

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086581.D
 Acq On : 1 May 2016 20:16
 Operator : UM/SJ
 Sample : H2683-16MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Manual Integrations
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 5/2/2016 7:46:49 PM

Quant Time: May 02 05:15:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 02 04:16:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	138851	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	614254	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	287015	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	566866	20.00	ng	0.00
75) Chrysene-d12	13.92	240	354214	20.00	ng	0.00
86) Perylene-d12	15.30	264	272368	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1158947	143.97	ng	0.02
7) Phenol-d6	6.42	99	1475835	131.36	ng	0.01
23) Nitrobenzene-d5	7.33	82	995228	87.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	423524	139.93	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1621030	103.33	ng	-0.01
78) Terphenyl-d14	12.87	244	1532019	95.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	149557	35.37	ng	# 69
3) Pyridine	3.13	79	376660m	37.64	ng	
4) n-Nitrosodimethylamine	3.06	42	283283	49.66	ng	# 60
6) Aniline	6.45	93	99169	7.29	ng	90
8) 2-Chlorophenol	6.56	128	438961	43.78	ng	96
10) Phenol	6.43	94	574952	45.87	ng	96
11) bis(2-Chloroethyl)ether	6.51	93	411232	37.95	ng	91
12) 1,3-Dichlorobenzene	6.70	146	411504	38.16	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	442442	39.76	ng	96
14) 1,2-Dichlorobenzene	6.93	146	385452	37.77	ng	94
15) Benzyl Alcohol	6.92	79	228141	32.10	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.05	45	877113	40.44	ng	97
17) 2-Methylphenol	7.04	107	370781	45.75	ng	# 93
18) Hexachloroethane	7.28	117	158888	38.21	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	355875	47.92	ng	# 85
20) 3+4-Methylphenols	7.18	107	439127	47.46	ng	# 73
22) Acetophenone	7.18	105	630365	46.80	ng	# 92
24) Nitrobenzene	7.36	77	537379	45.84	ng	95
25) Isophorone	7.60	82	937671	42.75	ng	99
26) 2-Nitrophenol	7.68	139	237499	44.00	ng	95
27) 2,4-Dimethylphenol	7.72	122	434721	45.90	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	533558	44.66	ng	99
29) 2,4-Dichlorophenol	7.92	162	370440	46.36	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	385197	41.55	ng	99
31) Naphthalene	8.08	128	1399520	44.78	ng	99
32) Benzoic acid	7.85	122	220458	40.19	ng	# 84
34) Hexachlorobutadiene	8.19	225	198849	38.27	ng	99
35) Caprolactam	8.51	113	114107m	42.81	ng	
36) 4-Chloro-3-methylphenol	8.62	107	437207	47.79	ng	94
37) 2-Methylnaphthalene	8.76	142	829464	44.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	359560	43.77	ng	98
40) Hexachlorocyclopentadiene	8.92	237	327328	80.18	ng	95
42) 2,4,6-Trichlorophenol	9.05	196	249276	48.00	ng	94
43) 2,4,5-Trichlorophenol	9.09	196	254427	44.95	ng	# 82

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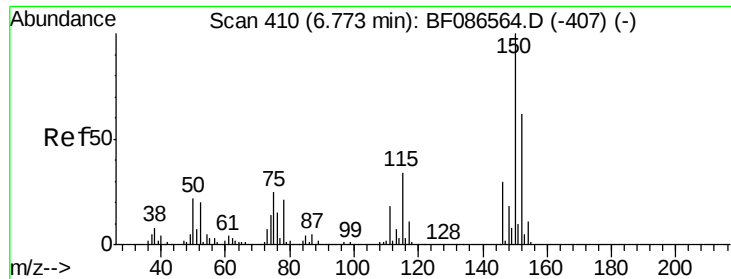
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.23	154	1048734	43.72	ng	97
46) 2-Chloronaphthalene	9.25	162	780418	42.78	ng	94
47) 2-Nitroaniline	9.36	65	299822	51.26	ng	90
48) Acenaphthylene	9.66	152	1193864	41.87	ng	99
49) Dimethylphthalate	9.54	163	1013513	46.91	ng	100
50) 2,6-Dinitrotoluene	9.60	165	211528	47.39	ng	# 83
51) Acenaphthene	9.84	154	884399	48.29	ng	98
52) 3-Nitroaniline	9.77	138	46666	9.19	ng	96
53) 2,4-Dinitrophenol	9.87	184	201706	82.38	ng	# 74
54) Dibenzofuran	10.01	168	1092620	47.74	ng	93
55) 4-Nitrophenol	9.94	139	274002	82.43	ng	# 70
56) 2,4-Dinitrotoluene	10.00	165	273131	48.00	ng	# 80
57) Fluorene	10.35	166	815954	41.06	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	236333	53.40	ng	98
59) Diethylphthalate	10.24	149	988898	48.35	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	405986	45.00	ng	# 81
61) 4-Nitroaniline	10.37	138	124551	25.10	ng	# 75
62) Azobenzene	10.50	77	1032013	46.06	ng	85
64) 4,6-Dinitro-2-methylphenol	10.41	198	160860	48.34	ng	89
65) n-Nitrosodiphenylamine	10.46	169	373900	21.10	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	253336	43.37	ng	92
67) Hexachlorobenzene	10.90	284	303405	44.87	ng	# 89
68) Atrazine	10.99	200	38317	7.20	ng	93
69) Pentachlorophenol	11.09	266	315498	88.51	ng	96
70) Phenanthrene	11.31	178	1334424	44.86	ng	99
71) Anthracene	11.36	178	1382732	43.55	ng	100
72) Carbazole	11.52	167	642846	22.85	ng	99
73) Di-n-butylphthalate	11.85	149	1473424	46.22	ng	# 98
74) Fluoranthene	12.49	202	1255376	41.81	ng	100
77) Pyrene	12.72	202	1231978	48.27	ng	100
79) Butylbenzylphthalate	13.35	149	586231	53.04	ng	# 83
80) Benzo(a)anthracene	13.91	228	850174	45.02	ng	99
82) Chrysene	13.94	228	1013223	49.36	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	666197	48.55	ng	98
84) Di-n-octyl phthalate	14.51	149	1036965	48.26	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.65	276	948613	62.37	ng	97
87) Benzo(b)fluoranthene	14.91	252	1010132m	63.04	ng	
88) Benzo(k)fluoranthene	14.95	252	740582m	44.31	ng	
89) Benzo(a)pyrene	15.25	252	814946	53.87	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	801275	64.72	ng	98
91) Benzo(g,h,i)perylene	17.05	276	774983	62.47	ng	# 92

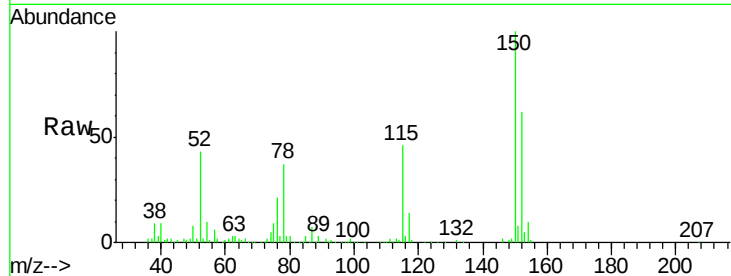
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

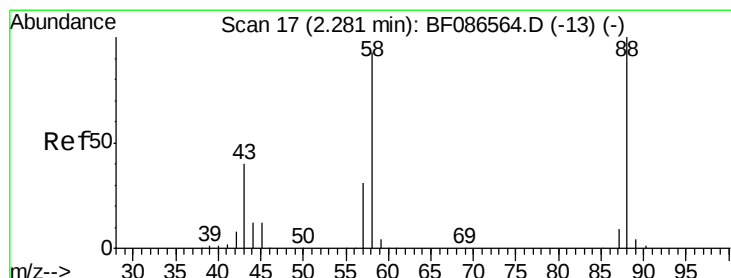
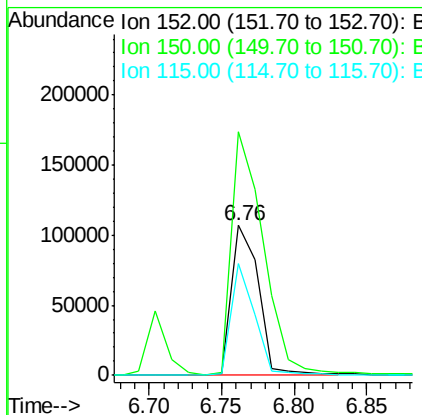
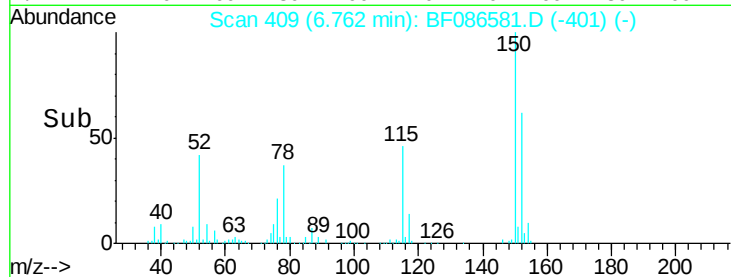
Instrument :
BNA_F
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26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	138851		
150	162.2	125.8	188.6	
115	74.5	51.5	77.3	

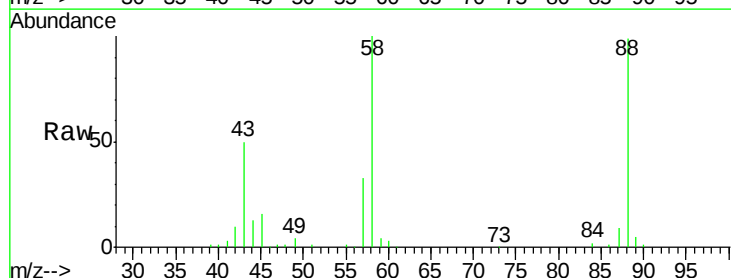
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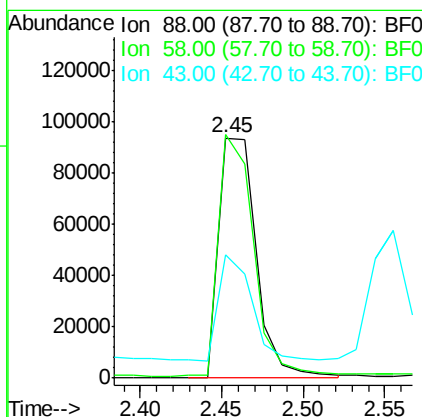
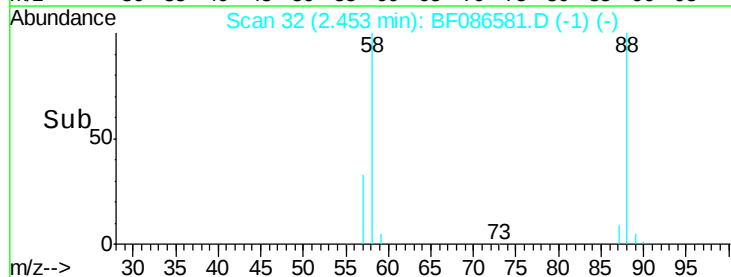


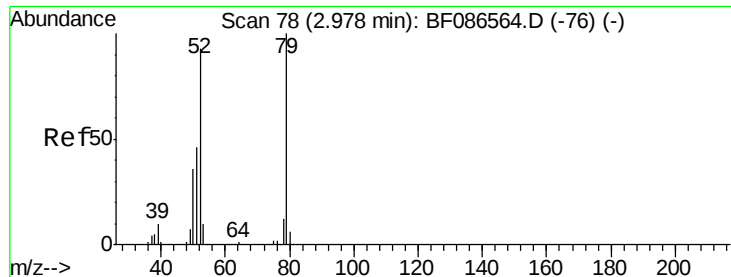
#2

1,4-Dioxane
Concen: 35.37 ng
RT: 2.45 min Scan# 32
Delta R.T. 0.17 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16



Tgt Ion	Ratio	Resp	Lower	Upper
88	100	149557		
58	93.6	59.6	89.4#	
43	0.0	21.8	32.6#	





#3

Pyridine

Concen: 37.64 ng m

RT: 3.13 min Scan# 91

Delta R.T. 0.15 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

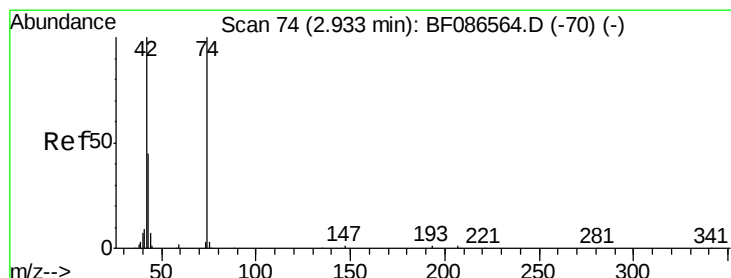
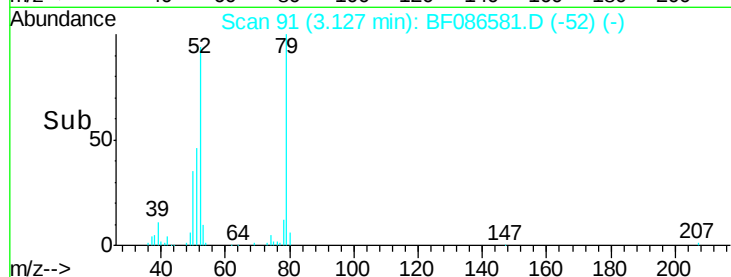
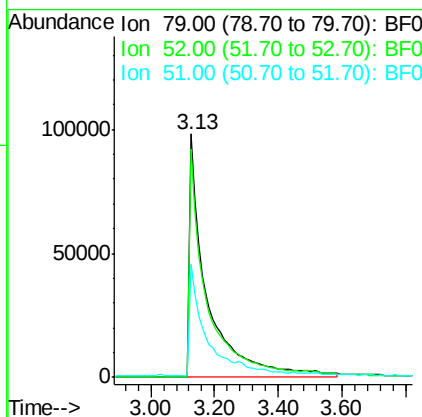
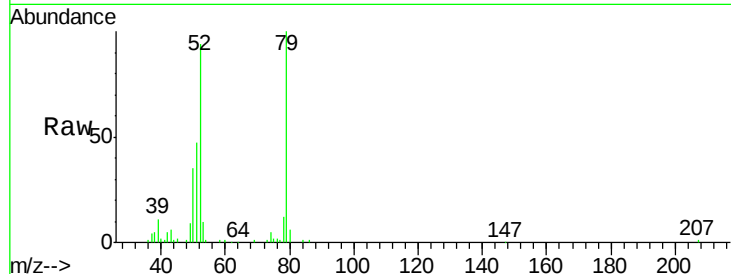
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Tgt Ion:	79	Resp:	376660
Ion	Ratio	Lower	Upper
79	100		
52	93.6	55.9	83.9#
51	46.6	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 49.66 ng

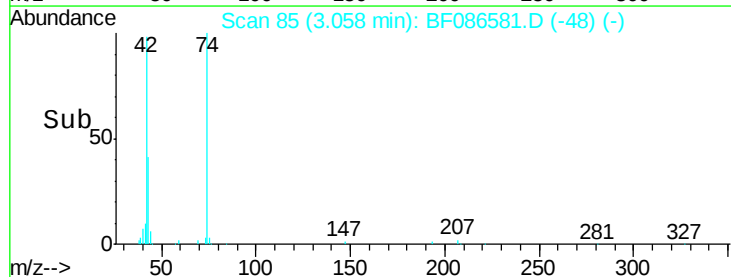
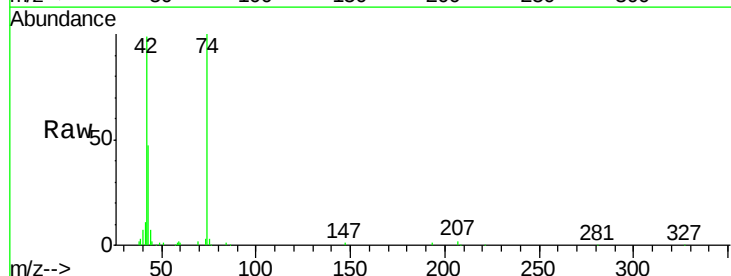
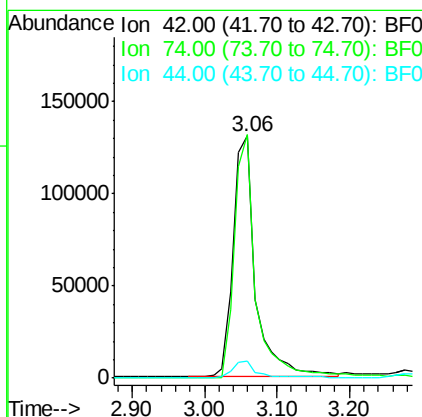
RT: 3.06 min Scan# 85

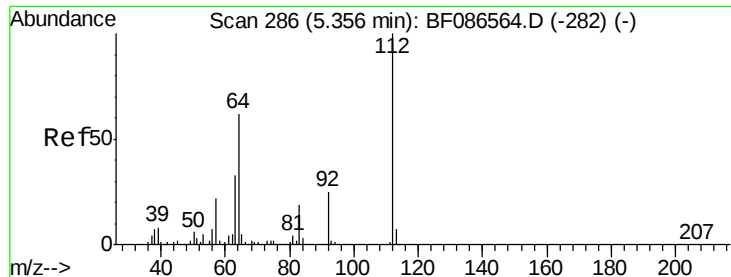
Delta R.T. 0.13 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Tgt Ion:	42	Resp:	283283
Ion	Ratio	Lower	Upper
42	100		
74	100.7	123.4	185.0#
44	6.8	5.8	8.6





#5

2-Fluorophenol

Concen: 143.97 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF086581.D

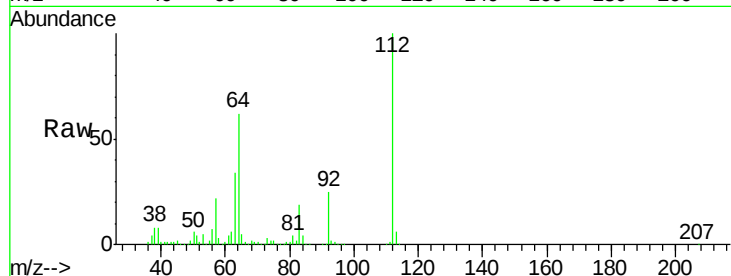
Acq: 1 May 2016 20:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion: 112 Resp: 1158947

Ion Ratio Lower Upper

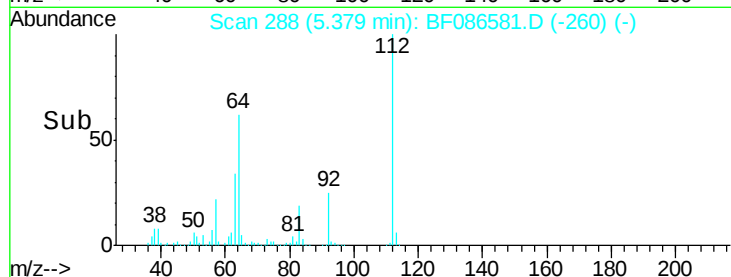
112 100

64 62.5 52.1 78.1

63 33.6 25.7 38.5

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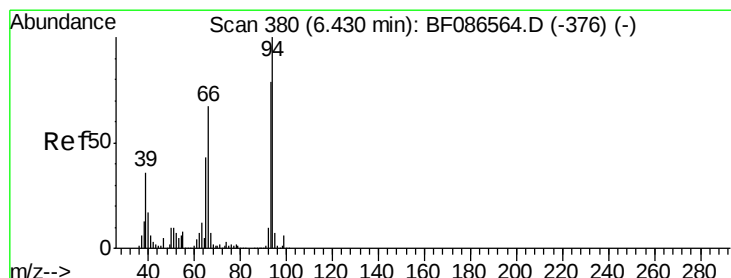
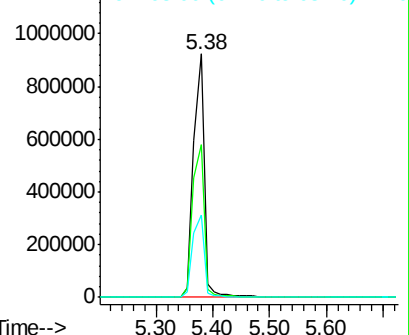
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.29 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.02 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

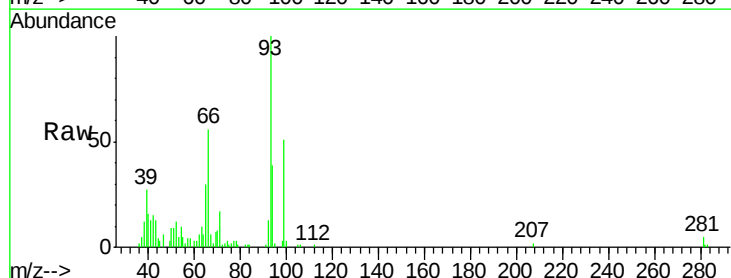
Tgt Ion: 93 Resp: 99169

Ion Ratio Lower Upper

93 100

66 55.8 39.0 58.6

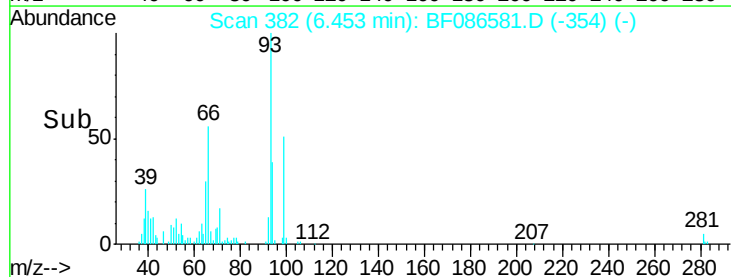
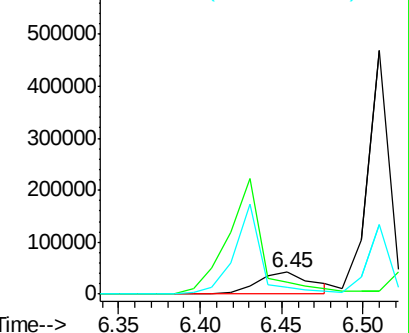
65 29.8 20.6 31.0

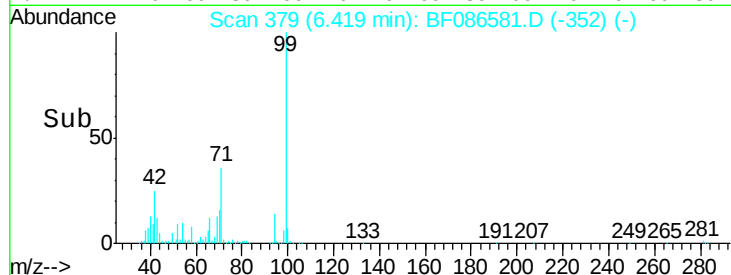
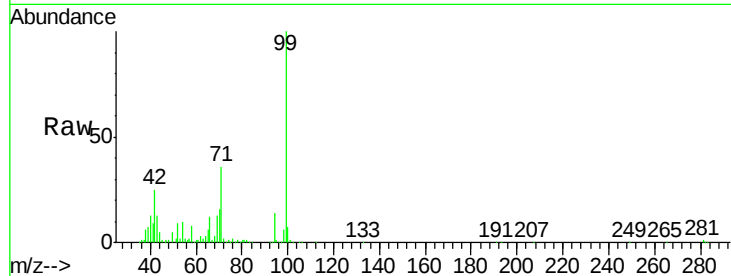
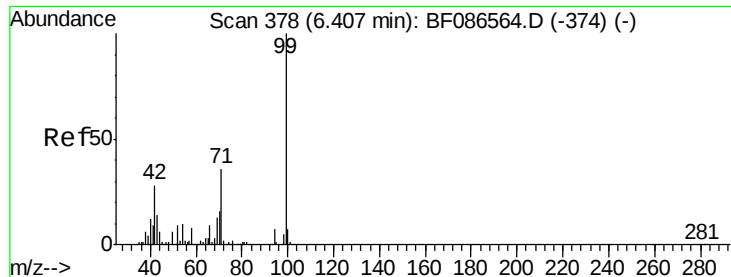


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.36 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF086581.D

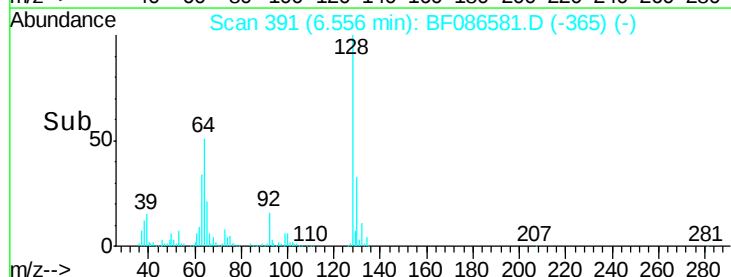
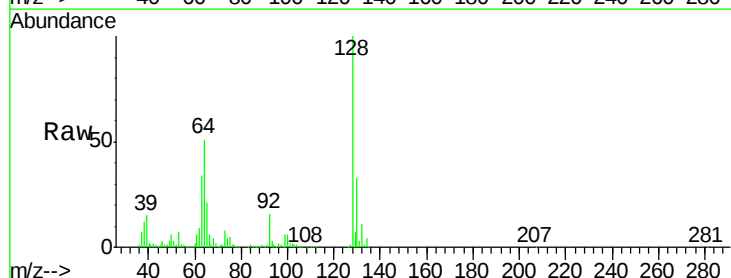
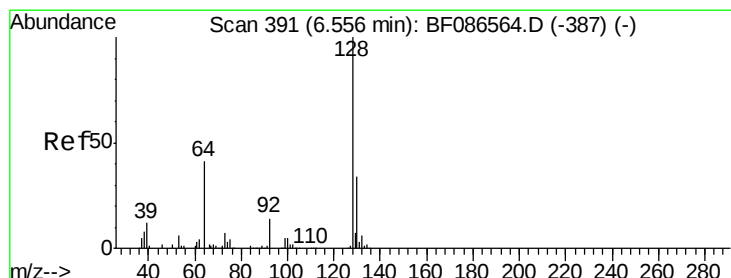
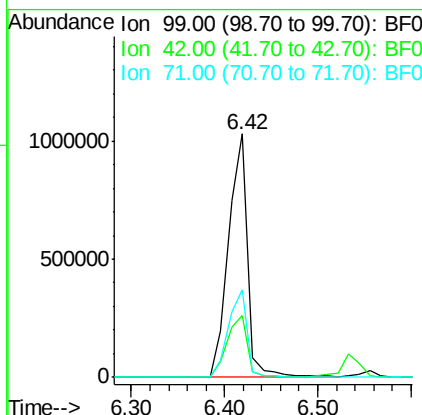
Acq: 1 May 2016 20:16

Tgt Ion:	99	Resp:	1475835
Ion	Ratio	Lower	Upper
99	100		
42	25.4	13.6	20.4#
71	36.0	24.6	36.8

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#8

2-Chlorophenol

Concen: 43.78 ng

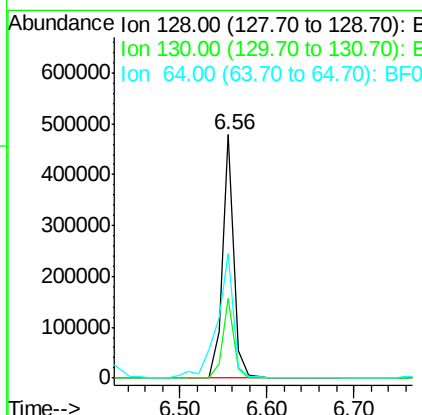
RT: 6.56 min Scan# 391

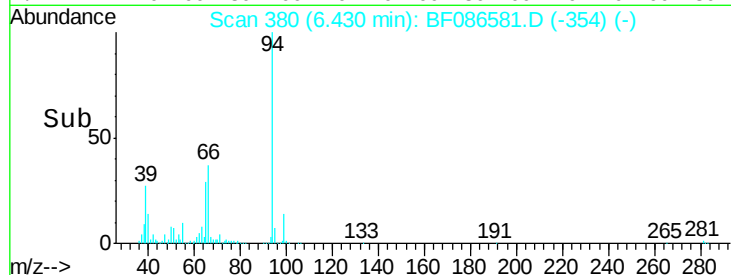
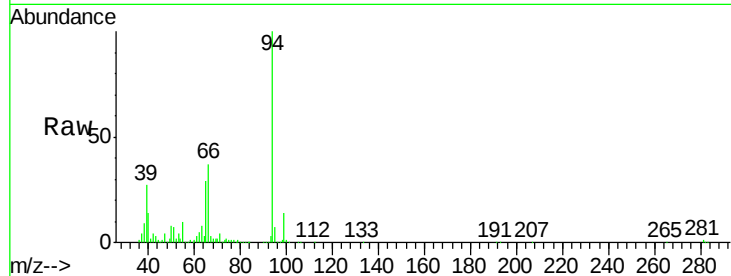
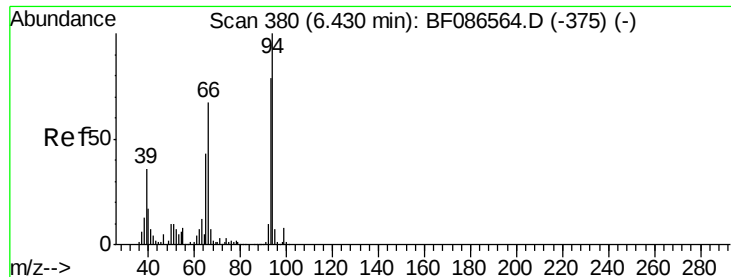
Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Tgt Ion:	128	Resp:	438961
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.5	52.5
64	51.3	27.3	67.3





#10

Phenol

Concen: 45.87 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Tgt Ion:	94	Resp:	574952
Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.2	47.2
66	37.5	14.9	54.9

Instrument :

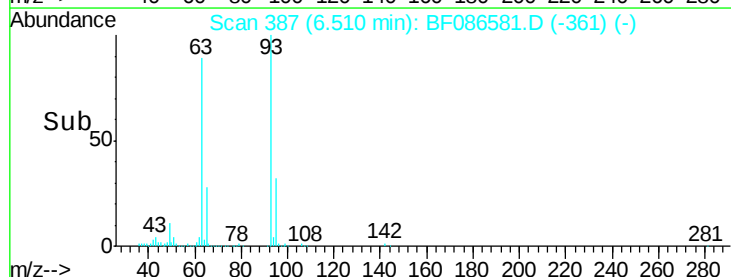
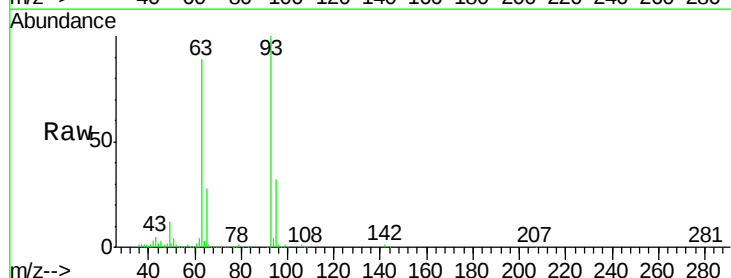
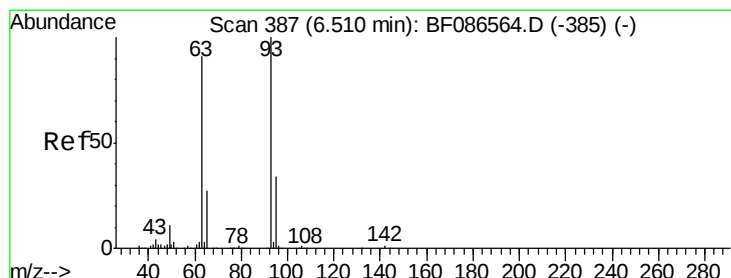
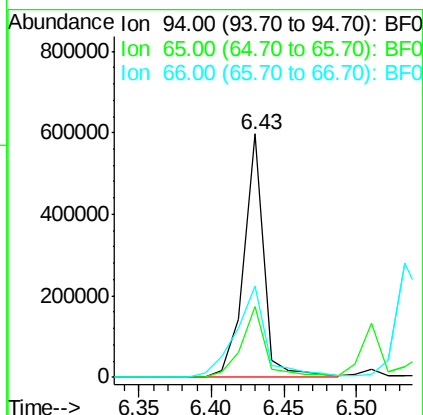
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#11

bis(2-Chloroethyl)ether

Concen: 37.95 ng

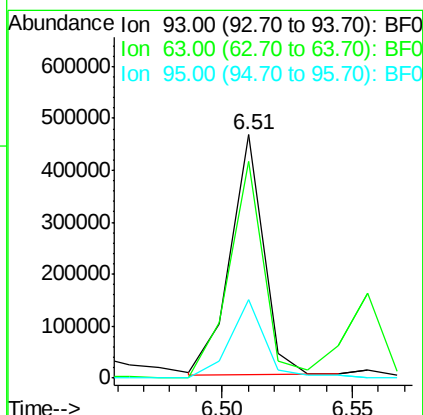
RT: 6.51 min Scan# 387

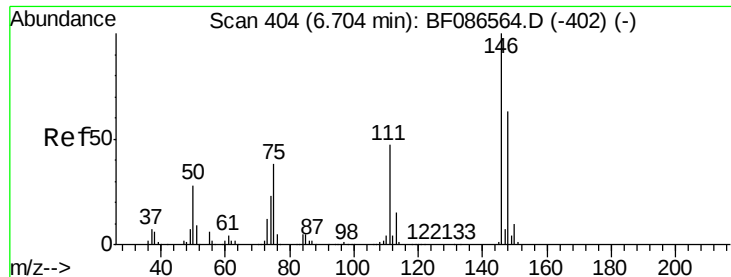
Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Tgt Ion:	93	Resp:	411232
Ion	Ratio	Lower	Upper
93	100		
63	89.3	58.0	98.0
95	32.1	11.9	51.9





#12

1,3-Dichlorobenzene

Concen: 38.16 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

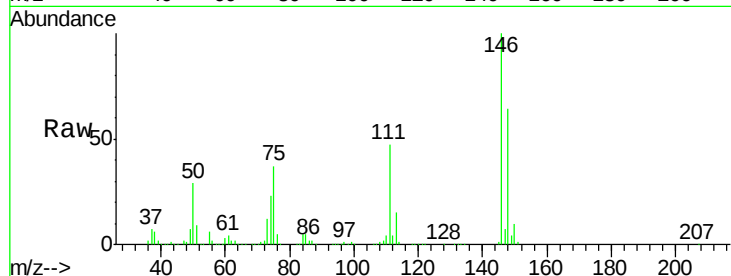
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

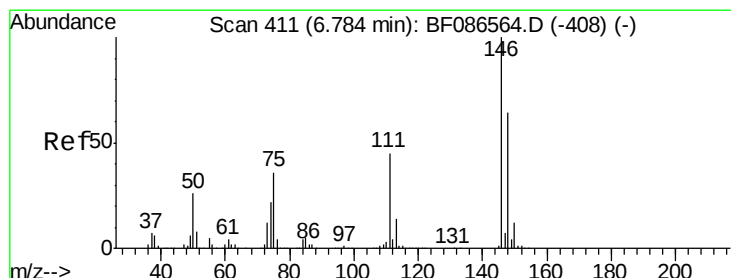
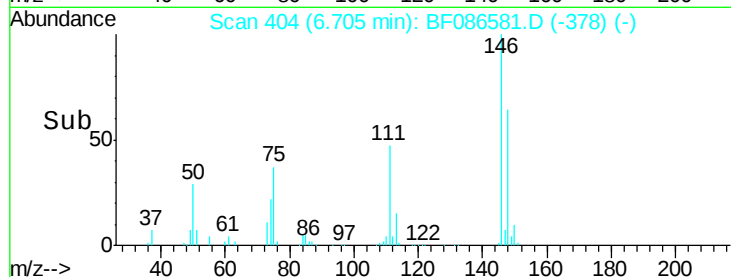
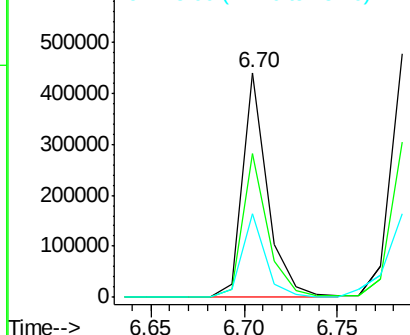
Tgt Ion:	146	Resp:	411504
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.4	78.6
75	37.4	22.8	34.2#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 39.76 ng

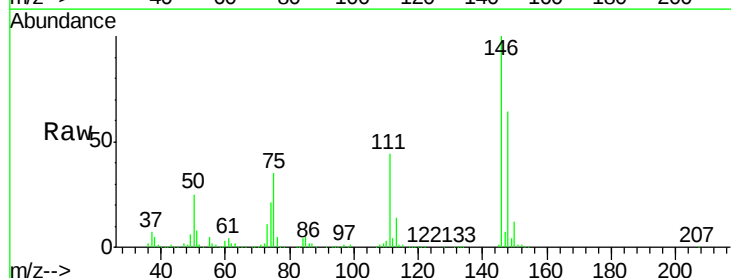
RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

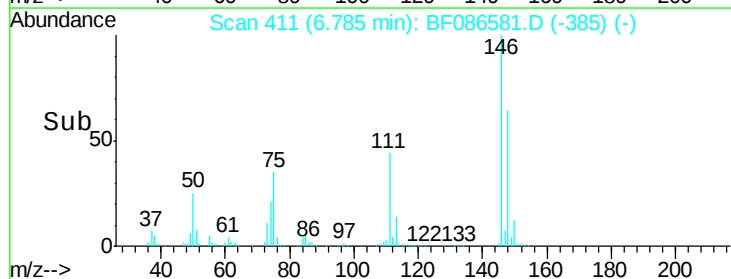
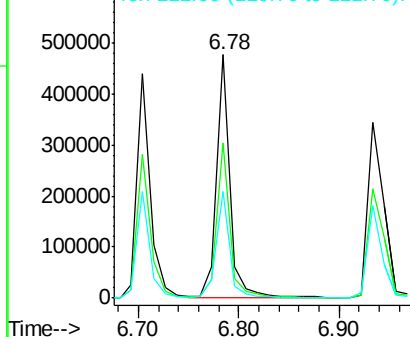
Lab File: BF086581.D

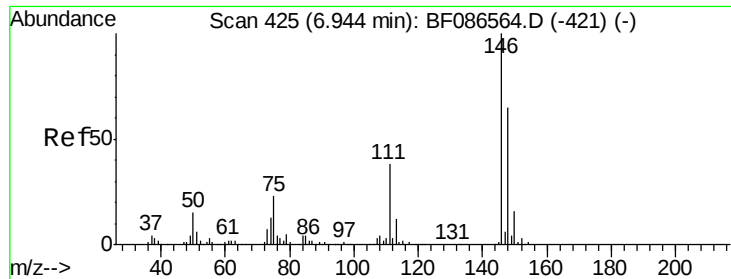
Acq: 1 May 2016 20:16

Tgt Ion:	146	Resp:	442442
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.4
111	43.9	30.7	46.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





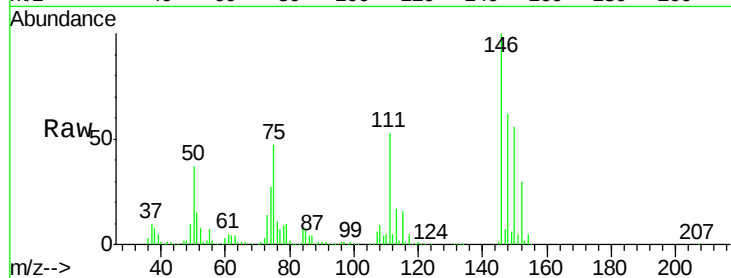
#14
1,2-Dichlorobenzene
Concen: 37.77 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

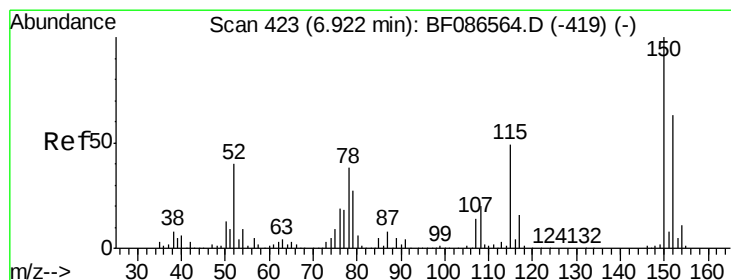
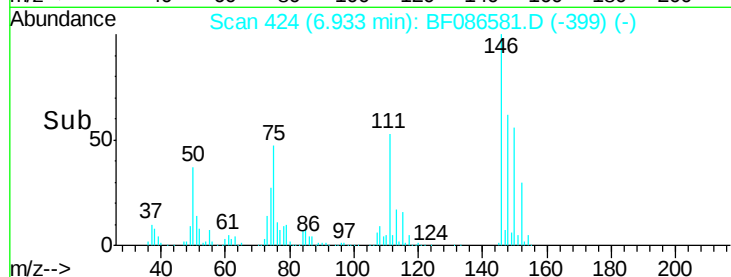
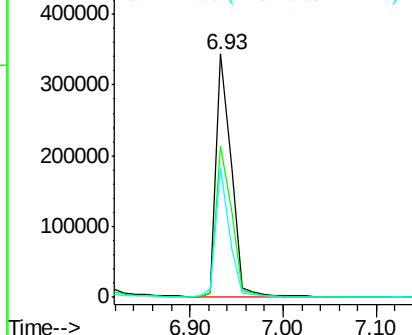
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	385452		
148	62.4	51.0	76.6	
111	53.0	36.2	54.4	

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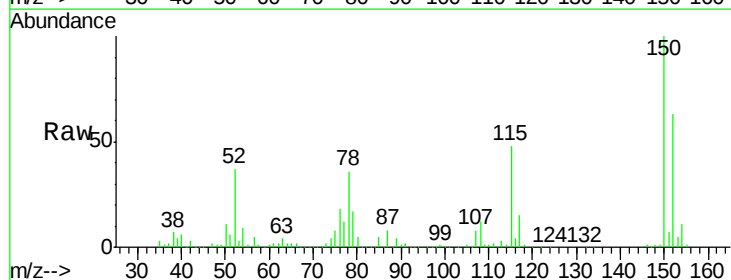


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

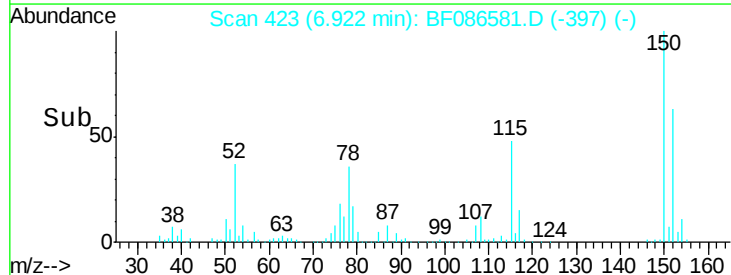
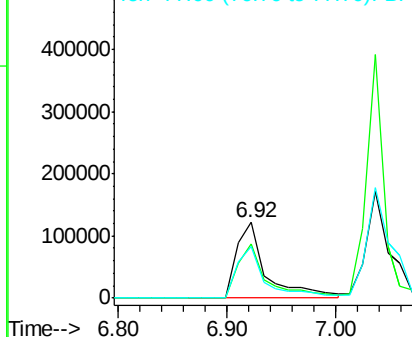


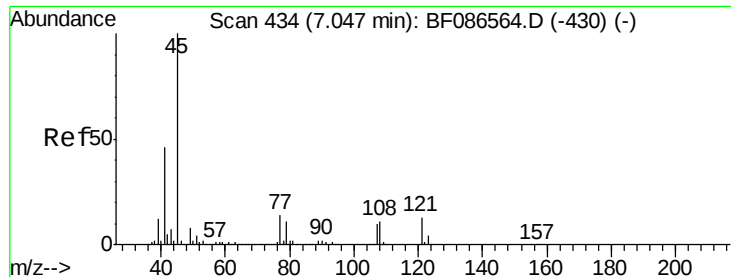
#15
Benzyl Alcohol
Concen: 32.10 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	228141		
108	71.4	68.4	102.6	
77	68.7	50.6	76.0	



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





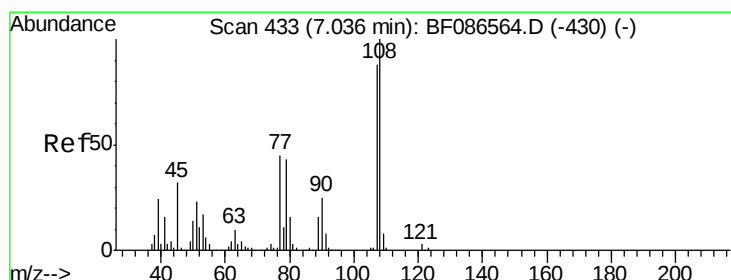
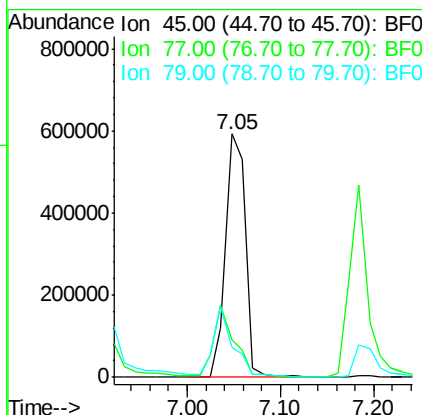
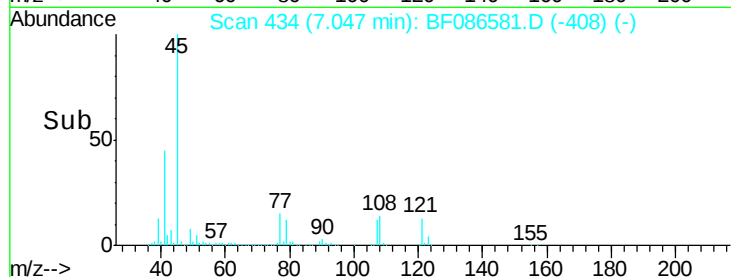
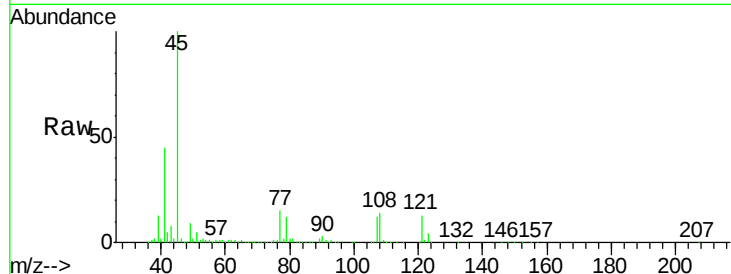
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.44 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	15.2	0.0	36.4
79	12.2	0.0	33.4

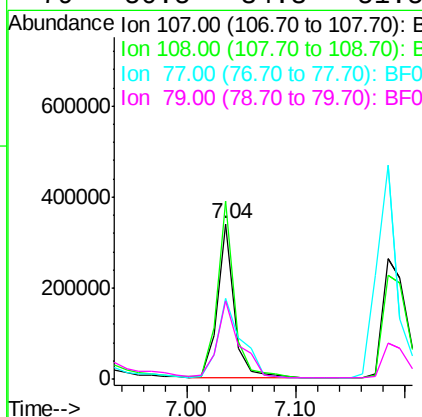
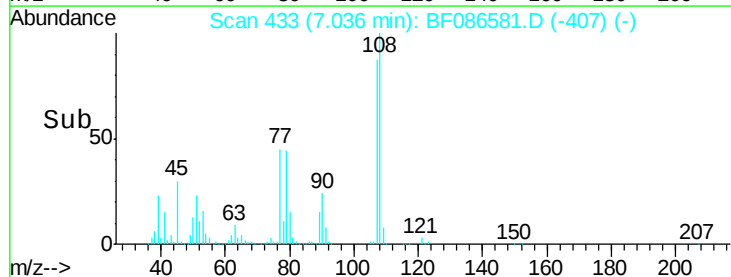
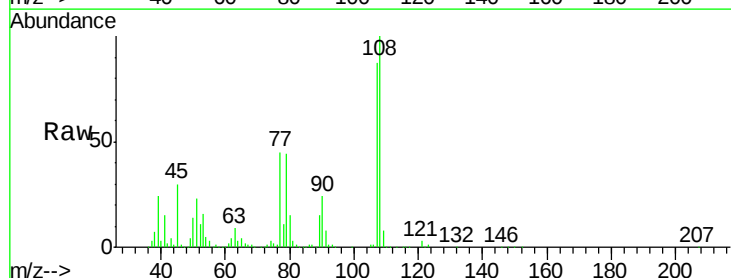
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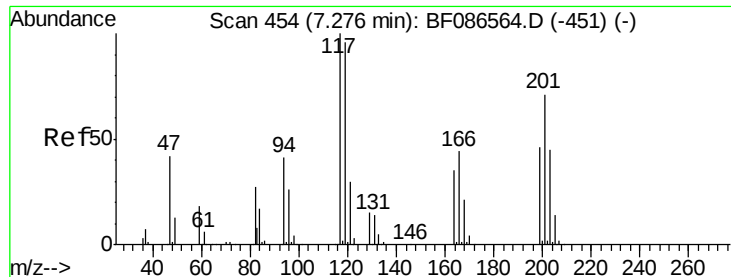
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#17
2-Methylphenol
Concen: 45.75 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	114.8	93.7	140.5
77	51.8	33.4	50.0#
79	50.5	34.3	51.5





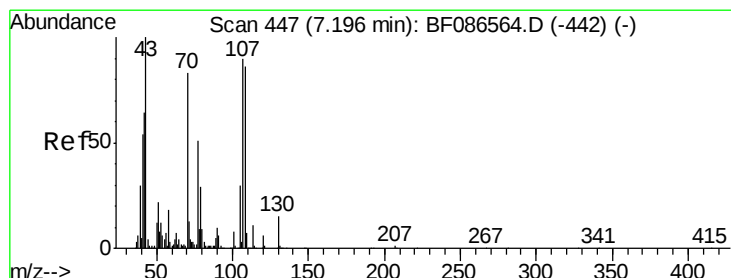
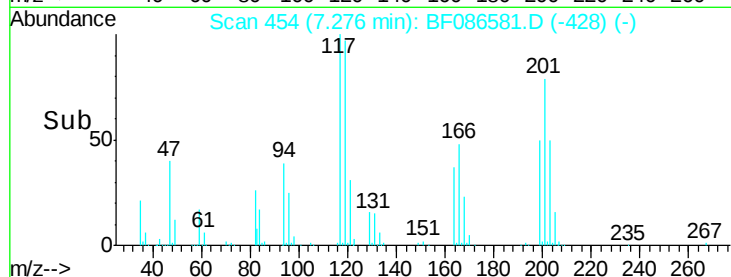
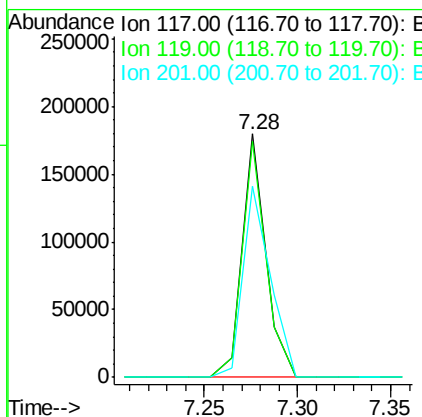
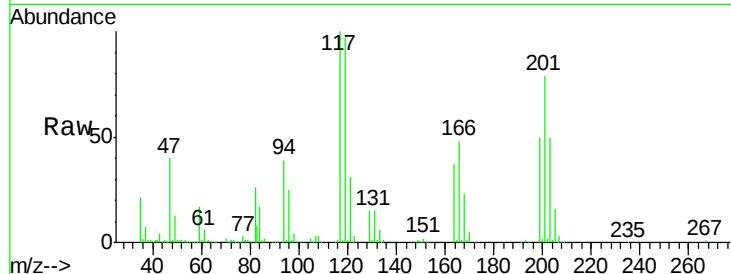
#18
Hexachloroethane
Concen: 38.21 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	158888		
119	96.9	76.5	114.7	
201	78.7	63.0	94.6	

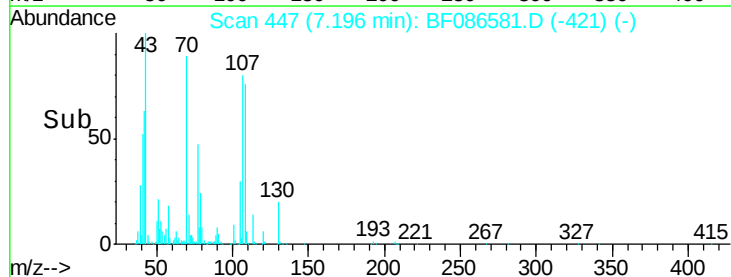
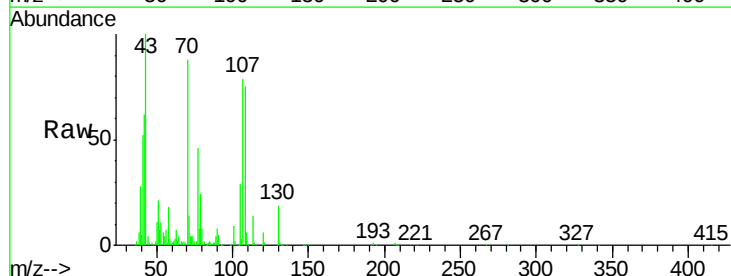
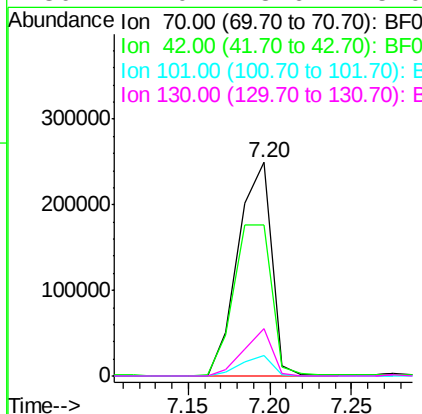
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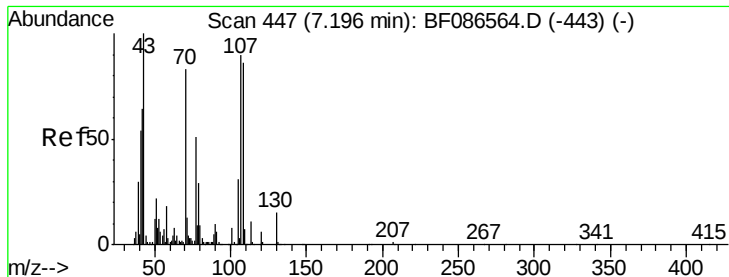
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#19
n-Nitroso-di-n-propylamine
Concen: 47.92 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	355875		
42	70.6	43.1	64.7#	
101	9.7	8.1	12.1	
130	22.0	18.6	28.0	





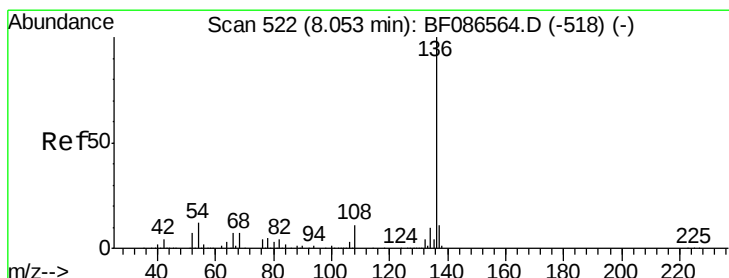
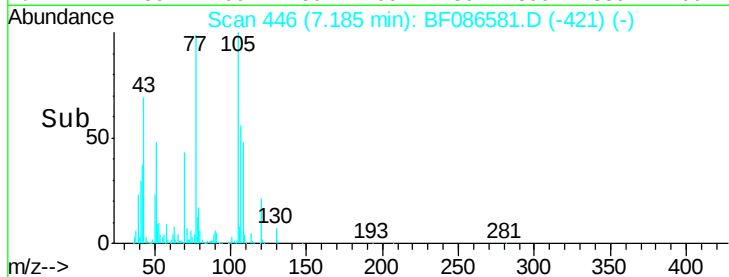
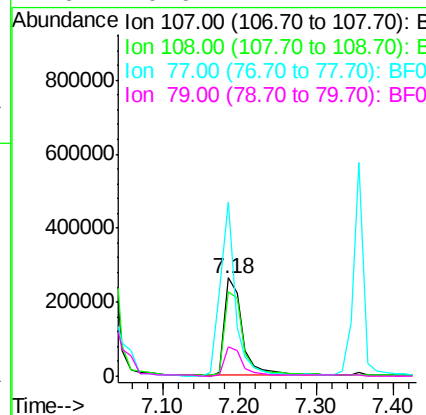
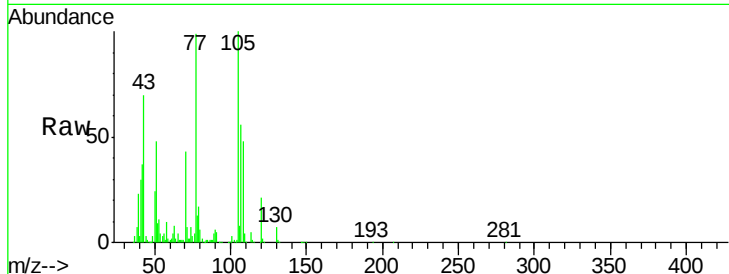
#20
3+4-Methylphenols
Concen: 47.46 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	439127		
108	85.3	68.5	108.5	
77	176.6	101.6	141.6#	
79	29.9	7.4	47.4	

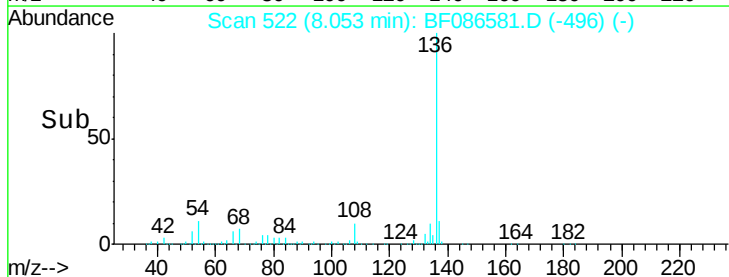
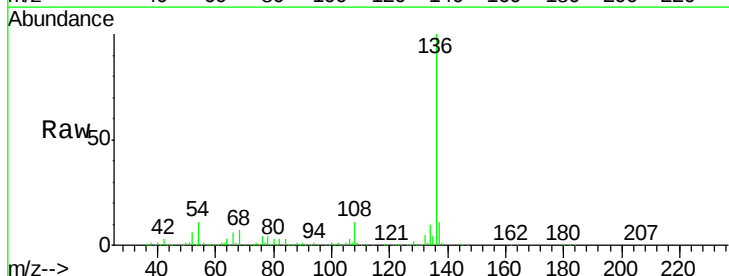
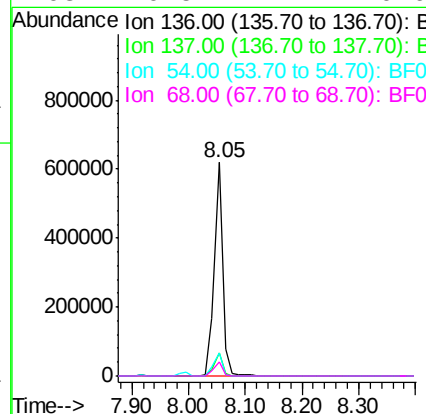
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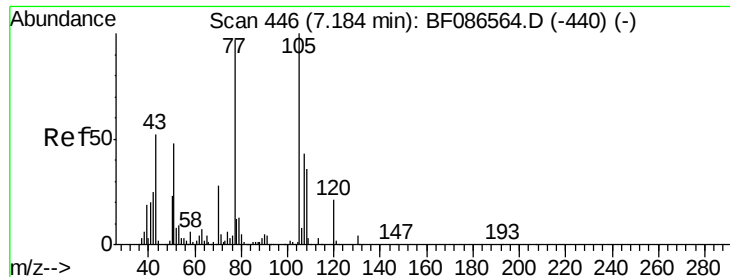
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	614254		
137	10.8	8.8	13.2	
54	11.0	5.0	7.4#	
68	6.5	4.4	6.6	





#22

Acetophenone

Concen: 46.80 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086581.D

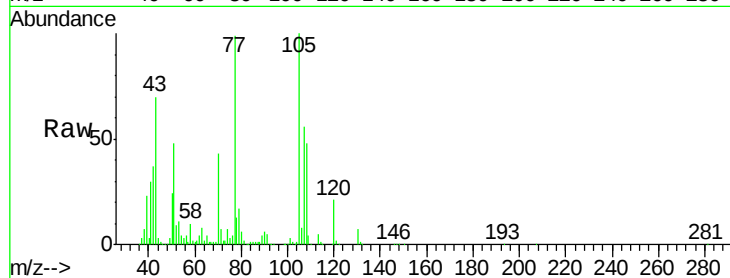
Acq: 1 May 2016 20:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion:105 Resp: 630365

Ion Ratio Lower Upper

105 100

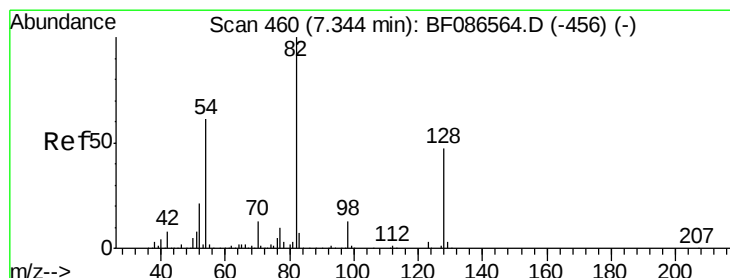
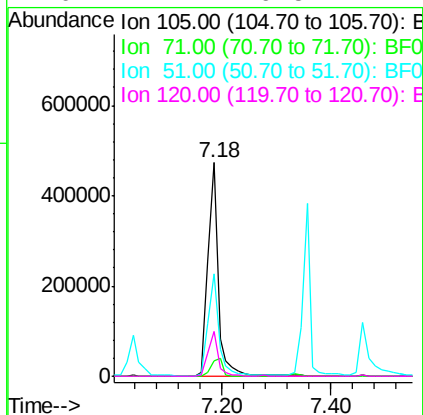
71 7.3 4.8 7.2#

51 48.1 32.6 49.0

120 21.1 16.5 24.7

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#23

Nitrobenzene-d5

Concen: 87.33 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

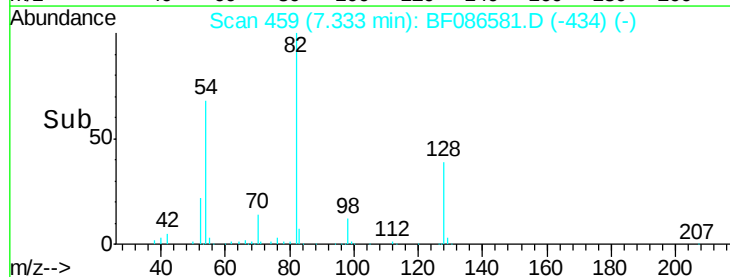
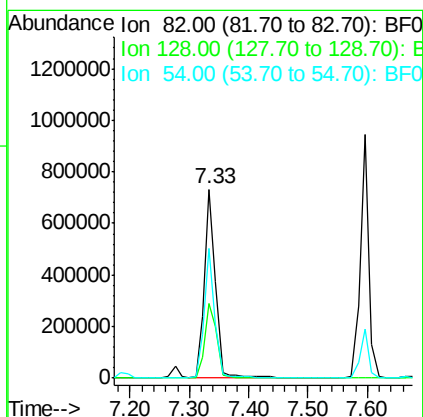
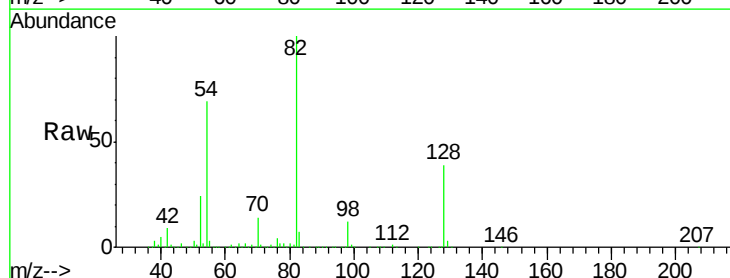
Tgt Ion: 82 Resp: 995228

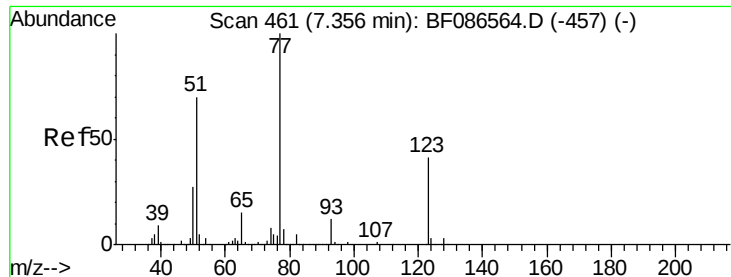
Ion Ratio Lower Upper

82 100

128 39.4 40.6 61.0#

54 68.7 38.1 57.1#





#24

Nitrobenzene

Concen: 45.84 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF086581.D

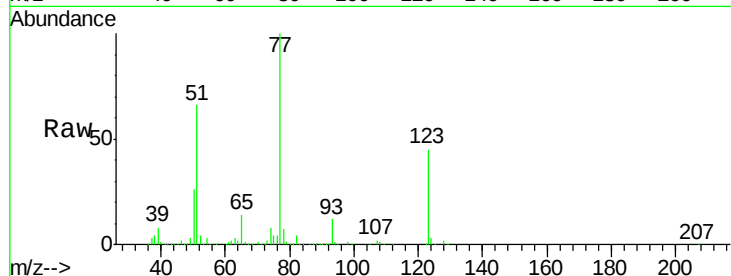
Acq: 1 May 2016 20:16

Instrument :

BNA_F

ClientSampleId :

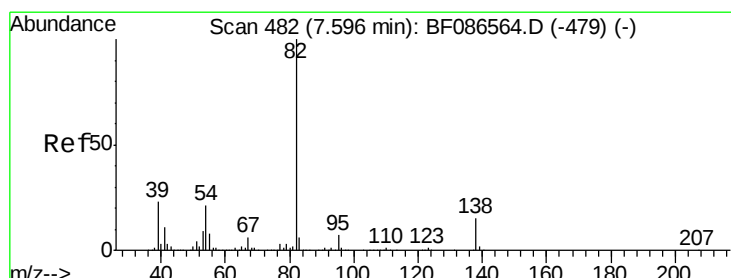
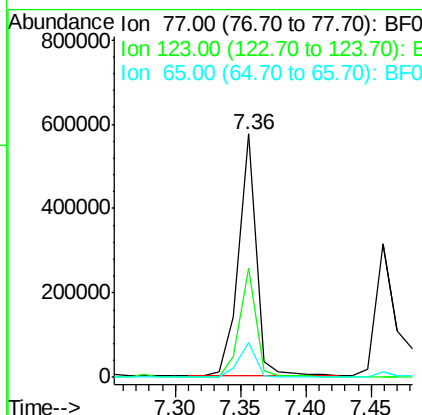
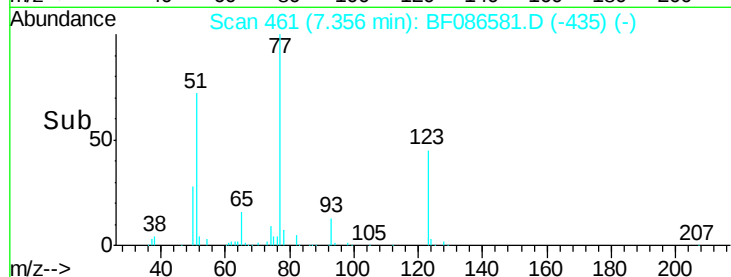
26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion:	77	Resp:	537379
Ion Ratio	Lower	Upper	
77	100		
123	44.8	33.0	49.4
65	14.5	10.8	16.2

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#25

Isophorone

Concen: 42.75 ng

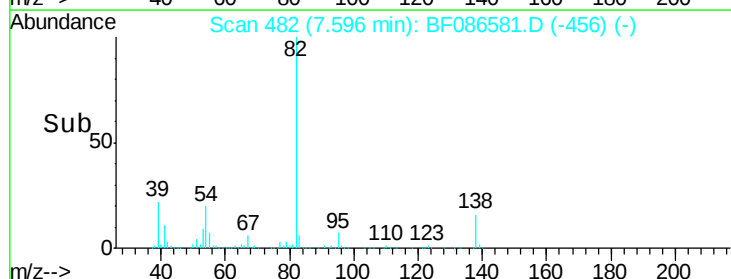
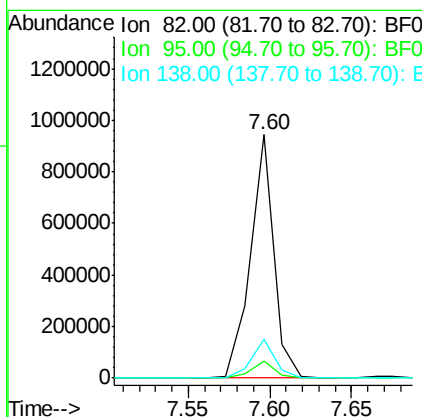
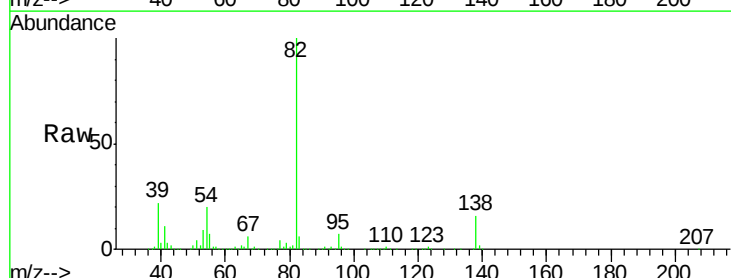
RT: 7.60 min Scan# 482

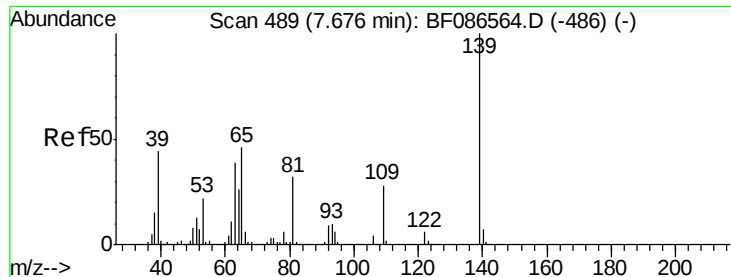
Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Tgt Ion:	82	Resp:	937671
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.1	7.7
138	15.9	12.4	18.6





#26

2-Nitrophenol

Concen: 44.00 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

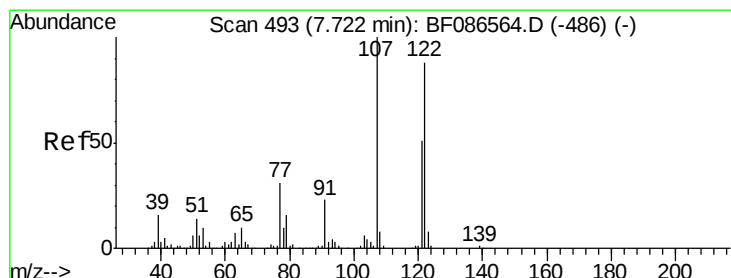
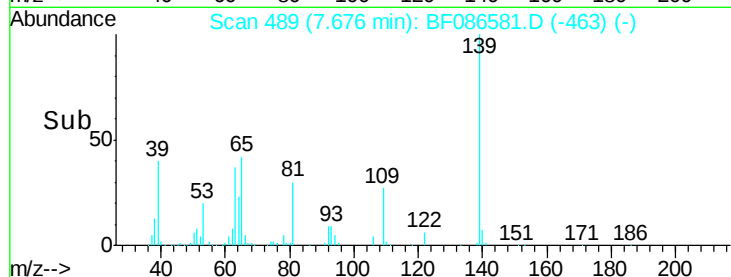
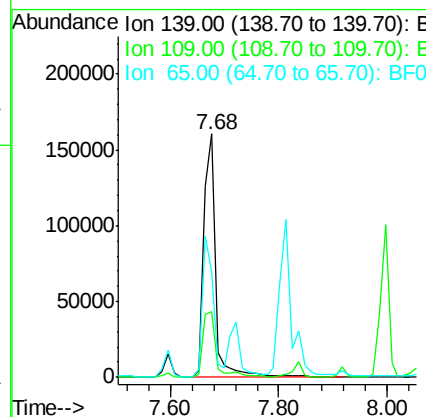
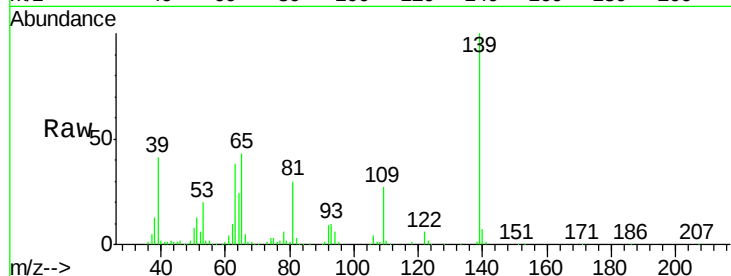
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:	139	Resp:	237499
Ion Ratio	Lower	Upper	
139	100		
109	26.8	19.5	29.3
65	43.1	37.5	56.3

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#27

2,4-Dimethylphenol

Concen: 45.90 ng

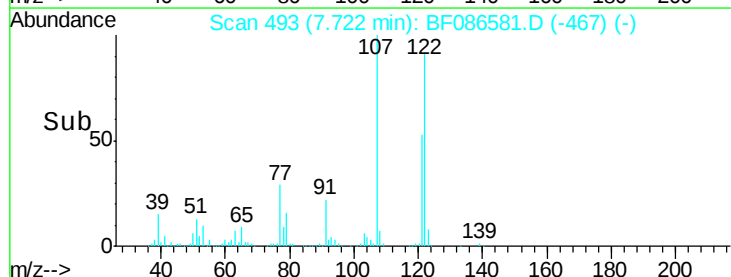
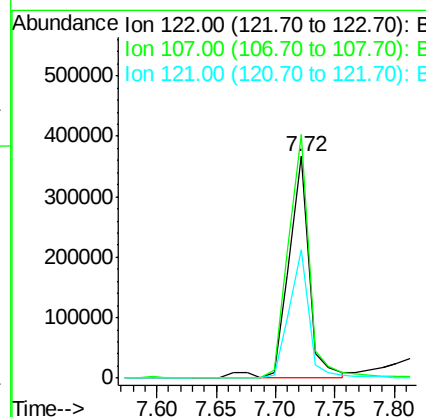
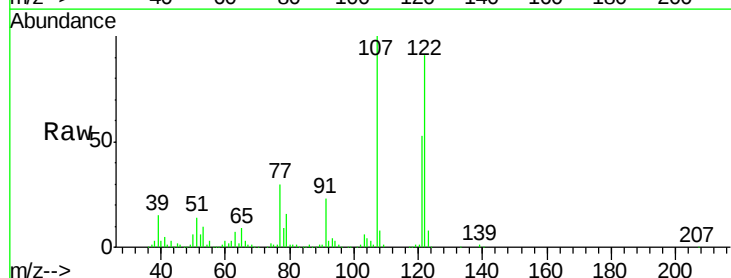
RT: 7.72 min Scan# 493

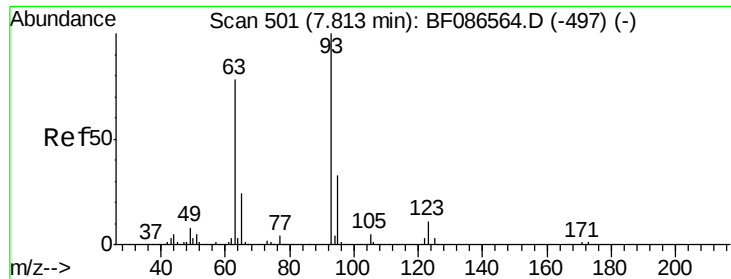
Delta R.T. 0.00 min

Lab File: BF086581.D

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Tgt Ion:	122	Resp:	434721
Ion Ratio	Lower	Upper	
122	100		
107	110.0	82.0	123.0
121	58.1	46.1	69.1





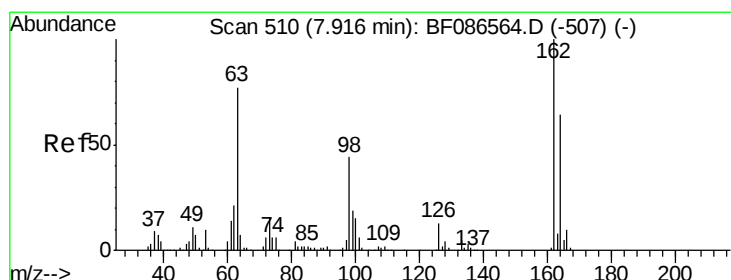
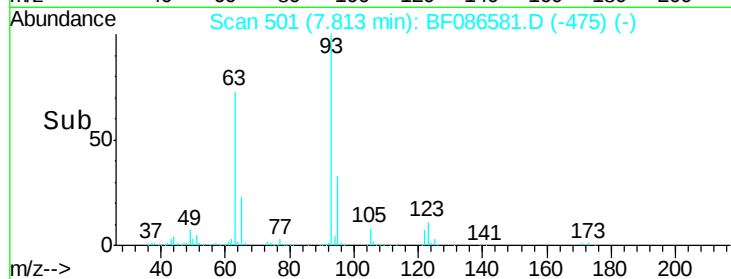
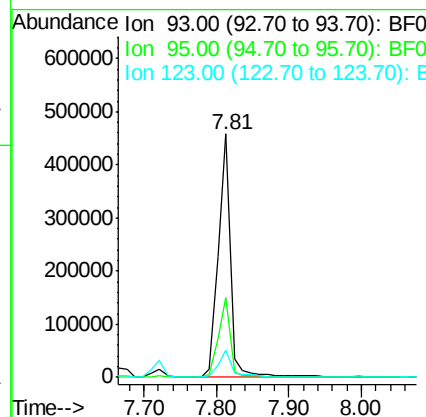
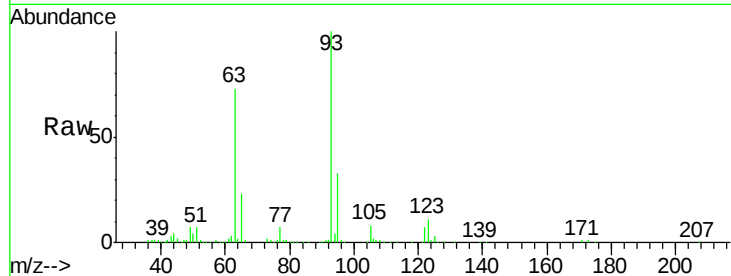
#28
bis(2-Chloroethoxy)methane
Concen: 44.66 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	26.0	39.0	
123	11.2	9.5	14.3	

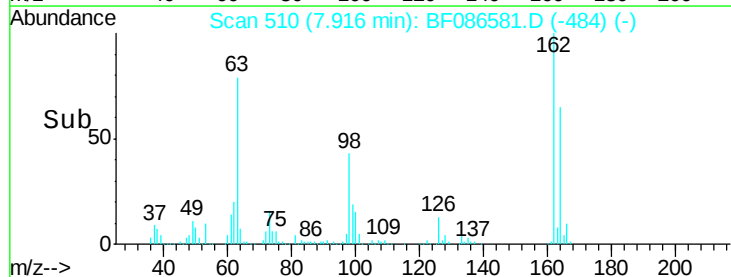
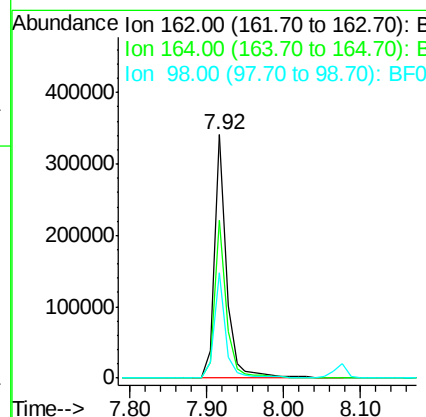
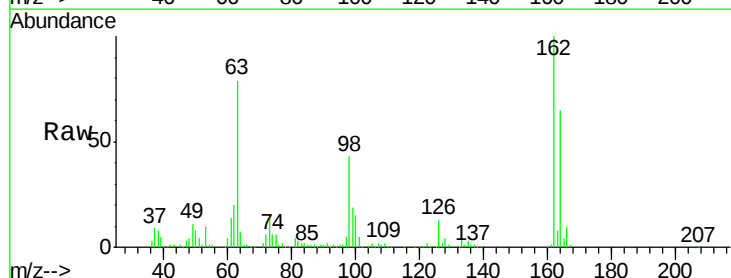
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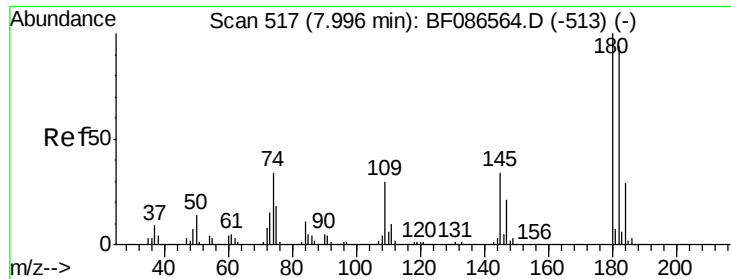
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#29
2,4-Dichlorophenol
Concen: 46.36 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.7	42.2	82.2	
98	43.4	19.0	59.0	





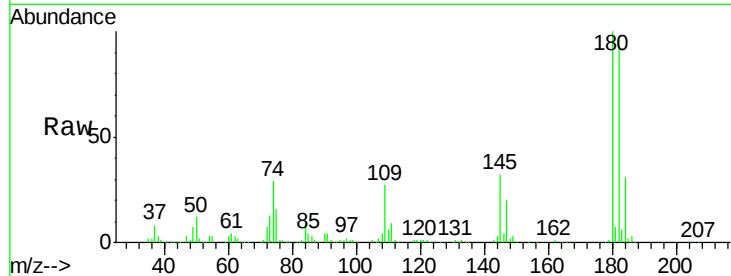
#30
1,2,4-Trichlorobenzene
Concen: 41.55 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

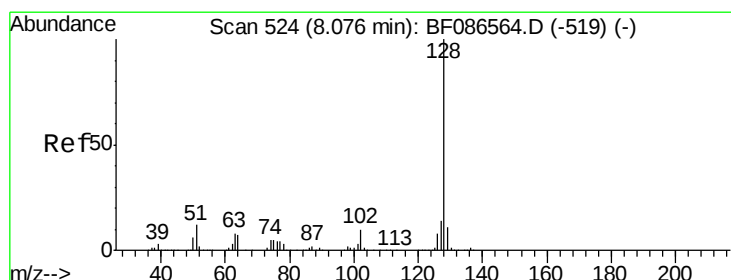
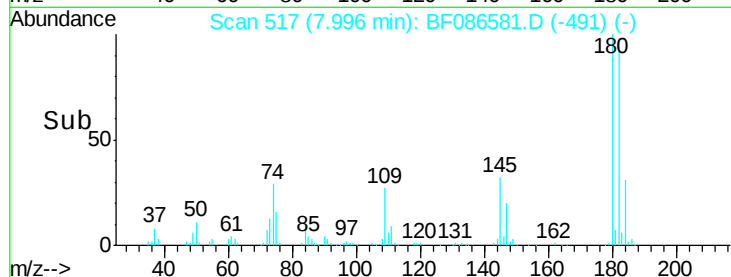
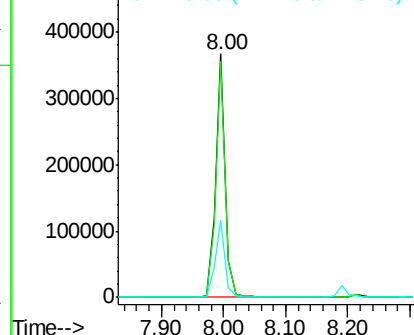
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	385197		
182	97.0	78.0	117.0	
145	31.7	24.2	36.2	

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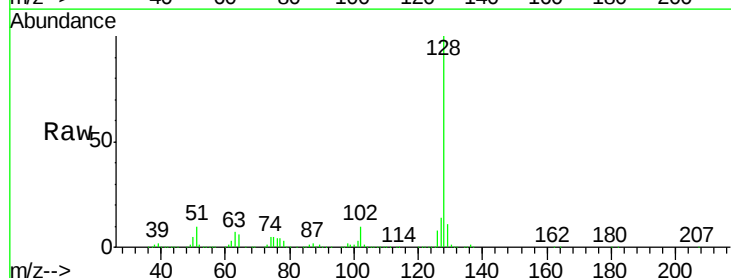


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

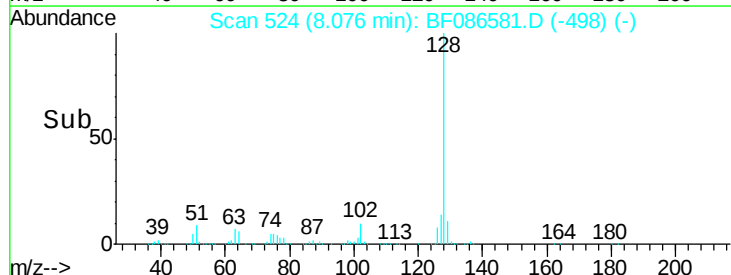
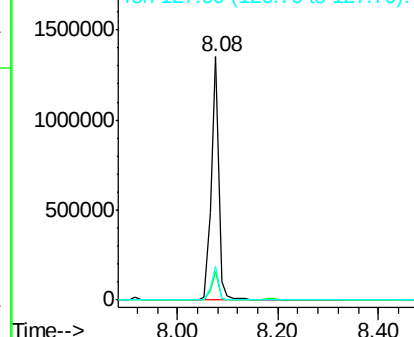


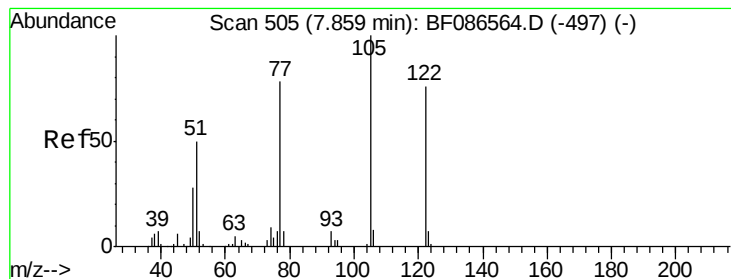
#31
Naphthalene
Concen: 44.78 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1399520		
129	11.5	8.6	13.0	
127	13.7	10.8	16.2	



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





#32

Benzoic acid

Concen: 40.19 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF086581.D

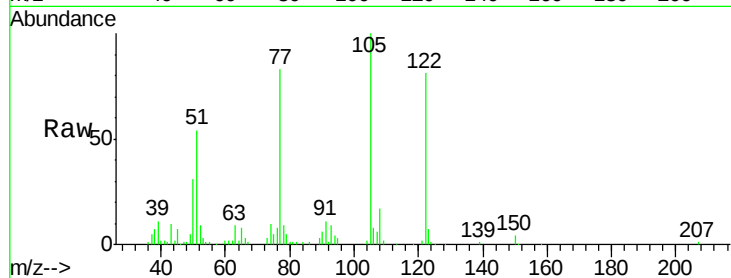
Acq: 1 May 2016 20:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion:122 Resp: 220458

Ion Ratio Lower Upper

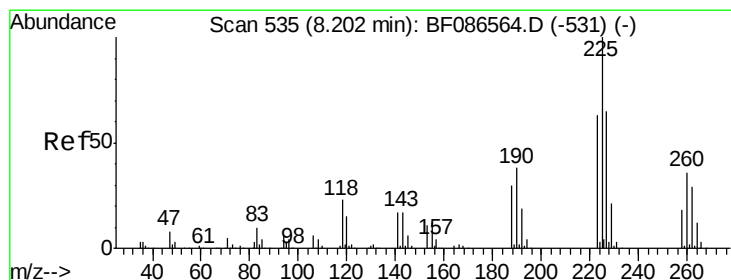
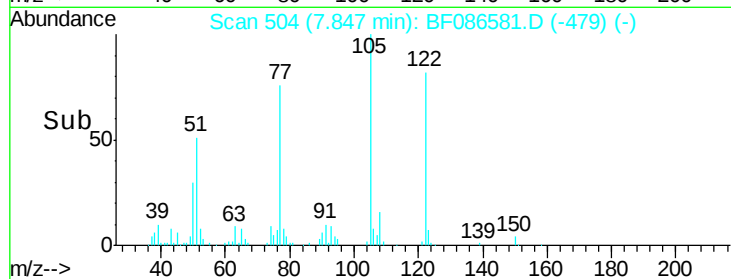
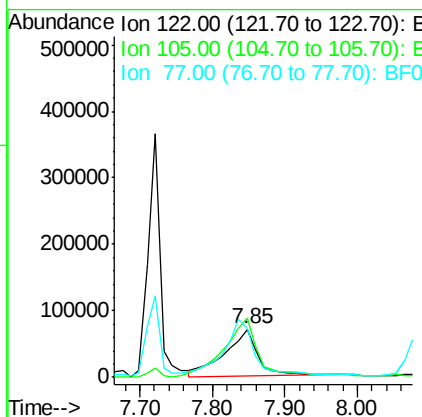
122 100

105 123.3 92.6 132.6

77 102.4 60.0 100.0#

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#34

Hexachlorobutadiene

Concen: 38.27 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

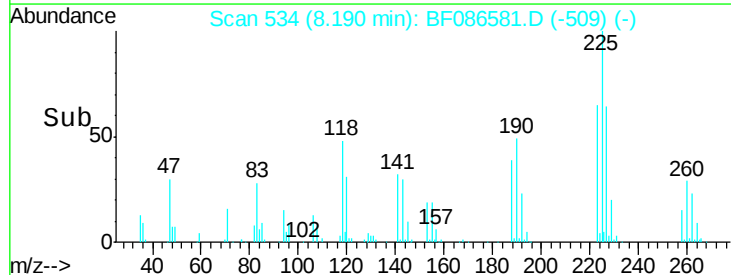
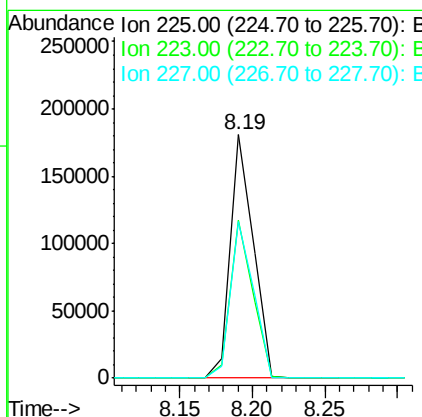
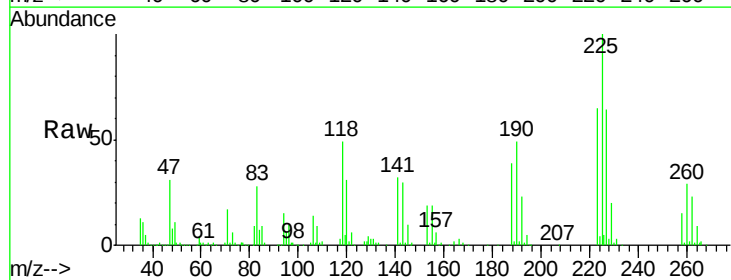
Tgt Ion:225 Resp: 198849

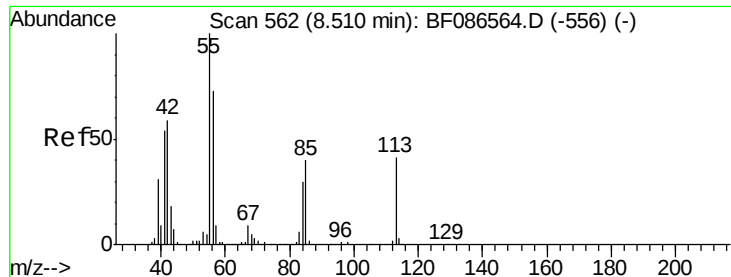
Ion Ratio Lower Upper

225 100

223 64.9 51.5 77.3

227 64.1 52.2 78.2





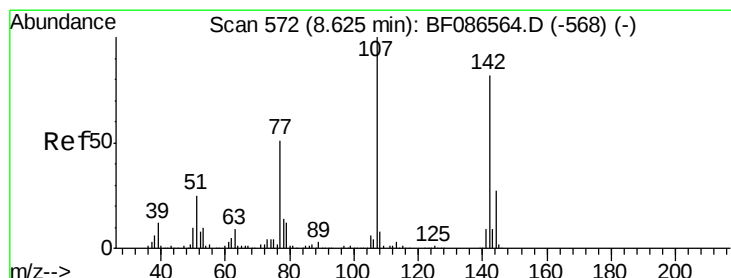
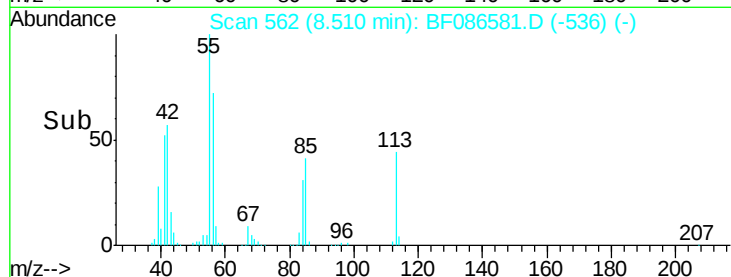
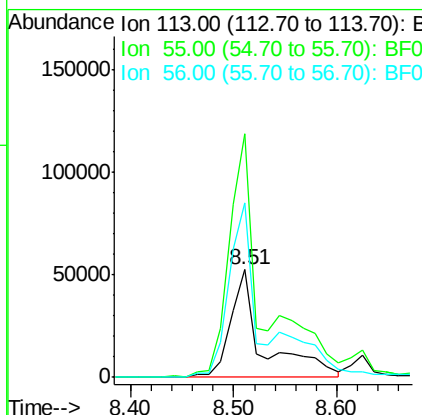
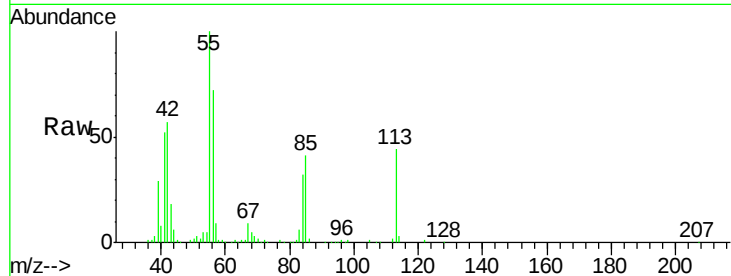
#35
 Caprolactam
 Concen: 42.81 ng m
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	226.3	162.0	202.0#	
56	162.1	115.3	155.3#	

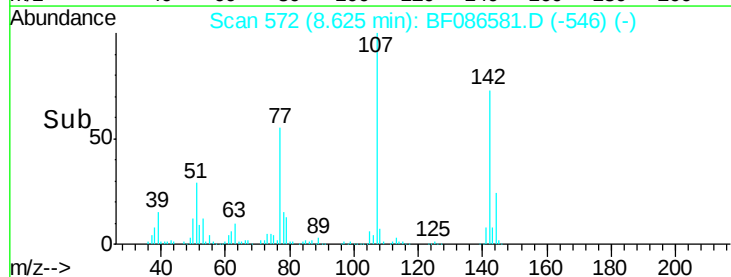
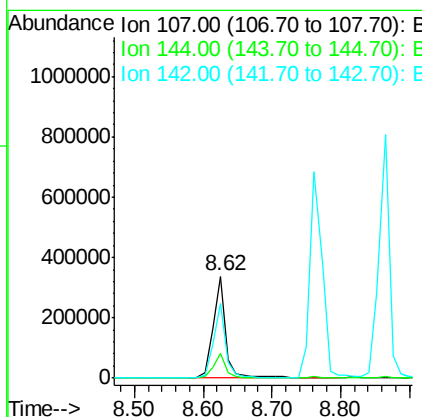
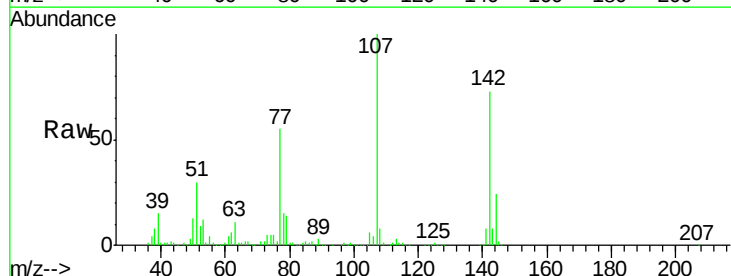
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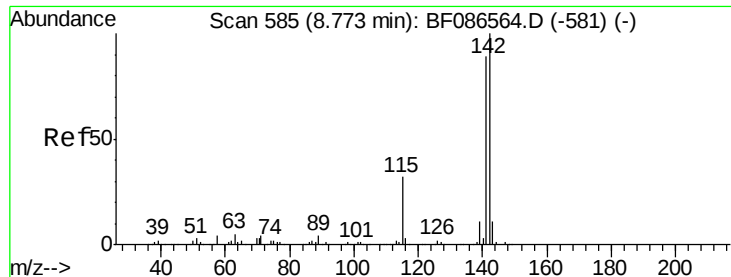
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#36
 4-Chloro-3-methylphenol
 Concen: 47.79 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.9	20.7	31.1	
142	73.2	63.2	94.8	





#37

2-Methylnaphthalene

Concen: 44.97 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

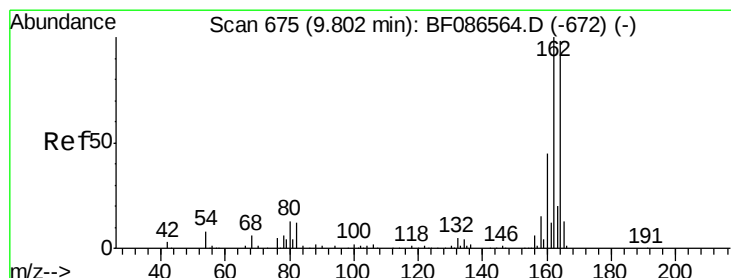
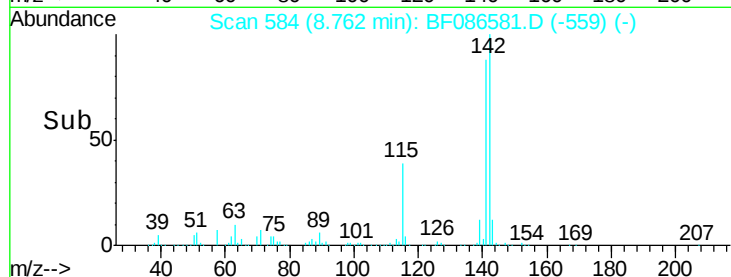
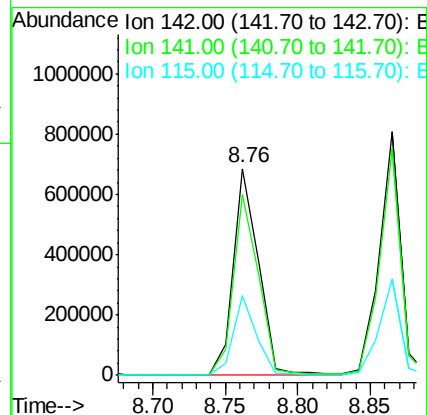
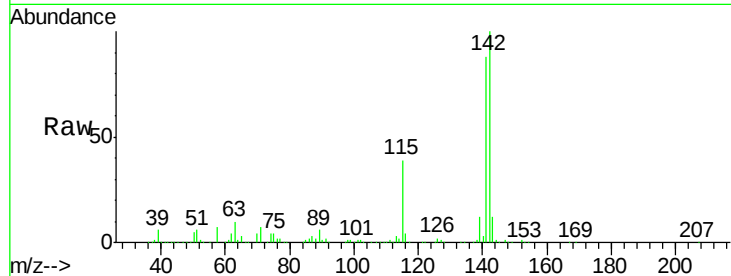
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:	142	Resp:	829464
Ion Ratio	Lower	Upper	
142	100		
141	87.7	71.0	106.6
115	38.7	26.6	39.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

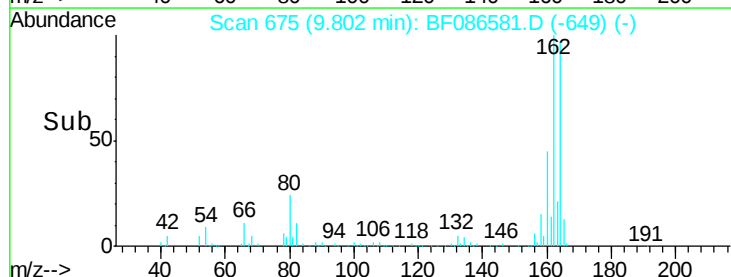
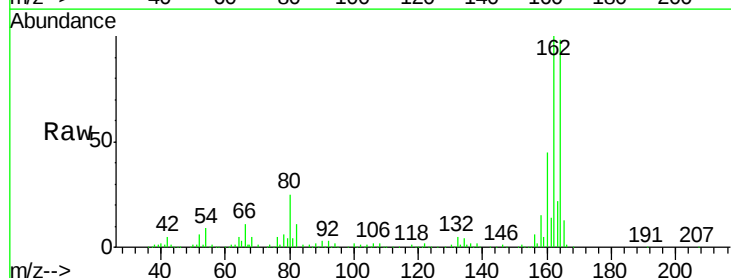
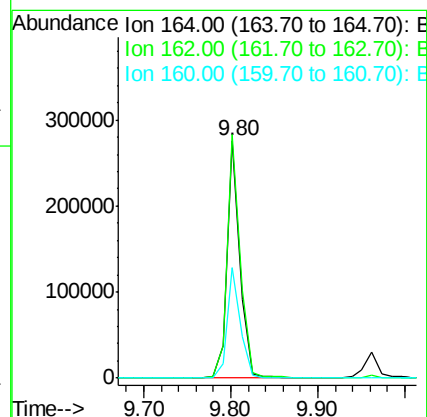
RT: 9.80 min Scan# 675

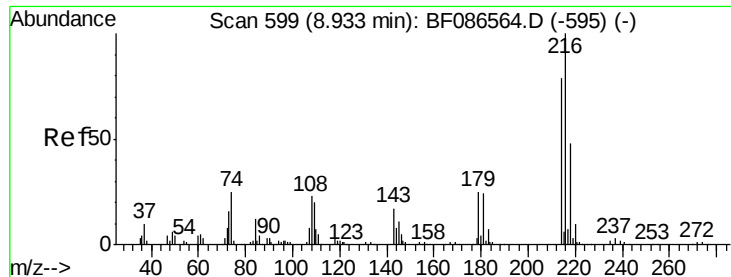
Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Tgt Ion:	164	Resp:	287015
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.8	124.2
160	46.5	36.9	55.3





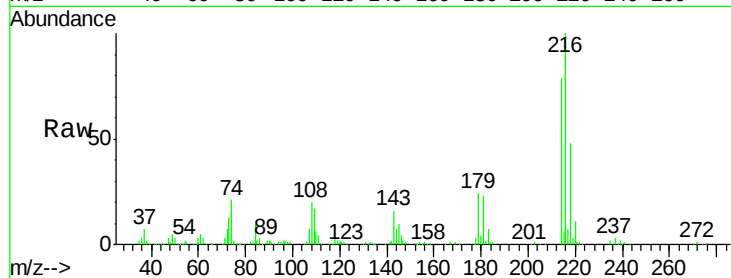
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.77 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

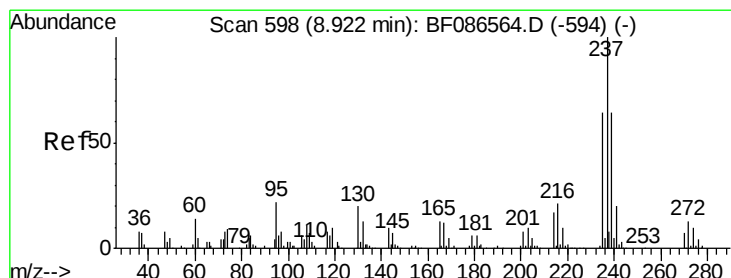
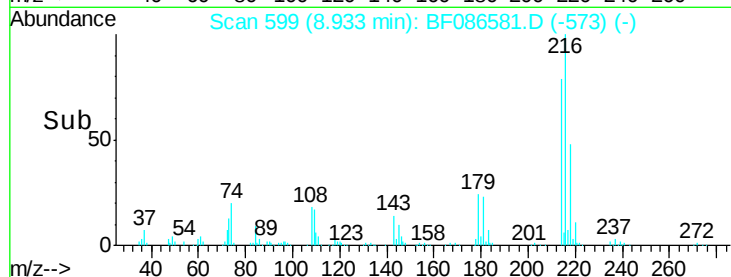
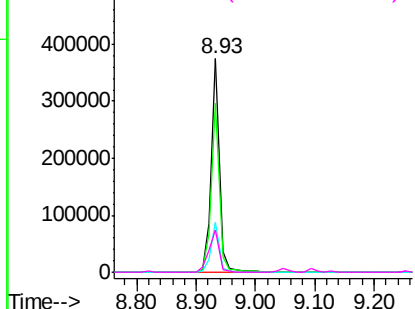
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		359560		
214	79.0	62.6	93.8		
179	23.6	18.2	27.4		
108	24.4	17.5	26.3		

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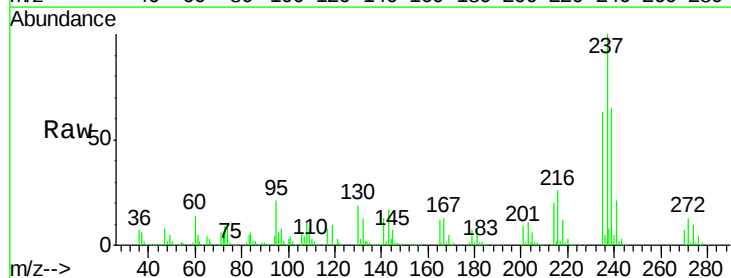


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

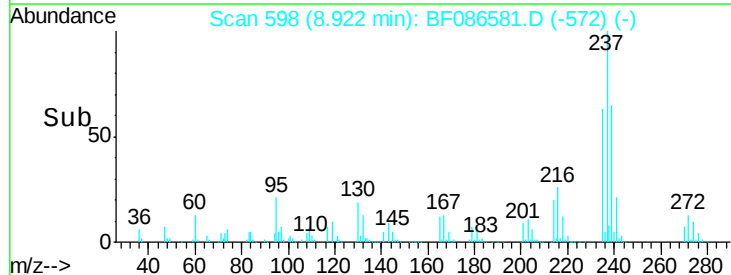
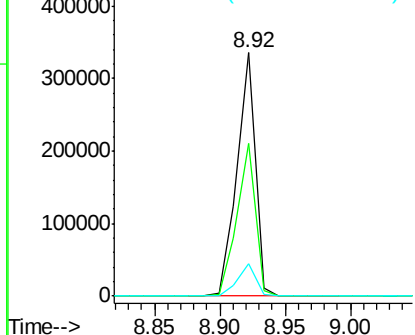


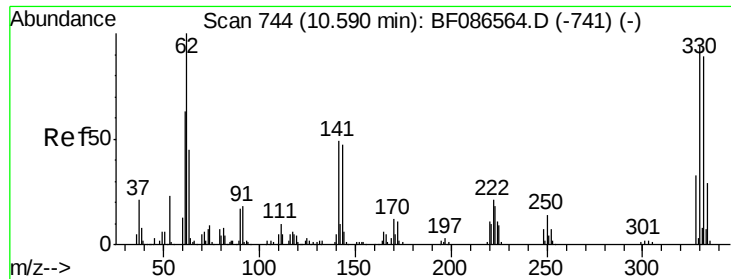
#40
 Hexachlorocyclopentadiene
 Concen: 80.18 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		327328		
235	62.8	47.2	87.2		
272	13.2	0.0	31.1		



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





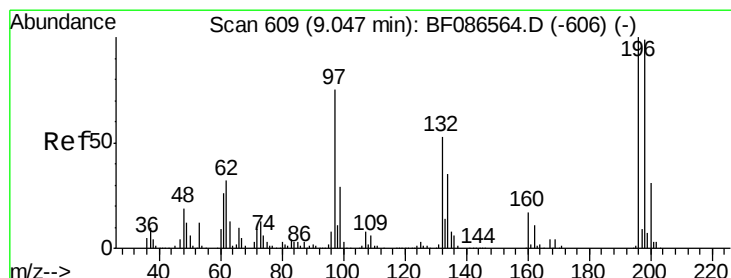
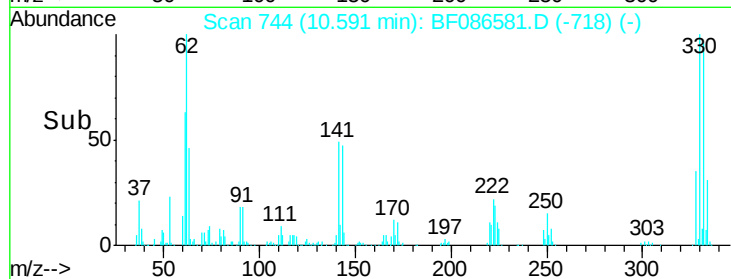
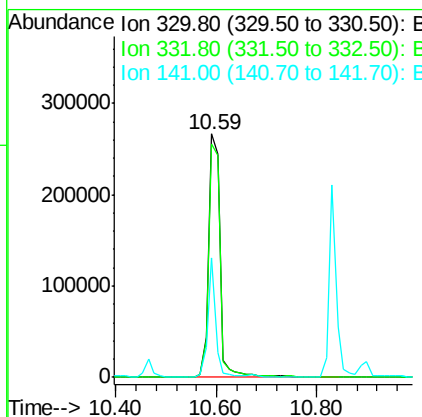
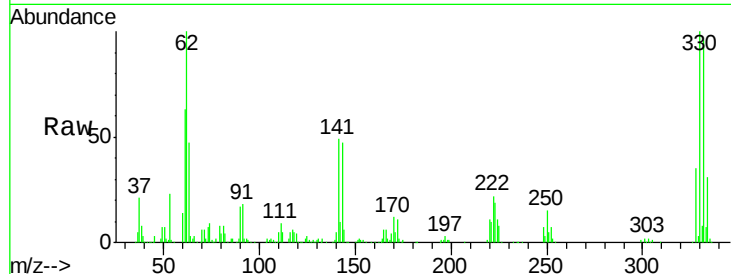
#41
 2,4,6-Tribromophenol
 Concen: 139.93 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	423524		
332	97.2	79.0	118.4	
141	33.1	31.2	46.8	

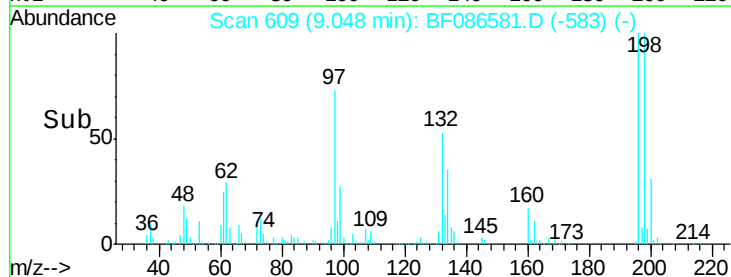
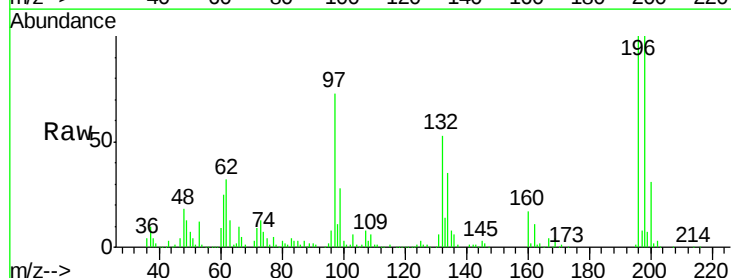
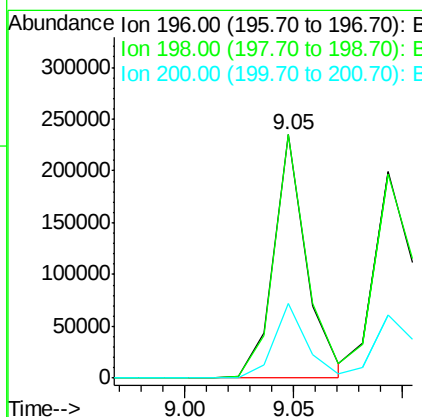
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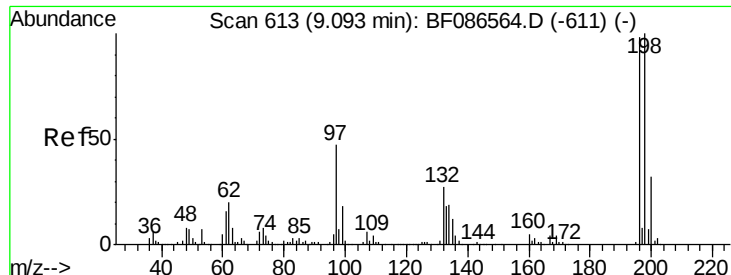
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#42
 2,4,6-Trichlorophenol
 Concen: 48.00 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249276		
198	99.9	74.7	112.1	
200	30.9	23.8	35.6	





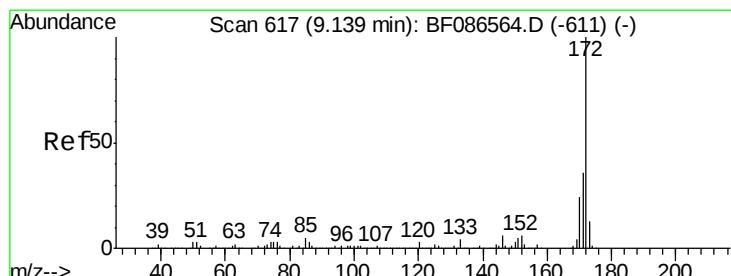
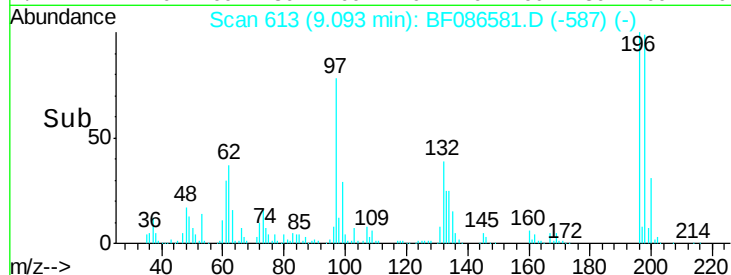
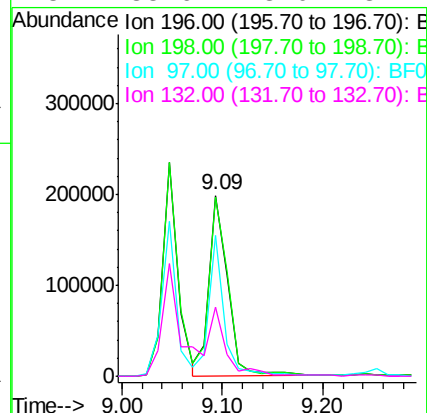
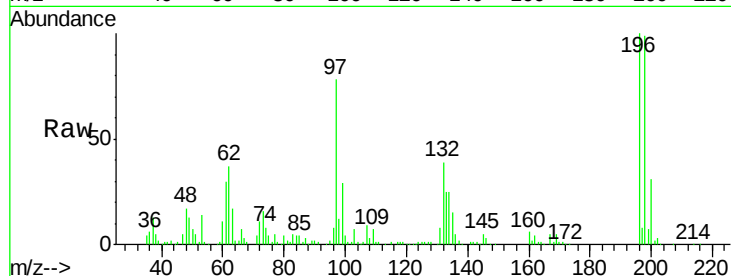
#43
2,4,5-Trichlorophenol
Concen: 44.95 ng
RT: 9.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	254427		
198	99.1	77.5	116.3	
97	77.7	34.8	52.2#	
132	38.6	23.0	34.4#	

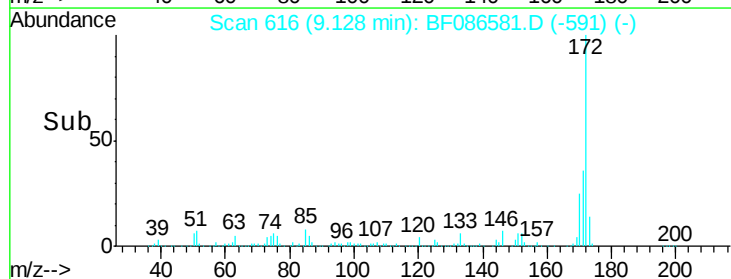
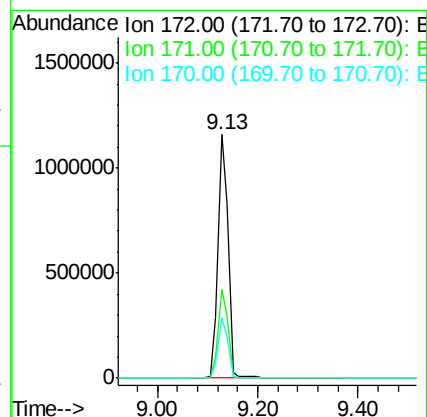
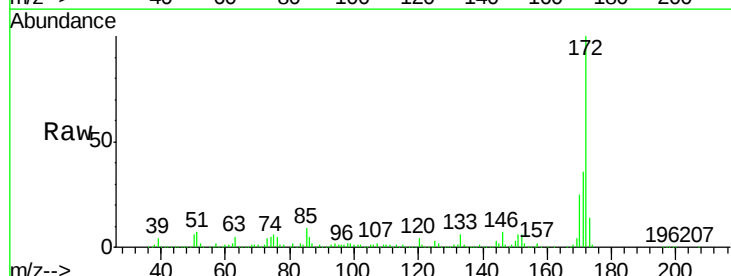
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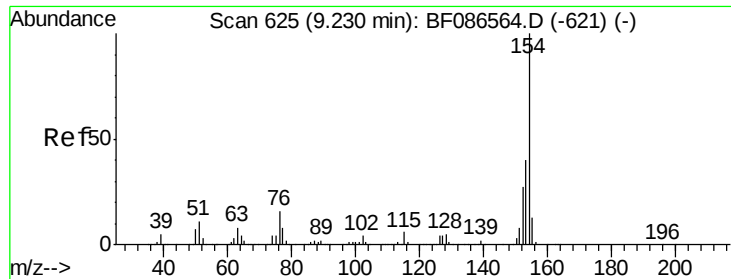
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#44
2-Fluorobiphenyl
Concen: 103.33 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1621030		
171	36.2	29.0	43.6	
170	24.7	19.8	29.8	





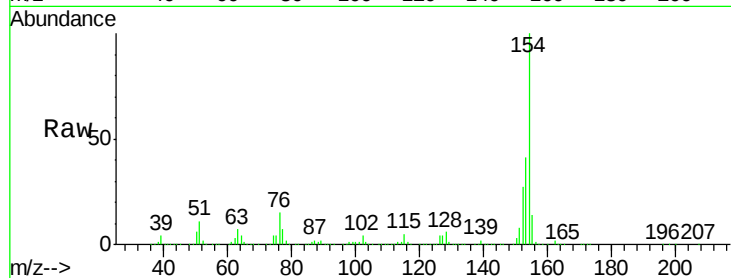
#45
 1,1'-Biphenyl
 Concen: 43.72 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

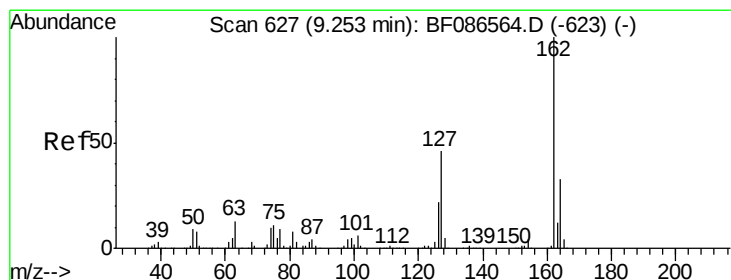
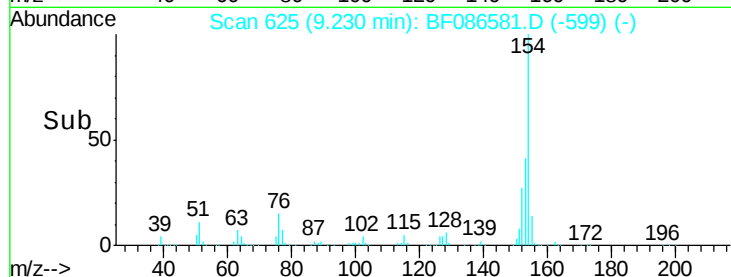
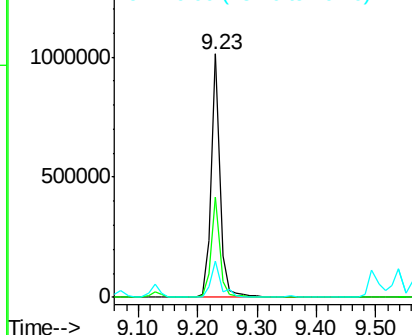
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.3	60.3
76	14.9	0.0	30.2

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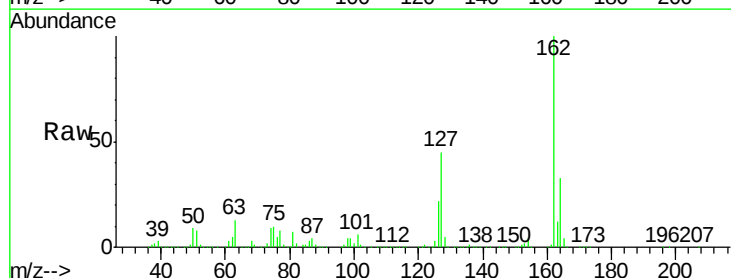


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

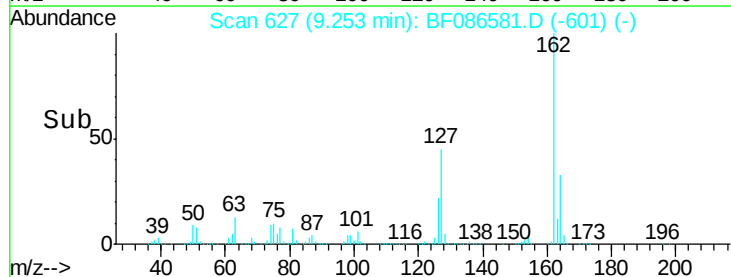
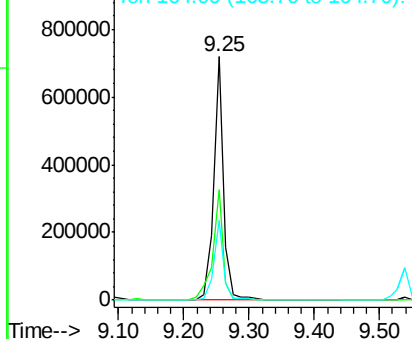


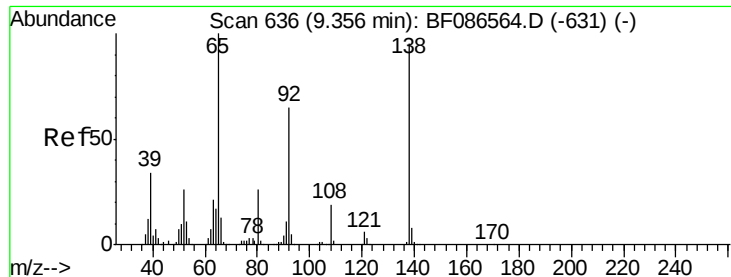
#46
 2-Chloronaphthalene
 Concen: 42.78 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.3	31.8	47.6
164	32.9	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.26 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

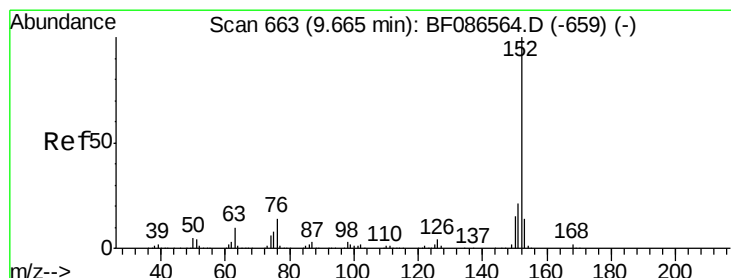
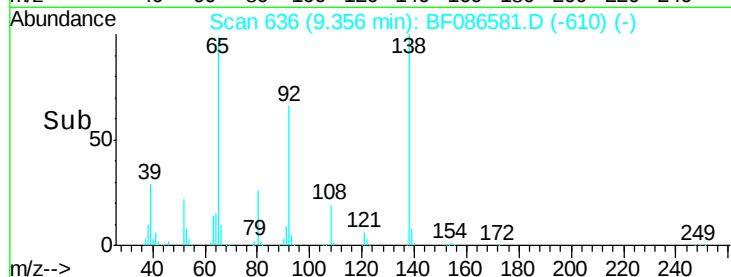
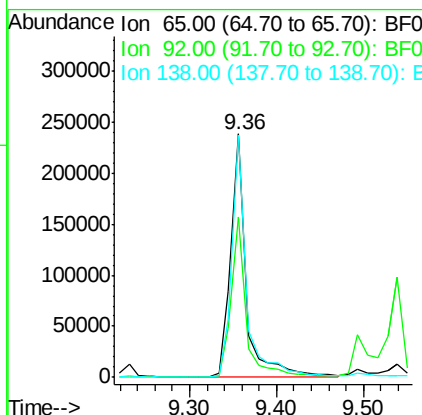
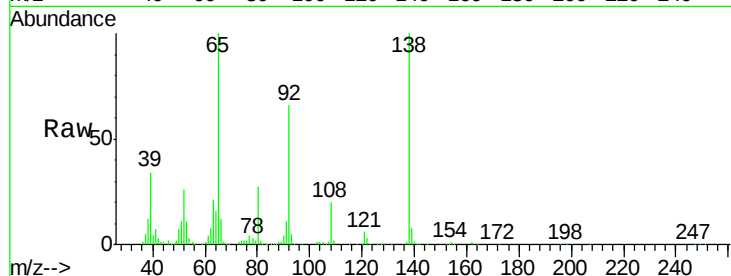
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

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Tgt Ion:	65	Resp:	299822
Ion Ratio	Lower	Upper	
65	100		
92	65.8	57.4	86.2
138	99.7	90.1	135.1



#48

Acenaphthylene

Concen: 41.87 ng

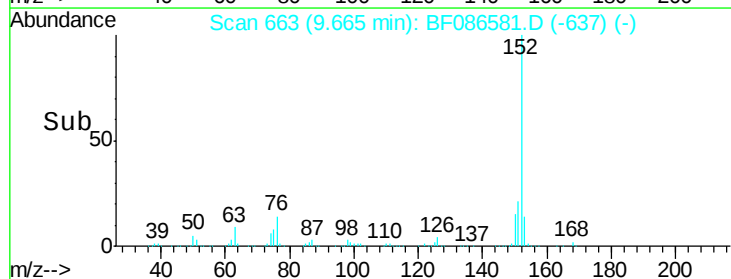
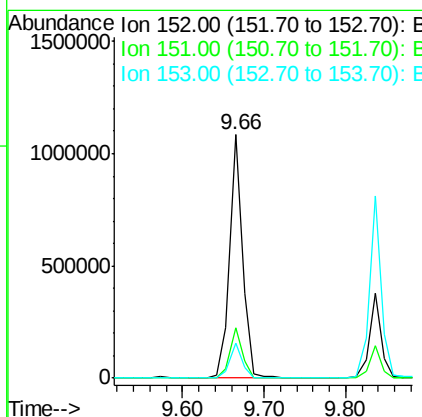
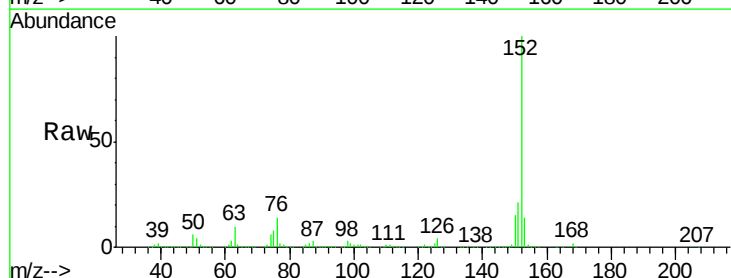
RT: 9.66 min Scan# 663

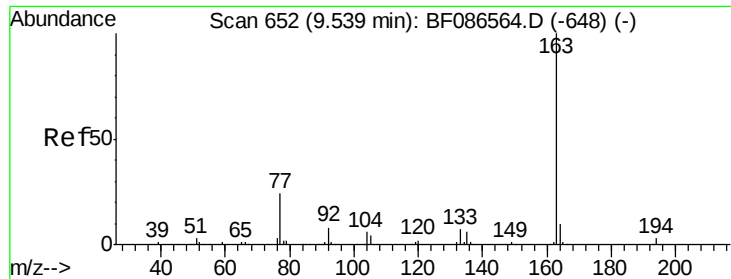
Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Tgt Ion:	152	Resp:	1193864
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	14.4	10.9	16.3





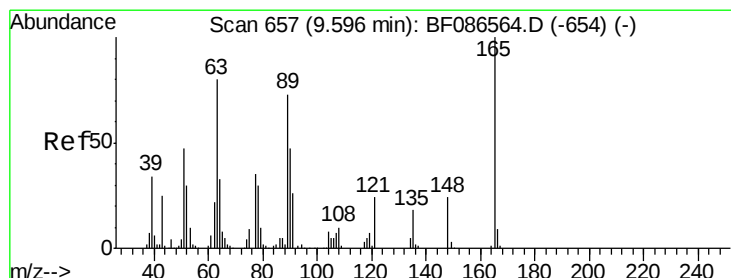
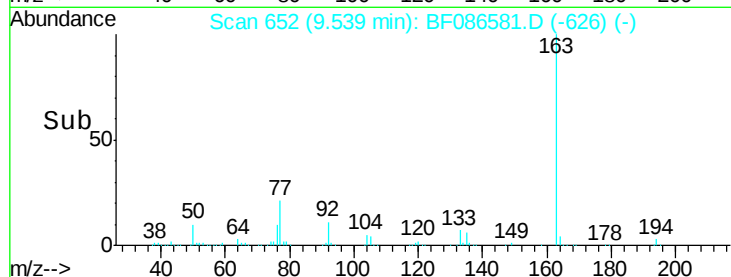
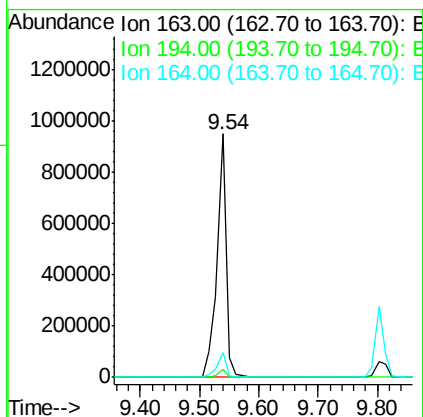
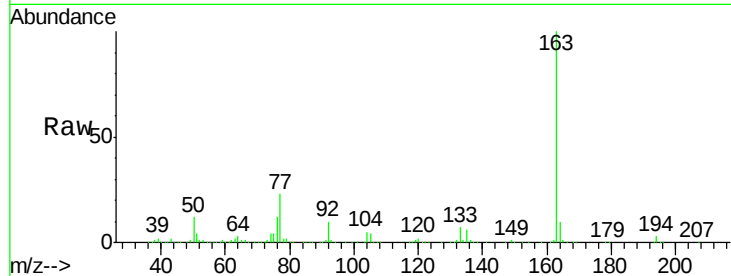
#49
Dimethylphthalate
Concen: 46.91 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.2	8.2	12.4

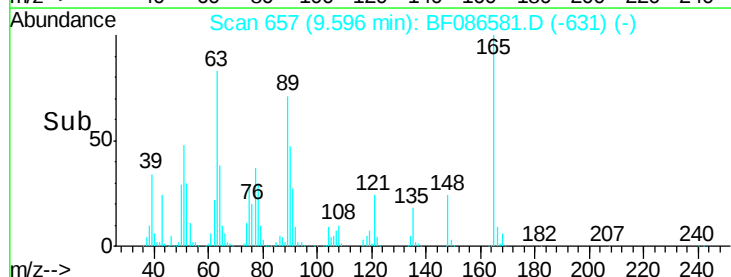
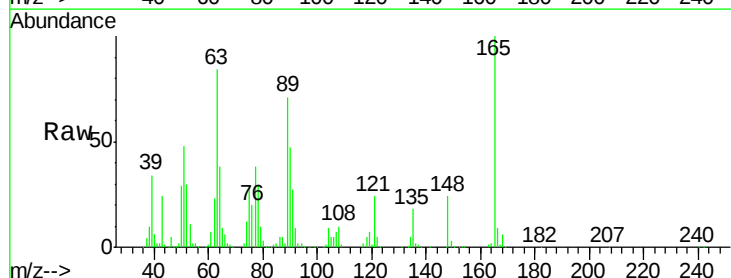
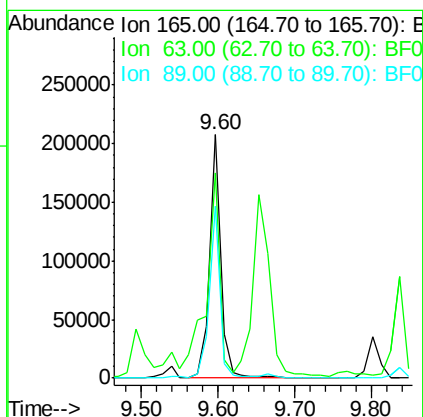
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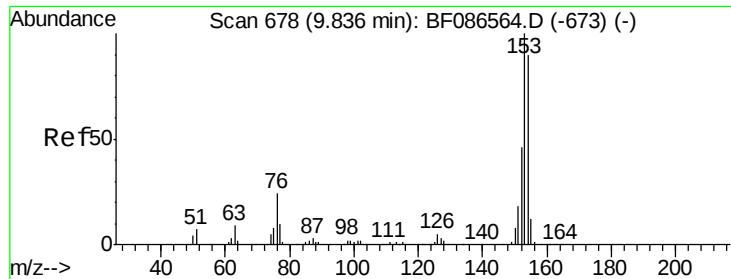
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#50
2,6-Dinitrotoluene
Concen: 47.39 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	84.1	51.8	77.8#
89	70.9	50.7	76.1





#51

Acenaphthene

Concen: 48.29 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

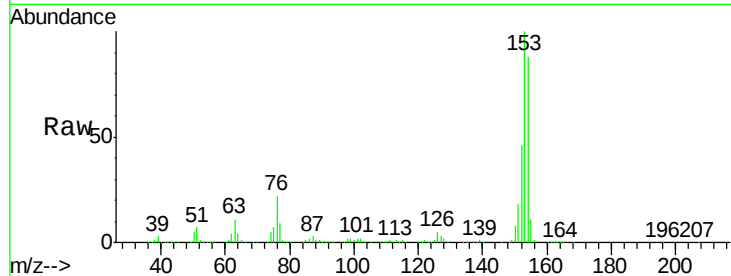
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

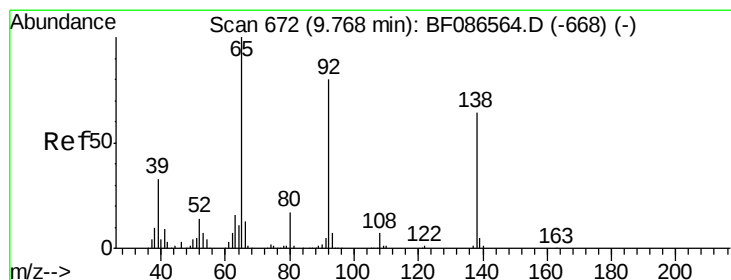
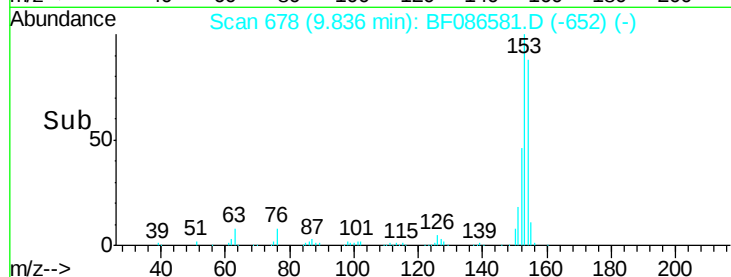
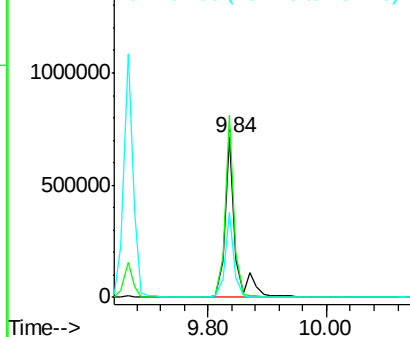
Tgt Ion:	154	Resp:	884399
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.8	134.6
152	52.8	43.4	65.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 9.19 ng

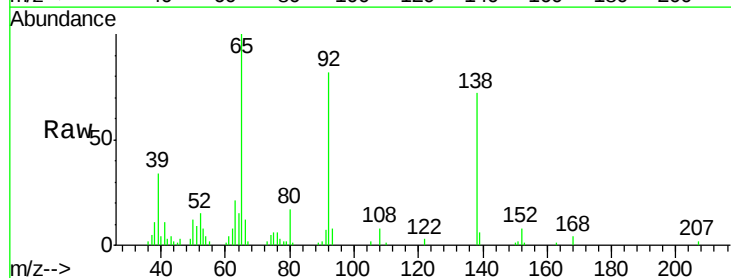
RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

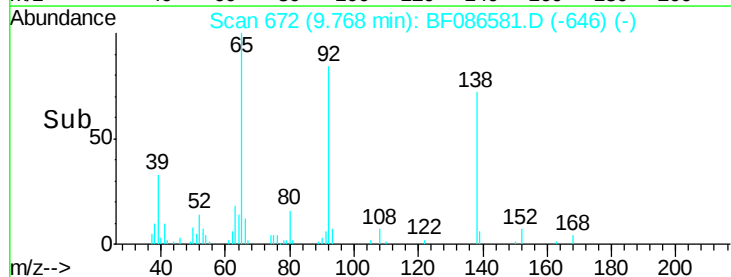
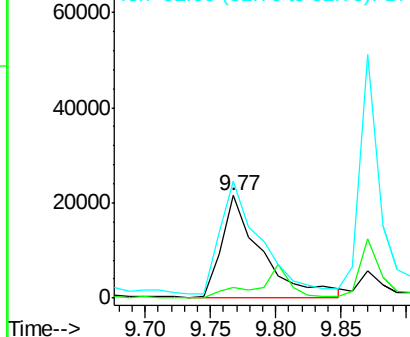
Lab File: BF086581.D

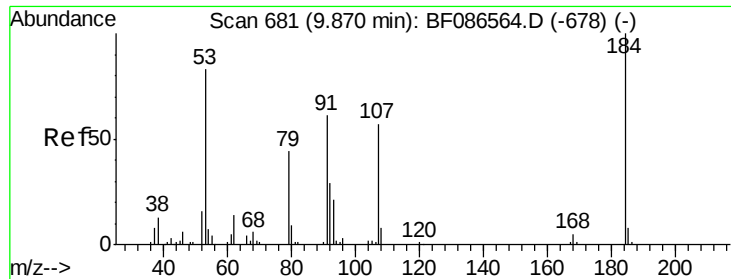
Acq: 1 May 2016 20:16

Tgt Ion:	138	Resp:	46666
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.8	11.6
92	113.6	87.8	131.8



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





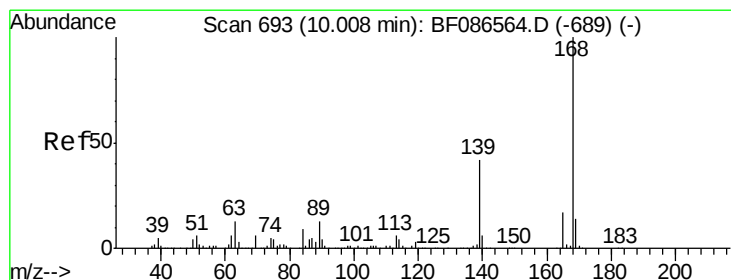
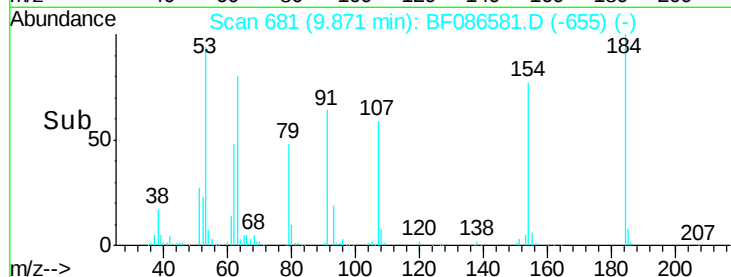
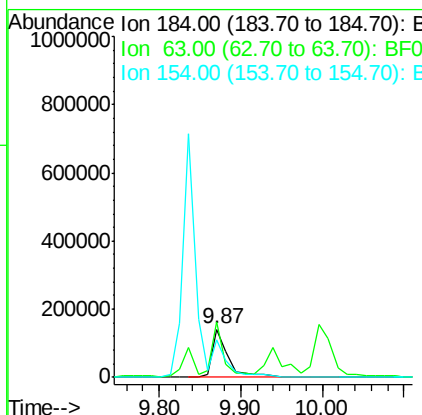
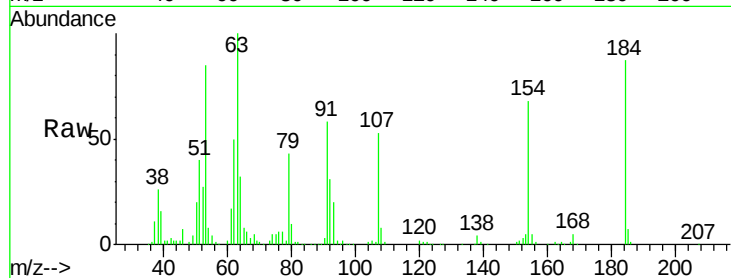
#53
2,4-Dinitrophenol
Concen: 82.38 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	201706		
63	114.5	55.8	83.8#	
154	77.6	62.4	93.6	

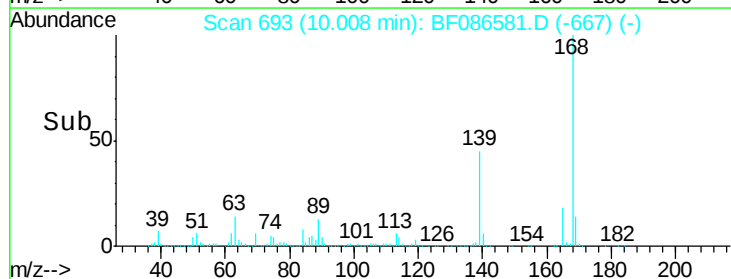
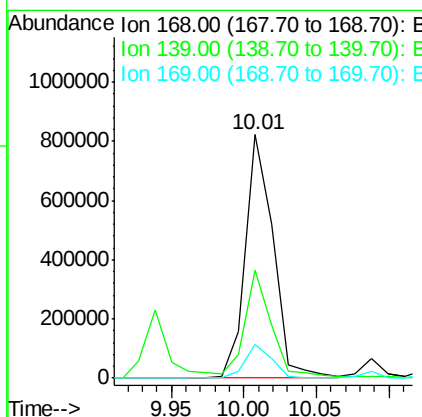
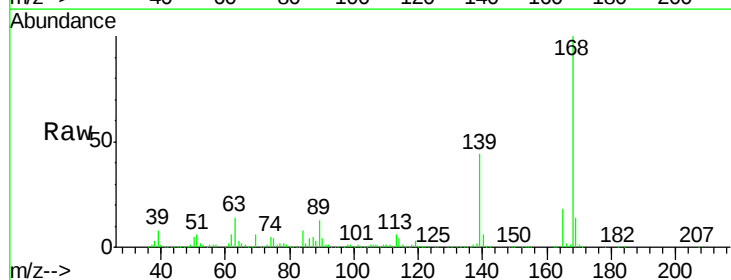
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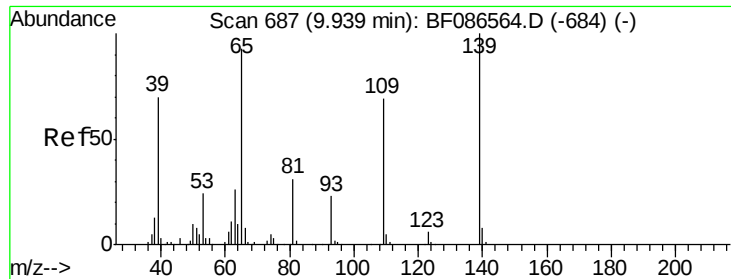
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#54
Dibenzofuran
Concen: 47.74 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1092620		
139	44.4	31.4	47.0	
169	14.0	10.7	16.1	





#55

4-Nitrophenol

Concen: 82.43 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:139 Resp: 274002
Ion Ratio Lower Upper

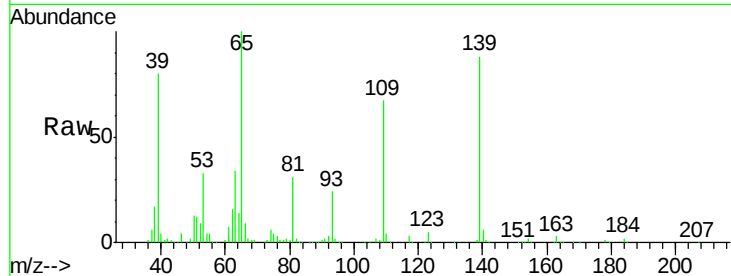
139 100

109 75.9 36.9 76.9

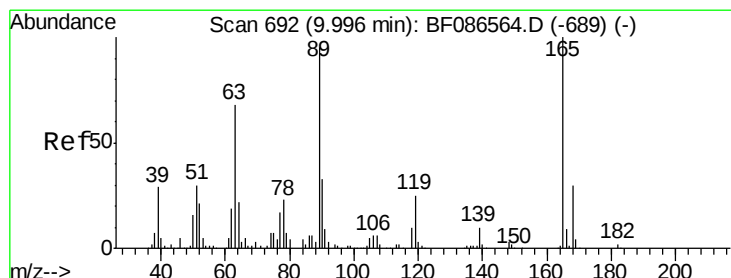
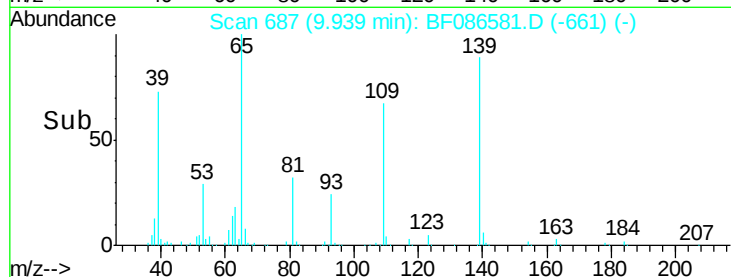
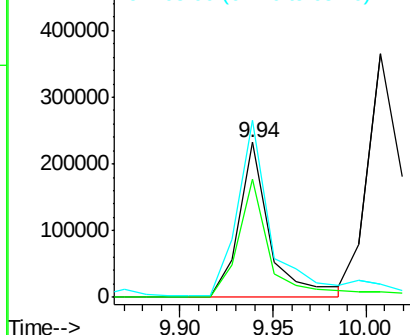
65 113.8 64.0 104.0#

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



#56

2,4-Dinitrotoluene

Concen: 48.00 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Tgt Ion:165 Resp: 273131
Ion Ratio Lower Upper

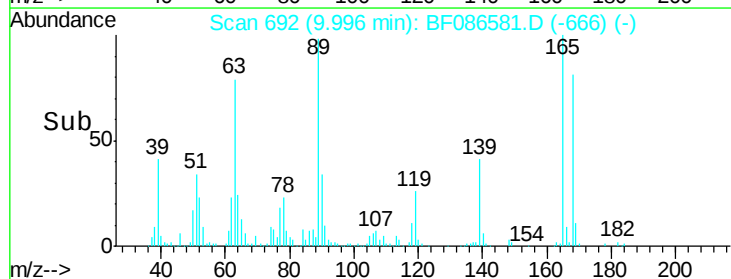
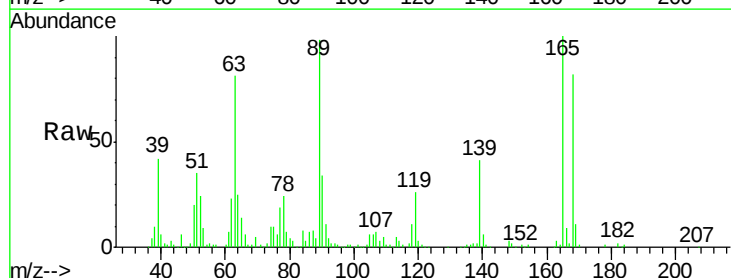
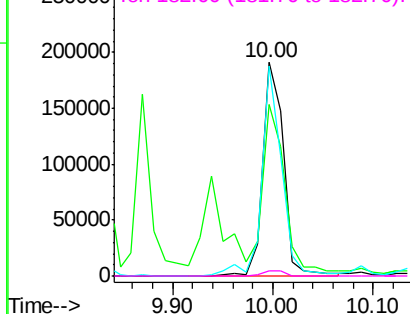
165 100

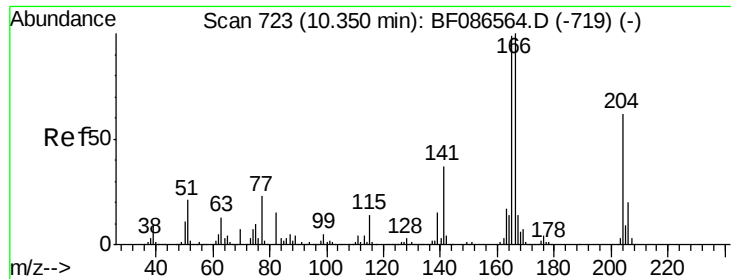
63 80.5 44.3 66.5#

89 98.4 70.0 105.0

182 2.2 1.8 2.6

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: 41.06 ng

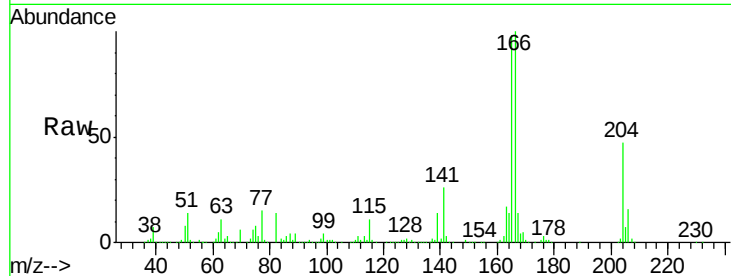
RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

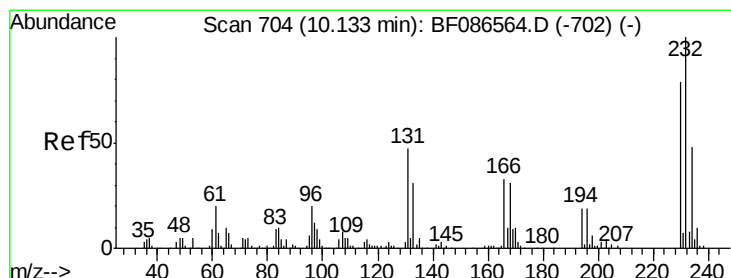
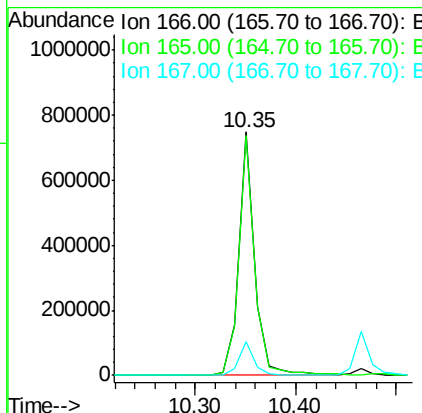
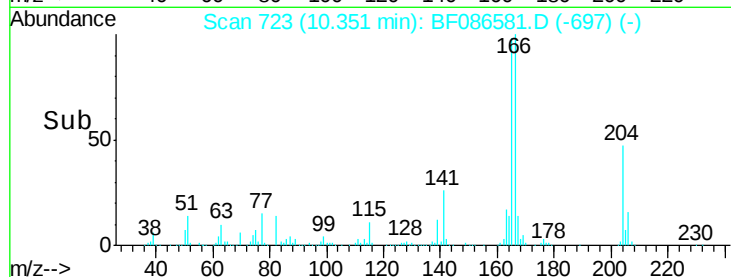
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	815954		
165	98.5	79.0	118.6	
167	13.8	10.6	15.8	

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#58

2,3,4,6-Tetrachlorophenol

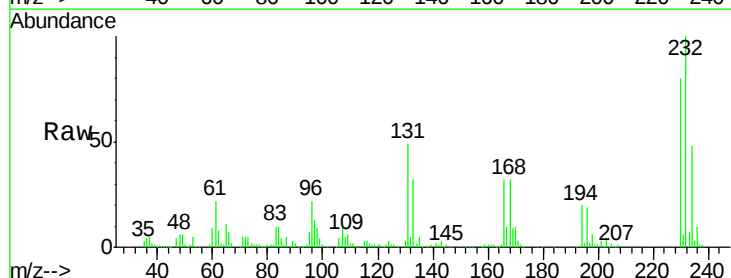
Concen: 53.40 ng

RT: 10.13 min Scan# 704

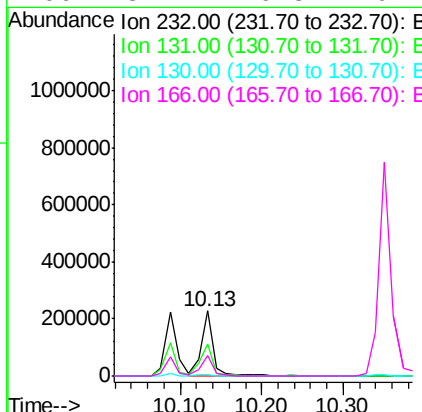
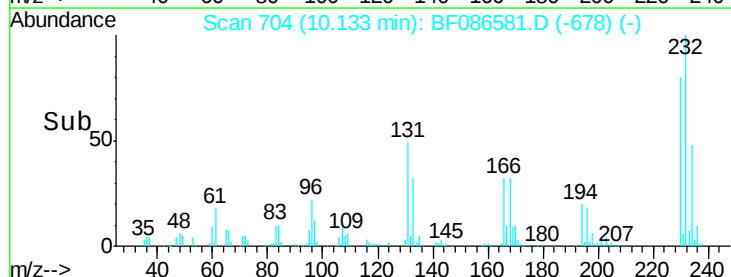
Delta R.T. 0.00 min

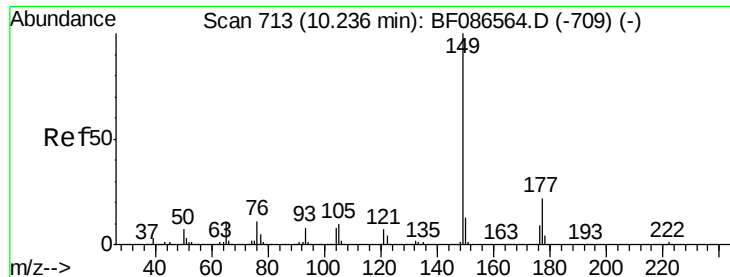
Lab File: BF086581.D

Acq: 1 May 2016 20:16



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	236333		
131	52.8	41.9	62.9	
130	2.7	2.2	3.4	
166	31.4	26.8	40.2	





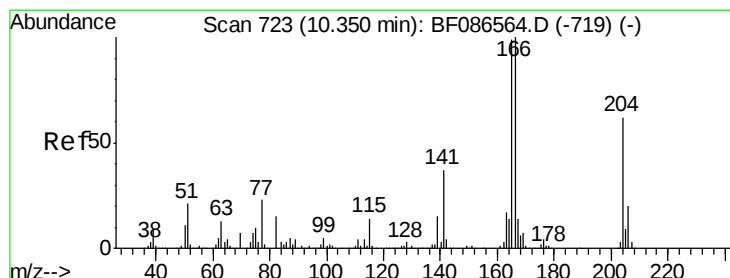
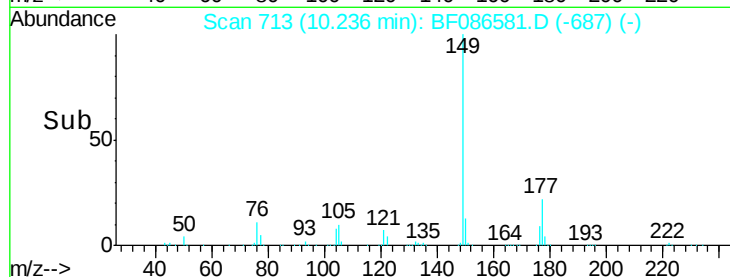
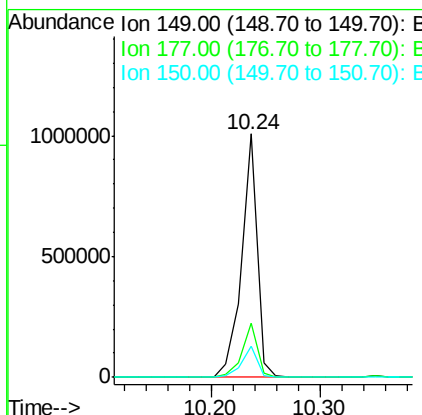
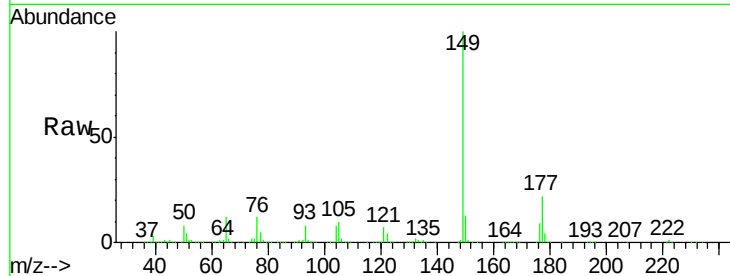
#59
Diethylphthalate
Concen: 48.35 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	988898		
177	22.1	16.6	24.8	
150	12.8	10.0	15.0	

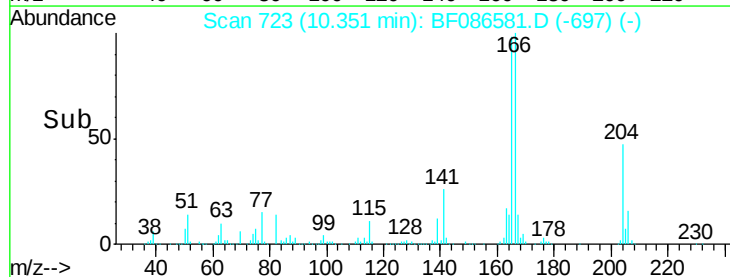
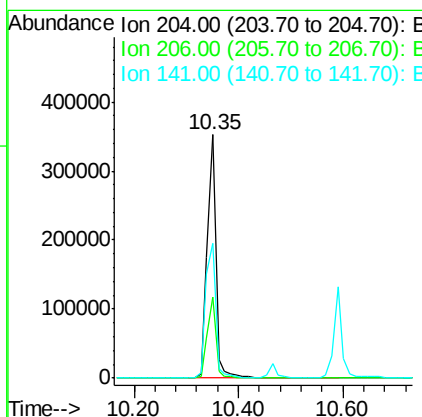
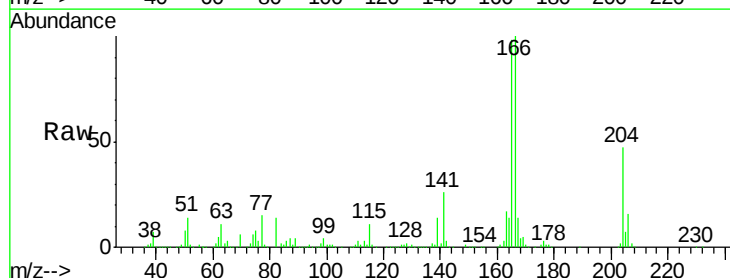
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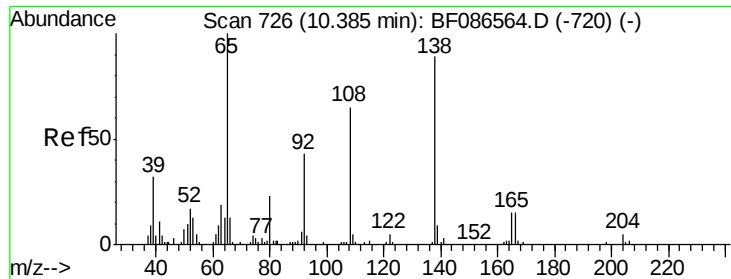
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#60
4-Chlorophenyl-phenylether
Concen: 45.00 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	405986		
206	33.3	25.4	38.0	
141	55.3	61.6	92.4#	





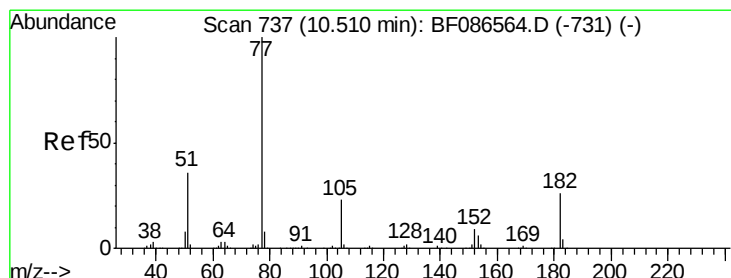
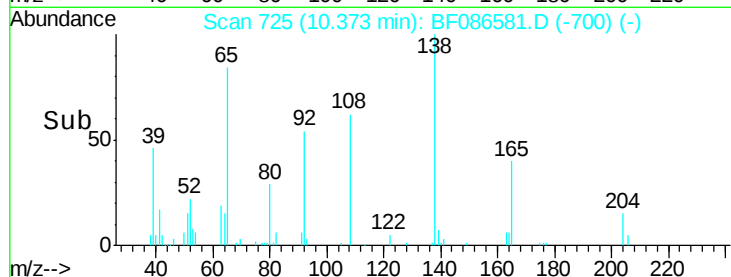
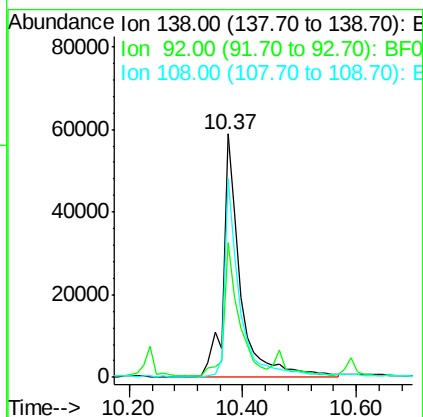
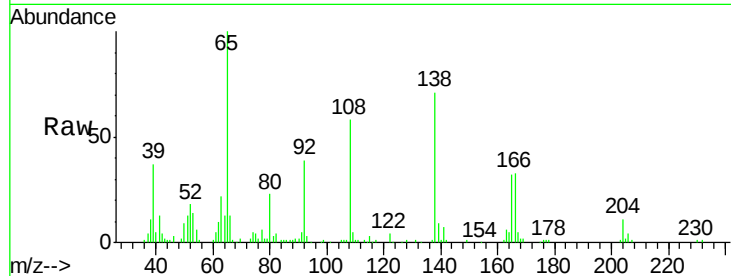
#61
4-Nitroaniline
Concen: 25.10 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	24.7	64.7
108	81.6	37.4	77.4

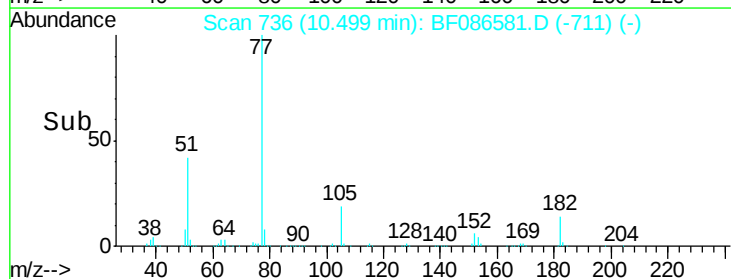
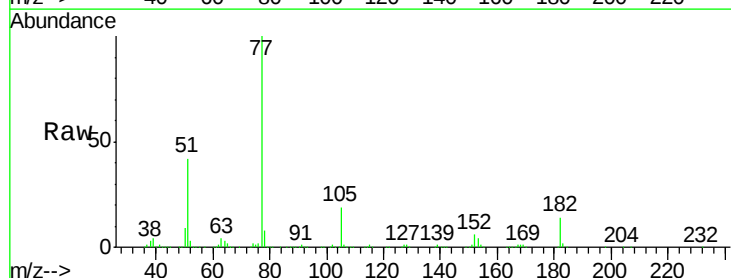
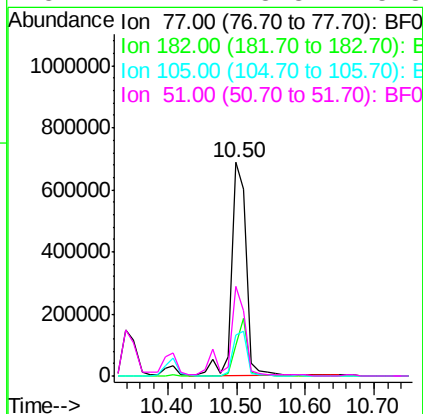
Manual Integrations
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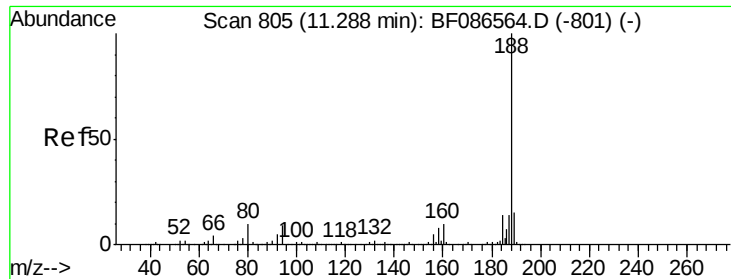
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#62
Azobenzene
Concen: 46.06 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.4	0.0	38.8
105	19.4	3.2	43.2
51	42.2	8.8	48.8





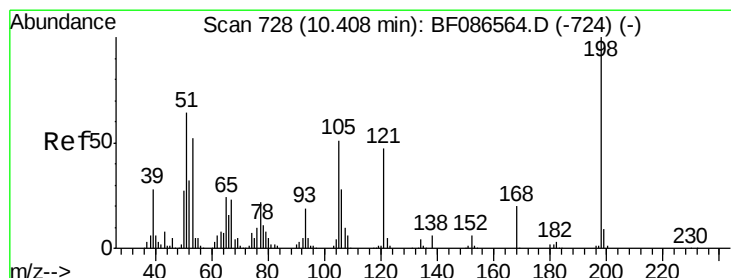
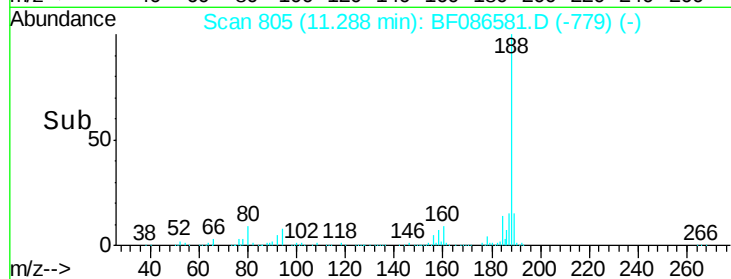
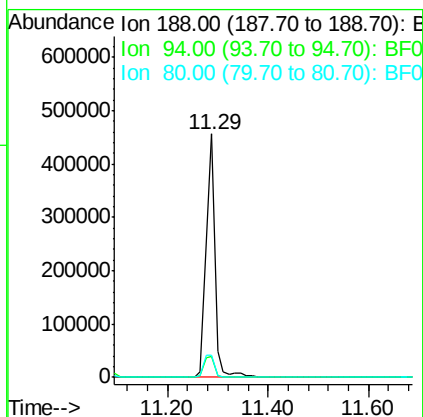
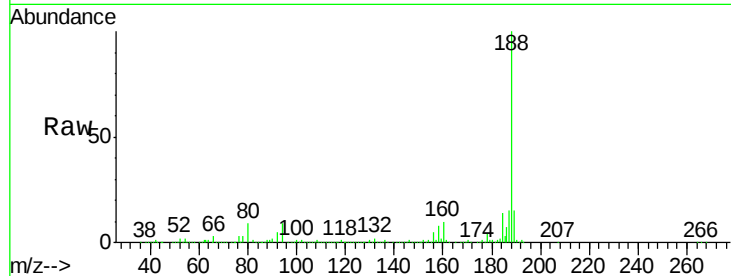
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	6.8	10.2
80	8.9	7.1	10.7

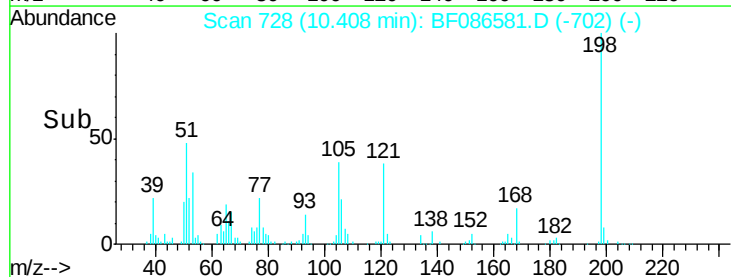
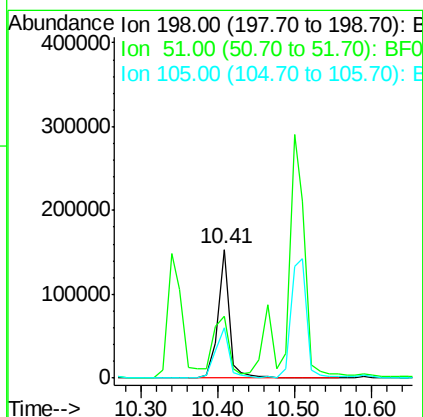
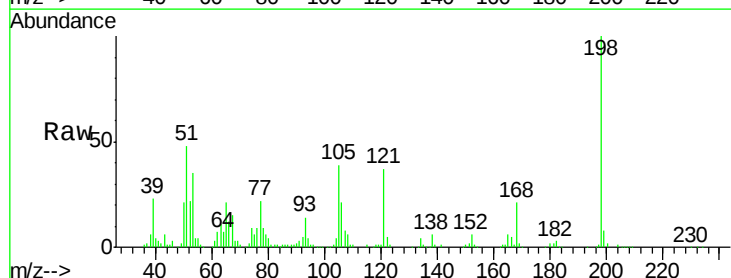
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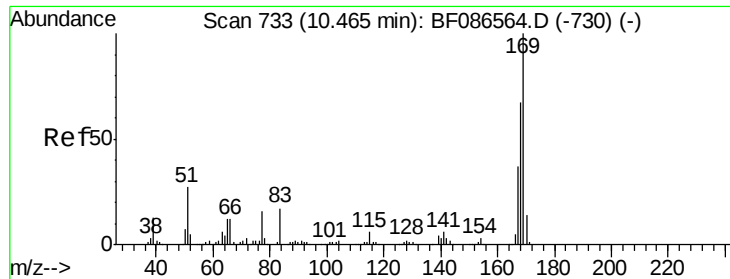
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.34 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	48.2	20.5	60.5
105	38.7	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 21.10 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

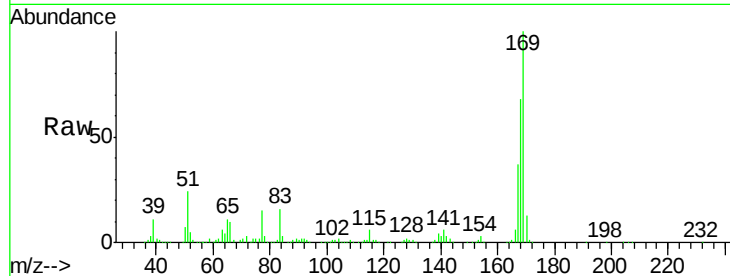
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

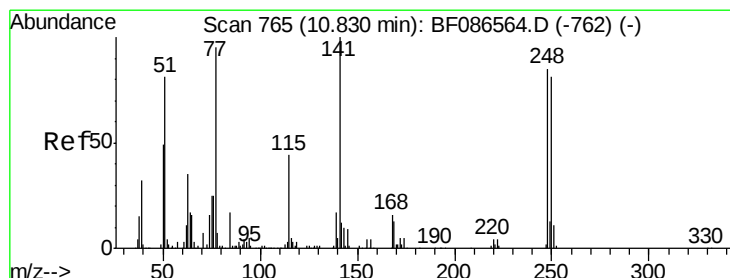
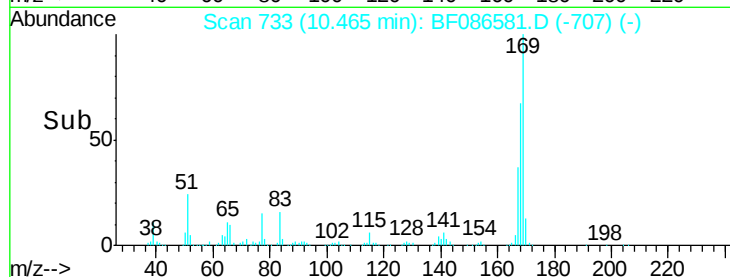
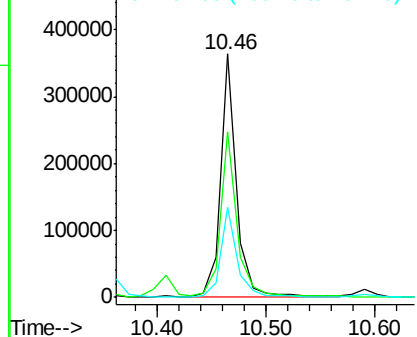
Tgt Ion:	169	Resp:	373900
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.8	80.6
167	37.2	29.5	44.3

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



#66

4-Bromophenyl-phenylether

Concen: 43.37 ng

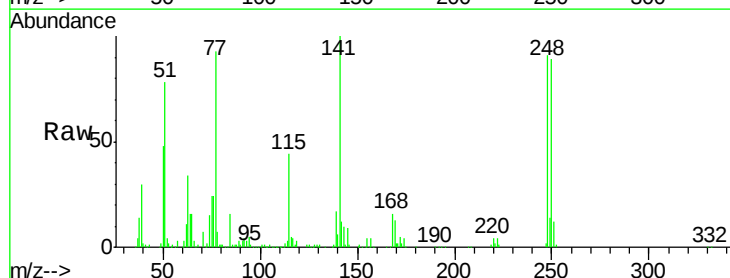
RT: 10.83 min Scan# 765

Delta R.T. 0.00 min

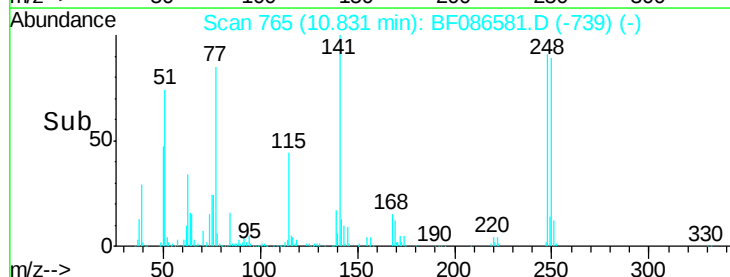
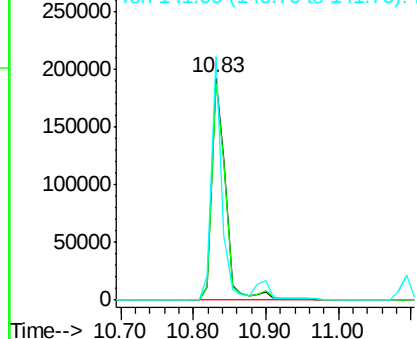
Lab File: BF086581.D

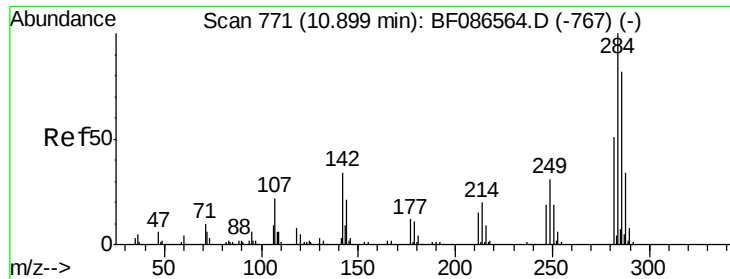
Acq: 1 May 2016 20:16

Tgt Ion:	248	Resp:	253336
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.6	117.8
141	109.7	76.0	114.0



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: 44.87 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

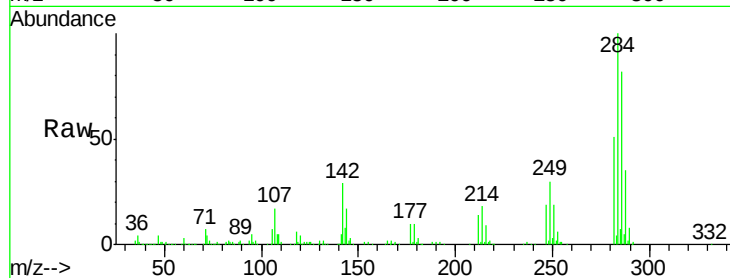
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

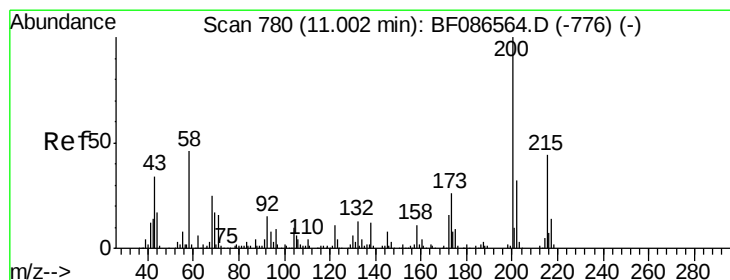
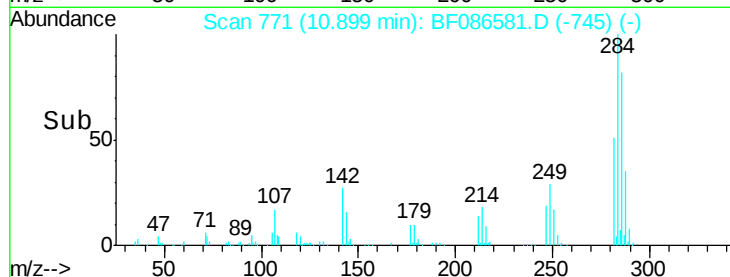
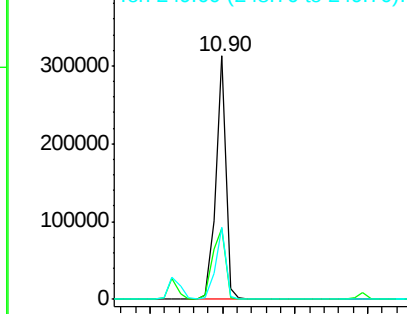
Tgt Ion:	284	Resp:	303405
Ion Ratio	Lower	Upper	
284	100		
142	28.9	16.7	25.1#
249	29.5	21.3	31.9

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



#68

Atrazine

Concen: 7.20 ng

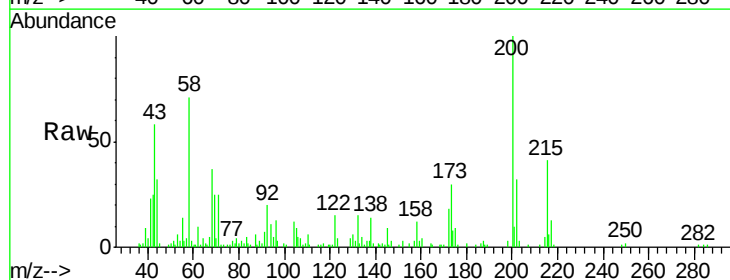
RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

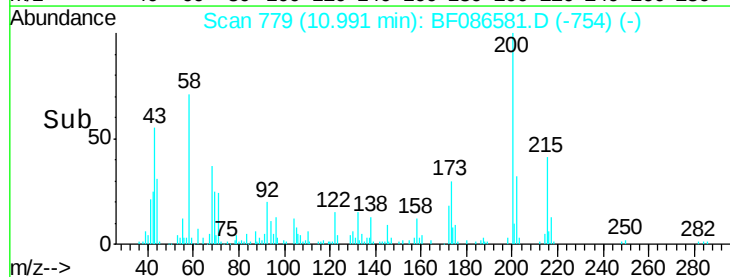
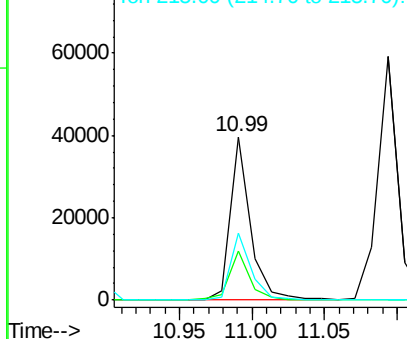
Lab File: BF086581.D

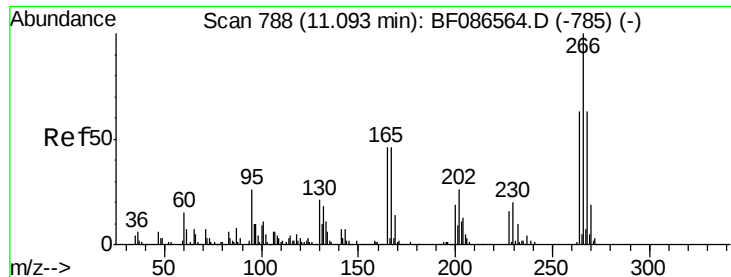
Acq: 1 May 2016 20:16

Tgt Ion:	200	Resp:	38317
Ion Ratio	Lower	Upper	
200	100		
173	29.9	8.5	48.5
215	41.2	27.2	67.2



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





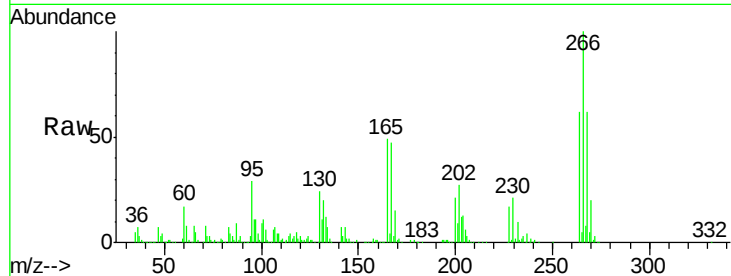
#69
 Pentachlorophenol
 Concen: 88.51 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

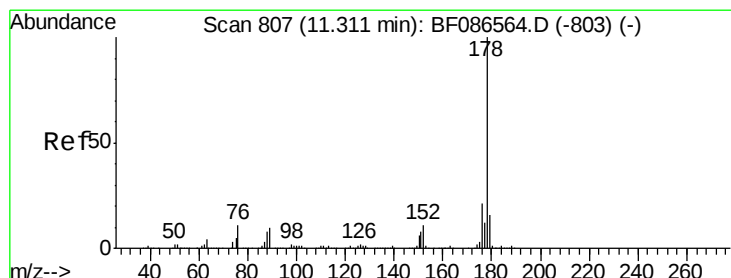
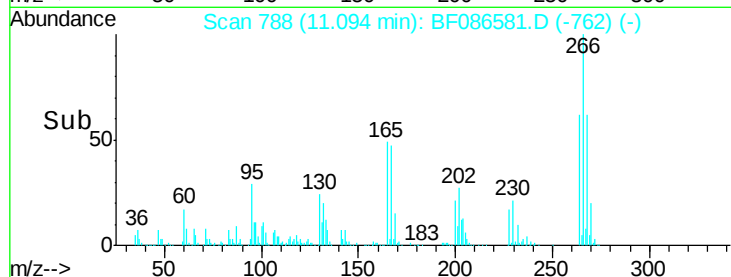
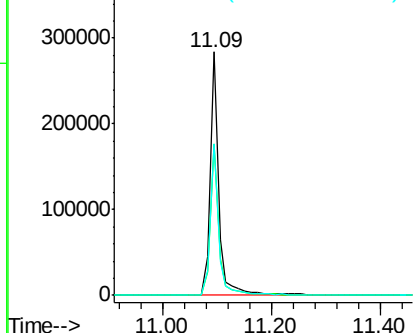
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	315498		
268	62.1	51.5	77.3	
264	62.0	52.9	79.3	

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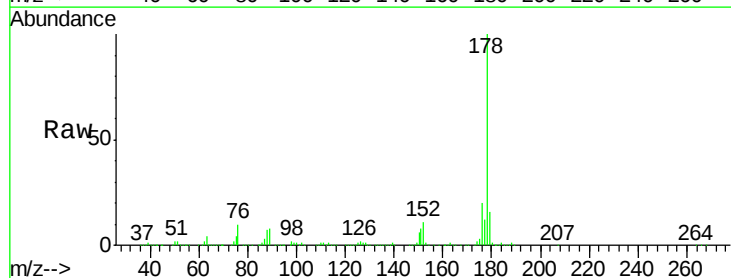


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

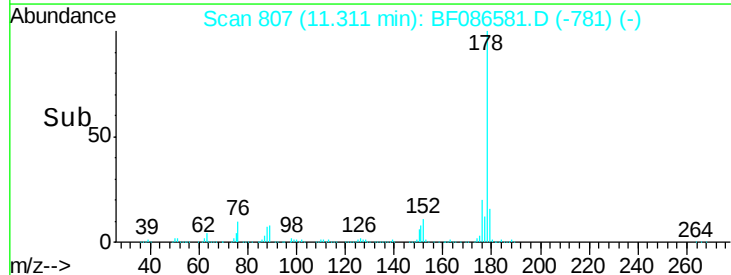
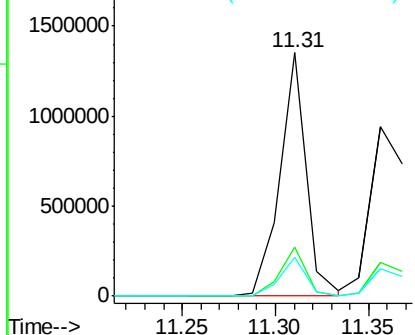


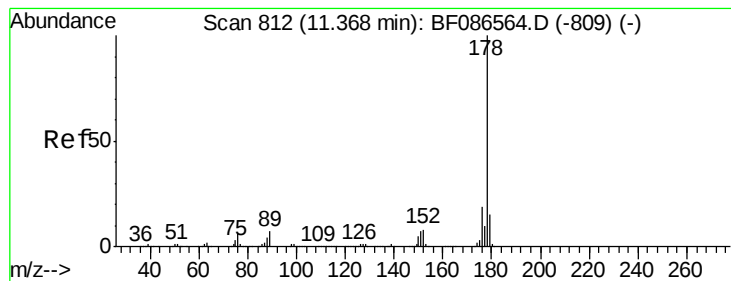
#70
 Phenanthrene
 Concen: 44.86 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1334424		
176	20.2	16.0	24.0	
179	15.9	12.6	18.8	



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





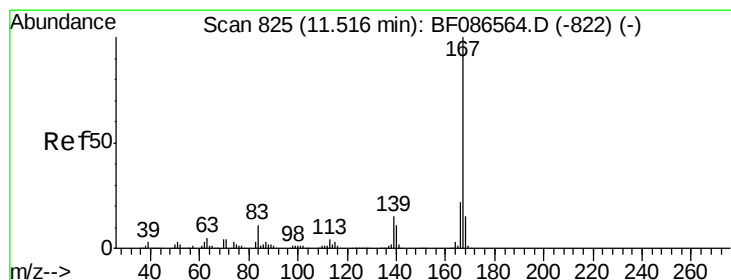
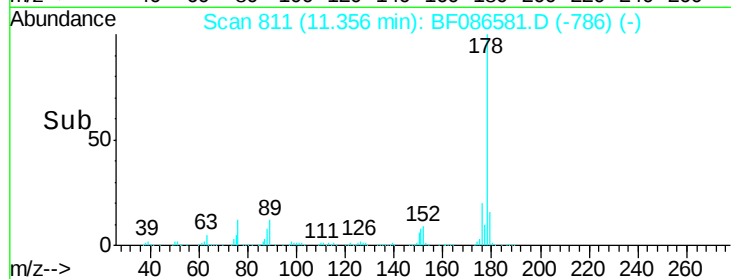
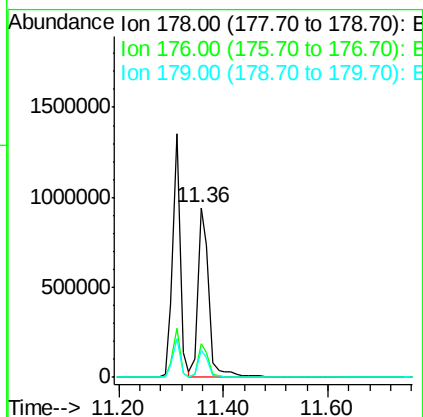
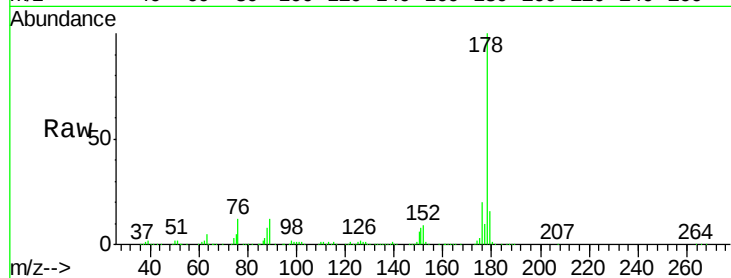
#71
 Anthracene
 Concen: 43.55 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.0	12.7	19.1

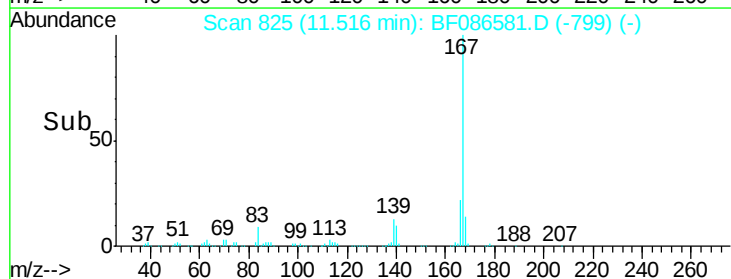
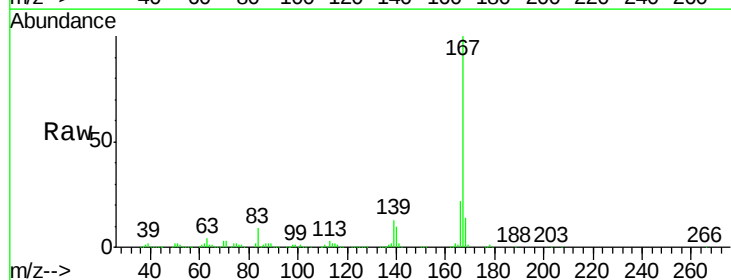
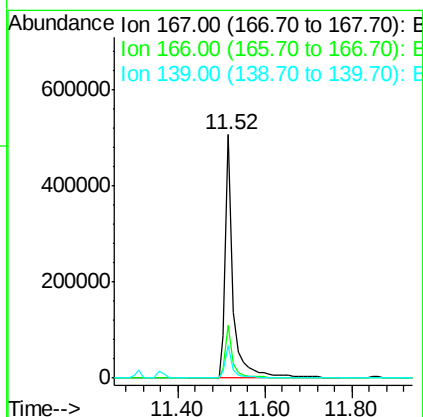
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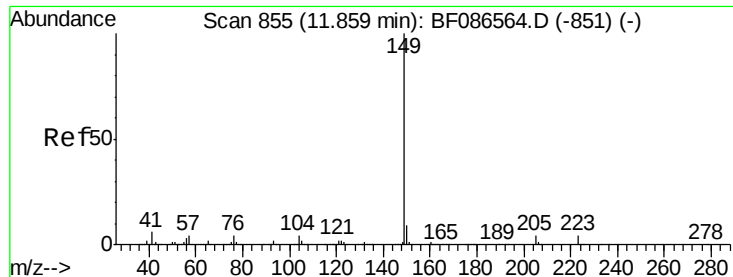
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#72
 Carbazole
 Concen: 22.85 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	13.4	10.8	16.2





#73

Di-n-butylphthalate

Concen: 46.22 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

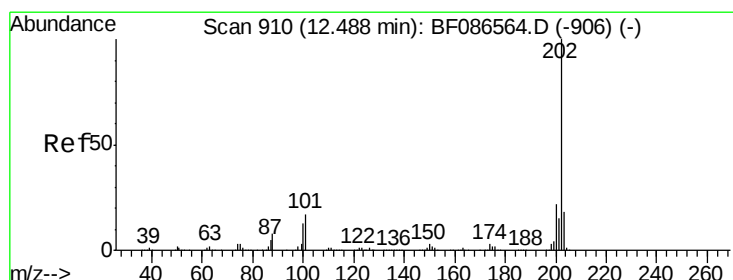
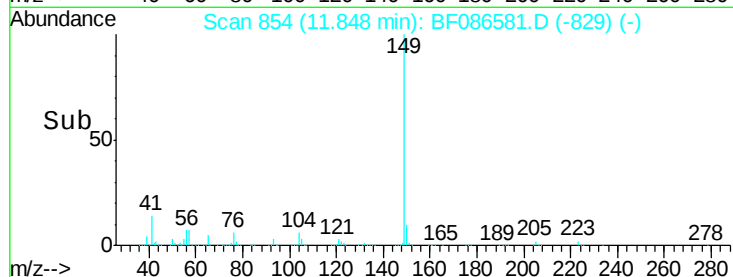
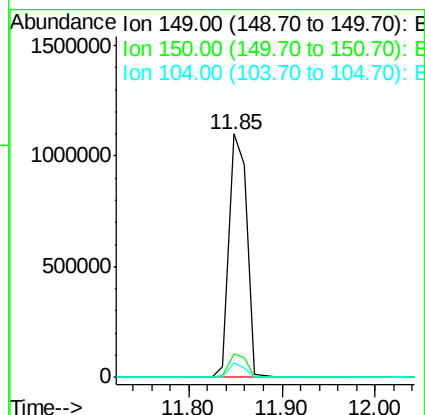
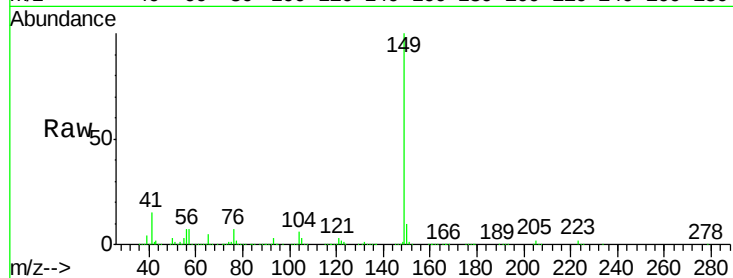
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:	149	Resp:	1473424
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.6	11.4
104	6.2	3.8	5.6

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#74

Fluoranthene

Concen: 41.81 ng

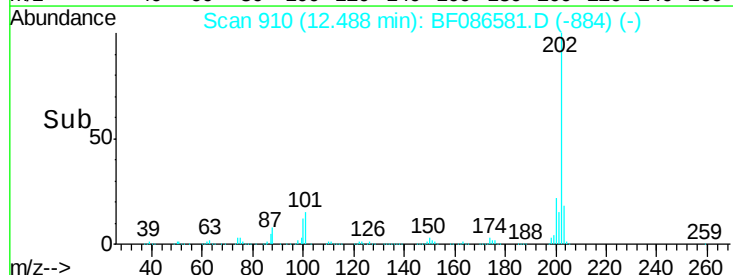
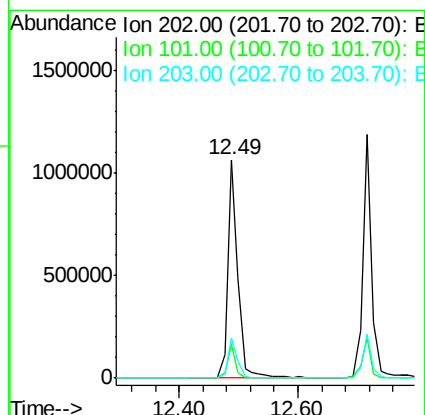
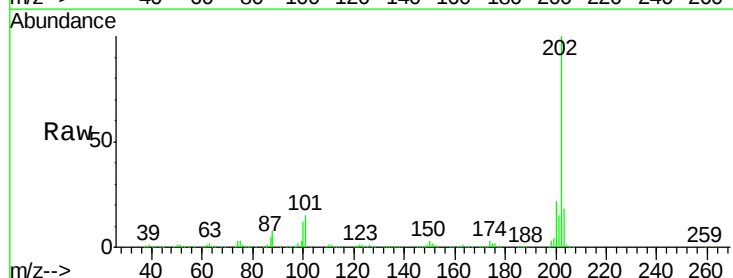
RT: 12.49 min Scan# 910

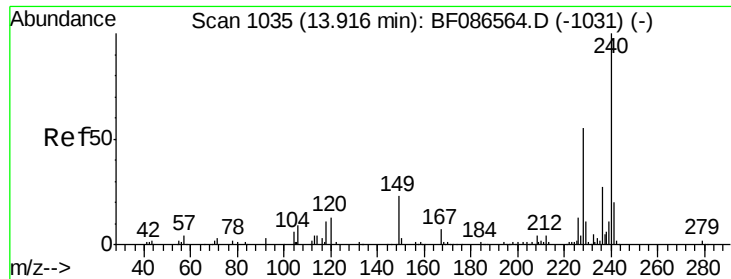
Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Tgt Ion:	202	Resp:	1255376
Ion Ratio	Lower	Upper	
202	100		
101	15.5	0.0	35.4
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

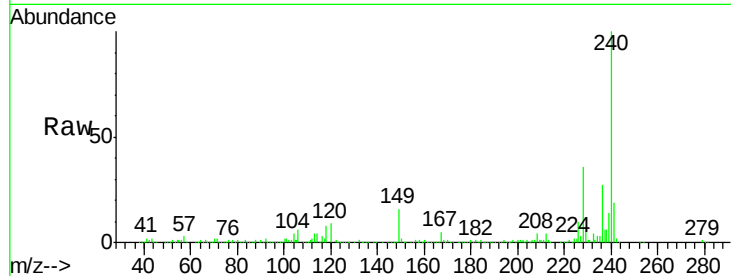
ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	354214		
120	9.2	11.2	16.8	
236	26.6	21.2	31.8	

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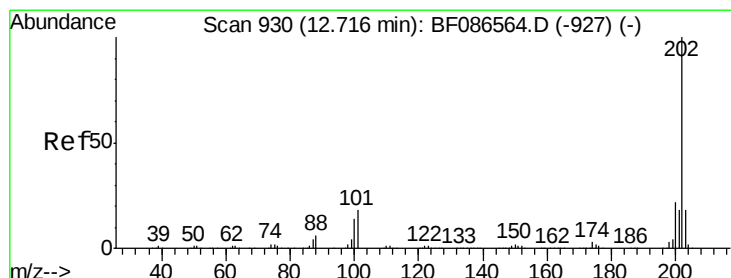
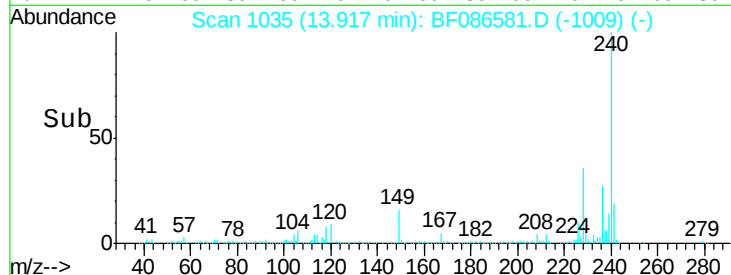
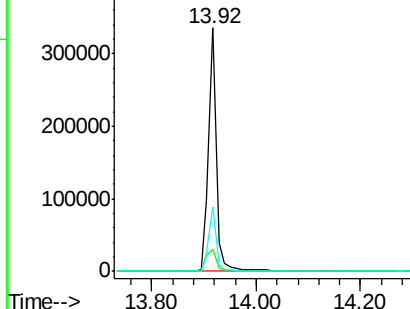
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 48.27 ng

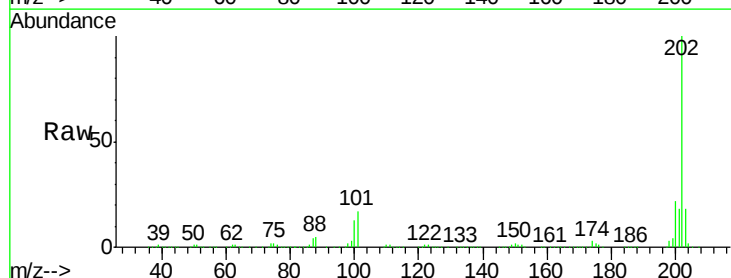
RT: 12.72 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

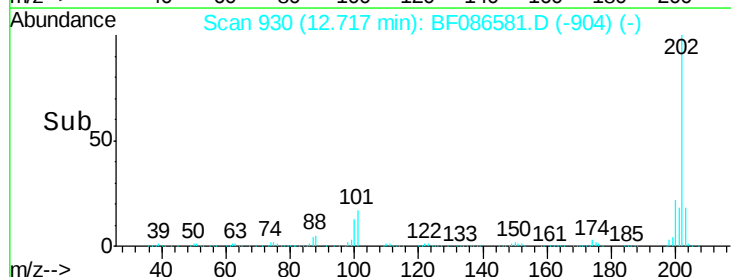
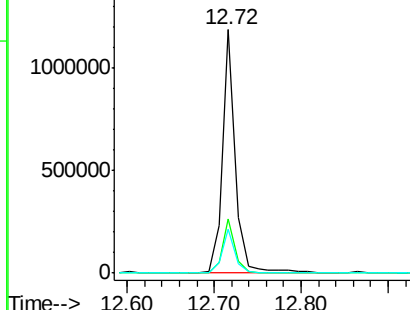
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1231978		
200	22.3	17.7	26.5	
203	17.9	14.2	21.4	

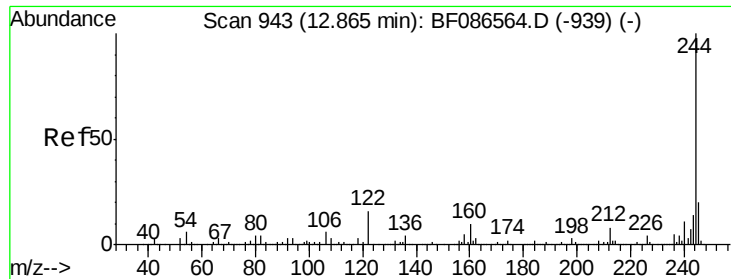


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 95.29 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:244 Resp: 1532019

Ion Ratio Lower Upper

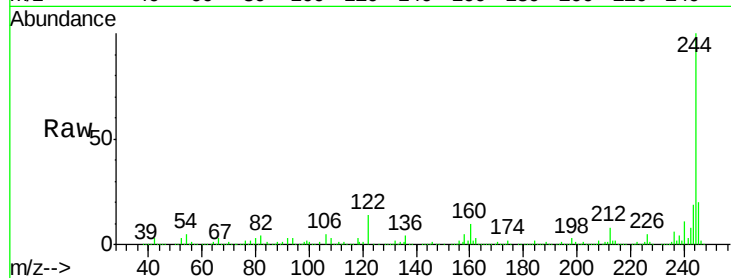
244 100

212 8.0 6.2 9.2

122 14.2 12.0 18.0

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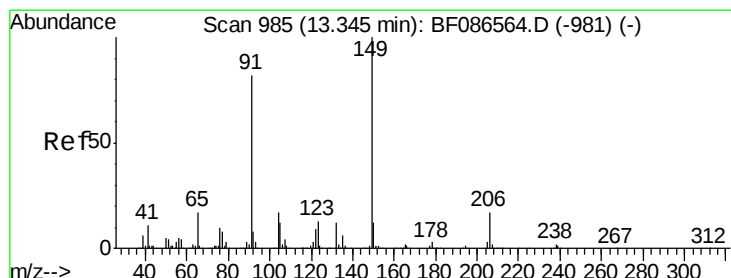
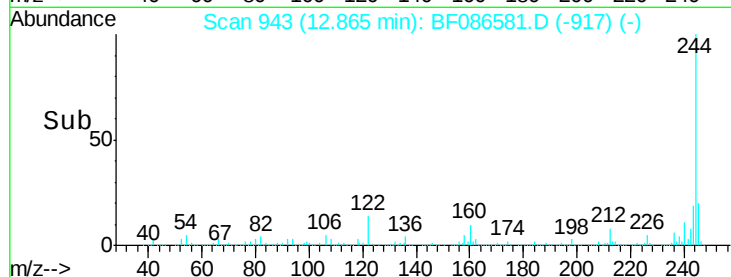
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.87

Time-->



#79

Butylbenzylphthalate

Concen: 53.04 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

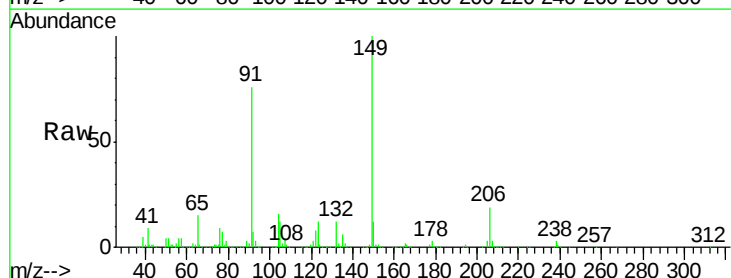
Tgt Ion:149 Resp: 586231

Ion Ratio Lower Upper

149 100

91 76.4 48.0 72.0#

206 19.0 15.8 23.6



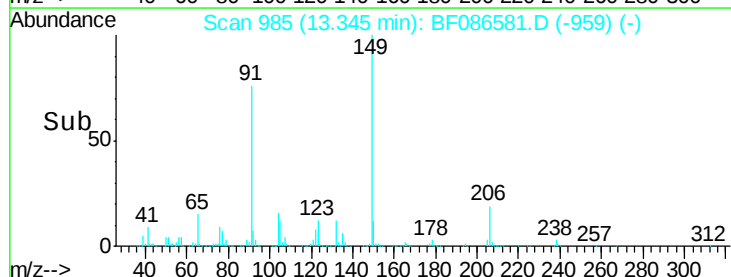
Abundance Ion 149.00 (148.70 to 149.70): E

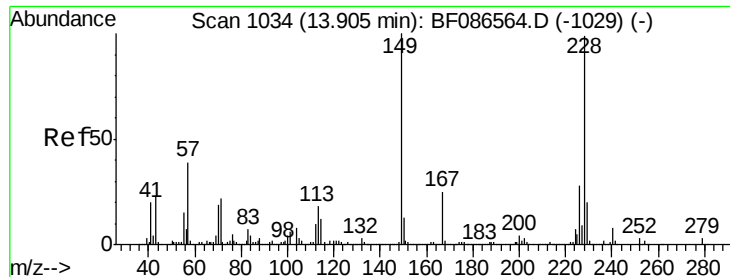
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

13.35

Time-->





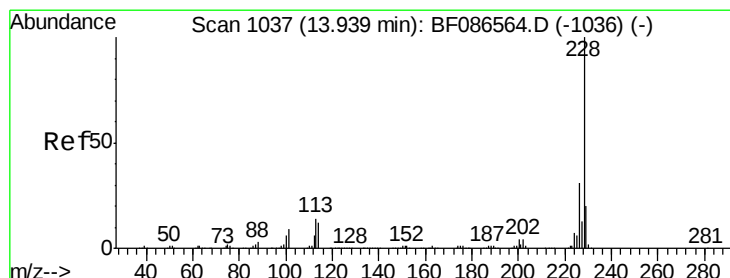
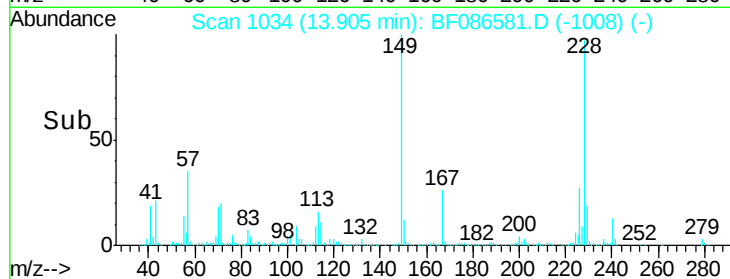
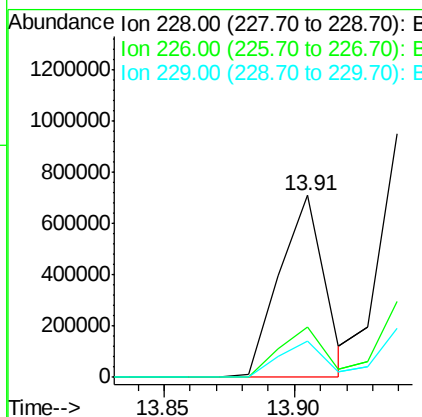
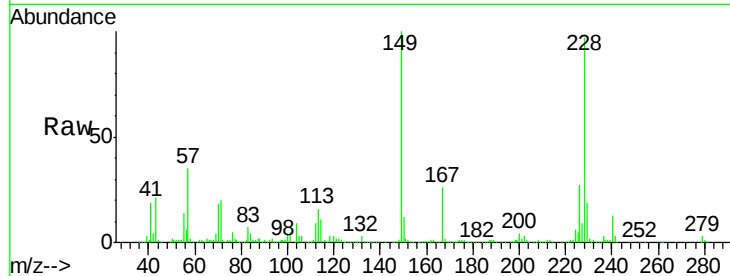
#80
Benzo(a)anthracene
Concen: 45.02 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	19.8	16.6	25.0

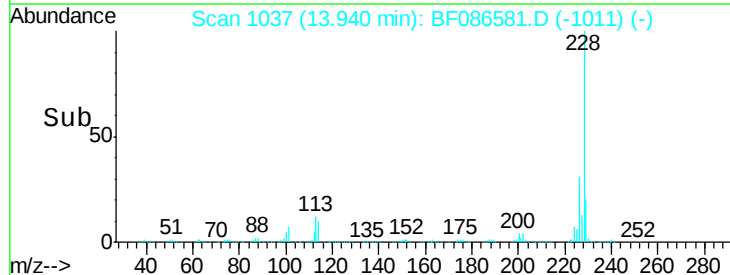
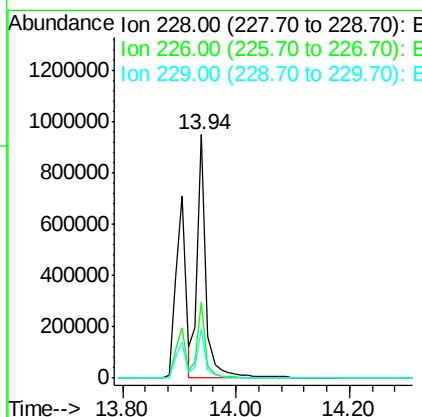
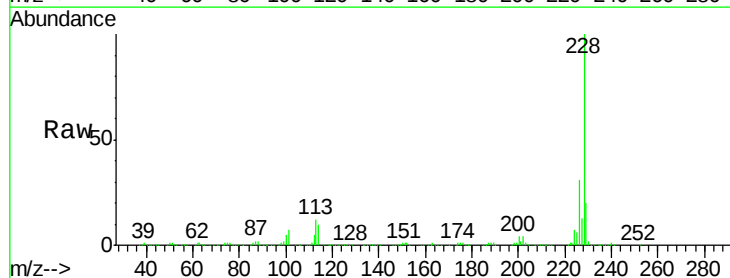
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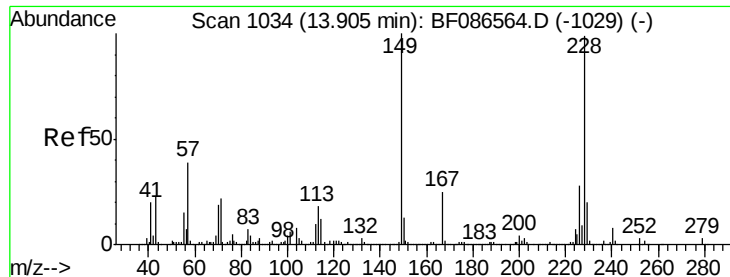
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#82
Chrysene
Concen: 49.36 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.3	15.8	23.8





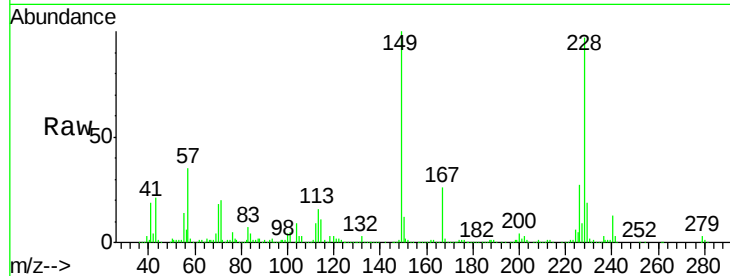
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.55 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

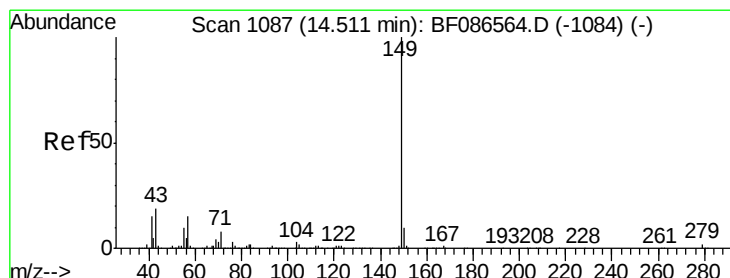
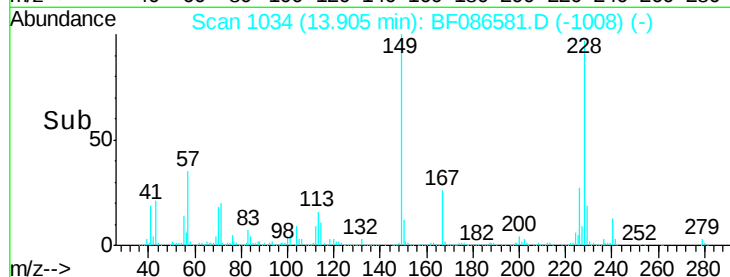
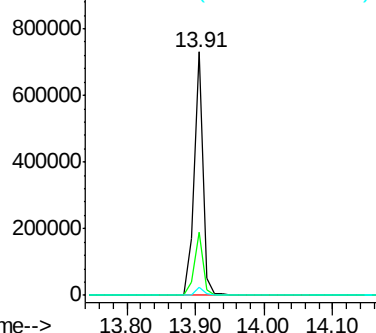
Tgt Ion:	149	Resp:	666197
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.8	32.6
279	3.1	2.6	4.0

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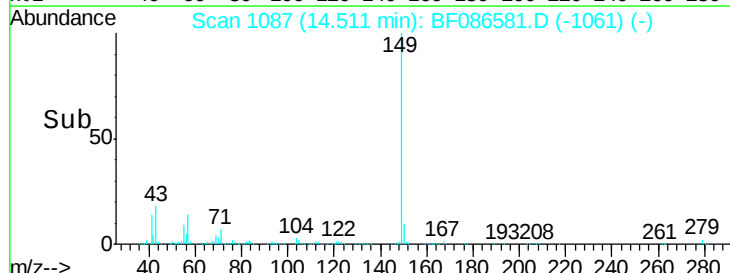
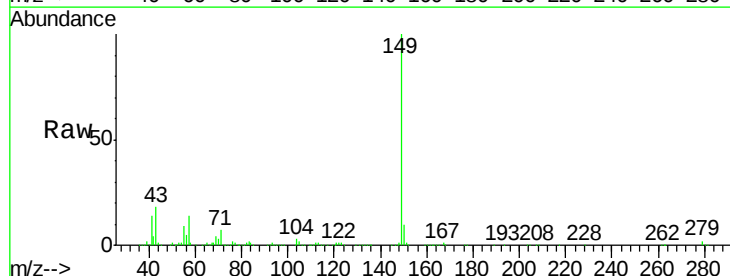
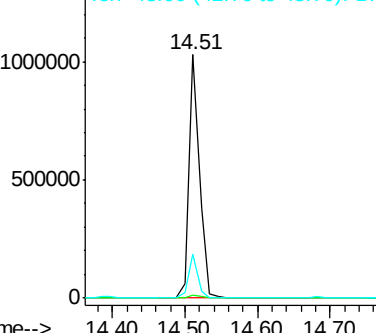
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

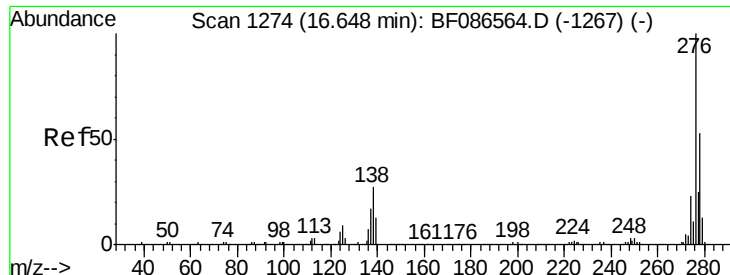


#84
 Di-n-octyl phthalate
 Concen: 48.26 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Tgt Ion:	149	Resp:	1036965
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	15.8	8.2	12.4#

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





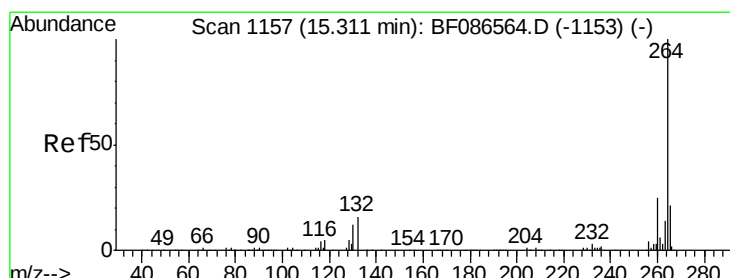
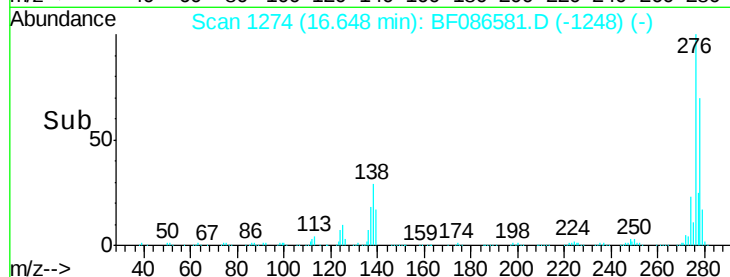
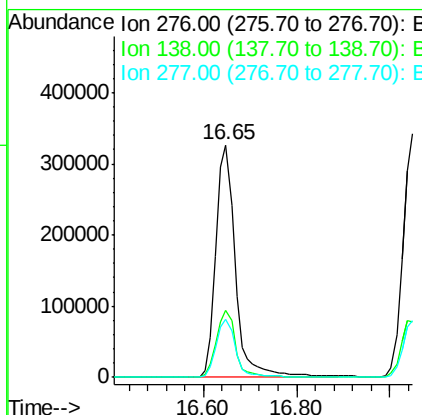
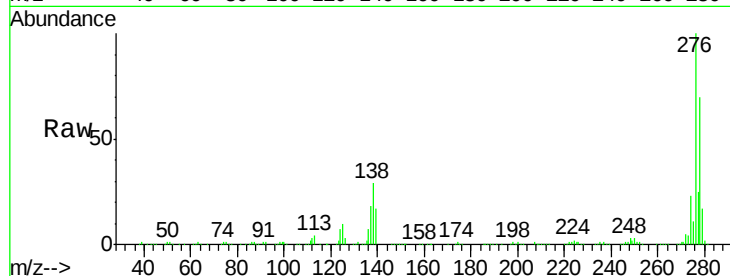
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.37 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	948613		
138	29.1	25.6	38.4	
277	25.3	20.5	30.7	

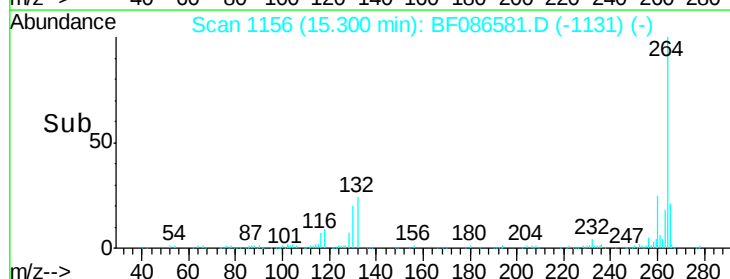
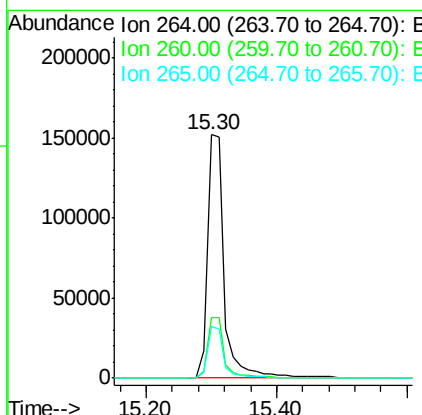
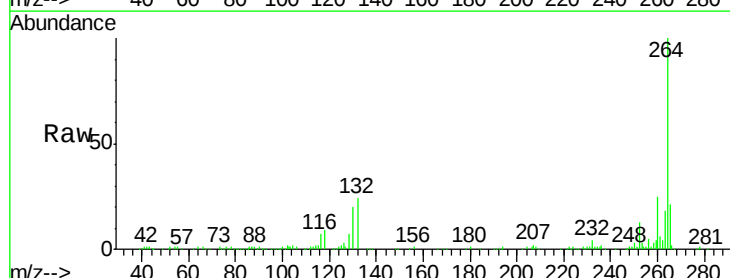
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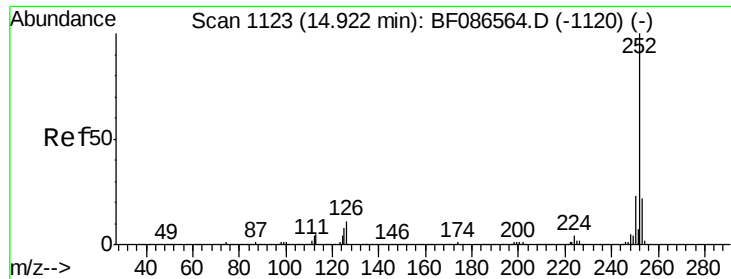
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	272368		
260	24.9	19.5	29.3	
265	21.2	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 63.04 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF086581.D

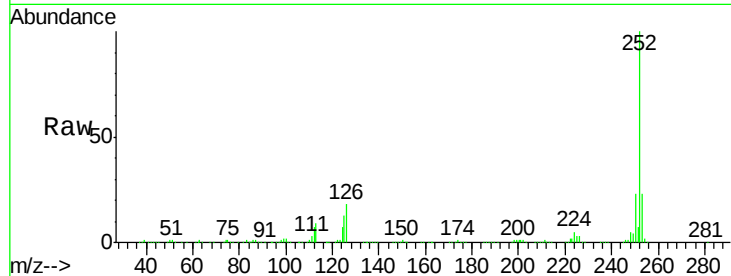
Acq: 1 May 2016 20:16

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-13(6-17FTBGS)MS



Tgt Ion:252 Resp: 1010132

Ion Ratio Lower Upper

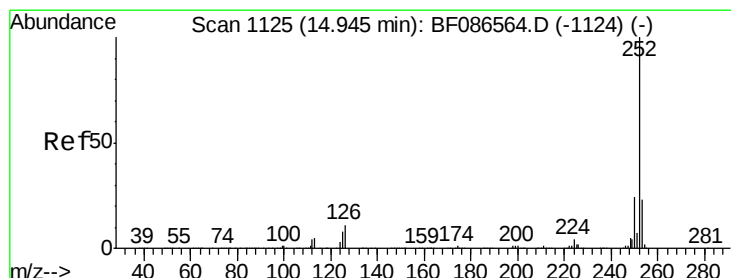
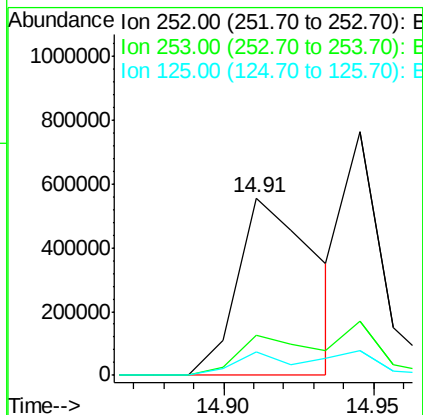
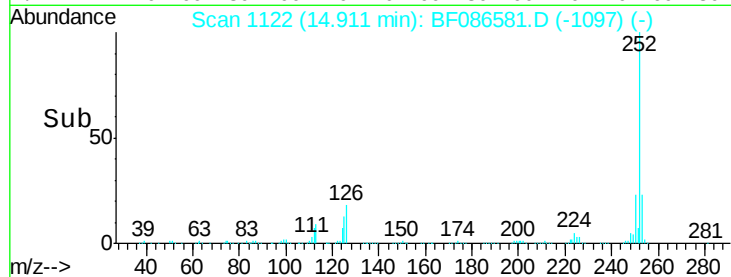
252 100

253 22.9 17.8 26.6

125 13.3 11.4 17.0

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#88

Benzo(k)fluoranthene

Concen: 44.31 ng m

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086581.D

Acq: 1 May 2016 20:16

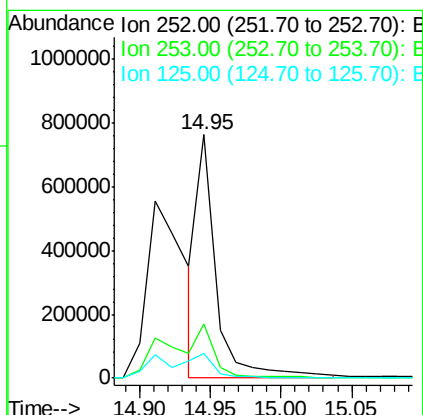
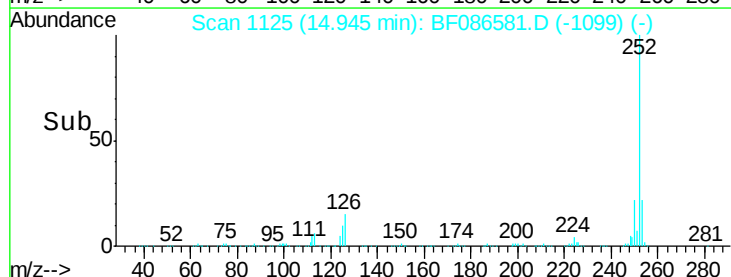
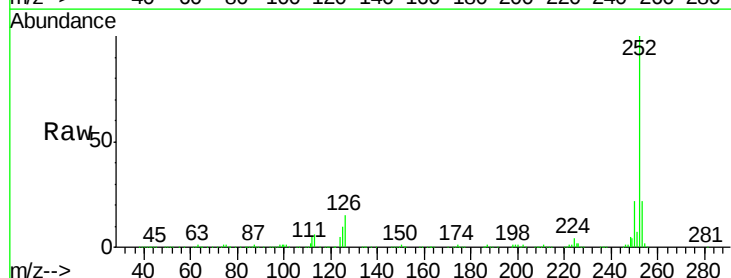
Tgt Ion:252 Resp: 740582

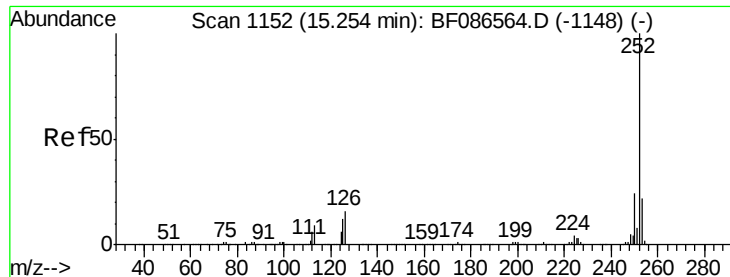
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 10.3 9.1 13.7





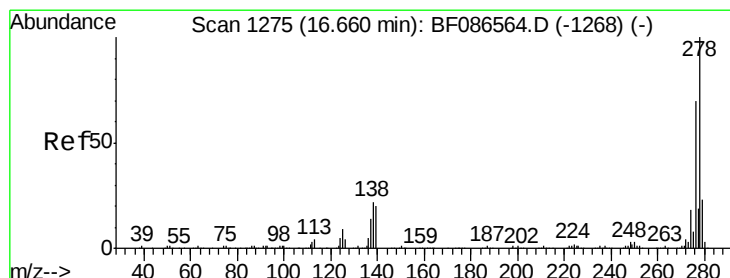
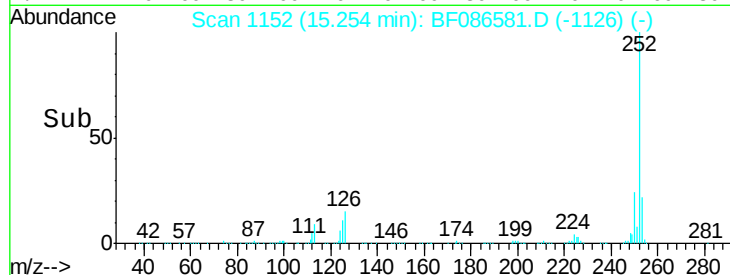
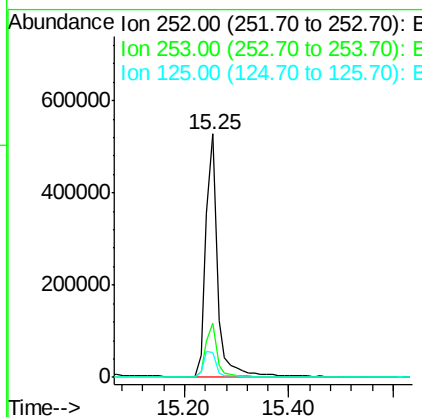
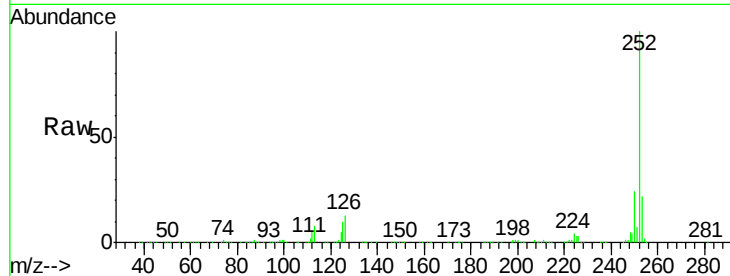
#89
Benzo(a)pyrene
Concen: 53.87 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	10.2	9.0	13.6

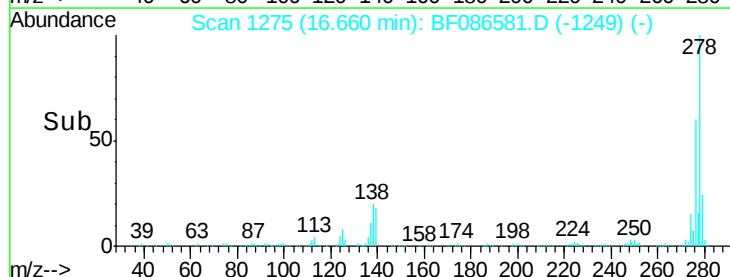
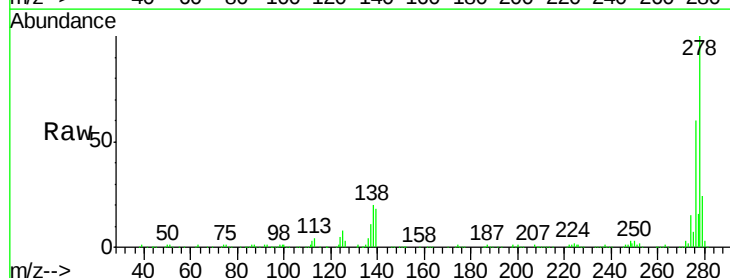
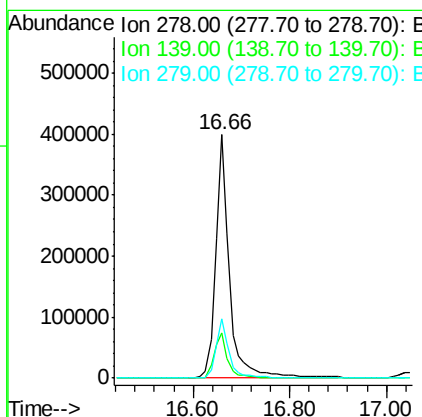
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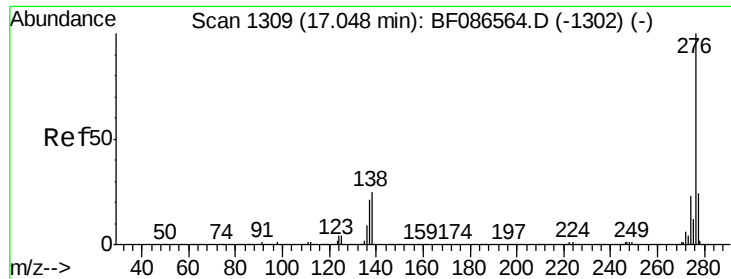
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#90
Dibenzo(a,h)anthracene
Concen: 64.72 ng
RT: 16.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF086581.D
Acq: 1 May 2016 20:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	16.6	24.8
279	24.5	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 62.47 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF086581.D
 Acq: 1 May 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-13(6-17FTBGS)MS

Tgt Ion:	276	Resp:	774983
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.6	29.4
138	22.6	23.6	35.4#

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