

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088418.D
 Acq On : 26 Jun 2016 15:06
 Operator : UM/SJ
 Sample : H3624-17MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Manual Integrations
 APPROVED

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Quant Time: Jun 27 17:23:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	71024m	20.00	ng	-0.06
21) Naphthalene-d8	7.84	136	293670	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	133837	20.00	ng	-0.07
63) Phenanthrene-d10	11.06	188	253143	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	169725	20.00	ng	-0.06
86) Perylene-d12	15.03	264	166844	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	543700	130.87	ng	-0.03
7) Phenol-d6	6.23	99	635556	126.23	ng	-0.03
23) Nitrobenzene-d5	7.13	82	387899	77.13	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	155437	109.99	ng	-0.06
44) 2-Fluorobiphenyl	8.91	172	594411	68.71	ng	-0.06
78) Terphenyl-d14	12.64	244	529930	71.05	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	70172	34.76	ng	# 35
3) Pyridine	2.64	79	162589	34.11	ng	90
4) n-Nitrosodimethylamine	2.60	42	73677	36.50	ng	79
6) Aniline	6.22	93	116272m	16.22	ng	
8) 2-Chlorophenol	6.34	128	230935	46.96	ng	86
10) Phenol	6.24	94	290383	56.49	ng	96
11) bis(2-Chloroethyl)ether	6.30	93	223697	50.67	ng	88
12) 1,3-Dichlorobenzene	6.49	146	220009m	41.70	ng	
13) 1,4-Dichlorobenzene	6.57	146	227690m	42.84	ng	
14) 1,2-Dichlorobenzene	6.72	146	216880	44.87	ng	96
15) Benzyl Alcohol	6.72	79	154413	39.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	208547	34.96	ng	# 1
17) 2-Methylphenol	6.84	107	183273m	45.96	ng	
18) Hexachloroethane	7.05	117	76519m	40.57	ng	
19) n-Nitroso-di-n-propylamine	6.98	70	142398	44.21	ng	90
20) 3+4-Methylphenols	7.00	107	224665	48.28	ng	# 78
22) Acetophenone	6.98	105	308893	47.07	ng	# 95
24) Nitrobenzene	7.14	77	195856	40.20	ng	88
25) Isophorone	7.39	82	402140	43.17	ng	95
26) 2-Nitrophenol	7.46	139	121296	46.48	ng	90
27) 2,4-Dimethylphenol	7.52	122	185229	38.55	ng	93
28) bis(2-Chloroethoxy)methane	7.61	93	259718	44.95	ng	98
29) 2,4-Dichlorophenol	7.71	162	193931	48.34	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	180203	41.25	ng	99
31) Naphthalene	7.86	128	642427	44.21	ng	98
32) Benzoic acid	7.66	122	7718	2.92	ng	# 77
33) 4-Chloroaniline	7.93	127	96245	14.83	ng	# 94
34) Hexachlorobutadiene	7.98	225	96390	41.84	ng	98
35) Caprolactam	8.31	113	60411m	45.46	ng	
36) 4-Chloro-3-methylphenol	8.43	107	199075	46.40	ng	98
37) 2-Methylnaphthalene	8.55	142	395148m	41.25	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	173657	53.06	ng	# 1
40) Hexachlorocyclopentadiene	8.70	237	38754	17.95	ng	99
42) 2,4,6-Trichlorophenol	8.84	196	112751	42.13	ng	98

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Manual Integrations
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Quant Time: Jun 27 17:23:20 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.89	196	118880	42.69	nq	# 88
45) 1,1'-Biphenyl	9.02	154	505530	51.17	nq	96
46) 2-Chloronaphthalene	9.04	162	386112	44.58	nq	94
47) 2-Nitroaniline	9.15	65	115622	45.26	nq	# 57
48) Acenaphthylene	9.44	152	602240	43.72	nq	100
49) Dimethylphthalate	9.32	163	567132	58.50	nq	100
50) 2,6-Dinitrotoluene	9.39	165	110377	49.71	nq	# 82
51) Acenaphthene	9.61	154	335397	39.03	nq	99
52) 3-Nitroaniline	9.56	138	65271	25.48	nq	83
53) 2,4-Dinitrophenol	9.69	184	18011	20.14	nq	90
54) Dibenzofuran	9.78	168	508199	42.94	nq	# 82
55) 4-Nitrophenol	9.76	139	84202m	42.34	nq	
56) 2,4-Dinitrotoluene	9.80	165	137636	48.24	nq	95
57) Fluorene	10.12	166	381807	48.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	106416	48.63	nq	# 59
59) Diethylphthalate	10.02	149	465598	47.44	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	173311	44.03	nq	98
61) 4-Nitroaniline	10.18	138	108775	44.76	nq	99
62) Azobenzene	10.28	77	389900m	40.18	nq	
64) 4,6-Dinitro-2-methylphenol	10.22	198	52954	34.16	nq	# 65
65) n-Nitrosodiphenylamine	10.25	169	377112	44.90	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	110746	40.78	nq	# 79
67) Hexachlorobenzene	10.67	284	117037	41.48	nq	# 87
68) Atrazine	10.79	200	125606	49.38	nq	95
69) Pentachlorophenol	10.88	266	100217	67.38	nq	97
70) Phenanthrene	11.08	178	674893	50.81	nq	99
71) Anthracene	11.13	178	627902	46.86	nq	99
72) Carbazole	11.30	167	619497	49.41	nq	98
73) Di-n-butylphthalate	11.63	149	715804	45.10	nq	98
74) Fluoranthene	12.26	202	832847	59.41	nq	99
76) Benzidine	12.40	184	119265	25.38	nq	97
77) Pyrene	12.49	202	855947	67.96	nq	99
79) Butylbenzylphthalate	13.11	149	282533	50.74	nq	# 81
80) Benzo(a)anthracene	13.67	228	547862	56.64	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	74674	28.71	nq	# 98
82) Chrysene	13.71	228	559353	61.47	nq	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	345893	51.03	nq	# 97
84) Di-n-octyl phthalate	14.29	149	674724	61.26	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.26	276	429825	50.84	nq	# 100
87) Benzo(b)fluoranthene	14.67	252	492473m	42.35	nq	
88) Benzo(k)fluoranthene	14.70	252	437849m	49.91	nq	
89) Benzo(a)pyrene	14.98	252	441168	46.89	nq	98
90) Dibenzo(a,h)anthracene	16.26	278	348179	39.84	nq	98
91) Benzo(g,h,i)perylene	16.63	276	372397	41.43	nq	96

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

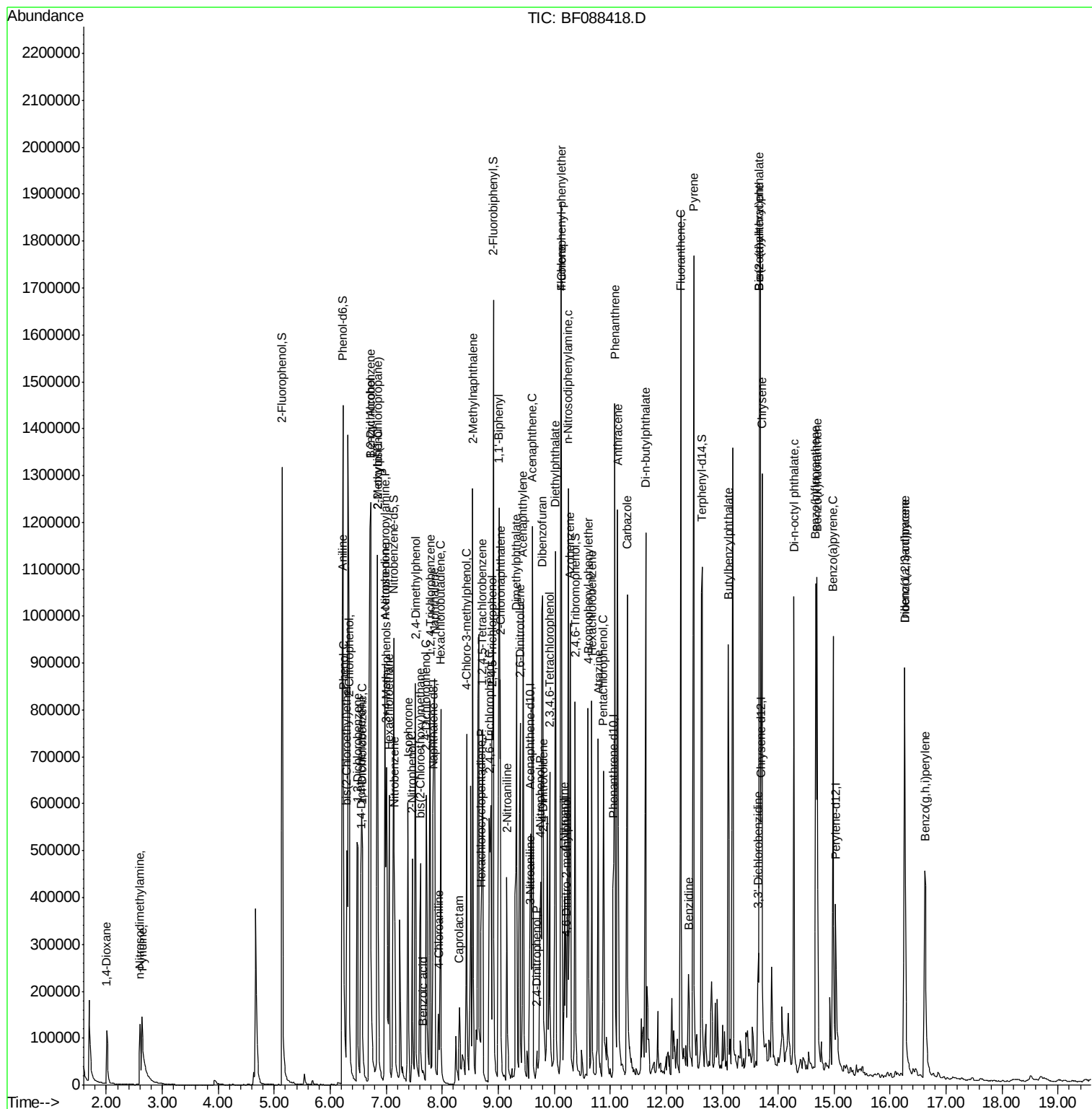
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Operator  : UM/SJ  
Sample    : H3624-17MSD  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
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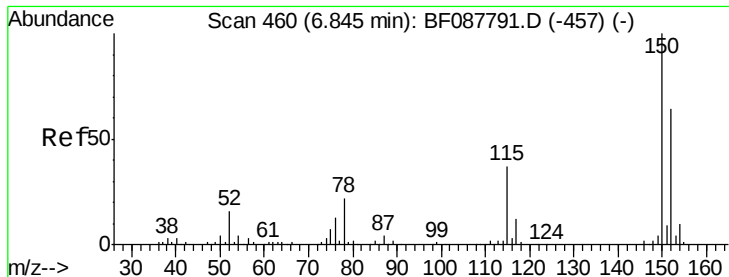
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Manual Integrations APPROVED

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#1

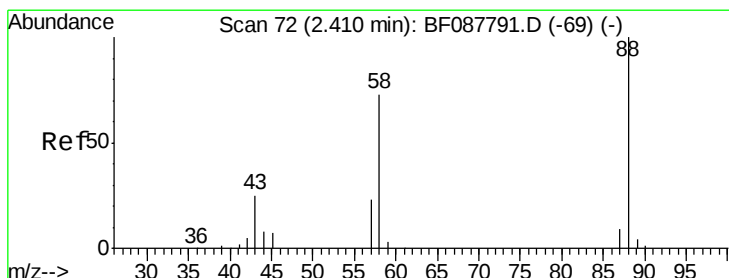
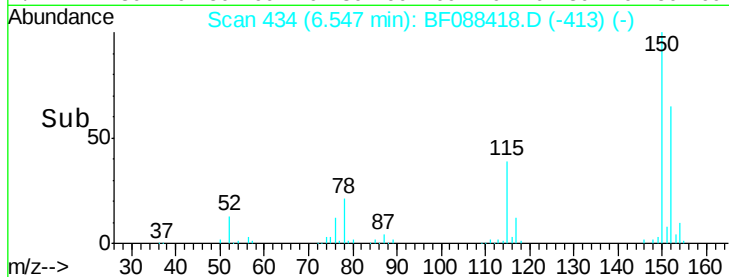
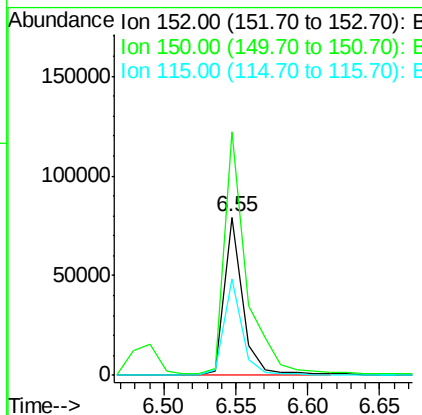
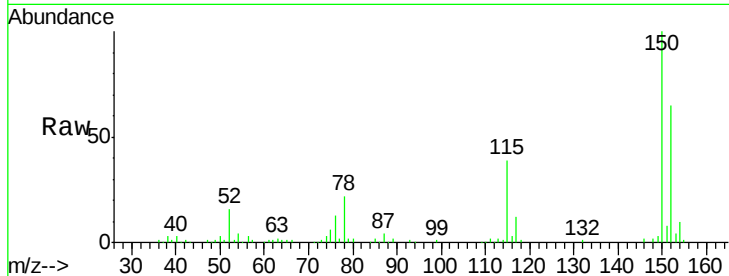
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.6
115	60.7	39.6	59.4

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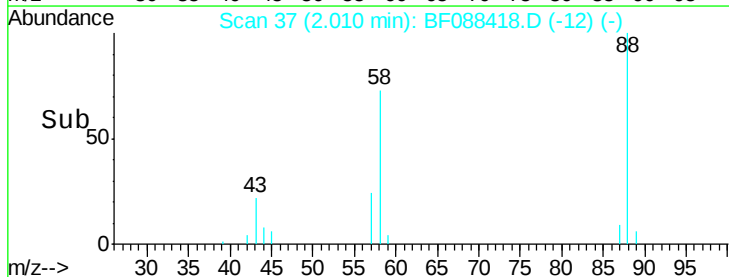
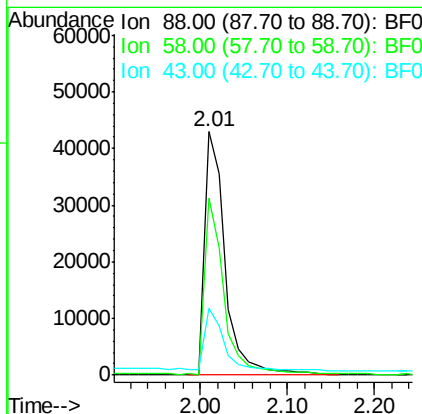
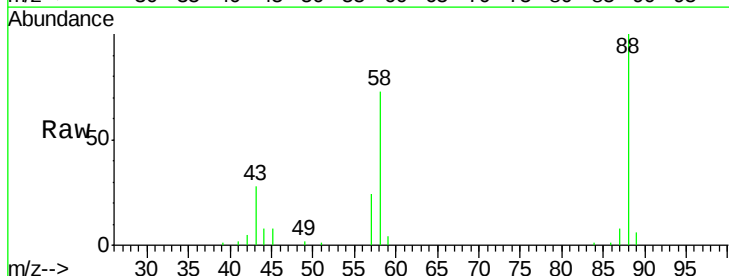
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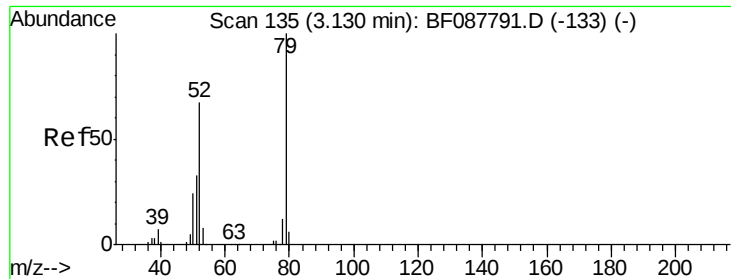


#2

1,4-Dioxane
Concen: 34.76 ng
RT: 2.01 min Scan# 37
Delta R.T. -0.01 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	0.0	0.0
43	25.8	3.4	5.2





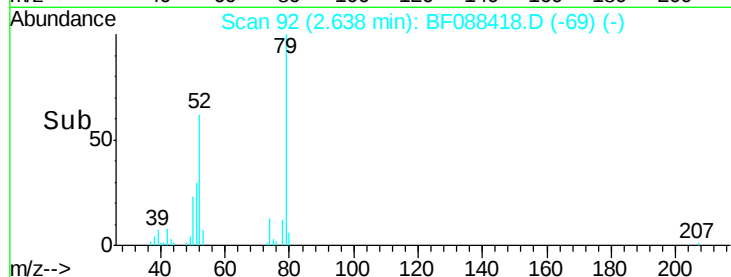
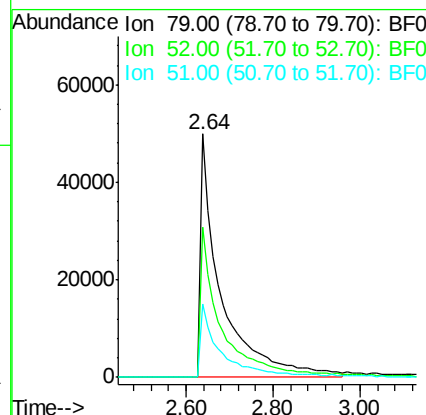
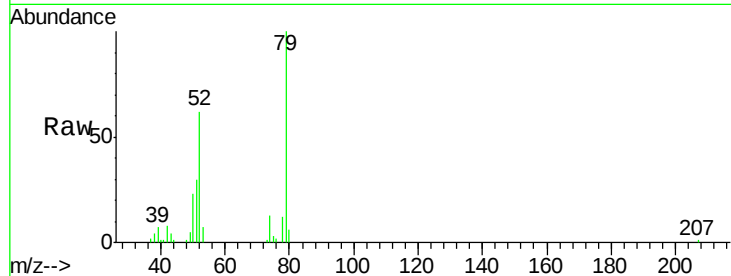
#3
 Pvridine
 Concen: 34.11 ng
 RT: 2.64 min Scan# 92
 Delta R.T. -0.03 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	162589		
52	52	61.8		56.3	84.5
51	51	29.9		27.4	41.2

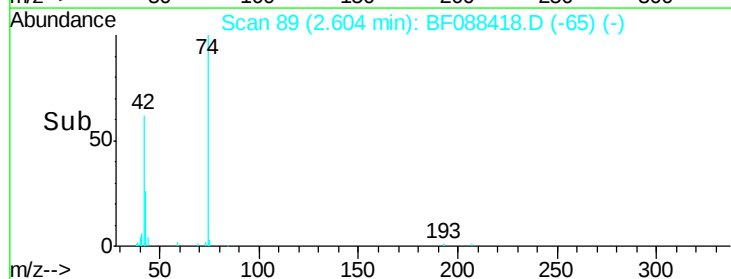
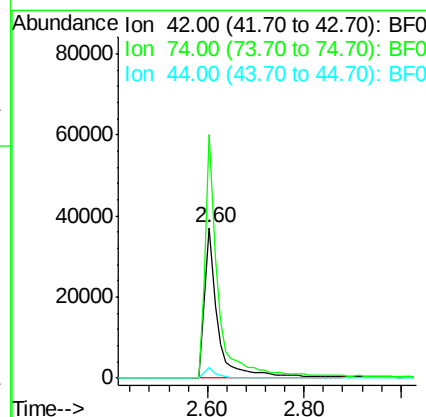
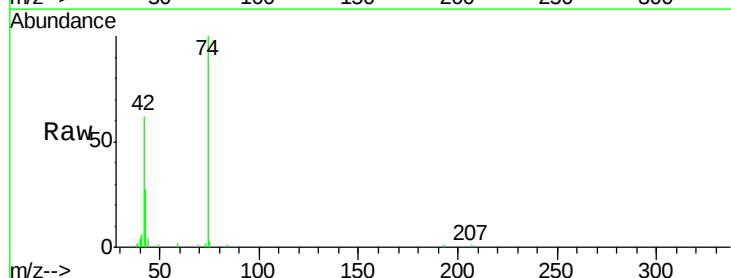
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#4
 n-Nitrosodimethylamine
 Concen: 36.50 ng
 RT: 2.60 min Scan# 89
 Delta R.T. -0.02 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	73677		
74	74	161.6		108.6	163.0
44	44	6.9		5.5	8.3





#5

2-Fluorophenol

Concen: 130.87 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

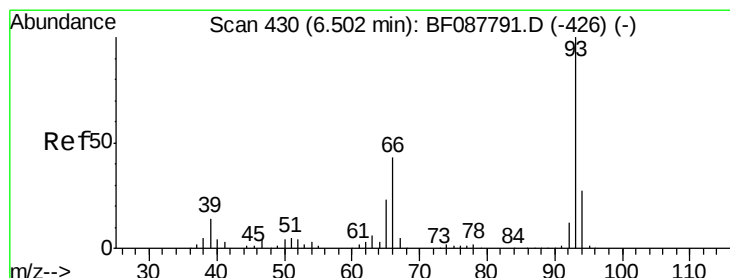
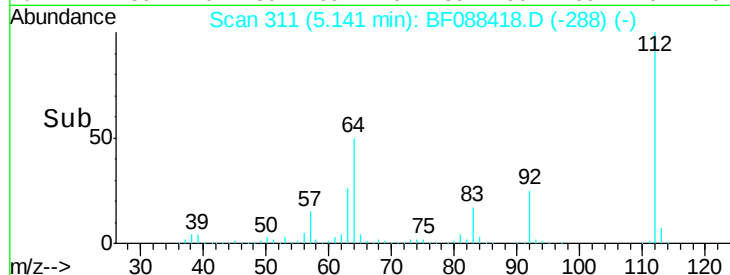
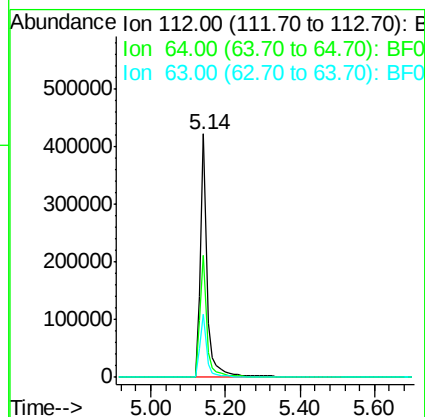
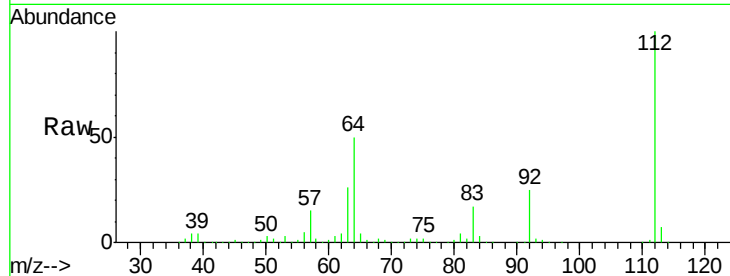
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:	112	Resp:	543700
Ion Ratio	Lower	Upper	
112	100		
64	50.2	42.2	63.2
63	26.1	21.8	32.8

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#6

Aniline

Concen: 16.22 ng m

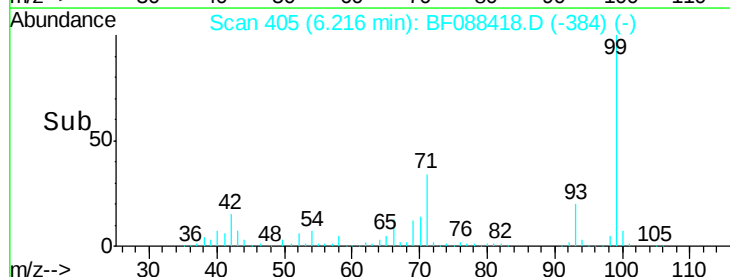
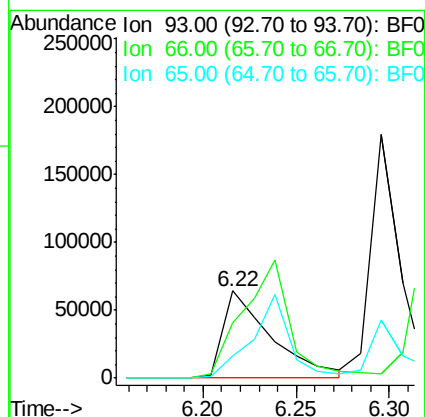
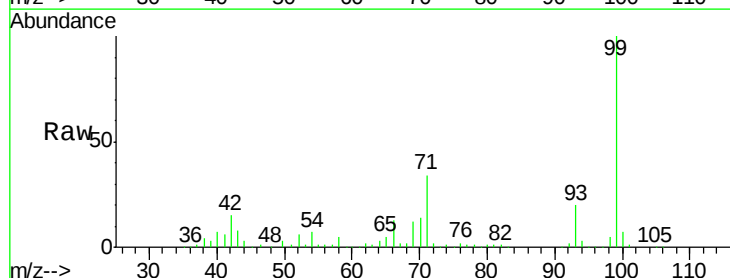
RT: 6.22 min Scan# 405

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	93	Resp:	116272
Ion Ratio	Lower	Upper	
93	100		
66	63.2	29.8	44.8#
65	24.9	14.9	22.3#





#7

Phenol-d6

Concen: 126.23 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

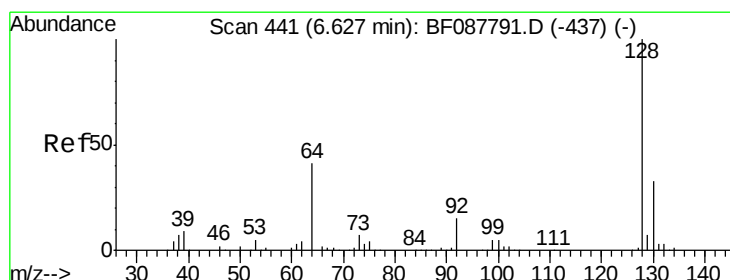
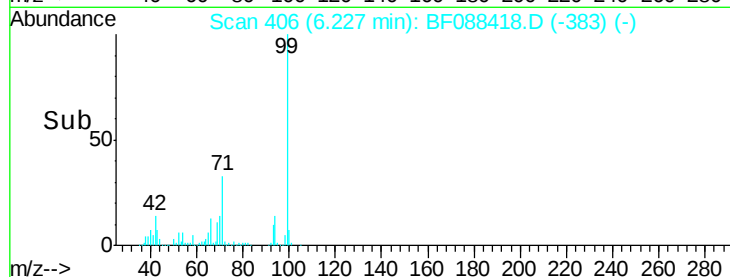
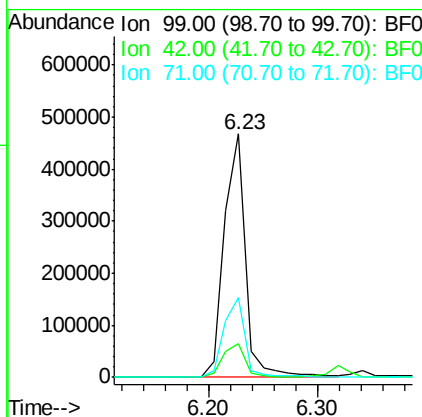
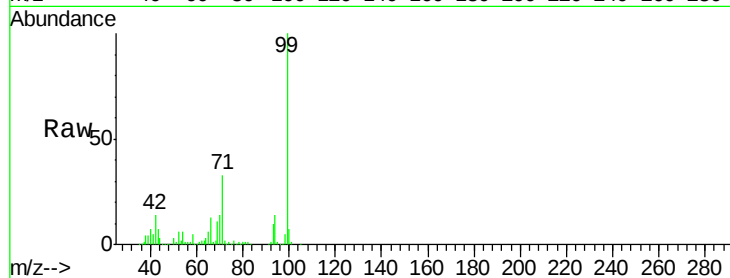
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:	99	Resp:	635556
Ion Ratio	Lower	Upper	
99	100		
42	14.1	12.2	18.2
71	32.9	23.4	35.0

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#8

2-Chlorophenol

Concen: 46.96 ng

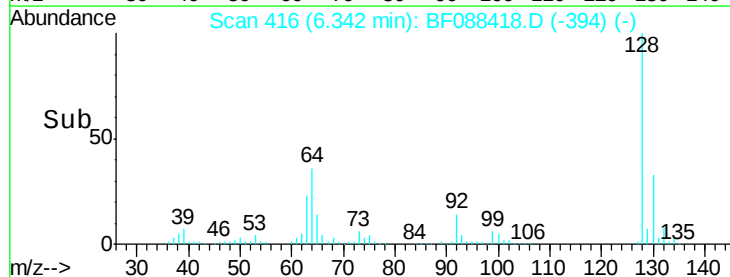
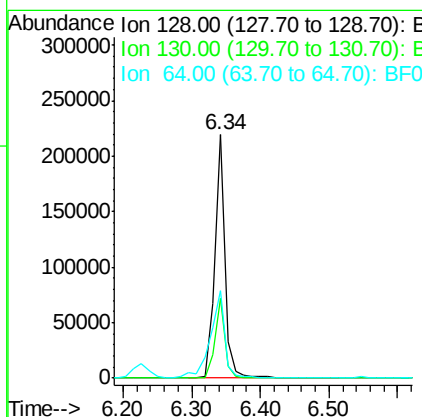
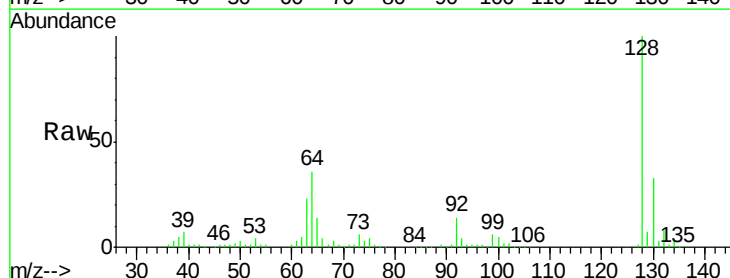
RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	128	Resp:	230935
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.0	52.0
64	36.0	30.8	70.8





#10

Phenol

Concen: 56.49 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

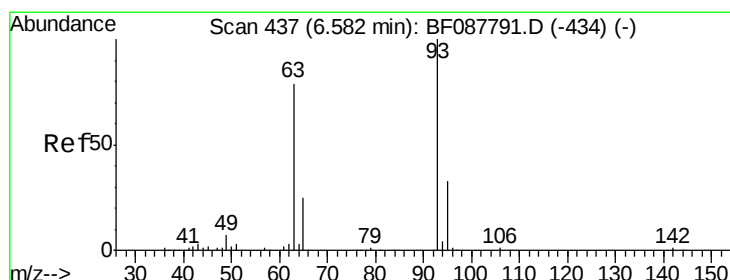
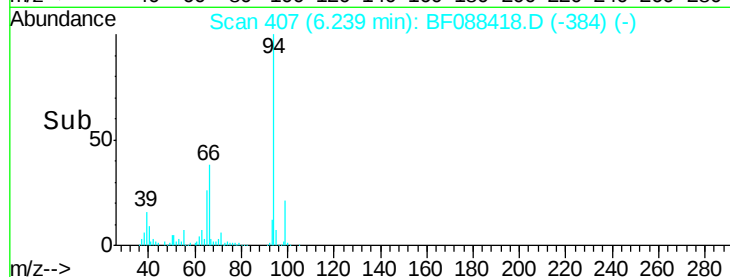
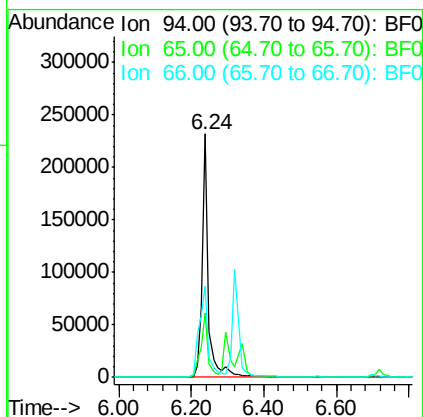
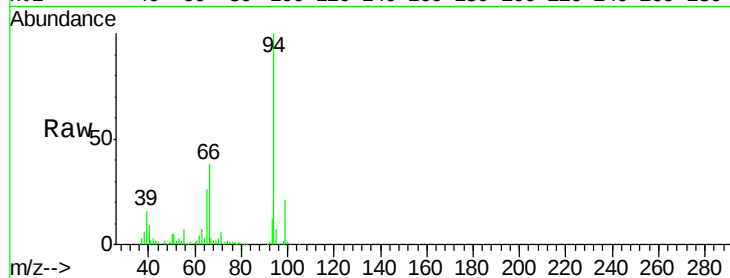
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:	94	Resp:	290383
Ion	Ratio	Lower	Upper
94	100		
65	26.4	5.9	45.9
66	37.5	14.0	54.0

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#11

bis(2-Chloroethyl)ether

Concen: 50.67 ng

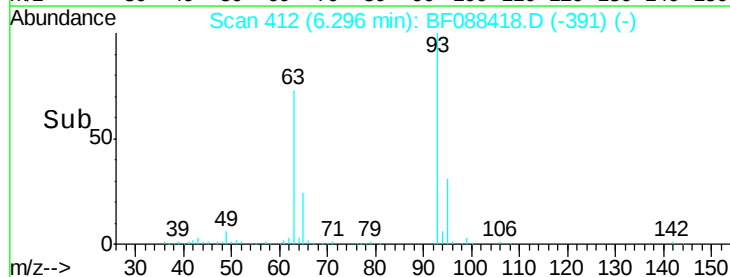
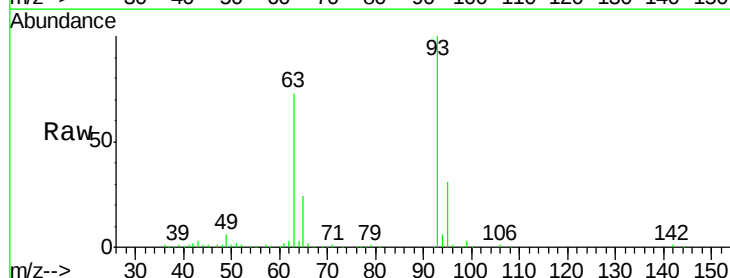
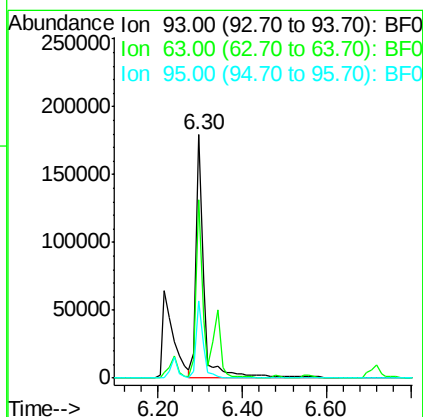
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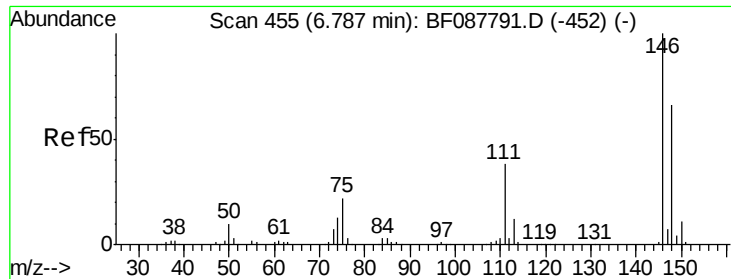
Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	93	Resp:	223697
Ion	Ratio	Lower	Upper
93	100		
63	73.3	67.6	107.6
95	31.5	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 41.70 ng m

RT: 6.49 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

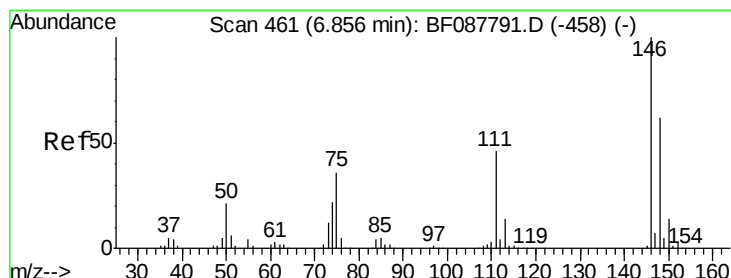
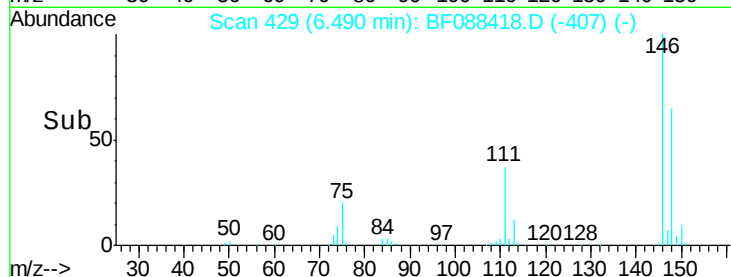
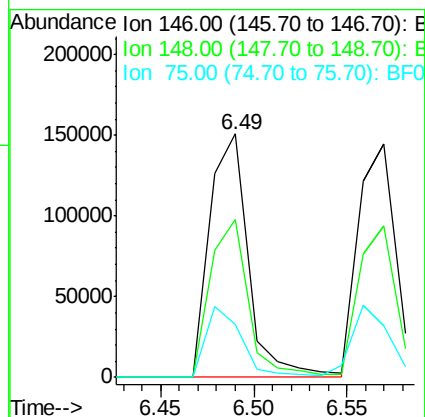
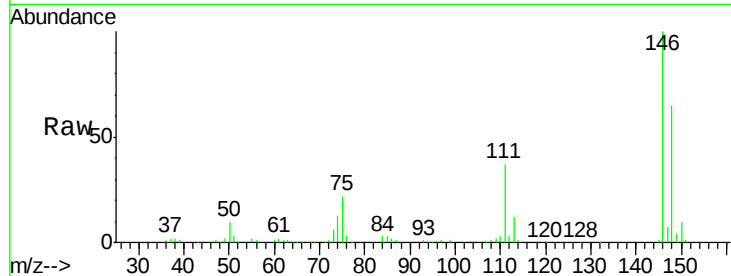
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:	146	Resp:	220009
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.9	76.3
75	22.0	25.6	38.4

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#13

1,4-Dichlorobenzene

Concen: 42.84 ng m

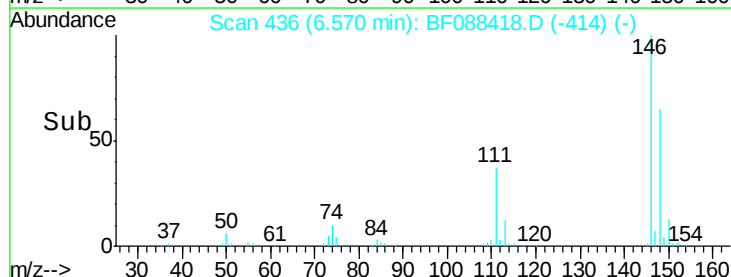
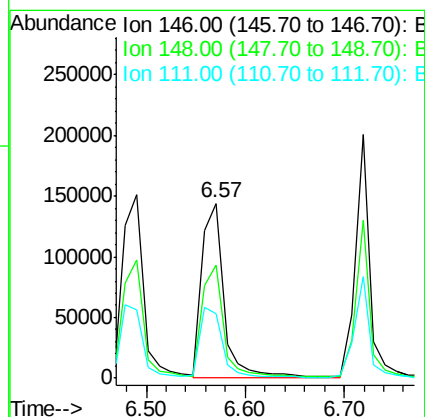
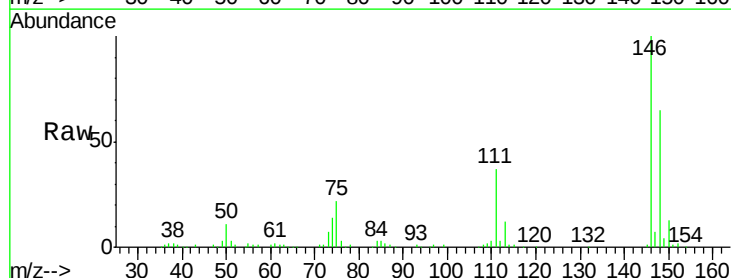
RT: 6.57 min Scan# 436

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	146	Resp:	227690
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.0	78.0
111	36.9	33.8	50.8





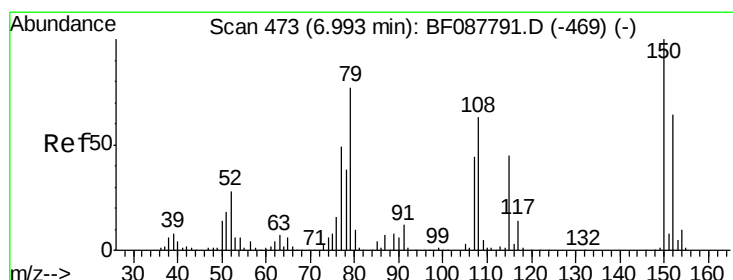
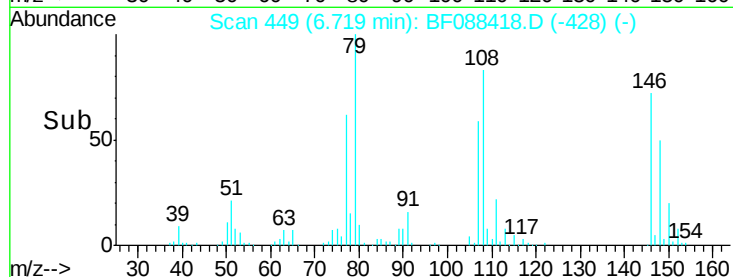
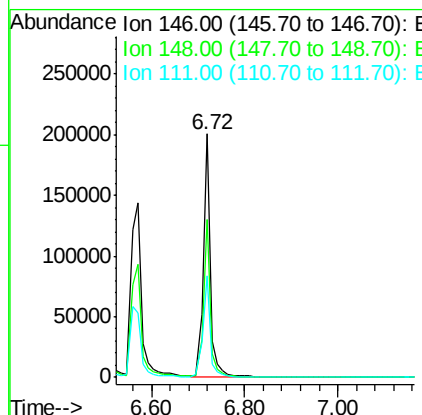
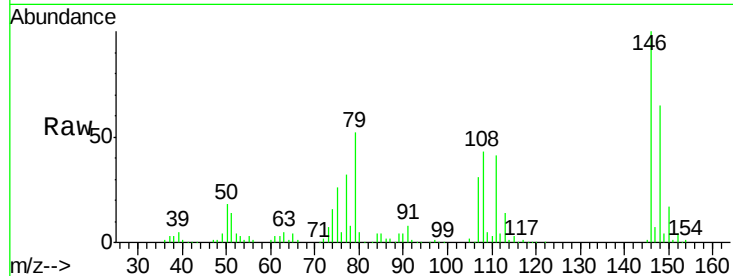
#14
 1,2-Dichlorobenzene
 Concen: 44.87 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.3	78.5
111	41.5	28.7	43.1

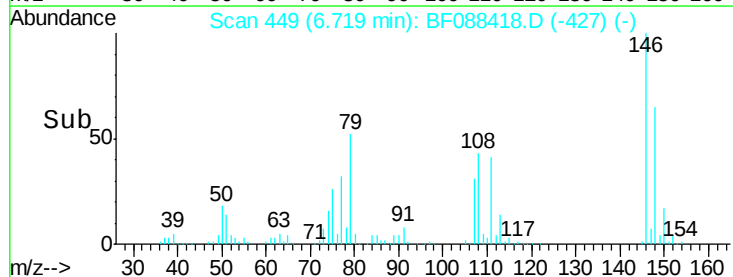
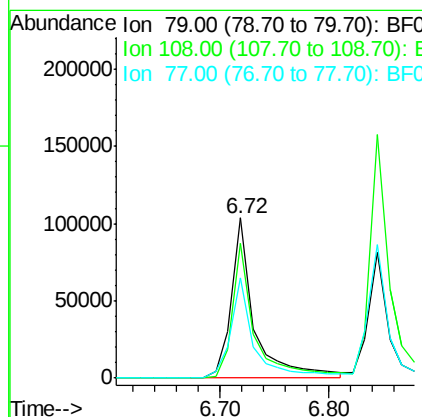
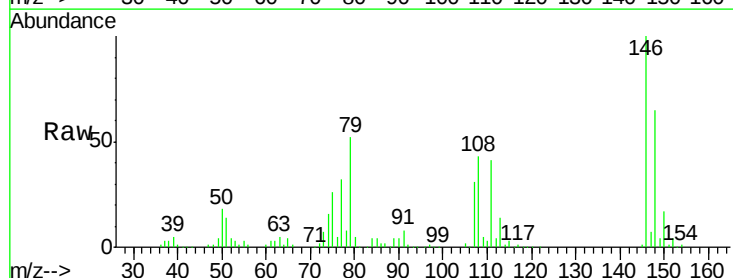
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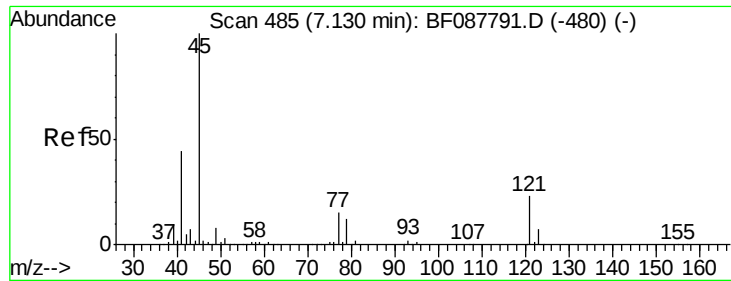
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#15
 Benzyl Alcohol
 Concen: 39.20 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.05 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
79	100		
108	84.1	65.0	97.6
77	62.8	50.3	75.5





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 34.96 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion: 45 Resp: 208547
Ion Ratio Lower Upper

45 100

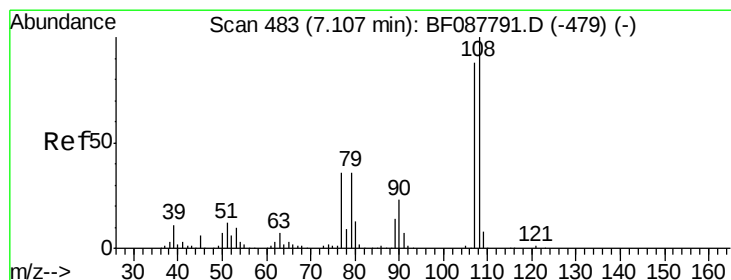
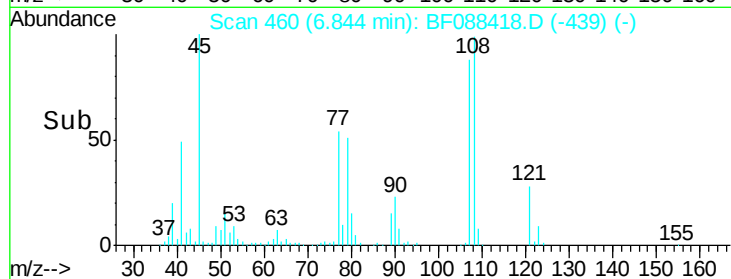
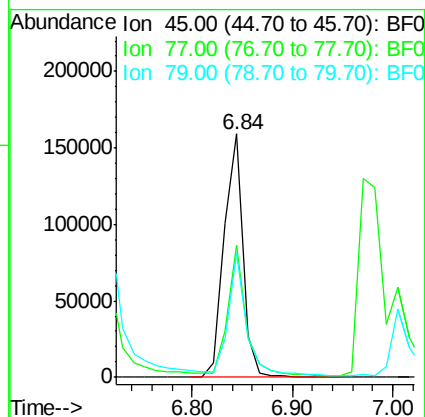
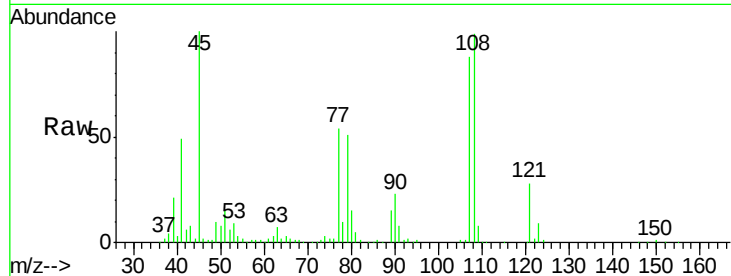
77 54.3 0.0 32.5#

79 50.9 0.0 29.5#

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#17

2-Methylphenol

Concen: 45.96 ng m

RT: 6.84 min Scan# 460

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

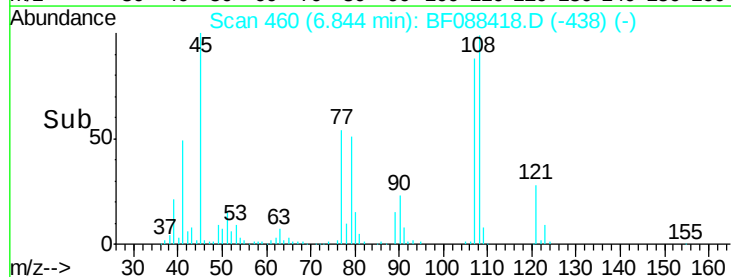
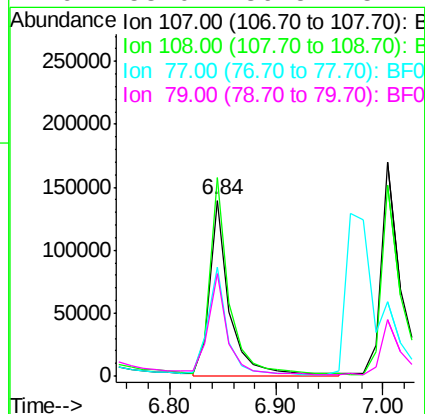
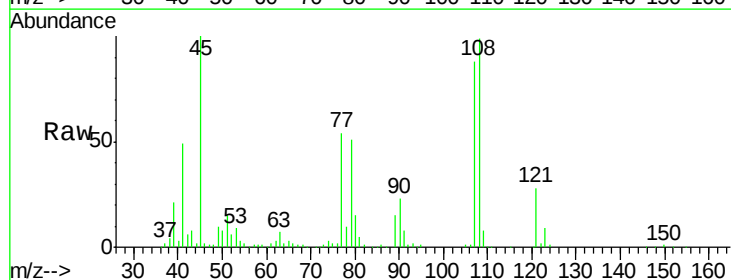
Tgt Ion: 107 Resp: 183273
Ion Ratio Lower Upper

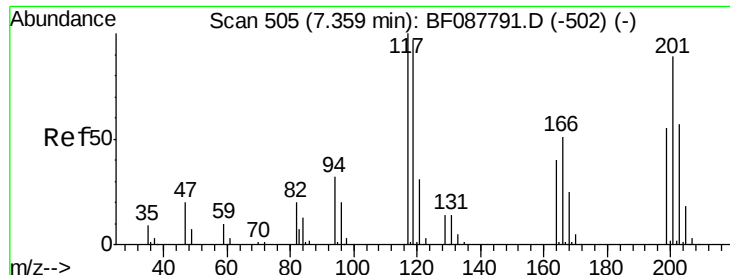
107 100

108 112.7 90.9 136.3

77 61.8 36.6 55.0#

79 58.0 36.5 54.7#





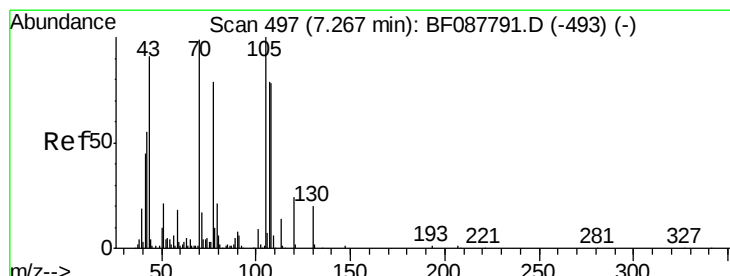
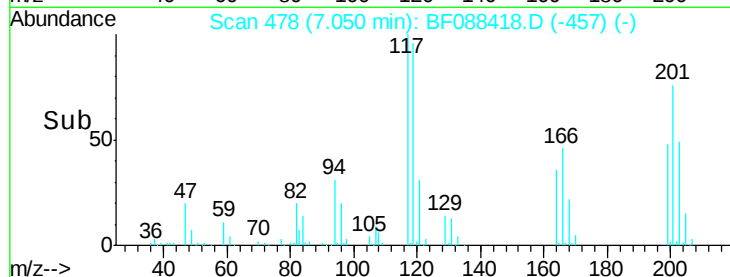
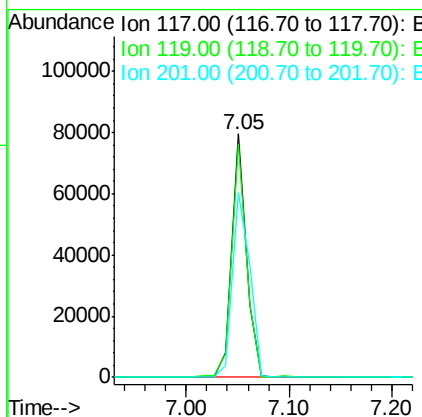
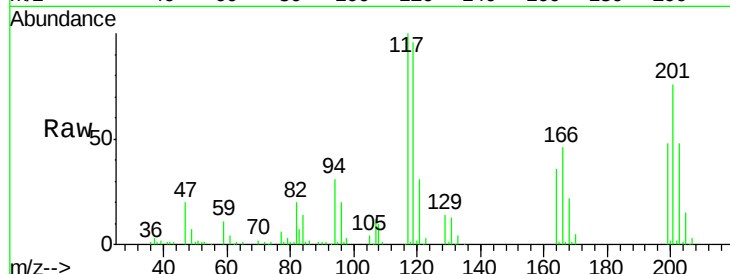
#18
Hexachloroethane
Concen: 40.57 ng m
RT: 7.05 min Scan# 478
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.2
201	75.9	80.4	120.6#

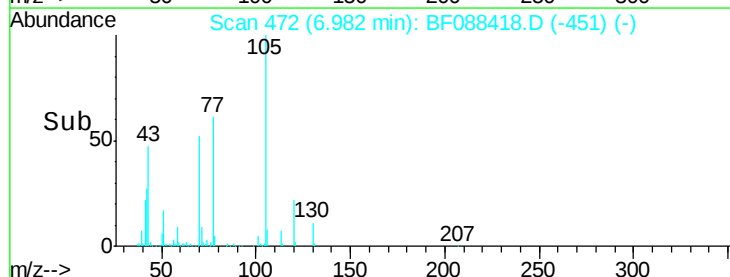
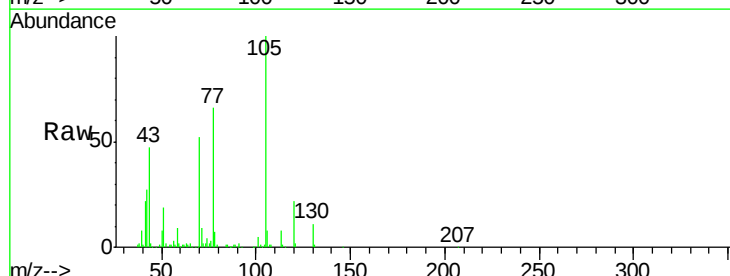
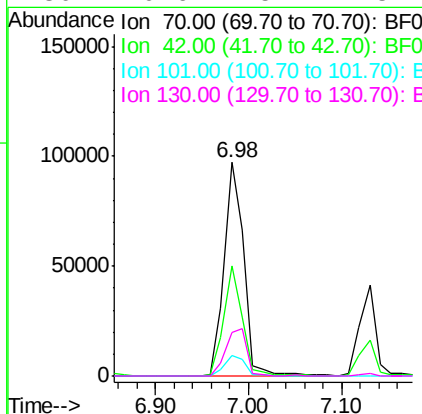
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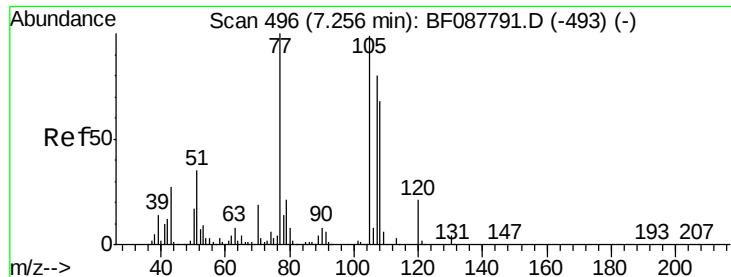
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#19
n-Nitroso-di-n-propylamine
Concen: 44.21 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.3	49.6	74.4
101	9.6	7.1	10.7
130	20.6	15.4	23.2





#20

3+4-Methylphenols

Concen: 48.28 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

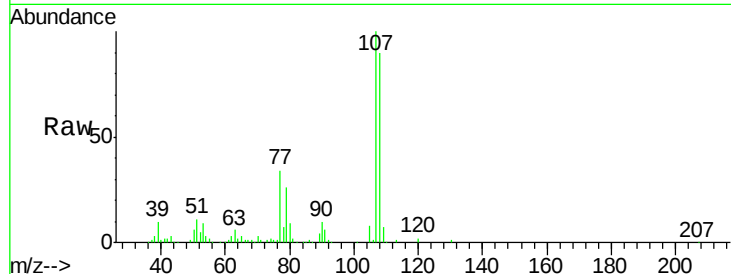
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	89.6	67.8	107.8	
77	34.5	59.3	99.3#	
79	26.4	7.0	47.0	

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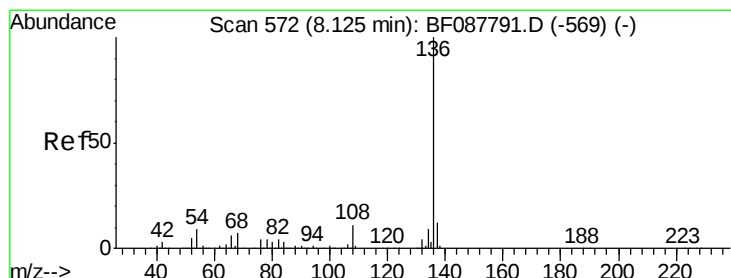
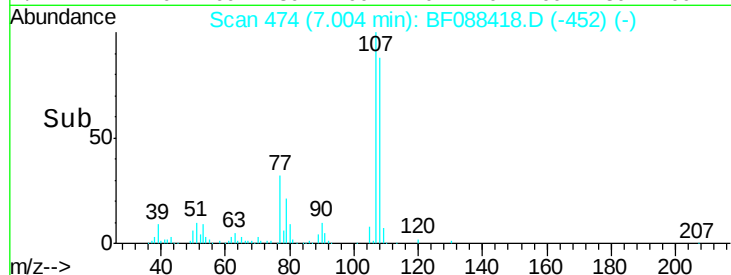
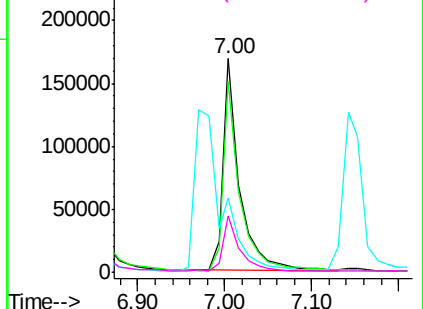
Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	5.5	6.6	10.0#	
68	4.8	5.1	7.7#	

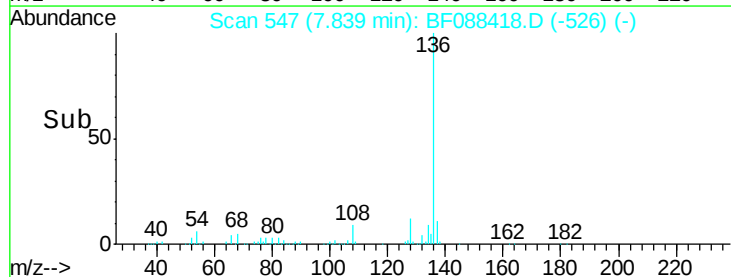
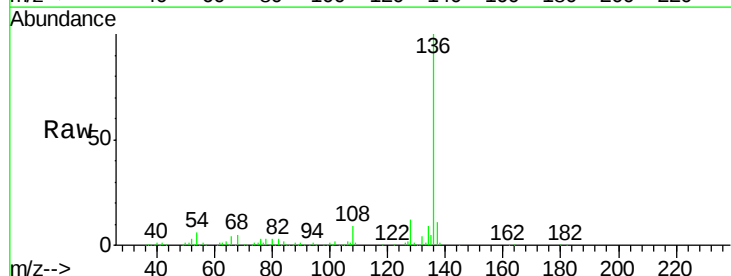
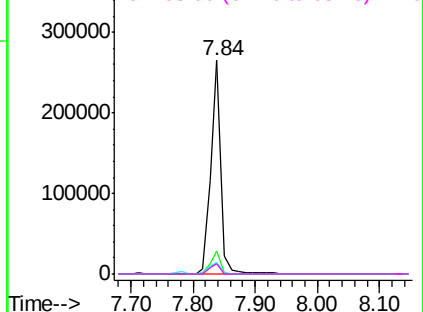
Abundance

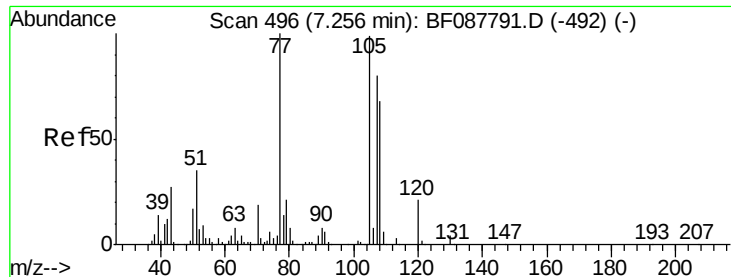
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 47.07 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.05 min

Lab File: BF088418.D

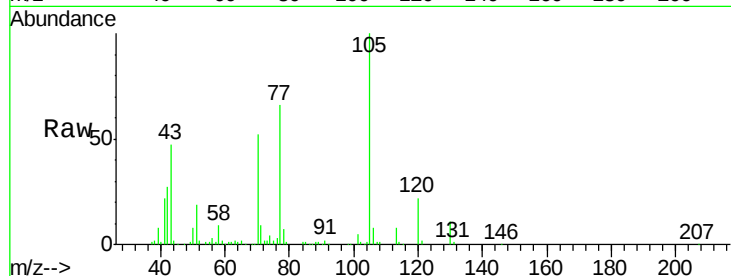
Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD



Tot Ion: 105 Resp: 308893

Ion Ratio Lower Upper

105 100

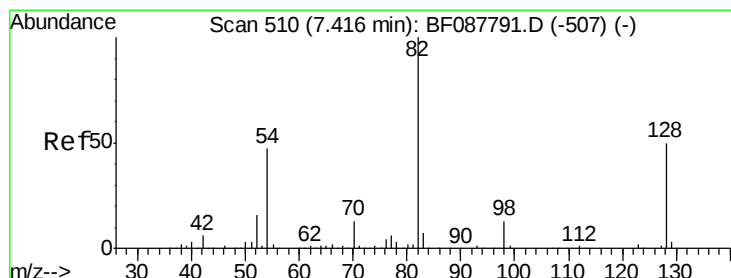
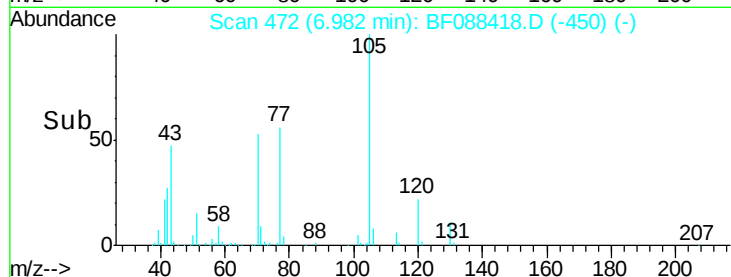
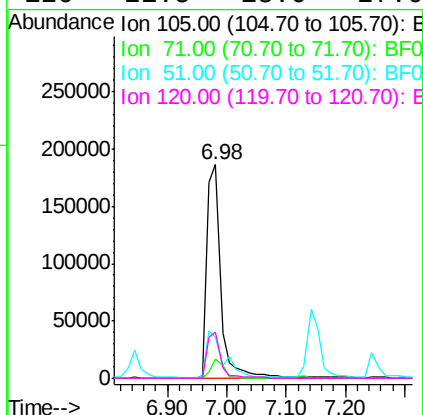
71 8.8 5.3 7.9#

51 19.1 18.2 27.4

120 21.5 18.0 27.0

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#23

Nitrobenzene-d5

Concen: 77.13 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

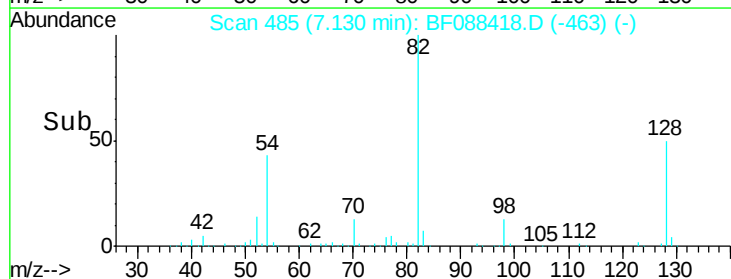
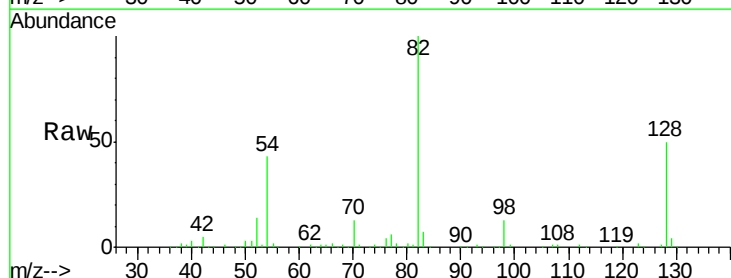
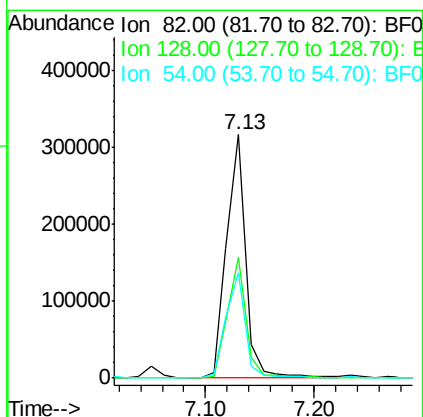
Tgt Ion: 82 Resp: 387899

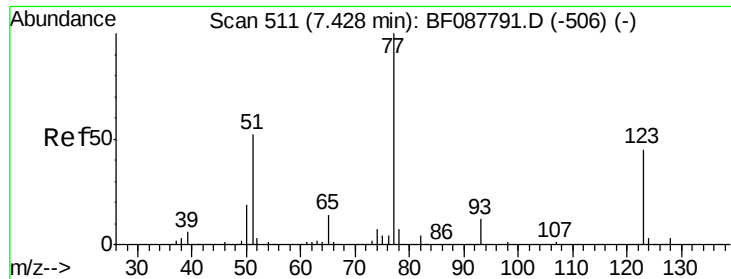
Ion Ratio Lower Upper

82 100

128 49.7 35.9 53.9

54 43.5 40.9 61.3





#24

Nitrobenzene

Concen: 40.20 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

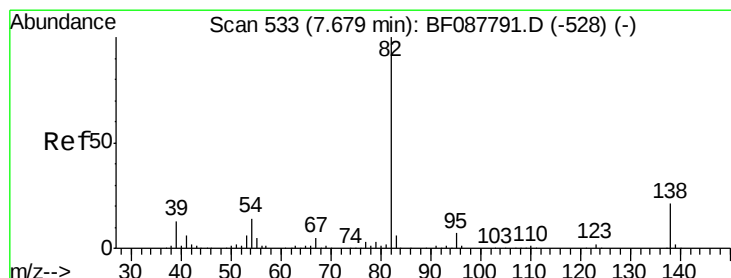
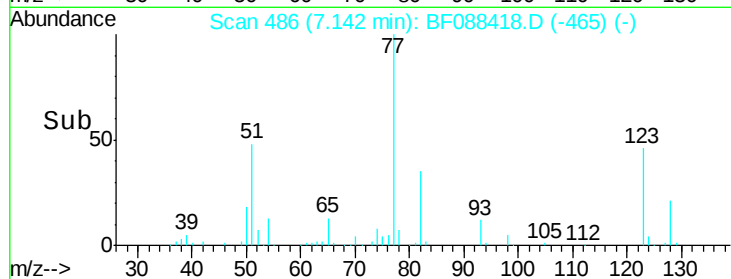
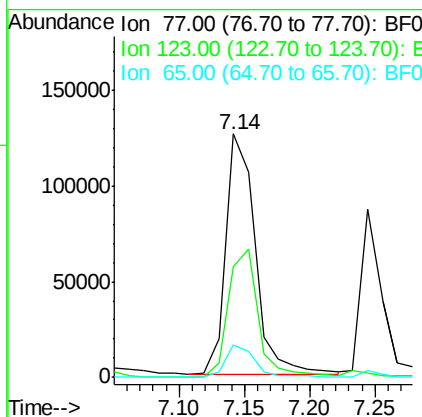
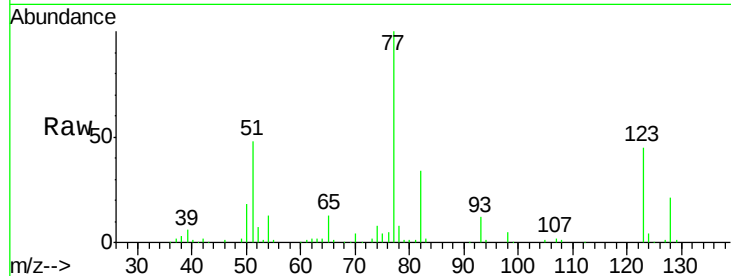
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:	77	Resp:	195856
Ion Ratio	Lower	Upper	
77	100		
123	45.2	45.0	67.4
65	13.1	10.2	15.2

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#25

Isophorone

Concen: 43.17 ng

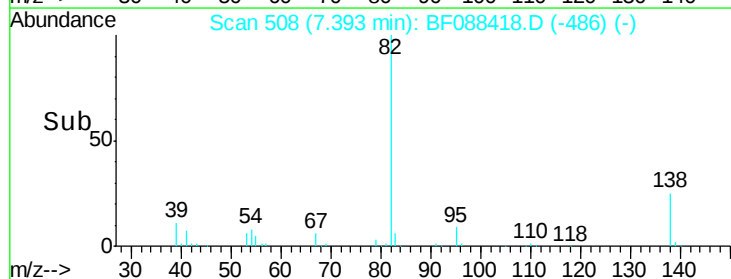
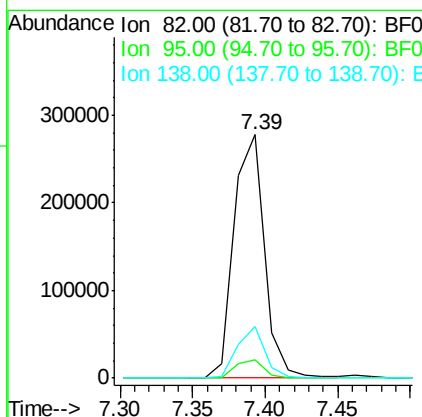
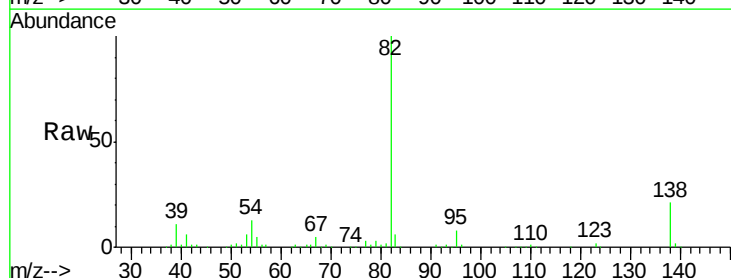
RT: 7.39 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	82	Resp:	402140
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.4	8.2
138	21.1	14.6	21.8





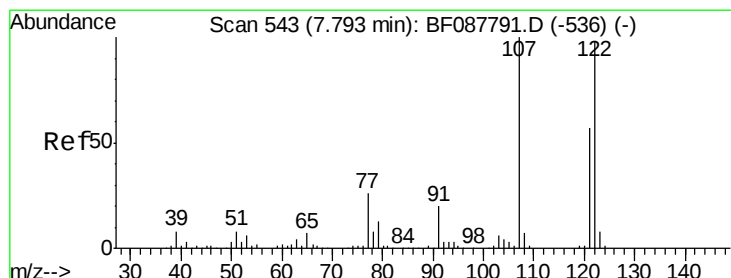
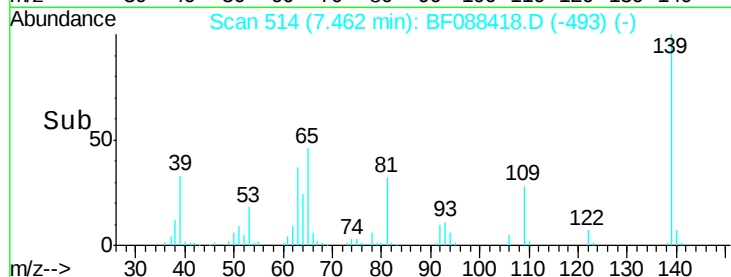
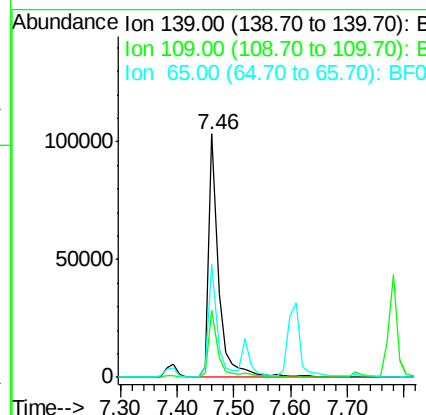
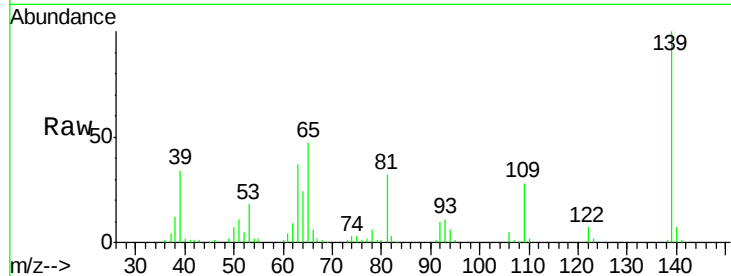
#26
2-Nitrophenol
Concen: 46.48 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	121296		
109	27.7	23.0	34.4	
65	46.6	45.8	68.8	

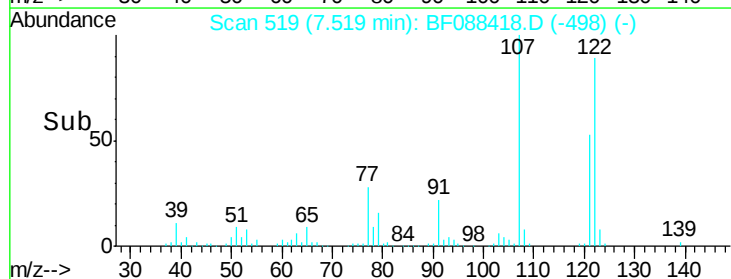
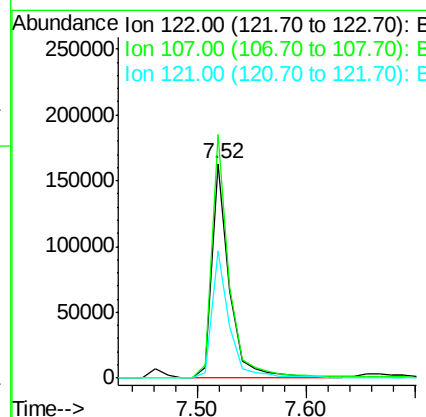
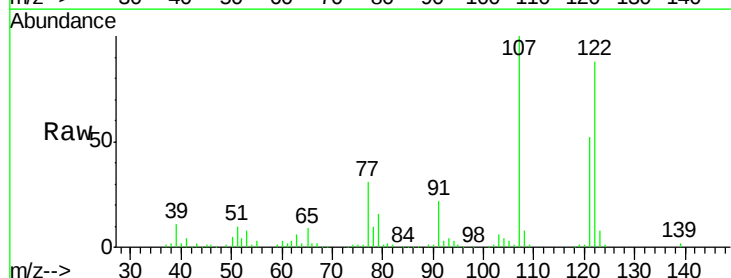
Manual Integrations
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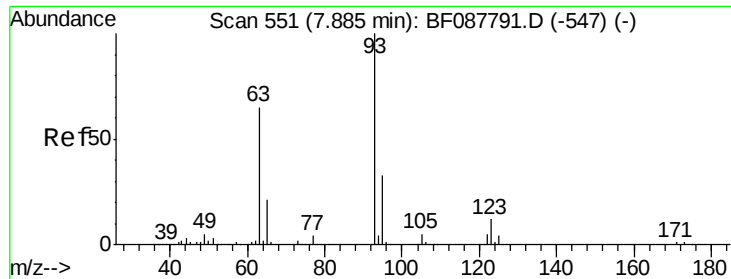
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#27
2,4-Dimethylphenol
Concen: 38.55 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	185229		
107	113.6	82.4	123.6	
121	59.4	46.3	69.5	





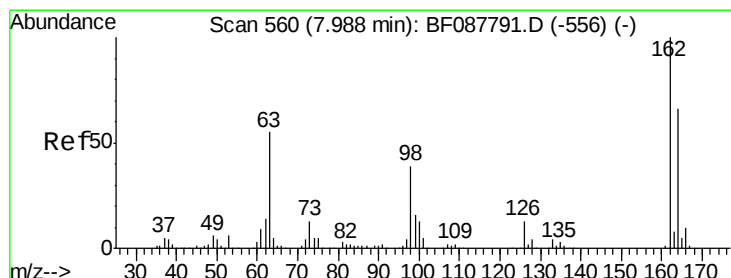
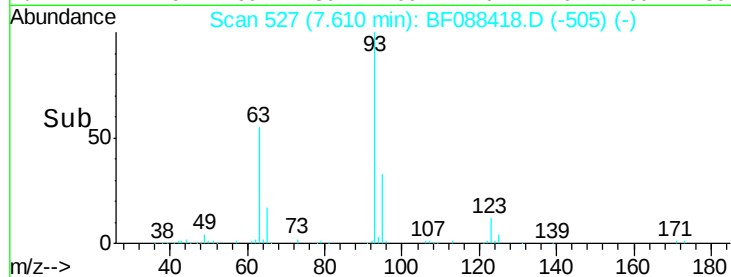
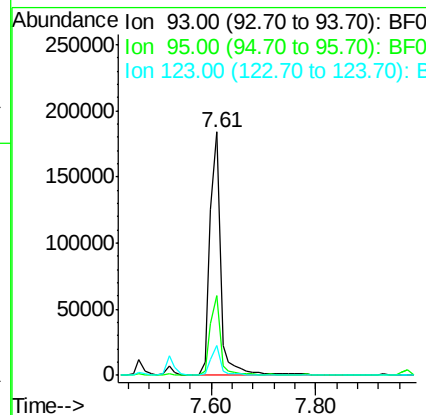
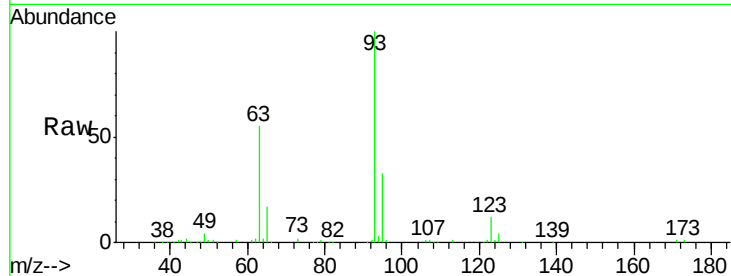
#28
bis(2-Chloroethoxy)methane
Concen: 44.95 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.9	26.5	39.7	
123	12.4	11.6	17.4	

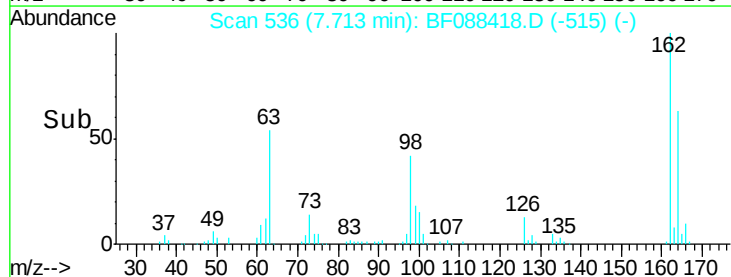
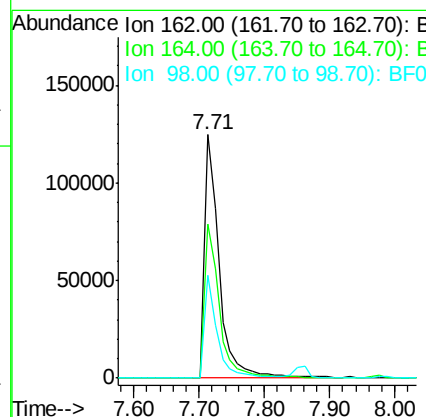
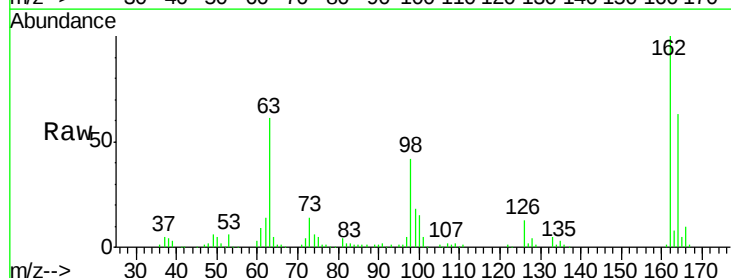
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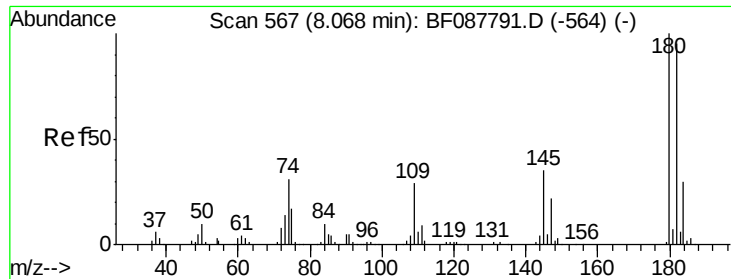
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#29
2,4-Dichlorophenol
Concen: 48.34 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.0	43.8	83.8	
98	42.5	21.3	61.3	





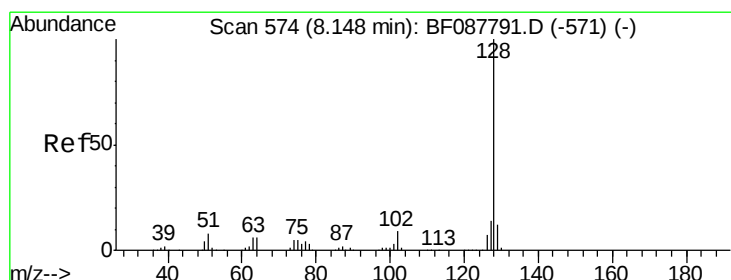
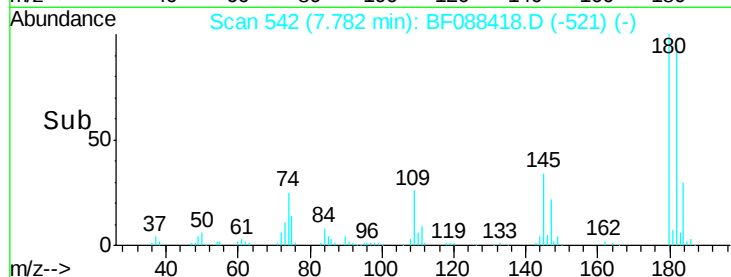
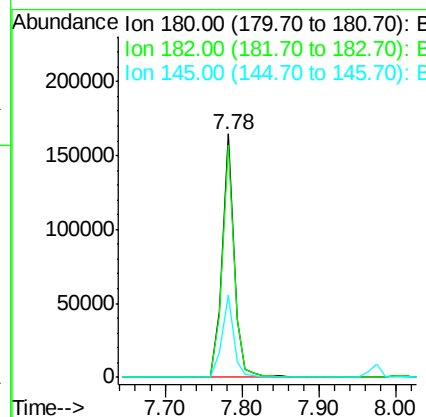
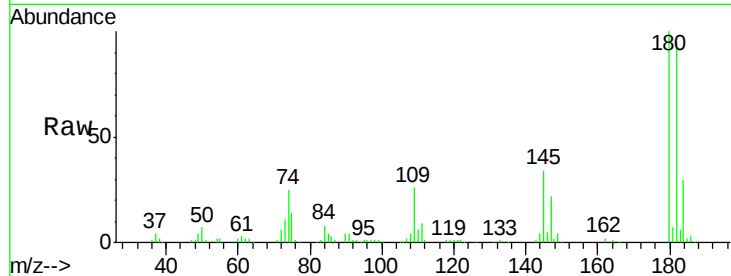
#30
1,2,4-Trichlorobenzene
Concen: 41.25 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	180203		
182	95.3	76.0	114.0	
145	34.0	26.5	39.7	

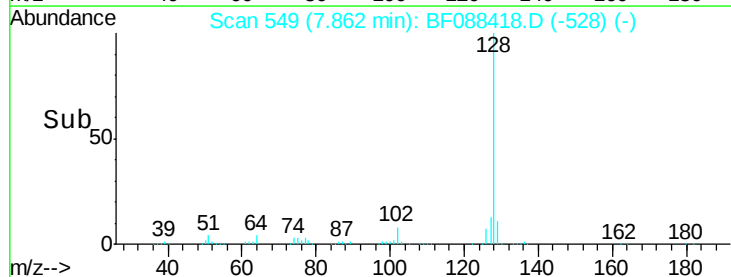
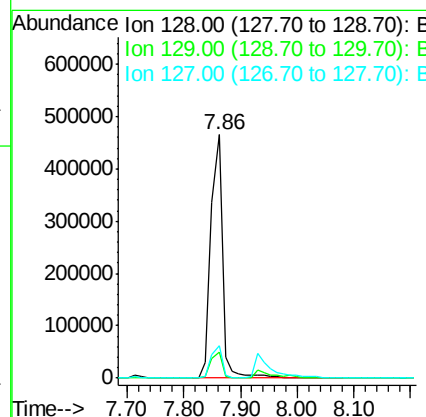
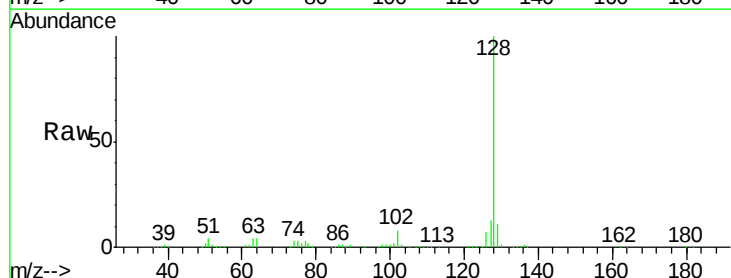
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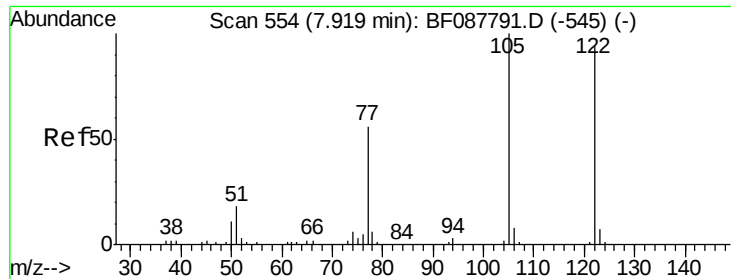
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#31
Naphthalene
Concen: 44.21 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	642427		
129	10.9	9.4	14.2	
127	13.2	10.9	16.3	





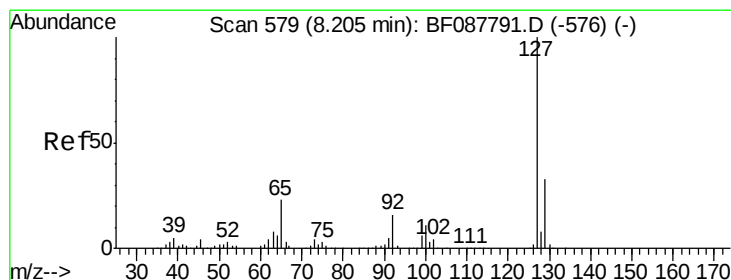
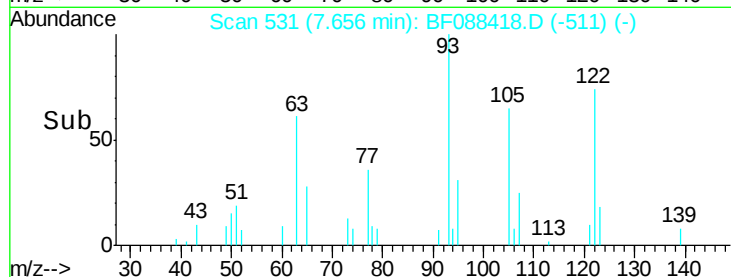
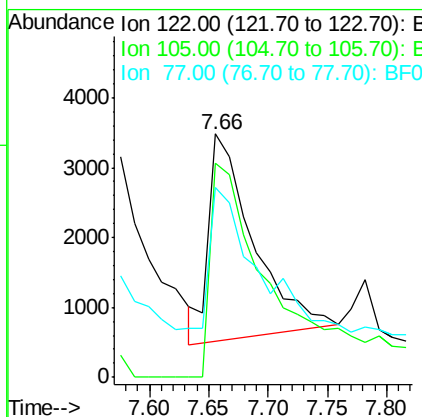
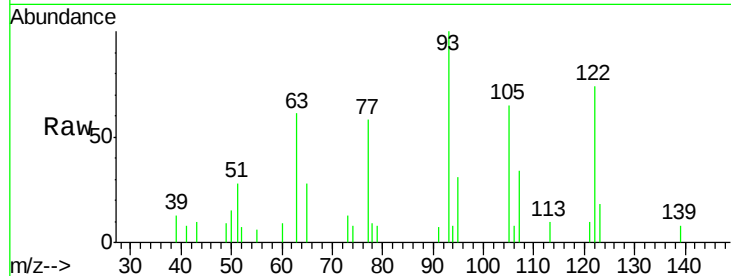
#32
Benzoic acid
Concen: 2.92 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
105	87.8	101.6	141.6#
77	78.0	70.6	110.6

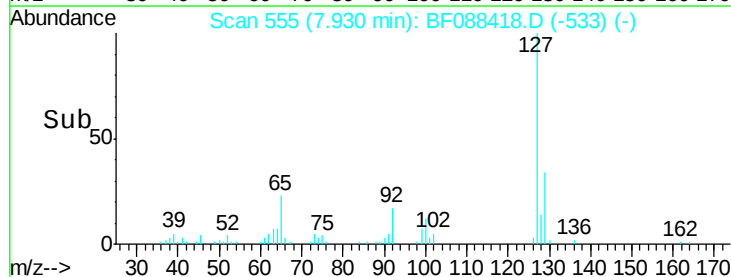
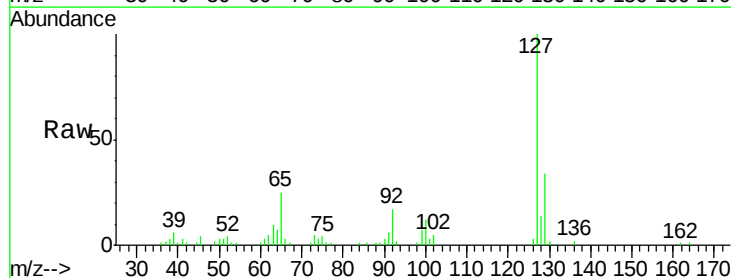
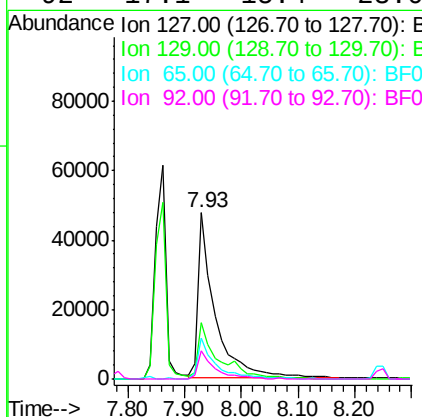
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#33
4-Chloroaniline
Concen: 14.83 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.3	39.5
65	24.6	24.7	37.1#
92	17.1	15.4	23.0





#34

Hexachlorobutadiene

Concen: 41.84 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

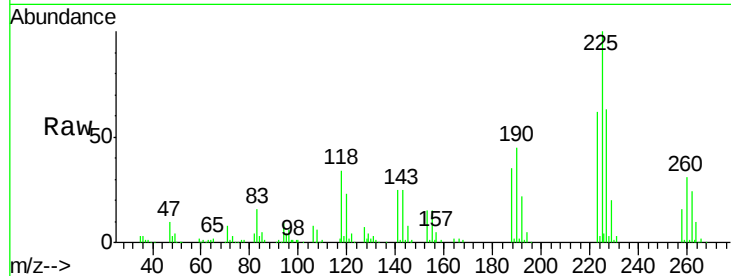
ClientSampleId :

SC-STA-1501(0-4)MSD

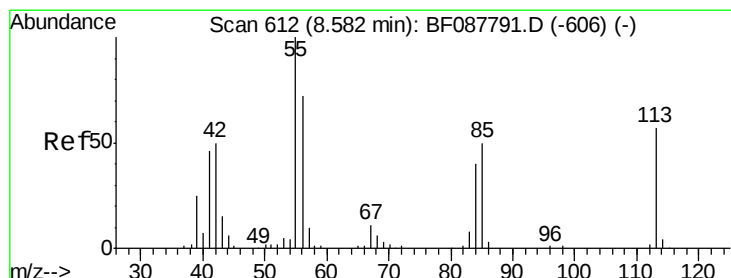
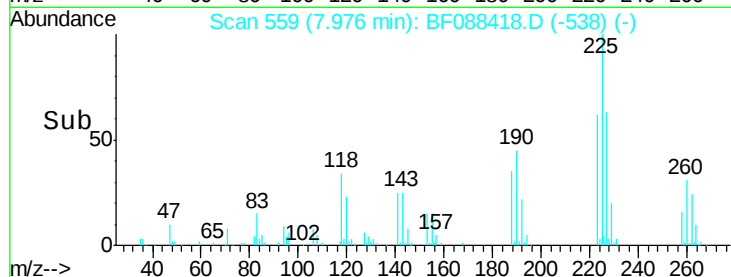
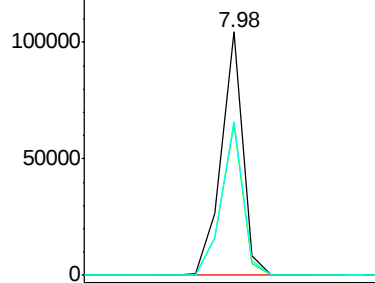
Tot Ion:	225	Resp:	96390
Ion Ratio	Lower	Upper	
225	100		
223	62.0	50.9	76.3
227	63.4	51.9	77.9

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



#35

Caprolactam

Concen: 45.46 ng m

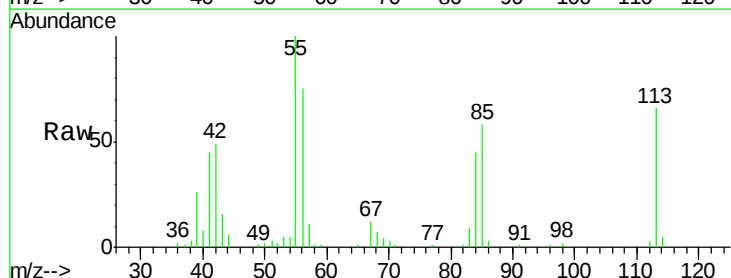
RT: 8.31 min Scan# 588

Delta R.T. -0.06 min

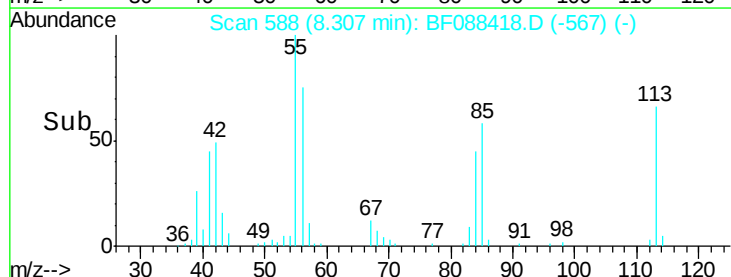
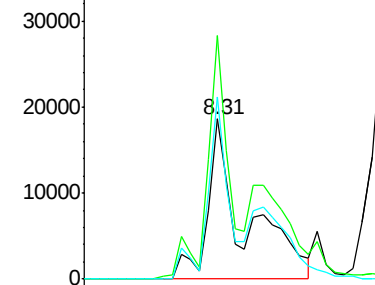
Lab File: BF088418.D

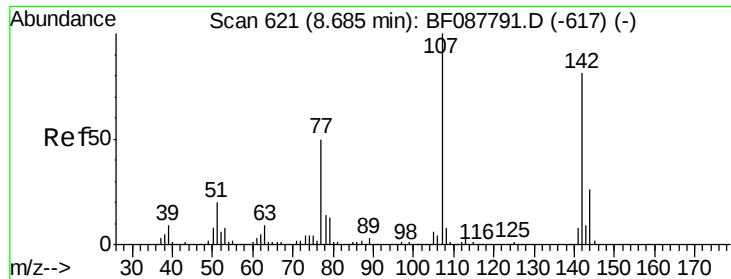
Acq: 26 Jun 2016 15:06

Tgt Ion:	113	Resp:	60411
Ion Ratio	Lower	Upper	
113	100		
55	152.4	158.6	198.6#
56	114.1	110.6	150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





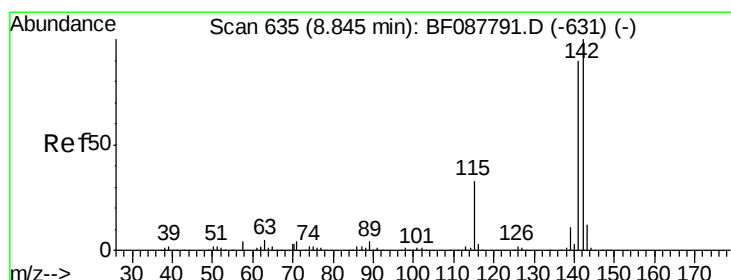
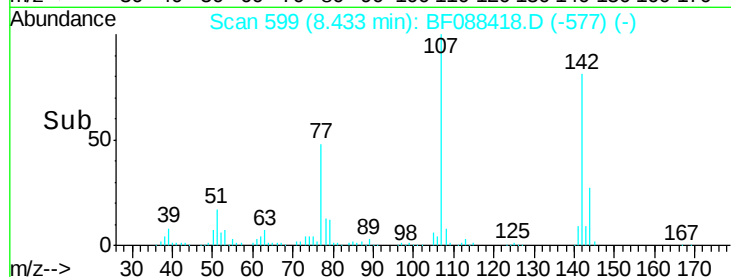
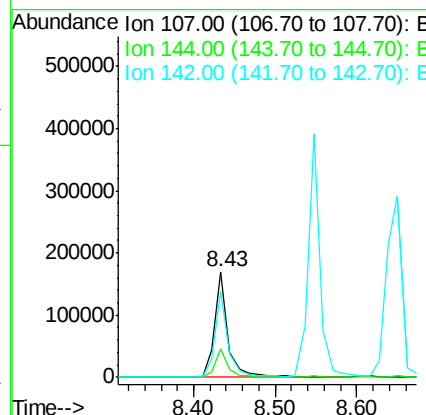
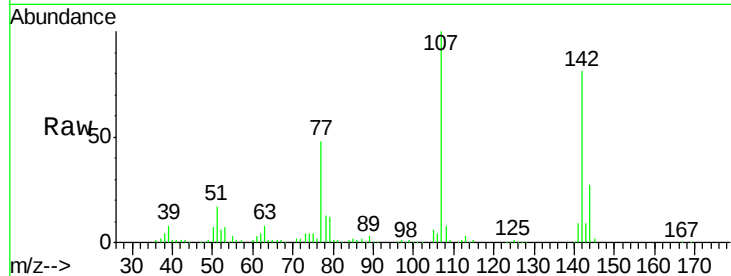
#36
 4-Chloro-3-methylphenol
 Concen: 46.40 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.05 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	199075		
144	26.6	20.8	31.2	
142	81.3	63.4	95.2	

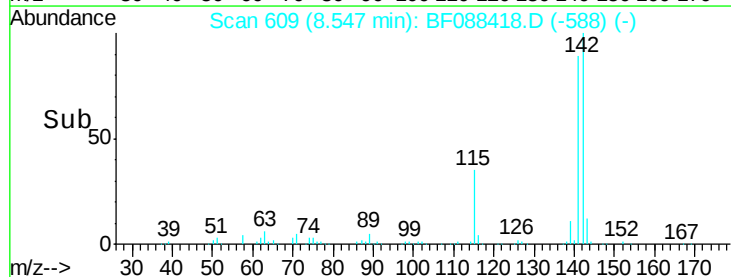
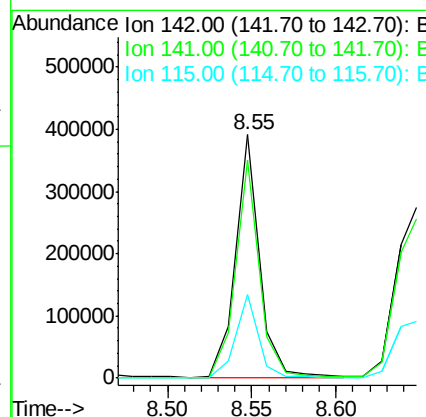
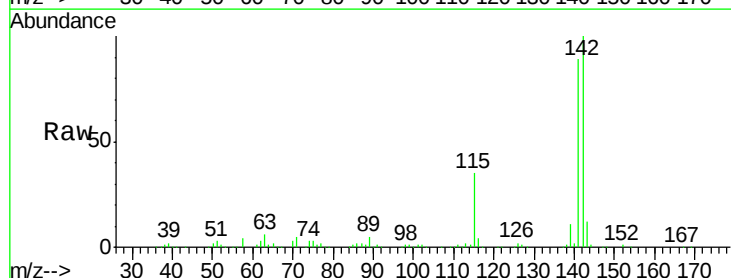
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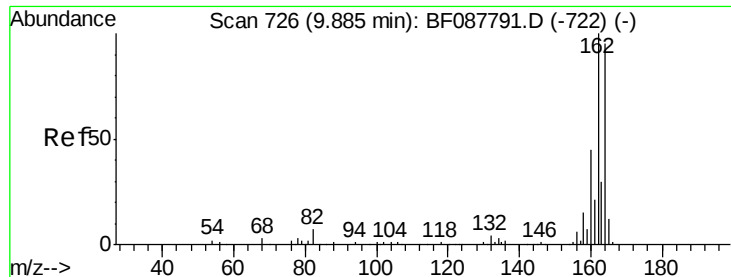
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#37
 2-Methylnaphthalene
 Concen: 41.25 ng m
 RT: 8.55 min Scan# 609
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	395148		
141	89.4	71.0	106.6	
115	34.5	22.6	33.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

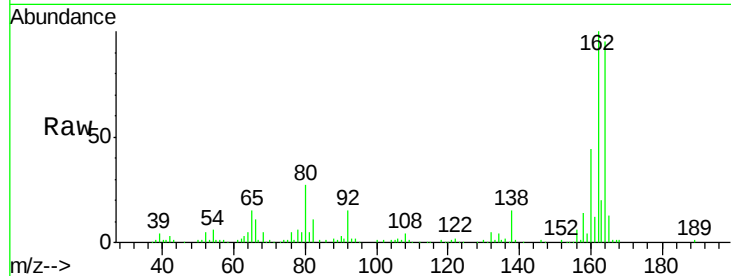
ClientSampleId :

SC-STA-1501(0-4)MSD

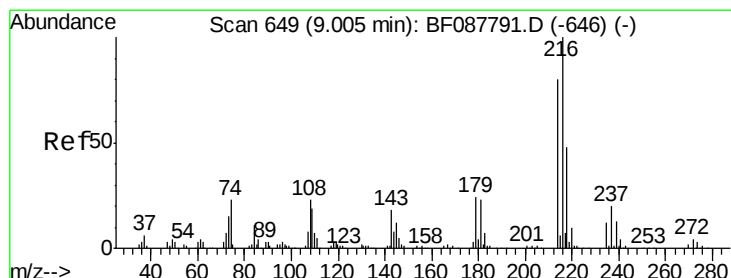
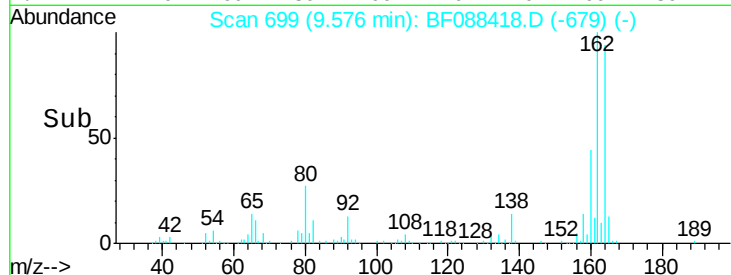
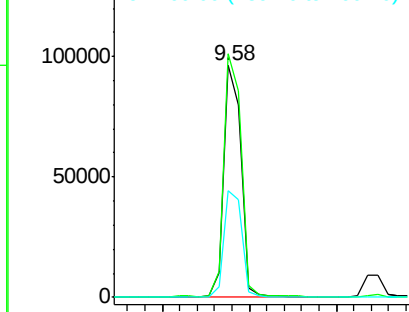
Tot Ion:	164	Resp:	133837
Ion Ratio	Lower	Upper	
164	100		
162	105.2	85.4	128.2
160	45.9	39.5	59.3

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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.06 ng

RT: 8.72 min Scan# 624

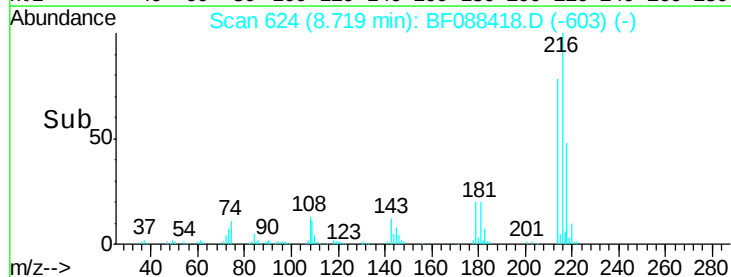
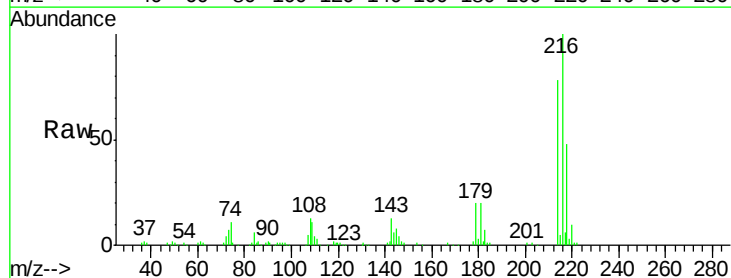
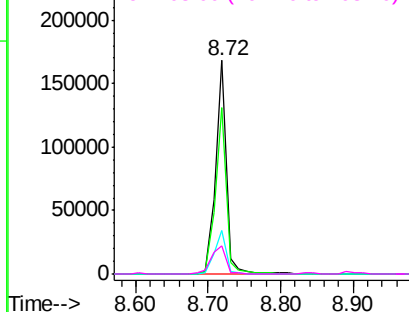
Delta R.T. -0.06 min

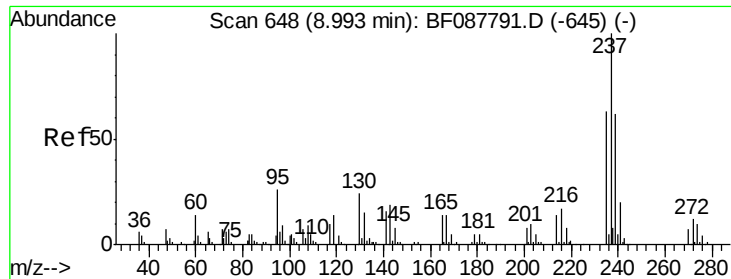
Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	216	Resp:	173657
Ion Ratio	Lower	Upper	
216	100		
214	78.5	2.9	4.3#
179	21.7	0.0	0.0#
108	18.9	0.5	0.7#

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





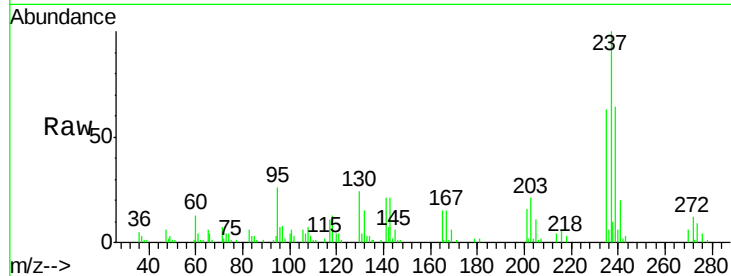
#40
Hexachlorocyclopentadiene
Concen: 17.95 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

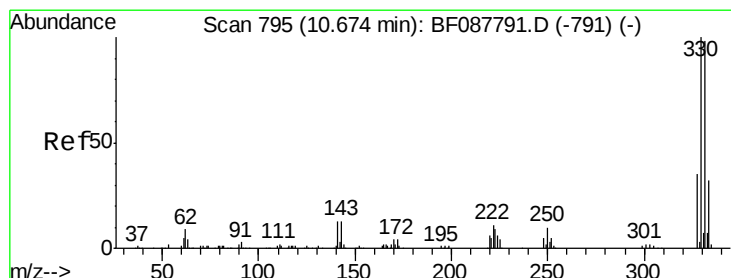
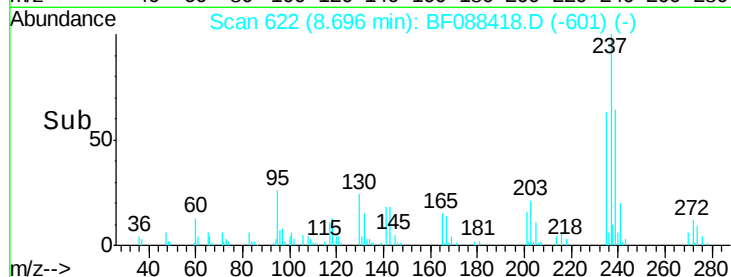
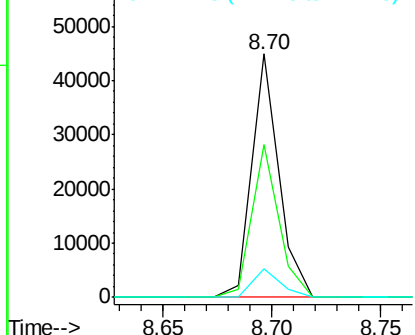
Tot Ion	Ratio	Resp	Lower	Upper
237	100	38754		
235	62.5	43.4	83.4	
272	11.9	0.0	32.3	

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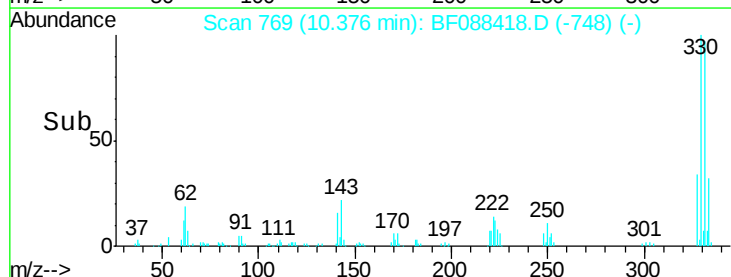
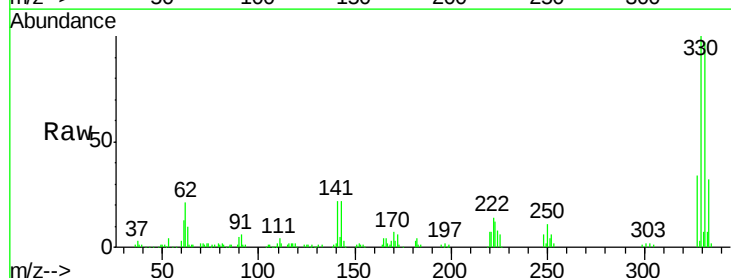
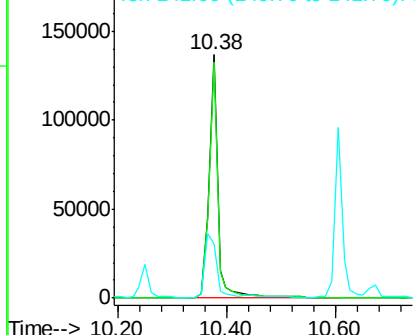
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41
2,4,6-Tribromophenol
Concen: 109.99 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	155437		
332	97.4	0.0	0.0#	
141	33.4	0.0	0.0#	

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





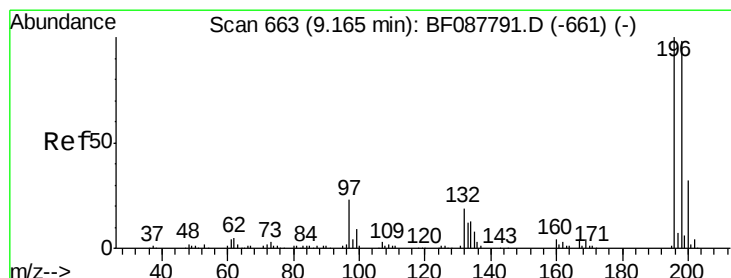
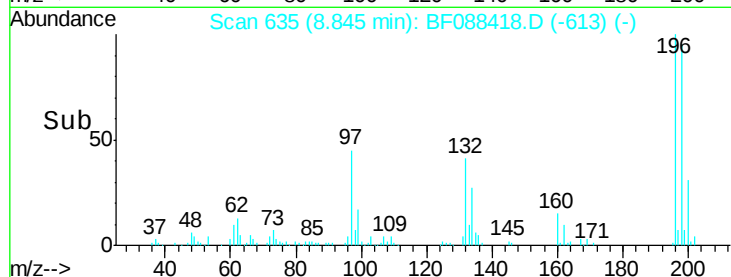
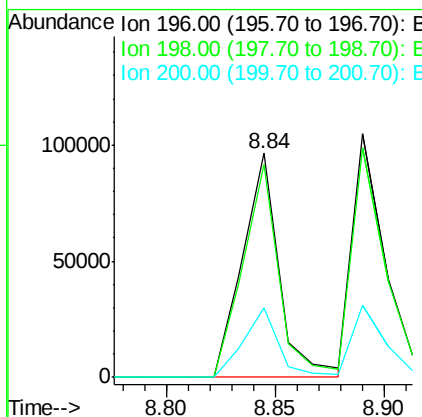
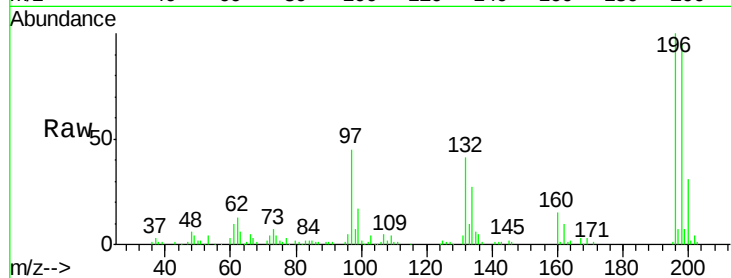
#42
 2,4,6-Trichlorophenol
 Concen: 42.13 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112751		
198	94.8	78.0	117.0	
200	31.0	25.4	38.2	

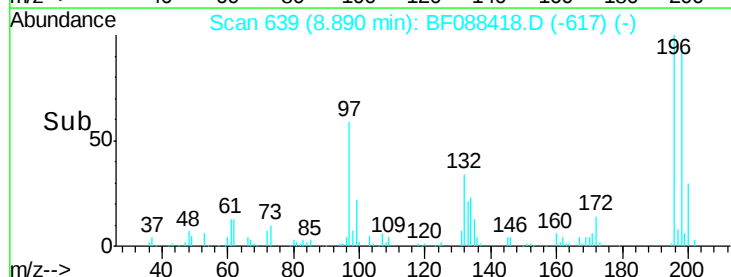
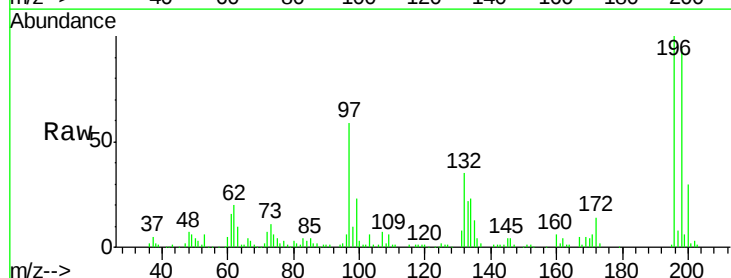
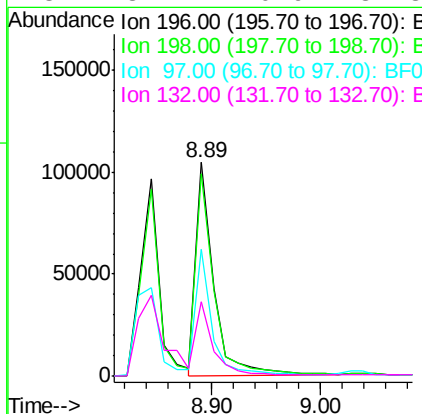
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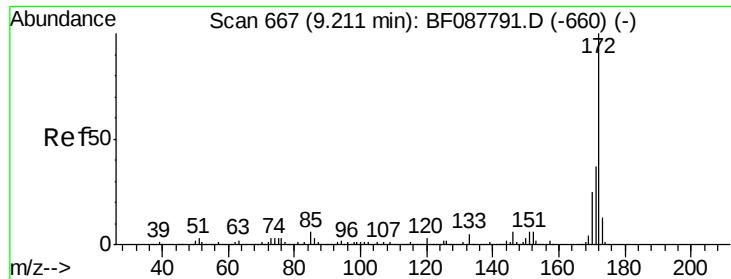
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#43
 2,4,5-Trichlorophenol
 Concen: 42.69 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	118880		
198	94.5	77.5	116.3	
97	59.3	32.0	48.0#	
132	34.7	20.9	31.3#	





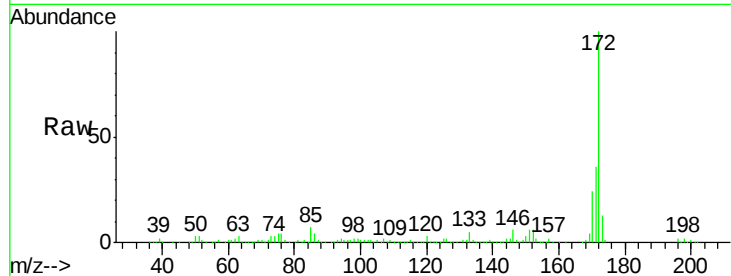
#44
2-Fluorobiphenyl
Concen: 68.71 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

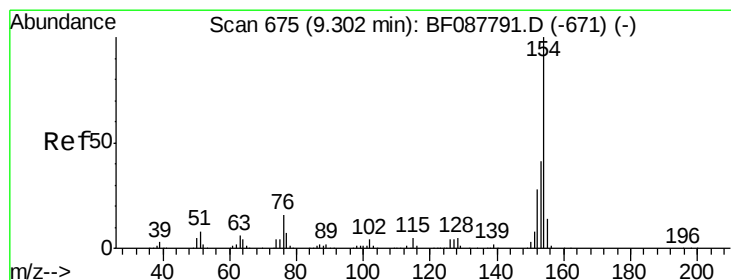
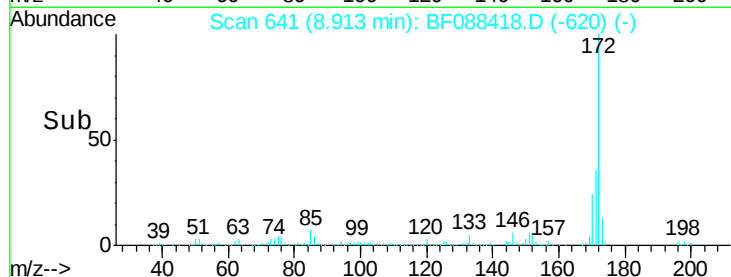
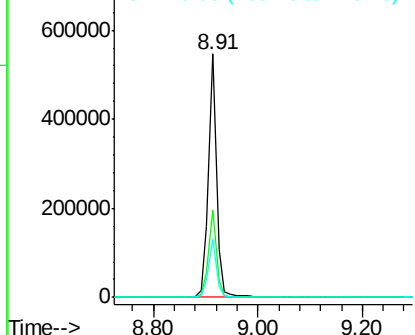
Tot Ion	Ratio	Resp	Lower	Upper
172	100	594411		
171	35.7	28.6	43.0	
170	23.7	19.2	28.8	

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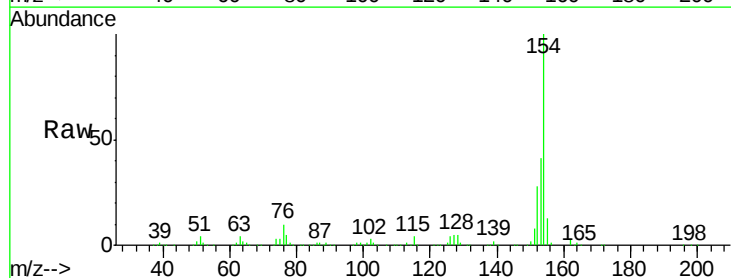


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

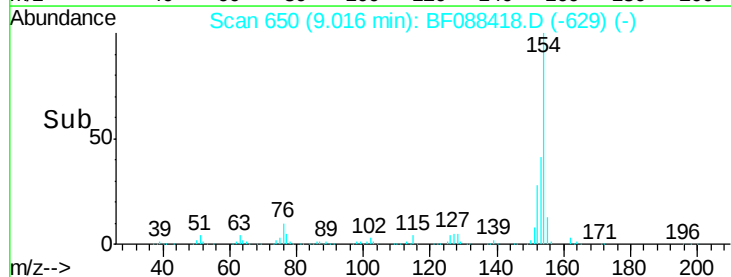
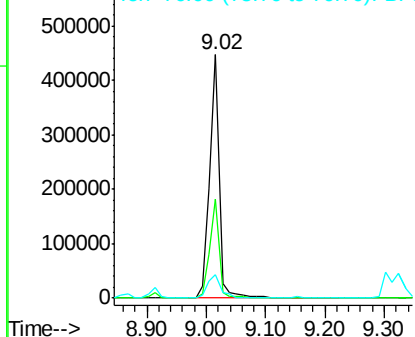


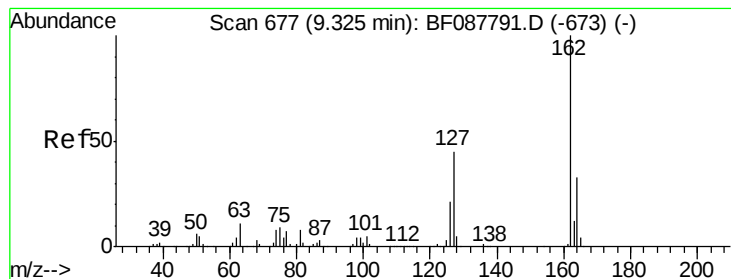
#45
1,1'-Biphenyl
Concen: 51.17 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	505530		
153	40.6	20.6	60.6	
76	9.5	0.0	35.1	



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





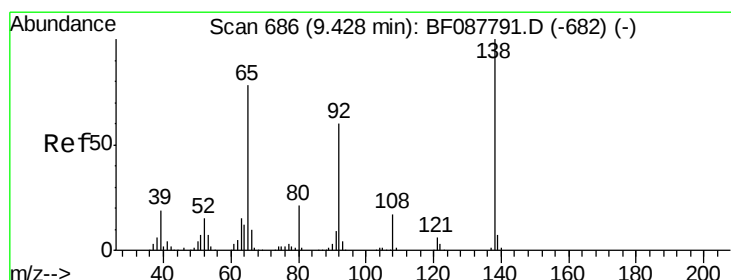
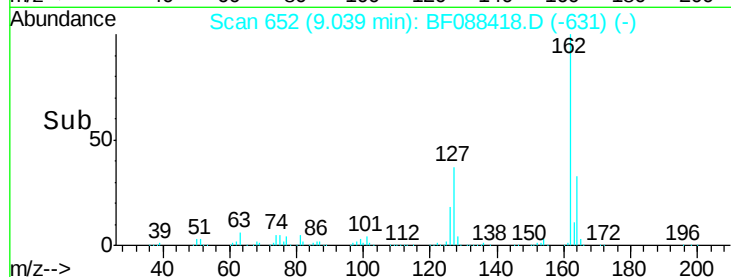
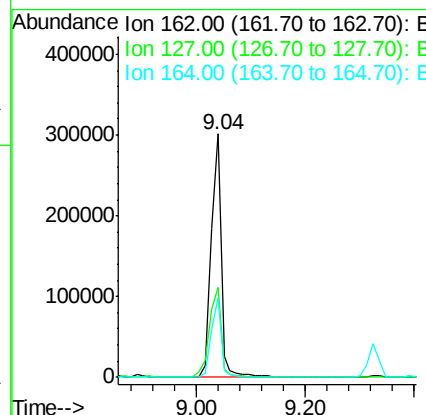
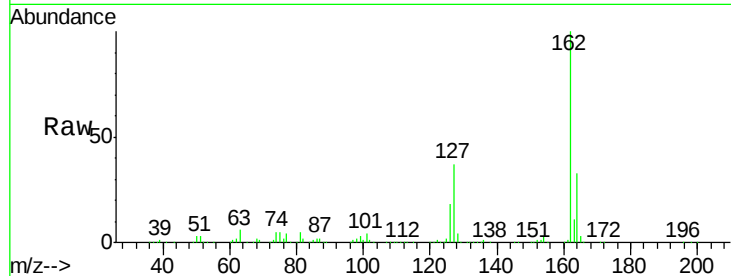
#46
2-Chloronaphthalene
Concen: 44.58 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	386112		
127	37.0	35.2	52.8	
164	32.8	26.6	39.8	

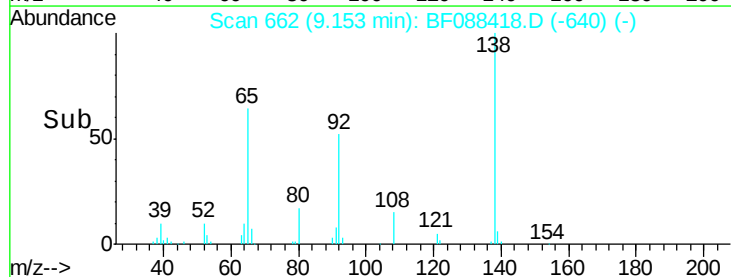
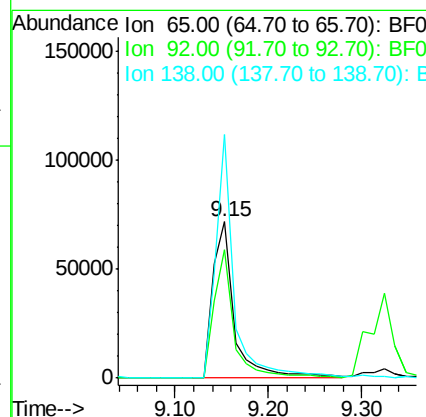
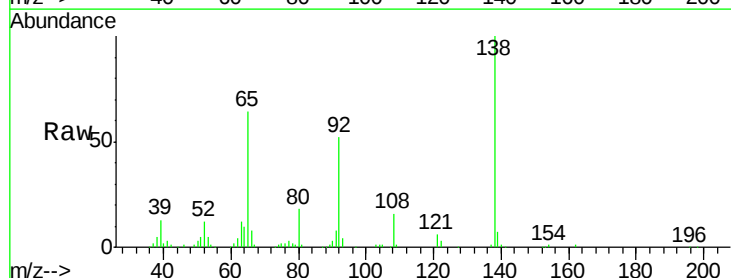
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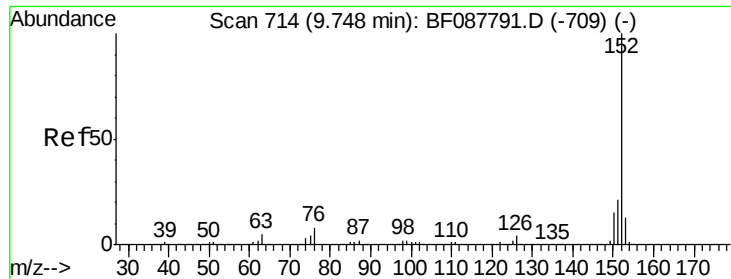
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#47
2-Nitroaniline
Concen: 45.26 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	115622		
92	81.9	54.6	82.0	
138	156.0	77.0	115.4	





#48

Acenaphthylene

Concen: 43.72 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

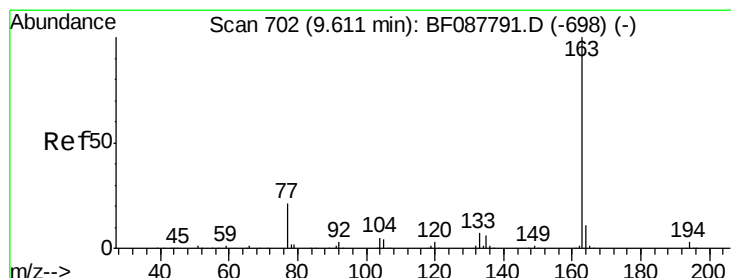
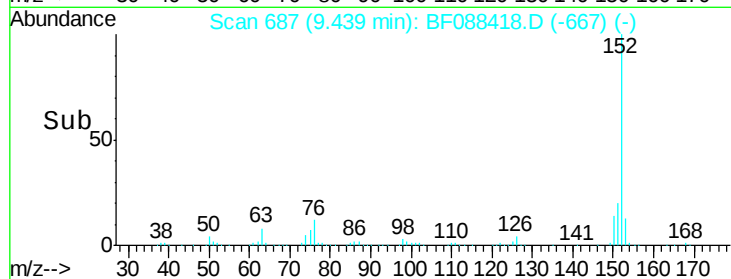
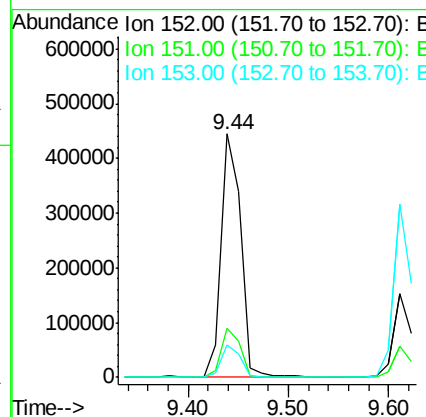
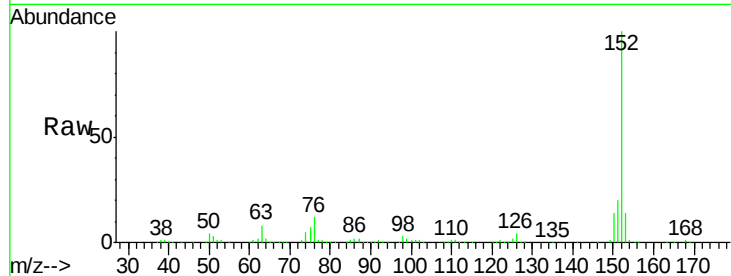
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:	152	Resp:	602240
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	13.6	11.0	16.6

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#49

Dimethylphthalate

Concen: 58.50 ng

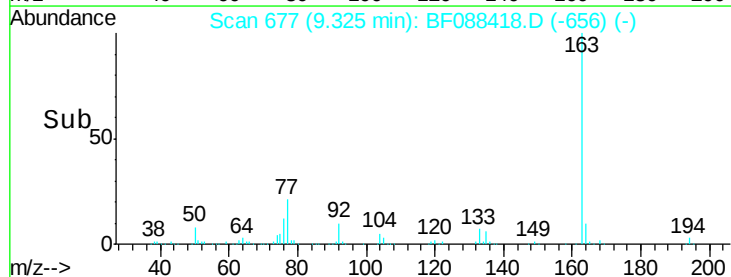
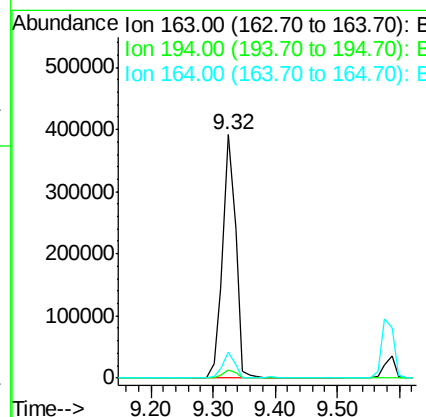
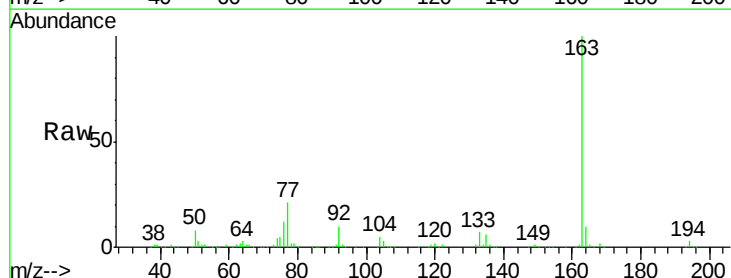
RT: 9.32 min Scan# 677

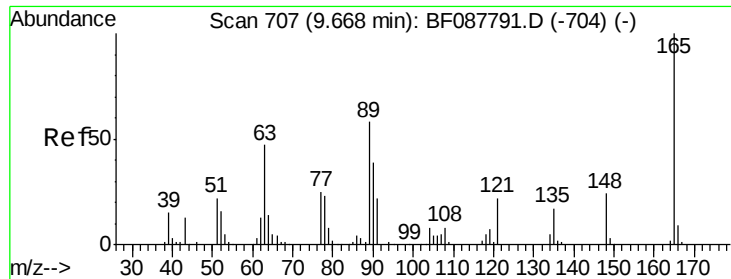
Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	163	Resp:	567132
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.8	4.2
164	10.5	8.3	12.5





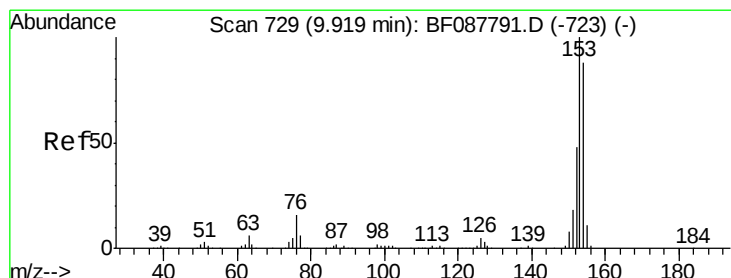
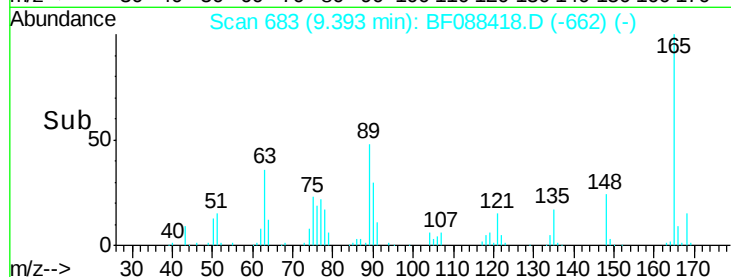
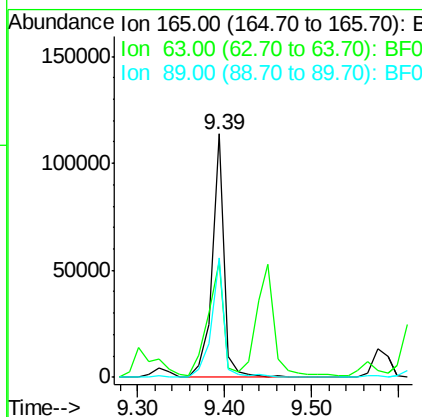
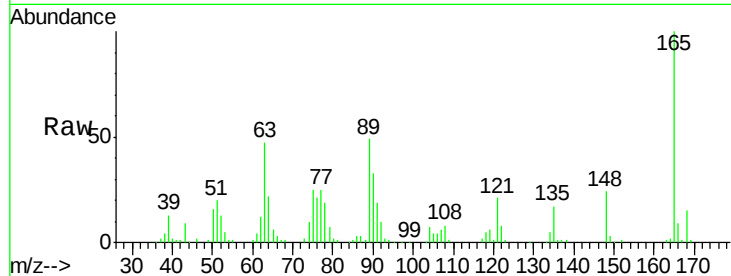
#50
2,6-Dinitrotoluene
Concen: 49.71 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.4	28.1	42.1#	
89	49.1	32.2	48.2#	

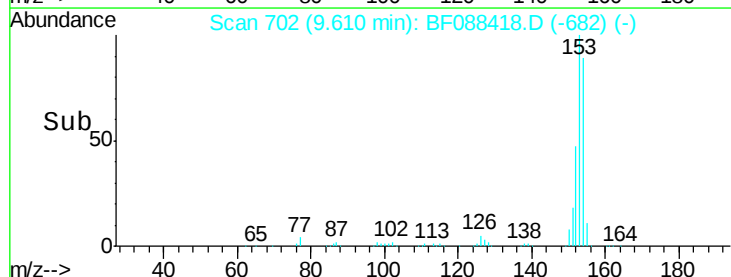
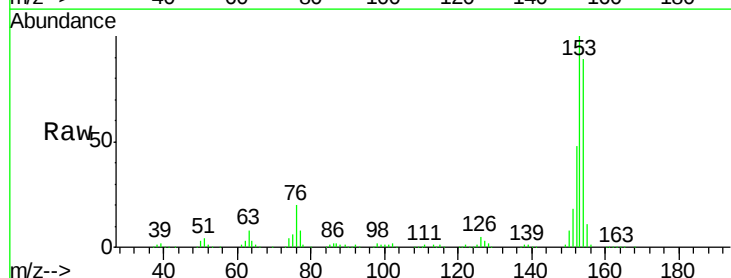
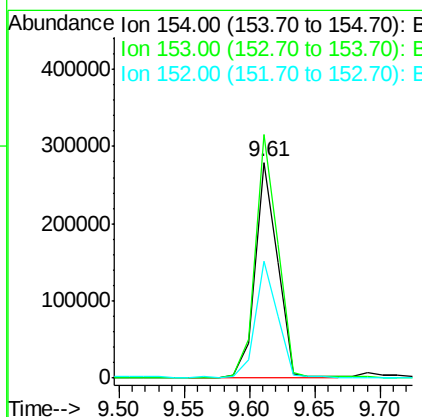
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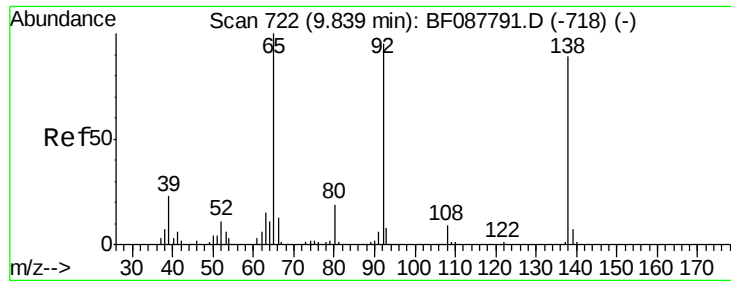
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#51
Acenaphthene
Concen: 39.03 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.8	89.5	134.3	
152	54.3	42.7	64.1	





#52

3-Nitroaniline

Concen: 25.48 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

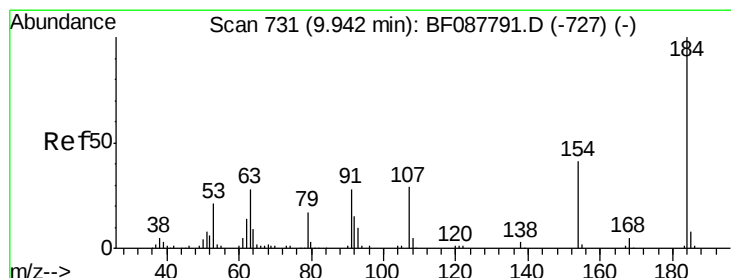
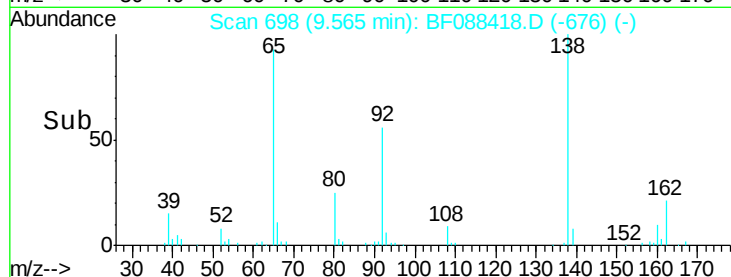
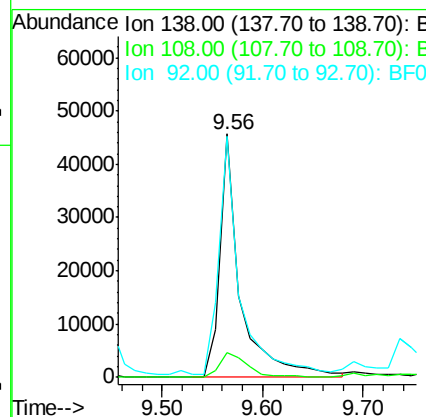
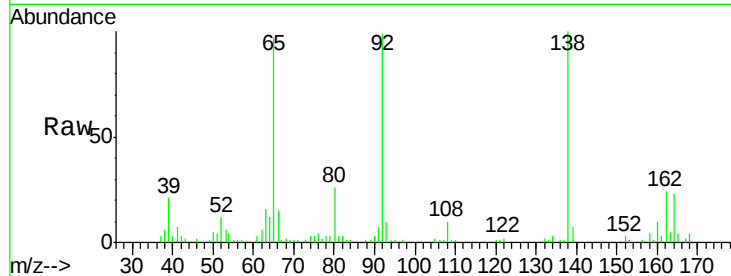
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:138	Resp:	65271
Ion Ratio	Lower	Upper
138	100	
108	10.0	8.5 12.7
92	99.1	95.7 143.5

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#53

2,4-Dinitrophenol

Concen: 20.14 ng

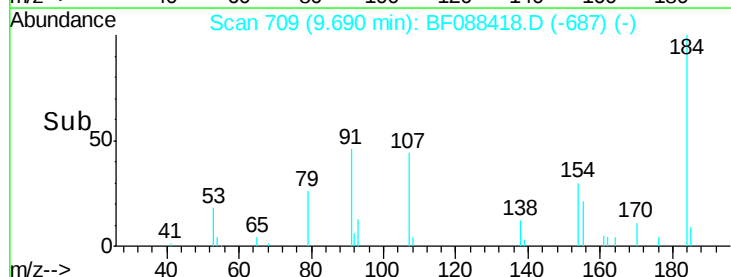
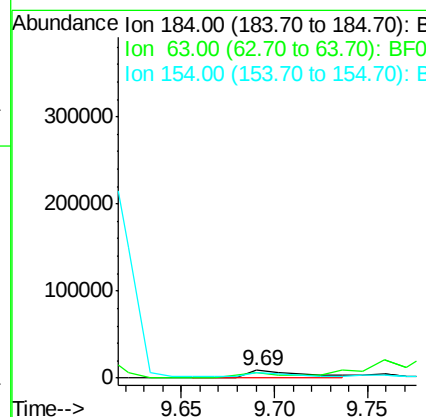
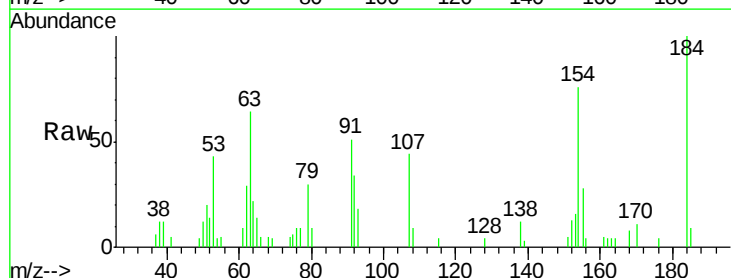
RT: 9.69 min Scan# 709

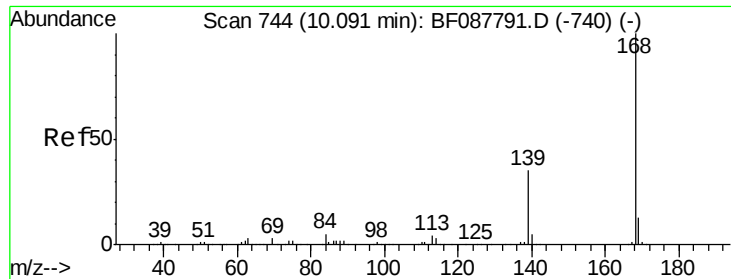
Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:184	Resp:	18011
Ion Ratio	Lower	Upper
184	100	
63	64.2	57.6 86.4
154	76.1	53.5 80.3





#54

Dibenzofuran

Concen: 42.94 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

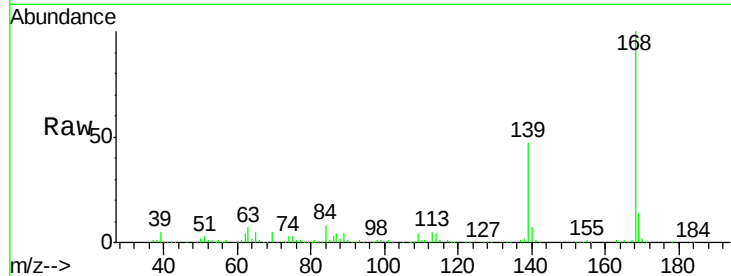
ClientSampleId :

SC-STA-1501(0-4)MSD

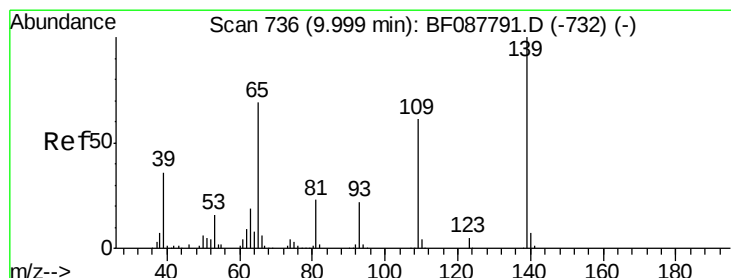
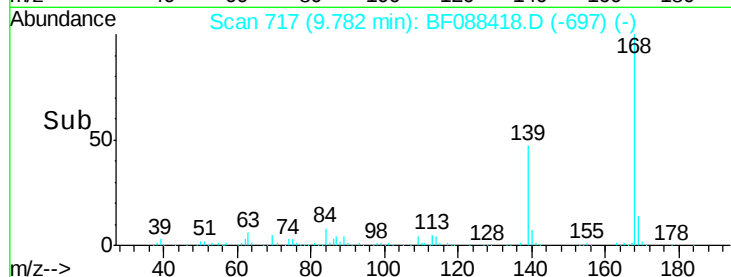
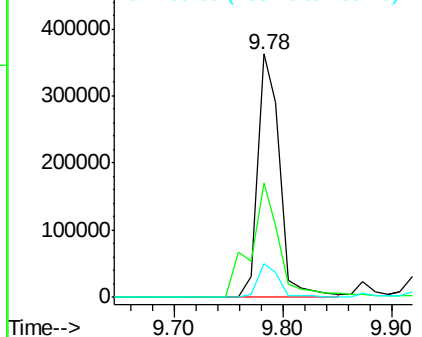
Tot Ion:168	Resp:	508199
Ion Ratio	Lower	Upper
168	100	
139	46.9	26.4 39.6#
169	13.9	10.4 15.6

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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: 42.34 ng m

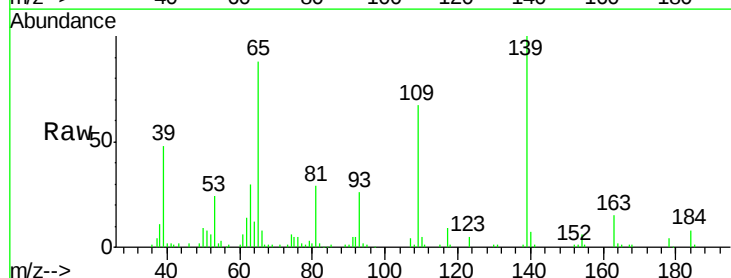
RT: 9.76 min Scan# 715

Delta R.T. -0.05 min

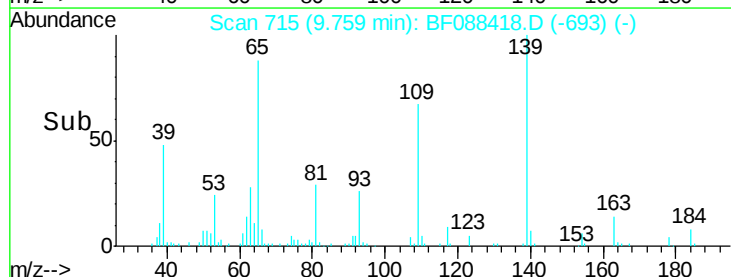
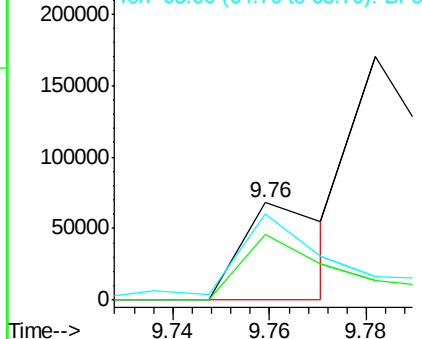
Lab File: BF088418.D

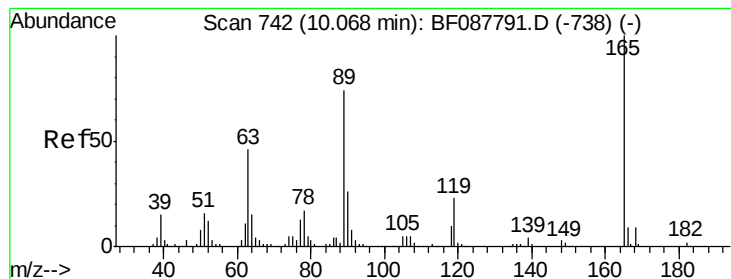
Acq: 26 Jun 2016 15:06

Tgt Ion:139	Resp:	84202
Ion Ratio	Lower	Upper
139	100	
109	67.2	48.9 88.9
65	88.1	84.9 124.9



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





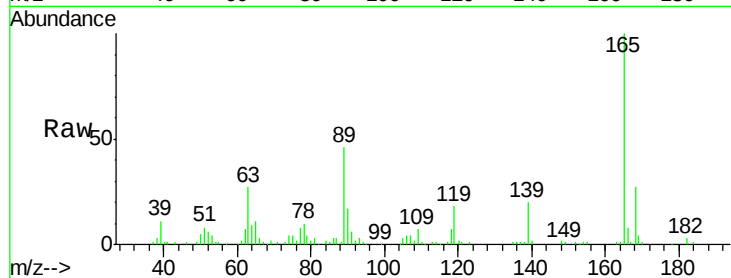
#56
2,4-Dinitrotoluene
Concen: 48.24 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		137636		
63	26.7	22.0	33.0		
89	46.3	41.1	61.7		
182	2.8	2.0	3.0		

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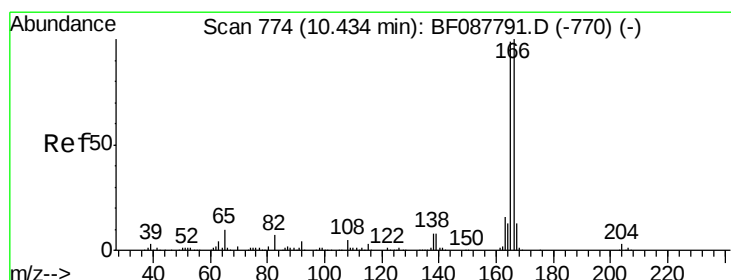
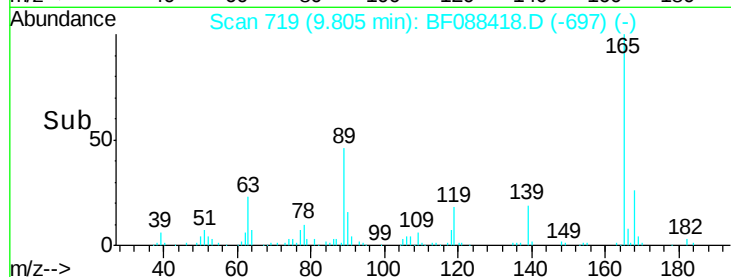
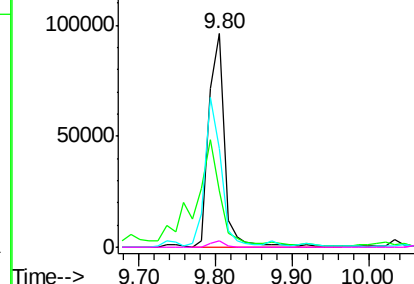


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



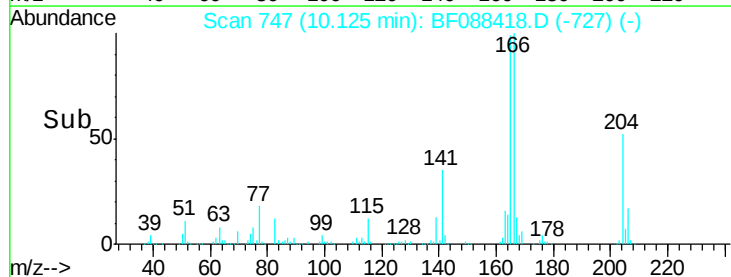
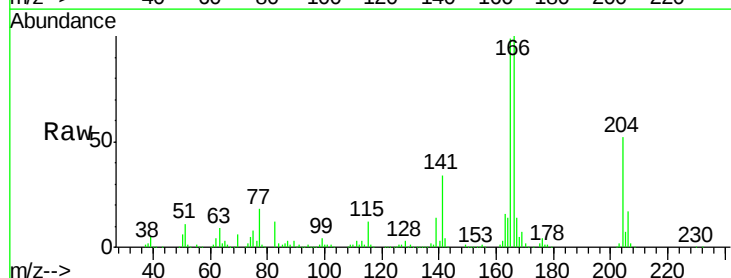
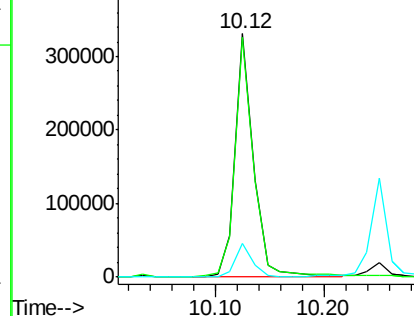
#57
Fluorene
Concen: 48.07 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		381807		
165	98.6	77.8	116.8		
167	13.6	11.2	16.8		

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





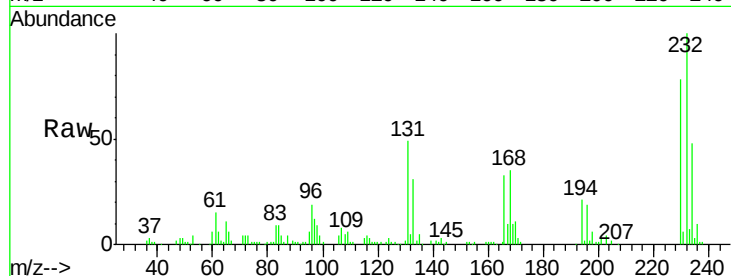
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.63 ng
 RT: 9.92 min Scan# 729
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	46.8	0.9	1.3#
130	2.1	1.5	2.3
166	29.5	0.5	0.7#

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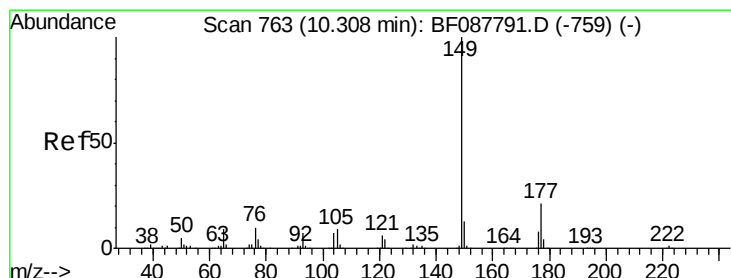
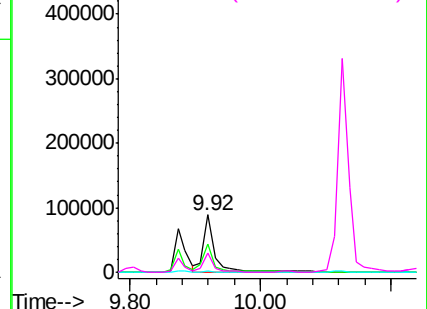
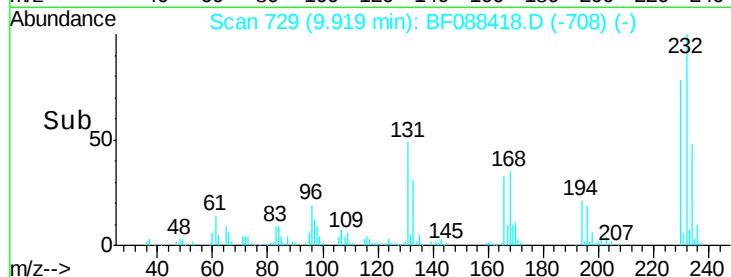
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

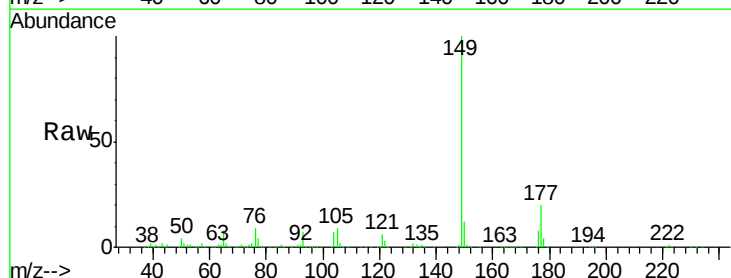
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 47.44 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.4	16.9	25.3
150	12.4	10.1	15.1

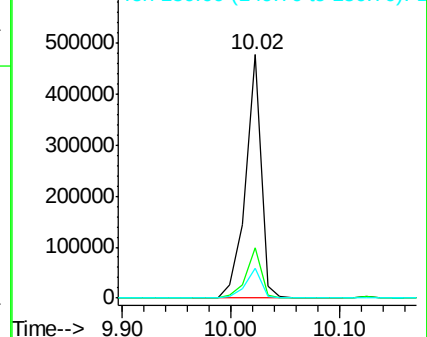
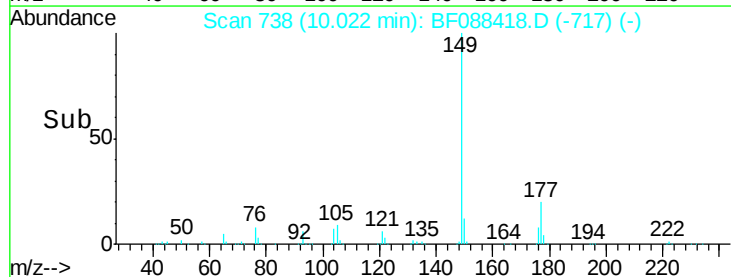


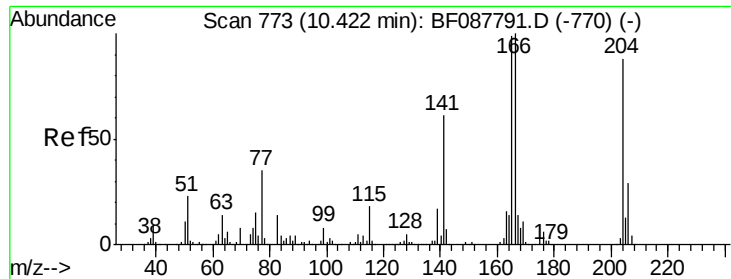
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





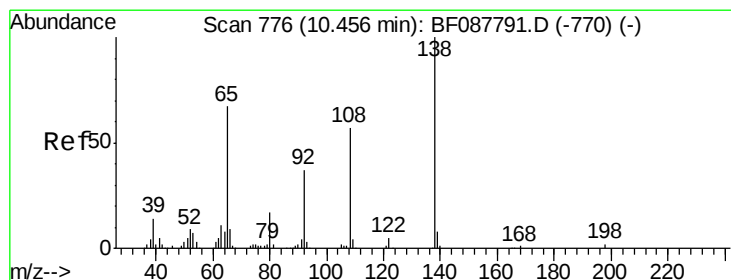
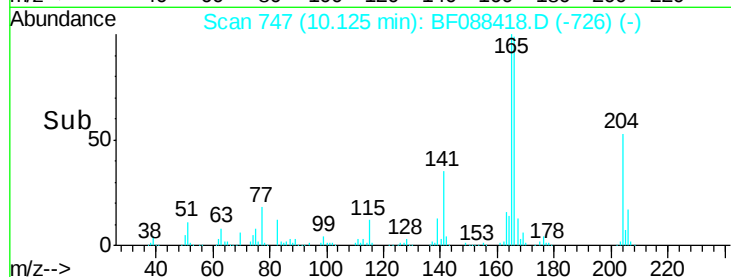
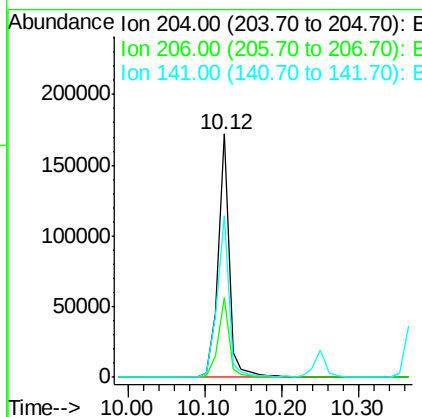
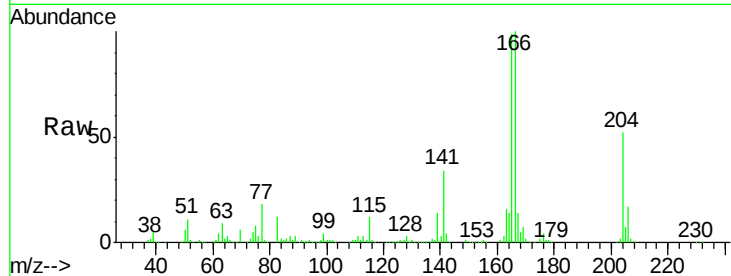
#60
4-Chlorophenyl-phenylether
Concen: 44.03 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	66.3	55.0	82.6

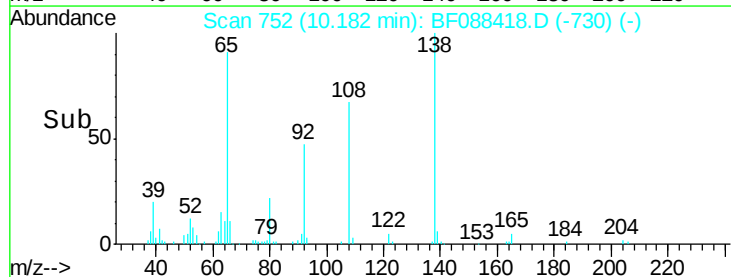
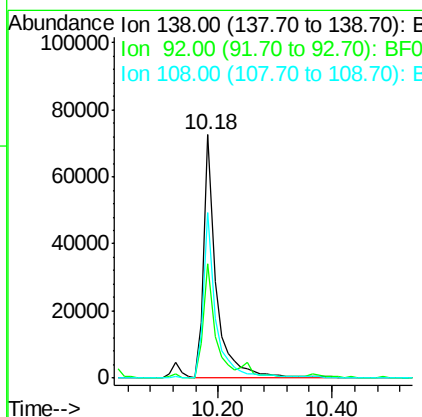
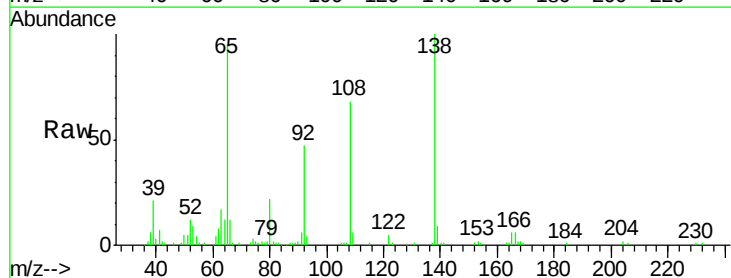
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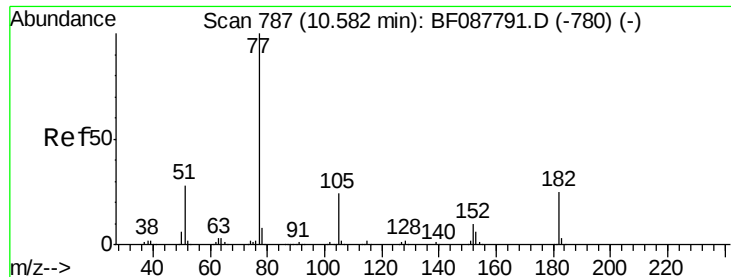
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#61
4-Nitroaniline
Concen: 44.76 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	27.3	67.3
108	68.0	46.7	86.7





#62

Azobenzene

Concen: 40.18 ng/mL

RT: 10.28 min Scan# 761

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

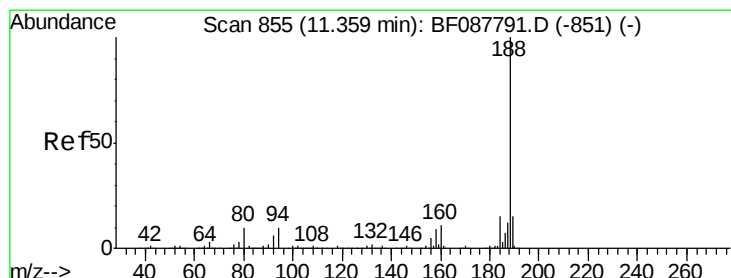
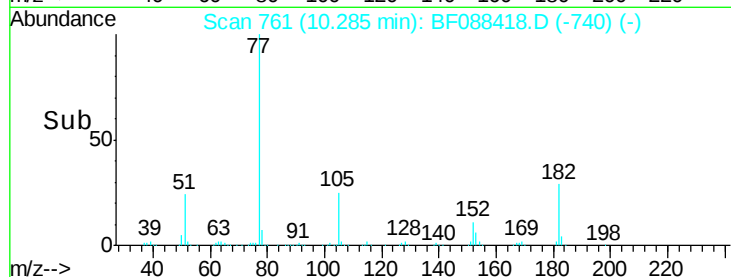
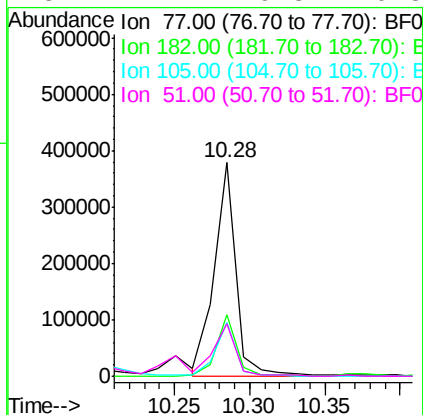
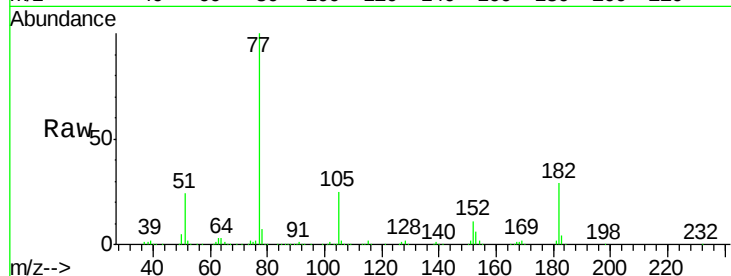
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	389900		
182	28.8	4.4	44.4	
105	25.0	3.8	43.8	
51	24.4	9.3	49.3	

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#63

Phenanthrene-d10

Concen: 20.00 ng/mL

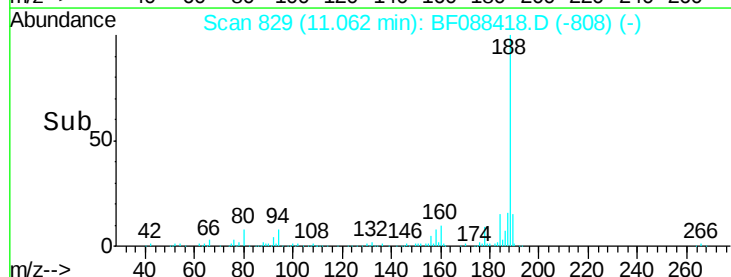
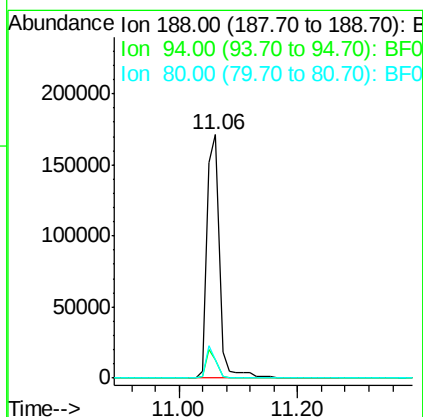
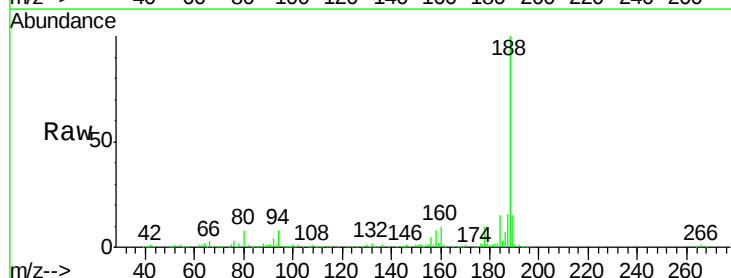
RT: 11.06 min Scan# 829

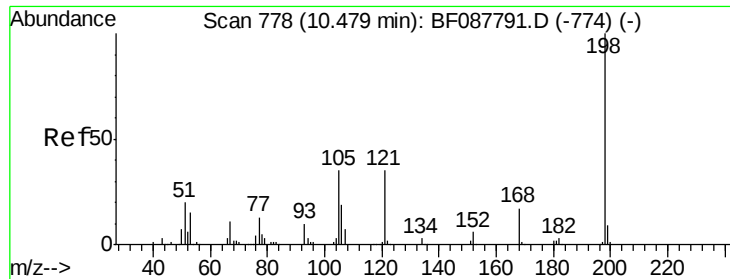
Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	253143		
94	7.6	9.0	13.6#	
80	7.7	10.0	15.0#	





#64

4,6-Dinitro-2-methylphenol

Concen: 34.16 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:198 Resp: 52954

Ion Ratio Lower Upper

198 100

51 28.7 39.6 79.6#

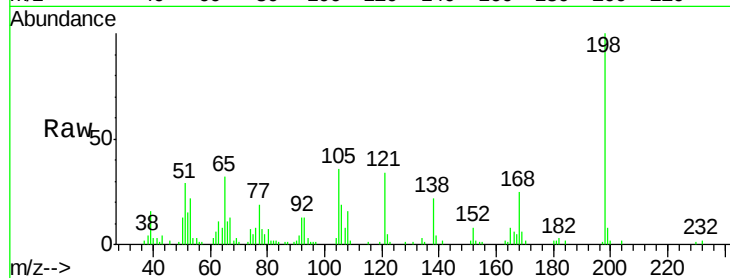
105 36.2 36.6 76.6#

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

60000

40000

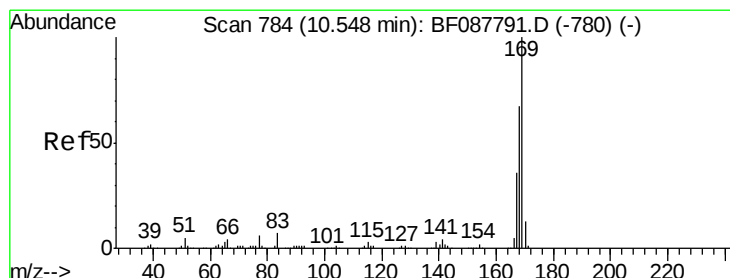
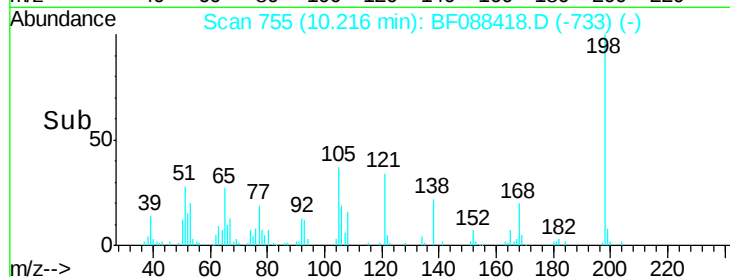
20000

0

10.20

10.30

Time-->



#65

n-Nitrosodiphenylamine

Concen: 44.90 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

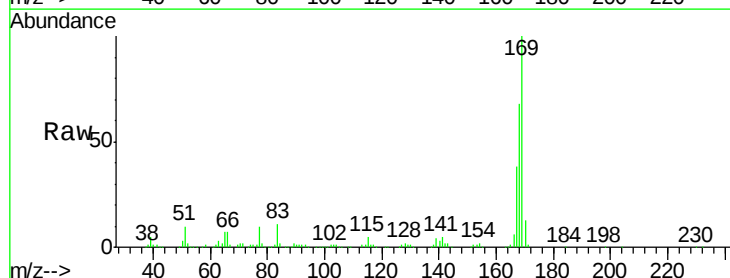
Tgt Ion:169 Resp: 377112

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

167 37.6 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

500000

400000

300000

200000

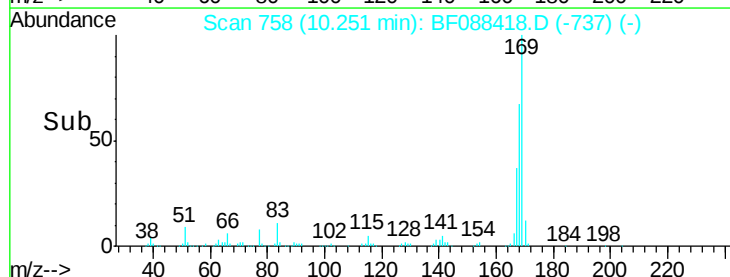
100000

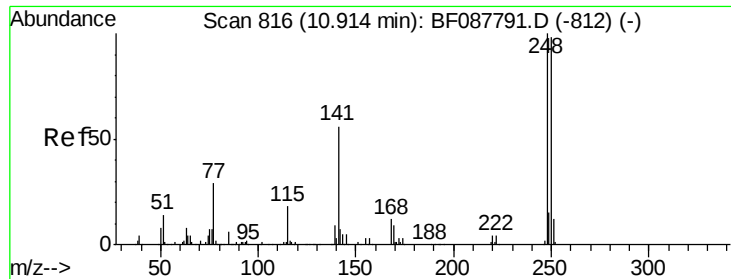
0

10.20

10.30

Time-->





#66

4-Bromophenyl-phenylether

Concen: 40.78 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

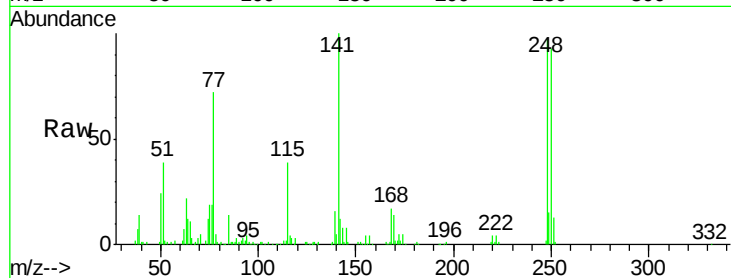
ClientSampleId :

SC-STA-1501(0-4)MSD

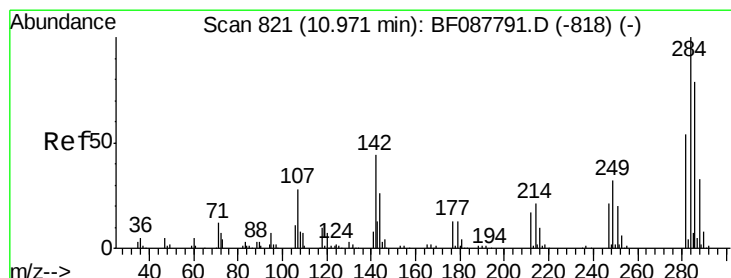
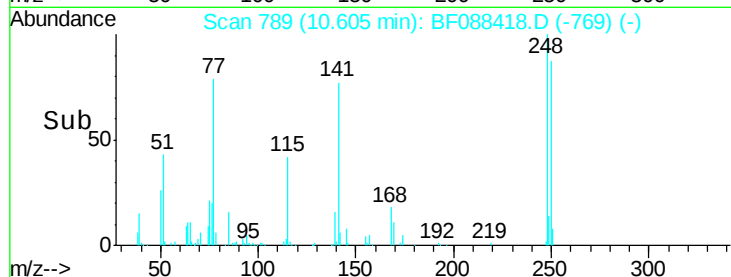
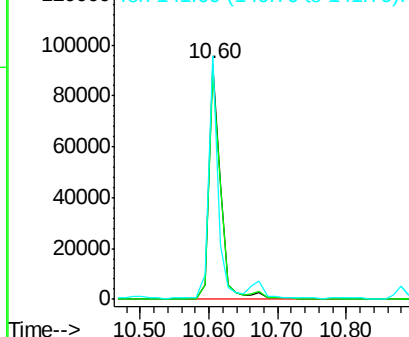
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.1	115.7
141	103.6	50.6	76.0

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



#67

Hexachlorobenzene

Concen: 41.48 ng

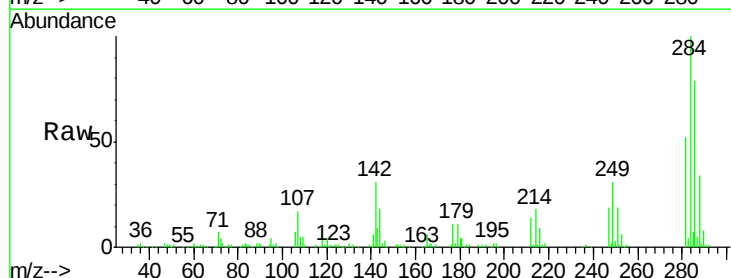
RT: 10.67 min Scan# 795

Delta R.T. -0.06 min

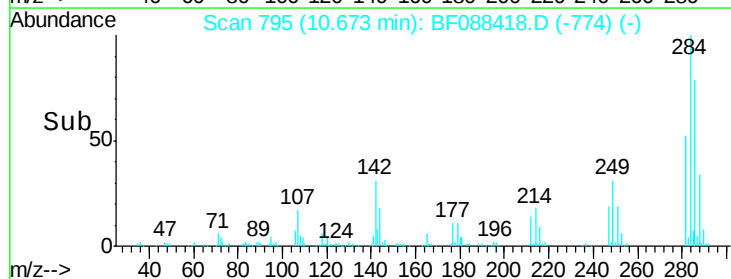
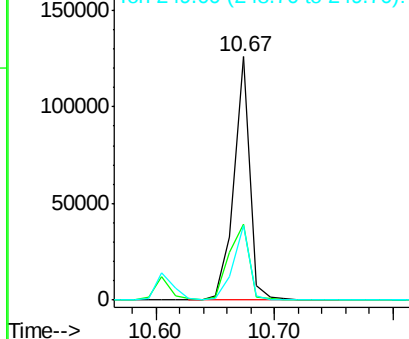
Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	35.8	53.8
249	30.6	25.8	38.6



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





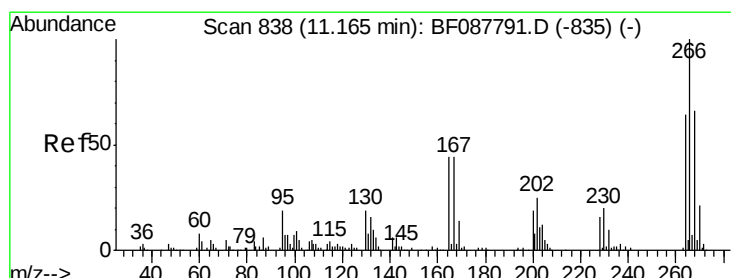
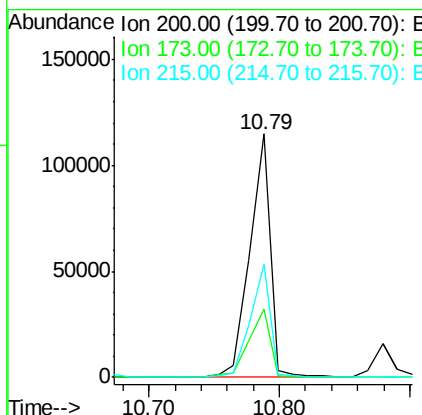
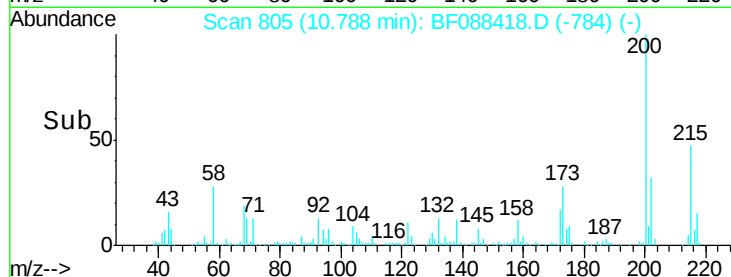
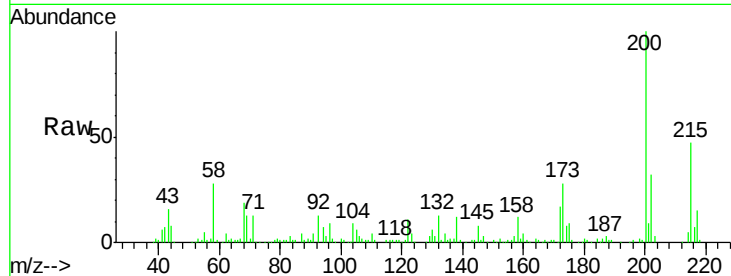
#68
Atrazine
Concen: 49.38 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	4.0	44.0
215	46.6	29.3	69.3

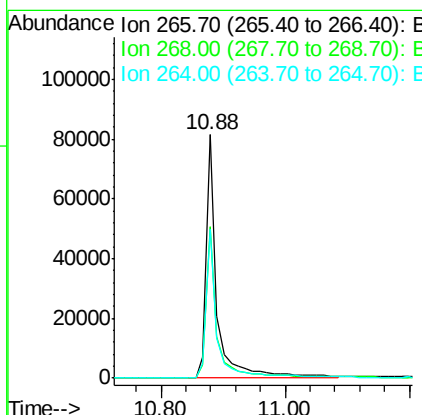
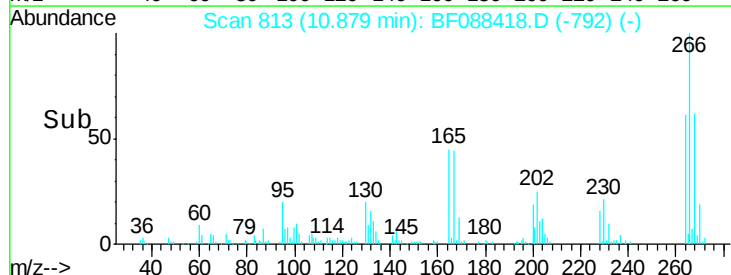
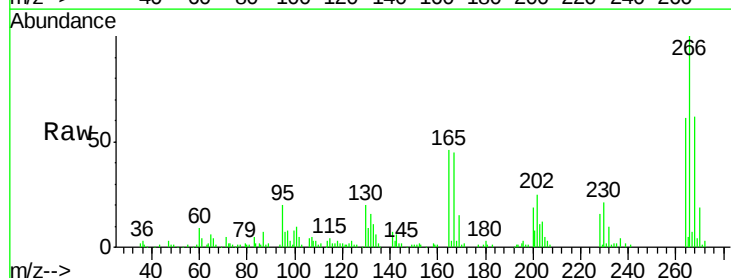
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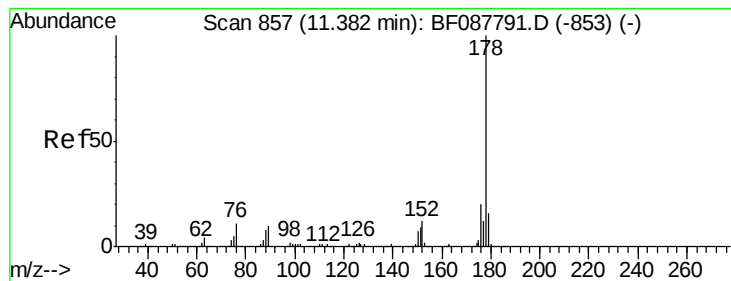
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#69
Pentachlorophenol
Concen: 67.38 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.0	52.8	79.2
264	61.4	49.6	74.4





#70

Phenanthrene

Concen: 50.81 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

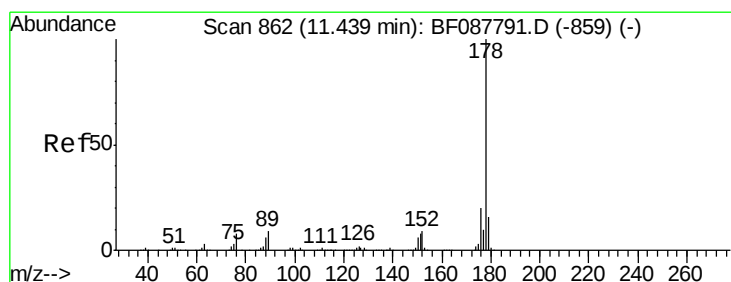
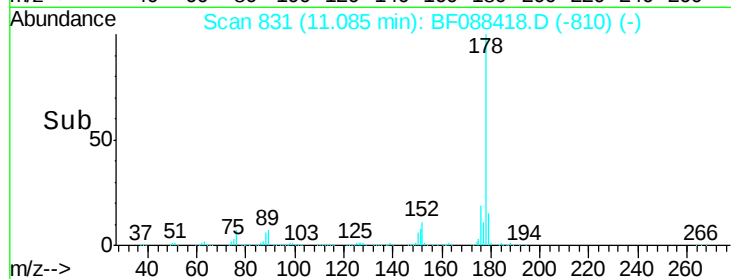
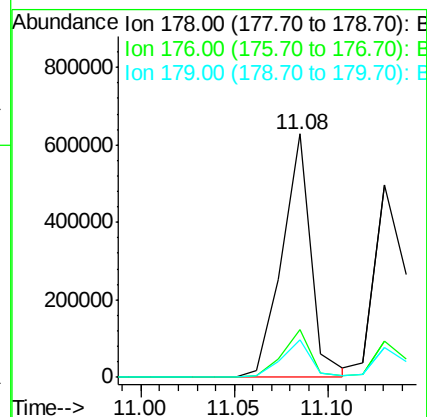
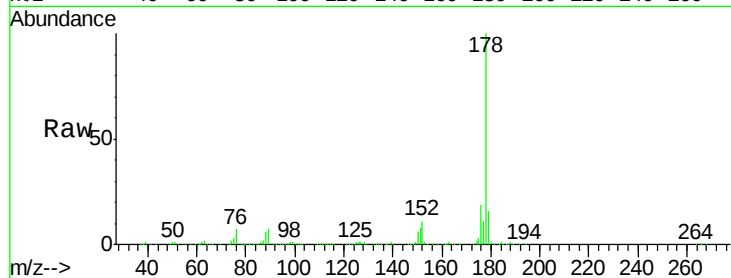
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:178	Resp:	674893
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.8 23.6
179	15.6	13.0 19.4

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#71

Anthracene

Concen: 46.86 ng

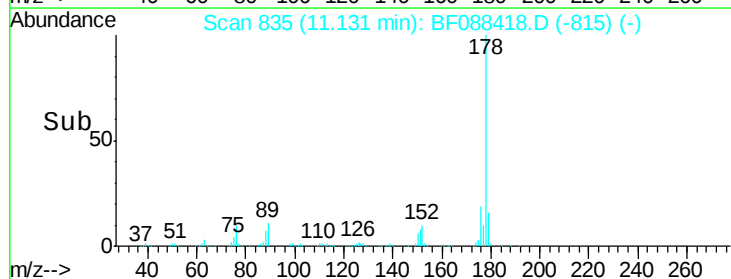
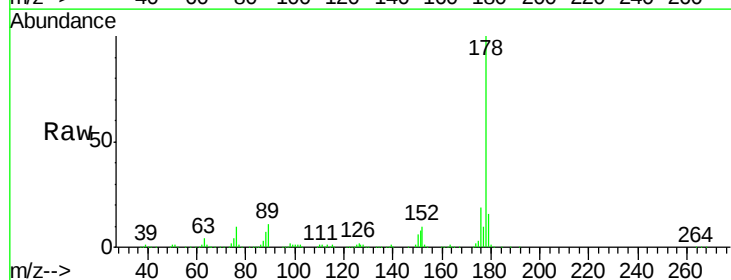
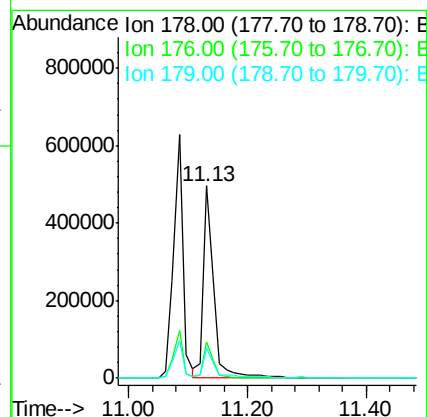
RT: 11.13 min Scan# 835

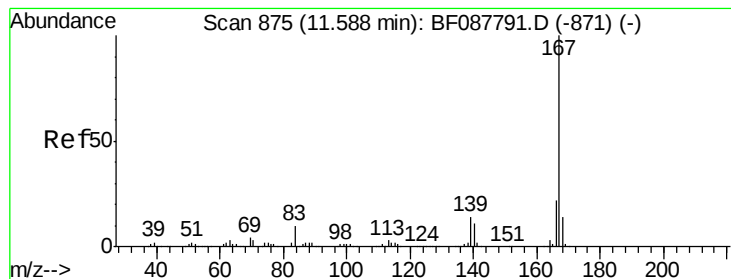
Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:178	Resp:	627902
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.6 23.4
179	15.9	12.8 19.2





#72

Carbazole

Concen: 49.41 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

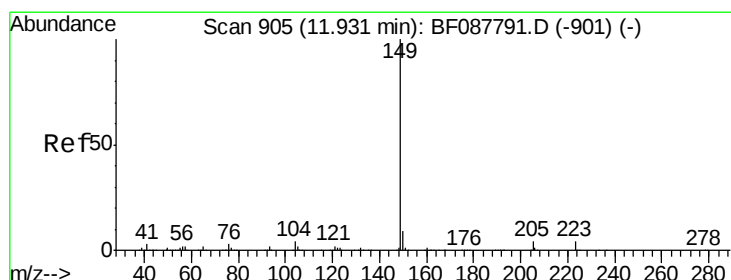
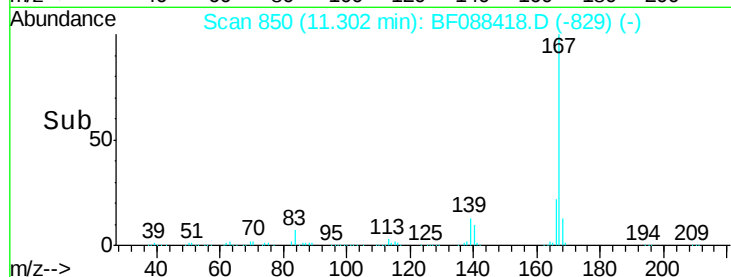
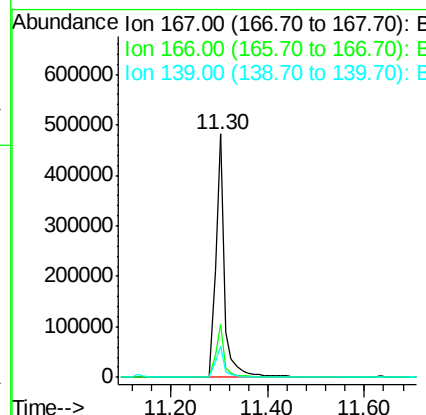
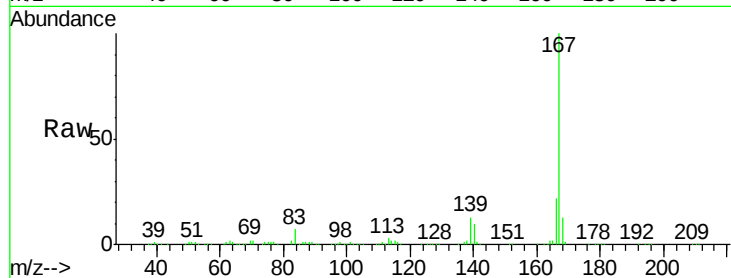
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:	167	Resp:	619497
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.8	26.6
139	12.6	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 45.10 ng

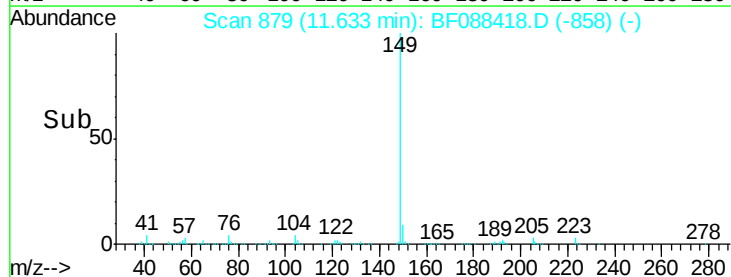
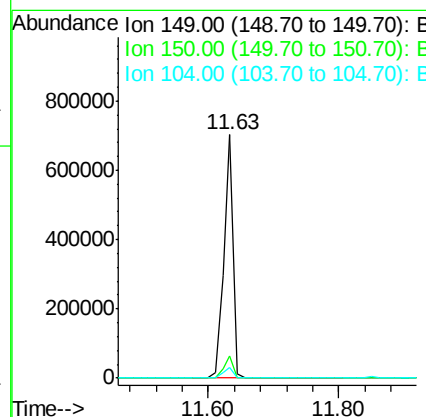
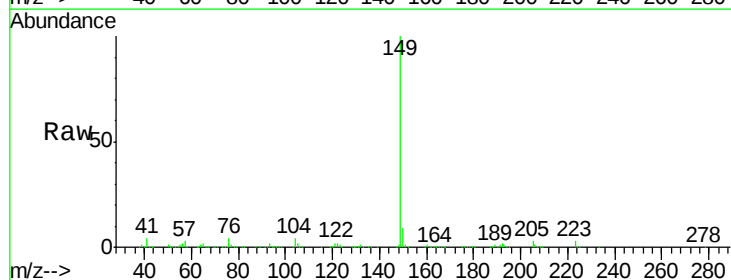
RT: 11.63 min Scan# 879

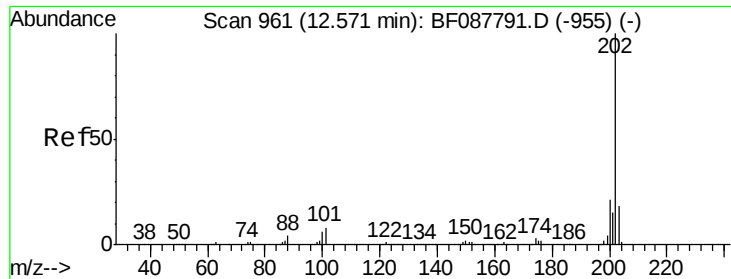
Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	149	Resp:	715804
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.2	4.0	6.0





#74

Fluoranthene

Concen: 59.41 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

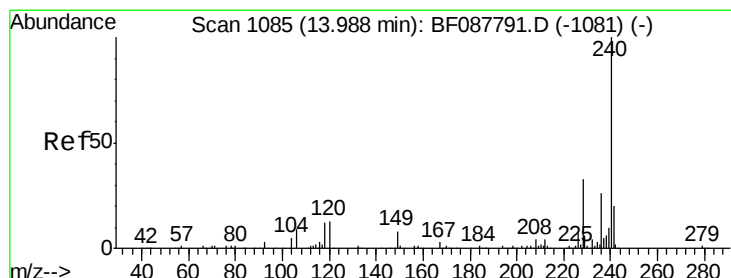
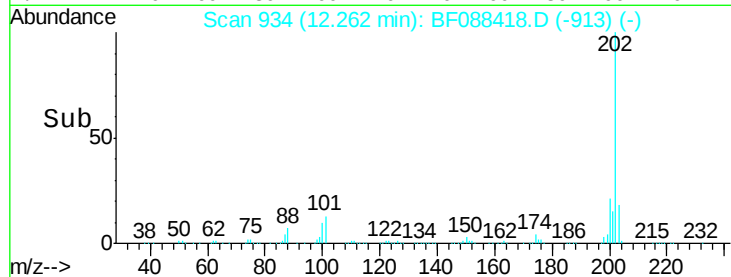
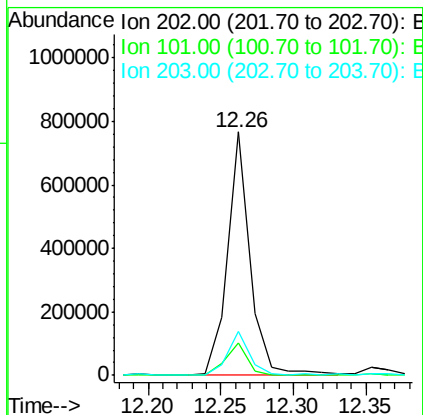
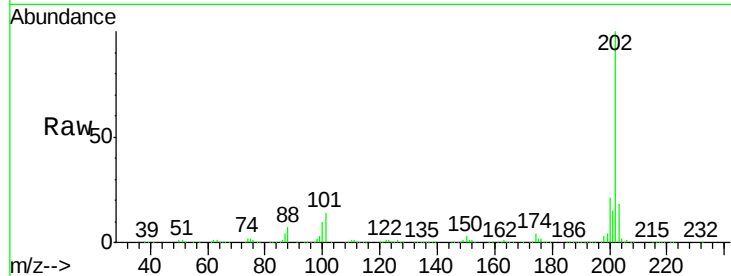
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:	202	Resp:	832847
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	33.1
203	18.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

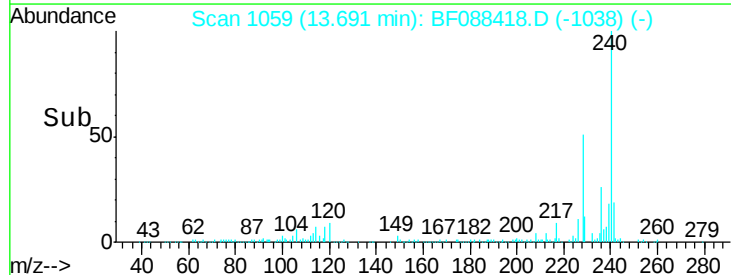
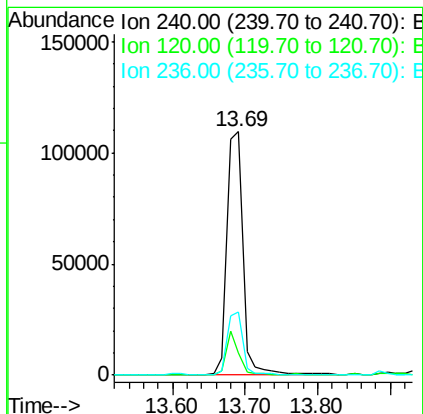
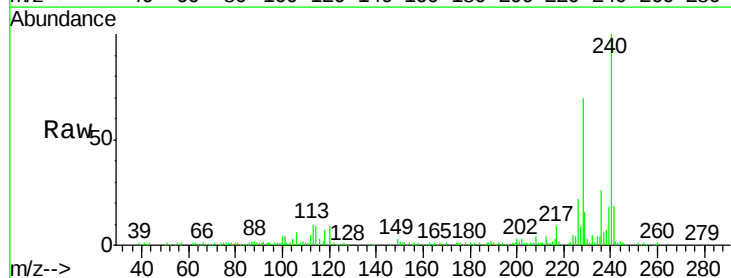
RT: 13.69 min Scan# 1059

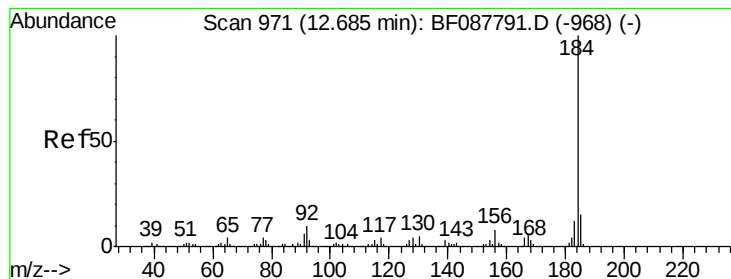
Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	240	Resp:	169725
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.8	10.2
236	25.8	20.2	30.2





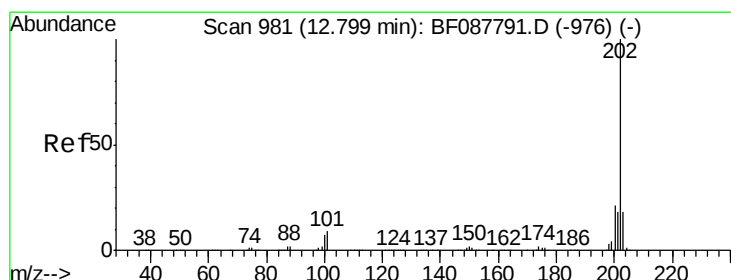
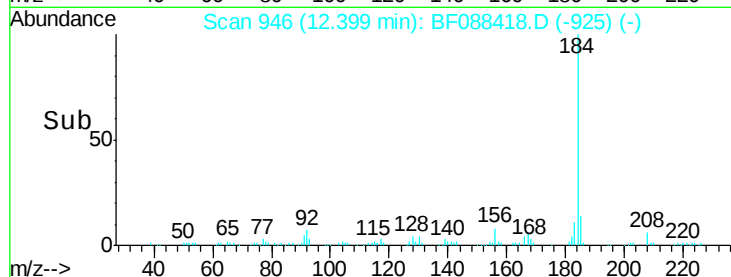
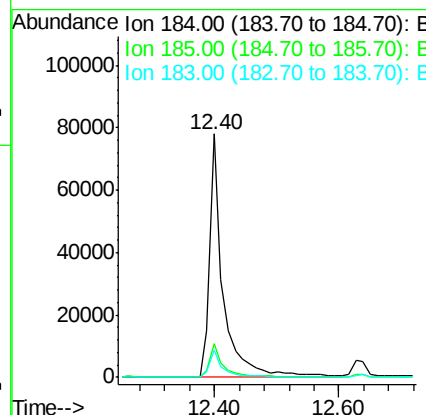
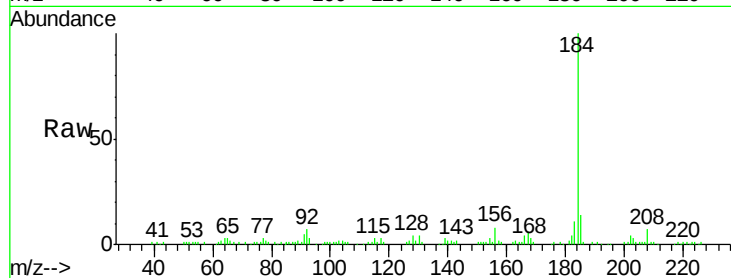
#76
Benzidine
Concen: 25.38 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
185	14.0	12.5	18.7	
183	11.2	9.3	13.9	

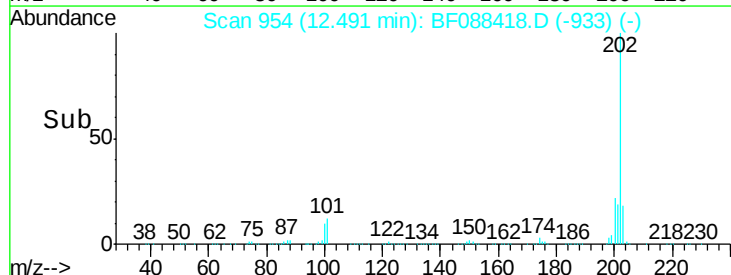
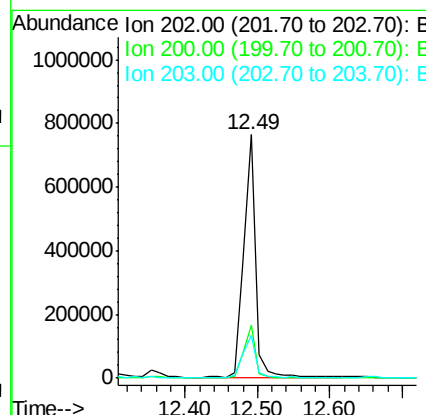
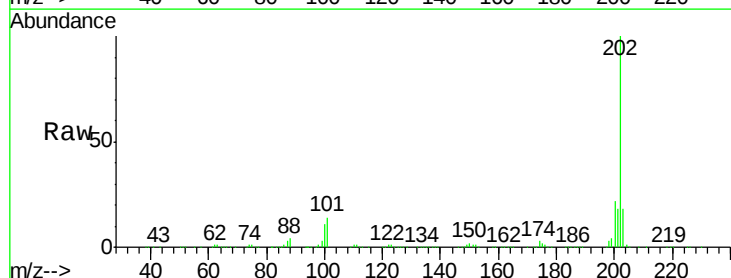
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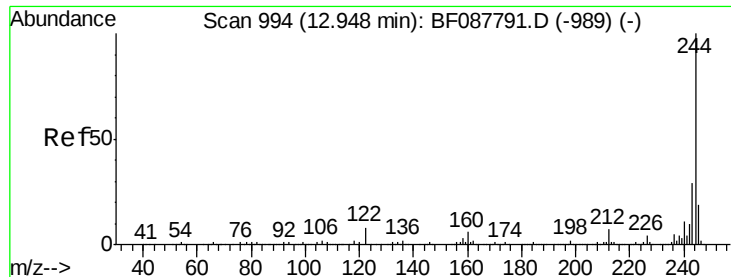
sohil
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#77
Pyrene
Concen: 67.96 ng
RT: 12.49 min Scan# 954
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	22.0	17.4	26.2	
203	17.8	14.5	21.7	





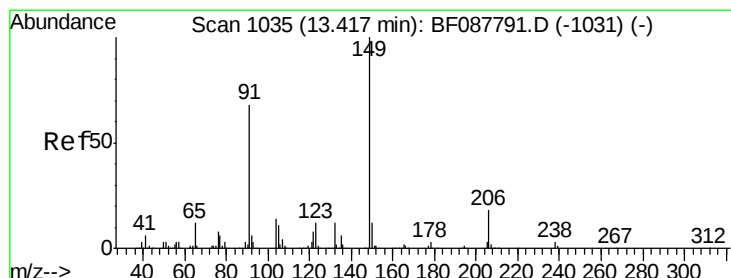
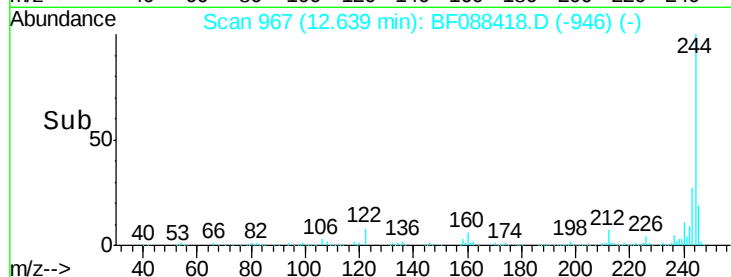
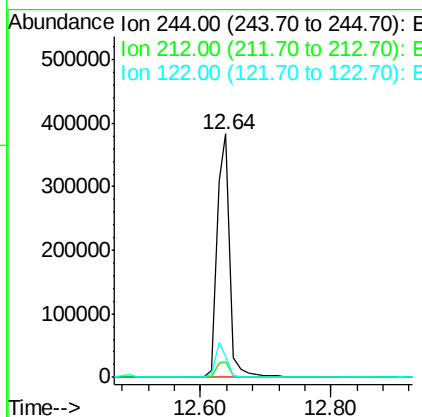
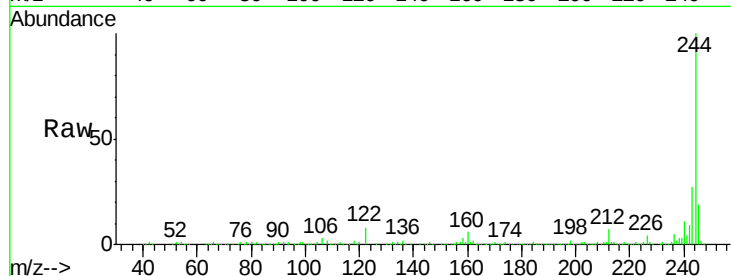
#78
 Terphenyl-d14
 Concen: 71.05 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	8.4	11.2	16.8

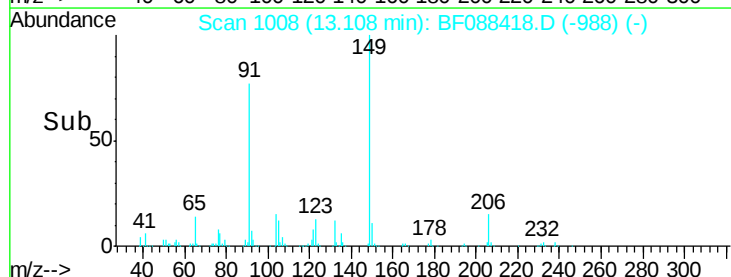
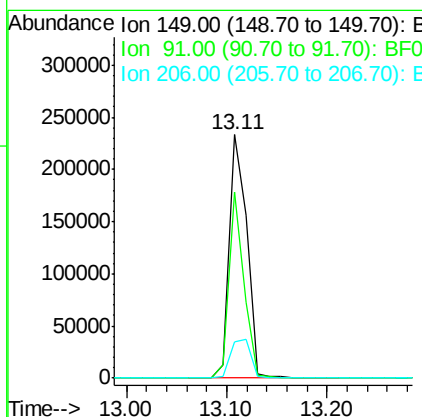
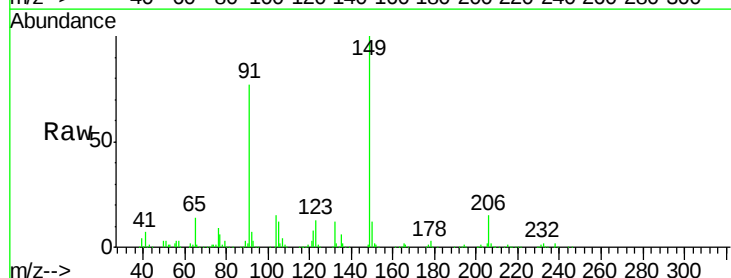
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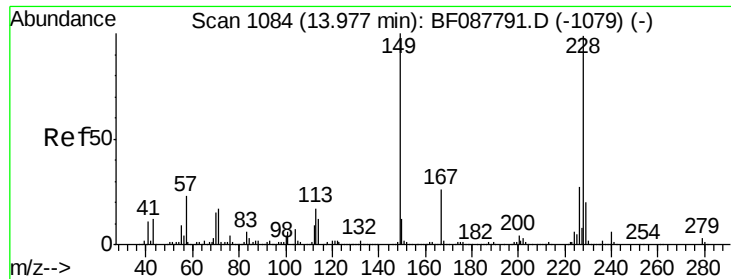
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#79
 Butylbenzylphthalate
 Concen: 50.74 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. -0.07 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.7	48.0	72.0
206	14.8	16.0	24.0





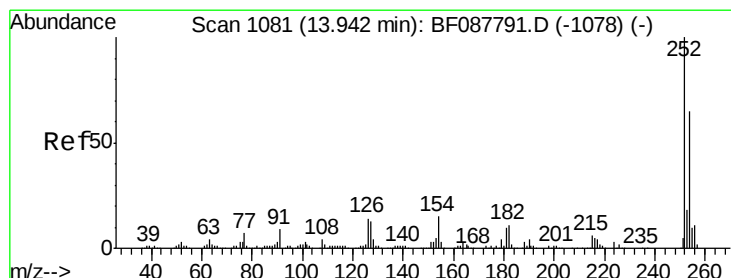
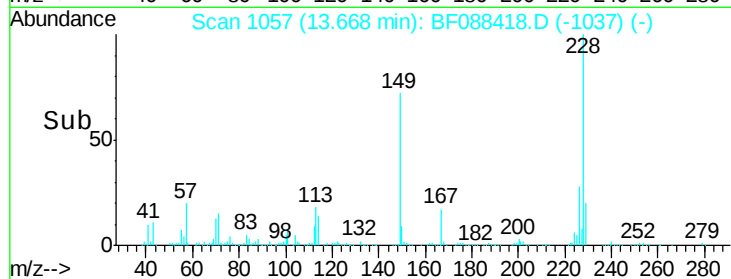
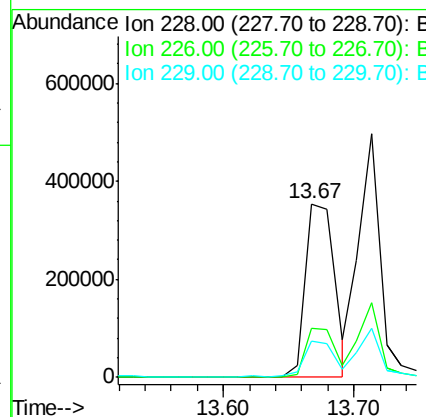
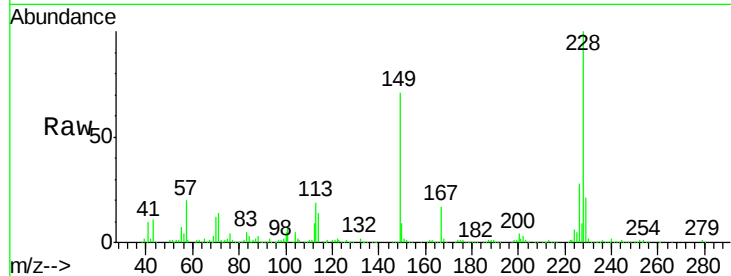
#80
Benzo(a)anthracene
Concen: 56.64 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.8	16.0	24.0

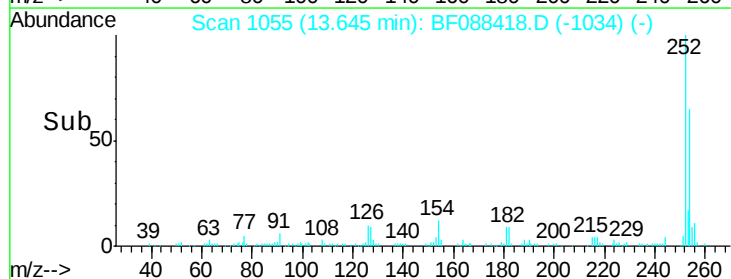
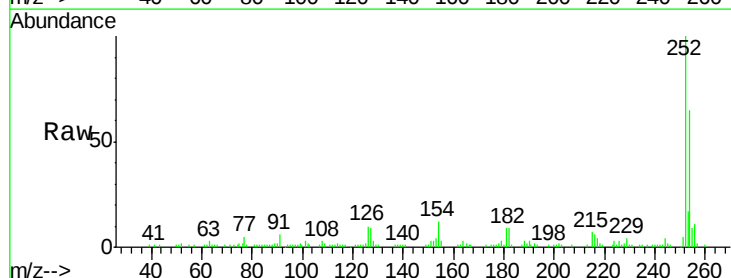
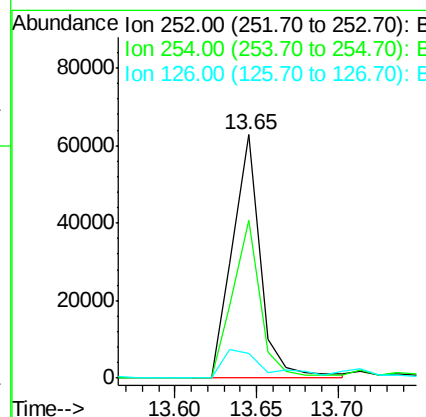
Manual Integrations
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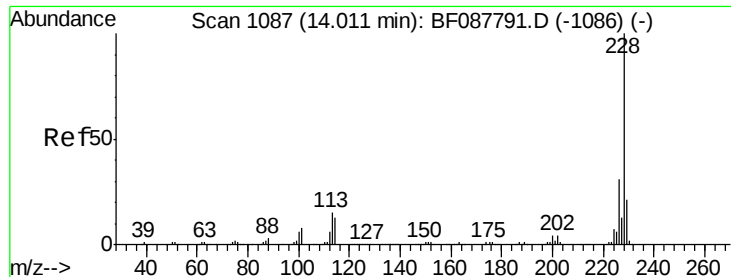
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#81
3,3'-Dichlorobenzidine
Concen: 28.71 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	10.0	6.2	9.2





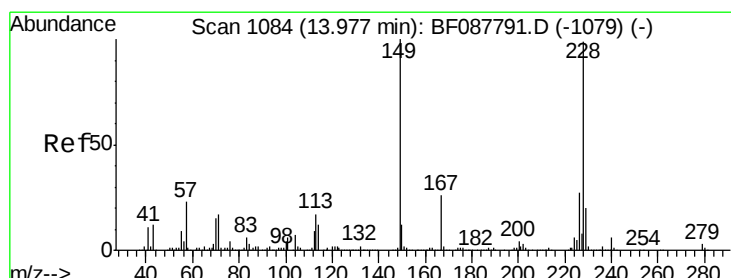
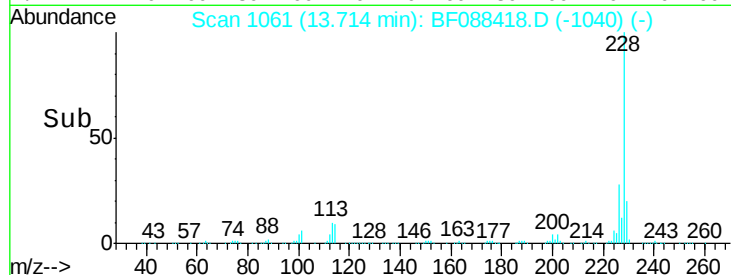
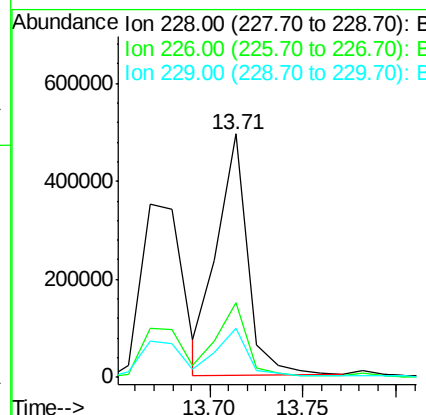
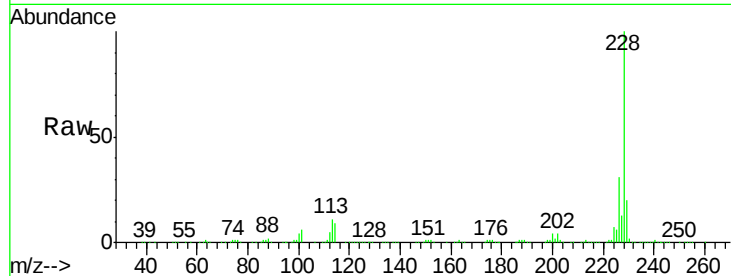
#82
Chrysene
Concen: 61.47 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.2
229	20.2	16.3	24.5

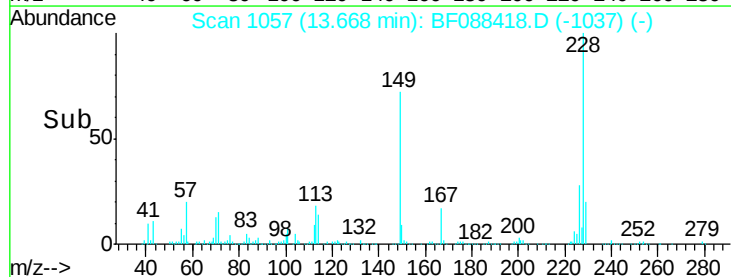
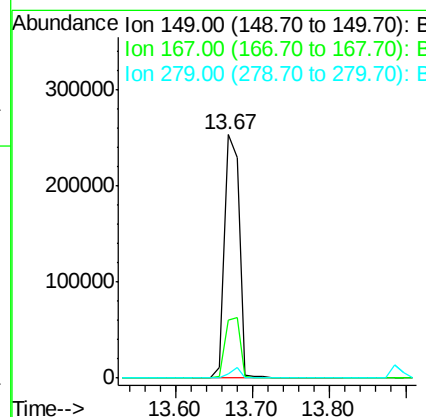
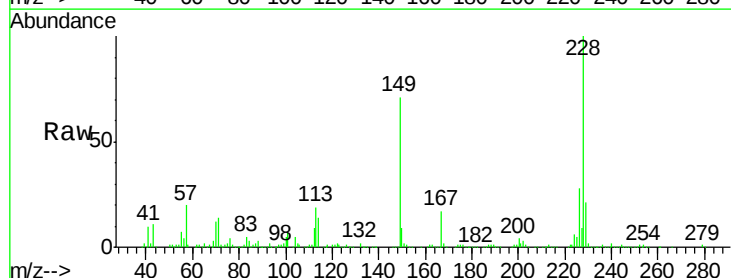
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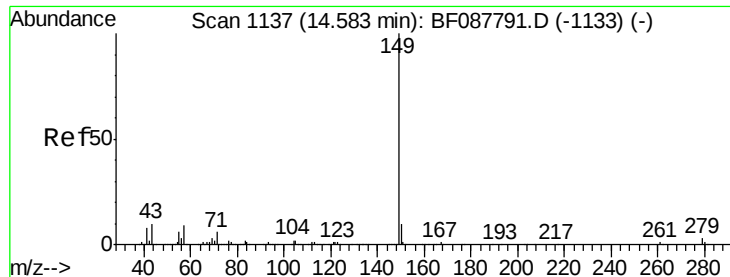
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#83
Bis(2-ethylhexyl)phthalate
Concen: 51.03 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.0	20.5	30.7
279	2.0	2.0	3.0#





#84

Di-n-octyl phthalate

Concen: 61.26 ng

RT: 14.29 min Scan# 1111

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

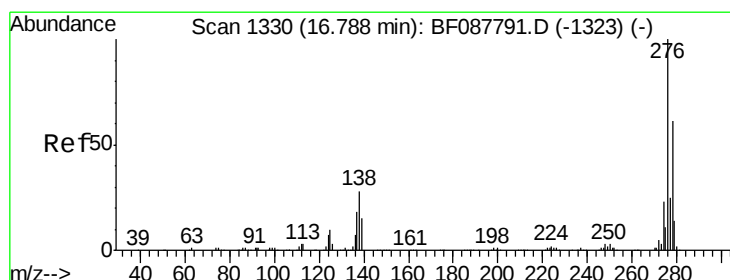
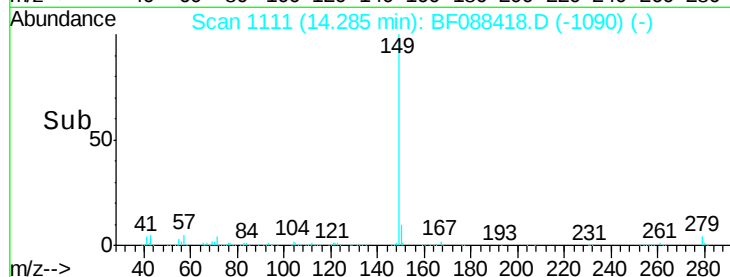
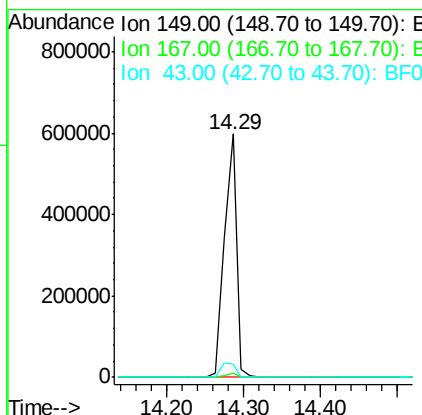
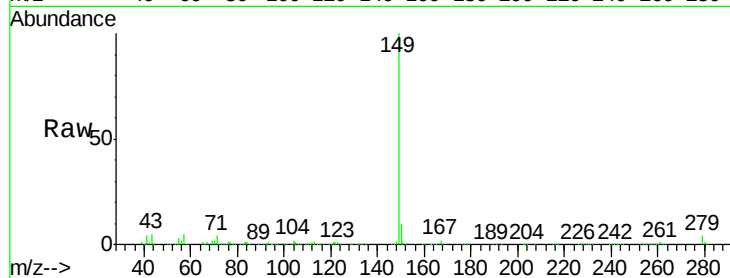
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:	149	Resp:	674724
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	7.1	0.0	0.0#

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 50.84 ng

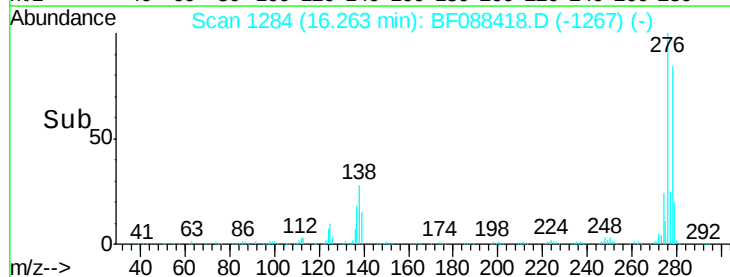
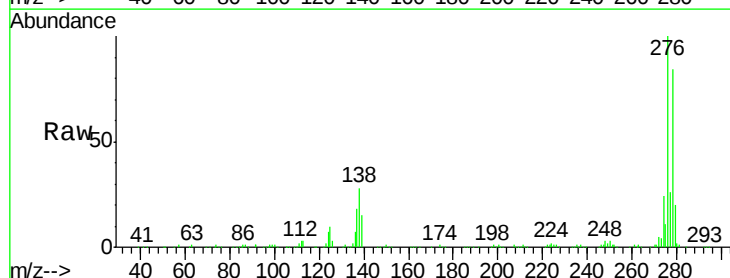
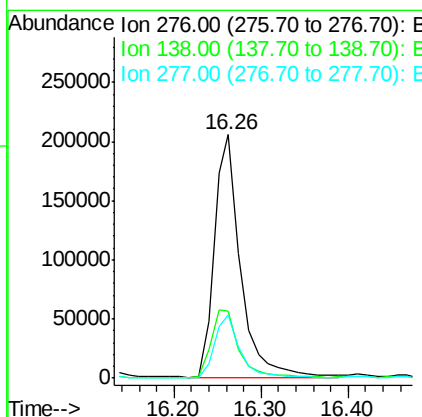
RT: 16.26 min Scan# 1284

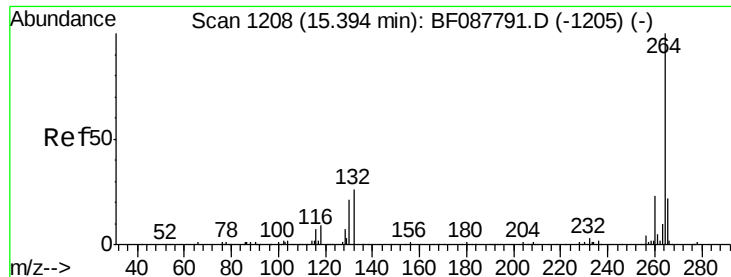
Delta R.T. -0.10 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	276	Resp:	429825
Ion Ratio	Lower	Upper	
276	100		
138	29.8	0.0	0.0#
277	24.5	0.0	0.0#





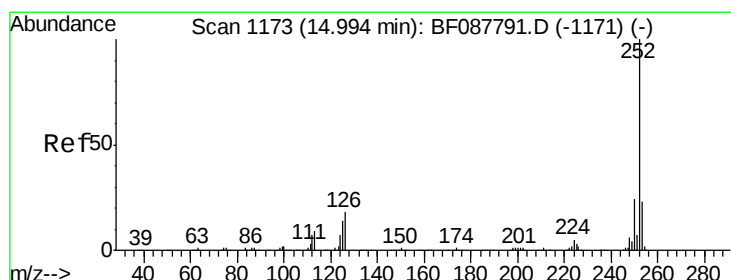
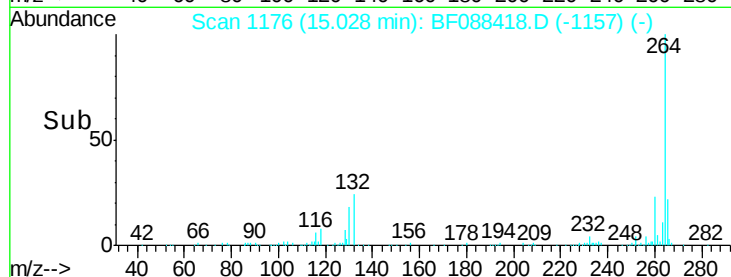
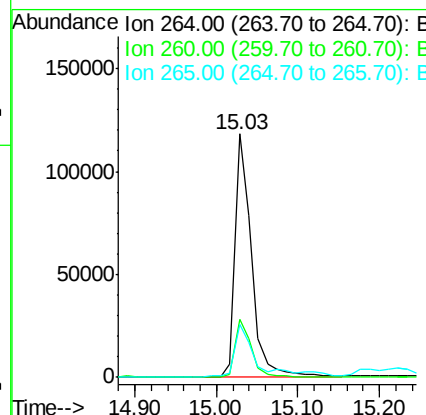
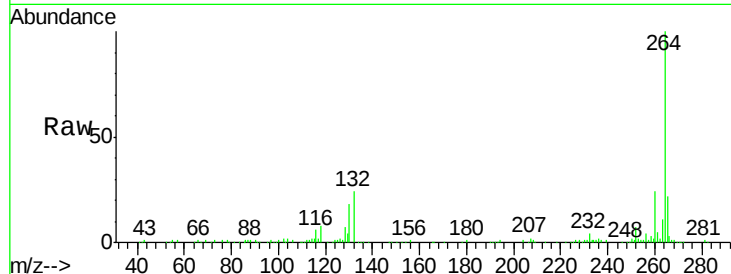
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	16.9	25.3

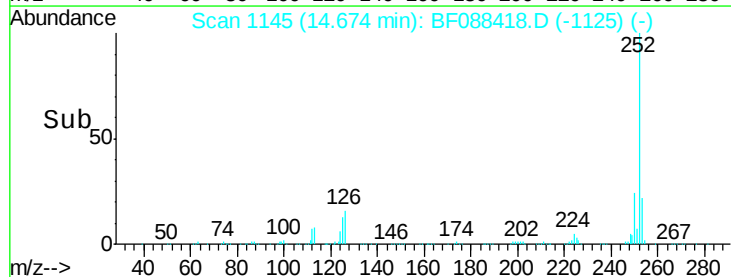
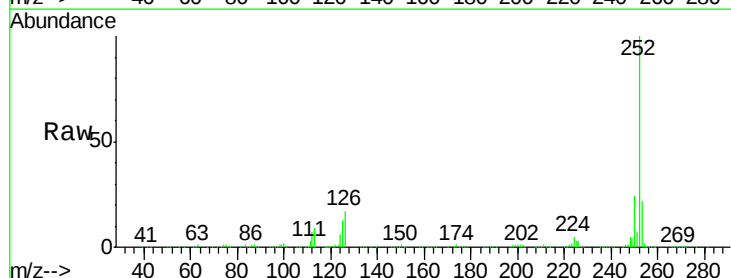
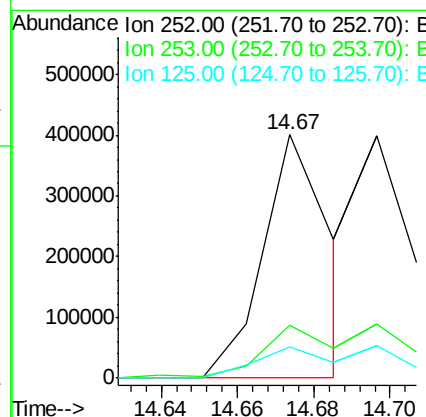
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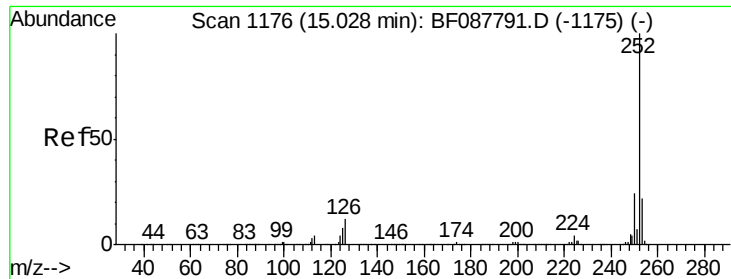
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#87
Benzo(b)fluoranthene
Concen: 42.35 ng m
RT: 14.67 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	13.0	7.1	10.7





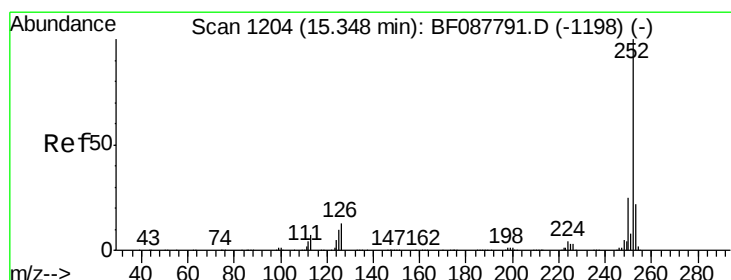
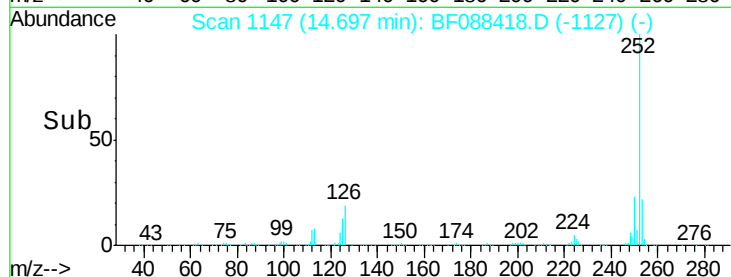
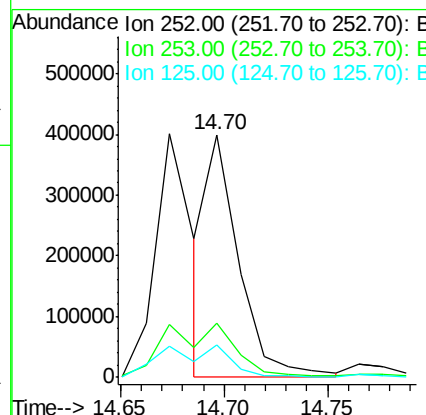
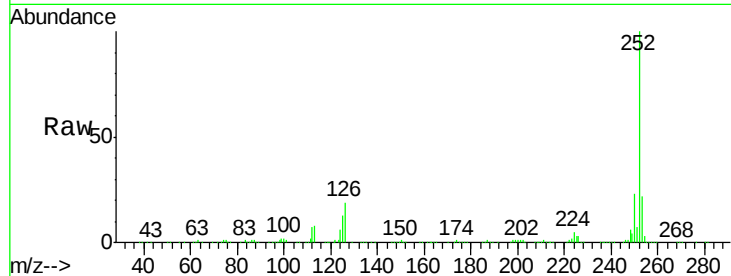
#88
Benzo(k)fluoranthene
Concen: 49.91 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	13.3	11.2	16.8

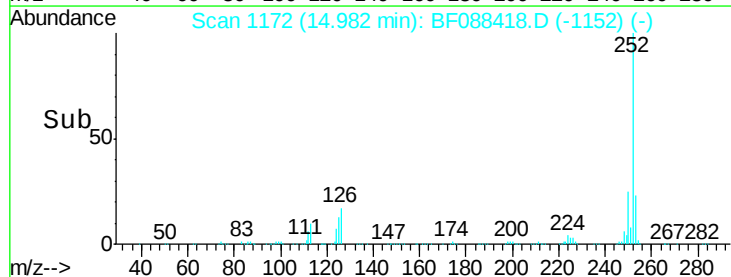
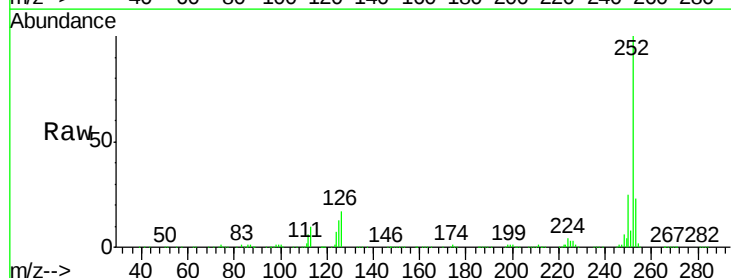
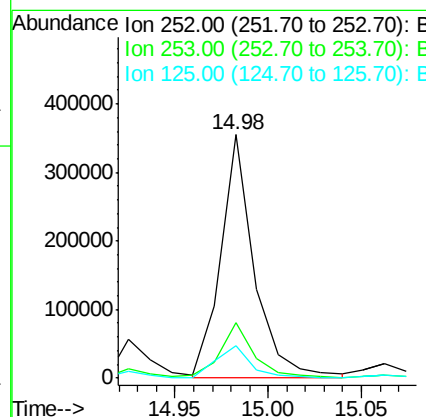
Manual Integrations
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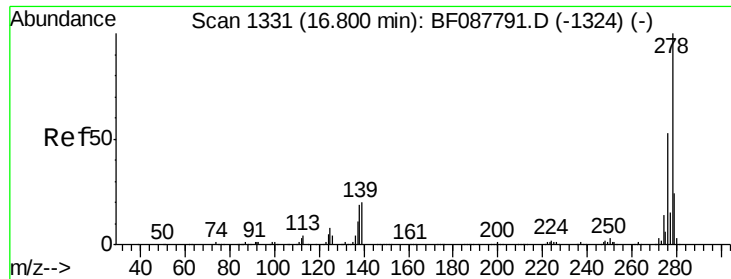
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#89
Benzo(a)pyrene
Concen: 46.89 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	13.5	12.5	18.7





#90

Dibenzo(a,h)anthracene

Concen: 39.84 ng

RT: 16.26 min Scan# 1284

Delta R.T. -0.10 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

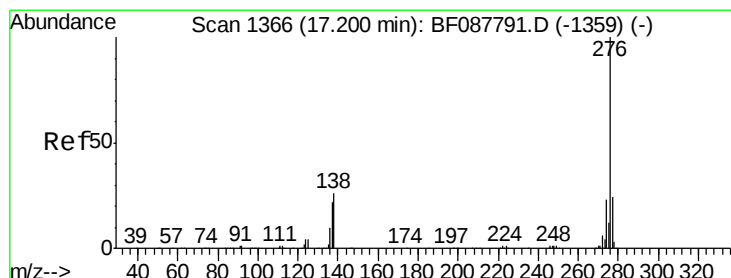
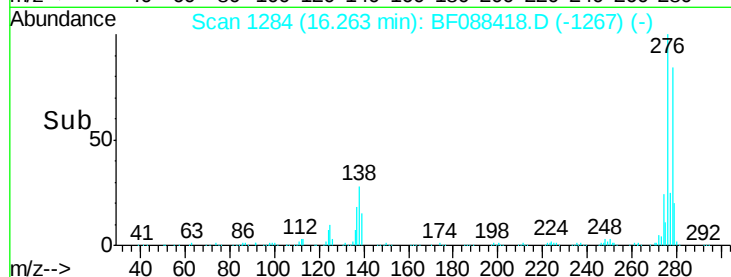
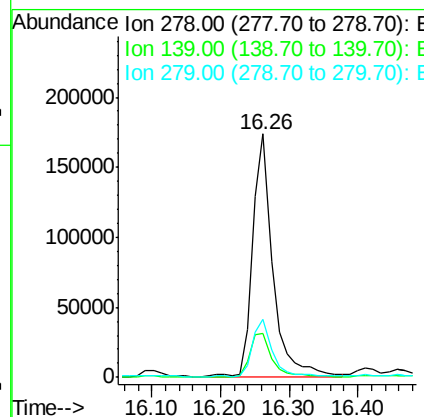
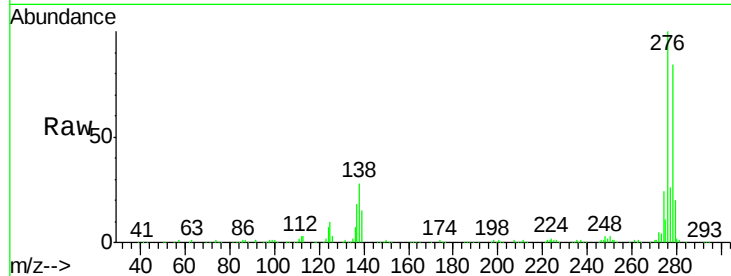
ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:	278	Resp:	348179
Ion Ratio	Lower	Upper	
278	100		
139	18.1	15.7	23.5
279	23.7	19.4	29.2

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 41.43 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:	276	Resp:	372397
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.9	28.3
138	22.9	21.4	32.2

