

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087373.D
 Acq On : 25 May 2016 15:36
 Operator : UM/SJ
 Sample : H3218-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Manual Integrations
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 5/26/2016 6:36:24 PM

Quant Time: May 26 12:53:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 22:35:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	107816	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	444359	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	197160	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	334542	20.00	ng	0.00
75) Chrysene-d12	18.47	240	226289	20.00	ng	-0.01
86) Perylene-d12	20.14	264	219229	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	794961	129.56	ng	0.01
7) Phenol-d6	7.07	99	1093075	131.84	ng	0.00
23) Nitrobenzene-d5	8.43	82	772579	87.62	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	196090	103.50	ng	-0.01
44) 2-Fluorobiphenyl	11.34	172	1113236	79.60	ng	0.00
78) Terphenyl-d14	17.13	244	692306	65.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	96660	29.86	ng	# 65
3) Pyridine	2.48	79	255895	36.15	ng	# 66
4) n-Nitrosodimethylamine	2.44	42	244339	44.80	ng	# 49
6) Aniline	7.02	93	821578	76.60	ng	94
8) 2-Chlorophenol	7.20	128	329996	43.13	ng	90
9) Benzaldehyde	6.84	77	61991	13.54	ng	96
10) Phenol	7.08	94	379963	41.97	ng	77
11) bis(2-Chloroethyl)ether	7.16	93	325695	44.45	ng	87
12) 1,3-Dichlorobenzene	7.42	146	334224	40.05	ng	# 92
13) 1,4-Dichlorobenzene	7.54	146	344658m	40.23	ng	
14) 1,2-Dichlorobenzene	7.78	146	330286	41.67	ng	99
15) Benzyl Alcohol	7.82	79	321982	53.27	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.02	45	637428	38.66	ng	84
17) 2-Methylphenol	8.03	107	257887	42.05	ng	# 87
18) Hexachloroethane	8.30	117	125163	39.16	ng	96
19) n-Nitroso-di-n-propylamine	8.24	70	271599	43.93	ng	# 69
20) 3+4-Methylphenols	8.30	107	355686	47.98	ng	# 60
22) Acetophenone	8.20	105	499937	47.09	ng	# 98
24) Nitrobenzene	8.47	77	409487	44.00	ng	97
25) Isophorone	8.86	82	687457	43.47	ng	98
26) 2-Nitrophenol	8.97	139	174537	45.88	ng	# 74
27) 2,4-Dimethylphenol	9.11	122	247136	37.42	ng	# 86
28) bis(2-Chloroethoxy)methane	9.24	93	411209	46.17	ng	99
29) 2,4-Dichlorophenol	9.38	162	278578	46.81	ng	97
30) 1,2,4-Trichlorobenzene	9.47	180	287300	42.17	ng	95
31) Naphthalene	9.59	128	1035160	46.49	ng	100
33) 4-Chloroaniline	9.74	127	207727	25.33	ng	96
34) Hexachlorobutadiene	9.80	225	160495	38.75	ng	100
35) Caprolactam	10.34	113	87120m	50.15	ng	
36) 4-Chloro-3-methylphenol	10.59	107	310896	46.20	ng	95
37) 2-Methylnaphthalene	10.71	142	622724m	44.77	ng	
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	258248	40.92	ng	99
40) Hexachlorocyclopentadiene	10.96	237	95082	41.74	ng	96
42) 2,4,6-Trichlorophenol	11.21	196	166265	45.64	ng	96

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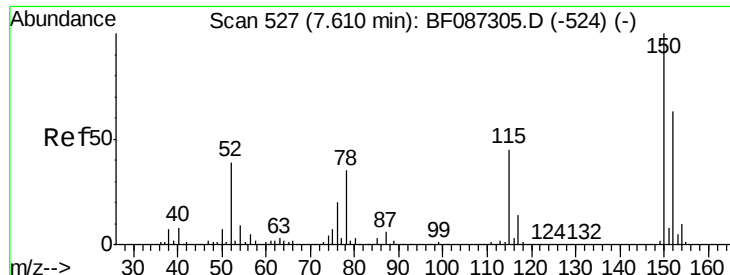
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.29	196	166876	44.98	nq	# 91
45) 1,1'-Biphenyl	11.49	154	735270	44.29	nq	98
46) 2-Chloronaphthalene	11.50	162	537698	42.34	nq	97
47) 2-Nitroaniline	11.71	65	226847	49.58	nq	87
48) Acenaphthylene	12.15	152	851312	42.34	nq	99
49) Dimethylphthalate	12.03	163	948673	60.07	nq	100
50) 2,6-Dinitrotoluene	12.13	165	140364	44.11	nq	# 81
51) Acenaphthene	12.43	154	548382	44.38	nq	98
52) 3-Nitroaniline	12.39	138	125145	38.32	nq	# 81
54) Dibenzofuran	12.72	168	792876	47.39	nq	95
55) 4-Nitrophenol	12.77	139	142468	91.44	nq	# 68
56) 2,4-Dinitrotoluene	12.79	165	187508	44.08	nq	90
57) Fluorene	13.27	166	648157	44.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	130066	45.58	nq	99
59) Diethylphthalate	13.18	149	636643	41.46	nq	100
60) 4-Chlorophenyl-phenylether	13.30	204	284285	40.18	nq	91
61) 4-Nitroaniline	13.39	138	128104	42.02	nq	# 81
62) Azobenzene	13.55	77	731086	45.89	nq	87
64) 4,6-Dinitro-2-methylphenol	13.45	198	29670	13.95	nq	# 45
65) n-Nitrosodiphenylamine	13.51	169	513601	47.47	nq	100
66) 4-Bromophenyl-phenylether	14.09	248	157247	42.97	nq	# 86
67) Hexachlorobenzene	14.15	284	154475	40.36	nq	# 60
68) Atrazine	14.43	200	161216	46.75	nq	95
69) Pentachlorophenol	14.51	266	91232	76.95	nq	96
70) Phenanthrene	14.82	178	1573405	84.91	nq	99
71) Anthracene	14.90	178	994537	53.13	nq	99
72) Carbazole	15.19	167	757233	47.43	nq	99
73) Di-n-butylphthalate	15.77	149	863220	41.81	nq	99
74) Fluoranthene	16.58	202	1616631	87.00	nq	95
76) Benzidine	16.81	184	138442	23.78	nq	97
77) Pyrene	16.88	202	1425364	87.51	nq	96
79) Butylbenzylphthalate	17.79	149	309978	42.91	nq	# 80
80) Benzo(a)anthracene	18.46	228	944660	73.39	nq	99
81) 3,3'-Dichlorobenzidine	18.45	252	116560	16.39	nq	# 98
82) Chrysene	18.50	228	853217	66.79	nq	97
83) Bis(2-ethylhexyl)phthalate	18.54	149	401292	38.07	nq	# 95
84) Di-n-octyl phthalate	19.31	149	656588	40.85	nq	# 87
85) Indeno(1,2,3-cd)pyrene	21.36	276	529440	51.70	nq	93
87) Benzo(b)fluoranthene	19.74	252	879380m	62.97	nq	
88) Benzo(k)fluoranthene	19.76	252	575341m	47.87	nq	
89) Benzo(a)pyrene	20.08	252	679749	56.28	nq	# 96
90) Dibenzo(a,h)anthracene	21.37	278	409826	39.78	nq	# 93
91) Benzo(g,h,i)perylene	21.71	276	431251m	42.43	nq	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

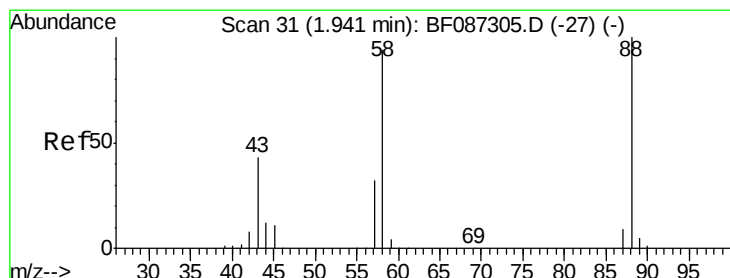
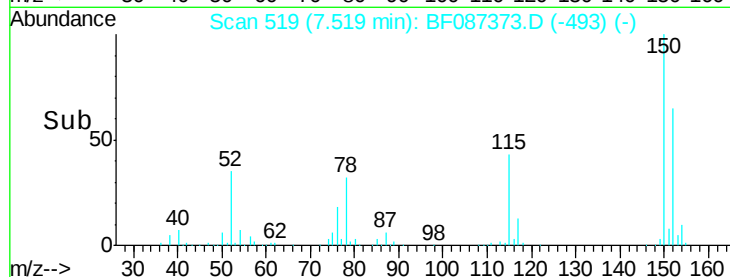
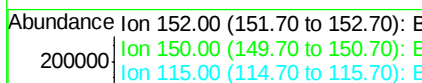
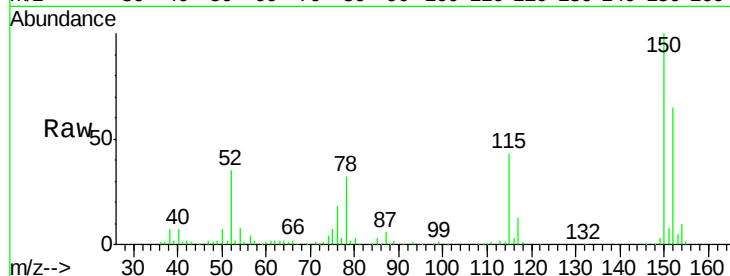
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	152	Resp:	107816
Ion Ratio	Lower	Upper	
152	100		
150	155.0	125.8	188.6
115	66.7	51.5	77.3

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#2

1,4-Dioxane

Concen: 29.86 ng

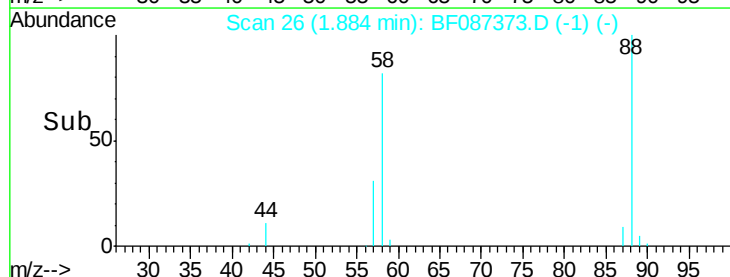
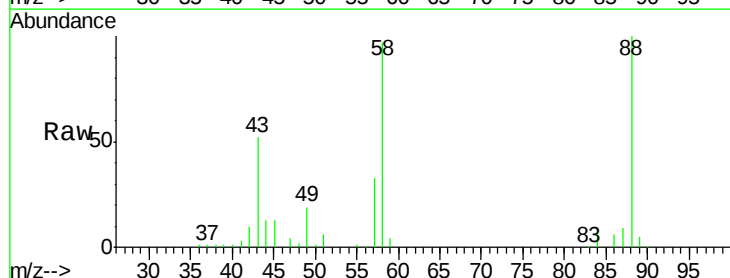
RT: 1.88 min Scan# 26

Delta R.T. 0.07 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	88	Resp:	96660
Ion Ratio	Lower	Upper	
88	100		
58	95.5	59.6	89.4#
43	60.2	21.8	32.6#





#3

Pvridine

Concen: 36.15 ng

RT: 2.48 min Scan# 78

Delta R.T. 0.07 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

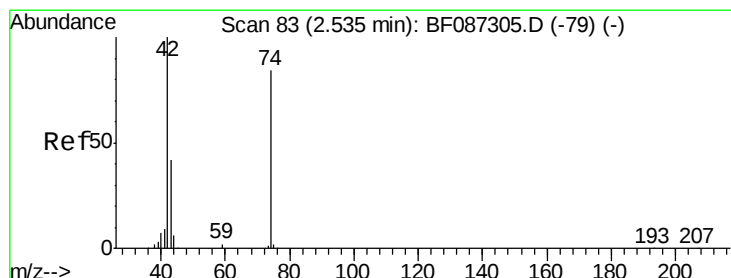
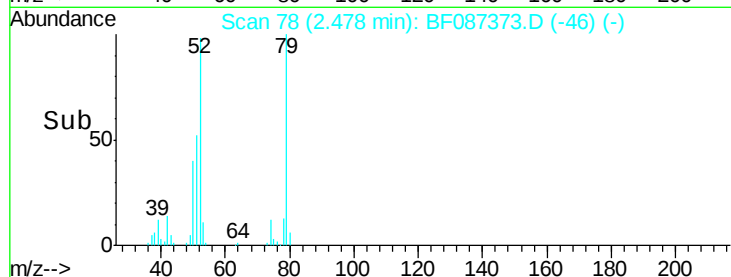
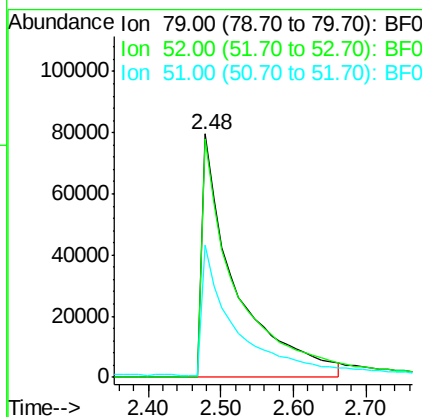
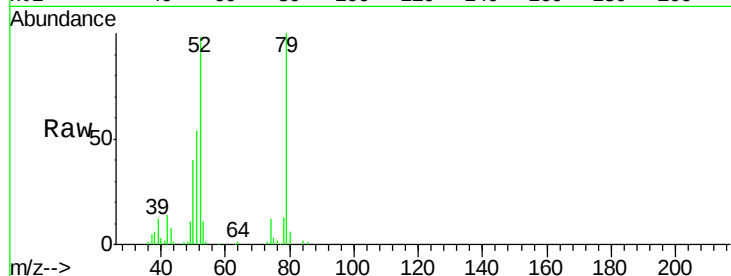
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	79	Resp:	255895
Ion Ratio	Lower	Upper	
79	100		
52	98.0	55.9	83.9#
51	54.2	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 44.80 ng

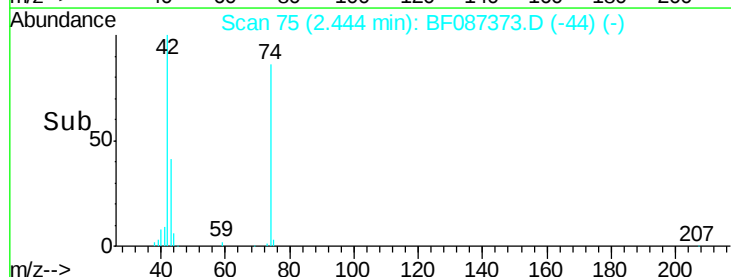
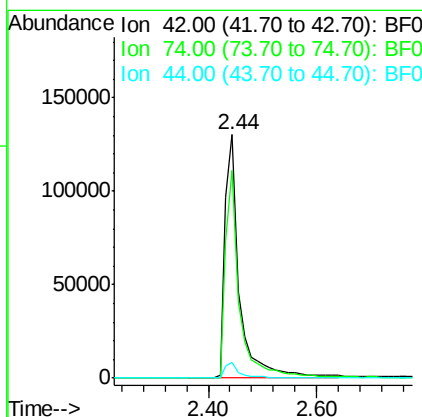
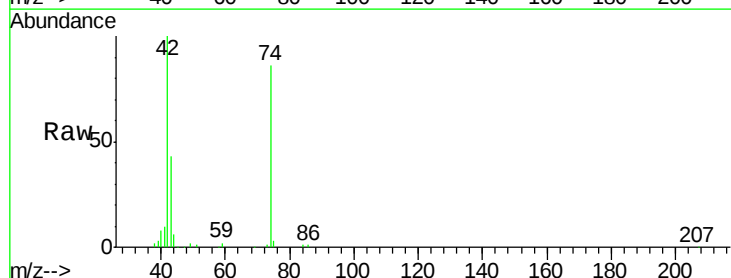
RT: 2.44 min Scan# 75

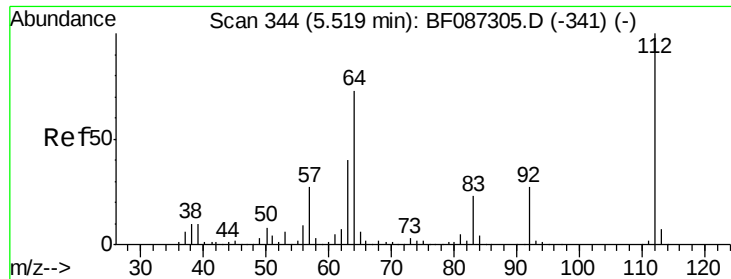
Delta R.T. 0.06 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	42	Resp:	244339
Ion Ratio	Lower	Upper	
42	100		
74	85.6	123.4	185.0#
44	6.3	5.8	8.6





#5

2-Fluorophenol

Concen: 129.56 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF087373.D

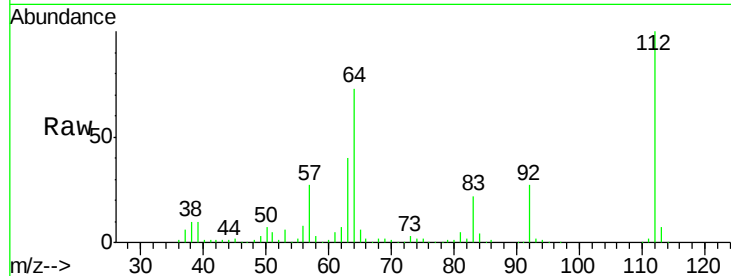
Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

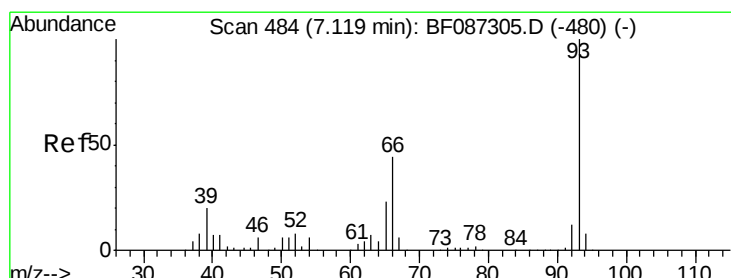
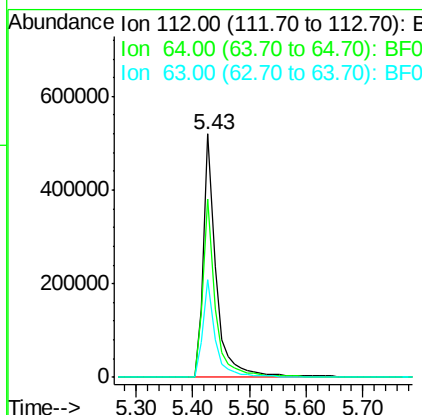
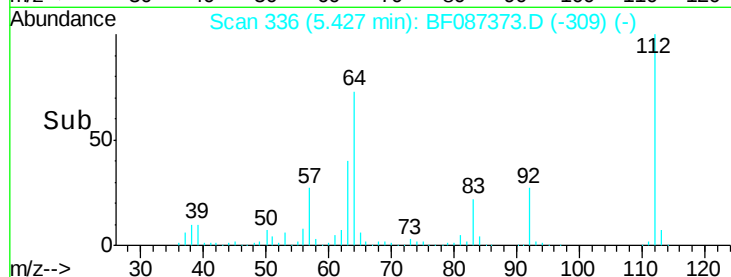
E-3(6.5-7)MSD



Tot Ion:	112	Resp:	794961
Ion Ratio	Lower	Upper	
112	100		
64	73.5	52.1	78.1
63	40.2	25.7	38.5

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#6

Aniline

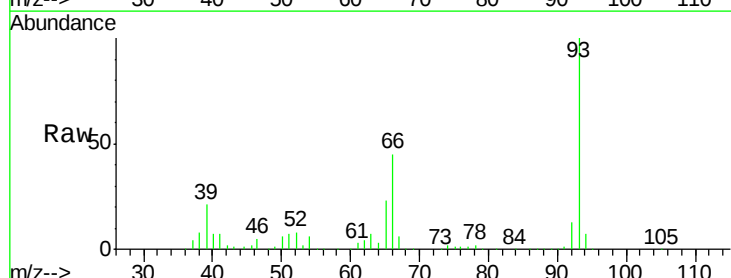
Concen: 76.60 ng

RT: 7.02 min Scan# 475

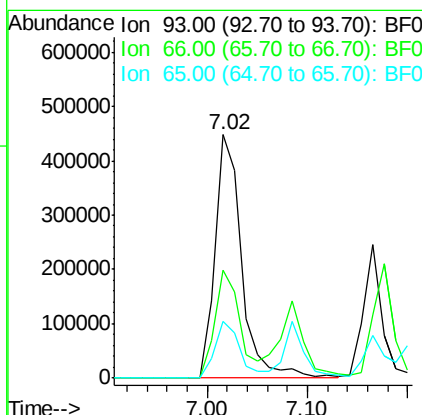
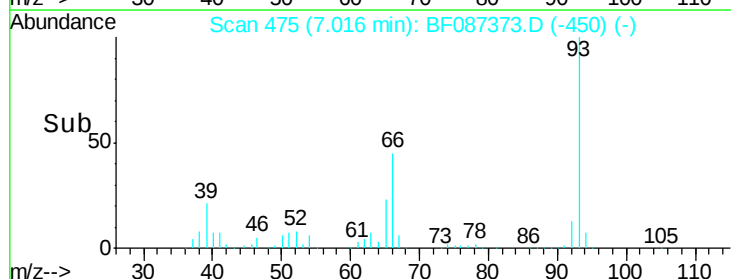
Delta R.T. -0.01 min

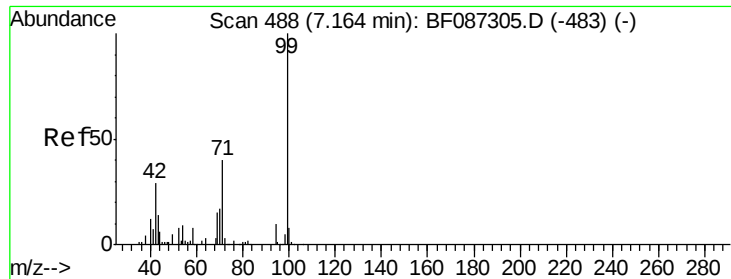
Lab File: BF087373.D

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Tgt Ion:	93	Resp:	821578
Ion Ratio	Lower	Upper	
93	100		
66	44.6	39.0	58.6
65	23.4	20.6	31.0





#7

Phenol-d6

Concen: 131.84 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

Tot Ion: 99 Resp: 1093075

Ion Ratio Lower Upper

99 100

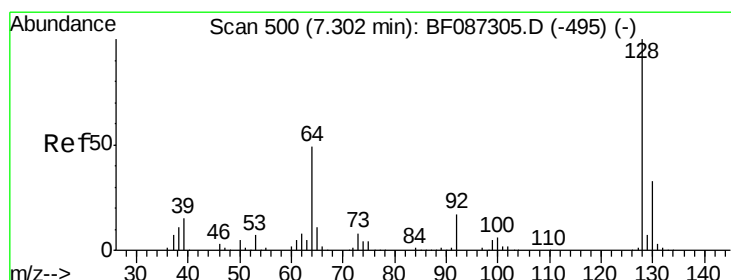
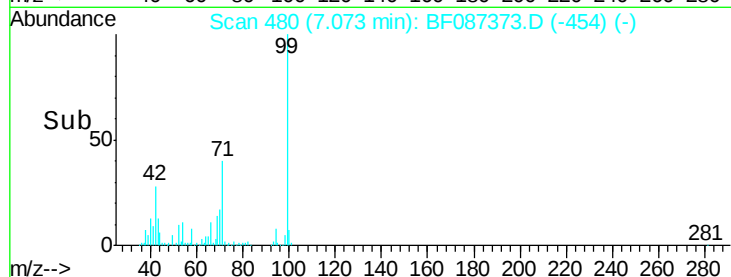
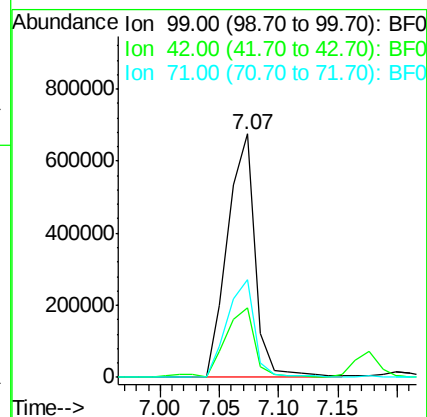
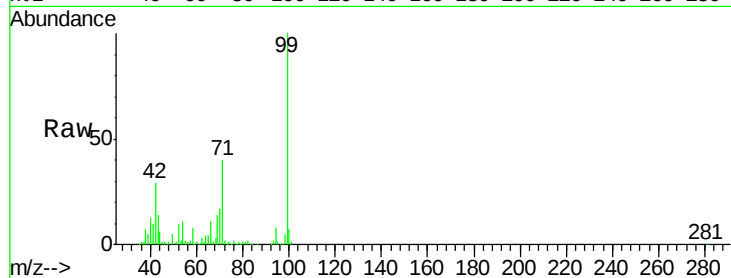
42 28.6 13.6 20.4#

71 39.9 24.6 36.8#

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#8

2-Chlorophenol

Concen: 43.13 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

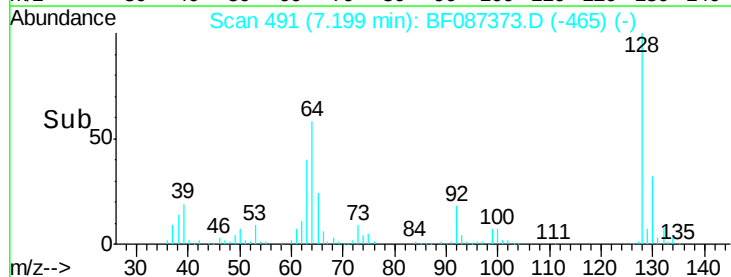
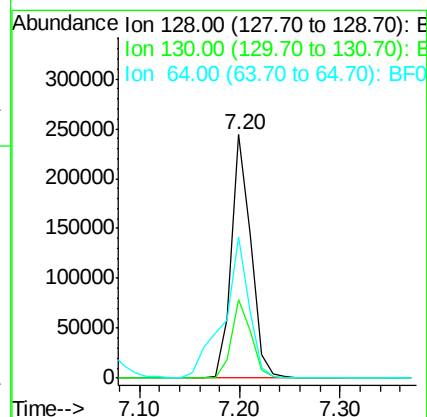
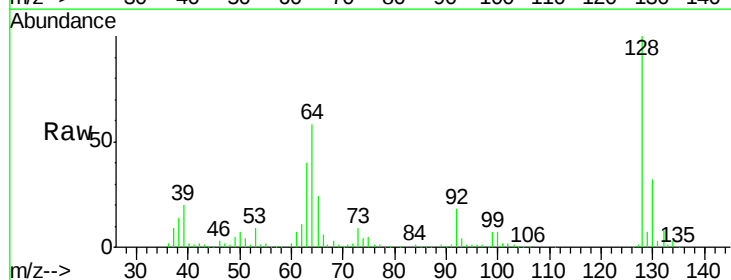
Tgt Ion: 128 Resp: 329996

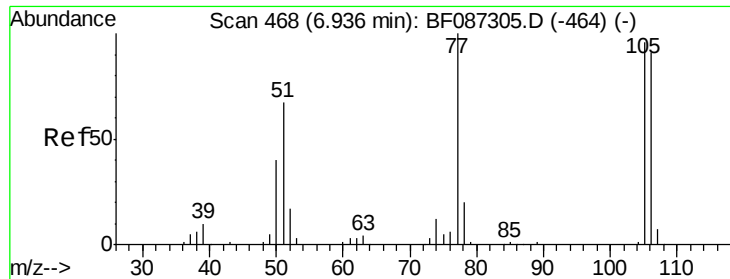
Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

64 58.1 27.3 67.3





#9

Benzaldehyde

Concen: 13.54 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

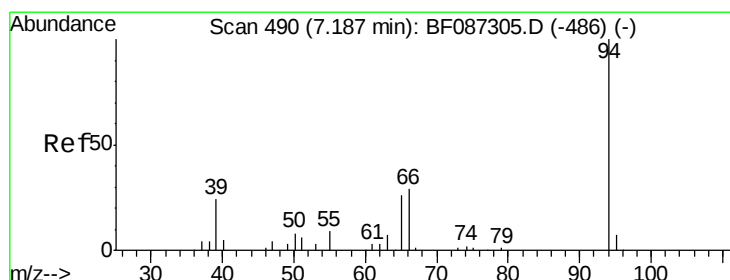
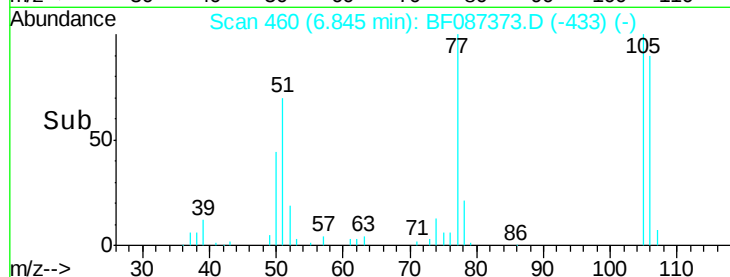
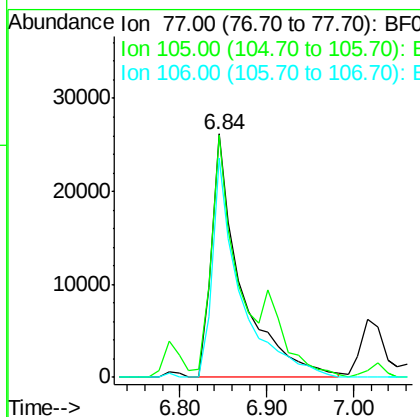
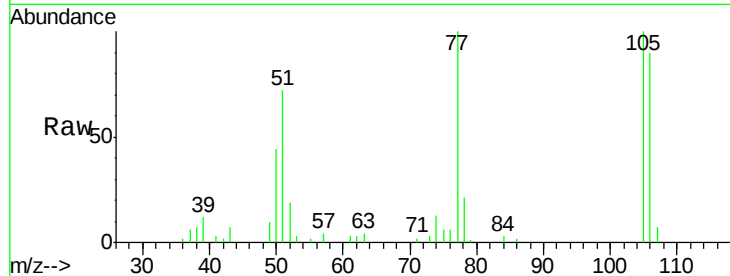
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	77	Resp:	61991
Ion	Ratio	Lower	Upper
77	100		
105	99.8	72.7	112.7
106	90.0	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 41.97 ng

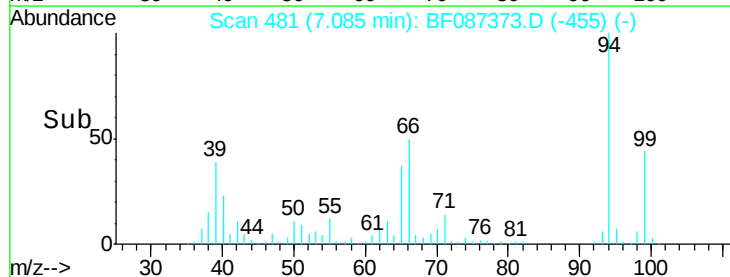
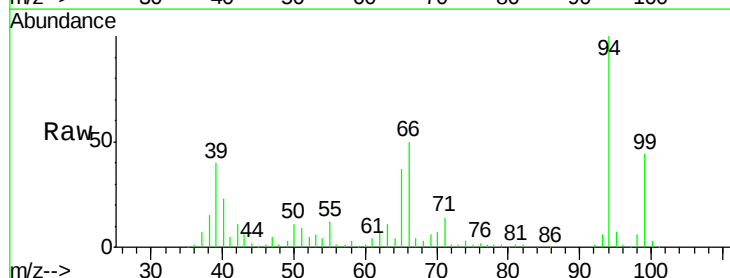
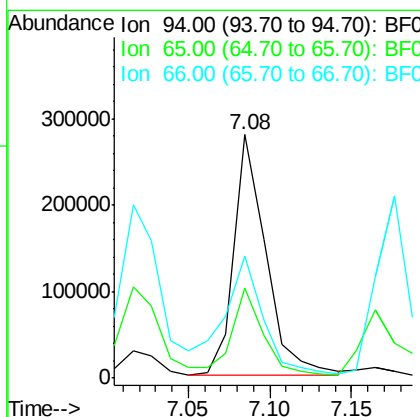
RT: 7.08 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	94	Resp:	379963
Ion	Ratio	Lower	Upper
94	100		
65	37.2	7.2	47.2
66	50.2	14.9	54.9





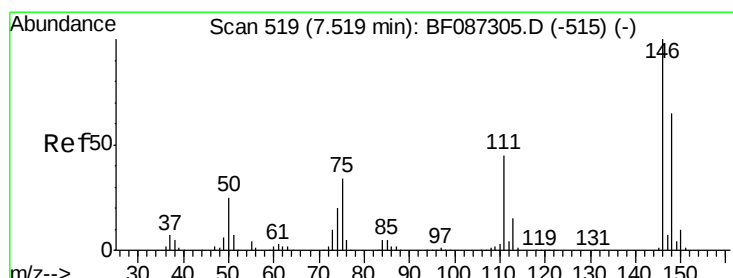
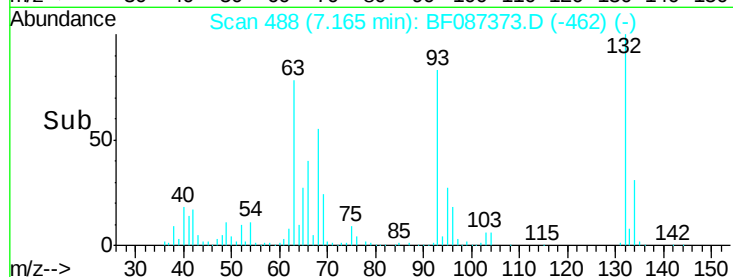
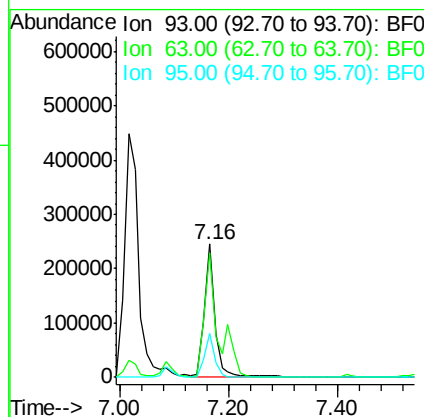
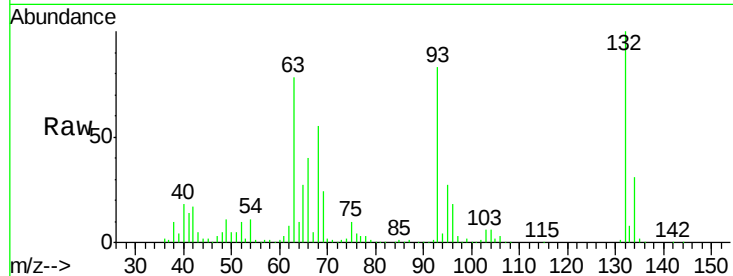
#11
bis(2-Chloroethyl)ether
Concen: 44.45 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	325695		
63	93.9	58.0	98.0	
95	32.6	11.9	51.9	

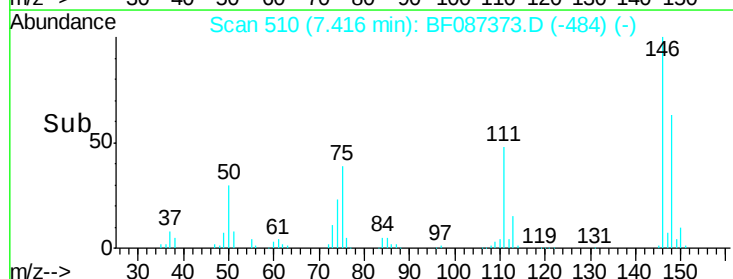
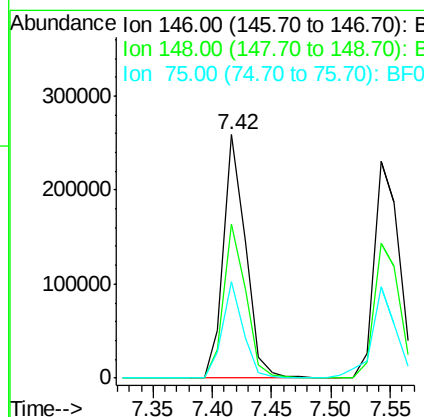
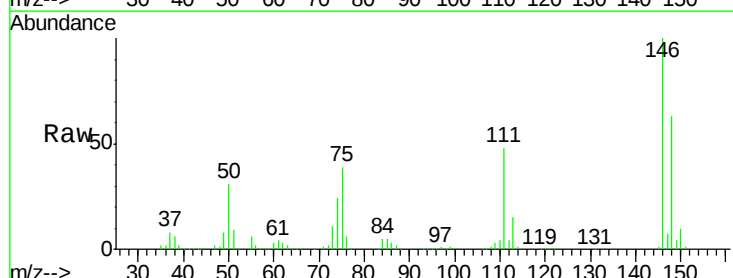
Manual Integrations
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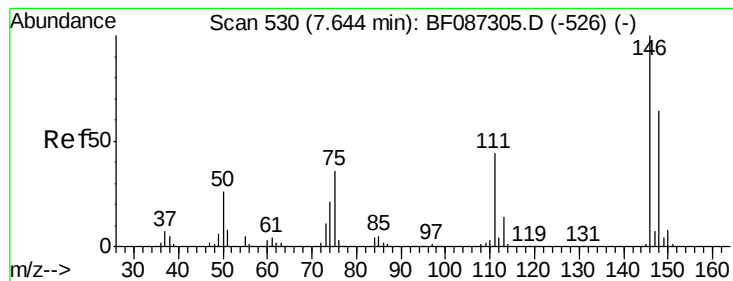
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#12
1,3-Dichlorobenzene
Concen: 40.05 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	334224		
148	63.5	52.4	78.6	
75	39.5	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 40.23 ng/ml

RT: 7.54 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:146 Resp: 344658

Ion Ratio Lower Upper

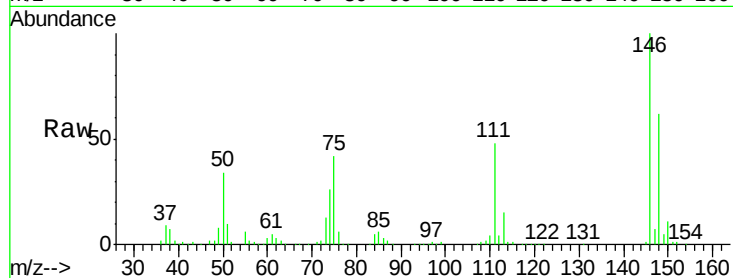
146 100

148 62.3 52.2 78.4

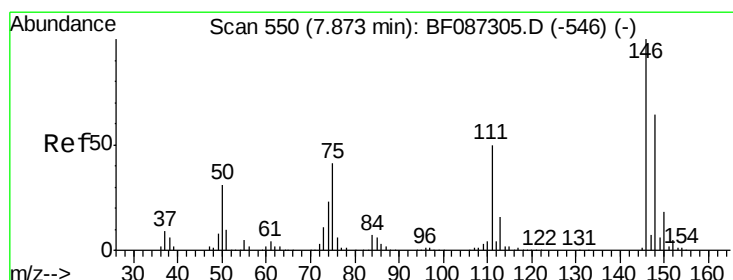
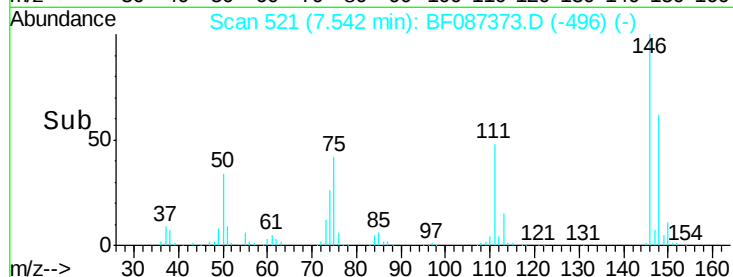
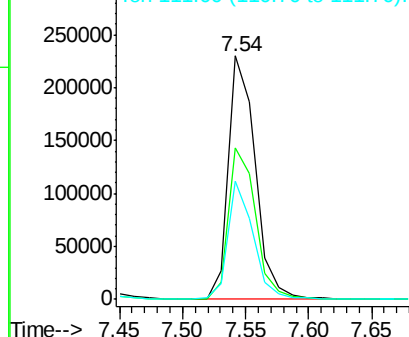
111 48.3 30.7 46.1#

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



#14

1,2-Dichlorobenzene

Concen: 41.67 ng/ml

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

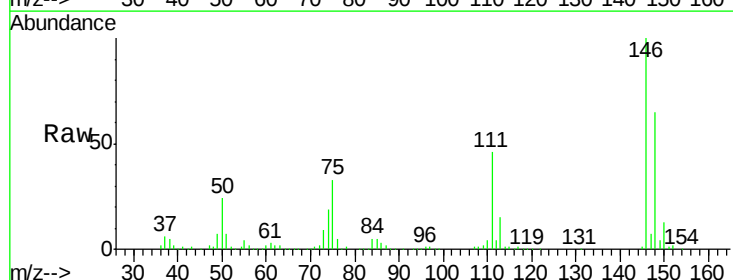
Tgt Ion:146 Resp: 330286

Ion Ratio Lower Upper

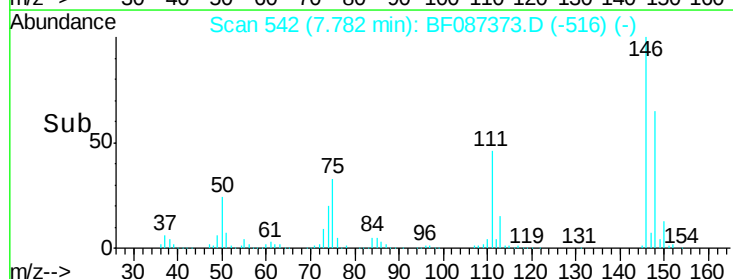
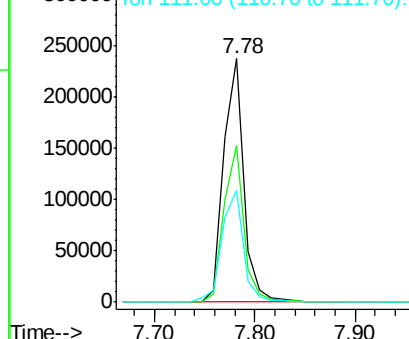
146 100

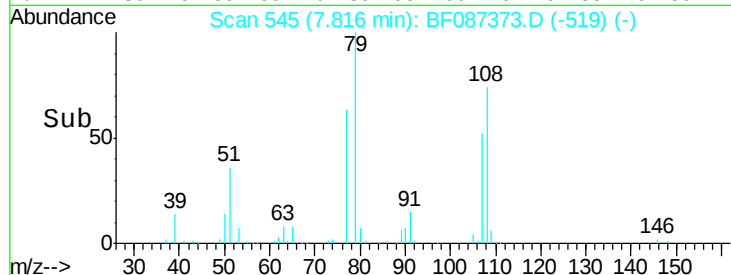
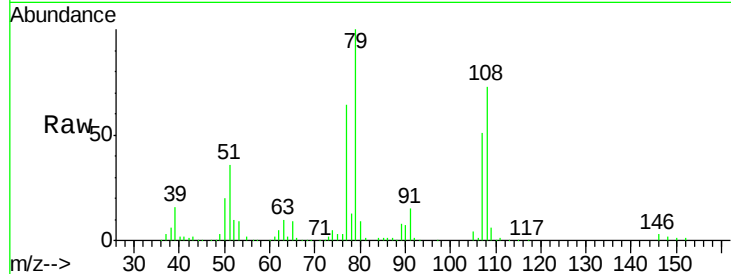
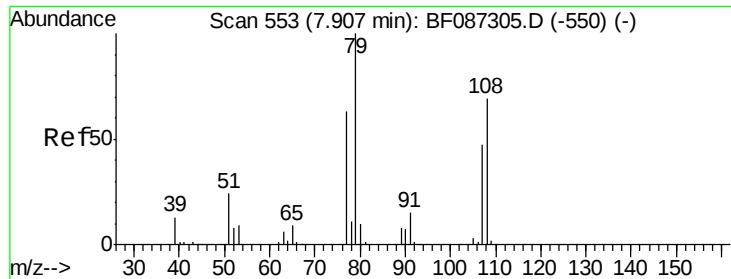
148 64.5 51.0 76.6

111 45.9 36.2 54.4



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





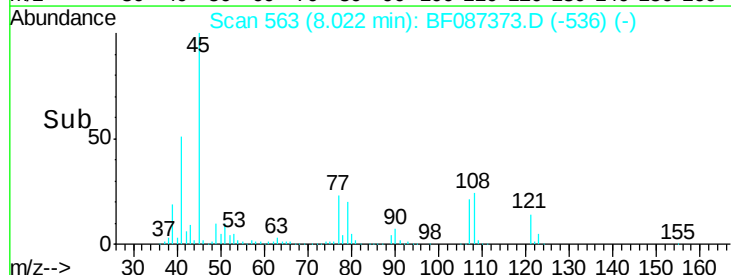
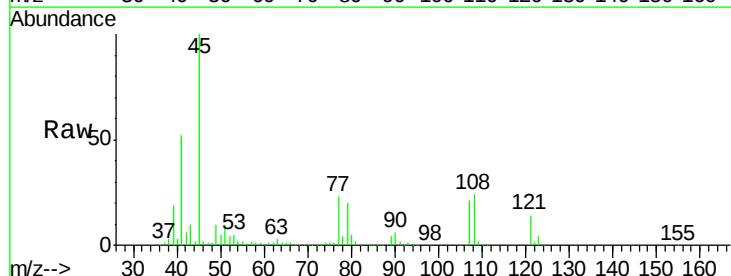
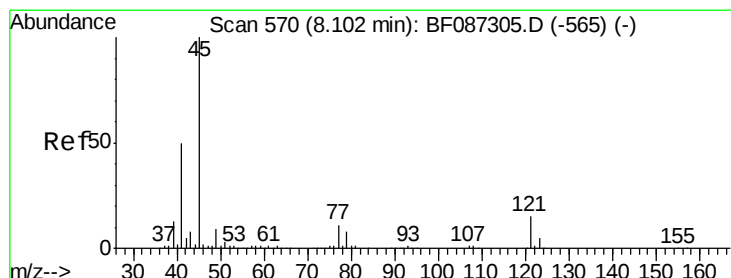
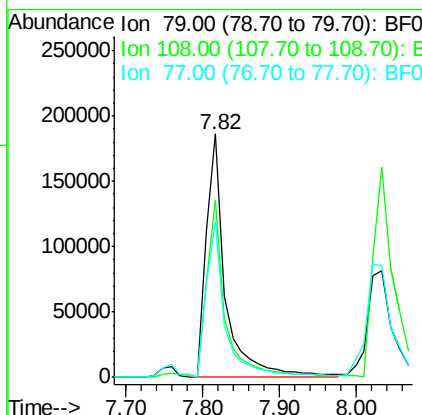
#15
Benzyl Alcohol
Concen: 53.27 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tot Ion	Ratio	Resp	Lower	Upper
79	100	321982		
108	72.8	68.4	102.6	
77	63.9	50.6	76.0	

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

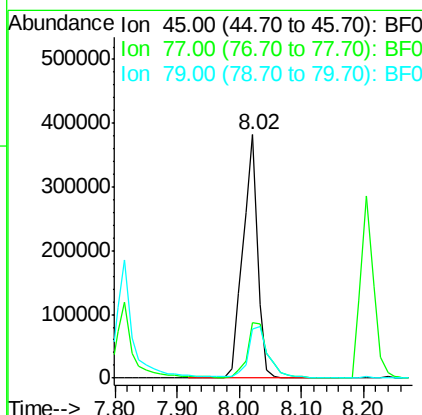
Manual Integrations
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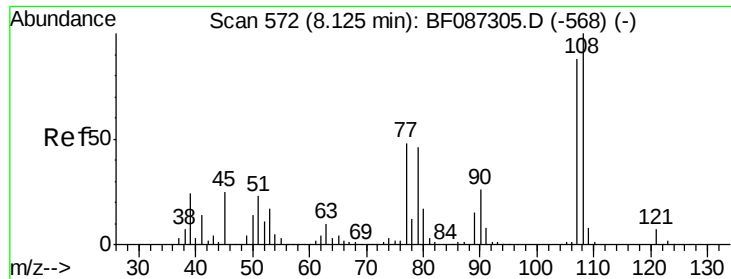
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.66 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	637428		
77	22.5	0.0	36.4	
79	20.2	0.0	33.4	





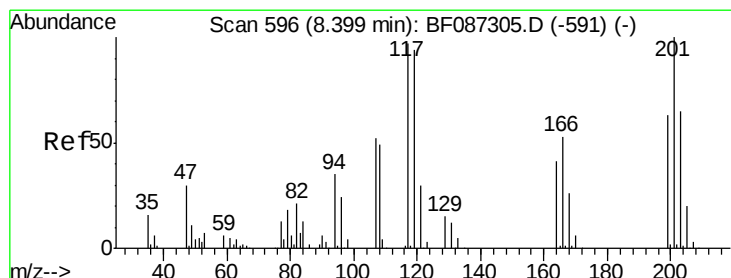
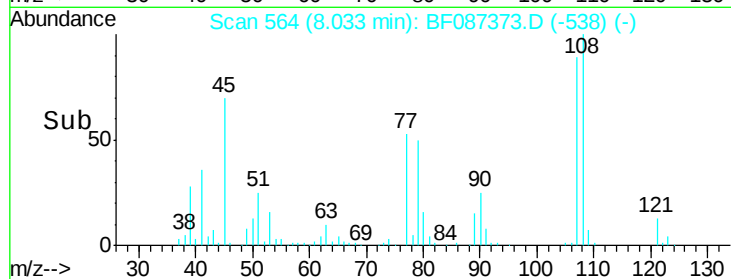
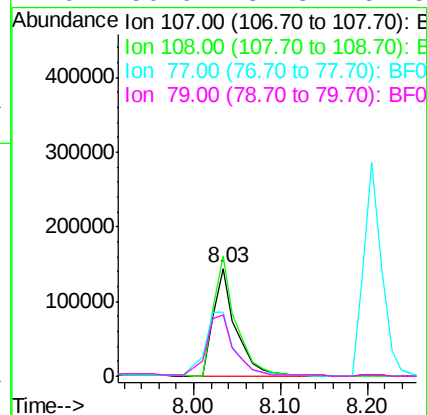
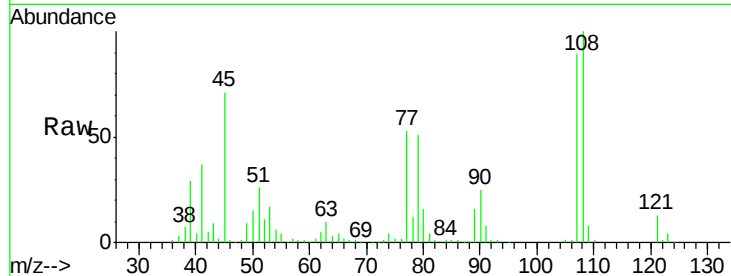
#17
2-Methylphenol
Concen: 42.05 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	257887		
108	111.7	93.7	140.5	
77	59.5	33.4	50.0	
79	56.6	34.3	51.5	

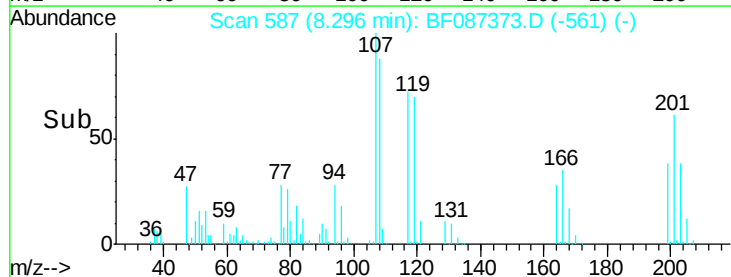
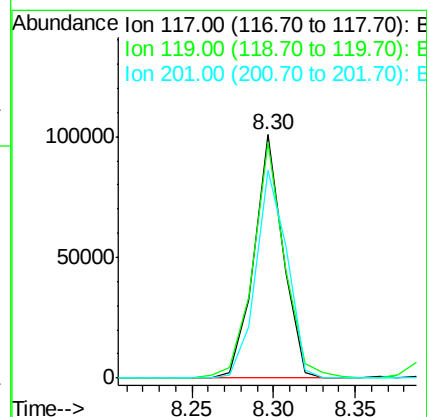
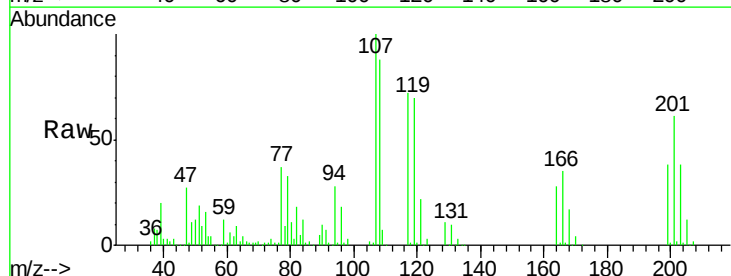
Manual Integrations
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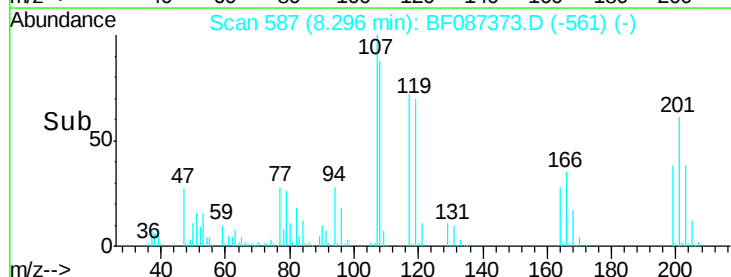
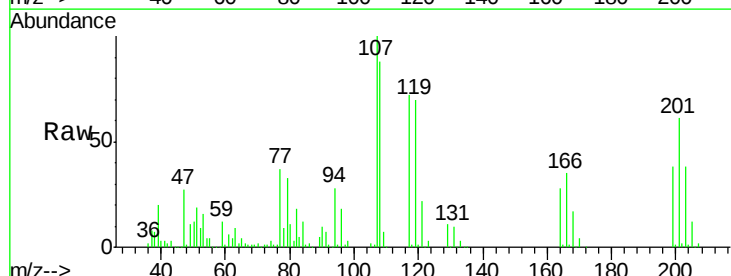
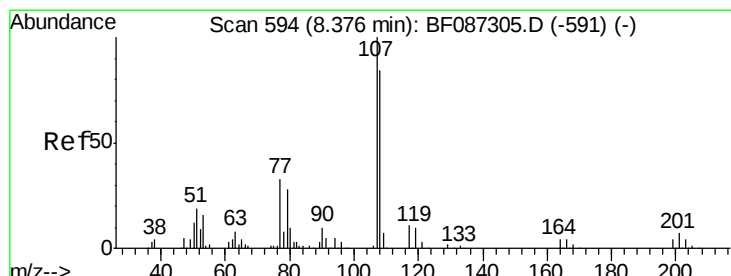
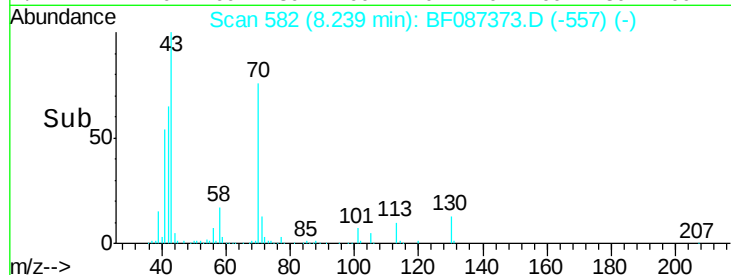
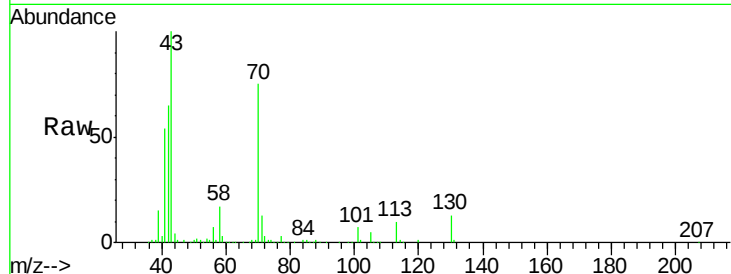
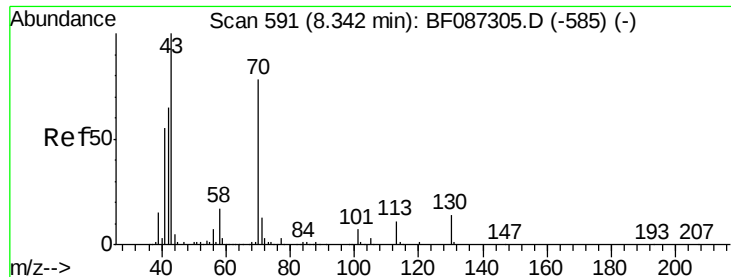
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#18
Hexachloroethane
Concen: 39.16 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125163		
119	96.9	76.5	114.7	
201	85.2	63.0	94.6	





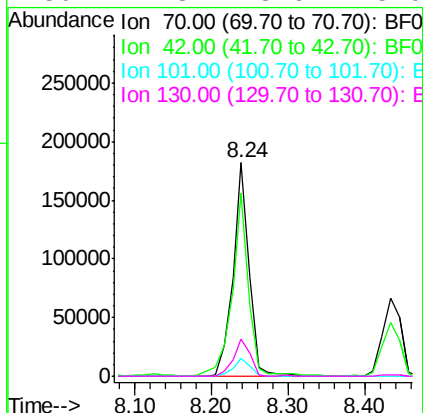
#19
n-Nitroso-di-n-propylamine
Concen: 43.93 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	85.9	43.1	64.7#		
101	8.7	8.1	12.1		
130	17.3	18.6	28.0#		

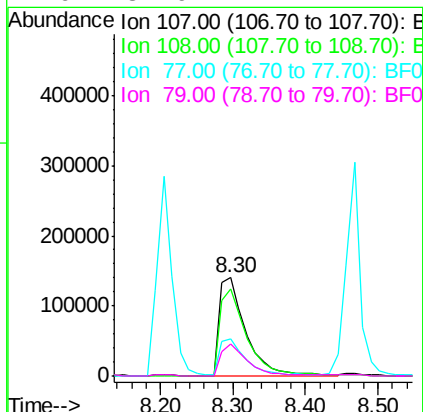
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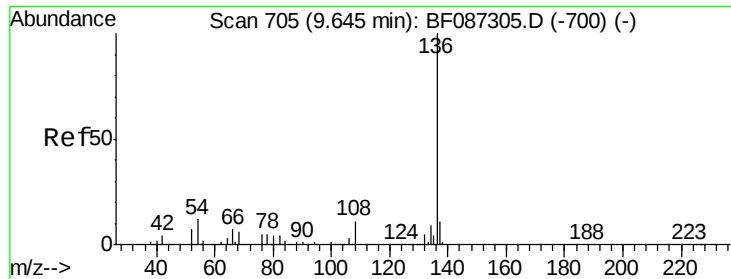
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#20
3+4-Methylphenols
Concen: 47.98 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.0	68.5	108.5		
77	37.3	101.6	141.6#		
79	32.9	7.4	47.4		





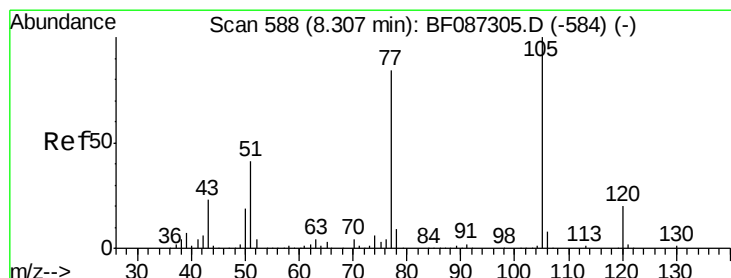
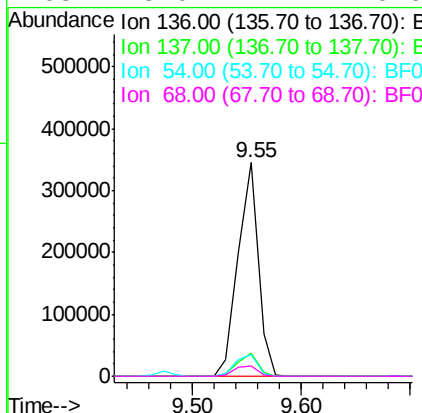
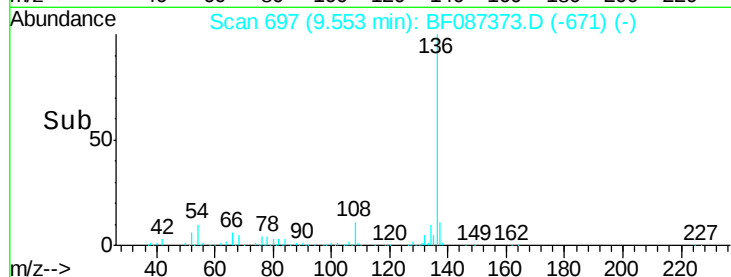
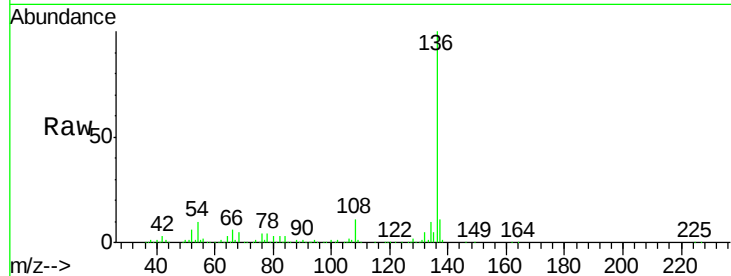
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	444359		
137	10.7	8.8	13.2	
54	10.4	5.0	7.4	
68	5.0	4.4	6.6	

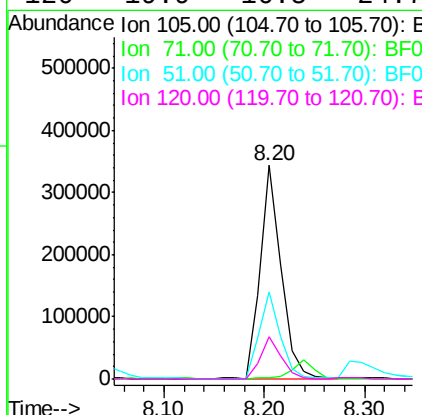
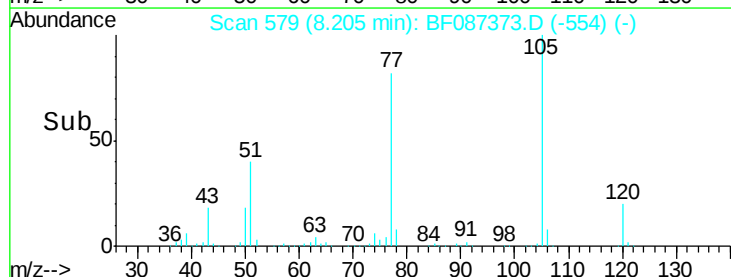
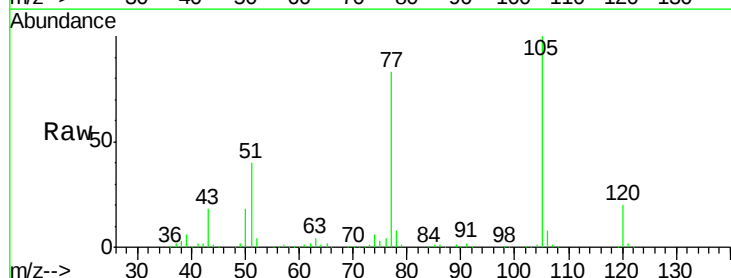
Manual Integrations
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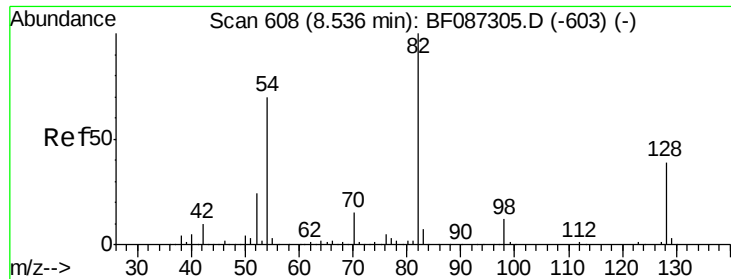
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#22
Acetophenone
Concen: 47.09 ng
RT: 8.20 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	499937		
71	0.4	4.8	7.2	
51	40.5	32.6	49.0	
120	19.9	16.5	24.7	





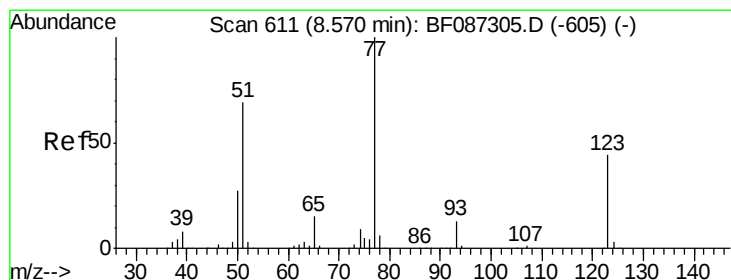
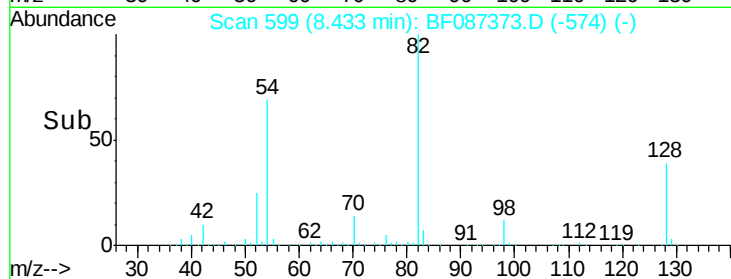
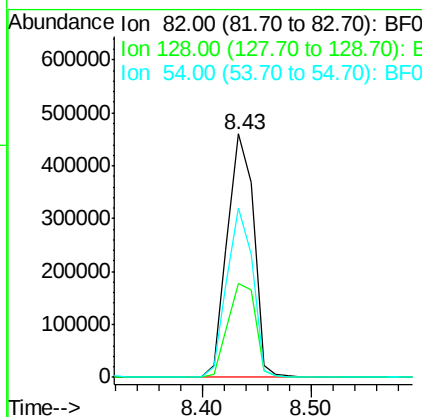
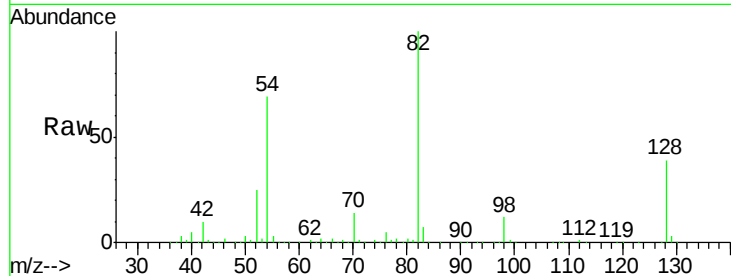
#23
 Nitrobenzene-d5
 Concen: 87.62 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	772579		
128	38.5	40.6	61.0#	
54	69.4	38.1	57.1#	

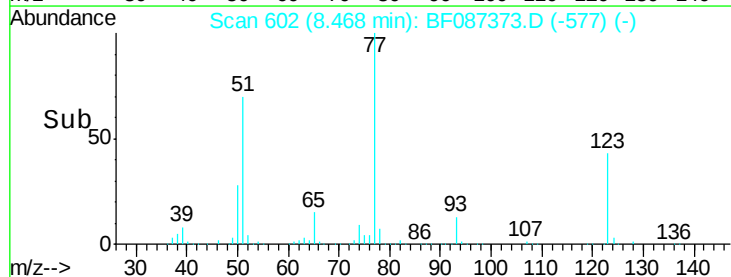
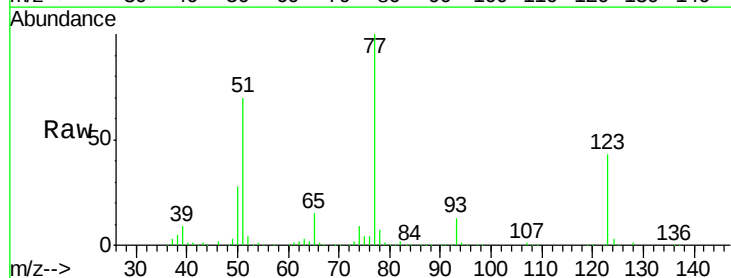
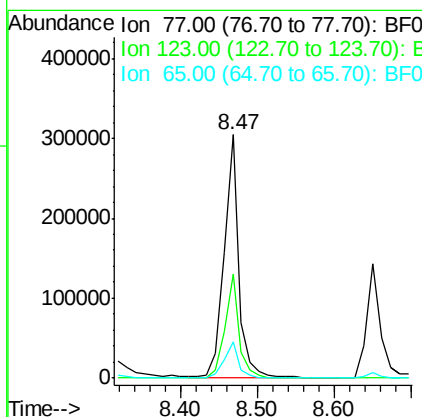
Manual Integrations
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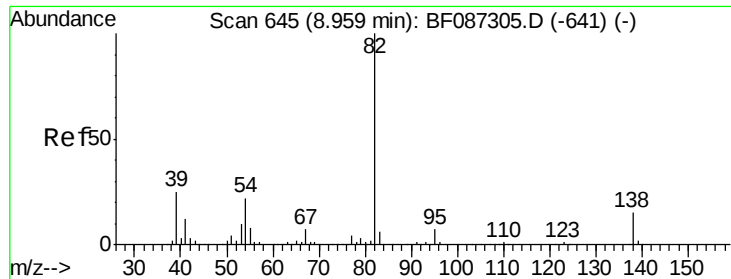
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#24
 Nitrobenzene
 Concen: 44.00 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	409487		
123	42.9	33.0	49.4	
65	15.1	10.8	16.2	





#25

Isophorone

Concen: 43.47 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

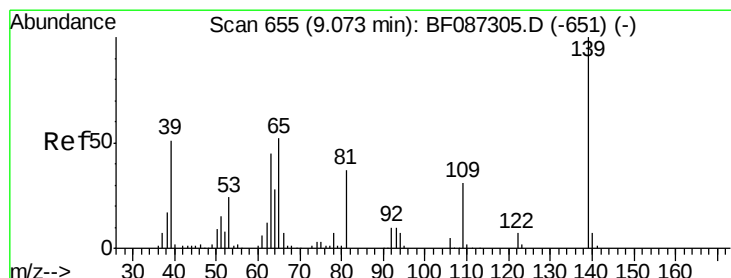
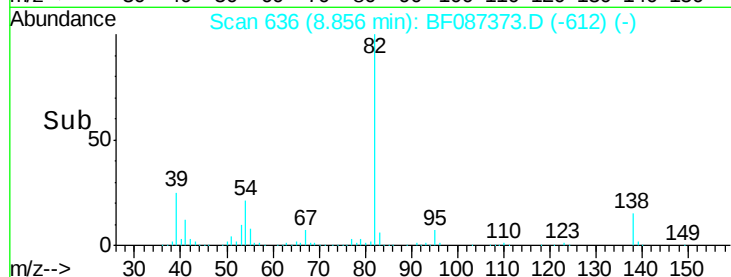
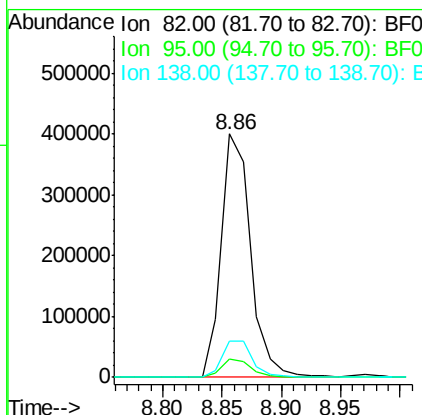
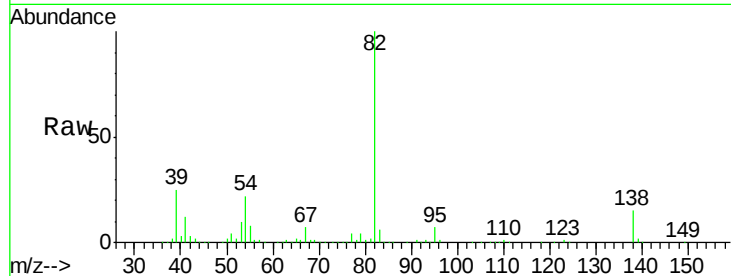
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	82	Resp:	687457
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.1	7.7
138	14.6	12.4	18.6

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#26

2-Nitrophenol

Concen: 45.88 ng

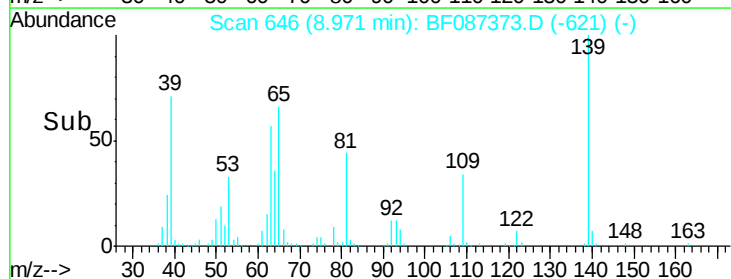
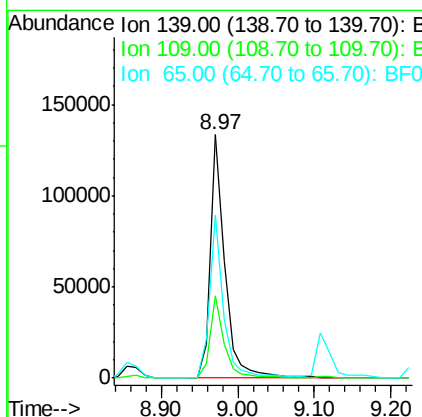
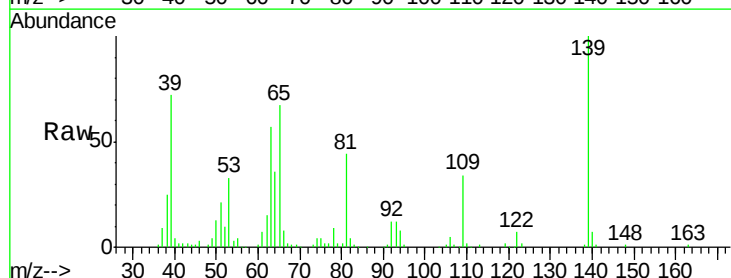
RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	139	Resp:	174537
Ion Ratio		Lower	Upper
139	100		
109	33.9	19.5	29.3#
65	66.8	37.5	56.3#





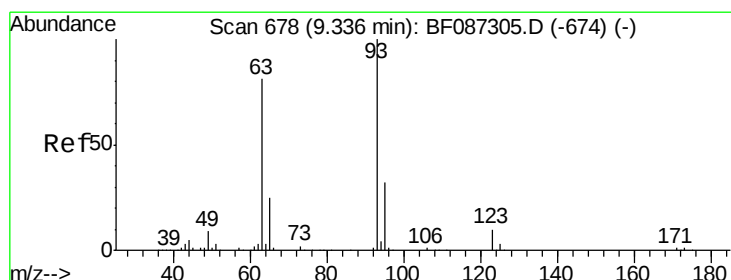
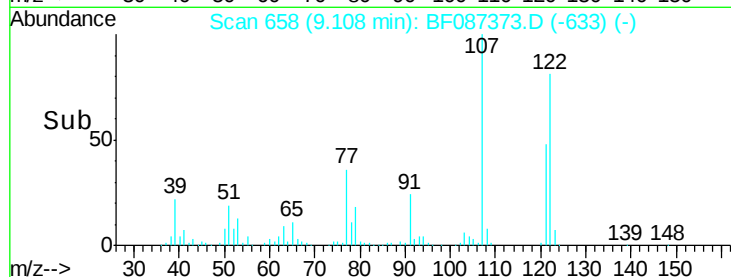
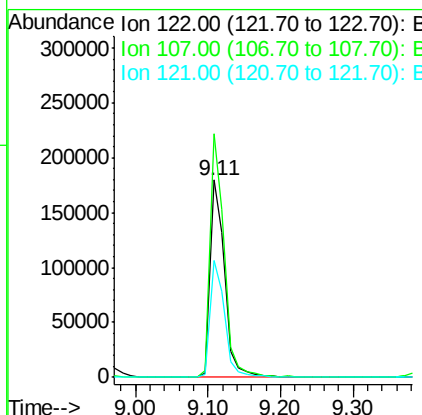
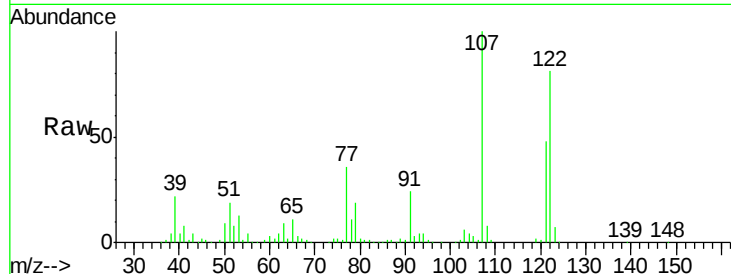
#27
 2,4-Dimethylphenol
 Concen: 37.42 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	247136		
107	123.5	82.0	123.0#	
121	59.6	46.1	69.1	

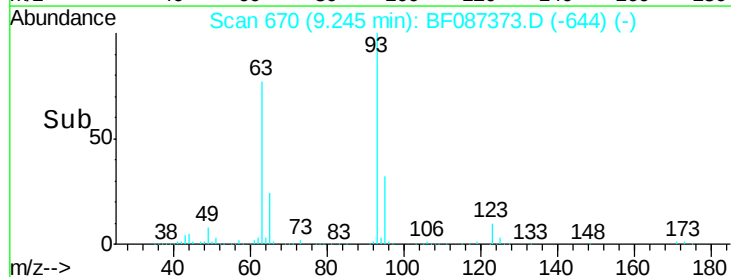
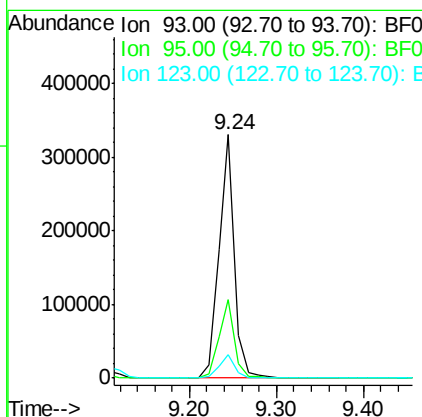
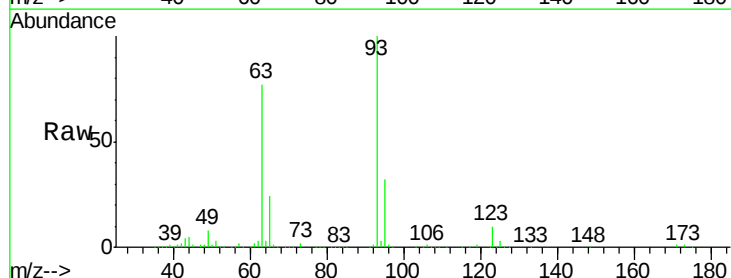
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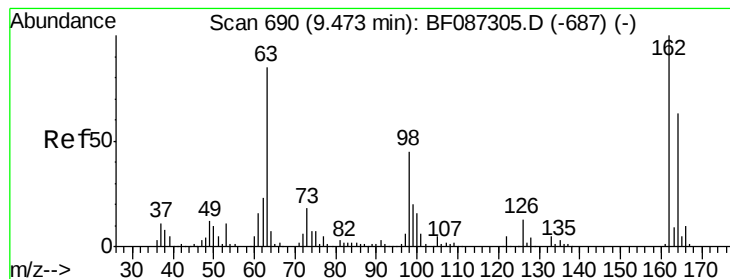
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.17 ng
 RT: 9.24 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	411209		
95	32.5	26.0	39.0	
123	9.9	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 46.81 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

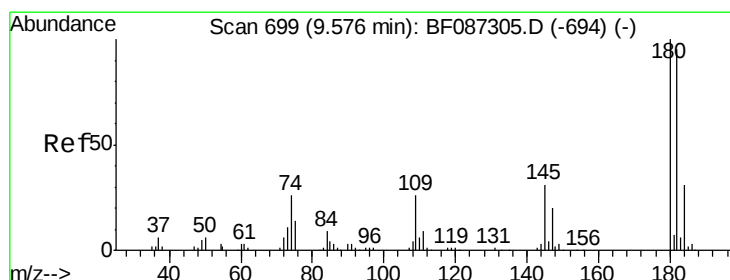
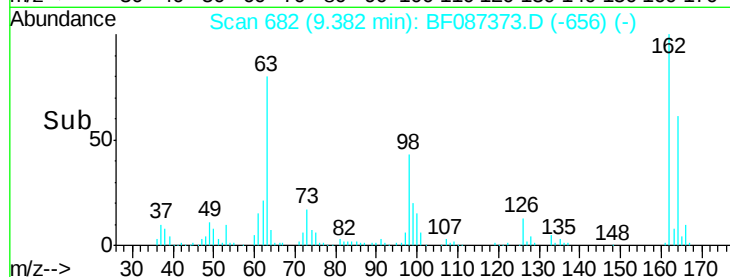
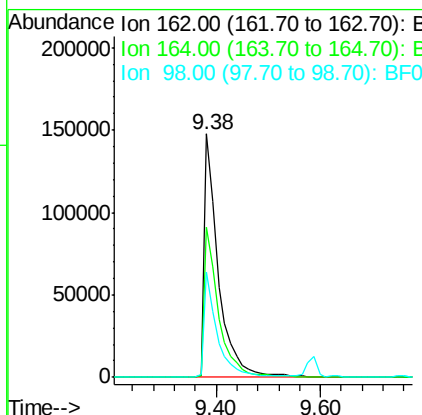
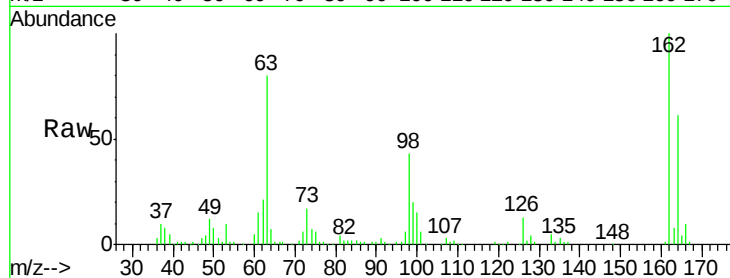
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	162	Resp:	278578
Ion Ratio		Lower	Upper
162	100		
164	61.5	42.2	82.2
98	43.5	19.0	59.0

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#30

1,2,4-Trichlorobenzene

Concen: 42.17 ng

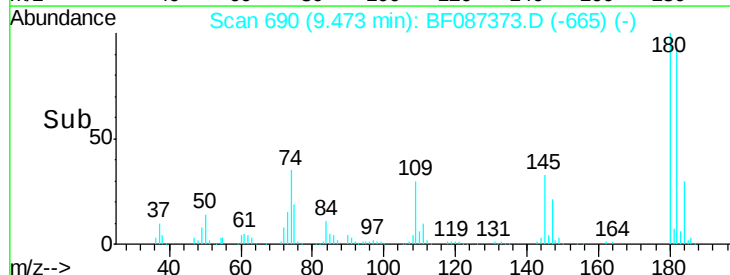
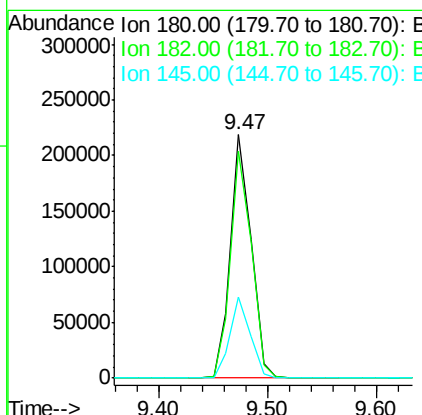
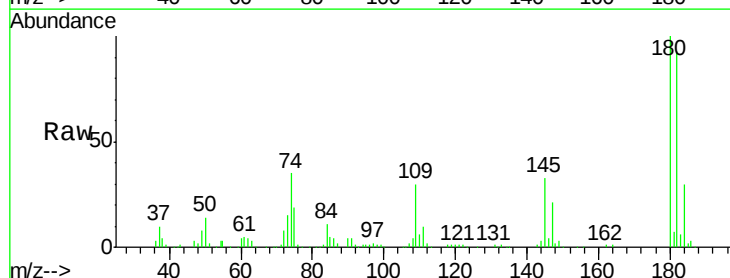
RT: 9.47 min Scan# 690

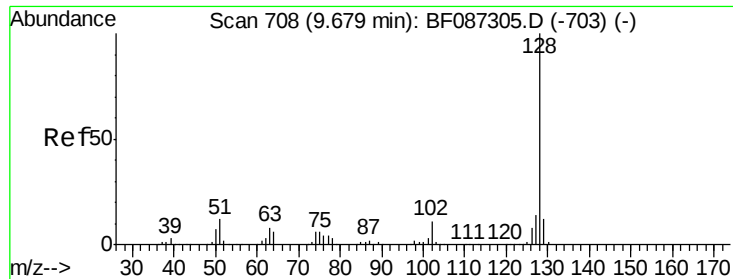
Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	180	Resp:	287300
Ion Ratio		Lower	Upper
180	100		
182	93.1	78.0	117.0
145	33.2	24.2	36.2





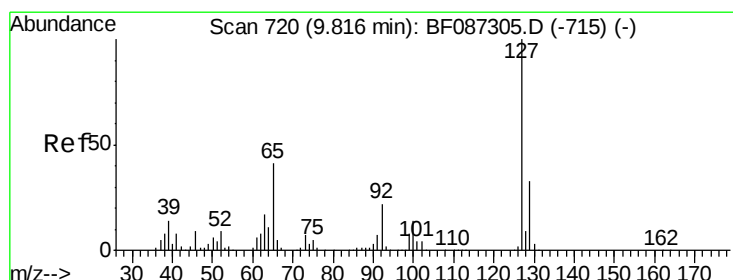
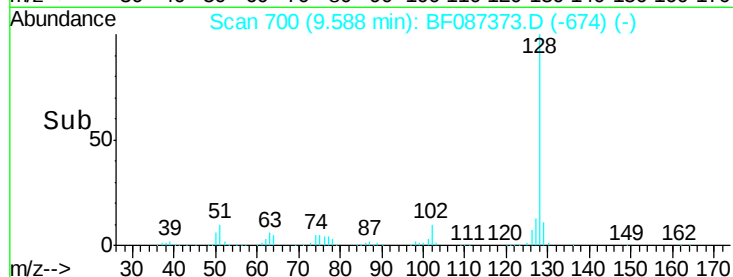
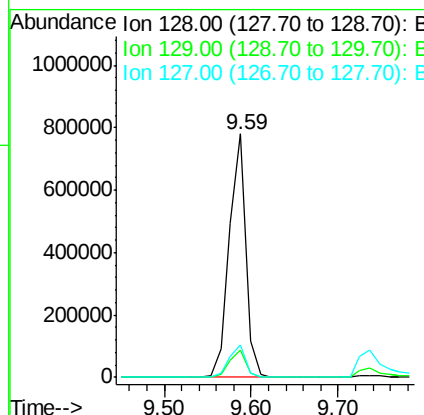
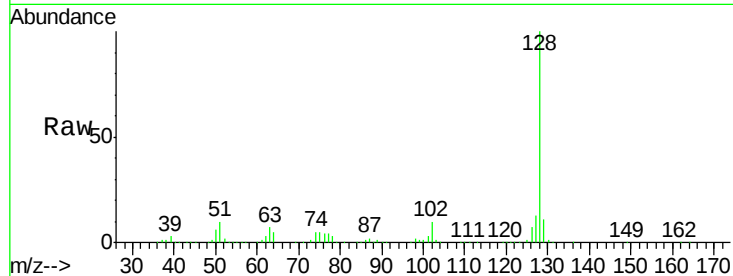
#31
Naphthalene
Concen: 46.49 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.3	10.8	16.2

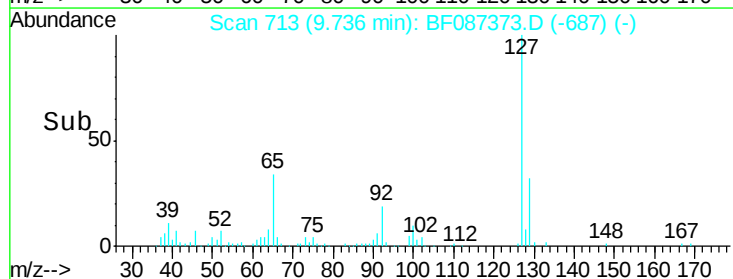
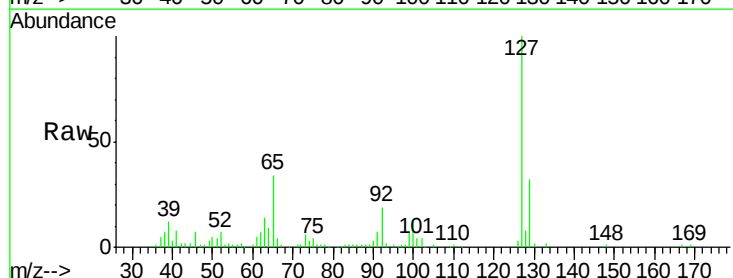
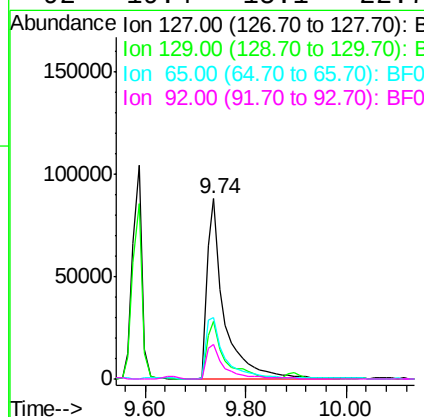
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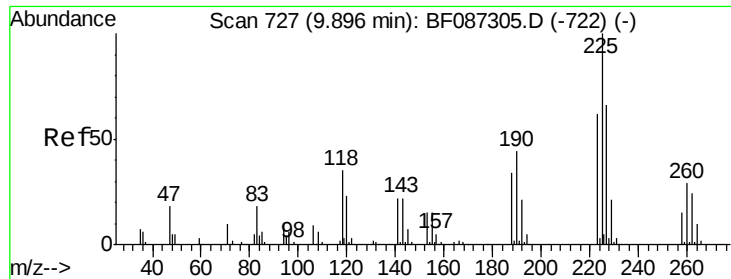
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#33
4-Chloroaniline
Concen: 25.33 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	34.2	23.0	34.4
92	19.4	15.1	22.7





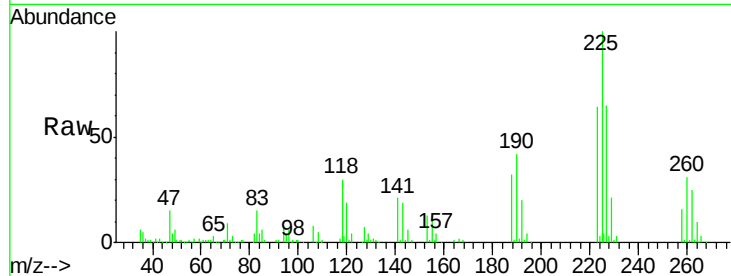
#34
Hexachlorobutadiene
Concen: 38.75 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	160495		
223	64.0		51.5	77.3
227	65.3		52.2	78.2

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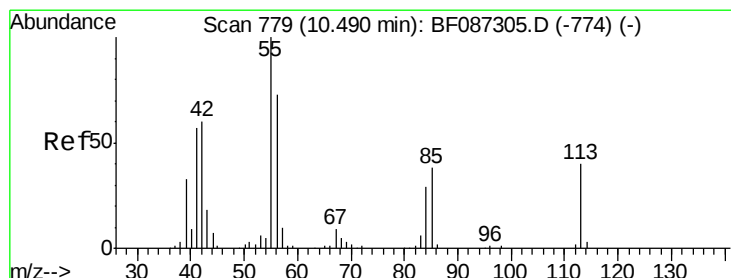
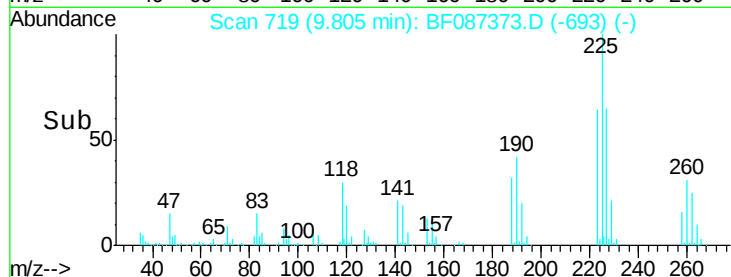
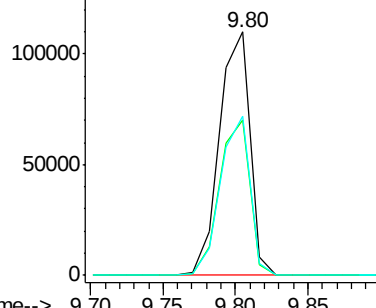


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 50.15 ng m
RT: 10.34 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

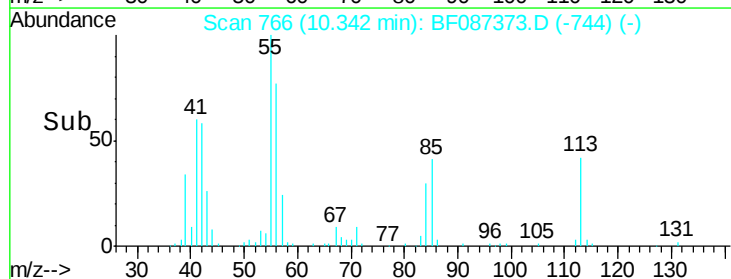
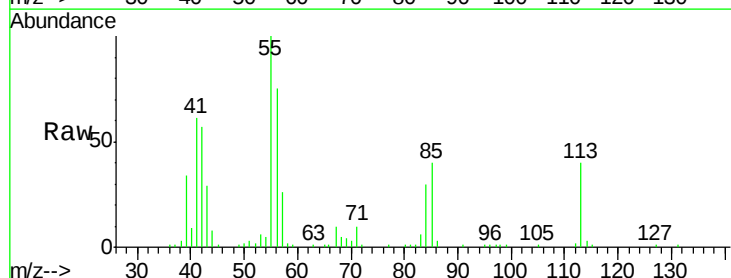
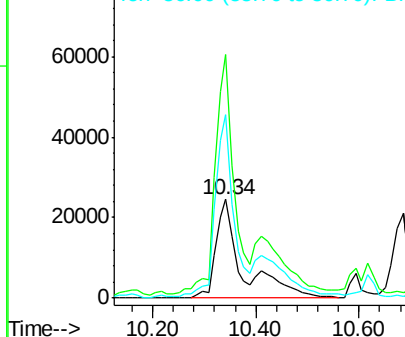
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	87120		
55	247.0		162.0	202.0#
56	185.7		115.3	155.3#

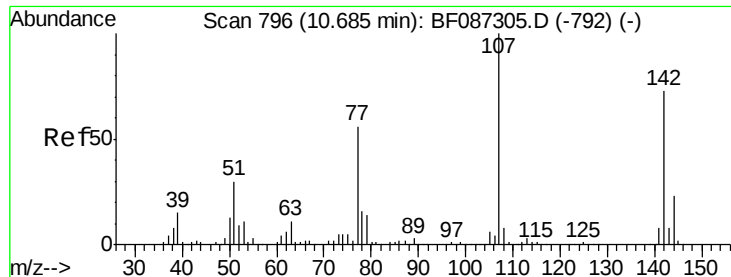
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





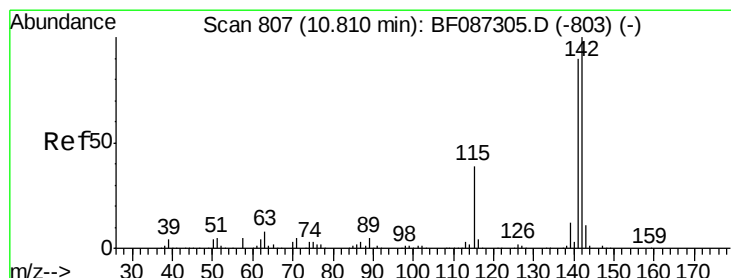
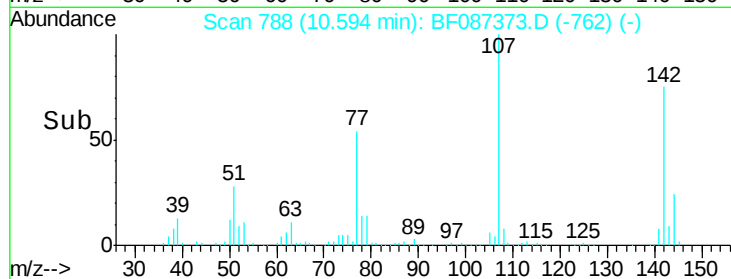
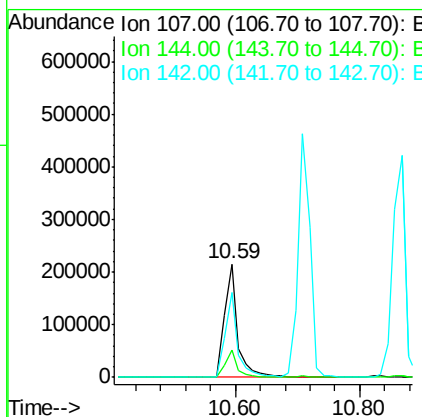
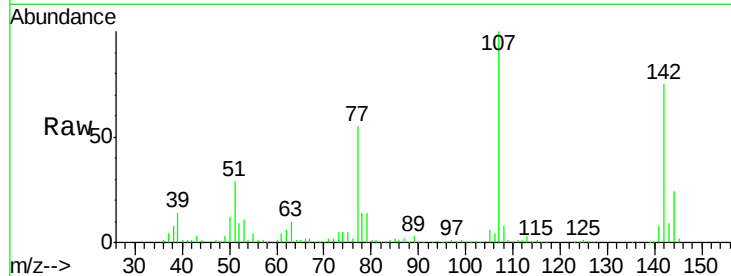
#36
 4-Chloro-3-methylphenol
 Concen: 46.20 ng
 RT: 10.59 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	310896		
144	23.5	20.7	31.1	
142	75.1	63.2	94.8	

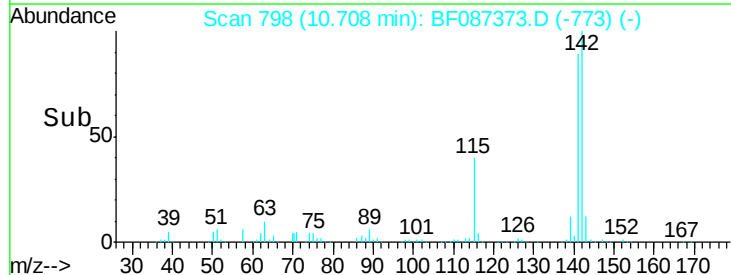
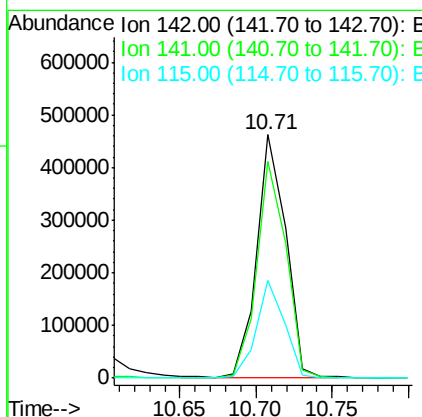
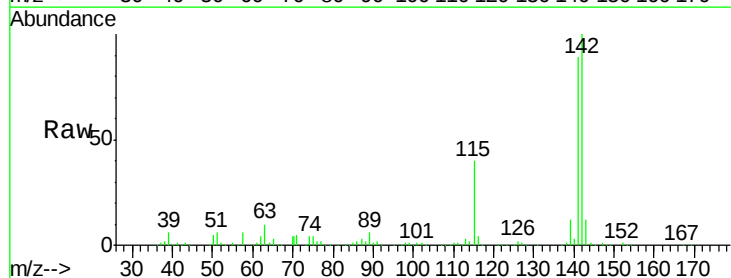
Manual Integrations
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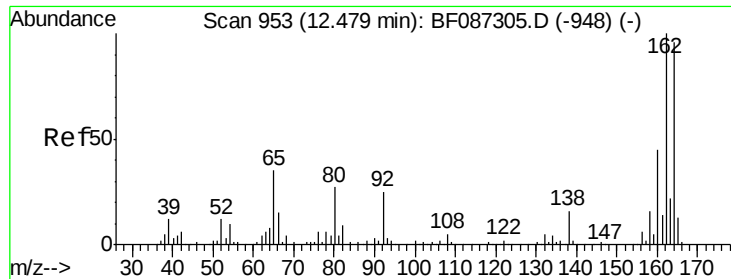
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#37
 2-Methylnaphthalene
 Concen: 44.77 ng m
 RT: 10.71 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	622724		
141	89.3	71.0	106.6	
115	40.3	26.6	39.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF087373.D

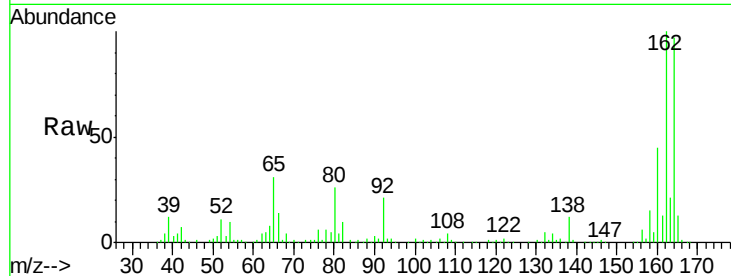
Acq: 25 May 2016 15:36

Instrument :

BNA_F

ClientSampleId :

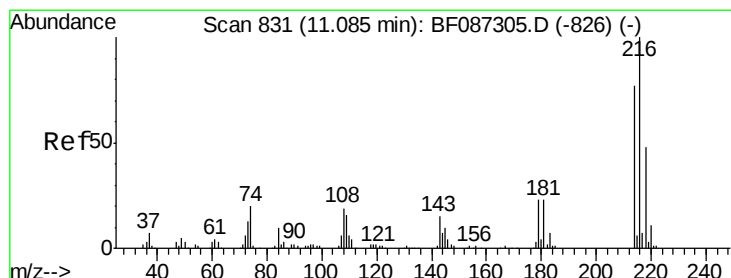
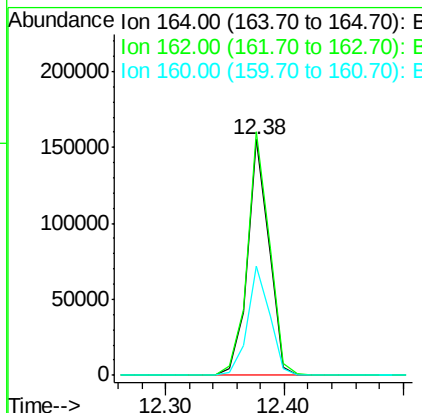
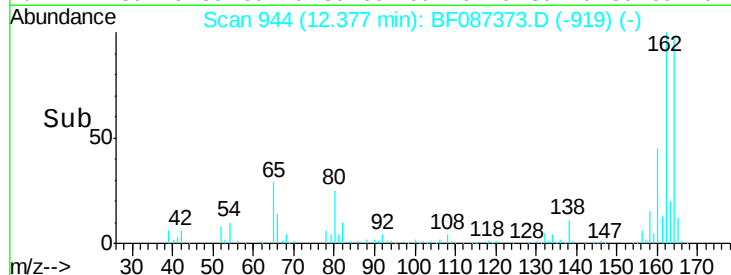
E-3(6.5-7)MSD



Tot Ion	164	Resp	197160
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.8	124.2
160	46.3	36.9	55.3

Manual Integrations
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.92 ng

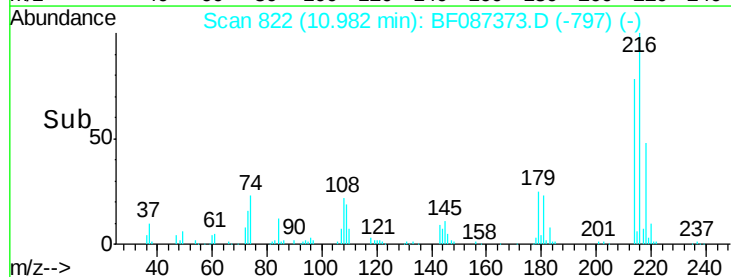
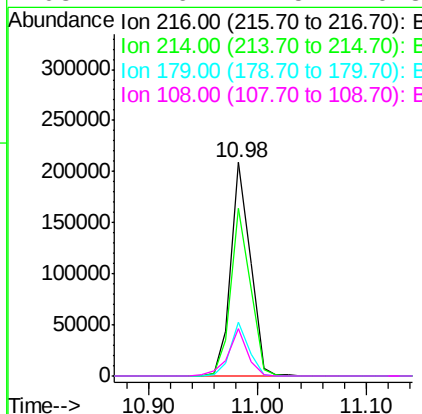
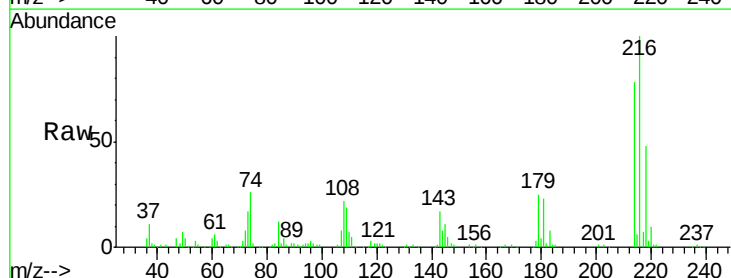
RT: 10.98 min Scan# 822

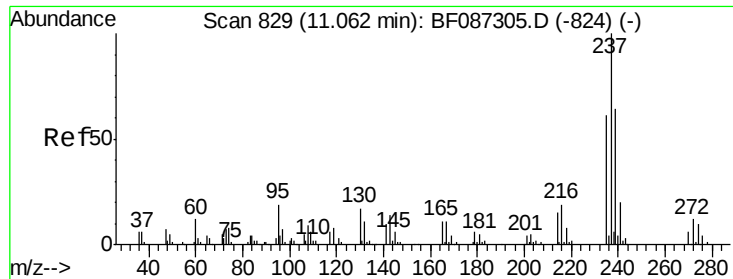
Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion	216	Resp	258248
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.6	93.8
179	23.8	18.2	27.4
108	22.6	17.5	26.3





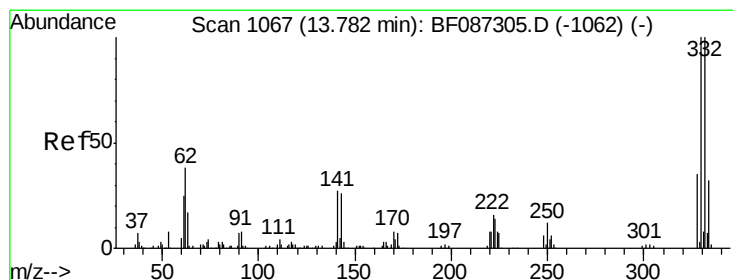
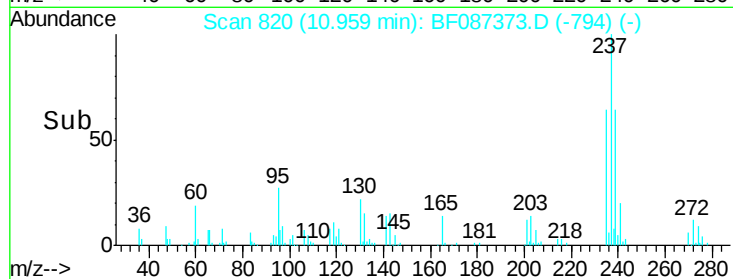
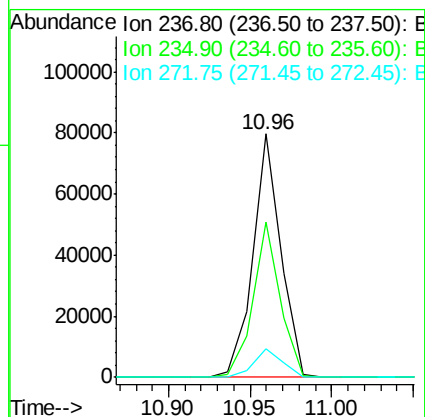
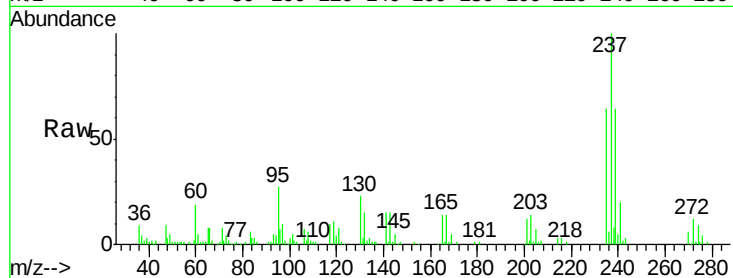
#40
Hexachlorocyclopentadiene
Concen: 41.74 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	47.2	87.2
272	11.6	0.0	31.1

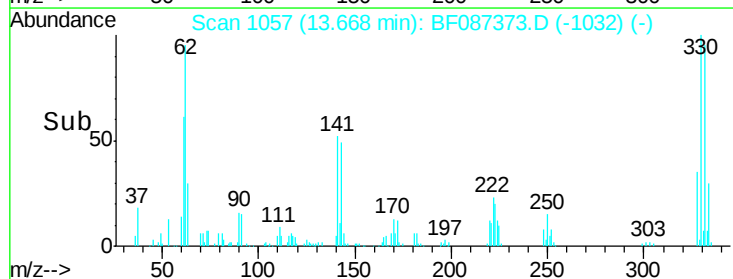
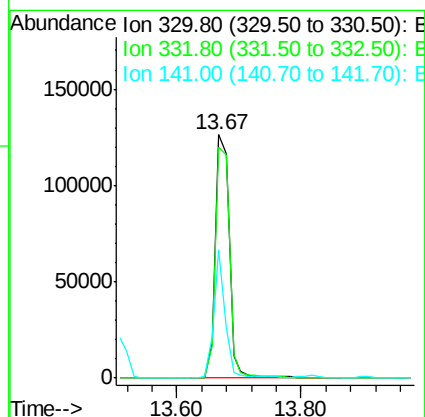
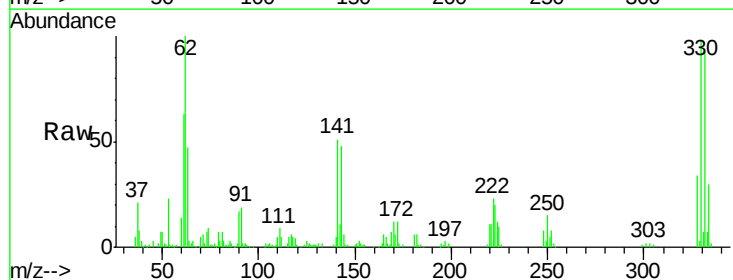
Manual Integrations
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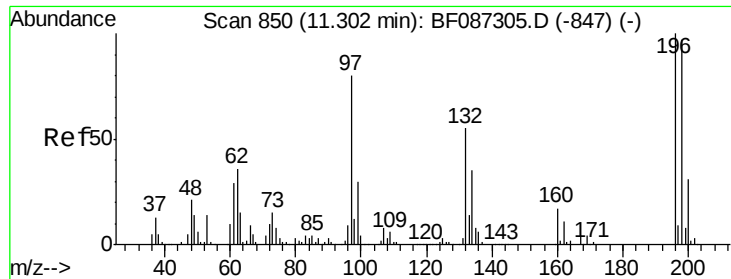
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#41
2,4,6-Tribromophenol
Concen: 103.50 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	79.0	118.4
141	43.7	31.2	46.8





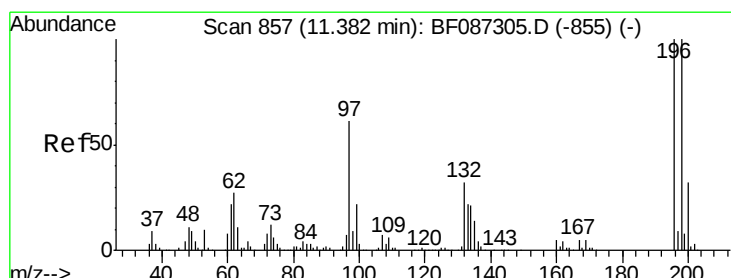
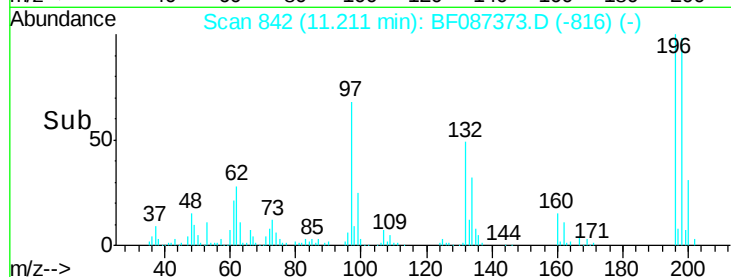
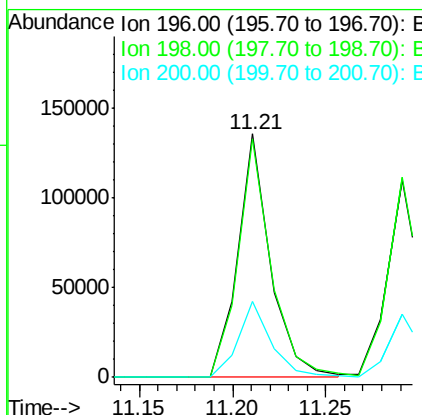
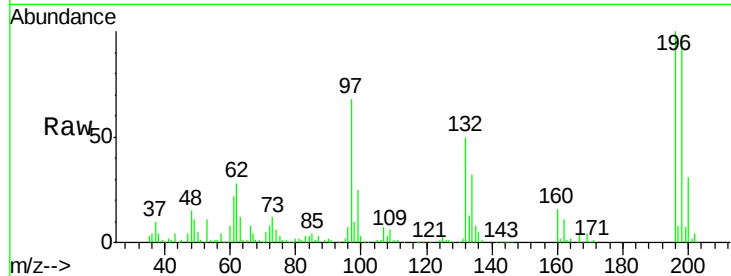
#42
 2,4,6-Trichlorophenol
 Concen: 45.64 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	166265		
198	98.0	74.7	112.1	
200	30.9	23.8	35.6	

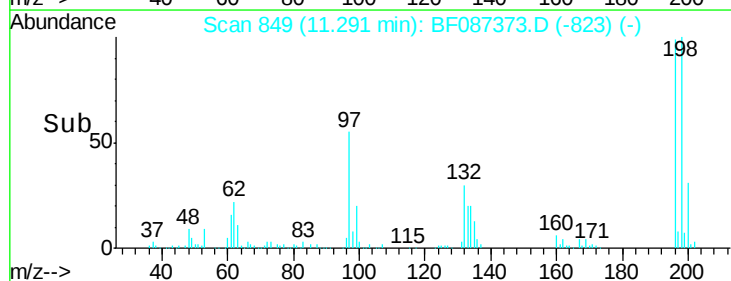
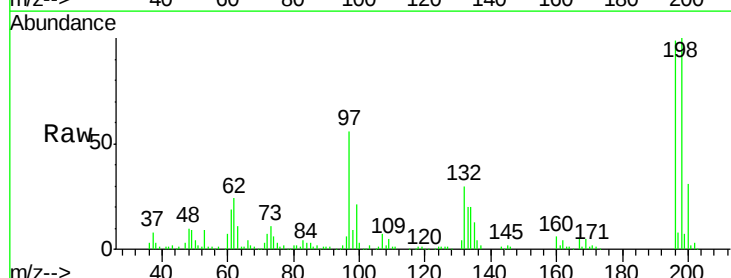
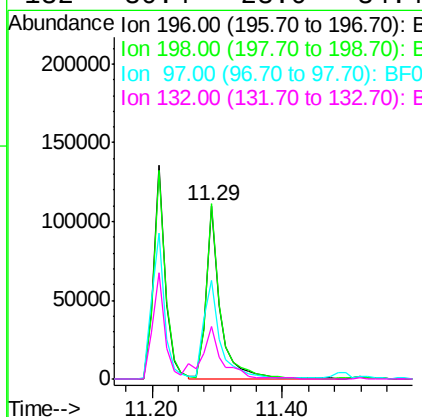
Manual Integrations
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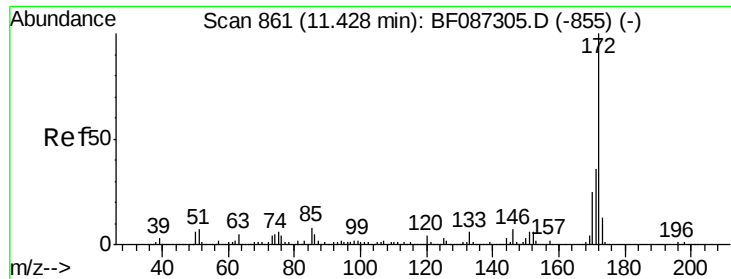
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#43
 2,4,5-Trichlorophenol
 Concen: 44.98 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166876		
198	101.2	77.5	116.3	
97	57.1	34.8	52.2	
132	30.4	23.0	34.4	





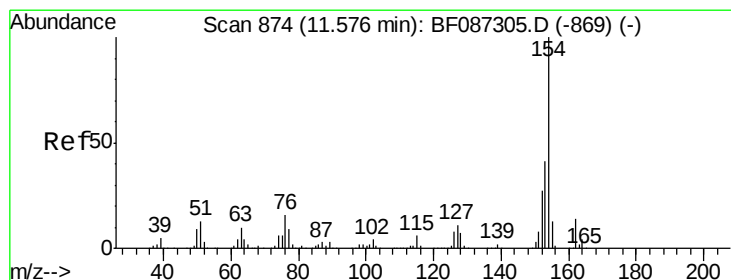
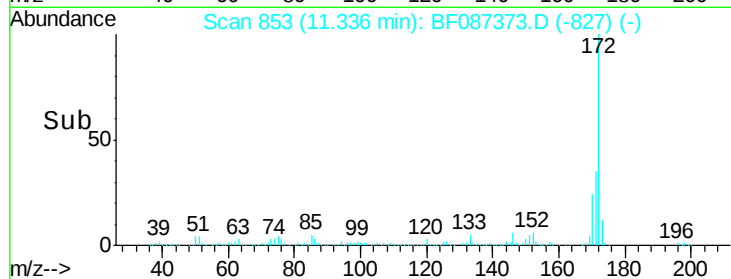
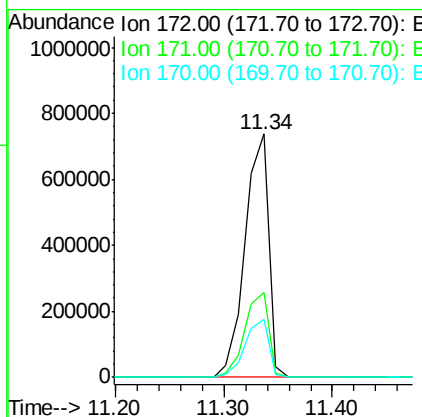
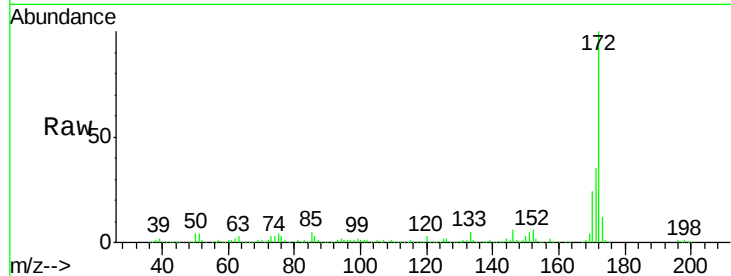
#44
2-Fluorobiphenyl
Concen: 79.60 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	23.9	19.8	29.8

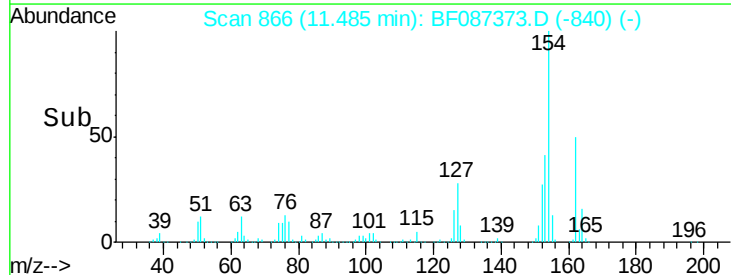
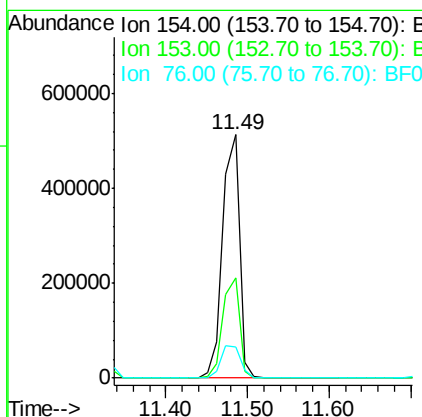
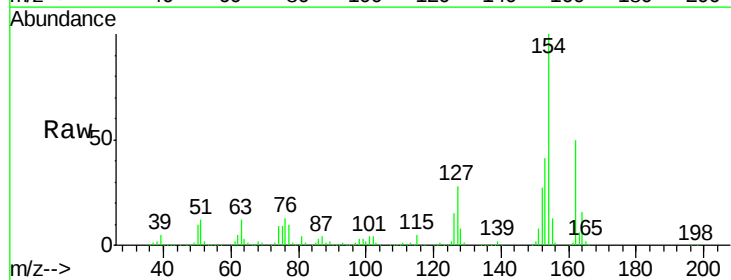
Manual Integrations
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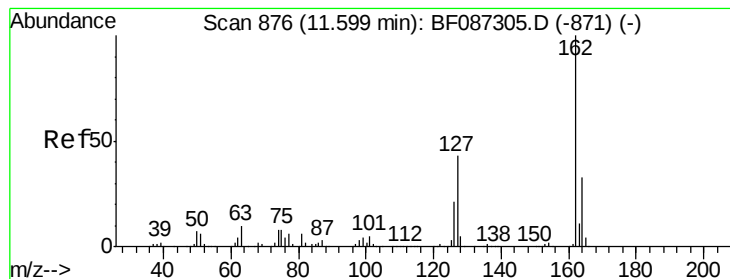
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#45
1,1'-Biphenyl
Concen: 44.29 ng
RT: 11.49 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.3	60.3
76	12.8	0.0	30.2





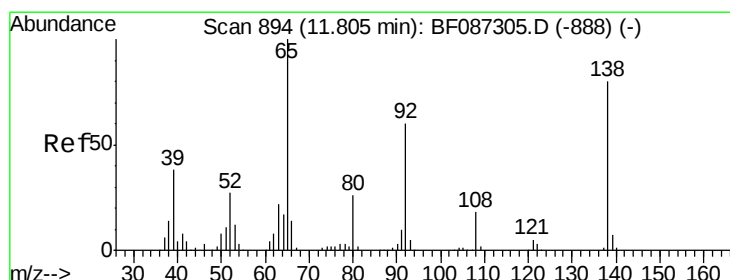
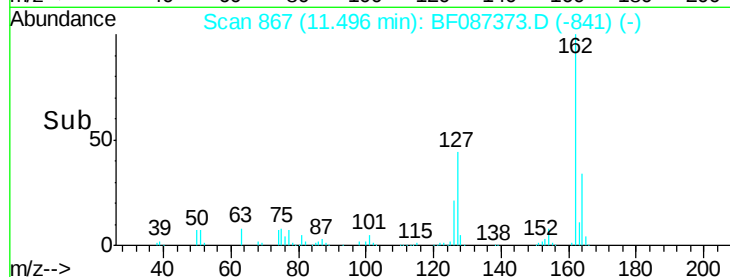
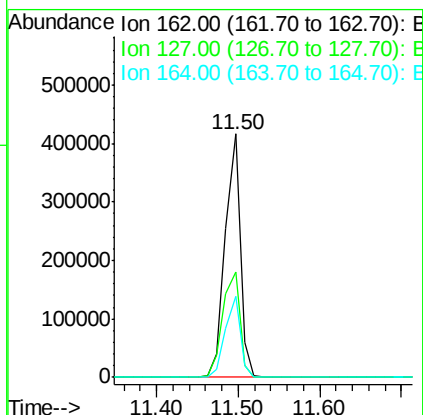
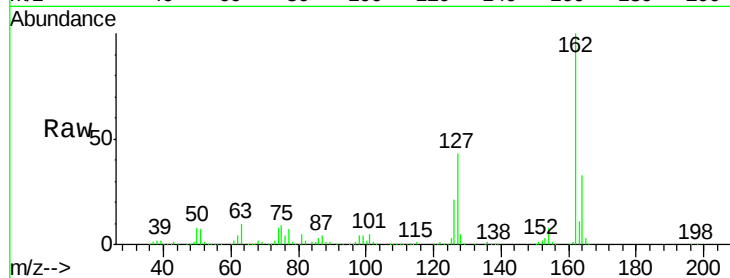
#46
2-Chloronaphthalene
Concen: 42.34 ng
RT: 11.50 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampled :
E-3(6.5-7)MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	43.3	31.8	47.6
164	33.4	27.0	40.6

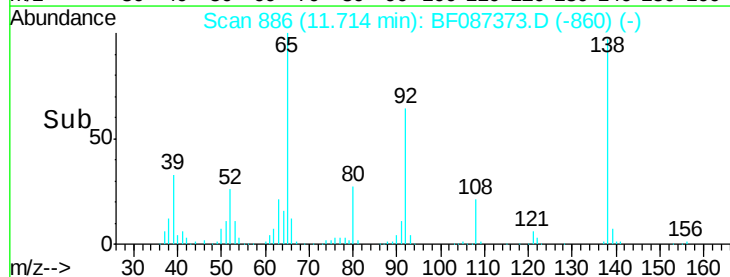
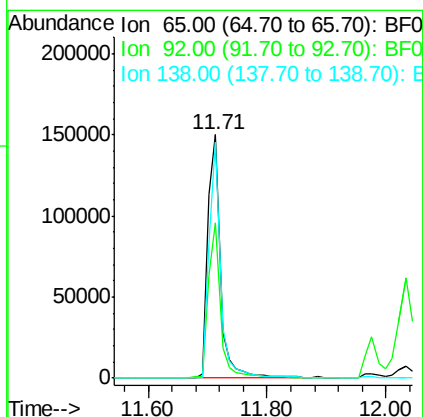
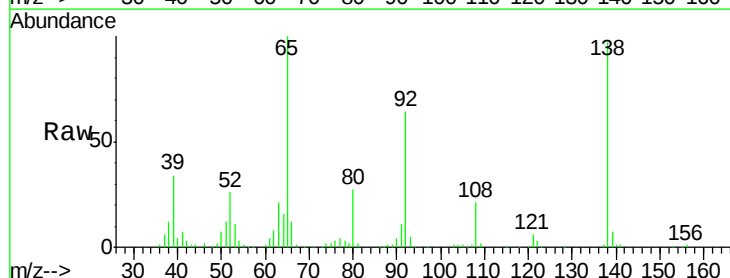
Manual Integrations
APPROVED

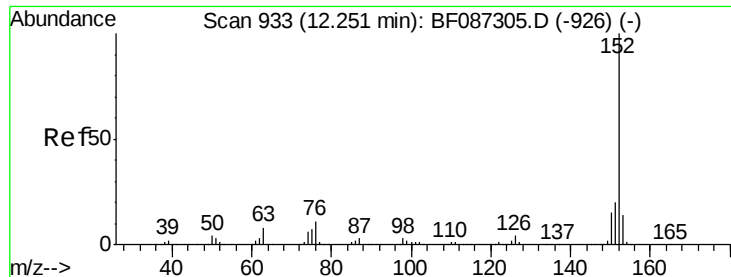
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#47
2-Nitroaniline
Concen: 49.58 ng
RT: 11.71 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	63.8	57.4	86.2
138	97.0	90.1	135.1





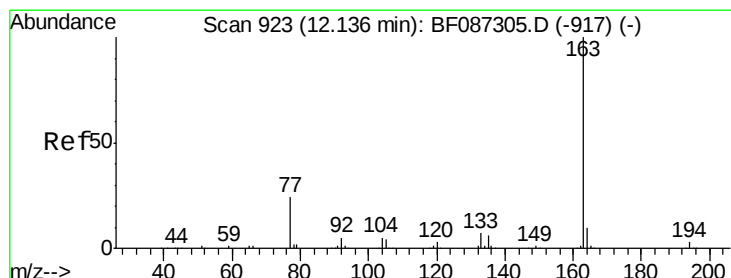
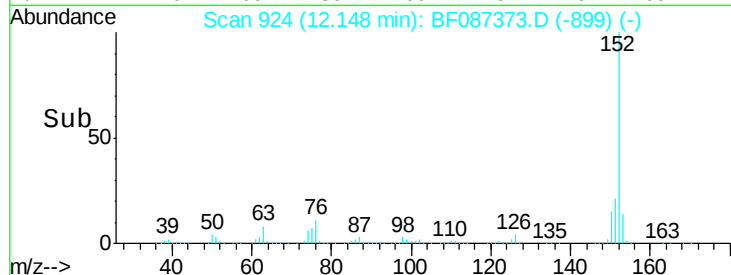
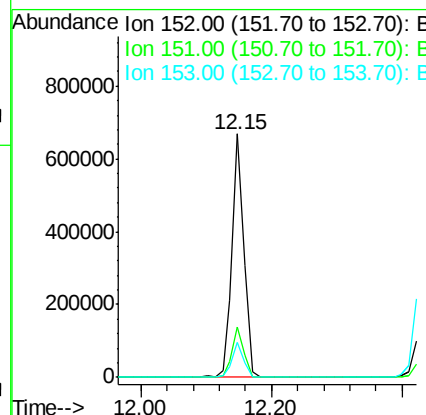
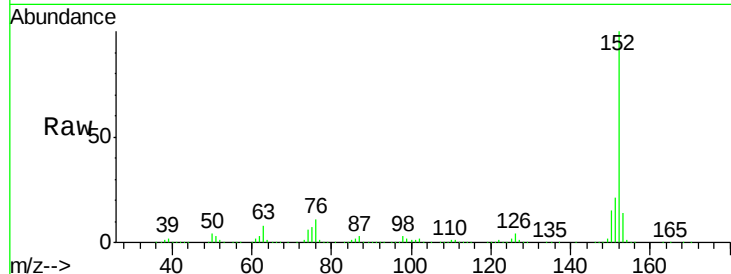
#48
Acenaphthylene
Concen: 42.34 ng
RT: 12.15 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	14.2	10.9	16.3

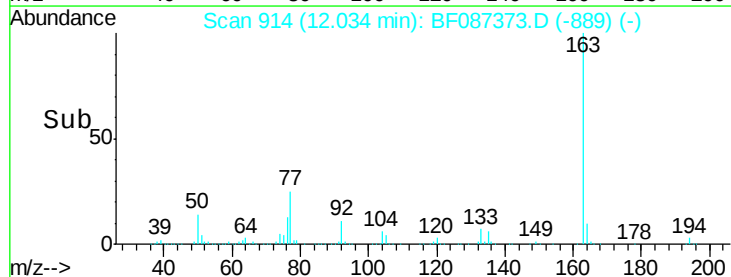
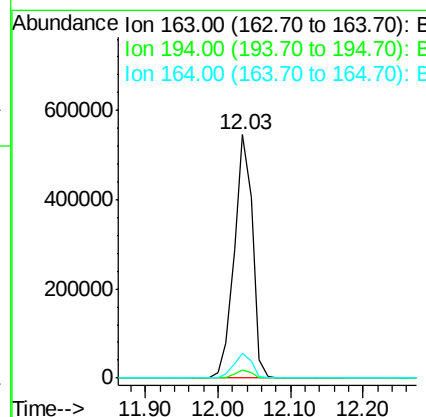
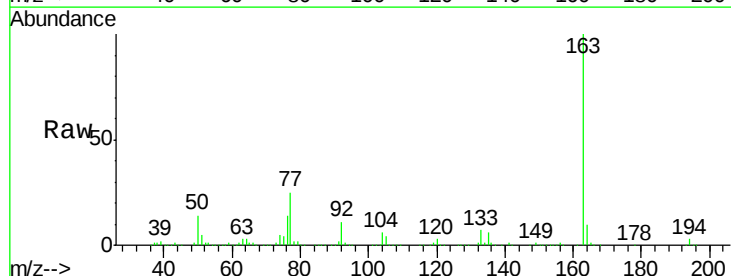
Manual Integrations
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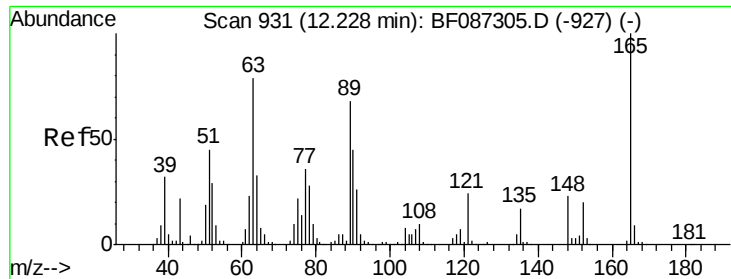
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#49
Dimethylphthalate
Concen: 60.07 ng
RT: 12.03 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.2	12.4





#50

2,6-Dinitrotoluene

Concen: 44.11 ng

RT: 12.13 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

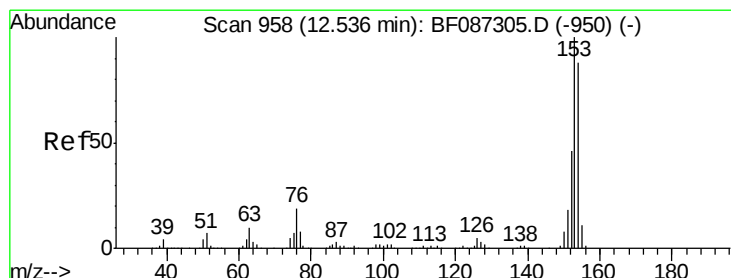
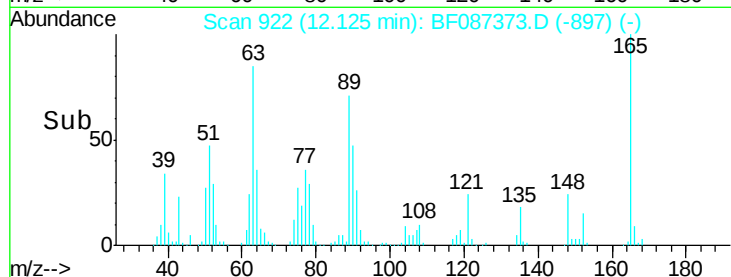
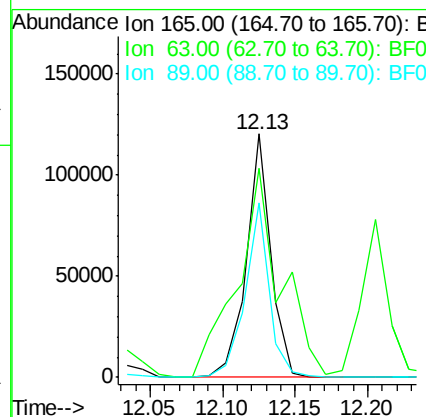
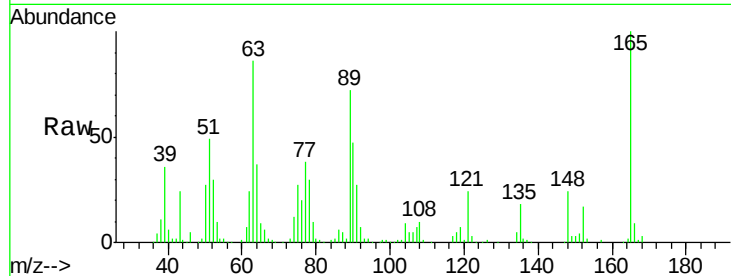
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	165	Resp:	140364
Ion Ratio	Lower	Upper	
165	100		
63	85.9	51.8	77.8#
89	71.5	50.7	76.1

Manual Integrations
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#51

Acenaphthene

Concen: 44.38 ng

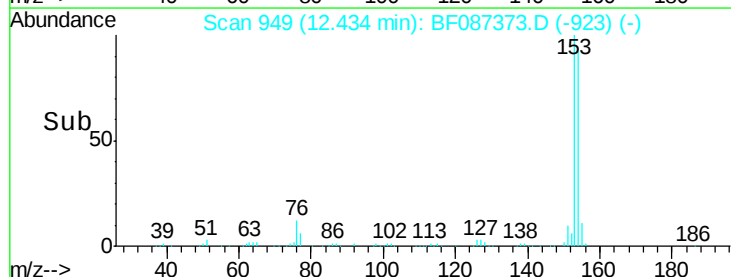
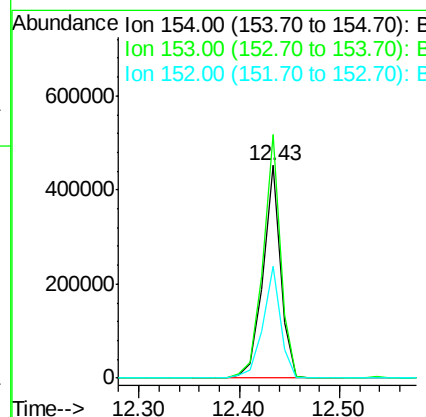
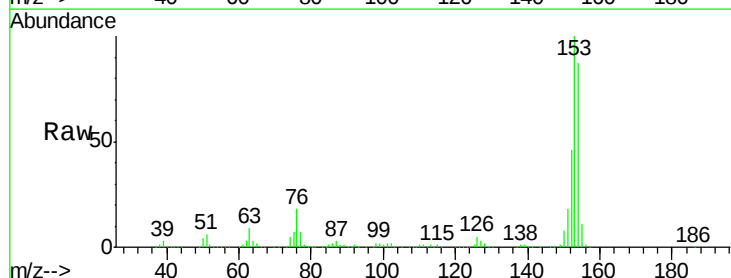
RT: 12.43 min Scan# 949

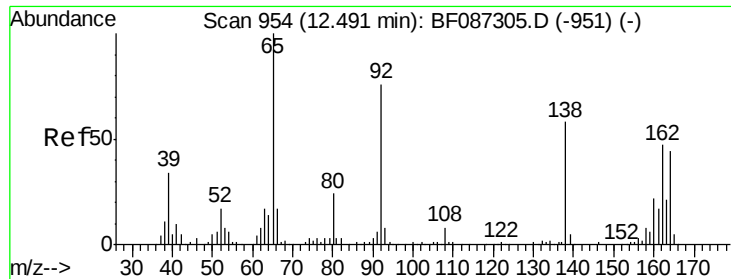
Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	154	Resp:	548382
Ion Ratio	Lower	Upper	
154	100		
153	114.5	89.8	134.6
152	52.7	43.4	65.0





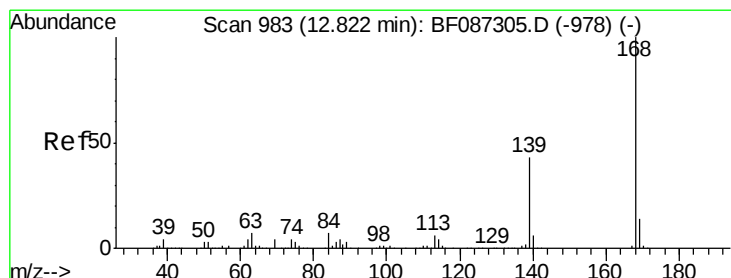
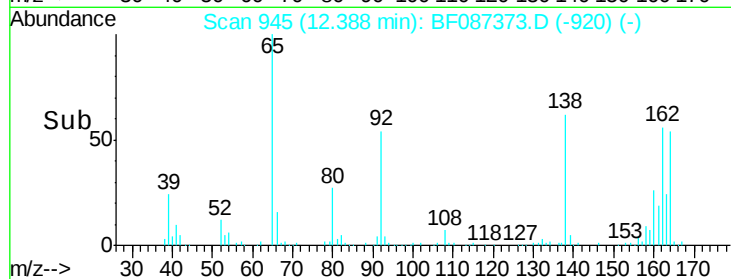
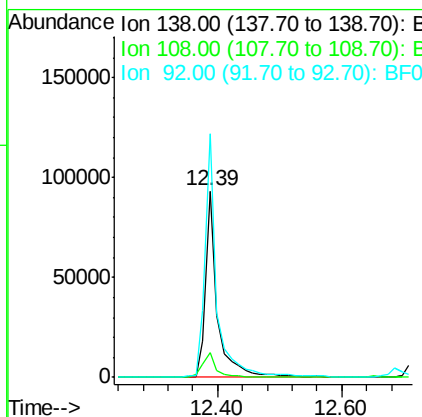
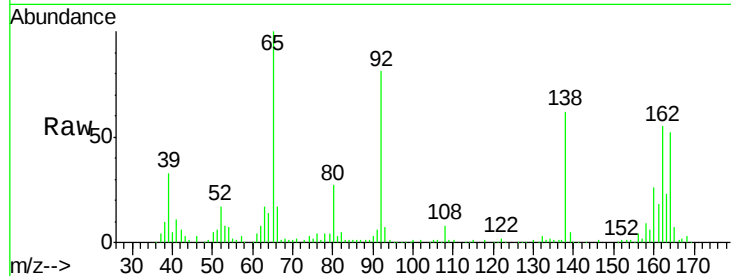
#52
3-Nitroaniline
Concen: 38.32 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.1	7.8	11.6
92	130.5	87.8	131.8

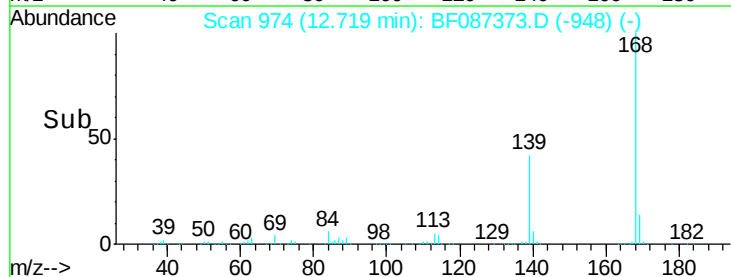
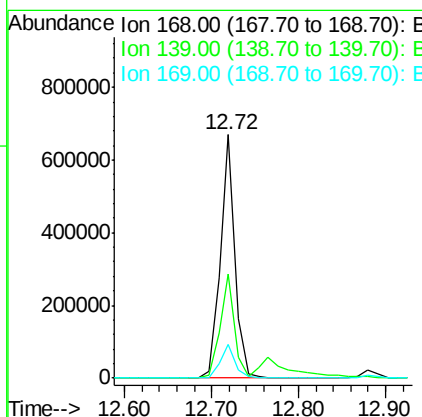
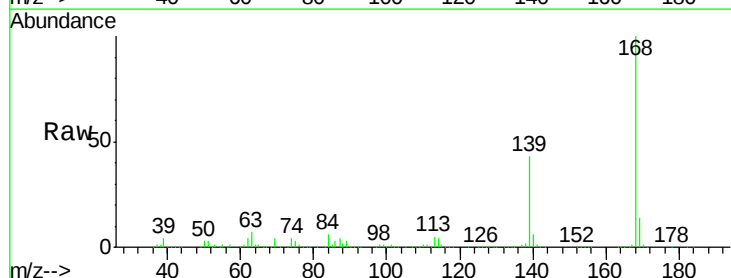
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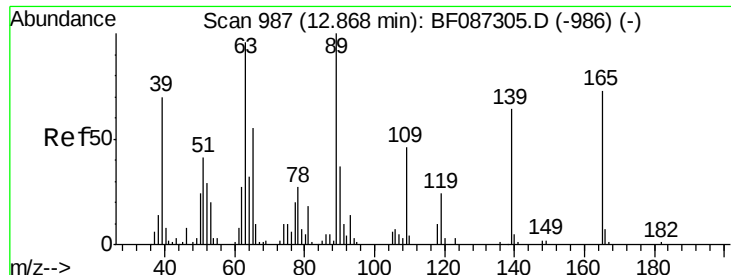
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#54
Dibenzofuran
Concen: 47.39 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.7	31.4	47.0
169	13.8	10.7	16.1





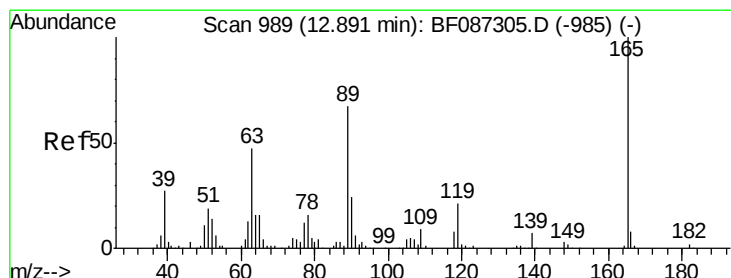
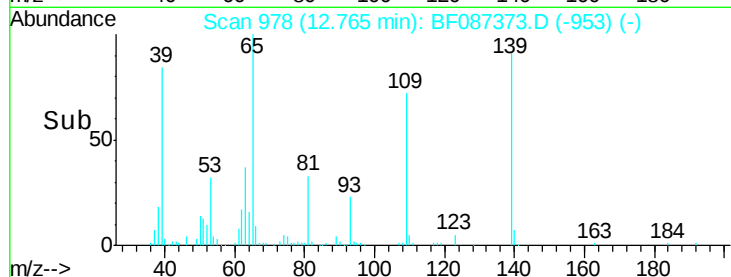
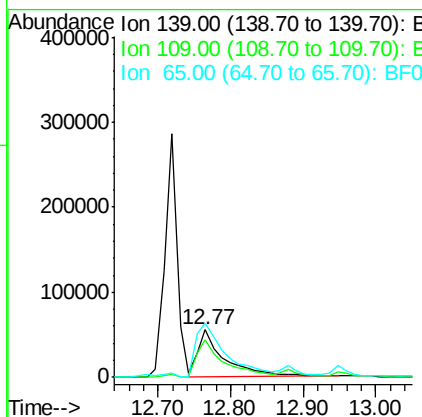
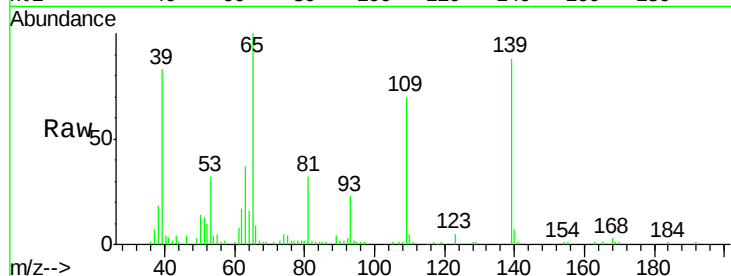
#55
4-Nitrophenol
Concen: 91.44 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	142468		
109	79.0	36.9	76.9#	
65	113.6	64.0	104.0#	

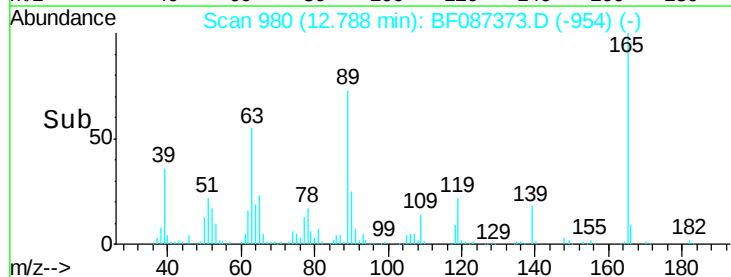
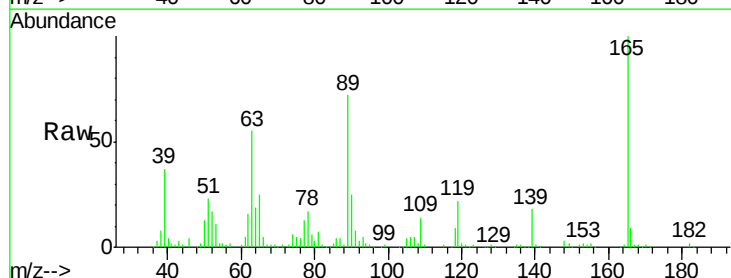
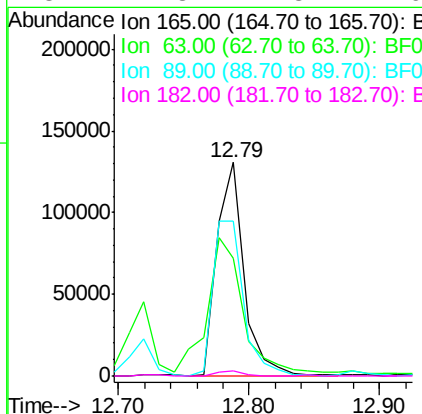
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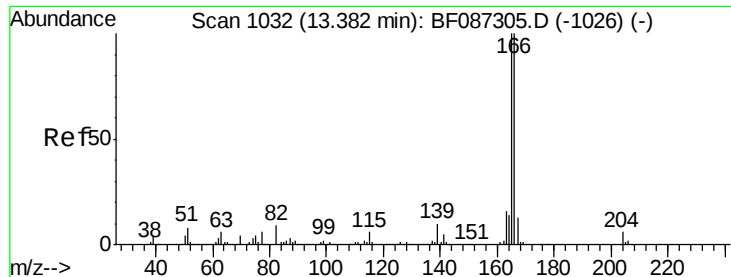
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#56
2,4-Dinitrotoluene
Concen: 44.08 ng
RT: 12.79 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187508		
63	55.2	44.3	66.5	
89	72.5	70.0	105.0	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 44.67 ng

RT: 13.27 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

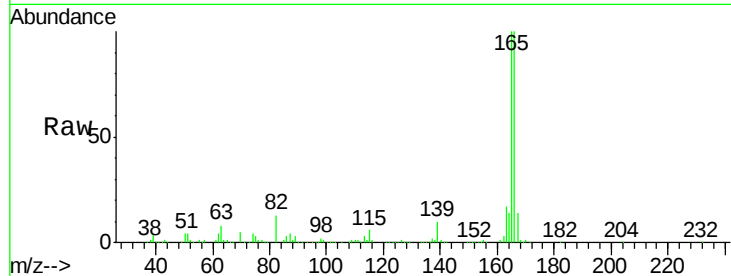
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	166	Resp:	648157
Ion Ratio		Lower	Upper
166	100		
165	99.9	79.0	118.6
167	13.6	10.6	15.8

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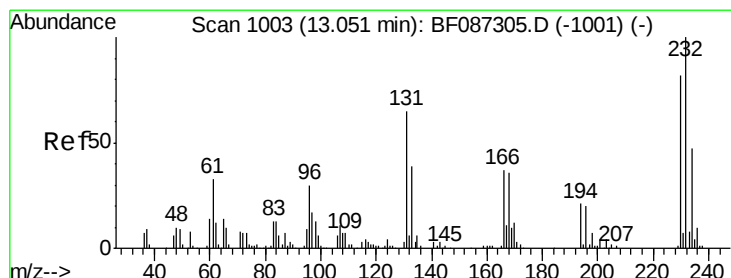
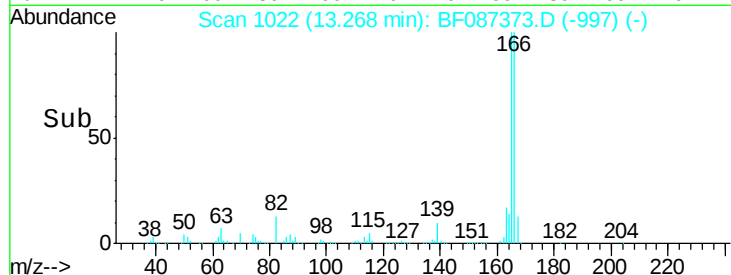
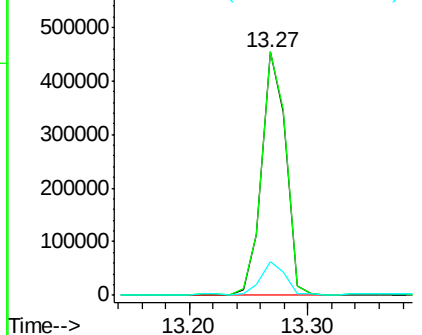


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.58 ng

RT: 12.96 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	232	Resp:	130066
Ion Ratio		Lower	Upper
232	100		
131	53.2	41.9	62.9
130	3.0	2.2	3.4
166	34.7	26.8	40.2

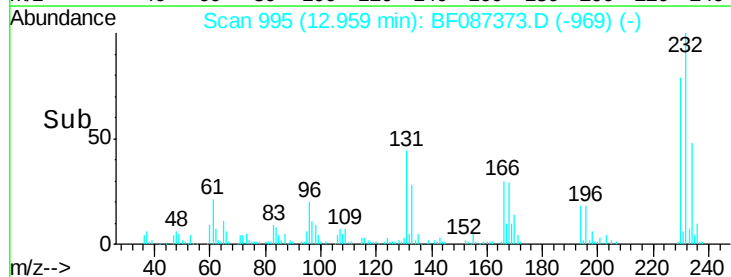
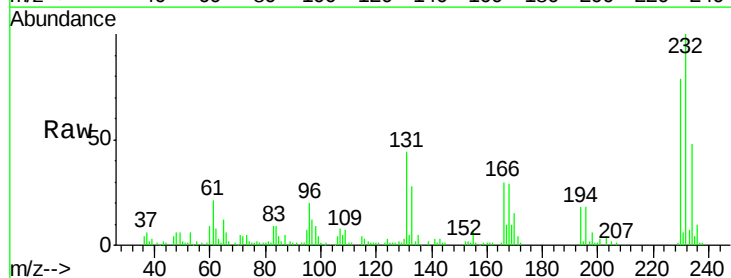
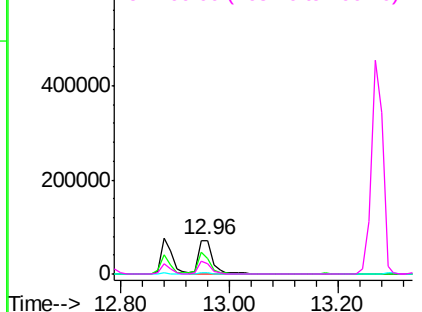
Abundance

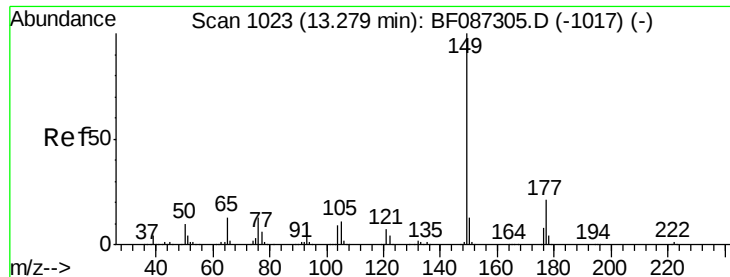
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





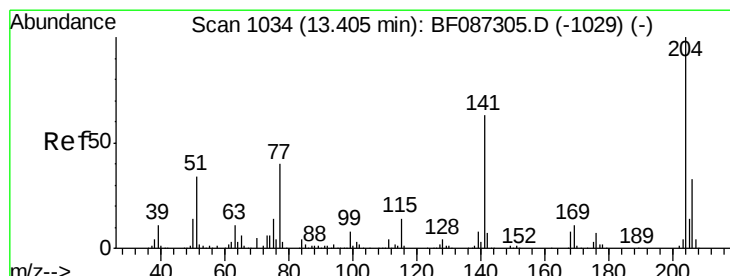
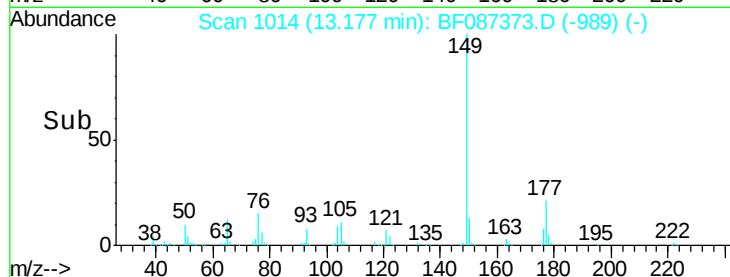
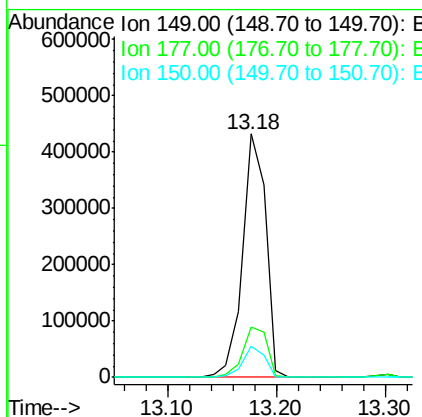
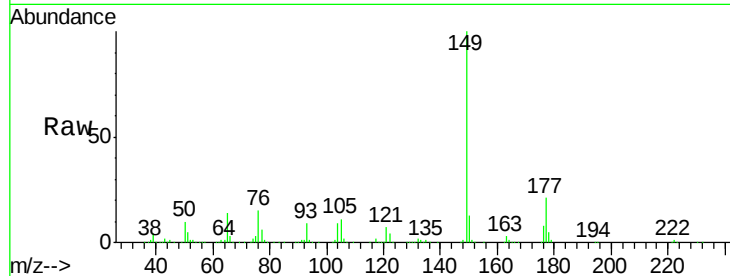
#59
Diethylphthalate
Concen: 41.46 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	636643		
177	20.7	16.6	24.8	
150	12.8	10.0	15.0	

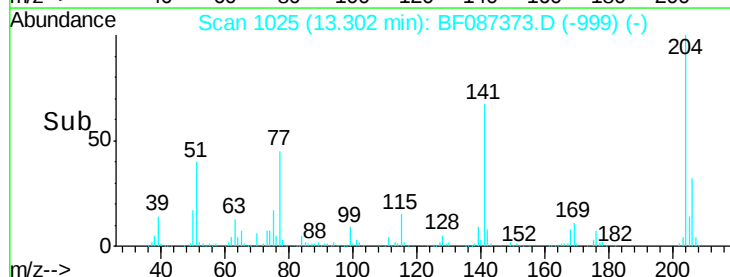
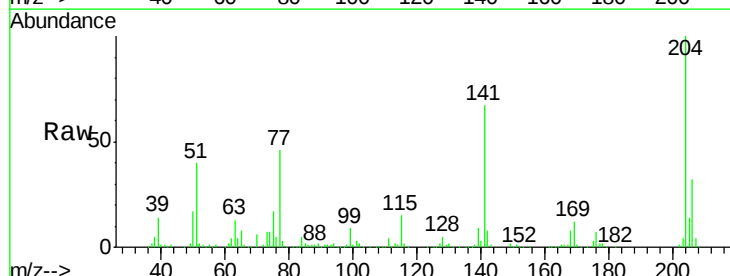
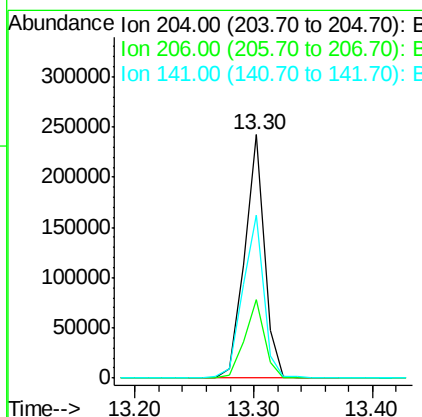
Manual Integrations
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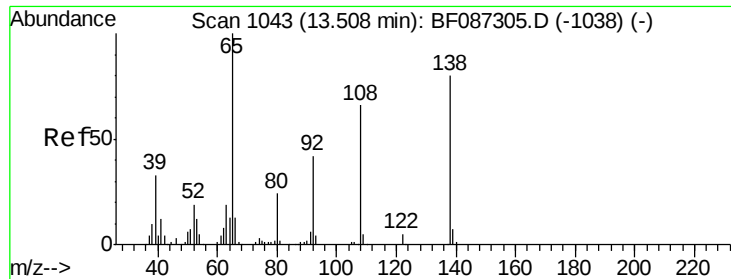
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#60
4-Chlorophenyl-phenylether
Concen: 40.18 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	284285		
206	32.2	25.4	38.0	
141	66.9	61.6	92.4	





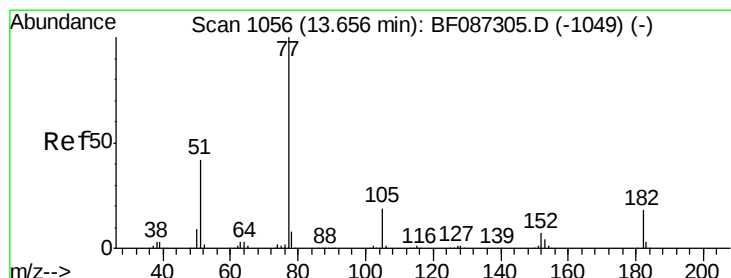
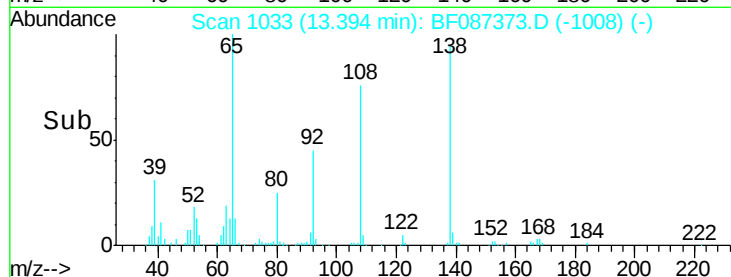
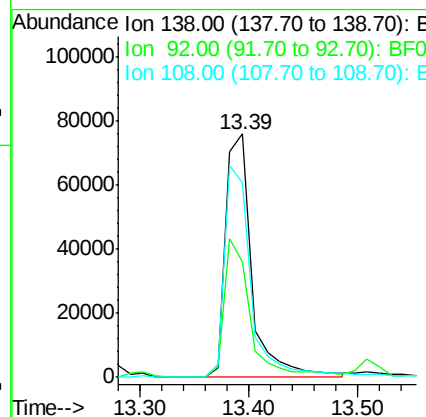
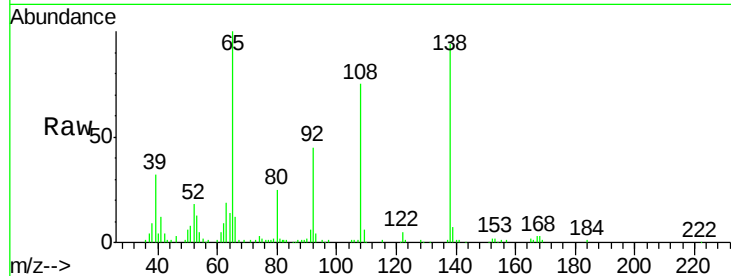
#61
4-Nitroaniline
Concen: 42.02 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampled :
E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	24.7	64.7
108	80.0	37.4	77.4

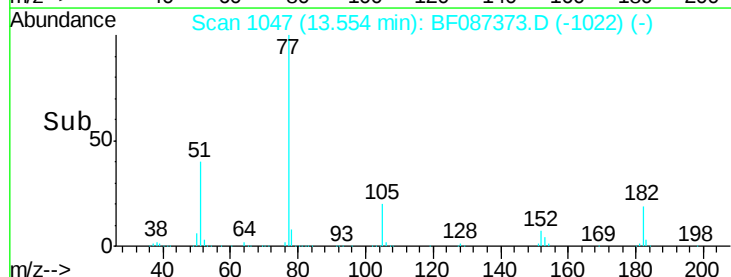
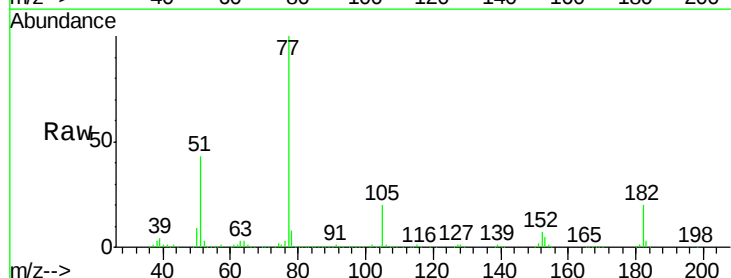
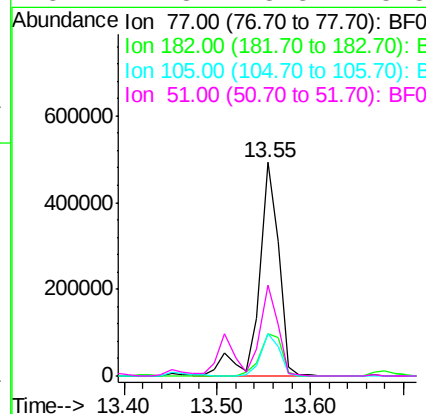
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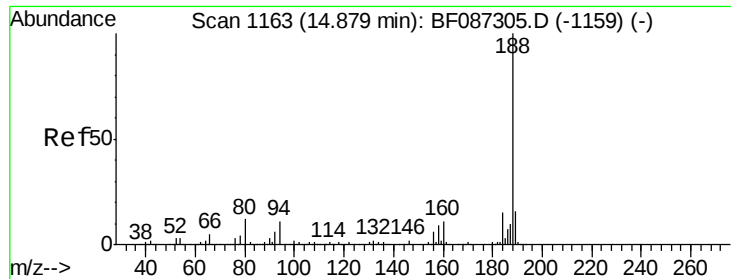
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#62
Azobenzene
Concen: 45.89 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	0.0	38.8
105	19.7	3.2	43.2
51	42.8	8.8	48.8





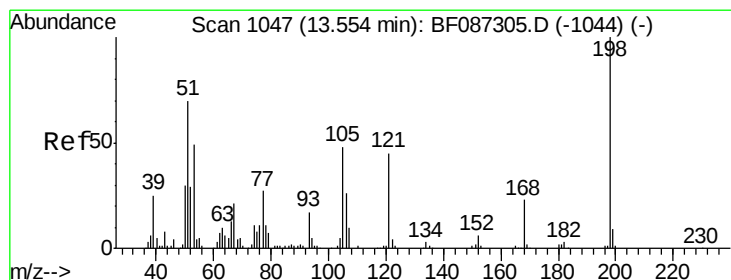
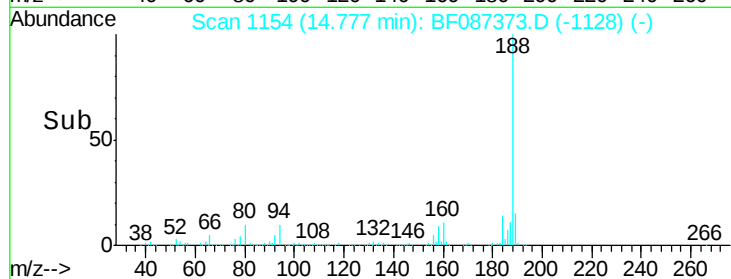
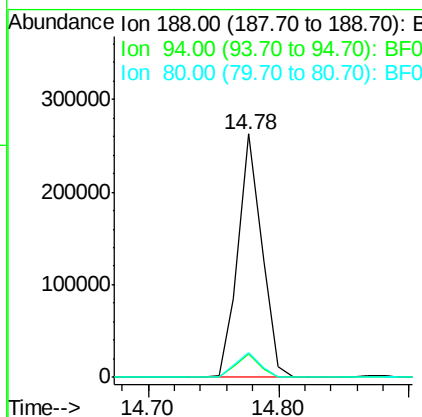
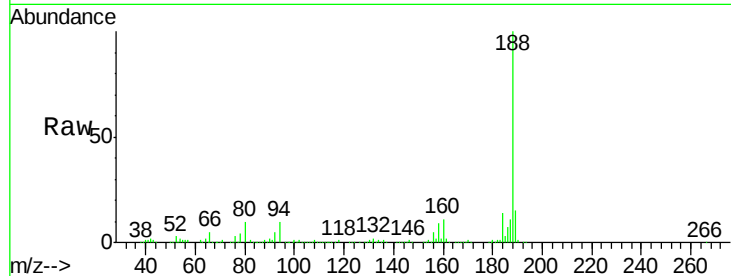
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	6.8	10.2
80	10.4	7.1	10.7

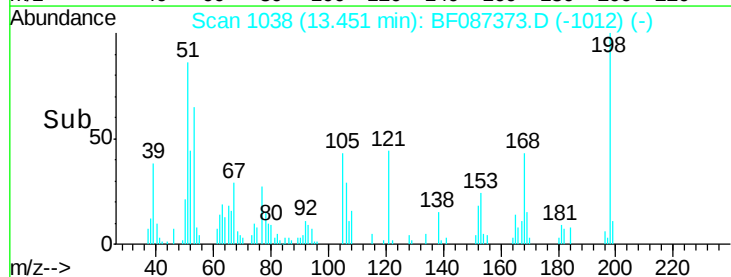
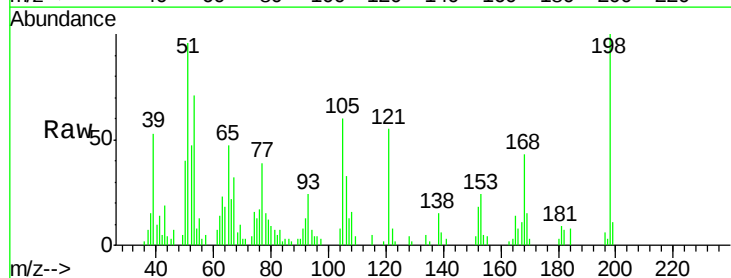
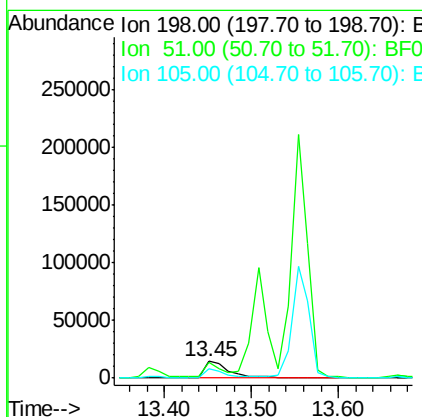
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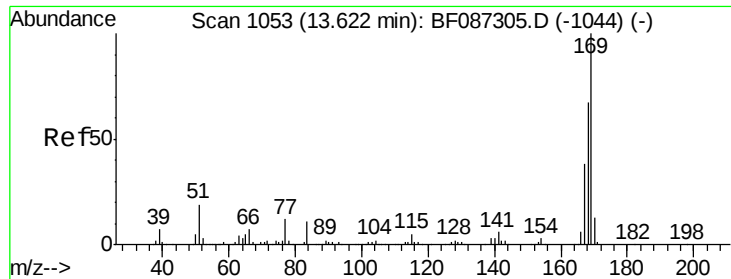
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.95 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	95.7	20.5	60.5#
105	60.4	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 47.47 ng

RT: 13.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

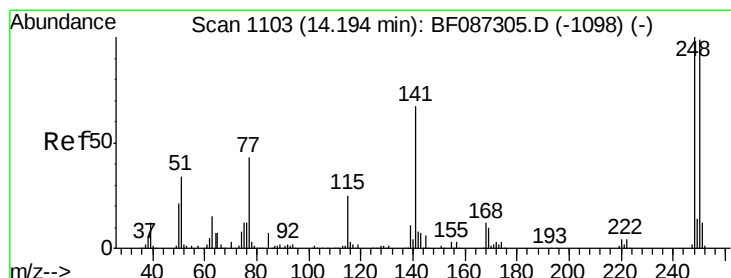
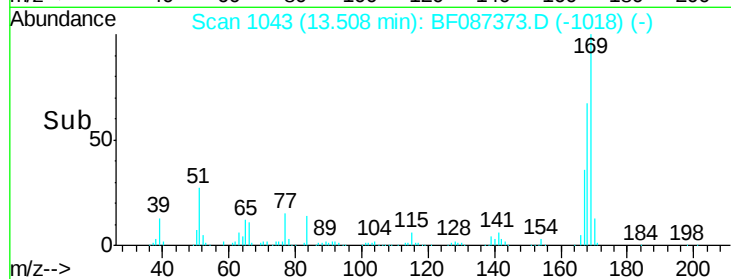
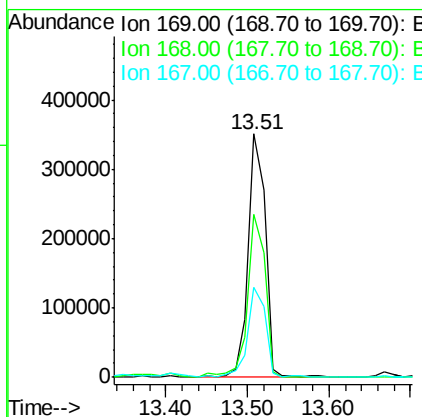
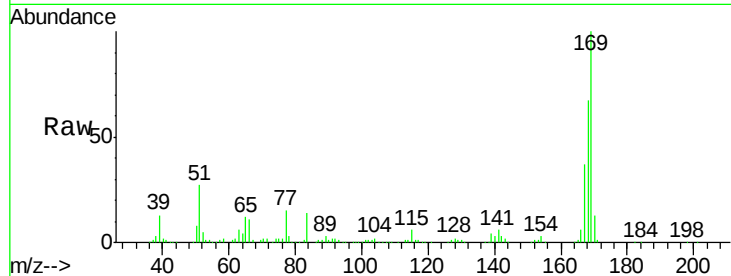
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	169	Resp:	513601
Ion Ratio	Lower	Upper	
169	100		
168	66.9	53.8	80.6
167	37.0	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 42.97 ng

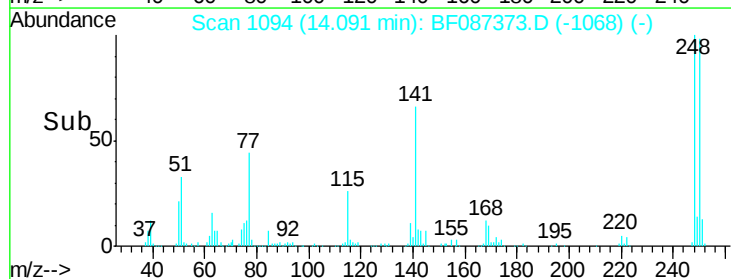
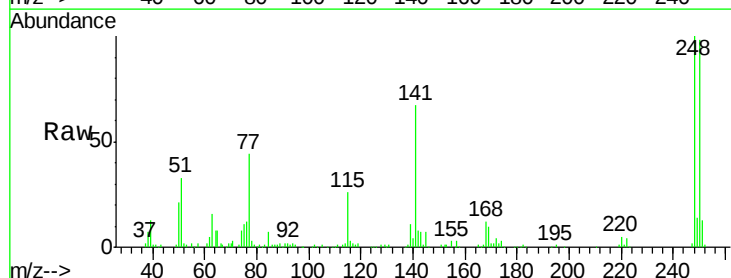
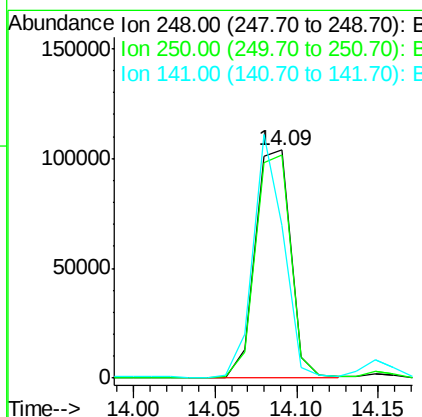
RT: 14.09 min Scan# 1094

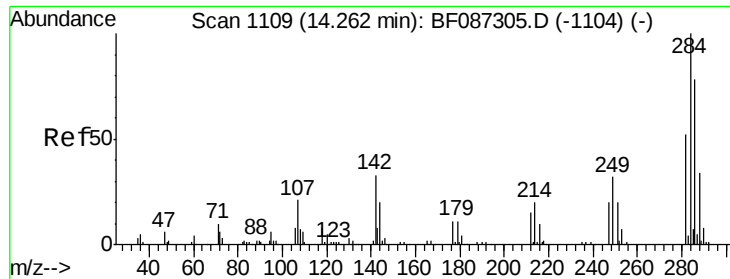
Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	248	Resp:	157247
Ion Ratio	Lower	Upper	
248	100		
250	98.2	78.6	117.8
141	66.8	76.0	114.0#





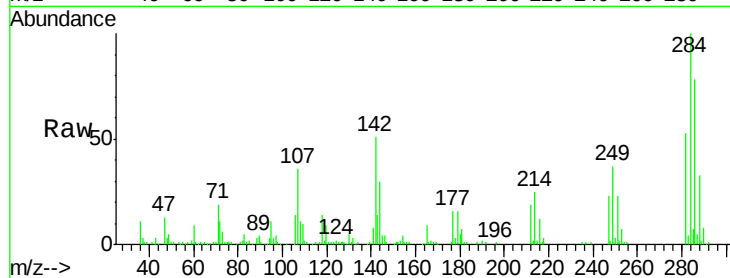
#67
Hexachlorobenzene
Concen: 40.36 ng
RT: 14.15 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

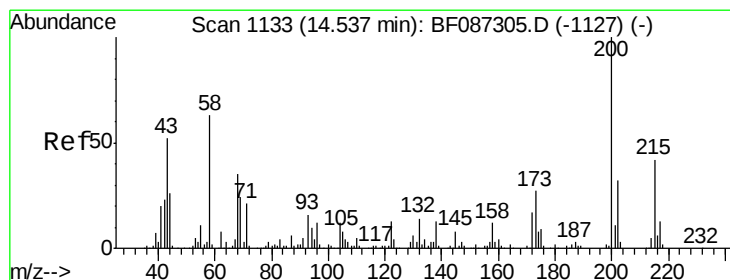
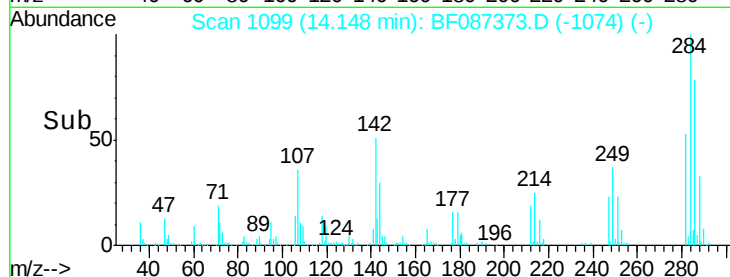
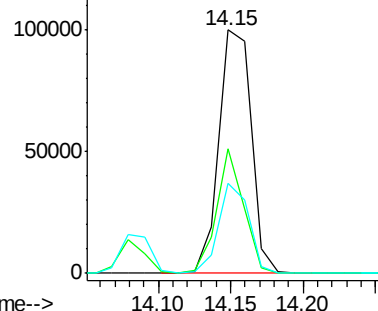
Tot Ion	Ratio	Resp	Lower	Upper
284	100	154475		
142	51.2	16.7	25.1#	
249	36.8	21.3	31.9#	

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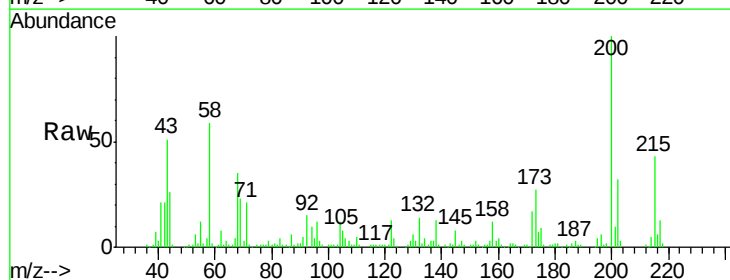


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

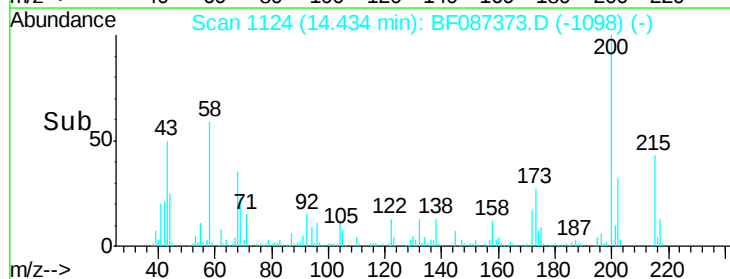
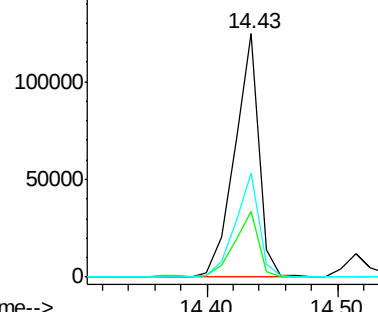


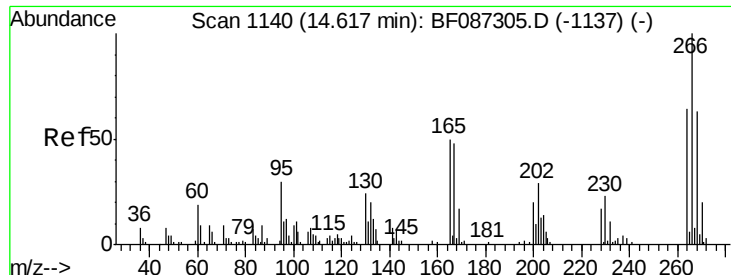
#68
Atrazine
Concen: 46.75 ng
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161216		
173	27.2	8.5	48.5	
215	42.7	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





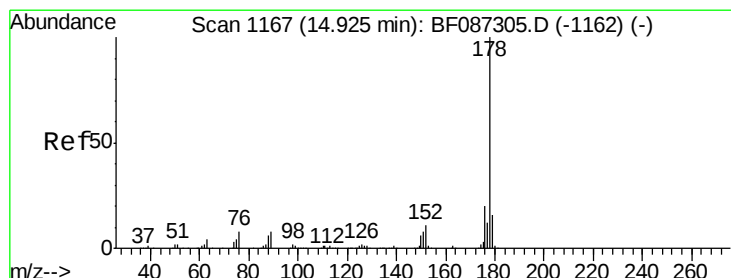
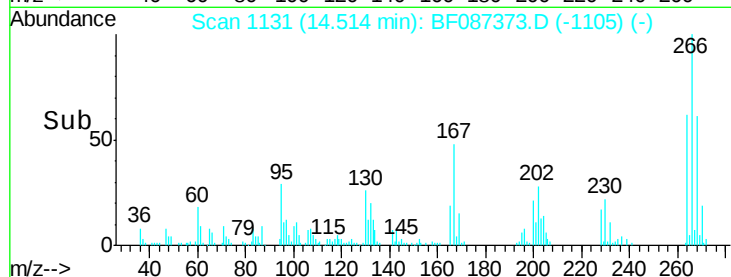
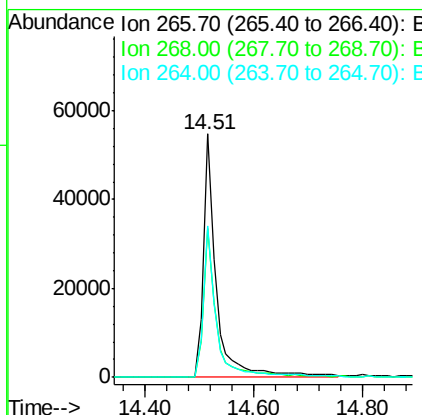
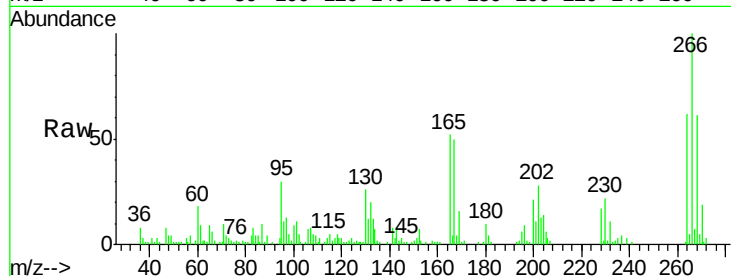
#69
 Pentachlorophenol
 Concen: 76.95 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.5	77.3
264	62.4	52.9	79.3

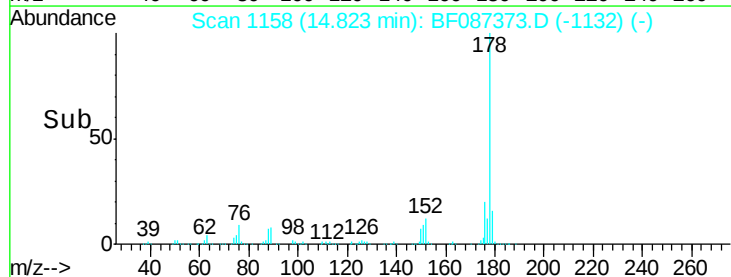
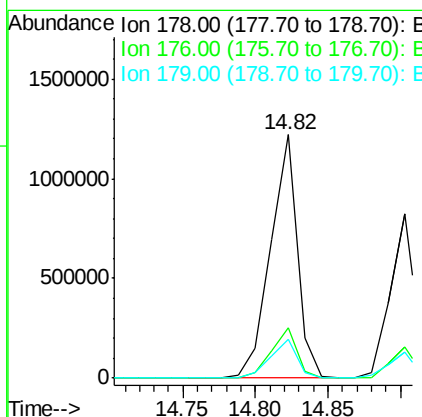
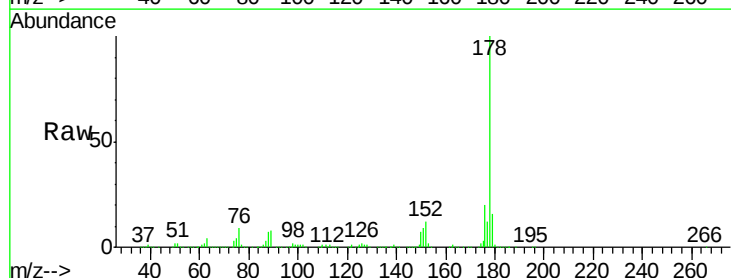
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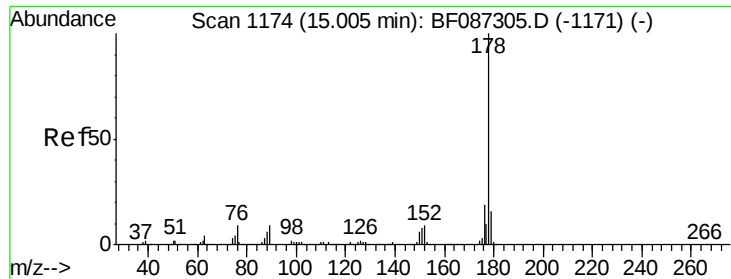
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#70
 Phenanthrene
 Concen: 84.91 ng
 RT: 14.82 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	15.9	12.6	18.8





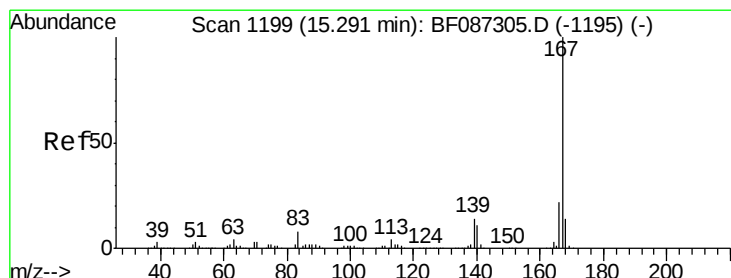
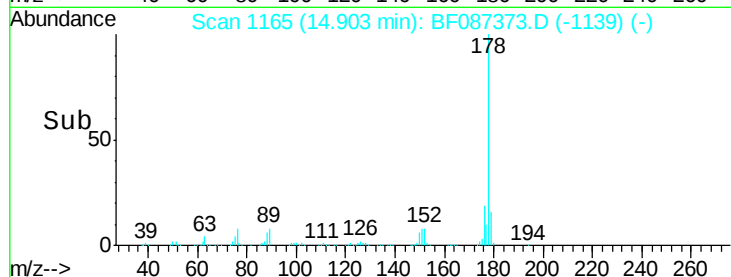
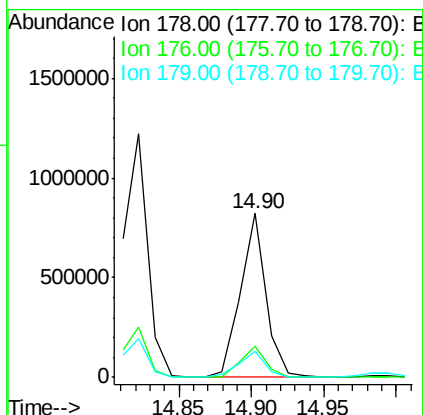
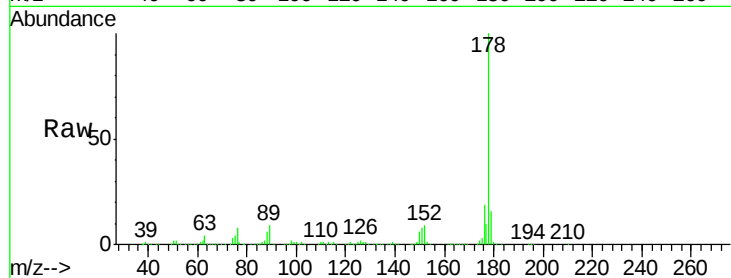
#71
 Anthracene
 Concen: 53.13 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.8	12.7	19.1

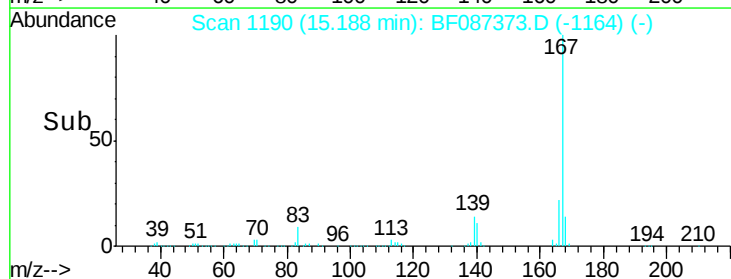
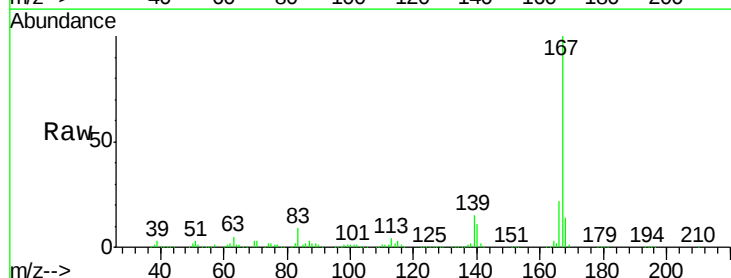
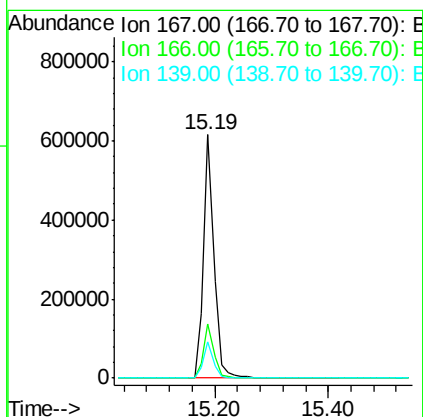
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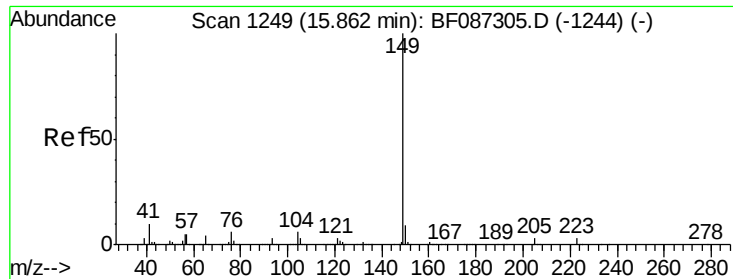
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#72
 Carbazole
 Concen: 47.43 ng
 RT: 15.19 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

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





#73

Di-n-butylphthalate

Concen: 41.81 ng

RT: 15.77 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

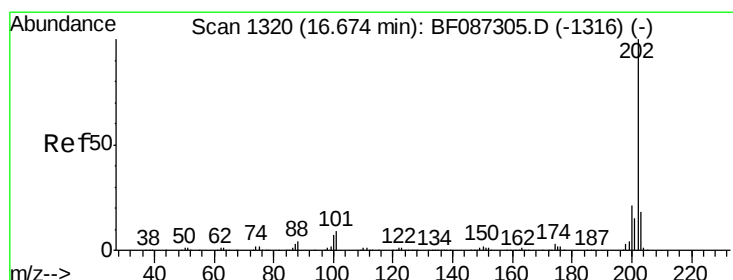
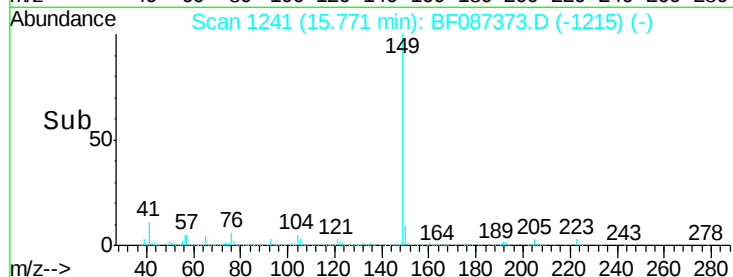
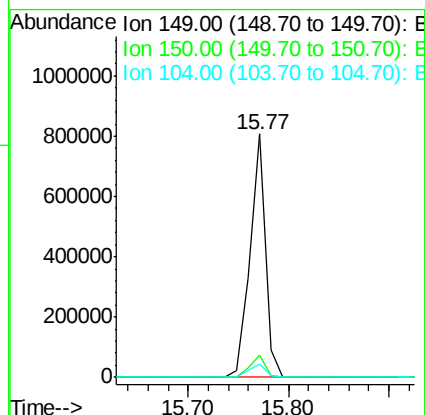
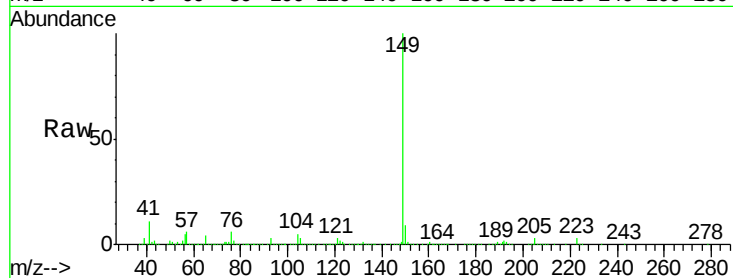
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	149	Resp:	863220
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.6	11.4
104	5.5	3.8	5.6

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#74

Fluoranthene

Concen: 87.00 ng

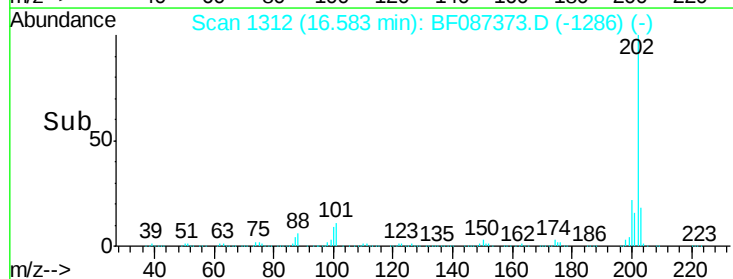
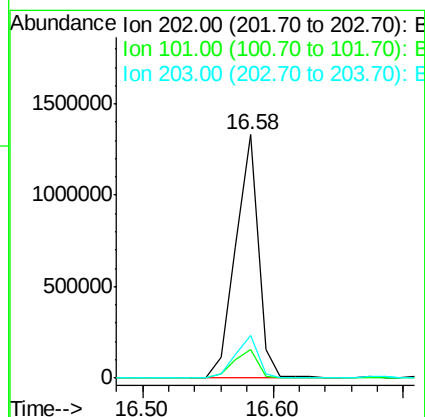
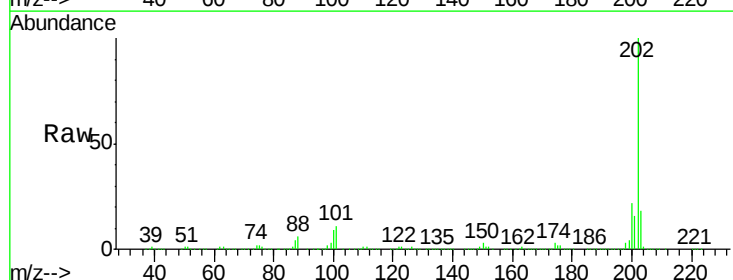
RT: 16.58 min Scan# 1312

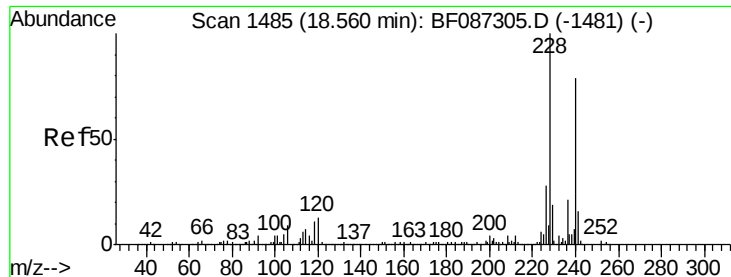
Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	202	Resp:	1616631
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	35.4
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

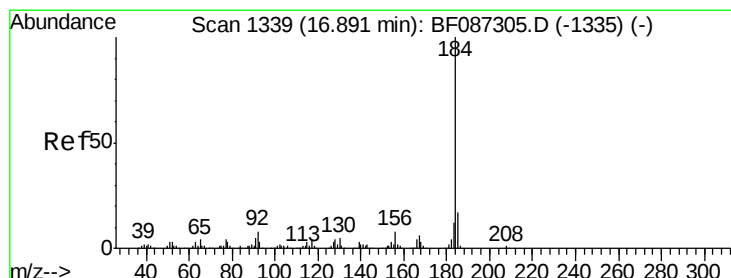
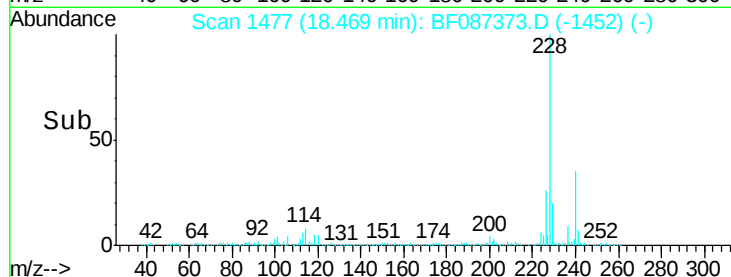
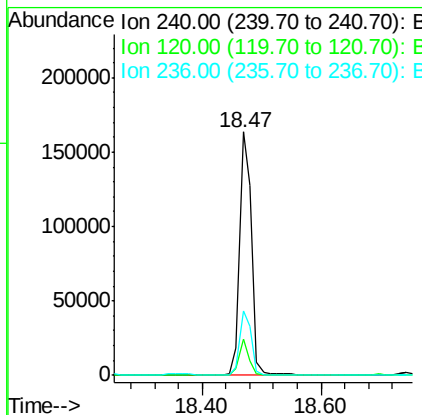
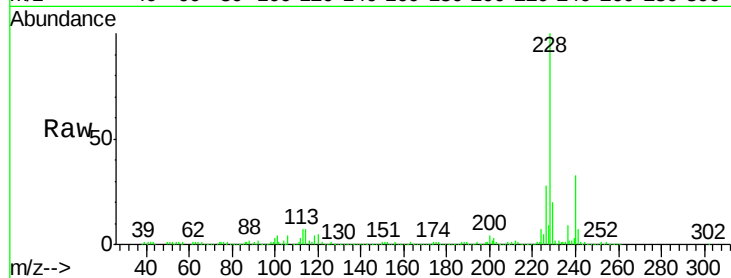
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	240	Resp:	226289
Ion Ratio	Lower	Upper	
240	100		
120	14.7	11.2	16.8
236	26.4	21.2	31.8

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#76

Benzidine

Concen: 23.78 ng

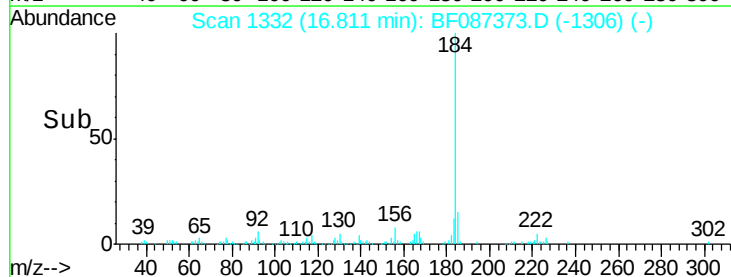
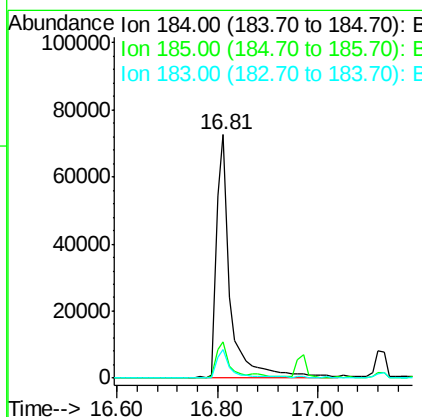
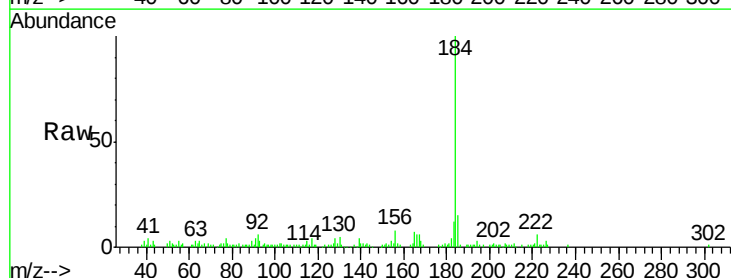
RT: 16.81 min Scan# 1332

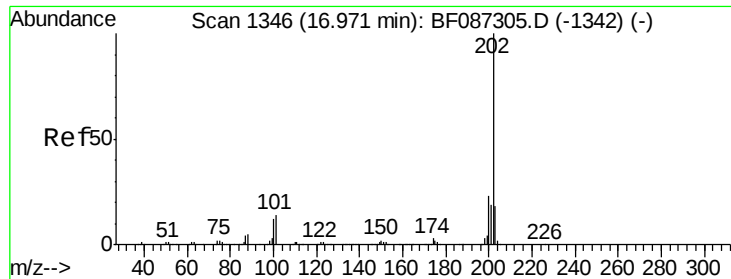
Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	184	Resp:	138442
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.6	20.4
183	11.9	9.8	14.6





#77

Pvrene

Concen: 87.51 ng

RT: 16.88 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

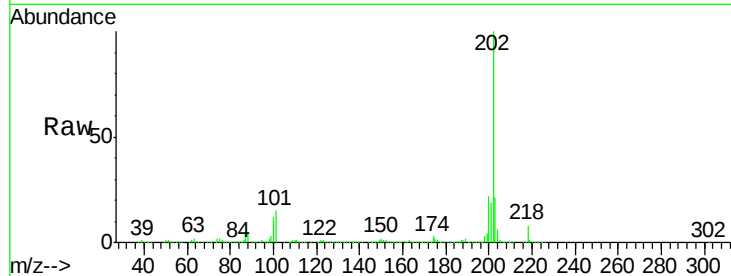
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	202	Resp:	1425364
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.7	26.5
203	21.3	14.2	21.4

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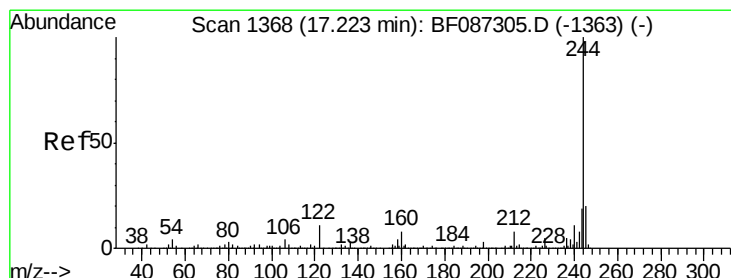
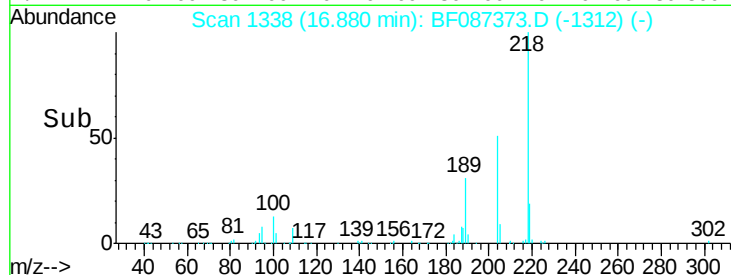
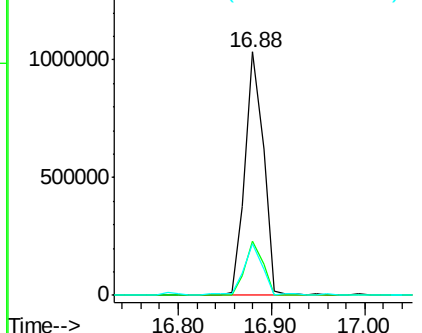
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.04 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF087373.D

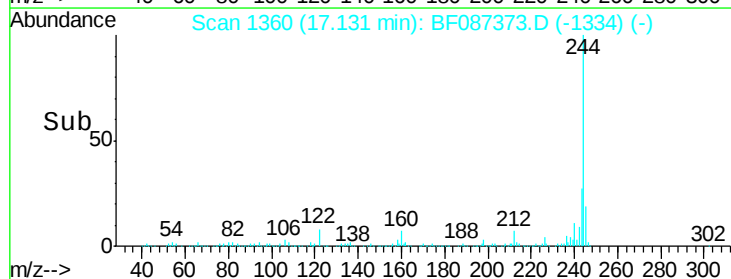
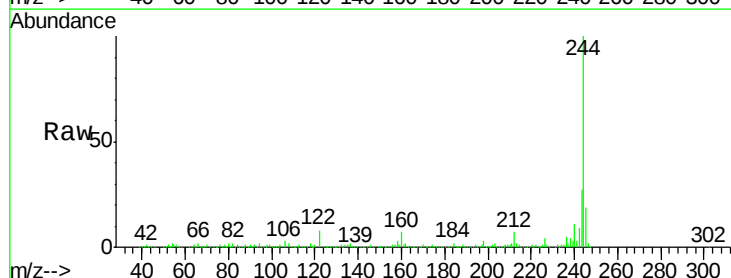
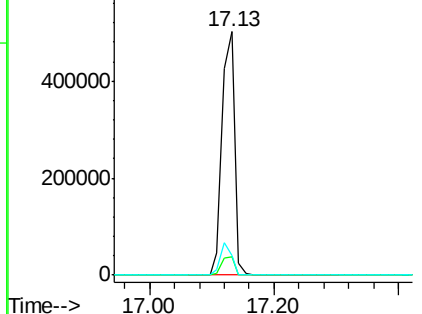
Acq: 25 May 2016 15:36

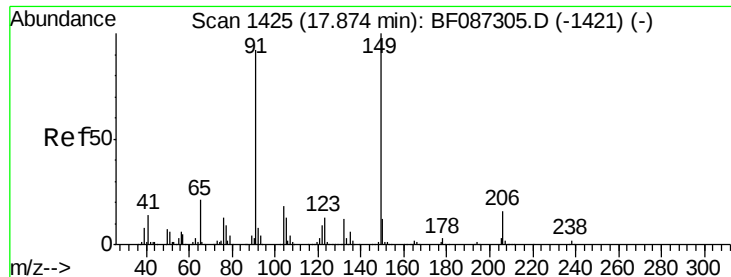
Tgt Ion:	244	Resp:	692306
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	8.1	12.0	18.0#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





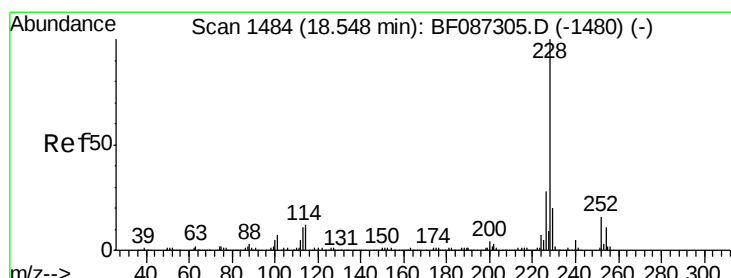
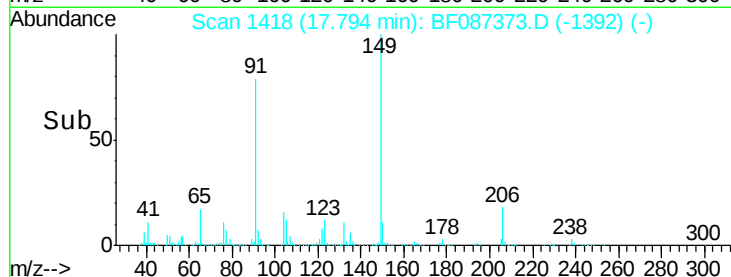
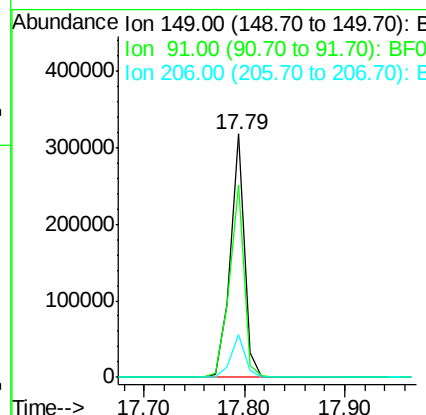
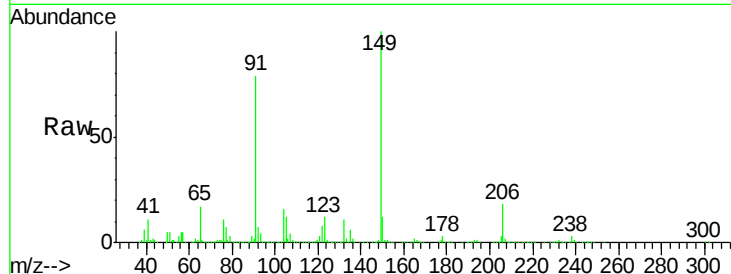
#79
Butylbenzylphthalate
Concen: 42.91 ng
RT: 17.79 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.9	48.0	72.0#
206	17.6	15.8	23.6

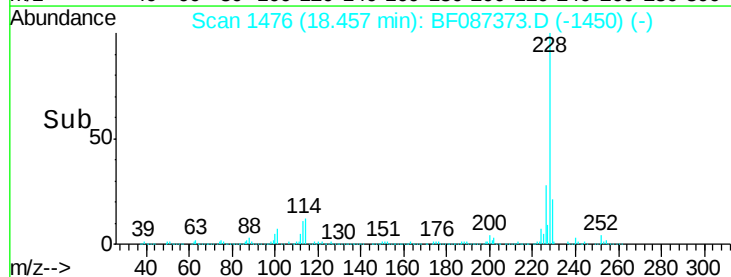
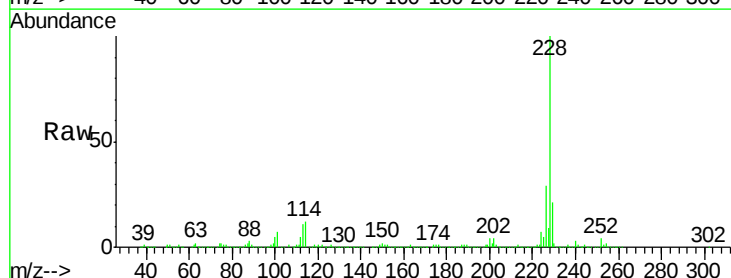
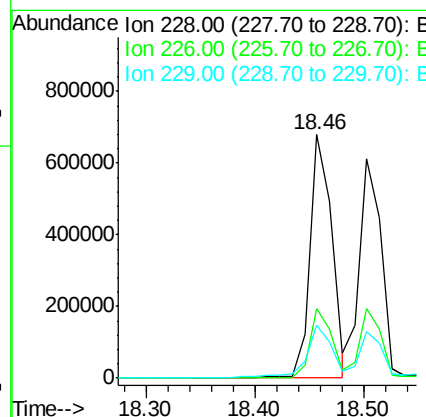
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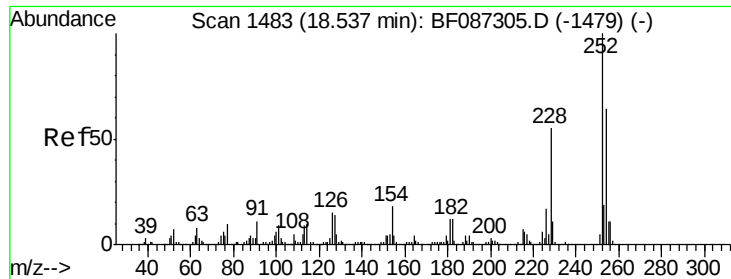
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#80
Benzo(a)anthracene
Concen: 73.39 ng
RT: 18.46 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	21.5	16.6	25.0





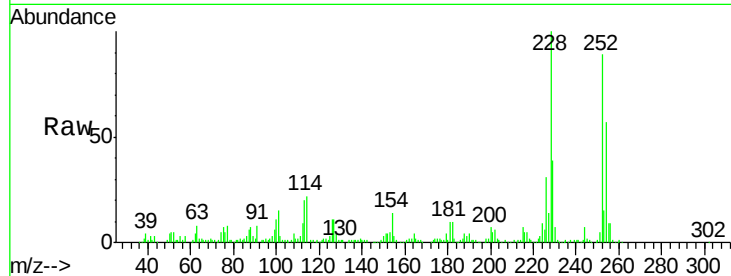
#81
 3,3'-Dichlorobenzidine
 Concen: 16.39 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

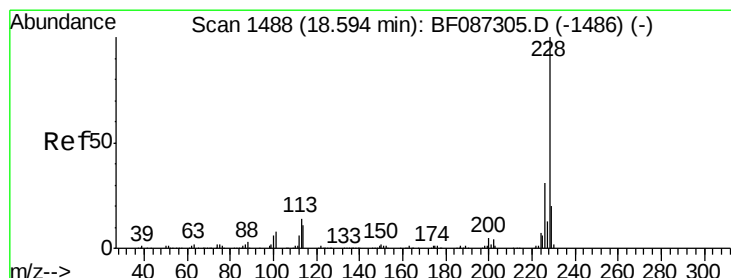
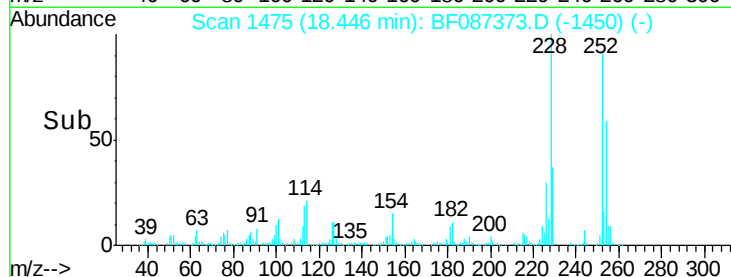
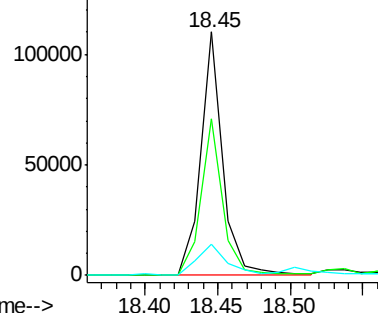
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	50.7	76.1
126	12.5	12.7	19.1#

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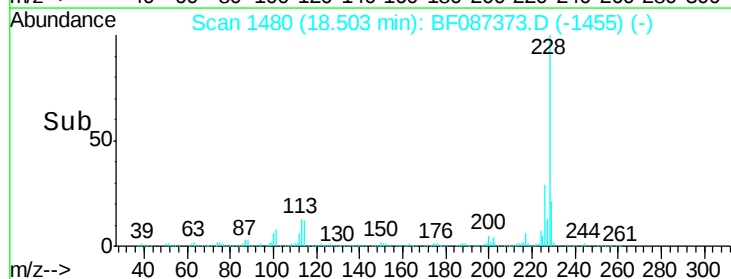
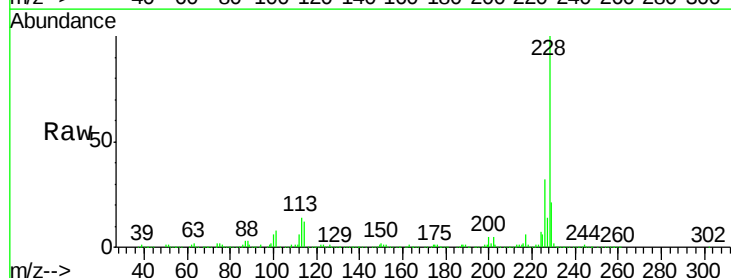
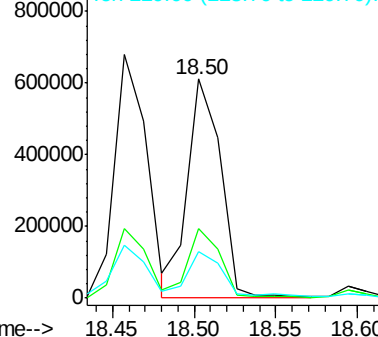
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

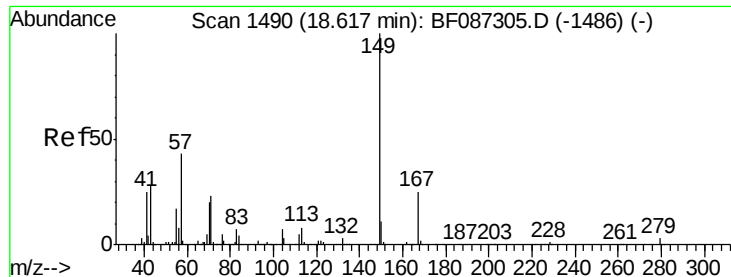


#82
 Chrysene
 Concen: 66.79 ng
 RT: 18.50 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	24.4	36.6
229	21.4	15.8	23.8

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.07 ng

RT: 18.54 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

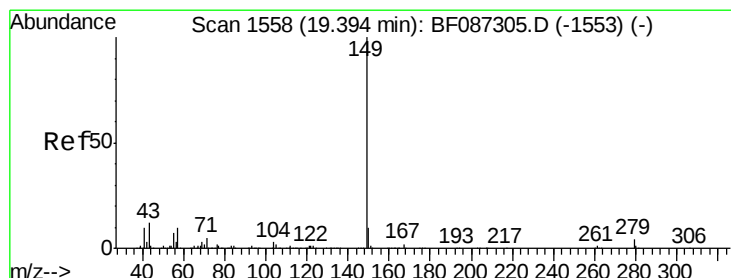
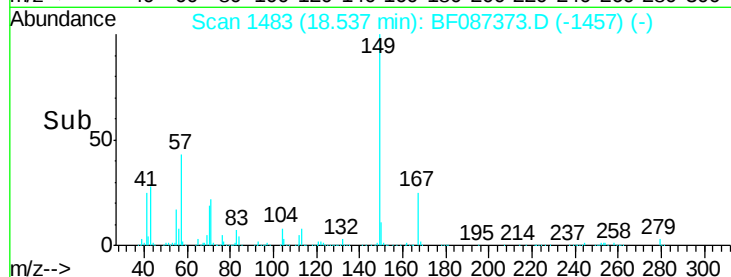
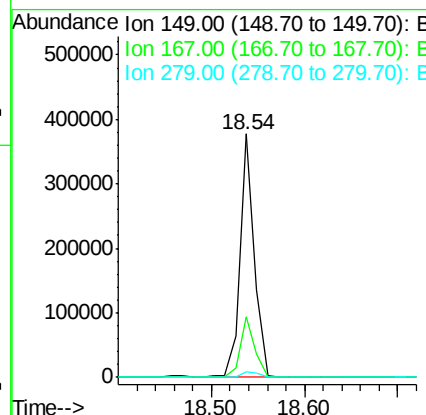
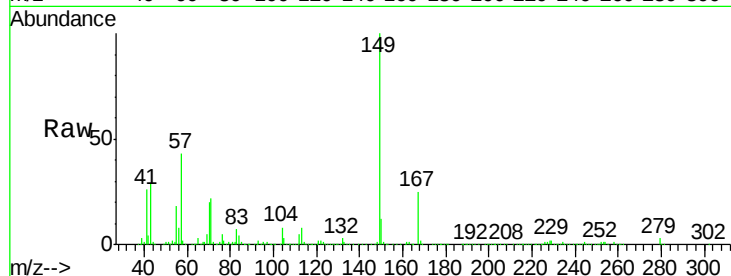
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion:	149	Resp:	401292
Ion Ratio	Lower	Upper	
149	100		
167	24.7	21.8	32.6
279	2.5	2.6	4.0#

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#84

Di-n-octyl phthalate

Concen: 40.85 ng

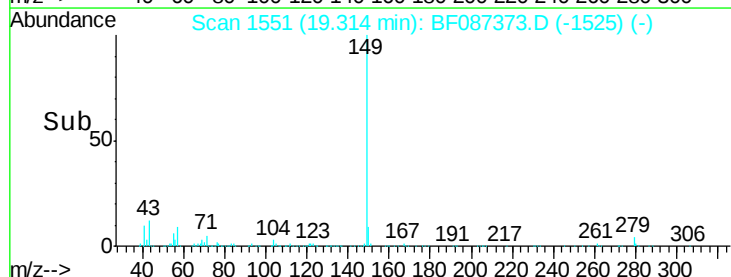
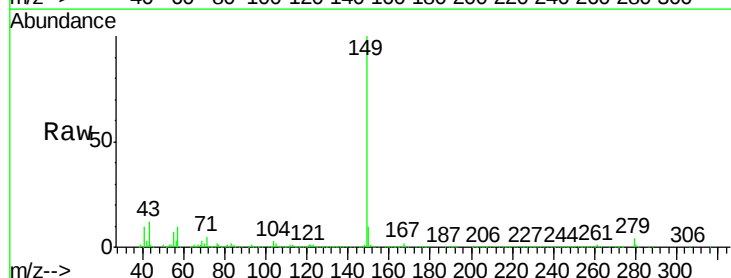
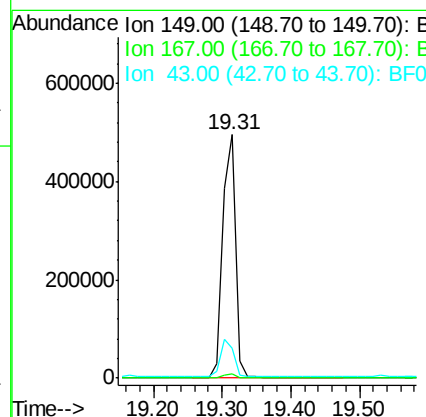
RT: 19.31 min Scan# 1551

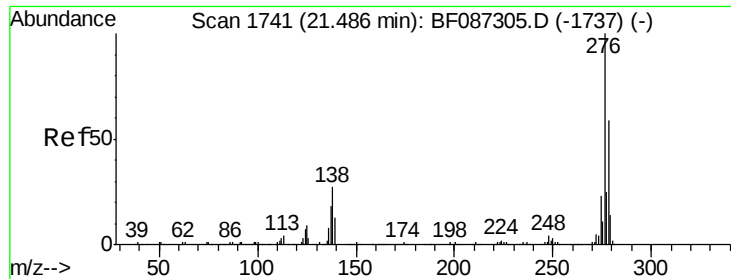
Delta R.T. 0.00 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Tgt Ion:	149	Resp:	656588
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	15.7	8.2	12.4#





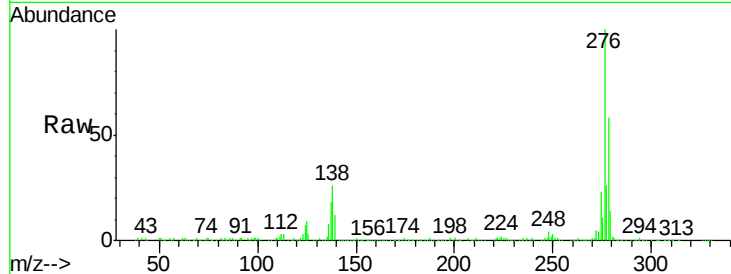
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.70 ng
RT: 21.36 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

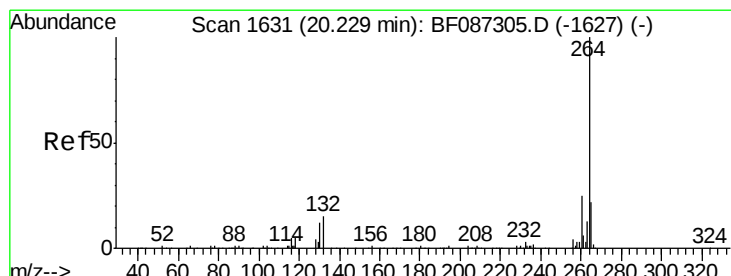
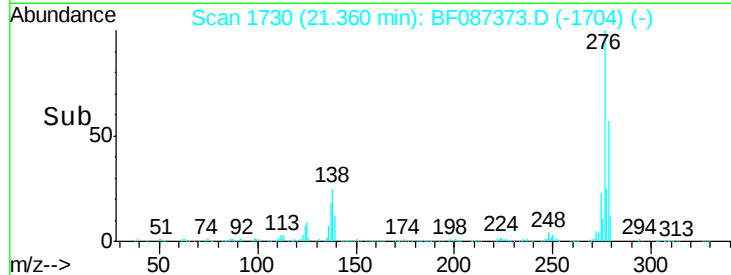
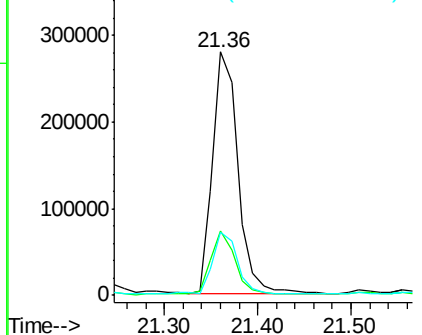
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.6	38.4
277	26.4	20.5	30.7

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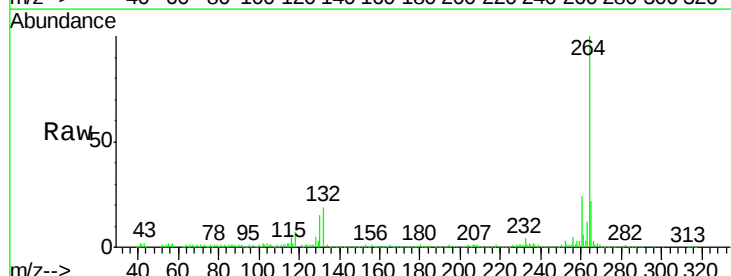


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

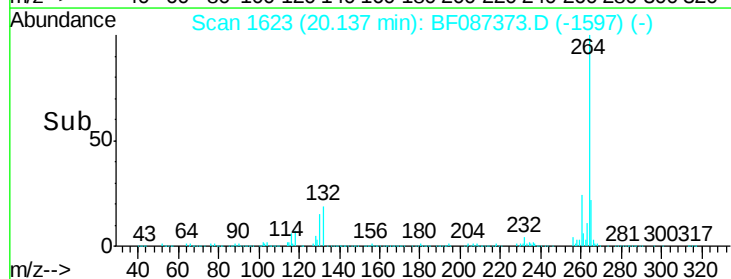
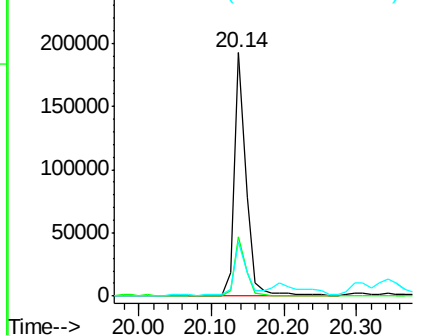


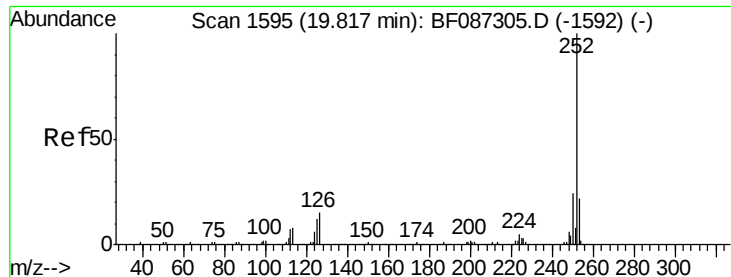
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.1	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 62.97 ng m

RT: 19.74 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF087373.D

Acq: 25 May 2016 15:36

Instrument :

BNA_F

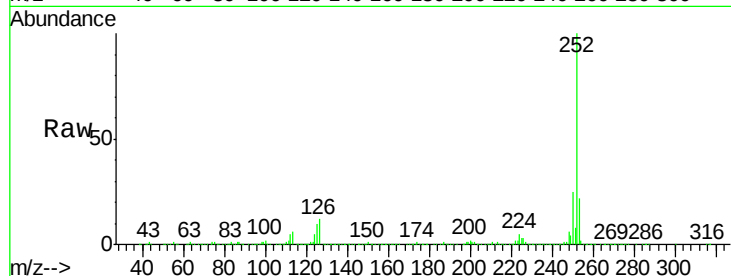
ClientSampleId :

E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.7	11.4	17.0

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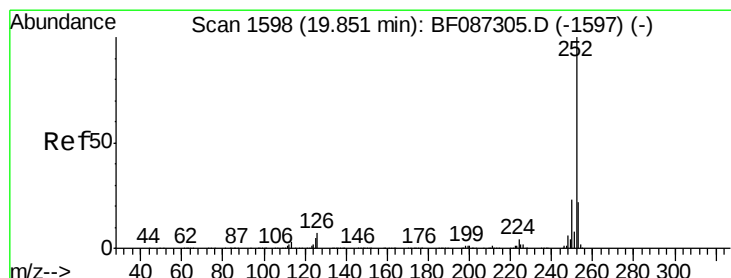
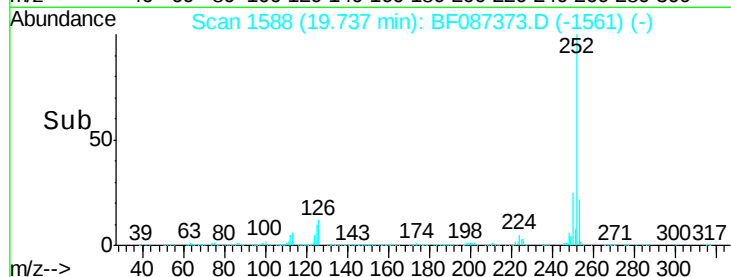
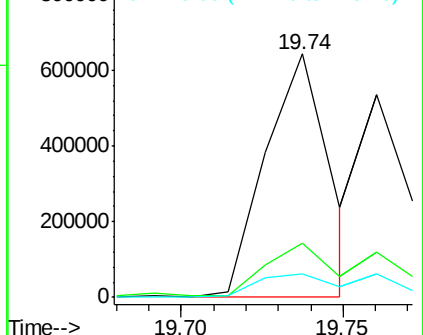
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.87 ng m

RT: 19.76 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF087373.D

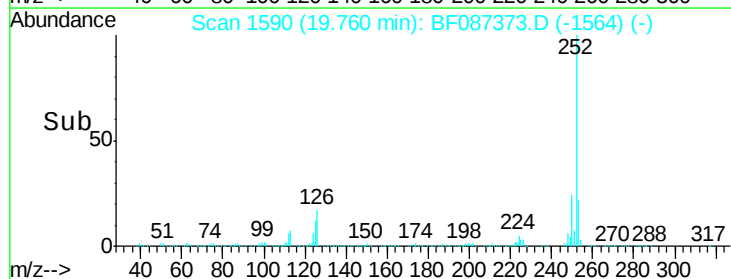
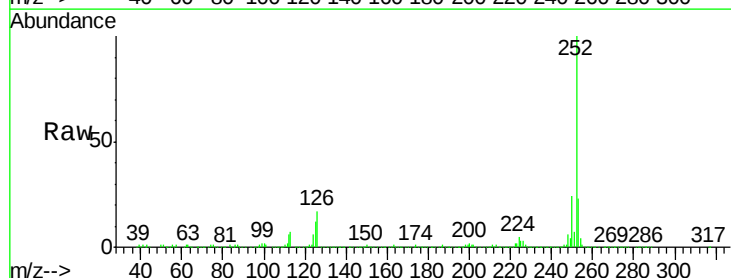
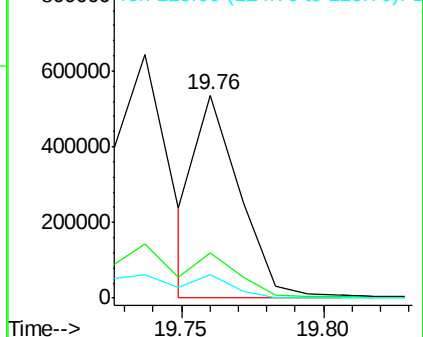
Acq: 25 May 2016 15:36

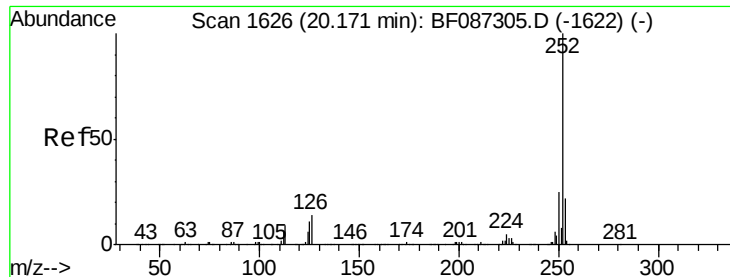
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.7	9.1	13.7

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





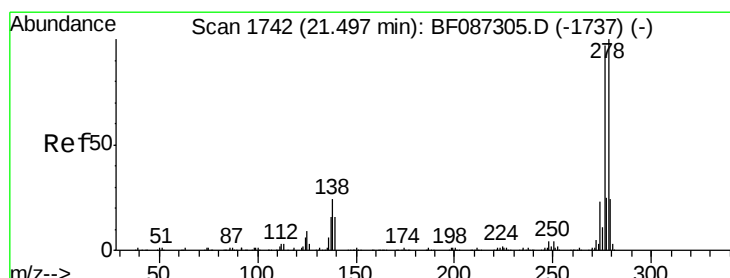
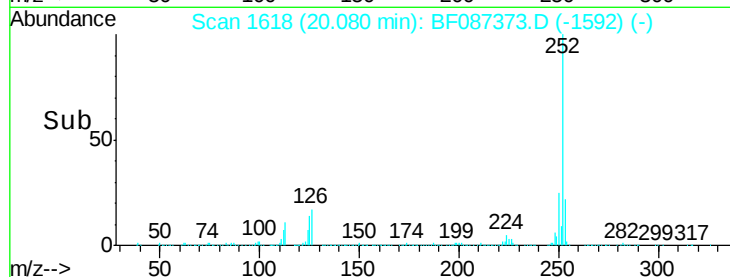
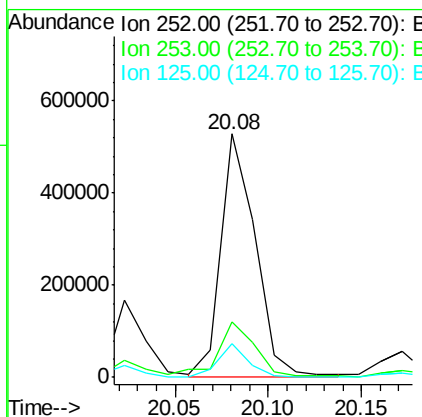
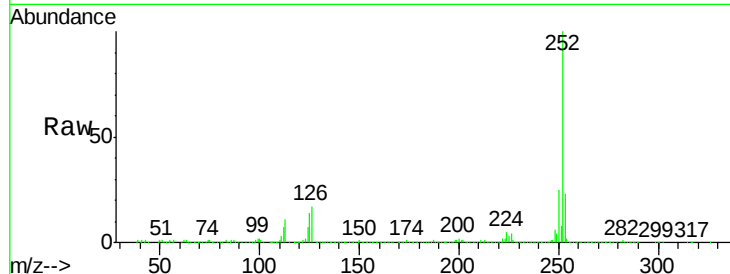
#89
Benzo(a)pyrene
Concen: 56.28 ng
RT: 20.08 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Instrument :
BNA_F
ClientSampleId :
E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	13.7	9.0	13.6

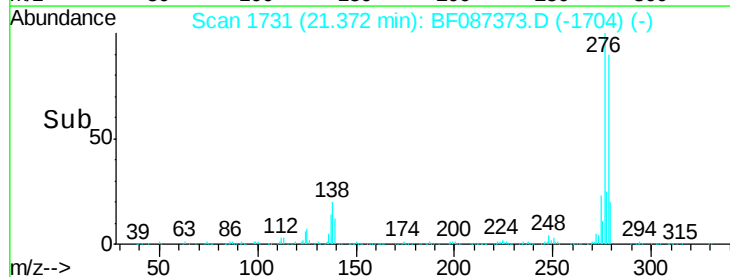
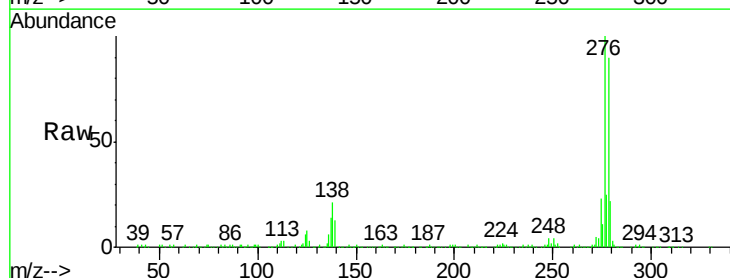
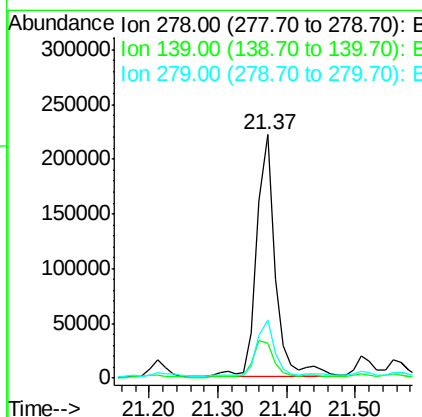
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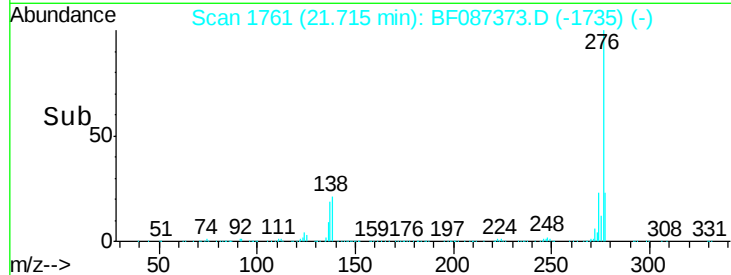
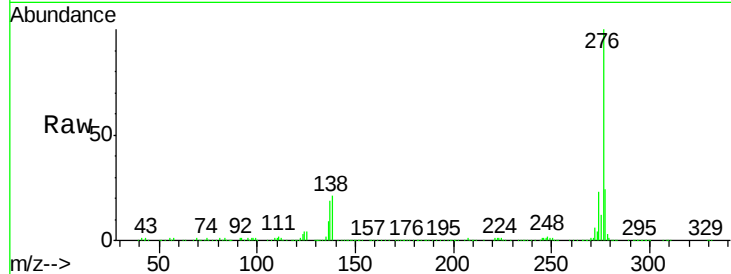
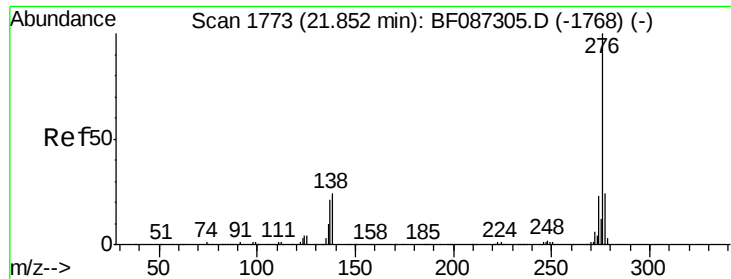
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#90
Dibenzo(a,h)anthracene
Concen: 39.78 ng
RT: 21.37 min Scan# 1731
Delta R.T. 0.01 min
Lab File: BF087373.D
Acq: 25 May 2016 15:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	16.6	24.8
279	24.1	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.43 ng m
 RT: 21.71 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: BF087373.D
 Acq: 25 May 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 E-3(6.5-7)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	21.4	23.6	35.4

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