

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085430.D
 Acq On : 14 Mar 2016 15:50
 Operator : UM/SJ
 Sample : PB88829BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Manual Integrations
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Sohil
 3/15/2016 2:09:10 PM

Quant Time: Mar 15 02:14:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	169823	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	657847	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	307294	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	552807	20.00	ng	-0.06
75) Chrysene-d12	14.09	240	324220	20.00	ng	-0.06
86) Perylene-d12	15.55	264	266429	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	770075	76.06	ng	-0.05
7) Phenol-d6	6.55	99	1106808	83.44	ng	-0.06
23) Nitrobenzene-d5	7.49	82	973888	79.22	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	214872	81.72	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	1628894	80.62	ng	-0.06
78) Terphenyl-d14	13.04	244	1397452	100.06	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	161958	31.28	ng	96
3) Pyridine	3.43	79	411732	31.77	ng	97
4) n-Nitrosodimethylamine	3.37	42	211187	38.08	ng	99
6) Aniline	6.58	93	268330	14.43	ng	96
8) 2-Chlorophenol	6.71	128	496653	40.75	ng	95
9) Benzaldehyde	6.47	77	122811	16.30	ng	92
10) Phenol	6.57	94	632296m	44.51	ng	
11) bis(2-Chloroethyl)ether	6.66	93	449015	38.05	ng	93
12) 1,3-Dichlorobenzene	6.86	146	481617m	36.80	ng	
13) 1,4-Dichlorobenzene	6.94	146	475072	36.22	ng	98
14) 1,2-Dichlorobenzene	7.10	146	479905	40.33	ng	97
15) Benzyl Alcohol	7.06	79	375676	38.58	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	549822	32.33	ng	98
17) 2-Methylphenol	7.18	107	381008	38.31	ng	95
18) Hexachloroethane	7.44	117	187178	38.69	ng	94
19) n-Nitroso-di-n-propylamine	7.34	70	288949	33.42	ng	# 90
20) 3+4-Methylphenols	7.34	107	489936	41.59	ng	# 75
22) Acetophenone	7.34	105	597997	37.24	ng	# 97
24) Nitrobenzene	7.51	77	517150	41.41	ng	97
25) Isophorone	7.75	82	916419	40.23	ng	98
26) 2-Nitrophenol	7.83	139	269563	44.36	ng	# 92
27) 2,4-Dimethylphenol	7.86	122	457901	41.23	ng	95
28) bis(2-Chloroethoxy)methane	7.96	93	537453	42.36	ng	99
29) 2,4-Dichlorophenol	8.07	162	399276	44.58	ng	93
30) 1,2,4-Trichlorobenzene	8.15	180	386921	39.95	ng	100
31) Naphthalene	8.23	128	1267884	39.20	ng	99
32) Benzoic acid	7.99	122	287405	38.96	ng	97
33) 4-Chloroaniline	8.28	127	78851	6.03	ng	97
34) Hexachlorobutadiene	8.36	225	208594	41.40	ng	99
35) Caprolactam	8.65	113	130353m	44.56	ng	
36) 4-Chloro-3-methylphenol	8.77	107	420323	41.36	ng	97
37) 2-Methylnaphthalene	8.93	142	910483	43.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	356024	40.51	ng	97
40) Hexachlorocyclopentadiene	9.08	237	286015	60.34	ng	99

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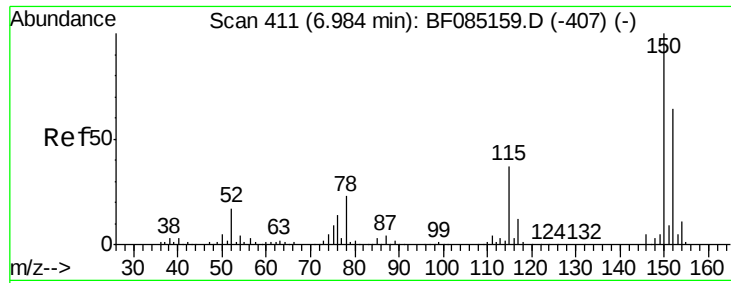
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	260435	39.81	ng	96
43) 2,4,5-Trichlorophenol	9.25	196	278994	44.98	ng	98
45) 1,1'-Biphenyl	9.40	154	1058394	40.31	ng	93
46) 2-Chloronaphthalene	9.42	162	822632	41.11	ng	97
47) 2-Nitroaniline	9.51	65	255192	41.15	ng	89
48) Acenaphthylene	9.83	152	1192490	38.29	ng	99
49) Dimethylphthalate	9.69	163	933770	39.59	ng	99
50) 2,6-Dinitrotoluene	9.75	165	192715	38.19	ng	# 84
51) Acenaphthene	10.00	154	784478	41.48	ng	99
52) 3-Nitroaniline	9.92	138	118883	19.69	ng	96
53) 2,4-Dinitrophenol	10.02	184	156222	62.92	ng	# 66
54) Dibenzofuran	10.17	168	1040851	42.01	ng	99
55) 4-Nitrophenol	10.08	139	360342	75.96	ng	# 73
56) 2,4-Dinitrotoluene	10.16	165	315448	48.85	ng	# 85
57) Fluorene	10.52	166	768252	39.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	207806	47.69	ng	96
59) Diethylphthalate	10.39	149	926124	40.46	ng	97
60) 4-Chlorophenyl-phenylether	10.50	204	366384	38.69	ng	92
61) 4-Nitroaniline	10.54	138	229847	40.71	ng	96
62) Azobenzene	10.66	77	968541	42.95	ng	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	111219	33.60	ng	# 44
65) n-Nitrosodiphenylamine	10.63	169	787717	45.81	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	226308	42.16	ng	# 90
67) Hexachlorobenzene	11.06	284	232490	40.60	ng	# 83
68) Atrazine	11.16	200	246697	51.59	ng	98
69) Pentachlorophenol	11.26	266	267255	84.08	ng	99
70) Phenanthrene	11.48	178	1169351	40.36	ng	99
71) Anthracene	11.53	178	1296331	42.15	ng	99
72) Carbazole	11.68	167	1008719	37.40	ng	98
73) Di-n-butylphthalate	12.01	149	1372778	40.27	ng	99
74) Fluoranthene	12.66	202	1082109	37.22	ng	98
76) Benzidine	12.78	184	339058	35.14	ng	99
77) Pyrene	12.89	202	1061673	43.51	ng	99
79) Butylbenzylphthalate	13.51	149	540168	48.78	ng	84
80) Benzo(a)anthracene	14.08	228	751109	38.70	ng	99
81) 3,3'-Dichlorobenzidine	14.04	252	136663	22.32	ng	# 98
82) Chrysene	14.12	228	618288	34.48	ng	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	676034	46.40	ng	# 97
84) Di-n-octyl phthalate	14.68	149	954431	43.01	ng	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	756001	54.03	ng	97
87) Benzo(b)fluoranthene	15.12	252	629298	35.44	ng	98
88) Benzo(k)fluoranthene	15.16	252	652774m	45.57	ng	
89) Benzo(a)pyrene	15.49	252	639252	43.44	ng	99
90) Dibenzo(a,h)anthracene	17.02	278	637320	50.73	ng	# 95
91) Benzo(g,h,i)perylene	17.44	276	628242	49.74	ng	# 93

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



#1

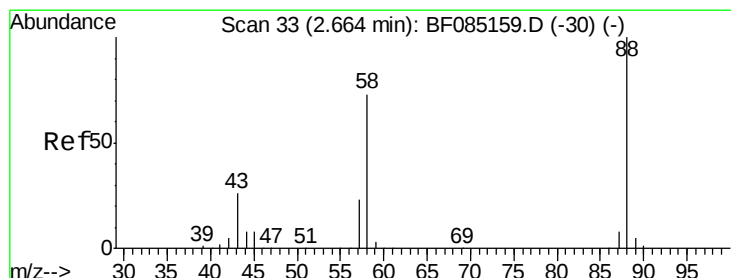
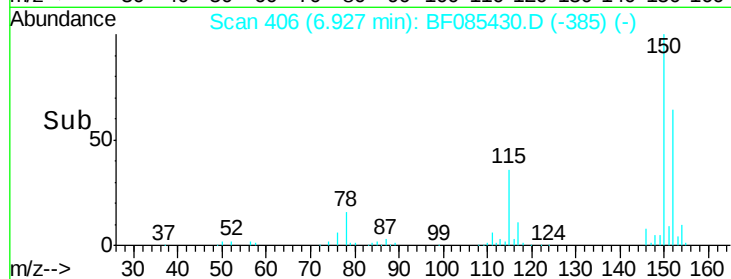
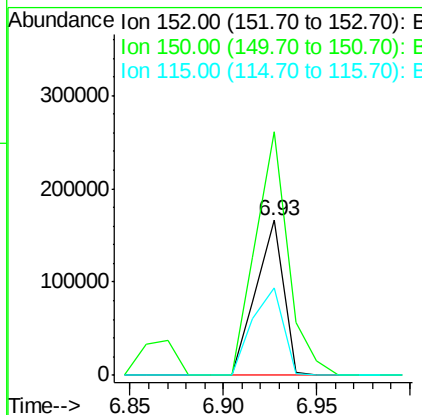
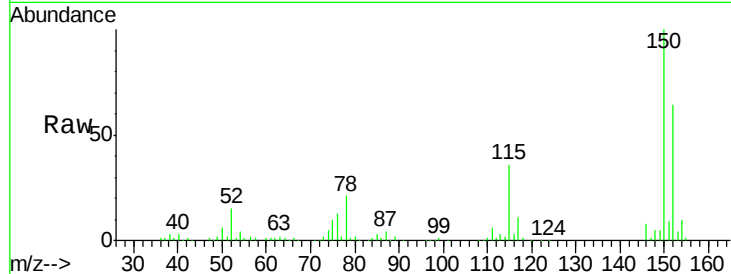
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 406
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	169823		
150	157.2	124.6	186.8	
115	56.9	46.6	70.0	

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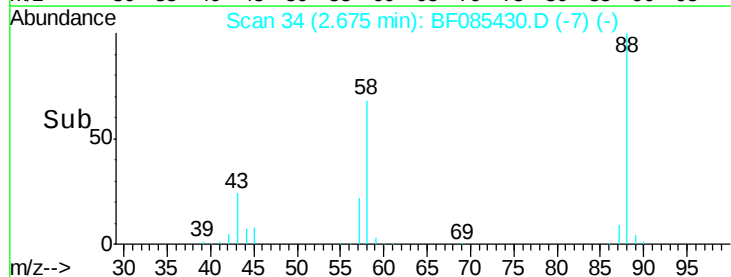
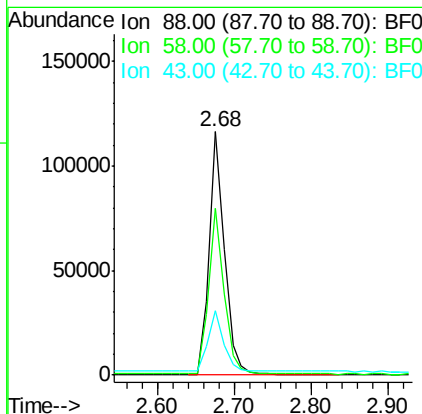
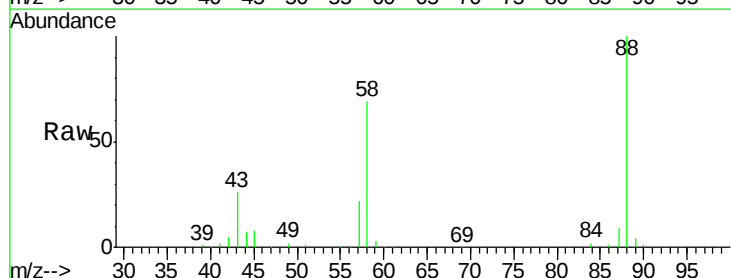
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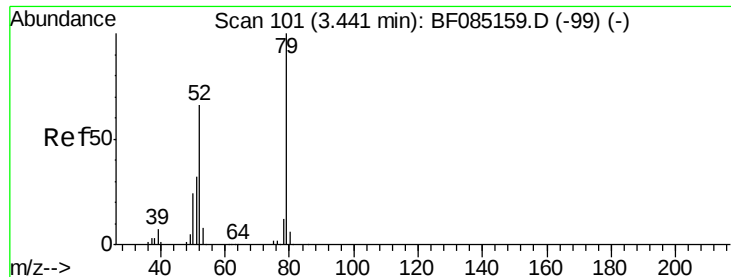


#2

1,4-Dioxane
Concen: 31.28 ng
RT: 2.68 min Scan# 34
Delta R.T. 0.01 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	161958		
58	67.7	57.0	85.6	
43	24.8	20.5	30.7	





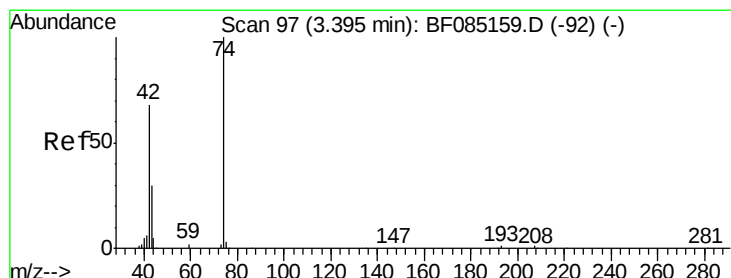
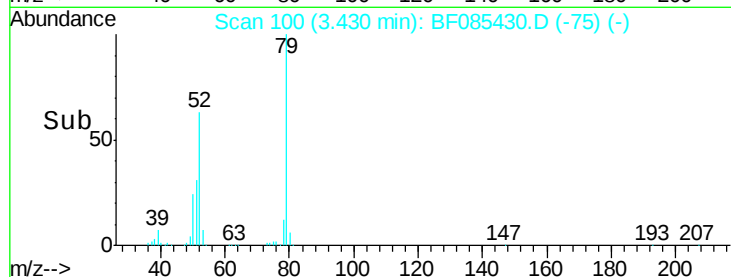
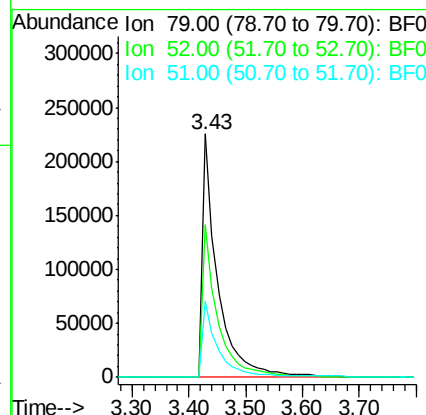
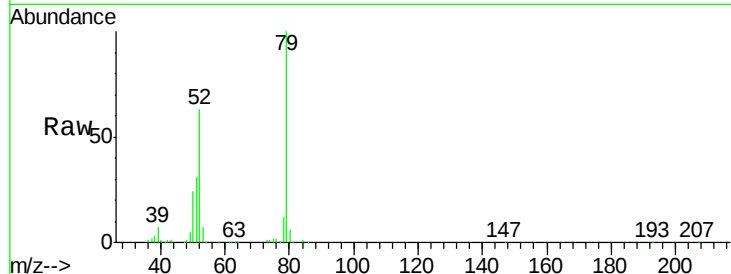
#3
 Pyridine
 Concen: 31.77 ng
 RT: 3.43 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.6	52.6	79.0
51	31.3	25.8	38.8

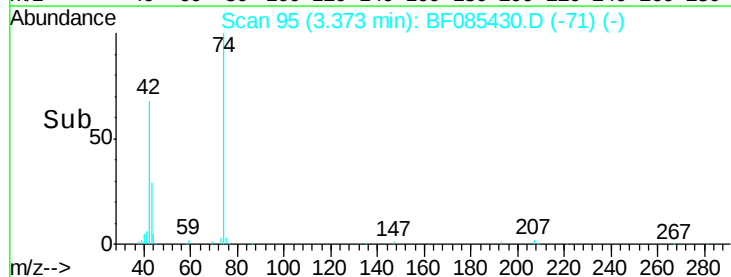
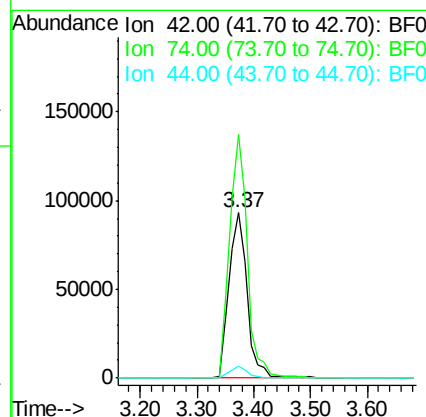
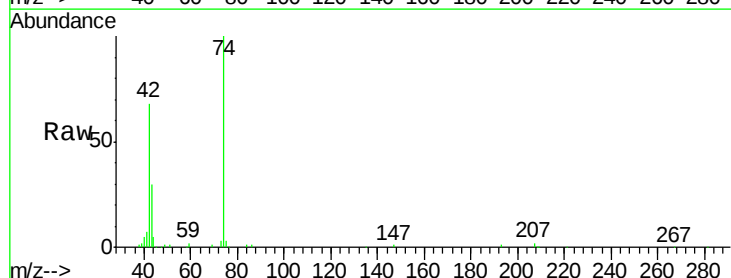
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 38.08 ng
 RT: 3.37 min Scan# 95
 Delta R.T. -0.02 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.5	116.8	175.2
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 76.06 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085430.D

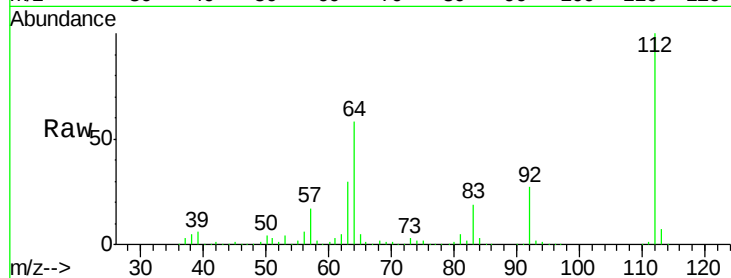
Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

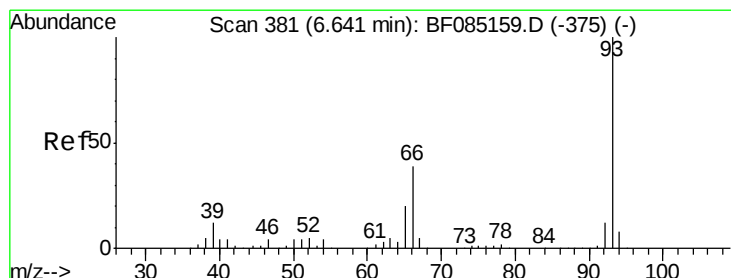
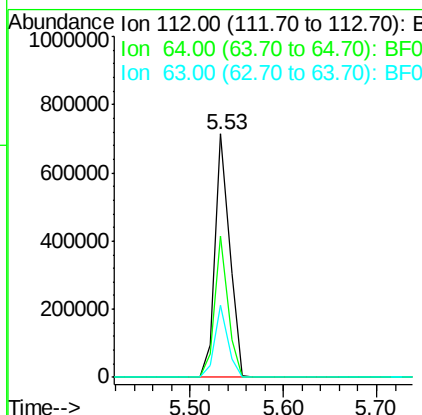
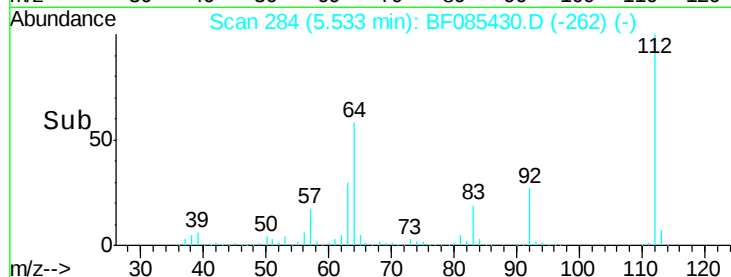
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Tgt Ion:	112	Resp:	770075
Ion Ratio	Lower	Upper	
112	100		
64	57.8	49.0	73.4
63	29.6	24.8	37.2

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#6

Aniline

Concen: 14.43 ng

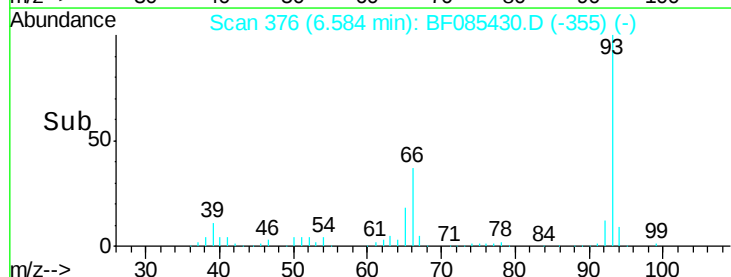
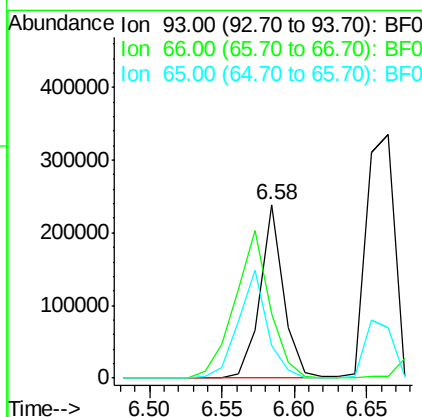
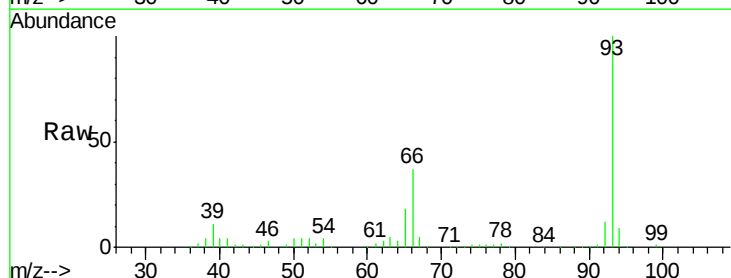
RT: 6.58 min Scan# 376

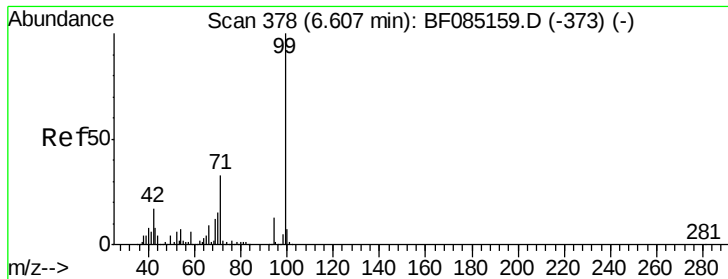
Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt Ion:	93	Resp:	268330
Ion Ratio	Lower	Upper	
93	100		
66	36.9	31.6	47.4
65	18.4	15.8	23.8





#7

Phenol-d6

Concen: 83.44 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085430.D

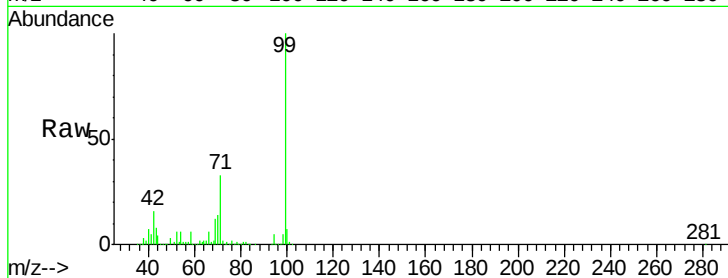
Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD



Tgt Ion: 99 Resp: 1106808

Ion Ratio Lower Upper

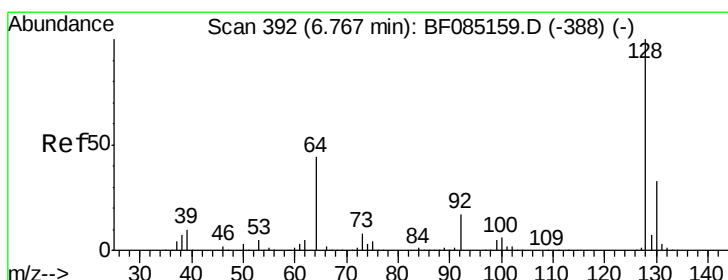
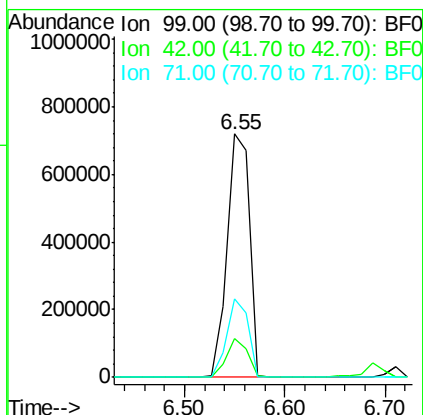
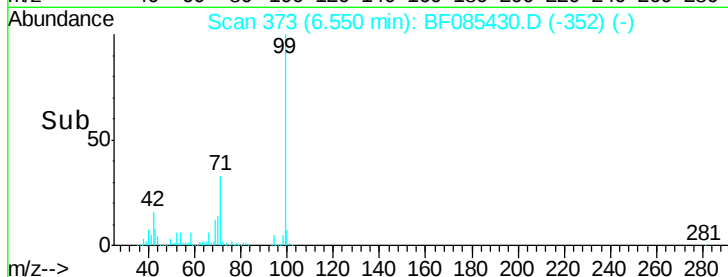
99 100

42 16.0 13.6 20.4

71 32.5 26.7 40.1

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#8

2-Chlorophenol

Concen: 40.75 ng

RT: 6.71 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

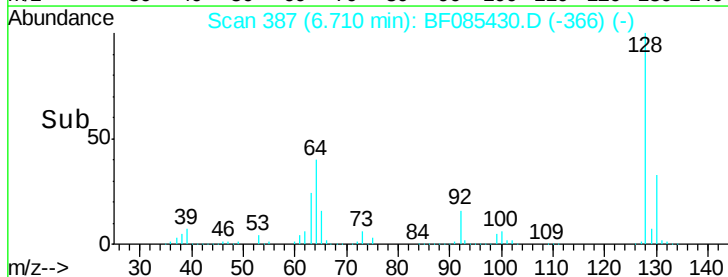
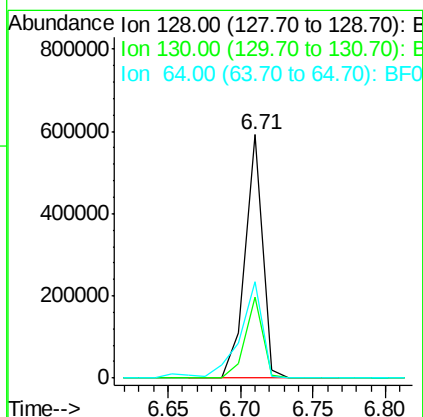
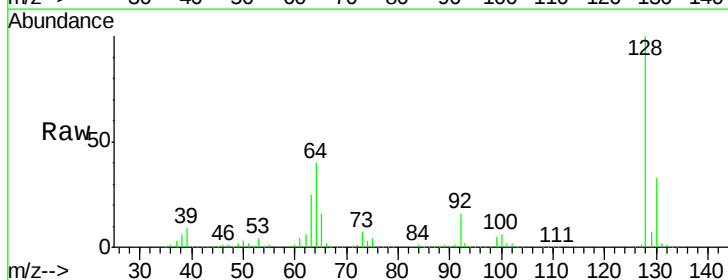
Tgt Ion: 128 Resp: 496653

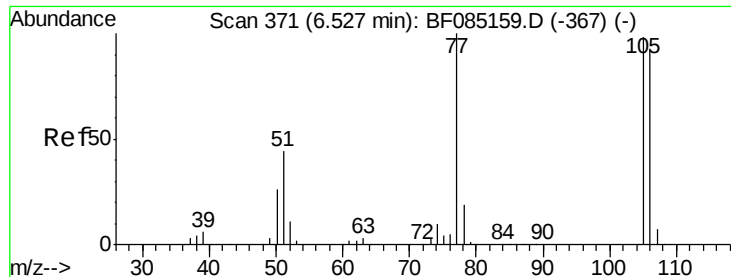
Ion Ratio Lower Upper

128 100

130 33.4 13.3 53.3

64 39.8 25.7 65.7





#9

Benzaldehyde

Concen: 16.30 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

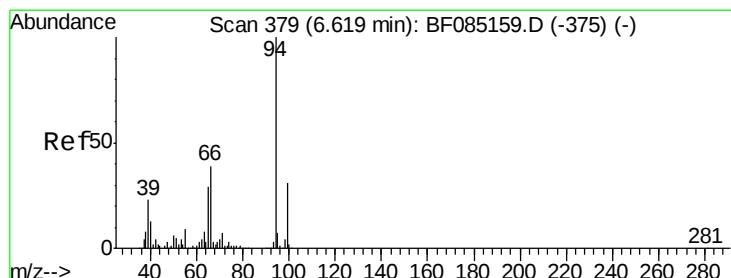
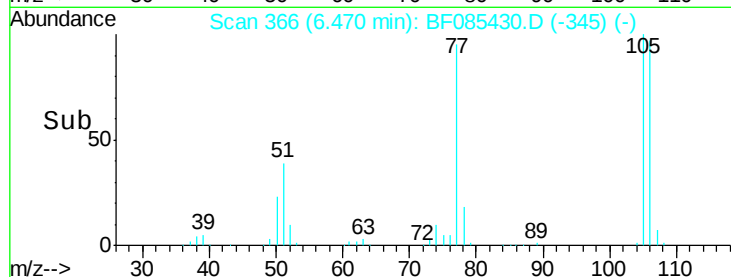
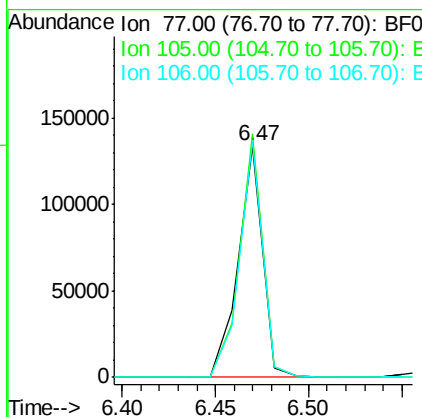
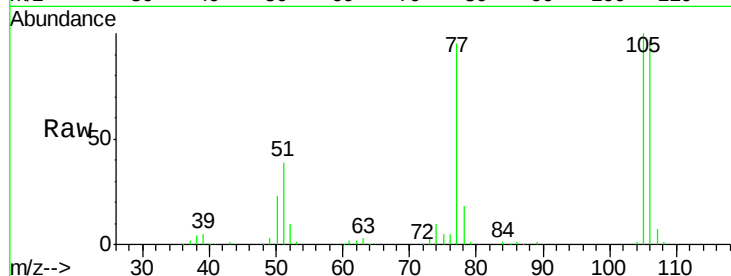
ClientSampleId :

PB88829BSD

Tgt Ion:	77	Resp:	122811
Ion	Ratio	Lower	Upper
77	100		
105	105.3	78.2	118.2
106	102.2	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 44.51 ng m

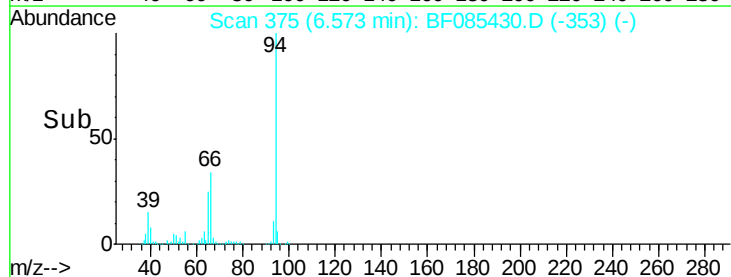
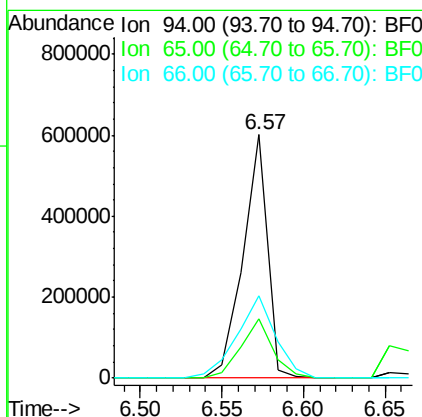
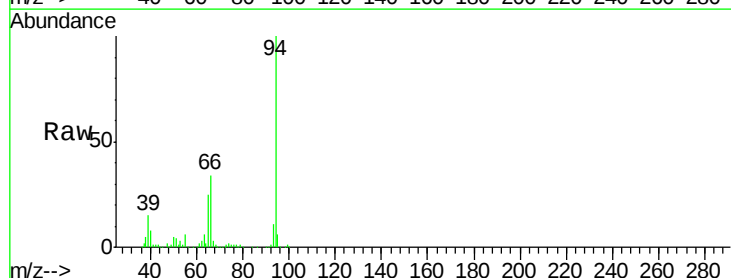
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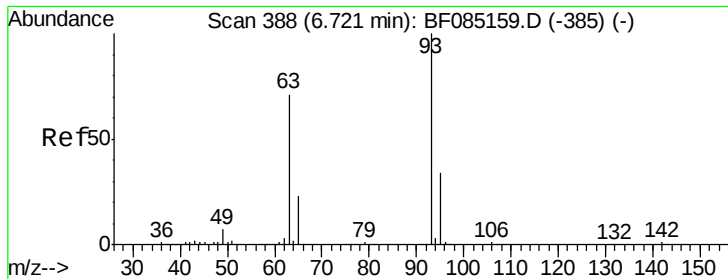
Delta R.T. -0.05 min

Lab File: BF085430.D

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Tgt Ion:	94	Resp:	632296
Ion	Ratio	Lower	Upper
94	100		
65	24.6	9.1	49.1
66	33.7	19.3	59.3





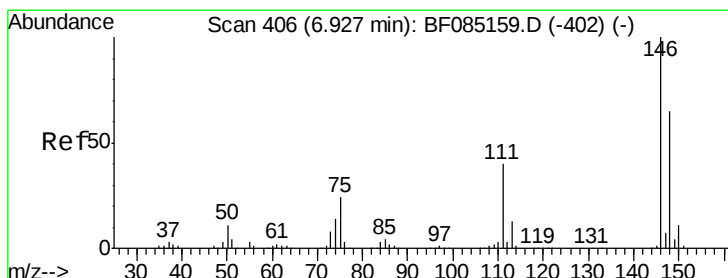
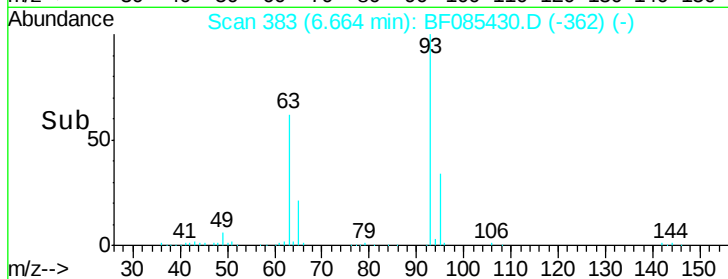
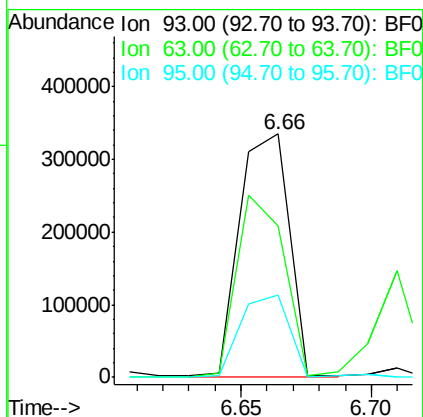
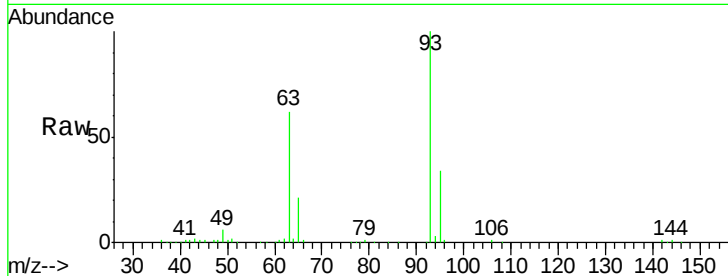
#11
bis(2-Chloroethyl)ether
Concen: 38.05 ng
RT: 6.66 min Scan# 383
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion:	93	Resp:	449015
Ion	Ratio	Lower	Upper
93	100		
63	62.4	50.9	90.9
95	33.7	13.7	53.7

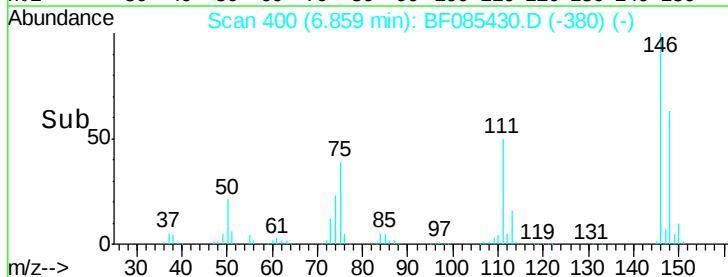
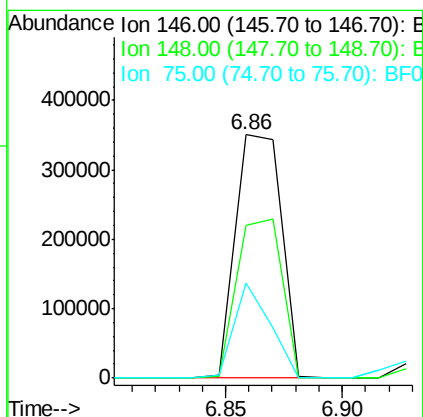
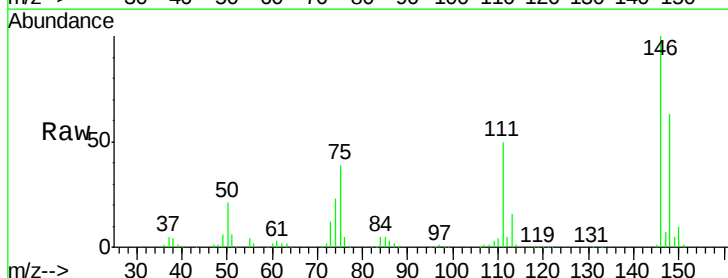
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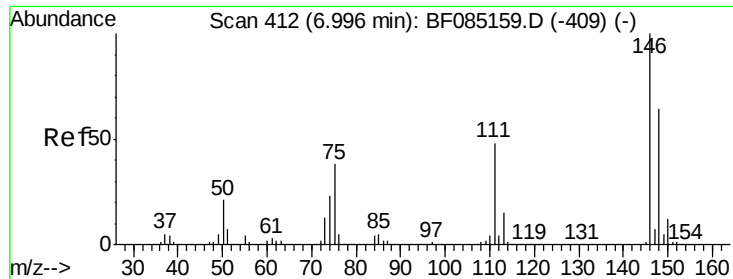
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.80 ng m
RT: 6.86 min Scan# 400
Delta R.T. -0.07 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion:	146	Resp:	481617
Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.1	78.1
75	39.0	19.5	29.3#





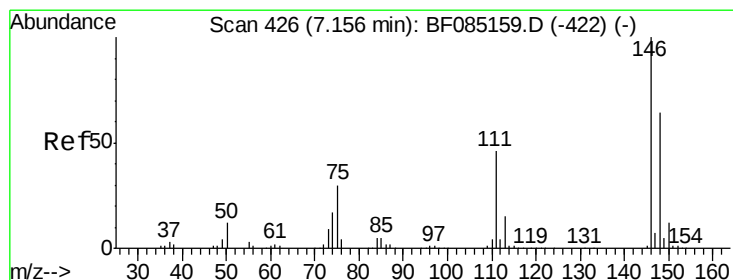
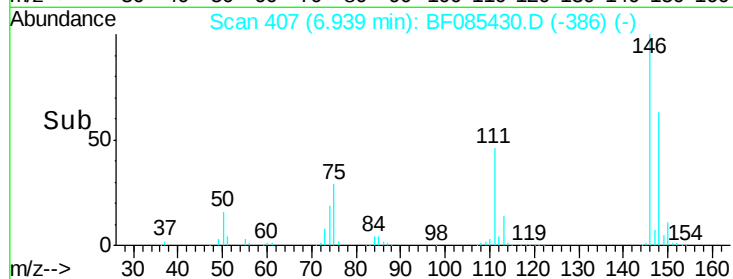
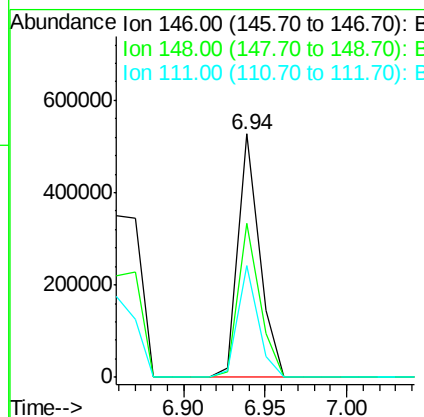
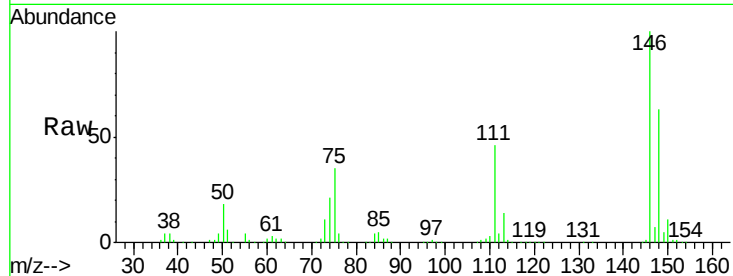
#13
 1,4-Dichlorobenzene
 Concen: 36.22 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.3	76.9
111	46.0	38.4	57.6

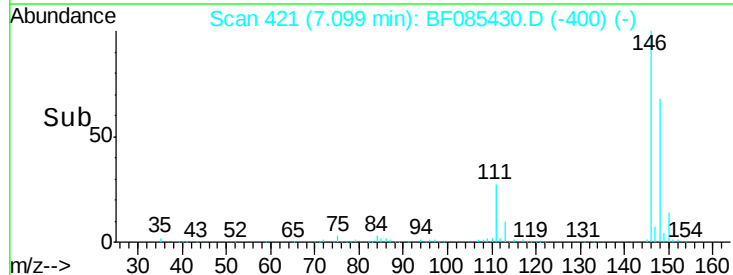
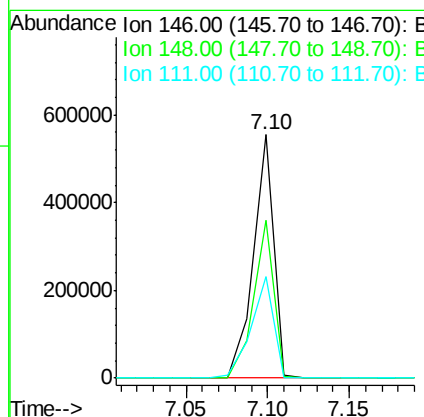
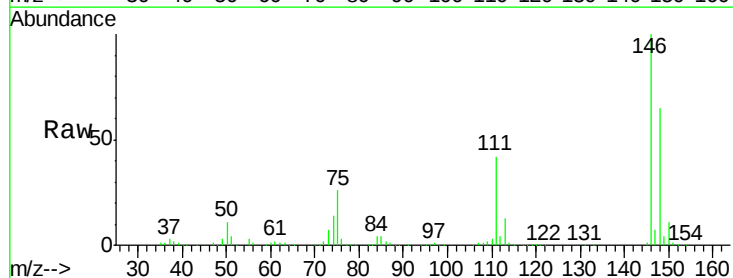
Manual Integrations
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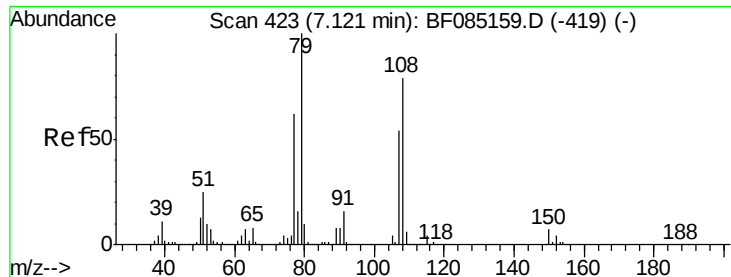
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.33 ng
 RT: 7.10 min Scan# 421
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	41.6	36.7	55.1





#15

Benzyl Alcohol

Concen: 38.58 ng

RT: 7.06 min Scan# 418

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

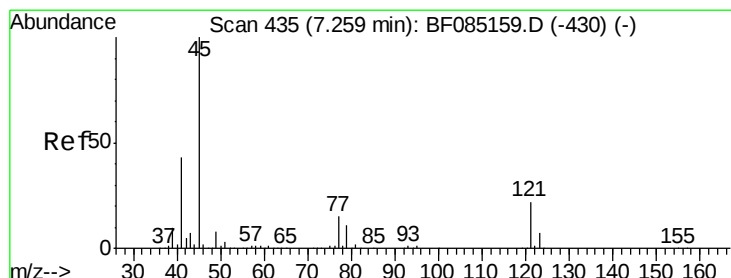
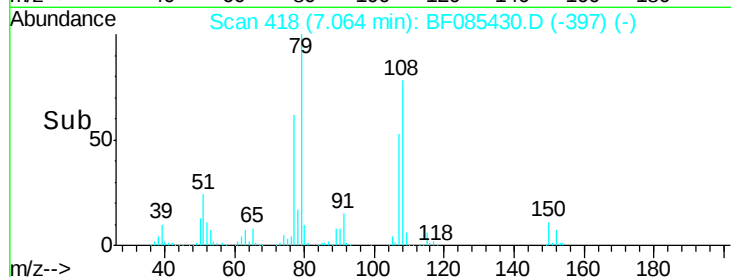
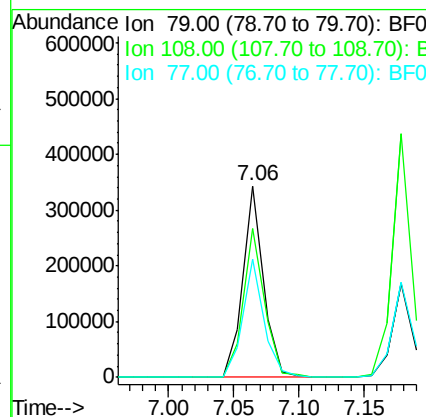
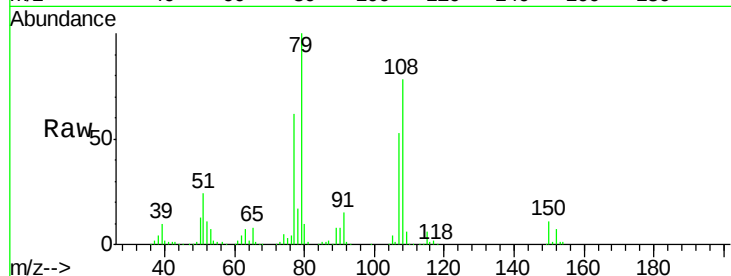
ClientSampleId :

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Tgt Ion:	79	Resp:	375676
Ion Ratio	Lower	Upper	
79	100		
108	77.9	62.9	94.3
77	61.9	49.5	74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.33 ng

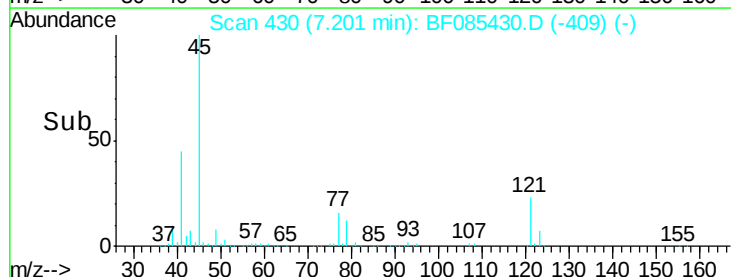
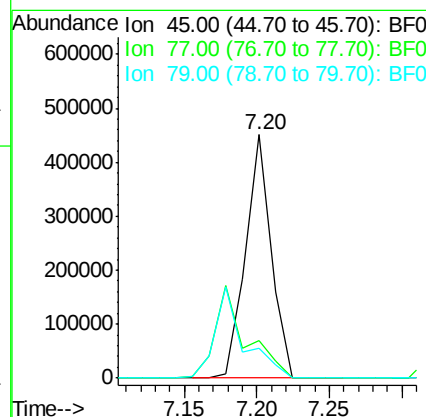
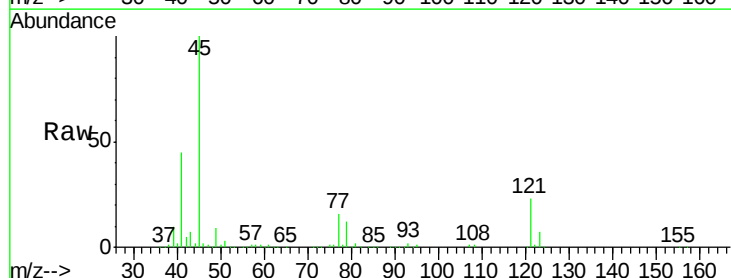
RT: 7.20 min Scan# 430

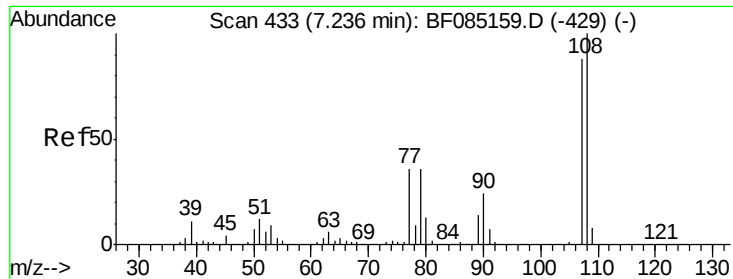
Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt Ion:	45	Resp:	549822
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	35.1
79	12.2	0.0	31.3





#17

2-Methylphenol

Concen: 38.31 ng

RT: 7.18 min Scan# 428

Delta R.T. -0.06 min

Lab File: BF085430.D

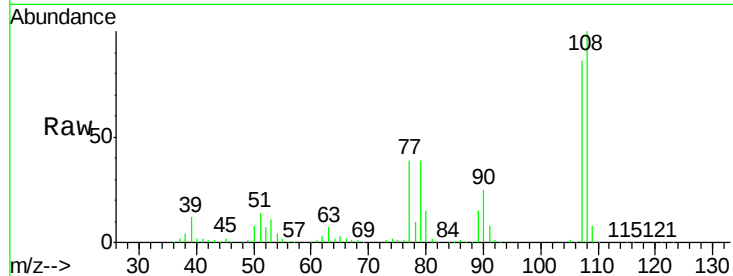
Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

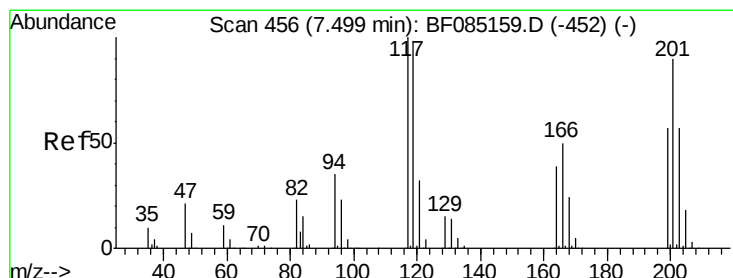
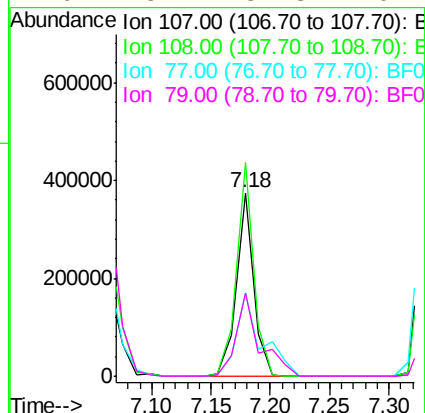
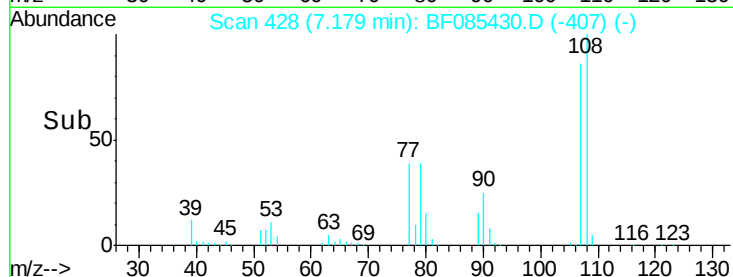
PB88829BSD



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	381008		
108	108.00	116.4	90.9	136.3	
77	77.00	45.6	32.6	48.8	
79	79.00	45.1	32.8	49.2	

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#18

Hexachloroethane

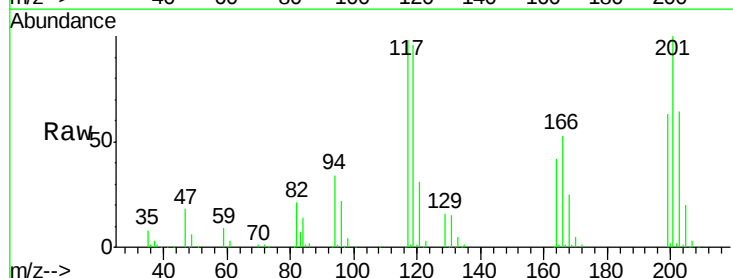
Concen: 38.69 ng

RT: 7.44 min Scan# 451

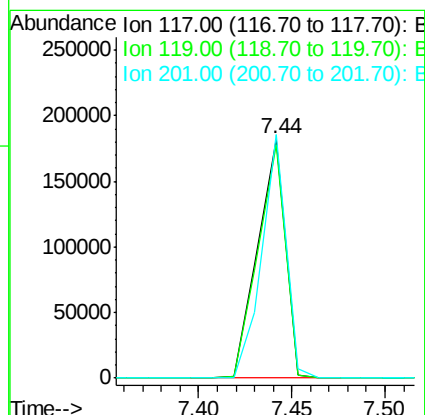
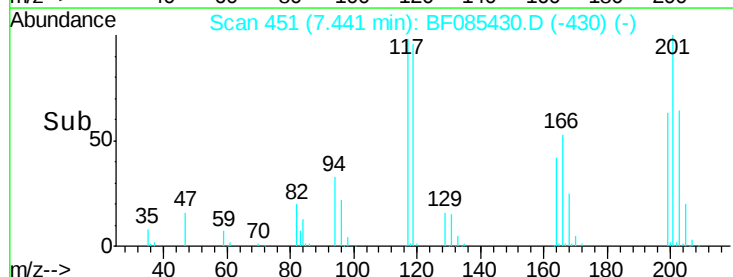
Delta R.T. -0.06 min

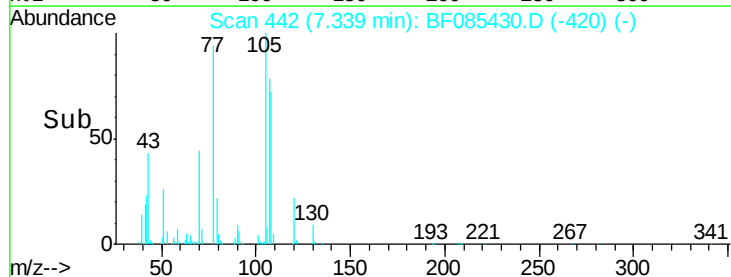
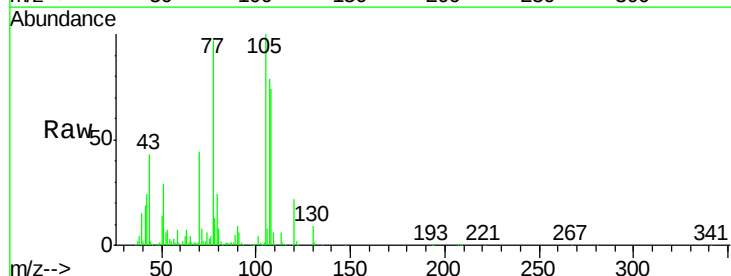
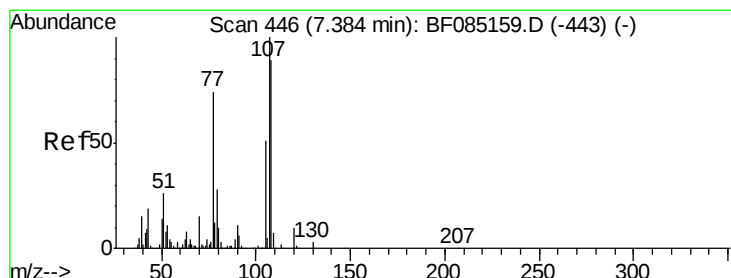
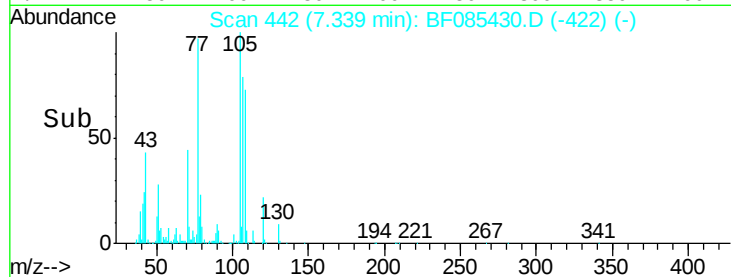
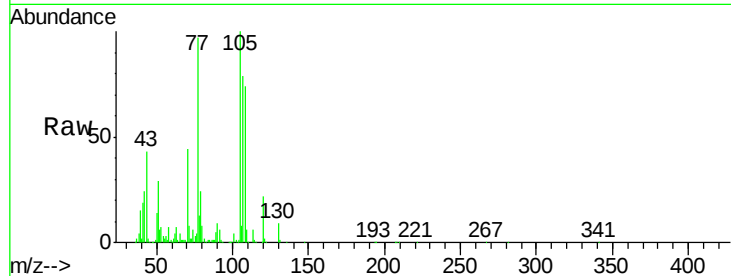
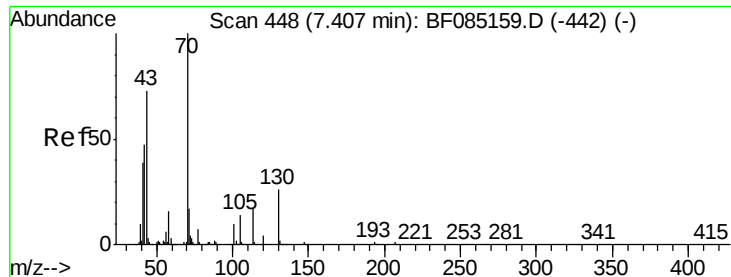
Lab File: BF085430.D

Acq: 14 Mar 2016 15:50



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	187178		
119	119.00	97.7	78.2	117.4	
201	201.00	101.9	72.0	108.0	





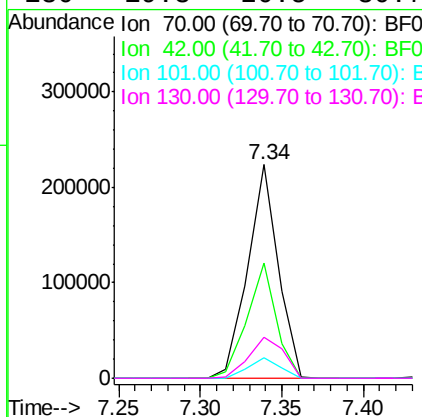
#19
n-Nitroso-di-n-propylamine
Concen: 33.42 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		288949		
42	53.9	37.7	56.5		
101	9.4	8.2	12.4		
130	19.3	20.5	30.7#		

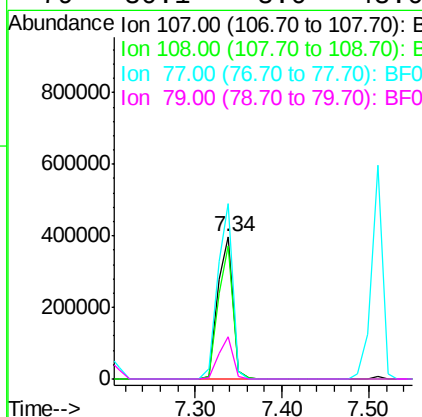
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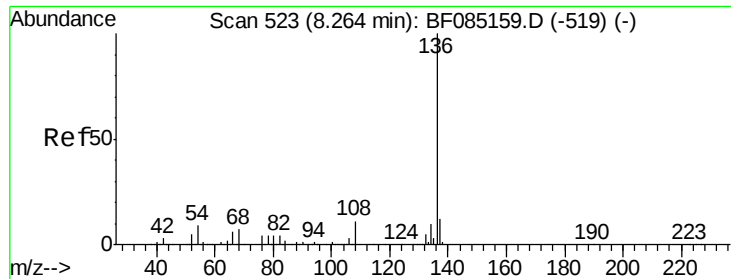
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#20
3+4-Methylphenols
Concen: 41.59 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		489936		
108	93.4	68.8	108.8		
77	122.8	53.6	93.6#		
79	30.1	8.0	48.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF085430.D

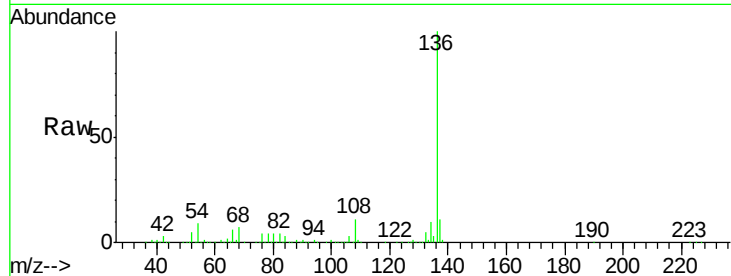
Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

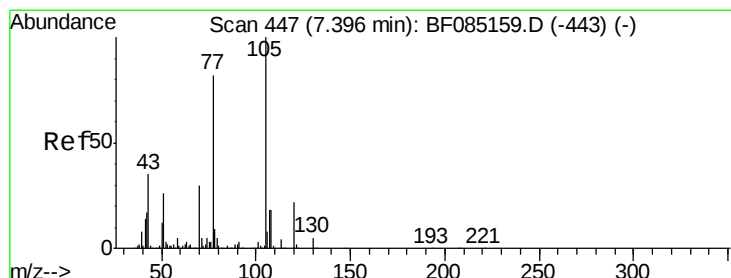
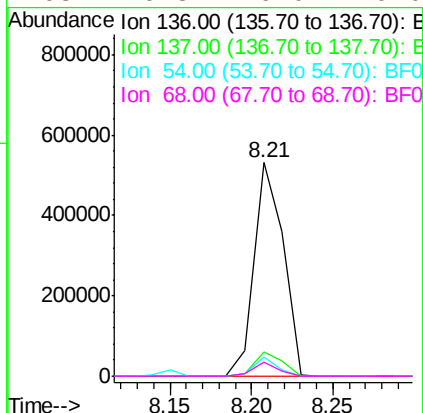
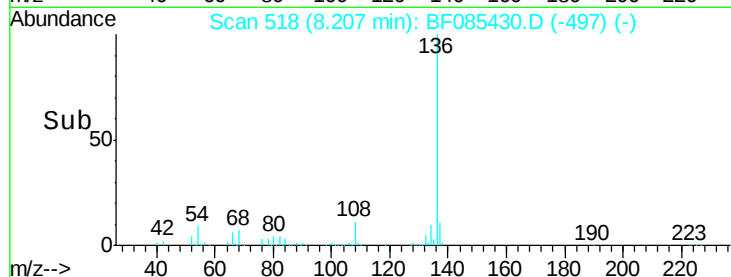
PB88829BSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	657847		
137	11.3	9.3	13.9	
54	8.9	7.4	11.2	
68	6.8	6.0	9.0	

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#22

Acetophenone

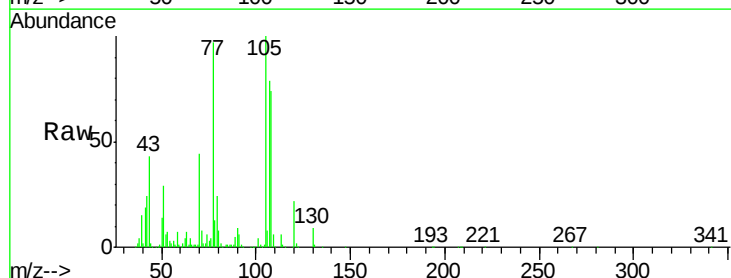
Concen: 37.24 ng

RT: 7.34 min Scan# 442

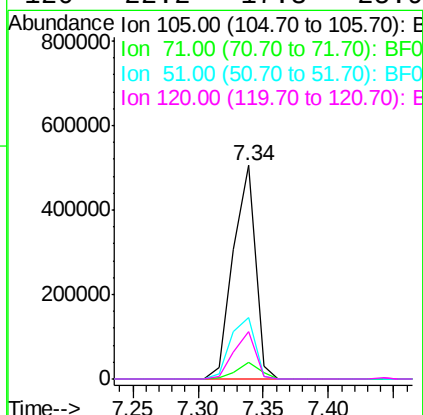
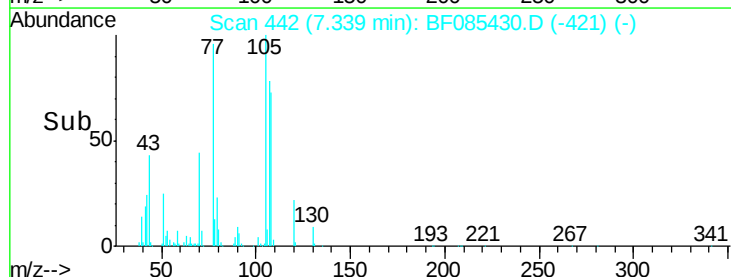
Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	597997		
71	7.7	4.1	6.1#	
51	28.6	21.1	31.7	
120	22.2	17.3	25.9	





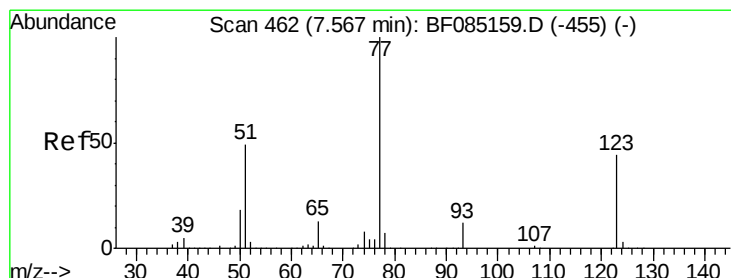
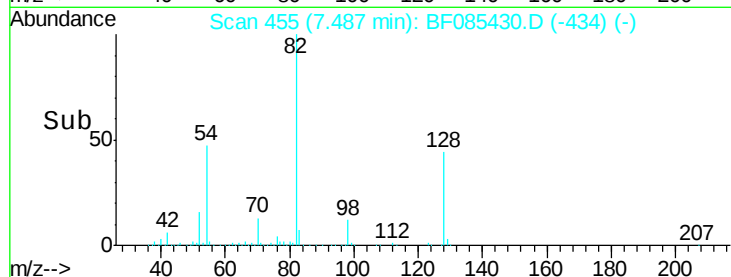
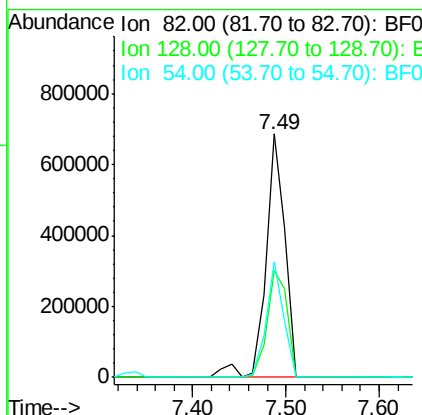
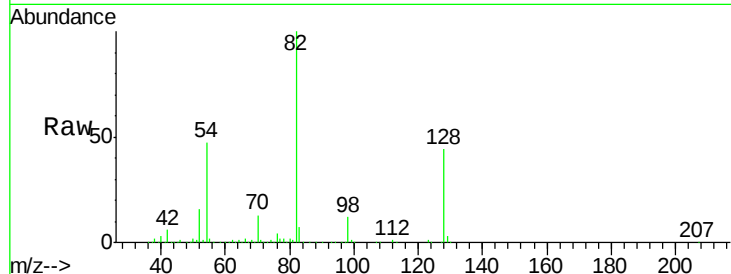
#23
 Nitrobenzene-d5
 Concen: 79.22 ng
 RT: 7.49 min Scan# 455
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.5	51.7
54	47.3	39.3	58.9

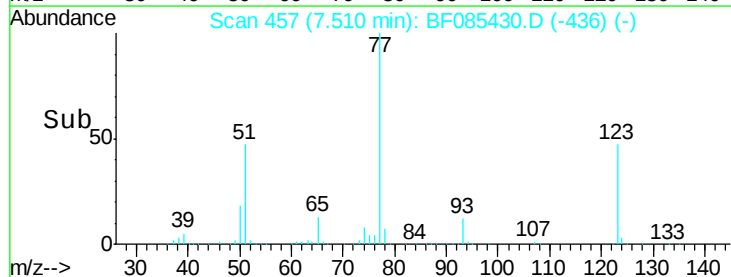
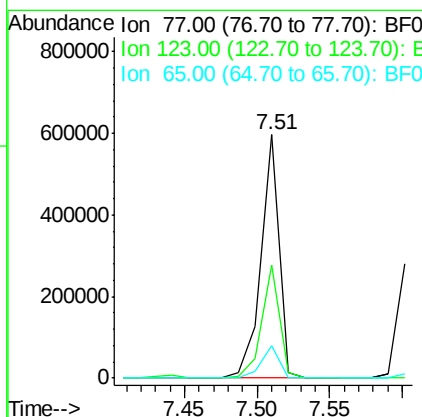
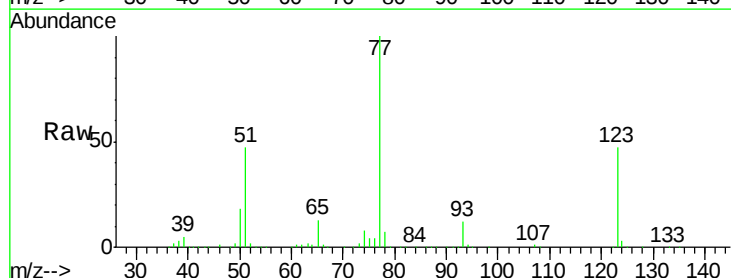
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#24
 Nitrobenzene
 Concen: 41.41 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	35.4	53.2
65	13.3	10.6	16.0





#25

Isophorone

Concen: 40.23 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

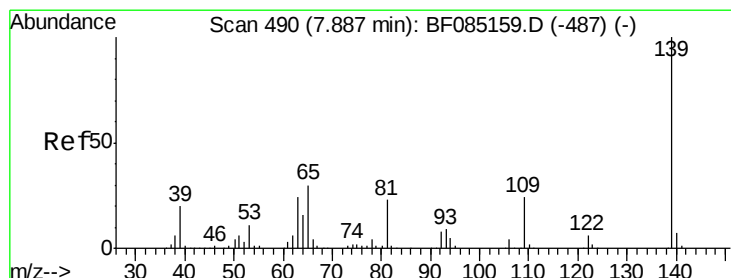
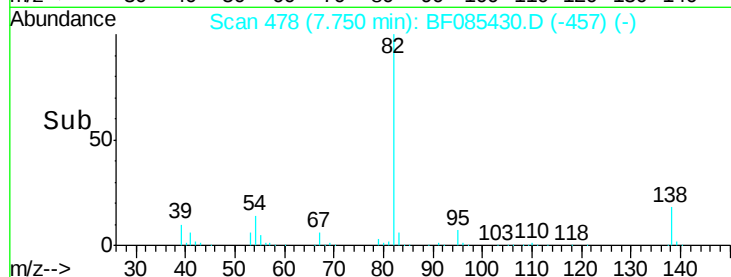
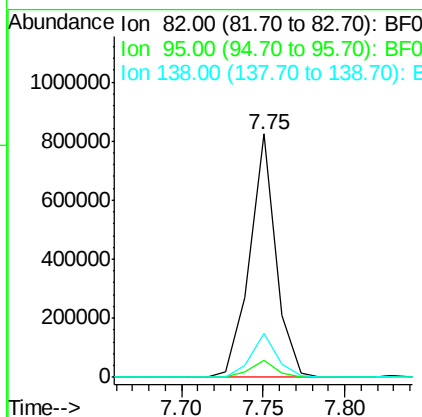
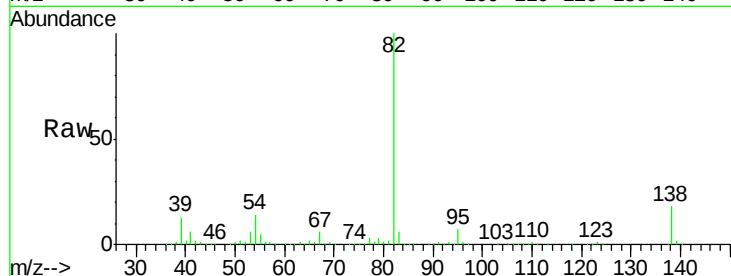
ClientSampled :

PB88829BSD

Tgt Ion:	82	Resp:	916419
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.8	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.36 ng

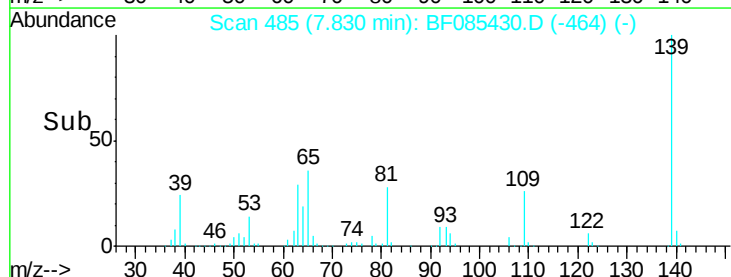
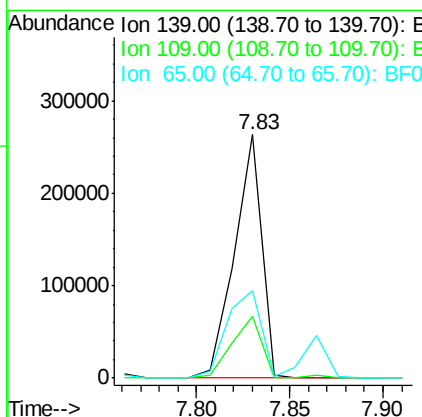
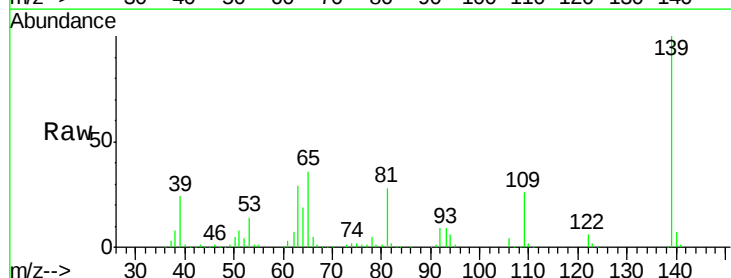
RT: 7.83 min Scan# 485

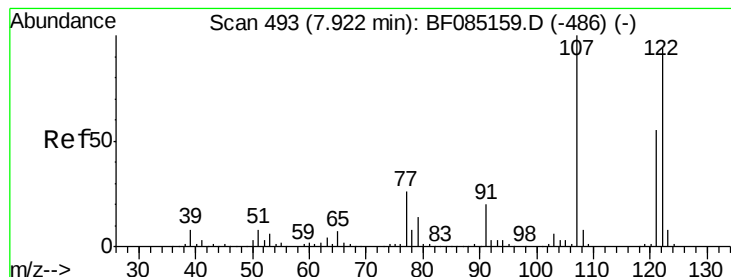
Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt Ion:	139	Resp:	269563
Ion Ratio		Lower	Upper
139	100		
109	25.6	19.1	28.7
65	36.0	23.9	35.9#





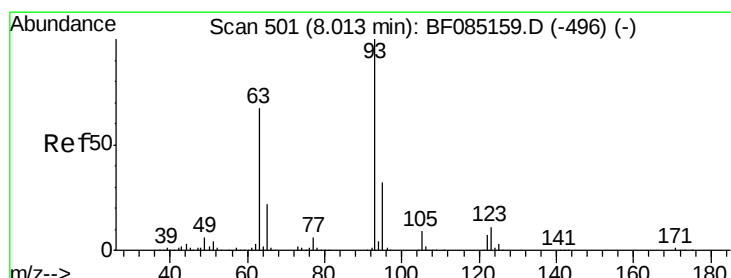
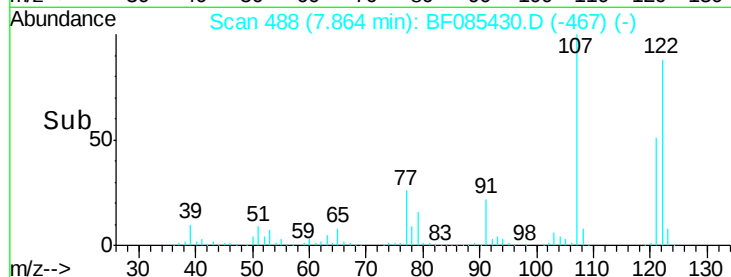
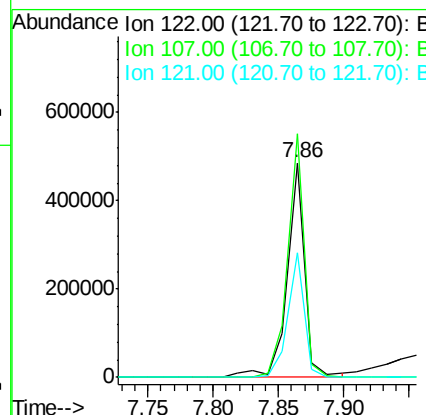
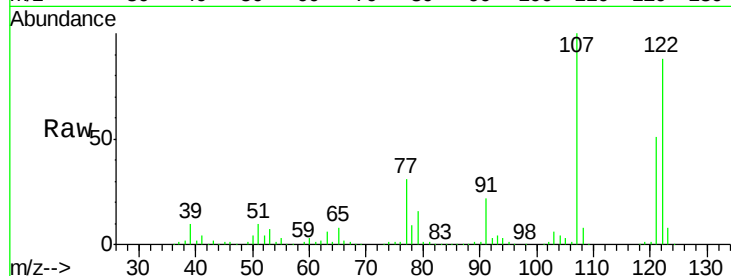
#27
 2,4-Dimethylphenol
 Concen: 41.23 ng
 RT: 7.86 min Scan# 488
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	457901		
107	113.4	84.8	127.2	
121	58.0	47.0	70.6	

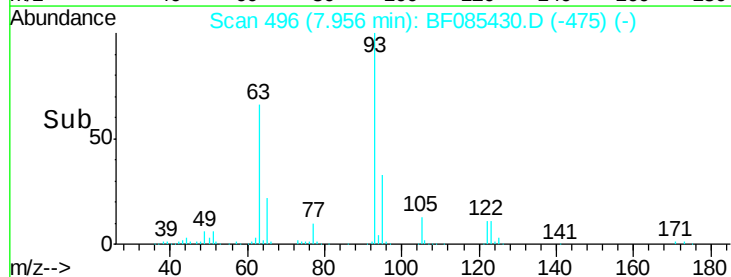
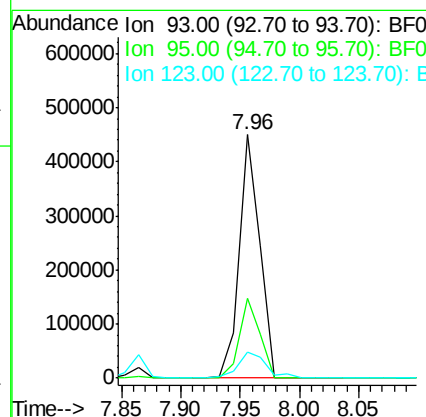
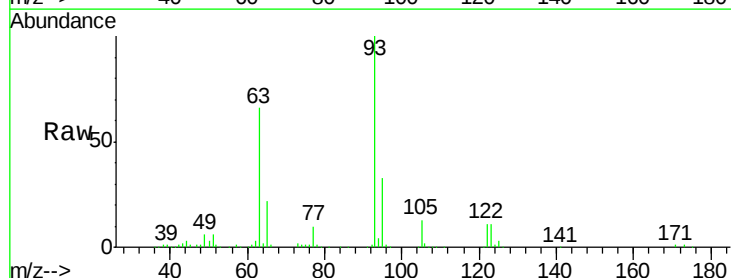
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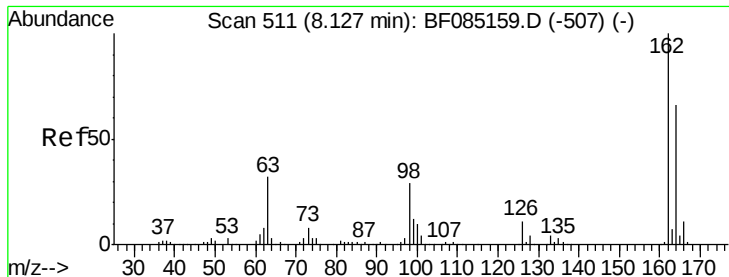
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.36 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	537453		
95	32.8	25.9	38.9	
123	10.9	8.8	13.2	





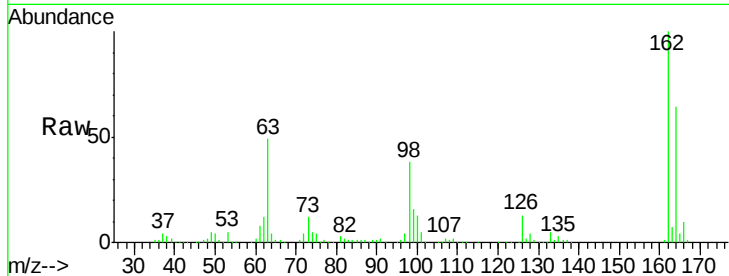
#29
 2,4-Dichlorophenol
 Concen: 44.58 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

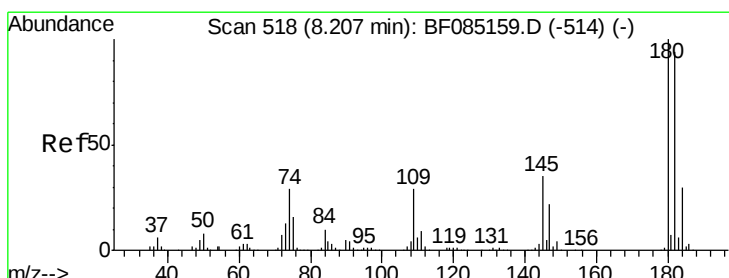
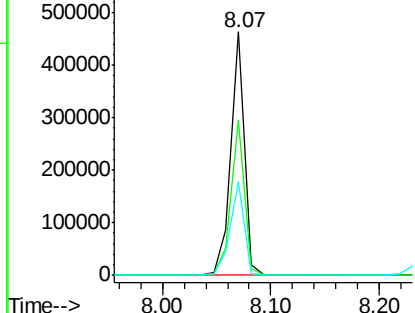
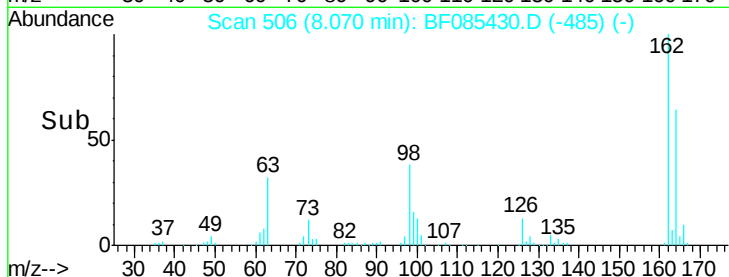
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	399276		
164	64.0	45.7	85.7	
98	38.4	9.4	49.4	

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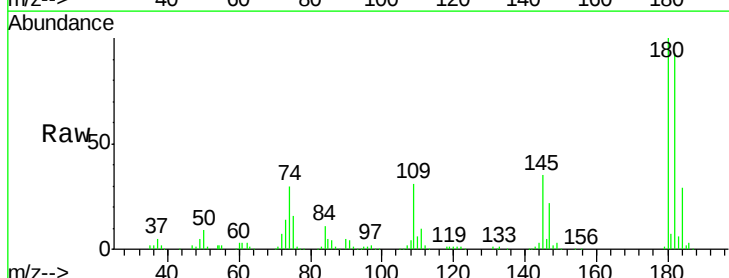


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

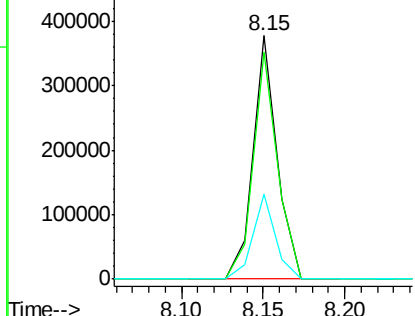
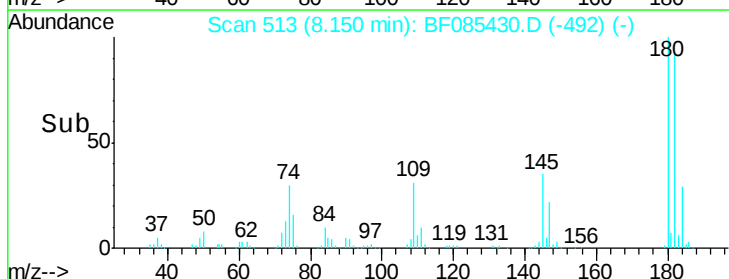


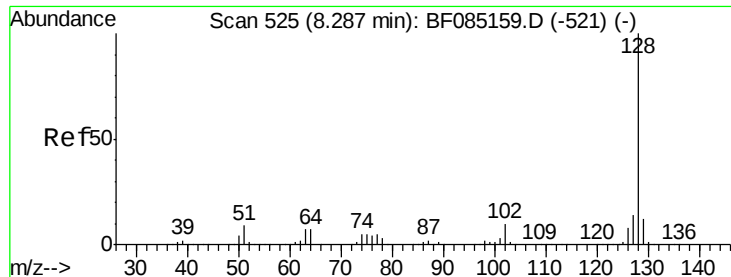
#30
 1,2,4-Trichlorobenzene
 Concen: 39.95 ng
 RT: 8.15 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	386921		
182	93.1	74.9	112.3	
145	34.7	27.9	41.9	



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





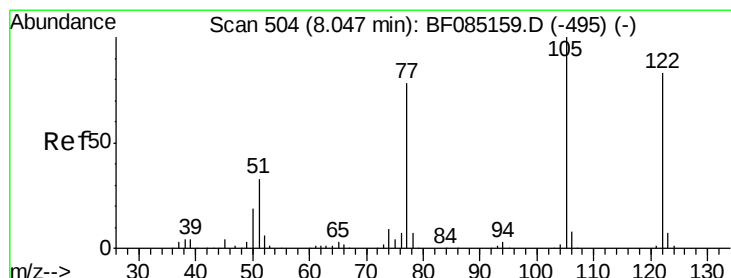
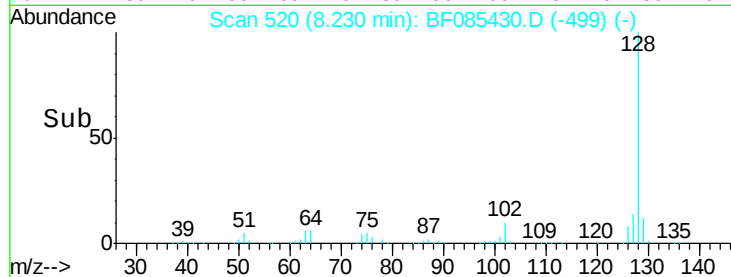
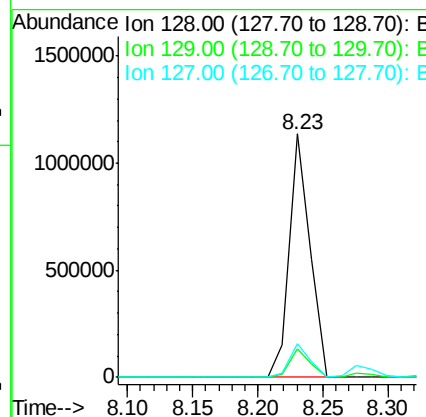
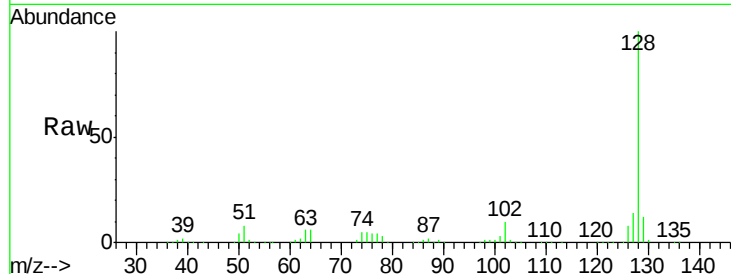
#31
Naphthalene
Concen: 39.20 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion:128 Resp: 1267884
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.6 11.2 16.8

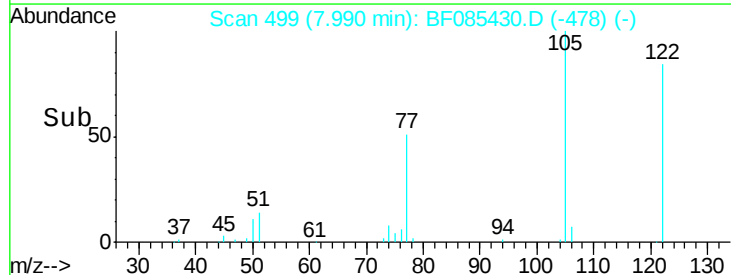
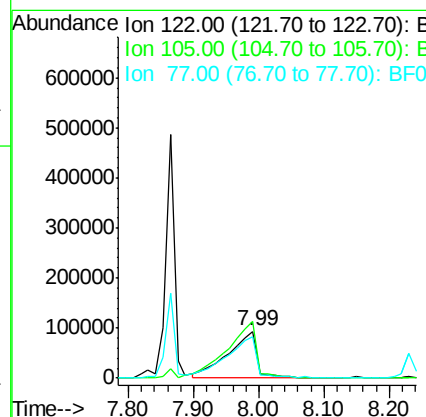
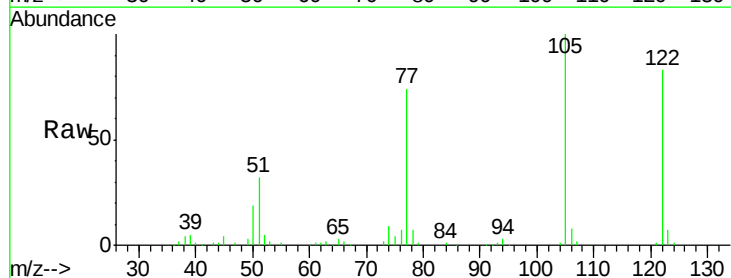
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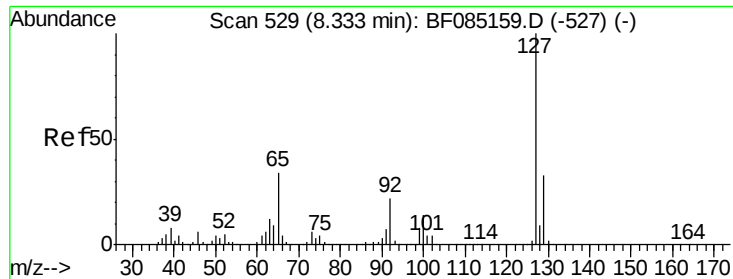
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#32
Benzoic acid
Concen: 38.96 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion:122 Resp: 287405
Ion Ratio Lower Upper
122 100
105 120.2 101.3 141.3
77 89.2 74.7 114.7





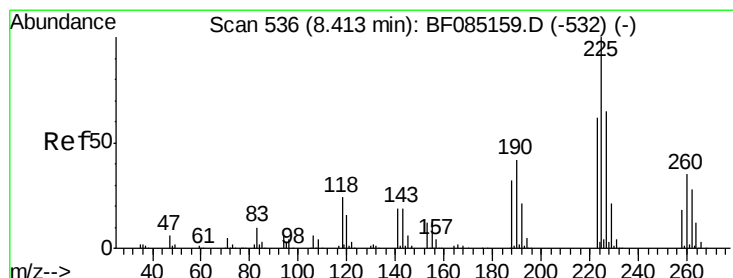
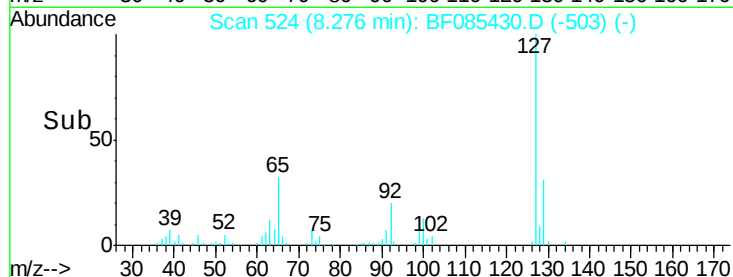
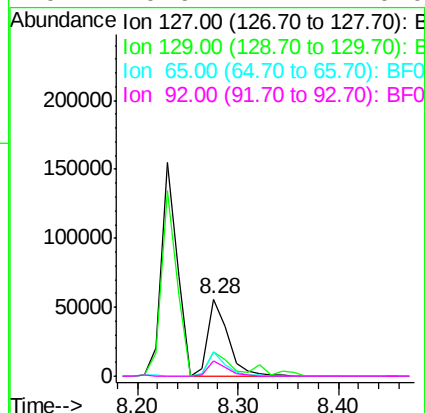
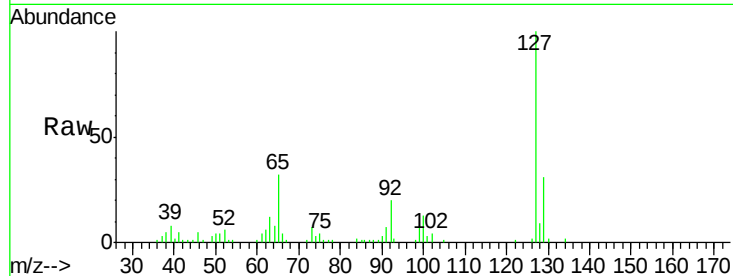
#33
4-Chloroaniline
Concen: 6.03 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	30.9	26.1	39.1
65	32.2	27.0	40.6
92	19.6	17.4	26.0

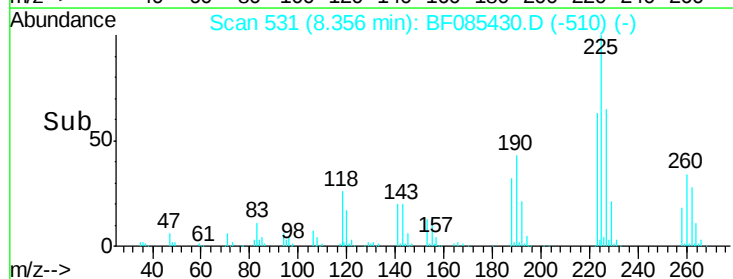
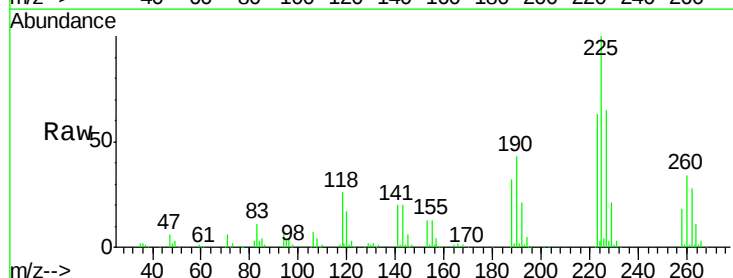
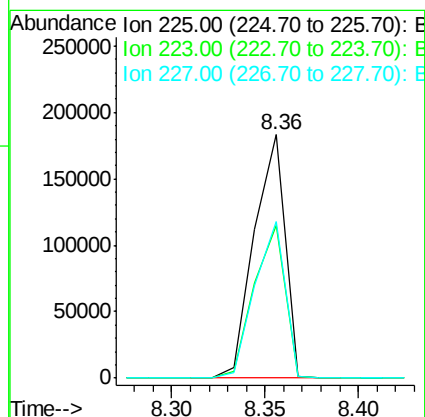
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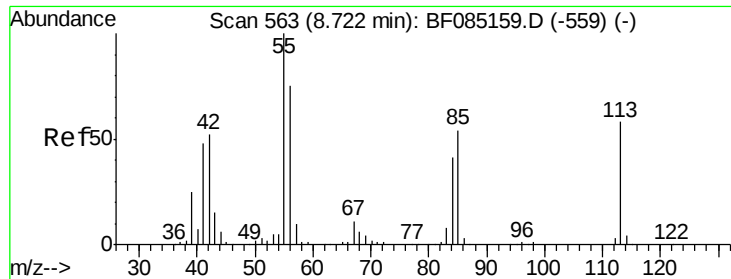
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#34
Hexachlorobutadiene
Concen: 41.40 ng
RT: 8.36 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.5	49.7	74.5
227	64.5	52.2	78.4





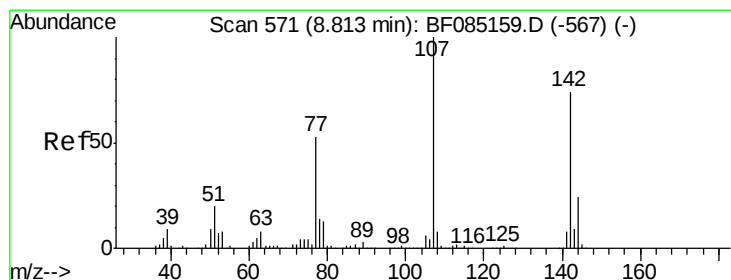
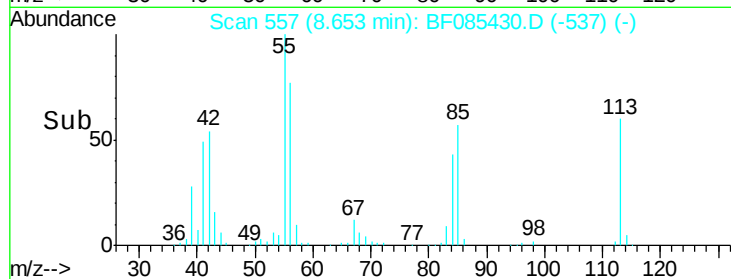
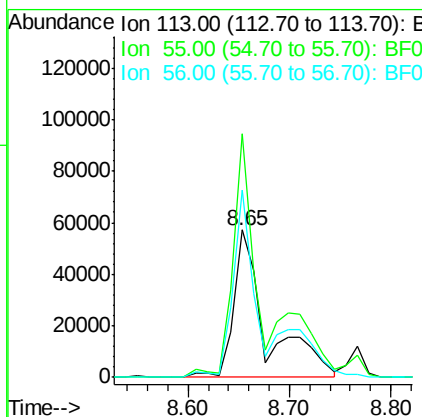
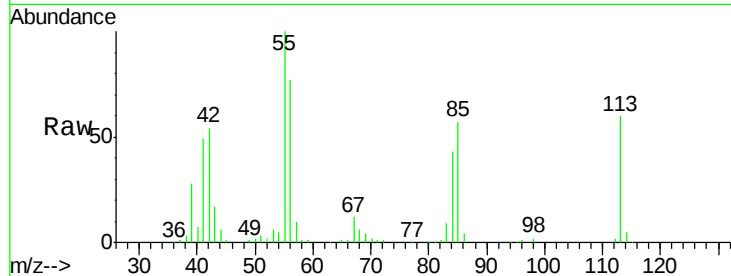
#35
 Caprolactam
 Concen: 44.56 ng m
 RT: 8.65 min Scan# 557
 Delta R.T. -0.07 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
113	100	130353		
55	165.6	152.7	192.7	
56	127.6	109.0	149.0	

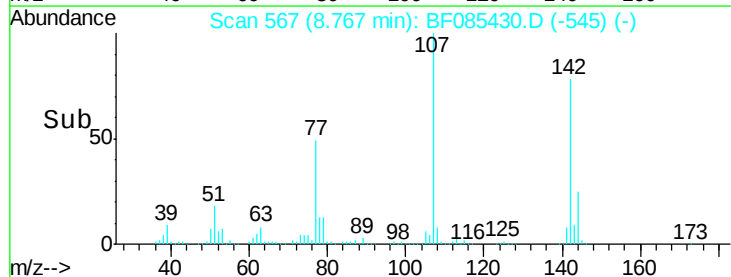
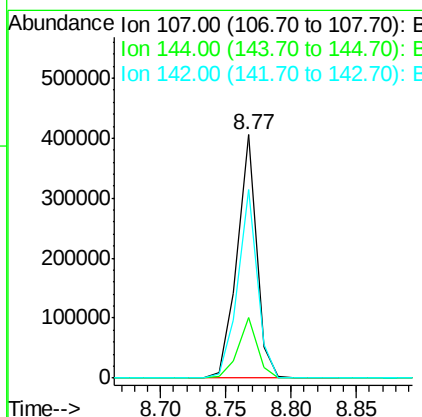
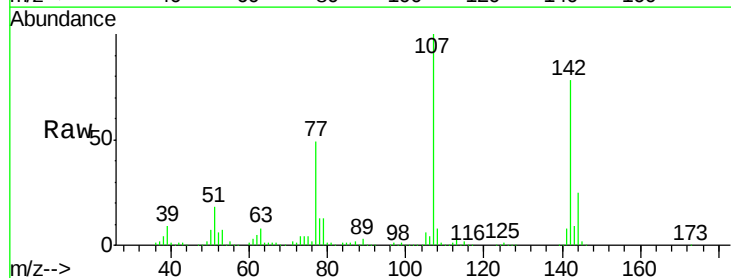
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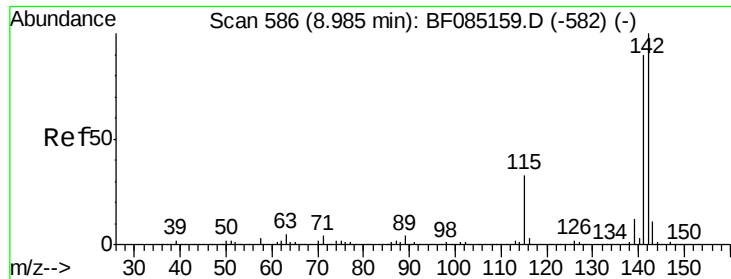
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#36
 4-Chloro-3-methylphenol
 Concen: 41.36 ng
 RT: 8.77 min Scan# 567
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	420323		
144	25.1	19.4	29.2	
142	77.7	59.4	89.2	





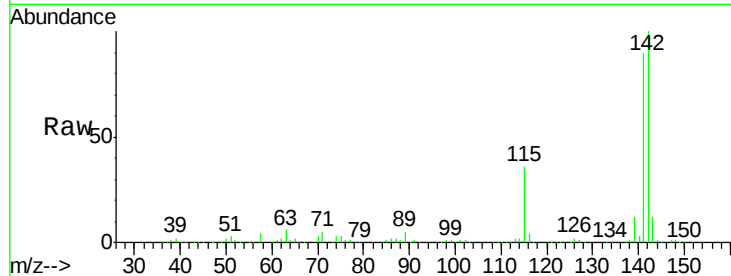
#37
2-Methylnaphthalene
Concen: 43.86 ng
RT: 8.93 min Scan# 581
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

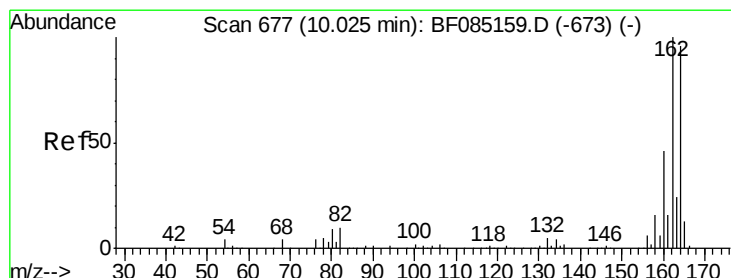
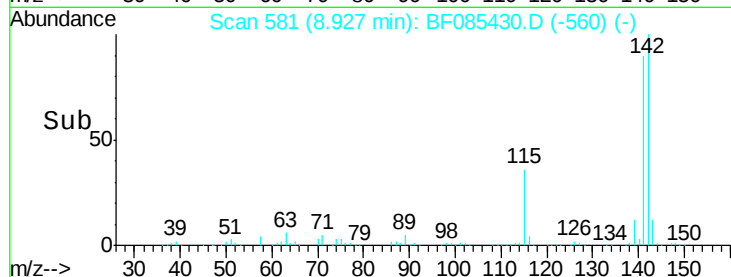
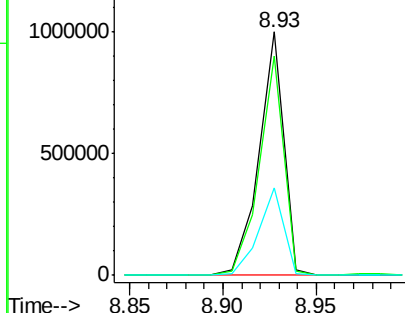
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	910483		
141	89.9	71.7	107.5	
115	35.9	26.2	39.4	

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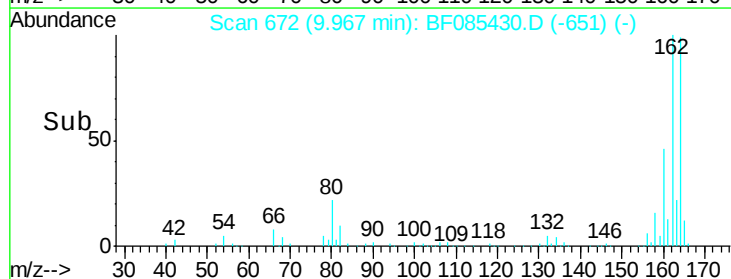
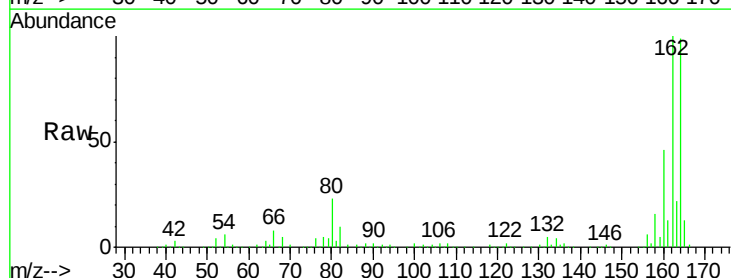
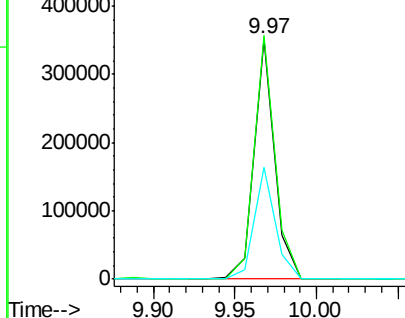
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

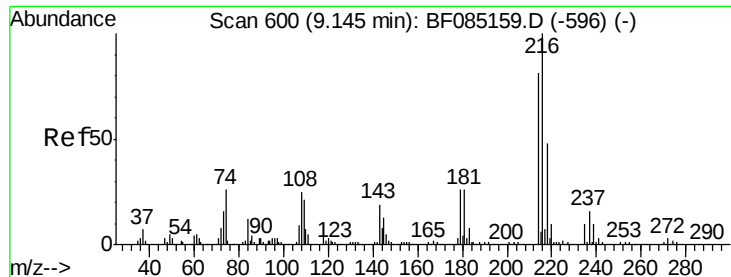


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	307294		
162	101.5	83.3	124.9	
160	46.6	37.9	56.9	

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





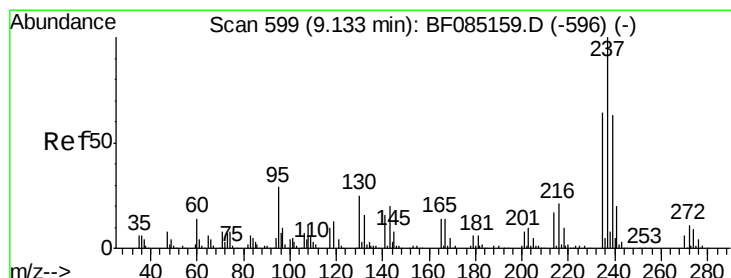
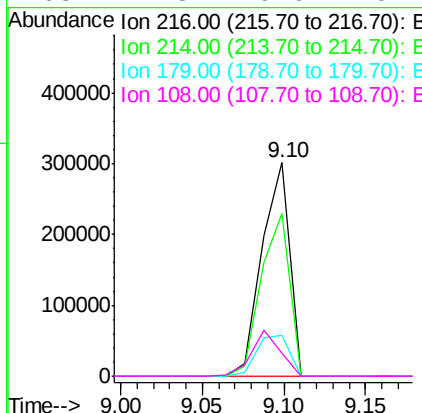
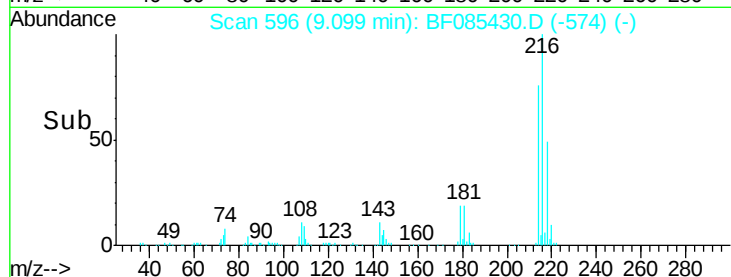
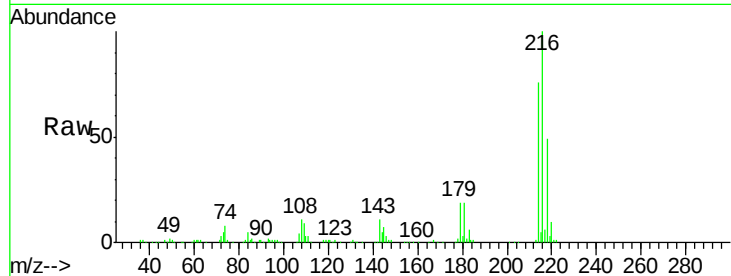
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.51 ng
 RT: 9.10 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion:	216	Resp:	356024
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.8	95.6
179	22.6	19.6	29.4
108	22.3	19.6	29.4

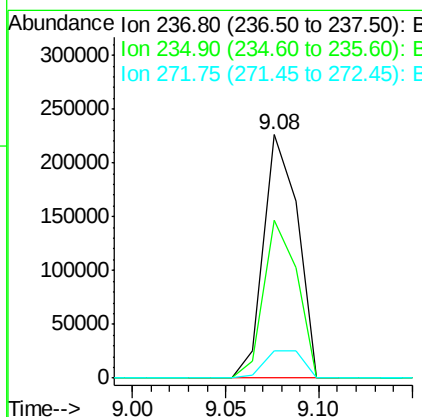
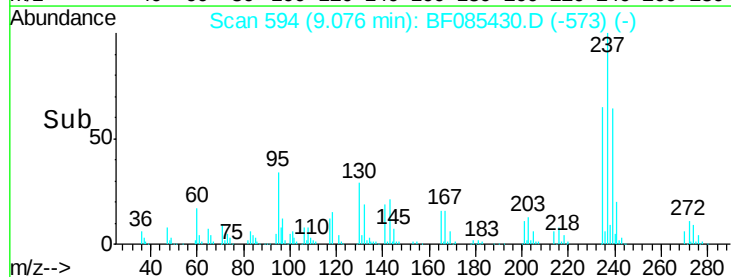
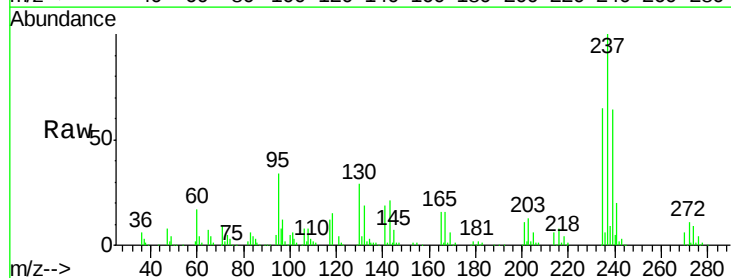
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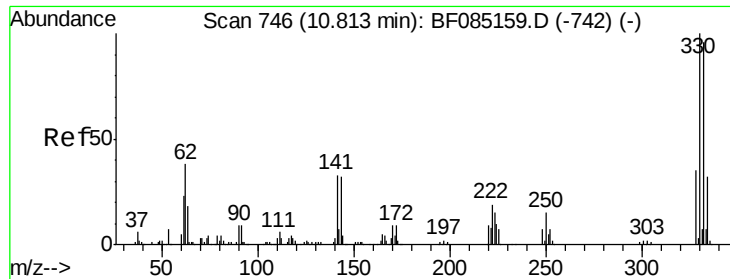
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#40
 Hexachlorocyclopentadiene
 Concen: 60.34 ng
 RT: 9.08 min Scan# 594
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion:	237	Resp:	286015
Ion Ratio	Lower	Upper	
237	100		
235	64.6	43.7	83.7
272	11.3	0.0	31.5





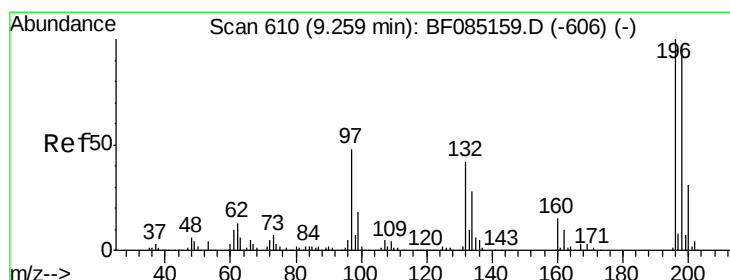
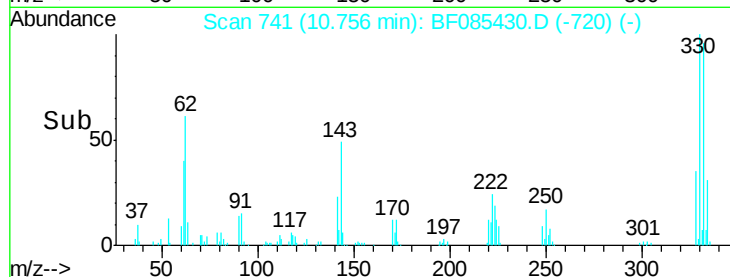
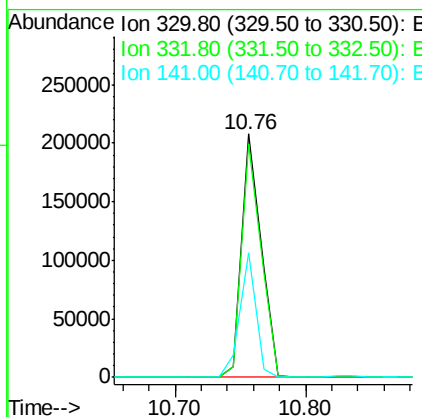
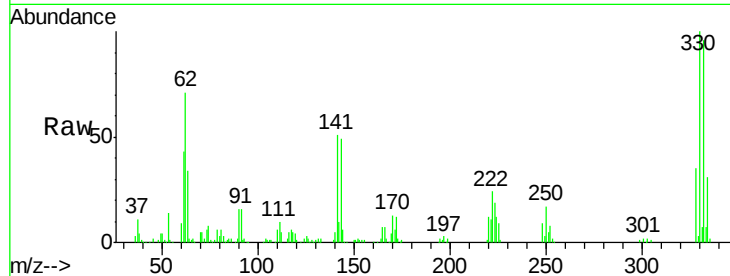
#41
 2,4,6-Tribromophenol
 Concen: 81.72 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampled :
 PB88829BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	214872		
332	95.9	77.1	115.7	
141	42.5	35.0	52.6	

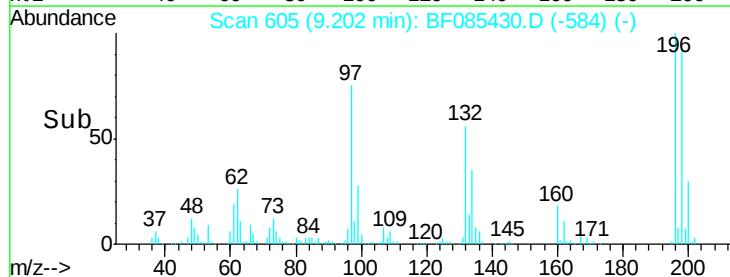
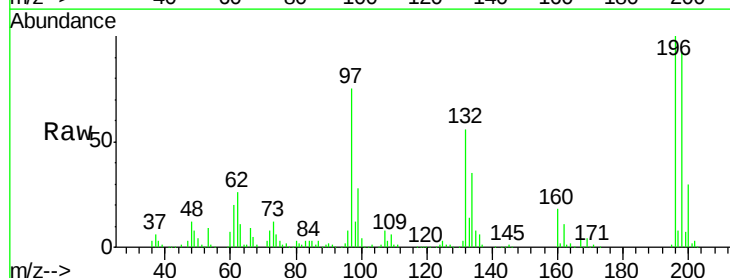
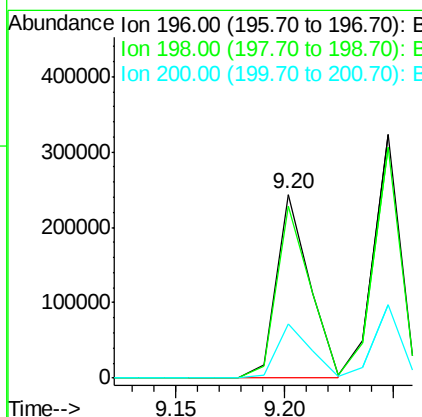
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#42
 2,4,6-Trichlorophenol
 Concen: 39.81 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

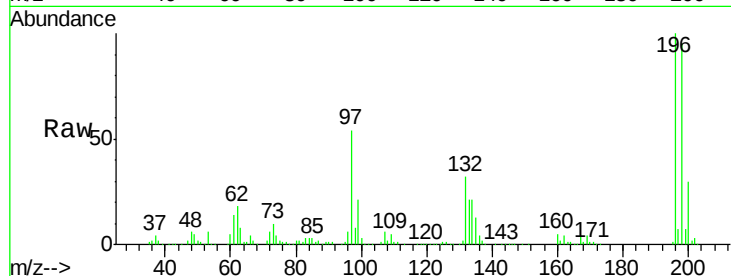
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260435		
198	93.2	77.8	116.6	
200	29.6	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 44.98 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

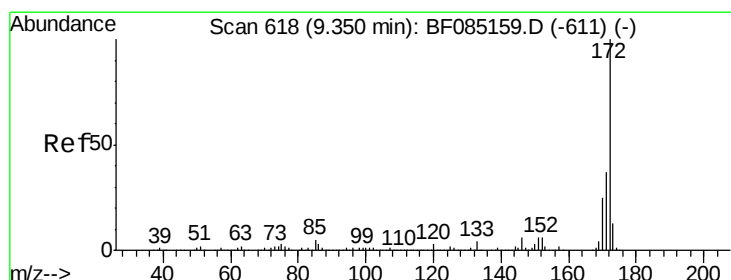
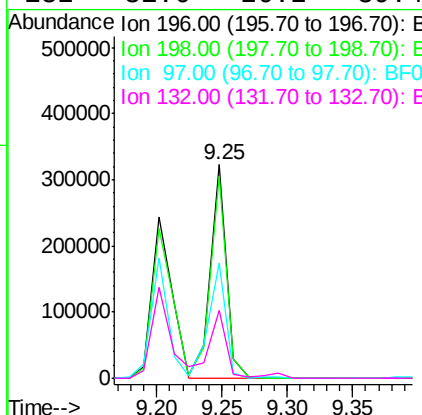
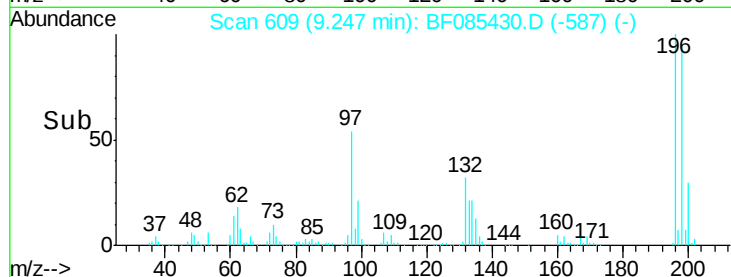
Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD



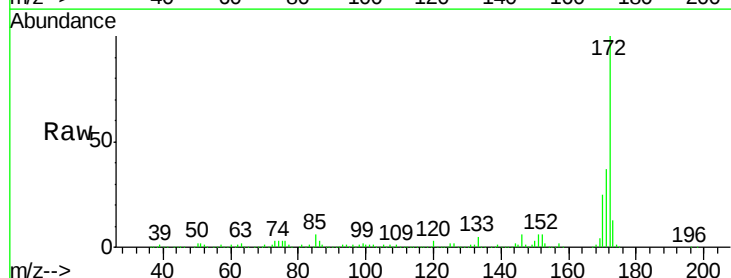
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278994		
198	94.9	75.7	113.5	
97	53.9	46.4	69.6	
132	31.6	26.2	39.4	

Manual Integrations
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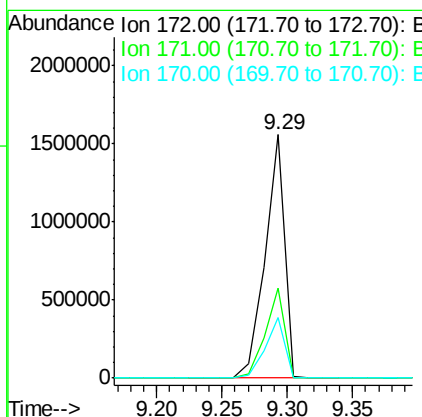
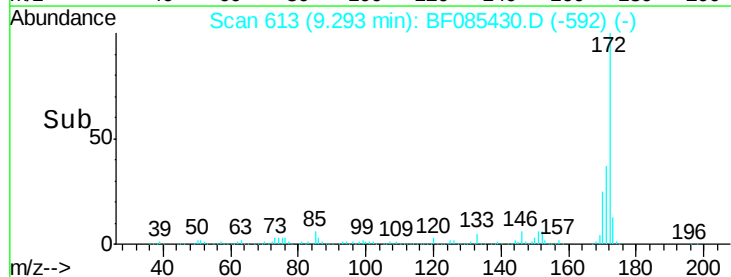
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 80.62 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1628894		
171	36.8	29.3	43.9	
170	24.9	20.0	30.0	





#45

1,1'-Biphenyl

Concen: 40.31 ng

RT: 9.40 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB8829BSD

Tgt Ion:154 Resp: 1058394

Ion Ratio Lower Upper

154 100

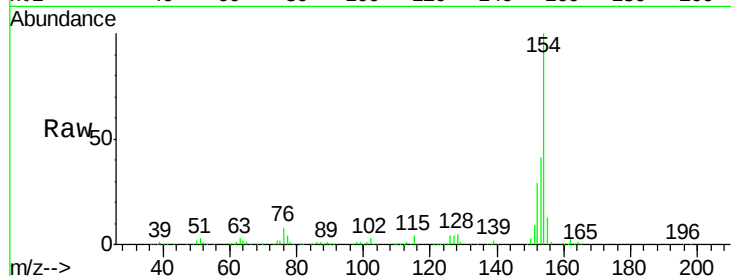
153 40.8 21.4 61.4

76 8.3 0.0 37.5

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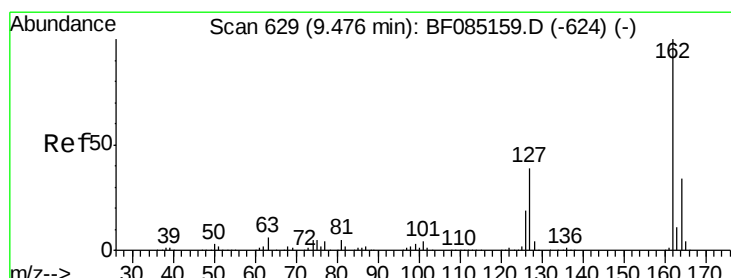
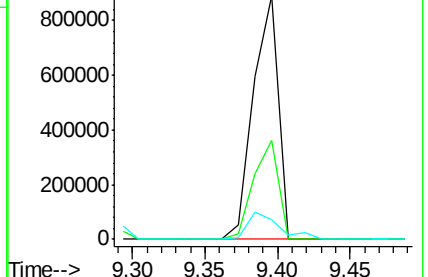
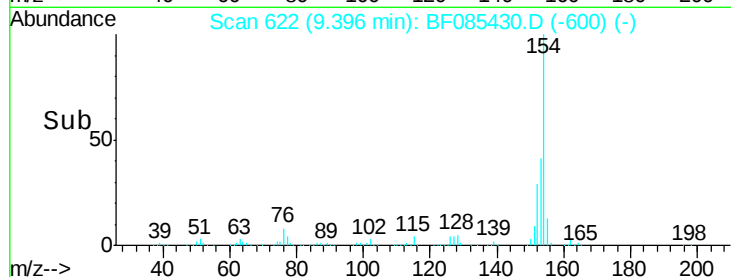
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.11 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

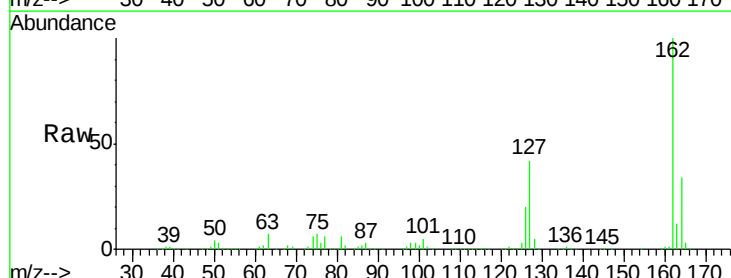
Tgt Ion:162 Resp: 822632

Ion Ratio Lower Upper

162 100

127 42.5 31.6 47.4

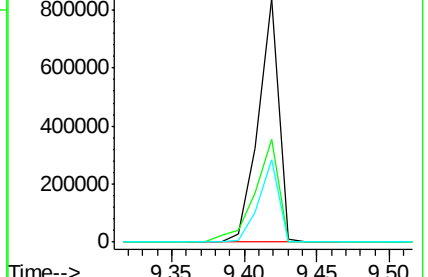
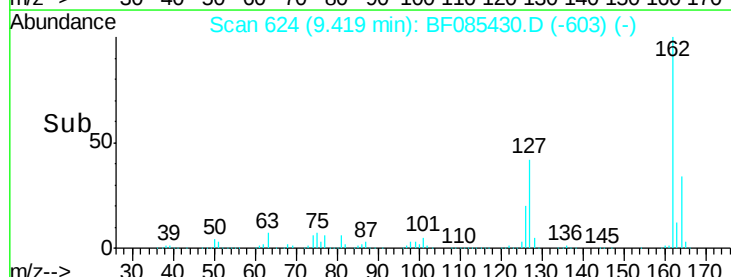
164 33.8 27.1 40.7

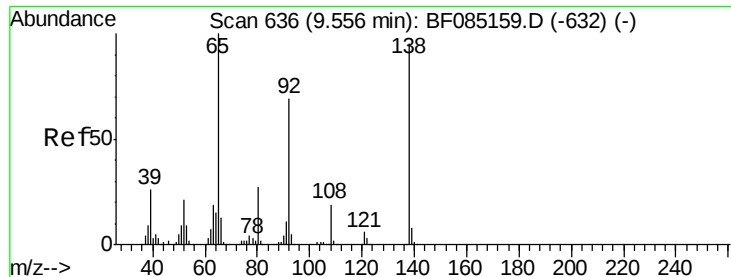


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





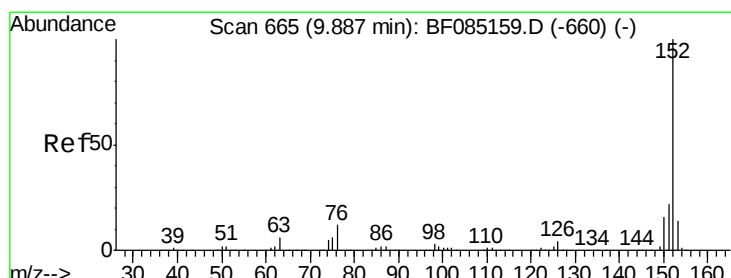
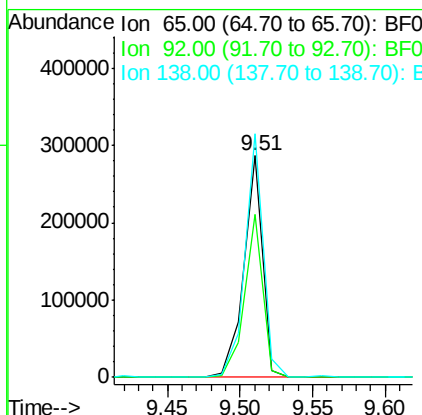
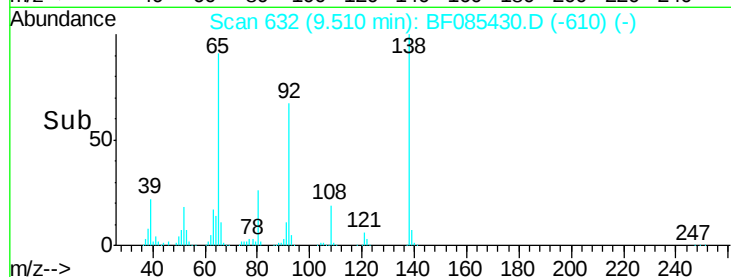
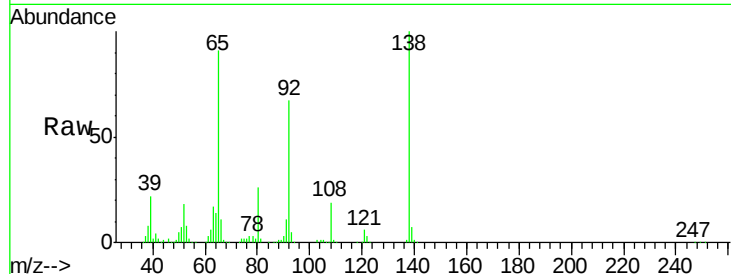
#47
2-Nitroaniline
Concen: 41.15 ng
RT: 9.51 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion: 65 Resp: 255192
Ion Ratio Lower Upper
65 100
92 73.7 55.4 83.2
138 110.0 75.7 113.5

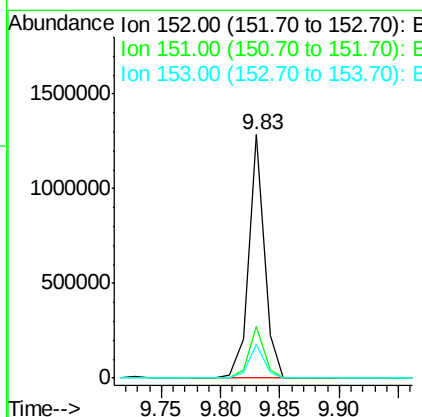
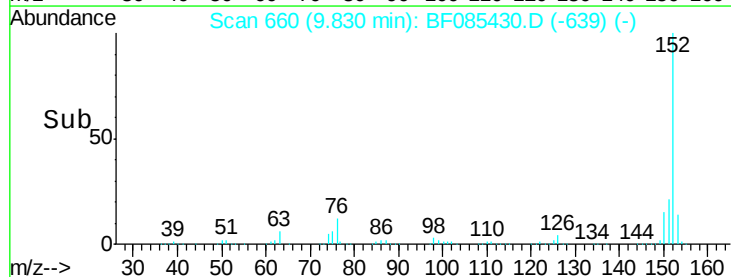
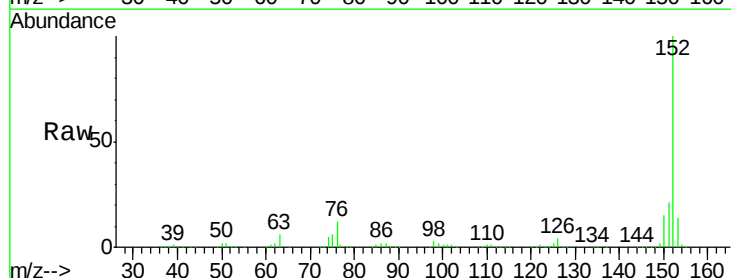
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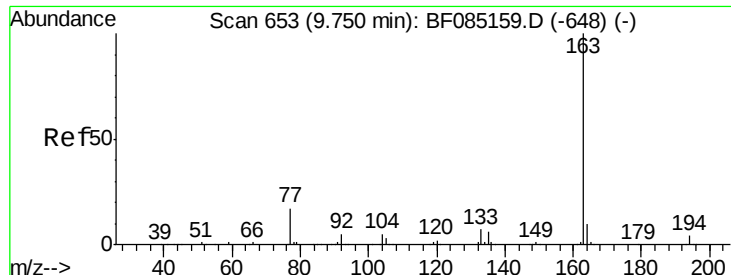
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#48
Acenaphthylene
Concen: 38.29 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion: 152 Resp: 1192490
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 13.9 11.3 16.9





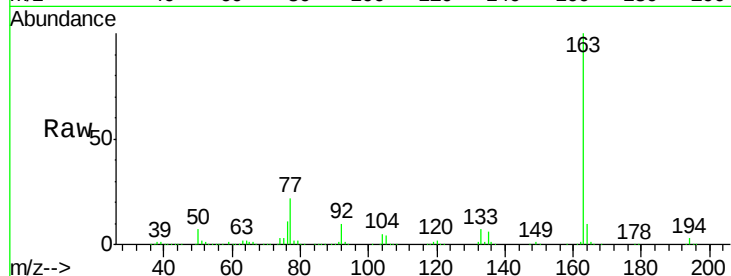
#49
Dimethylphthalate
Concen: 39.59 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

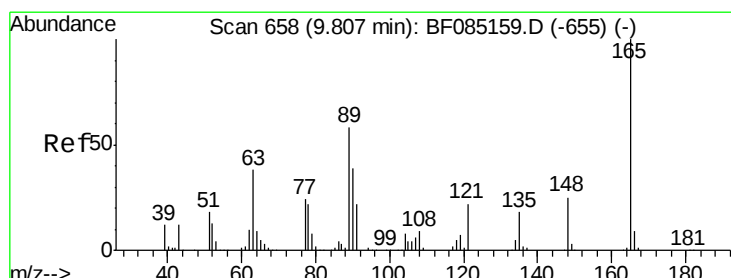
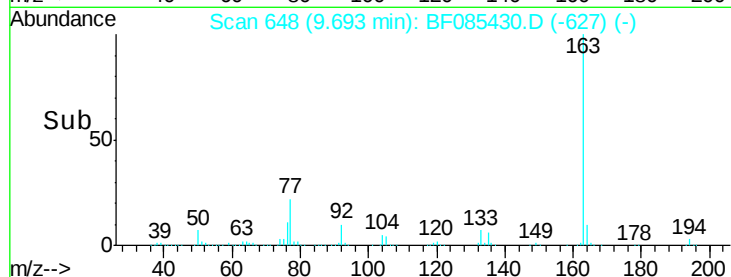
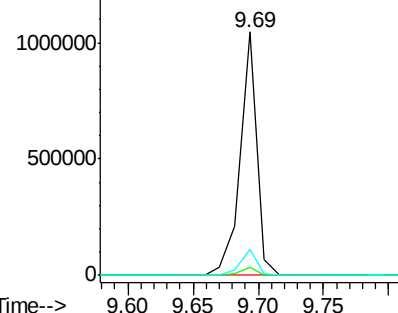
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	3.1	4.7
164	10.5	8.2	12.4

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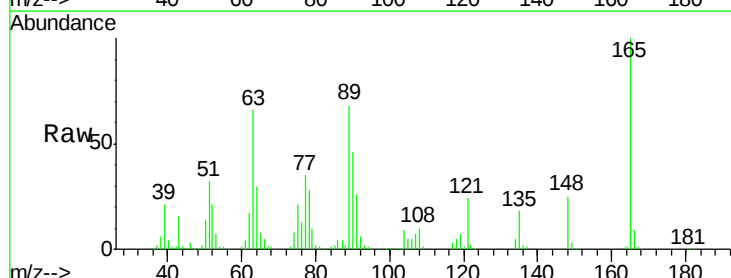


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

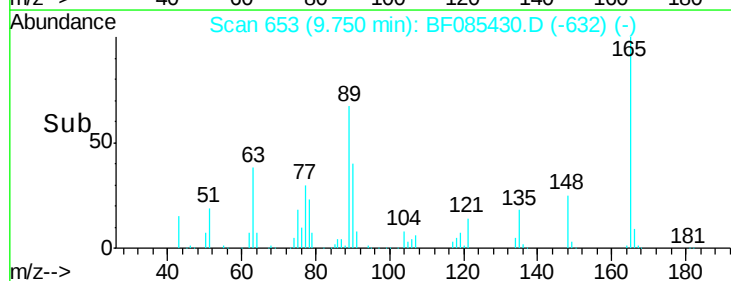
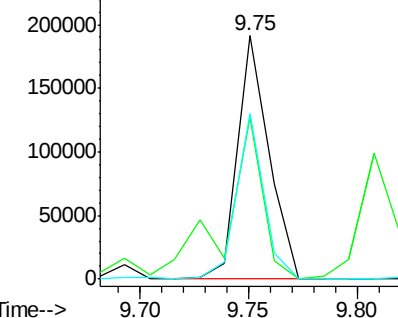


#50
2,6-Dinitrotoluene
Concen: 38.19 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	66.2	41.8	62.8#
89	68.1	46.7	70.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.48 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.06 min

Lab File: BF085430.D

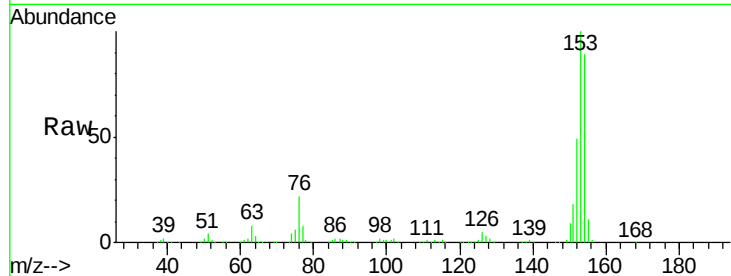
Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

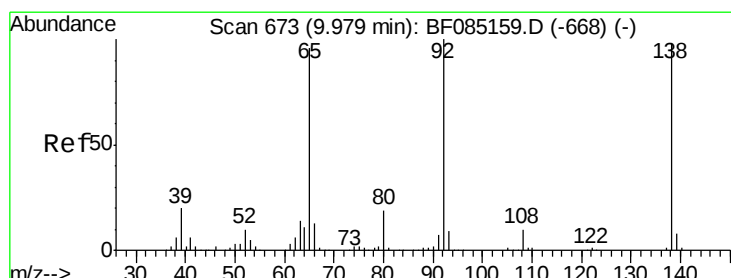
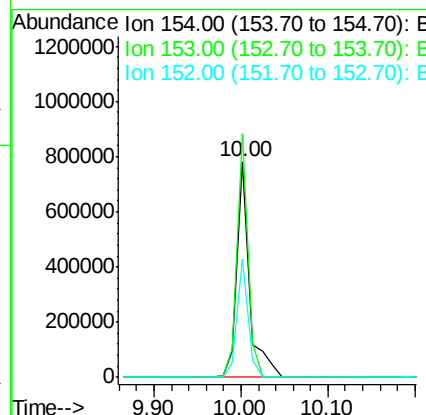
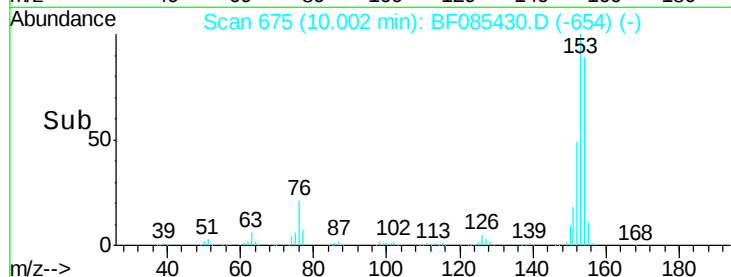
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.8	134.8
152	54.8	44.6	66.8

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#52

3-Nitroaniline

Concen: 19.69 ng

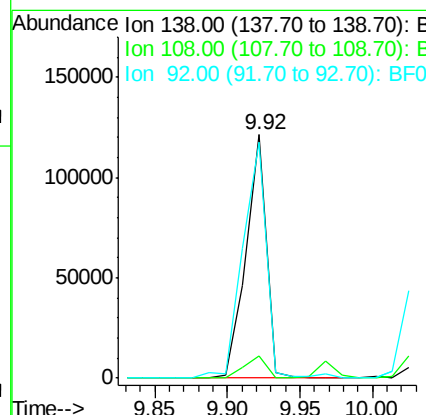
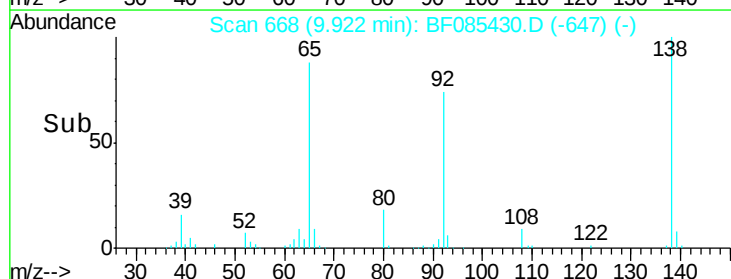
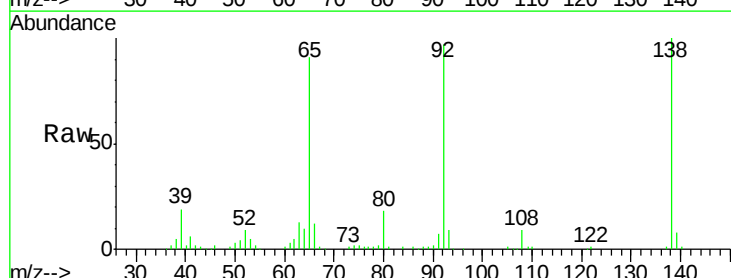
RT: 9.92 min Scan# 668

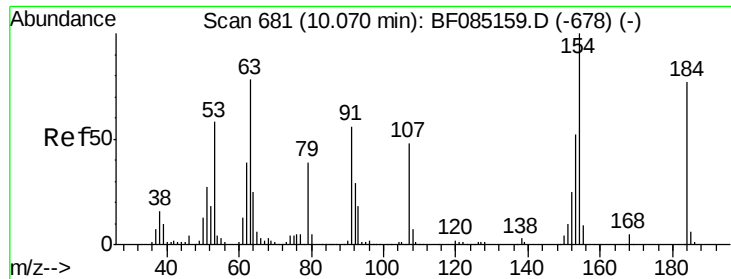
Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.8	11.6
92	97.1	81.3	121.9





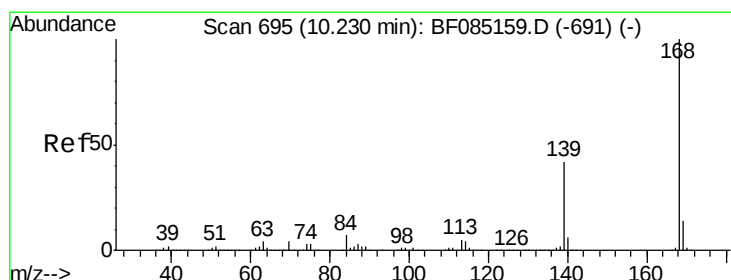
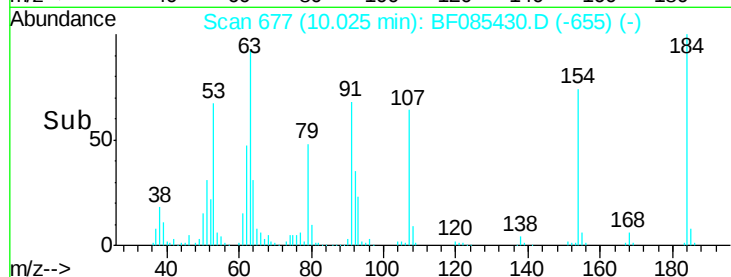
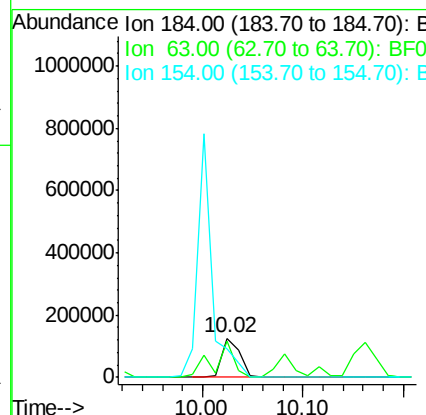
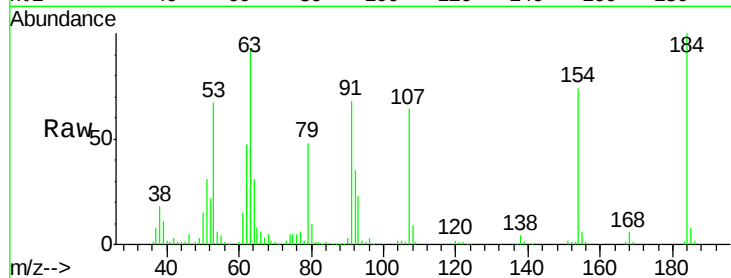
#53
 2,4-Dinitrophenol
 Concen: 62.92 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	156222		
63	92.8	82.2	123.4	
154	74.1	108.9	163.3#	

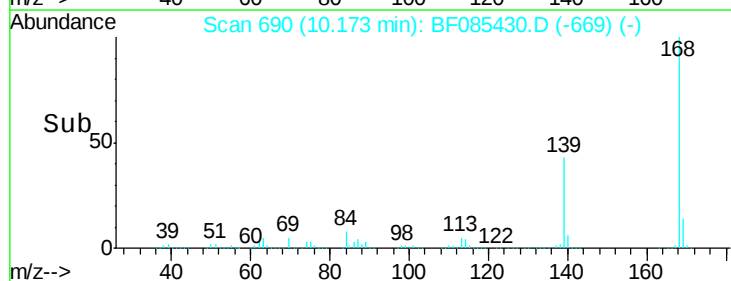
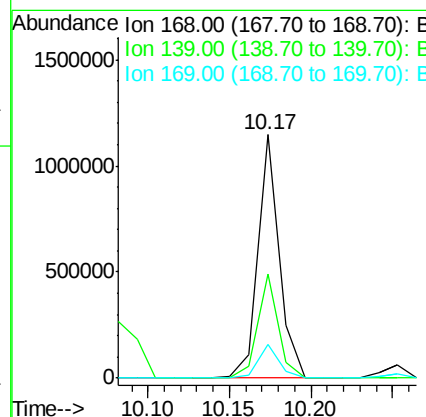
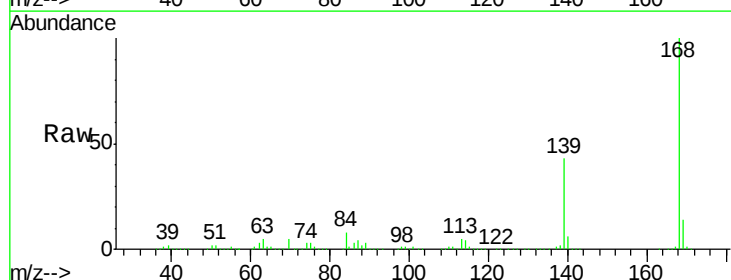
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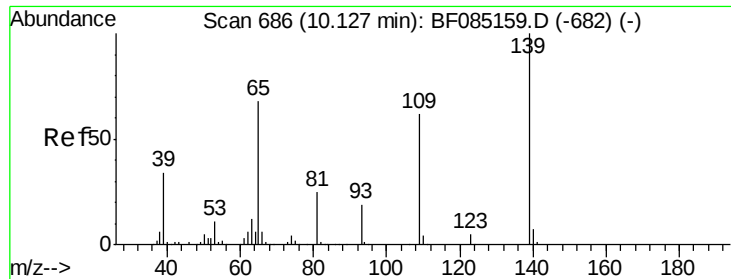
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#54
 Dibenzofuran
 Concen: 42.01 ng
 RT: 10.17 min Scan# 690
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1040851		
139	42.8	33.6	50.4	
169	13.7	11.2	16.8	





#55

4-Nitrophenol

Concen: 75.96 ng

RT: 10.08 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

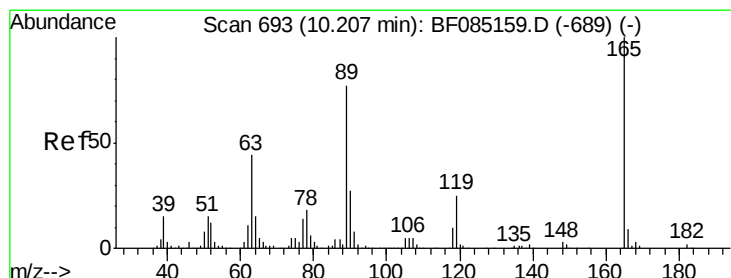
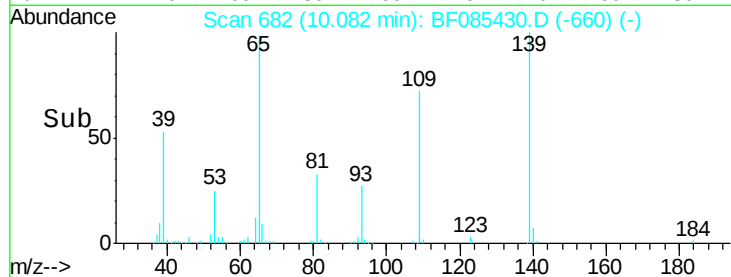
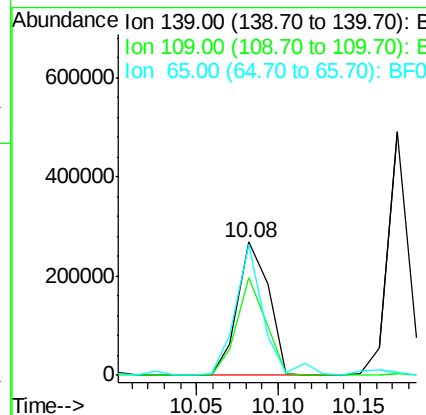
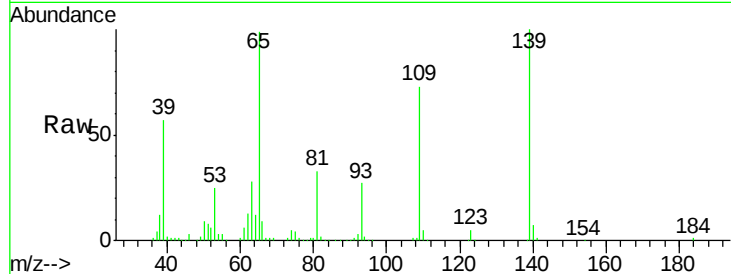
ClientSampleId :

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Tgt Ion:	139	Resp:	360342
Ion Ratio	Lower	Upper	
139	100		
109	73.3	41.9	81.9
65	98.5	48.3	88.3#

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#56

2,4-Dinitrotoluene

Concen: 48.85 ng

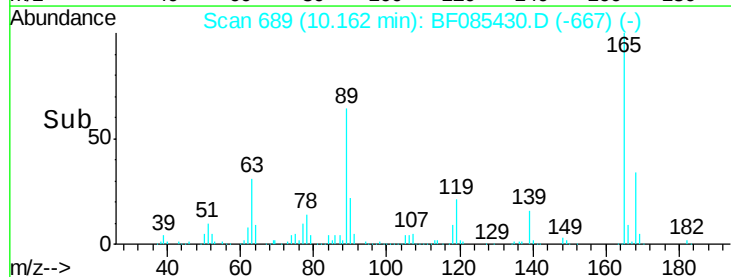
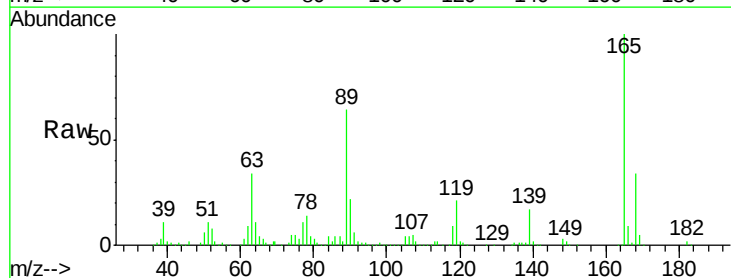
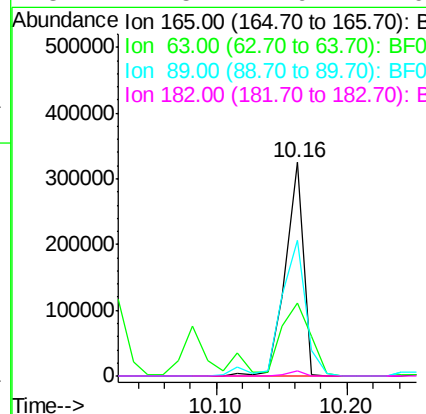
RT: 10.16 min Scan# 689

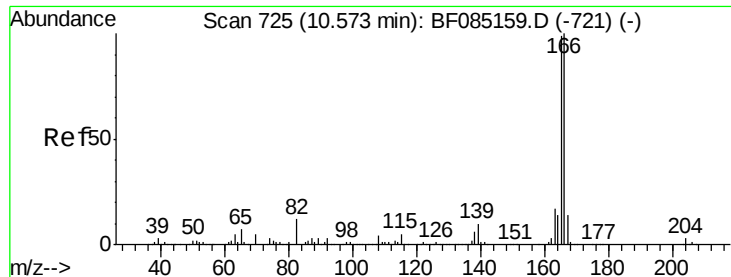
Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt Ion:	165	Resp:	315448
Ion Ratio	Lower	Upper	
165	100		
63	34.3	35.4	53.0#
89	63.7	61.9	92.9
182	2.5	1.9	2.9





#57

Fluorene

Concen: 39.47 ng

RT: 10.52 min Scan# 720

Delta R.T. -0.06 min

Lab File: BF085430.D

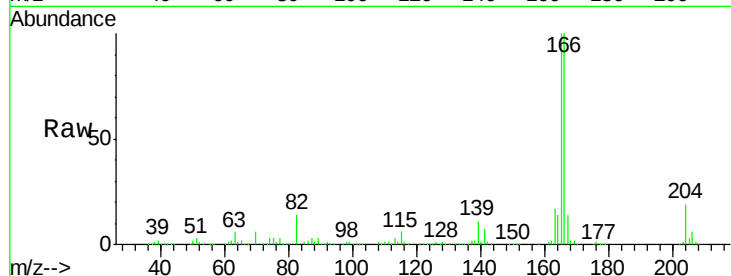
Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

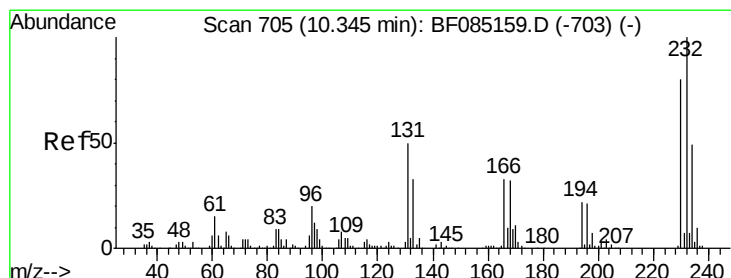
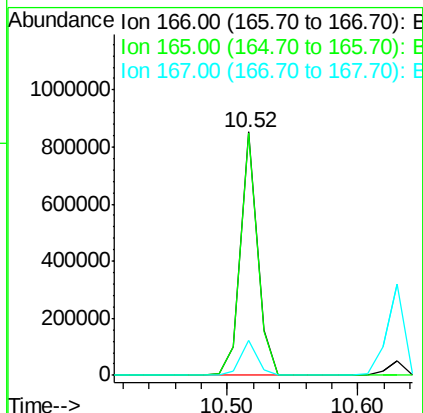
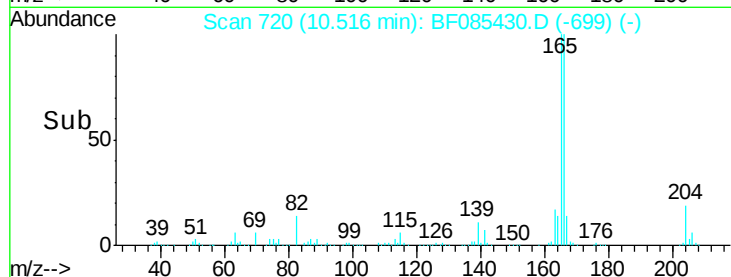
PB88829BSD



Tgt Ion:	166	Resp:	768252
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.4	119.0
167	14.2	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

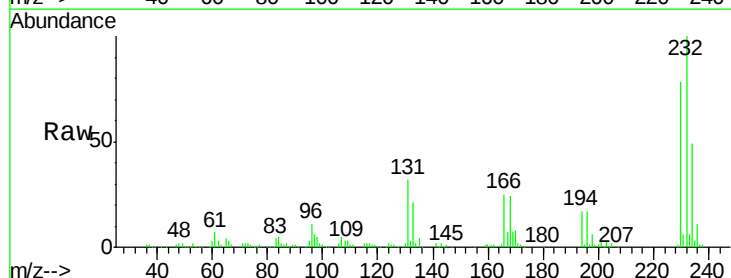
Concen: 47.69 ng

RT: 10.30 min Scan# 701

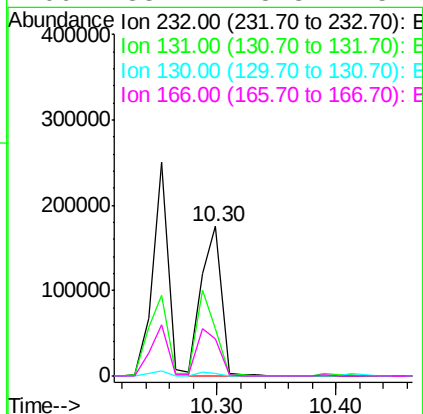
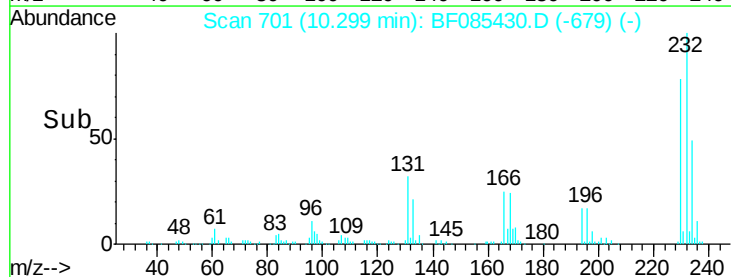
Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50



Tgt Ion:	232	Resp:	207806
Ion Ratio	Lower	Upper	
232	100		
131	53.9	46.0	69.0
130	2.6	2.2	3.4
166	33.7	28.8	43.2





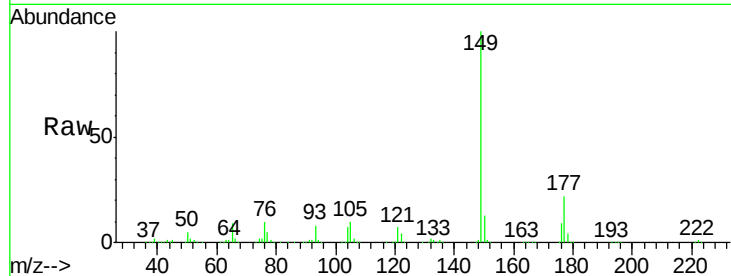
#59
Diethylphthalate
Concen: 40.46 ng
RT: 10.39 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

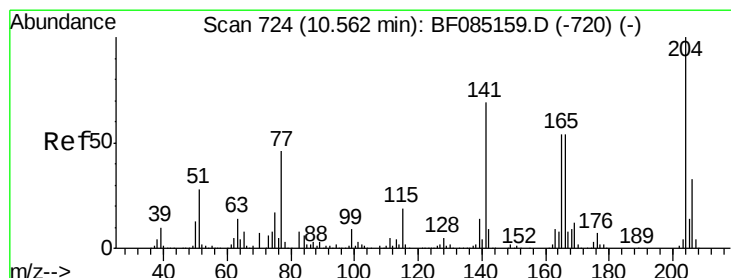
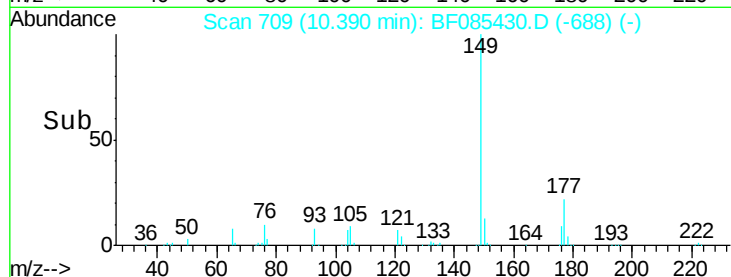
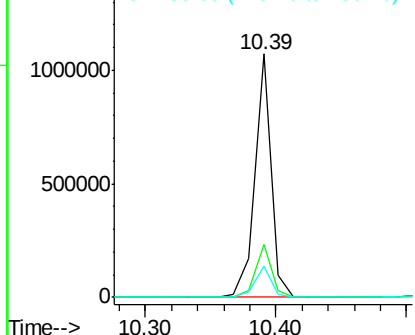
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.7	19.2	28.8
150	12.9	9.9	14.9

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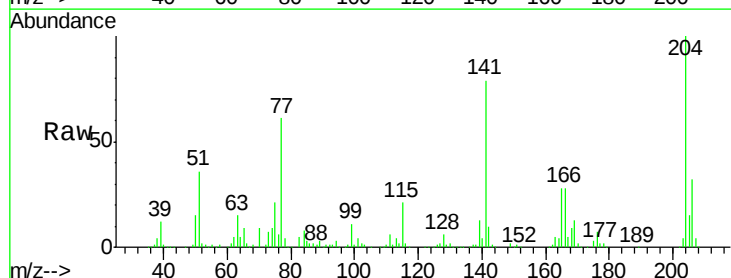


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

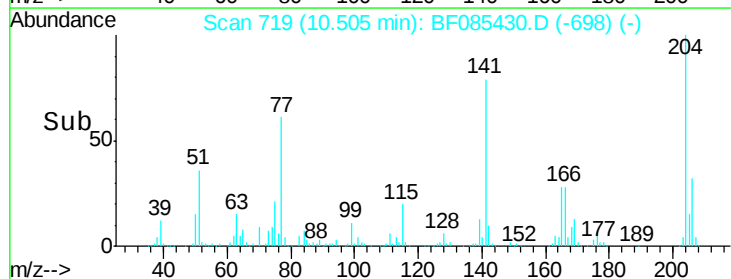
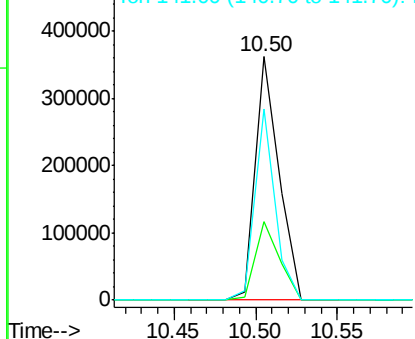


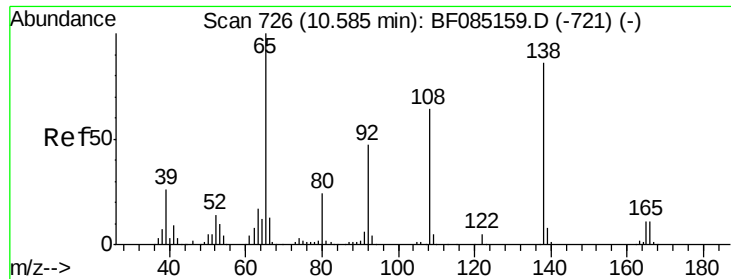
#60
4-Chlorophenyl-phenylether
Concen: 38.69 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.3	26.5	39.7
141	78.6	55.4	83.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.71 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.05 min

Lab File: BF085430.D

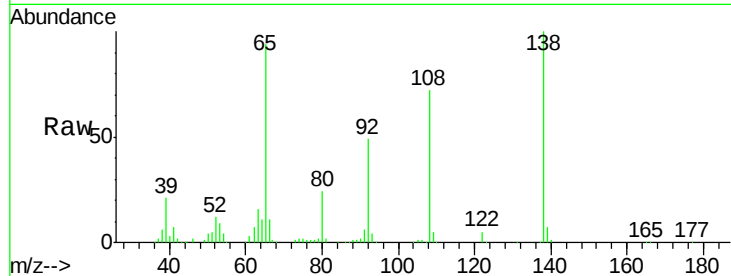
Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampled :

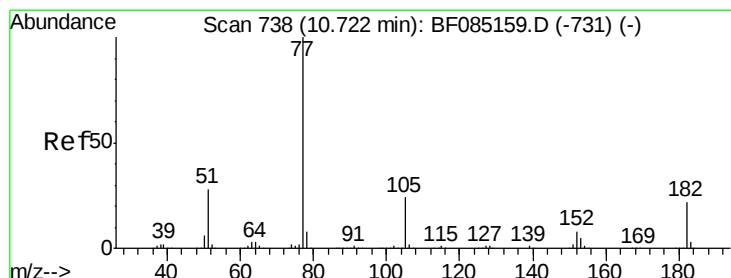
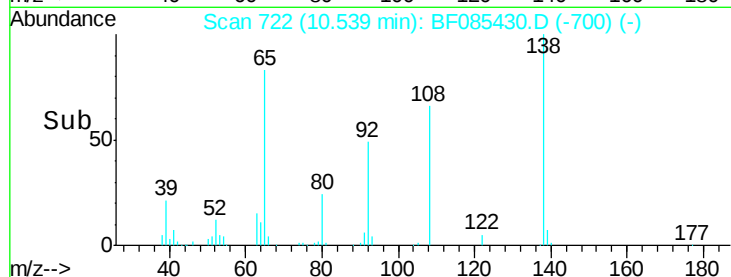
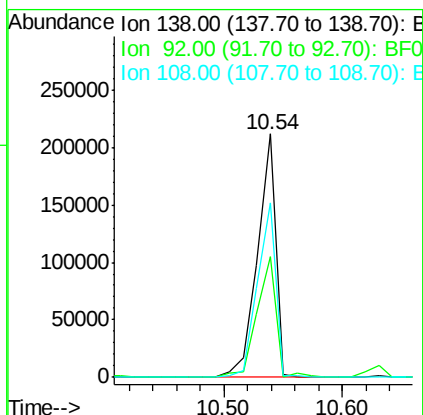
PB88829BSD



Tgt Ion:	138	Resp:	229847
Ion Ratio	Lower	Upper	
138	100		
92	49.5	34.2	74.2
108	71.9	53.9	93.9

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#62

Azobenzene

Concen: 42.95 ng

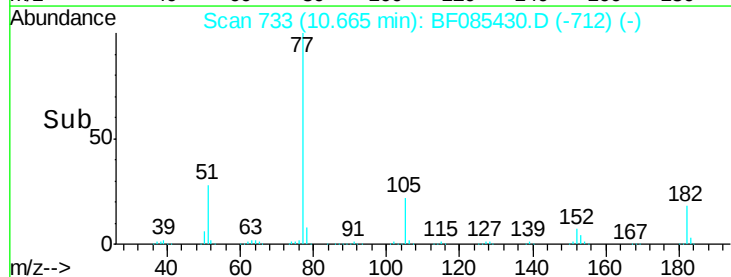
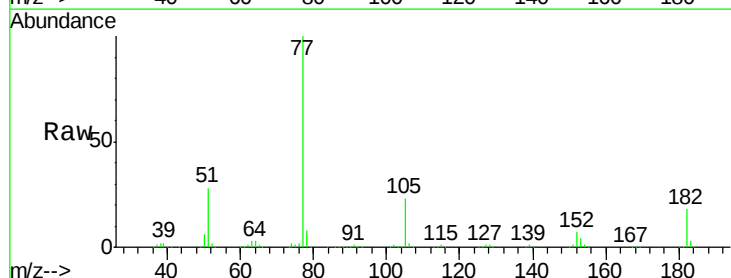
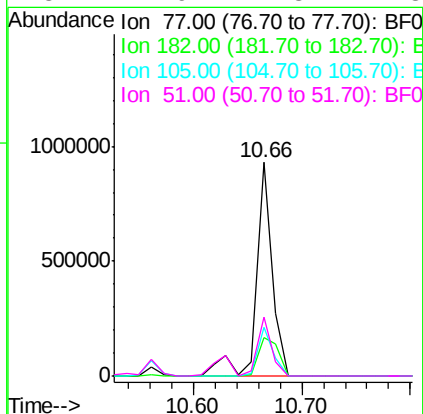
RT: 10.66 min Scan# 733

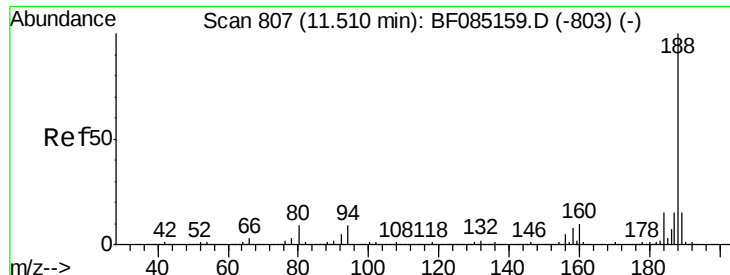
Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt Ion:	77	Resp:	968541
Ion Ratio	Lower	Upper	
77	100		
182	18.2	2.1	42.1
105	22.6	3.8	43.8
51	27.9	7.8	47.8





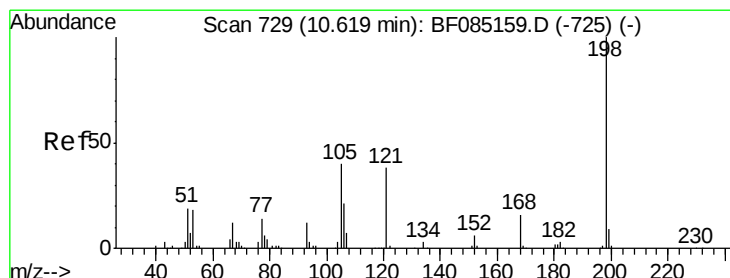
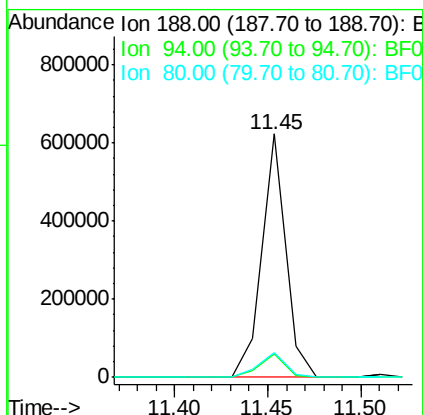
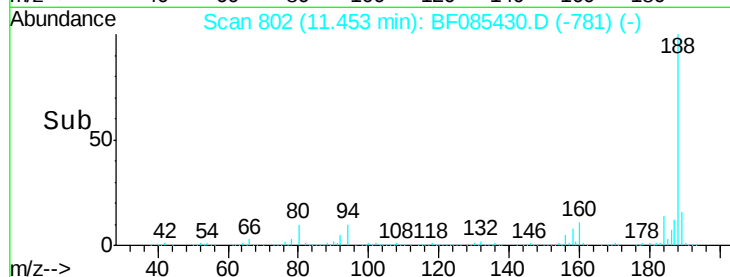
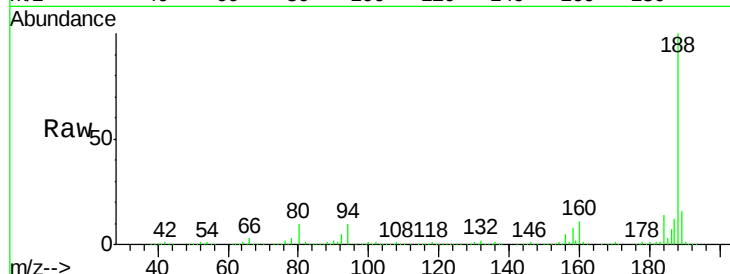
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	7.0	10.6
80	10.3	7.4	11.0

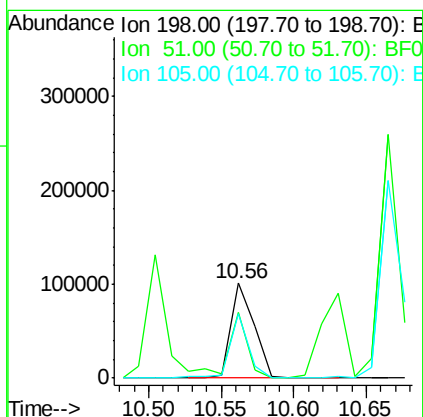
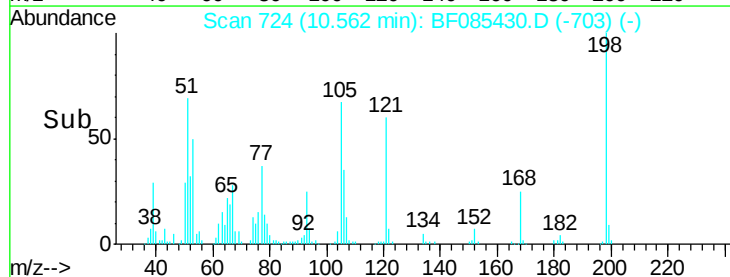
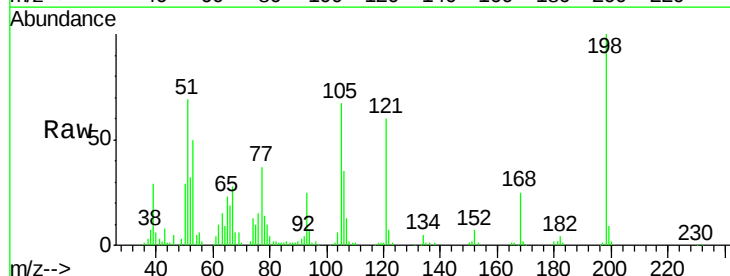
Manual Integrations
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.60 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	69.4	9.5	49.5#
105	67.4	20.5	60.5#





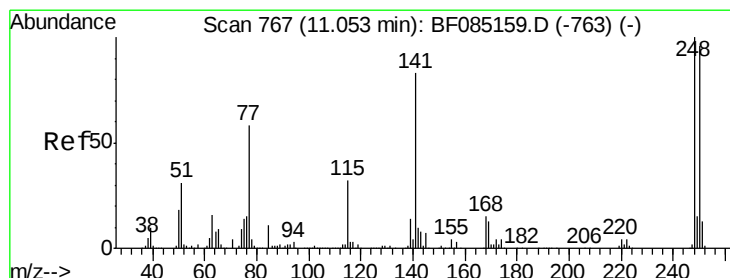
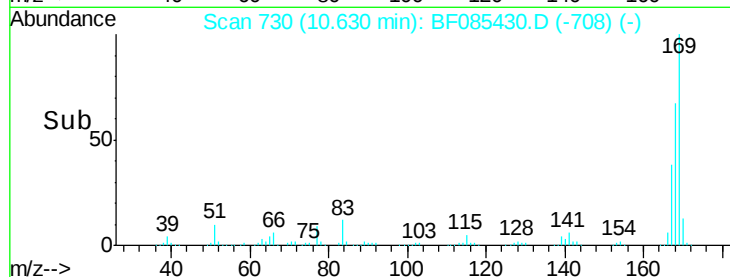
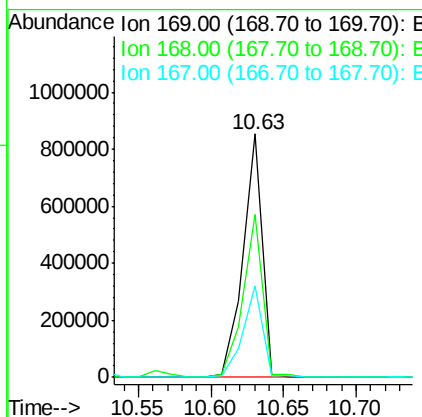
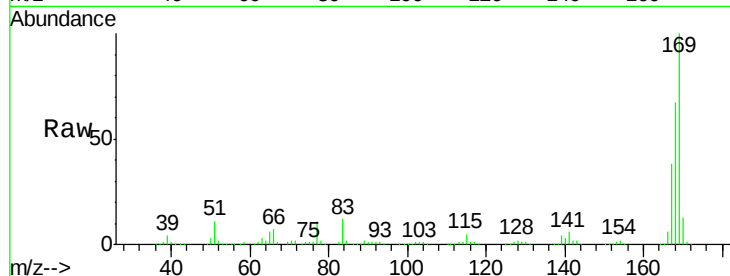
#65
 n-Nitrosodiphenylamine
 Concen: 45.81 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	787717		
168	66.8	54.8	82.2	
167	37.6	30.3	45.5	

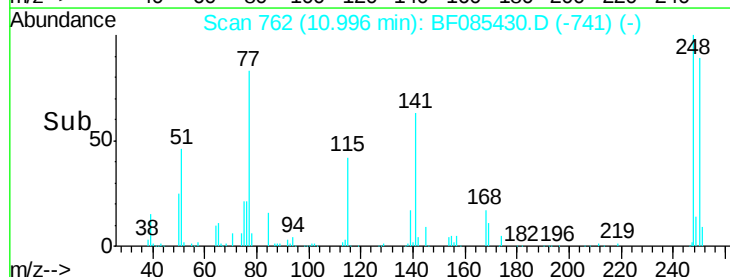
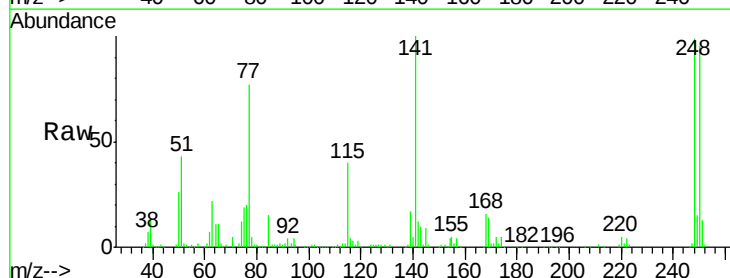
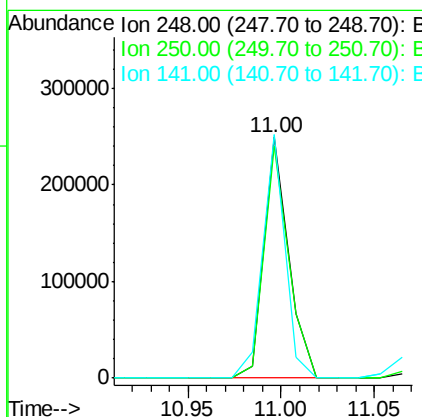
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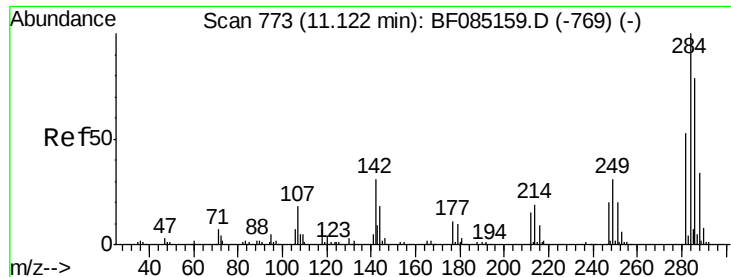
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#66
 4-Bromophenyl-phenylether
 Concen: 42.16 ng
 RT: 11.00 min Scan# 762
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	226308		
250	96.2	77.1	115.7	
141	101.1	66.2	99.2#	





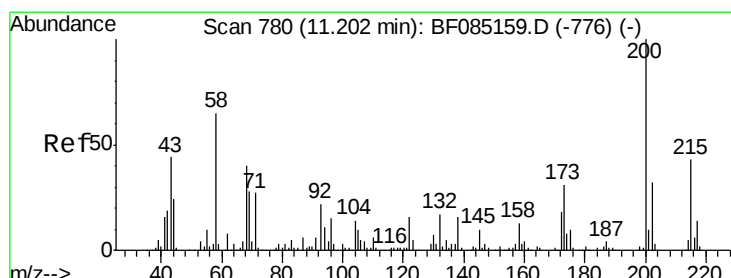
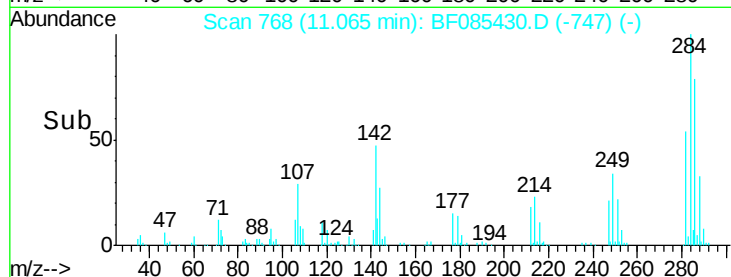
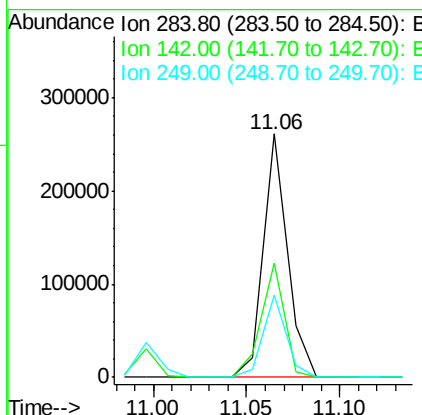
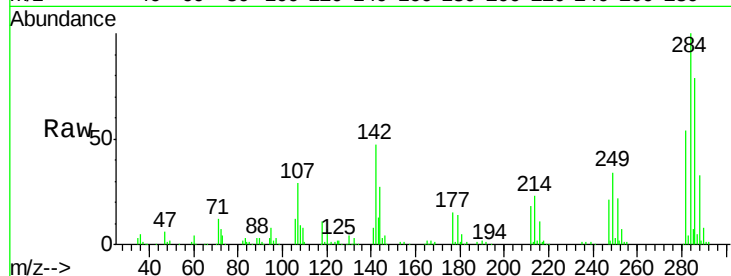
#67
Hexachlorobenzene
Concen: 40.60 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.06 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	232490		
142	46.9	24.9	37.3	
249	34.0	25.0	37.4	

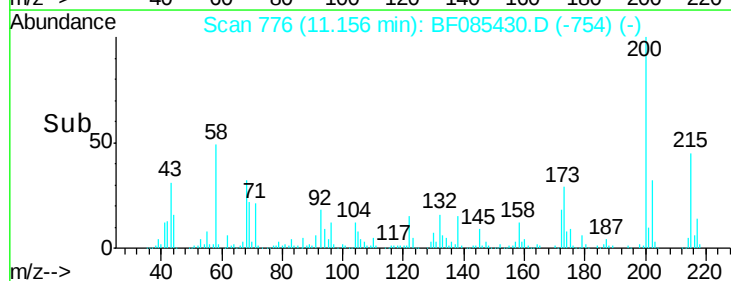
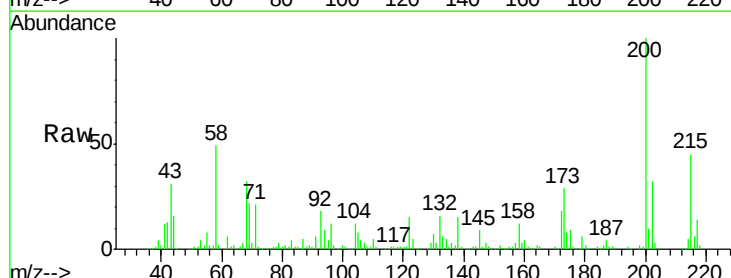
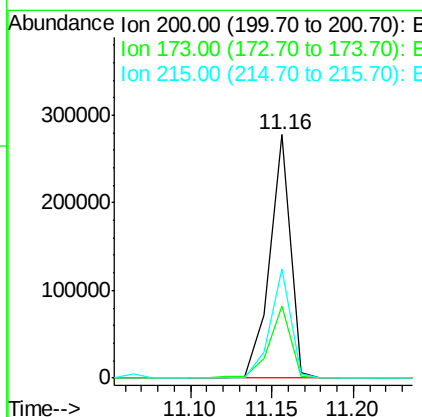
Manual Integrations
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#68
Atrazine
Concen: 51.59 ng
RT: 11.16 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	246697		
173	29.4	10.5	50.5	
215	44.6	23.4	63.4	





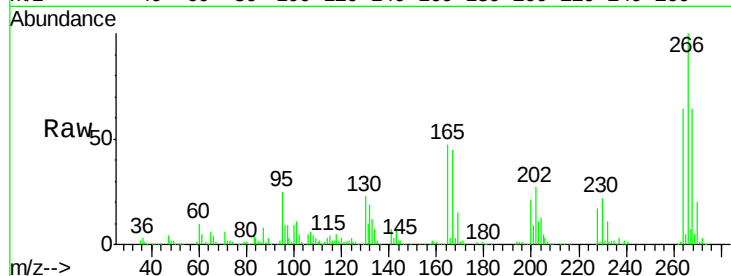
#69
 Pentachlorophenol
 Concen: 84.08 ng
 RT: 11.26 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

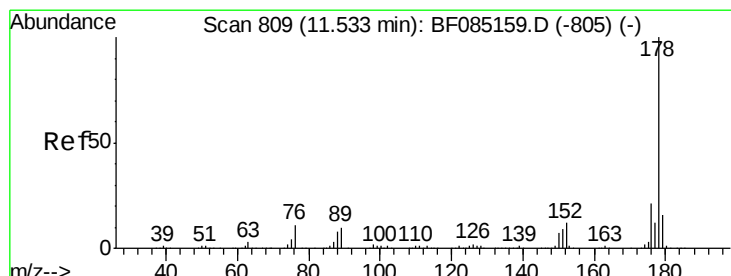
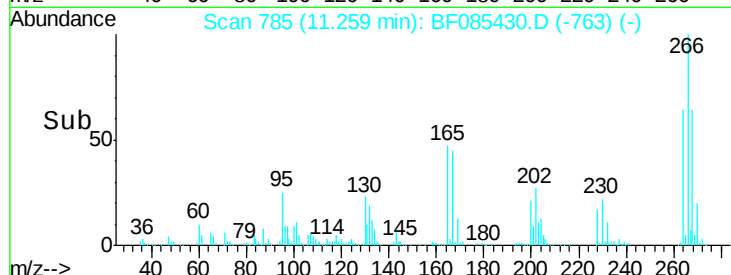
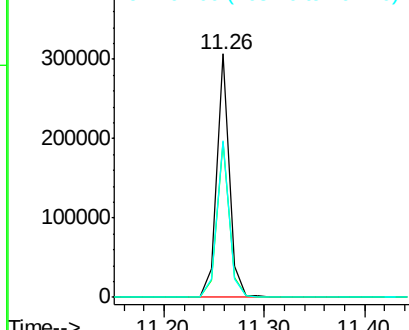
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	267255		
268	64.0	50.0	75.0	
264	64.3	51.4	77.2	

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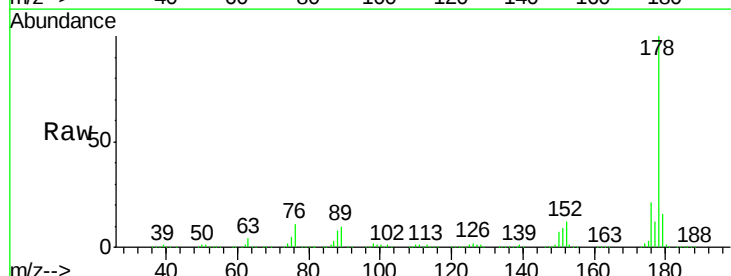


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

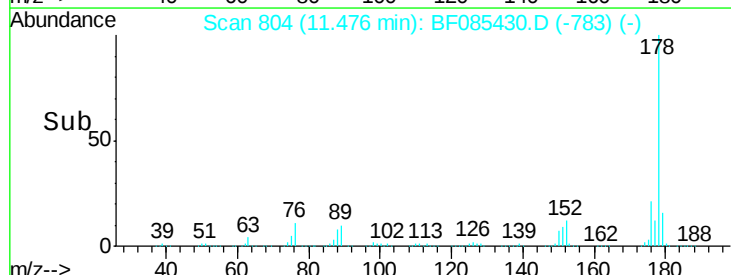
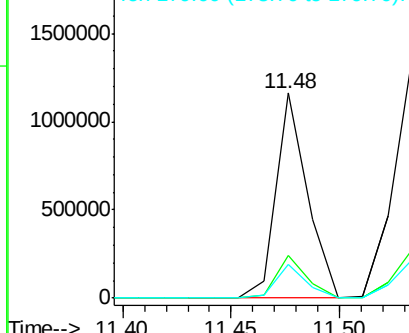


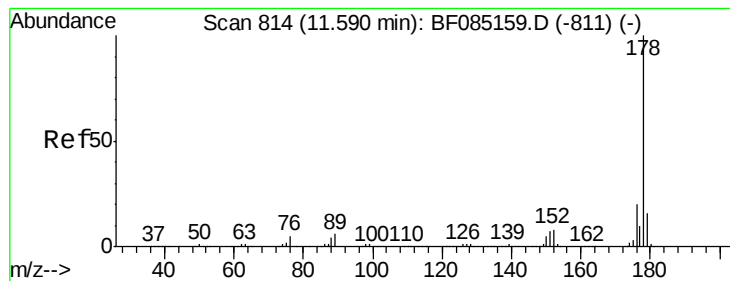
#70
 Phenanthrene
 Concen: 40.36 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1169351		
176	20.6	16.8	25.2	
179	16.2	13.1	19.7	



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





#71

Anthracene

Concen: 42.15 ng

RT: 11.53 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

Tgt Ion:178 Resp: 1296331

Ion Ratio Lower Upper

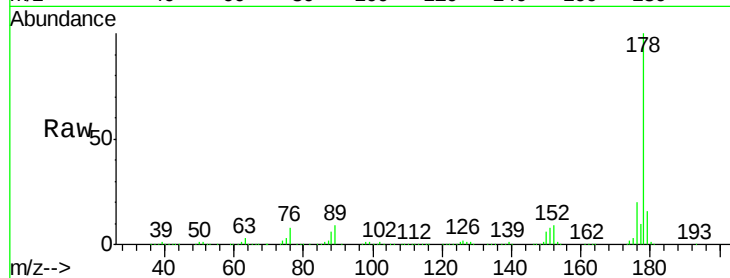
178 100

176 20.1 15.9 23.9

179 15.9 12.5 18.7

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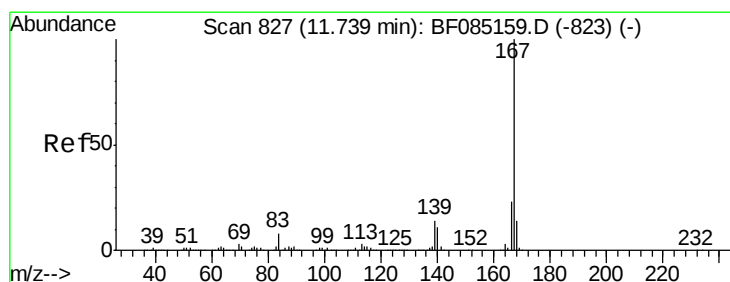
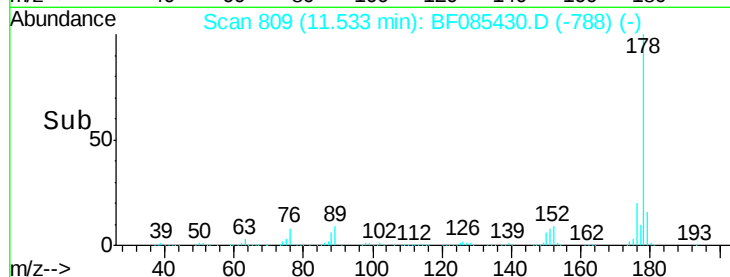
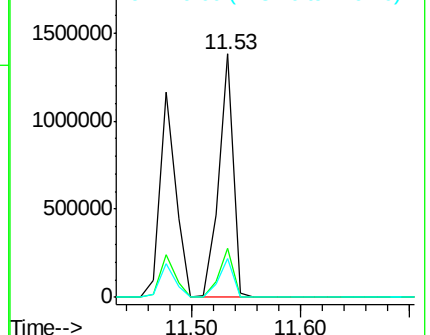
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.40 ng

RT: 11.68 min Scan# 822

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

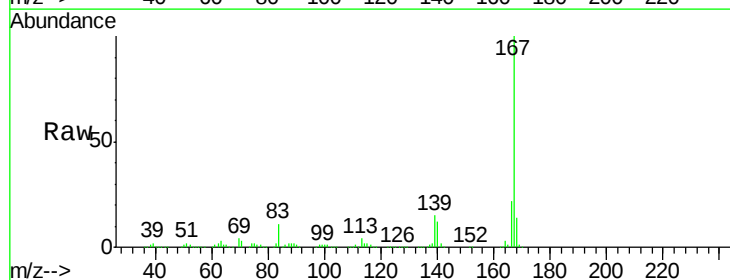
Tgt Ion:167 Resp: 1008719

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

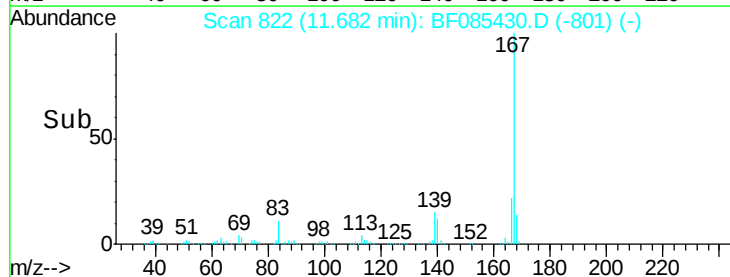
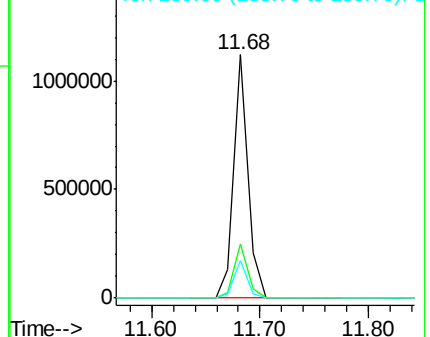
139 15.4 11.4 17.0

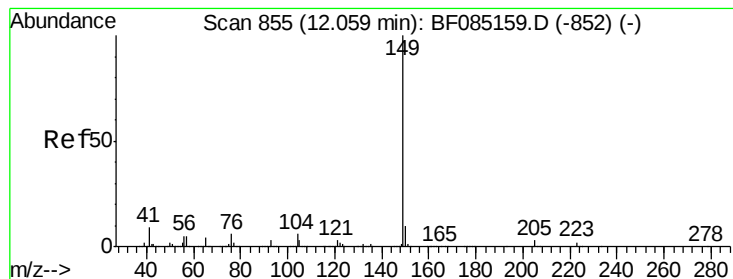


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.27 ng

RT: 12.01 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

Tgt Ion:149 Resp: 1372778

Ion Ratio Lower Upper

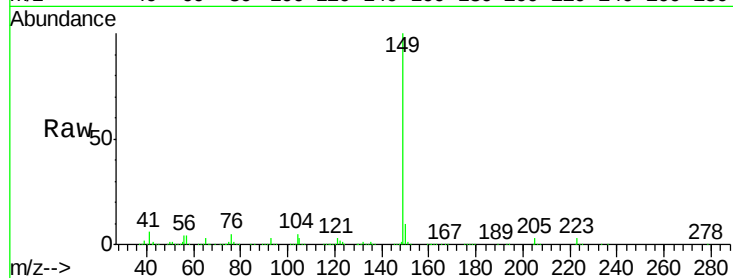
149 100

150 9.7 7.8 11.6

104 5.3 4.7 7.1

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.01

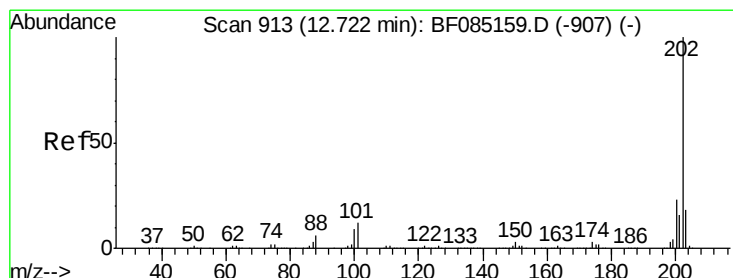
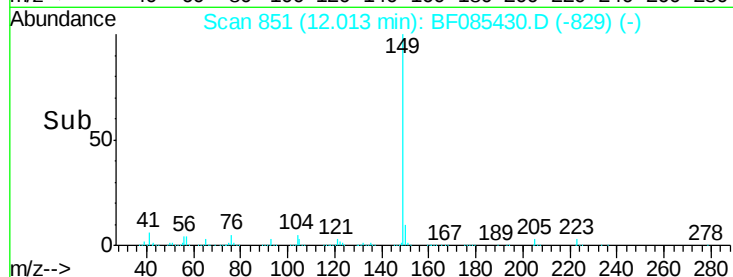
1500000

1000000

500000

0

Time-->



#74

Fluoranthene

Concen: 37.22 ng

RT: 12.66 min Scan# 908

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

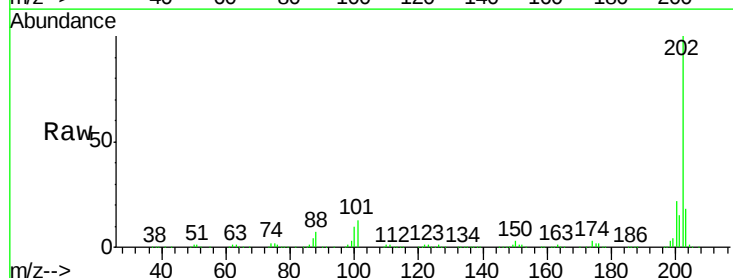
Tgt Ion:202 Resp: 1082109

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.8

203 18.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.66

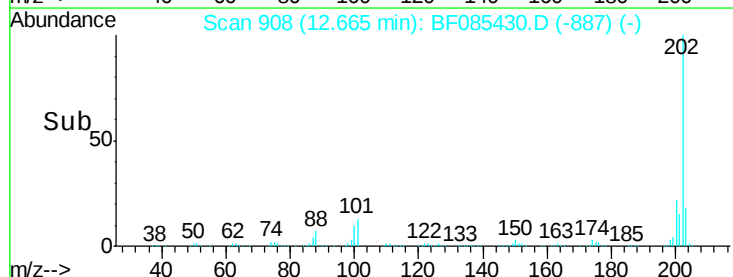
1500000

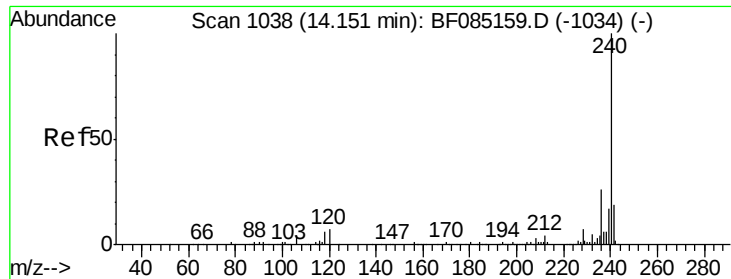
1000000

500000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

PB88829BSD

Tgt Ion:240 Resp: 324220
Ion Ratio Lower Upper

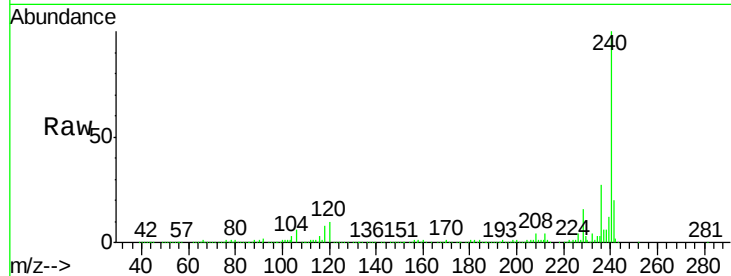
240 100

120 9.5 5.3 7.9#

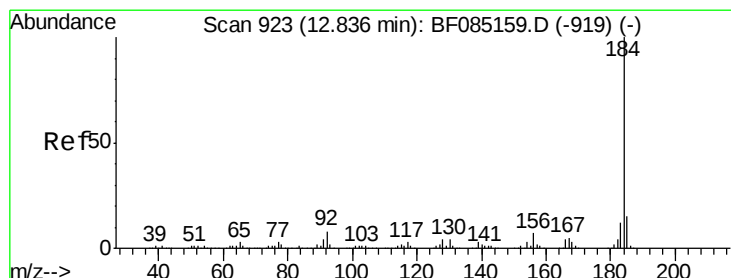
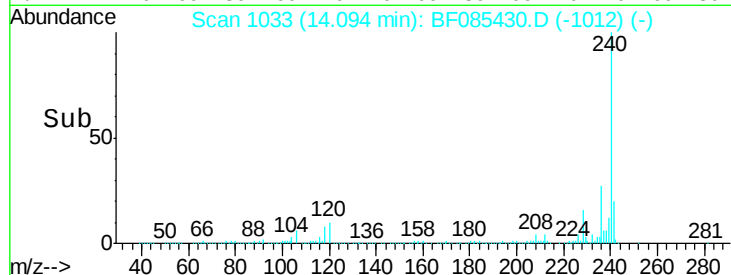
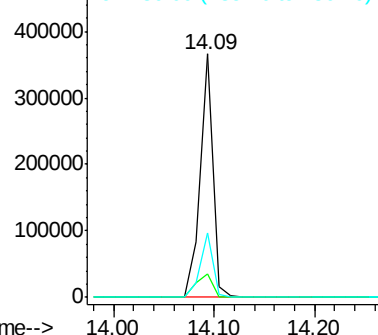
236 26.7 20.7 31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.14 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF085430.D

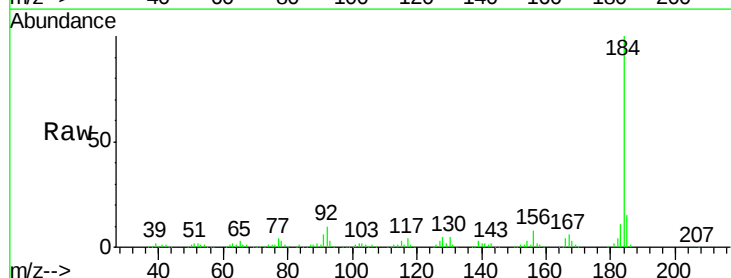
Acq: 14 Mar 2016 15:50

Tgt Ion:184 Resp: 339058
Ion Ratio Lower Upper

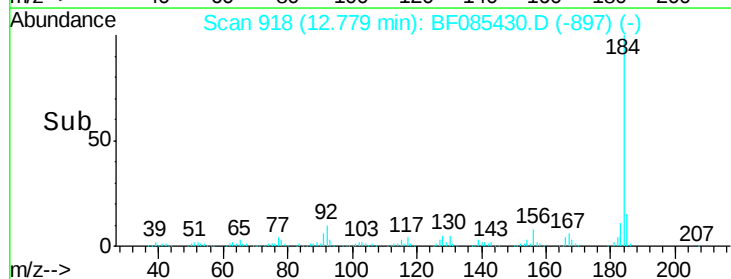
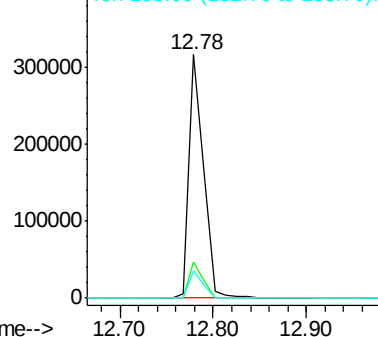
184 100

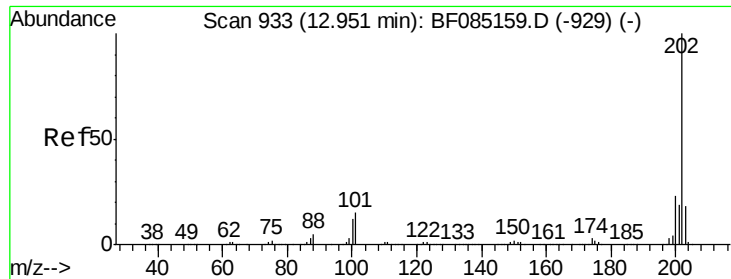
185 14.7 12.4 18.6

183 11.4 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





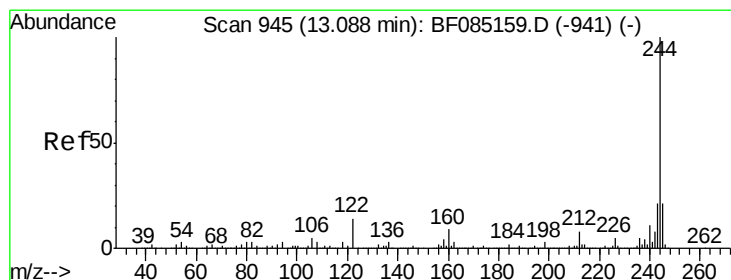
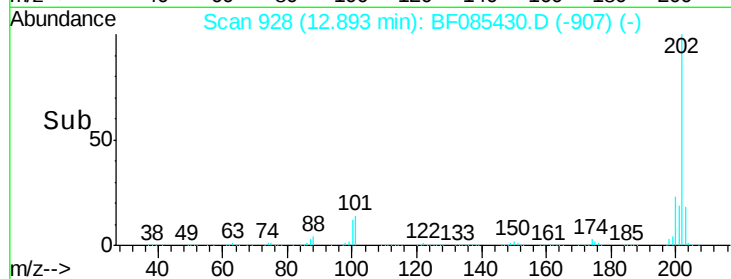
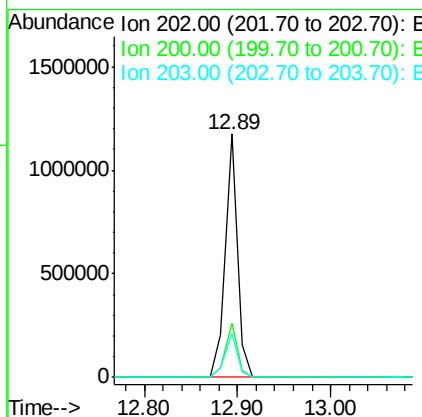
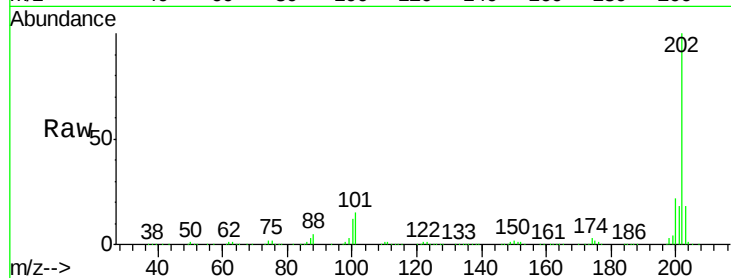
#77
 Pyrene
 Concen: 43.51 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion: 202 Resp: 1061673
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.2 27.4
 203 18.1 14.7 22.1

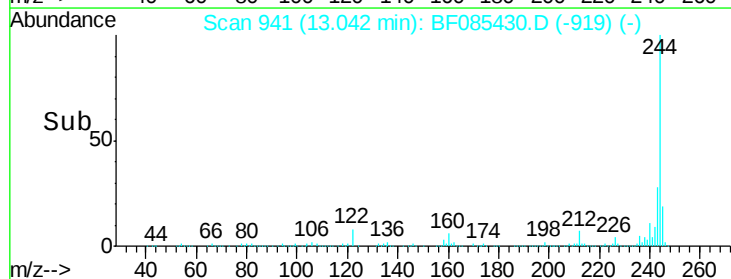
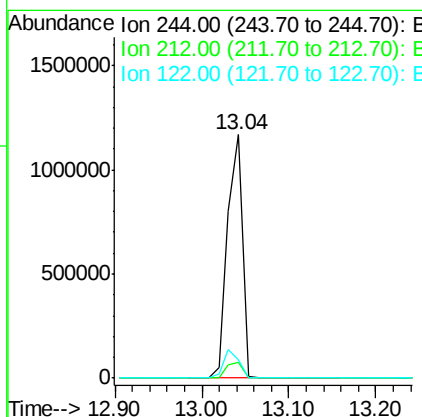
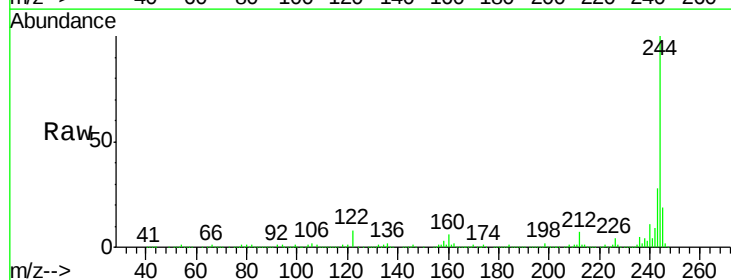
Manual Integrations
 APPROVED

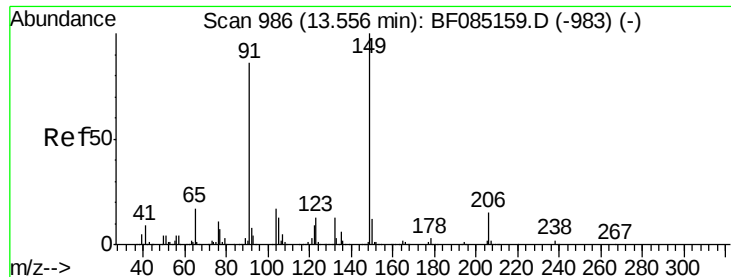
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#78
 Terphenyl-d14
 Concen: 100.06 ng
 RT: 13.04 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion: 244 Resp: 1397452
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.4 9.6
 122 7.7 11.4 17.2#





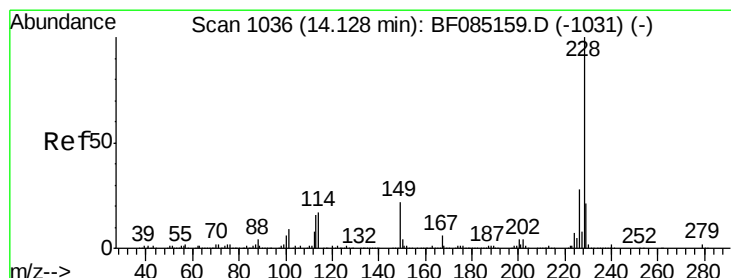
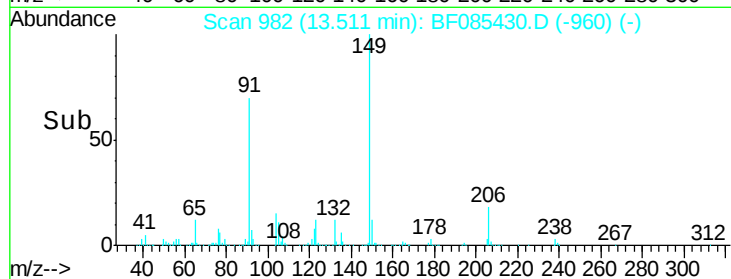
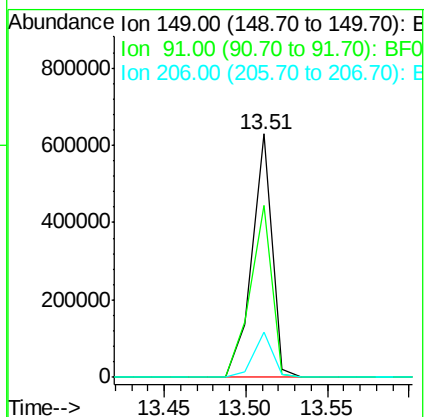
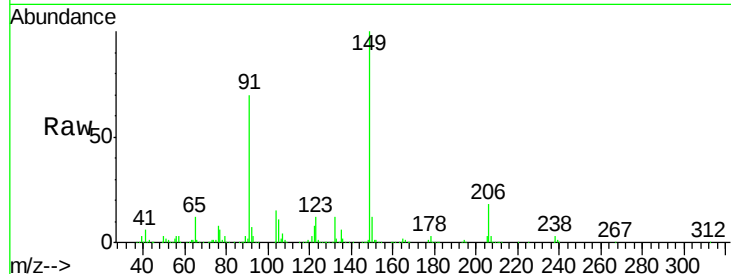
#79
Butylbenzylphthalate
Concen: 48.78 ng
RT: 13.51 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	540168		
91	70.4	69.0	103.4	
206	18.5	12.3	18.5	

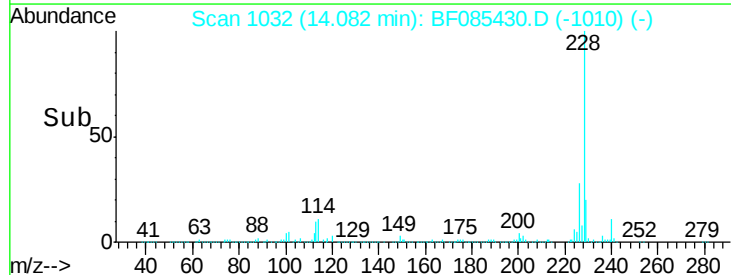
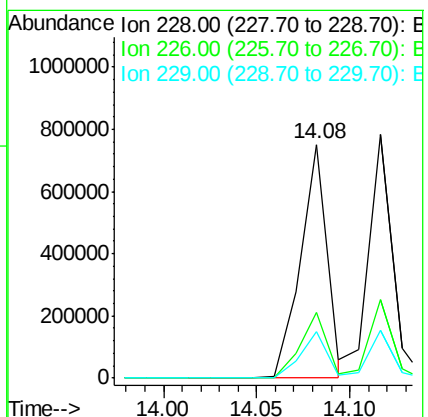
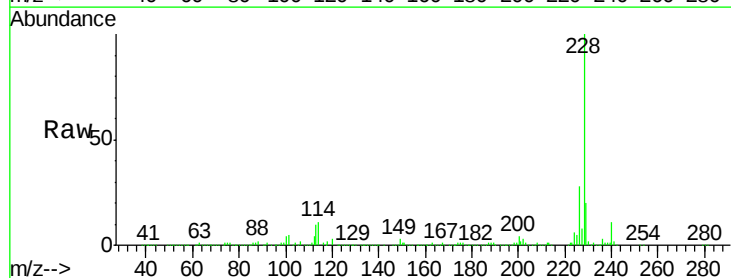
Manual Integrations
APPROVED

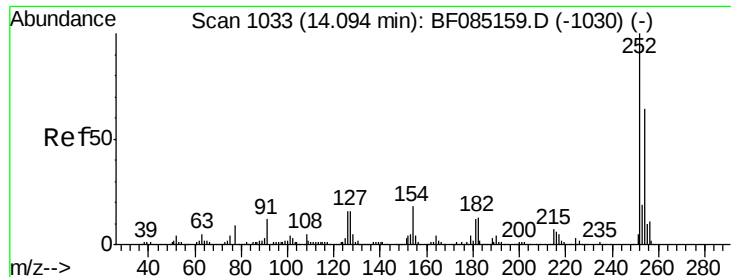
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#80
Benzo(a)anthracene
Concen: 38.70 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	751109		
226	28.2	22.8	34.2	
229	20.1	16.6	24.8	





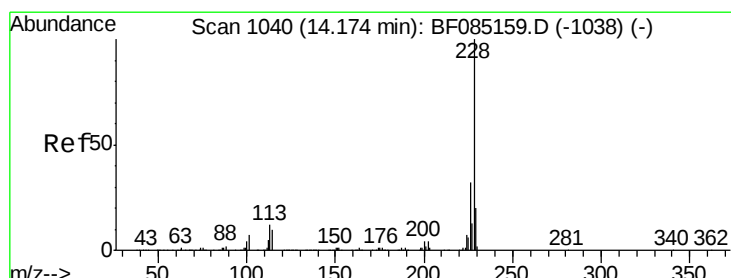
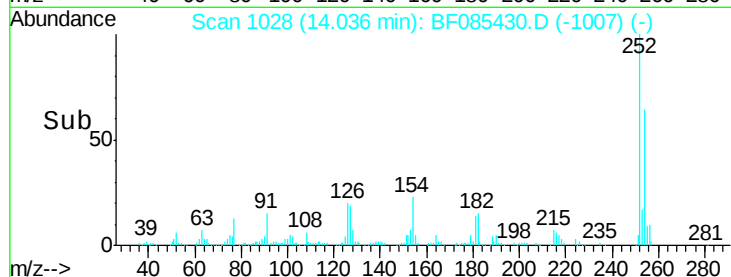
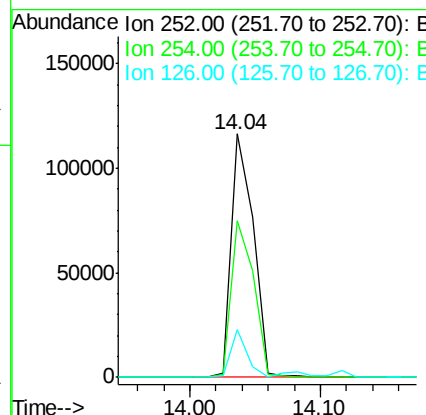
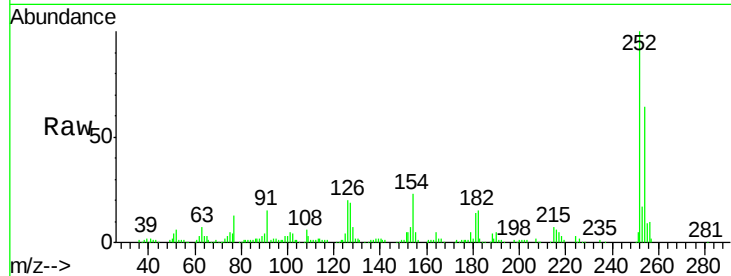
#81
 3,3'-Dichlorobenzidine
 Concen: 22.32 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.1	51.4	77.0
126	19.8	12.9	19.3

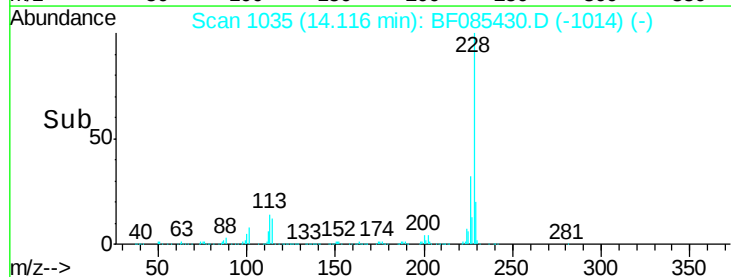
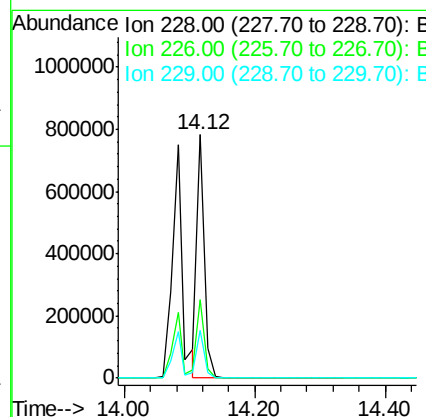
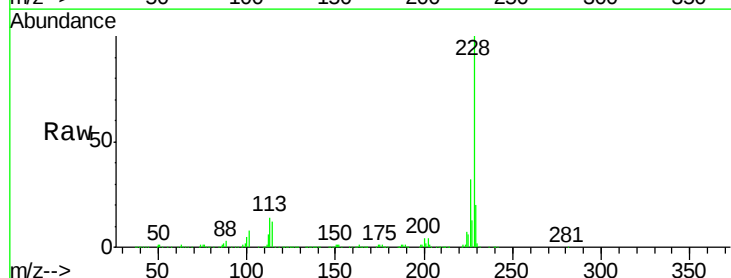
Manual Integrations
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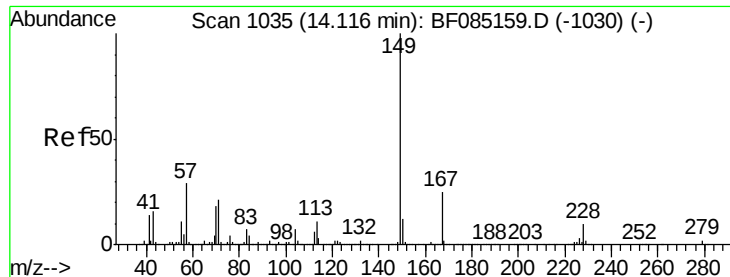
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#82
 Chrysene
 Concen: 34.48 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. -0.06 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.3	25.2	37.8
229	19.9	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.40 ng

RT: 14.07 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

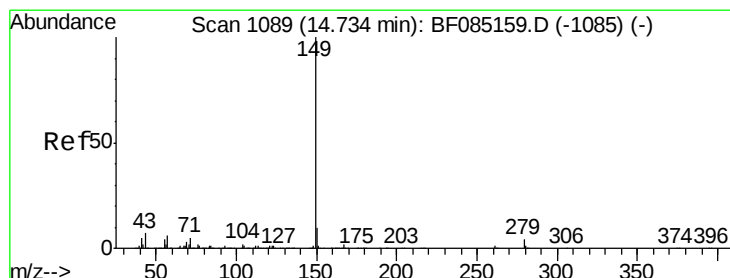
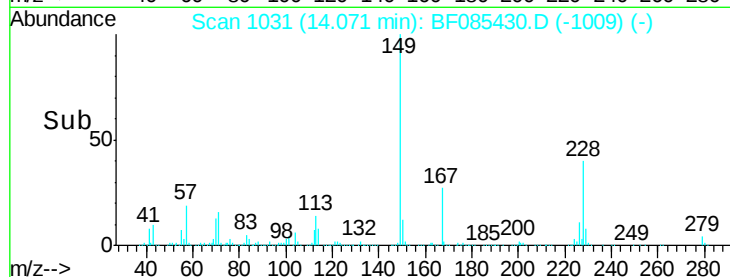
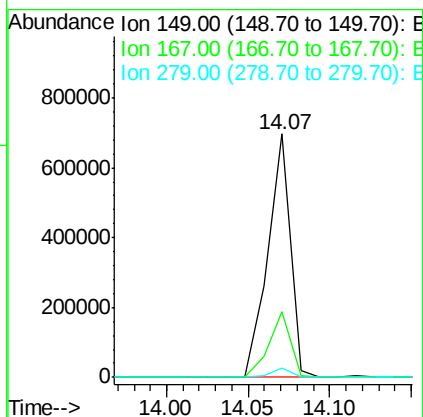
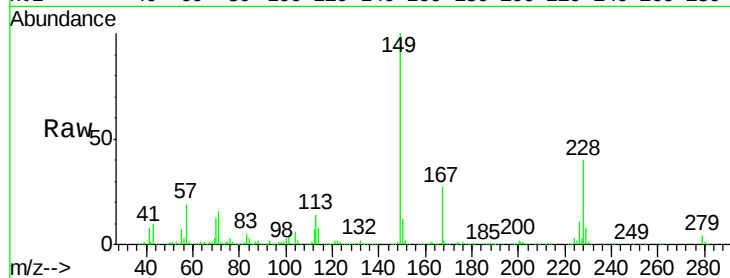
ClientSampleId :

PB88829BSD

Tgt	Ion	149	Resp	676034
	Ratio	100	Lower	Upper
	149	100		
	167	26.8	20.3	30.5
	279	3.7	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 43.01 ng

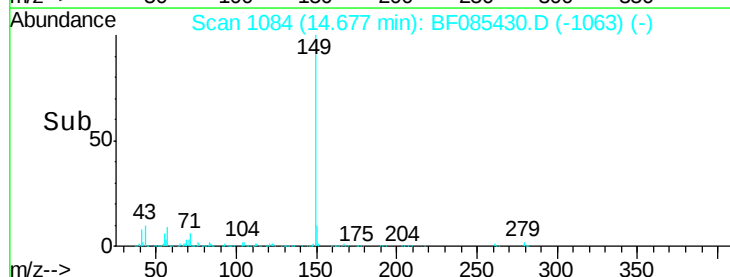
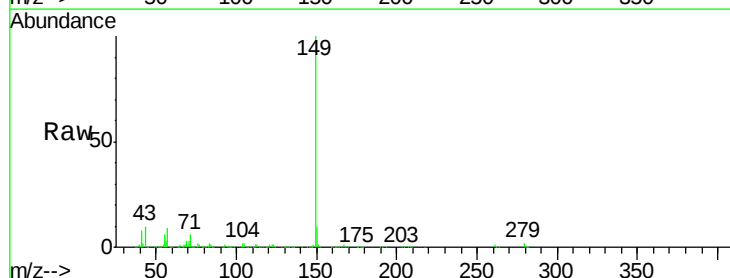
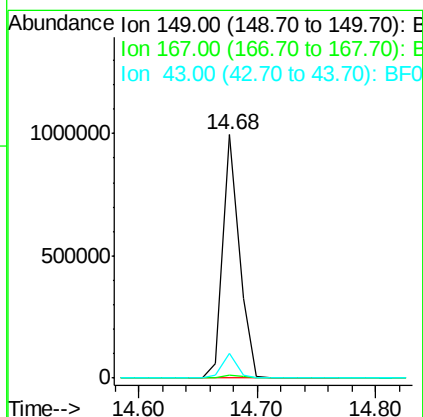
RT: 14.68 min Scan# 1084

Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt	Ion	149	Resp	954431
	Ratio	100	Lower	Upper
	149	100		
	167	1.6	1.1	1.7
	43	9.2	7.8	11.8





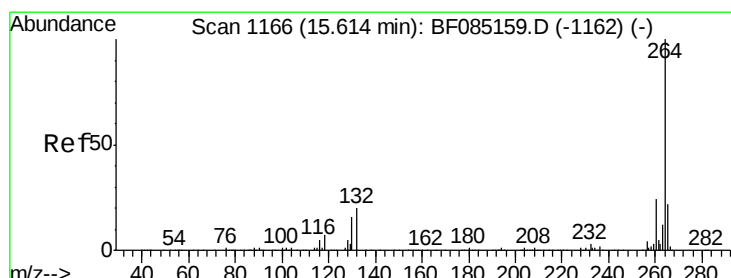
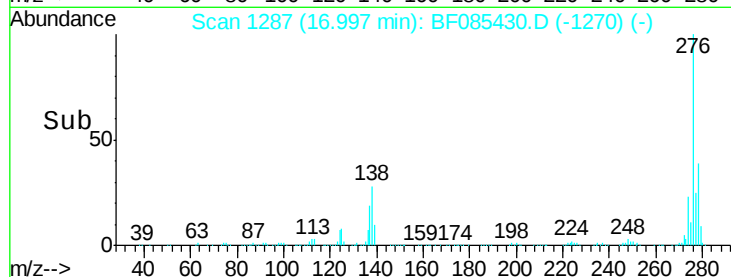
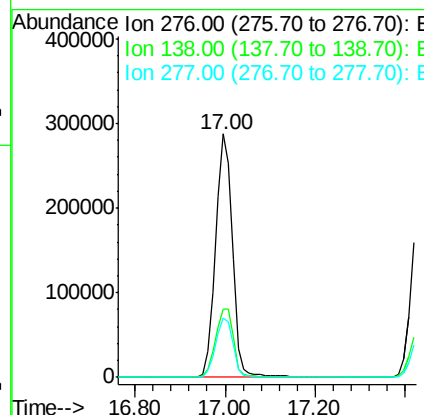
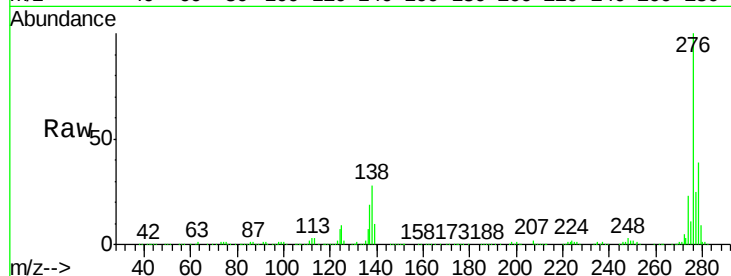
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.03 ng
RT: 17.00 min Scan# 1287
Delta R.T. -0.10 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	26.4	39.6
277	25.3	20.2	30.2

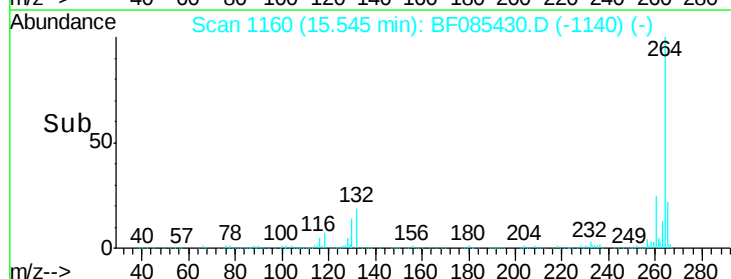
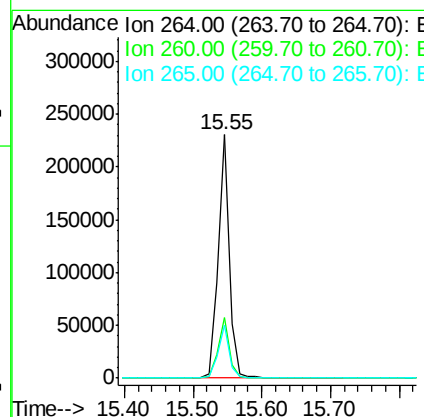
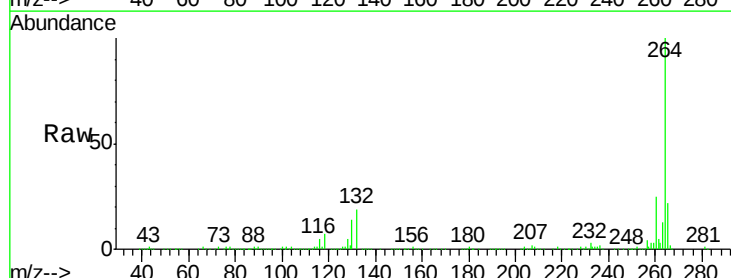
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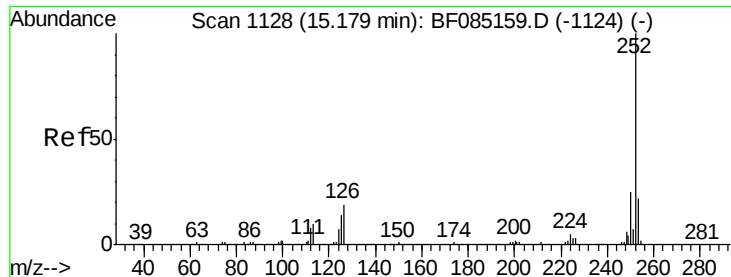
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.44 ng

RT: 15.12 min Scan# 1123

Delta R.T. -0.06 min

Lab File: BF085430.D

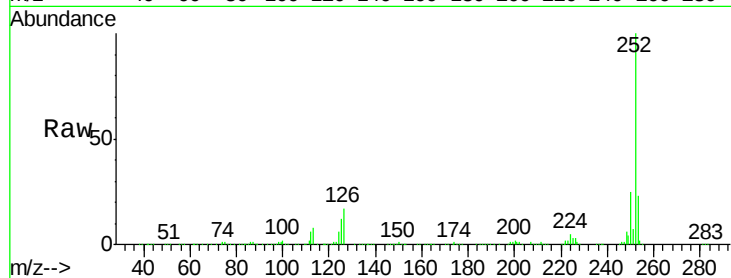
Acq: 14 Mar 2016 15:50

Instrument :

BNA_F

ClientSampleId :

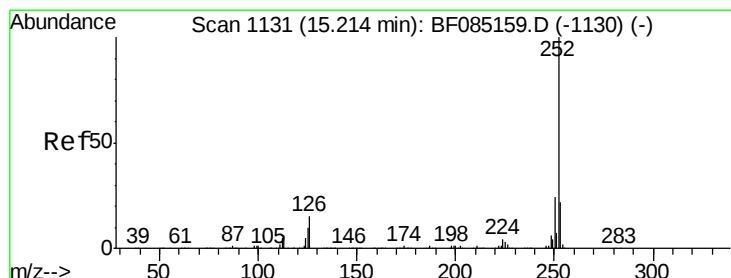
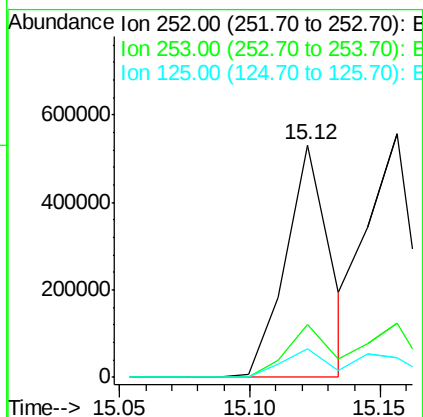
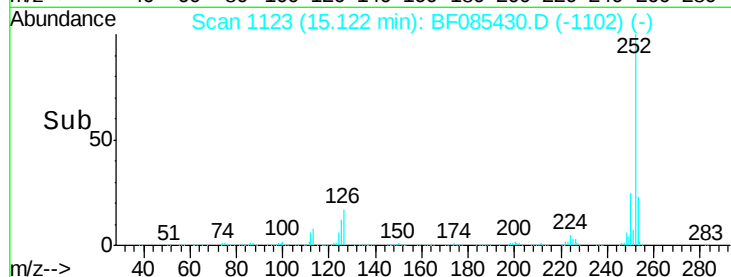
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	12.1	11.3	16.9

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#88

Benzo(k)fluoranthene

Concen: 45.57 ng m

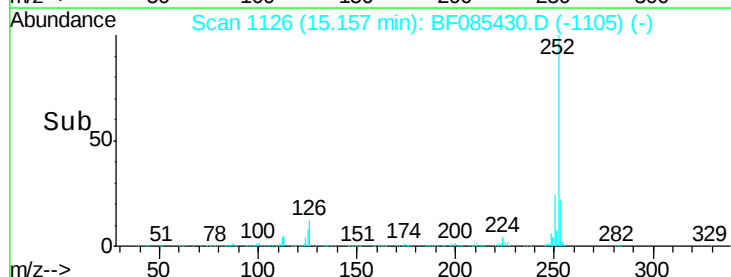
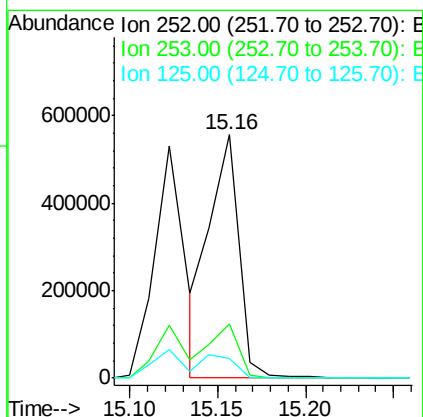
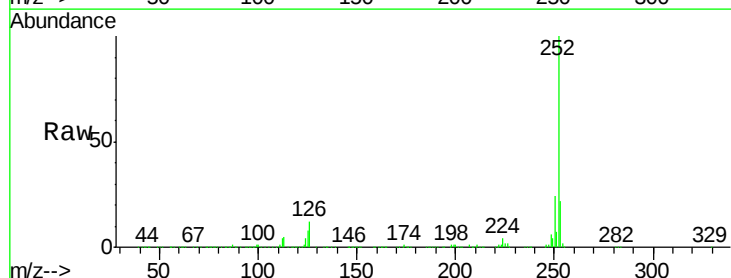
RT: 15.16 min Scan# 1126

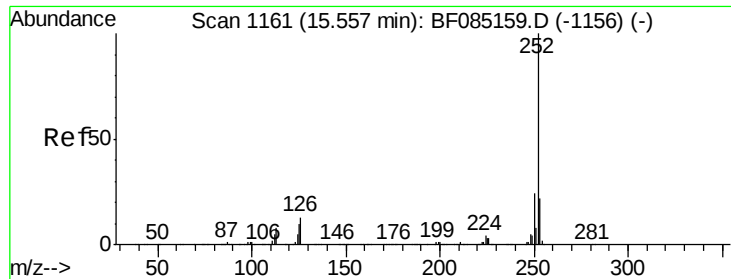
Delta R.T. -0.06 min

Lab File: BF085430.D

Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	8.0	10.4	15.6





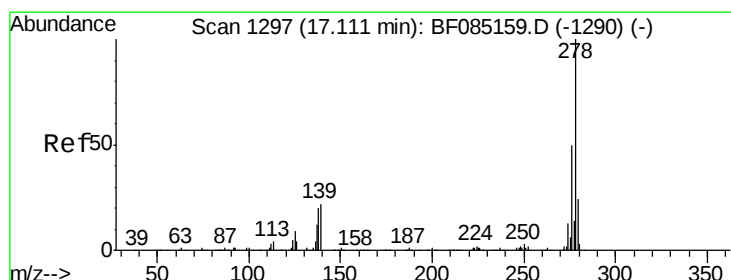
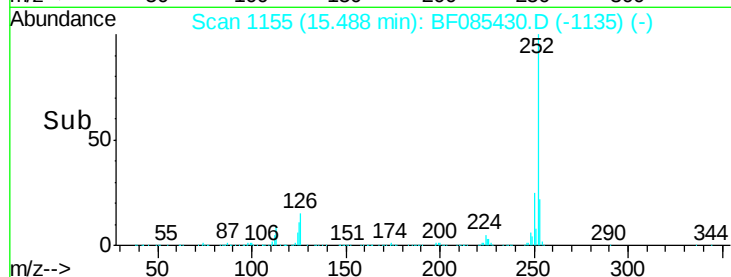
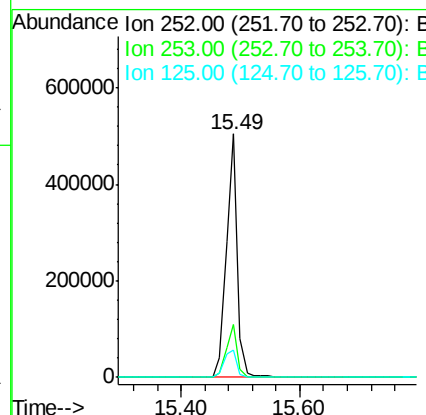
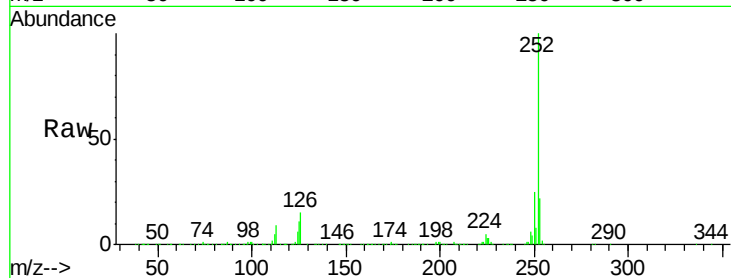
#89
Benzo(a)pyrene
Concen: 43.44 ng
RT: 15.49 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Instrument :
BNA_F
ClientSampleId :
PB88829BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	11.2	8.2	12.4

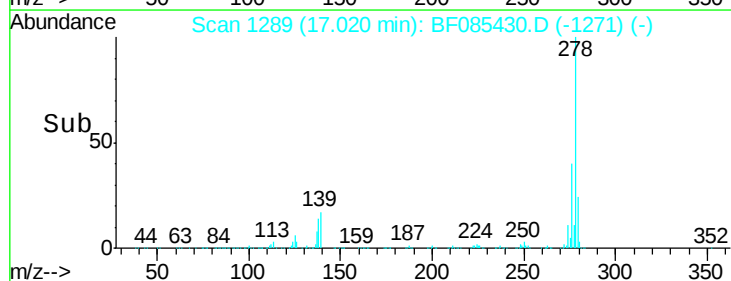
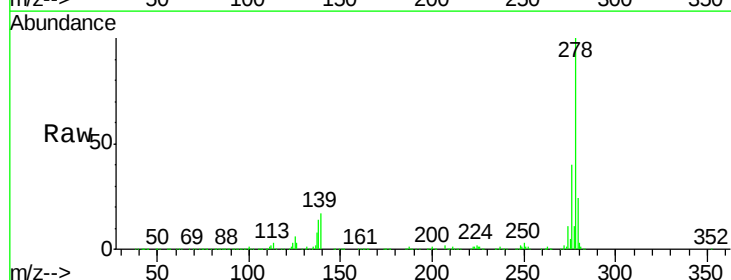
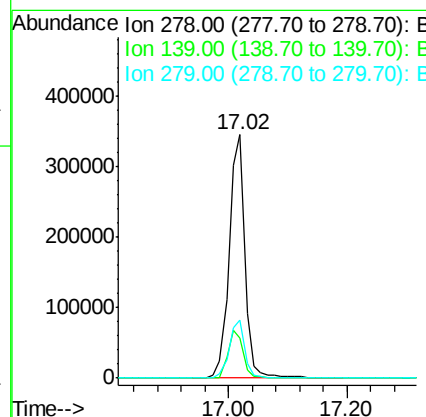
Manual Integrations
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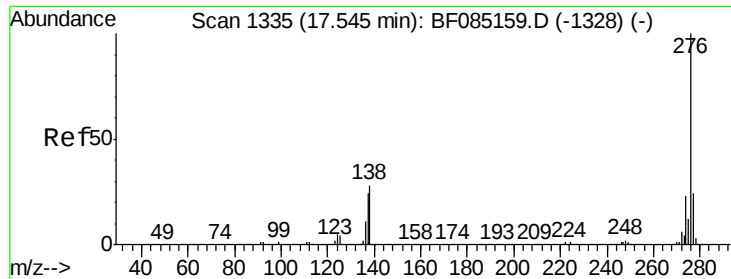
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#90
Dibenzo(a,h)anthracene
Concen: 50.73 ng
RT: 17.02 min Scan# 1289
Delta R.T. -0.09 min
Lab File: BF085430.D
Acq: 14 Mar 2016 15:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	17.3	25.9#
279	23.7	19.2	28.8





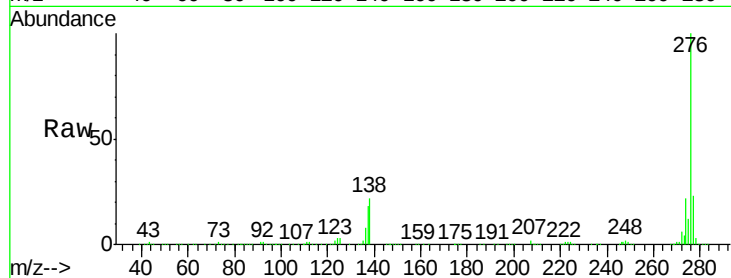
#91
 Benzo(g,h,i)perylene
 Concen: 49.74 ng
 RT: 17.44 min Scan# 1326
 Delta R.T. -0.10 min
 Lab File: BF085430.D
 Acq: 14 Mar 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.0	19.0	28.4
138	22.3	22.5	33.7

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

