

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091416.D
 Acq On : 3 Dec 2016 3:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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12/5/2016 11:21:14 AM

Quant Time: Dec 03 04:14:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	159750	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	644942	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	321186	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	507064	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	363064	20.00	ng	-0.03
86) Perylene-d12	15.45	264	309047	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	743634	76.04	ng	-0.02
7) Phenol-d6	6.49	99	948264	78.77	ng	0.00
23) Nitrobenzene-d5	7.43	82	900141	78.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	200355	65.89	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1456768	82.12	ng	-0.02
78) Terphenyl-d14	12.97	244	1336409	80.00	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	157246	35.55	ng	# 85
3) Pyridine	3.16	79	489981	39.14	ng	88
4) n-Nitrosodimethylamine	3.10	42	271868	41.39	ng	98
6) Aniline	6.53	93	666034	41.65	ng	# 68
8) 2-Chlorophenol	6.64	128	410530	38.29	ng	# 76
9) Benzaldehyde	6.40	77	307942	39.78	ng	92
10) Phenol	6.50	94	488684	34.50	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	381343	37.68	ng	94
12) 1,3-Dichlorobenzene	6.80	146	466816	39.14	ng	96
13) 1,4-Dichlorobenzene	6.88	146	510363	43.02	ng	100
14) 1,2-Dichlorobenzene	7.03	146	414320	37.49	ng	97
15) Benzyl Alcohol	7.01	79	425915	44.21	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	862802	39.65	ng	72
17) 2-Methylphenol	7.12	107	358725	42.33	ng	# 76
18) Hexachloroethane	7.37	117	136357	32.37	ng	# 78
19) n-Nitroso-di-n-propylamine	7.28	70	297344	39.21	ng	# 96
20) 3+4-Methylphenols	7.27	107	393431	38.03	ng	# 65
22) Acetophenone	7.28	105	613218	40.12	ng	98
24) Nitrobenzene	7.45	77	470996	39.97	ng	# 72
25) Isophorone	7.69	82	803454	39.41	ng	95
26) 2-Nitrophenol	7.76	139	158984	29.61	ng	95
27) 2,4-Dimethylphenol	7.81	122	404752	40.29	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	457905	37.31	ng	99
29) 2,4-Dichlorophenol	8.00	162	317761	35.96	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	408693	41.25	ng	97
31) Naphthalene	8.17	128	1269462	41.42	ng	100
32) Benzoic acid	7.91	122	179399	24.23	ng	94
33) 4-Chloroaniline	8.22	127	531205	40.54	ng	97
34) Hexachlorobutadiene	8.30	225	230331	37.81	ng	99
35) Caprolactam	8.60	113	108122	42.57	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	362461	37.99	ng	97
37) 2-Methylnaphthalene	8.86	142	732492	35.17	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	407095	44.96	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	33954	8.09	ng	98

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Manual Integrations
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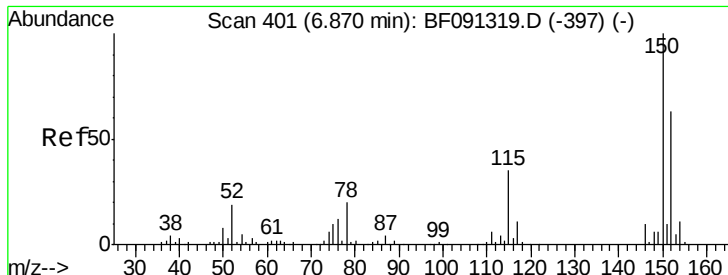
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12/5/2016 11:21:14 AM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	230079	39.10	ng	94
43) 2,4,5-Trichlorophenol	9.18	196	236165	40.05	ng	95
45) 1,1'-Biphenyl	9.33	154	997993	43.21	ng	97
46) 2-Chloronaphthalene	9.35	162	707426	41.13	ng	99
47) 2-Nitroaniline	9.44	65	268915	43.53	ng	# 77
48) Acenaphthylene	9.76	152	1026603	37.92	ng	98
49) Dimethylphthalate	9.62	163	802681	41.27	ng	97
50) 2,6-Dinitrotoluene	9.68	165	167459	38.52	ng	89
51) Acenaphthene	9.93	154	655312	35.88	ng	97
52) 3-Nitroaniline	9.85	138	200646	39.88	ng	90
54) Dibenzofuran	10.10	168	911394	37.27	ng	98
55) 4-Nitrophenol	10.00	139	115383	31.75	ng	88
56) 2,4-Dinitrotoluene	10.08	165	198166	35.14	ng	# 55
57) Fluorene	10.45	166	700848	37.33	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	170052	33.77	ng	96
59) Diethylphthalate	10.32	149	834293	43.46	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	372473	39.56	ng	98
61) 4-Nitroaniline	10.46	138	196299	41.55	ng	85
62) Azobenzene	10.61	77	815966	41.65	ng	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	7959	2.85	ng	# 55
65) n-Nitrosodiphenylamine	10.56	169	675073	43.91	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	226361	41.53	ng	95
67) Hexachlorobenzene	11.00	284	225101	38.22	ng	# 83
68) Atrazine	11.09	200	178498	35.85	ng	96
69) Pentachlorophenol	11.19	266	117279	33.83	ng	93
70) Phenanthrene	11.41	178	967980	36.74	ng	100
71) Anthracene	11.46	178	1054088	40.31	ng	97
72) Carbazole	11.61	167	917901	38.68	ng	98
73) Di-n-butylphthalate	11.96	149	1176333	43.74	ng	# 98
74) Fluoranthene	12.60	202	1049237	42.04	ng	98
76) Benzidine	12.71	184	377083	35.38	ng	98
77) Pyrene	12.82	202	1063595	38.60	ng	99
79) Butylbenzylphthalate	13.44	149	414924	40.22	ng	89
80) Benzo(a)anthracene	14.00	228	852385	40.15	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	333165	44.54	ng	# 98
82) Chrysene	14.05	228	912909	43.45	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	575199	43.98	ng	# 91
84) Di-n-octyl phthalate	14.62	149	1017127	51.40	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	623592	32.41	ng	95
87) Benzo(b)fluoranthene	15.04	252	839358m	43.70	ng	
88) Benzo(k)fluoranthene	15.07	252	665255m	41.18	ng	
89) Benzo(a)pyrene	15.39	252	697954	40.46	ng	98
90) Dibenzo(a,h)anthracene	16.87	278	549283	34.43	ng	# 94
91) Benzo(g,h,i)perylene	17.27	276	508442	30.91	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

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Instrument :

BNA_F

ClientSampleId :

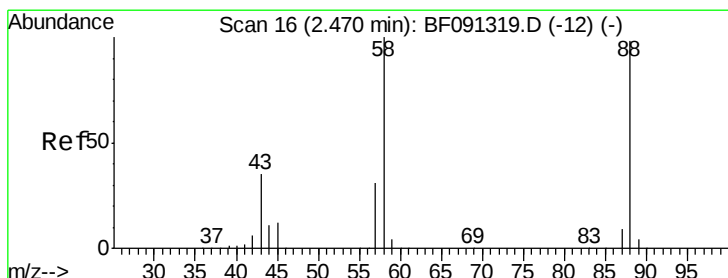
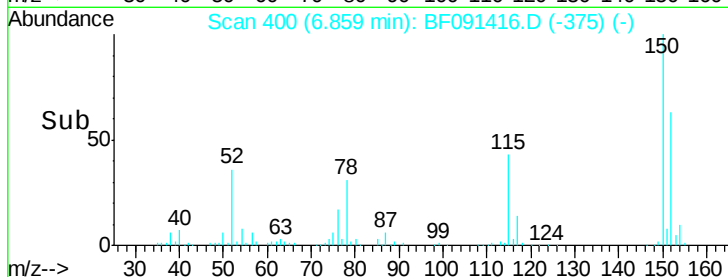
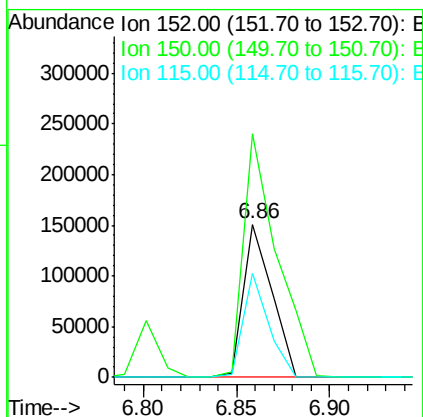
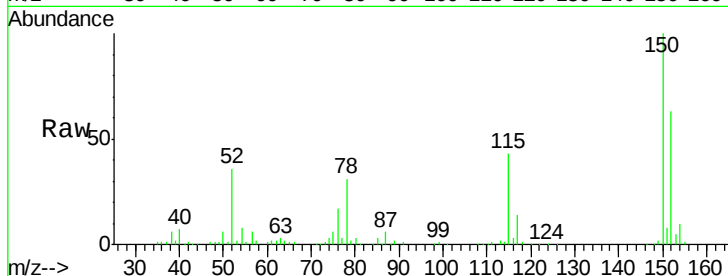
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.5	183.7
115	68.2	51.8	77.8

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#2

1,4-Dioxane

Concen: 35.55 ng

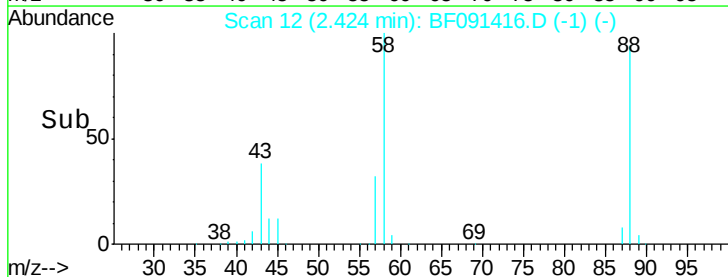
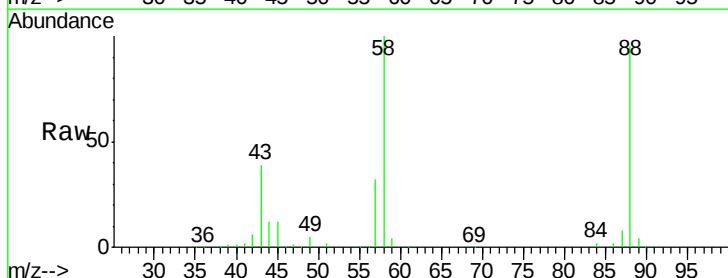
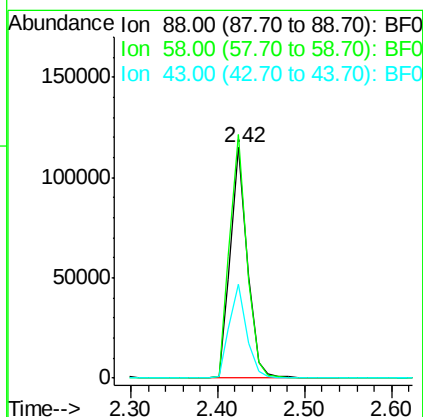
RT: 2.42 min Scan# 12

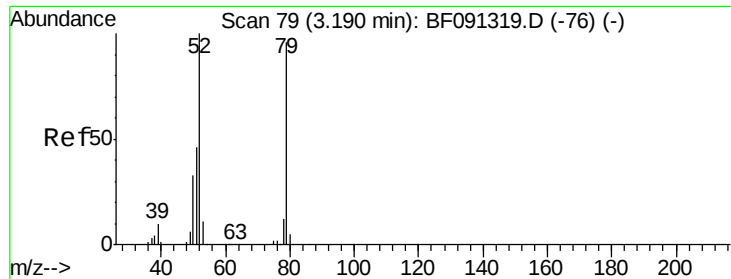
Delta R.T. -0.07 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	106.0	70.3	105.5#
43	42.4	31.3	46.9





#3
 Pyridine
 Concen: 39.14 ng
 RT: 3.16 min Scan# 76
 Delta R.T. -0.06 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

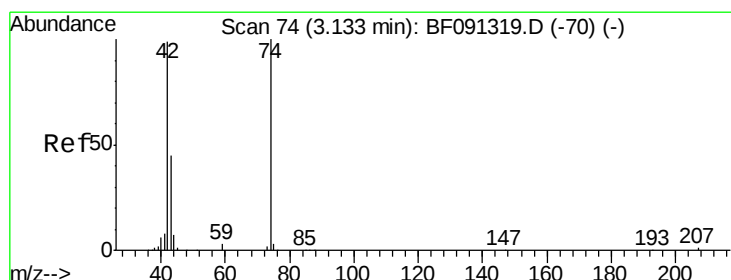
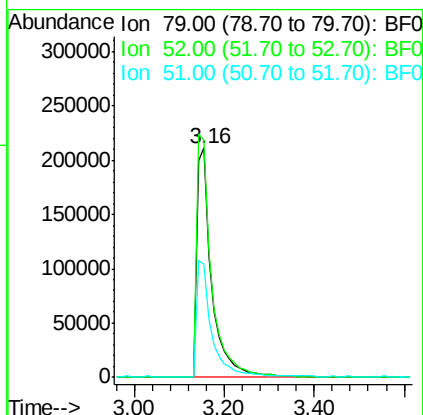
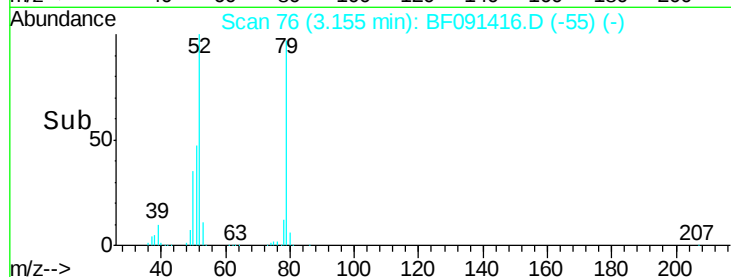
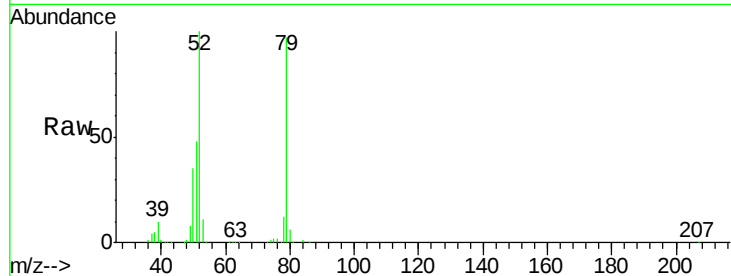
Instrument :
 BNA_F
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 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
79	100		
52	103.4	71.0	106.4
51	49.3	37.0	55.4

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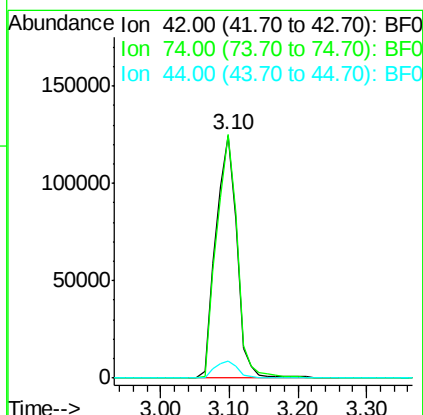
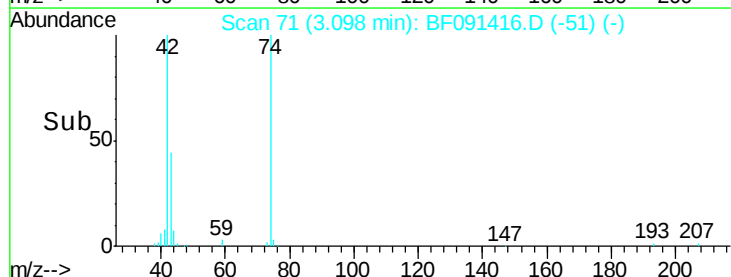
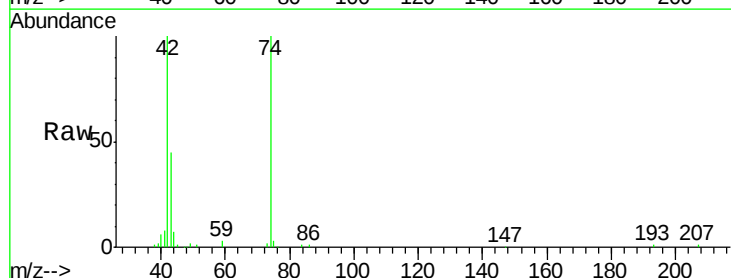
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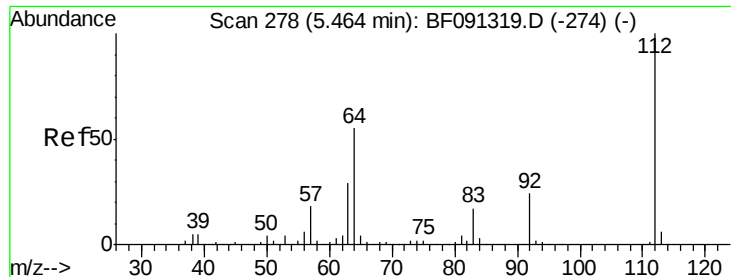
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#4
 n-Nitrosodimethylamine
 Concen: 41.39 ng
 RT: 3.10 min Scan# 71
 Delta R.T. -0.07 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.4	78.9	118.3
44	7.1	5.8	8.6





#5

2-Fluorophenol

Concen: 76.04 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

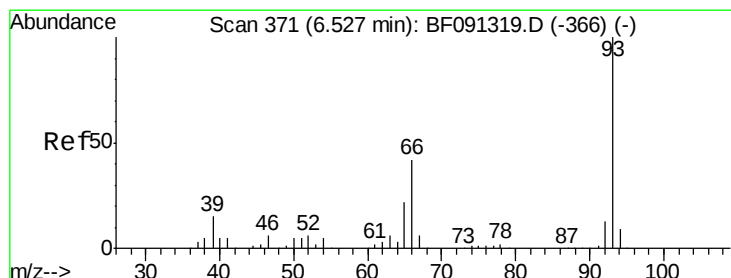
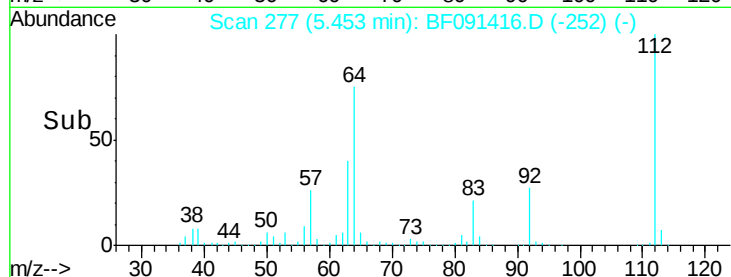
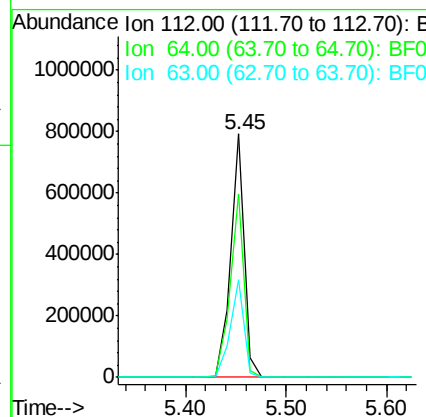
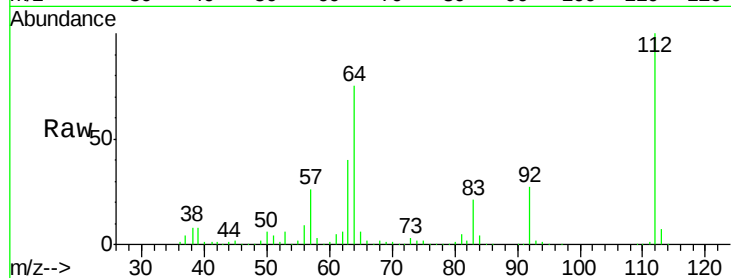
SSTDCCC040EC

Tgt Ion:	112	Resp:	743634
Ion Ratio	Lower	Upper	
112	100		
64	75.2	61.5	92.3
63	40.4	33.3	49.9

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#6

Aniline

Concen: 41.65 ng

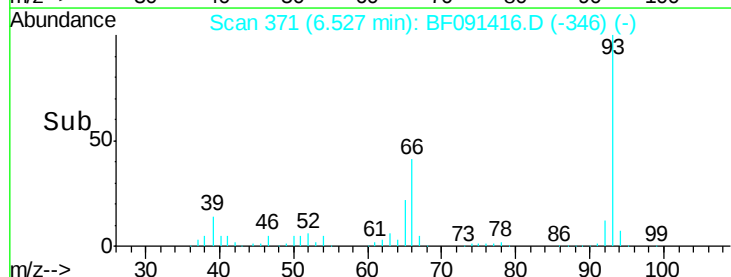
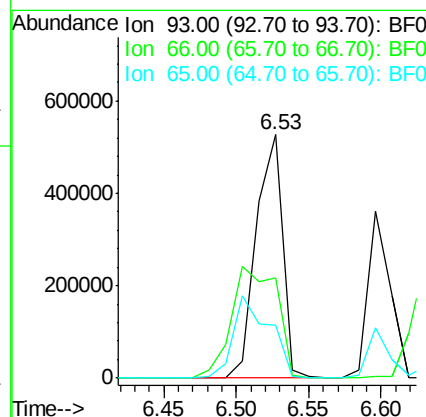
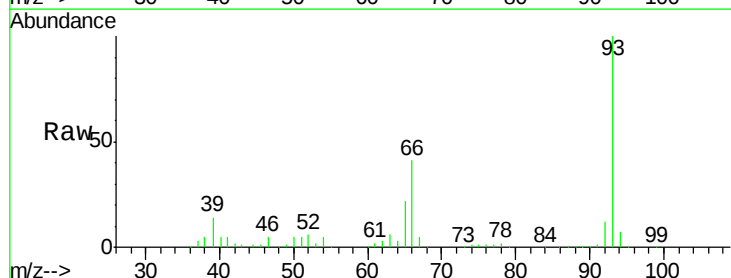
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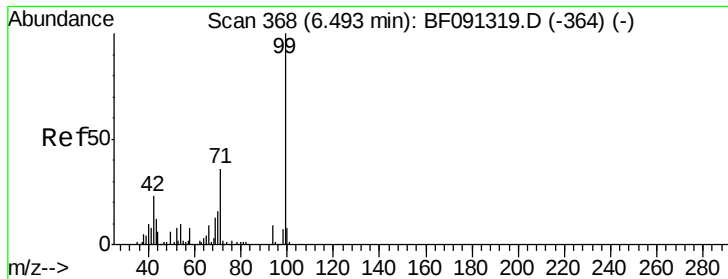
Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Tgt Ion:	93	Resp:	666034
Ion Ratio	Lower	Upper	
93	100		
66	41.1	55.8	83.6#
65	21.5	29.9	44.9#





#7

Phenol-d6

Concen: 78.77 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

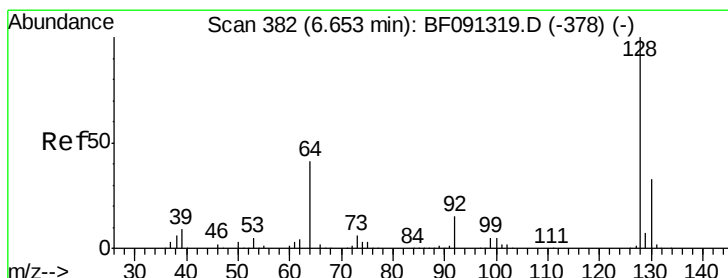
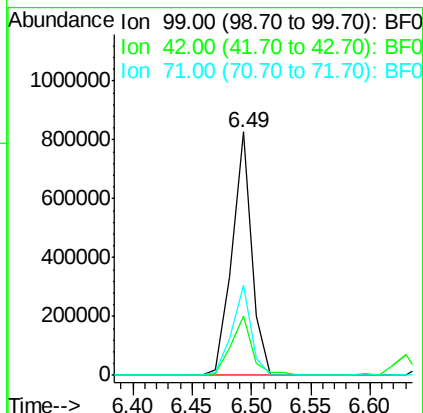
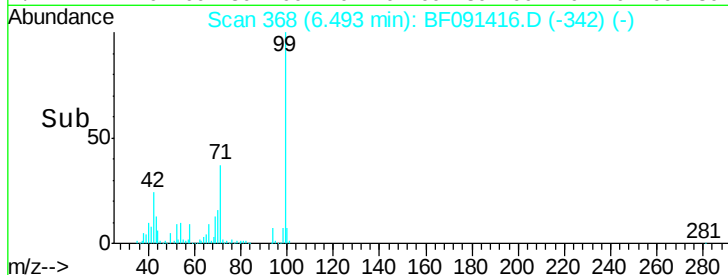
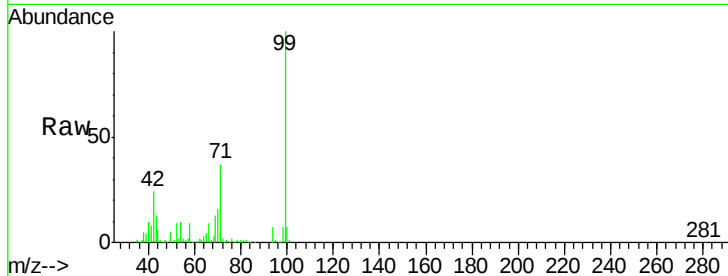
SSTDCCC040EC

Tgt Ion:	99	Resp:	948264
Ion Ratio	Lower	Upper	
99	100		
42	24.2	20.6	31.0
71	36.8	29.9	44.9

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#8

2-Chlorophenol

Concen: 38.29 ng

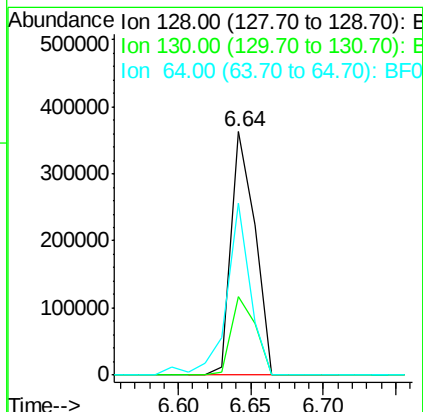
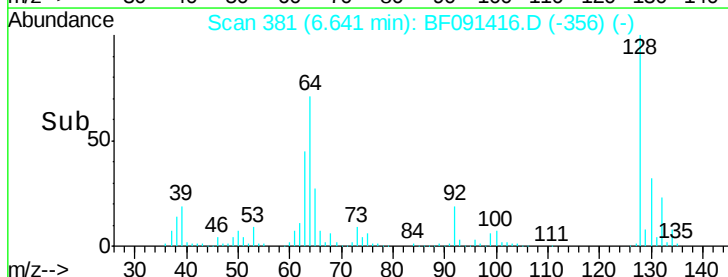
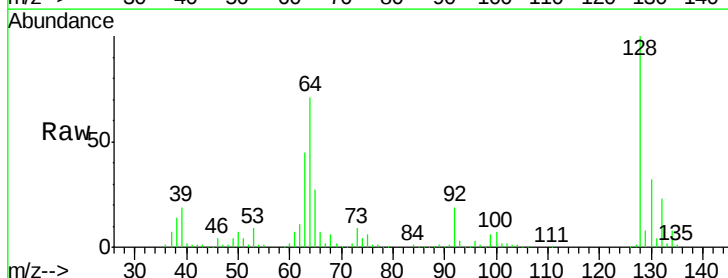
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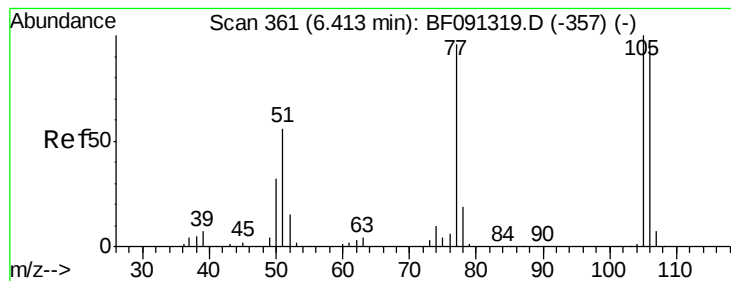
Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Tgt Ion:	128	Resp:	410530
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.1	53.1
64	70.7	24.1	64.1#





#9

Benzaldehyde

Concen: 39.78 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 307942
Ion Ratio Lower Upper

77 100

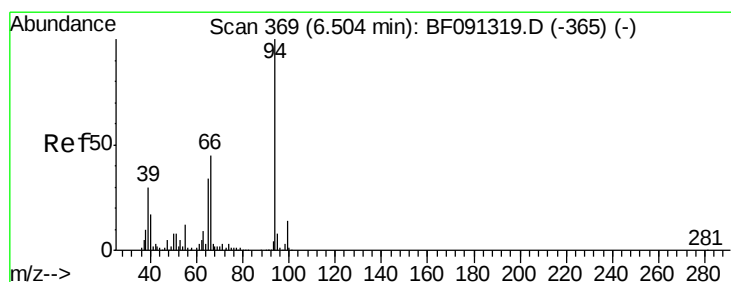
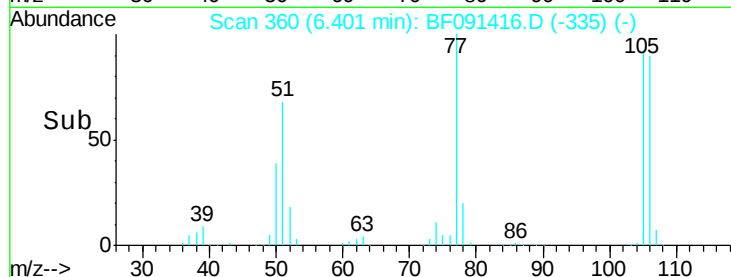
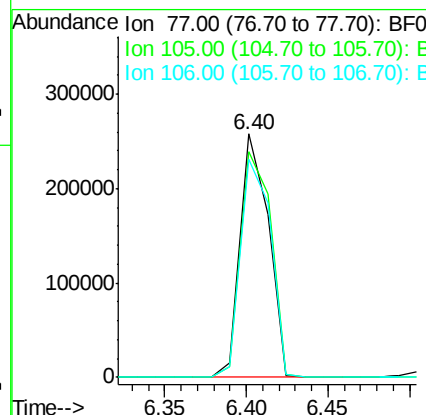
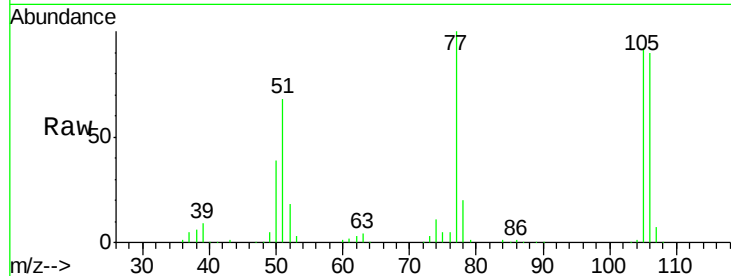
105 92.5 66.4 106.4

106 89.7 60.9 100.9

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12/5/2016 11:21:14 AM



#10

Phenol

Concen: 34.50 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091416.D

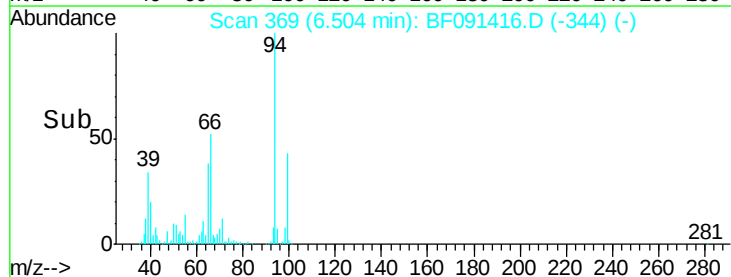
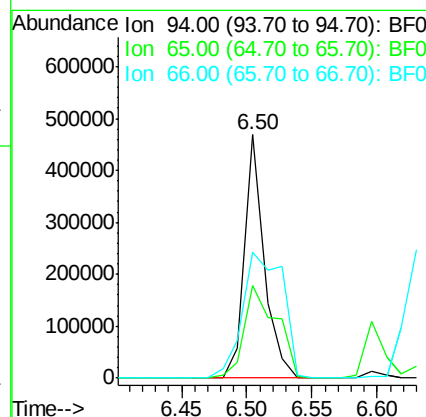
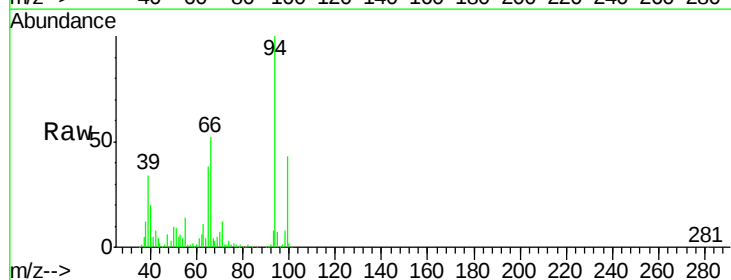
Acq: 3 Dec 2016 3:43

Tgt Ion: 94 Resp: 488684
Ion Ratio Lower Upper

94 100

65 38.2 16.9 56.9

66 51.6 30.6 70.6





#11
bis(2-Chloroethyl)ether
Concen: 37.68 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

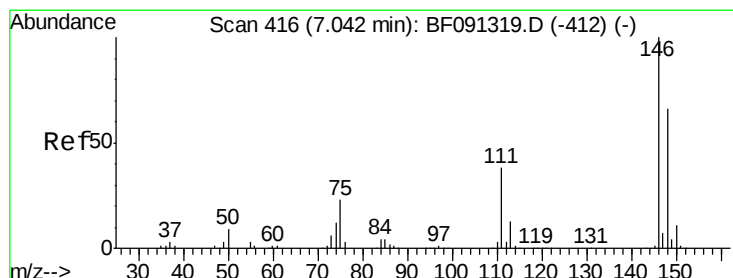
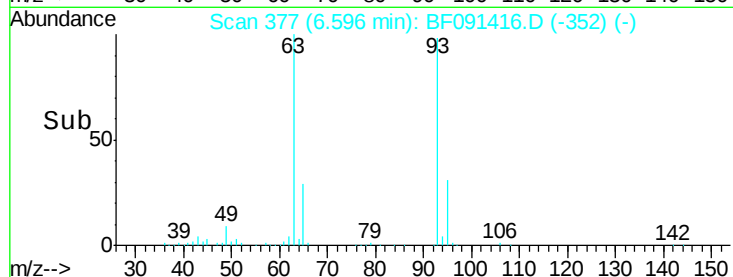
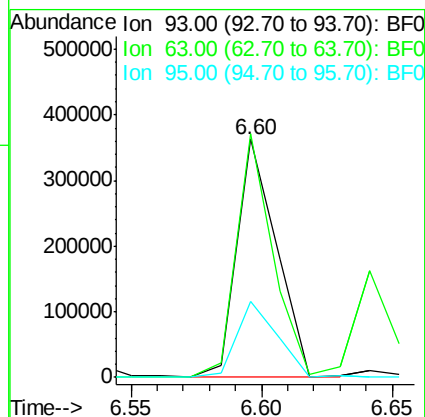
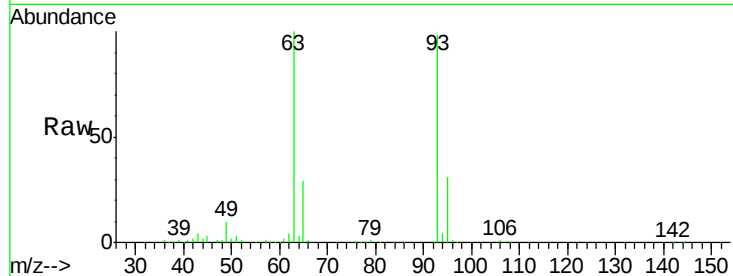
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	102.3	74.8	114.8
95	31.8	12.4	52.4

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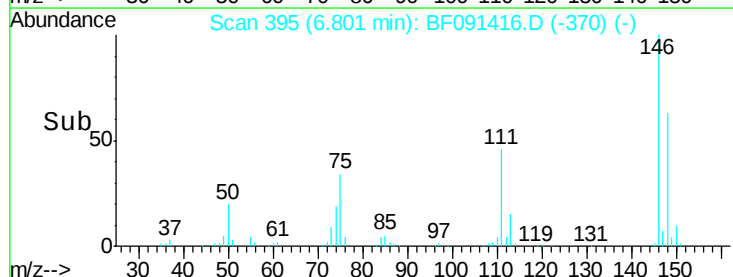
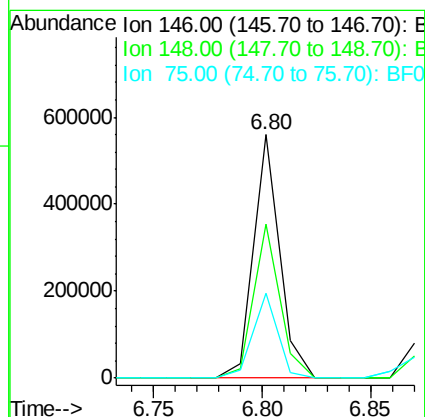
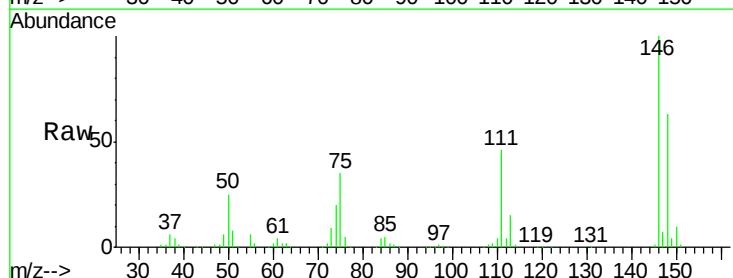
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12/5/2016 11:21:14 AM



#12
1,3-Dichlorobenzene
Concen: 39.14 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	35.1	23.6	35.4





#13
1,4-Dichlorobenzene
Concen: 43.02 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

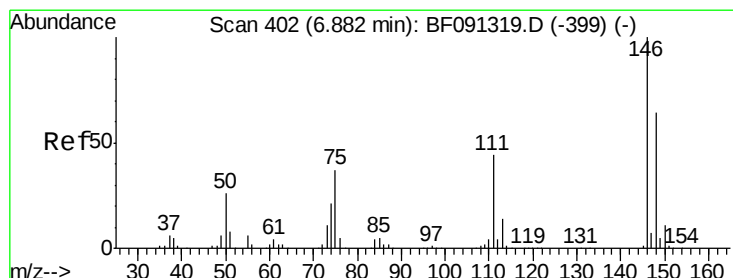
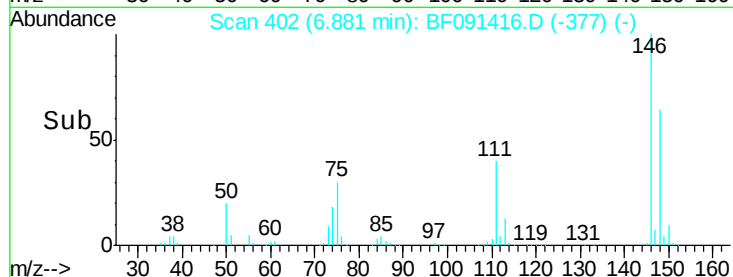
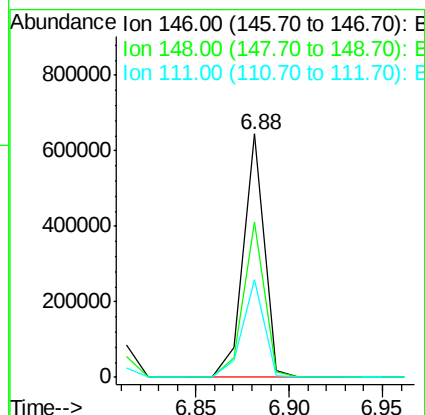
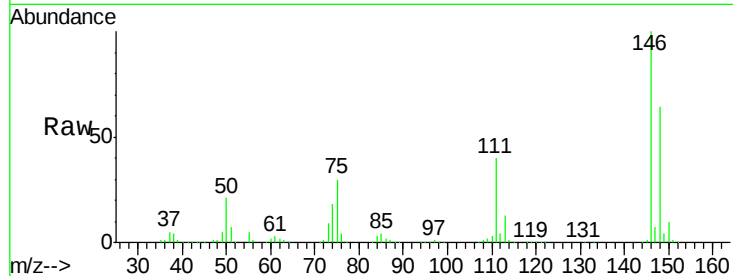
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	40.3	32.2	48.2

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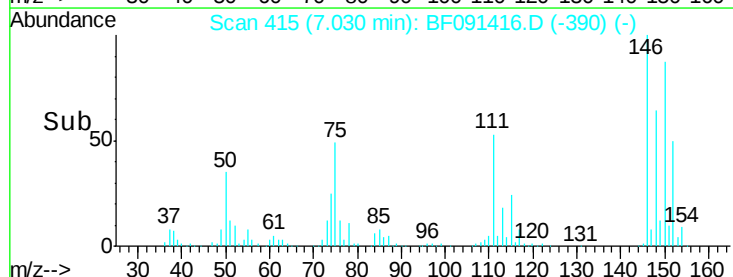
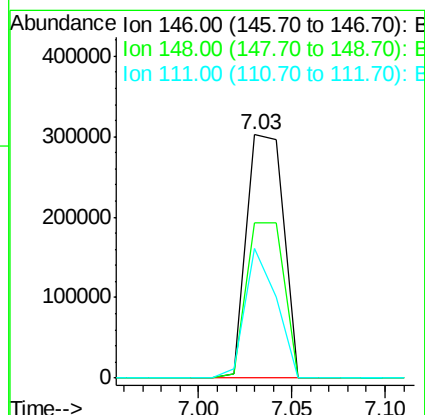
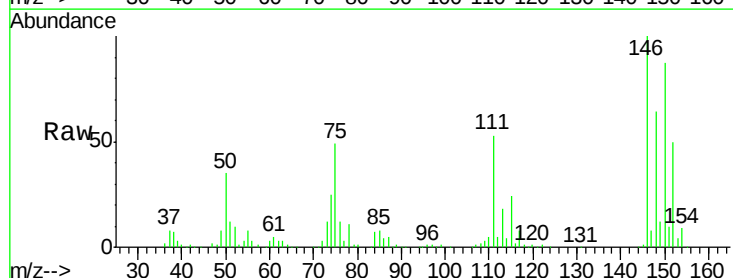
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#14
1,2-Dichlorobenzene
Concen: 37.49 ng
RT: 7.03 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
111	53.5	38.9	58.3





#15

Benzyl Alcohol

Concen: 44.21 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 425915
Ion Ratio Lower Upper

79 100

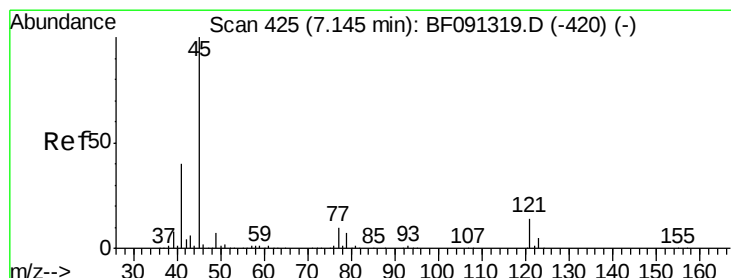
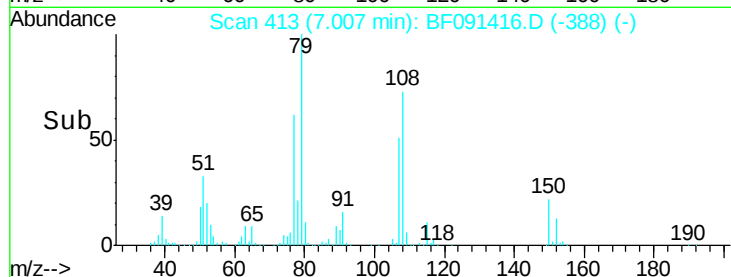
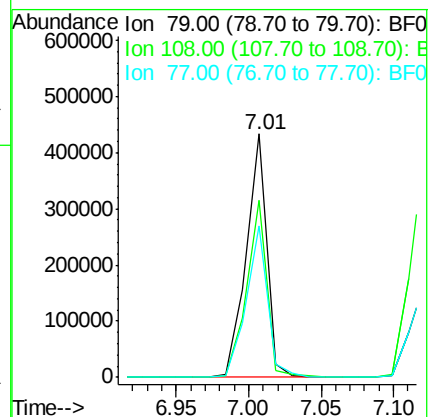
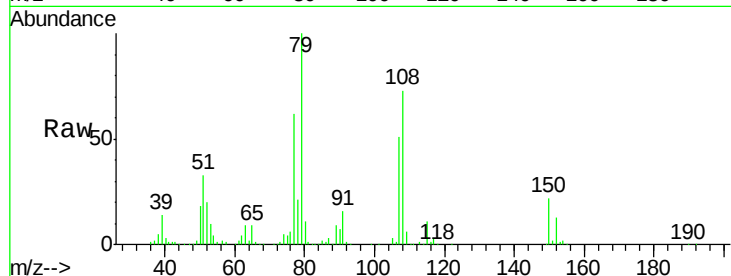
108 72.8 62.7 94.1

77 62.2 51.7 77.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.65 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091416.D

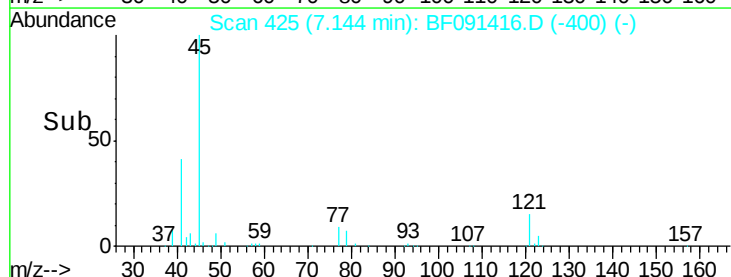
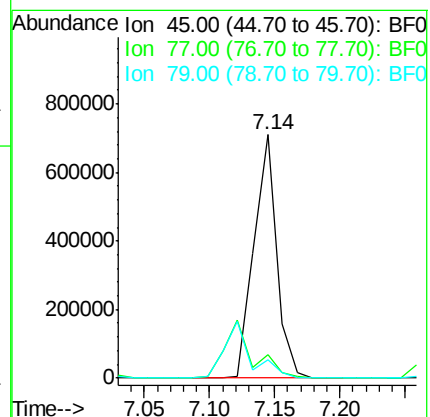
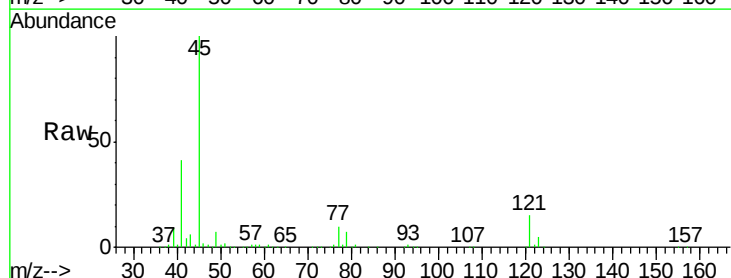
Acq: 3 Dec 2016 3:43

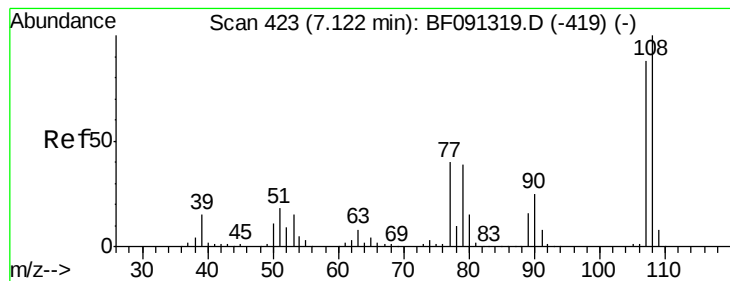
Tgt Ion: 45 Resp: 862802
Ion Ratio Lower Upper

45 100

77 9.7 3.8 43.8

79 7.4 0.2 40.2





#17

2-Methylphenol

Concen: 42.33 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 358725
Ion Ratio Lower Upper

107 100

108 114.6 67.7 101.5#

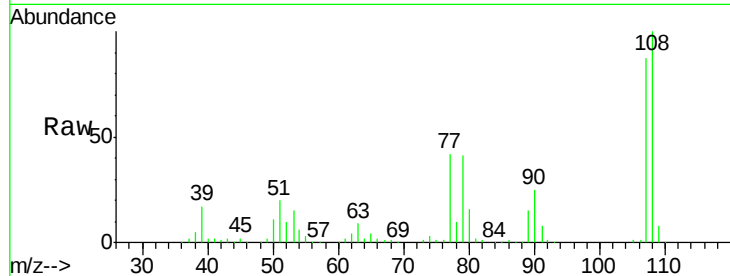
77 47.8 40.7 61.1

79 47.3 23.4 35.2#

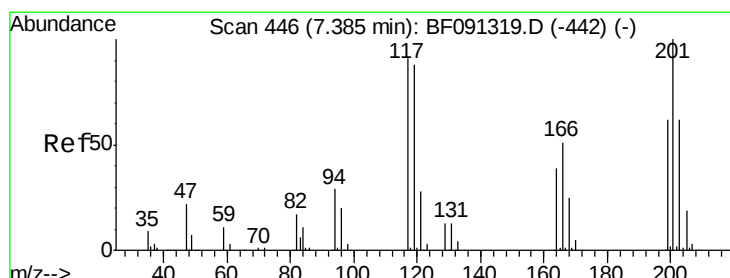
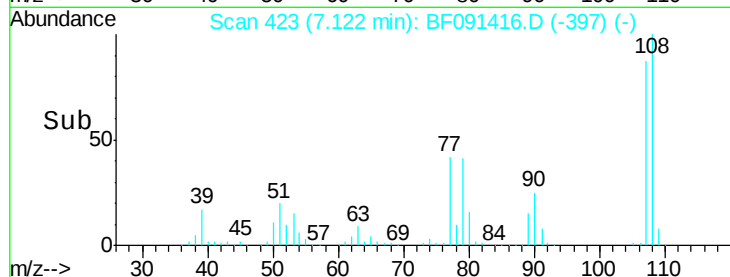
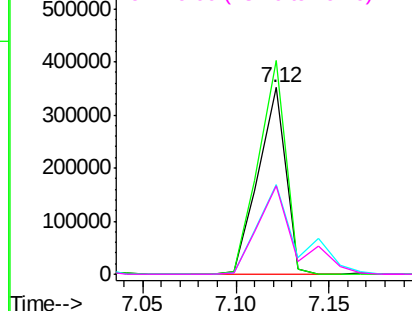
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.37 ng

RT: 7.37 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

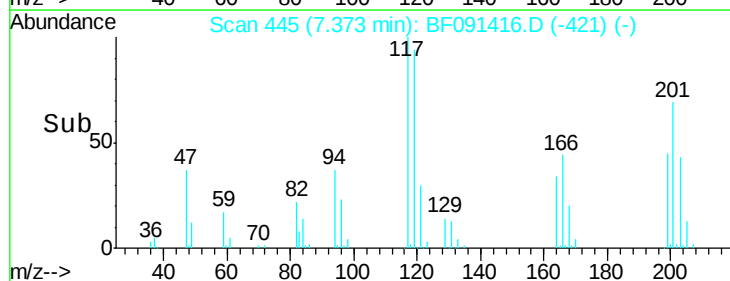
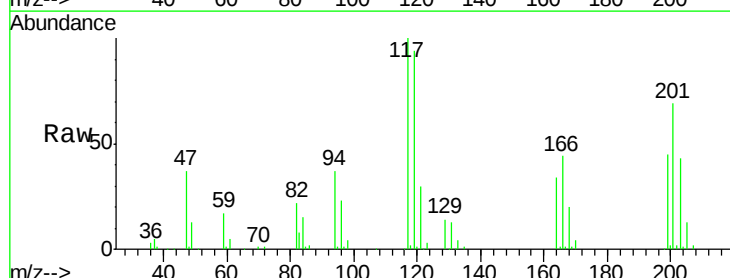
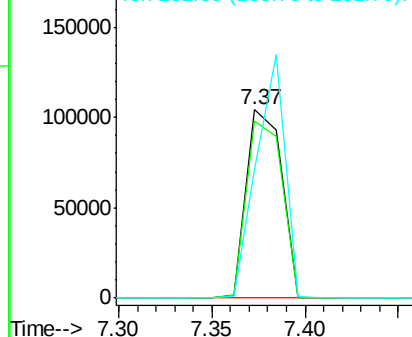
Tgt Ion:117 Resp: 136357
Ion Ratio Lower Upper

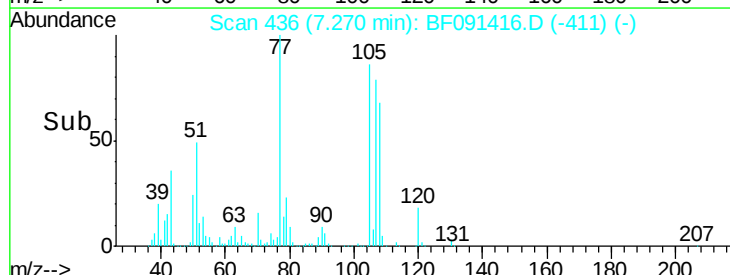
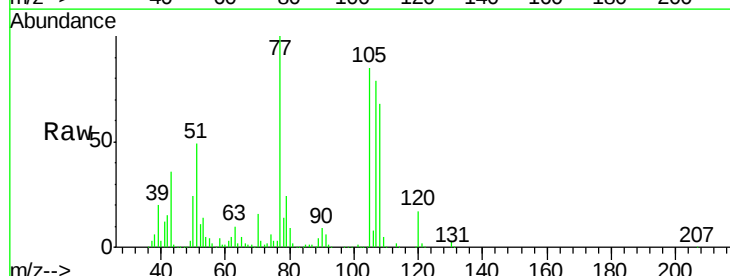
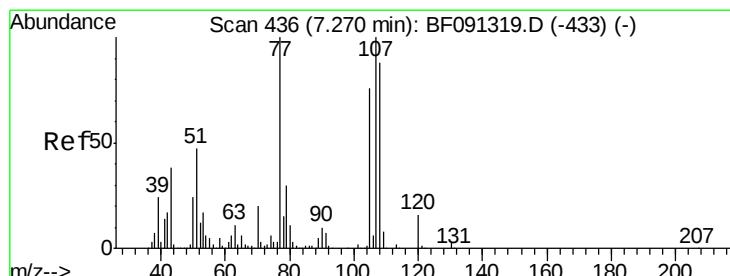
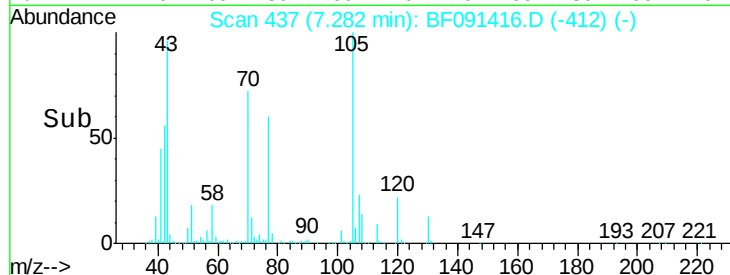
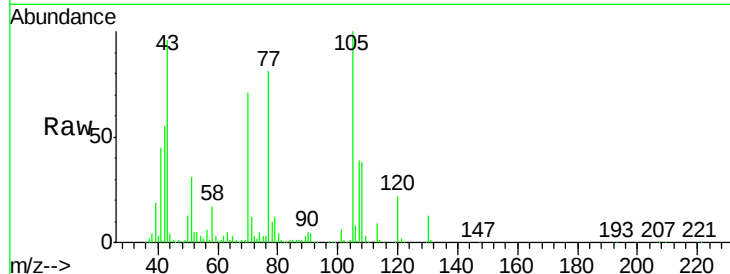
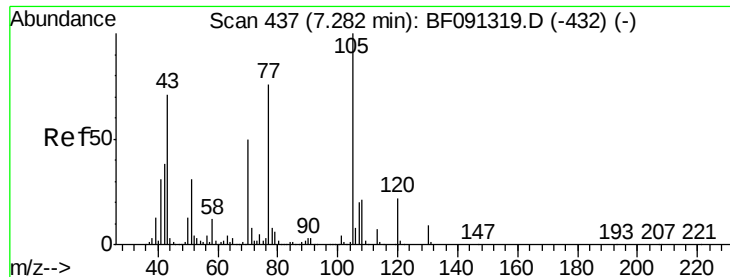
117 100

119 94.4 78.6 118.0

201 68.6 86.7 130.1#

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 39.21 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

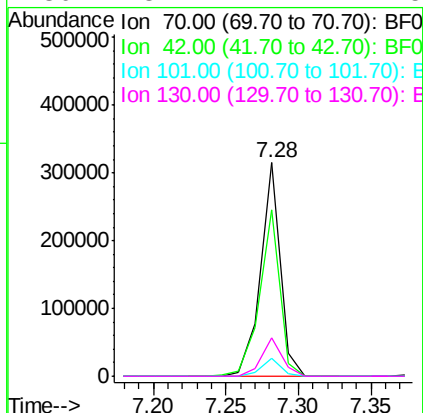
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	77.9	64.8	97.2
101	8.5	6.2	9.4
130	18.2	11.7	17.5

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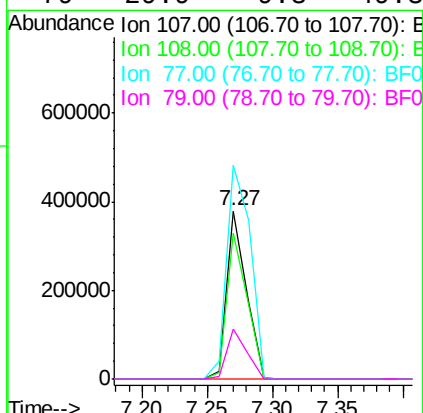
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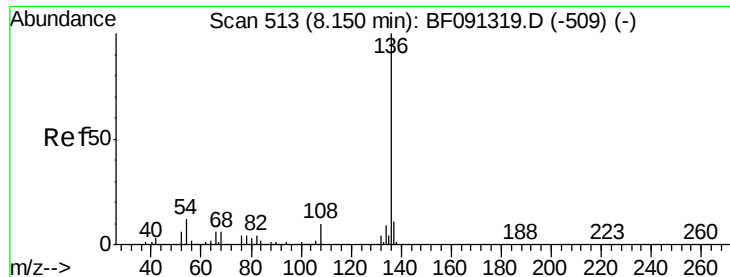
12/5/2016 11:21:14 AM



#20
3+4-Methylphenols
Concen: 38.03 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	86.7	64.6	104.6
77	127.2	30.9	70.9
79	29.9	9.3	49.3





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

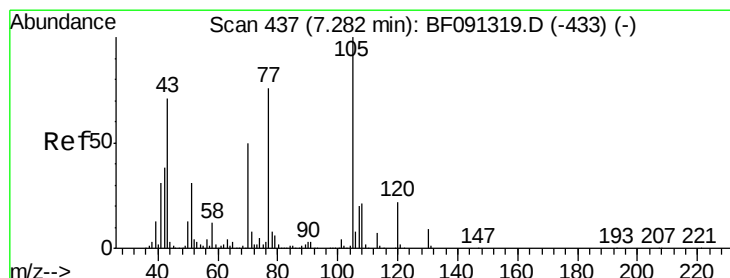
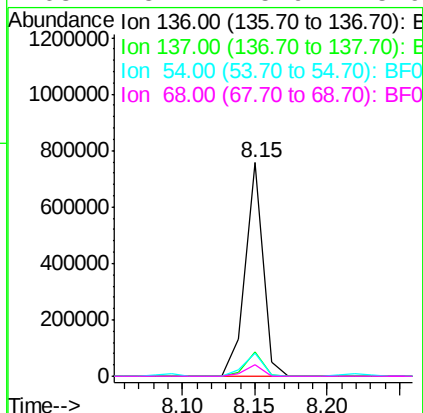
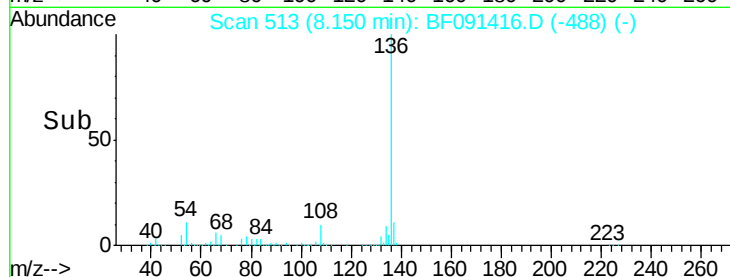
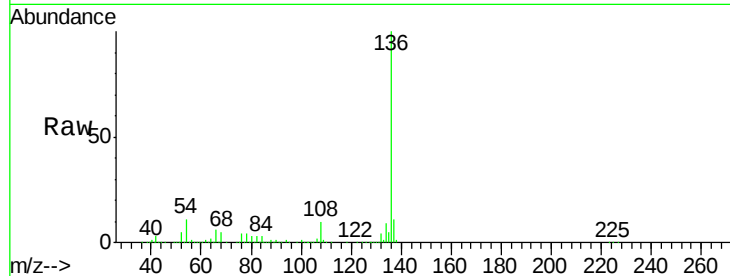
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.2	9.1	13.7
54	10.9	9.1	13.7
68	5.4	5.9	8.9#

Manual Integrations
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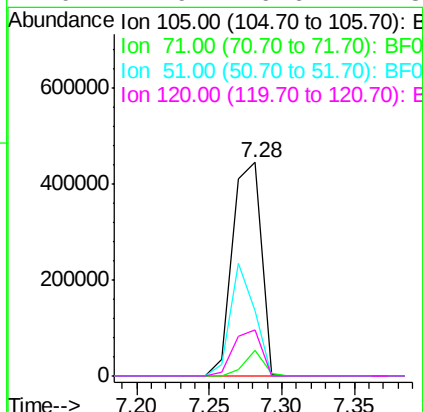
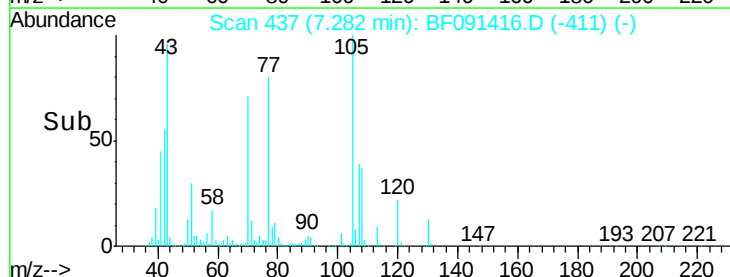
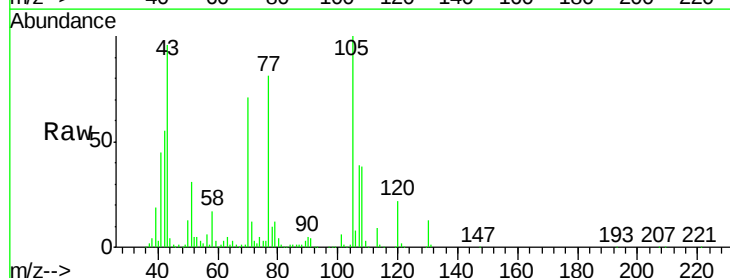
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#22
Acetophenone
Concen: 40.12 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	11.8	7.9	11.9
51	30.6	24.5	36.7
120	21.9	16.6	24.8





#23
Nitrobenzene-d5
Concen: 78.22 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

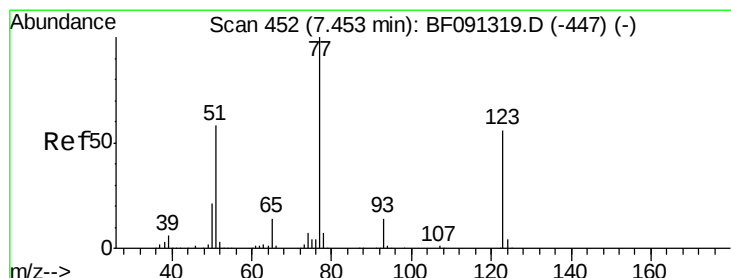
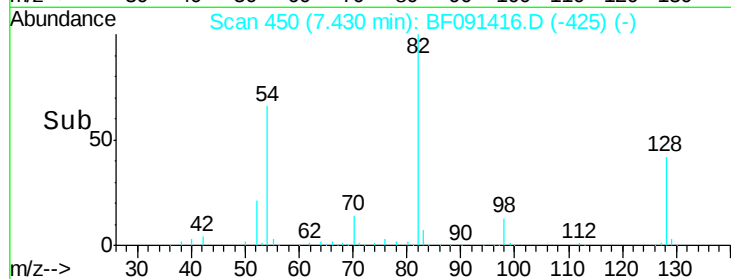
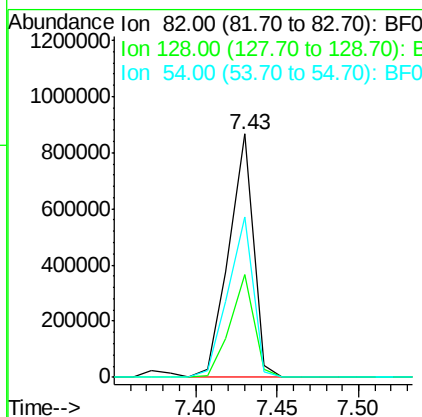
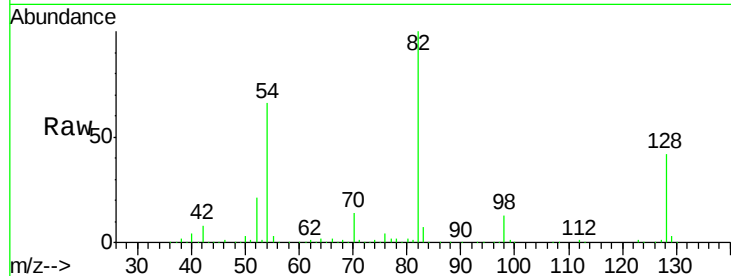
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.1	31.8	47.6
54	66.0	49.1	73.7

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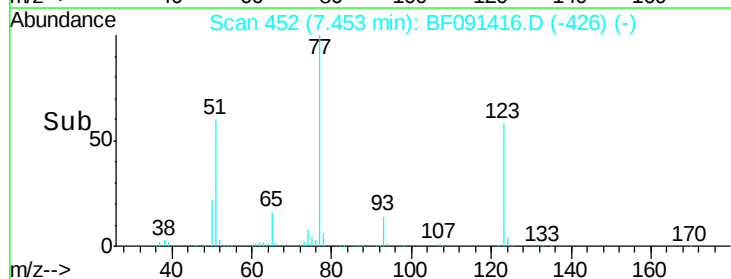
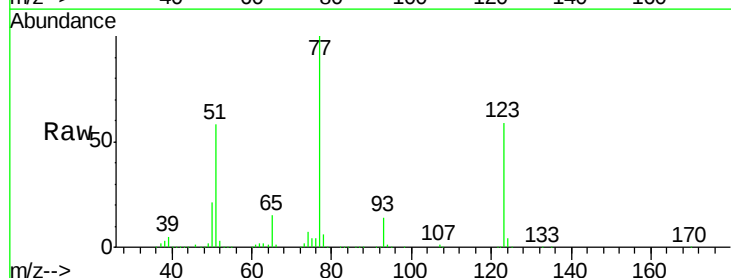
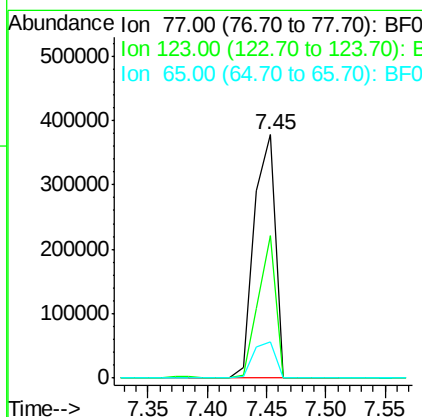
sohil

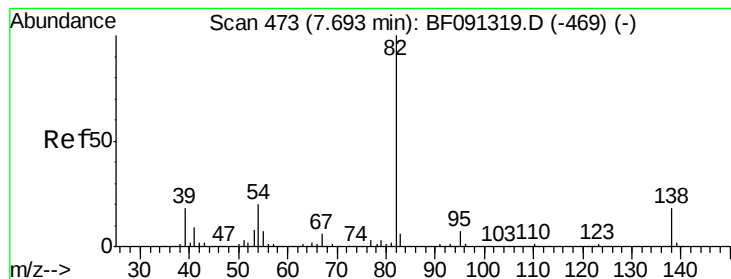
12/5/2016 11:21:14 AM



#24
Nitrobenzene
Concen: 39.97 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	58.8	28.5	42.7#
65	14.8	12.5	18.7





#25

Isophorone

Concen: 39.41 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 803454
Ion Ratio Lower Upper

82 100

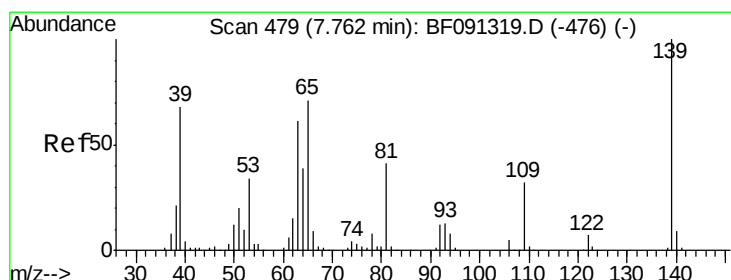
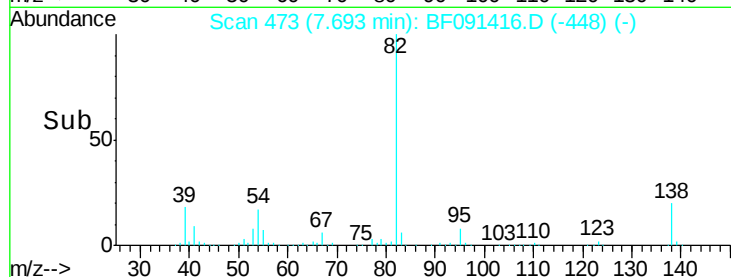
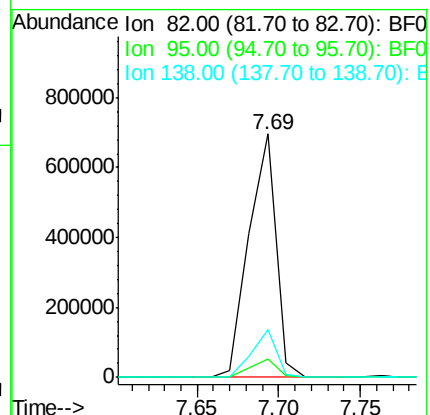
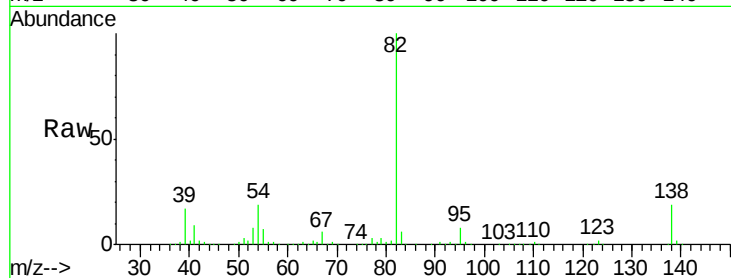
95 7.7 5.7 8.5

138 19.4 13.4 20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.61 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091416.D

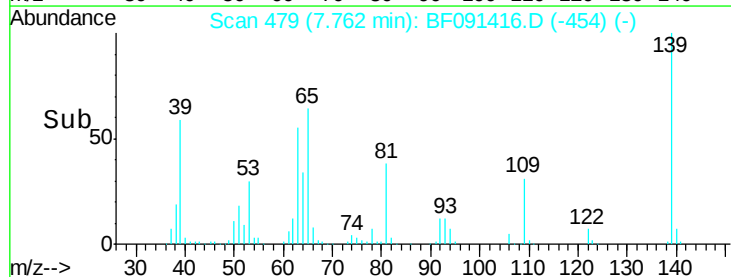
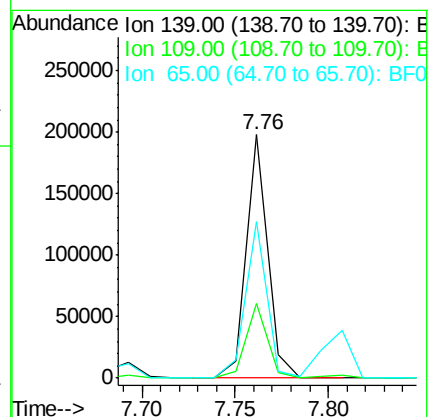
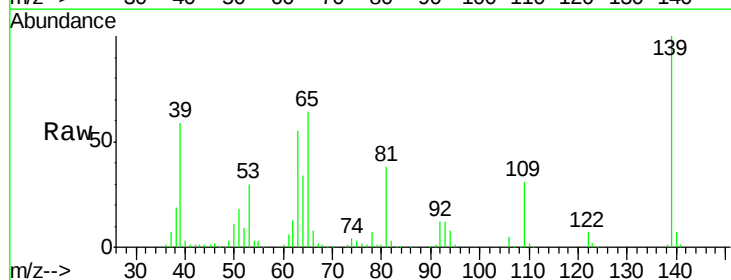
Acq: 3 Dec 2016 3:43

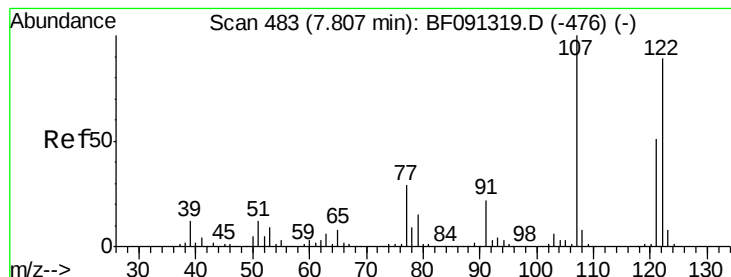
Tgt Ion: 139 Resp: 158984
Ion Ratio Lower Upper

139 100

109 30.6 25.3 37.9

65 64.4 55.4 83.2





#27
 2,4-Dimethylphenol
 Concen: 40.29 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

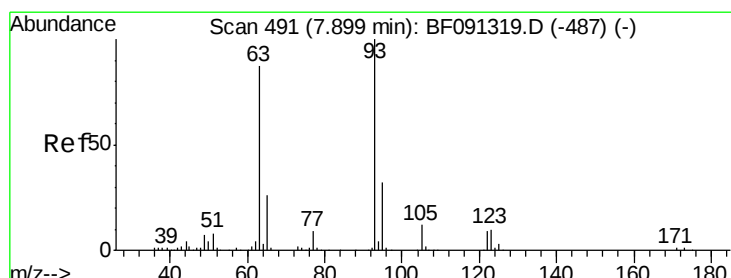
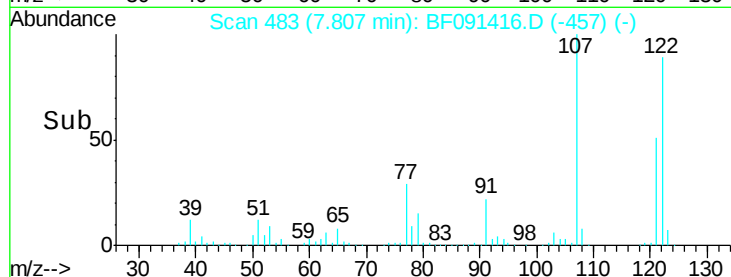
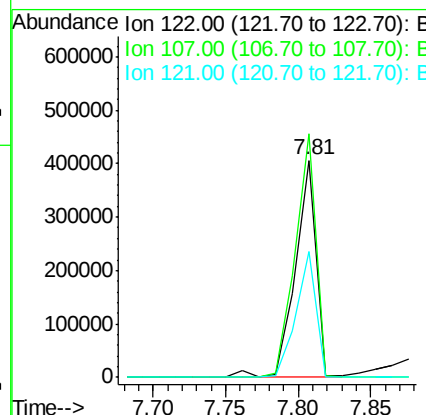
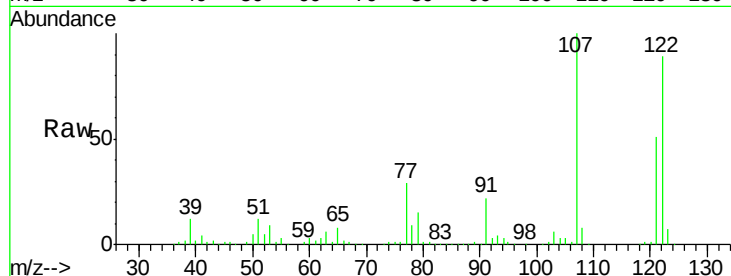
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.1	96.8	145.2
121	57.7	47.7	71.5

Manual Integrations
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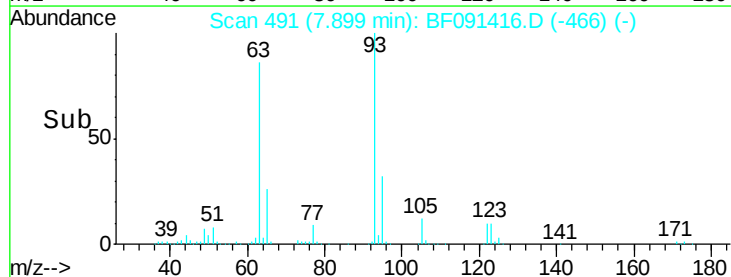
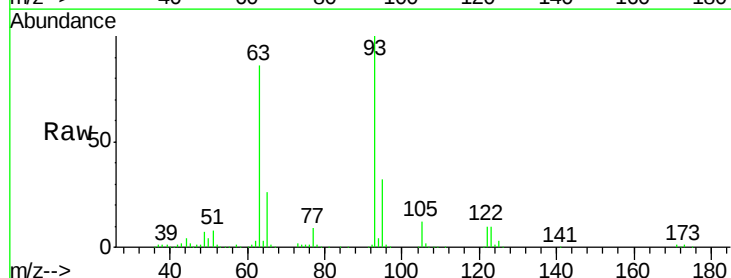
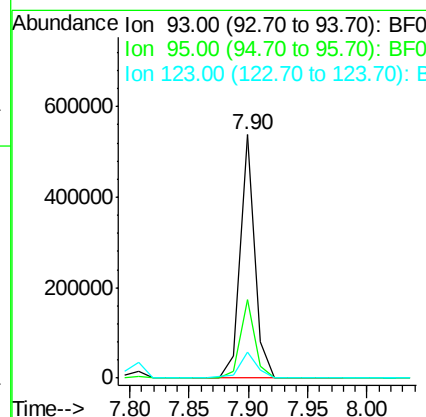
sohil

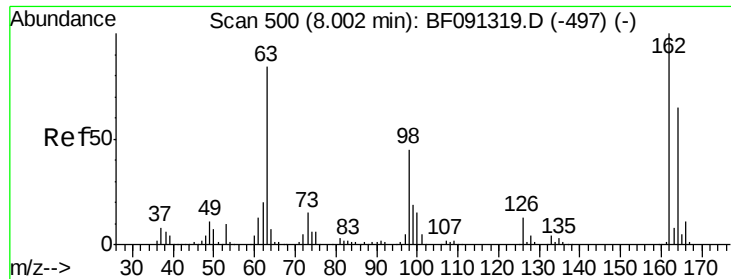
12/5/2016 11:21:14 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.31 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.0	39.0
123	10.4	8.6	12.8





#29
 2,4-Dichlorophenol
 Concen: 35.96 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

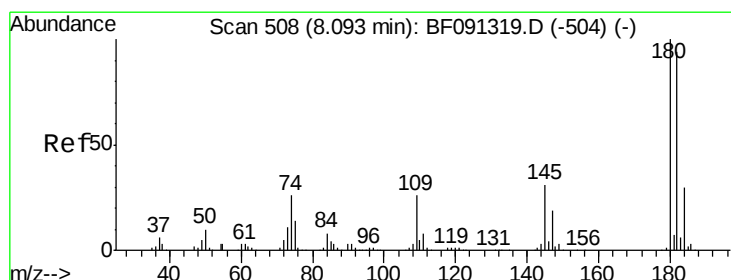
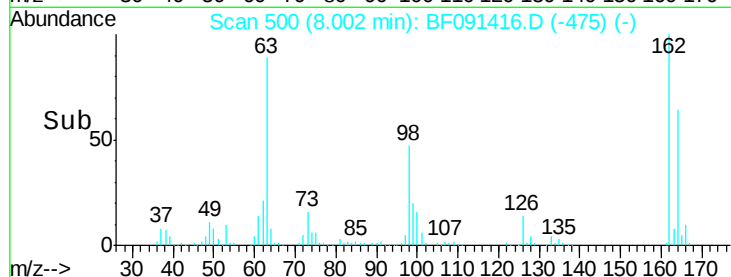
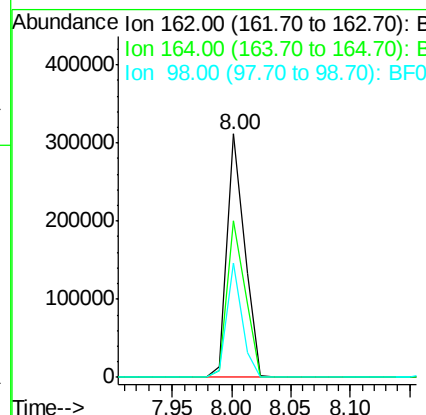
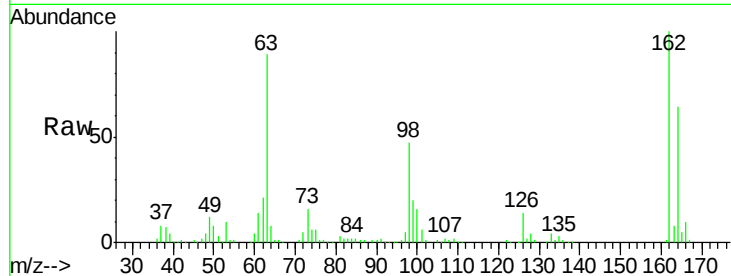
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	317761		
164	64.3	45.0	85.0	
98	46.9	21.3	61.3	

Manual Integrations
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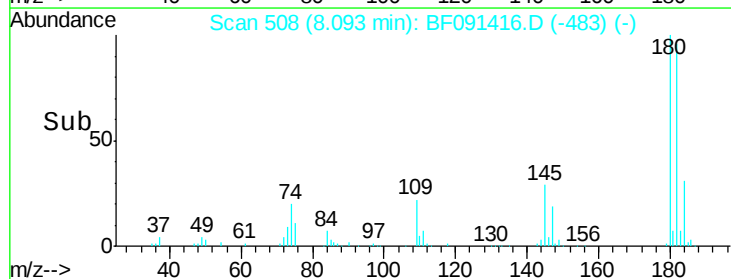
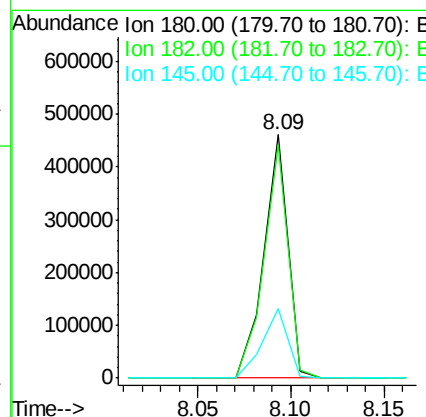
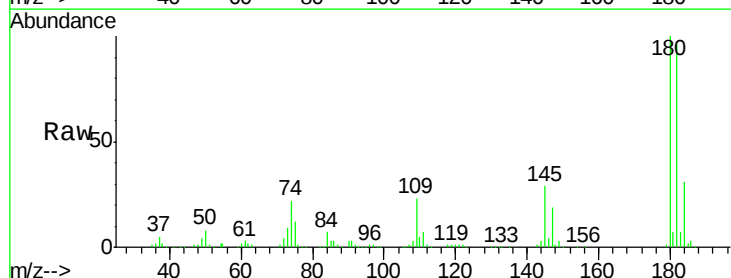
sohil

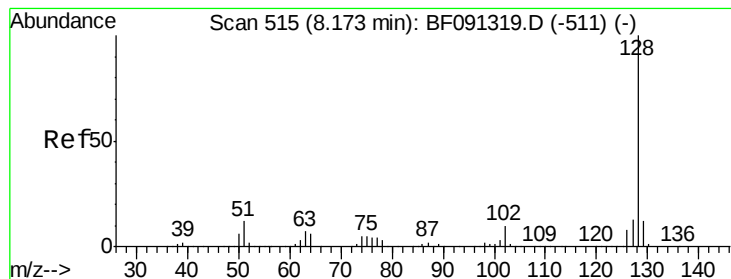
12/5/2016 11:21:14 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.25 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	408693		
182	95.7	75.8	113.8	
145	28.8	27.0	40.4	





#31

Naphthalene

Concen: 41.42 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:128 Resp: 1269462

Ion Ratio Lower Upper

128 100

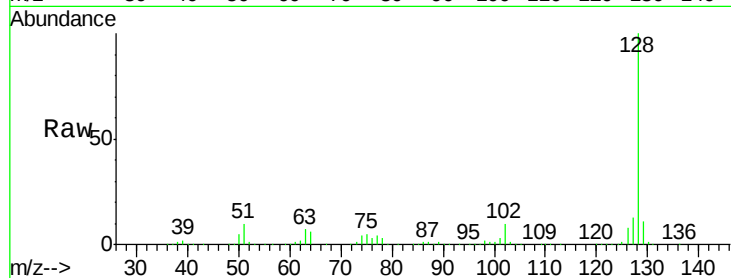
129 11.5 9.1 13.7

127 13.4 11.0 16.4

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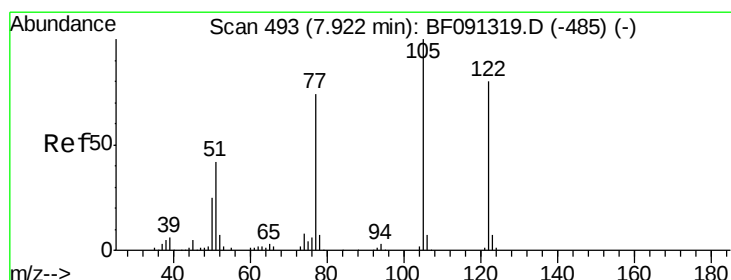
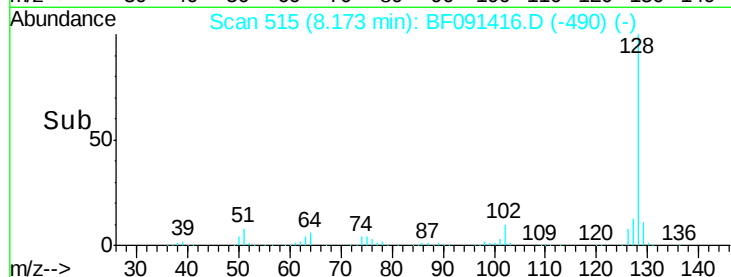
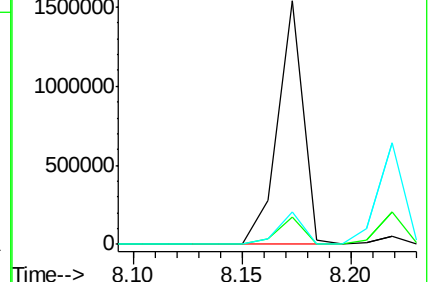
12/5/2016 11:21:14 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.23 ng

RT: 7.91 min Scan# 492

Delta R.T. -0.03 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

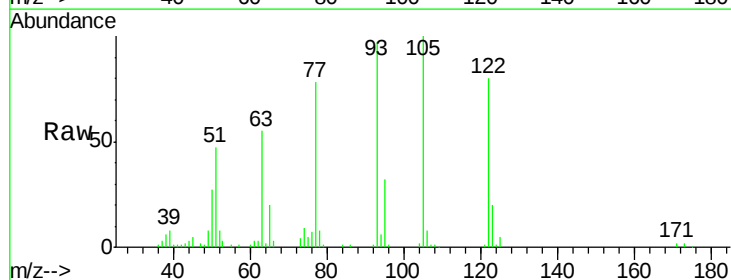
Tgt Ion:122 Resp: 179399

Ion Ratio Lower Upper

122 100

105 125.5 113.0 153.0

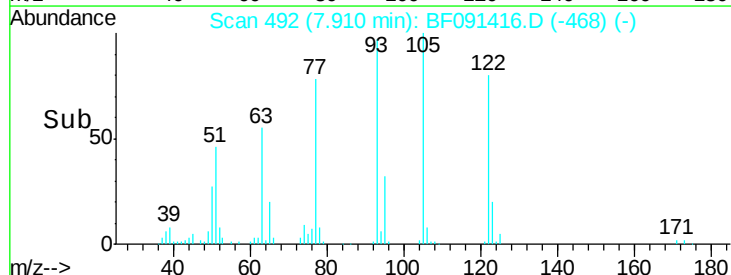
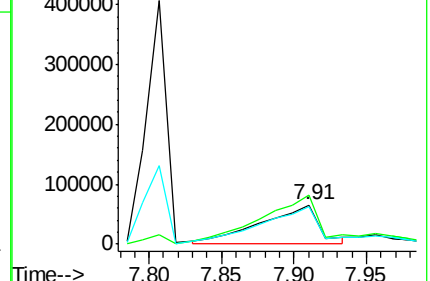
77 97.4 82.0 122.0

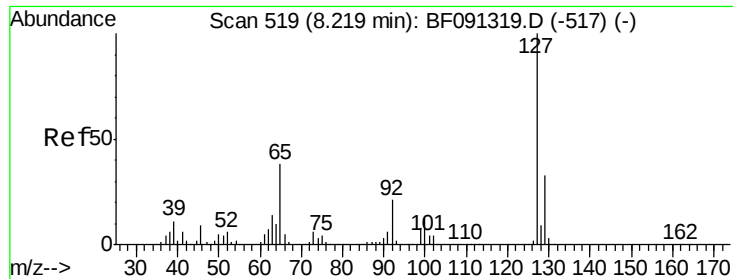


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 40.54 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

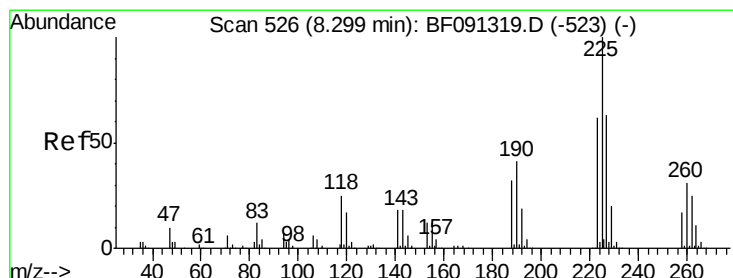
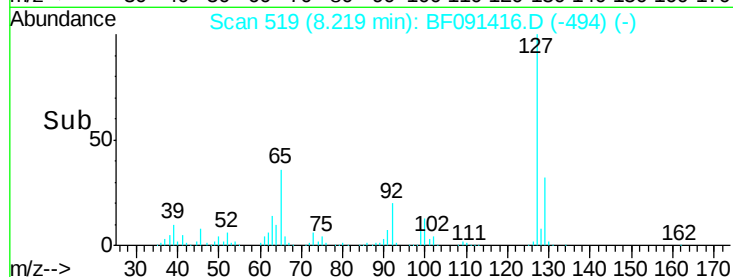
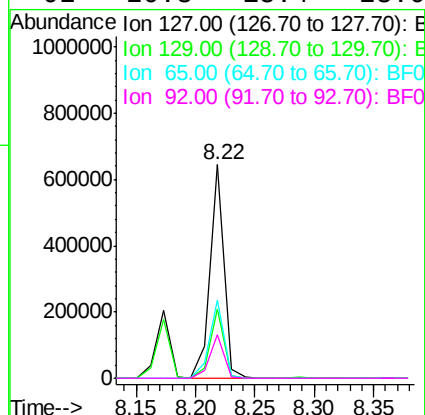
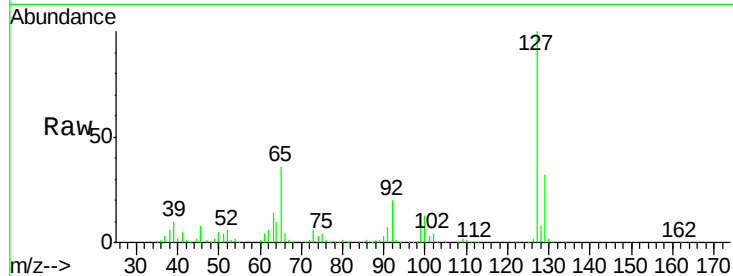
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.2	26.2	39.4
65	36.3	26.6	39.8
92	20.3	15.4	23.0

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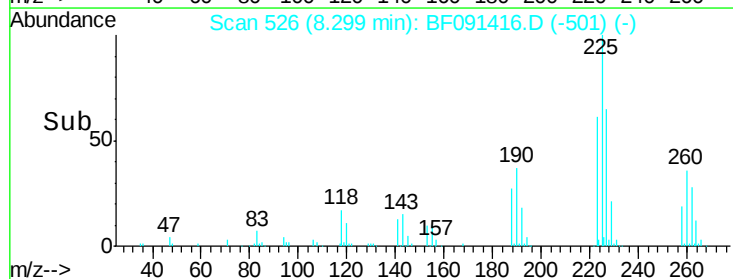
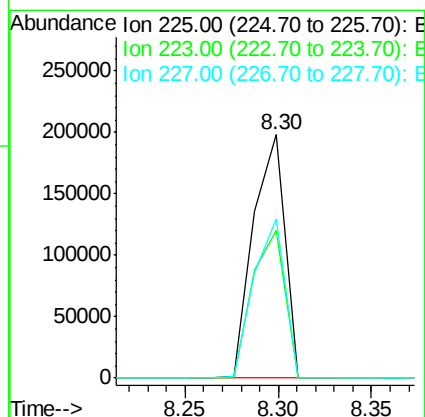
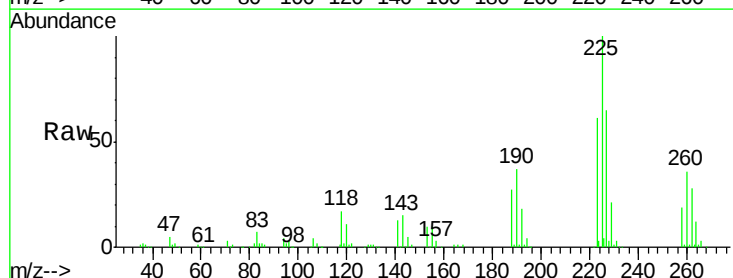
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#34
Hexachlorobutadiene
Concen: 37.81 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	60.5	49.8	74.6
227	65.3	52.6	79.0





#35
 Caprolactam
 Concen: 42.57 ng
 RT: 8.60 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

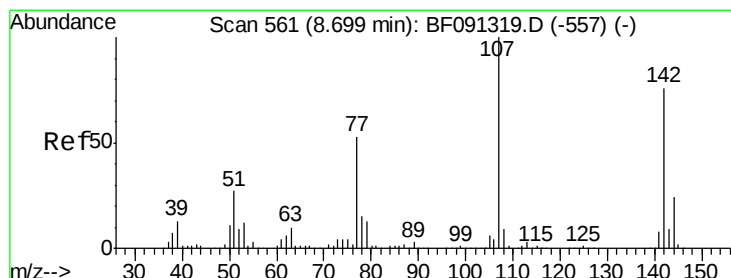
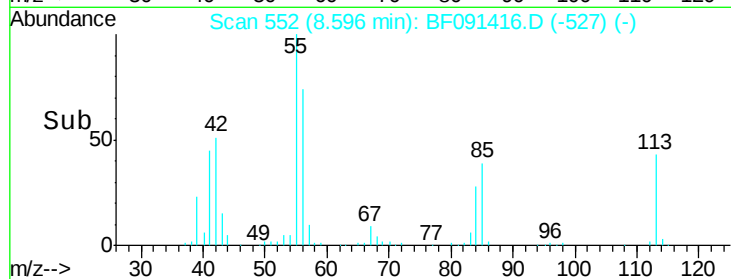
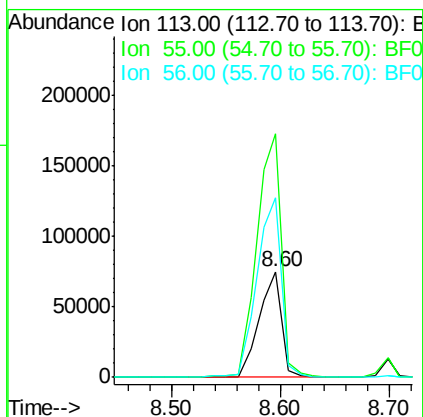
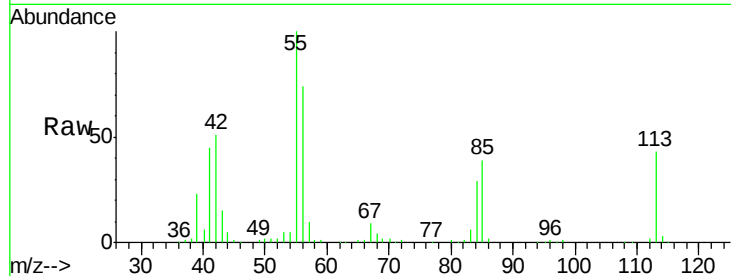
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
113	100		
55	230.5	239.8	279.8#
56	169.8	165.6	205.6

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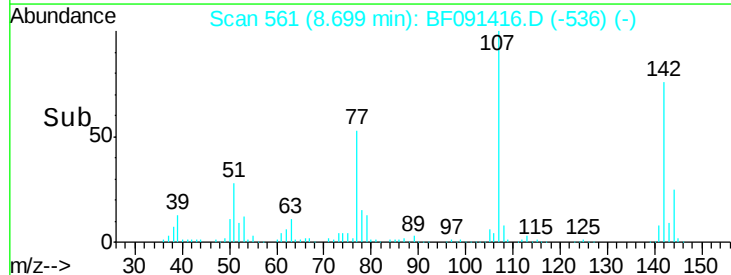
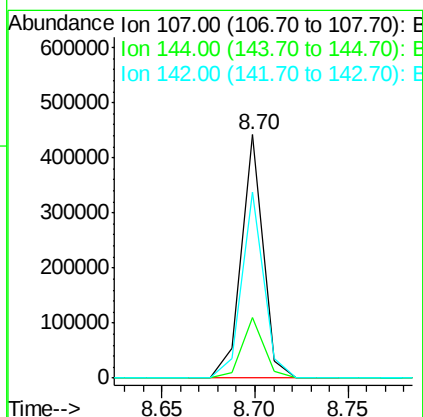
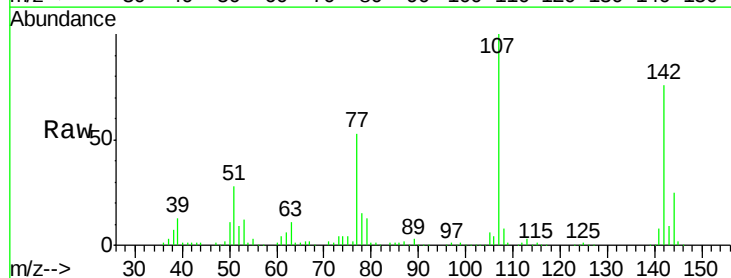
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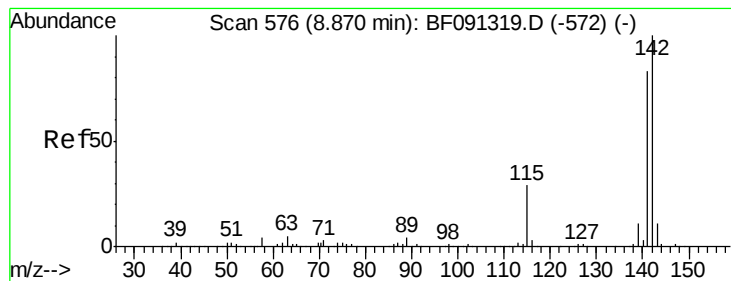
12/5/2016 11:21:14 AM



#36
 4-Chloro-3-methylphenol
 Concen: 37.99 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	18.9	28.3
142	76.2	58.5	87.7





#37

2-Methylnaphthalene

Concen: 35.17 ng

RT: 8.86 min Scan# 575

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

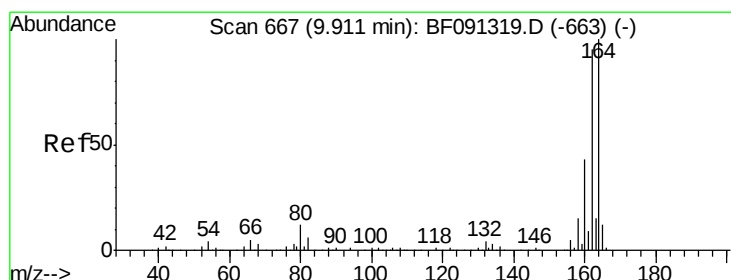
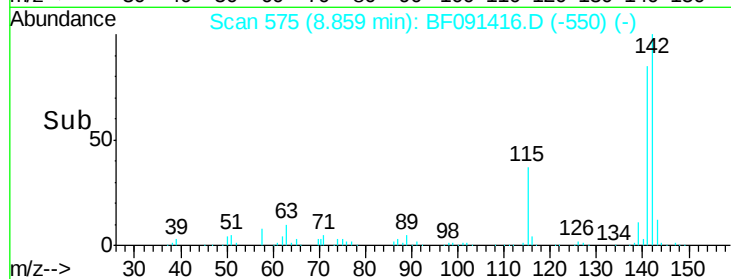
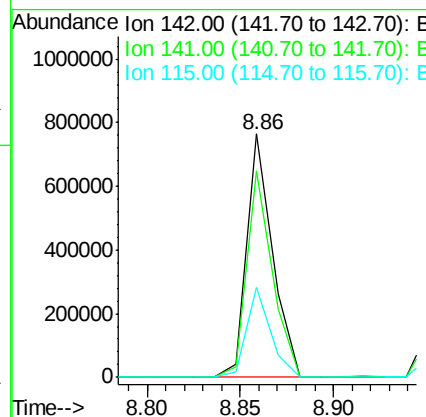
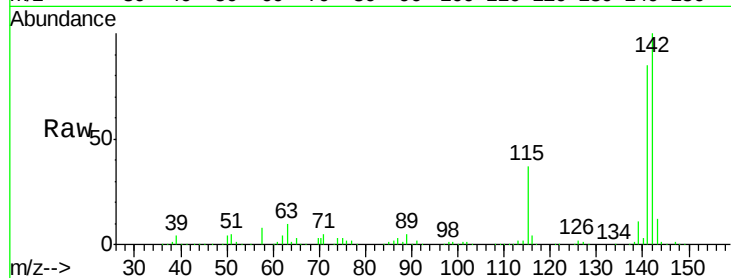
SSTDCCC040EC

Tgt Ion:	142	Resp:	732492
Ion Ratio	Lower	Upper	
142	100		
141	84.7	71.7	107.5
115	37.2	25.0	37.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

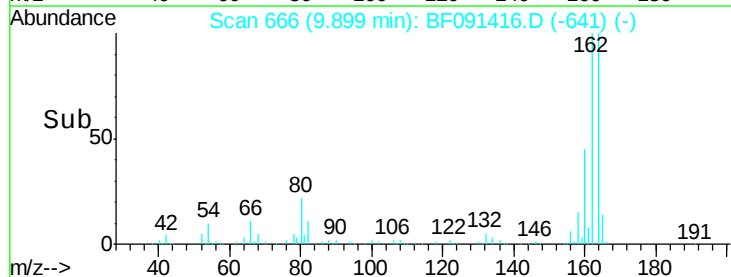
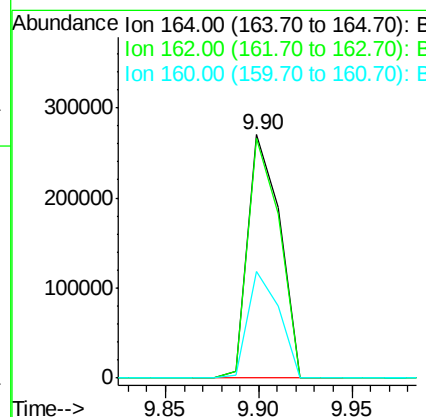
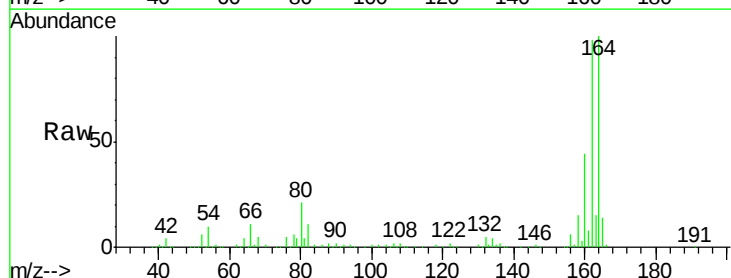
RT: 9.90 min Scan# 666

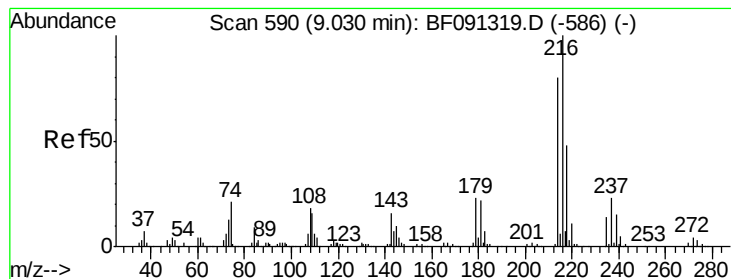
Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Tgt Ion:	164	Resp:	321186
Ion Ratio	Lower	Upper	
164	100		
162	98.2	82.6	124.0
160	43.7	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.96 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

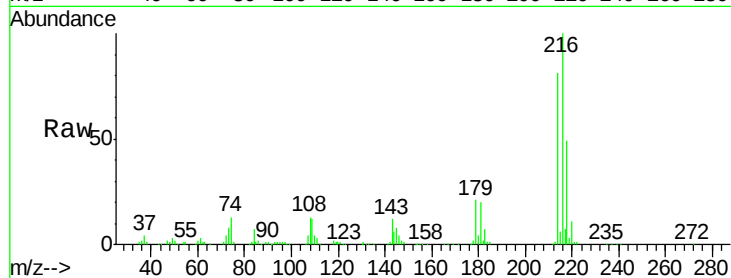
SSTDCCC040EC

Tgt Ion:	216	Resp:	407095
Ion Ratio		Lower	Upper
216	100		
214	81.1	63.8	95.8
179	22.0	18.2	27.2
108	16.1	17.2	25.8

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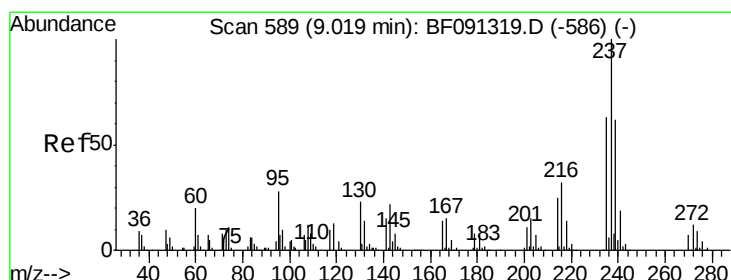
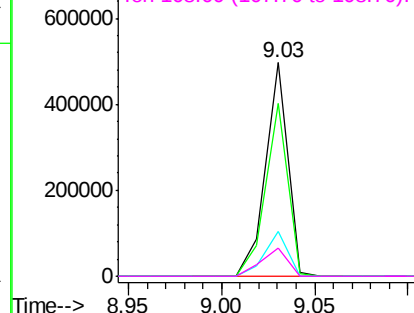
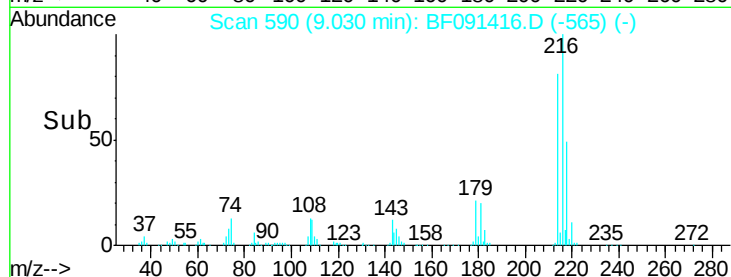


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.09 ng

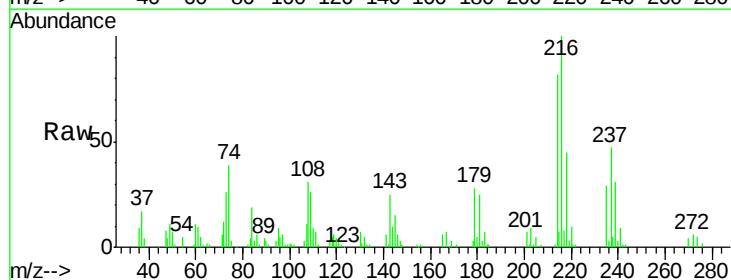
RT: 9.02 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

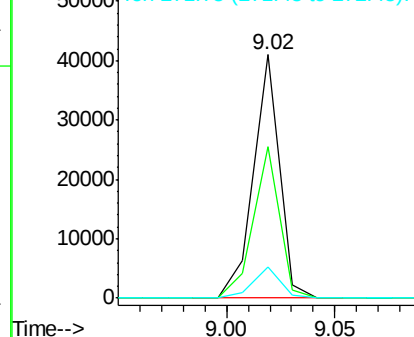
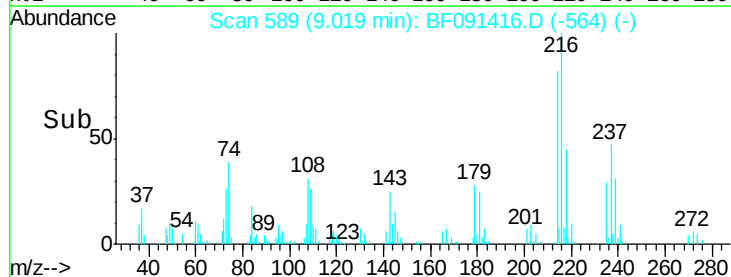
Tgt Ion:	237	Resp:	33954
Ion Ratio		Lower	Upper
237	100		
235	62.0	43.9	83.9
272	12.8	0.0	33.1

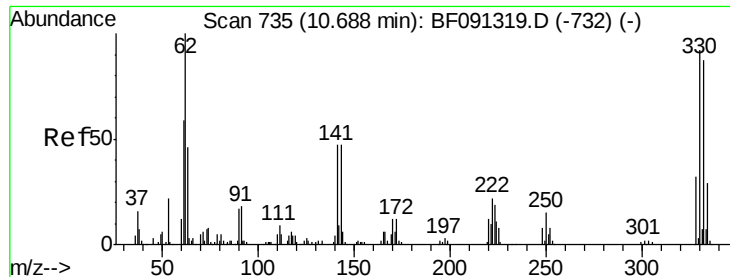


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41
 2,4,6-Tribromophenol
 Concen: 65.89 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

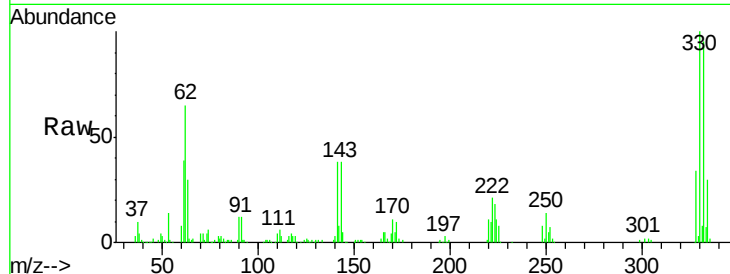
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	35.9	33.6	50.4

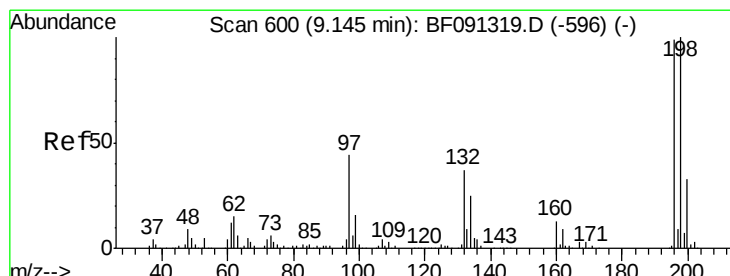
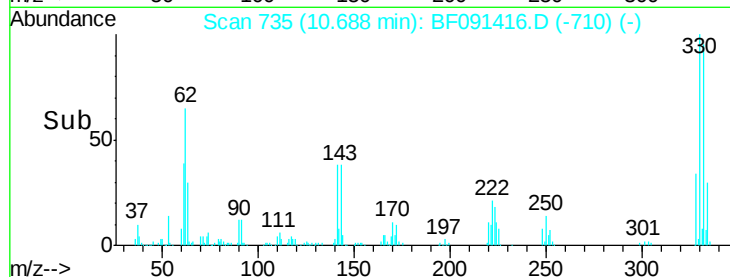
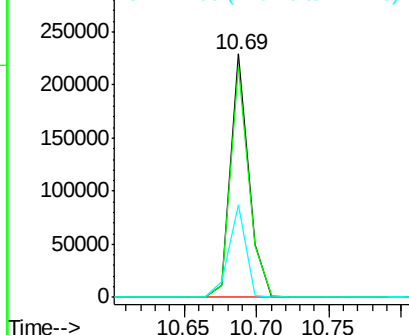
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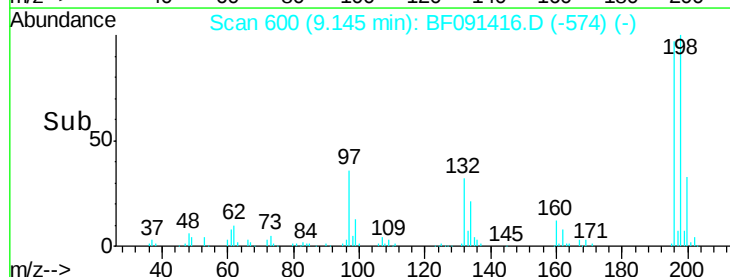
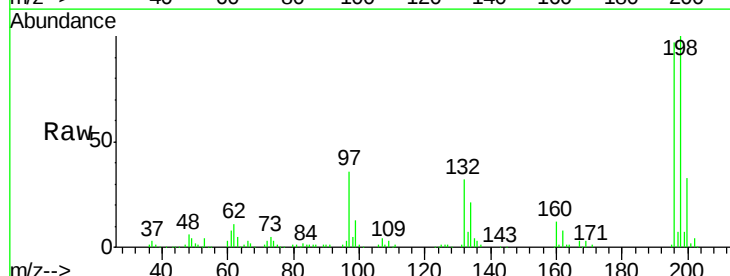
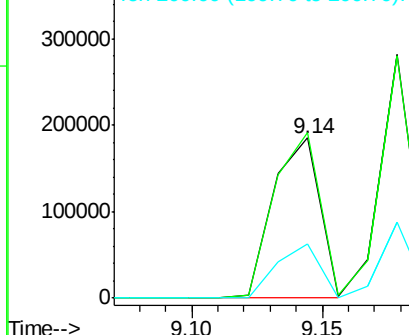
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

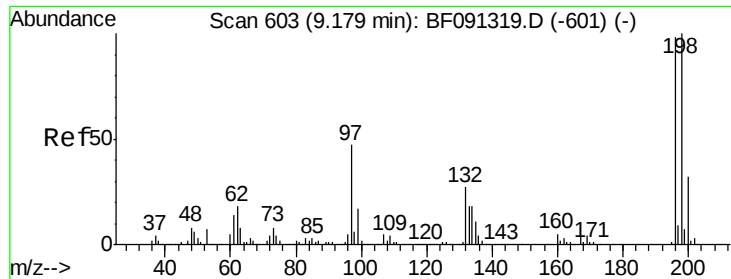


#42
 2,4,6-Trichlorophenol
 Concen: 39.10 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.5	77.4	116.0
200	34.1	25.2	37.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 40.05 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

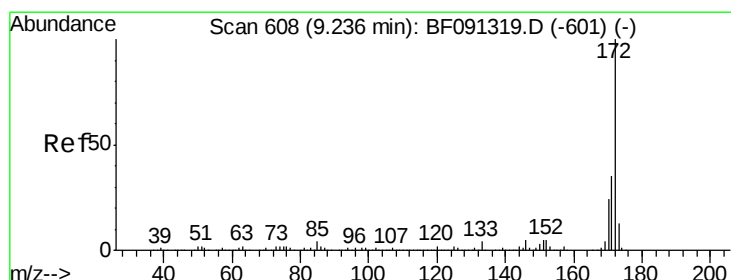
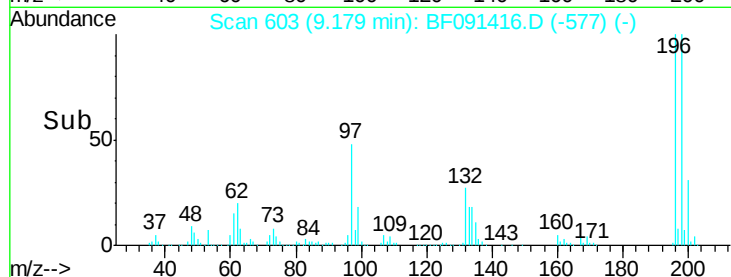
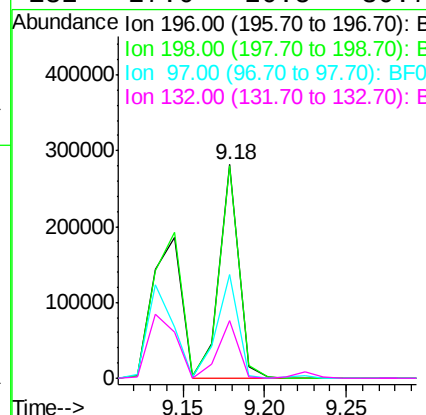
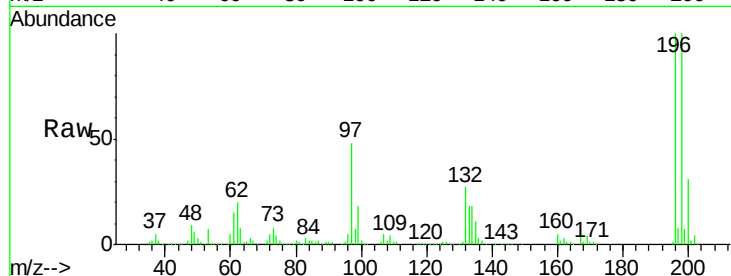
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	236165		
198	99.7	77.0	115.6	
97	48.4	33.5	50.3	
132	27.0	20.5	30.7	

Manual Integrations
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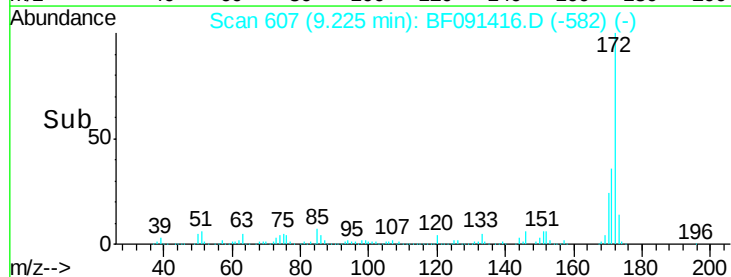
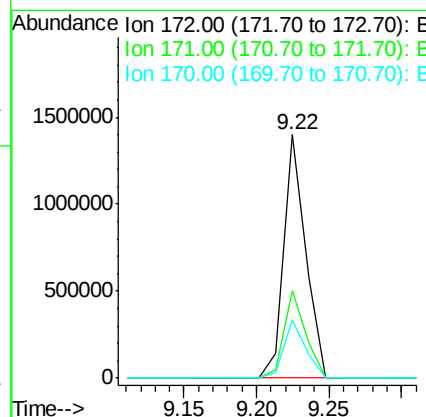
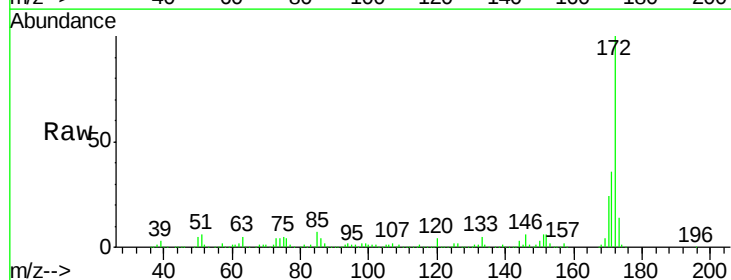
sohil

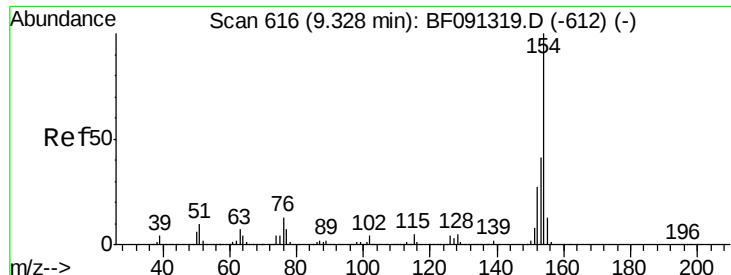
12/5/2016 11:21:14 AM



#44
 2-Fluorobiphenyl
 Concen: 82.12 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1456768		
171	35.7	29.4	44.0	
170	24.1	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 43.21 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

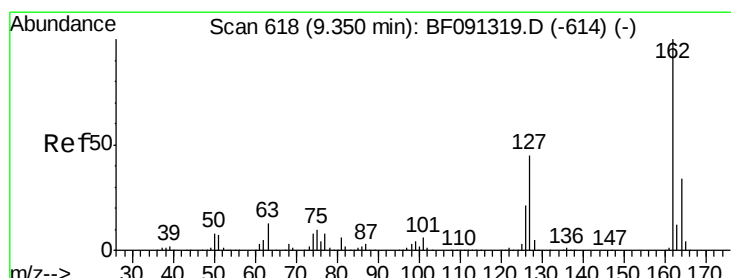
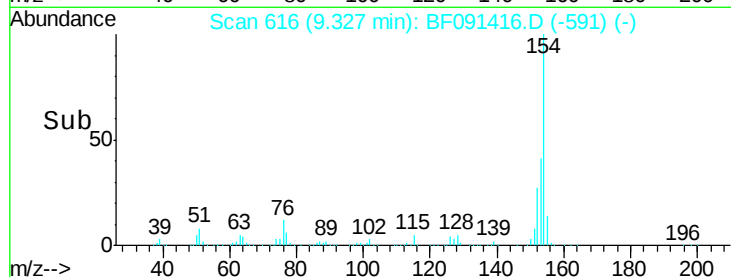
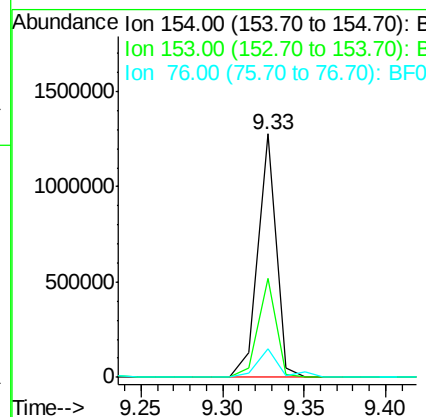
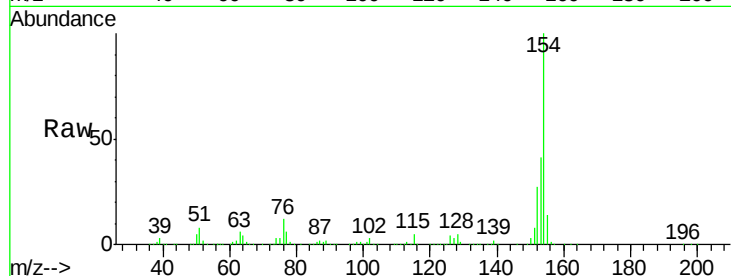
SSTDCCC040EC

Tgt Ion:	154	Resp:	997993
Ion Ratio		Lower	Upper
154	100		
153	40.6	20.6	60.6
76	11.5	0.0	36.6

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#46

2-Chloronaphthalene

Concen: 41.13 ng

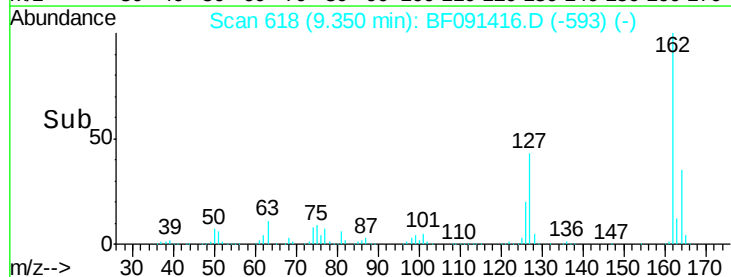
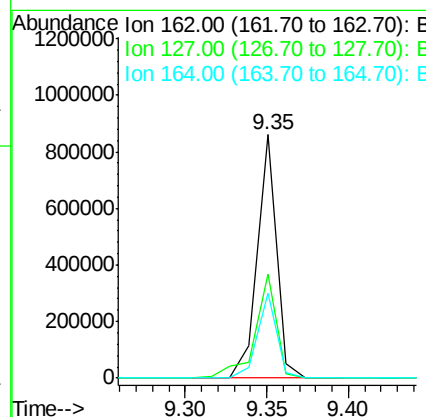
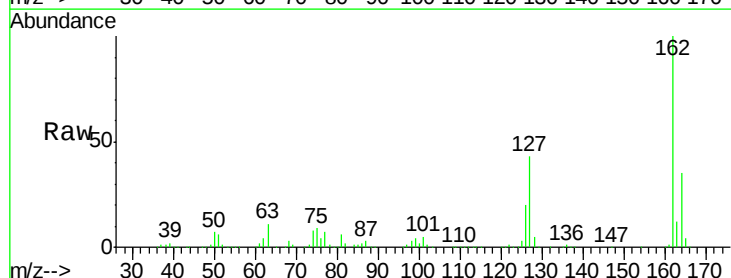
RT: 9.35 min Scan# 618

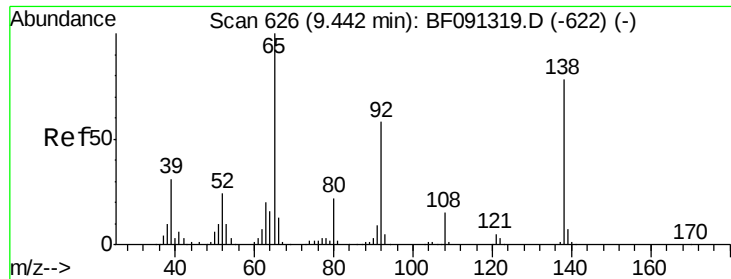
Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Tgt Ion:	162	Resp:	707426
Ion Ratio		Lower	Upper
162	100		
127	42.7	34.3	51.5
164	34.9	26.6	40.0





#47
2-Nitroaniline
Concen: 43.53 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

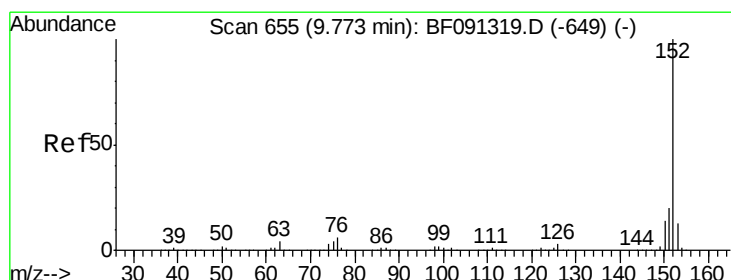
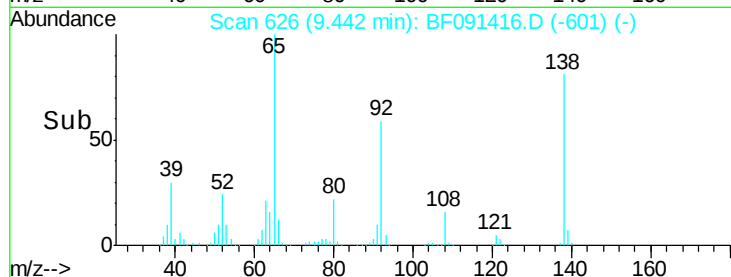
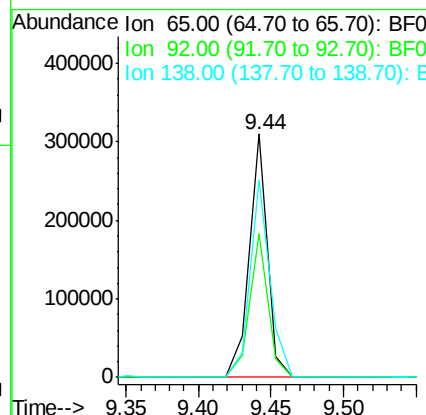
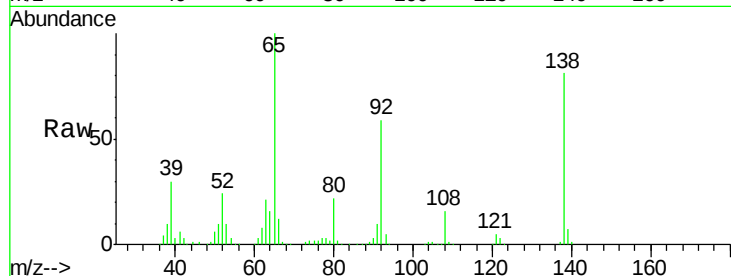
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.8	53.6	80.4
138	81.0	91.0	136.6

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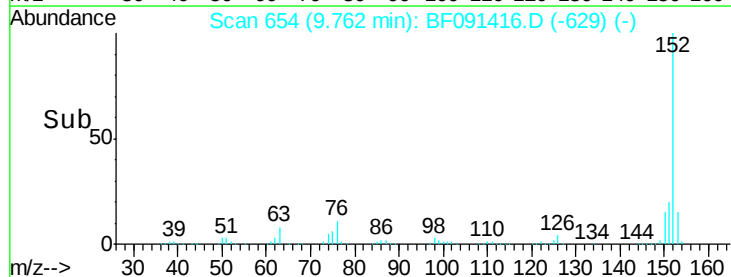
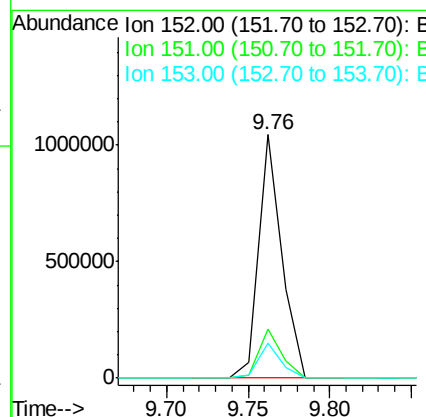
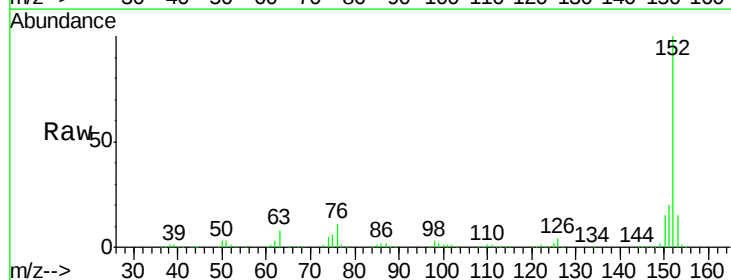
sohil

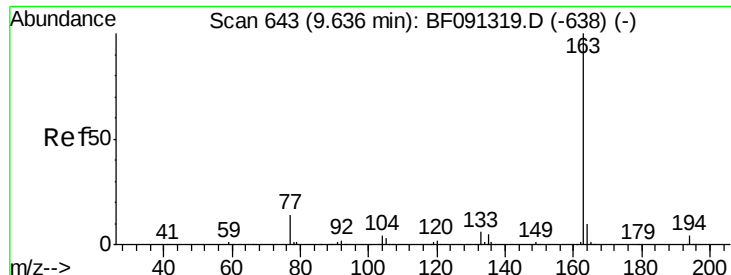
12/5/2016 11:21:14 AM



#48
Acenaphthylene
Concen: 37.92 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	14.5	10.7	16.1





#49
Dimethylphthalate
Concen: 41.27 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

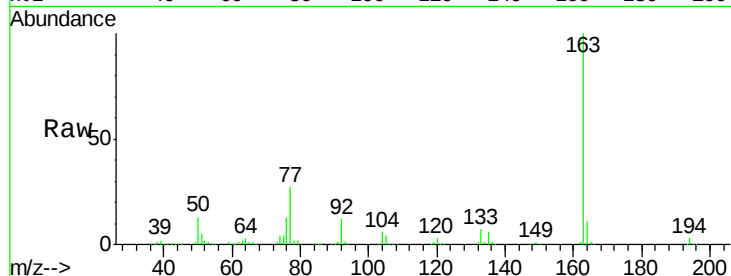
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	802681		
194	3.5		3.0	4.4
164	11.2		7.8	11.8

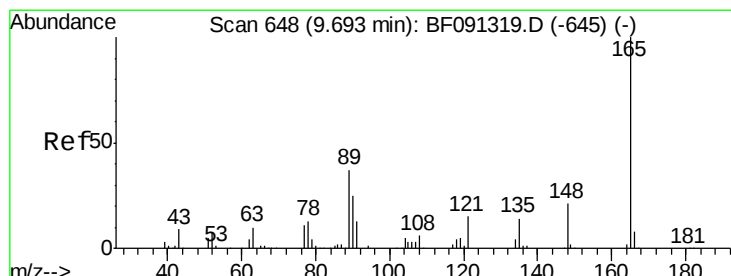
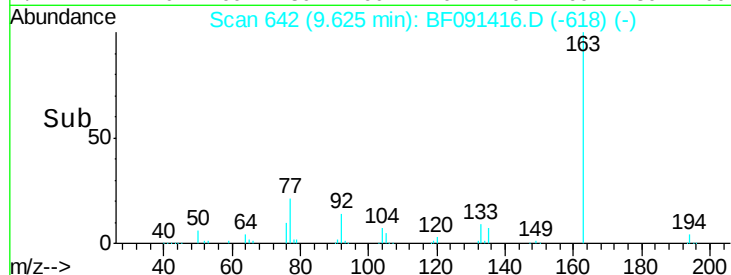
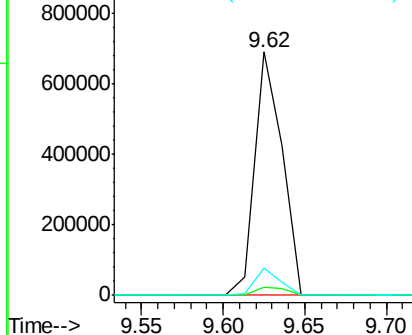
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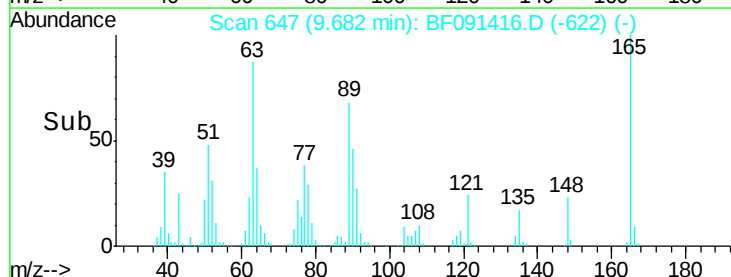
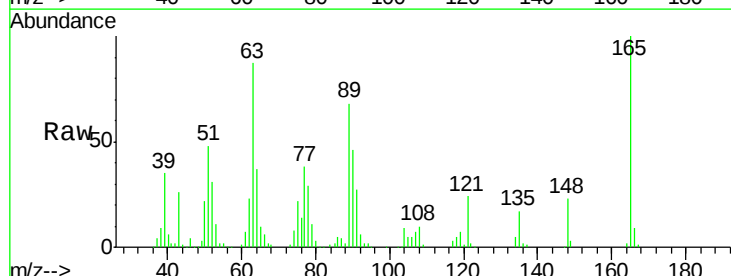
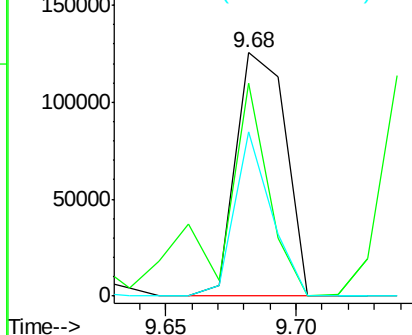
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

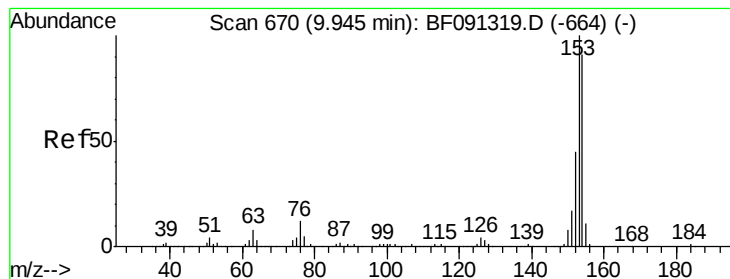


#50
2,6-Dinitrotoluene
Concen: 38.52 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167459		
63	87.4		59.4	89.0
89	67.7		50.8	76.2

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





#51

Acenaphthene

Concen: 35.88 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

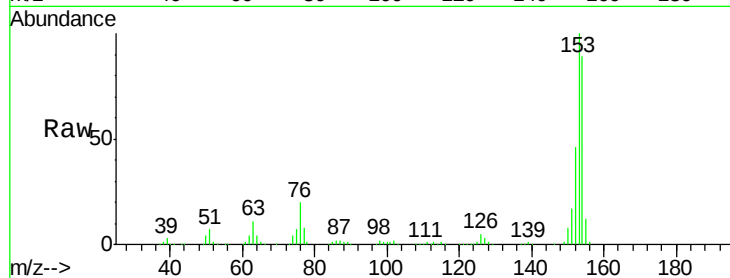
SSTDCCC040EC

Tgt Ion:	154	Resp:	655312
Ion Ratio	Lower	Upper	
154	100		
153	112.4	91.0	136.6
152	51.6	44.2	66.2

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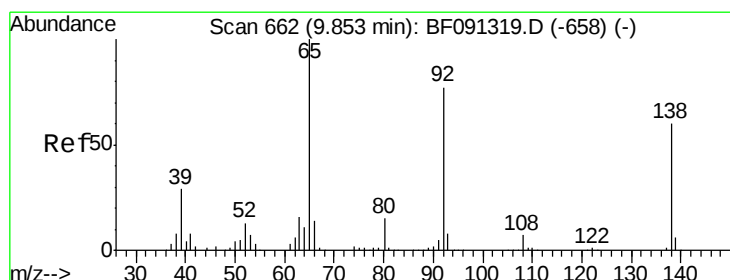
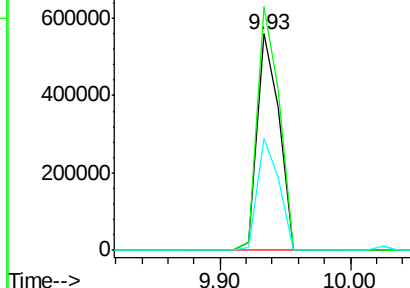
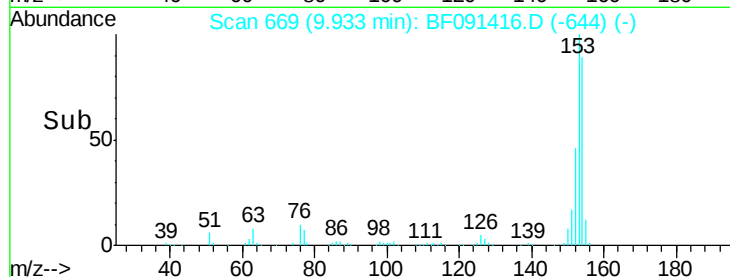
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.88 ng

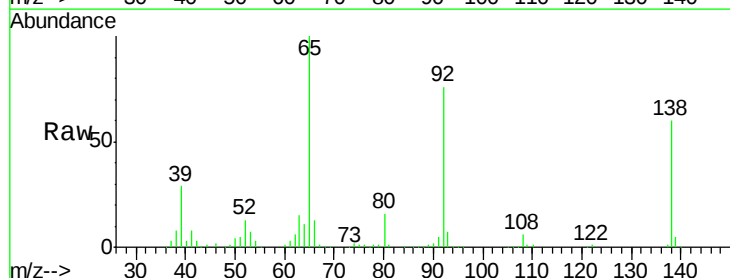
RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

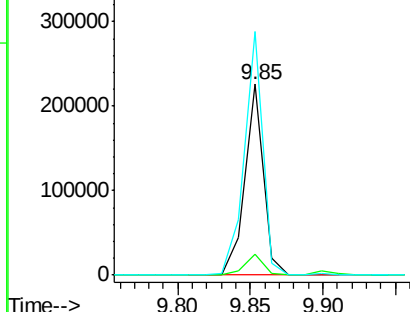
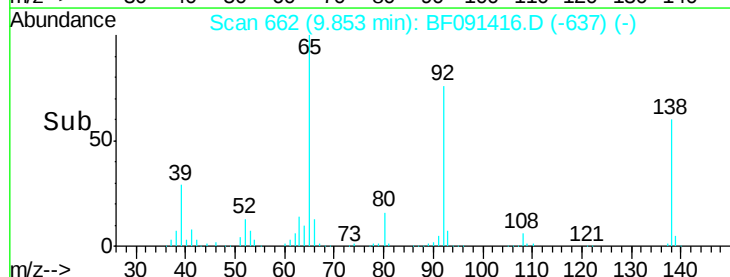
Tgt Ion:	138	Resp:	200646
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.1	12.1
92	127.6	92.5	138.7

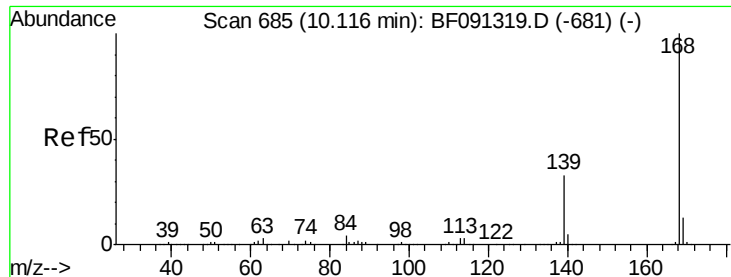


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54
Dibenzenofuran
Concen: 37.27 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

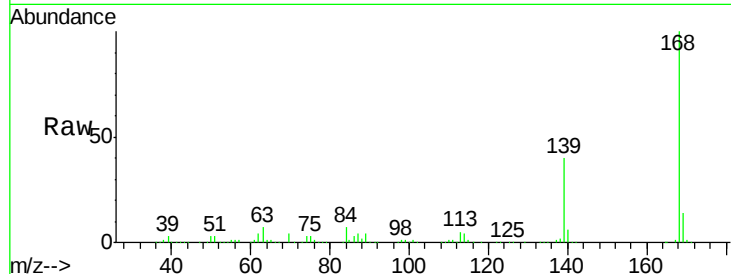
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.9	33.4	50.2
169	13.9	11.1	16.7

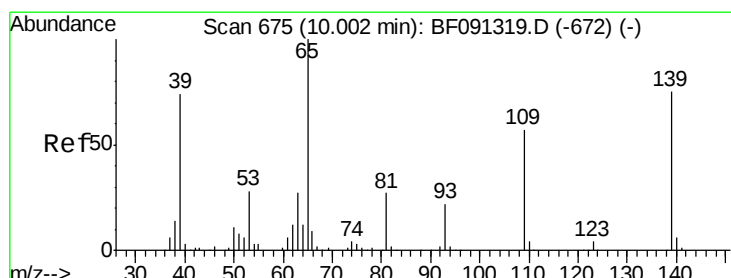
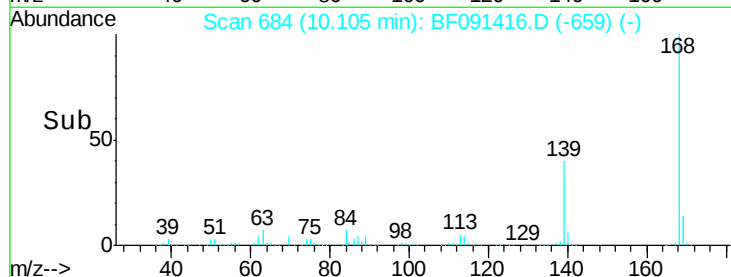
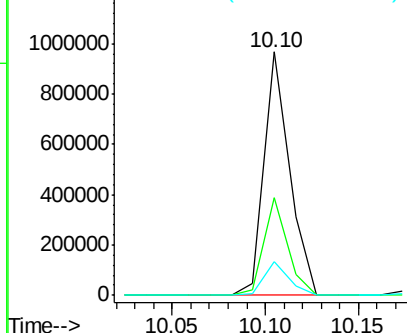
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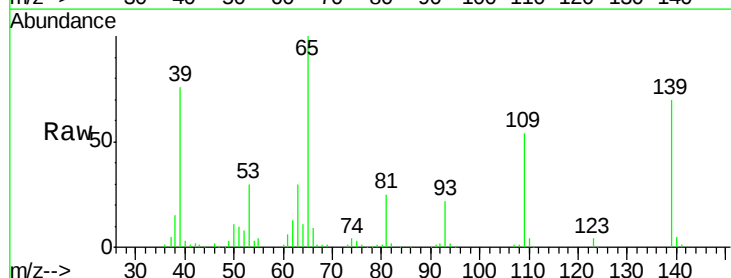


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

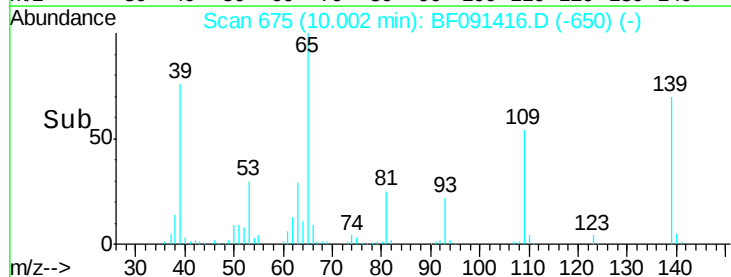
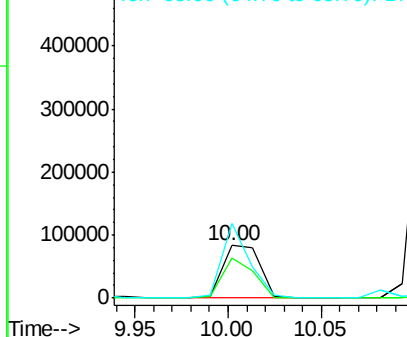


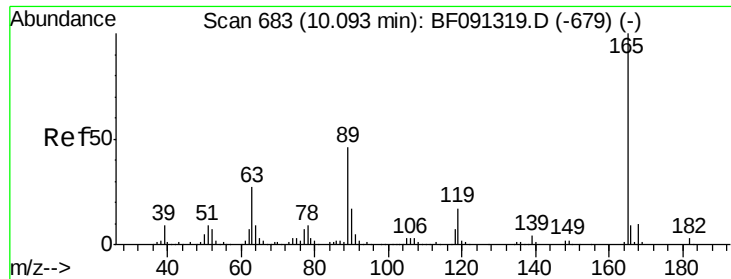
#55
4-Nitrophenol
Concen: 31.75 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.4	54.9	94.9
65	141.9	102.2	142.2



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





#56
2,4-Dinitrotoluene
Concen: 35.14 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

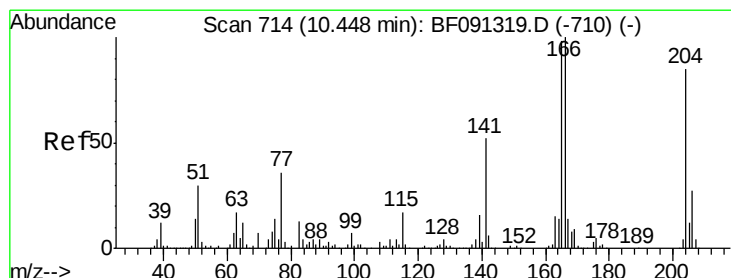
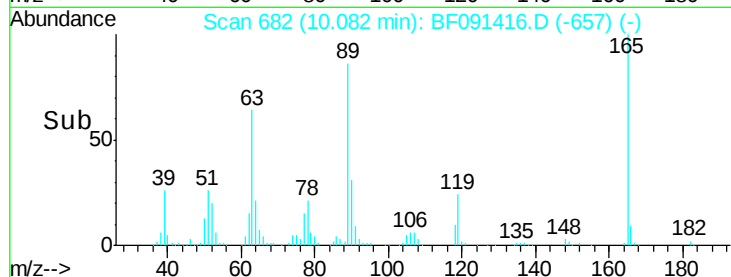
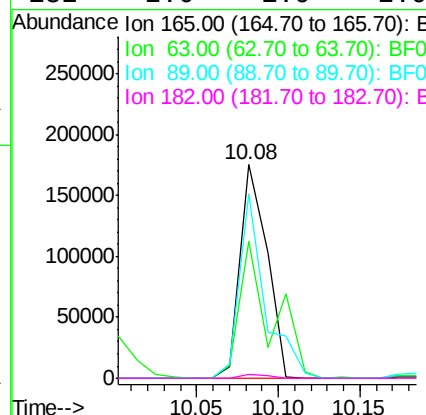
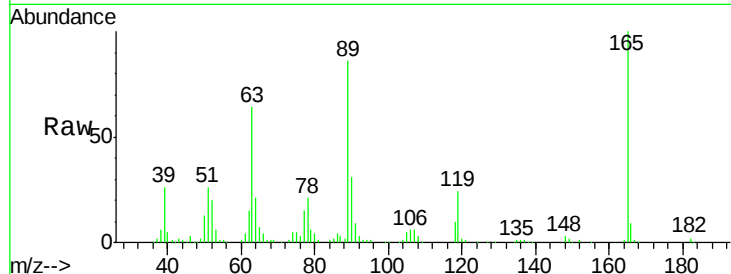
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	198166		
63	64.3	29.0	43.4#	
89	86.3	43.1	64.7#	
182	2.0	1.9	2.9	

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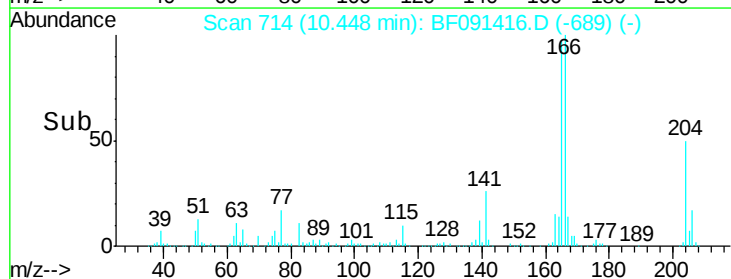
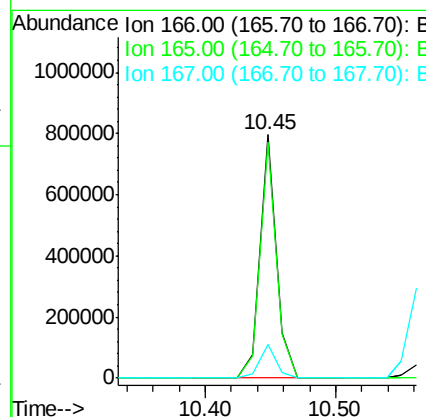
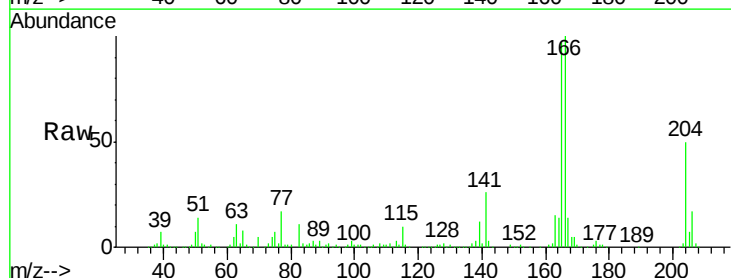
sohil

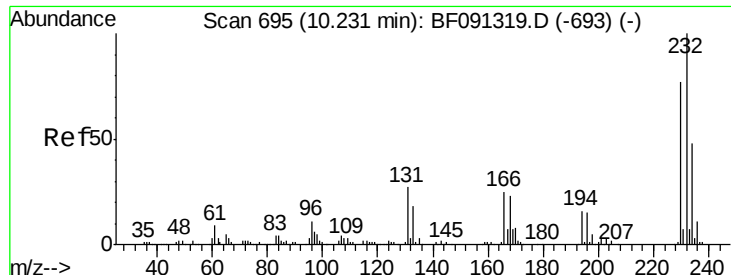
12/5/2016 11:21:14 AM



#57
Fluorene
Concen: 37.33 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	700848		
165	97.0	80.0	120.0	
167	13.8	10.8	16.2	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.77 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

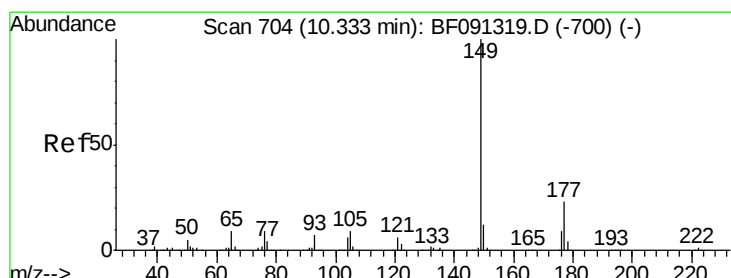
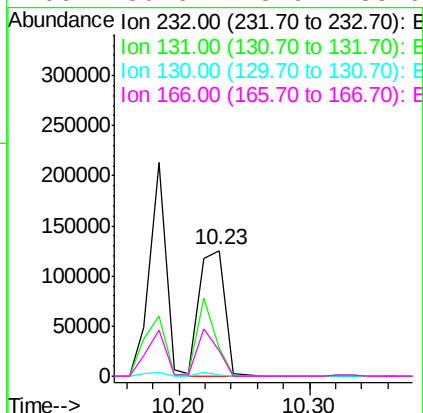
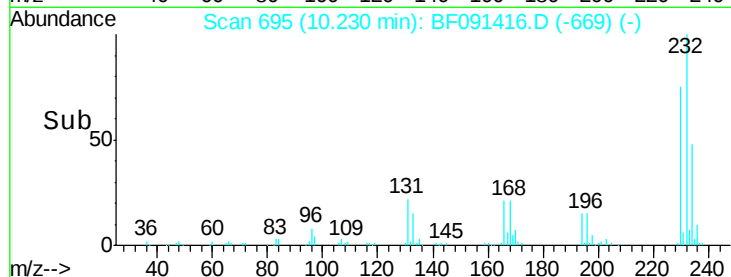
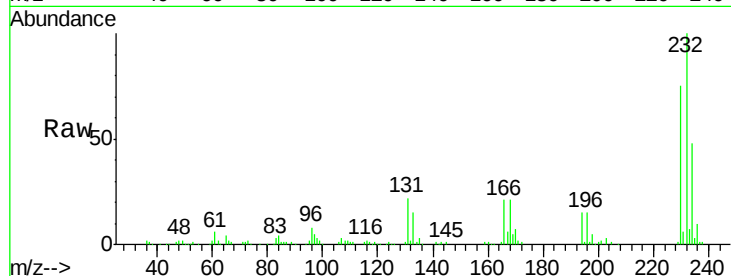
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.1	38.4	57.6
130	2.3	1.8	2.8
166	30.6	23.9	35.9

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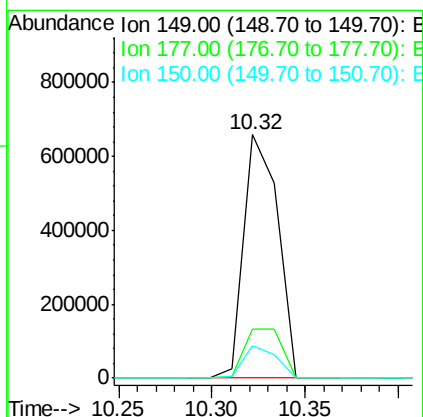
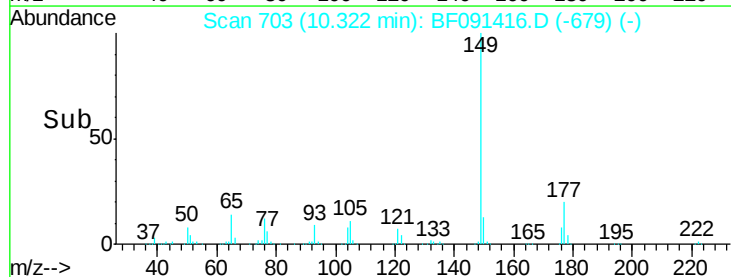
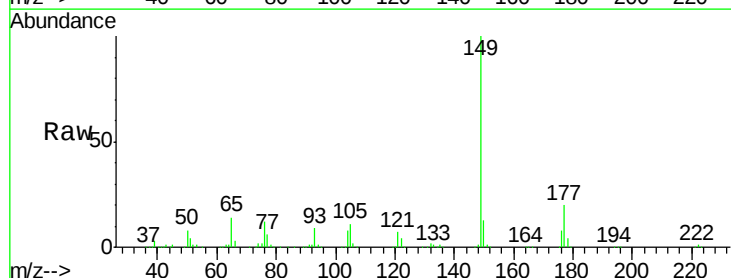
sohil

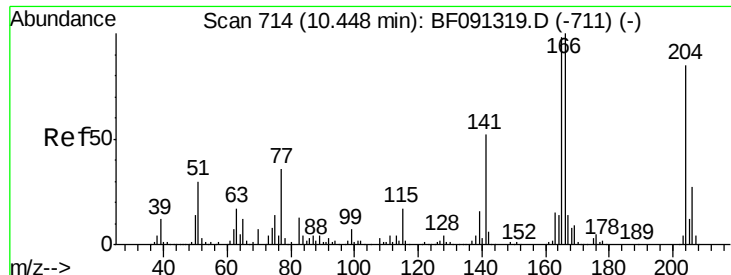
12/5/2016 11:21:14 AM



#59
 Diethylphthalate
 Concen: 43.46 ng
 RT: 10.32 min Scan# 703
 Delta R.T. -0.03 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	15.7	23.5
150	13.1	10.2	15.2





#60
 4-Chlorophenyl-phenylether
 Concen: 39.56 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

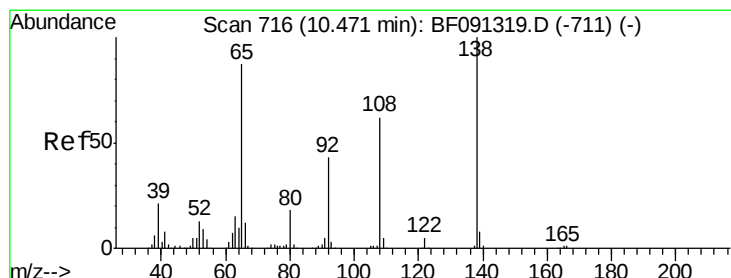
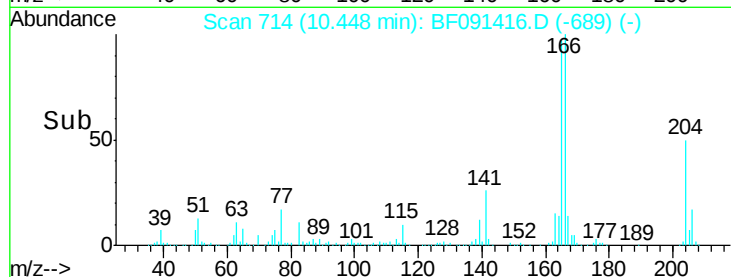
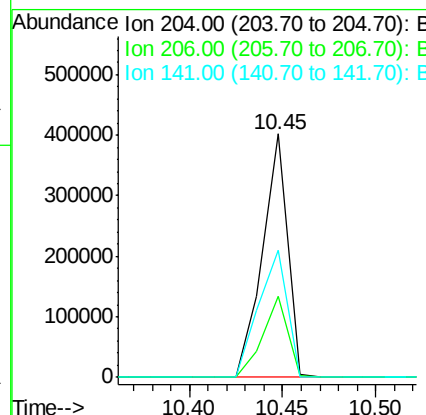
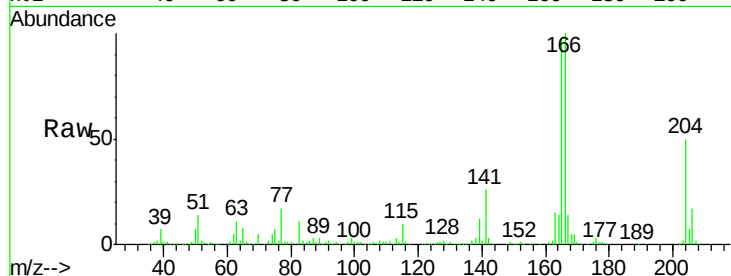
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.1	39.1
141	52.3	40.6	61.0

Manual Integrations
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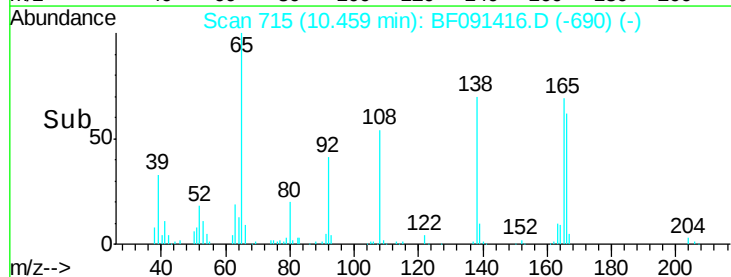
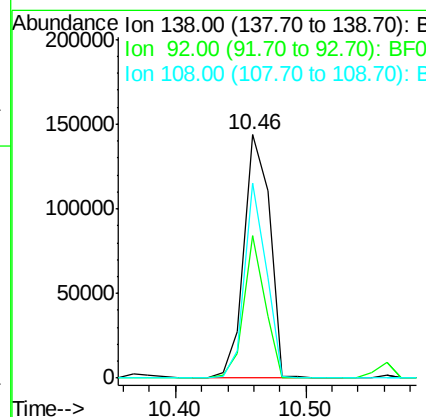
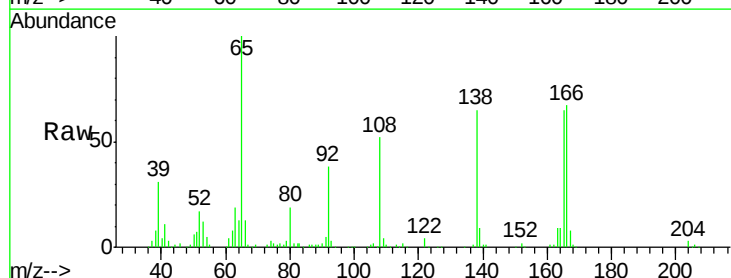
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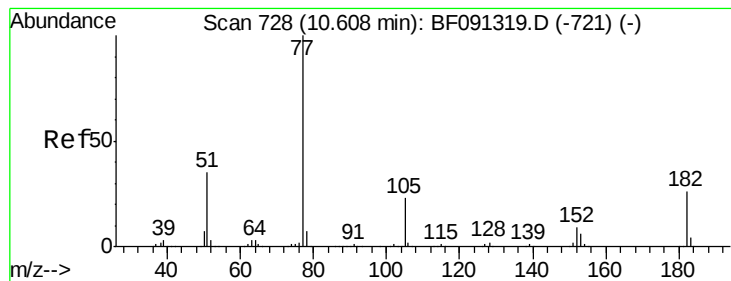
12/5/2016 11:21:14 AM



#61
 4-Nitroaniline
 Concen: 41.55 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.7	26.9	66.9
108	80.1	49.1	89.1





#62

Azobenzene

Concen: 41.65 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 815966

Ion Ratio Lower Upper

77 100

182 37.0 12.5 52.5

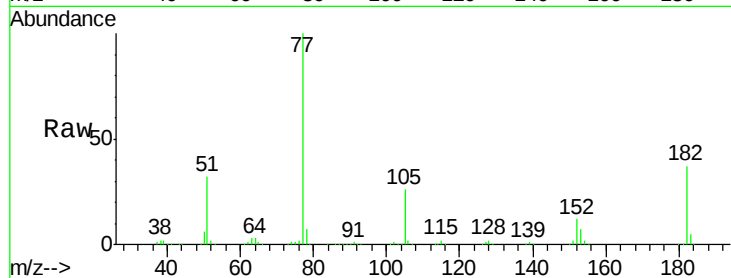
105 25.5 3.7 43.7

51 31.9 11.9 51.9

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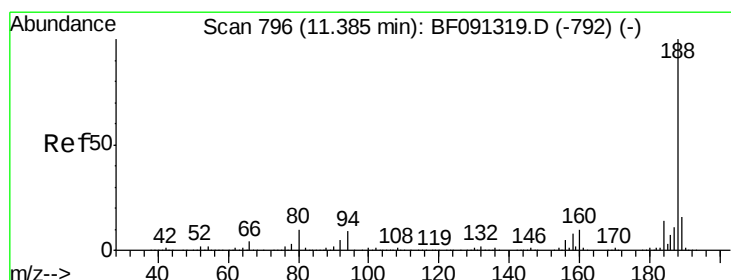
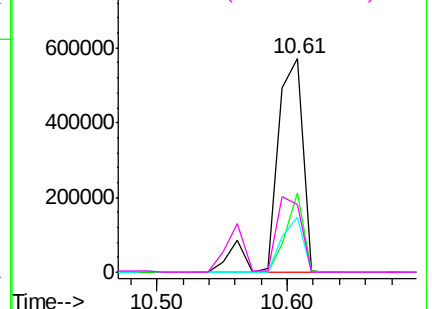
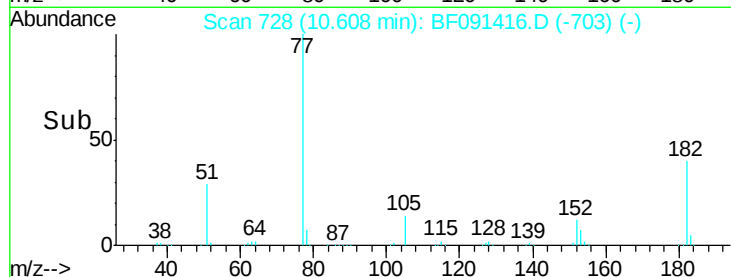


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

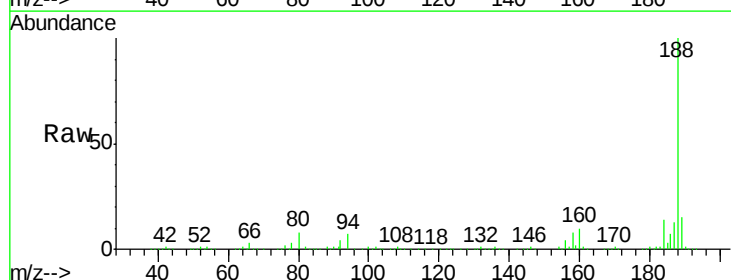
Tgt Ion: 188 Resp: 507064

Ion Ratio Lower Upper

188 100

94 7.3 9.2 13.8#

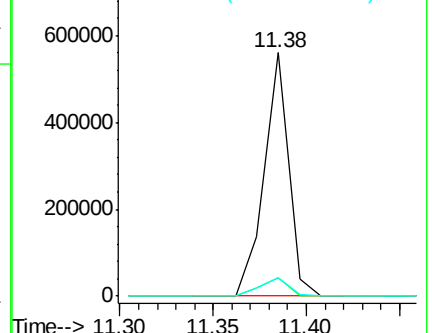
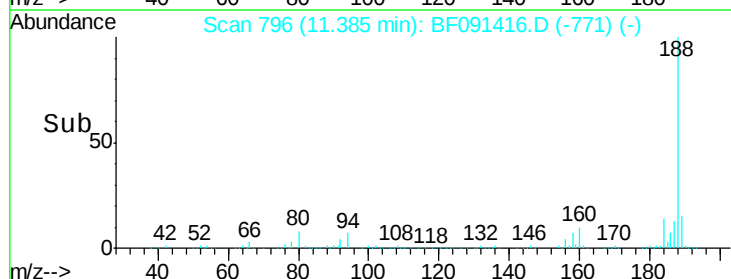
80 7.7 10.5 15.7#

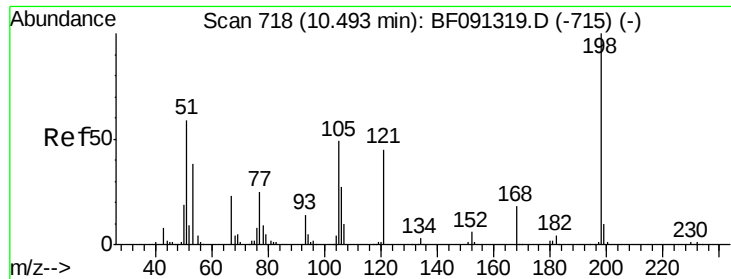


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.85 ng
 RT: 10.49 min Scan# 718
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

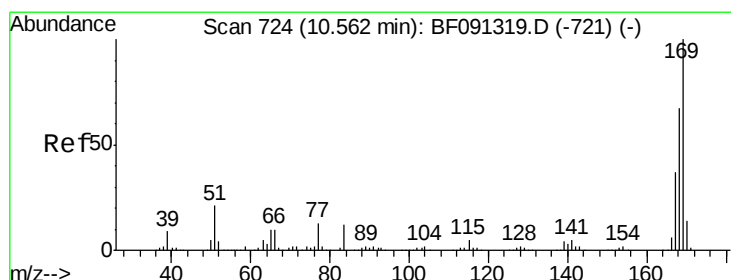
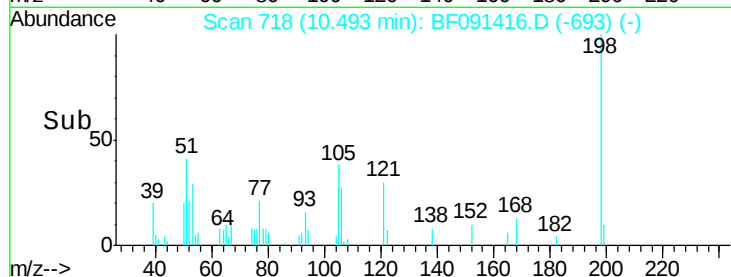
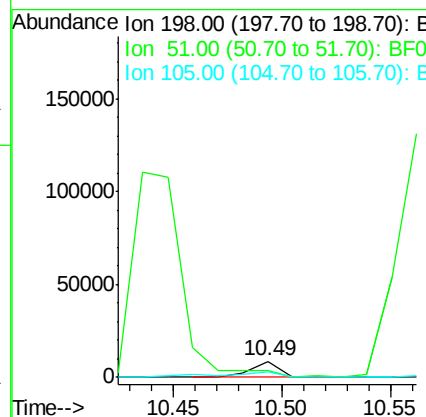
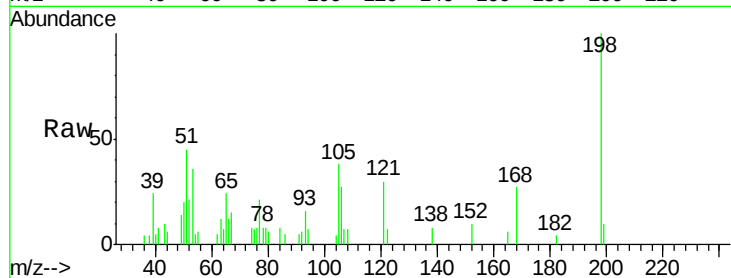
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.0	77.1	117.1#
105	38.0	44.8	84.8#

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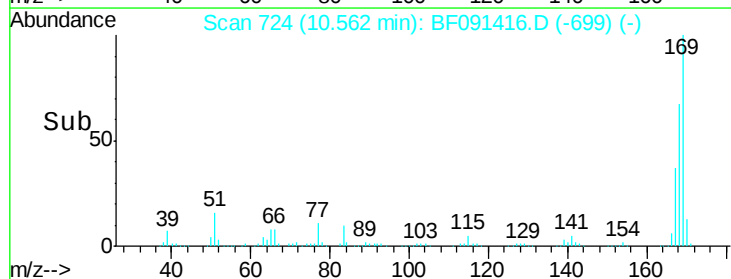
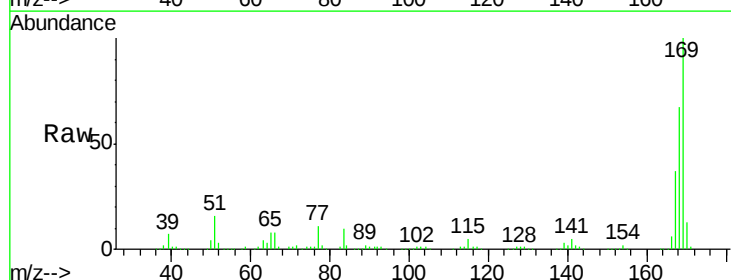
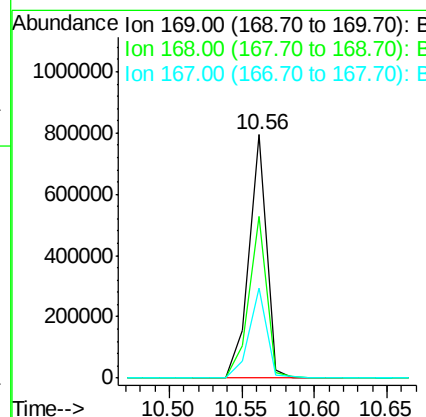
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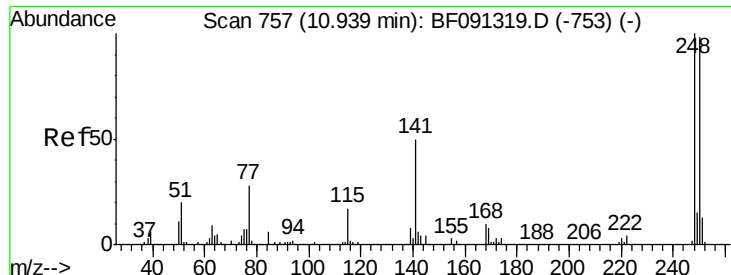
12/5/2016 11:21:14 AM



#65
 n-Nitrosodiphenylamine
 Concen: 43.91 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.8	80.8
167	36.9	29.8	44.8





#66
 4-Bromophenyl-phenylether
 Concen: 41.53 ng
 RT: 10.93 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

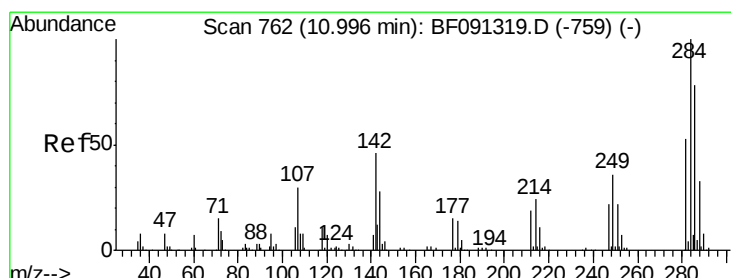
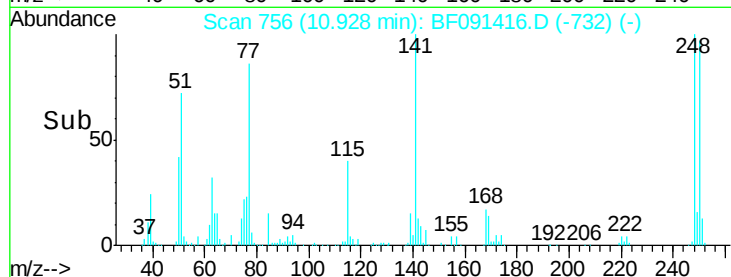
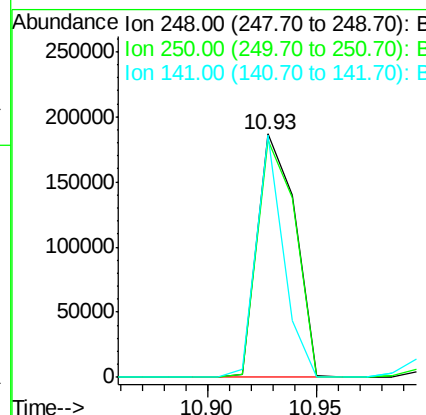
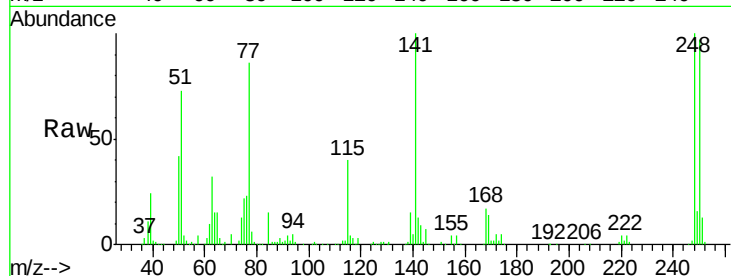
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.4
141	99.6	71.9	107.9

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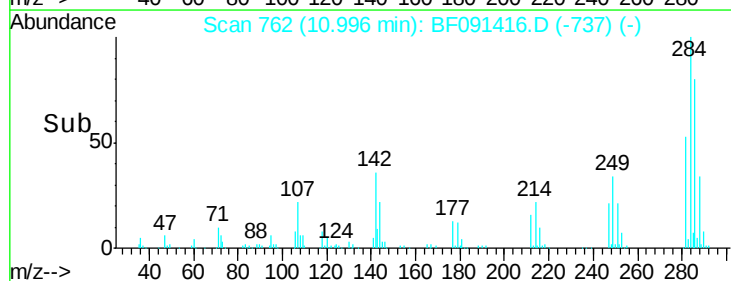
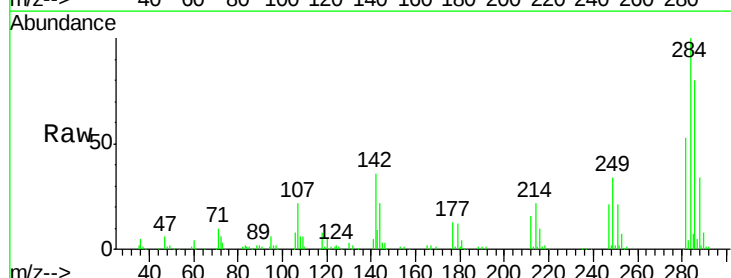
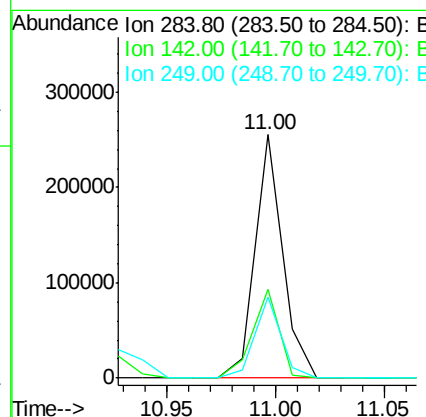
sohil

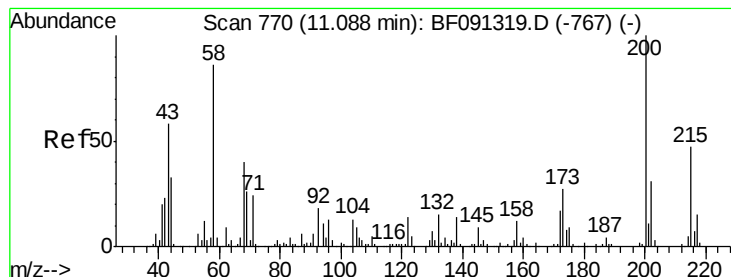
12/5/2016 11:21:14 AM



#67
 Hexachlorobenzene
 Concen: 38.22 ng
 RT: 11.00 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.3	17.9	26.9#
249	33.5	23.6	35.4





#68

Atrazine

Concen: 35.85 ng

RT: 11.09 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

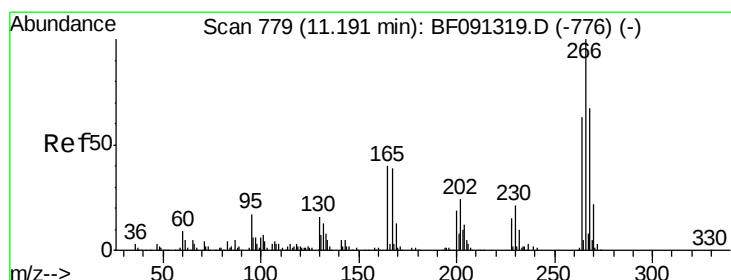
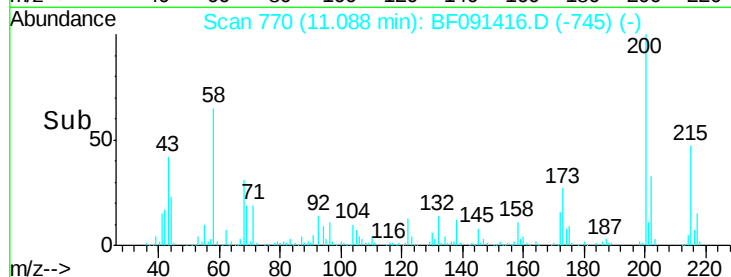
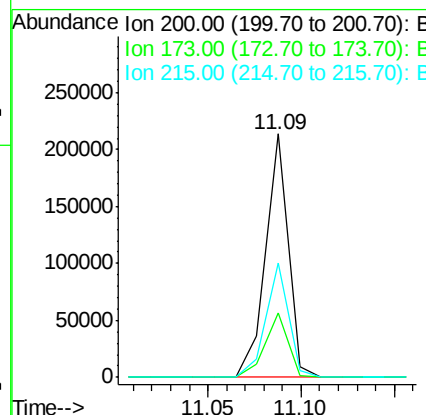
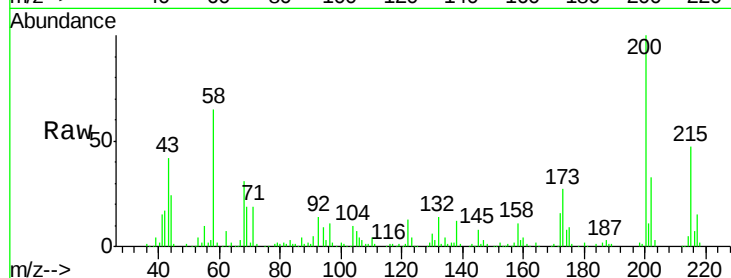
SSTDCCC040EC

Tgt Ion:	200	Resp:	178498
Ion Ratio	Lower	Upper	
200	100		
173	26.6	7.8	47.8
215	47.1	24.3	64.3

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#69

Pentachlorophenol

Concen: 33.83 ng

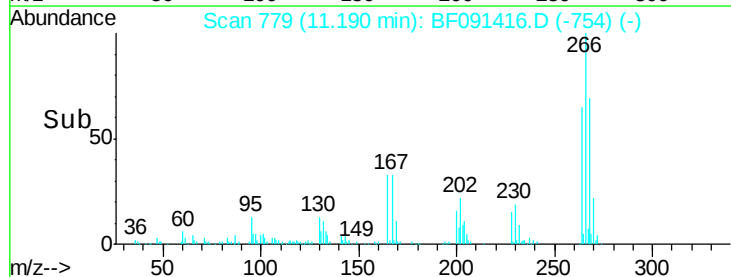
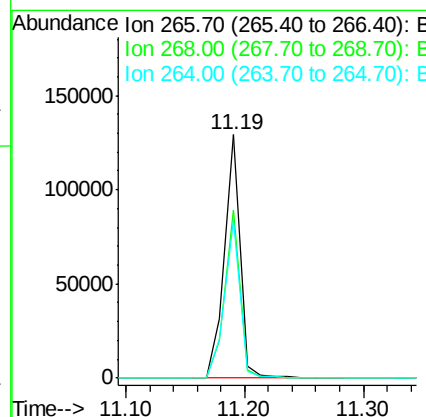
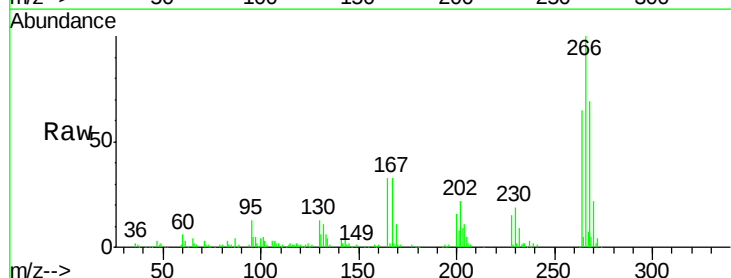
RT: 11.19 min Scan# 779

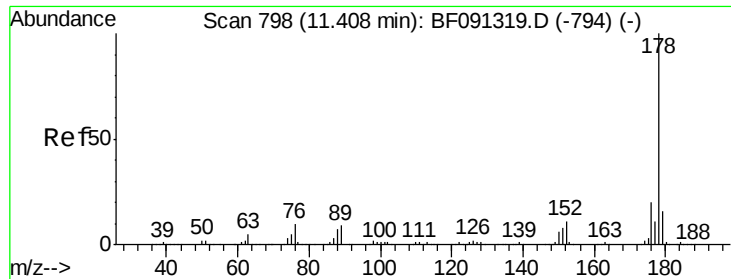
Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Tgt Ion:	266	Resp:	117279
Ion Ratio	Lower	Upper	
266	100		
268	69.1	50.3	75.5
264	64.8	48.2	72.2





#70
Phenanthrene
Concen: 36.74 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

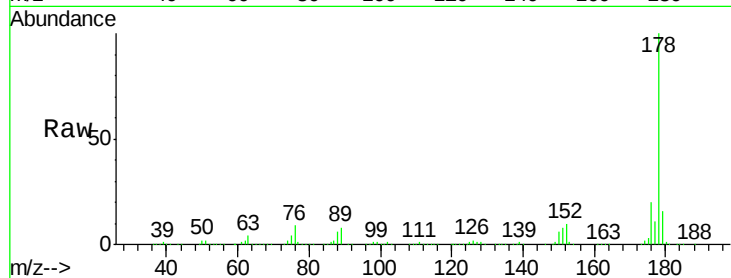
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.9	12.6	18.8

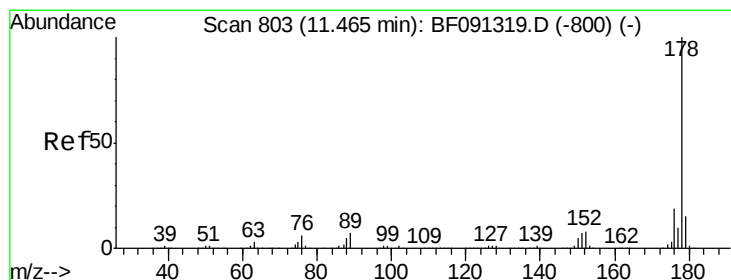
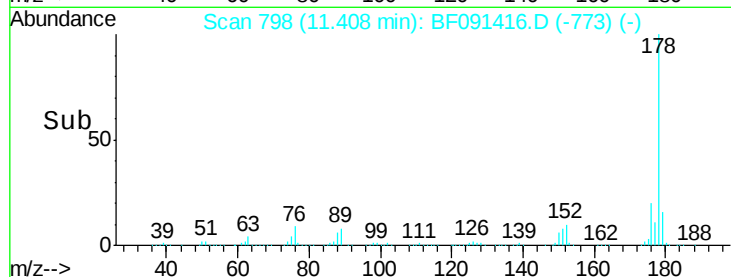
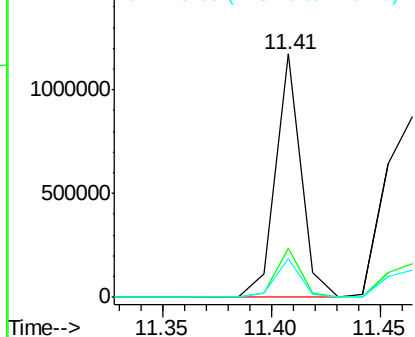
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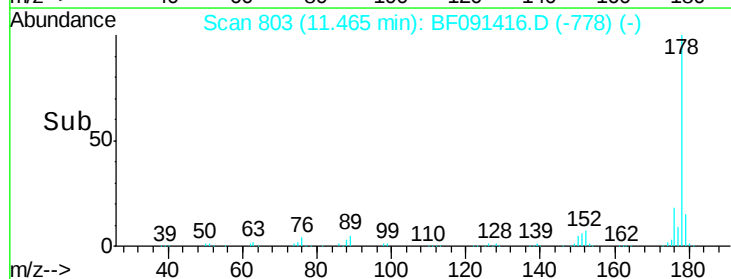
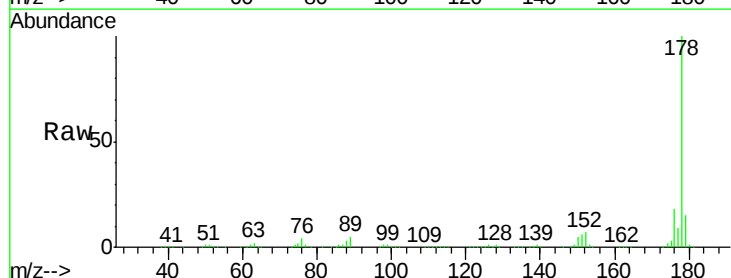
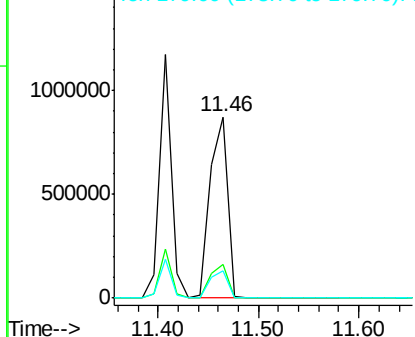
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

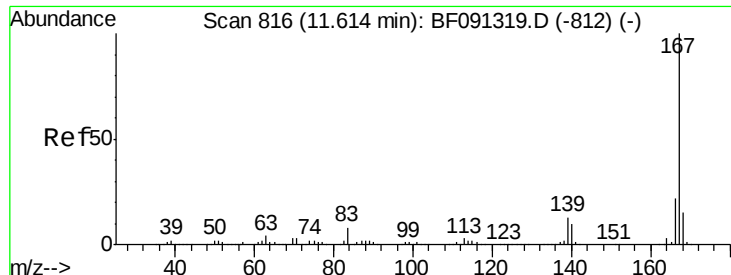


#71
Anthracene
Concen: 40.31 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	15.0	12.7	19.1

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





#72

Carbazole

Concen: 38.68 ng

RT: 11.61 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

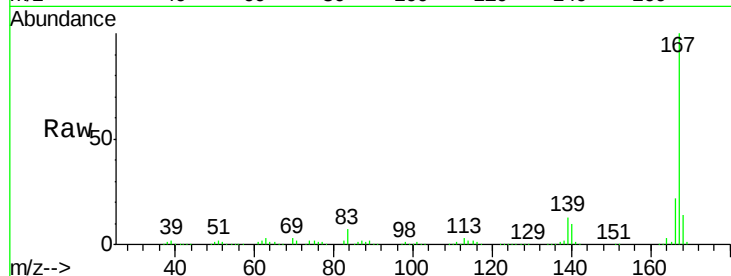
SSTDCCC040EC

Tgt Ion:	167	Resp:	917901
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.1	27.1
139	13.1	11.5	17.3

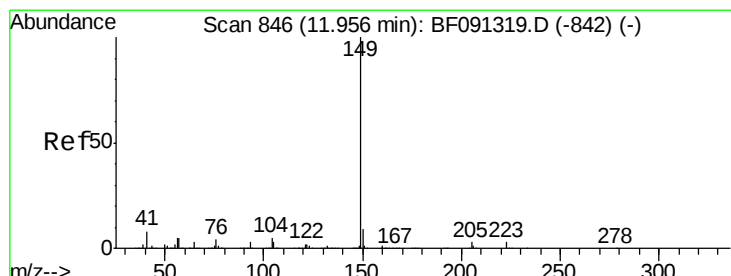
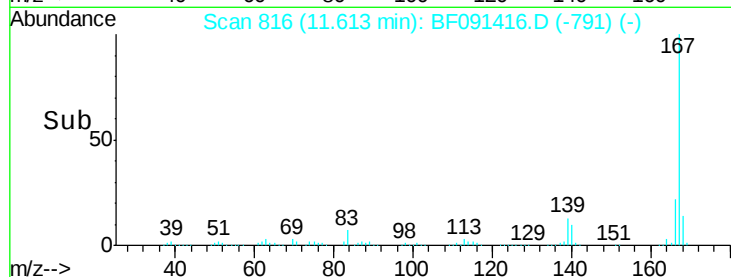
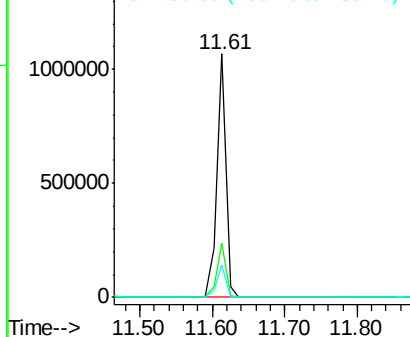
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 43.74 ng

RT: 11.96 min Scan# 846

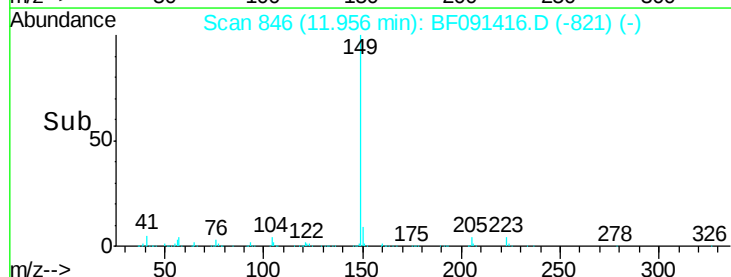
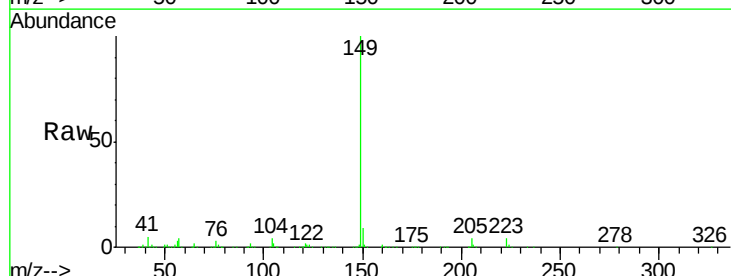
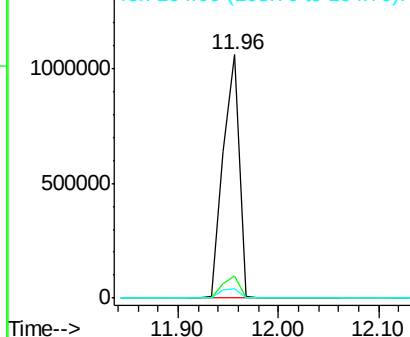
Delta R.T. -0.02 min

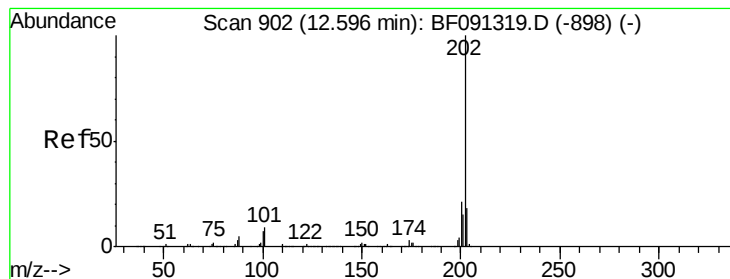
Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Tgt Ion:	149	Resp:	1176333
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	3.9	4.0	6.0#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74
Fluoranthene
 Concen: 42.04 ng
 RT: 12.60 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

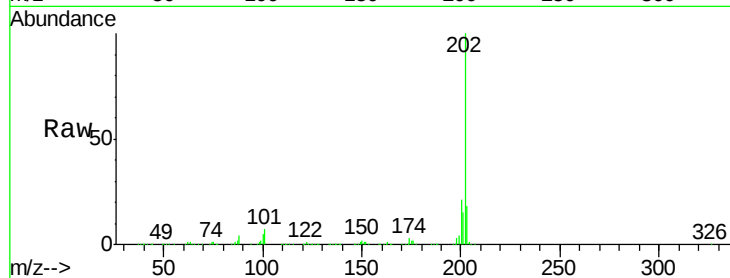
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	29.5
203	17.9	0.0	37.8

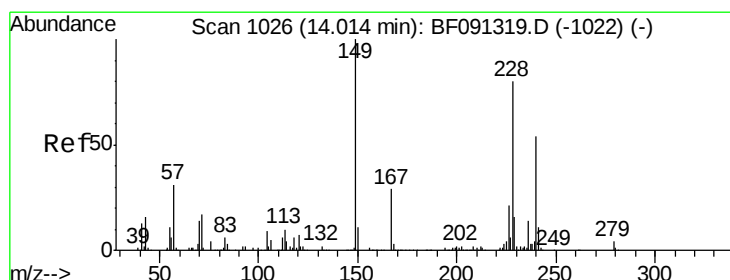
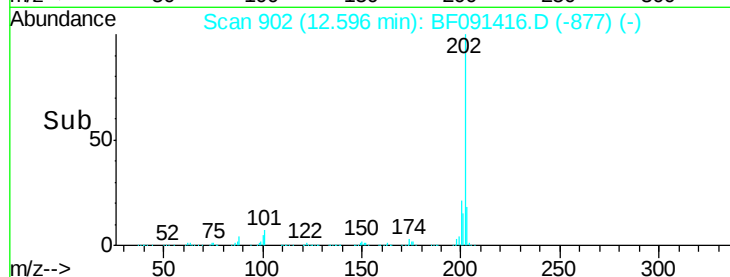
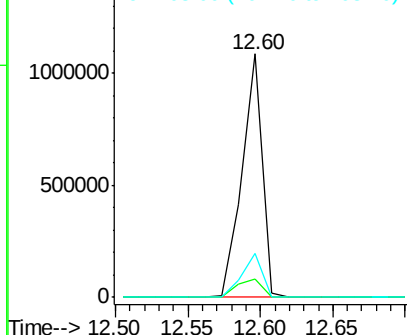
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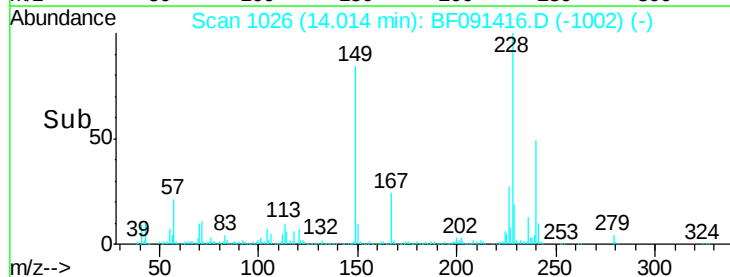
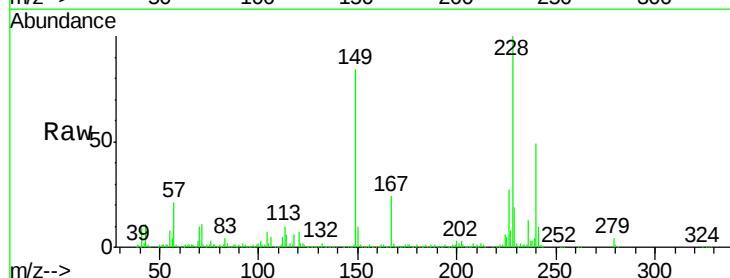
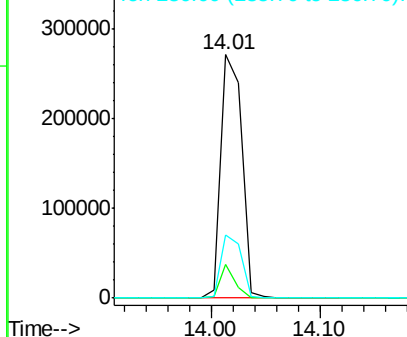
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

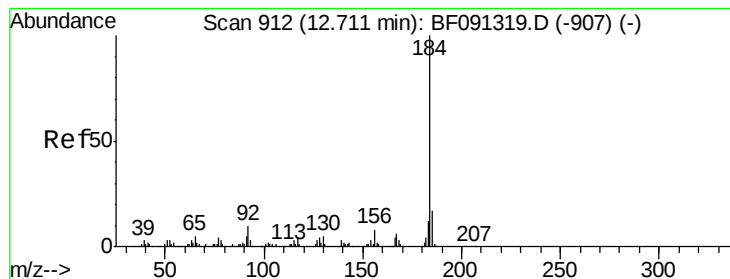


#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	12.1	18.1
236	25.7	21.0	31.6

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





#76

Benzidine

Concen: 35.38 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

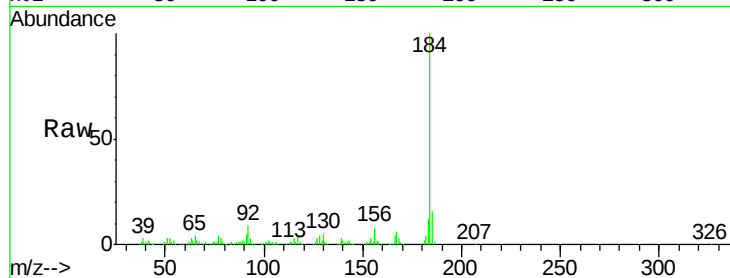
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.1	19.7
183	11.8	8.9	13.3

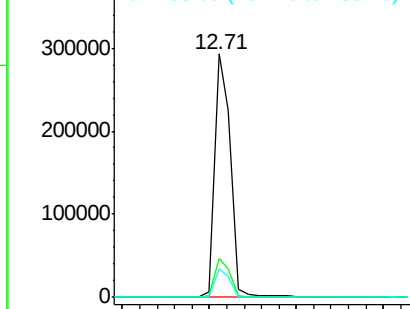
Manual Integrations
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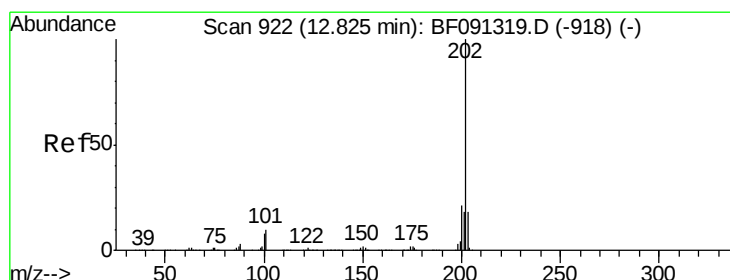
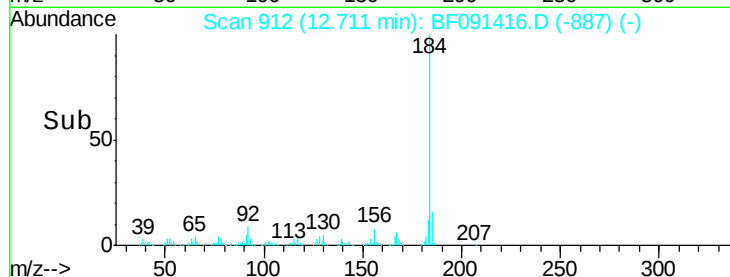
12/5/2016 11:21:14 AM



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



Time--> 12.60 12.70 12.80 12.90



#77

Pyrene

Concen: 38.60 ng

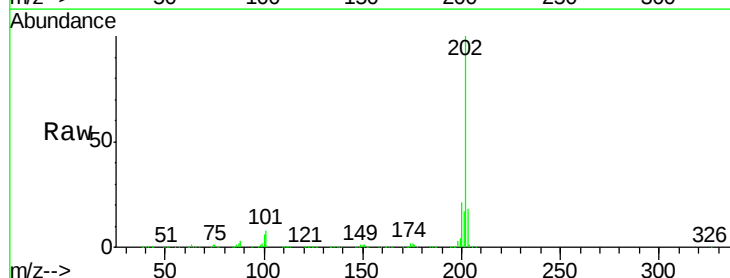
RT: 12.82 min Scan# 922

Delta R.T. -0.02 min

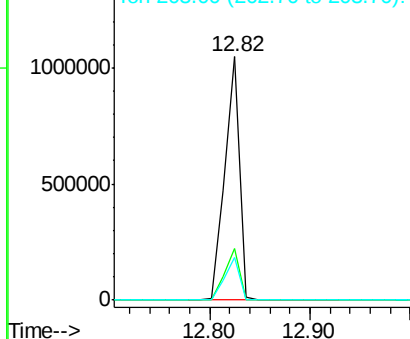
Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

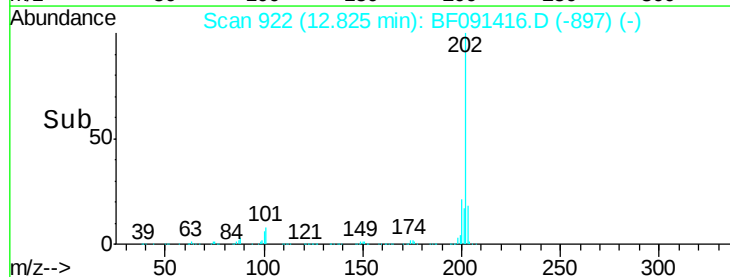
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.6	14.0	21.0

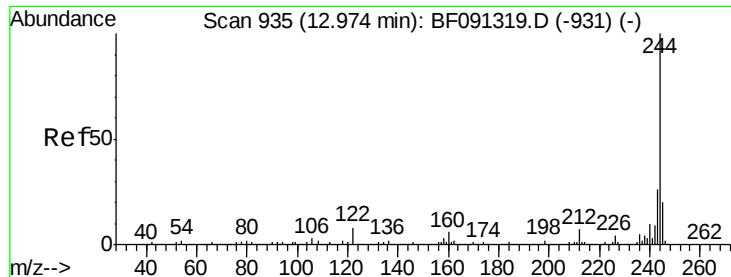


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.80 12.90





#78
 Terphenyl-d14
 Concen: 80.00 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

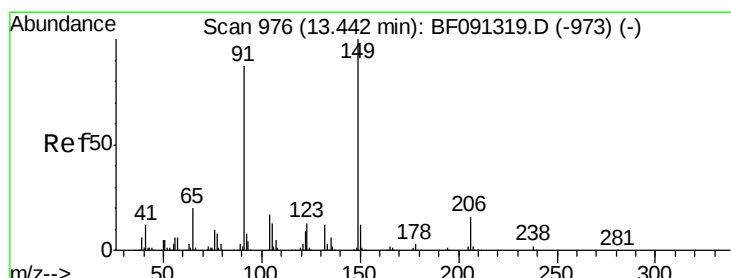
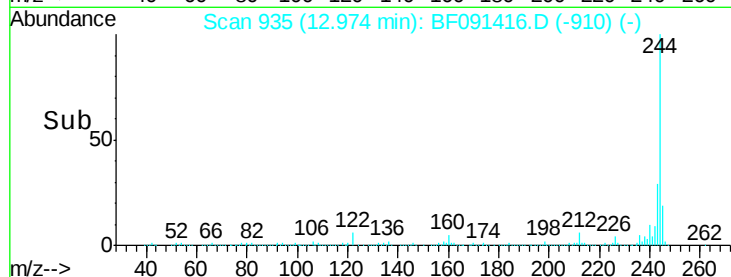
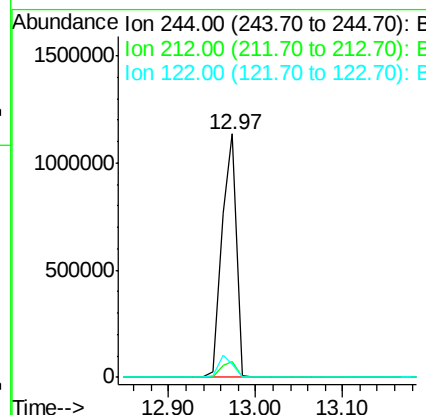
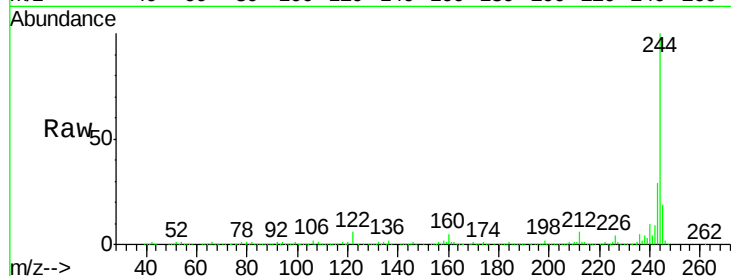
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:244 Resp: 1336409
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.5 9.7#
 122 5.5 9.5 14.3#

Manual Integrations
 APPROVED

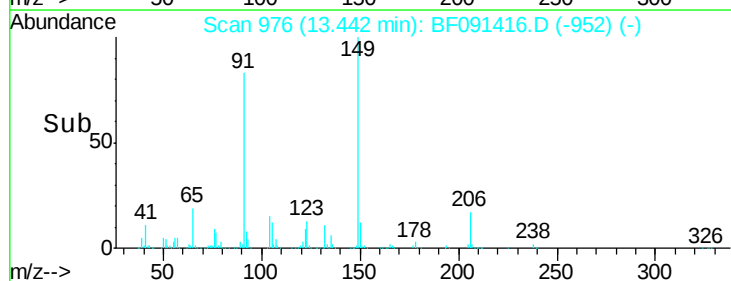
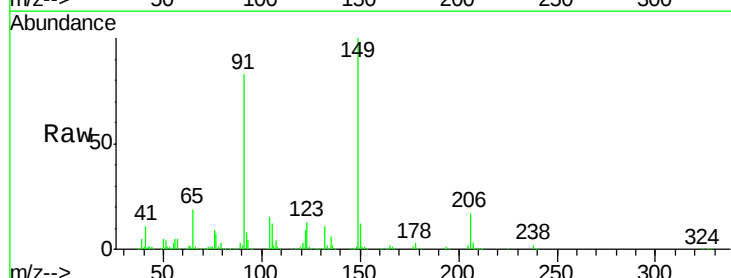
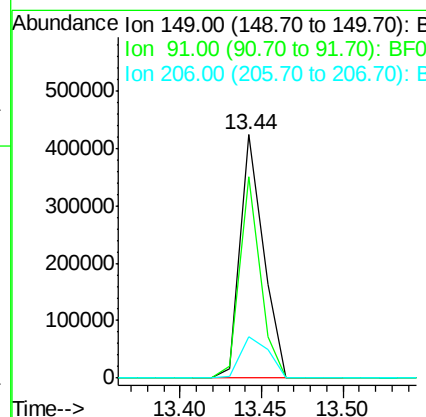
sohil

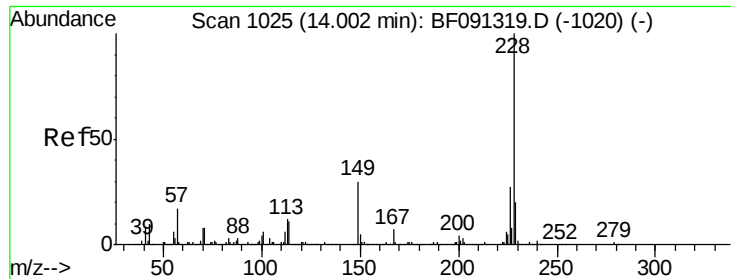
12/5/2016 11:21:14 AM



#79
 Butylbenzylphthalate
 Concen: 40.22 ng
 RT: 13.44 min Scan# 976
 Delta R.T. -0.03 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion:149 Resp: 414924
 Ion Ratio Lower Upper
 149 100
 91 82.6 57.4 86.2
 206 17.1 15.4 23.2





#80
Benzo(a)anthracene
Concen: 40.15 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

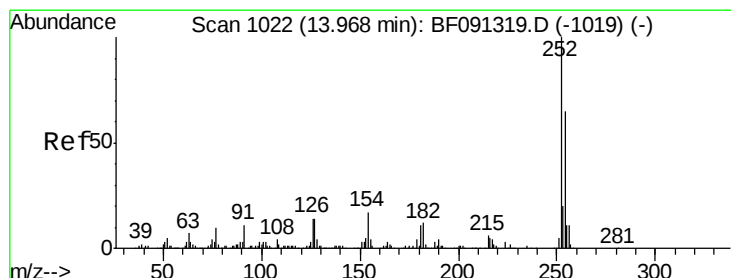
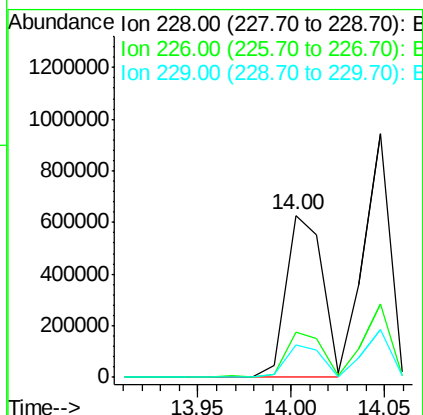
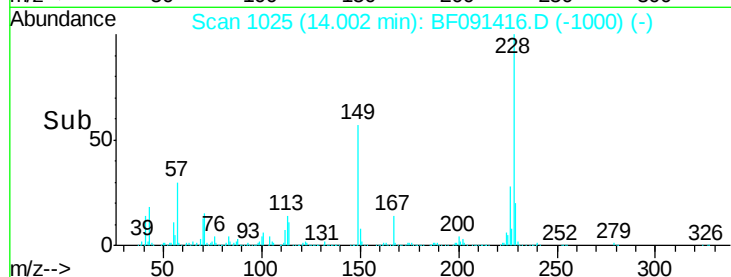
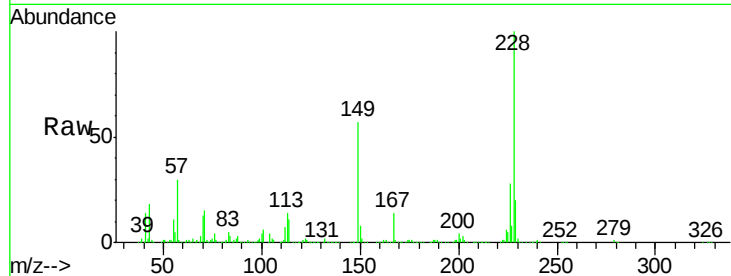
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	20.2	16.4	24.6

Manual Integrations
APPROVED

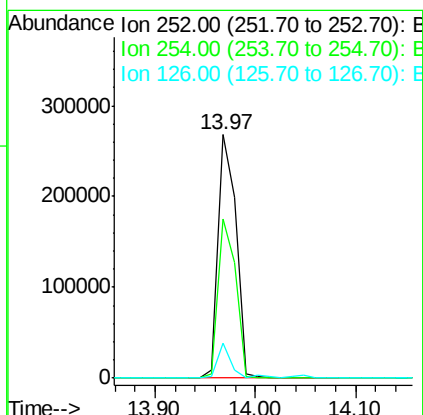
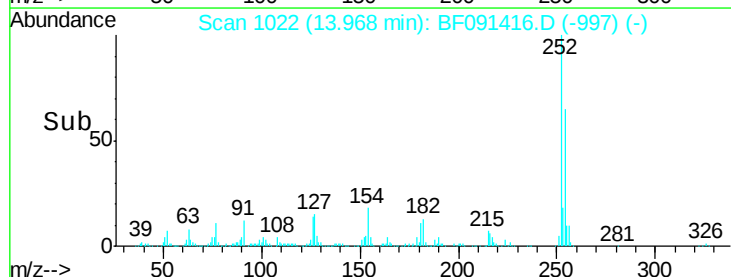
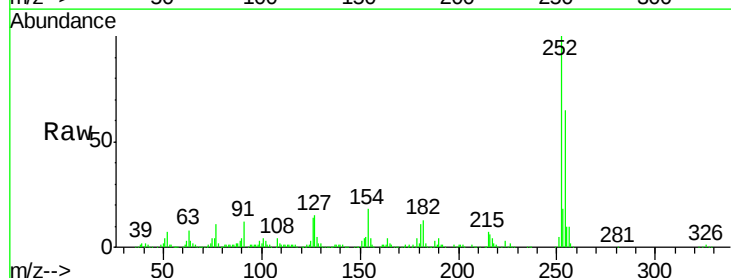
sohil

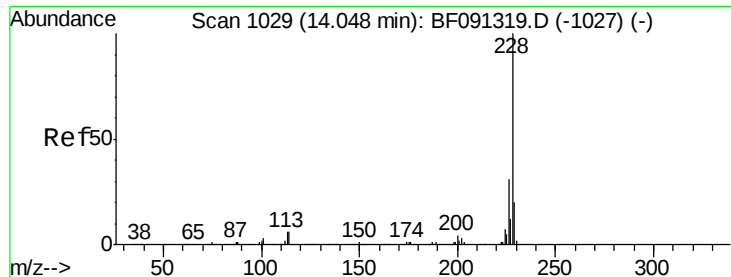
12/5/2016 11:21:14 AM



#81
3,3'-Dichlorobenzidine
Concen: 44.54 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.1	78.1
126	14.1	7.5	11.3#





#82
Chrysene
 Concen: 43.45 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

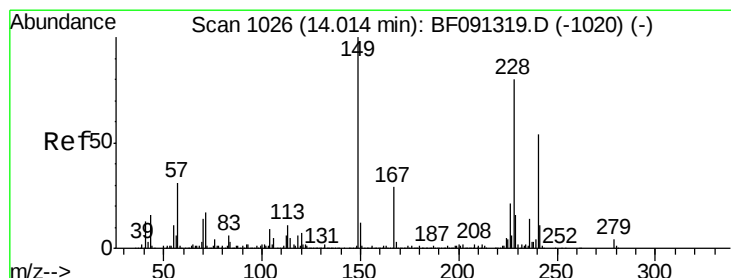
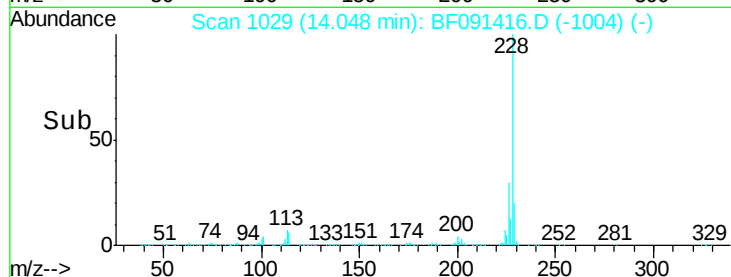
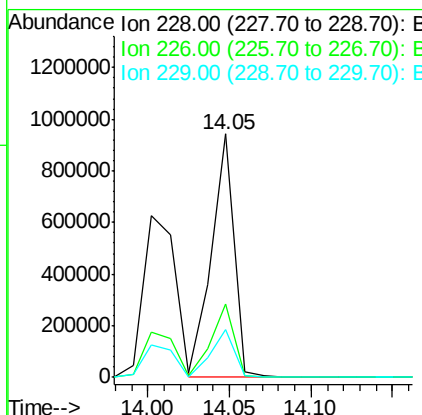
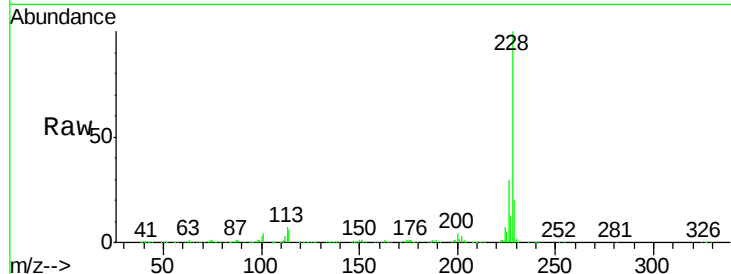
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	19.7	16.0	24.0

Manual Integrations
 APPROVED

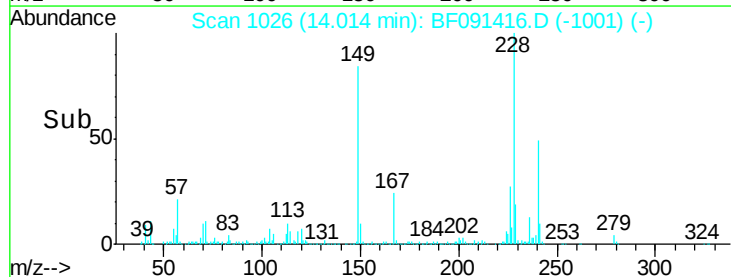
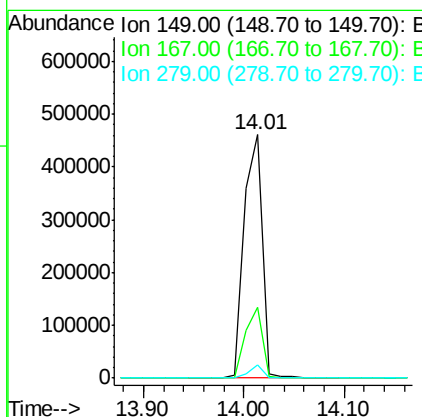
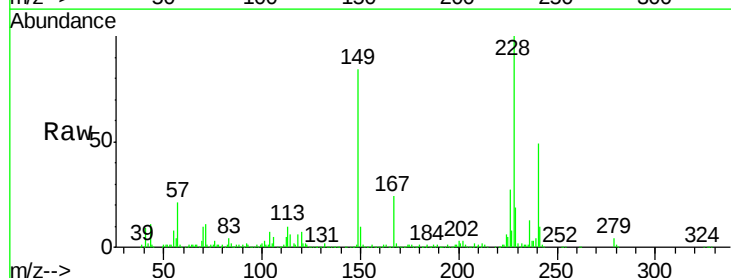
sohil

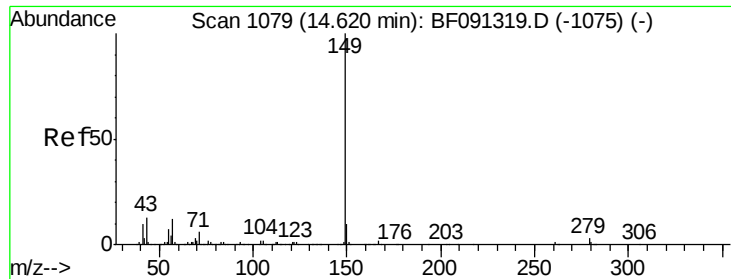
12/5/2016 11:21:14 AM



#83
Bis(2-ethylhexyl)phthalate
 Concen: 43.98 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091416.D
 Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	19.6	29.4
279	5.3	1.9	2.9#





#84

Di-n-octyl phthalate

Concen: 51.40 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 1017127

Ion Ratio Lower Upper

149 100

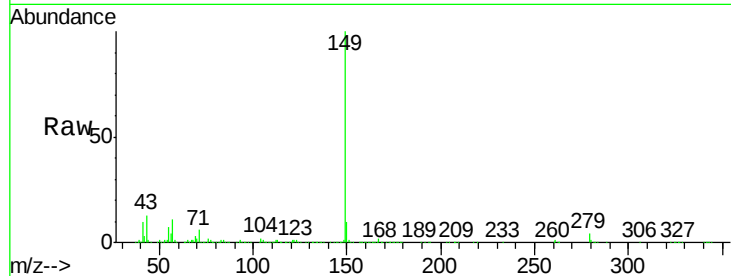
167 1.6 1.3 1.9

43 14.3 11.9 17.9

Manual Integrations
APPROVED

sohil

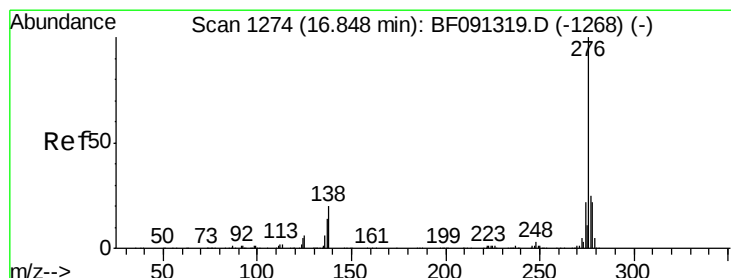
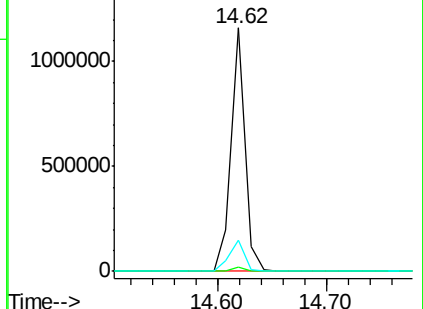
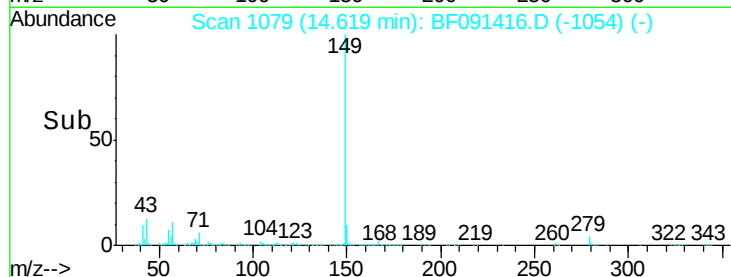
12/5/2016 11:21:14 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 32.41 ng

RT: 16.85 min Scan# 1274

Delta R.T. -0.04 min

Lab File: BF091416.D

Acq: 3 Dec 2016 3:43

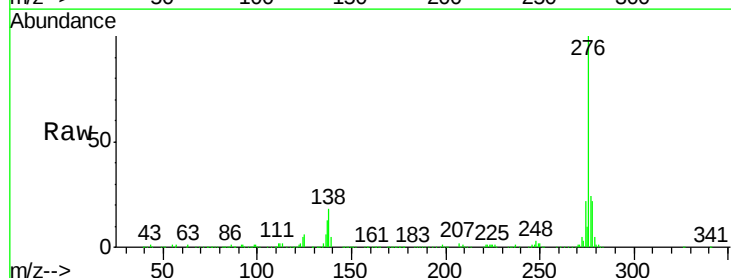
Tgt Ion:276 Resp: 623592

Ion Ratio Lower Upper

276 100

138 21.0 21.0 31.4

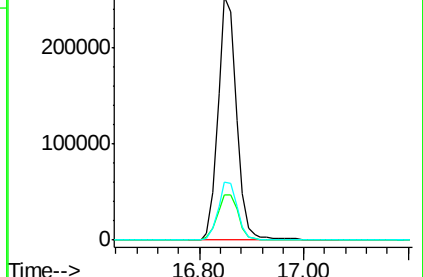
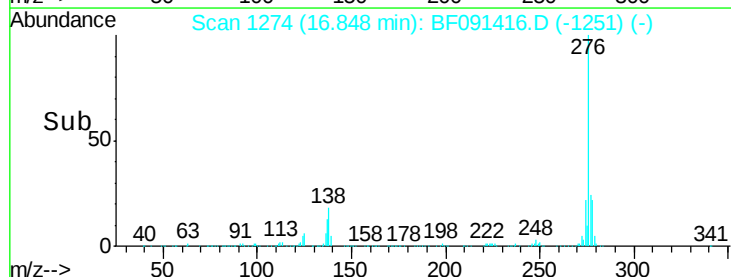
277 24.9 20.2 30.2

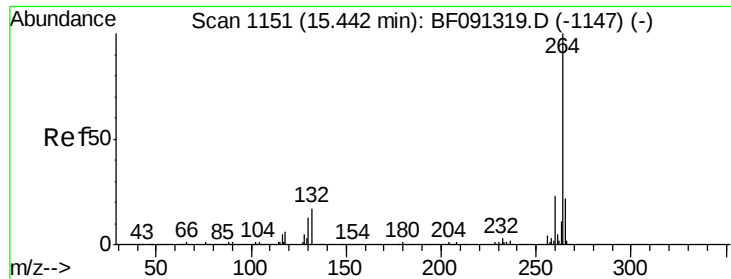


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

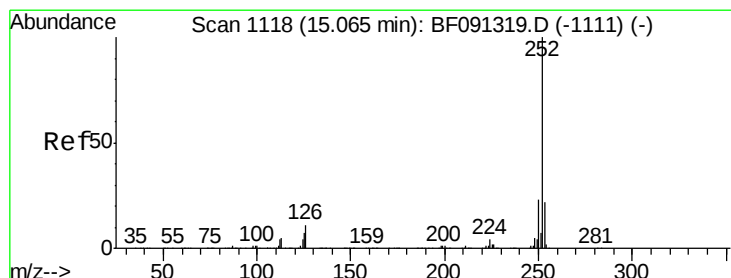
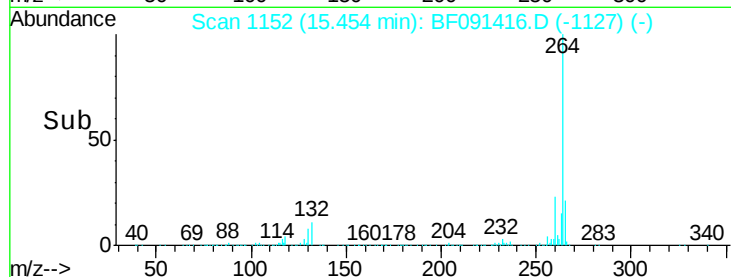
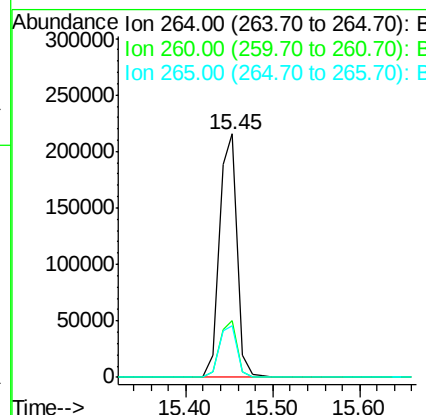
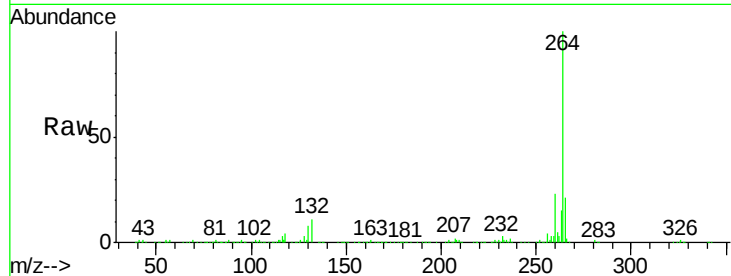
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.2	17.0	25.6

Manual Integrations
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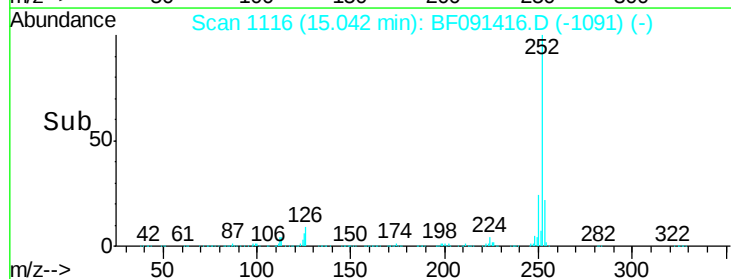
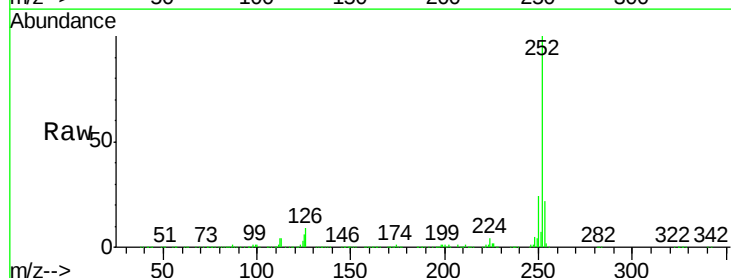
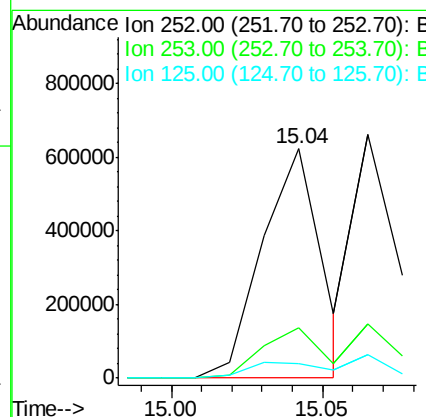
sohil

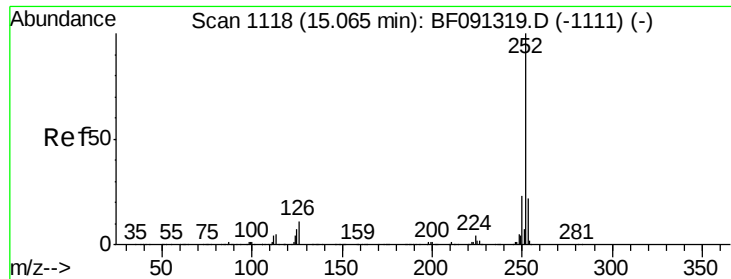
12/5/2016 11:21:14 AM



#87
Benzo(b)fluoranthene
Concen: 43.70 ng m
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	6.5	8.6	13.0





#88
Benzo(k)fluoranthene
Concen: 41.18 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

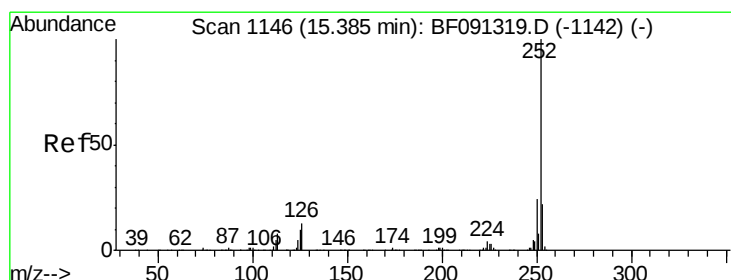
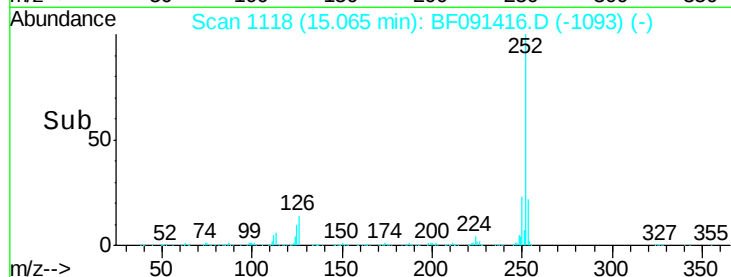
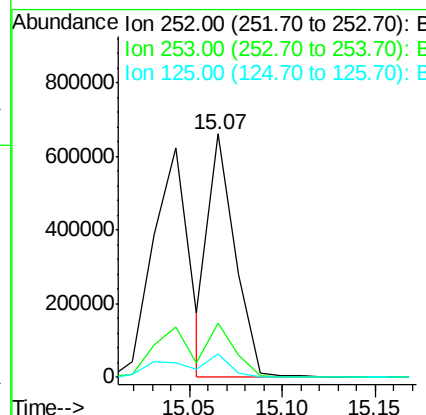
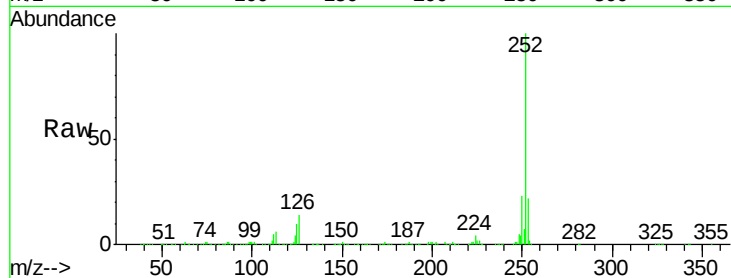
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.6	9.6	14.4

Manual Integrations
APPROVED

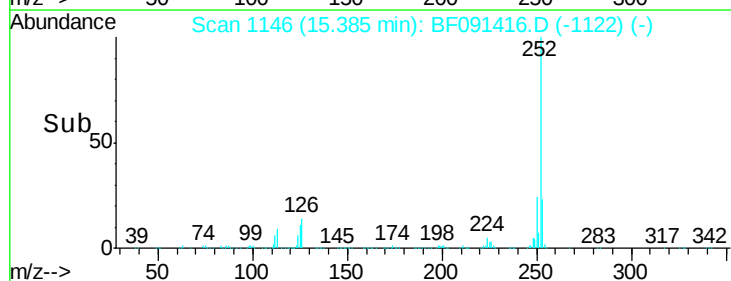
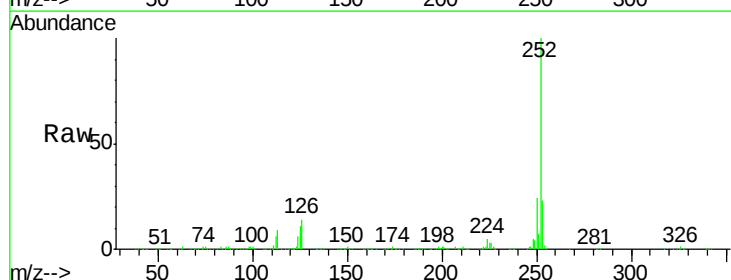
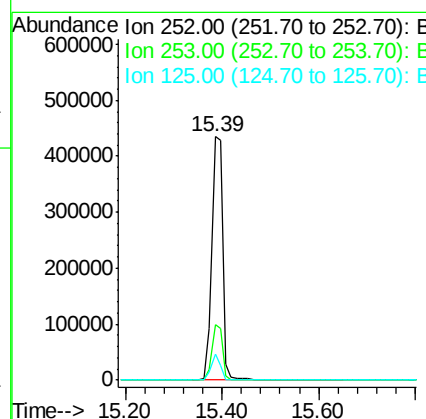
sohil

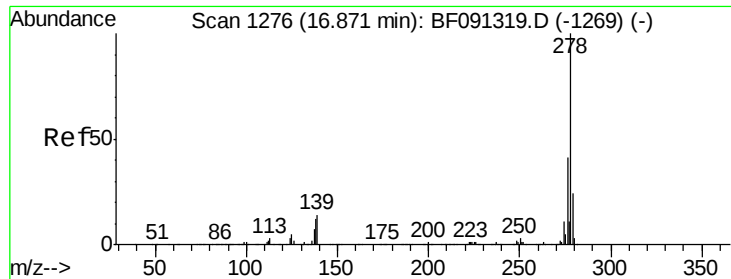
12/5/2016 11:21:14 AM



#89
Benzo(a)pyrene
Concen: 40.46 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.9	10.4	15.6





#90
Dibenzo(a,h)anthracene
Concen: 34.43 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

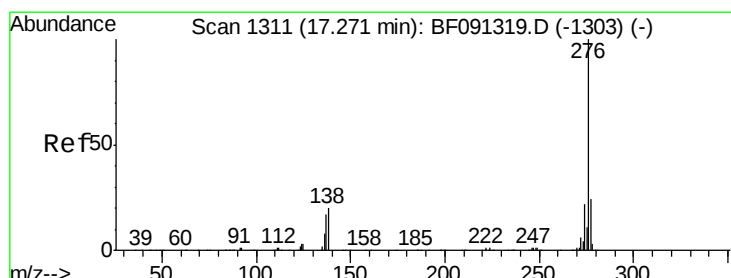
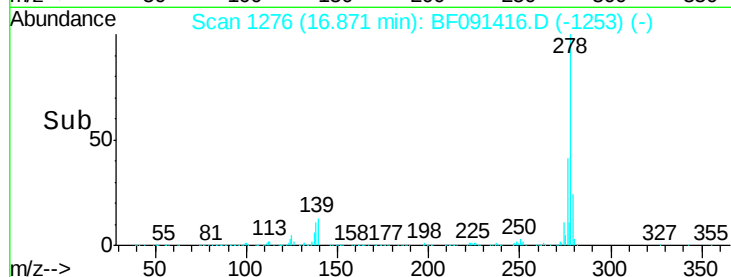
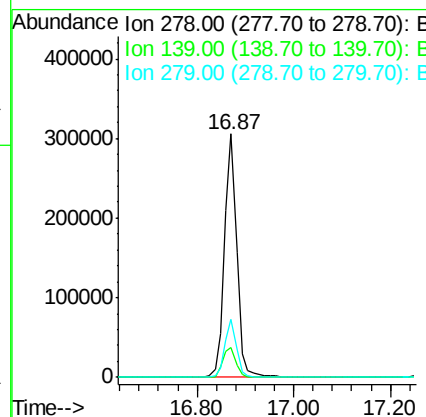
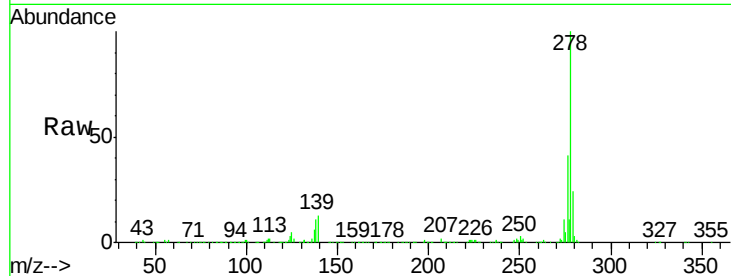
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	15.1	22.7#
279	23.8	19.0	28.6

Manual Integrations
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sohil

12/5/2016 11:21:14 AM



#91
Benzo(g,h,i)perylene
Concen: 30.91 ng
RT: 17.27 min Scan# 1311
Delta R.T. -0.04 min
Lab File: BF091416.D
Acq: 3 Dec 2016 3:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	18.7	15.4	23.0

