

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
 Data File : BF079405.D
 Acq On : 21 May 2015 16:15
 Operator : TP/IZ
 Sample : PB83521BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

Manual Integrations
 APPROVED

apatel
 5/22/2015 4:30:28 PM

Quant Time: May 22 01:19:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 01:11:00 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.073	152	61794	20.00	ng	0.00
21) Naphthalene-d8	8.650	136	252591	20.00	ng	# 0.00
38) Acenaphthene-d10	10.822	164	120398	20.00	ng	0.00
63) Phenanthrene-d10	12.651	188	237263	20.00	ng	0.00
75) Chrysene-d12	15.954	240	241656	20.00	ng	#-0.01
86) Perylene-d12	17.749	264	249026	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.347	112	481253m	134.06	ng	0.00
7) Phenol-d6	6.650	99	633741	133.56	ng	0.00
23) Nitrobenzene-d5	7.770	82	362831	82.56	ng	0.00
41) 2,4,6-Tribromophenol	11.805	330	187141	143.68	ng	0.00
44) 2-Fluorobiphenyl	9.999	172	739208	85.54	ng	0.00
78) Terphenyl-d14	14.651	244	844491	83.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.941	88	56474m	36.18	ng	
3) Pyridine	2.604	79	178704m	39.12	ng	
4) n-Nitrosodimethylamine	2.536	42	79599m	40.67	ng	
6) Aniline	6.662	93	141542	21.13	ng	# 7
8) 2-Chlorophenol	6.799	128	176277	43.29	ng	95
9) Benzaldehyde	6.513	77	31812m	9.95	ng	
10) Phenol	6.662	94	223118	40.53	ng	# 68
11) bis(2-Chloroethyl)ether	6.765	93	166540	41.27	ng	91
12) 1,3-Dichlorobenzene	6.993	146	191259	41.79	ng	96
13) 1,4-Dichlorobenzene	7.096	146	188704	40.07	ng	97
14) 1,2-Dichlorobenzene	7.279	146	178399	40.69	ng	96
15) Benzyl Alcohol	7.256	79	137766	39.11	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.439	45	248320	40.22	ng	98
17) 2-Methylphenol	7.416	107	139977	42.72	ng	98
18) Hexachloroethane	7.690	117	69146	42.62	ng	96
19) n-Nitroso-di-n-propyla...	7.599	70	126050	39.33	ng	94
20) 3+4-Methylphenols	7.610	107	185513	42.49	ng	# 44
22) Acetophenone	7.588	105	249983	43.81	ng	# 85
24) Nitrobenzene	7.793	77	183578	42.14	ng	# 82
25) Isophorone	8.090	82	338304	41.52	ng	94
26) 2-Nitrophenol	8.182	139	81856	45.40	ng	# 85
27) 2,4-Dimethylphenol	8.262	122	157773	43.73	ng	99
28) bis(2-Chloroethoxy)met...	8.376	93	219819	43.76	ng	99
29) 2,4-Dichlorophenol	8.490	162	147340	45.92	ng	88
30) 1,2,4-Trichlorobenzene	8.582	180	148392	42.10	ng	99
31) Naphthalene	8.673	128	521133	43.30	ng	99
32) Benzoic acid	8.388	122	107095m	47.47	ng	
33) 4-Chloroaniline	8.753	127	118760	23.32	ng	95
34) Hexachlorobutadiene	8.833	225	81871	40.34	ng	100
35) Caprolactam	9.188	113	45827	44.17	ng	91
36) 4-Chloro-3-methylphenol	9.371	107	155728	46.21	ng	91
37) 2-Methylnaphthalene	9.531	142	355932	42.68	ng	96
39) 1,2,4,5-Tetrachloroben...	9.736	216	140830	41.53	ng	98
40) Hexachlorocyclopentadiene	9.725	237	113033	66.29	ng	97
42) 2,4,6-Trichlorophenol	9.896	196	98789	42.38	ng	98
43) 2,4,5-Trichlorophenol	9.942	196	106373	45.13	ng	96
45) 1,1'-Biphenyl	10.113	154	417832	43.65	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.136	162	329787	44.17	ng	92
47) 2-Nitroaniline	10.274	65	97307	44.98	ng	# 62
48) Acenaphthylene	10.639	152	527886	43.06	ng	99
49) Dimethylphthalate	10.514	163	394428	44.64	ng	97
50) 2,6-Dinitrotoluene	10.582	165	81311	46.63	ng	# 72
51) Acenaphthene	10.856	154	303121	41.47	ng	100
52) 3-Nitroaniline	10.776	138	67465	30.97	ng	93
53) 2,4-Dinitrophenol	10.925	184	50546	72.82	ng	# 66
54) Dibenzofuran	11.074	168	463904	43.93	ng	99
55) 4-Nitrophenol	11.016	139	134719	78.14	ng	# 69
56) 2,4-Dinitrotoluene	11.085	165	108032	46.86	ng	# 85
57) Fluorene	11.496	166	390845	45.10	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.234	232	83203	43.20	ng	99
59) Diethylphthalate	11.382	149	387371	44.25	ng	99
60) 4-Chlorophenyl-phenyle...	11.508	204	169086	43.98	ng	100
61) 4-Nitroaniline	11.531	138	93018	42.68	ng	96
62) Azobenzene	11.702	77	388746	45.07	ng	99
64) 4,6-Dinitro-2-methylph...	11.588	198	40476	42.81	ng	93
65) n-Nitrosodiphenylamine	11.656	169	322872	40.86	ng	99
66) 4-Bromophenyl-phenylether	12.114	248	109823	44.41	ng	# 87
67) Hexachlorobenzene	12.171	284	120080	42.48	ng	# 82
68) Atrazine	12.331	200	101554	44.20	ng	100
69) Pentachlorophenol	12.422	266	108584	66.89	ng	100
70) Phenanthrene	12.685	178	563528	42.46	ng	100
71) Anthracene	12.754	178	575533	44.20	ng	99
72) Carbazole	12.959	167	564322	45.47	ng	99
73) Di-n-butylphthalate	13.417	149	676037	45.42	ng	99
74) Fluoranthene	14.160	202	607726	43.94	ng	95
76) Benzidine	14.342	184	260105	39.94	ng	97
77) Pyrene	14.434	202	627097	45.03	ng	99
79) Butylbenzylphthalate	15.268	149	298403	49.02	ng	93
80) Benzo(a)anthracene	15.943	228	598867	45.25	ng	99
81) 3,3'-Dichlorobenzidine	15.920	252	164103	34.81	ng	# 98
82) Chrysene	15.988	228	537510	42.23	ng	98
83) Bis(2-ethylhexyl)phtha...	16.011	149	452506	49.08	ng	100
84) Di-n-octyl phthalate	16.834	149	781714	48.14	ng	97
85) Indeno(1,2,3-cd)pyrene	19.120	276	715773	44.14	ng	99
87) Benzo(b)fluoranthene	17.280	252	655049	48.06	ng	99
88) Benzo(k)fluoranthene	17.314	252	519999	39.41	ng	# 96
89) Benzo(a)pyrene	17.680	252	582394	46.40	ng	98
90) Dibenzo(a,h)anthracene	19.143	278	594576	44.58	ng	98
91) Benzo(g,h,i)perylene	19.520	276	592055	44.29	ng	98

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

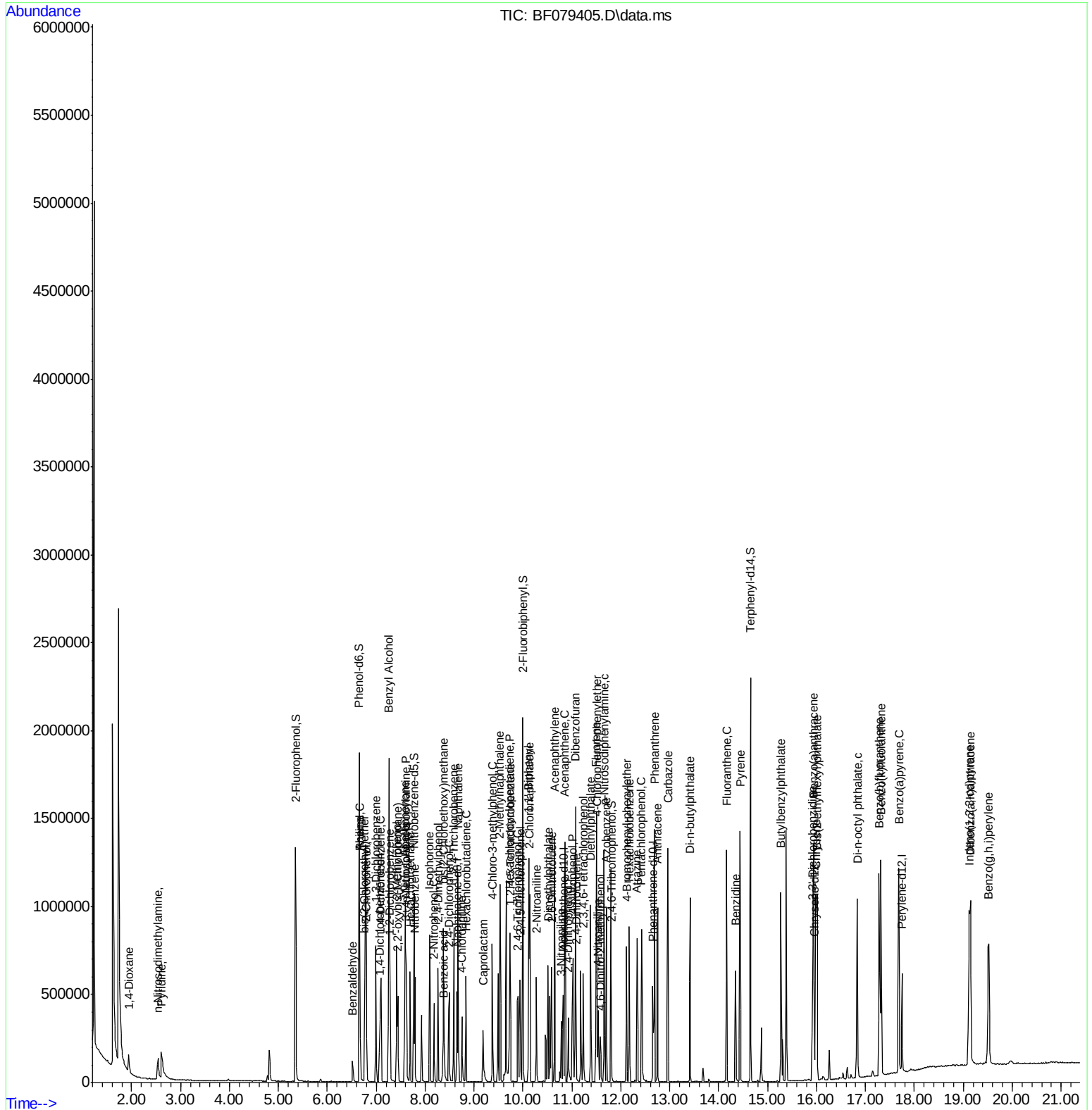
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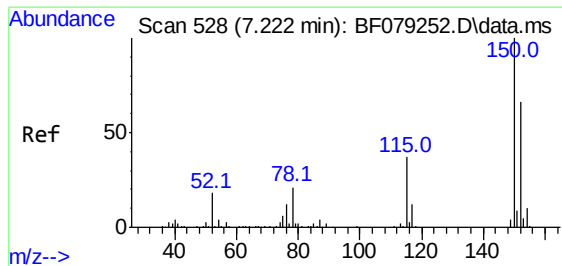
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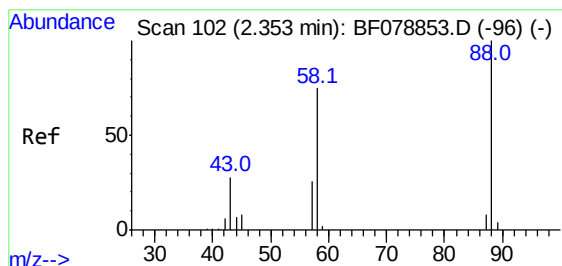
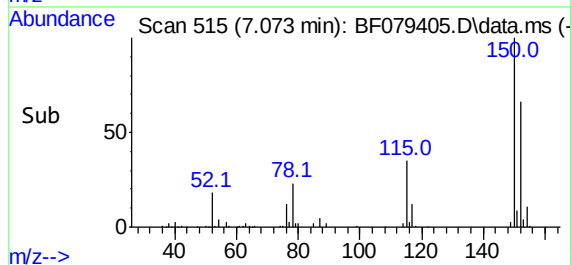
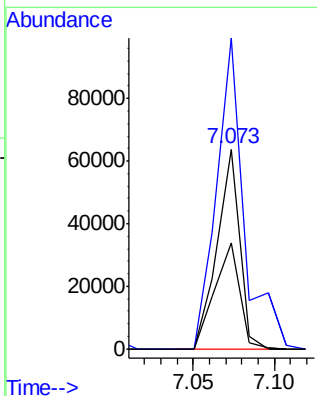
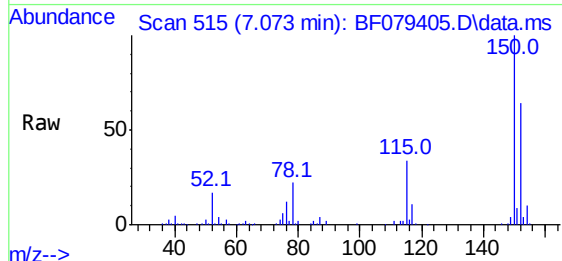




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.073 min Scan# 515
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

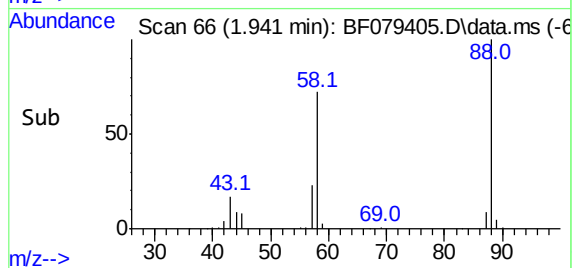
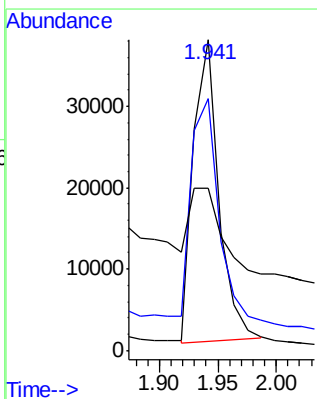
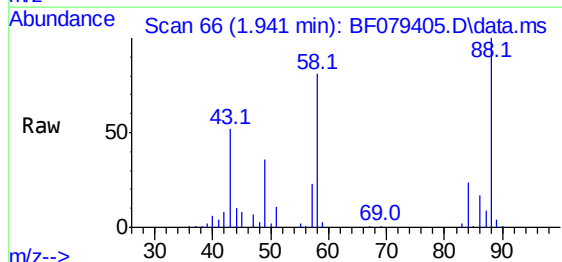
Instrument :
BNA_F
ClientSampled :
PB83521BS

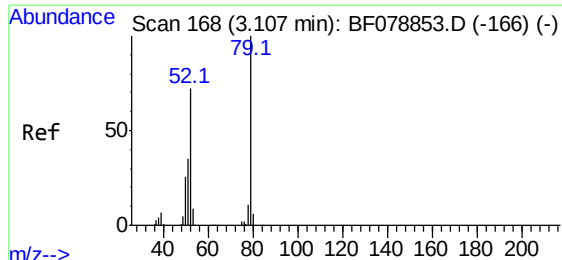
Tgt Ion:152 Resp: 61794
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.8
115 52.8 49.4 74.0



#2
1,4-Dioxane
Concen: 36.18 ng m
RT: 1.941 min Scan# 66
Delta R.T. 0.034 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 88 Resp: 56474
Ion Ratio Lower Upper
88 100
58 0.0 63.5 95.3#
43 0.0 24.6 37.0#





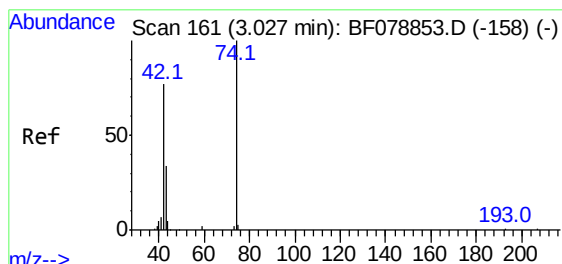
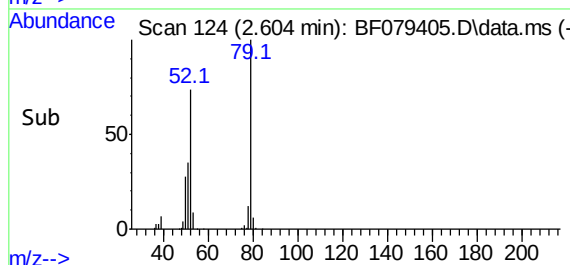
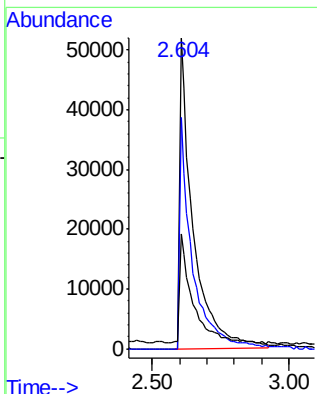
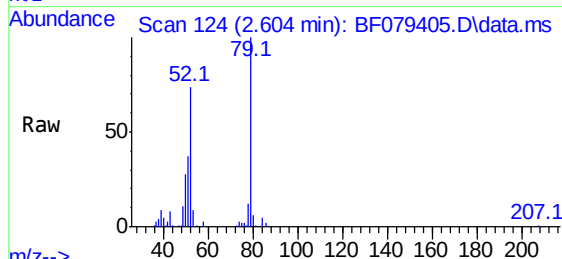
#3
Pyridine
Concen: 39.12 ng m
RT: 2.604 min Scan# 124
Delta R.T. 0.023 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 79 Resp: 178704
Ion Ratio Lower Upper
79 100
52 74.3 57.6 86.4
51 37.0 28.7 43.1

Instrument :
BNA_F
ClientSampleId :
PB83521BS

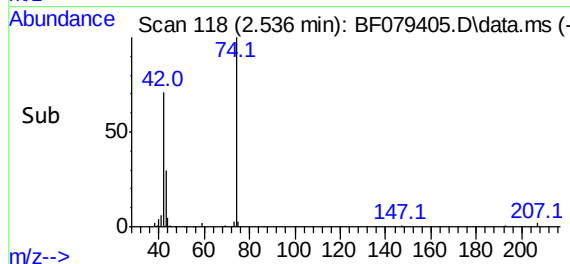
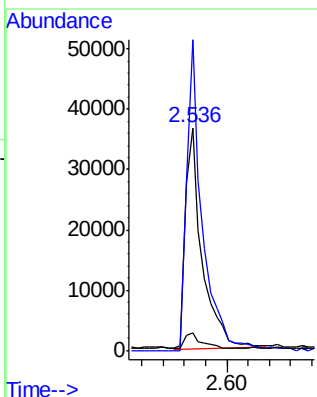
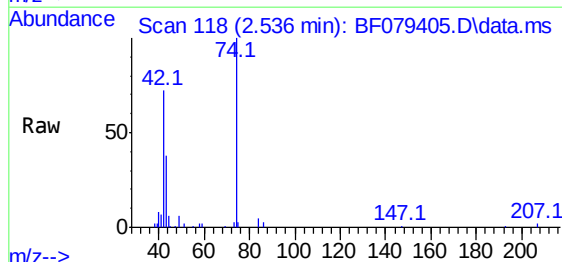
Manual Integrations
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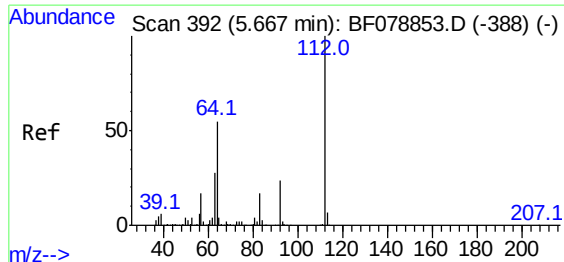
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#4
n-Nitrosodimethylamine
Concen: 40.67 ng m
RT: 2.536 min Scan# 118
Delta R.T. 0.023 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 42 Resp: 79599
Ion Ratio Lower Upper
42 100
74 139.5 104.4 156.6
44 8.0 6.2 9.2

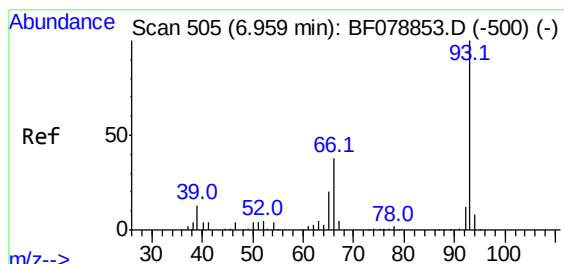
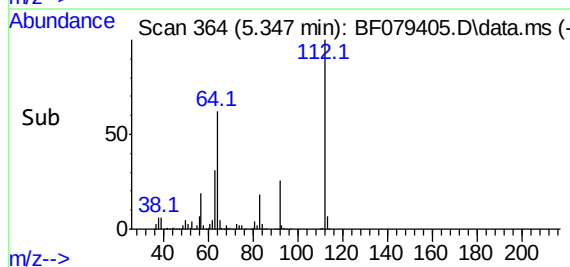
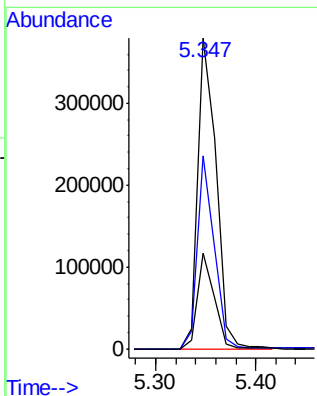
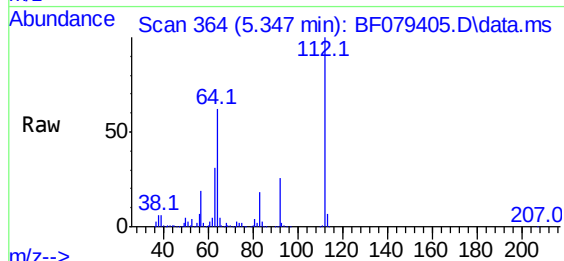




#5
2-Fluorophenol
Concen: 134.06 ng m
RT: 5.347 min Scan# 364
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

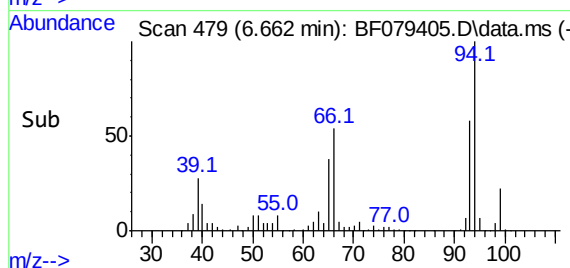
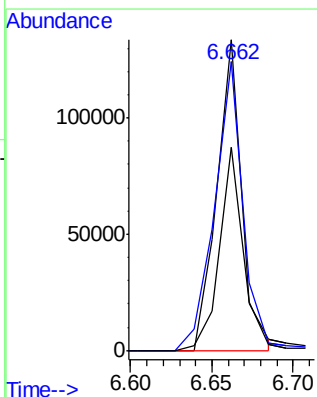
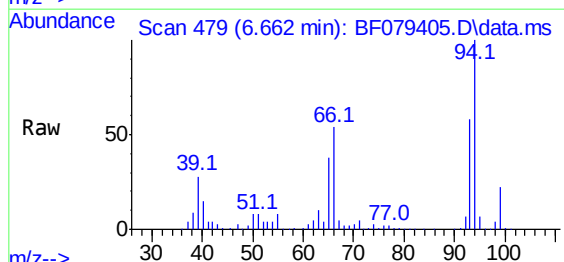
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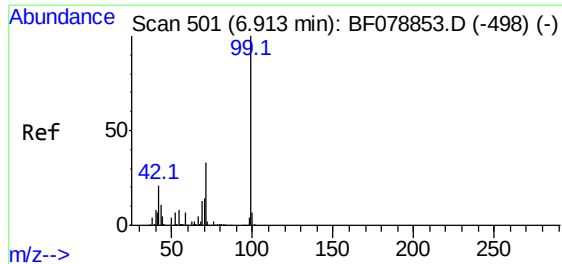
Tgt Ion:112 Resp: 481253
Ion Ratio Lower Upper
112 100
64 62.2 44.2 66.2
63 31.0 22.7 34.1



#6
Aniline
Concen: 21.13 ng
RT: 6.662 min Scan# 479
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 93 Resp: 141542
Ion Ratio Lower Upper
93 100
66 93.0 30.7 46.1#
65 65.6 15.8 23.8#





#7

Phenol-d6

Concen: 133.56 ng

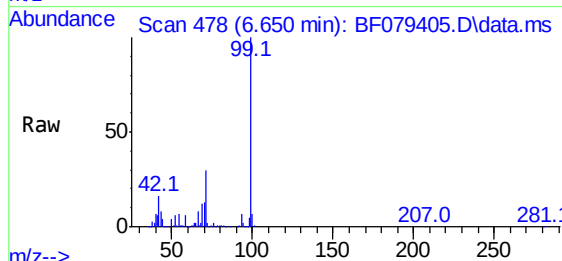
RT: 6.650 min Scan# 478

Delta R.T. 0.000 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :
BNA_F
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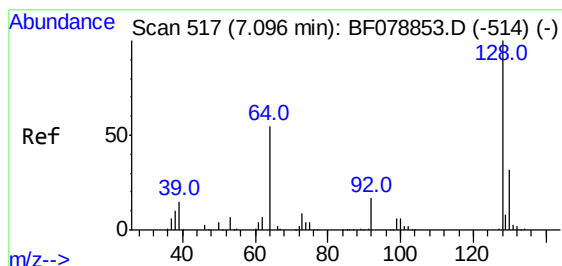
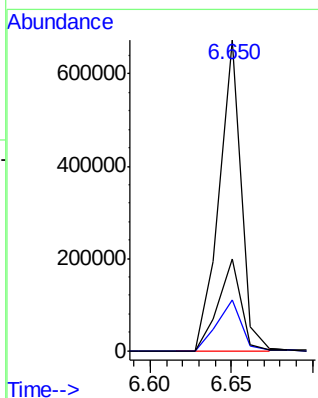
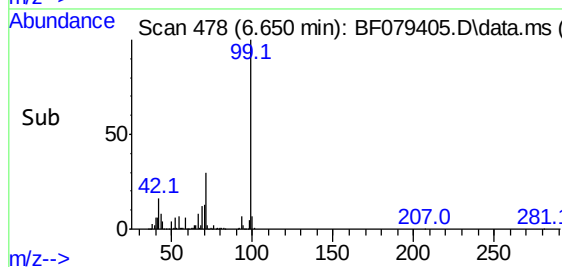


Tgt Ion: 99 Resp: 633741

Ion	Ratio	Lower	Upper
99	100		
42	16.3	17.1	25.7#
71	29.7	26.3	39.5

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#8

2-Chlorophenol

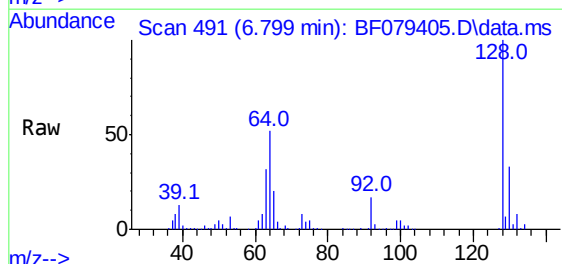
Concen: 43.29 ng

RT: 6.799 min Scan# 491

Delta R.T. 0.000 min

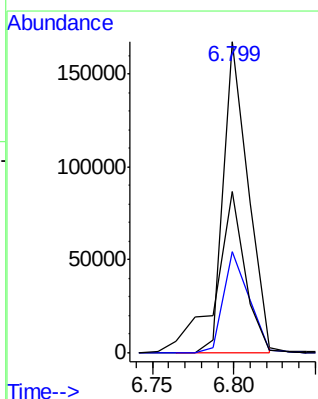
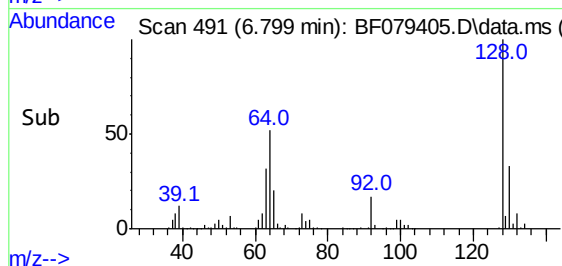
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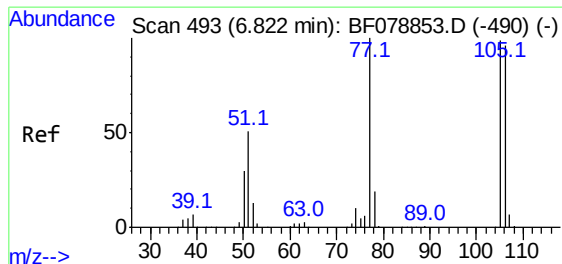
Acq: 21 May 2015 16:15



Tgt Ion: 128 Resp: 176277

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.4	52.4
64	51.6	37.8	77.8

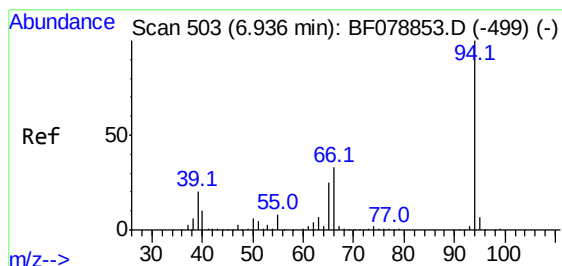
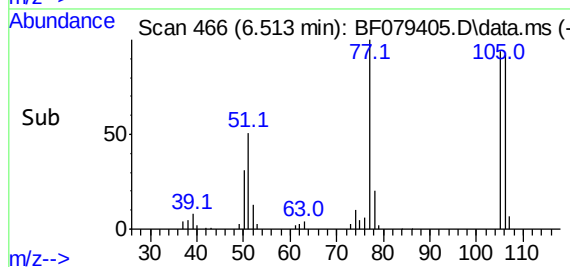
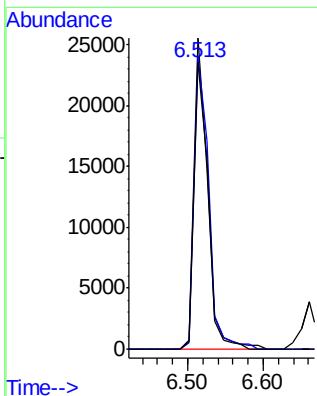
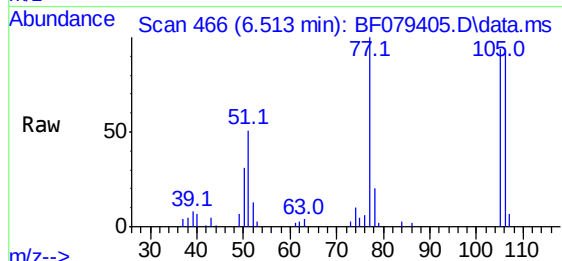




#9
Benzaldehyde
Concen: 9.95 ng m
RT: 6.513 min Scan# 466
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

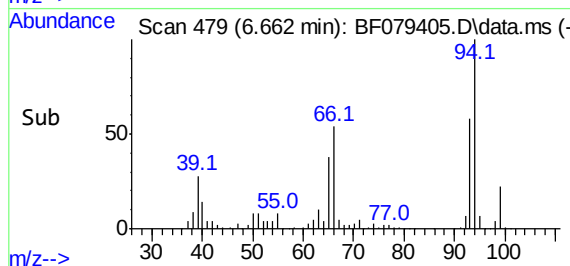
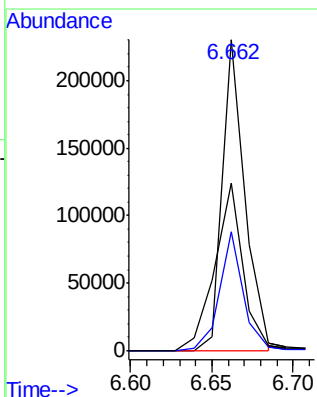
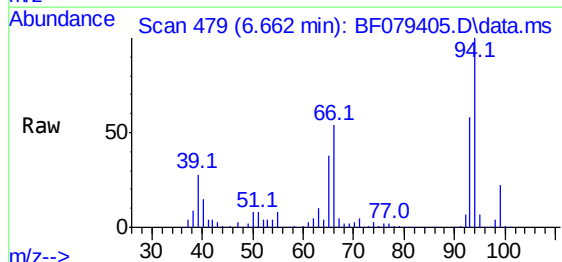
Instrument :
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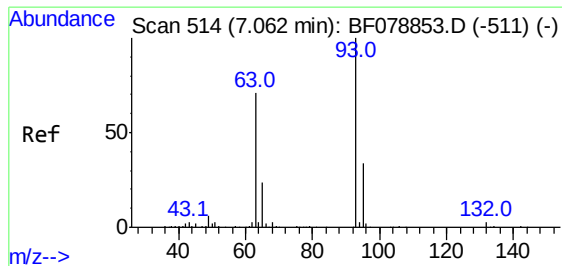
Tgt Ion: 77 Resp: 31812
Ion Ratio Lower Upper
77 100
105 94.4 78.9 118.9
106 92.1 75.8 115.8



#10
Phenol
Concen: 40.53 ng
RT: 6.662 min Scan# 479
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 94 Resp: 223118
Ion Ratio Lower Upper
94 100
65 38.1 5.1 45.1
66 53.9 13.1 53.1#





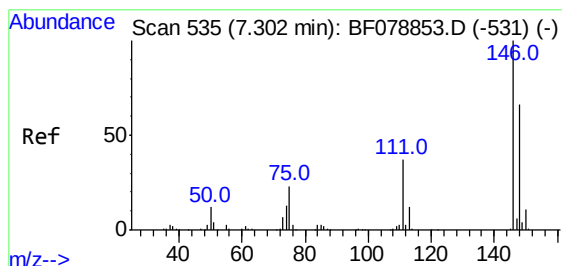
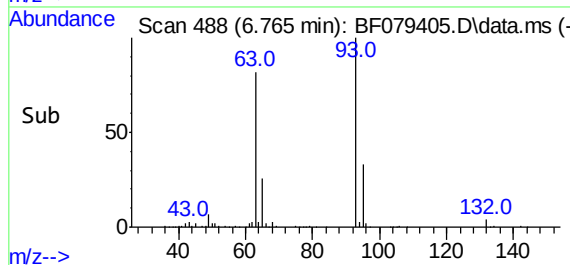
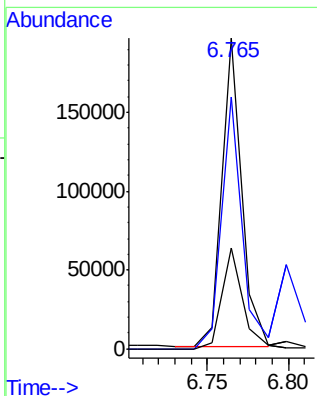
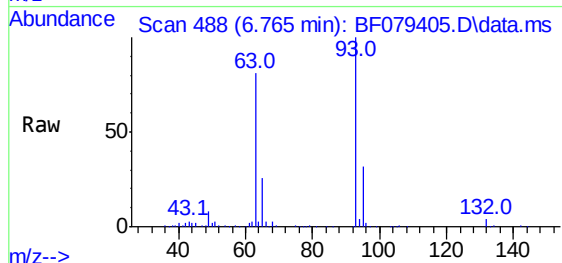
#11
bis(2-Chloroethyl)ether
Concen: 41.27 ng
RT: 6.765 min Scan# 488
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion: 93 Resp: 166540
Ion Ratio Lower Upper
93 100
63 80.9 50.8 90.8
95 32.4 13.9 53.9

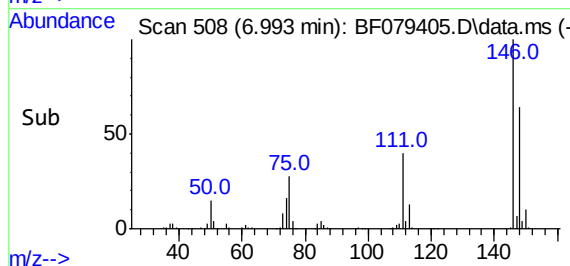
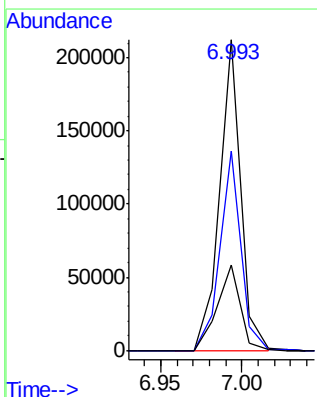
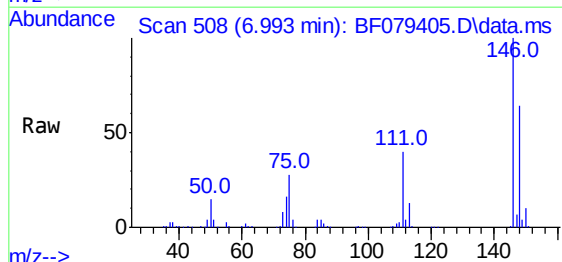
Manual Integrations
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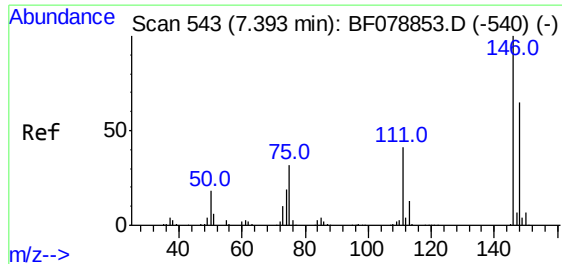
apatel
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#12
1,3-Dichlorobenzene
Concen: 41.79 ng
RT: 6.993 min Scan# 508
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:146 Resp: 191259
Ion Ratio Lower Upper
146 100
148 64.1 52.4 78.6
75 27.6 18.6 27.8

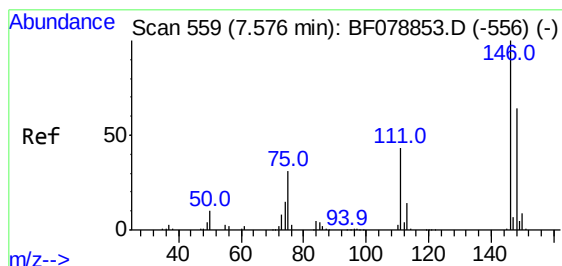
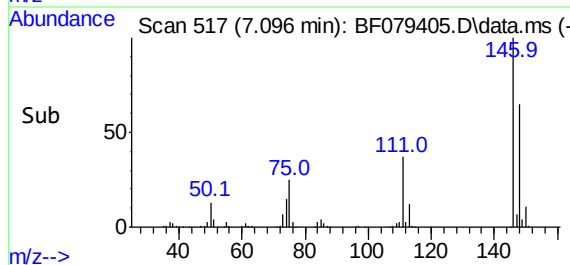
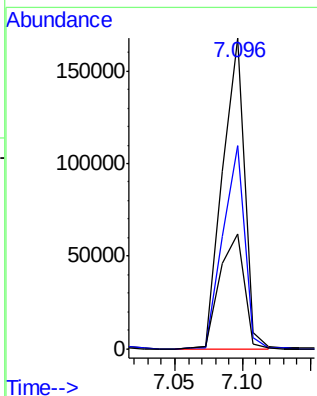
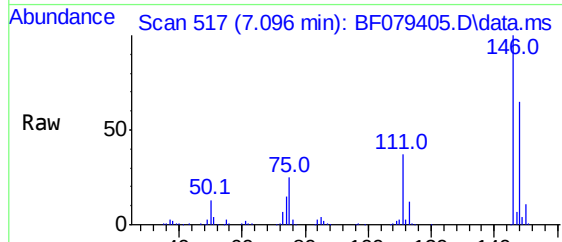




#13
1,4-Dichlorobenzene
Concen: 40.07 ng
RT: 7.096 min Scan# 517
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

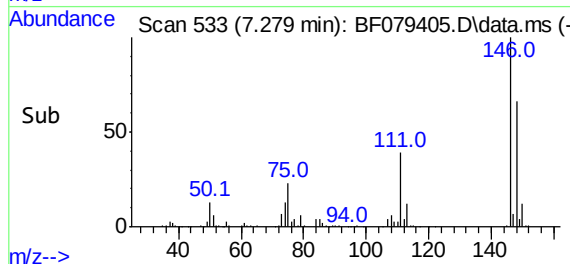
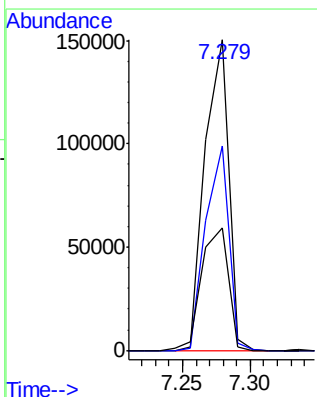
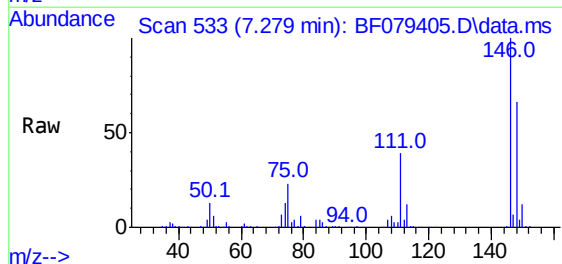
Instrument :
BNA_F
ClientSampleId :
PB83521BS

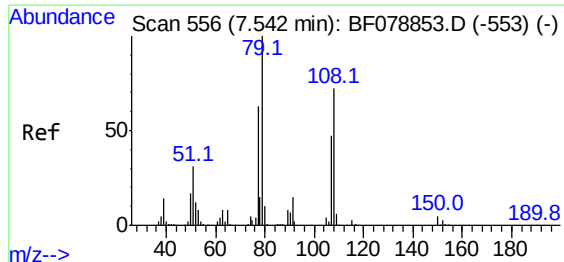
Tgt Ion:146 Resp: 188704
Ion Ratio Lower Upper
146 100
148 65.4 51.7 77.5
111 37.2 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 40.69 ng
RT: 7.279 min Scan# 533
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:146 Resp: 178399
Ion Ratio Lower Upper
146 100
148 65.7 51.1 76.7
111 39.5 34.6 52.0





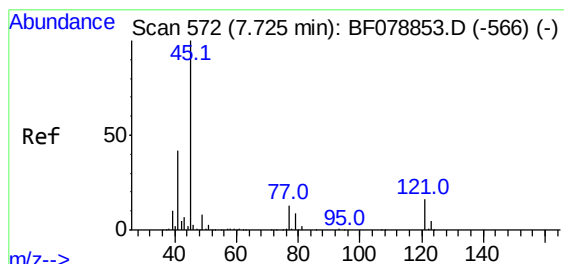
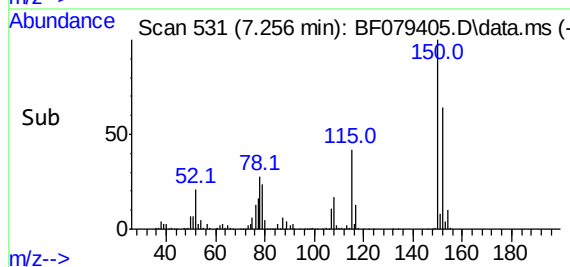
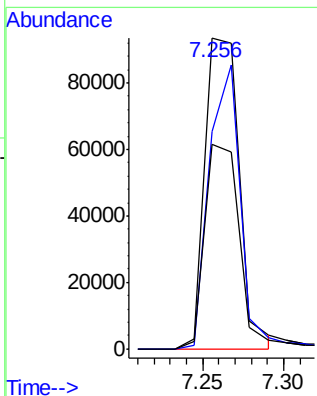
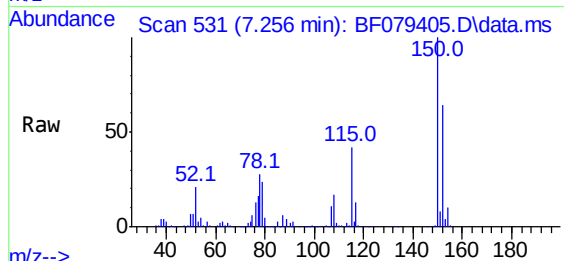
#15
Benzyl Alcohol
Concen: 39.11 ng
RT: 7.256 min Scan# 531
Delta R.T. -0.011 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion: 79 Resp: 137766
Ion Ratio Lower Upper
79 100
108 70.1 57.4 86.2
77 66.0 50.2 75.4

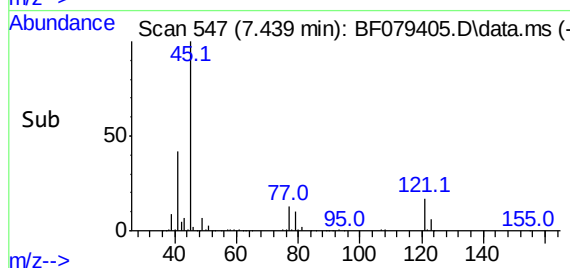
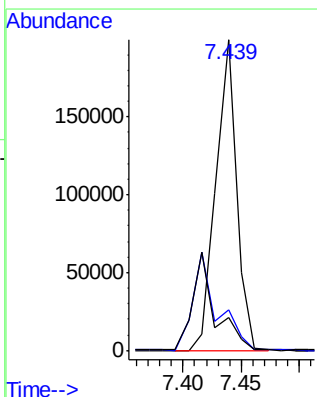
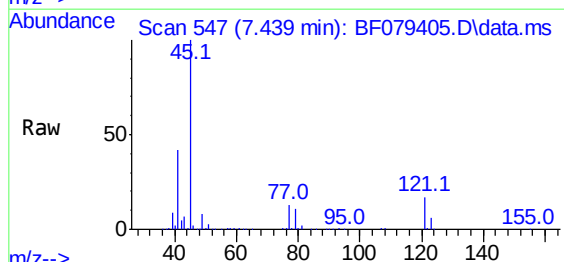
Manual Integrations
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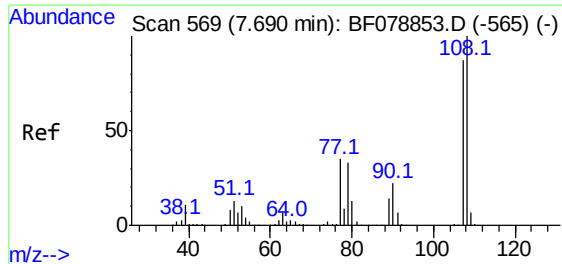
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.22 ng
RT: 7.439 min Scan# 547
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 45 Resp: 248320
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.6
79 10.5 0.0 29.3





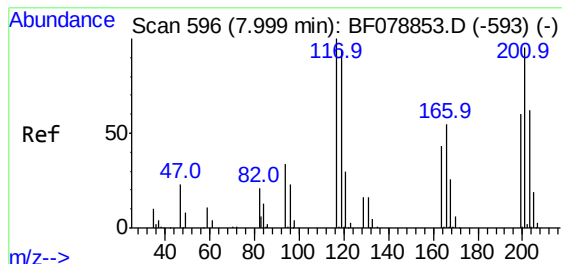
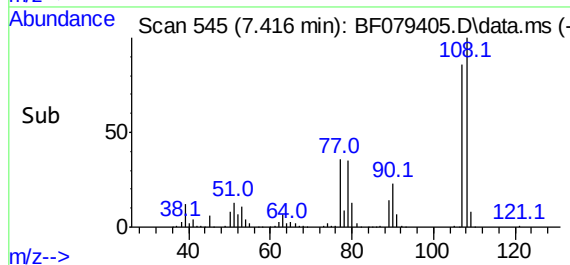
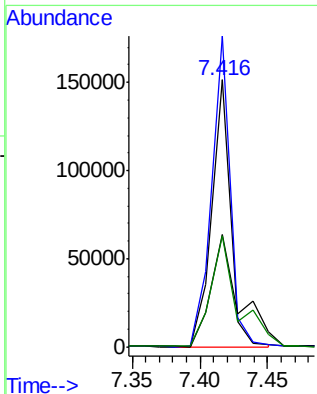
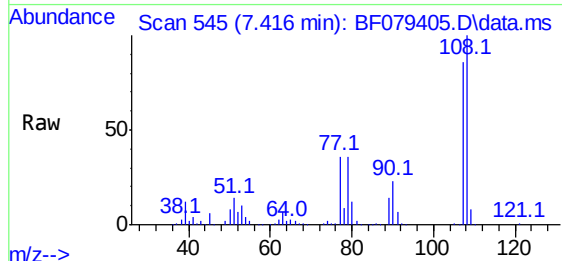
#17
2-Methylphenol
Concen: 42.72 ng
RT: 7.416 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion:107 Resp: 139977
Ion Ratio Lower Upper
107 100
108 116.5 92.4 138.6
77 42.0 32.6 49.0
79 41.6 30.9 46.3

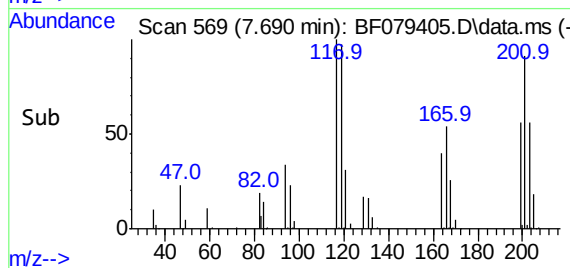
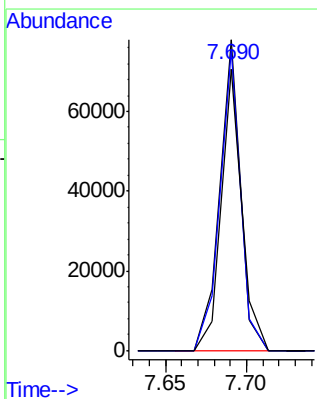
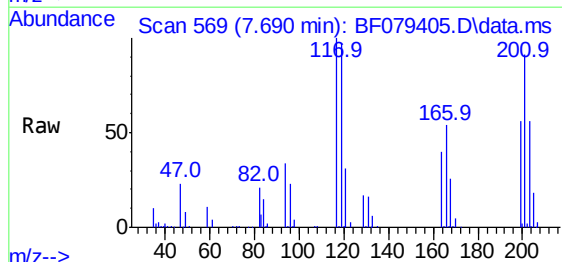
Manual Integrations
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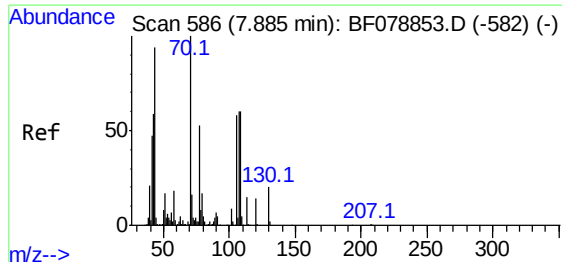
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#18
Hexachloroethane
Concen: 42.62 ng
RT: 7.690 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:117 Resp: 69146
Ion Ratio Lower Upper
117 100
119 96.7 75.2 112.8
201 90.6 75.8 113.8





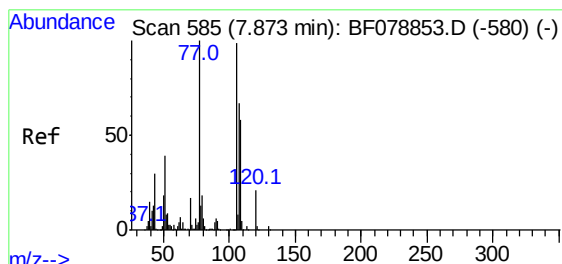
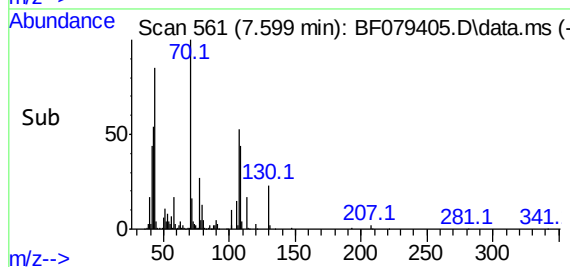
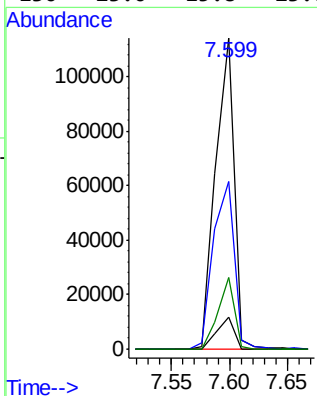
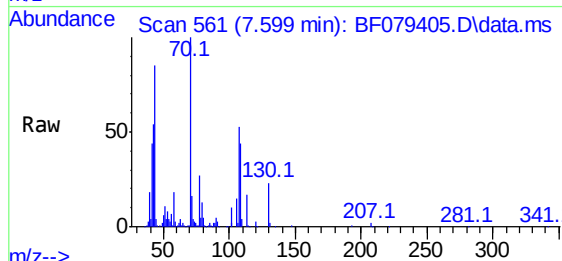
#19
n-Nitroso-di-n-propylamine
Concen: 39.33 ng
RT: 7.599 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion: 70 Resp: 126050
Ion Ratio Lower Upper
70 100
42 54.0 47.3 70.9
101 10.1 7.5 11.3
130 23.0 15.8 23.6

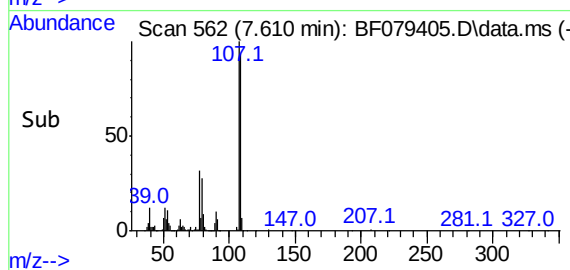
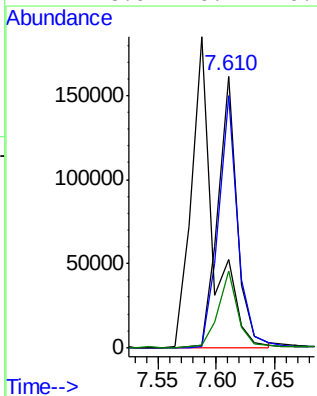
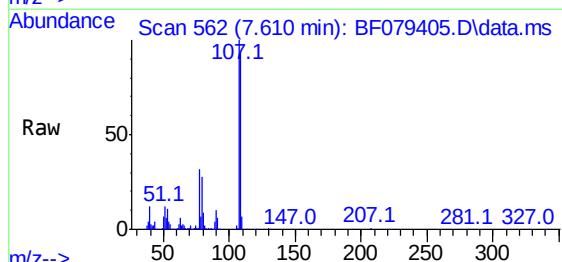
Manual Integrations
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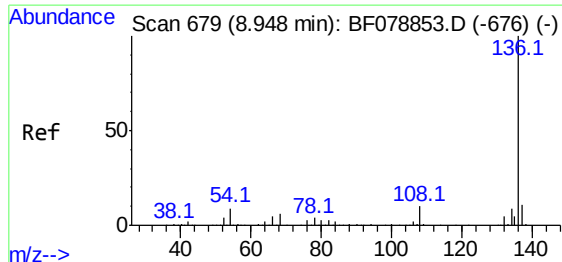
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#20
3+4-Methylphenols
Concen: 42.49 ng
RT: 7.610 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 107 Resp: 185513
Ion Ratio Lower Upper
107 100
108 92.8 66.5 106.5
77 32.4 130.6 170.6#
79 28.0 6.4 46.4





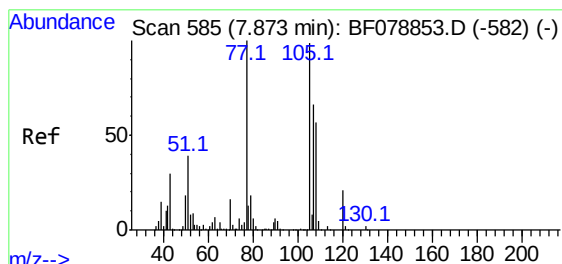
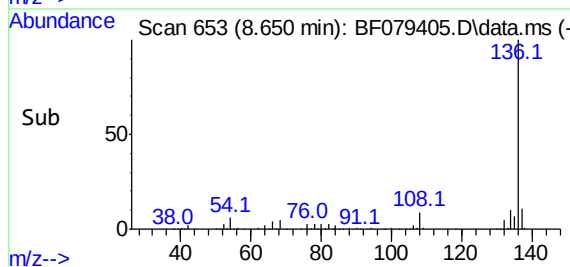
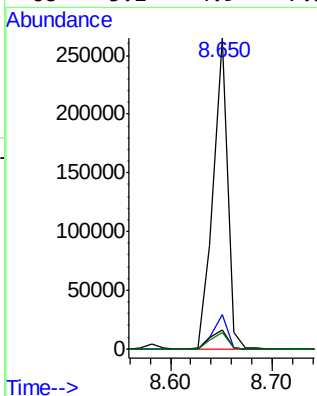
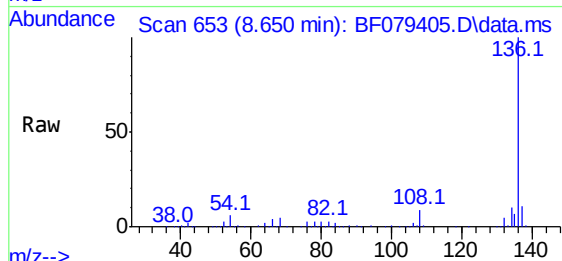
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.650 min Scan# 653
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:	136	Resp:	252591
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.2	6.9	10.3#
68	5.1	4.9	7.3

Instrument :
BNA_F
ClientSampleId :
PB83521BS

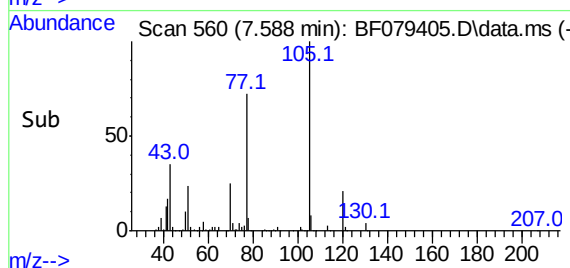
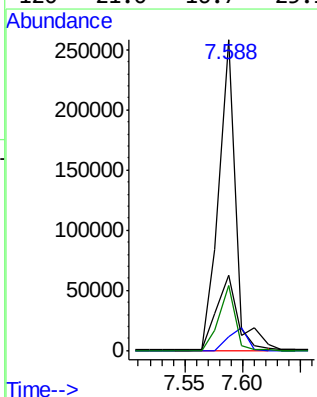
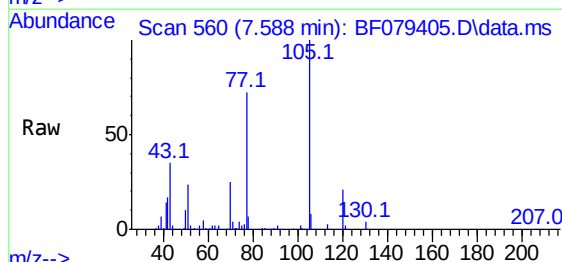
Manual Integrations
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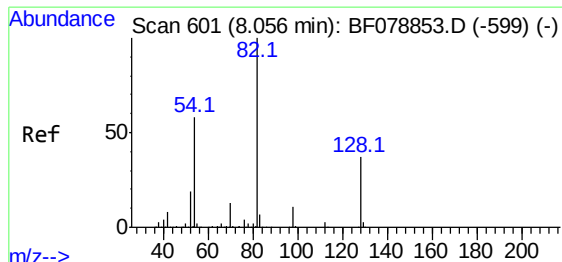
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#22
Acetophenone
Concen: 43.81 ng
RT: 7.588 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:	105	Resp:	249983
Ion	Ratio	Lower	Upper
105	100		
71	4.3	2.2	3.4#
51	24.1	31.1	46.7#
120	21.0	16.7	25.1





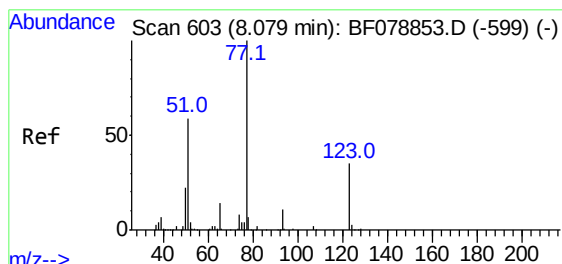
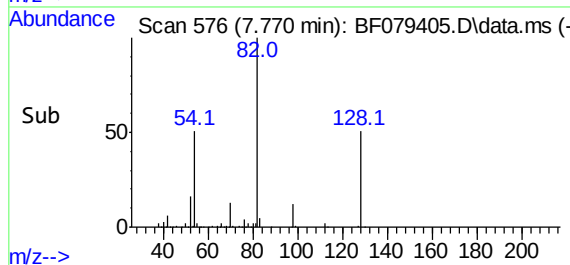
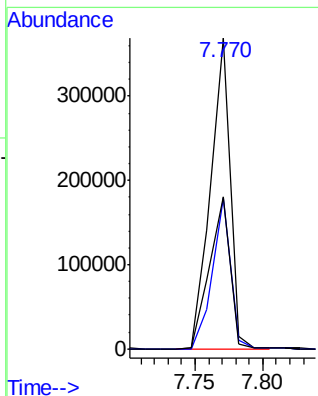
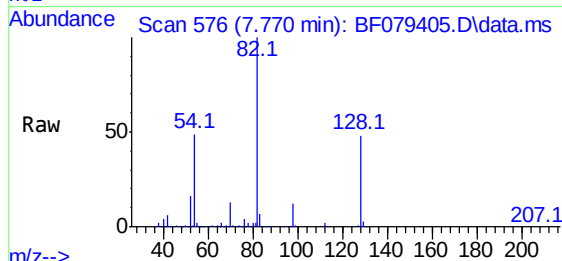
#23
Nitrobenzene-d5
Concen: 82.56 ng
RT: 7.770 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 82 Resp: 362831
Ion Ratio Lower Upper
82 100
128 48.5 29.7 44.5#
54 48.9 46.2 69.4

Instrument :
BNA_F
ClientSampleId :
PB83521BS

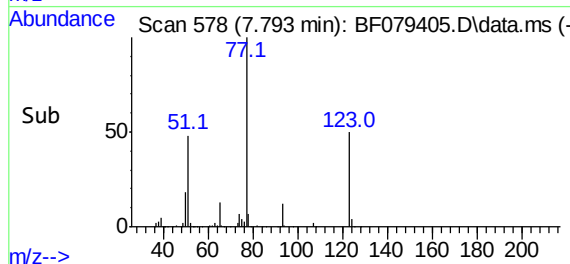
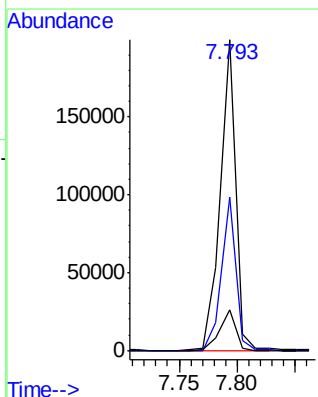
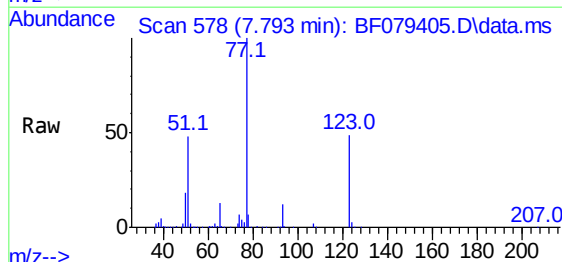
Manual Integrations
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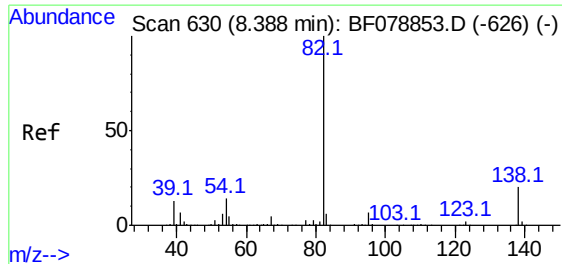
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#24
Nitrobenzene
Concen: 42.14 ng
RT: 7.793 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 77 Resp: 183578
Ion Ratio Lower Upper
77 100
123 49.5 28.3 42.5#
65 12.9 11.0 16.4





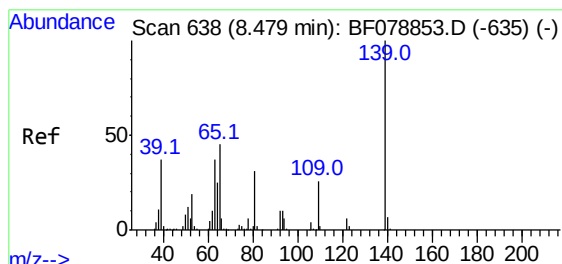
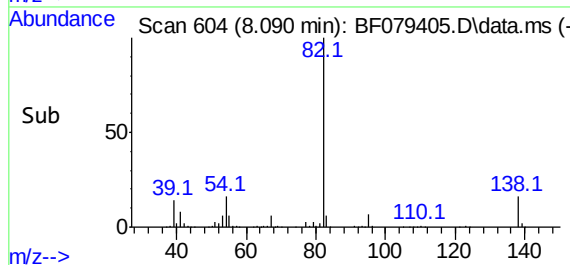
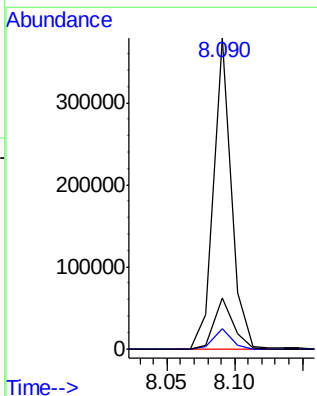
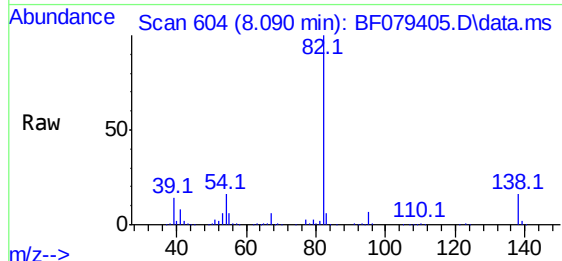
#25
Isophorone
Concen: 41.52 ng
RT: 8.090 min Scan# 604
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 82 Resp: 338304
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 16.4 16.1 24.1

Instrument :
BNA_F
ClientSampleId :
PB83521BS

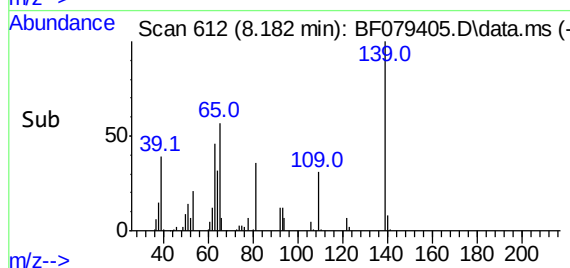
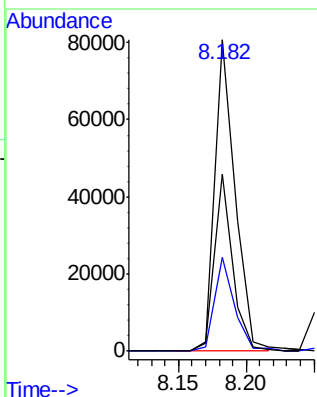
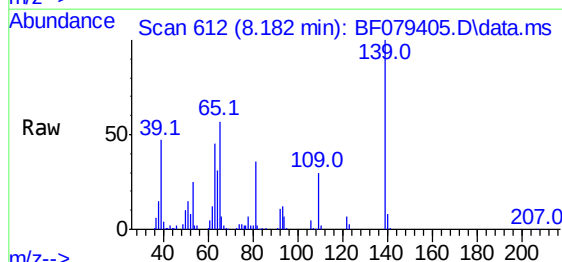
Manual Integrations
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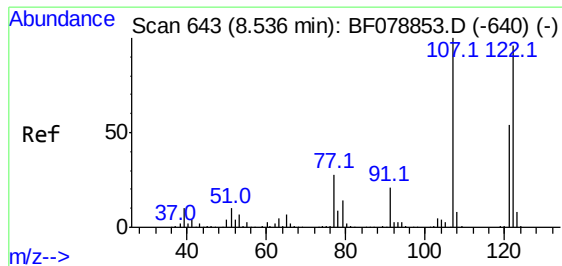
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#26
2-Nitrophenol
Concen: 45.40 ng
RT: 8.182 min Scan# 612
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:139 Resp: 81856
Ion Ratio Lower Upper
139 100
109 30.0 20.9 31.3
65 56.9 35.8 53.8#

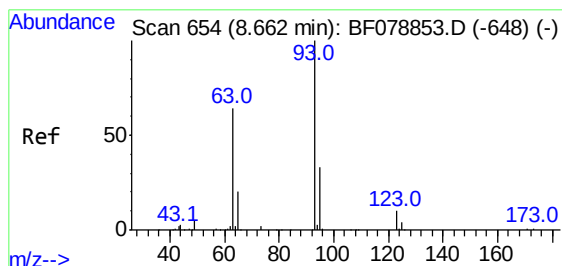
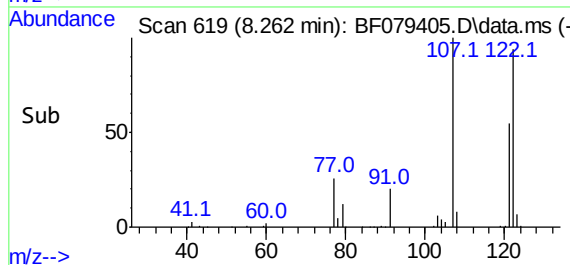
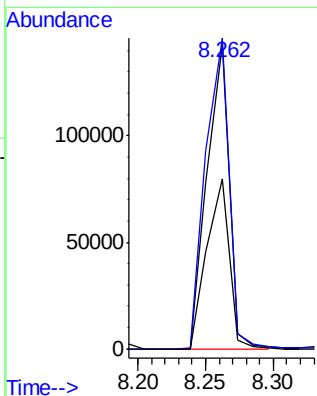
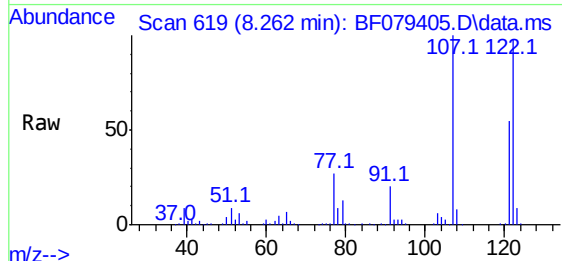




#27
2,4-Dimethylphenol
Concen: 43.73 ng
RT: 8.262 min Scan# 619
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

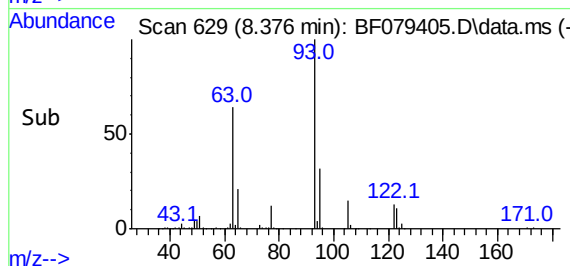
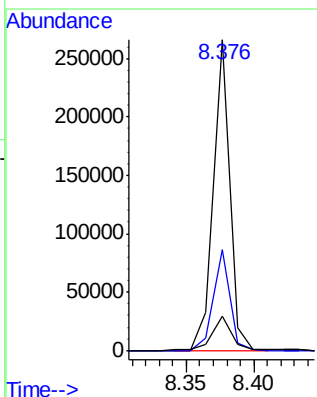
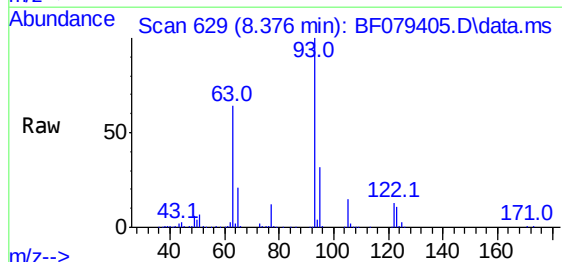
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ClientSampleId :
PB83521BS

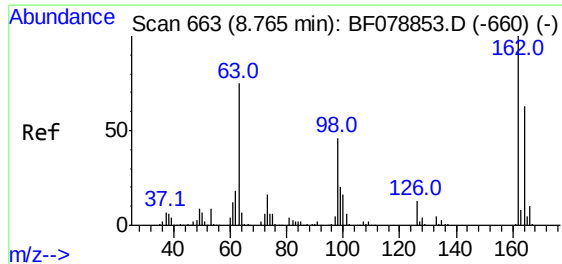
Tgt Ion:122 Resp: 157773
Ion Ratio Lower Upper
122 100
107 102.3 83.6 125.4
121 56.1 44.9 67.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.76 ng
RT: 8.376 min Scan# 629
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 93 Resp: 219819
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 11.2 8.6 12.8





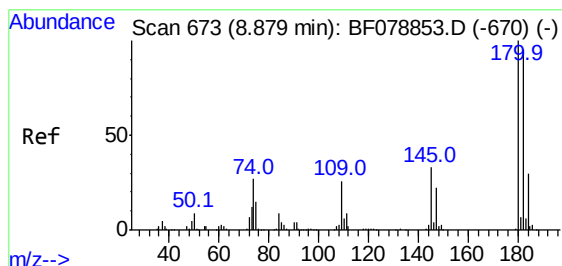
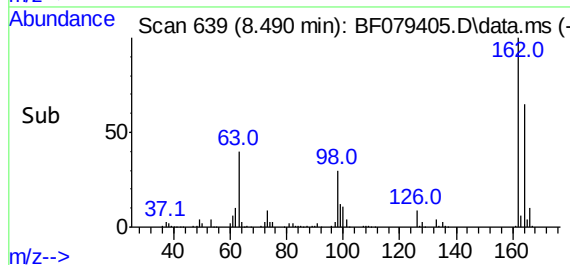
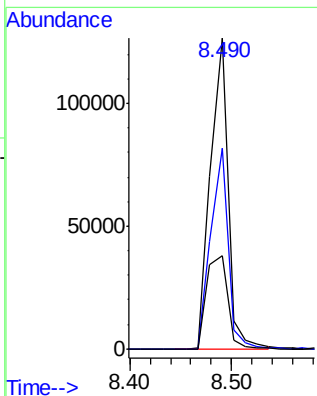
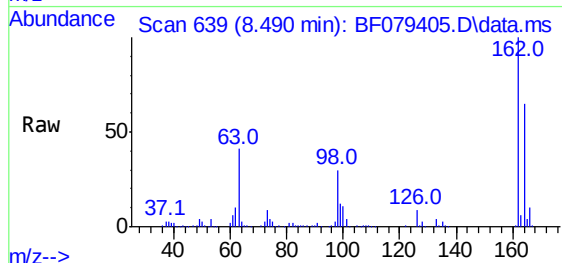
#29
2,4-Dichlorophenol
Concen: 45.92 ng
RT: 8.490 min Scan# 639
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion:162 Resp: 147340
Ion Ratio Lower Upper
162 100
164 64.6 42.7 82.7
98 29.8 26.3 66.3

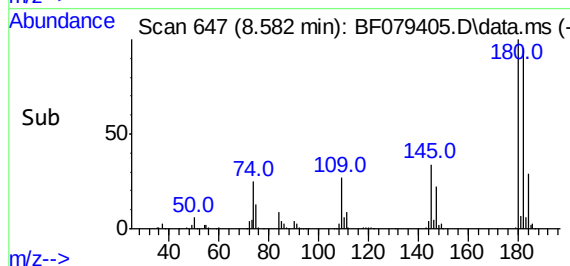
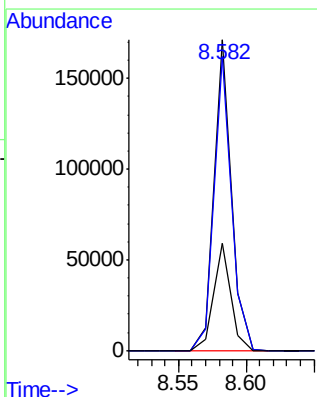
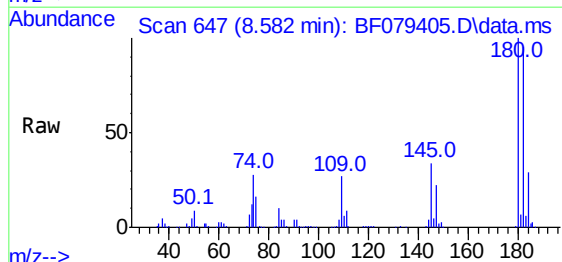
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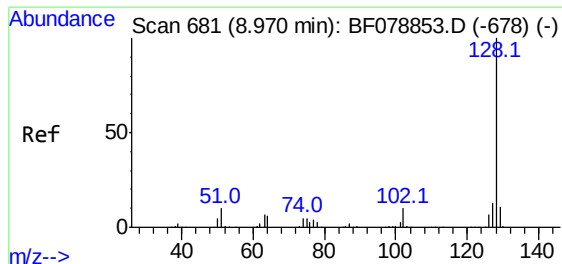
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#30
1,2,4-Trichlorobenzene
Concen: 42.10 ng
RT: 8.582 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:180 Resp: 148392
Ion Ratio Lower Upper
180 100
182 94.7 75.7 113.5
145 34.4 26.2 39.4

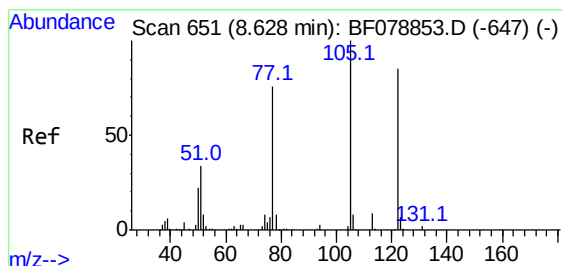
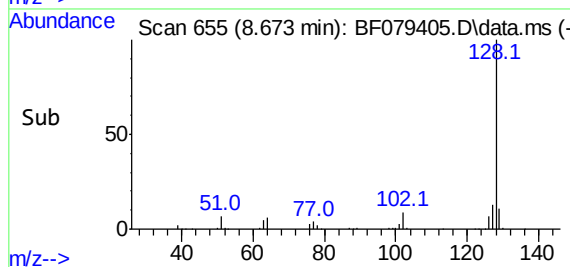
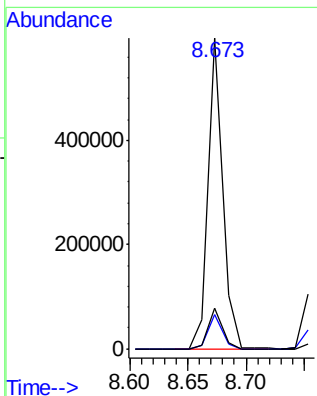
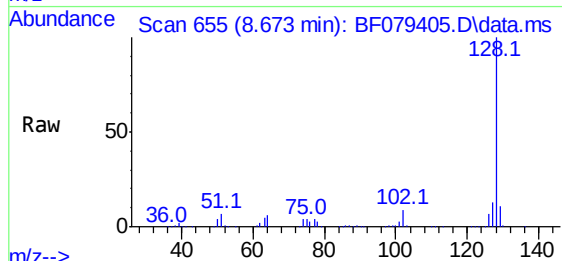




#31
Naphthalene
Concen: 43.30 ng
RT: 8.673 min Scan# 655
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

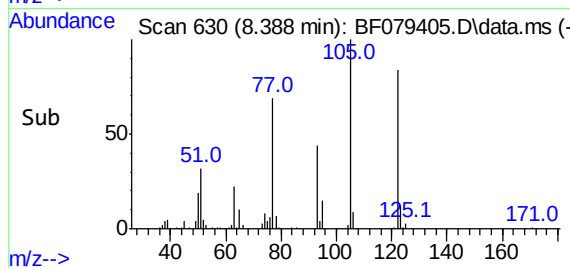
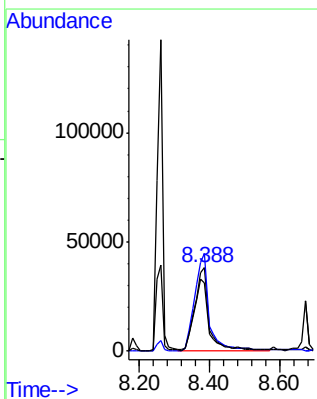
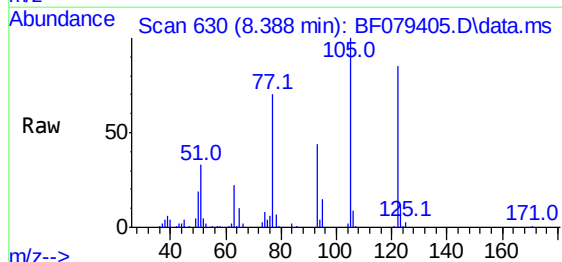
Instrument :
BNA_F
ClientSampleId :
PB83521BS

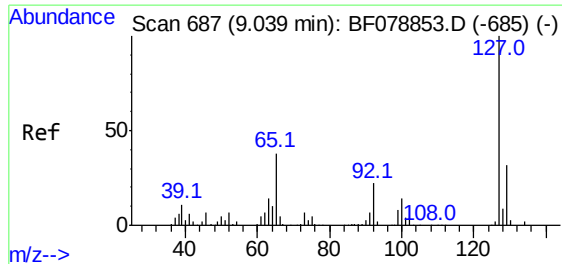
Tgt Ion:128 Resp: 521133
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 47.47 ng m
RT: 8.388 min Scan# 630
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:122 Resp: 107095
Ion Ratio Lower Upper
122 100
105 117.8 100.7 140.7
77 82.7 72.0 112.0

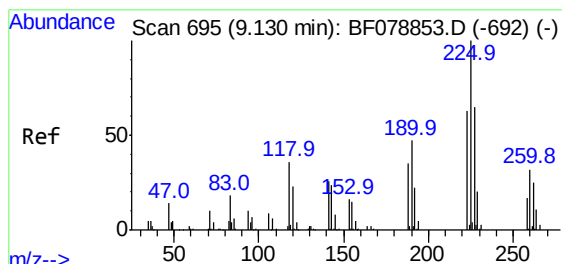
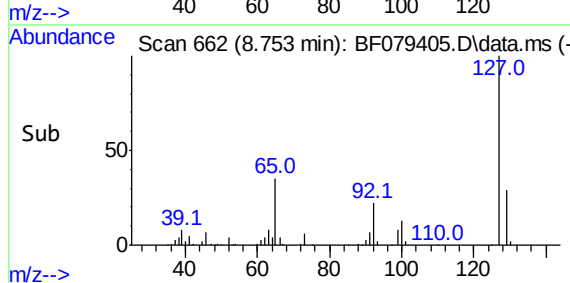
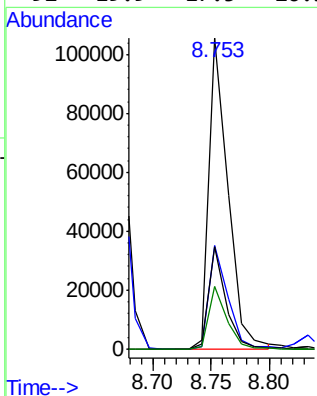
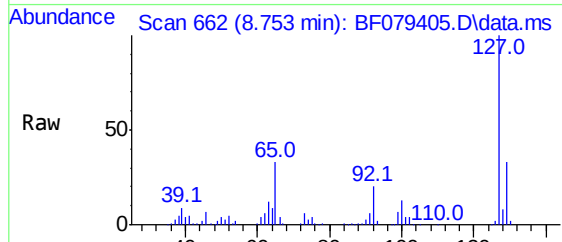




#33
4-Chloroaniline
Concen: 23.32 ng
RT: 8.753 min Scan# 662
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

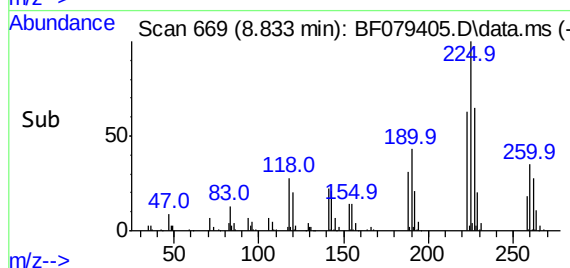
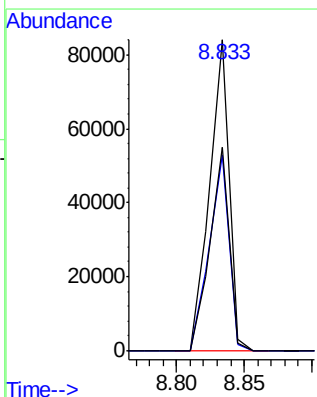
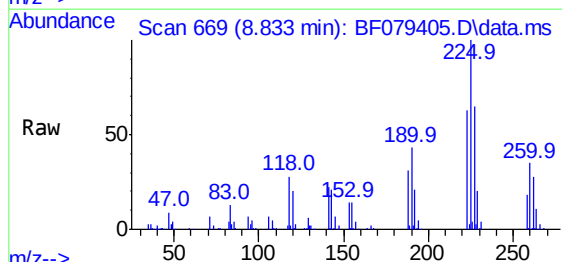
Instrument :
BNA_F
ClientSampleId :
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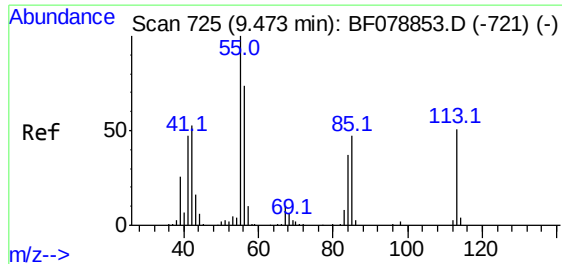
Tgt Ion:	127	Resp:	118760
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.6	38.4
65	32.7	30.2	45.4
92	19.9	17.5	26.3



#34
Hexachlorobutadiene
Concen: 40.34 ng
RT: 8.833 min Scan# 669
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:	225	Resp:	81871
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	65.4	52.1	78.1





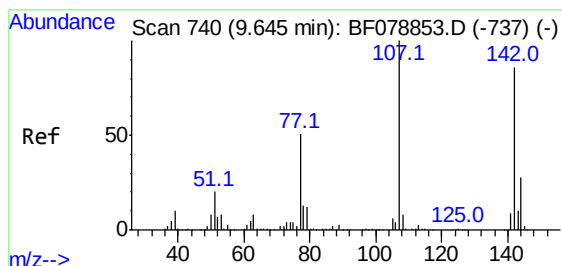
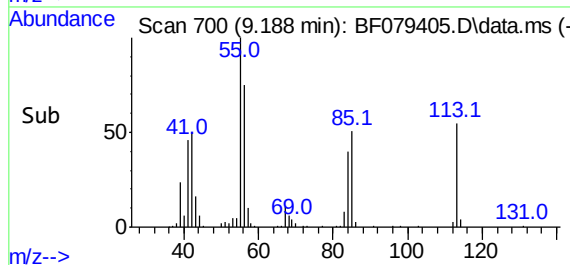
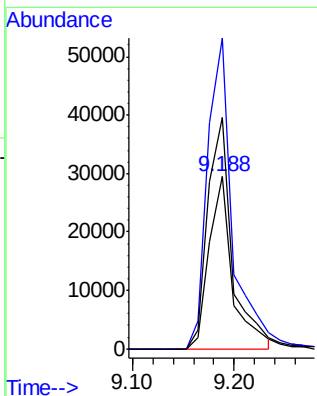
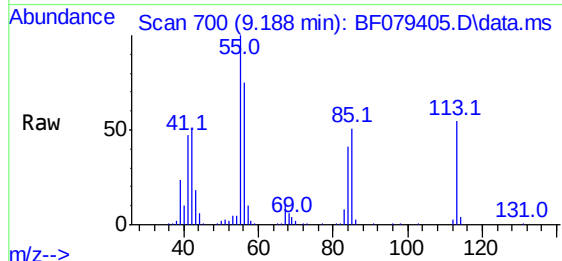
#35
Caprolactam
Concen: 44.17 ng
RT: 9.188 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion:113 Resp: 45827
Ion Ratio Lower Upper
113 100
55 180.6 176.0 216.0
56 134.8 123.8 163.8

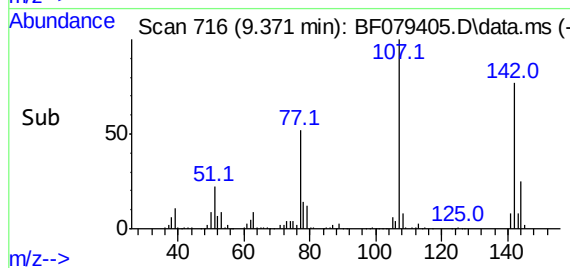
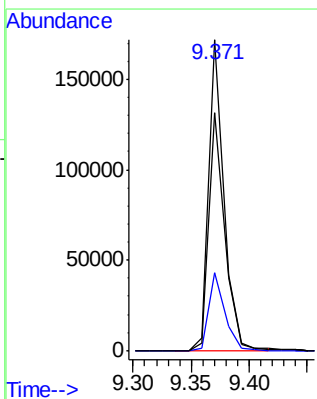
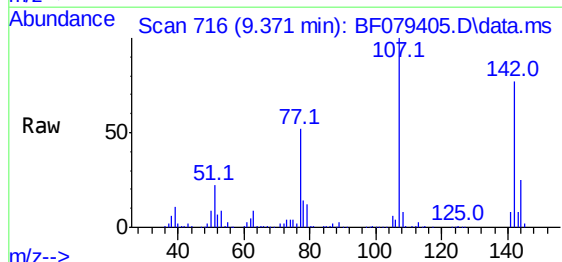
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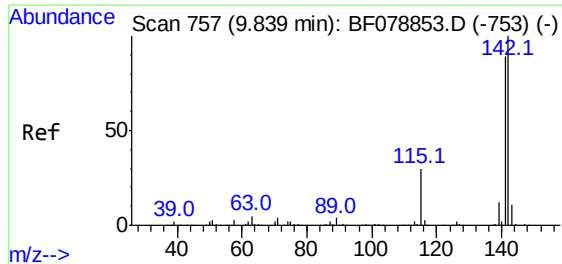
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#36
4-Chloro-3-methylphenol
Concen: 46.21 ng
RT: 9.371 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:107 Resp: 155728
Ion Ratio Lower Upper
107 100
144 25.0 22.5 33.7
142 76.7 68.6 103.0

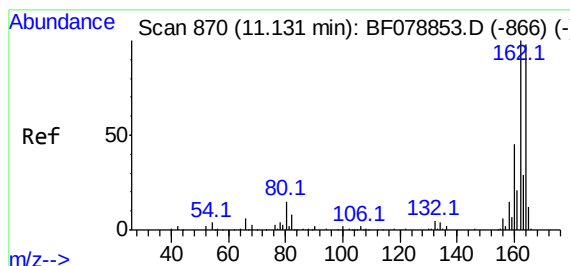
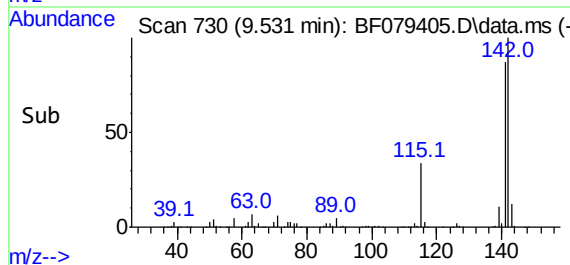
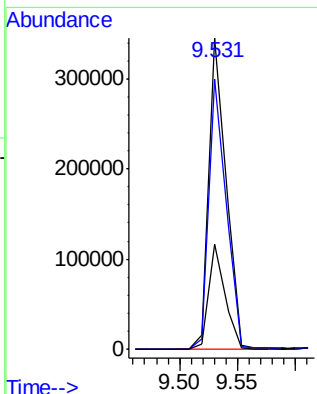
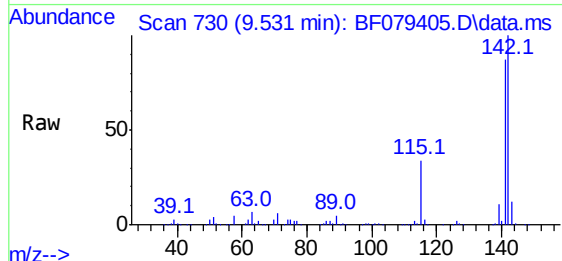




#37
2-Methylnaphthalene
Concen: 42.68 ng
RT: 9.531 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

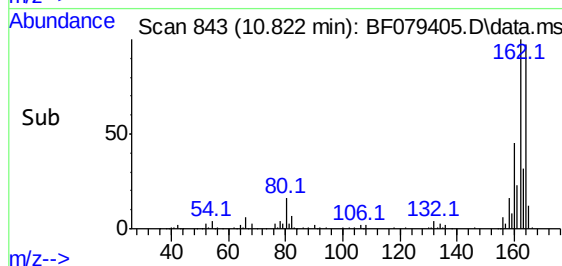
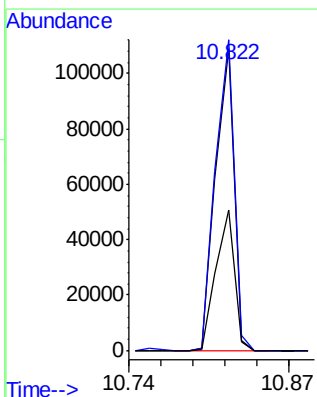
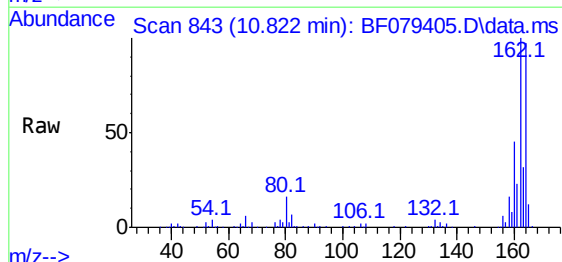
Instrument :
BNA_F
ClientSampleId :
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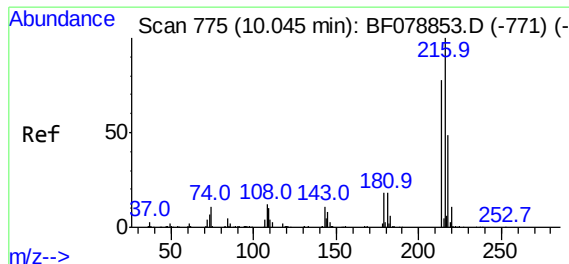
Tgt Ion:142 Resp: 355932
Ion Ratio Lower Upper
142 100
141 86.9 71.6 107.4
115 33.8 24.2 36.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.822 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:164 Resp: 120398
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 46.7 36.6 54.8



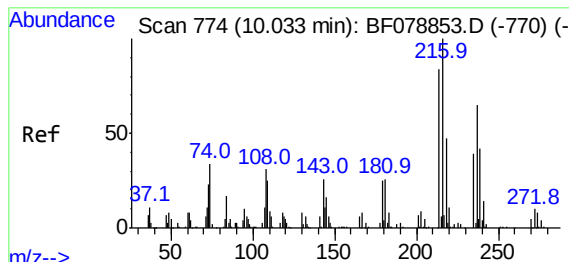
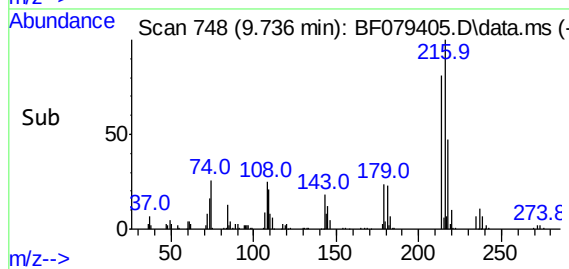
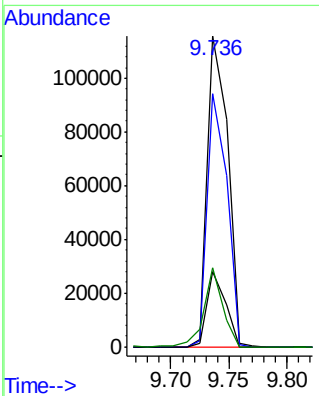
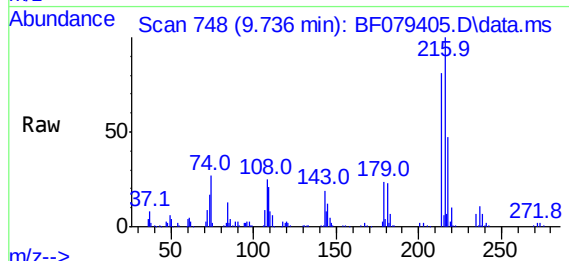


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.53 ng
 RT: 9.736 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:	216	Resp:	140830
Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.0	96.0
179	21.9	17.0	25.4
108	23.4	17.0	25.6

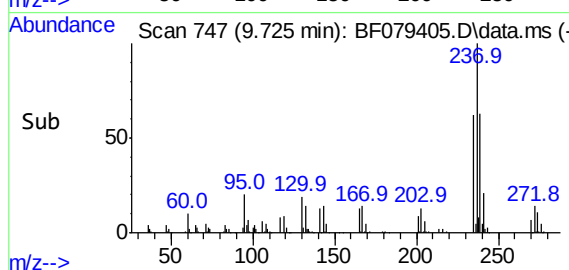
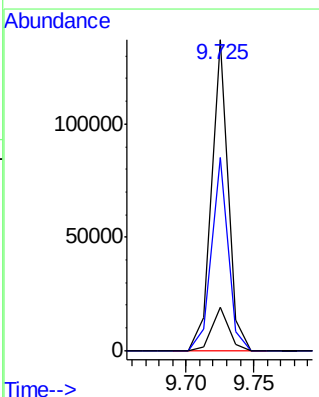
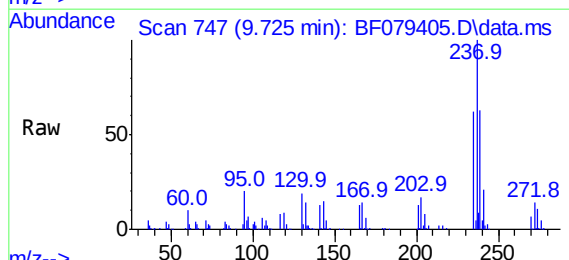
Instrument :
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 ClientSampleId :
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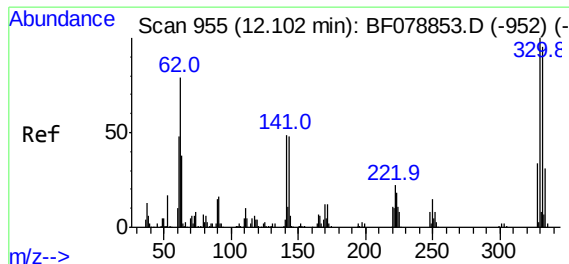
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#40
 Hexachlorocyclopentadiene
 Concen: 66.29 ng
 RT: 9.725 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:	237	Resp:	113033
Ion	Ratio	Lower	Upper
237	100		
235	62.1	40.0	80.0
272	14.0	0.0	36.0

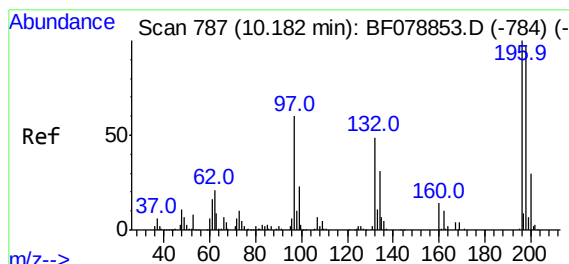
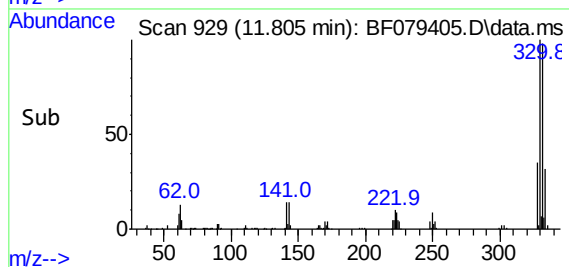
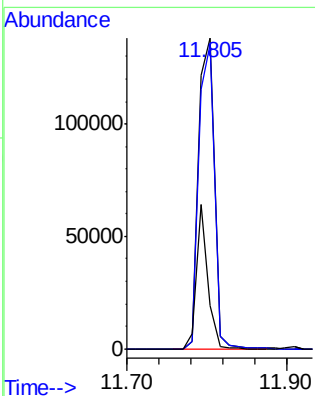
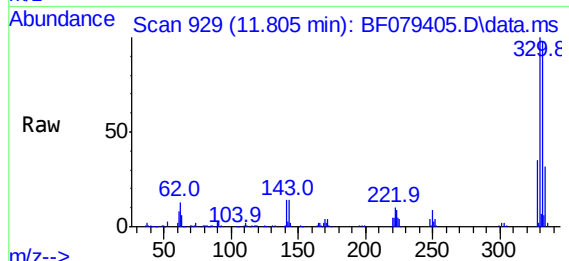




#41
2,4,6-Tribromophenol
Concen: 143.68 ng
RT: 11.805 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

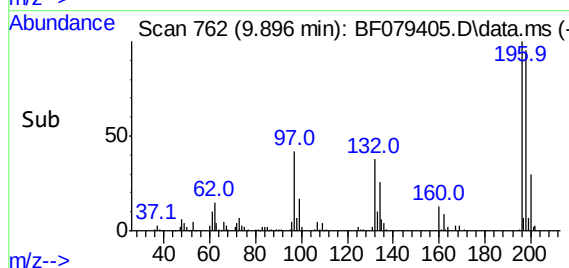
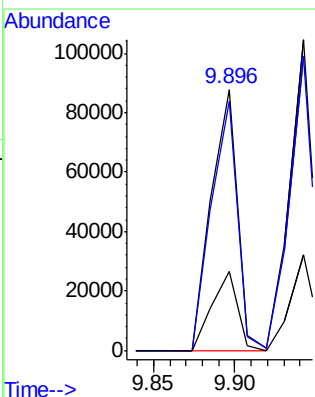
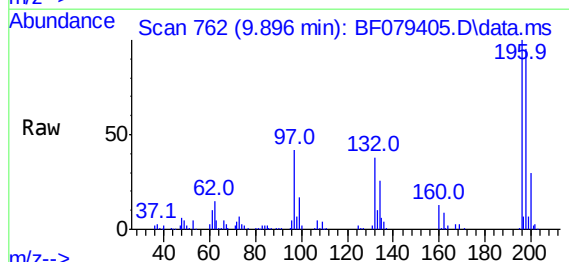
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BNA_F
ClientSampleId :
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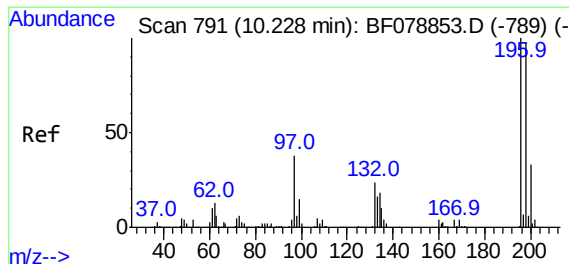
Tgt Ion:330 Resp: 187141
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 33.6 27.8 41.8



#42
2,4,6-Trichlorophenol
Concen: 42.38 ng
RT: 9.896 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:196 Resp: 98789
Ion Ratio Lower Upper
196 100
198 95.3 77.4 116.2
200 30.5 23.7 35.5



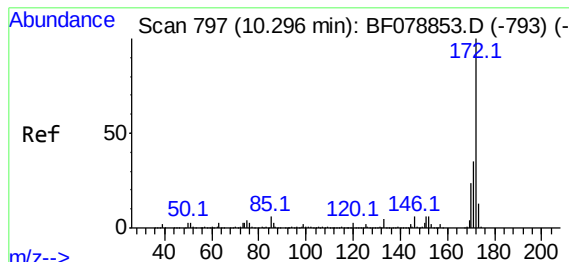
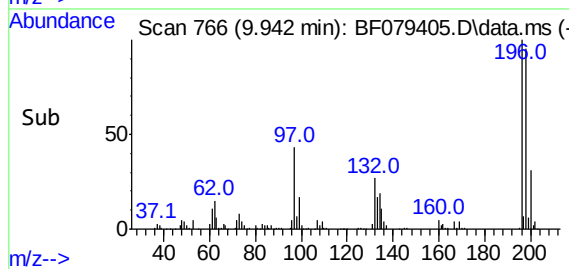
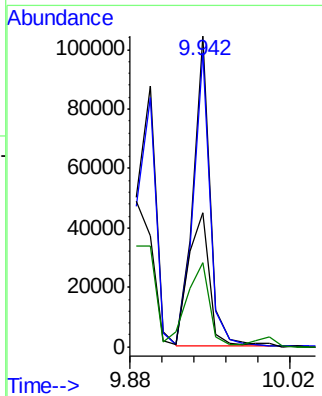
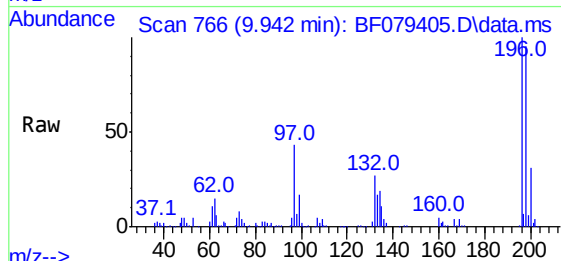


#43
 2,4,5-Trichlorophenol
 Concen: 45.13 ng
 RT: 9.942 min Scan# 766
 Delta R.T. 0.000 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:	196	Resp:	106373
Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.3	115.9
97	43.3	31.3	46.9
132	27.2	19.7	29.5

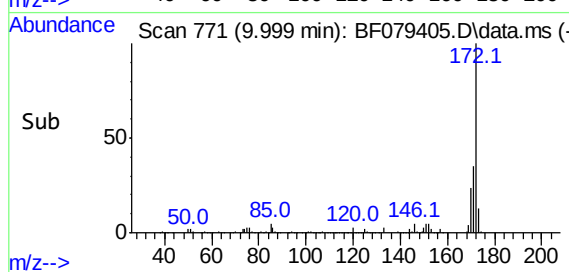
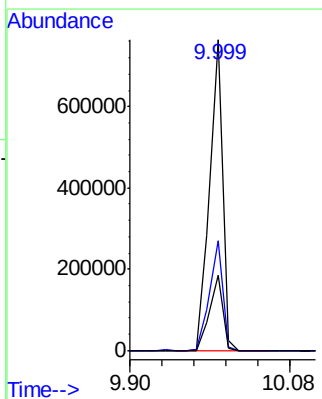
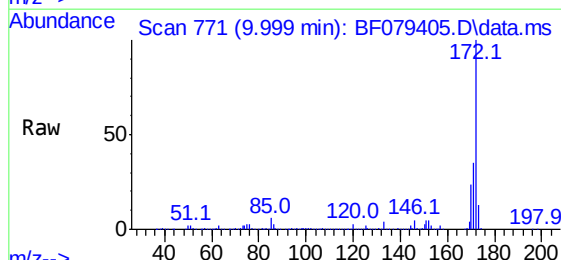
Instrument :
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 ClientSampleId :
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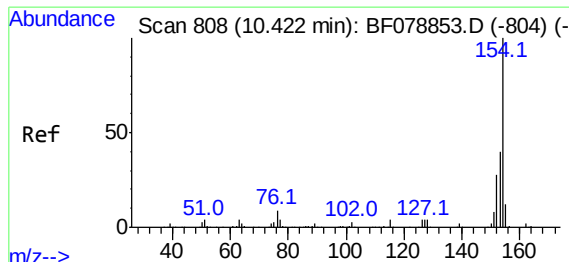
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 9.999 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:	172	Resp:	739208
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	24.4	19.4	29.2

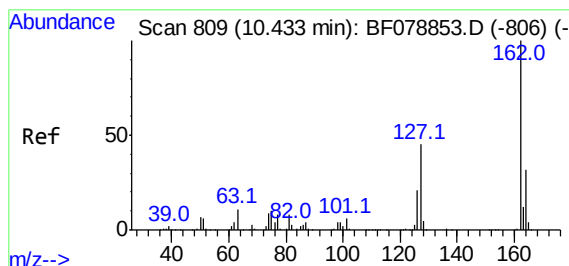
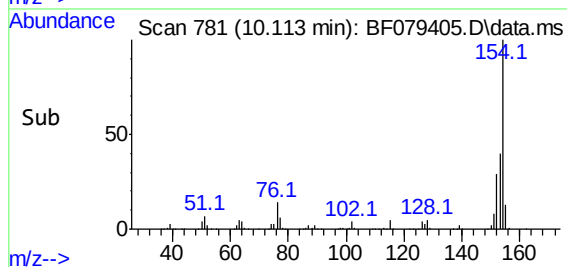
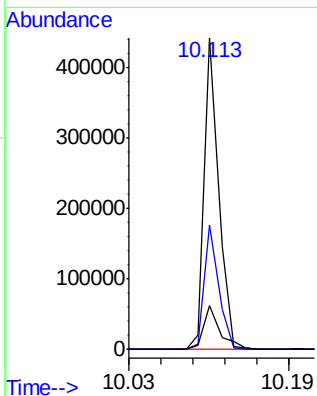
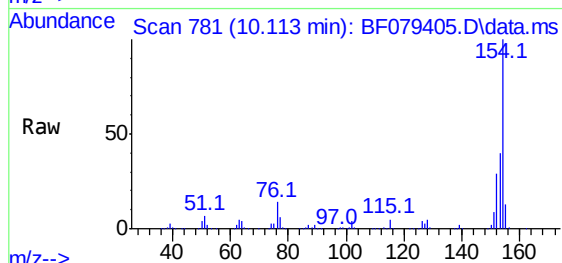




#45
1,1'-Biphenyl
Concen: 43.65 ng
RT: 10.113 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

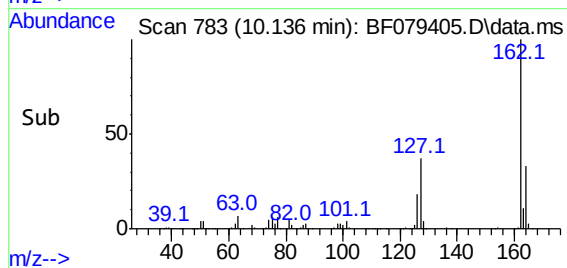
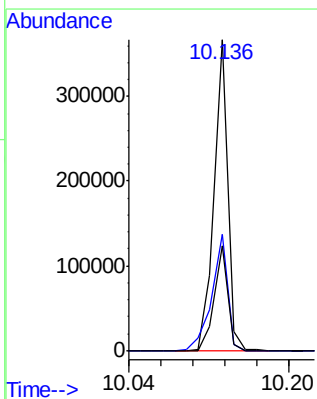
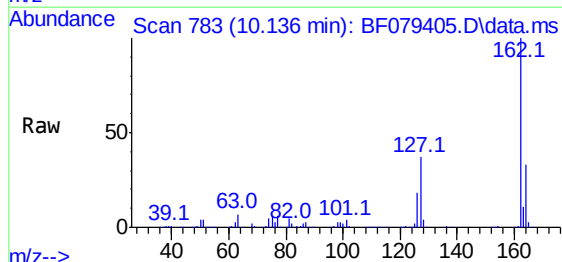
Instrument :
BNA_F
ClientSampleId :
PB83521BS

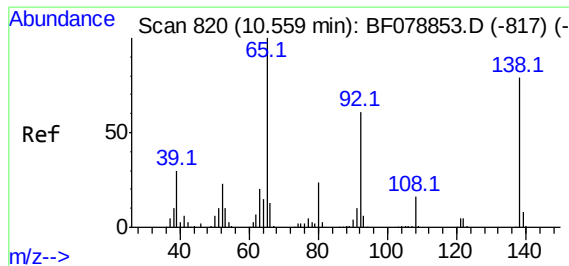
Tgt Ion:154 Resp: 417832
Ion Ratio Lower Upper
154 100
153 40.0 19.7 59.7
76 14.0 0.0 29.1



#46
2-Chloronaphthalene
Concen: 44.17 ng
RT: 10.136 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:162 Resp: 329787
Ion Ratio Lower Upper
162 100
127 37.3 36.3 54.5
164 33.5 25.9 38.9





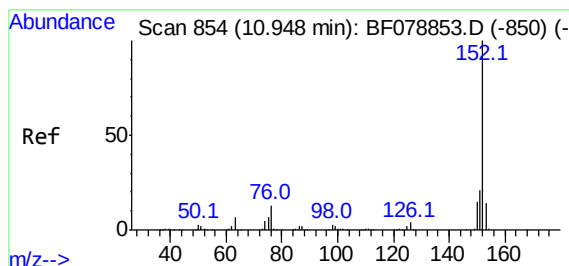
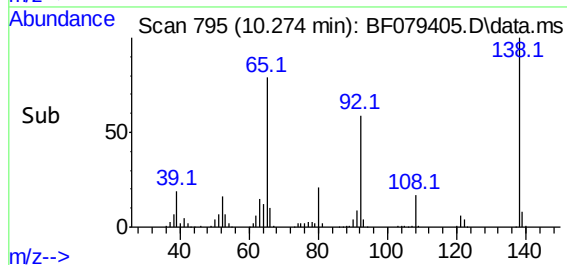
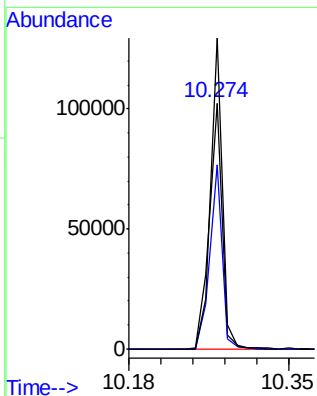
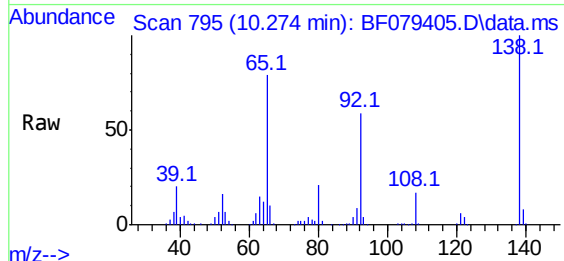
#47
2-Nitroaniline
Concen: 44.98 ng
RT: 10.274 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion: 65 Resp: 97307
Ion Ratio Lower Upper
65 100
92 74.8 49.1 73.7#
138 126.3 63.2 94.8#

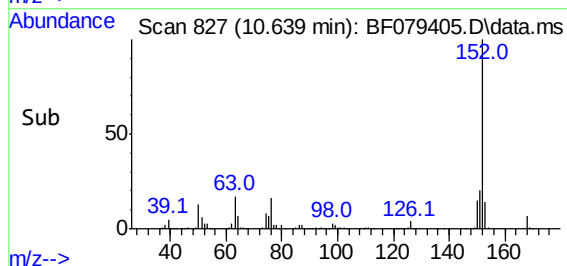
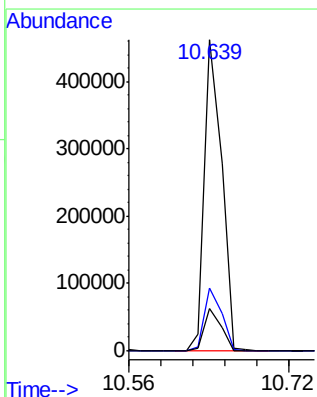
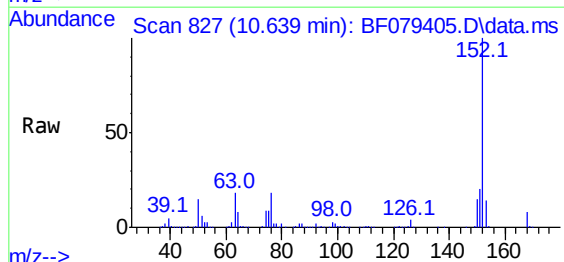
Manual Integrations
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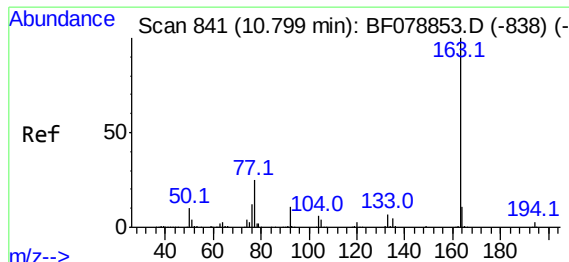
apatel
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#48
Acenaphthylene
Concen: 43.06 ng
RT: 10.639 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:152 Resp: 527886
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.5 11.0 16.6





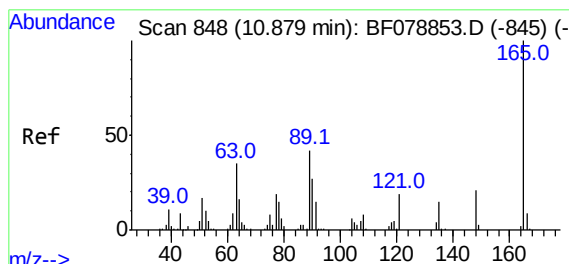
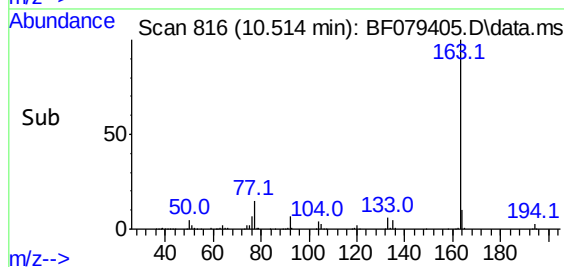
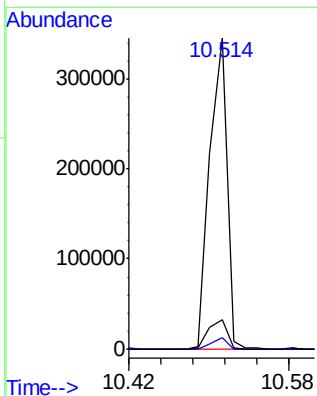
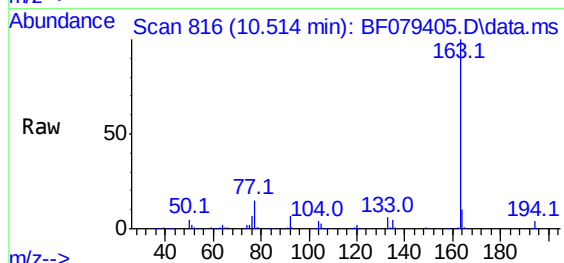
#49
Dimethylphthalate
Concen: 44.64 ng
RT: 10.514 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:163 Resp: 394428
Ion Ratio Lower Upper
163 100
194 3.6 2.4 3.6
164 9.5 8.6 12.8

Instrument :
BNA_F
ClientSampleId :
PB83521BS

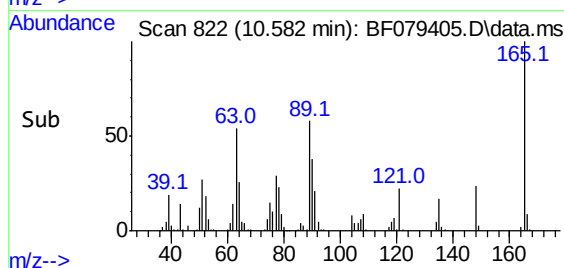
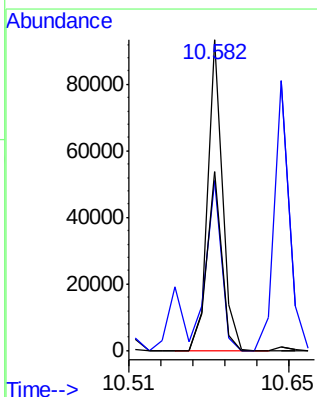
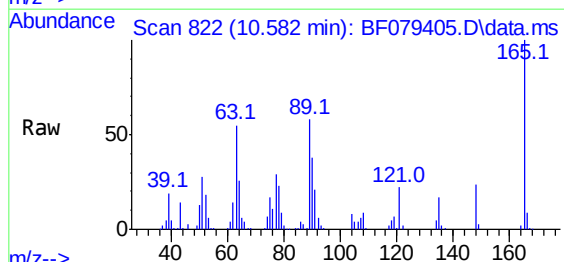
Manual Integrations
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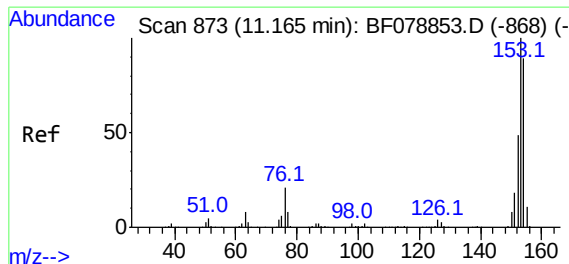
apatel
5/22/2015 4:30:28 PM



#50
2,6-Dinitrotoluene
Concen: 46.63 ng
RT: 10.582 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:165 Resp: 81311
Ion Ratio Lower Upper
165 100
63 54.8 29.2 43.8#
89 57.6 33.3 49.9#

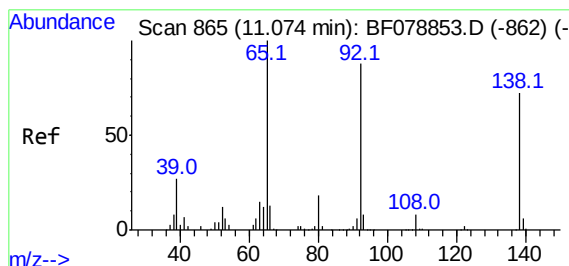
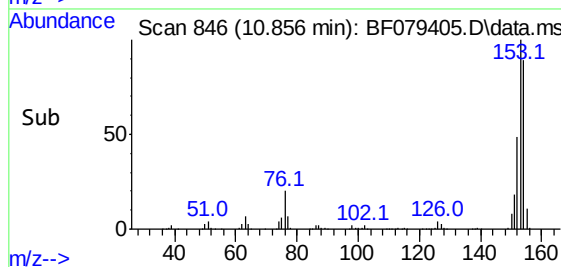
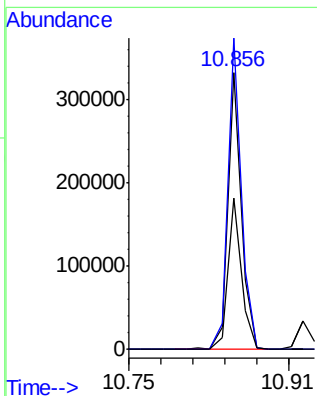
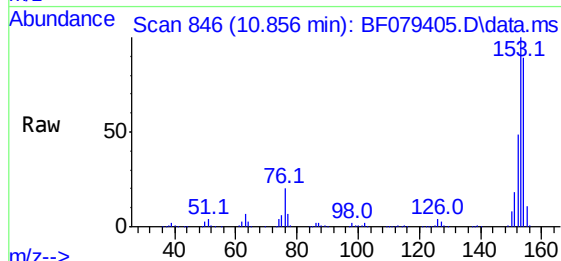




#51
Acenaphthene
Concen: 41.47 ng
RT: 10.856 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

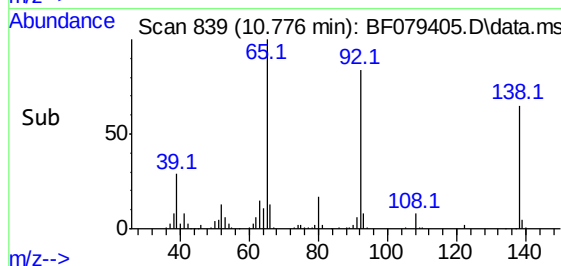
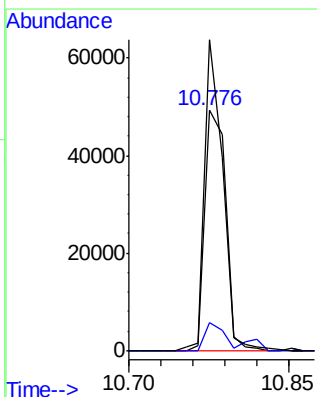
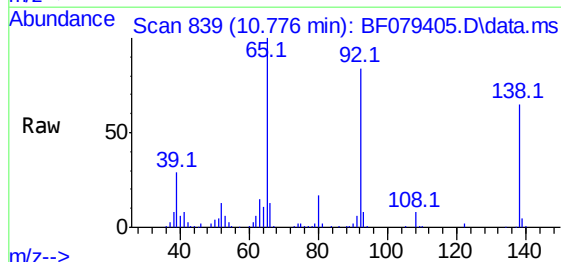
Instrument :
BNA_F
ClientSampleId :
PB83521BS

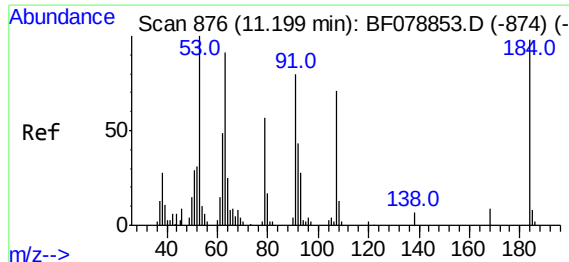
Tgt Ion:	154	Resp:	303121
Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.2	135.2
152	54.8	43.8	65.8



#52
3-Nitroaniline
Concen: 30.97 ng
RT: 10.776 min Scan# 839
Delta R.T. -0.011 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

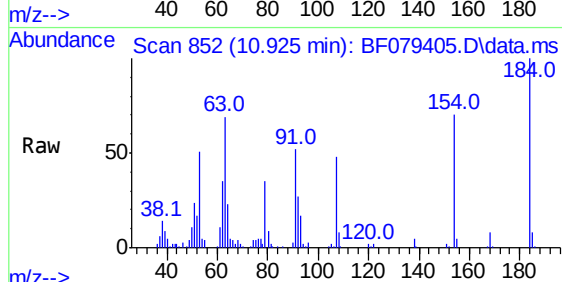
Tgt Ion:	138	Resp:	67465
Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.5	12.7
92	129.4	97.4	146.0



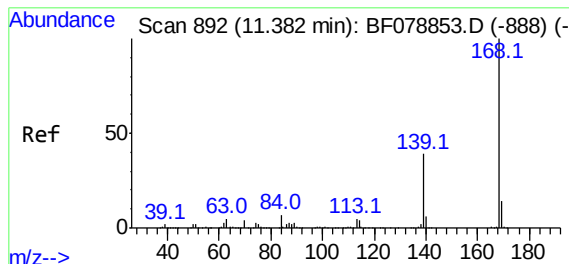
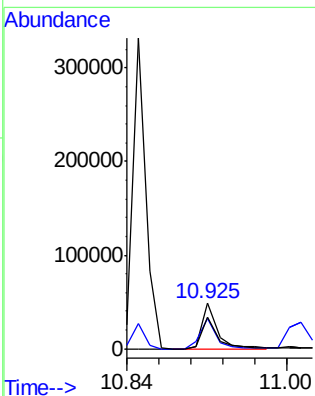
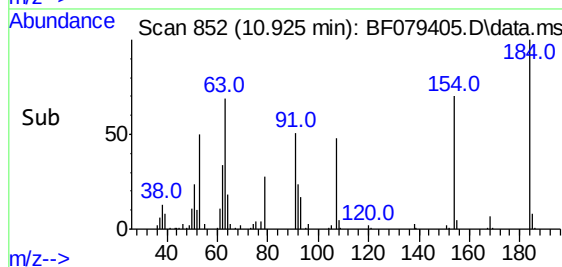


#53
2,4-Dinitrophenol
Concen: 72.82 ng
RT: 10.925 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

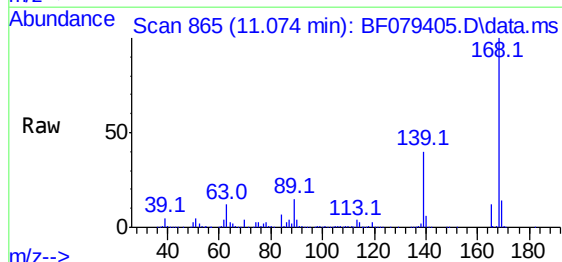
Instrument :
BNA_F
ClientSampleId :
PB83521BS



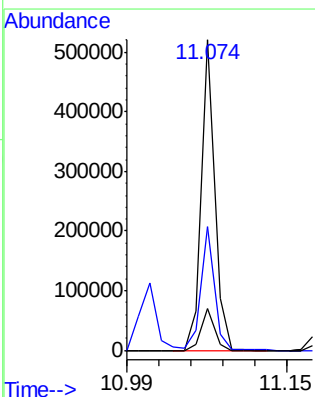
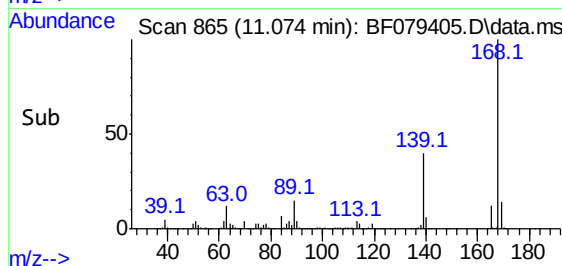
Tgt Ion:184 Resp: 50546
Ion Ratio Lower Upper
184 100
63 68.6 98.8 148.2#
154 69.9 63.4 95.0

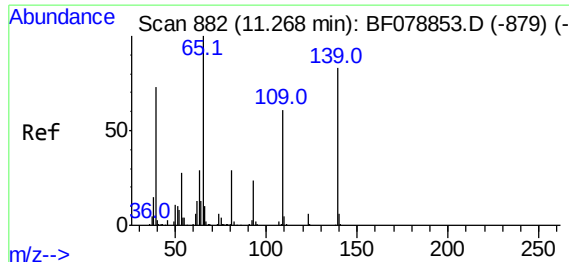


#54
Dibenzofuran
Concen: 43.93 ng
RT: 11.074 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15



Tgt Ion:168 Resp: 463904
Ion Ratio Lower Upper
168 100
139 39.9 31.5 47.3
169 13.6 11.0 16.4





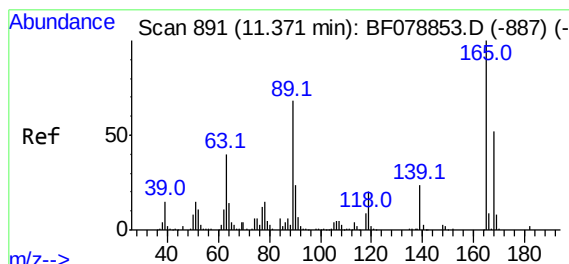
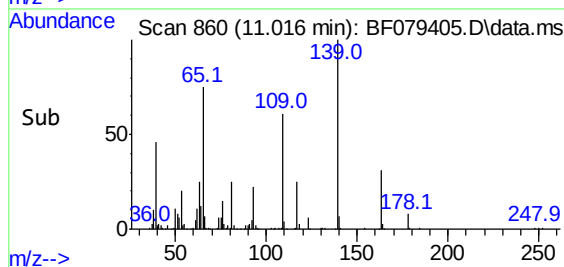
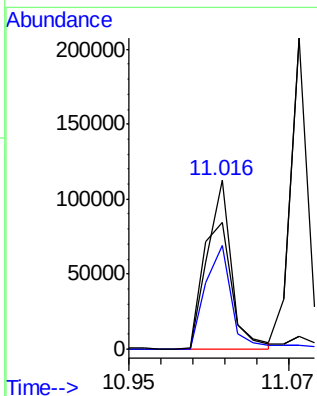
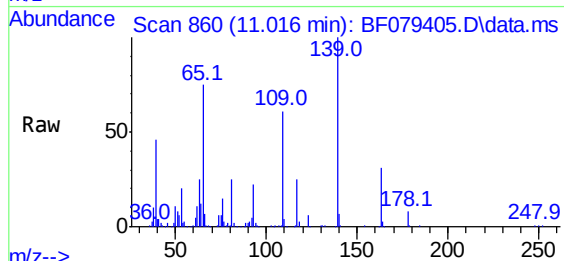
#55
4-Nitrophenol
Concen: 78.14 ng
RT: 11.016 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion:139 Resp: 134719
Ion Ratio Lower Upper
139 100
109 61.4 54.4 94.4
65 75.2 101.0 141.0#

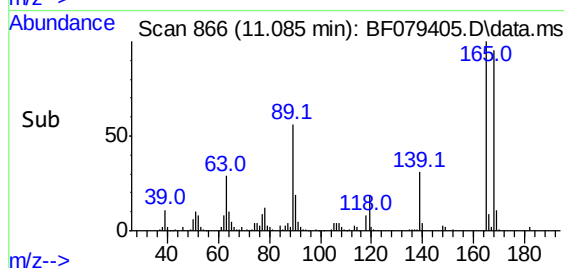
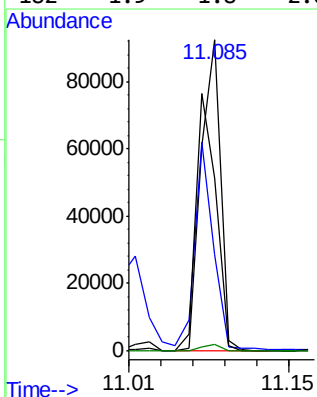
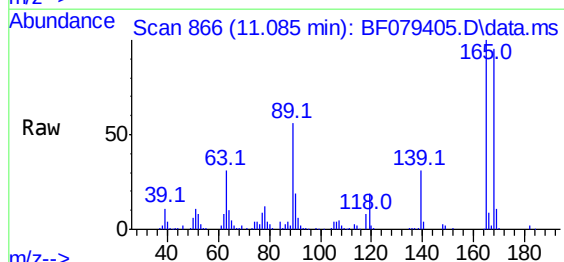
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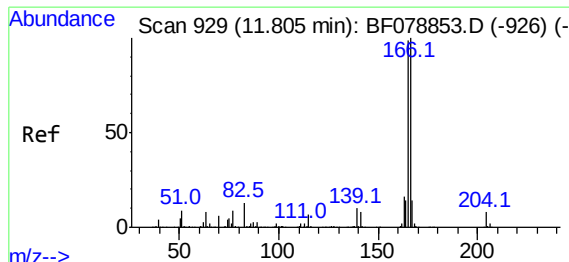
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#56
2,4-Dinitrotoluene
Concen: 46.86 ng
RT: 11.085 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:165 Resp: 108032
Ion Ratio Lower Upper
165 100
63 30.8 32.3 48.5#
89 55.5 54.6 81.8
182 1.9 1.8 2.6

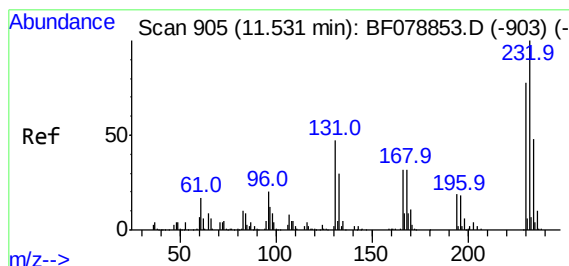
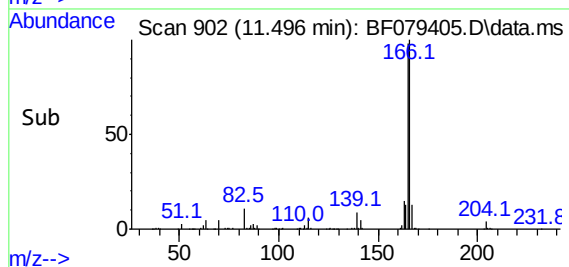
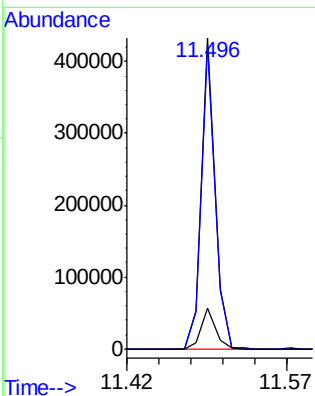
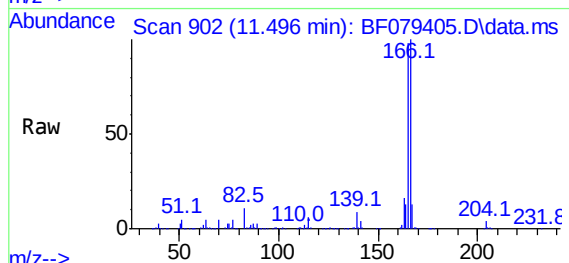




#57
Fluorene
Concen: 45.10 ng
RT: 11.496 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

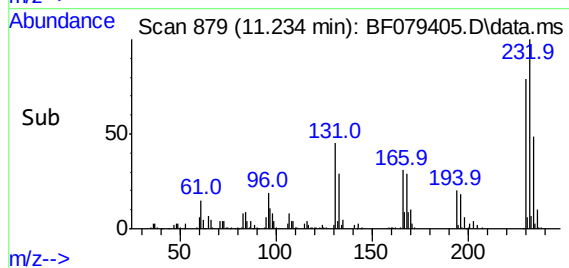
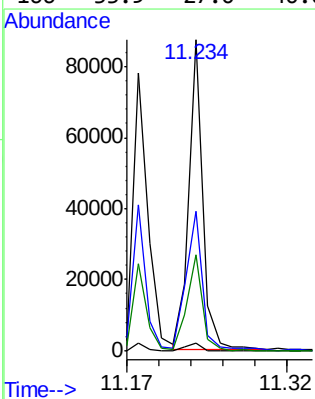
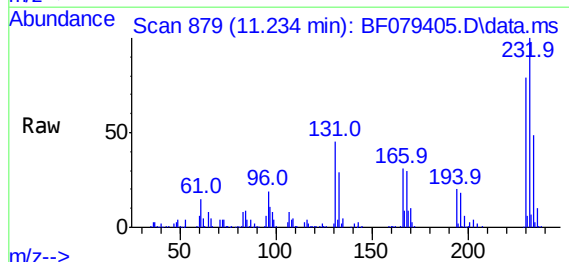
Instrument :
BNA_F
ClientSampleId :
PB83521BS

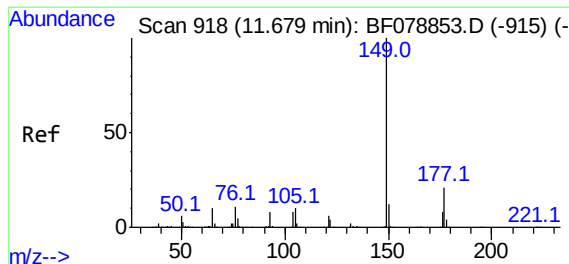
Tgt Ion:166 Resp: 390845
Ion Ratio Lower Upper
166 100
165 97.7 79.5 119.3
167 13.3 11.0 16.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.20 ng
RT: 11.234 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:232 Resp: 83203
Ion Ratio Lower Upper
232 100
131 51.1 41.9 62.9
130 2.6 1.9 2.9
166 33.9 27.0 40.6

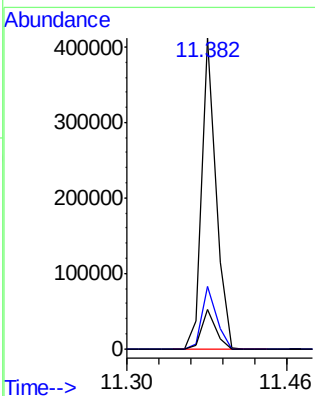
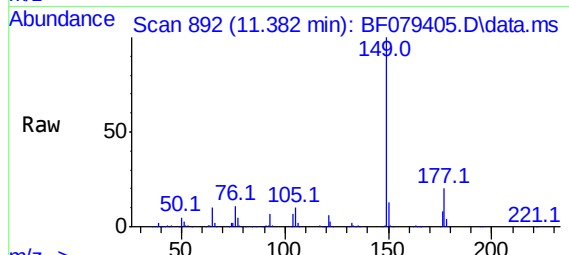




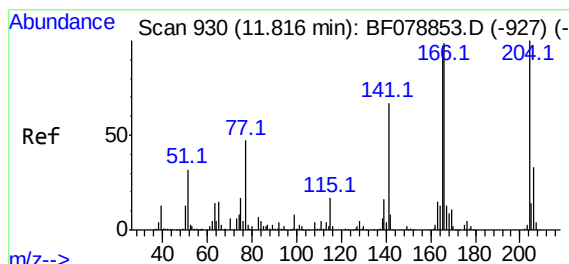
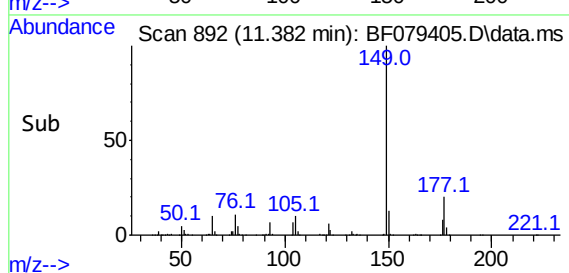
#59
Diethylphthalate
Concen: 44.25 ng
RT: 11.382 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion:	149	Resp:	387371
Ion	Ratio	Lower	Upper
149	100		
177	20.2	16.4	24.6
150	12.8	9.8	14.6

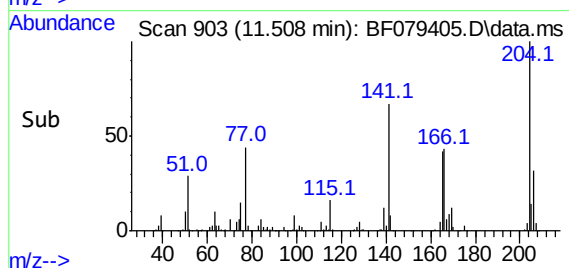
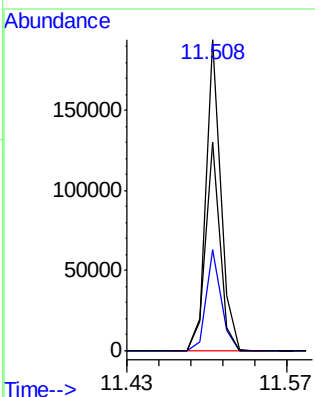
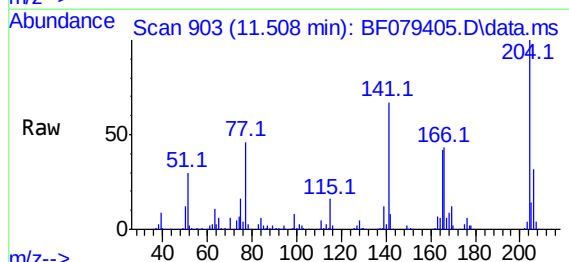


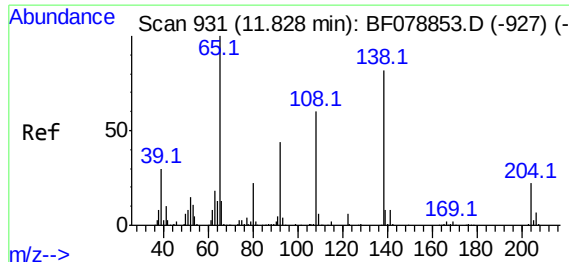
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 43.98 ng
RT: 11.508 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:	204	Resp:	169086
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.4
141	67.0	53.6	80.4





#61
4-Nitroaniline
Concen: 42.68 ng
RT: 11.531 min Scan# 905
Delta R.T. -0.011 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

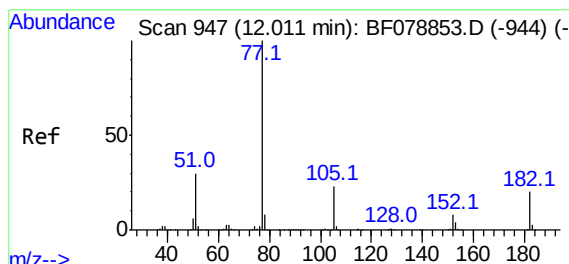
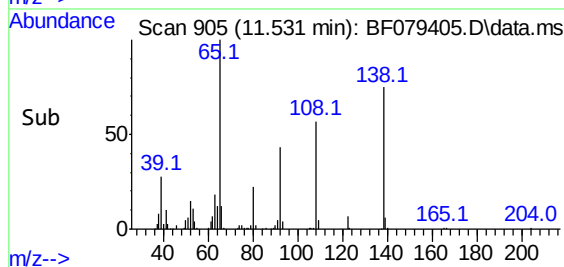
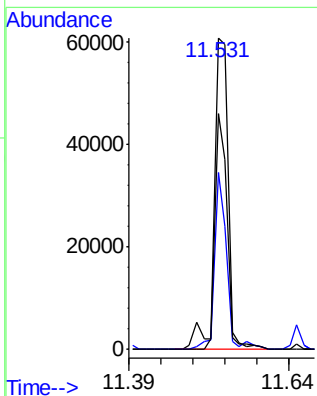
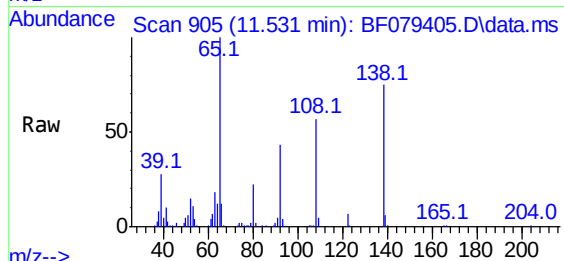
Tgt Ion:138 Resp: 93018

Ion	Ratio	Lower	Upper
138	100		
92	56.9	33.7	73.7
108	75.8	53.4	93.4

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Manual Integrations
APPROVED

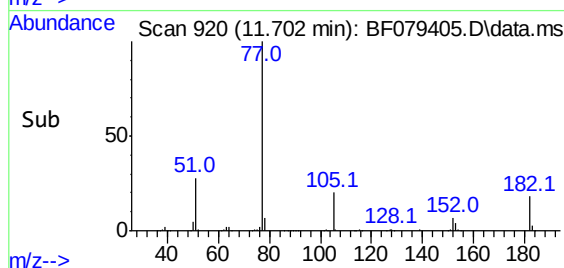
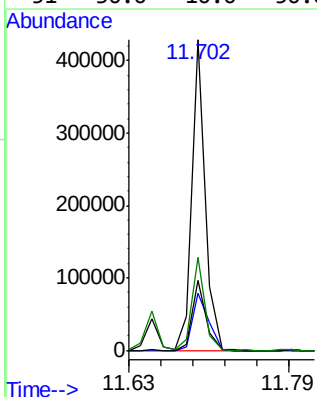
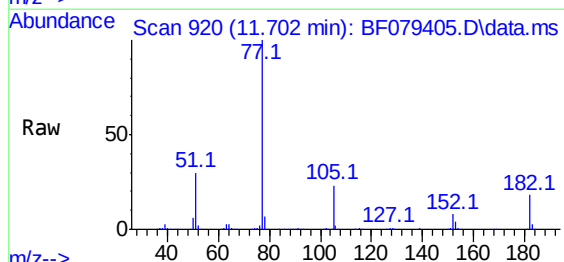
apatel
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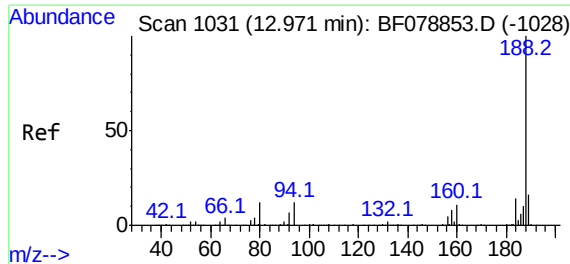


#62
Azobenzene
Concen: 45.07 ng
RT: 11.702 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 77 Resp: 388746

Ion	Ratio	Lower	Upper
77	100		
182	18.4	0.0	40.0
105	22.6	2.9	42.9
51	30.0	10.0	50.0



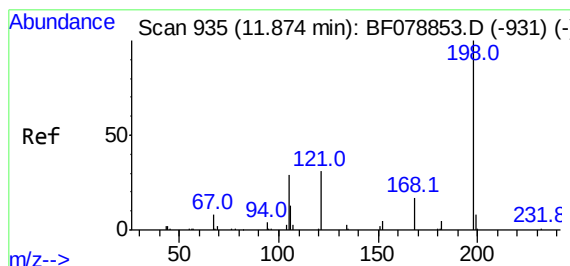
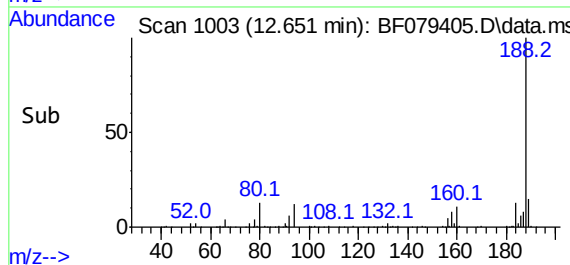
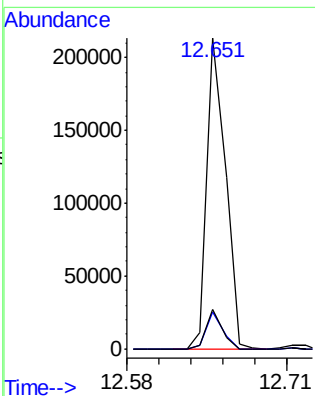
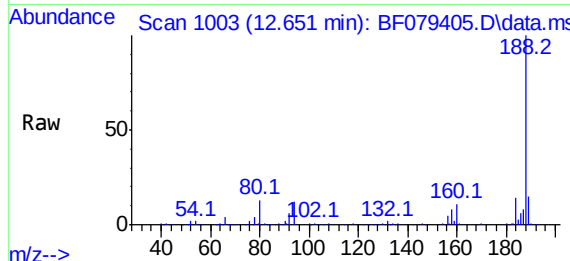


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.651 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion:188 Resp: 237263

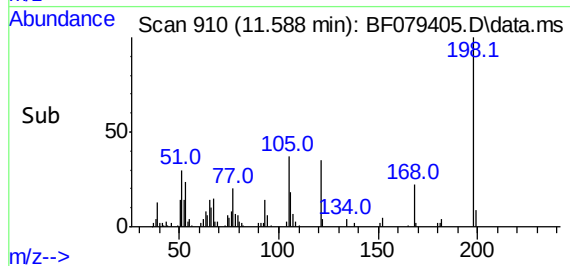
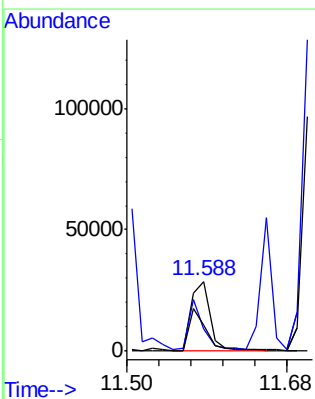
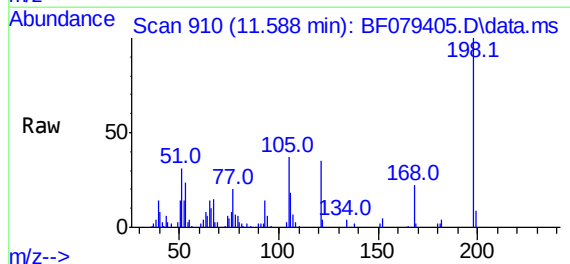
Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.0
80	12.7	9.8	14.6

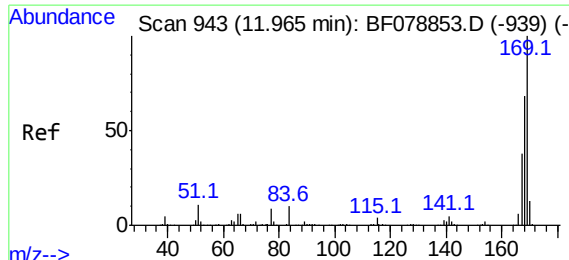


#64
4,6-Dinitro-2-methylphenol
Concen: 42.81 ng
RT: 11.588 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:198 Resp: 40476

Ion	Ratio	Lower	Upper
198	100		
51	31.3	7.0	47.0
105	36.7	13.7	53.7





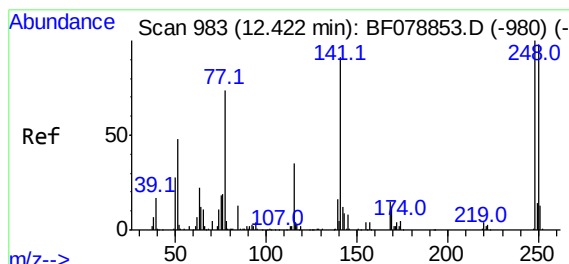
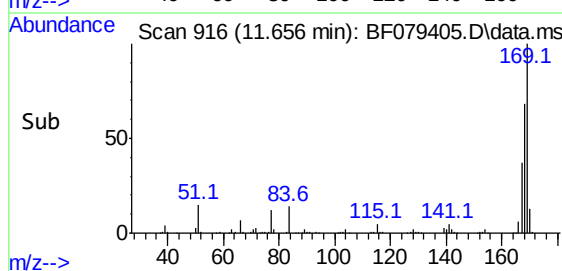
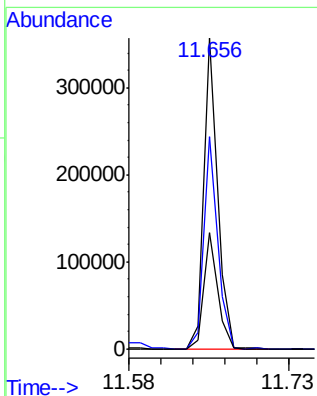
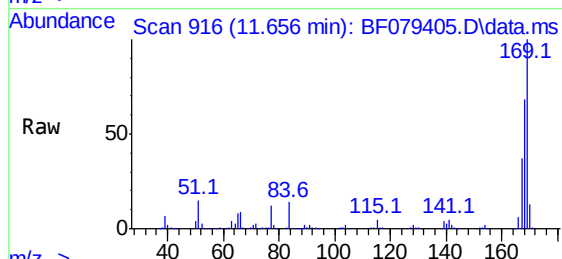
#65
n-Nitrosodiphenylamine
Concen: 40.86 ng
RT: 11.656 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:	169	Resp:	322872
Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.1	81.1
167	37.5	30.1	45.1

Instrument :
BNA_F
ClientSampleId :
PB83521BS

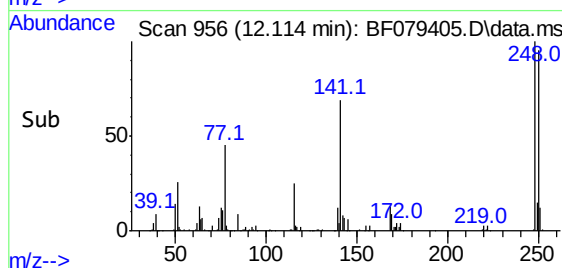
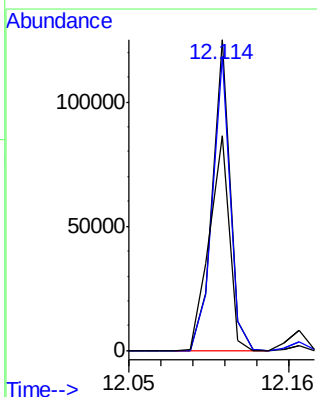
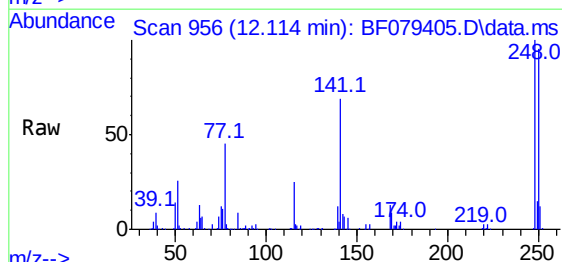
Manual Integrations
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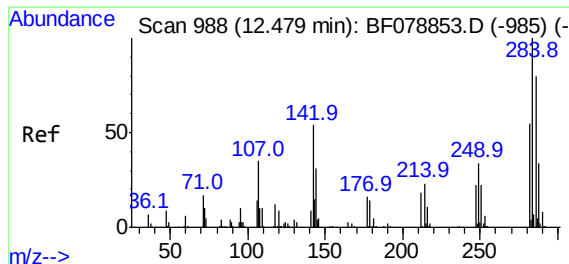
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#66
4-Bromophenyl-phenylether
Concen: 44.41 ng
RT: 12.114 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:	248	Resp:	109823
Ion	Ratio	Lower	Upper
248	100		
250	94.6	78.0	117.0
141	69.0	72.6	109.0#





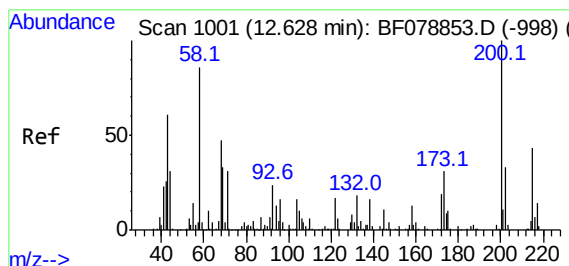
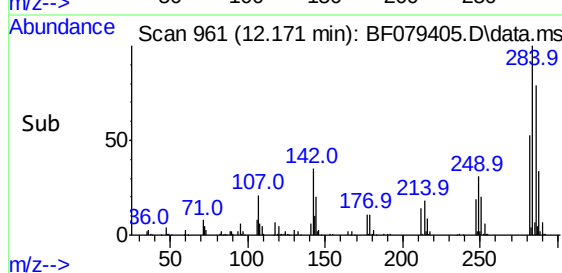
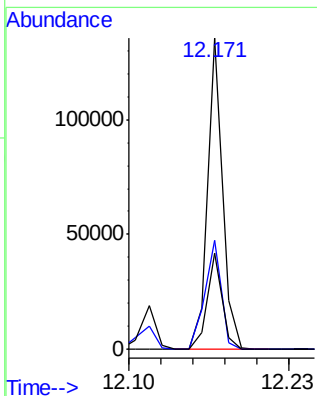
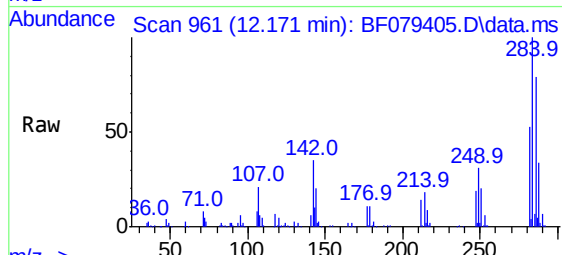
#67
Hexachlorobenzene
Concen: 42.48 ng
RT: 12.171 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:	284	Resp:	120080
Ion	Ratio	Lower	Upper
284	100		
142	35.1	43.2	64.8#
249	31.0	27.5	41.3

Instrument :
BNA_F
ClientSampleId :
PB83521BS

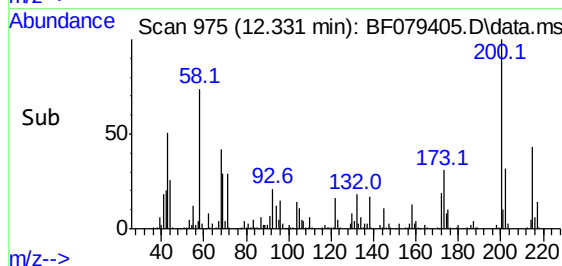
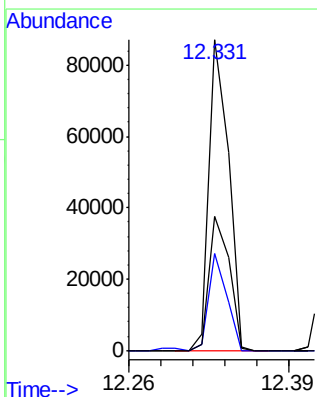
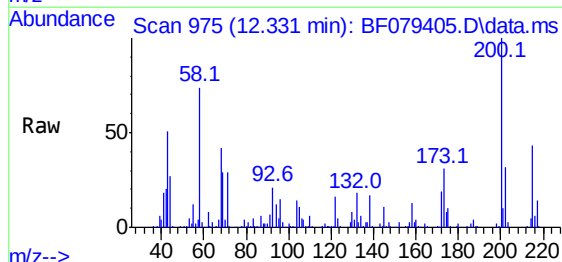
Manual Integrations
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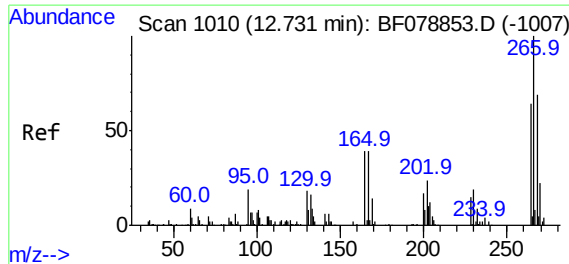
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#68
Atrazine
Concen: 44.20 ng
RT: 12.331 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:	200	Resp:	101554
Ion	Ratio	Lower	Upper
200	100		
173	31.0	10.9	50.9
215	43.0	23.2	63.2

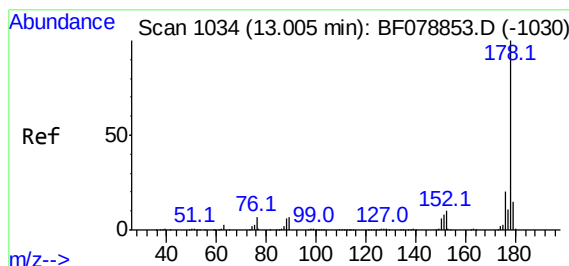
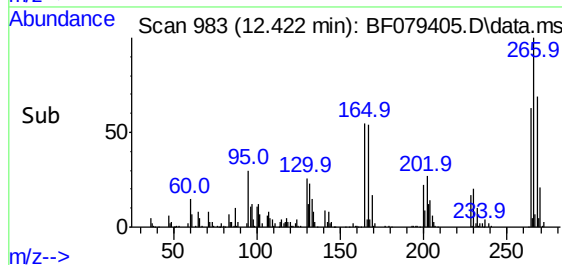
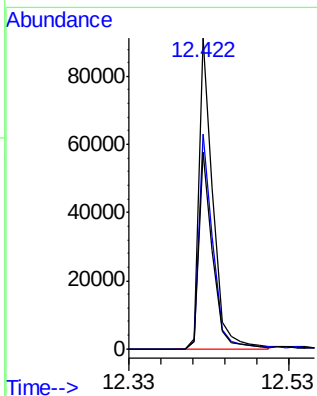
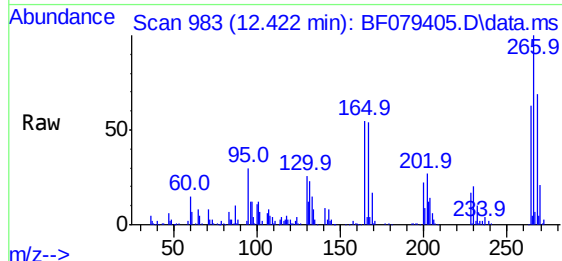




#69
Pentachlorophenol
Concen: 66.89 ng
RT: 12.422 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

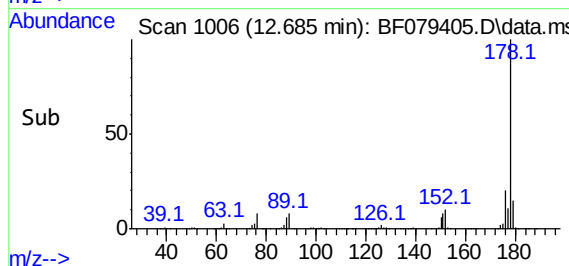
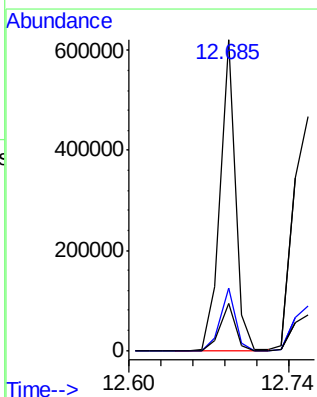
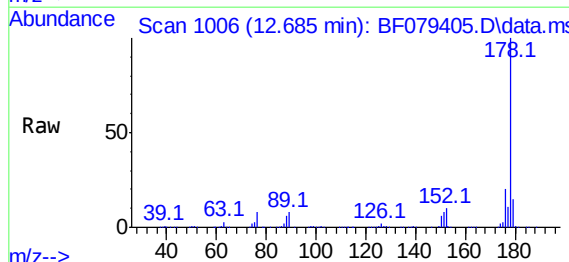
Instrument :
BNA_F
ClientSampleId :
PB83521BS

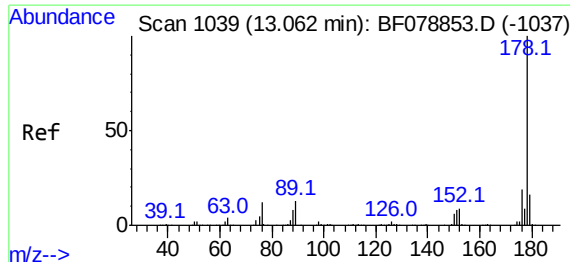
Tgt Ion:266 Resp: 108584
Ion Ratio Lower Upper
266 100
268 69.2 55.0 82.6
264 63.4 50.9 76.3



#70
Phenanthrene
Concen: 42.46 ng
RT: 12.685 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

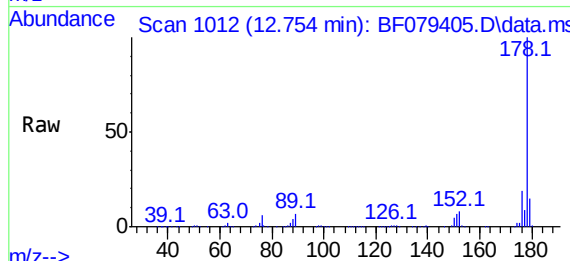
Tgt Ion:178 Resp: 563528
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.2 12.2 18.4





#71
 Anthracene
 Concen: 44.20 ng
 RT: 12.754 min Scan# 1012
 Delta R.T. 0.000 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

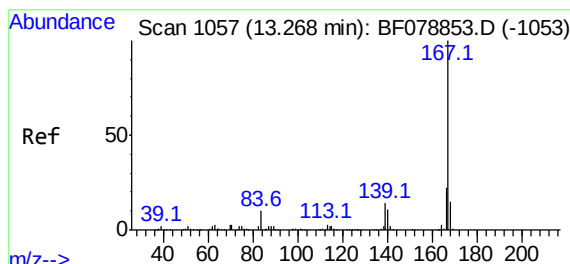
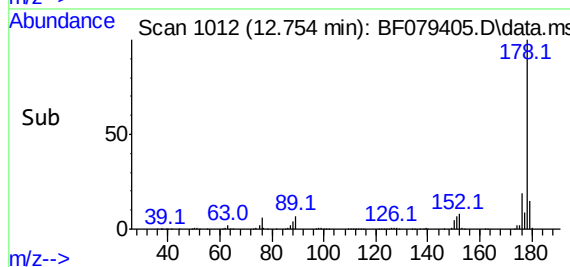
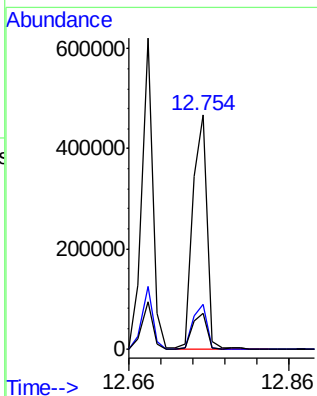
Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS



Tgt Ion:178 Resp: 575533
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.3 12.6 19.0

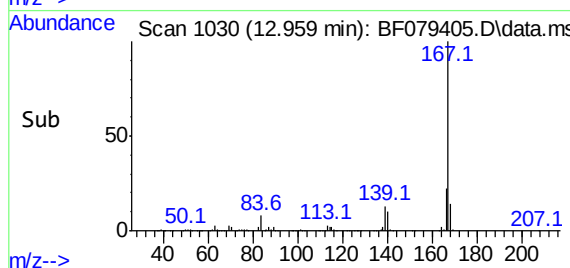
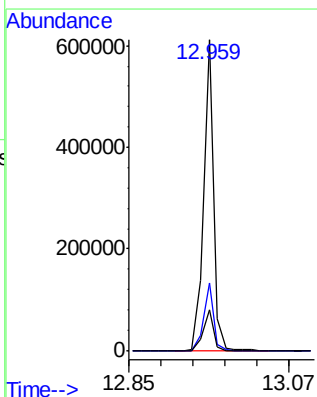
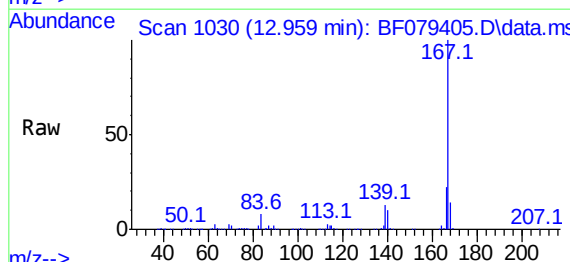
Manual Integrations
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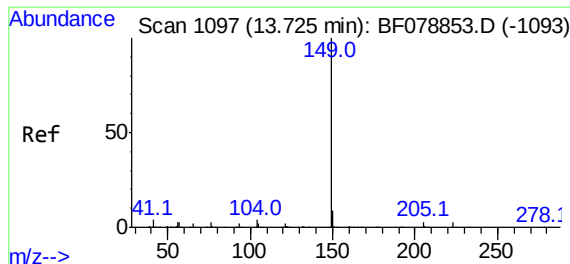
apatel
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#72
 Carbazole
 Concen: 45.47 ng
 RT: 12.959 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:167 Resp: 564322
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.1 11.0 16.4

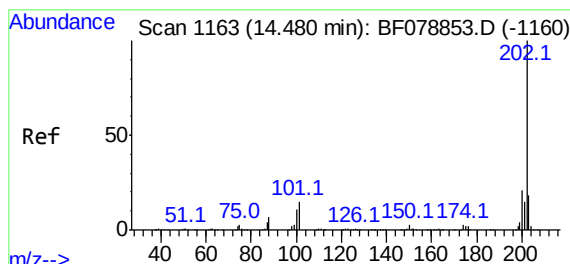
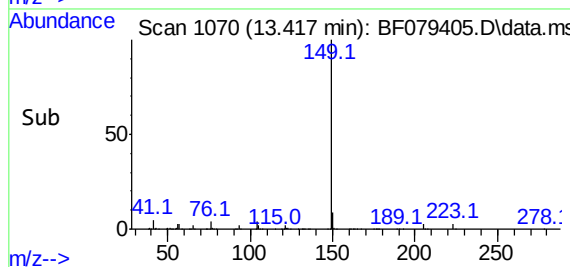
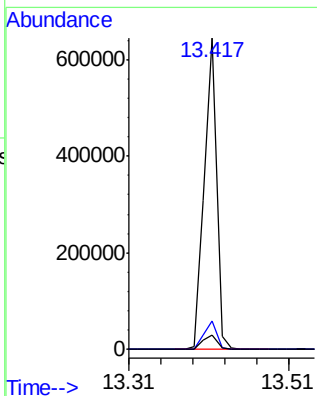
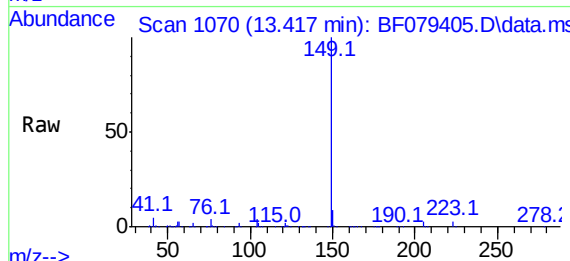




#73
Di-n-butylphthalate
Concen: 45.42 ng
RT: 13.417 min Scan# 1070
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

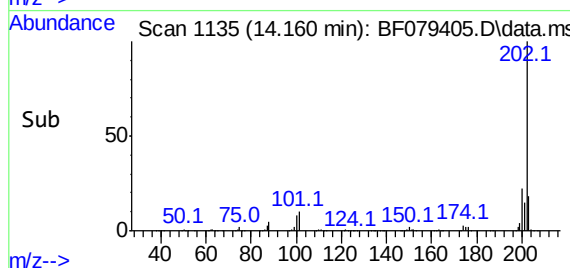
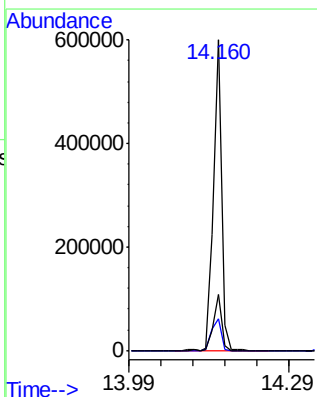
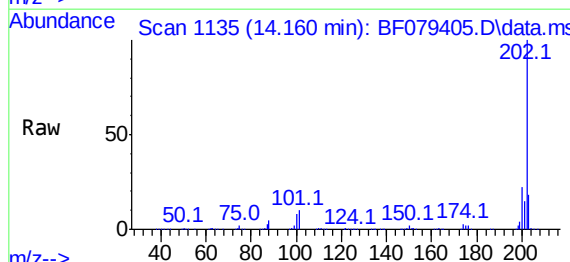
Instrument :
BNA_F
ClientSampleId :
PB83521BS

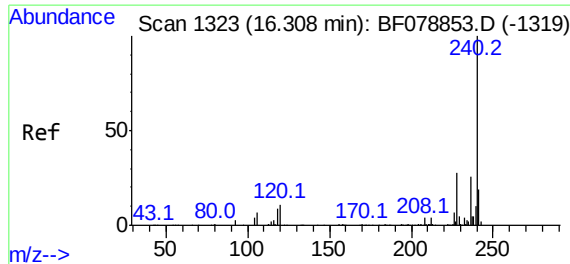
Tgt Ion:149 Resp: 676037
Ion Ratio Lower Upper
149 100
150 9.1 7.0 10.4
104 4.3 3.3 4.9



#74
Fluoranthene
Concen: 43.94 ng
RT: 14.160 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:202 Resp: 607726
Ion Ratio Lower Upper
202 100
101 10.4 0.0 34.7
203 17.9 0.0 37.9





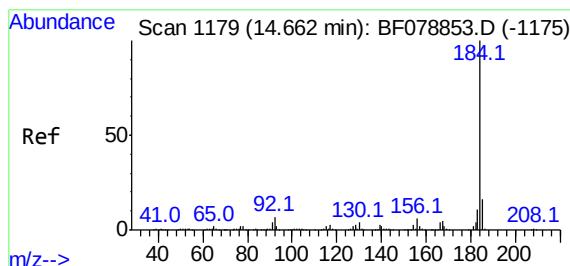
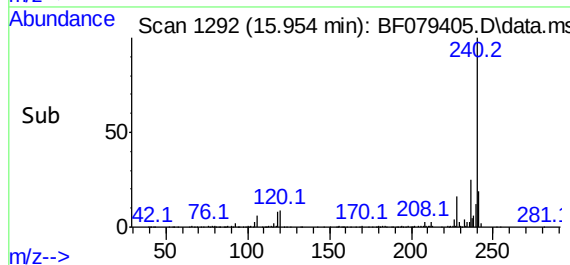
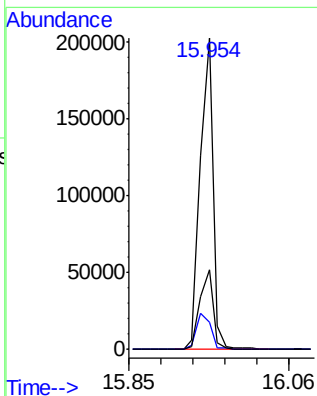
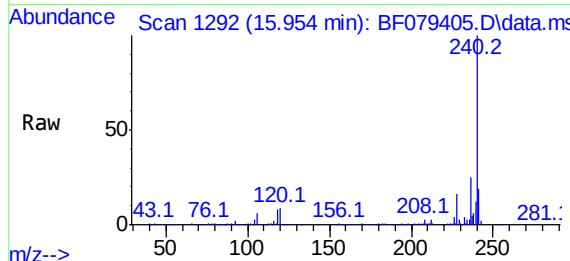
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.954 min Scan# 1292
Delta R.T. -0.011 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion:240 Resp: 241656
Ion Ratio Lower Upper
240 100
120 8.5 8.6 12.8#
236 25.4 21.0 31.6

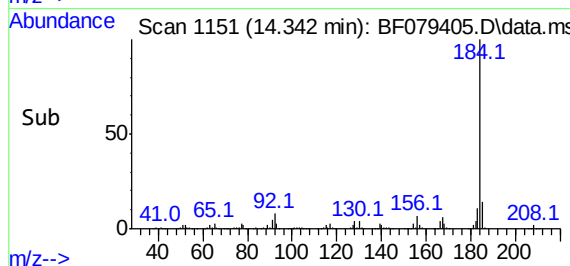
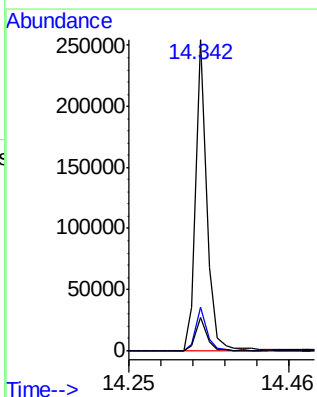
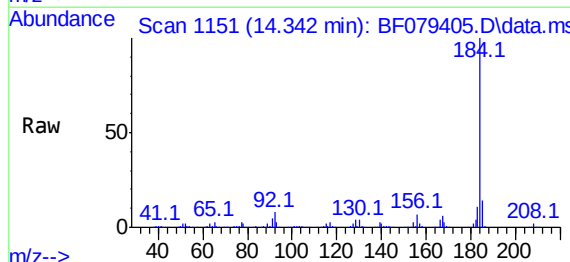
Manual Integrations
APPROVED

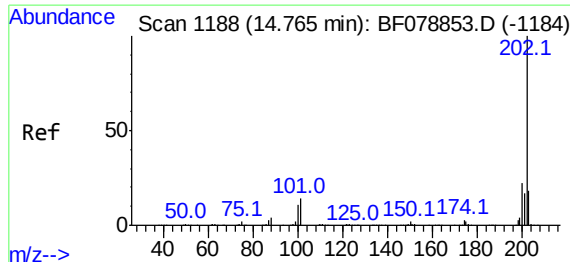
apatel
5/22/2015 4:30:28 PM



#76
Benzidine
Concen: 39.94 ng
RT: 14.342 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

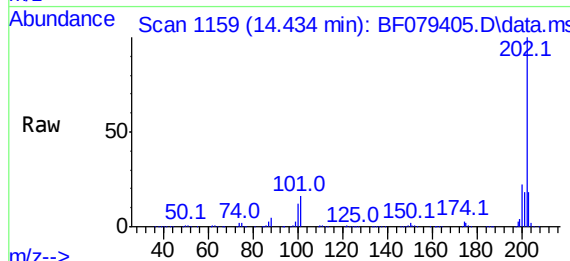
Tgt Ion:184 Resp: 260105
Ion Ratio Lower Upper
184 100
185 13.9 12.8 19.2
183 10.8 9.0 13.4





#77
 Pyrene
 Concen: 45.03 ng
 RT: 14.434 min Scan# 1159
 Delta R.T. 0.000 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

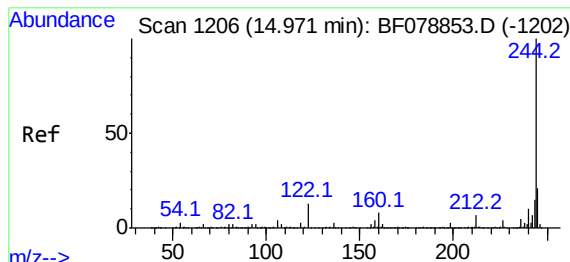
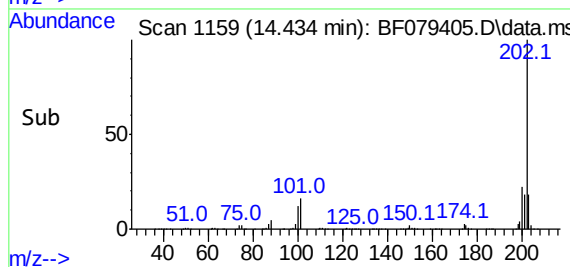
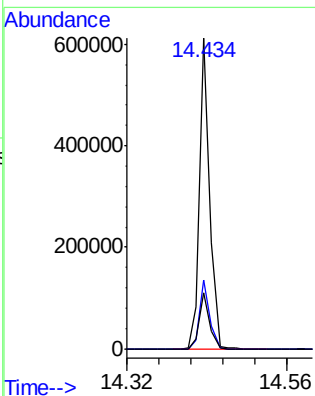


Tgt Ion: 202 Resp: 627097

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.5	26.3
203	17.8	14.7	22.1

Manual Integrations
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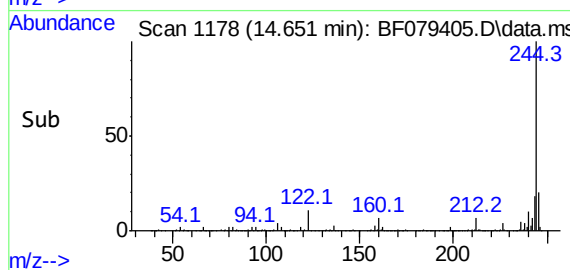
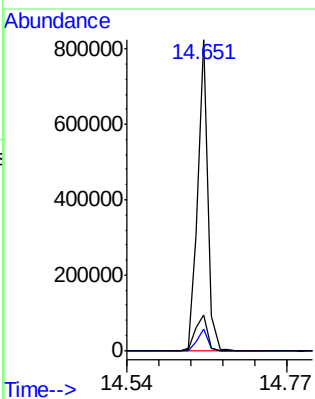
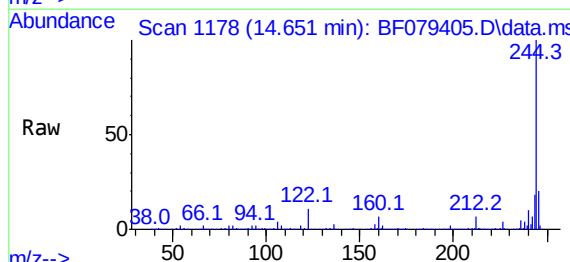
apatel
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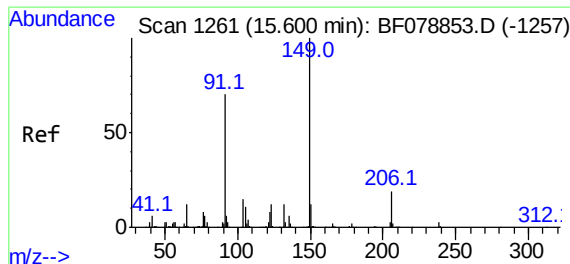


#78
 Terphenyl-d14
 Concen: 83.67 ng
 RT: 14.651 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion: 244 Resp: 844491

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.4	10.5	15.7





#79
Butylbenzylphthalate
Concen: 49.02 ng
RT: 15.268 min Scan# 1232
Delta R.T. -0.011 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

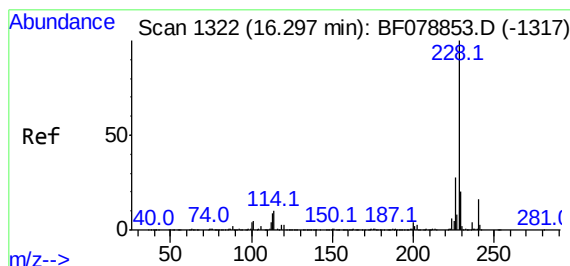
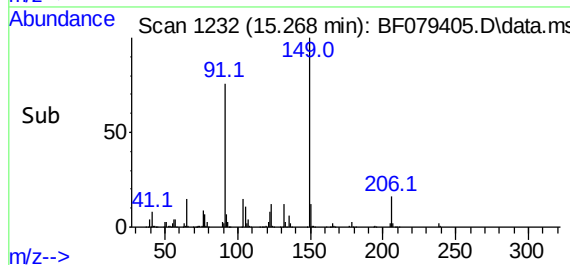
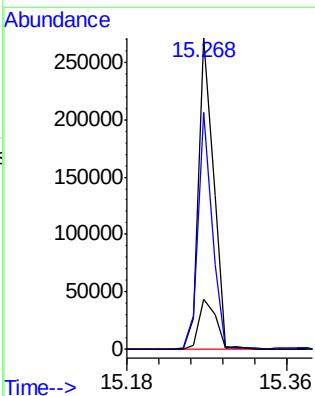
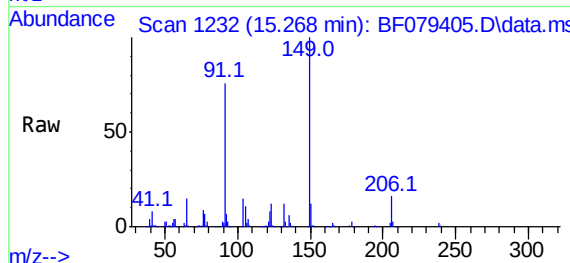
Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion:149 Resp: 298403

Ion	Ratio	Lower	Upper
149	100		
91	76.1	56.2	84.2
206	15.9	15.2	22.8

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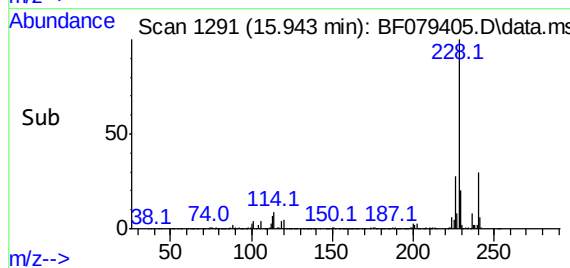
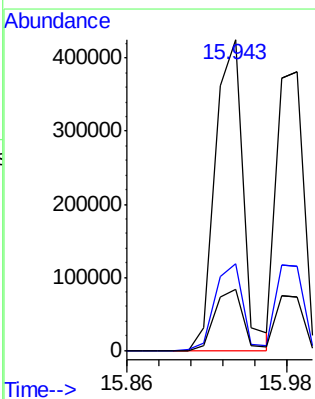
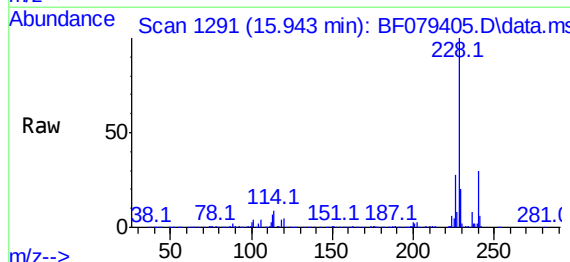
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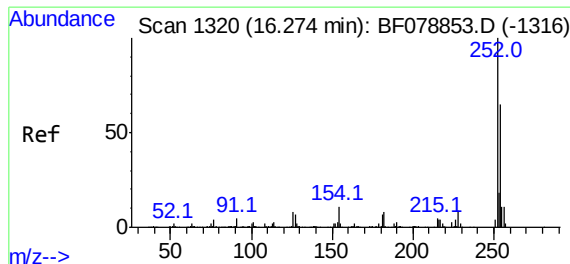


#80
Benzo(a)anthracene
Concen: 45.25 ng
RT: 15.943 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:228 Resp: 598867

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.6	16.1	24.1





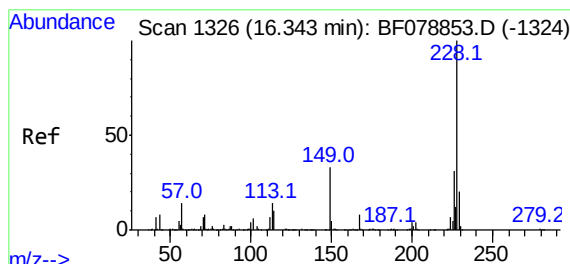
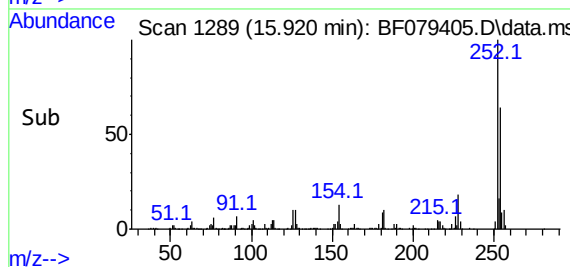
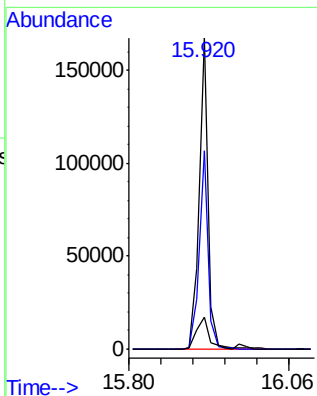
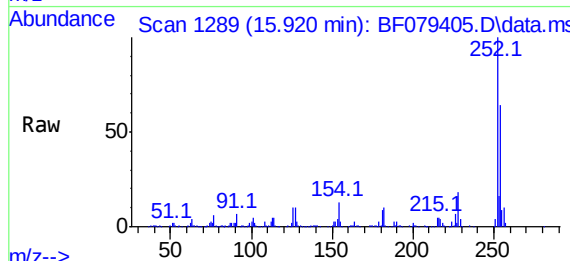
#81
 3,3'-Dichlorobenzidine
 Concen: 34.81 ng
 RT: 15.920 min Scan# 1289
 Delta R.T. -0.011 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

Tgt Ion:252 Resp: 164103
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.2 78.2
 126 10.4 6.6 9.8#

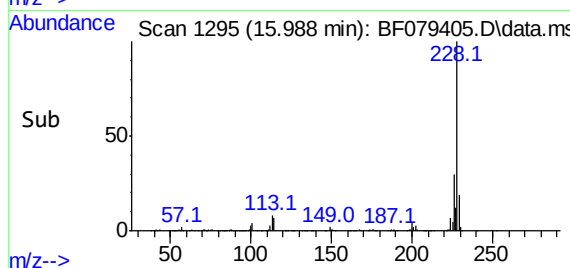
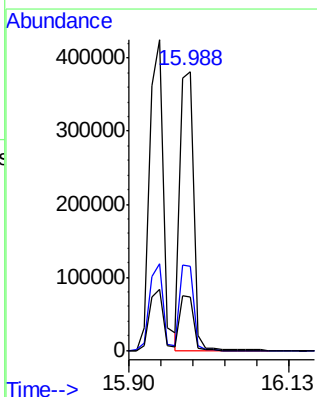
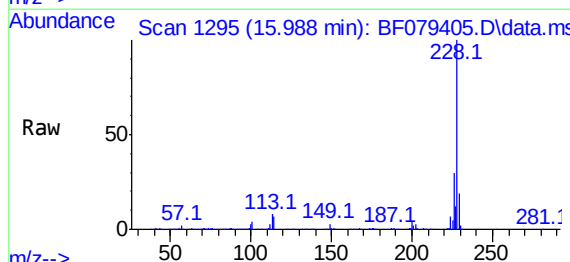
Manual Integrations
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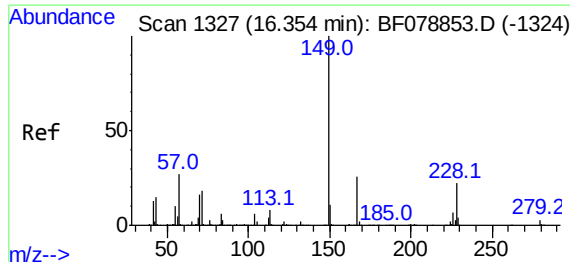
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#82
 Chrysene
 Concen: 42.23 ng
 RT: 15.988 min Scan# 1295
 Delta R.T. -0.011 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

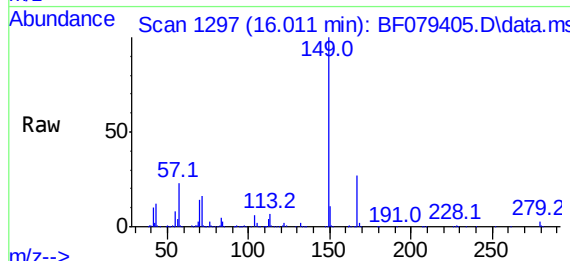
Tgt Ion:228 Resp: 537510
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.8 37.2
 229 19.2 16.1 24.1





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.08 ng
 RT: 16.011 min Scan# 1297
 Delta R.T. -0.011 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

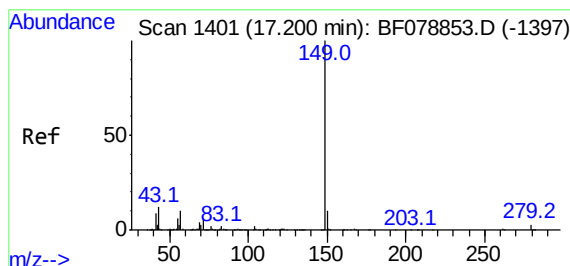
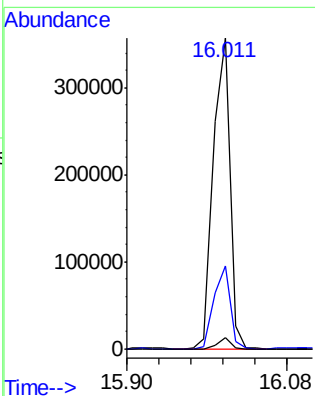
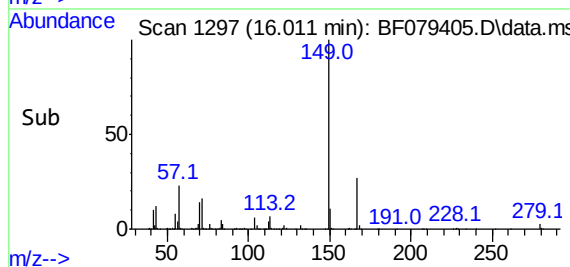


Tgt Ion:149 Resp: 452506

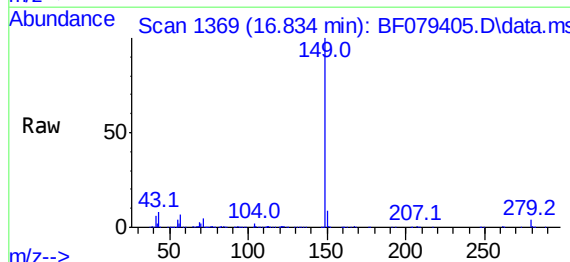
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.2	31.8
279	3.4	2.6	4.0

Manual Integrations
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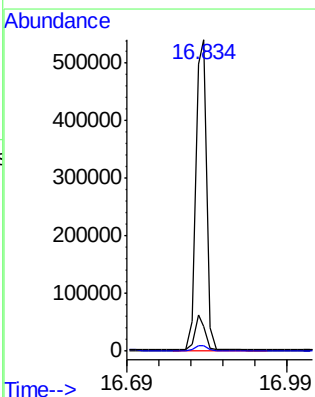
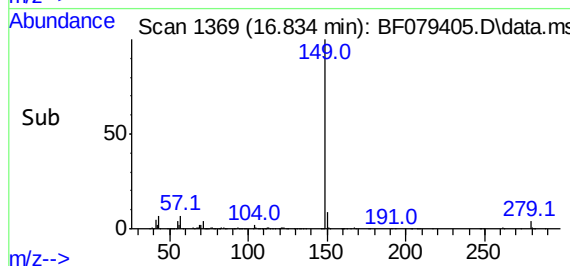


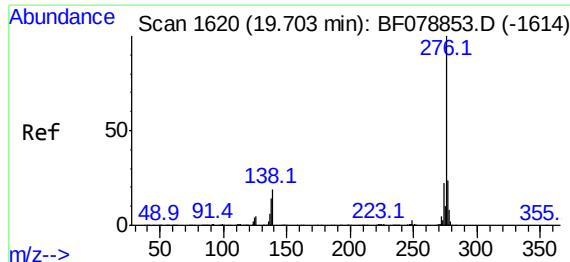
#84
 Di-n-octyl phthalate
 Concen: 48.14 ng
 RT: 16.834 min Scan# 1369
 Delta R.T. -0.023 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15



Tgt Ion:149 Resp: 781714

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	9.0	13.6





#85
Indeno(1,2,3-cd)pyrene
Concen: 44.14 ng
RT: 19.120 min Scan# 1569
Delta R.T. -0.057 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

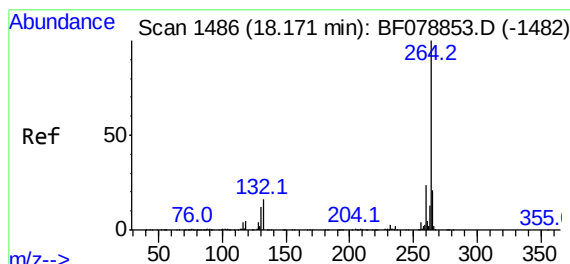
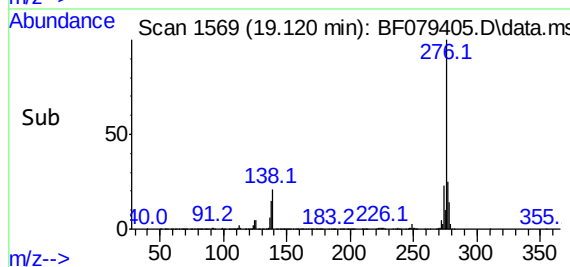
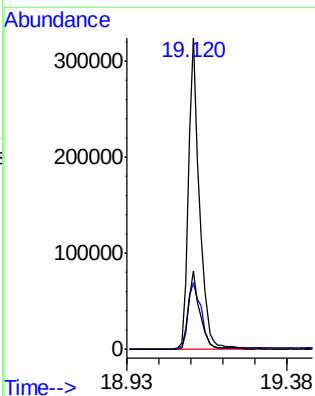
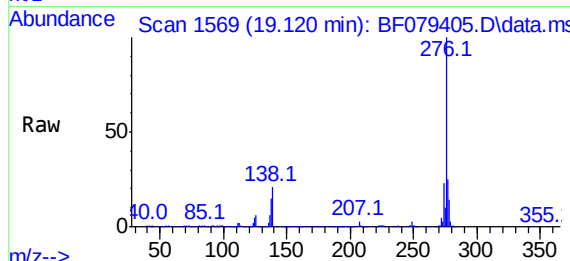
Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion:276 Resp: 715773

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.1	31.7
277	25.3	19.9	29.9

Manual Integrations
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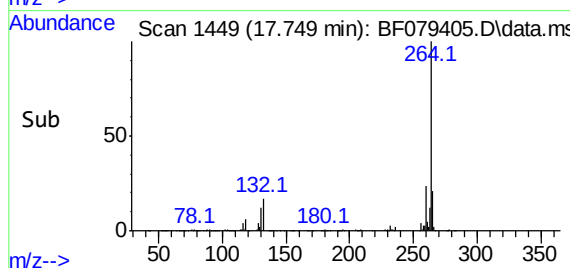
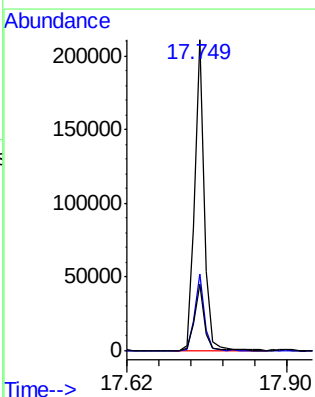
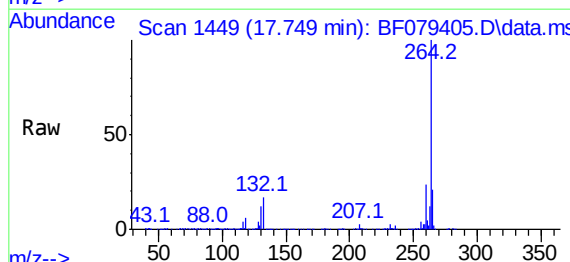
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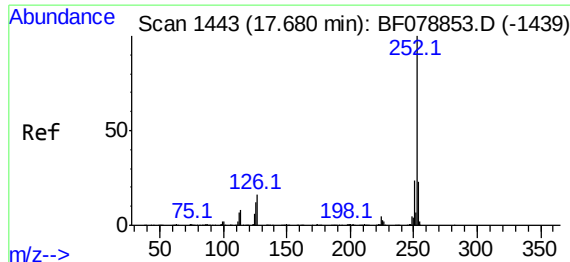


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.749 min Scan# 1449
Delta R.T. -0.046 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:264 Resp: 249026

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.2	25.8





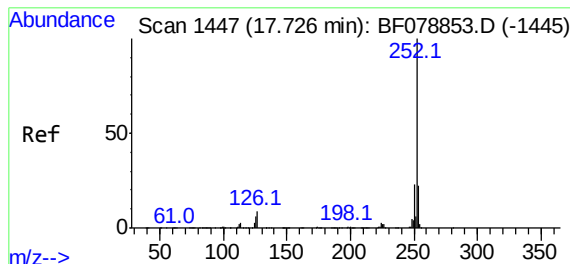
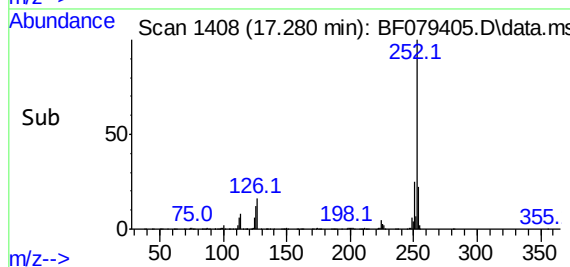
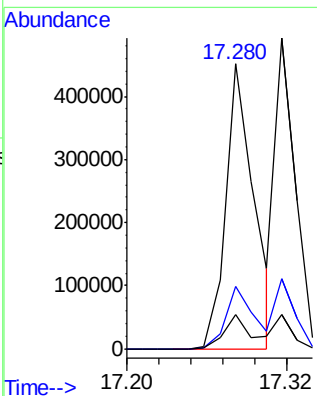
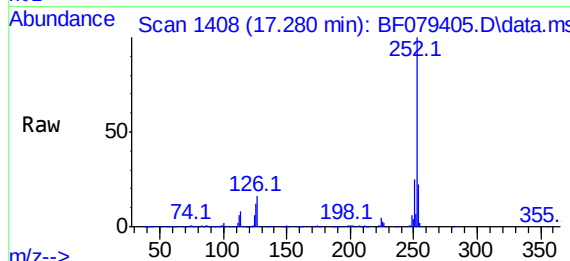
#87
Benzo(b)fluoranthene
Concen: 48.06 ng
RT: 17.280 min Scan# 1408
Delta R.T. -0.034 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tgt Ion:252 Resp: 655049
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.1 9.4 14.2

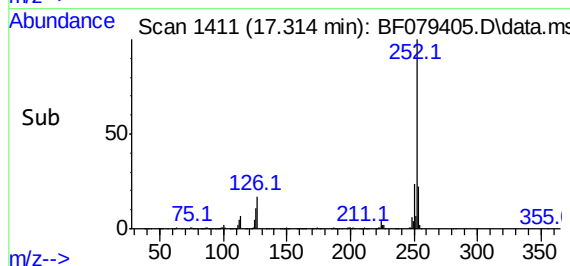
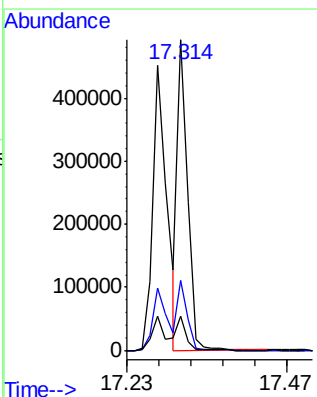
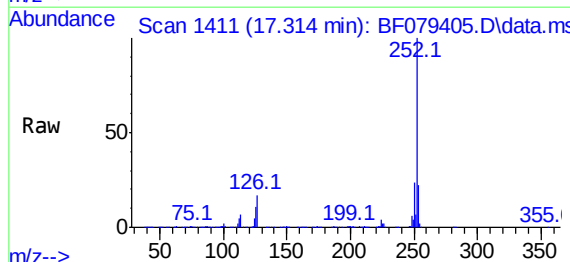
Manual Integrations
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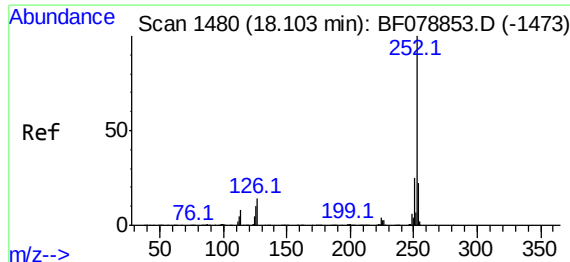
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#88
Benzo(k)fluoranthene
Concen: 39.41 ng
RT: 17.314 min Scan# 1411
Delta R.T. -0.034 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:252 Resp: 519999
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.8 6.1 9.1#



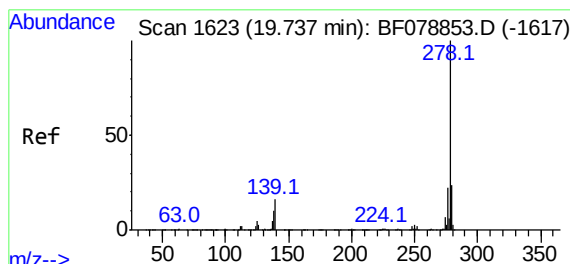
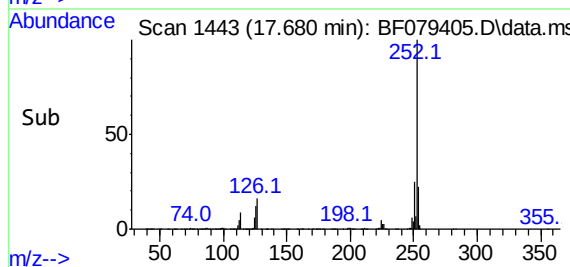
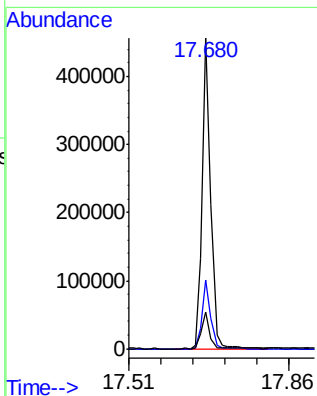
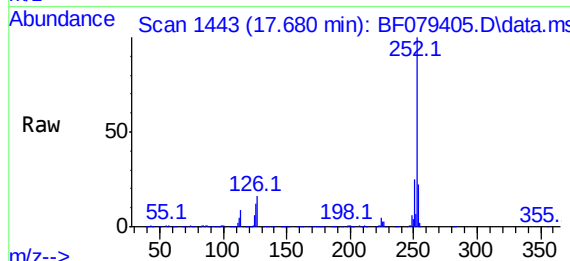


#89

Benzo(a)pyrene
Concen: 46.40 ng
RT: 17.680 min Scan# 1443
Delta R.T. -0.046 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

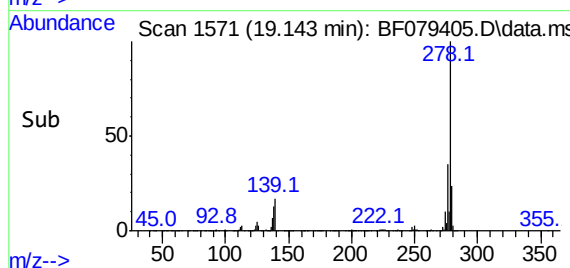
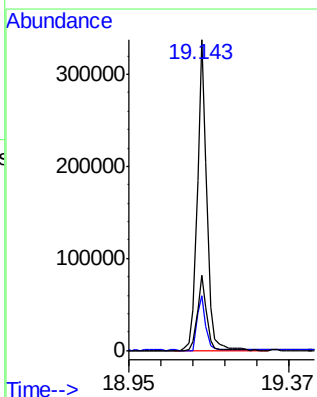
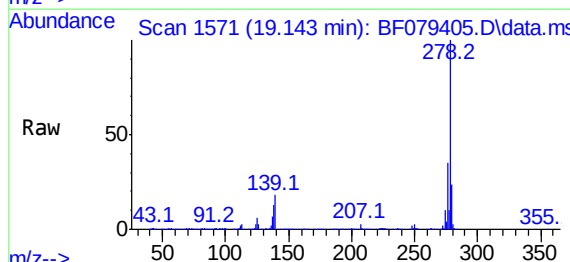
Tgt Ion:252 Resp: 582394
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 12.0 8.2 12.2

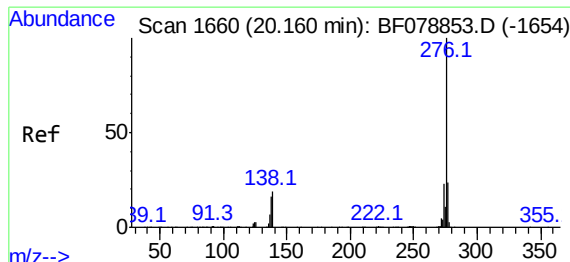


#90

Dibenzo(a,h)anthracene
Concen: 44.58 ng
RT: 19.143 min Scan# 1571
Delta R.T. -0.057 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

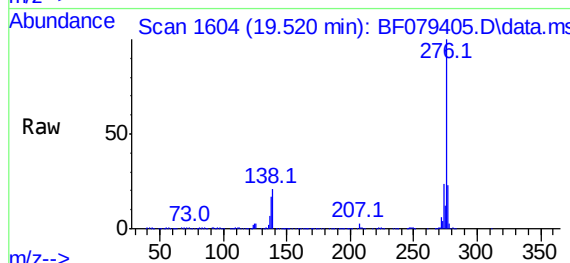
Tgt Ion:278 Resp: 594576
Ion Ratio Lower Upper
278 100
139 17.6 13.1 19.7
279 24.2 19.1 28.7





#91
Benzo(g,h,i)perylene
Concen: 44.29 ng
RT: 19.520 min Scan# 1604
Delta R.T. -0.057 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS



Tgt Ion:276 Resp: 592055
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 20.6 15.2 22.8

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