

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087485.D
 Acq On : 28 May 2016 18:16
 Operator : UM/SJ
 Sample : PB90965BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Manual Integrations
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Quant Time: May 30 03:35:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 03:25:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	110843	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	467833	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	222063	20.00	ng	0.00
63) Phenanthrene-d10	14.73	188	426707	20.00	ng	0.00
75) Chrysene-d12	18.43	240	330992	20.00	ng	0.00
86) Perylene-d12	20.10	264	223622	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	824015	130.63	ng	0.02
7) Phenol-d6	7.03	99	1040987	122.13	ng	-0.01
23) Nitrobenzene-d5	8.39	82	711502	76.65	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	248205	116.31	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1200054	76.19	ng	-0.01
78) Terphenyl-d14	17.09	244	1163145	74.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.85	88	94527	28.40	ng	# 59
3) Pyridine	2.42	79	261983	36.00	ng	# 65
4) n-Nitrosodimethylamine	2.40	42	225427	40.21	ng	# 49
6) Aniline	6.97	93	248066	22.50	ng	94
8) 2-Chlorophenol	7.15	128	314098	39.93	ng	96
9) Benzaldehyde	6.82	77	37094	7.88	ng	93
10) Phenol	7.04	94	397294	42.68	ng	77
11) bis(2-Chloroethyl)ether	7.11	93	289838	38.47	ng	84
12) 1,3-Dichlorobenzene	7.36	146	314395m	36.64	ng	
13) 1,4-Dichlorobenzene	7.50	146	331696	37.66	ng	96
14) 1,2-Dichlorobenzene	7.72	146	311288	38.20	ng	99
15) Benzyl Alcohol	7.77	79	269965	43.44	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.96	45	591495	34.90	ng	87
17) 2-Methylphenol	7.99	107	260027	41.25	ng	# 90
18) Hexachloroethane	8.24	117	126672	38.55	ng	95
19) n-Nitroso-di-n-propylamine	8.18	70	258410	40.65	ng	# 67
20) 3+4-Methylphenols	8.25	107	339007	44.48	ng	# 60
22) Acetophenone	8.16	105	448223	40.10	ng	# 96
24) Nitrobenzene	8.41	77	371704	37.93	ng	98
25) Isophorone	8.81	82	639613	38.42	ng	98
26) 2-Nitrophenol	8.92	139	163664	40.86	ng	# 82
27) 2,4-Dimethylphenol	9.06	122	279542	40.20	ng	# 86
28) bis(2-Chloroethoxy)methane	9.19	93	384188	40.97	ng	98
29) 2,4-Dichlorophenol	9.34	162	265362	42.35	ng	98
30) 1,2,4-Trichlorobenzene	9.43	180	272160	37.94	ng	99
31) Naphthalene	9.53	128	898381	38.32	ng	100
32) Benzoic acid	9.39	122	105869	31.81	ng	# 77
33) 4-Chloroaniline	9.69	127	130027	15.06	ng	# 91
34) Hexachlorobutadiene	9.74	225	159892	36.67	ng	98
35) Caprolactam	10.31	113	79264m	43.34	ng	
36) 4-Chloro-3-methylphenol	10.55	107	301504	42.56	ng	87
37) 2-Methylnaphthalene	10.66	142	591175	40.37	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	262193	36.89	ng	99
40) Hexachlorocyclopentadiene	10.90	237	163435	58.72	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.17	196	156487	38.14	ng	95
43) 2,4,5-Trichlorophenol	11.25	196	159142	38.09	ng	# 85
45) 1,1'-Biphenyl	11.43	154	733096	39.21	ng	97
46) 2-Chloronaphthalene	11.44	162	542318	37.91	ng	92
47) 2-Nitroaniline	11.67	65	224124	43.49	ng	85
48) Acenaphthylene	12.10	152	884049	39.04	ng	99
49) Dimethylphthalate	11.99	163	682954	38.39	ng	99
50) 2,6-Dinitrotoluene	12.08	165	144190	40.23	ng	# 81
51) Acenaphthene	12.38	154	525338	37.74	ng	98
52) 3-Nitroaniline	12.35	138	75727	20.58	ng	94
53) 2,4-Dinitrophenol	12.56	184	82725	47.95	ng	# 82
54) Dibenzofuran	12.66	168	799460	42.42	ng	93
55) 4-Nitrophenol	12.74	139	139015	79.22	ng	# 40
56) 2,4-Dinitrotoluene	12.74	165	196211	40.96	ng	# 91
57) Fluorene	13.22	166	652615	39.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	145287	45.20	ng	98
59) Diethylphthalate	13.13	149	662342	38.30	ng	100
60) 4-Chlorophenyl-phenylether	13.25	204	295587	37.09	ng	98
61) 4-Nitroaniline	13.35	138	129845	37.82	ng	# 62
62) Azobenzene	13.51	77	796375	44.39	ng	86
64) 4,6-Dinitro-2-methylphenol	13.41	198	88655	32.68	ng	# 41
65) n-Nitrosodiphenylamine	13.46	169	539021	39.06	ng	100
66) 4-Bromophenyl-phenylether	14.03	248	176706	37.85	ng	93
67) Hexachlorobenzene	14.10	284	182834	37.45	ng	# 73
68) Atrazine	14.39	200	184633	41.97	ng	94
69) Pentachlorophenol	14.47	266	94441	63.61	ng	99
70) Phenanthrene	14.77	178	924022	39.09	ng	100
71) Anthracene	14.85	178	946126	39.62	ng	100
72) Carbazole	15.14	167	840781	41.29	ng	99
73) Di-n-butylphthalate	15.73	149	1041608	39.55	ng	98
74) Fluoranthene	16.54	202	953621	40.23	ng	91
76) Benzidine	16.77	184	297857	34.97	ng	96
77) Pyrene	16.83	202	945782	39.70	ng	99
79) Butylbenzylphthalate	17.75	149	420932	39.84	ng	# 76
80) Benzo(a)anthracene	18.42	228	765524	40.66	ng	99
81) 3,3'-Dichlorobenzidine	18.41	252	112593	10.83	ng	99
82) Chrysene	18.47	228	734142	39.29	ng	99
83) Bis(2-ethylhexyl)phthalate	18.49	149	561990	36.45	ng	# 95
84) Di-n-octyl phthalate	19.27	149	844719	35.93	ng	# 87
85) Indeno(1,2,3-cd)pyrene	21.31	276	537684	35.90	ng	94
87) Benzo(b)fluoranthene	19.69	252	645003	45.28	ng	97
88) Benzo(k)fluoranthene	19.73	252	465531m	37.97	ng	
89) Benzo(a)pyrene	20.05	252	505602	41.04	ng	98
90) Dibenzo(a,h)anthracene	21.31	278	456682	43.46	ng	97
91) Benzo(g,h,i)perylene	21.66	276	462129	44.57	ng	95

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

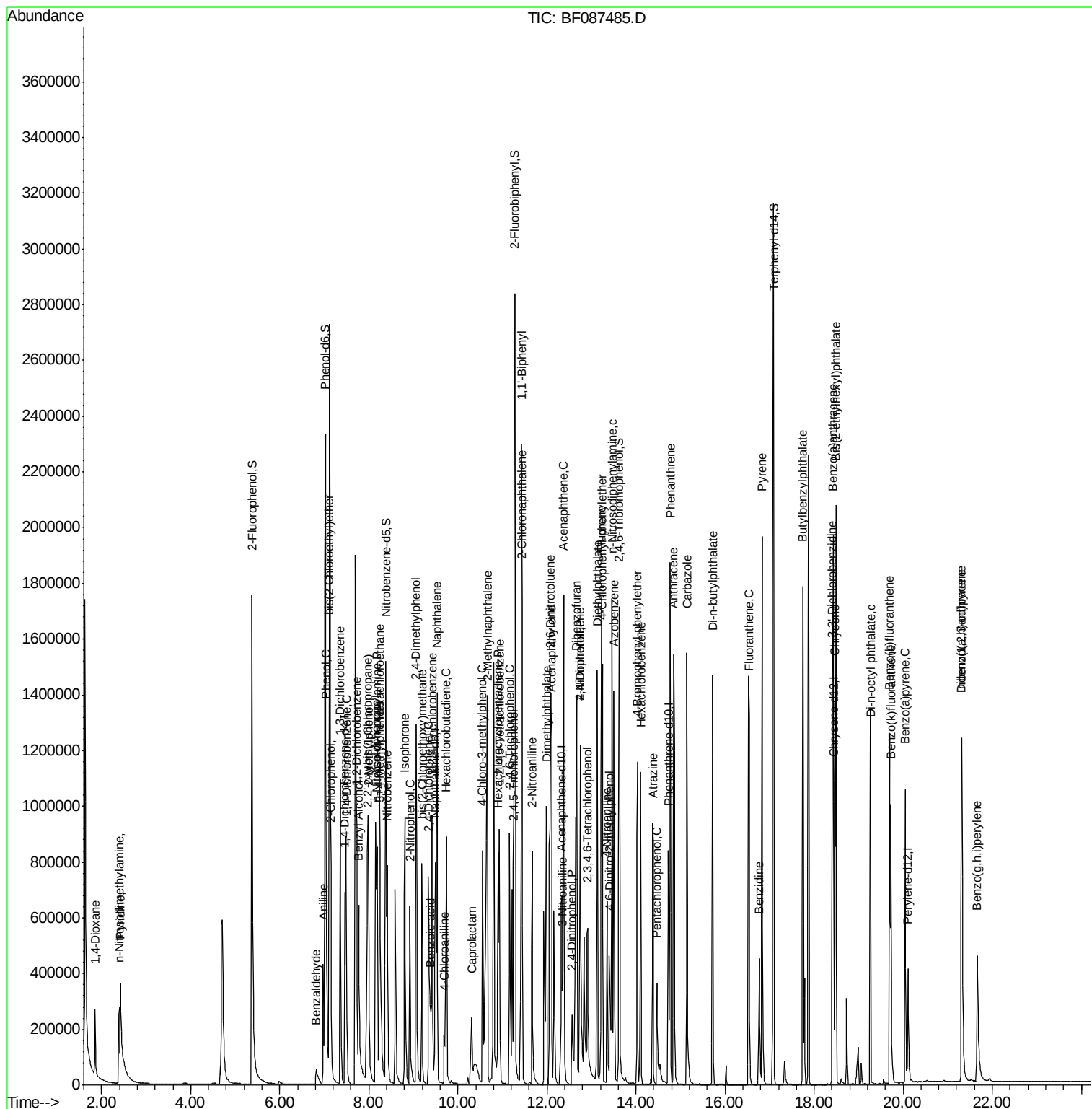
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Operator  : UM/SJ  
Sample    : PB90965BS  
Misc      :  
ALS Vial  : 12      Sample Multiplier: 1
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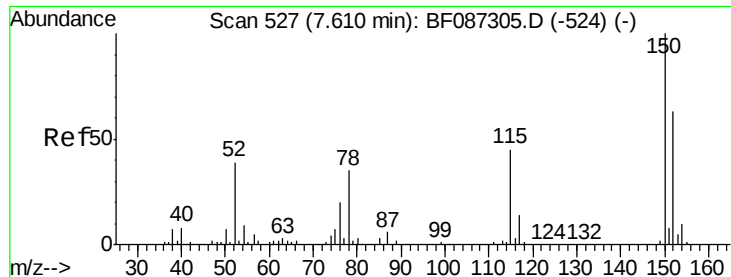
Instrument :
BNA_F
ClientSampleId :
PB90965BS

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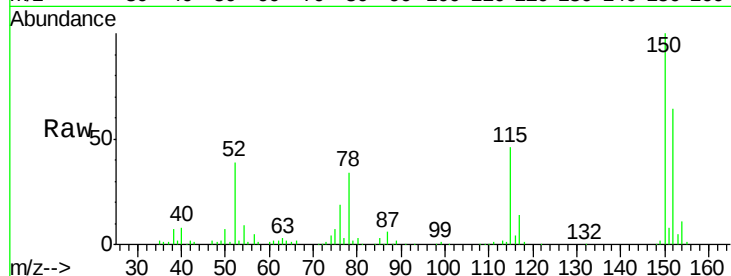
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

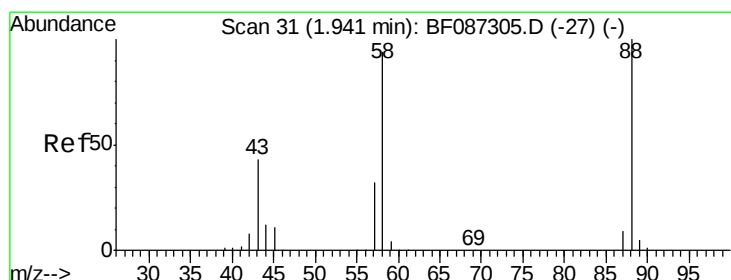
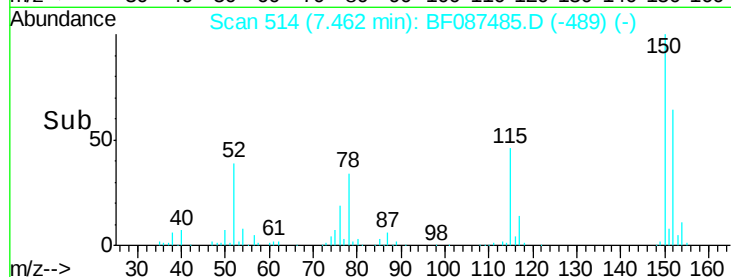
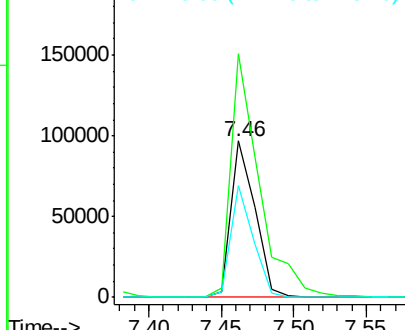
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152	100	110843		
150	155.6	125.8	188.6	
115	71.6	51.5	77.3	

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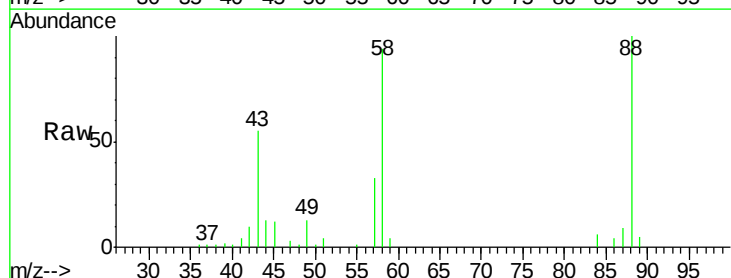
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



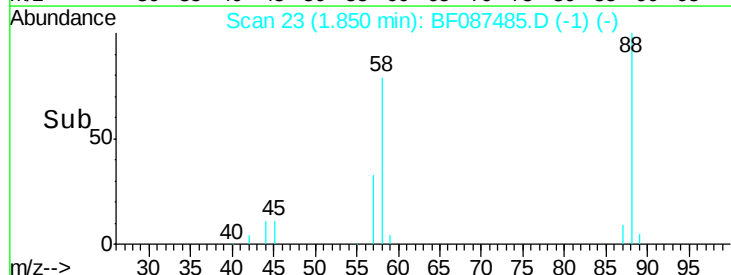
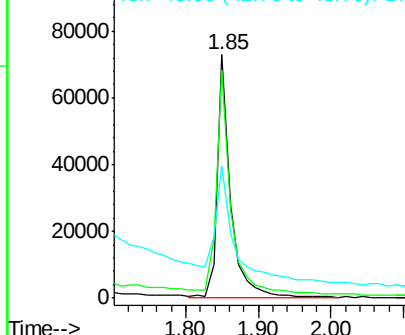
#2

1,4-Dioxane
Concen: 28.40 ng
RT: 1.85 min Scan# 23
Delta R.T. 0.09 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	94527		
58	96.7	59.6	89.4#	
43	69.4	21.8	32.6#	



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





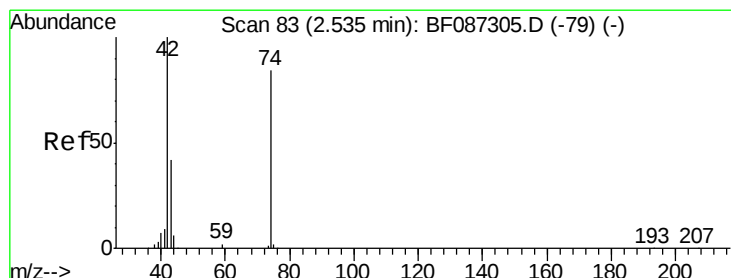
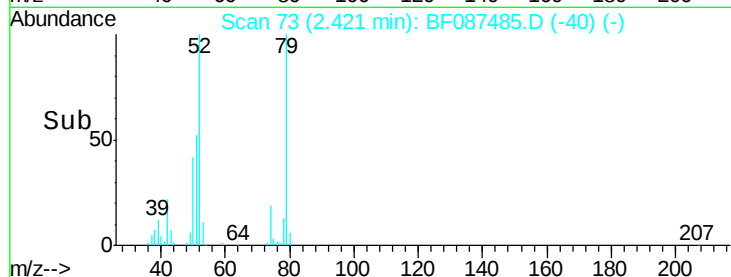
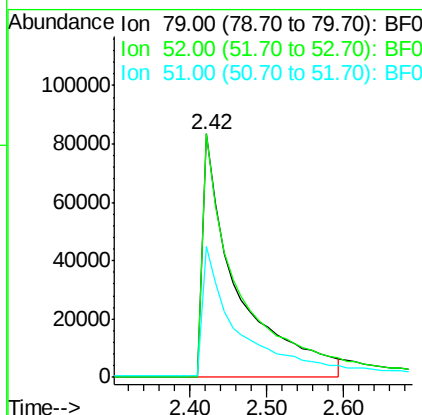
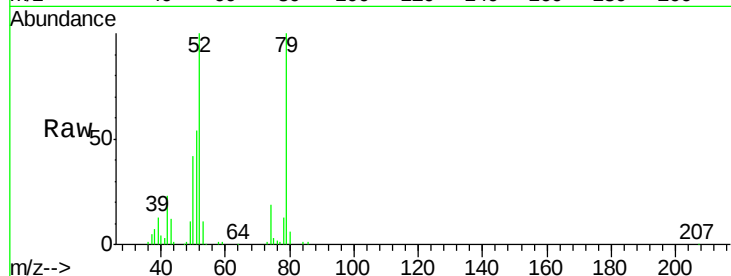
#3
 Pyridine
 Concen: 36.00 ng
 RT: 2.42 min Scan# 73
 Delta R.T. 0.08 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
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 PB90965BS

Tgt Ion	Ratio	Resp Lower	Upper
79	100		
52	99.8	55.9	83.9#
51	53.6	28.1	42.1#

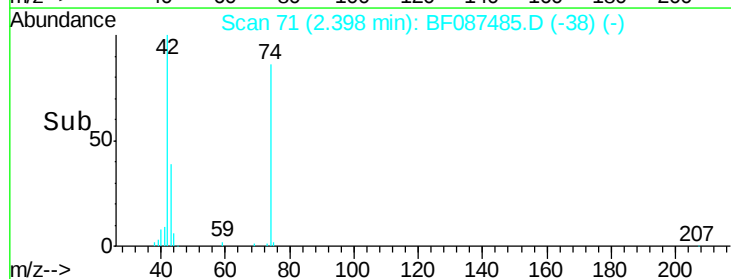
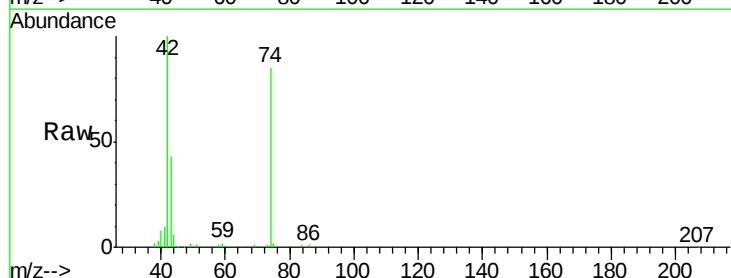
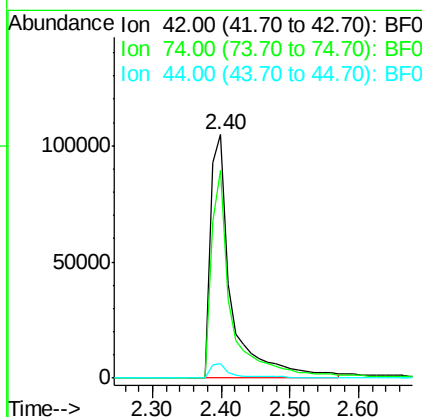
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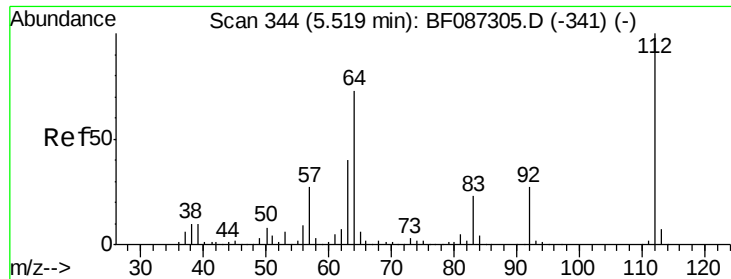
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#4
 n-Nitrosodimethylamine
 Concen: 40.21 ng
 RT: 2.40 min Scan# 71
 Delta R.T. 0.08 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	85.4	123.4	185.0#
44	5.8	5.8	8.6





#5

2-Fluorophenol

Concen: 130.63 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.02 min

Lab File: BF087485.D

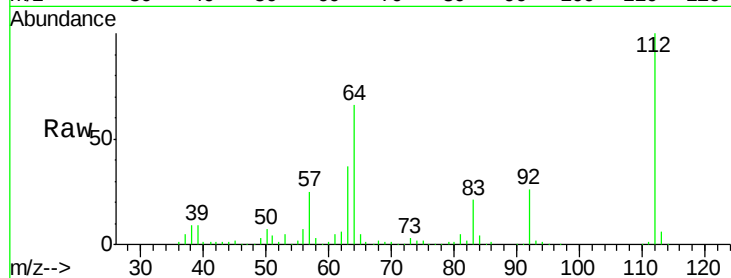
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Instrument :

BNA_F

ClientSampleId :

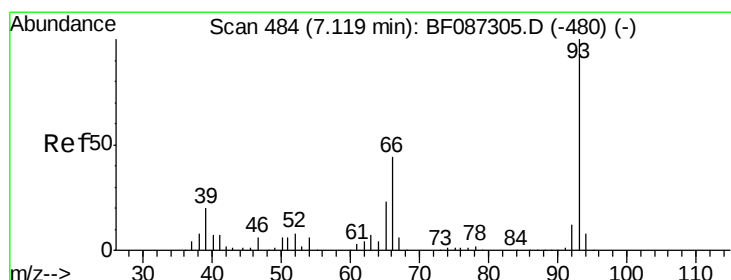
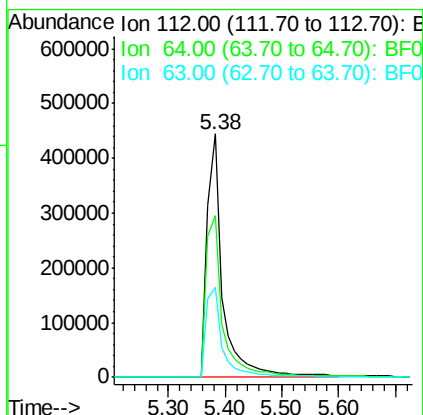
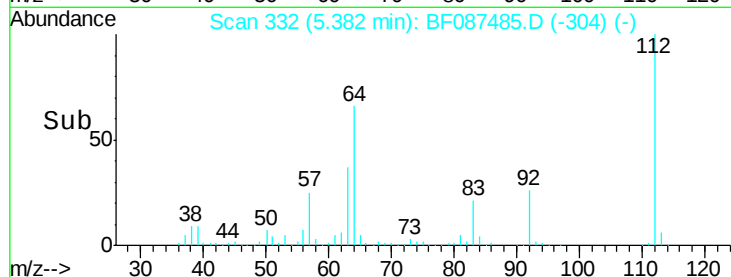
PB90965BS



Tgt Ion:	112	Resp:	824015
Ion Ratio	Lower	Upper	
112	100		
64	66.5	52.1	78.1
63	37.1	25.7	38.5

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#6

Aniline

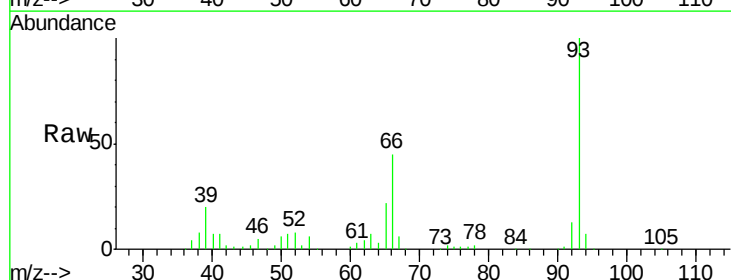
Concen: 22.50 ng

RT: 6.97 min Scan# 471

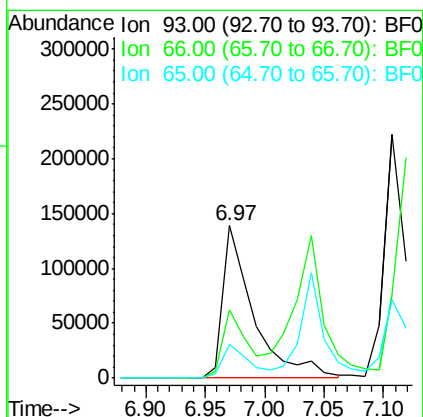
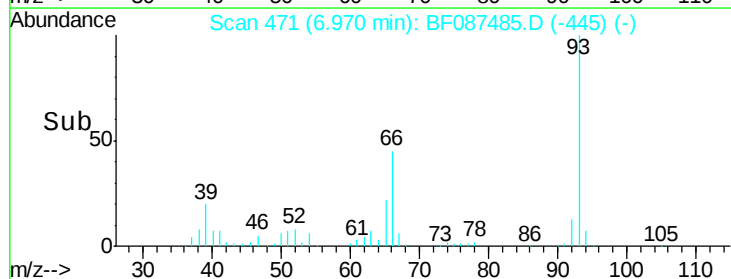
Delta R.T. 0.00 min

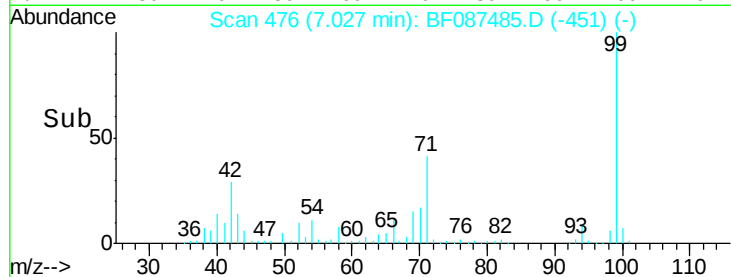
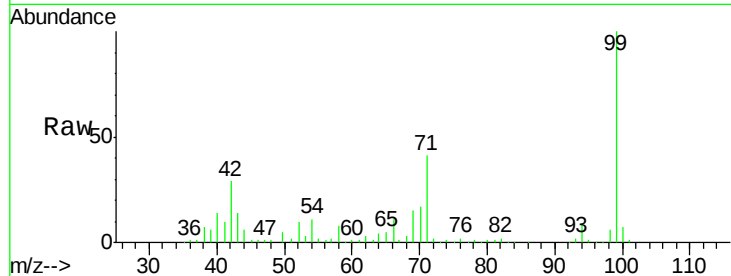
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Tgt Ion:	93	Resp:	248066
Ion Ratio	Lower	Upper	
93	100		
66	44.5	39.0	58.6
65	22.5	20.6	31.0





#7

Phenol-d6

Concen: 122.13 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt Ion:	99	Resp:	1040987
Ion	Ratio	Lower	Upper
99	100		
42	28.8	13.6	20.4#
71	40.7	24.6	36.8#

Instrument :

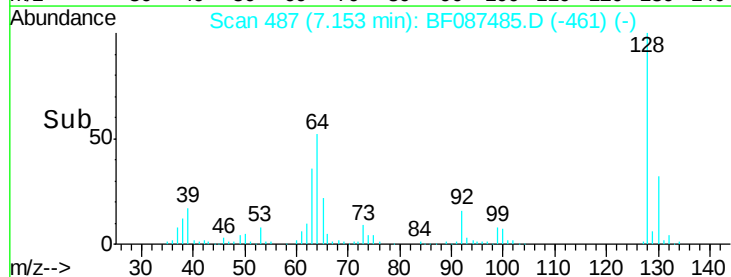
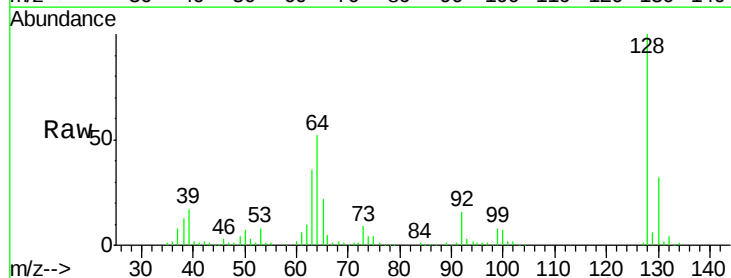
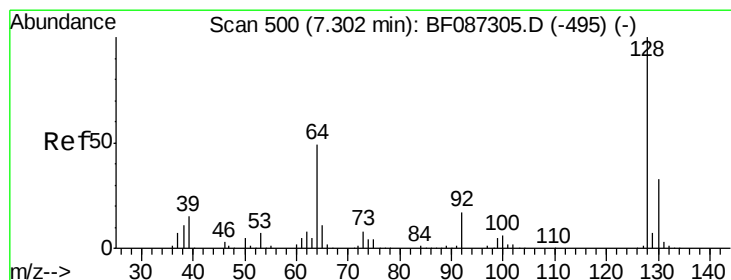
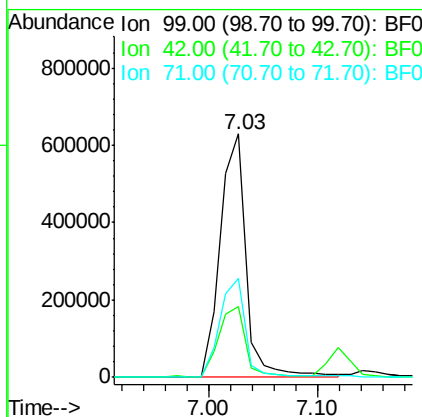
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#8

2-Chlorophenol

Concen: 39.93 ng

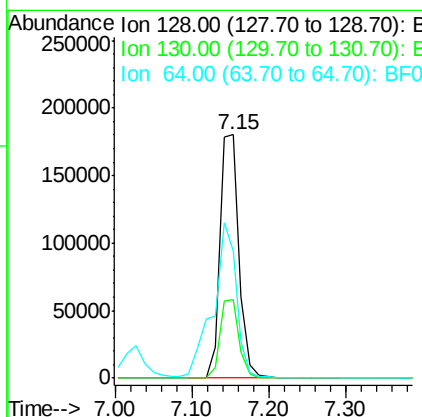
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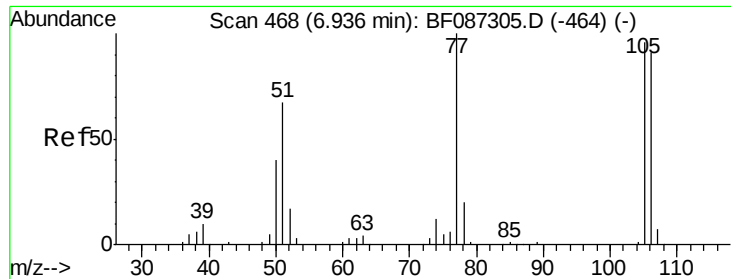
Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt Ion:	128	Resp:	314098
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	52.0	27.3	67.3





#9

Benzaldehyde

Concen: 7.88 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.05 min

Lab File: BF087485.D

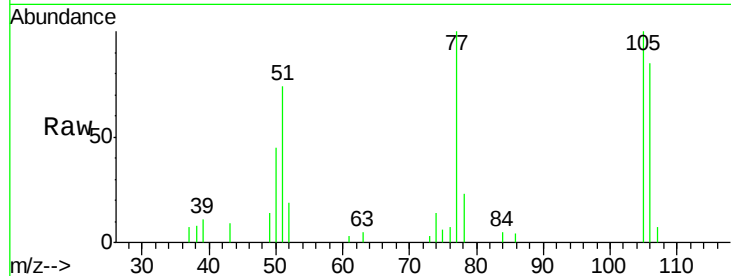
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Instrument :

BNA_F

ClientSampleId :

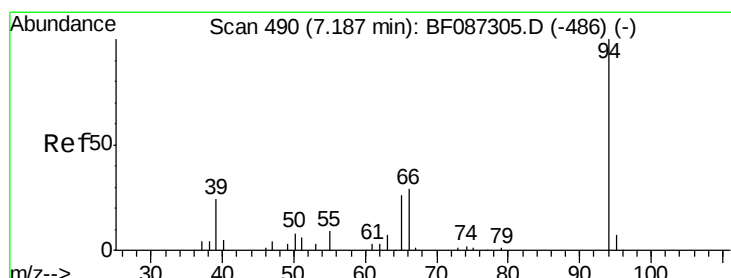
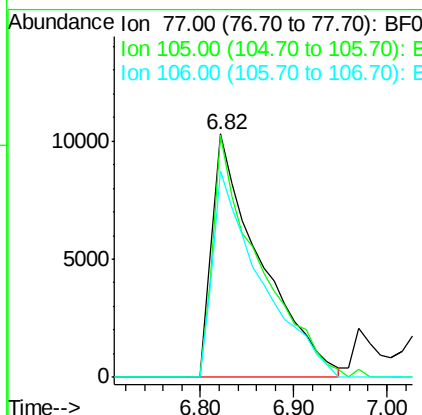
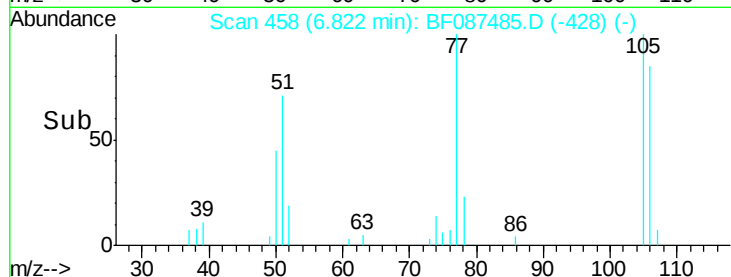
PB90965BS



Tgt Ion:	77	Resp:	37094
Ion	Ratio	Lower	Upper
77	100		
105	99.7	72.7	112.7
106	84.7	70.8	110.8

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#10

Phenol

Concen: 42.68 ng

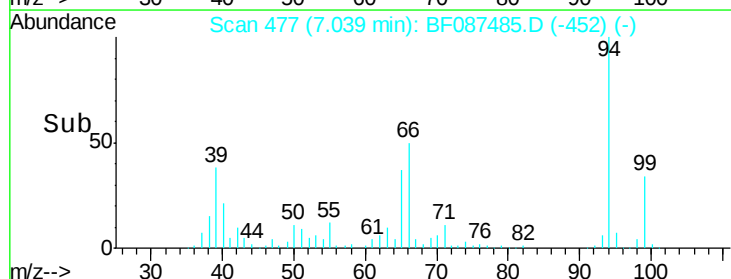
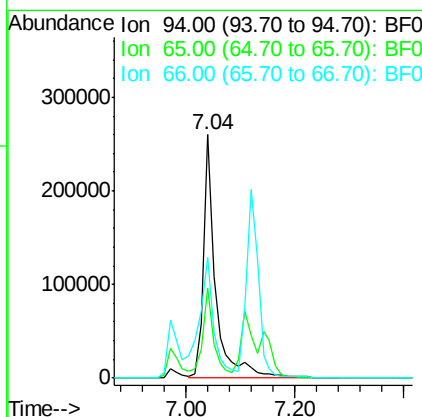
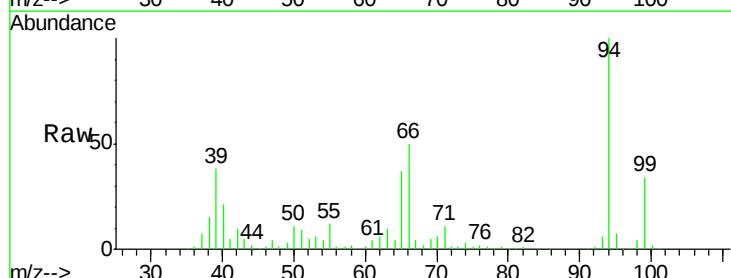
RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt Ion:	94	Resp:	397294
Ion	Ratio	Lower	Upper
94	100		
65	36.8	7.2	47.2
66	49.8	14.9	54.9





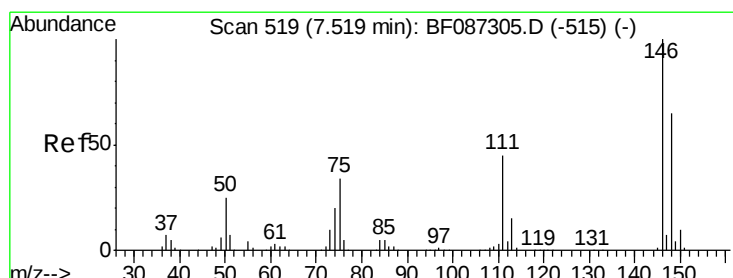
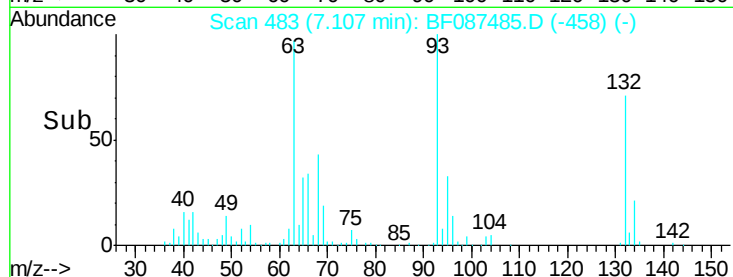
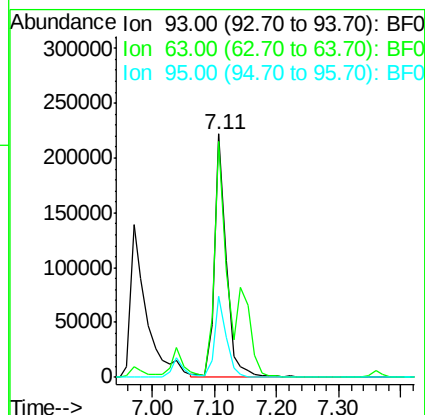
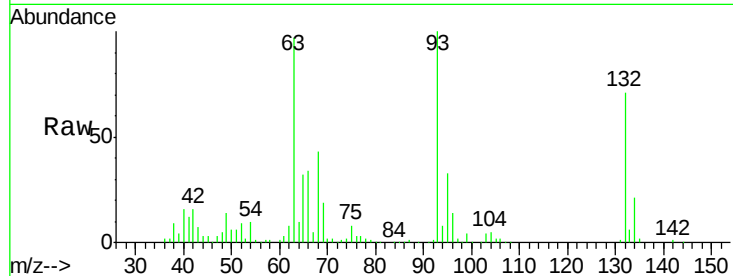
#11
bis(2-Chloroethyl)ether
Concen: 38.47 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB90965BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	97.0	58.0	98.0
95	33.1	11.9	51.9

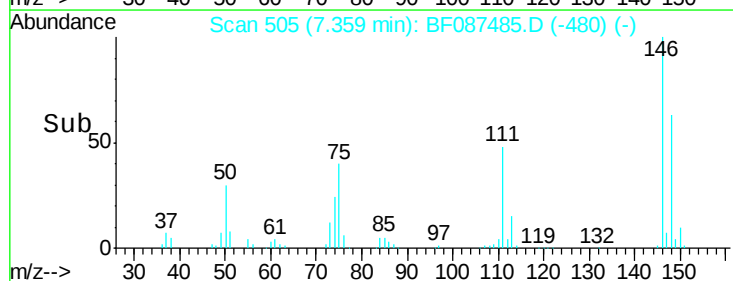
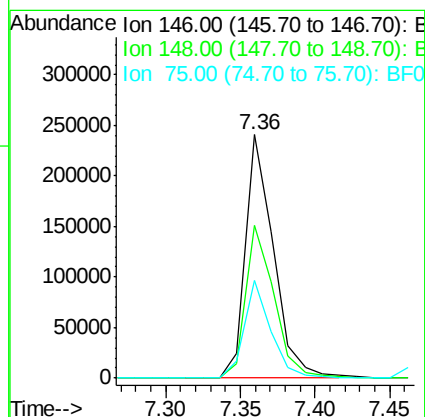
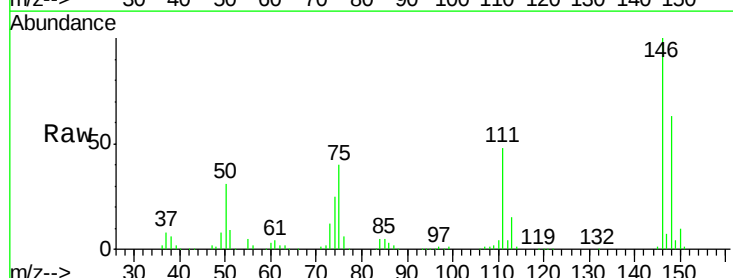
Manual Integrations
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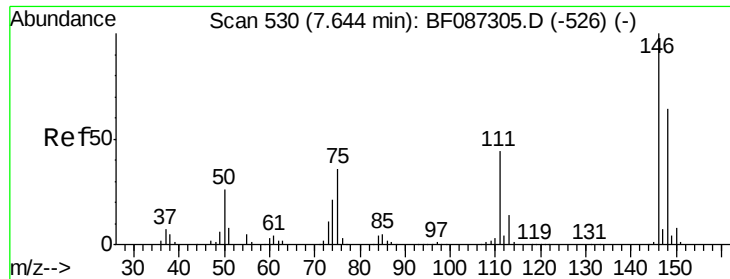
umangi
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#12
1,3-Dichlorobenzene
Concen: 36.64 ng m
RT: 7.36 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	62.7	52.4	78.6
75	40.2	22.8	34.2#





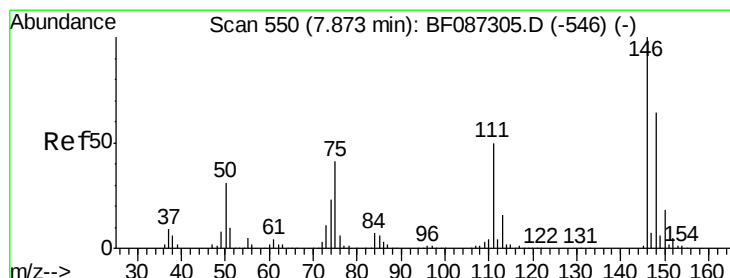
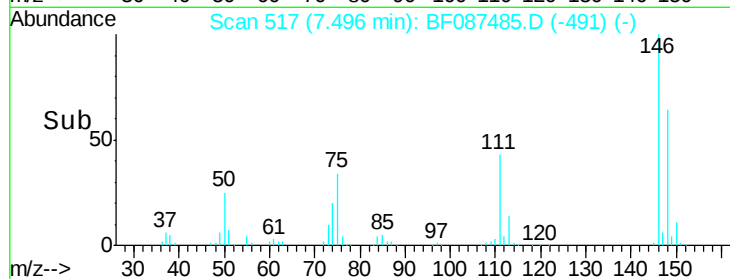
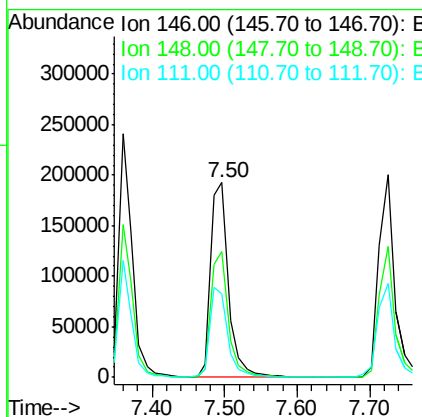
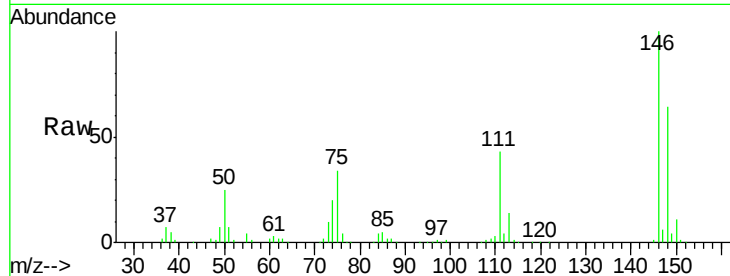
#13
 1,4-Dichlorobenzene
 Concen: 37.66 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	331696		
148	64.4	52.2	78.4	
111	43.3	30.7	46.1	

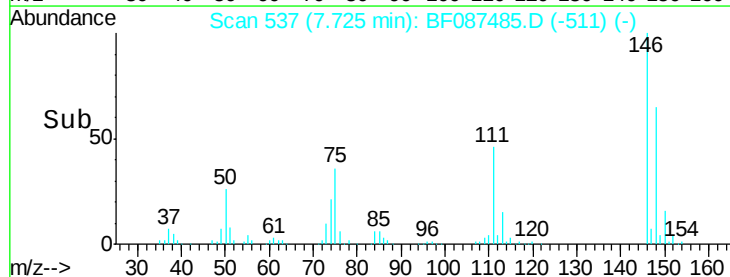
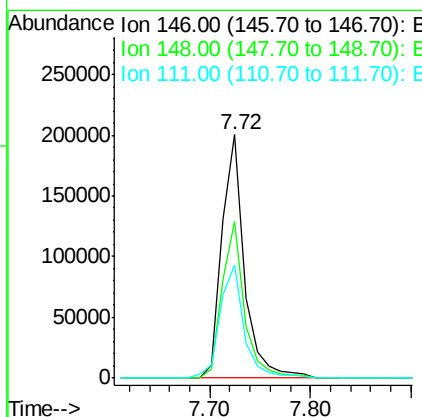
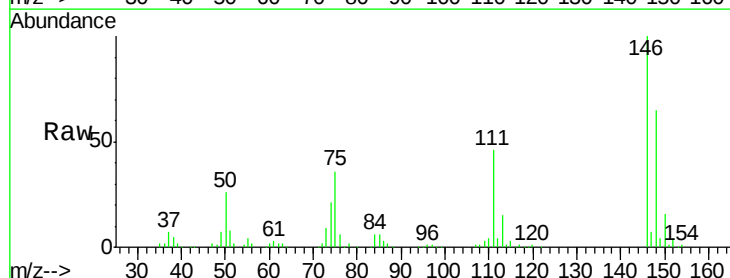
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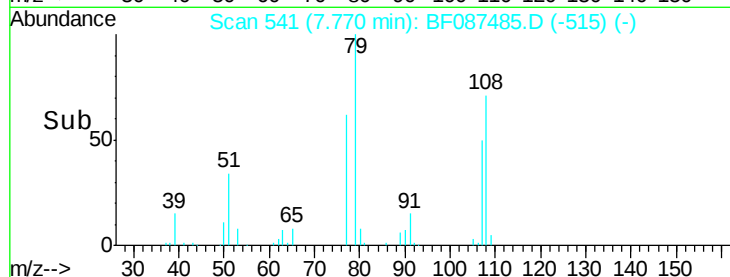
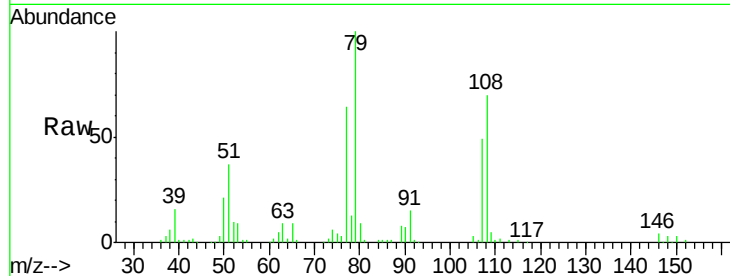
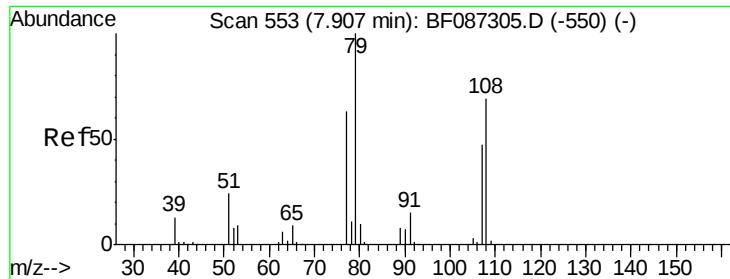
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#14
 1,2-Dichlorobenzene
 Concen: 38.20 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	311288		
148	64.5	51.0	76.6	
111	46.3	36.2	54.4	





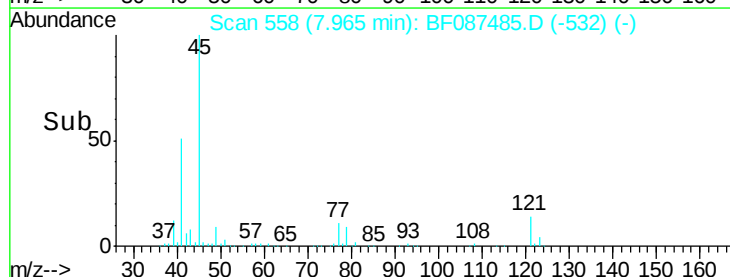
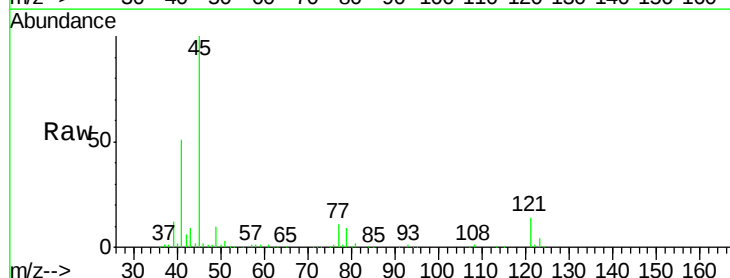
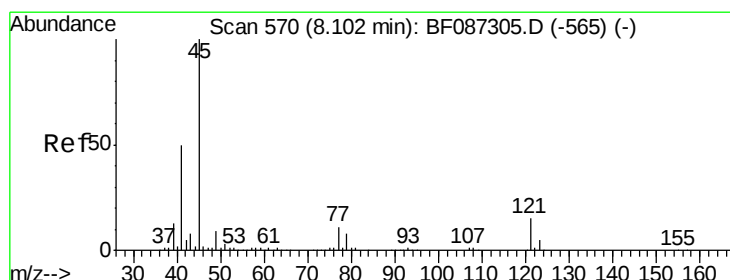
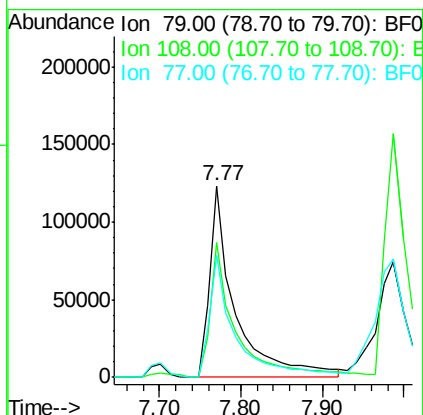
#15
Benzyl Alcohol
Concen: 43.44 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	269965		
108	70.5	68.4	102.6	
77	63.8	50.6	76.0	

Instrument :
BNA_F
ClientSampleId :
PB90965BS

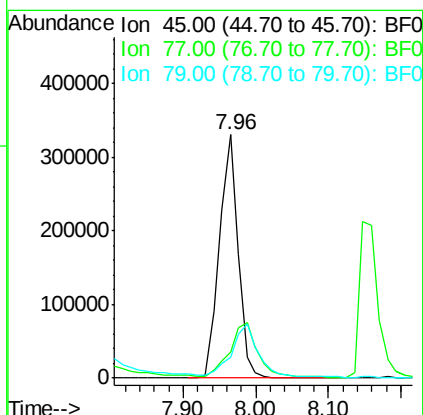
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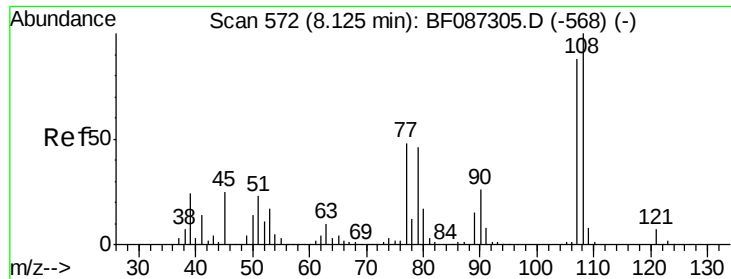
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.90 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	591495		
77	10.8	0.0	36.4	
79	8.6	0.0	33.4	





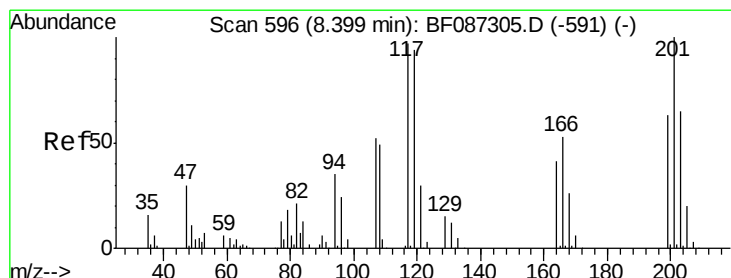
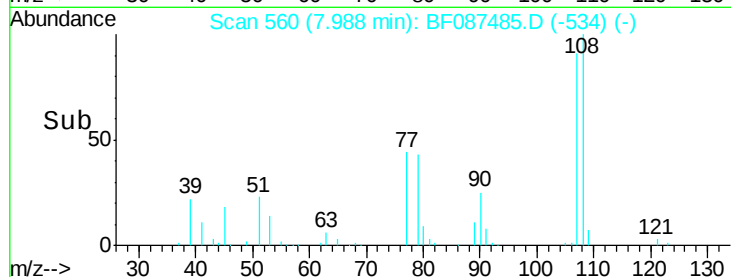
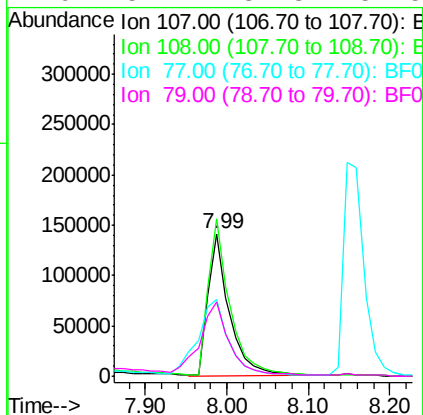
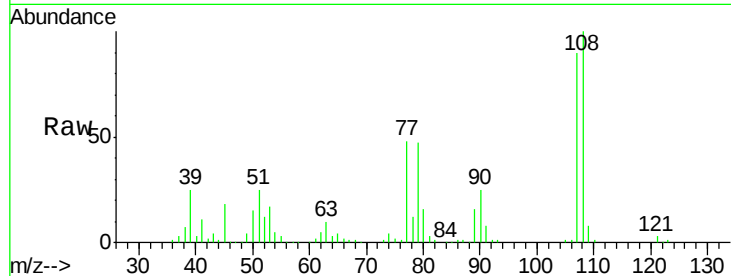
#17
2-Methylphenol
Concen: 41.25 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

Tgt Ion:	107	Resp:	260027
Ion Ratio	Lower	Upper	
107	100		
108	110.7	93.7	140.5
77	53.6	33.4	50.0#
79	52.4	34.3	51.5#

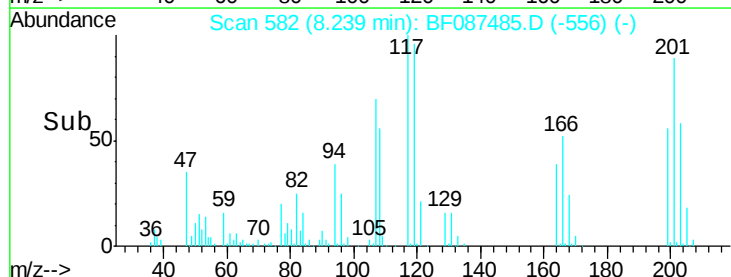
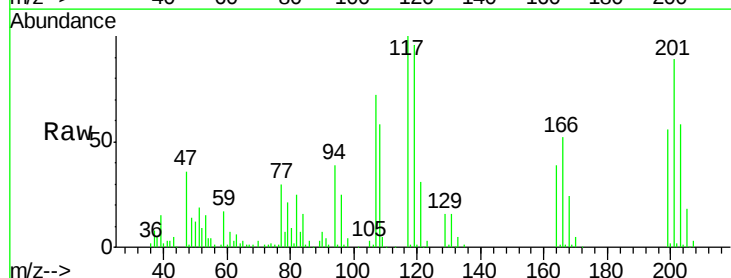
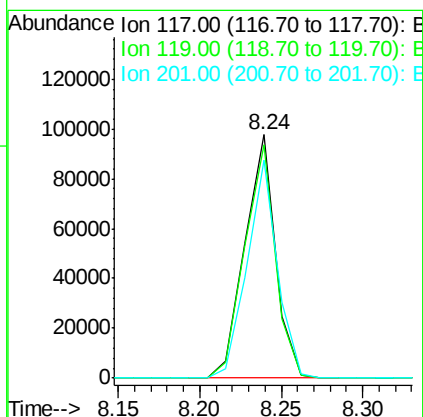
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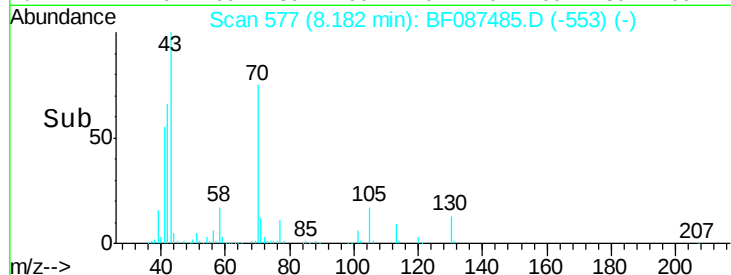
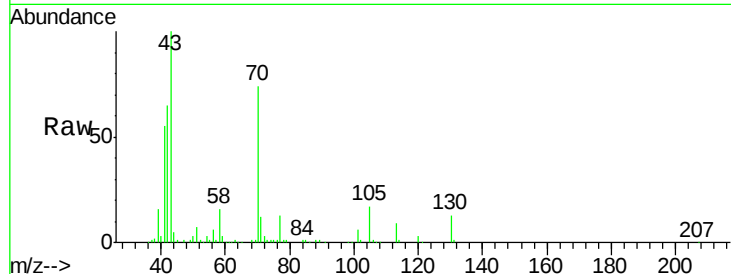
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#18
Hexachloroethane
Concen: 38.55 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion:	117	Resp:	126672
Ion Ratio	Lower	Upper	
117	100		
119	95.7	76.5	114.7
201	89.3	63.0	94.6





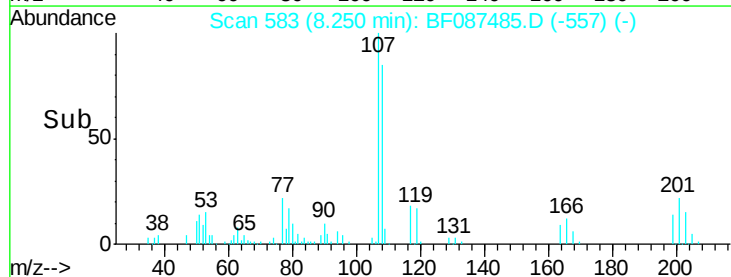
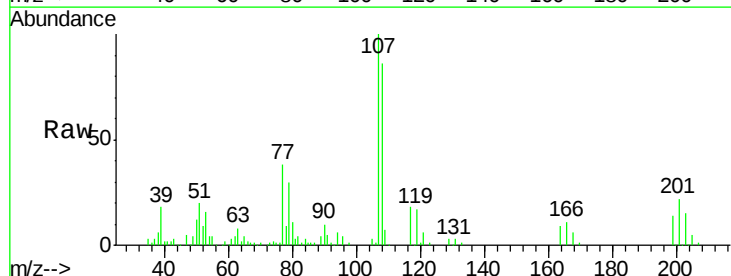
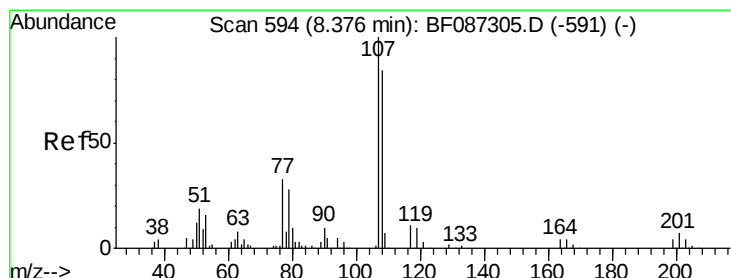
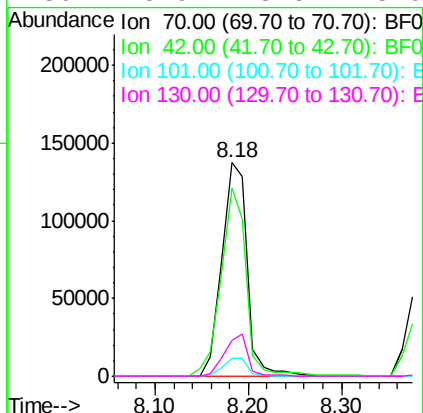
#19
n-Nitroso-di-n-propylamine
Concen: 40.65 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

Manual Integrations
APPROVED

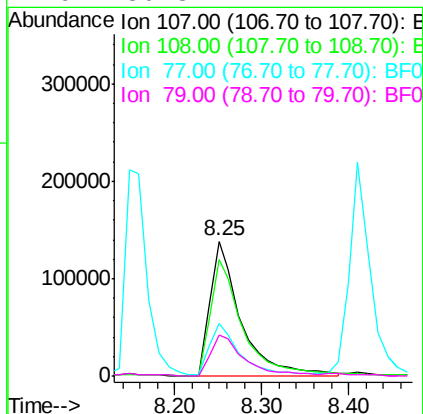
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	87.8	43.1	64.7#
101	8.4	8.1	12.1
130	16.9	18.6	28.0#



#20
3+4-Methylphenols
Concen: 44.48 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.5	108.5
77	38.5	101.6	141.6#
79	30.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087485.D

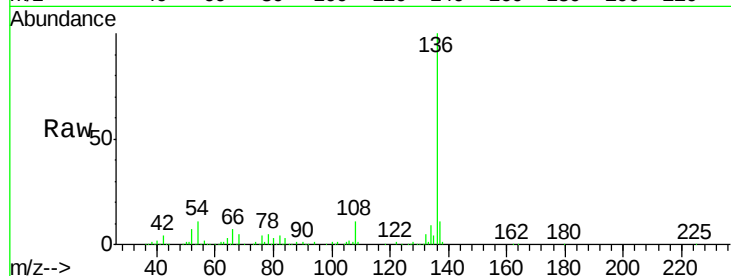
Acq: 28 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90965BS



Tgt Ion:136 Resp: 467833

Ion Ratio Lower Upper

136 100

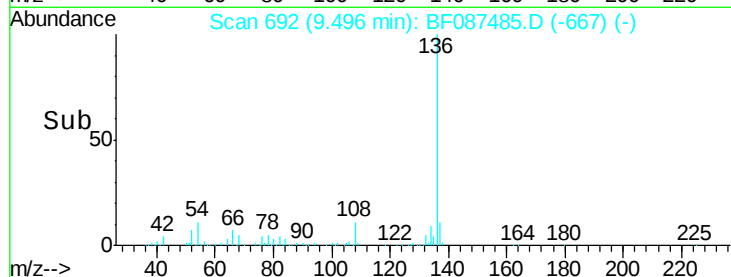
137 11.1 8.8 13.2

54 10.6 5.0 7.4#

68 5.3 4.4 6.6

Manual Integrations
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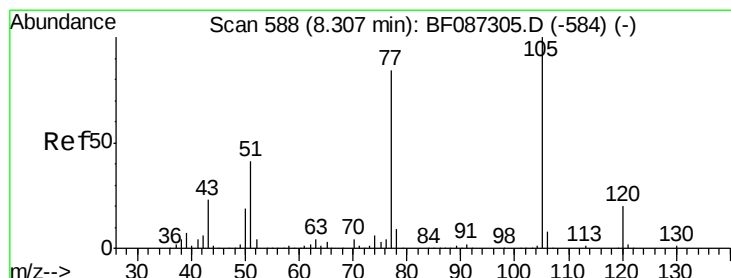
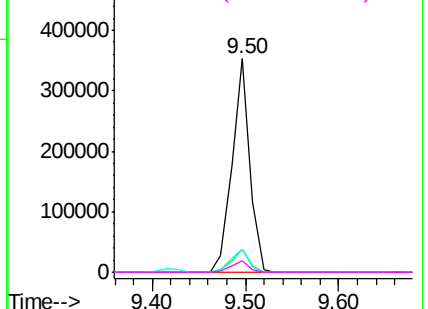


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.10 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt Ion:105 Resp: 448223

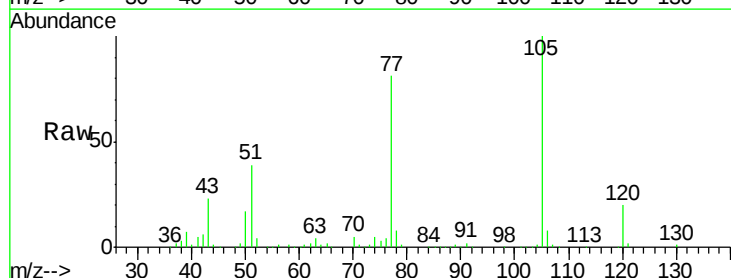
Ion Ratio Lower Upper

105 100

71 0.8 4.8 7.2#

51 38.9 32.6 49.0

120 19.9 16.5 24.7

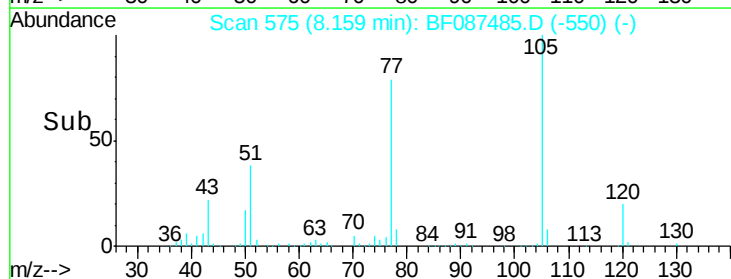
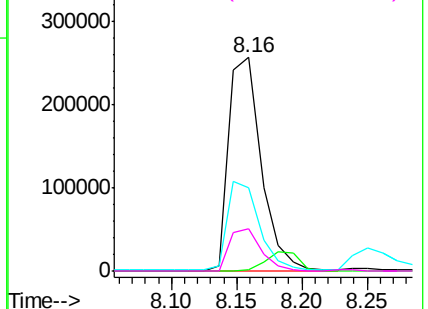


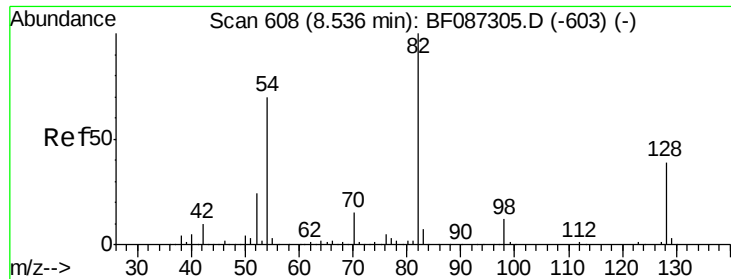
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





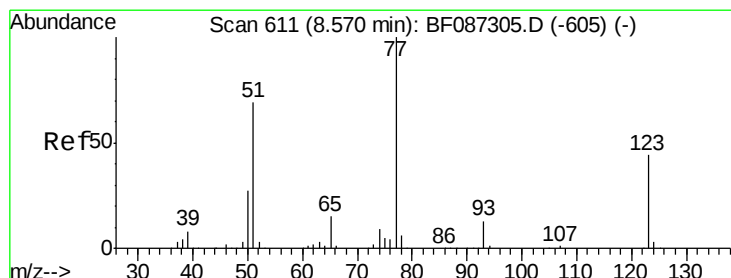
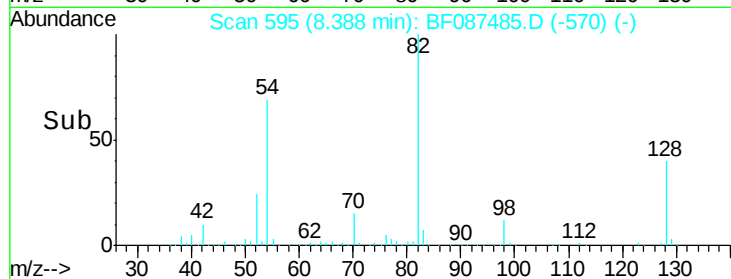
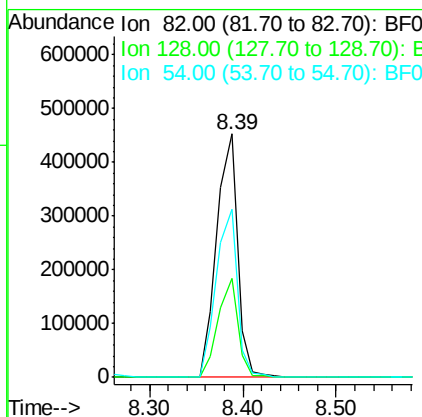
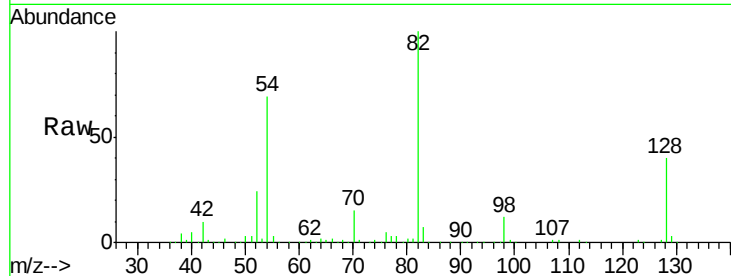
#23
 Nitrobenzene-d5
 Concen: 76.65 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	40.6	61.0#
54	68.8	38.1	57.1#

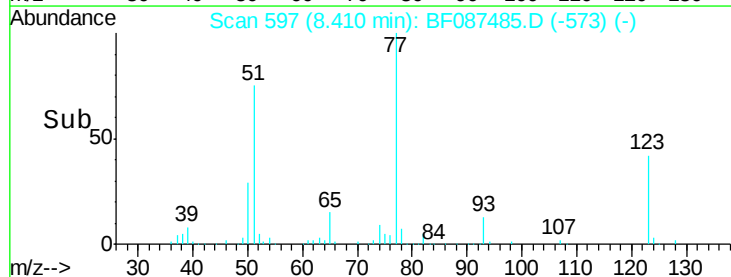
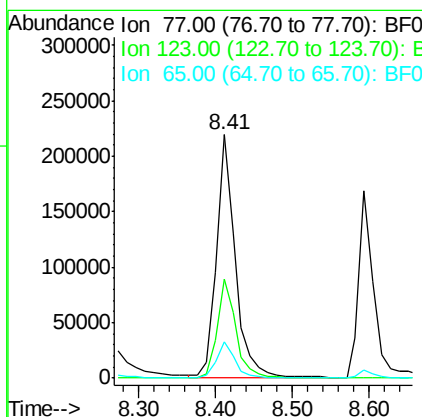
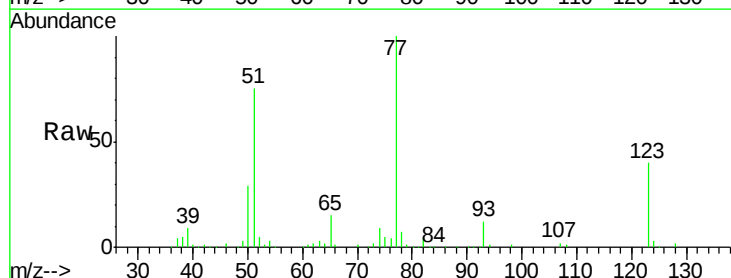
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#24
 Nitrobenzene
 Concen: 37.93 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	33.0	49.4
65	14.8	10.8	16.2





#25

Isophorone

Concen: 38.42 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Instrument :

BNA_F

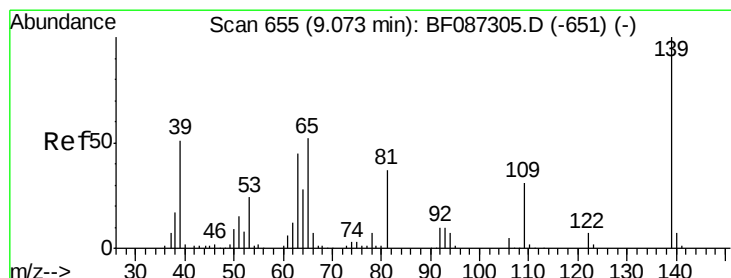
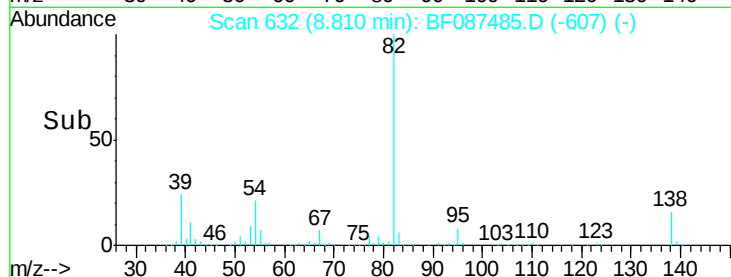
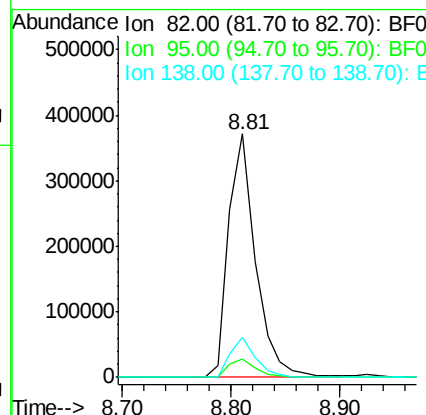
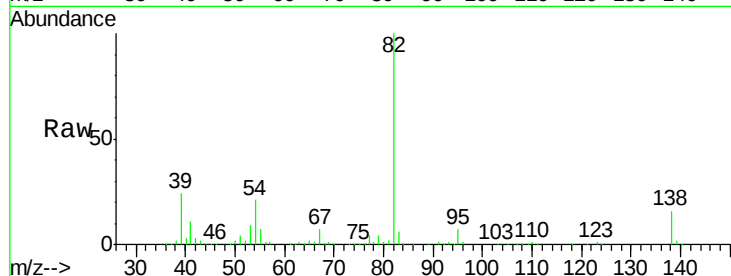
ClientSampleId :

PB90965BS

Tgt Ion:	82	Resp:	639613
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.1	7.7
138	16.3	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.86 ng

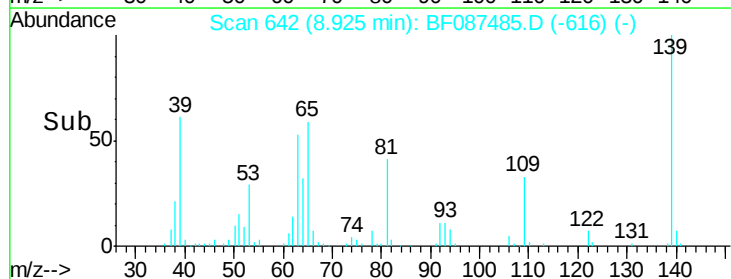
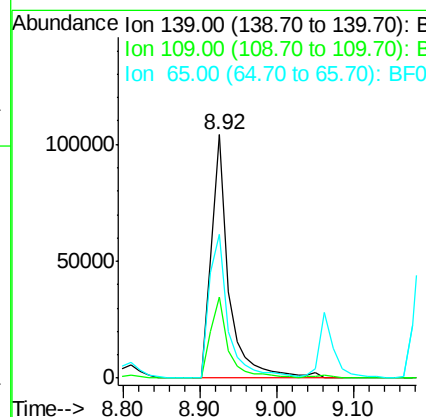
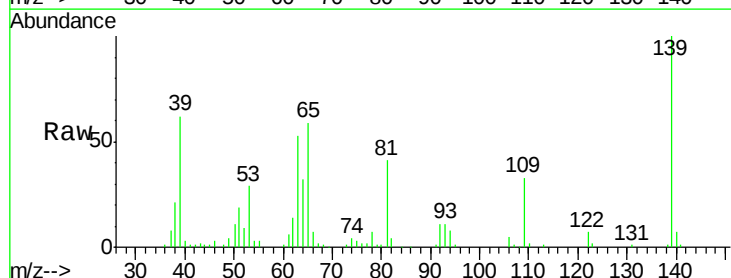
RT: 8.92 min Scan# 642

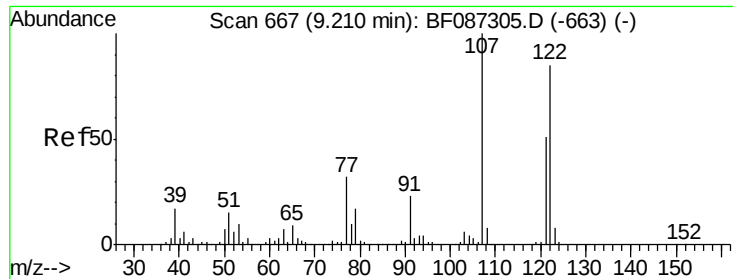
Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt Ion:	139	Resp:	163664
Ion Ratio	Lower	Upper	
139	100		
109	33.5	19.5	29.3#
65	59.1	37.5	56.3#





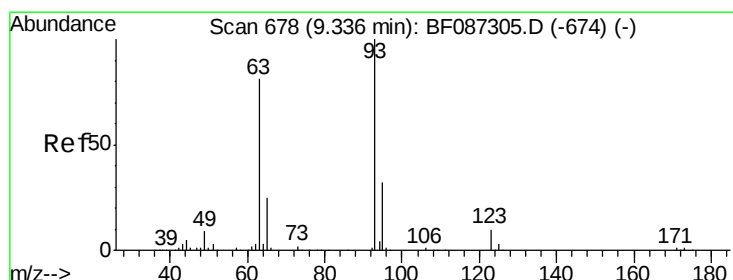
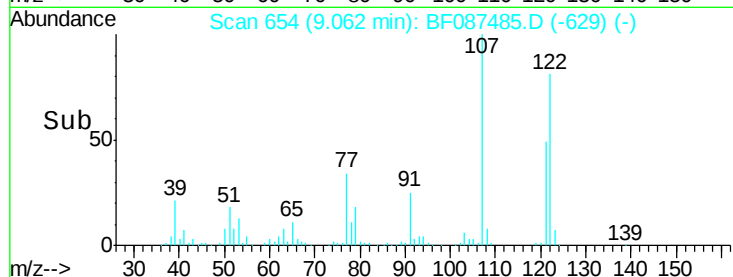
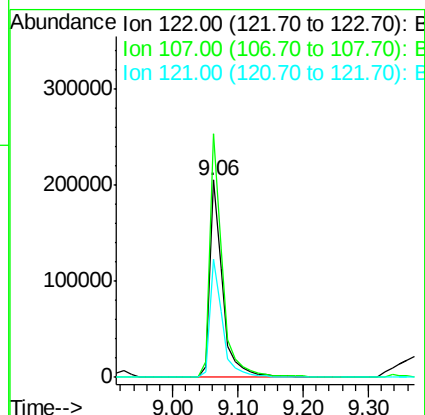
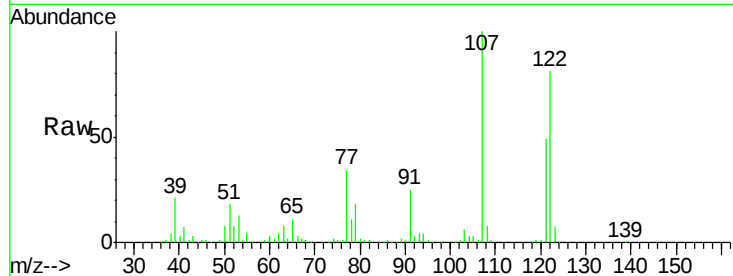
#27
 2,4-Dimethylphenol
 Concen: 40.20 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	279542		
107	123.4	82.0	123.0#	
121	60.1	46.1	69.1	

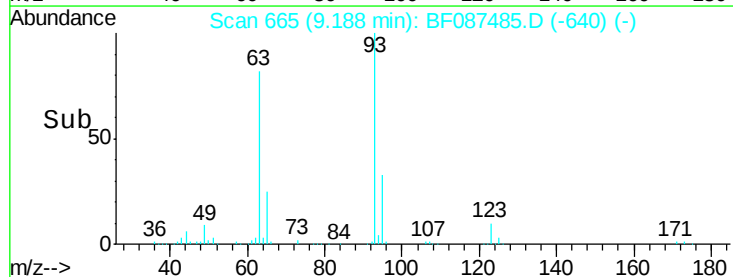
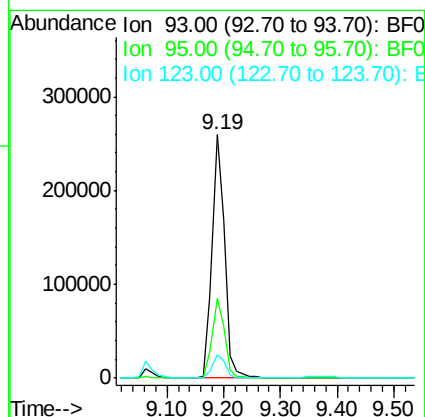
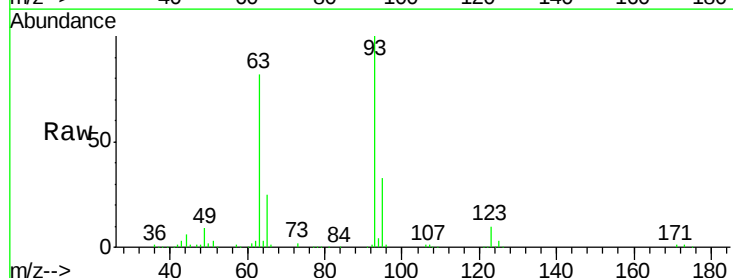
Manual Integrations
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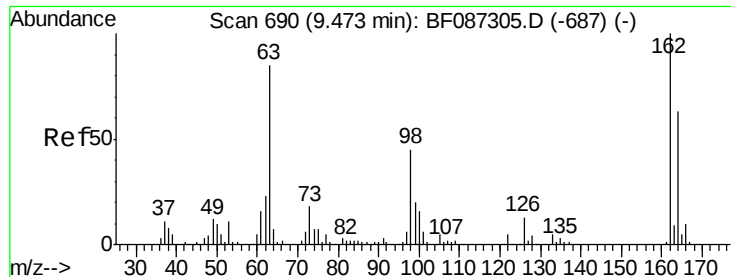
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.97 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	384188		
95	32.5	26.0	39.0	
123	9.7	9.5	14.3	





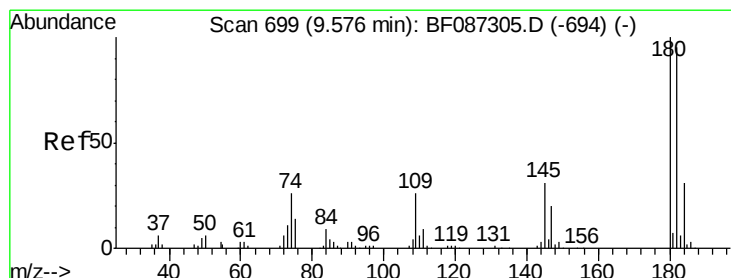
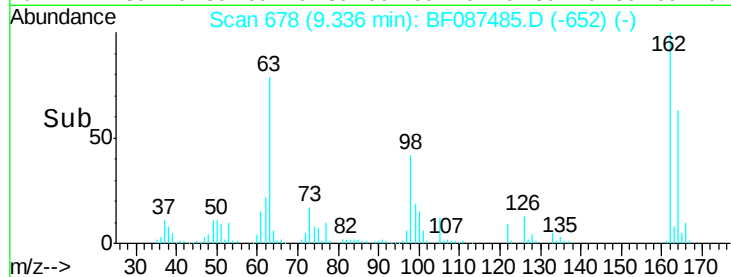
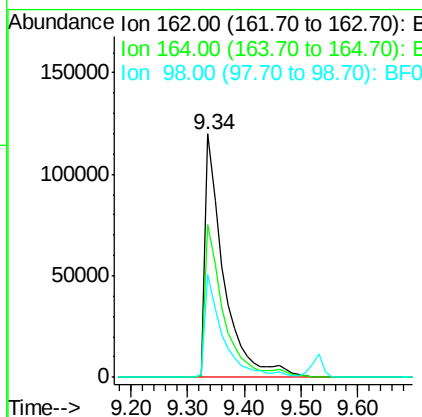
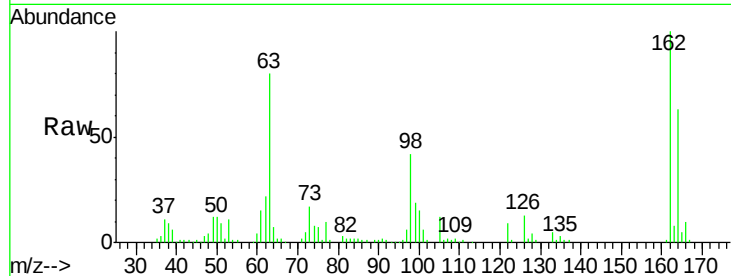
#29
 2,4-Dichlorophenol
 Concen: 42.35 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	42.2	82.2
98	42.4	19.0	59.0

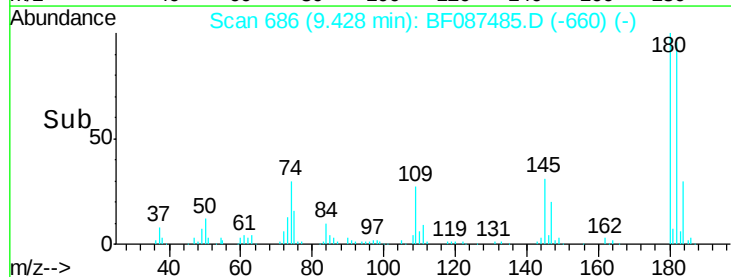
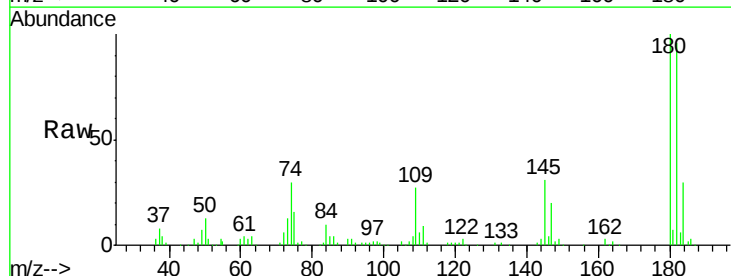
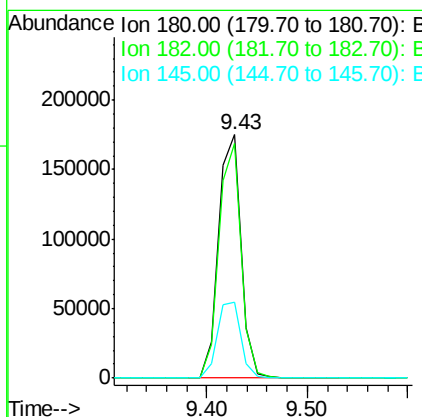
Manual Integrations
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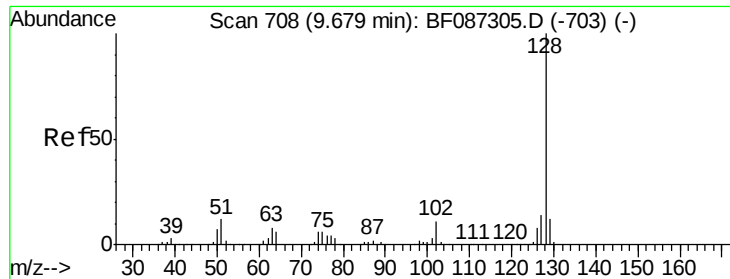
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.94 ng
 RT: 9.43 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.5	78.0	117.0
145	31.4	24.2	36.2





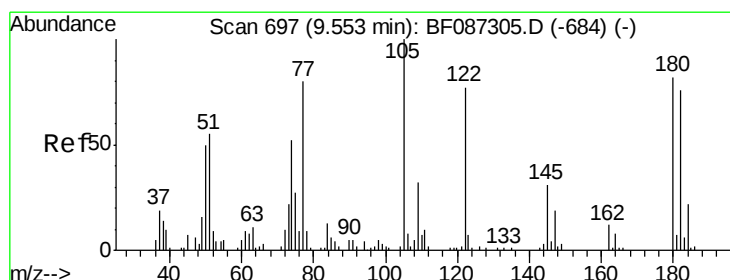
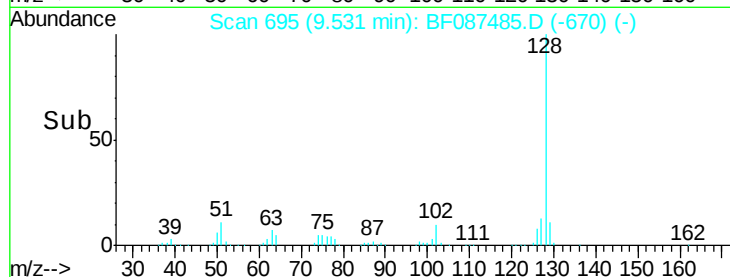
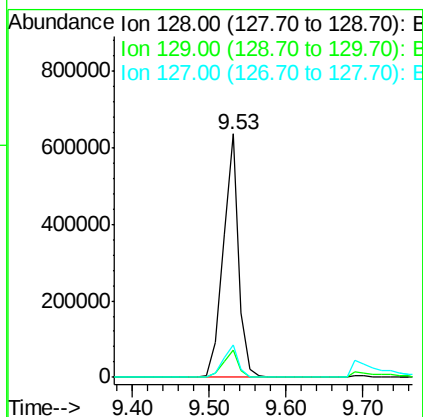
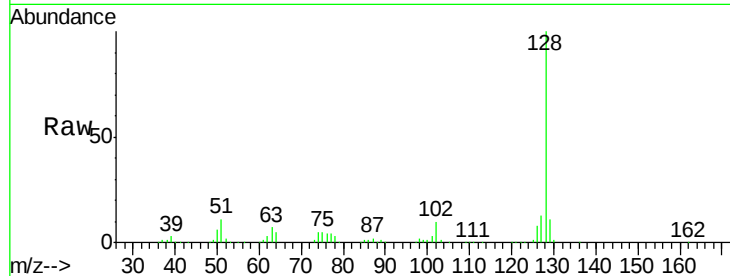
#31
Naphthalene
Concen: 38.32 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	898381		
129	11.1	8.6	13.0	
127	13.4	10.8	16.2	

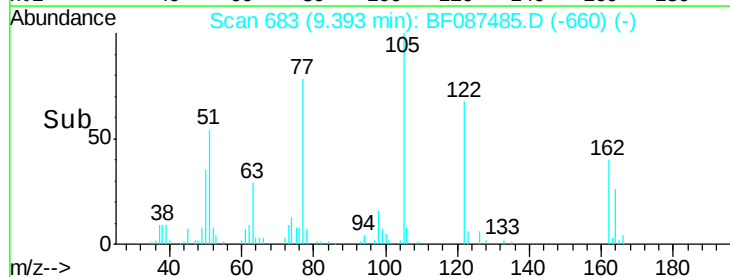
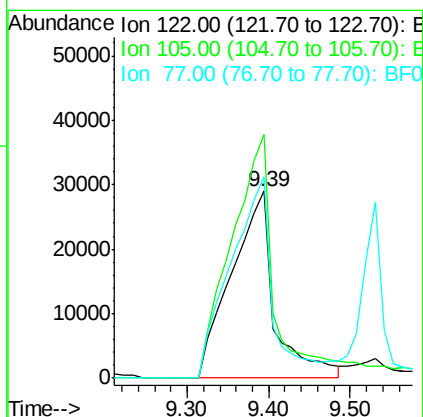
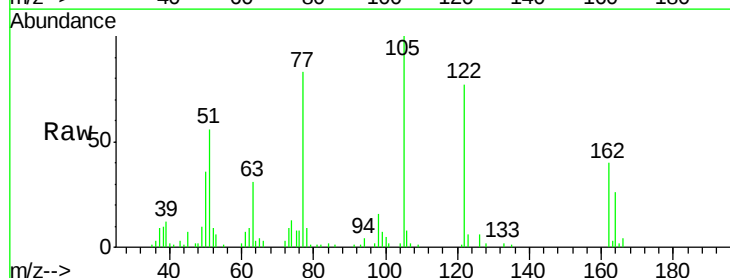
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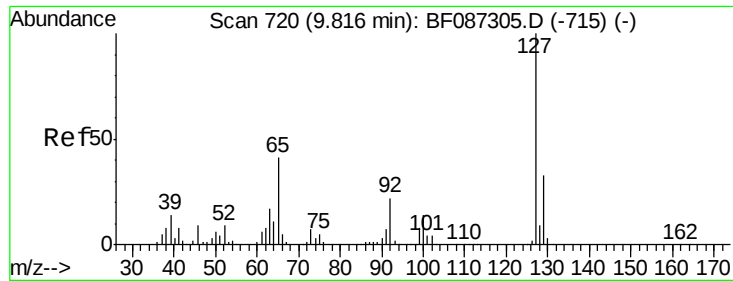
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#32
Benzoic acid
Concen: 31.81 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	105869		
105	130.3	92.6	132.6	
77	107.5	60.0	100.0	





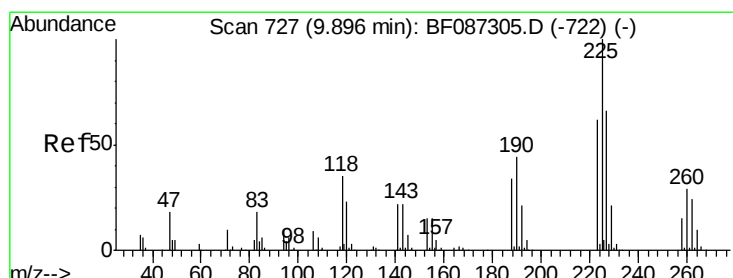
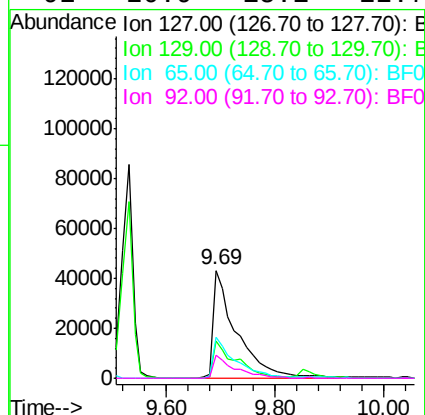
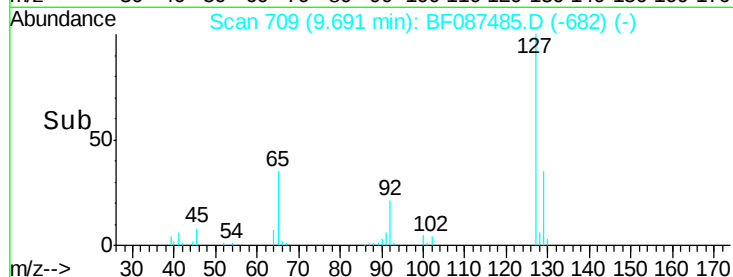
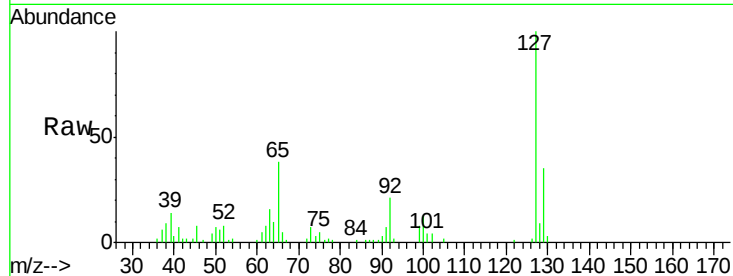
#33
4-Chloroaniline
Concen: 15.06 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	34.6	26.2	39.4
65	38.0	23.0	34.4
92	20.9	15.1	22.7

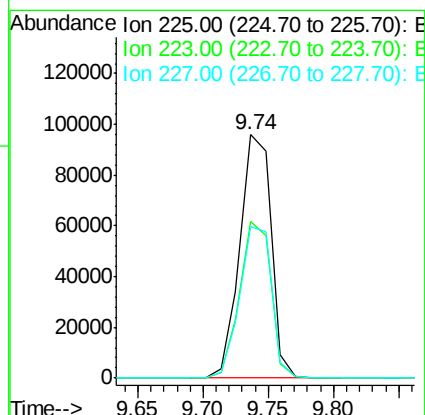
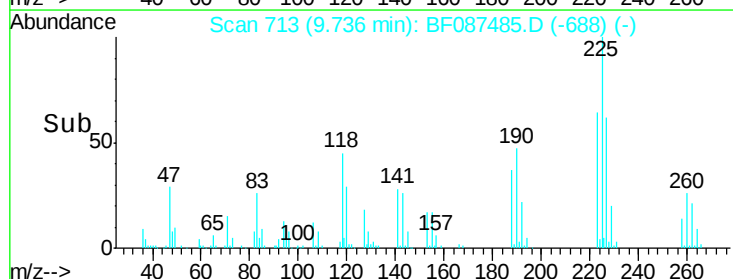
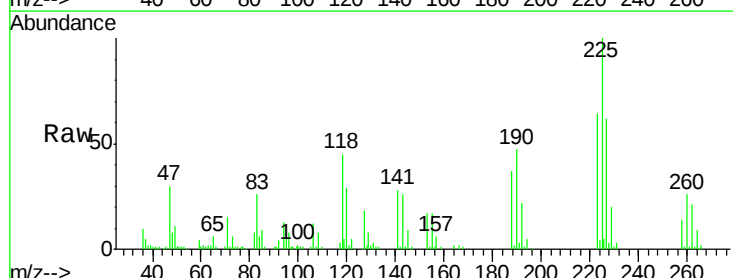
Manual Integrations
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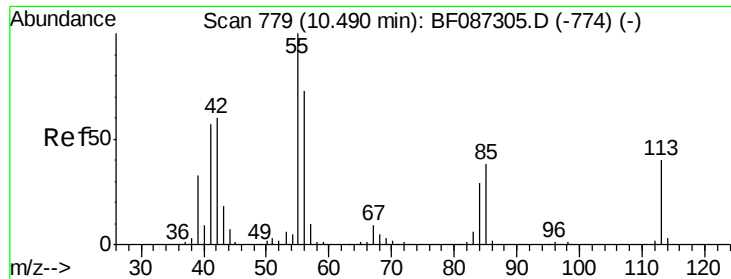
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#34
Hexachlorobutadiene
Concen: 36.67 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.2	51.5	77.3
227	62.1	52.2	78.2





#35

Caprolactam

Concen: 43.34 ng m

RT: 10.31 min Scan# 763

Delta R.T. -0.06 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90965BS

Tgt Ion:113 Resp: 79264

Ion Ratio Lower Upper

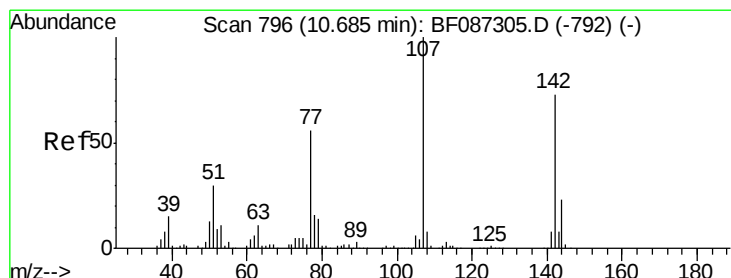
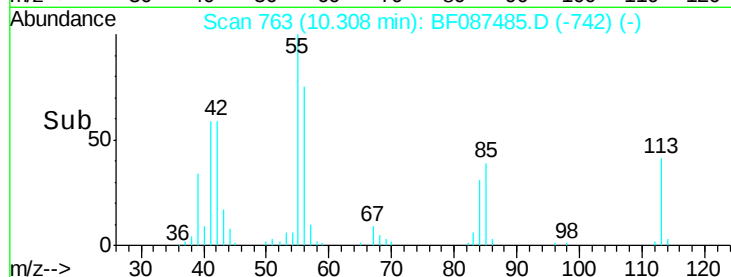
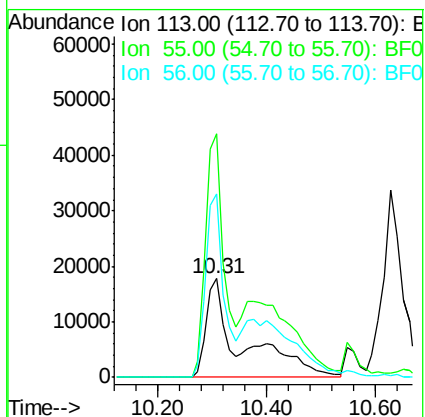
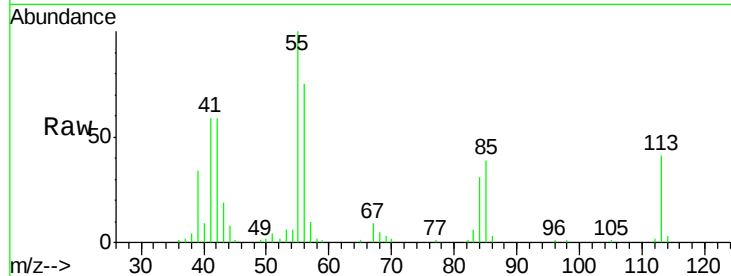
113 100

55 246.1 162.0 202.0#

56 185.2 115.3 155.3#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.56 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

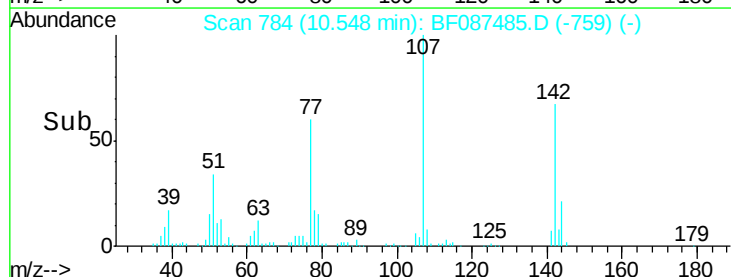
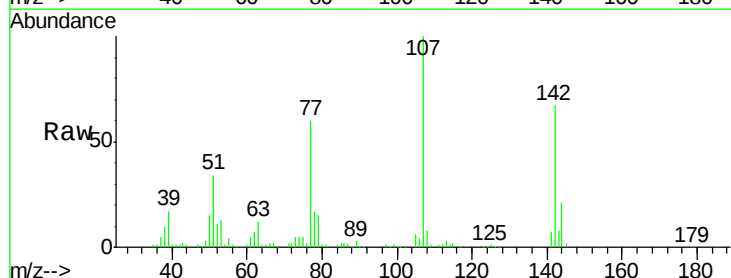
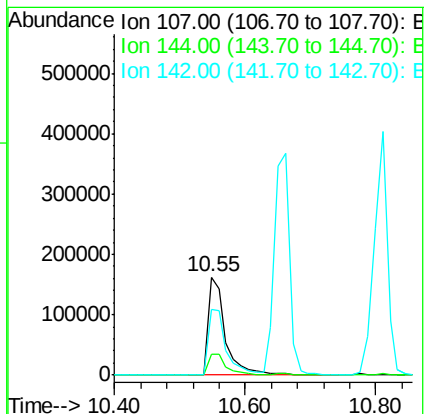
Tgt Ion:107 Resp: 301504

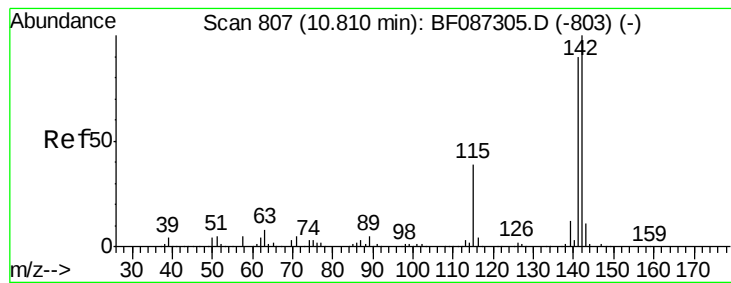
Ion Ratio Lower Upper

107 100

144 21.1 20.7 31.1

142 66.8 63.2 94.8





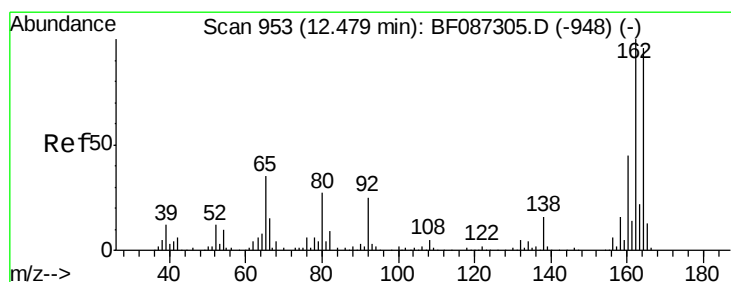
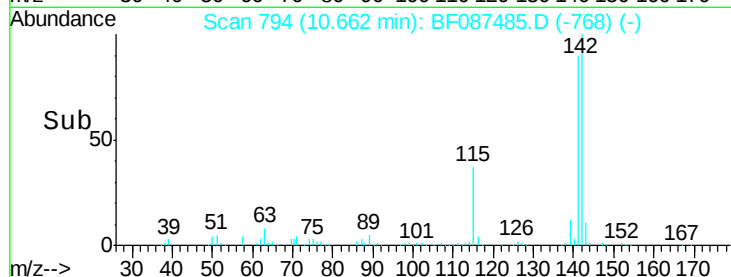
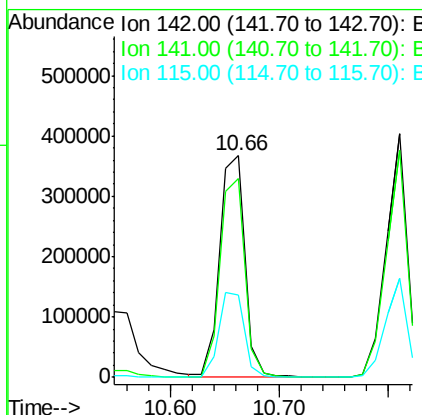
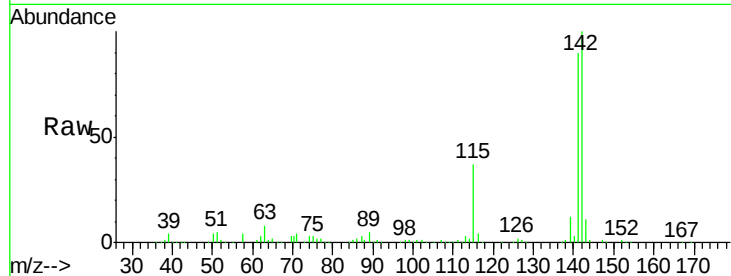
#37
2-Methylnaphthalene
Concen: 40.37 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampled :
PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	591175		
141	89.7	71.0	106.6	
115	37.4	26.6	39.8	

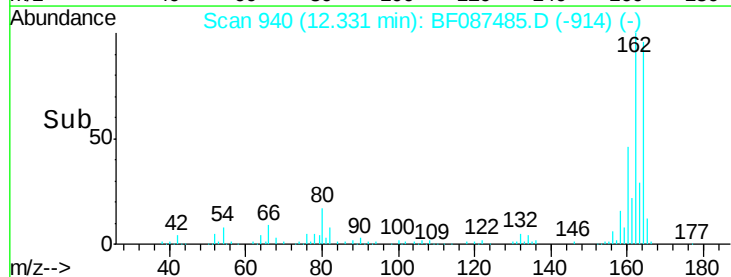
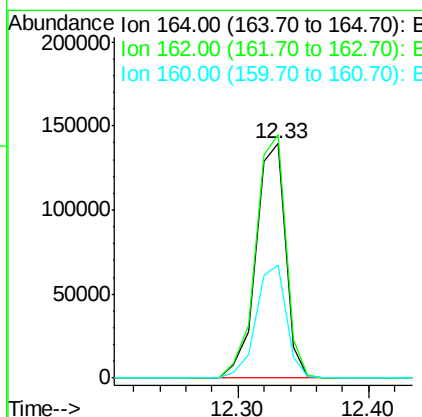
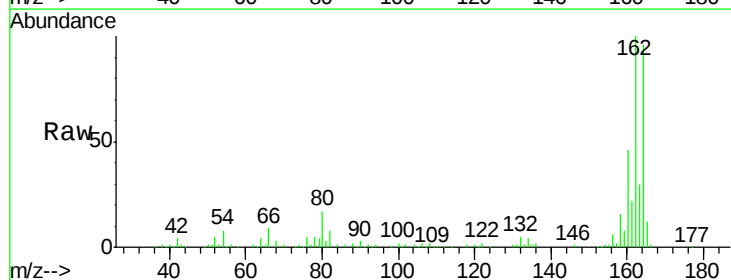
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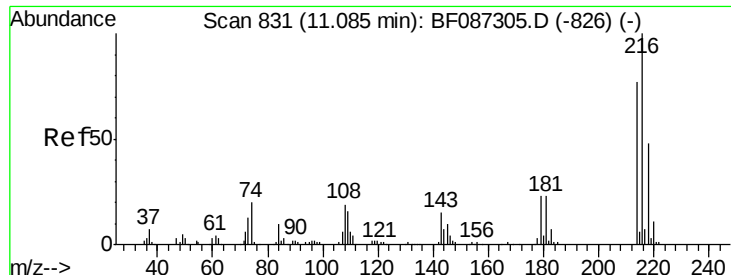
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	222063		
162	104.0	82.8	124.2	
160	48.0	36.9	55.3	





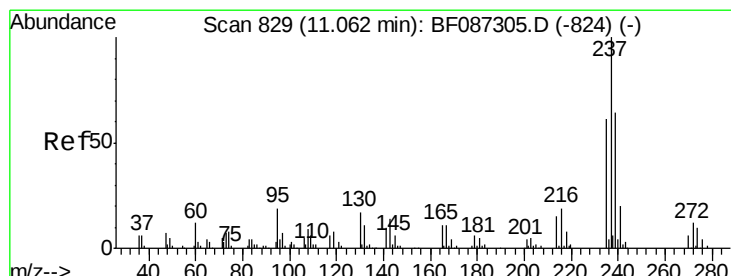
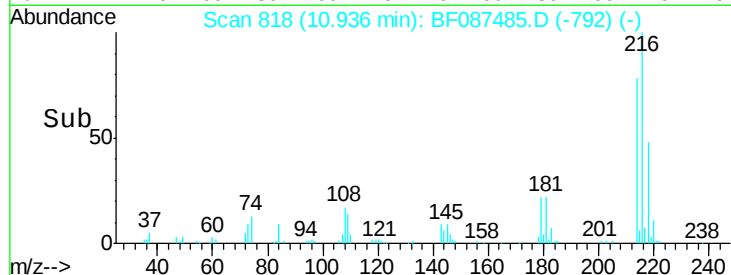
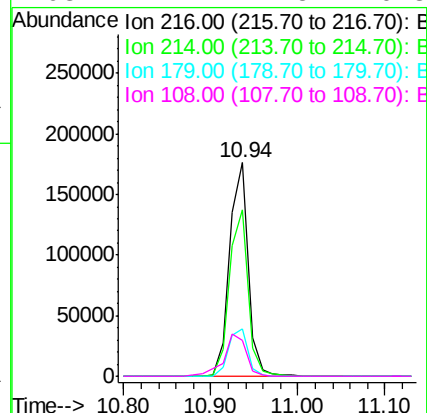
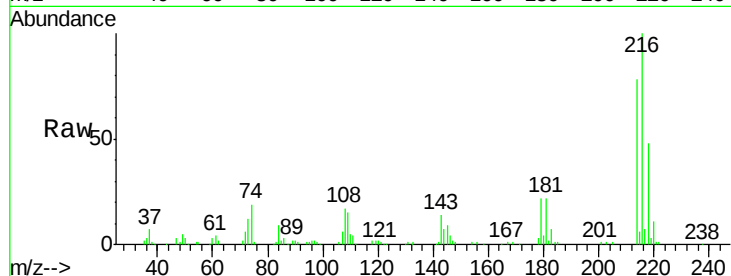
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.89 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	262193		
214	78.3	62.6	93.8	
179	23.3	18.2	27.4	
108	24.1	17.5	26.3	

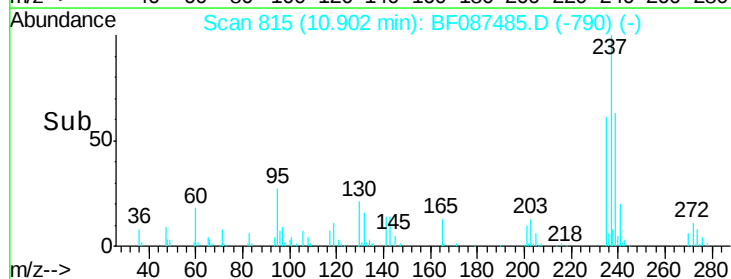
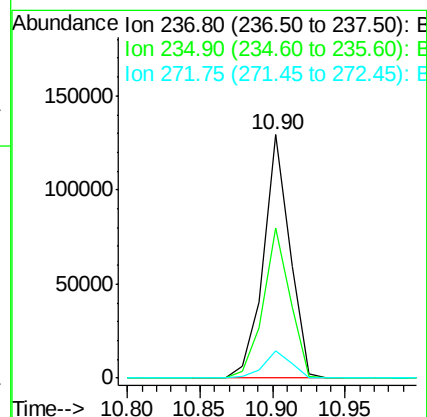
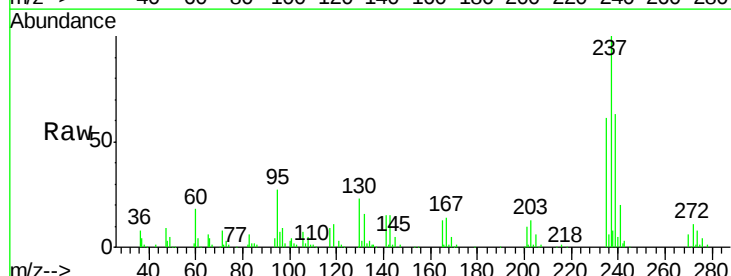
Manual Integrations
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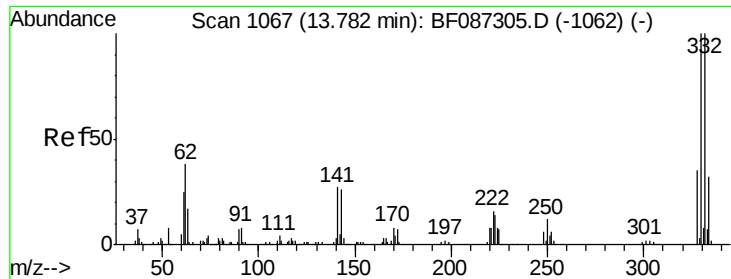
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#40
 Hexachlorocyclopentadiene
 Concen: 58.72 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	163435		
235	61.4	47.2	87.2	
272	11.1	0.0	31.1	





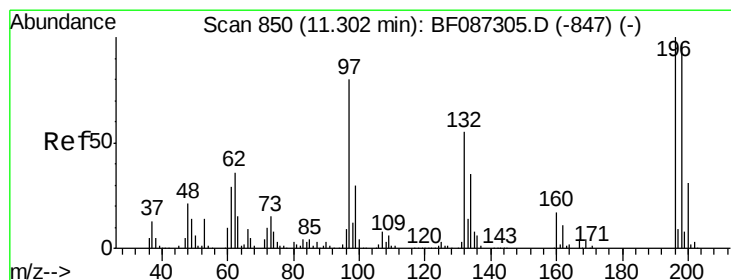
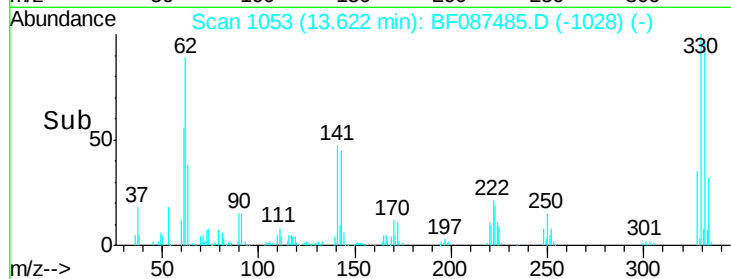
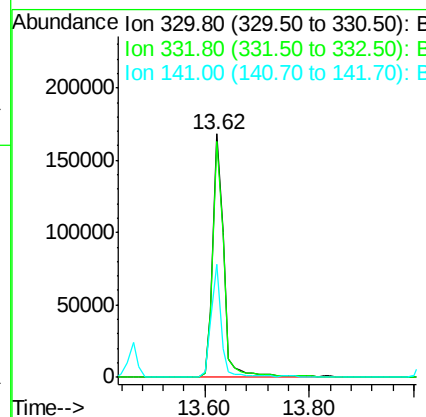
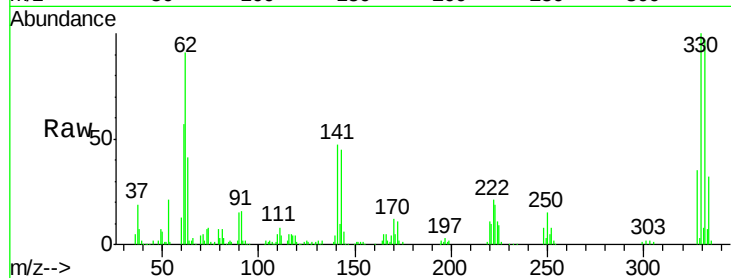
#41
 2,4,6-Tribromophenol
 Concen: 116.31 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	248205		
332	97.9	79.0	118.4	
141	42.8	31.2	46.8	

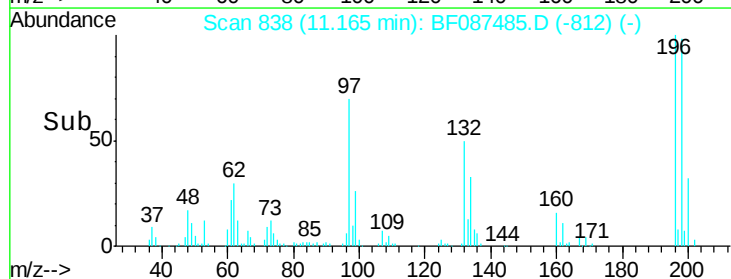
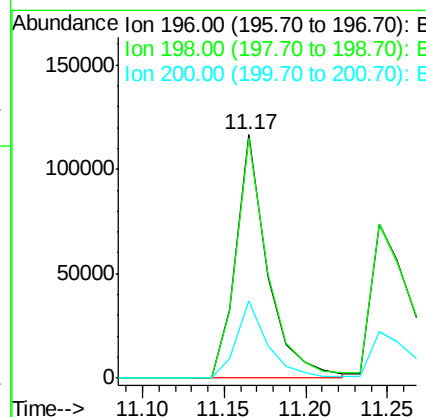
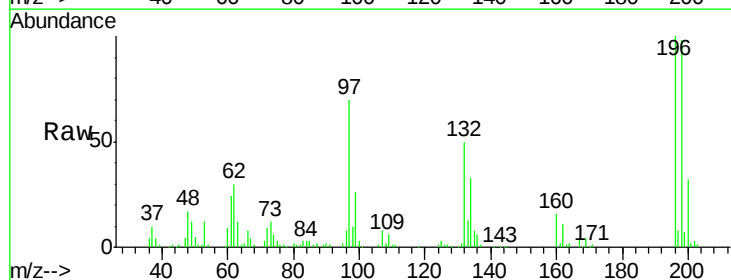
Manual Integrations
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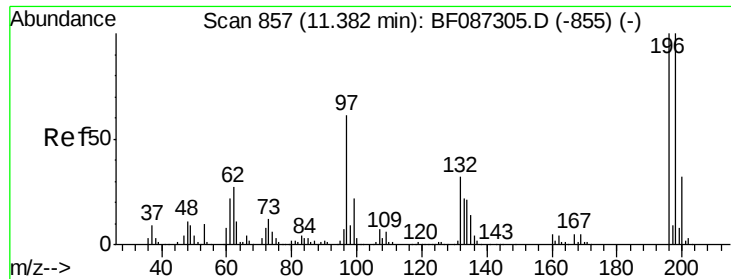
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#42
 2,4,6-Trichlorophenol
 Concen: 38.14 ng
 RT: 11.17 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156487		
198	98.2	74.7	112.1	
200	31.8	23.8	35.6	





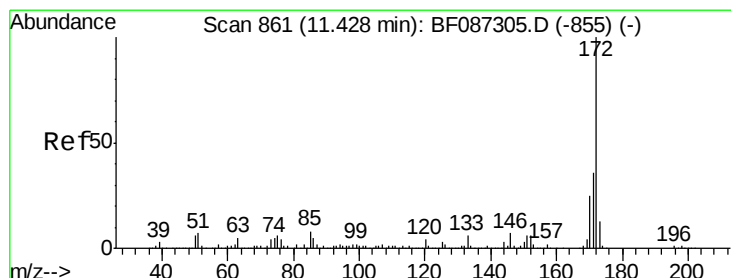
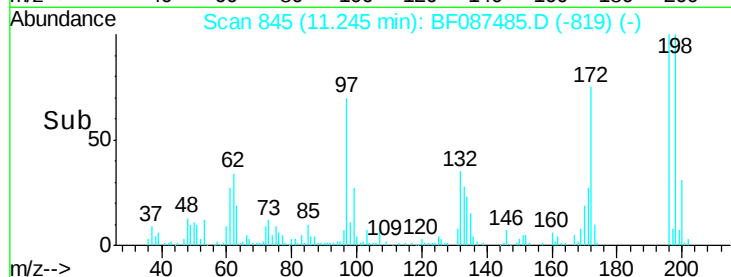
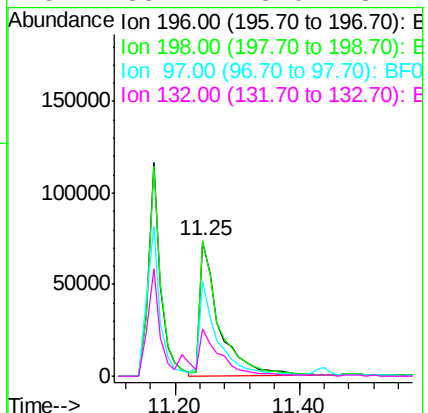
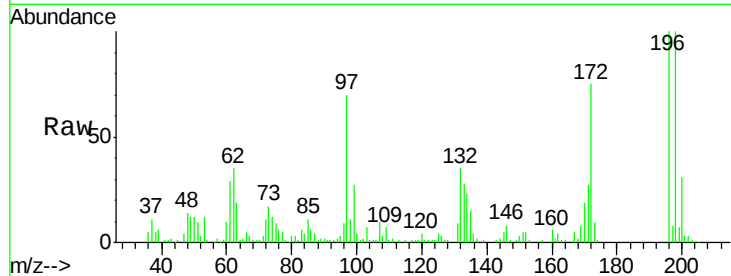
#43
 2,4,5-Trichlorophenol
 Concen: 38.09 ng
 RT: 11.25 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159142		
198	100.1	77.5	116.3	
97	70.4	34.8	52.2	
132	35.2	23.0	34.4	

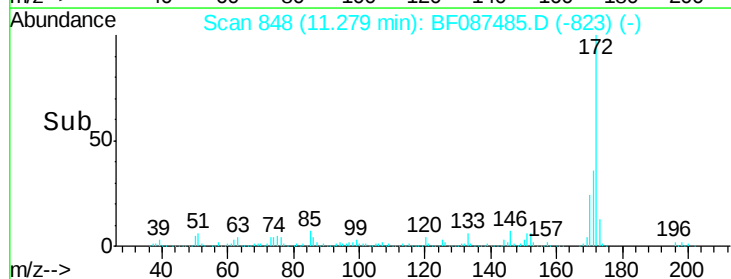
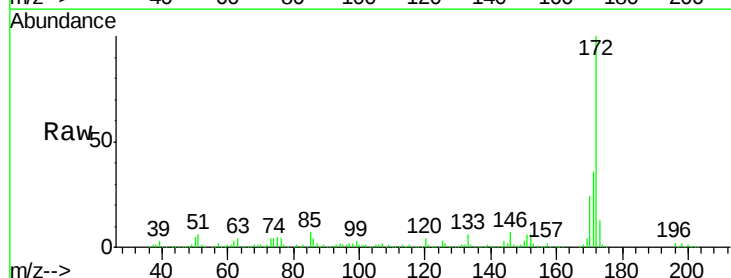
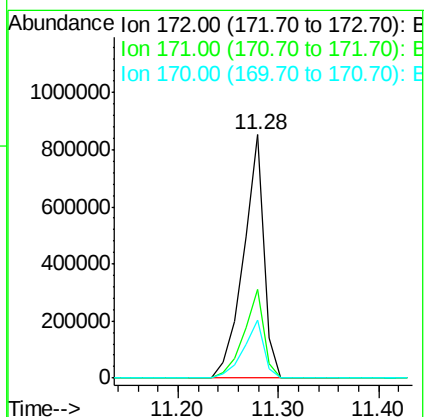
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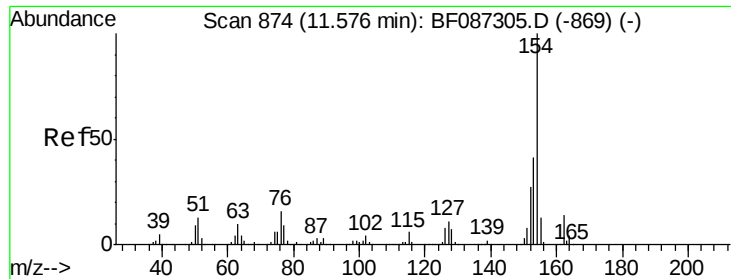
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#44
 2-Fluorobiphenyl
 Concen: 76.19 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1200054		
171	36.2	29.0	43.6	
170	23.8	19.8	29.8	





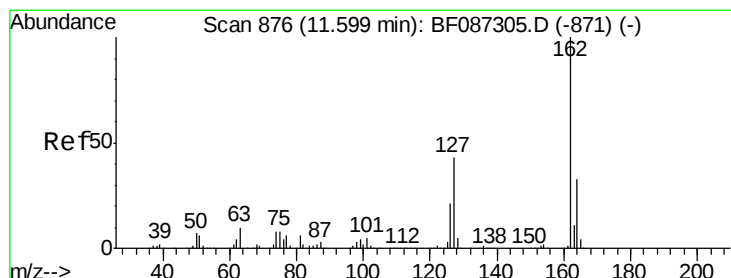
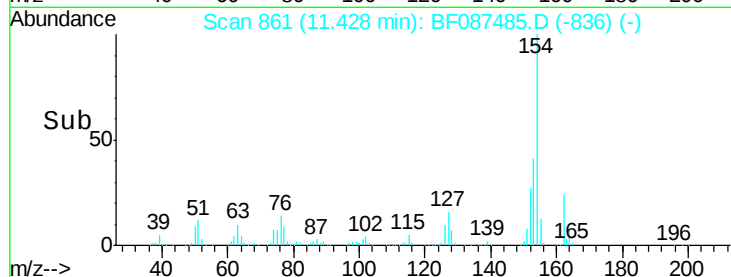
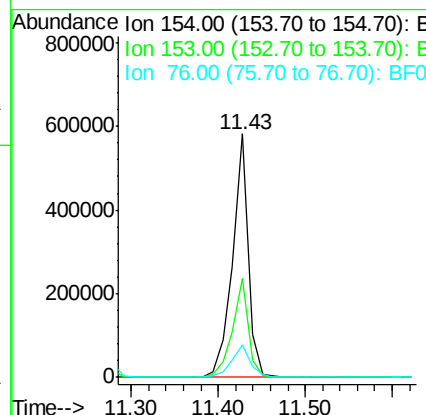
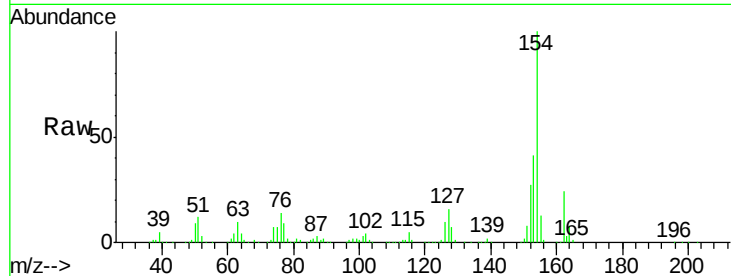
#45
 1,1'-Biphenyl
 Concen: 39.21 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	733096		
153	40.9	20.3	60.3	
76	13.6	0.0	30.2	

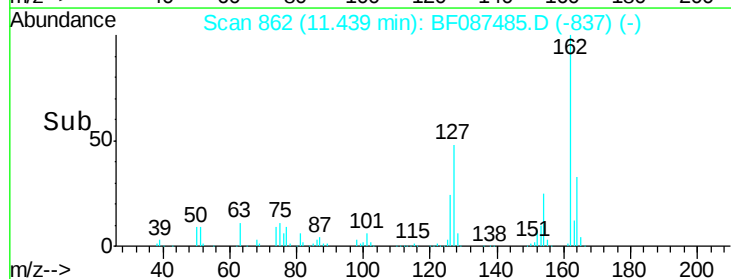
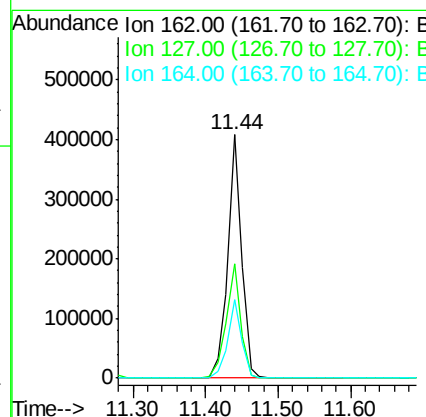
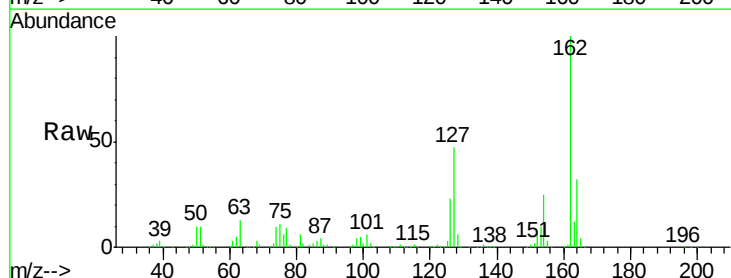
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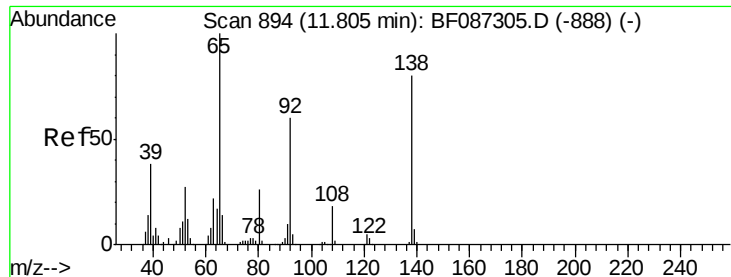
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#46
 2-Chloronaphthalene
 Concen: 37.91 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	542318		
127	47.2	31.8	47.6	
164	32.4	27.0	40.6	





#47

2-Nitroaniline

Concen: 43.49 ng

RT: 11.67 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Instrument :

BNA_F

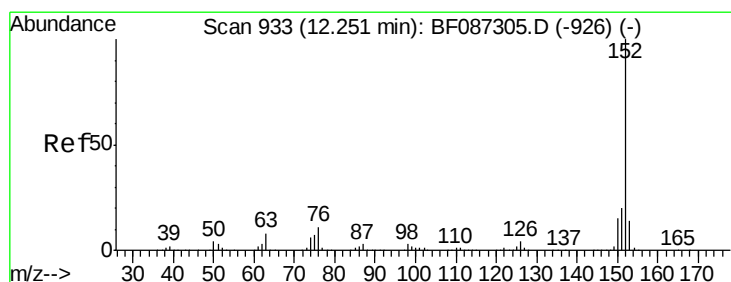
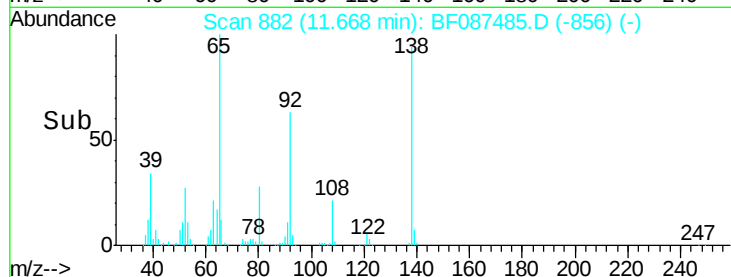
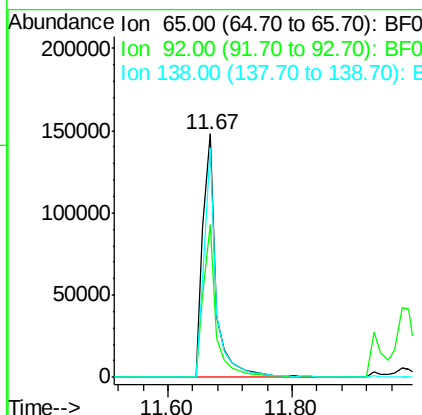
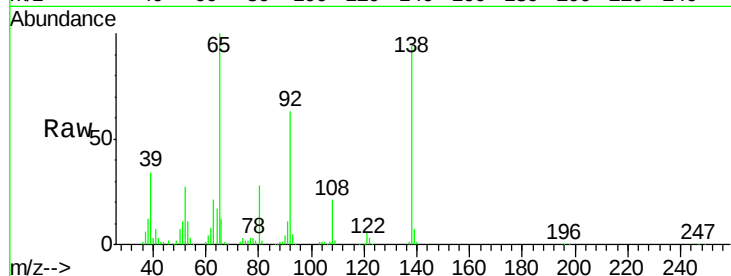
ClientSampleId :

PB90965BS

Tgt Ion:	65	Resp:	224124
Ion Ratio	Lower	Upper	
65	100		
92	62.6	57.4	86.2
138	94.2	90.1	135.1

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#48

Acenaphthylene

Concen: 39.04 ng

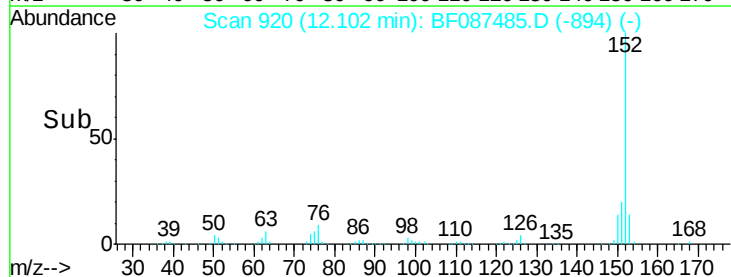
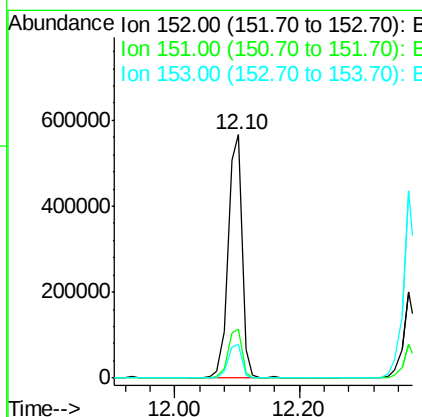
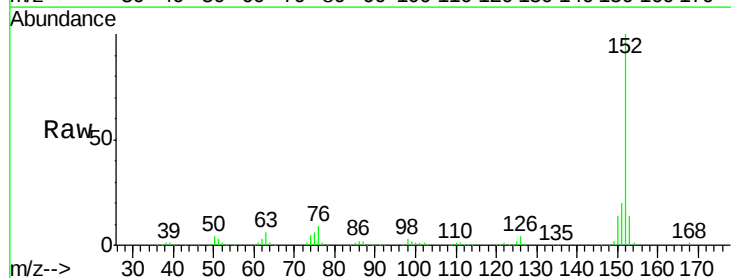
RT: 12.10 min Scan# 920

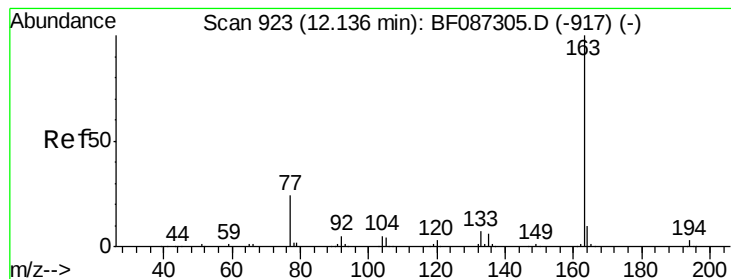
Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt Ion:	152	Resp:	884049
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.8	25.2
153	13.8	10.9	16.3





#49

Dimethylphthalate

Concen: 38.39 ng

RT: 11.99 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Instrument :

BNA_F

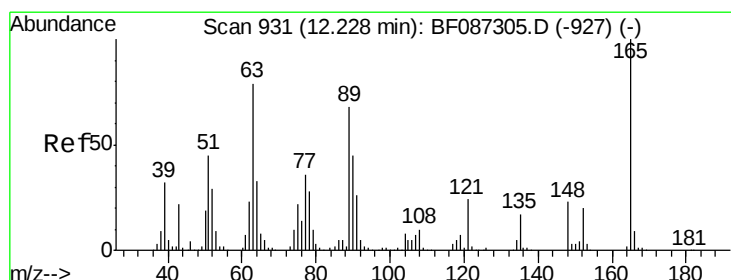
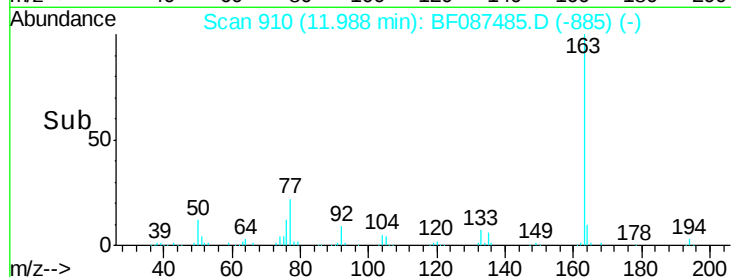
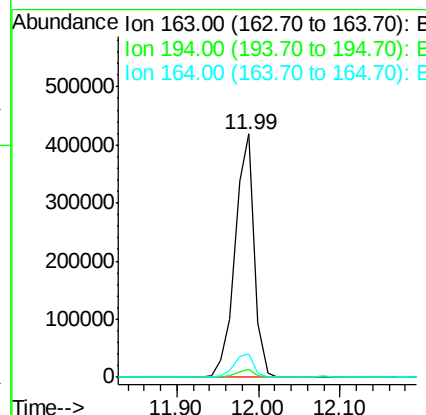
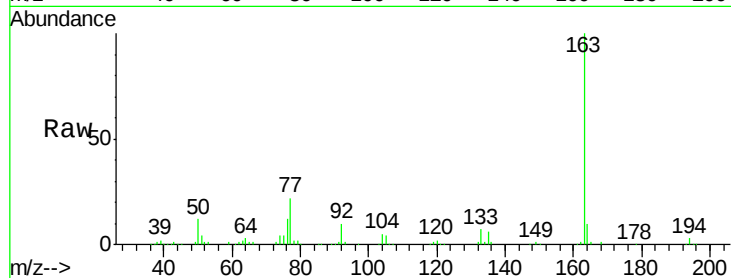
ClientSampleId :

PB90965BS

Tgt Ion:	163	Resp:	682954
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	9.8	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 40.23 ng

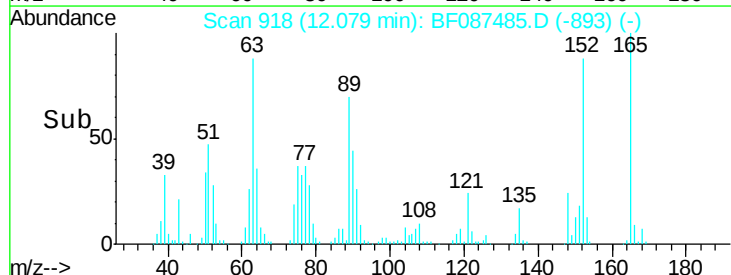
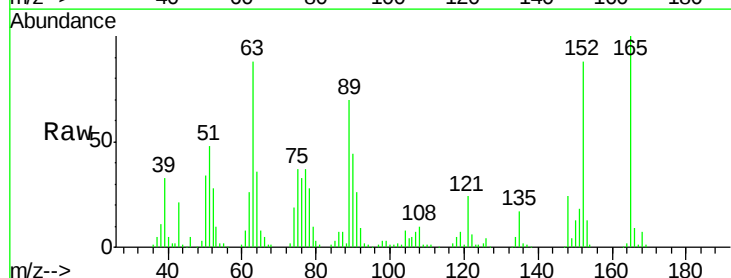
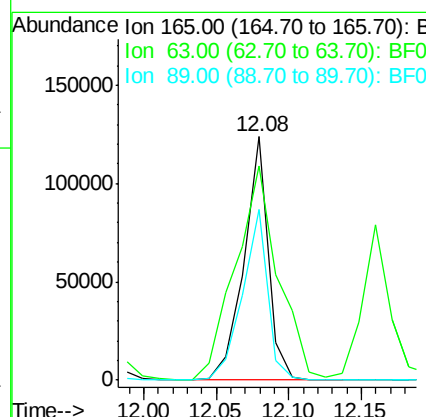
RT: 12.08 min Scan# 918

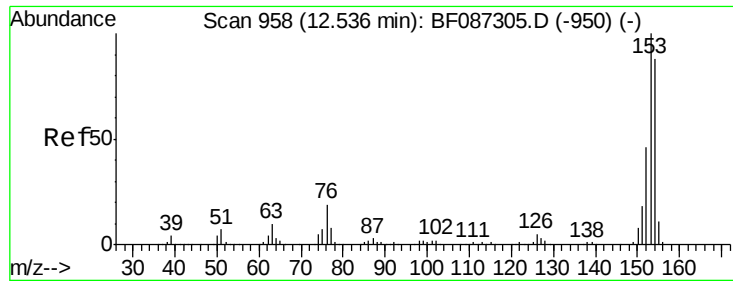
Delta R.T. -0.01 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt Ion:	165	Resp:	144190
Ion Ratio	Lower	Upper	
165	100		
63	87.9	51.8	77.8#
89	70.0	50.7	76.1





#51

Acenaphthene

Concen: 37.74 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087485.D

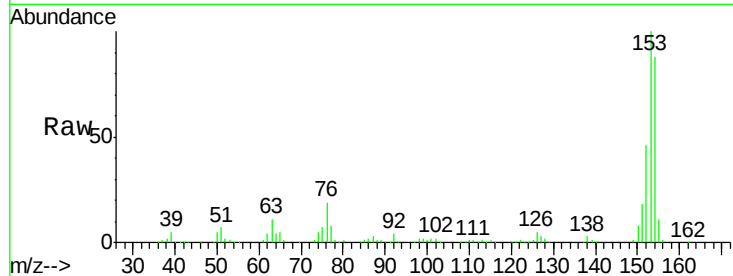
Acq: 28 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

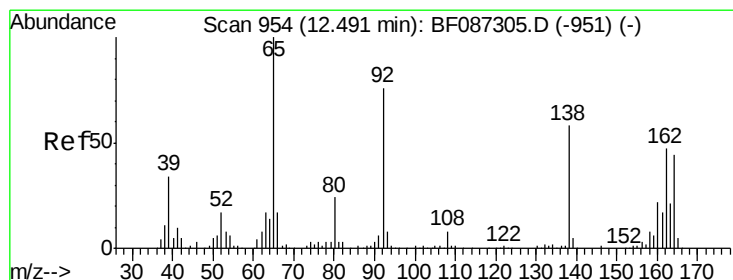
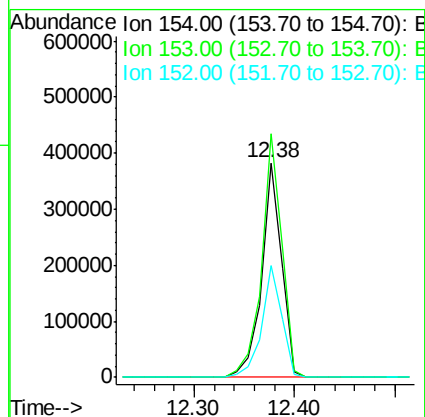
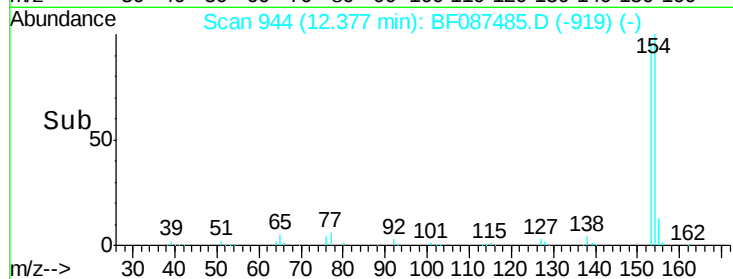
PB90965BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.4	89.8	134.6	
152	52.0	43.4	65.0	

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#52

3-Nitroaniline

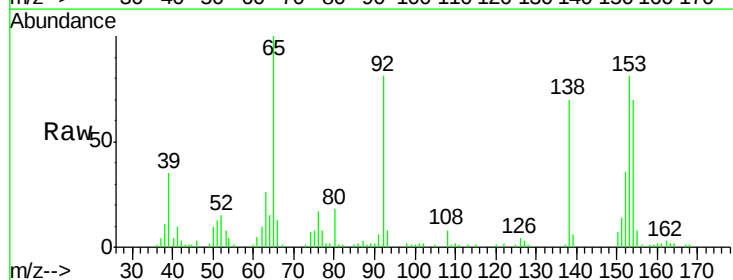
Concen: 20.58 ng

RT: 12.35 min Scan# 942

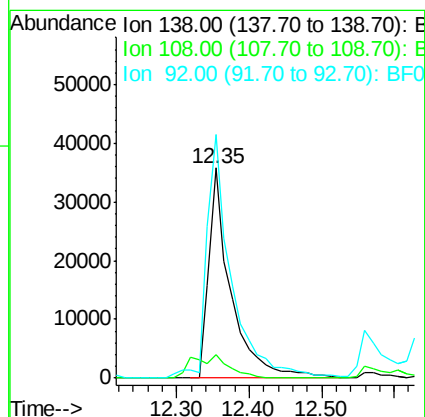
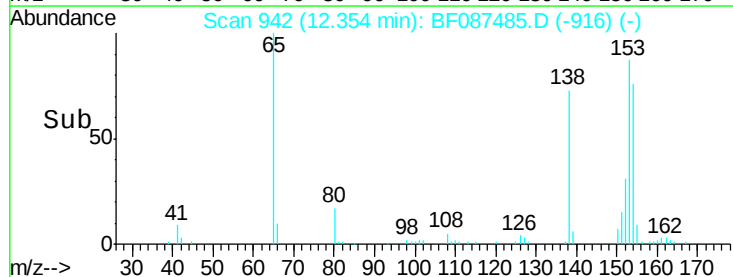
Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.2	7.8	11.6	
92	115.9	87.8	131.8	





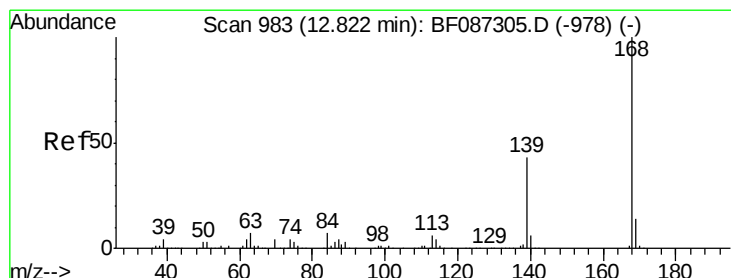
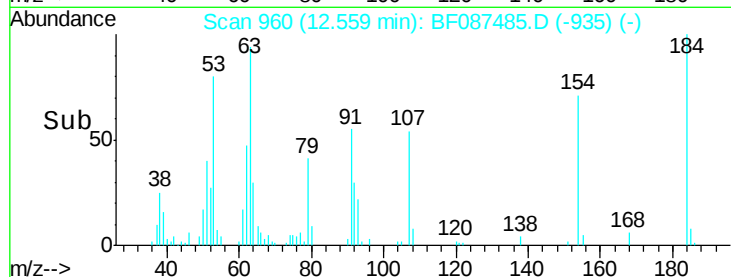
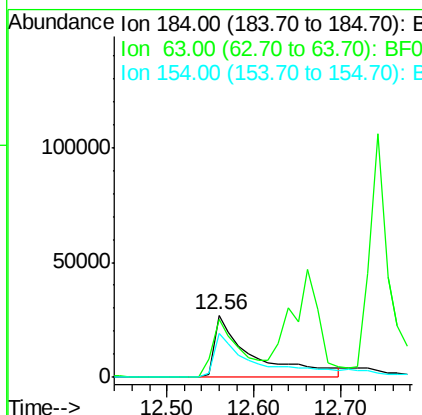
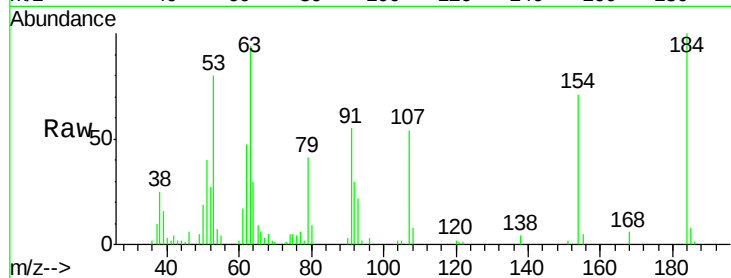
#53
2,4-Dinitrophenol
Concen: 47.95 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	82725		
63	93.8	55.8	83.8#	
154	71.1	62.4	93.6	

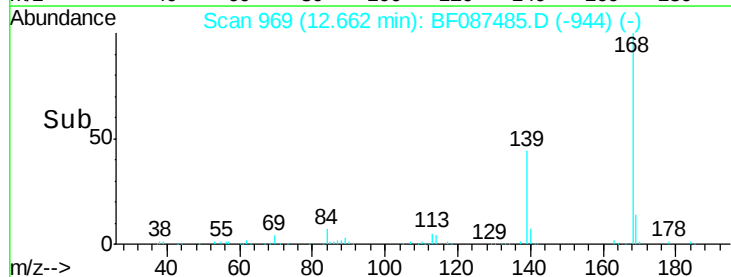
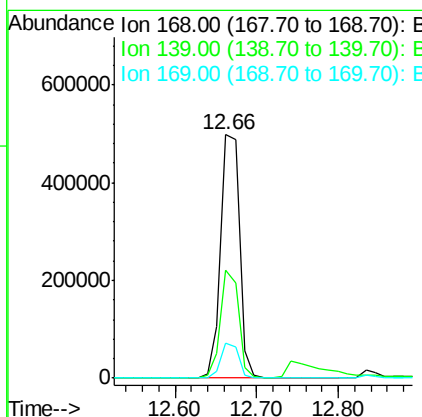
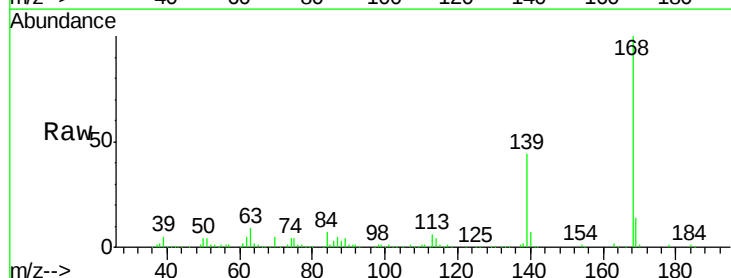
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#54
Dibenzofuran
Concen: 42.42 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	799460		
139	44.4	31.4	47.0	
169	14.3	10.7	16.1	





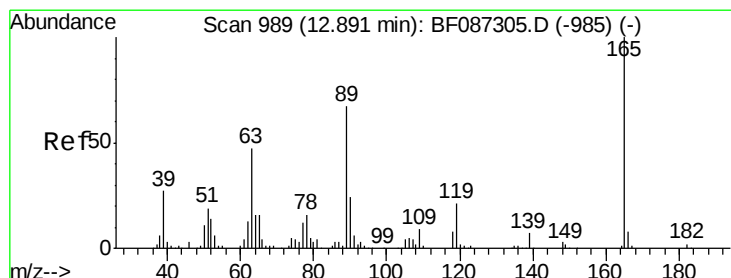
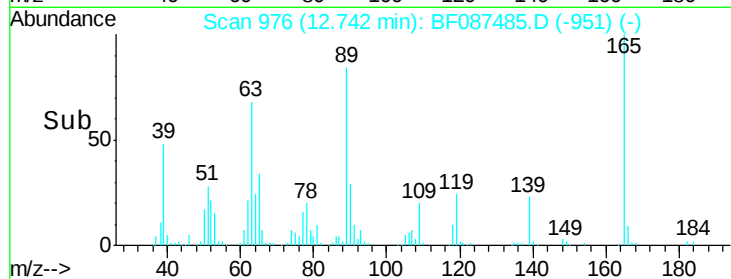
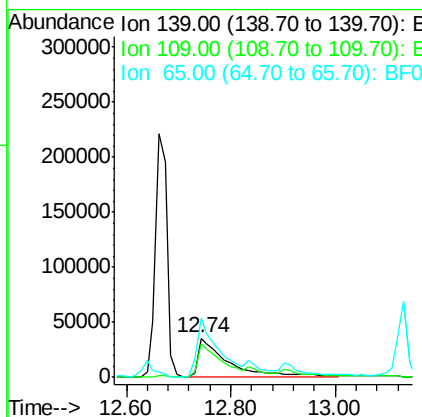
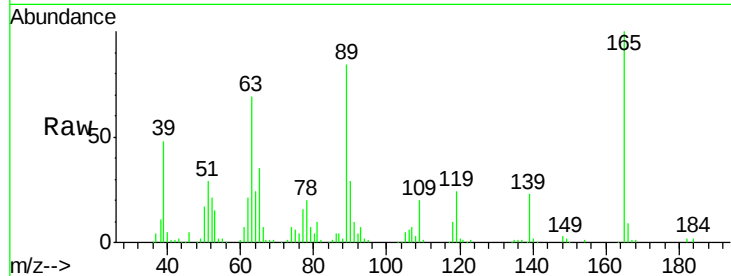
#55
4-Nitrophenol
Concen: 79.22 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	139015		
109	86.2	36.9	76.9#	
65	151.4	64.0	104.0#	

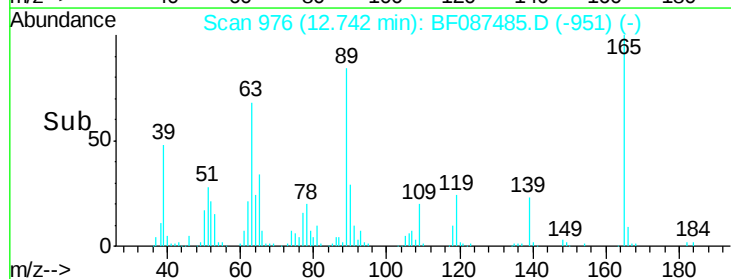
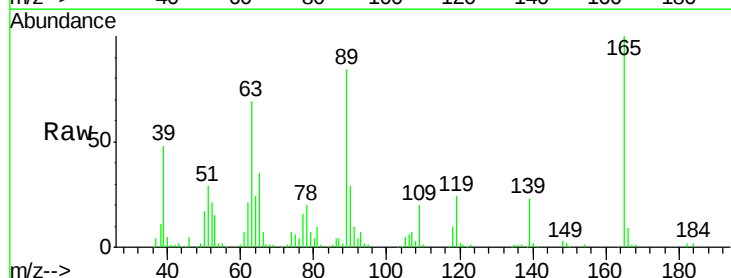
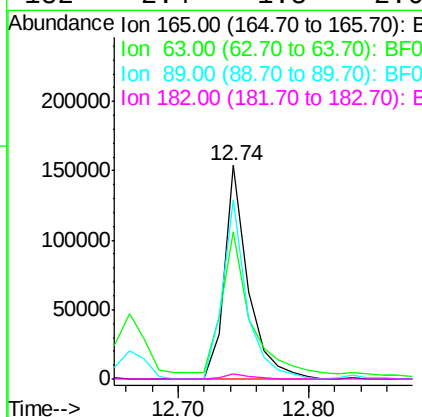
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#56
2,4-Dinitrotoluene
Concen: 40.96 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	196211		
63	68.8	44.3	66.5#	
89	83.9	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 39.94 ng

RT: 13.22 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Instrument :

BNA_F

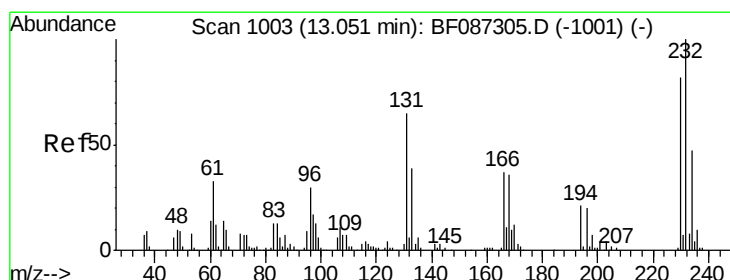
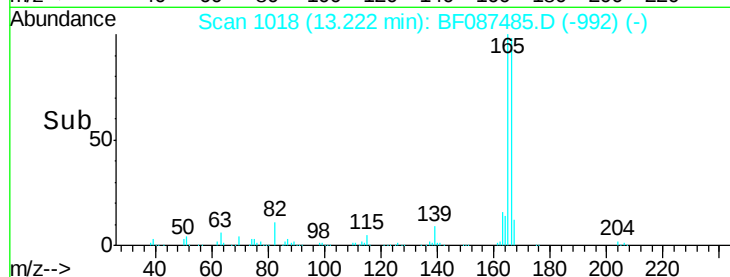
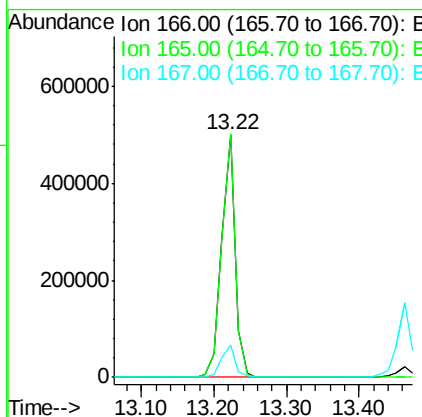
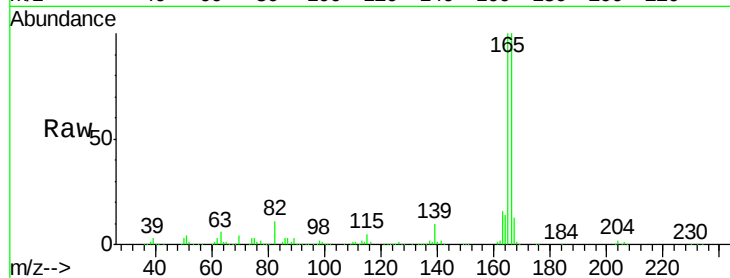
ClientSampleId :

PB90965BS

Tgt Ion:	166	Resp:	652615
Ion Ratio	Lower	Upper	
166	100		
165	100.3	79.0	118.6
167	13.1	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.20 ng

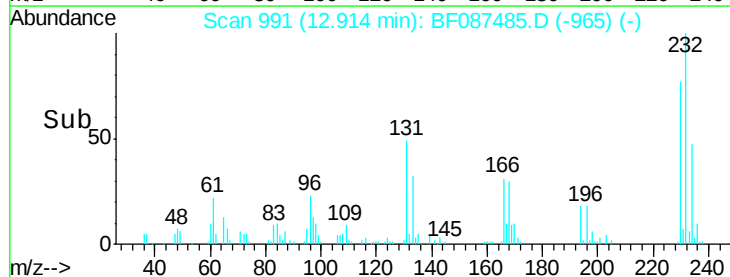
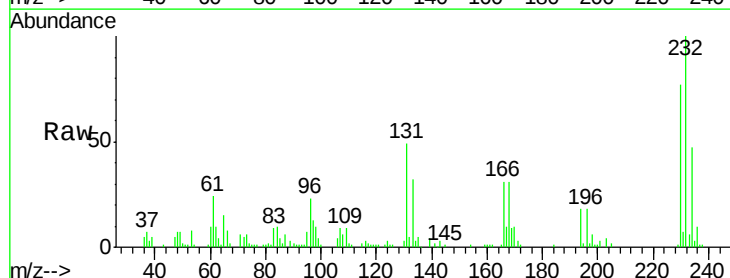
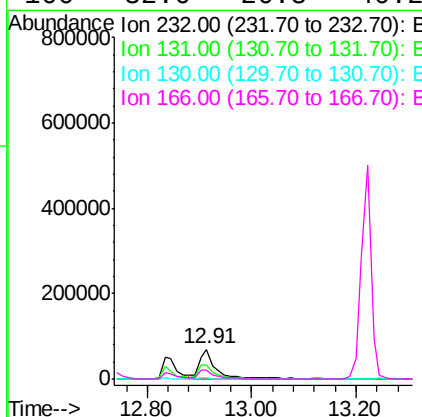
RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt Ion:	232	Resp:	145287
Ion Ratio	Lower	Upper	
232	100		
131	53.8	41.9	62.9
130	2.6	2.2	3.4
166	32.6	26.8	40.2





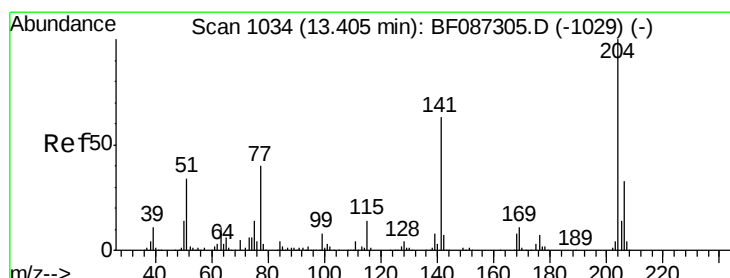
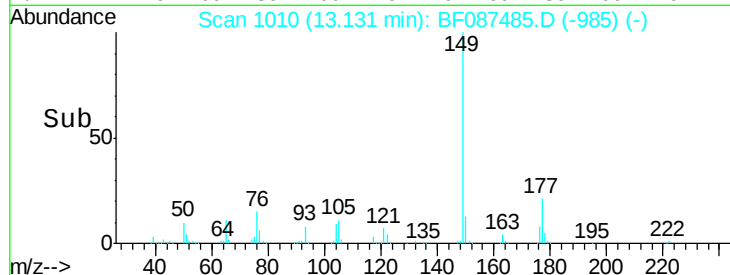
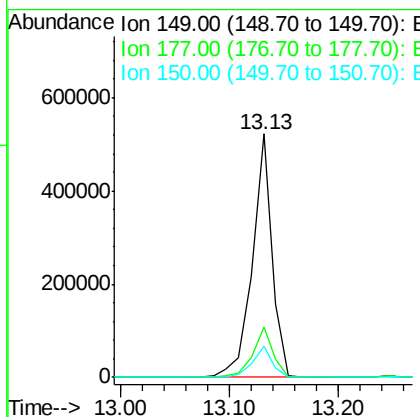
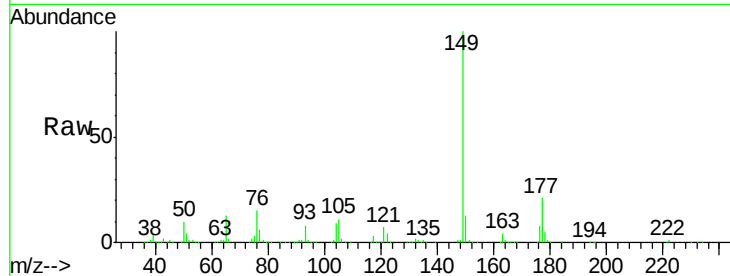
#59
Diethylphthalate
Concen: 38.30 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	662342		
177	20.8	16.6	24.8	
150	12.7	10.0	15.0	

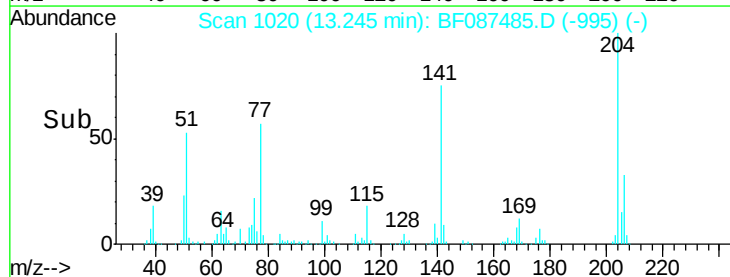
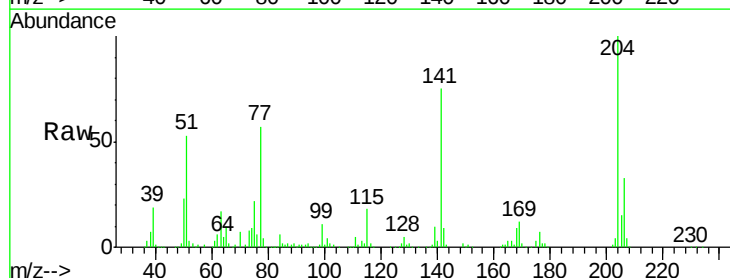
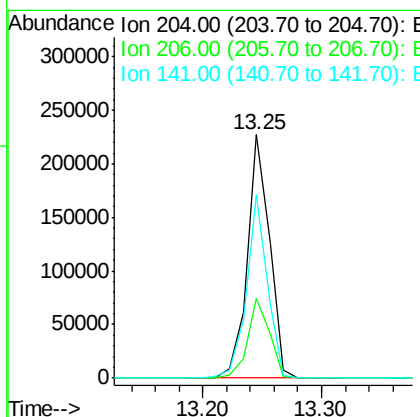
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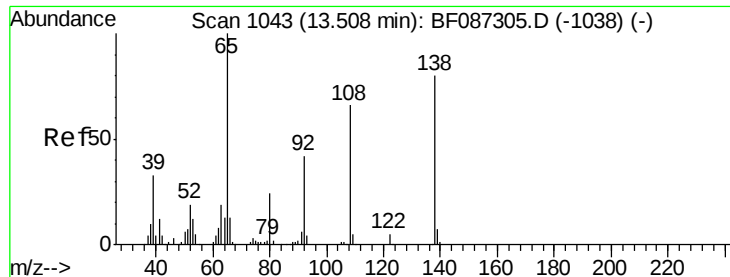
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#60
4-Chlorophenyl-phenylether
Concen: 37.09 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	295587		
206	32.8	25.4	38.0	
141	75.2	61.6	92.4	





#61

4-Nitroaniline

Concen: 37.82 ng

RT: 13.35 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF087485.D

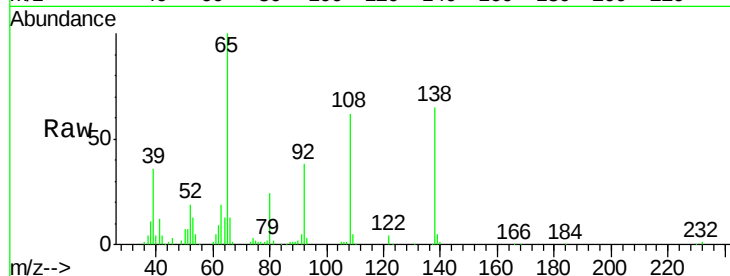
Acq: 28 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90965BS



Tgt Ion: 138 Resp: 129845

Ion Ratio Lower Upper

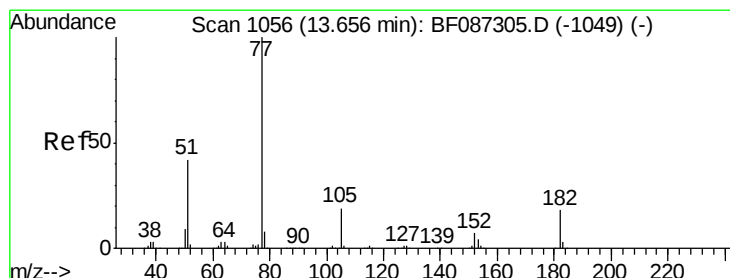
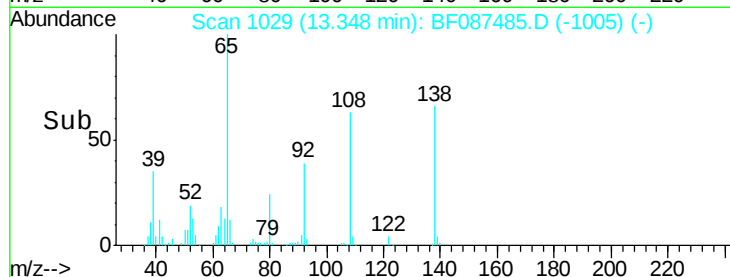
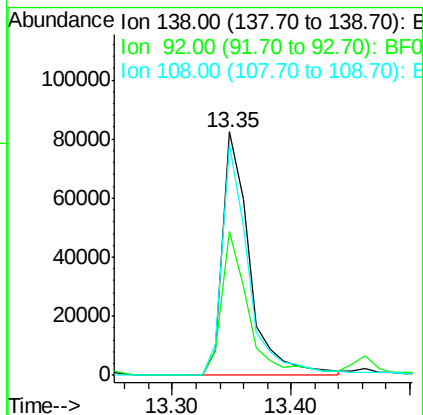
138 100

92 59.0 24.7 64.7

108 95.0 37.4 77.4#

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#62

Azobenzene

Concen: 44.39 ng

RT: 13.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt Ion: 77 Resp: 796375

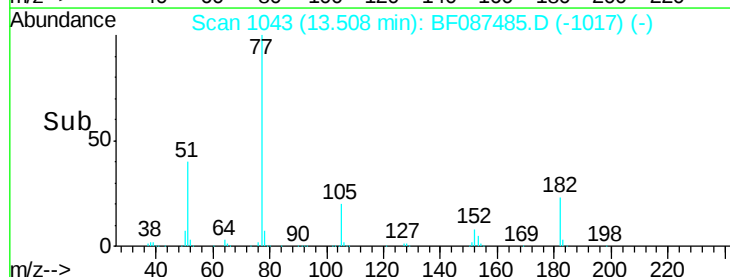
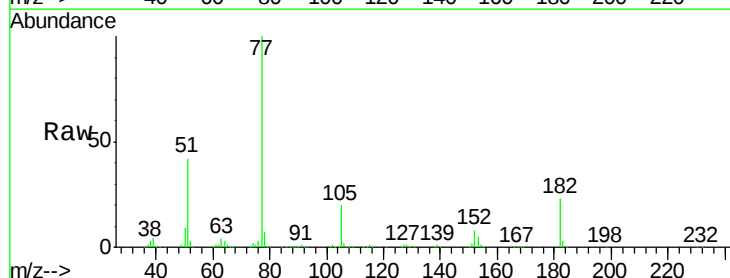
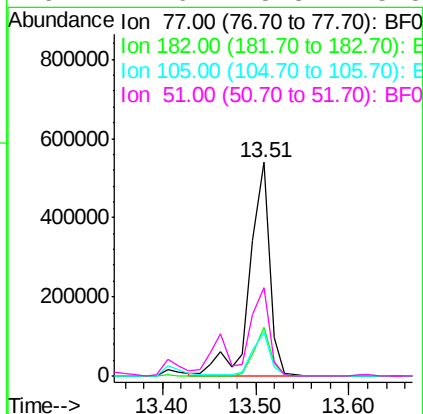
Ion Ratio Lower Upper

77 100

182 23.1 0.0 38.8

105 20.3 3.2 43.2

51 41.6 8.8 48.8





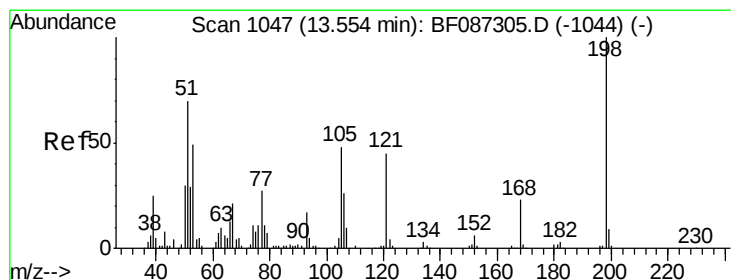
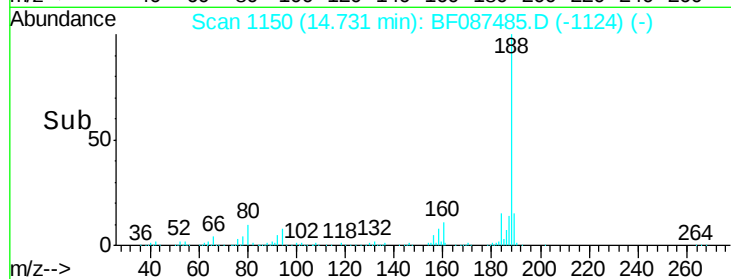
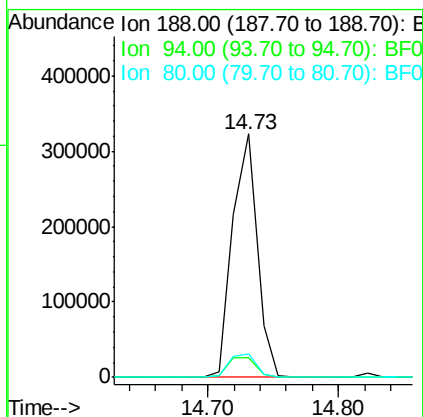
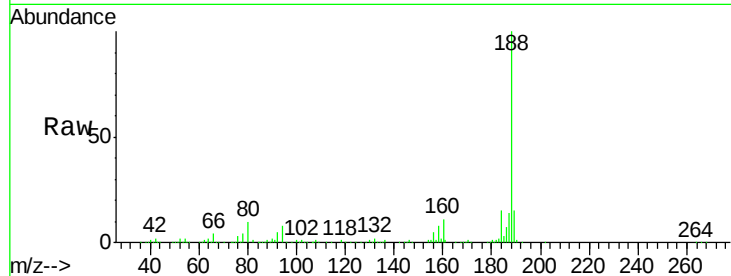
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	426707		
94	8.2	6.8	10.2	
80	9.9	7.1	10.7	

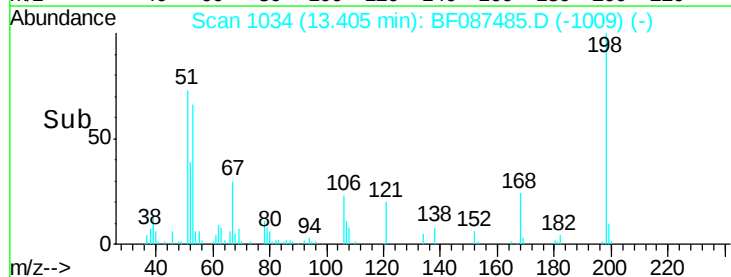
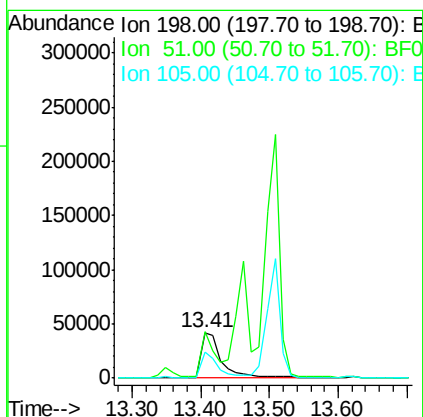
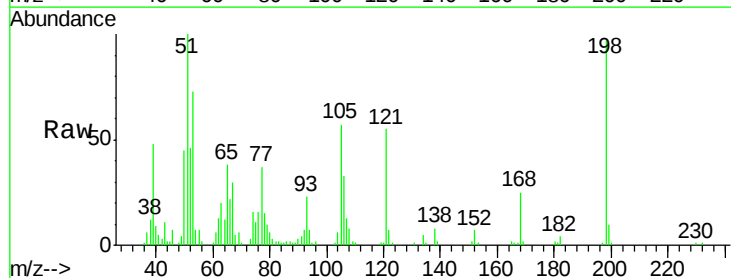
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.68 ng
RT: 13.41 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	88655		
51	102.7	20.5	60.5#	
105	58.4	24.5	64.5	





#65

n-Nitrosodiphenylamine

Concen: 39.06 ng

RT: 13.46 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Instrument :

BNA_F

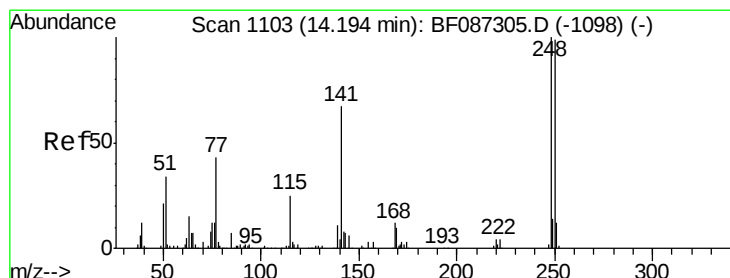
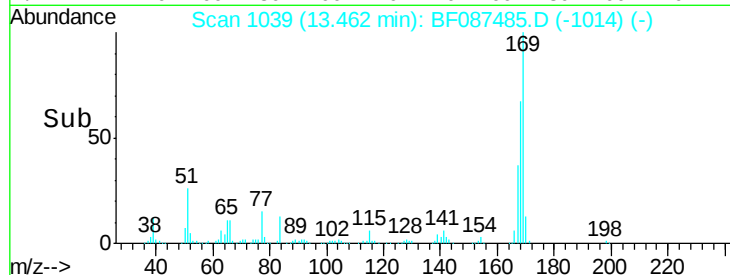
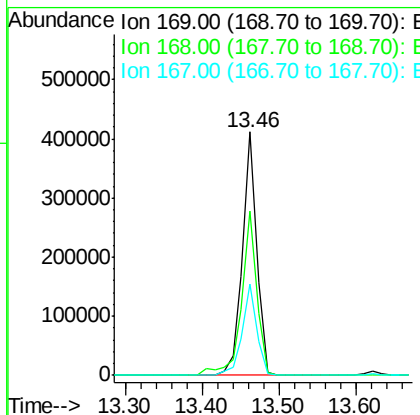
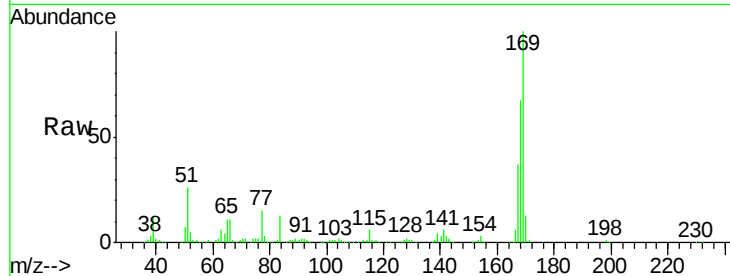
ClientSampled :

PB90965BS

Tgt	Ion:169	Resp:	539021
Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.8	80.6
167	37.2	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 37.85 ng

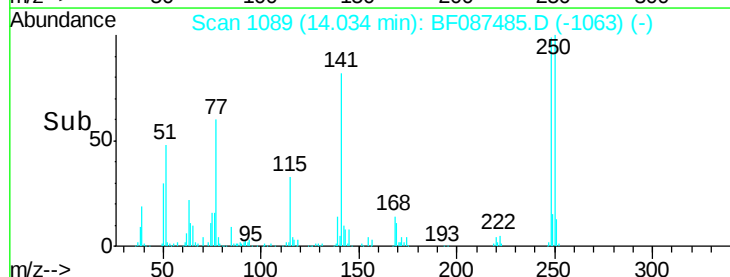
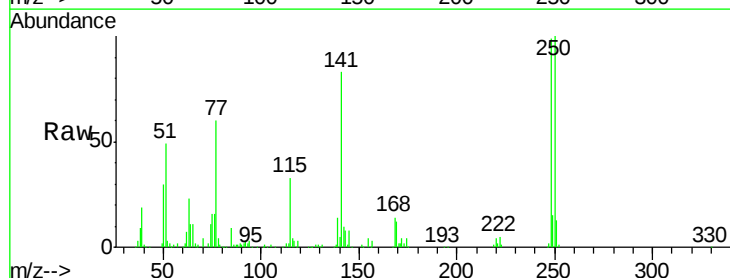
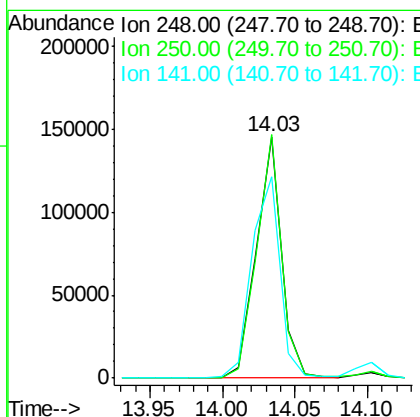
RT: 14.03 min Scan# 1089

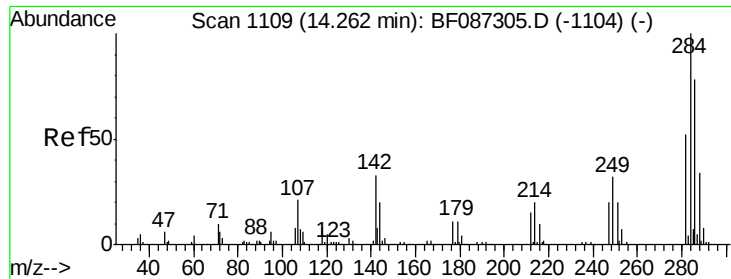
Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt	Ion:248	Resp:	176706
Ion	Ratio	Lower	Upper
248	100		
250	100.9	78.6	117.8
141	83.5	76.0	114.0





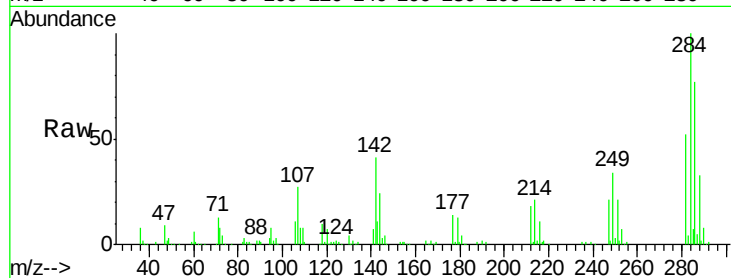
#67
Hexachlorobenzene
Concen: 37.45 ng
RT: 14.10 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

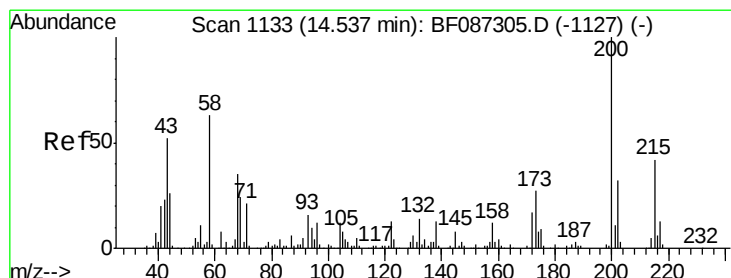
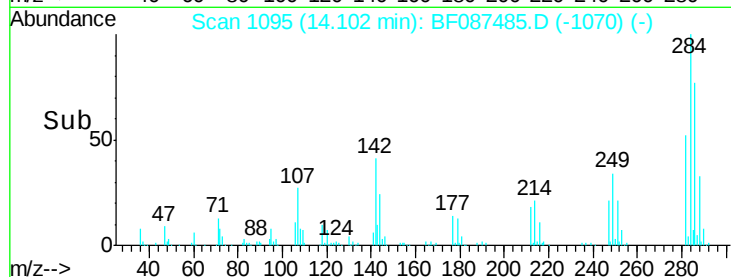
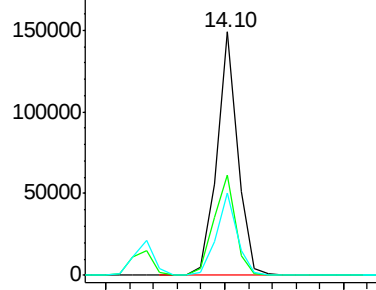
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	41.2	16.7	25.1#
249	33.8	21.3	31.9#

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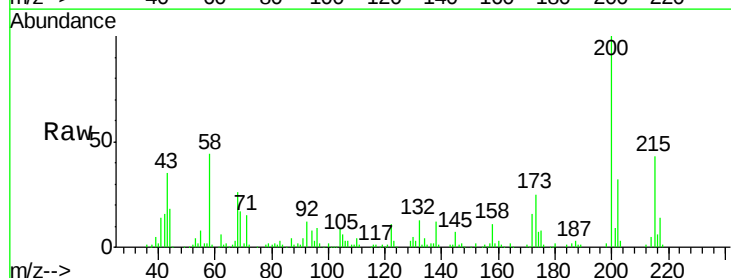


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

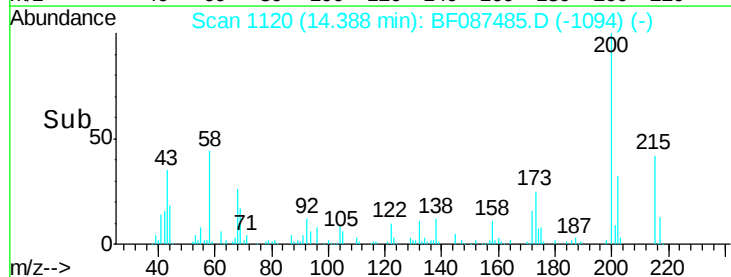
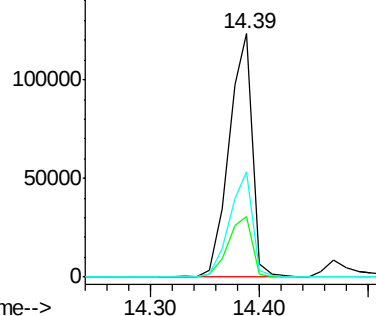


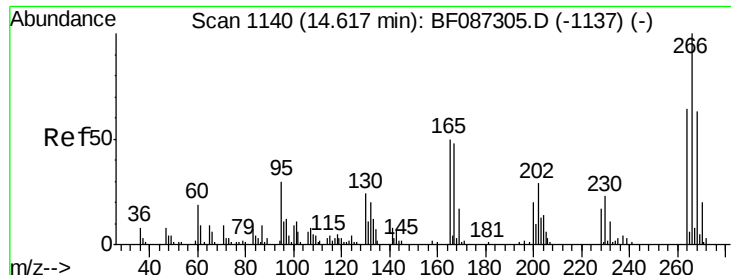
#68
Atrazine
Concen: 41.97 ng
RT: 14.39 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.7	8.5	48.5
215	43.1	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





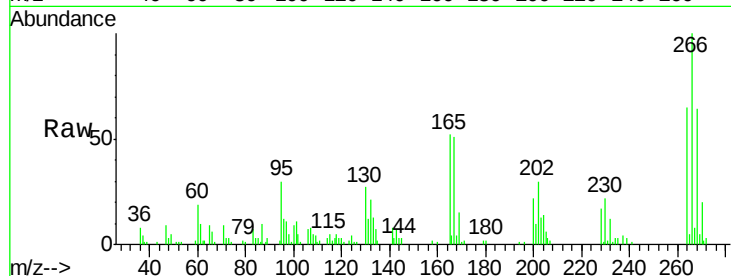
#69
 Pentachlorophenol
 Concen: 63.61 ng
 RT: 14.47 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampled :
 PB90965BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.5	77.3
264	64.7	52.9	79.3

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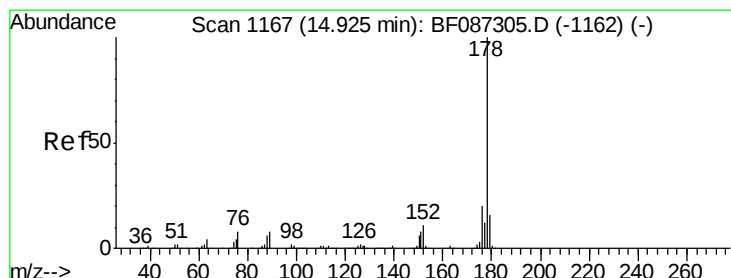
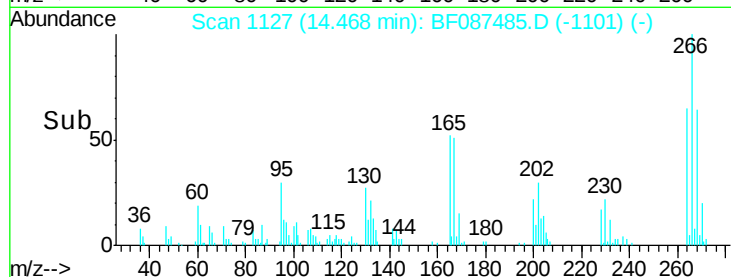
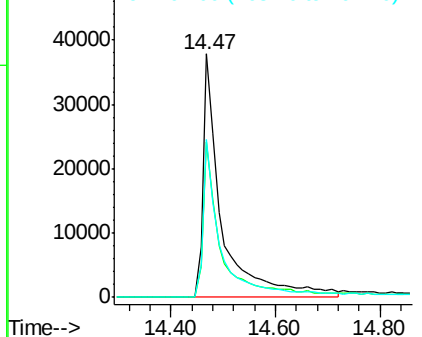


Abundance

Ion 265.70 (265.40 to 266.40): E

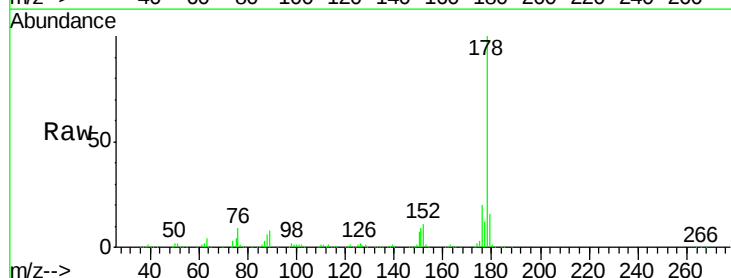
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.09 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	15.9	12.6	18.8

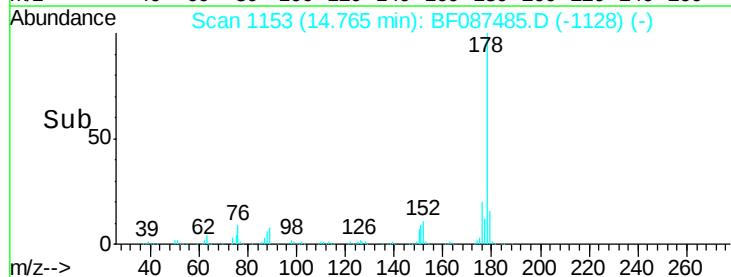
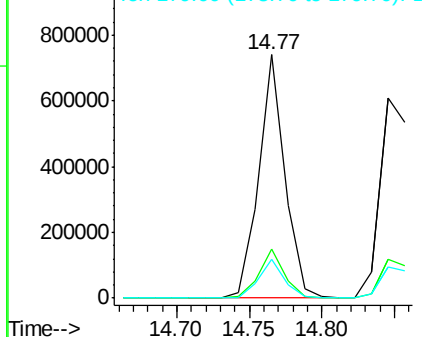


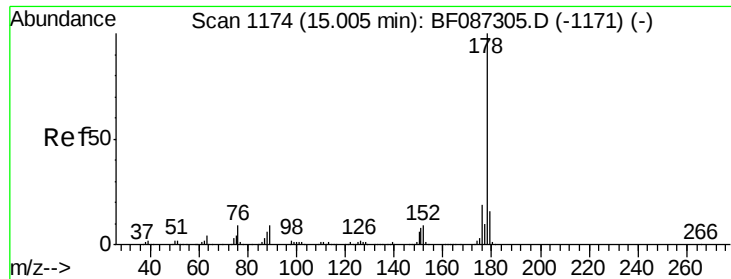
Abundance

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





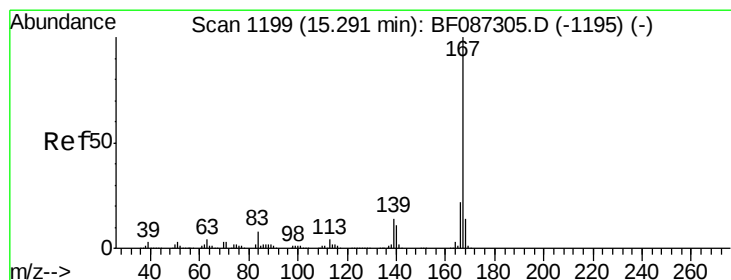
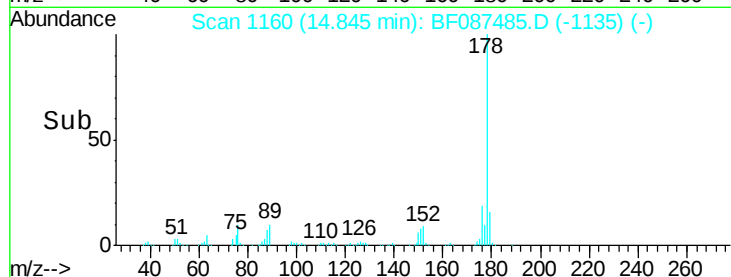
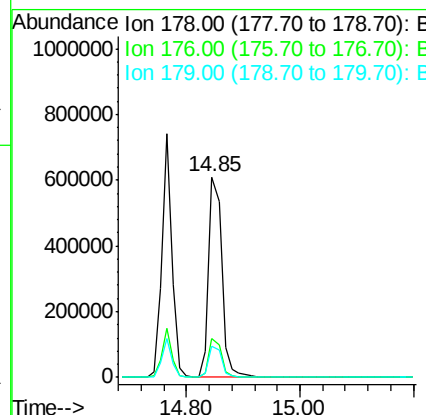
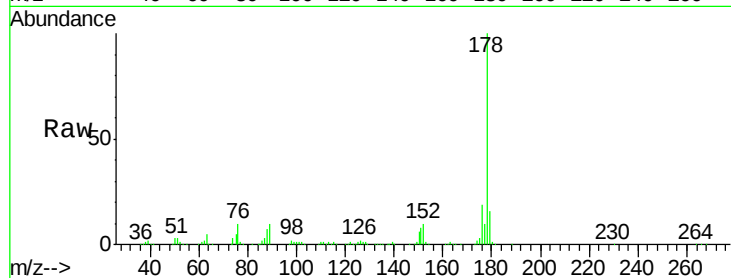
#71
 Anthracene
 Concen: 39.62 ng
 RT: 14.85 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	946126		
176	19.2	15.6	23.4	
179	15.9	12.7	19.1	

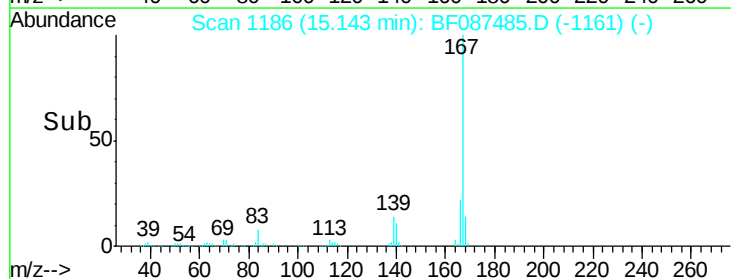
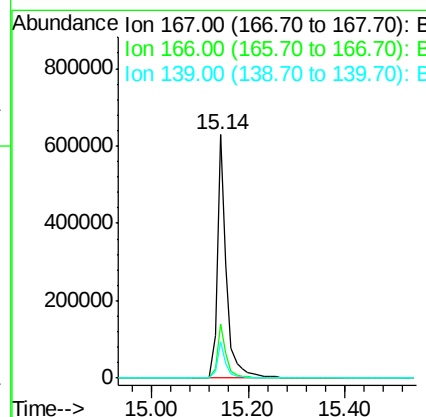
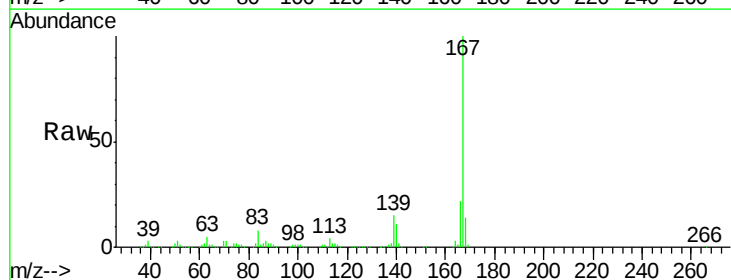
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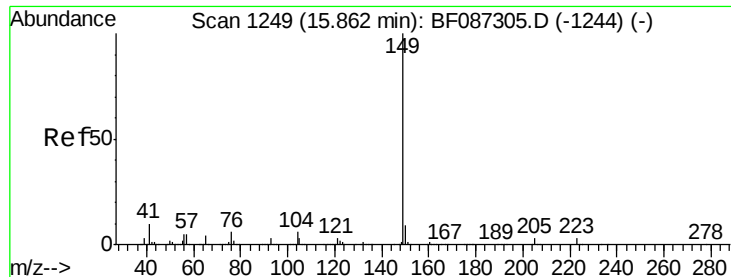
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#72
 Carbazole
 Concen: 41.29 ng
 RT: 15.14 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	840781		
166	22.1	17.7	26.5	
139	14.7	10.8	16.2	





#73

Di-n-butylphthalate

Concen: 39.55 ng

RT: 15.73 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90965BS

Tgt Ion:149 Resp: 1041608

Ion Ratio Lower Upper

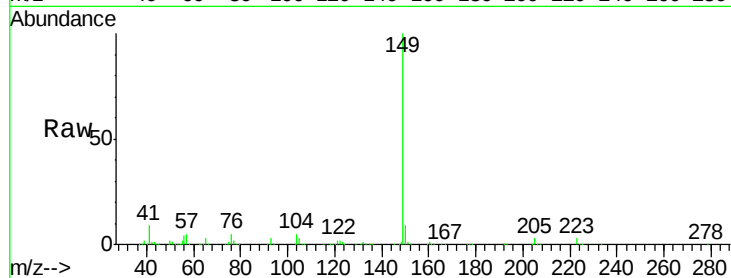
149 100

150 9.0 7.6 11.4

104 5.4 3.8 5.6

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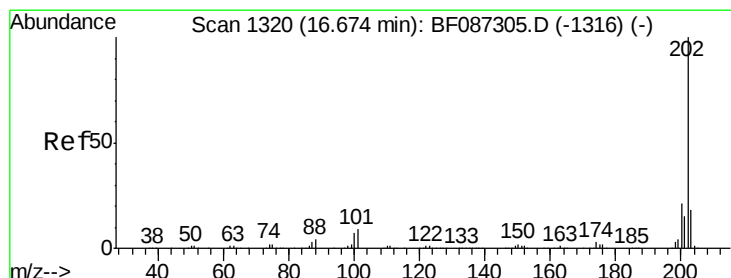
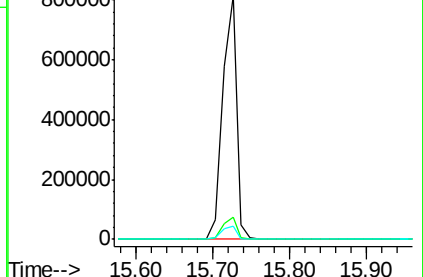
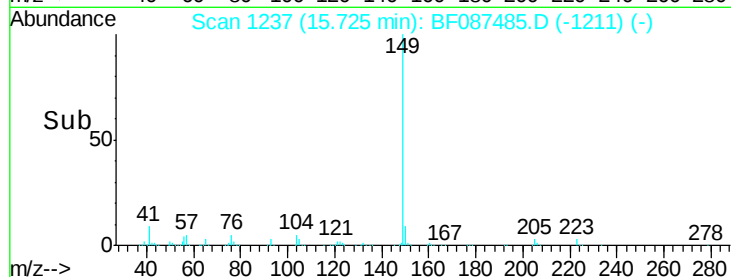
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.23 ng

RT: 16.54 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

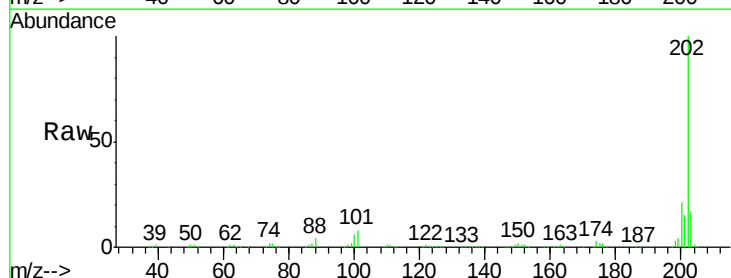
Tgt Ion:202 Resp: 953621

Ion Ratio Lower Upper

202 100

101 8.1 0.0 35.4

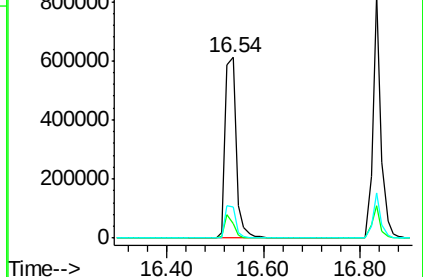
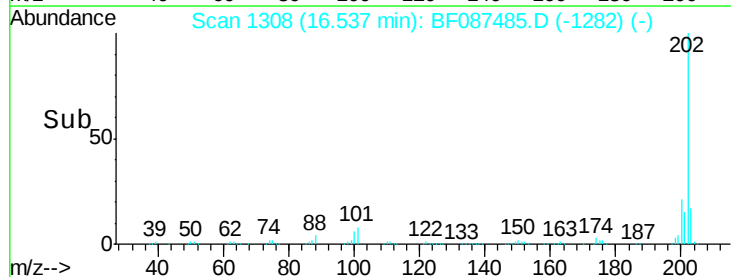
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





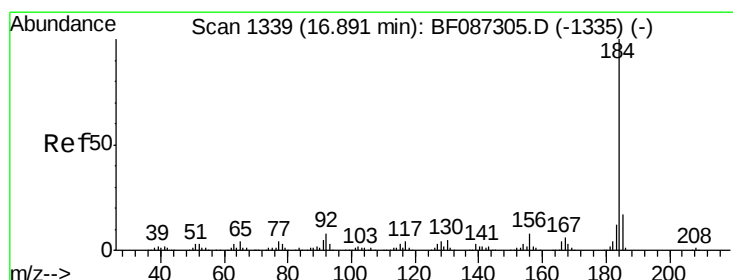
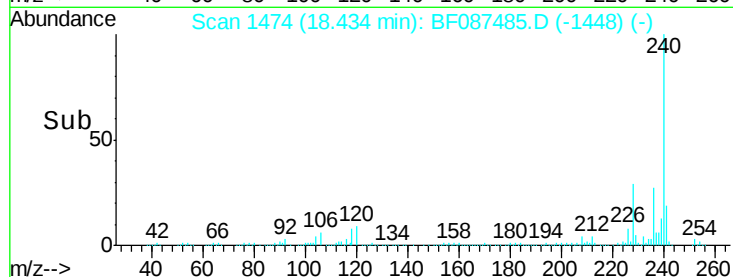
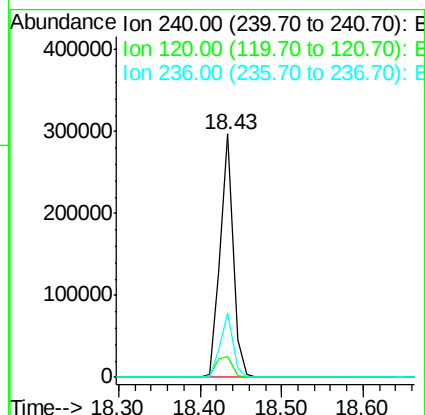
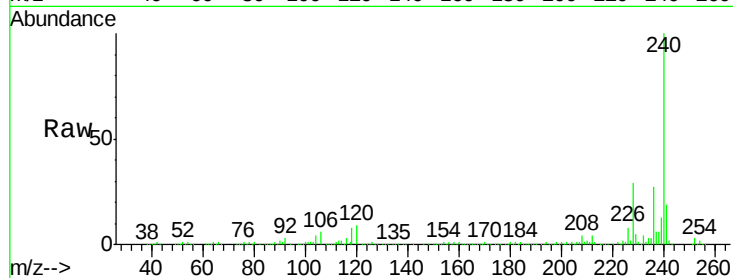
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	330992		
120	8.8	11.2	16.8#	
236	26.6	21.2	31.8	

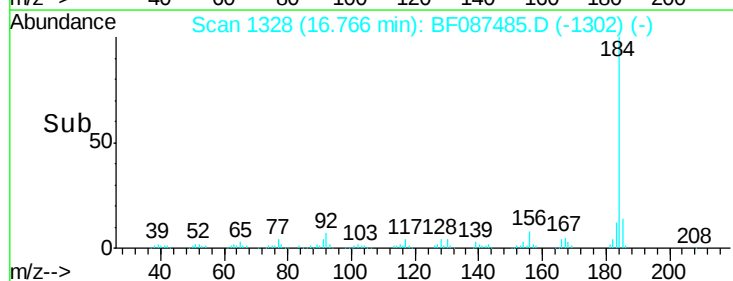
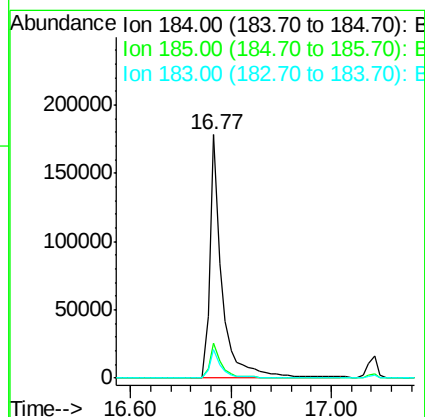
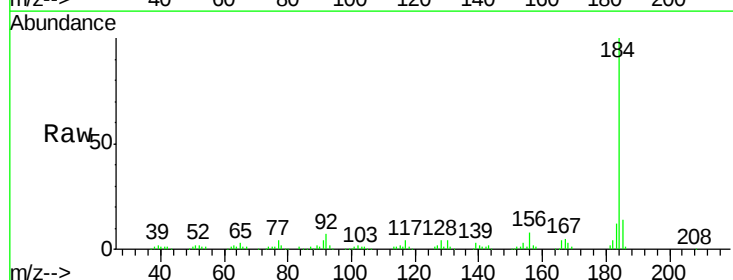
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#76
Benzidine
Concen: 34.97 ng
RT: 16.77 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	297857		
185	14.1	13.6	20.4	
183	11.9	9.8	14.6	





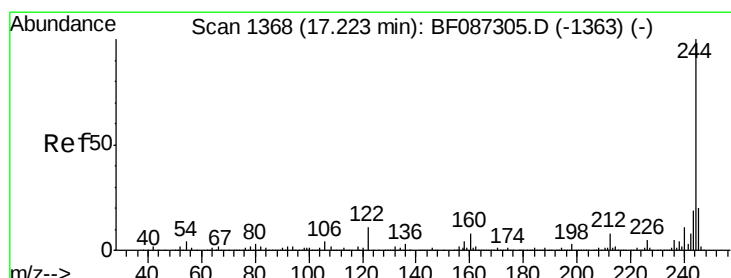
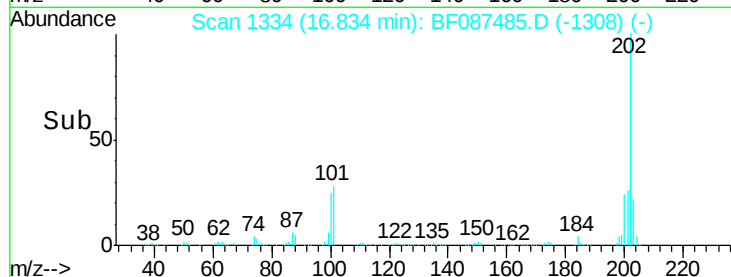
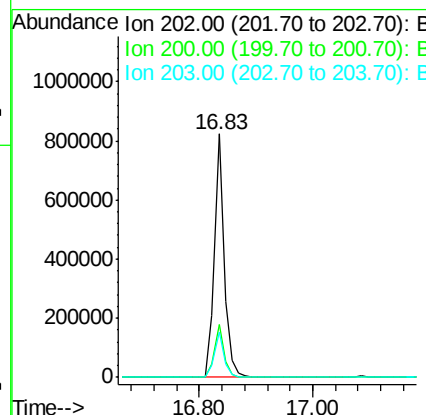
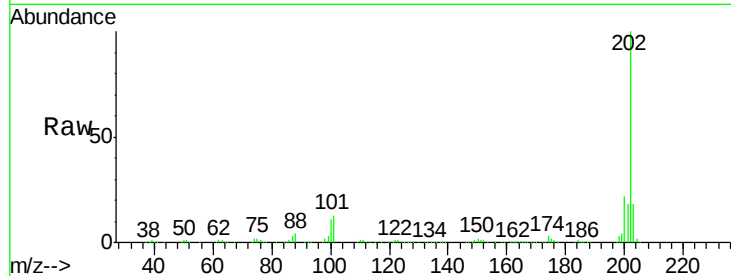
#77
Pyrene
Concen: 39.70 ng
RT: 16.83 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PB90965BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.0	17.7	26.5
203	18.4	14.2	21.4

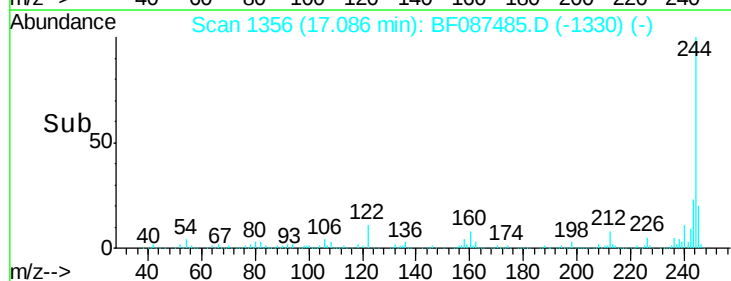
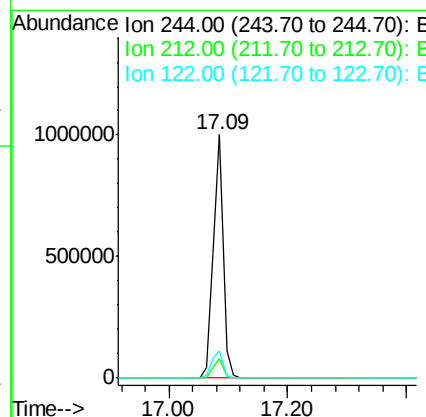
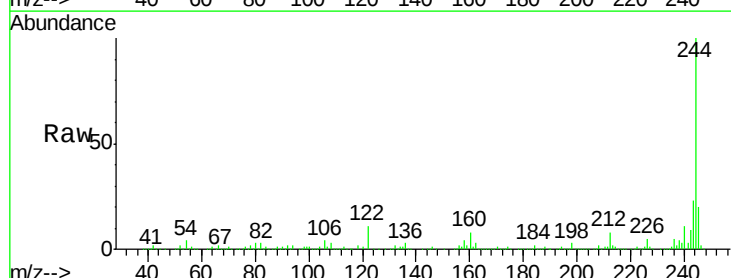
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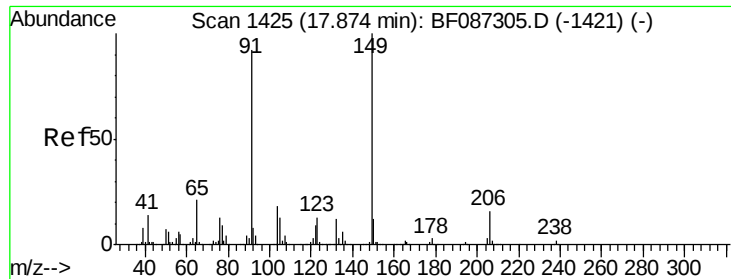
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#78
Terphenyl-d14
Concen: 74.71 ng
RT: 17.09 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF087485.D
Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.9	6.2	9.2
122	11.3	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 39.84 ng

RT: 17.75 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF087485.D

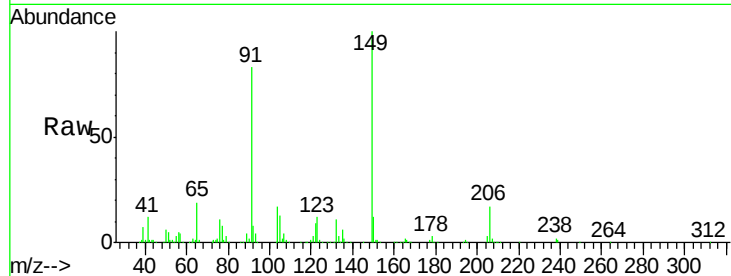
Acq: 28 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90965BS



Tgt Ion:149 Resp: 420932

Ion Ratio Lower Upper

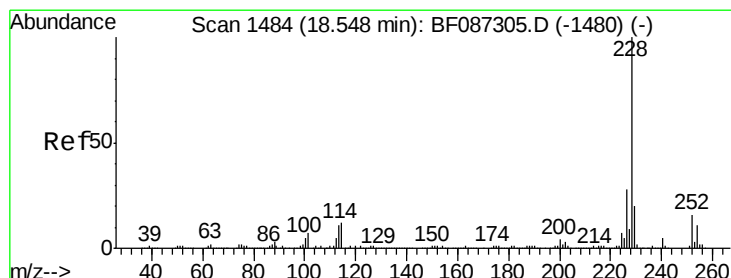
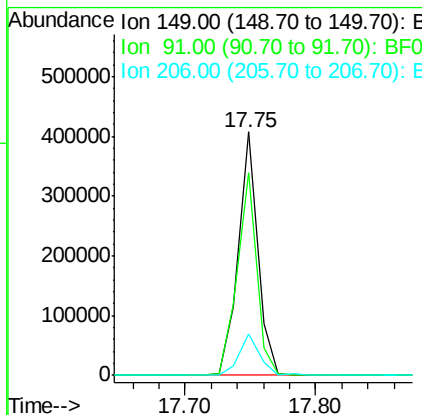
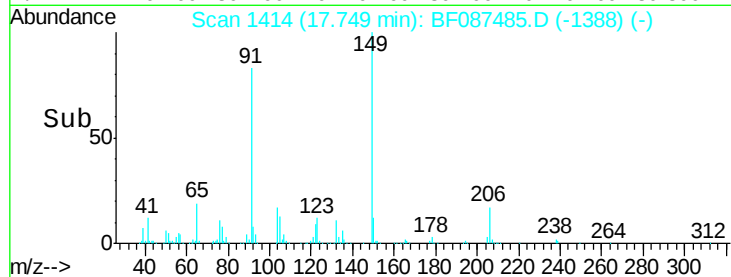
149 100

91 83.1 48.0 72.0#

206 17.2 15.8 23.6

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#80

Benzo(a)anthracene

Concen: 40.66 ng

RT: 18.42 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

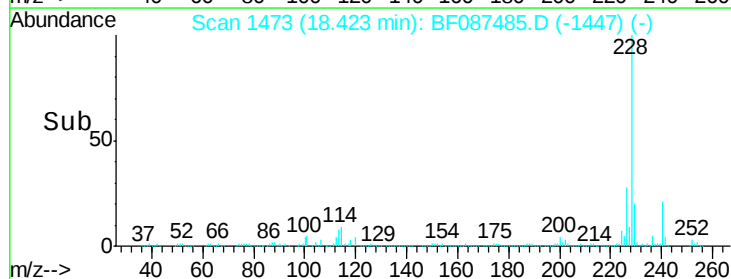
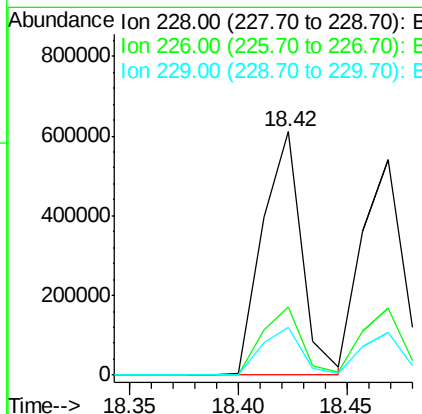
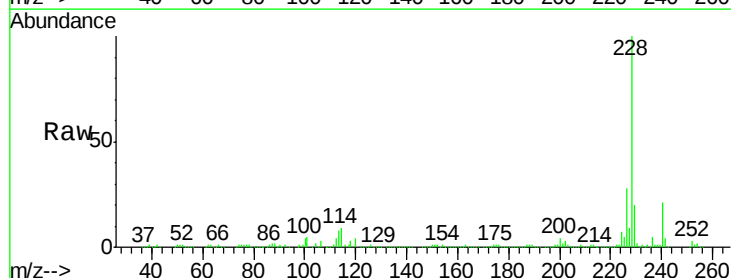
Tgt Ion:228 Resp: 765524

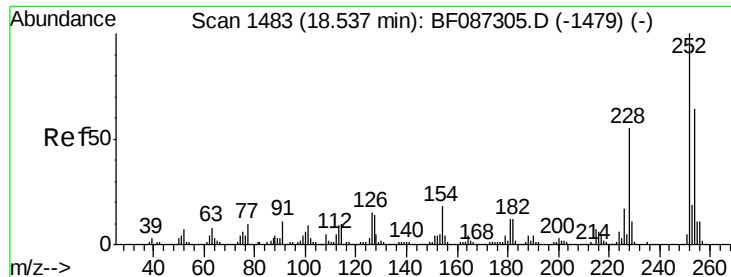
Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

229 19.6 16.6 25.0





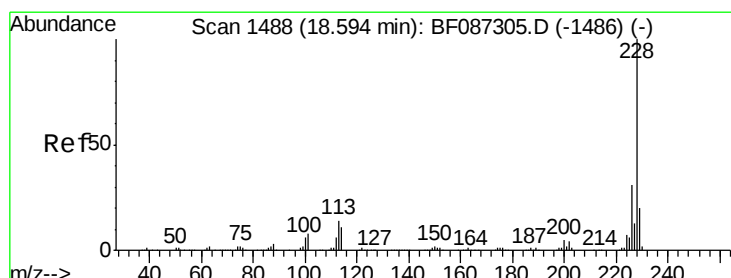
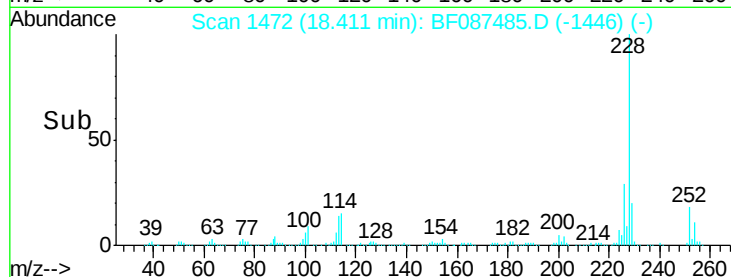
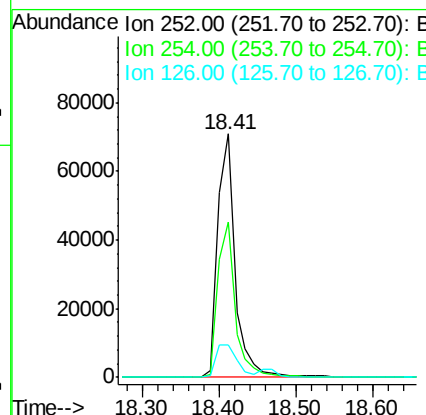
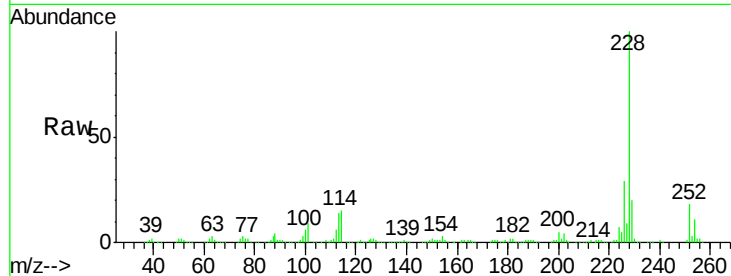
#81
 3,3'-Dichlorobenzidine
 Concen: 10.83 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	112593		
254	63.6	50.7	76.1	
126	13.2	12.7	19.1	

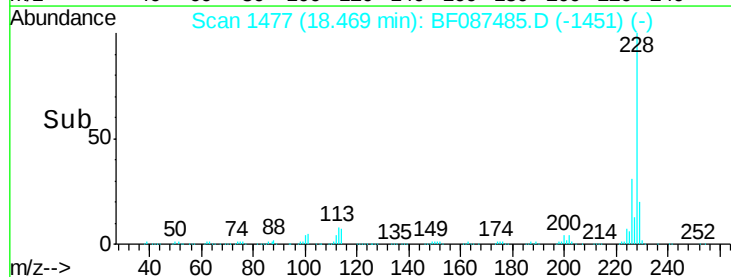
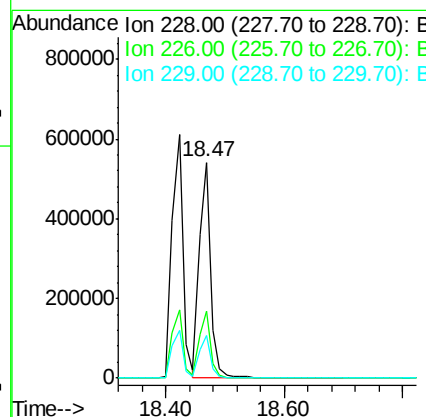
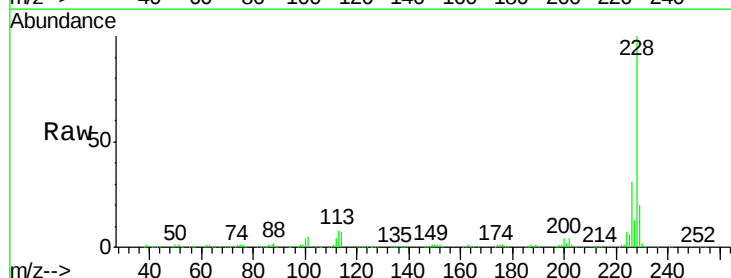
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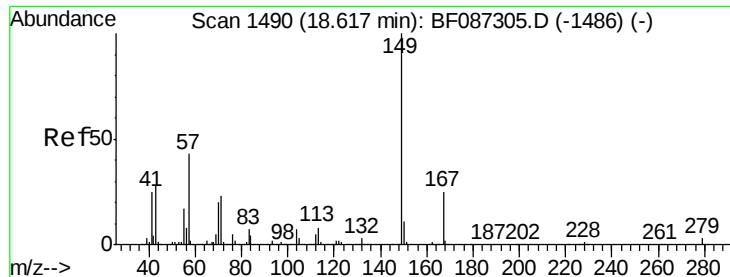
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#82
 Chrysene
 Concen: 39.29 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	734142		
226	31.0	24.4	36.6	
229	19.7	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.45 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Instrument :

BNA_F

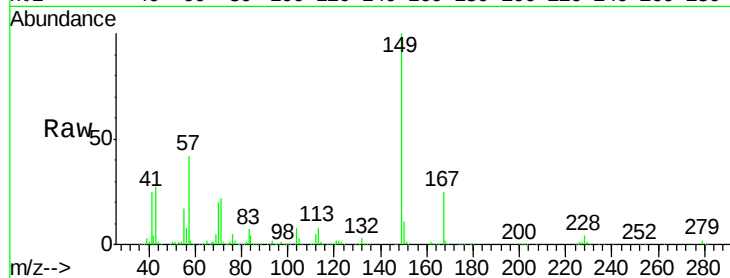
ClientSampleId :

PB90965BS

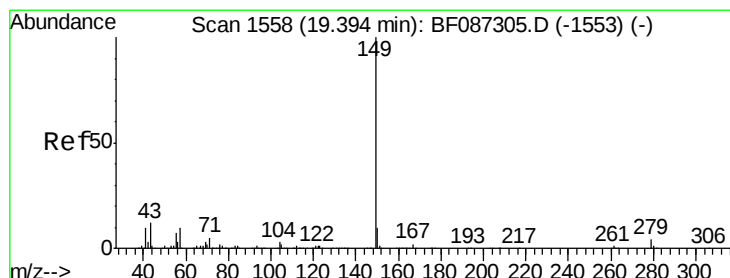
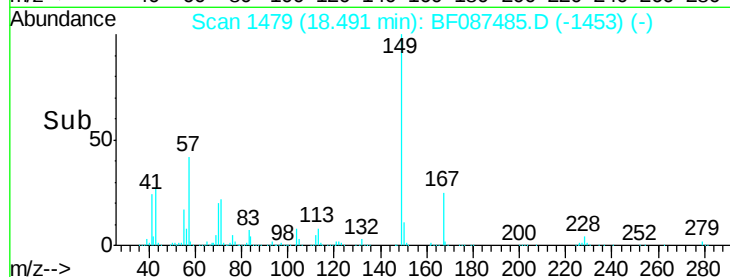
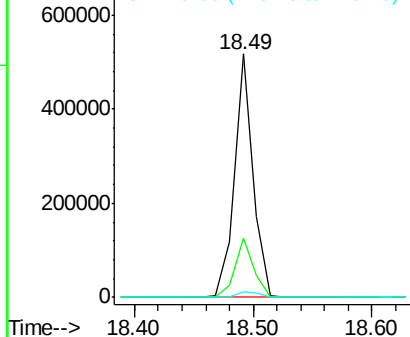
Tgt Ion:	149	Resp:	561990
Ion Ratio	Lower	Upper	
149	100		
167	24.6	21.8	32.6
279	2.5	2.6	4.0#

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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: 35.93 ng

RT: 19.27 min Scan# 1547

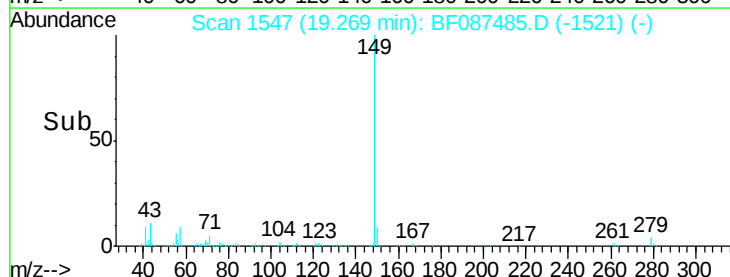
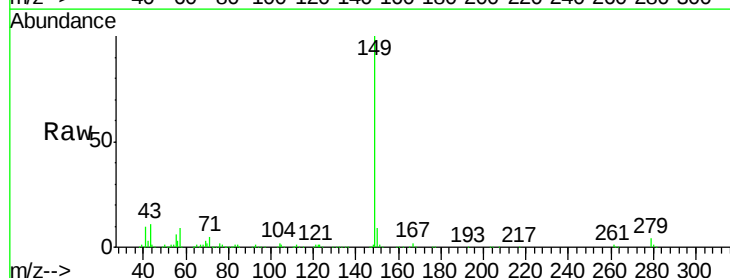
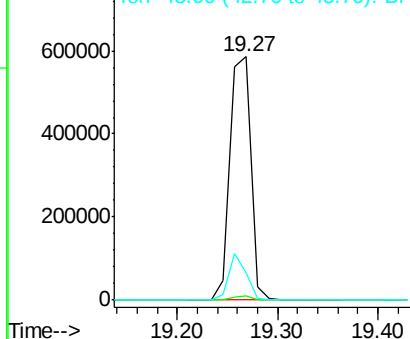
Delta R.T. 0.00 min

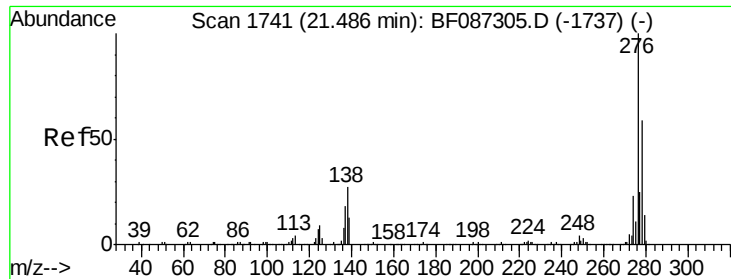
Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt Ion:	149	Resp:	844719
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	16.0	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





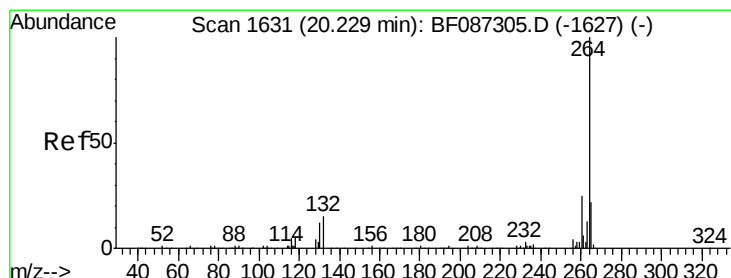
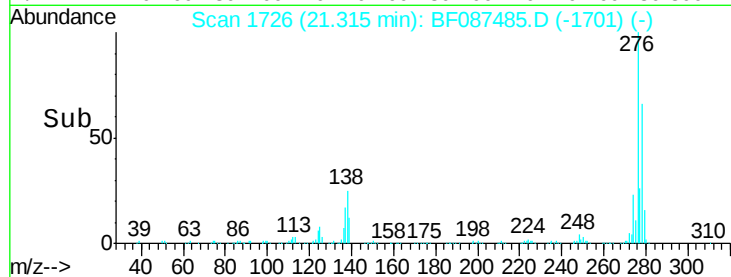
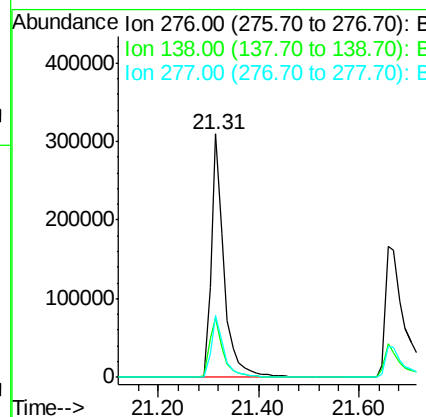
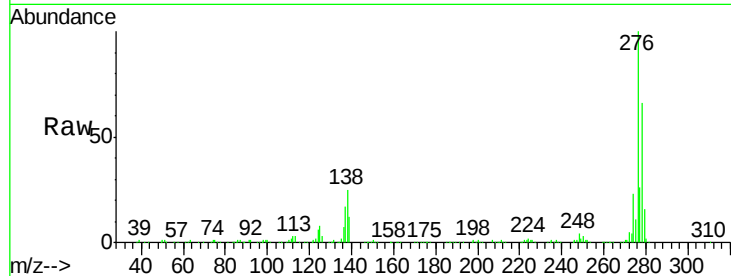
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.90 ng
 RT: 21.31 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB90965BS

Tgt Ion:	276	Resp:	537684
Ion Ratio	Lower	Upper	
276	100		
138	26.4	25.6	38.4
277	25.5	20.5	30.7

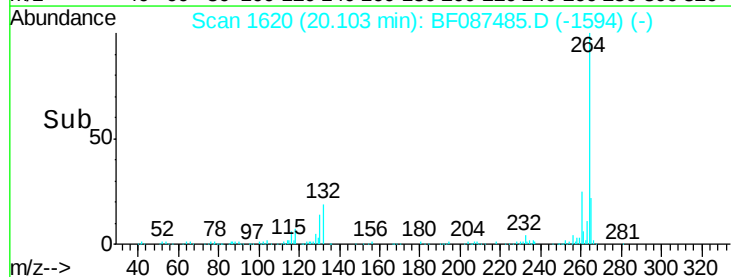
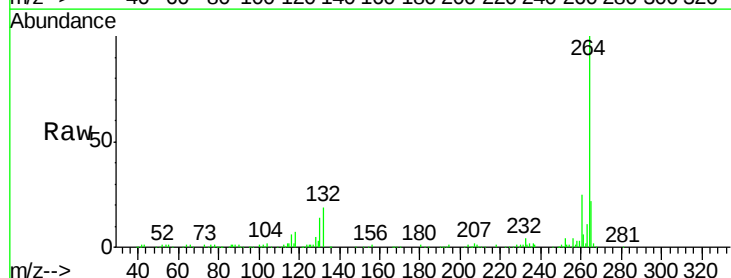
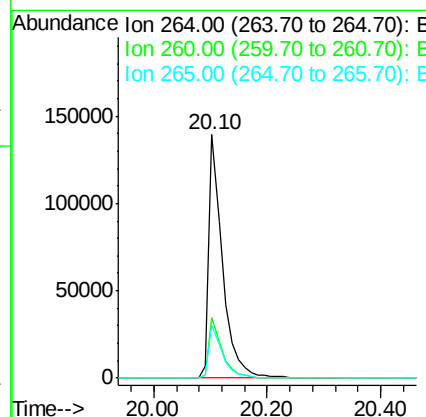
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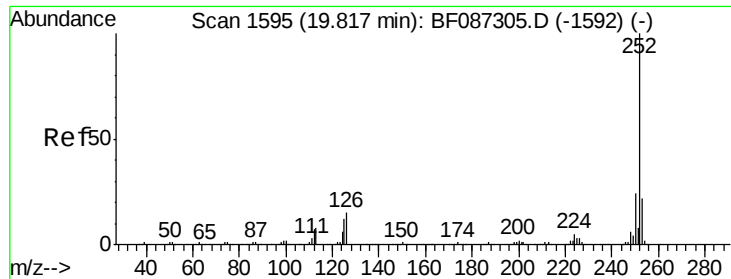
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.10 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF087485.D
 Acq: 28 May 2016 18:16

Tgt Ion:	264	Resp:	223622
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.5	29.3
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 45.28 ng

RT: 19.69 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Instrument :

BNA_F

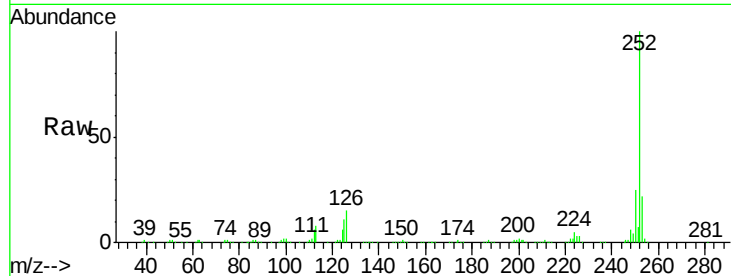
ClientSampleId :

PB90965BS

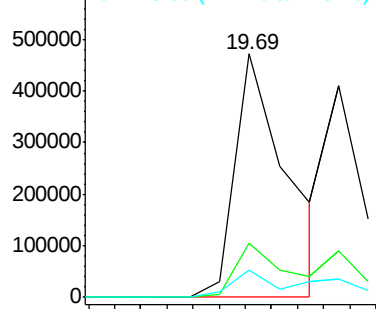
Tgt Ion:	252	Resp:	645003
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	11.5	11.4	17.0

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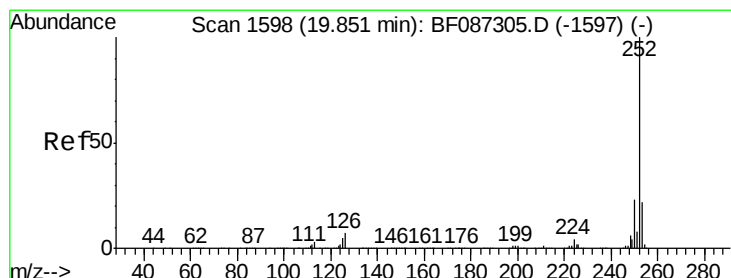
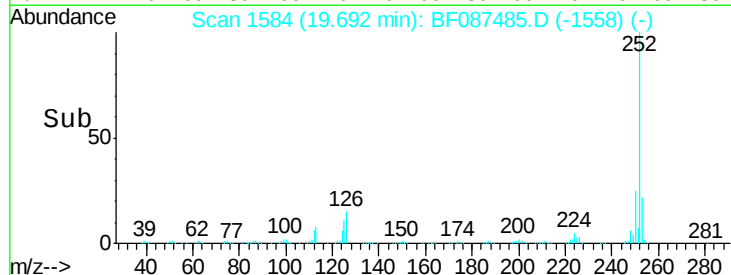
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 37.97 ng m

RT: 19.73 min Scan# 1587

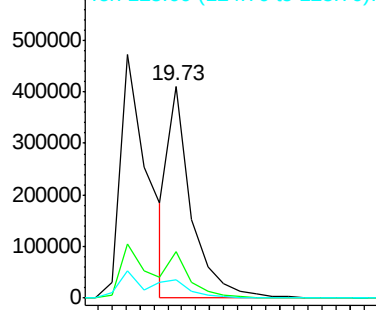
Delta R.T. 0.00 min

Lab File: BF087485.D

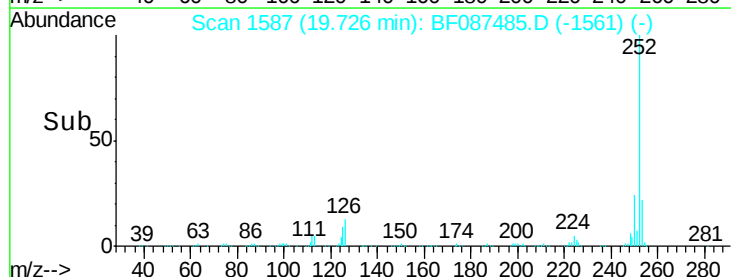
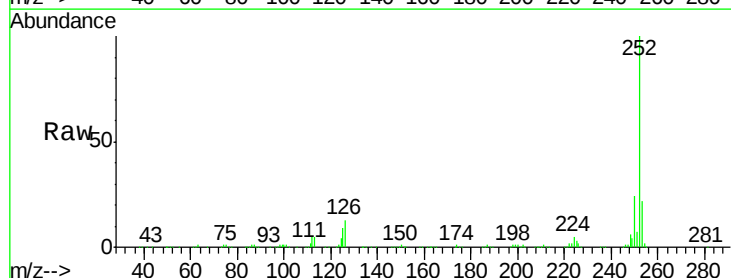
Acq: 28 May 2016 18:16

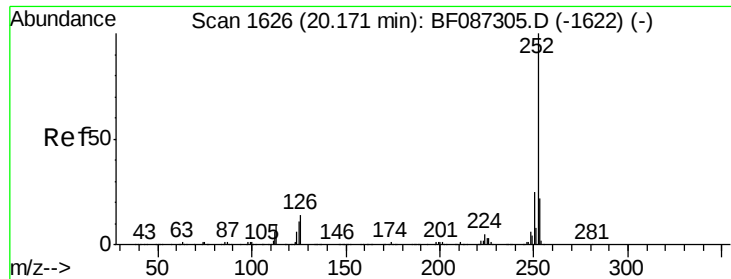
Tgt Ion:	252	Resp:	465531
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	8.7	9.1	13.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 41.04 ng

RT: 20.05 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF087485.D

Acq: 28 May 2016 18:16

Instrument :

BNA_F

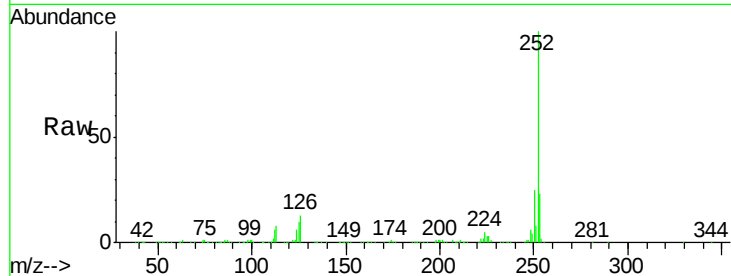
ClientSampleId :

PB90965BS

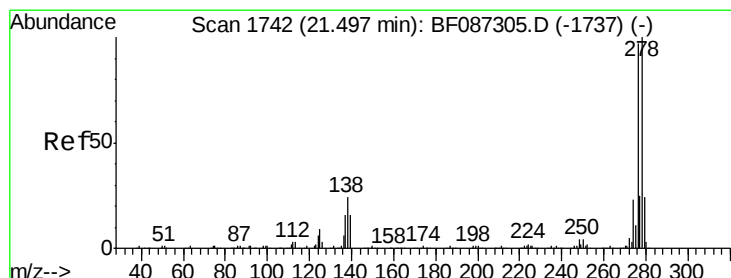
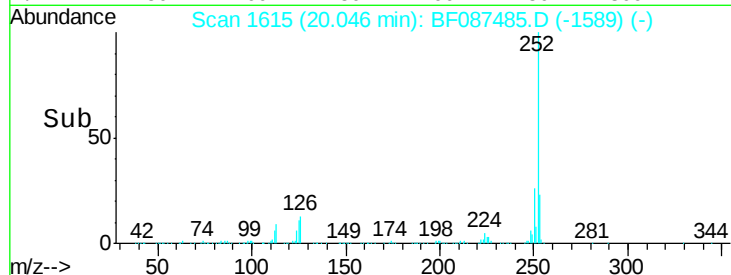
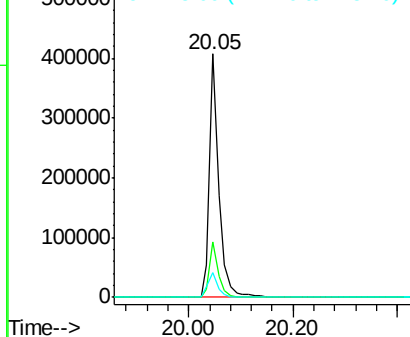
Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.6	17.2	25.8	
125	10.4	9.0	13.6	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.46 ng

RT: 21.31 min Scan# 1726

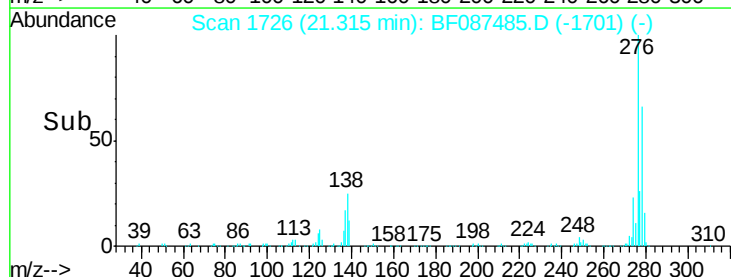
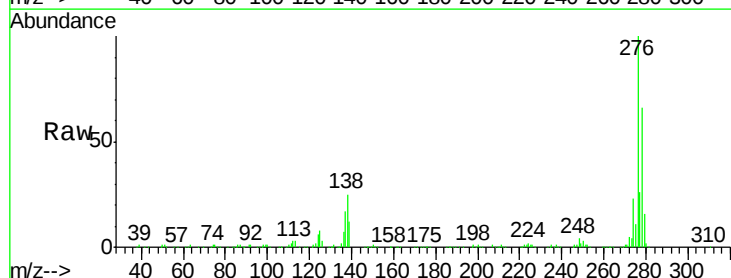
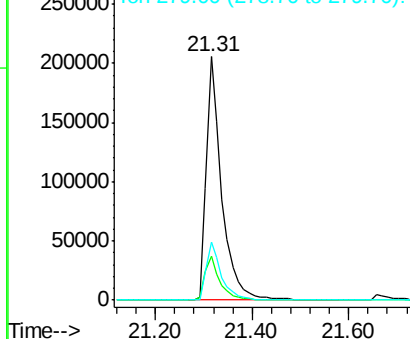
Delta R.T. -0.01 min

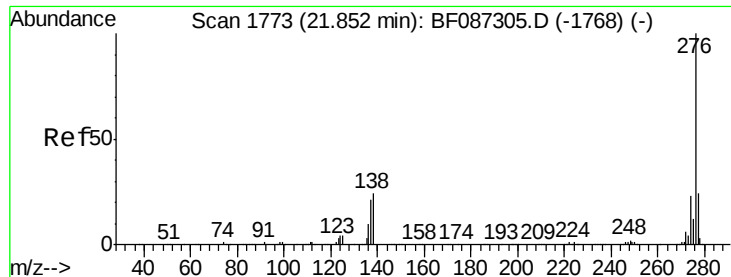
Lab File: BF087485.D

Acq: 28 May 2016 18:16

Tgt	Ion	Ratio	Lower	Upper
278	100			
139	17.9	16.6	24.8	
279	24.0	19.6	29.4	

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.57 ng

RT: 21.66 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF087485.D

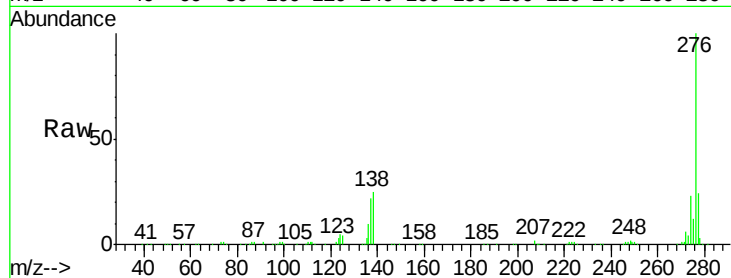
Acq: 28 May 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PB90965BS



Tgt Ion:	276	Resp:	462129
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.6	29.4
138	25.2	23.6	35.4

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