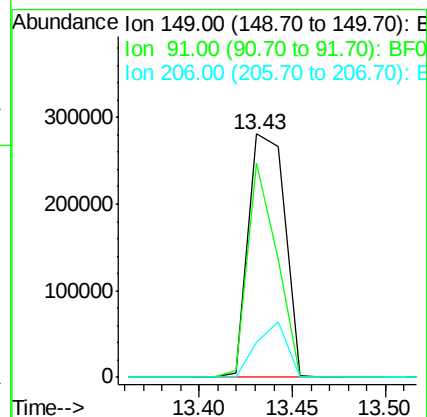
SSTDIC025



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	380841		
91	87.9	45.8	68.8#	
206	14.6	17.8	26.8#	

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#80

Benzo(a)anthracene

Concen: 25.88 ng

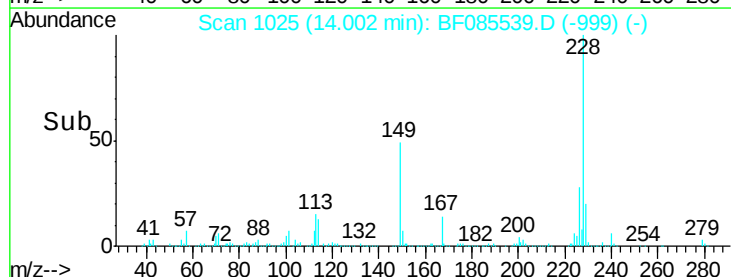
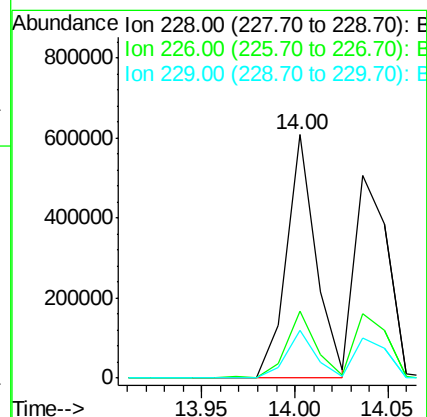
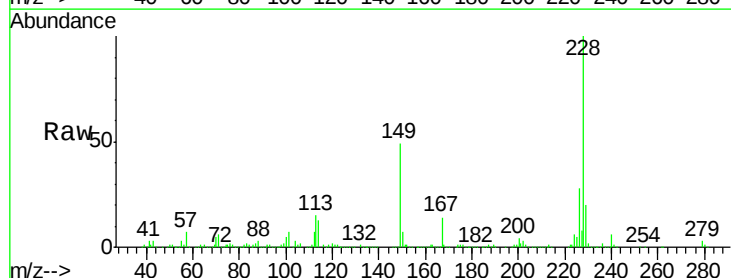
RT: 14.00 min Scan# 1025

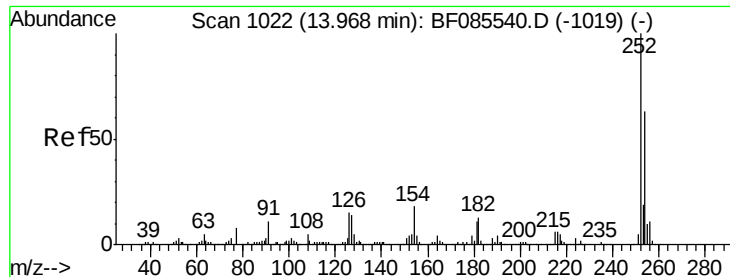
Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	671439		
226	27.7	22.1	33.1	
229	19.9	16.2	24.4	





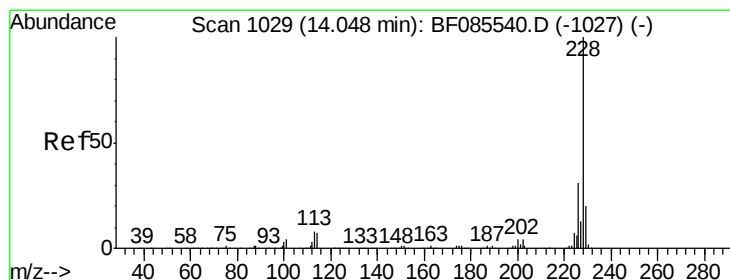
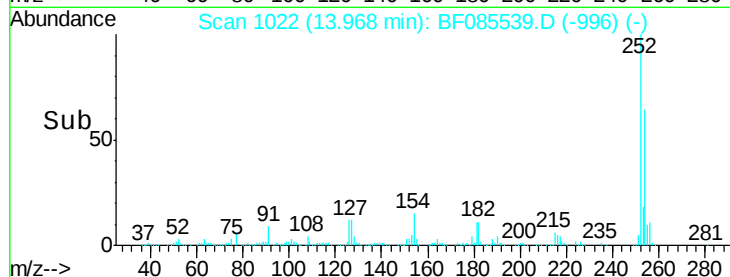
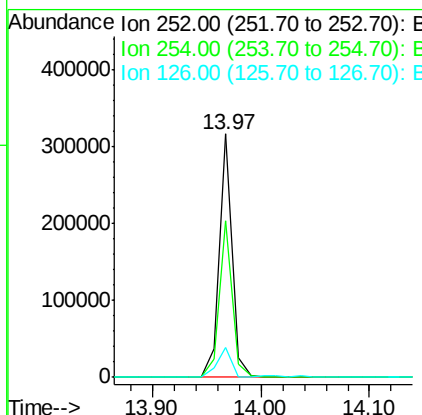
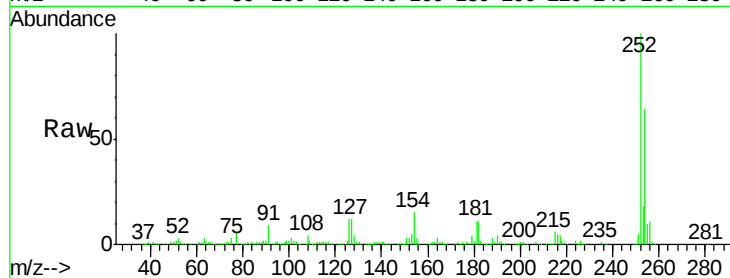
#81
 3,3'-Dichlorobenzidine
 Concen: 30.08 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.7	76.1
126	12.4	11.8	17.6

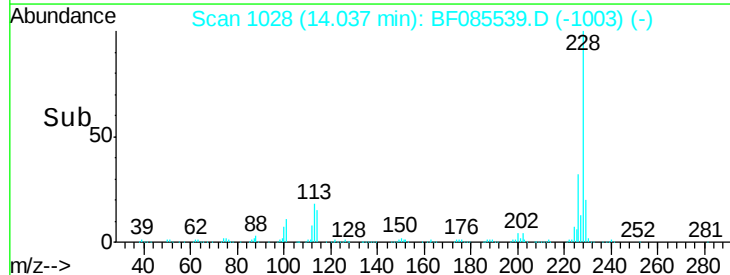
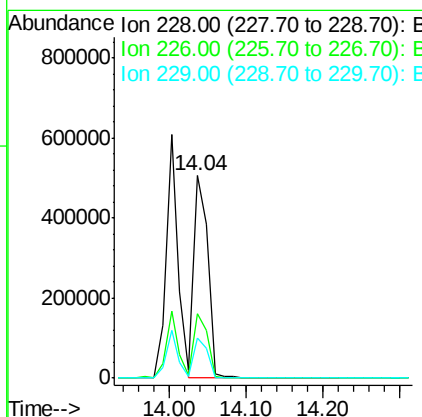
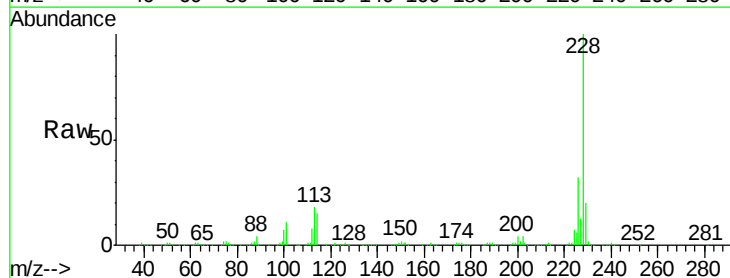
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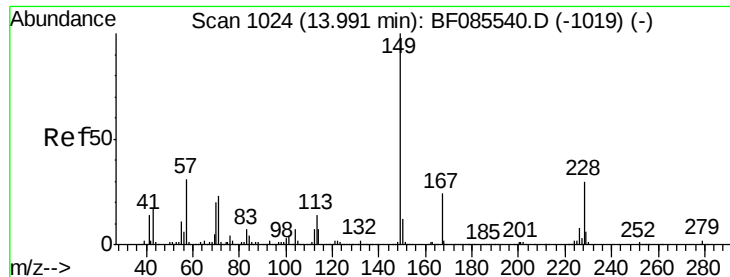
mohammad
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#82
 Chrysene
 Concen: 25.88 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.9	15.7	23.5





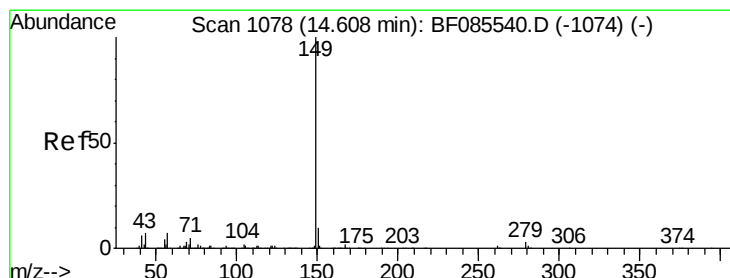
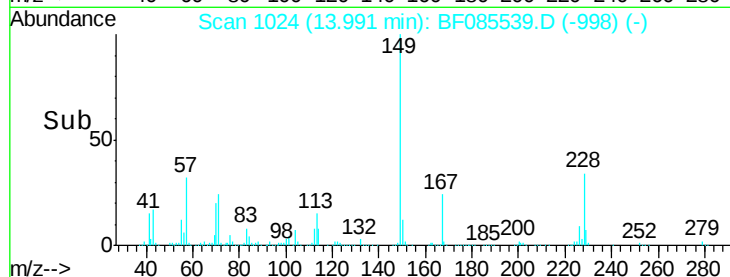
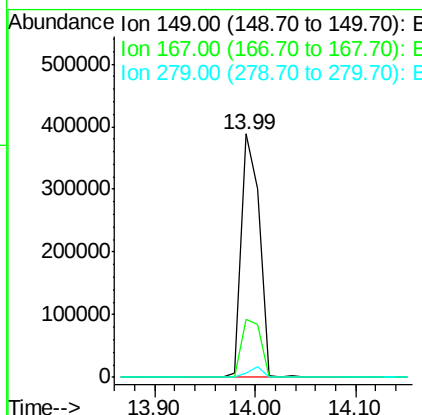
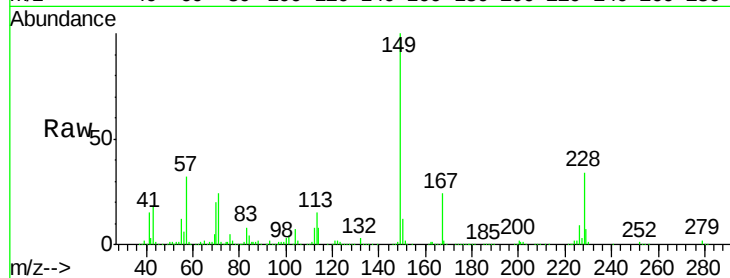
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.68 ng
 RT: 13.99 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	485036		
167	23.9	19.4	29.2	
279	1.7	1.5	2.3	

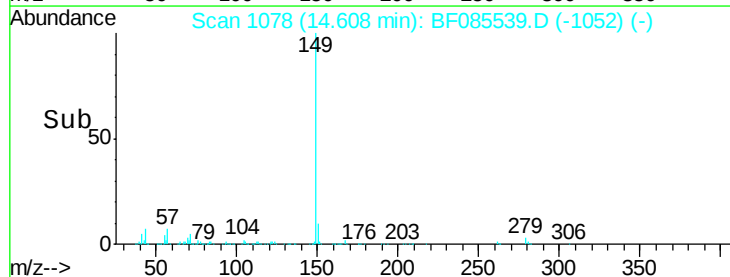
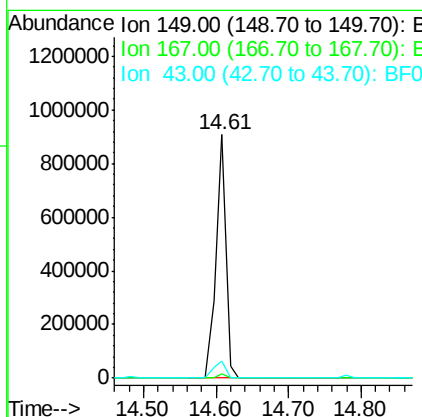
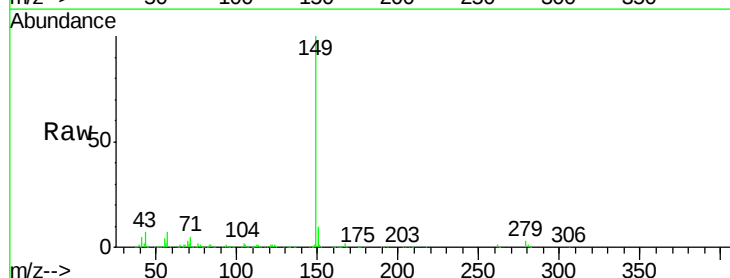
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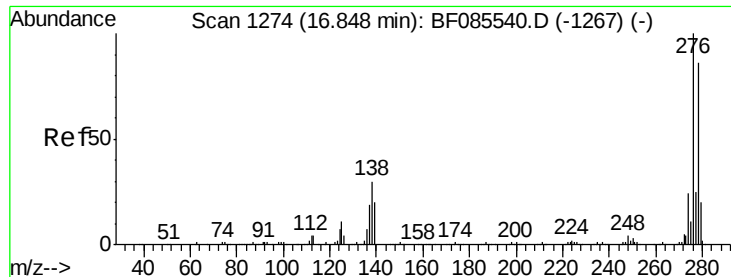
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 31.49 ng
 RT: 14.61 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	857489		
167	1.5	1.2	1.8	
43	8.5	7.1	10.7	





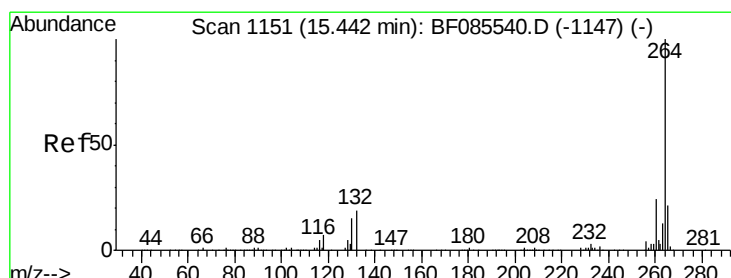
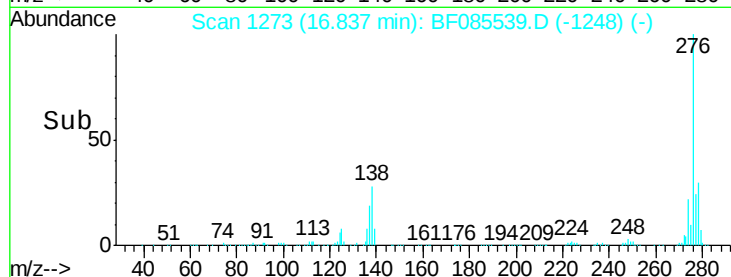
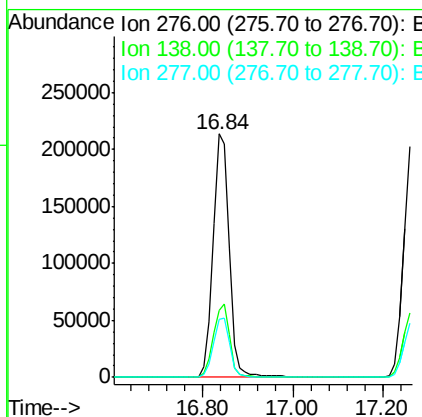
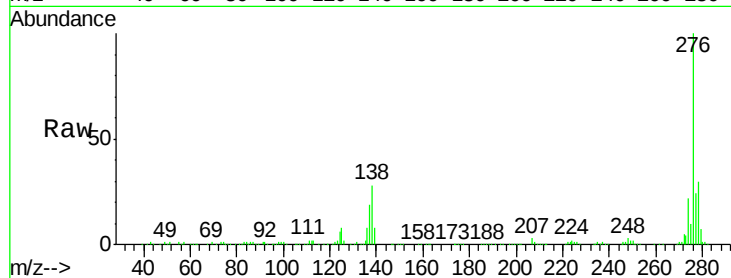
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.07 ng
RT: 16.84 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	24.2	36.4
277	24.8	20.0	30.0

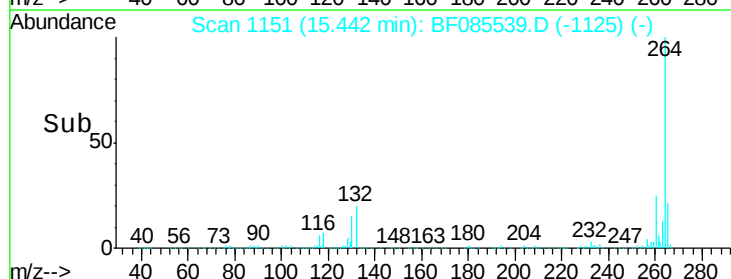
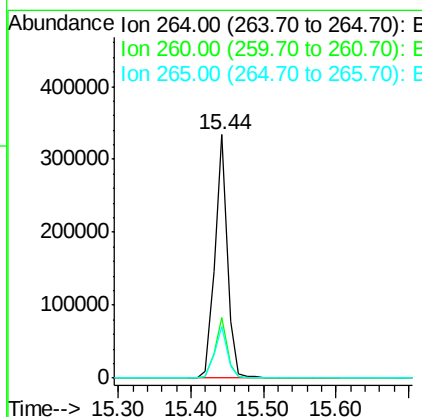
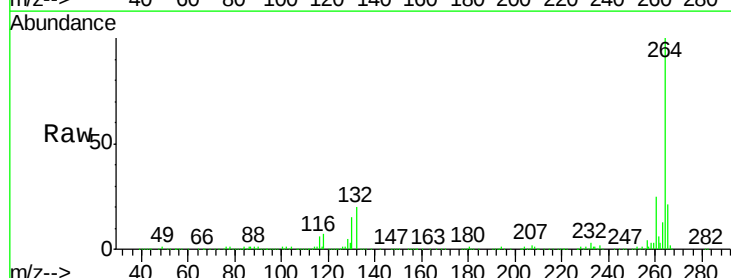
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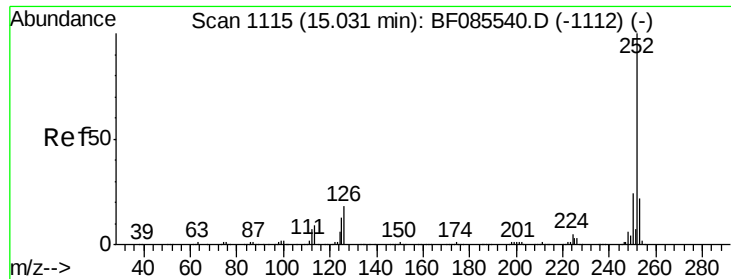
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 22.36 ng

RT: 15.03 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Instrument :

BNA_F

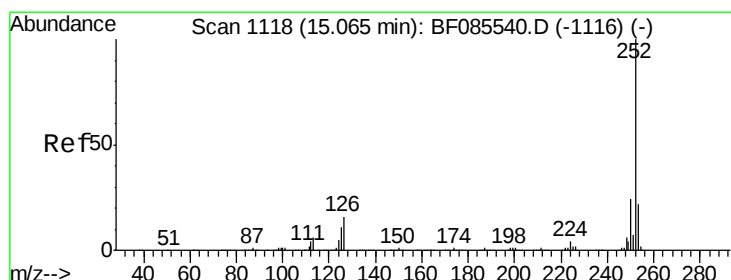
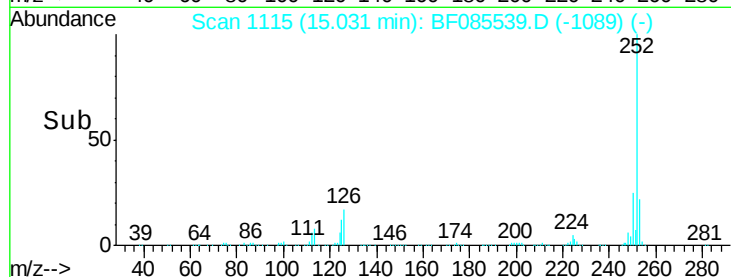
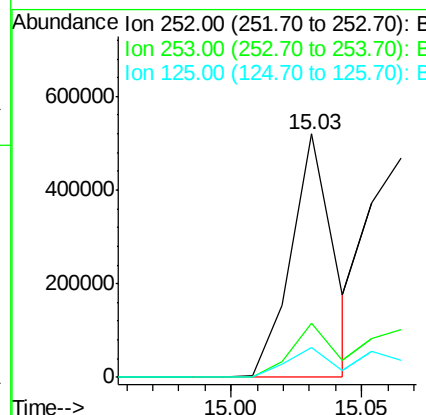
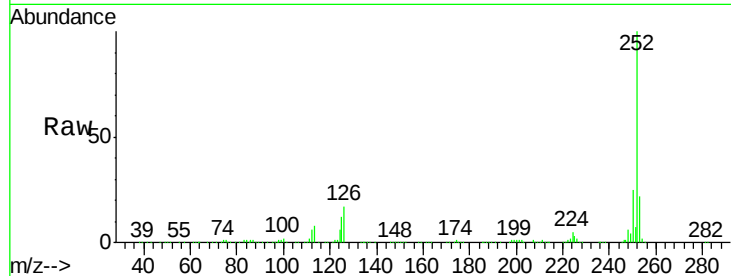
ClientSampleId :

SSTDIC025

Tgt Ion:	252	Resp:	586129
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	12.5	10.3	15.5

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 29.23 ng m

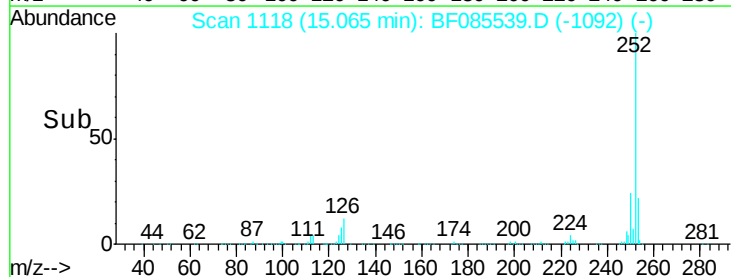
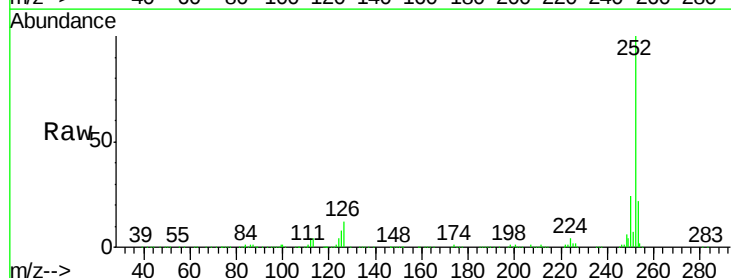
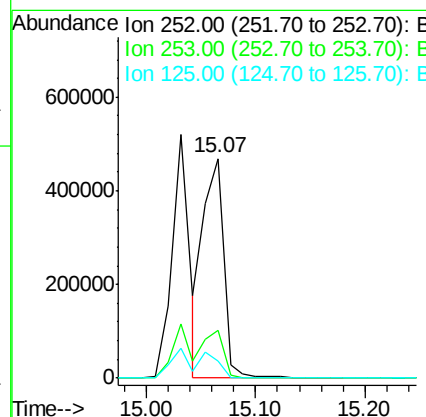
RT: 15.07 min Scan# 1118

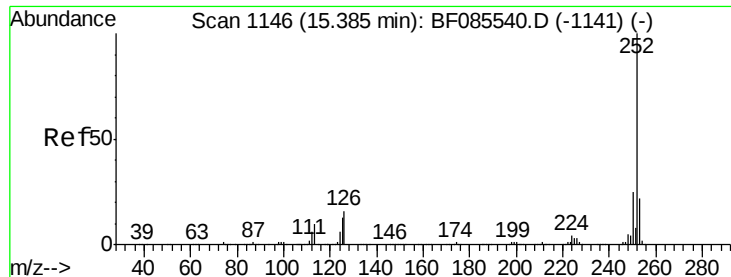
Delta R.T. 0.00 min

Lab File: BF085539.D

Acq: 18 Mar 2016 18:16

Tgt Ion:	252	Resp:	614018
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	7.7	7.7	11.5





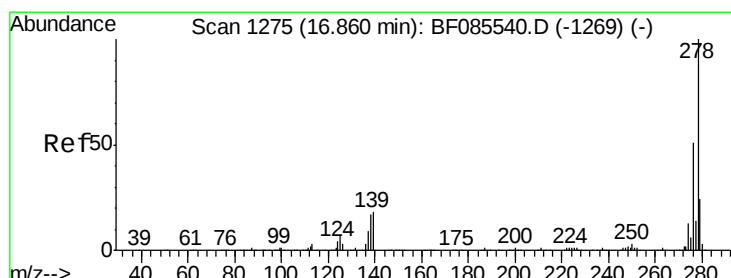
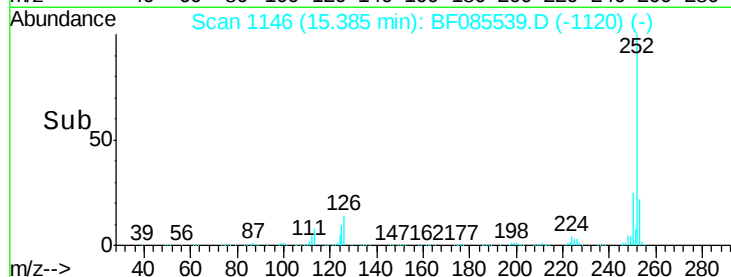
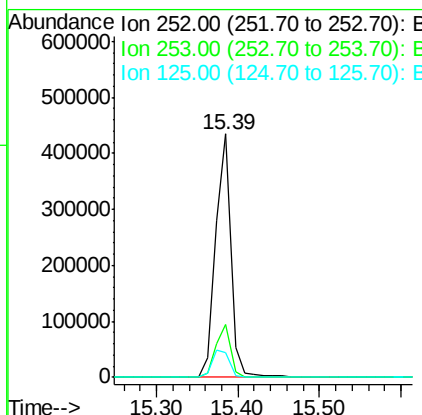
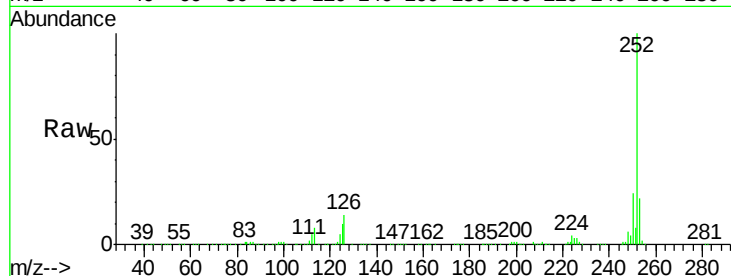
#89
Benzo(a)pyrene
Concen: 25.02 ng
RT: 15.39 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.4	10.3	15.5

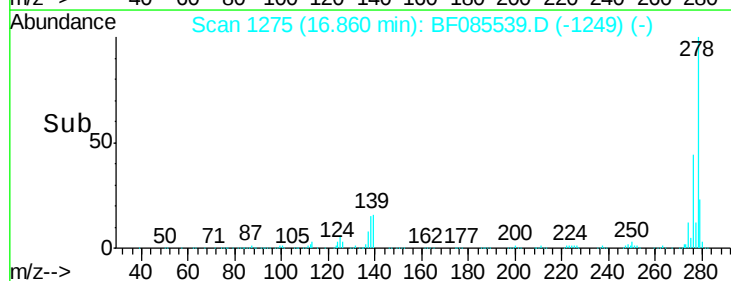
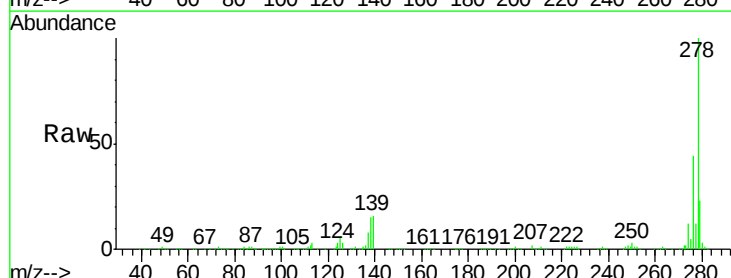
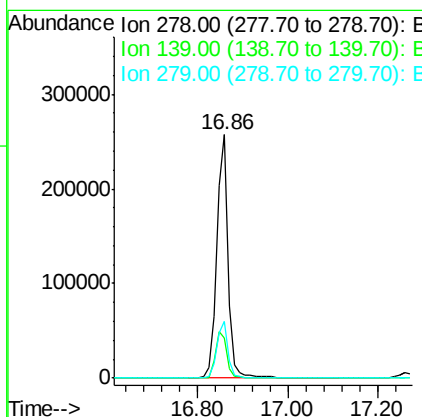
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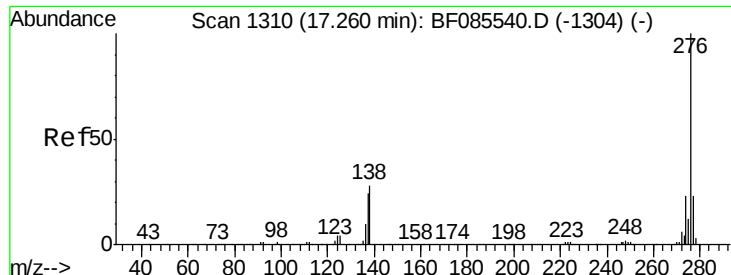
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 21.17 ng
RT: 16.86 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF085539.D
Acq: 18 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.4	21.6
279	23.5	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 19.79 ng
 RT: 17.26 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF085539.D
 Acq: 18 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:	276	Resp:	428246
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	27.8	22.6	34.0

Manual Integrations
 APPROVED

mohammad
 3/21/2016 5:05:31 PM

