

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085635.D
 Acq On : 21 Mar 2016 21:22
 Operator : UM/SJ
 Sample : H1841-09MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

Manual Integrations
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Sohil
 3/22/2016 5:33:54 PM

Quant Time: Mar 22 02:15:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128910	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	488437	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	215111	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	343187	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	249377	20.00	ng	-0.01
86) Perylene-d12	15.42	264	241309	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	754071	98.25	ng	-0.01
7) Phenol-d6	6.48	99	950013	96.51	ng	-0.01
23) Nitrobenzene-d5	7.41	82	580995	69.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	227029	107.74	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	936810	71.35	ng	-0.02
78) Terphenyl-d14	12.95	244	661571	63.84	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	69839	18.72	ng	94
3) Pyridine	3.18	79	209151	22.83	ng	99
4) n-Nitrosodimethylamine	3.11	42	116786	30.54	ng	99
6) Aniline	6.50	93	396152	29.97	ng	97
8) 2-Chlorophenol	6.63	128	317976	35.81	ng	98
9) Benzaldehyde	6.39	77	43705	6.71	ng	95
10) Phenol	6.49	94	395240	35.25	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	300507	35.55	ng	97
12) 1,3-Dichlorobenzene	6.78	146	280176m	28.96	ng	
13) 1,4-Dichlorobenzene	6.86	146	296641	30.06	ng	98
14) 1,2-Dichlorobenzene	7.02	146	274126	31.28	ng	96
15) Benzyl Alcohol	6.98	79	240867	35.72	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	362591	32.62	ng	99
17) 2-Methylphenol	7.10	107	254136	34.53	ng	99
18) Hexachloroethane	7.35	117	102996	28.90	ng	# 79
19) n-Nitroso-di-n-propylamine	7.26	70	186897	31.79	ng	92
20) 3+4-Methylphenols	7.26	107	301358	35.35	ng	95
22) Acetophenone	7.26	105	394340	34.02	ng	# 97
24) Nitrobenzene	7.43	77	338104	36.71	ng	96
25) Isophorone	7.67	82	601471	35.70	ng	98
26) 2-Nitrophenol	7.75	139	170016	37.35	ng	94
27) 2,4-Dimethylphenol	7.78	122	269905	33.53	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	362579	37.84	ng	100
29) 2,4-Dichlorophenol	7.99	162	258305	38.86	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	249093	33.45	ng	98
31) Naphthalene	8.15	128	830226	33.68	ng	99
32) Benzoic acid	7.88	122	62957	9.35	ng	94
33) 4-Chloroaniline	8.21	127	310466	30.72	ng	96
34) Hexachlorobutadiene	8.28	225	130487	32.88	ng	98
35) Caprolactam	8.56	113	83592	36.55	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	276282	35.59	ng	99
37) 2-Methylnaphthalene	8.85	142	584191	38.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	223902	34.31	ng	99
40) Hexachlorocyclopentadiene	9.00	237	99536	33.85	ng	100

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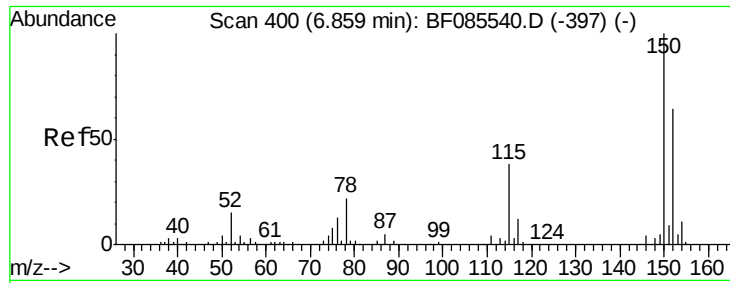
Manual Integrations
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 3/22/2016 5:33:54 PM

Quant Time: Mar 22 02:15:43 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	171289	38.35	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	179398	39.46	ng	# 94
45) 1,1'-Biphenyl	9.30	154	625647	33.72	ng	99
46) 2-Chloronaphthalene	9.33	162	468781	34.58	ng	# 91
47) 2-Nitroaniline	9.43	65	170088	41.48	ng	88
48) Acenaphthylene	9.75	152	789152	35.97	ng	99
49) Dimethylphthalate	9.61	163	868944	53.53	ng	99
50) 2,6-Dinitrotoluene	9.67	165	126607	36.94	ng	94
51) Acenaphthene	9.92	154	494269	35.91	ng	98
52) 3-Nitroaniline	9.84	138	145076	33.80	ng	85
53) 2,4-Dinitrophenol	9.94	184	44417	21.16	ng	97
54) Dibenzofuran	10.09	168	684736	40.85	ng	95
55) 4-Nitrophenol	10.00	139	171665	51.75	ng	92
56) 2,4-Dinitrotoluene	10.07	165	155394	34.63	ng	# 55
57) Fluorene	10.44	166	501068	35.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	127932	39.09	ng	98
59) Diethylphthalate	10.31	149	632365	39.18	ng	98
60) 4-Chlorophenyl-phenylether	10.42	204	258953	37.96	ng	92
61) 4-Nitroaniline	10.45	138	117215	27.71	ng	88
62) Azobenzene	10.58	77	626417	40.45	ng	94
64) 4,6-Dinitro-2-methylphenol	10.48	198	48948	22.29	ng	# 77
65) n-Nitrosodiphenylamine	10.54	169	425190	39.77	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	146383	42.70	ng	# 86
67) Hexachlorobenzene	10.98	284	144010	39.54	ng	# 83
68) Atrazine	11.06	200	141884	43.59	ng	96
69) Pentachlorophenol	11.18	266	140512	63.54	ng	99
70) Phenanthrene	11.38	178	669914	37.02	ng	99
71) Anthracene	11.44	178	704859	37.15	ng	99
72) Carbazole	11.60	167	599908	36.65	ng	97
73) Di-n-butylphthalate	11.93	149	804970	39.27	ng	98
74) Fluoranthene	12.57	202	605797	31.97	ng	95
76) Benzidine	12.70	184	431959	51.51	ng	98
77) Pyrene	12.80	202	600188	33.52	ng	99
79) Butylbenzylphthalate	13.42	149	281576	32.99	ng	# 76
80) Benzo(a)anthracene	13.99	228	540860	37.36	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	157513	29.69	ng	# 96
82) Chrysene	14.03	228	437807	31.43	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	365662	34.48	ng	# 98
84) Di-n-octyl phthalate	14.60	149	639145	36.99	ng	98
85) Indeno(1,2,3-cd)pyrene	16.81	276	527725	45.34	ng	99
87) Benzo(b)fluoranthene	15.02	252	560266m	35.58	ng	
88) Benzo(k)fluoranthene	15.04	252	451276m	34.79	ng	
89) Benzo(a)pyrene	15.36	252	496065	37.16	ng	98
90) Dibenzo(a,h)anthracene	16.83	278	452702	40.66	ng	97
91) Benzo(g,h,i)perylene	17.24	276	417110	38.71	ng	96

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



#1

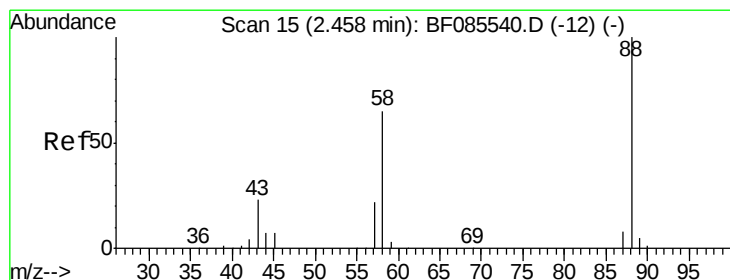
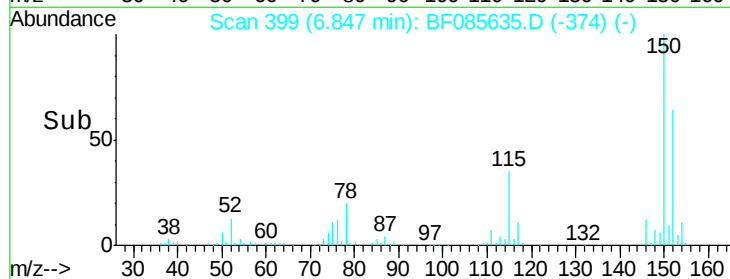
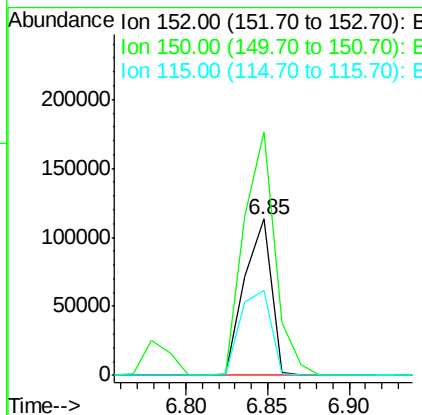
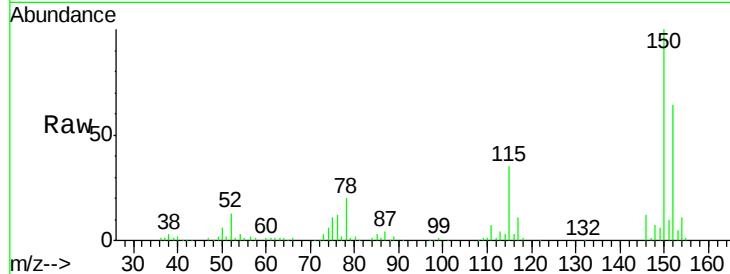
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	128910		
150	155.7	124.2	186.2	
115	54.2	47.0	70.6	

Manual Integrations
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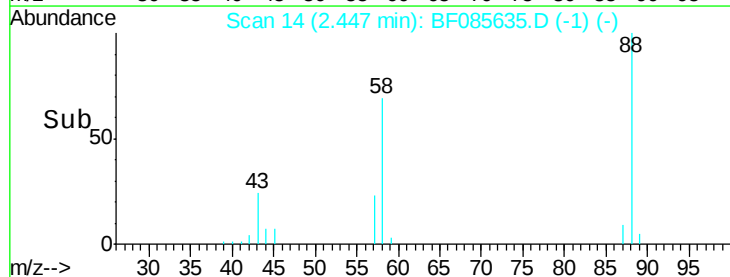
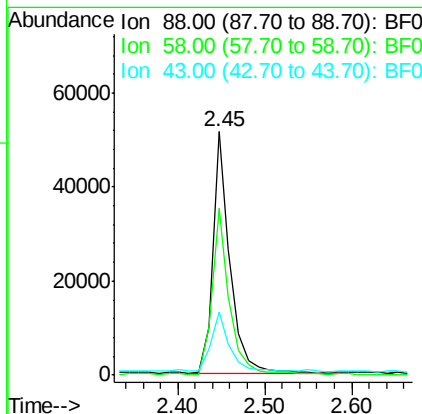
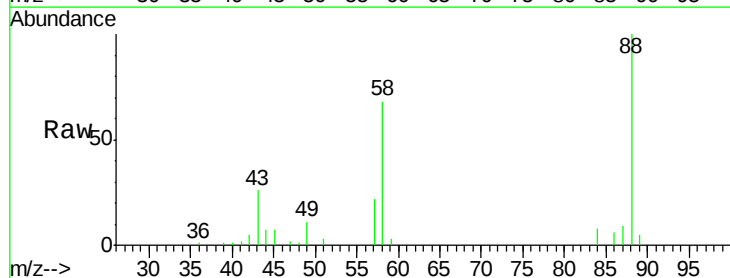
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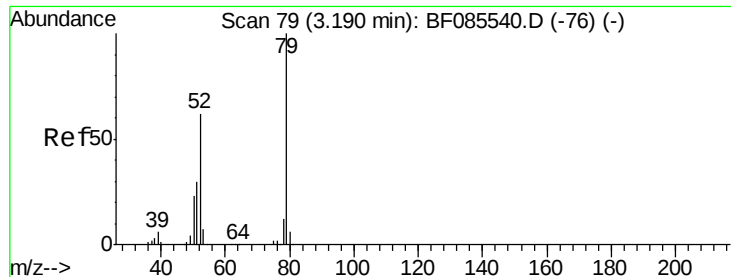


#2

1,4-Dioxane
Concen: 18.72 ng
RT: 2.45 min Scan# 14
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	69839		
58	72.0	54.2	81.2	
43	27.5	19.3	28.9	





#3

Pyridine

Concen: 22.83 ng

RT: 3.18 min Scan# 78

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

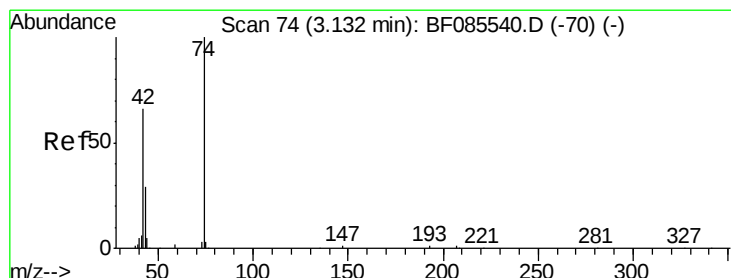
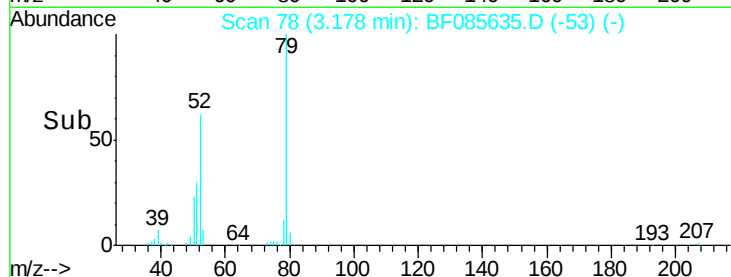
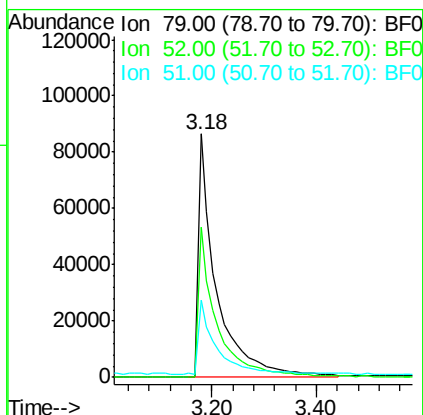
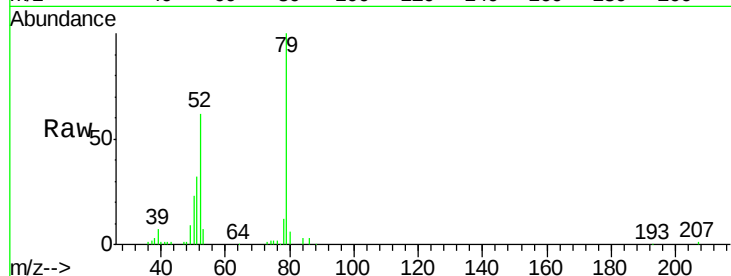
ClientSampleId :

BOTTOM(7)MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.5	49.8	74.6
51	31.6	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 30.54 ng

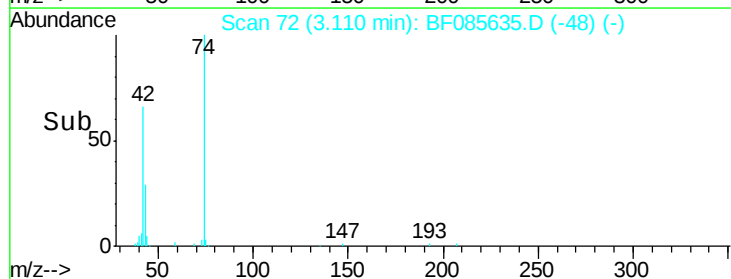
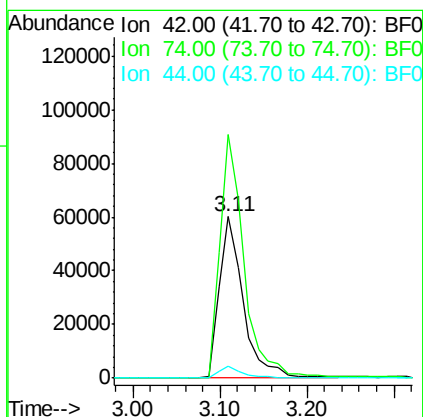
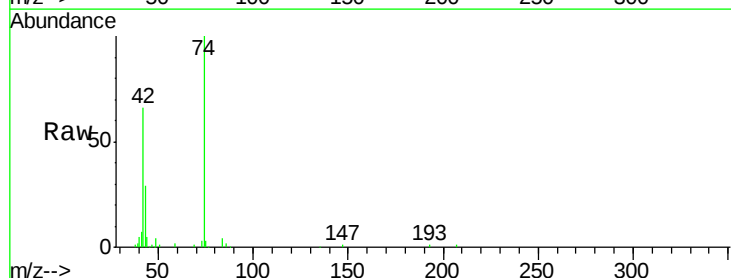
RT: 3.11 min Scan# 72

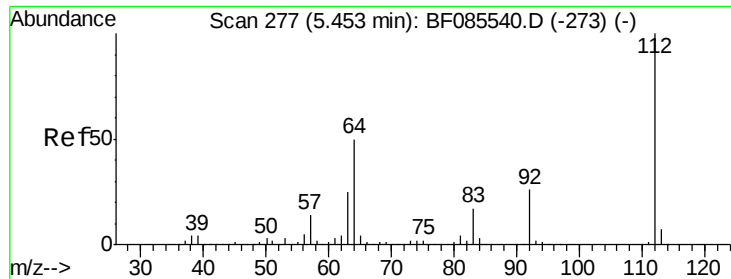
Delta R.T. -0.02 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.9	121.4	182.2
44	7.4	5.6	8.4





#5

2-Fluorophenol

Concen: 98.25 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

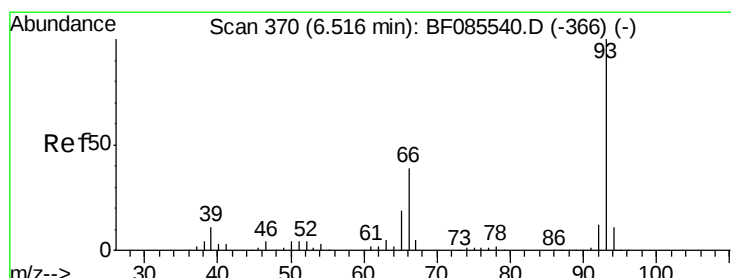
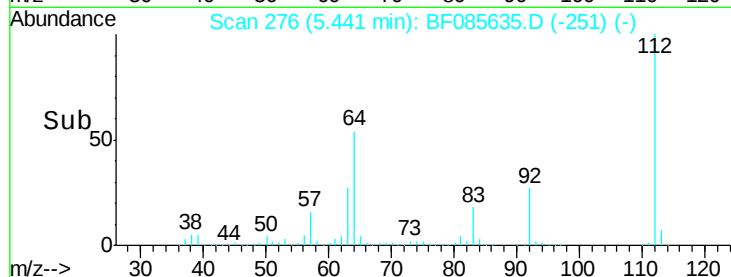
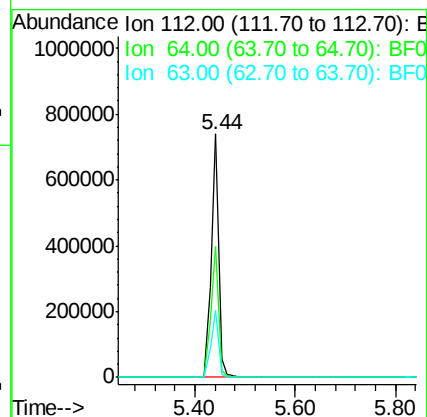
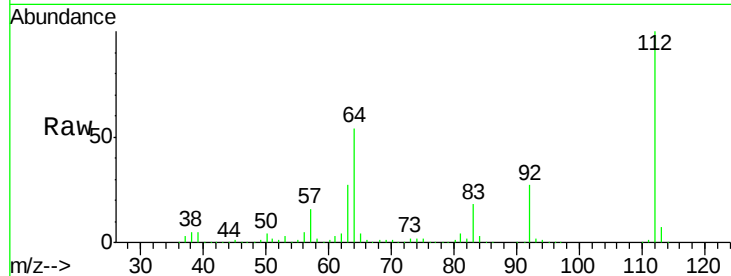
ClientSampleId :

BOTTOM(7)MS

Tgt Ion:	112	Resp:	754071
Ion Ratio	Lower	Upper	
112	100		
64	54.0	39.9	59.9
63	27.3	20.2	30.2

Manual Integrations
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#6

Aniline

Concen: 29.97 ng

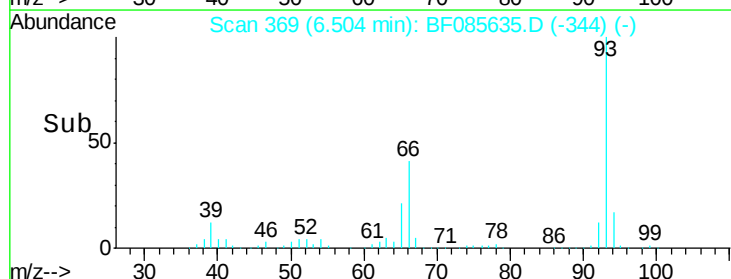
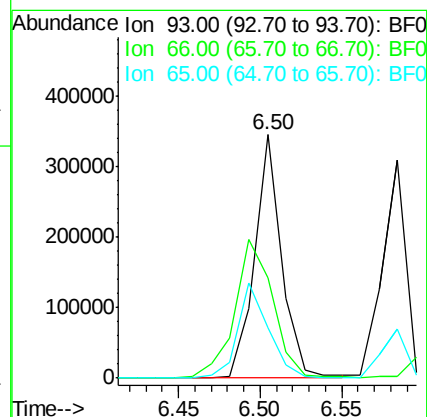
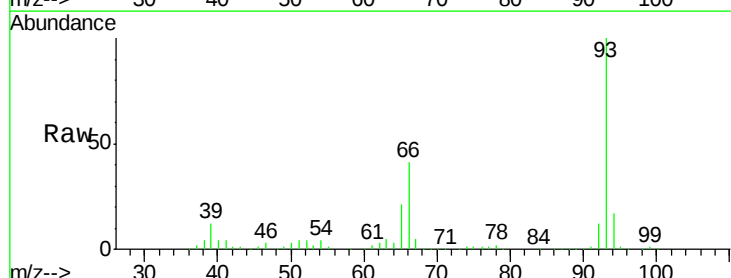
RT: 6.50 min Scan# 369

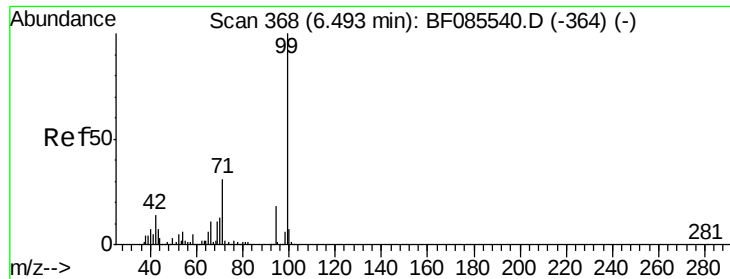
Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion:	93	Resp:	396152
Ion Ratio	Lower	Upper	
93	100		
66	41.0	31.4	47.2
65	20.6	15.7	23.5





#7

Phenol-d6

Concen: 96.51 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085635.D

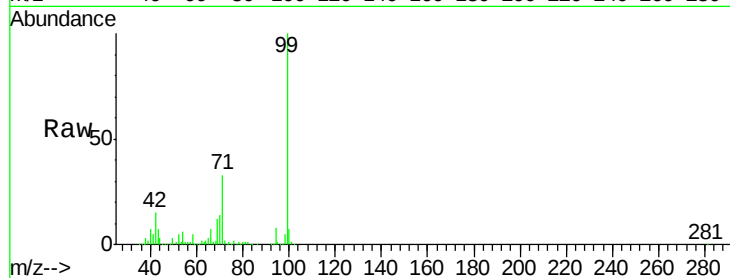
Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

ClientSampleId :

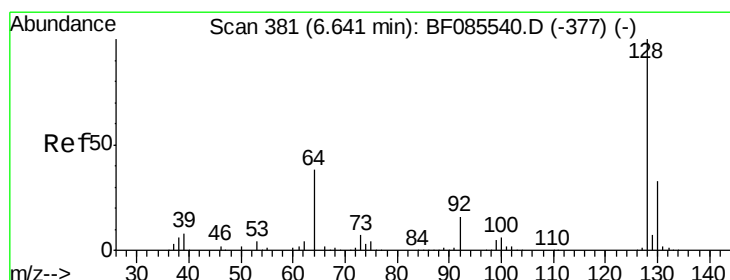
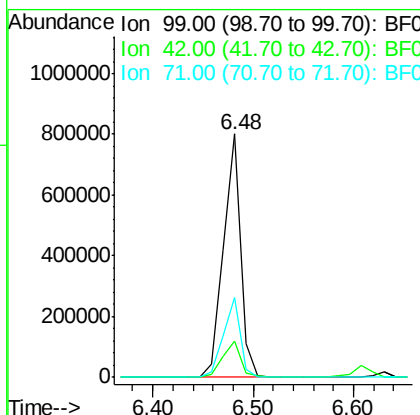
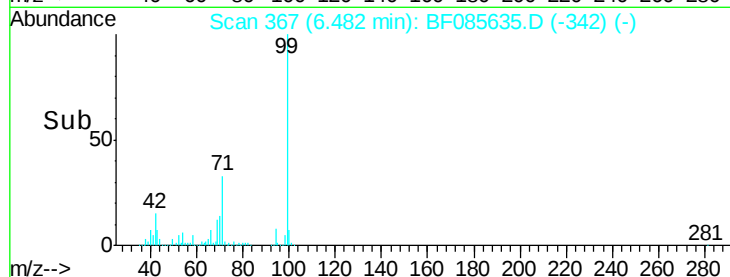
BOTTOM(7)MS



Tgt Ion:	99	Resp:	950013
Ion Ratio	Lower	Upper	
99	100		
42	14.9	11.1	16.7
71	33.0	24.9	37.3

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#8

2-Chlorophenol

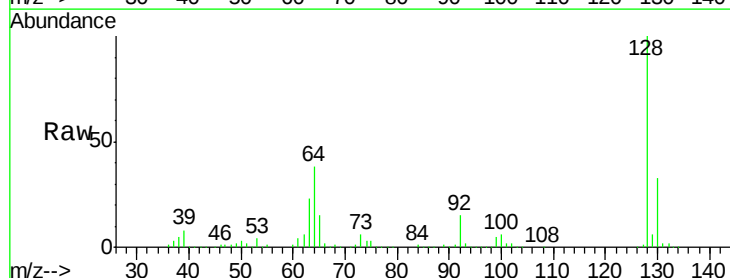
Concen: 35.81 ng

RT: 6.63 min Scan# 380

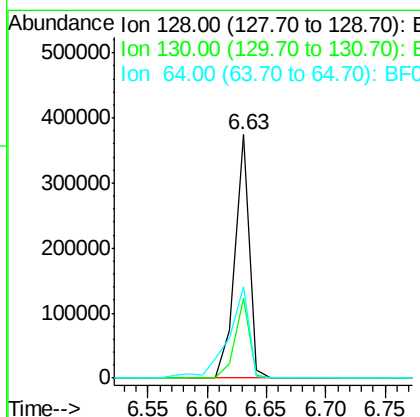
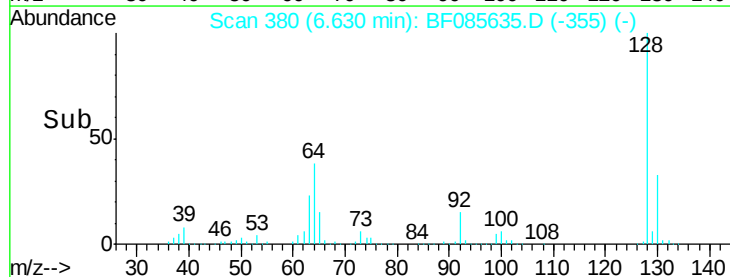
Delta R.T. -0.01 min

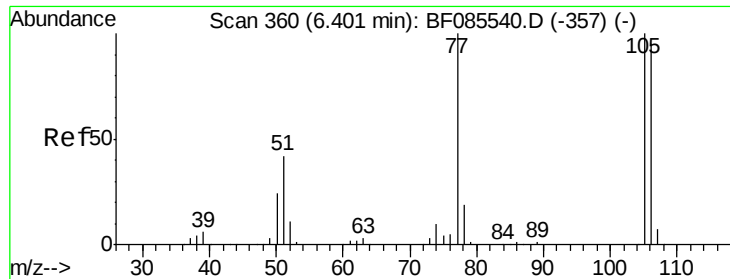
Lab File: BF085635.D

Acq: 21 Mar 2016 21:22



Tgt Ion:	128	Resp:	317976
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	37.7	20.2	60.2





#9

Benzaldehyde

Concen: 6.71 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

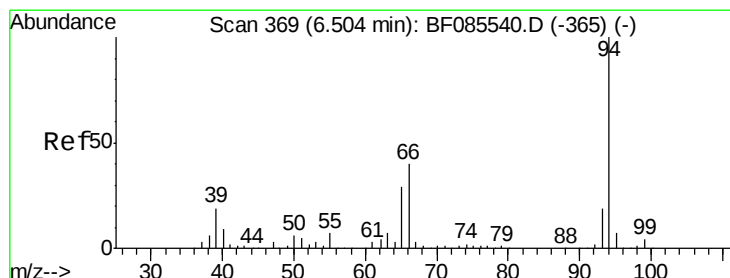
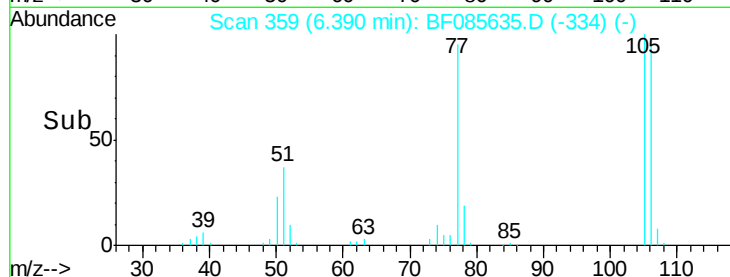
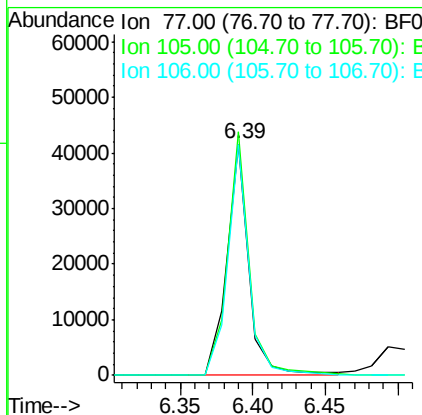
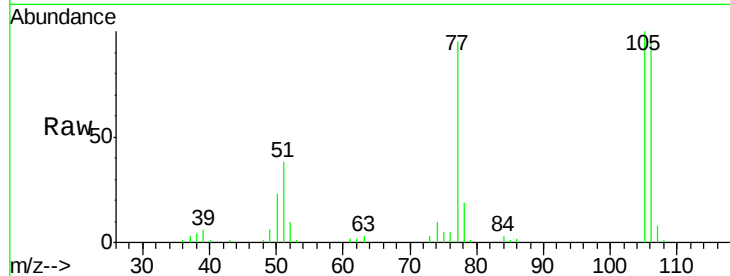
ClientSampleId :

BOTTOM(7)MS

Tgt Ion:	77	Resp:	43705
Ion	Ratio	Lower	Upper
77	100		
105	105.2	80.1	120.1
106	99.8	75.0	115.0

Manual Integrations
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#10

Phenol

Concen: 35.25 ng

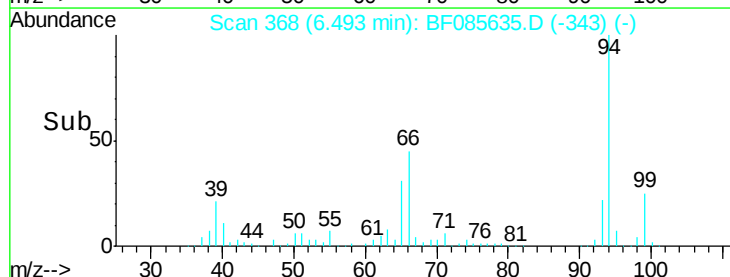
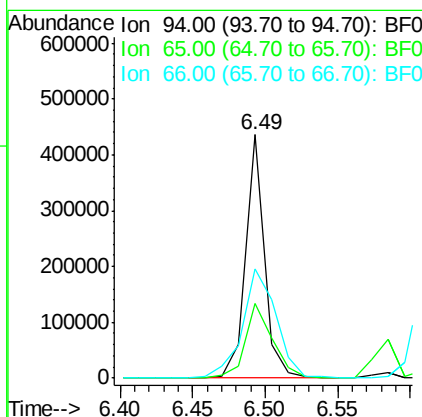
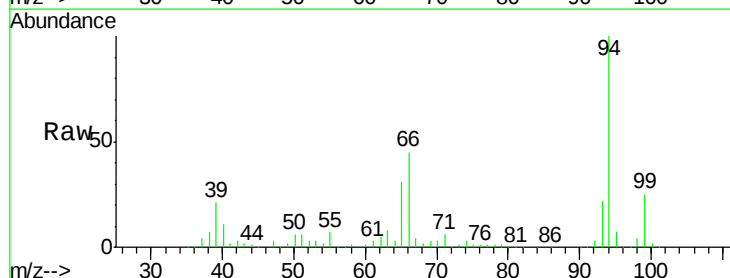
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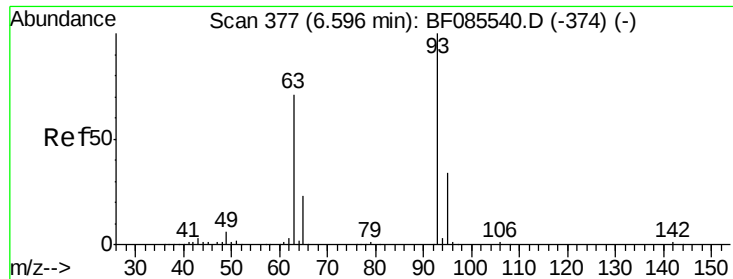
Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion:	94	Resp:	395240
Ion	Ratio	Lower	Upper
94	100		
65	30.9	8.6	48.6
66	45.0	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 35.55 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

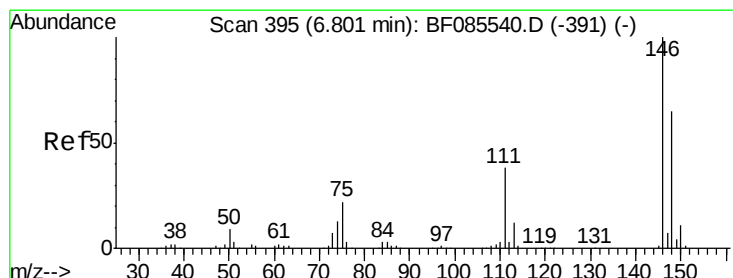
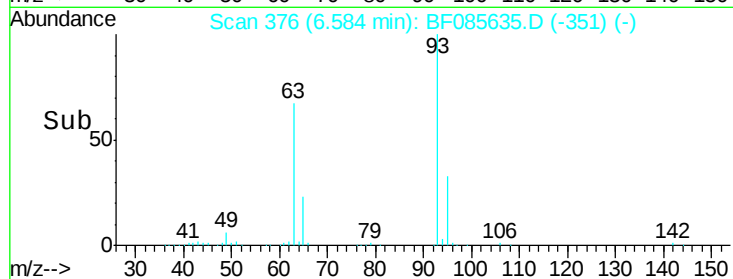
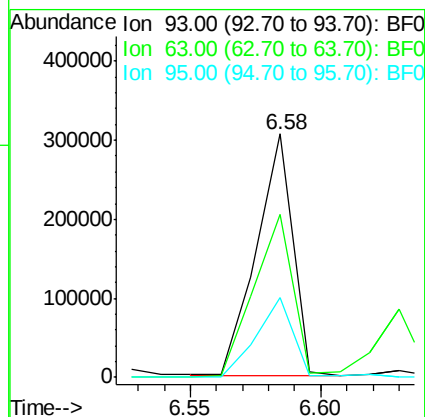
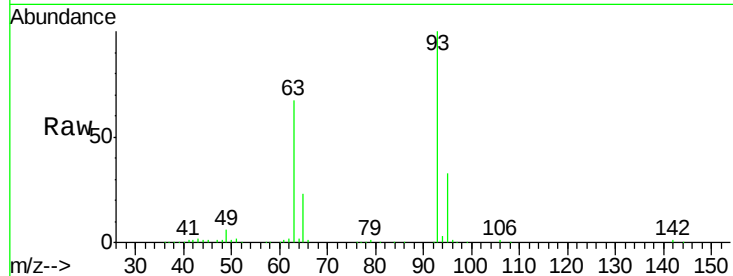
ClientSampleId :

BOTTOM(7)MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	67.0	50.9	90.9
95	32.8	13.3	53.3

Manual Integrations
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Sohil
3/22/2016 5:33:54 PM



#12

1,3-Dichlorobenzene

Concen: 28.96 ng m

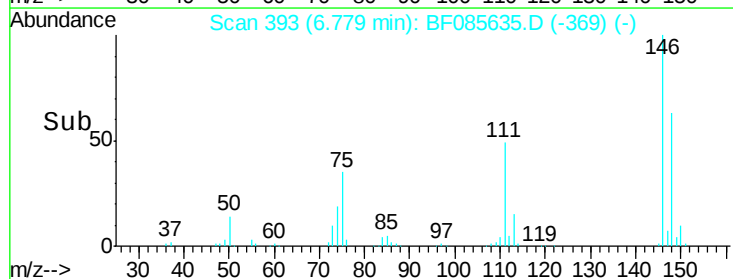
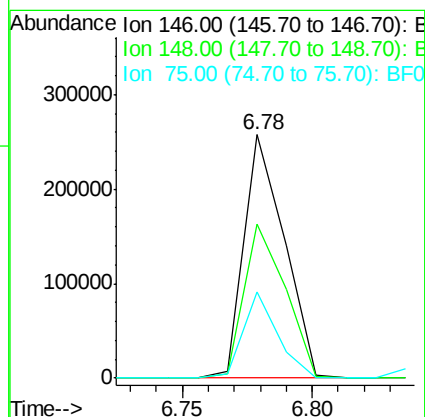
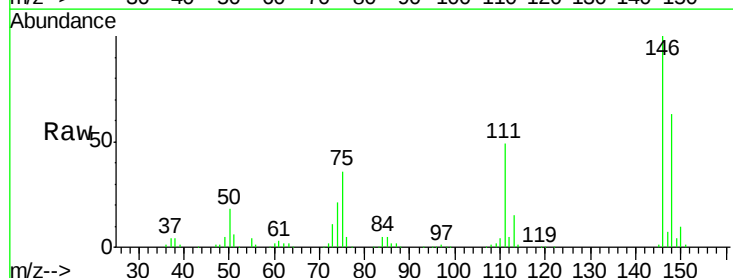
RT: 6.78 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.3	78.5
75	35.6	17.4	26.2#





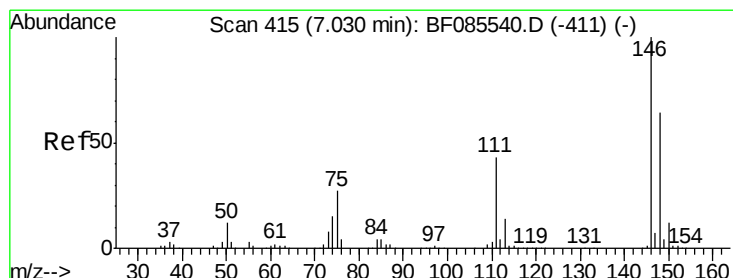
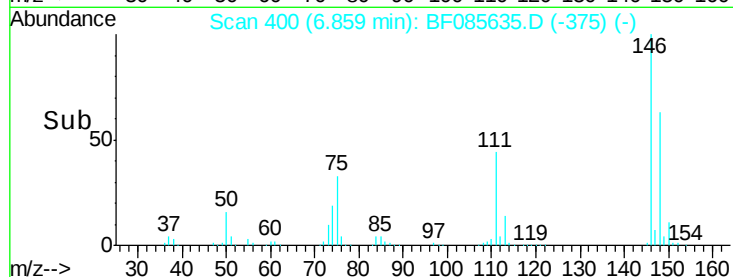
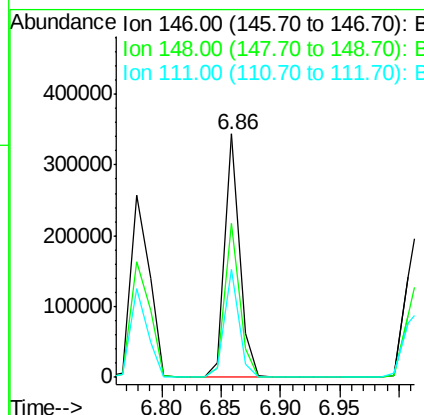
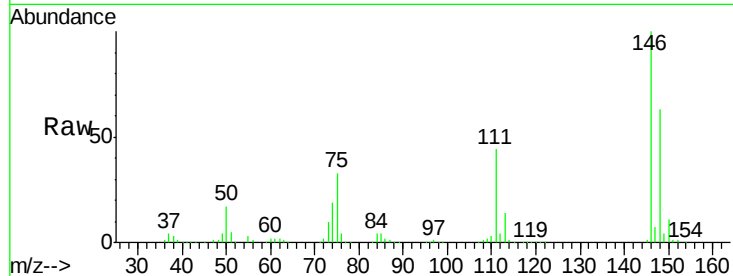
#13
1,4-Dichlorobenzene
Concen: 30.06 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	76.0
111	44.2	37.8	56.6

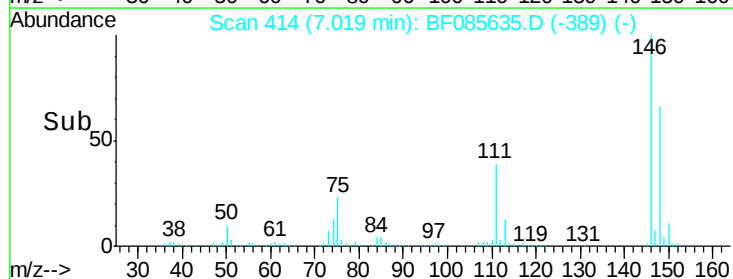
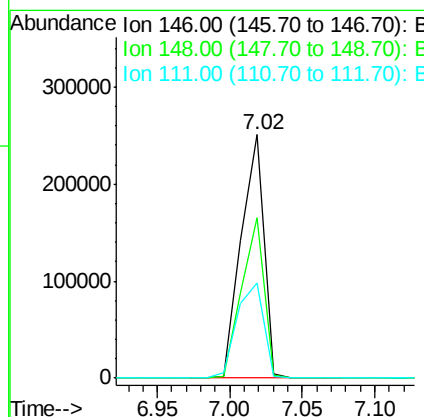
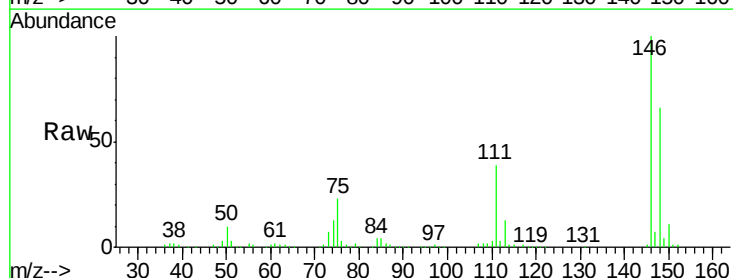
Manual Integrations
APPROVED

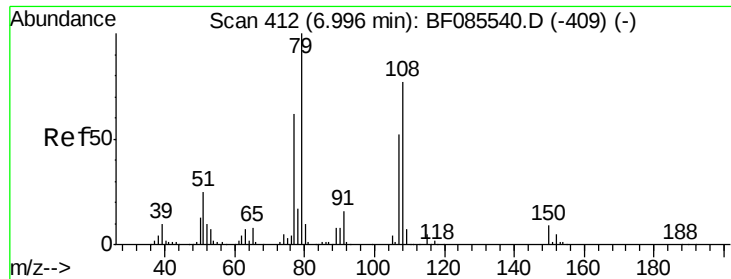
Sohil
3/22/2016 5:33:54 PM



#14
1,2-Dichlorobenzene
Concen: 31.28 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.2
111	39.3	34.6	52.0





#15

Benzyl Alcohol

Concen: 35.72 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

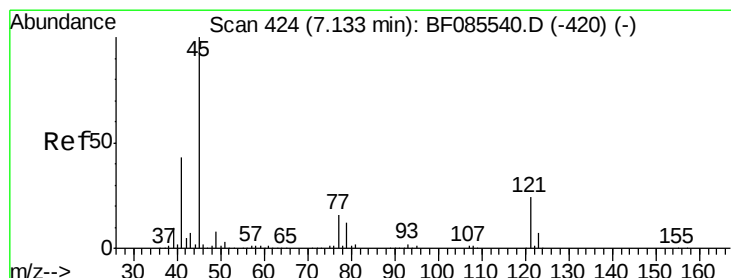
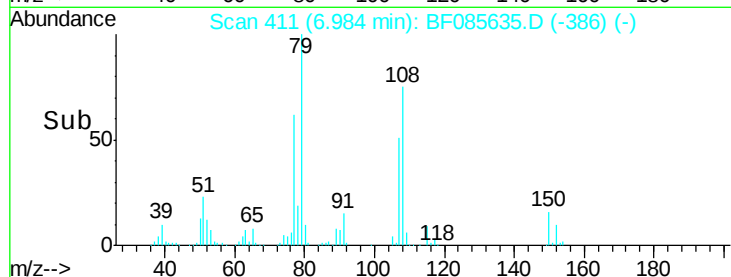
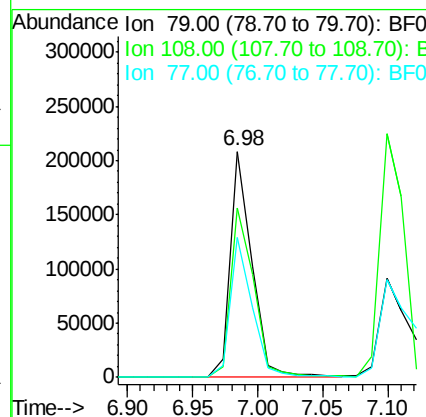
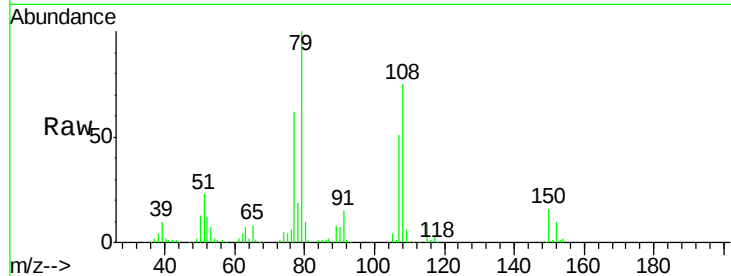
ClientSampleId :

BOTTOM(7)MS

Tgt Ion:	79	Resp:	240867
Ion Ratio	Lower	Upper	
79	100		
108	74.7	61.8	92.6
77	61.8	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.62 ng

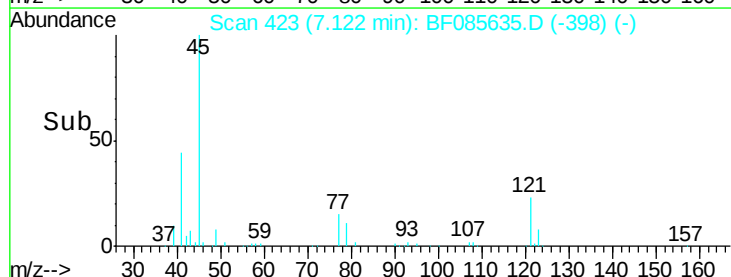
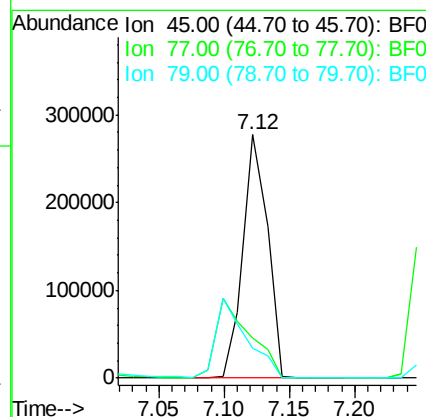
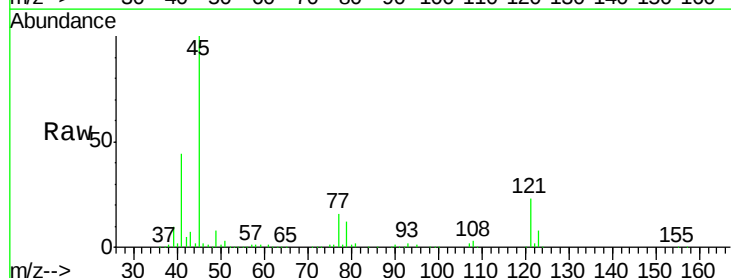
RT: 7.12 min Scan# 423

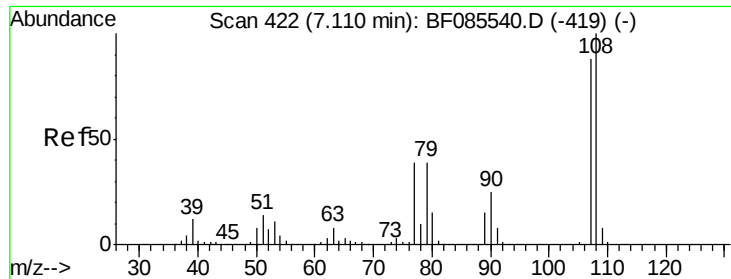
Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion:	45	Resp:	362591
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	35.7
79	12.4	0.0	32.2





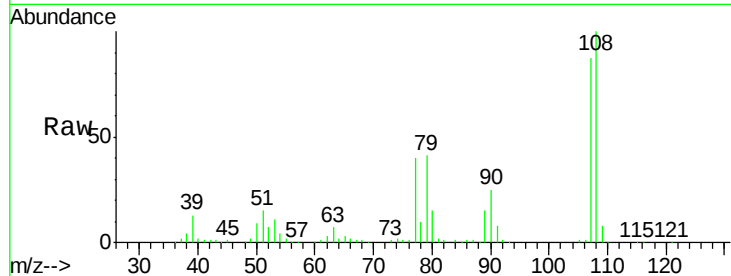
#17
2-Methylphenol
Concen: 34.53 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	254136		
108	114.4	91.4	137.0	
77	46.1	36.2	54.2	
79	46.6	35.8	53.8	

Manual Integrations
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Abundance

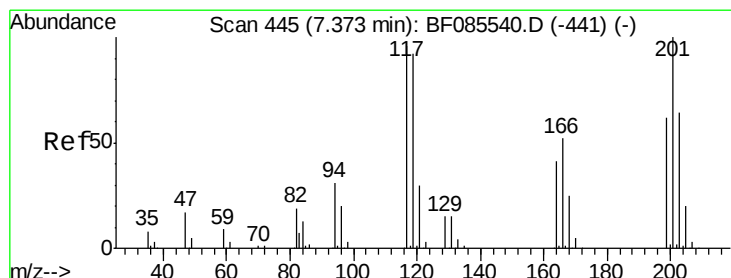
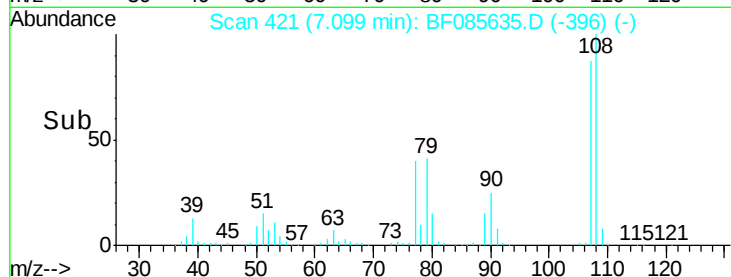
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18
Hexachloroethane
Concen: 28.90 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	102996		
119	95.3	76.7	115.1	
201	64.2	83.3	124.9	

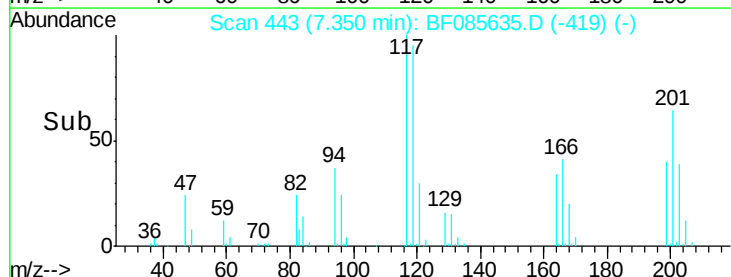
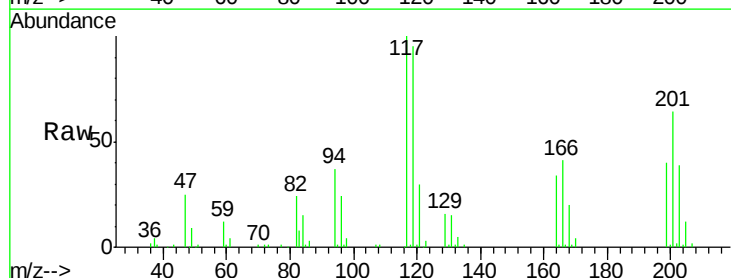
Abundance

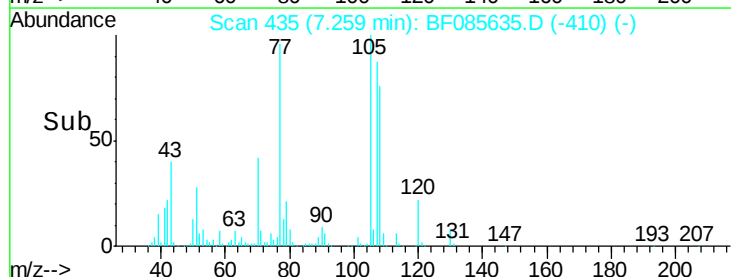
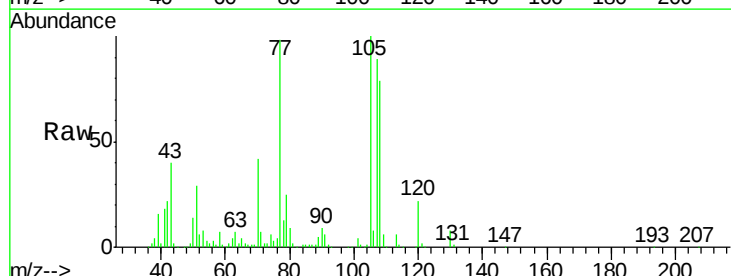
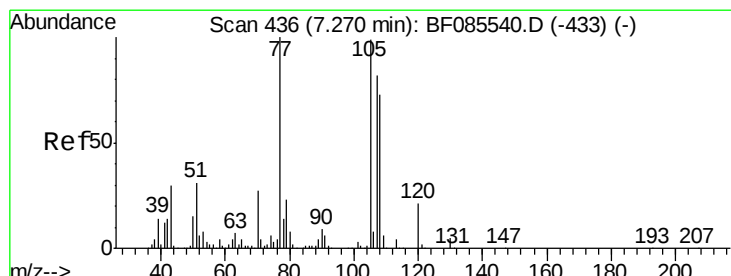
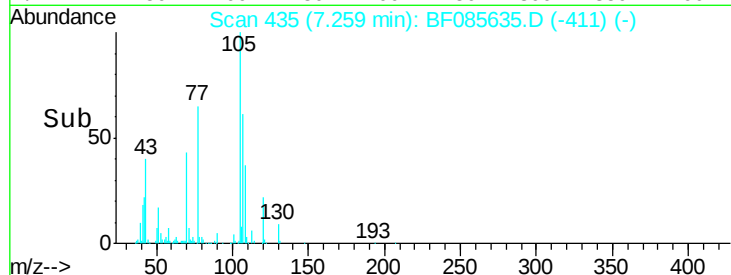
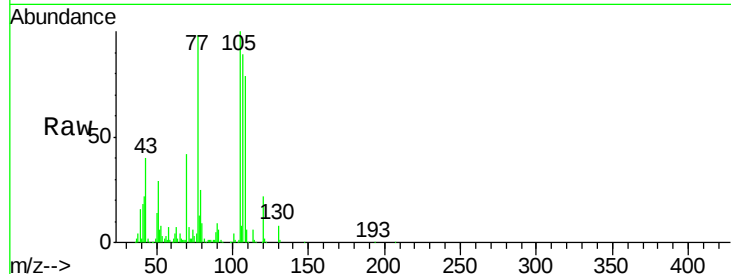
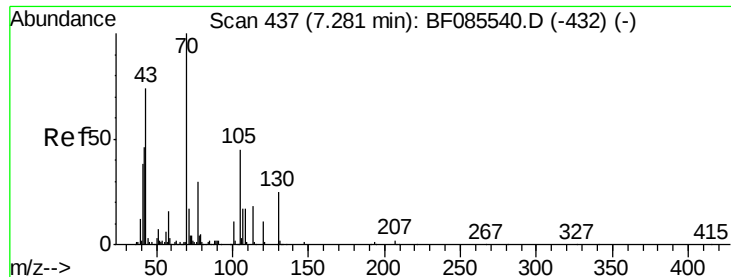
Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

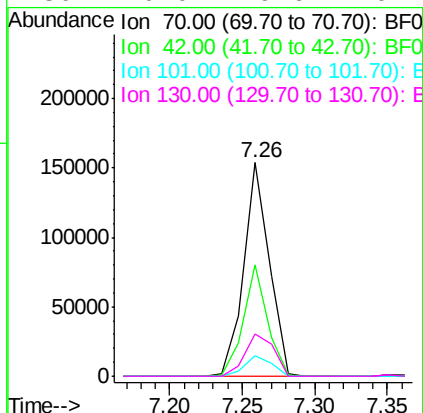




#19
n-Nitroso-di-n-propylamine
Concen: 31.79 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.4	37.1	55.7
101	9.7	8.6	12.8
130	20.0	19.6	29.4

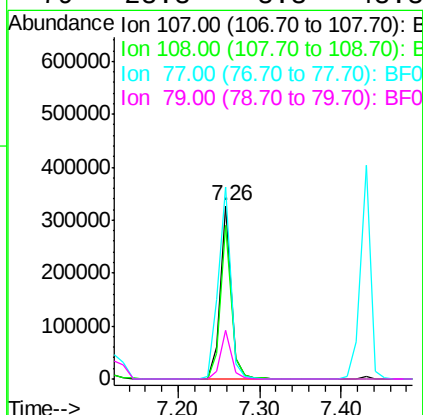


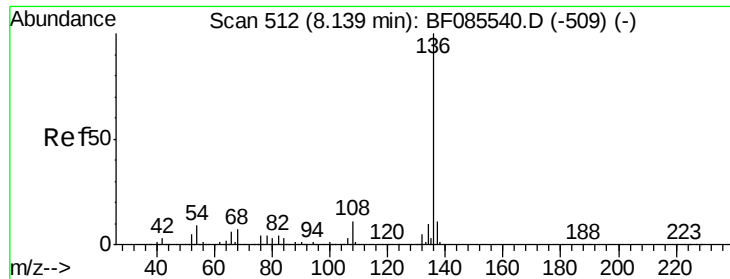
Manual Integrations
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#20
3+4-Methylphenols
Concen: 35.35 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.3	109.3
77	111.1	101.7	141.7
79	28.3	8.3	48.3





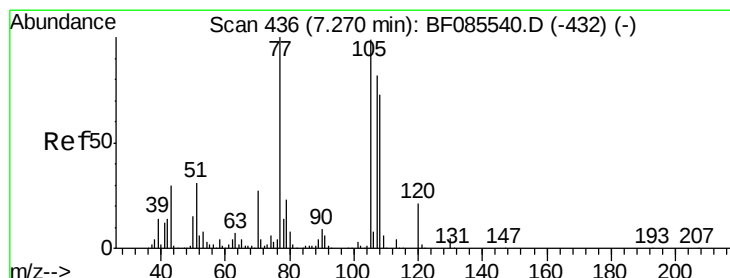
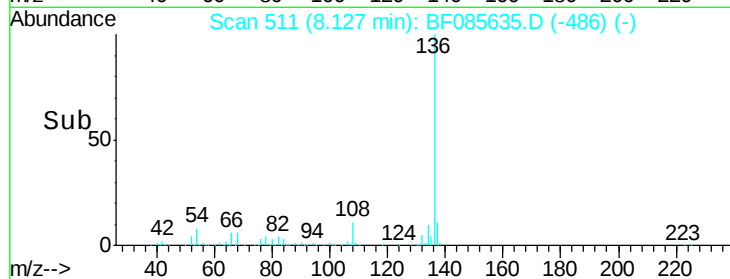
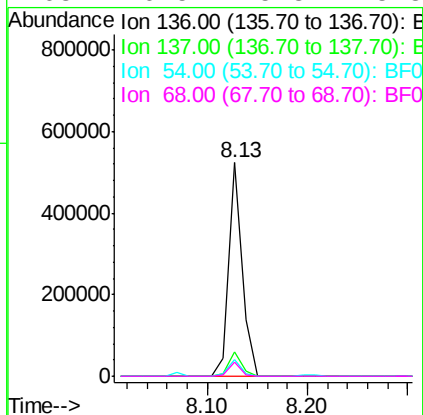
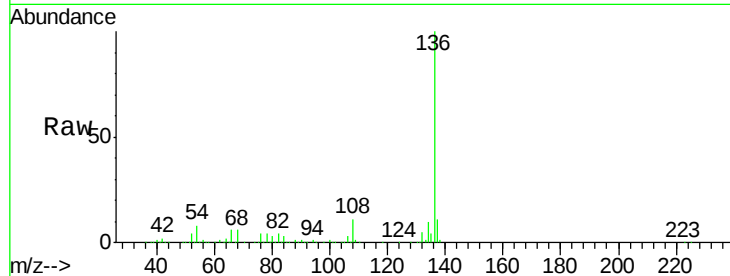
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	488437		
137	11.2	9.1	13.7	
54	7.6	7.4	11.0	
68	6.5	5.8	8.8	

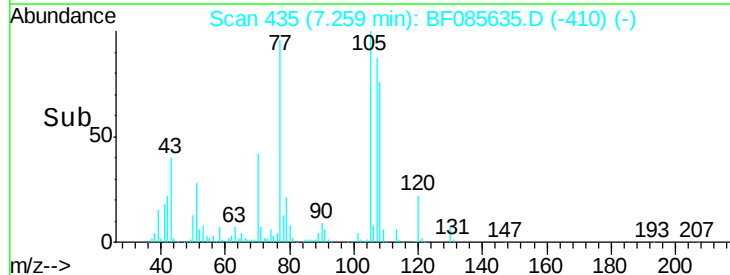
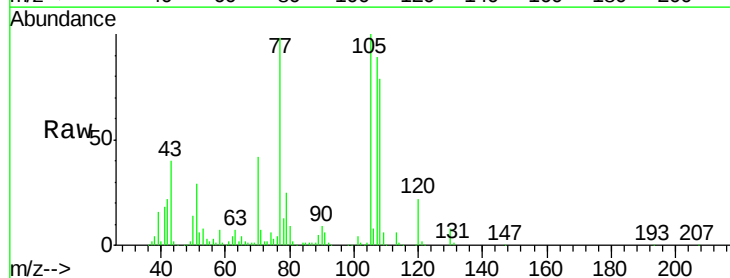
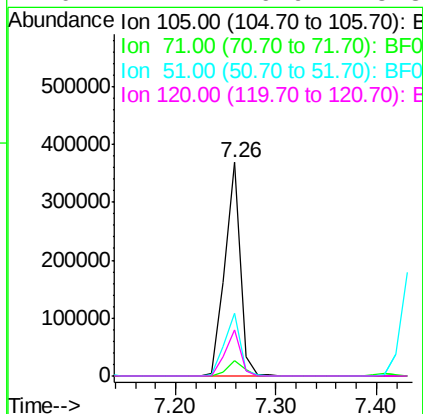
Manual Integrations
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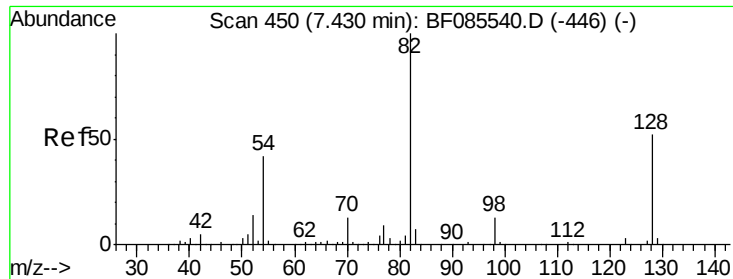
Sohil
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#22
Acetophenone
Concen: 34.02 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	394340		
71	7.1	3.6	5.4#	
51	29.5	25.4	38.0	
120	21.7	16.9	25.3	





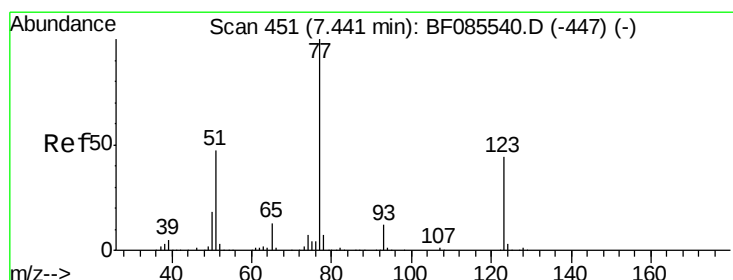
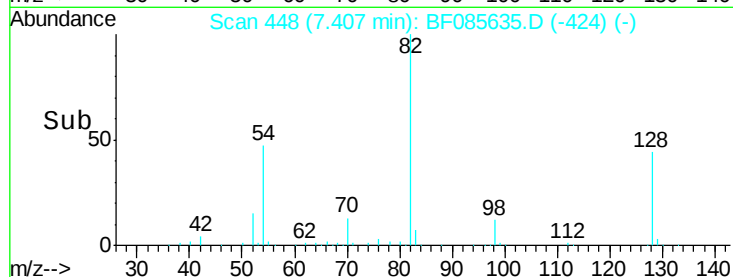
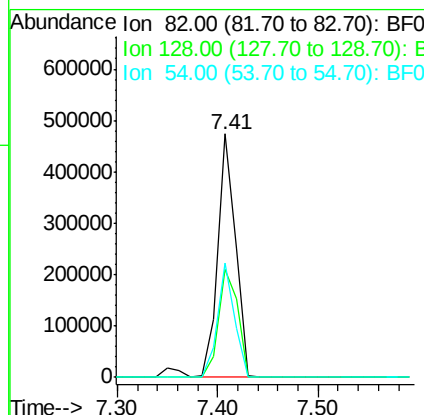
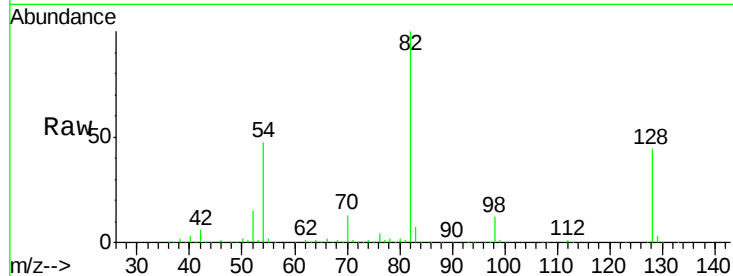
#23
Nitrobenzene-d5
Concen: 69.05 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.4	41.8	62.8
54	47.0	33.4	50.0

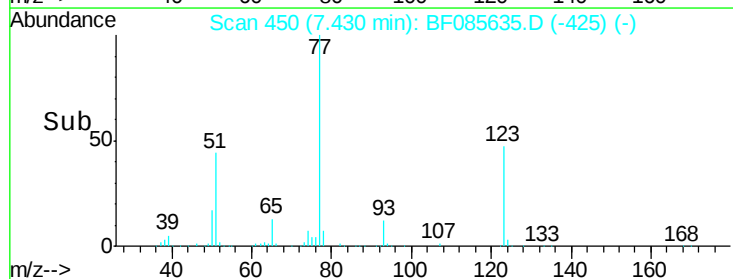
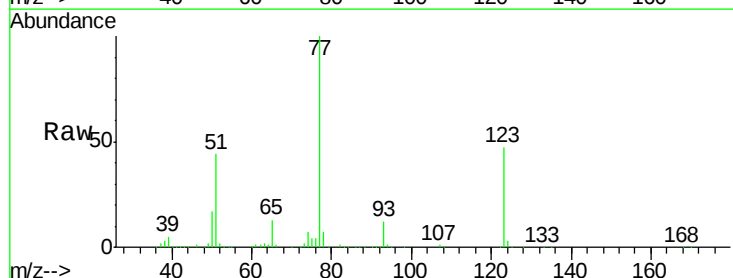
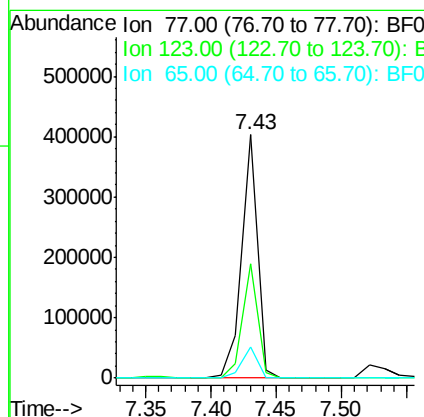
Manual Integrations
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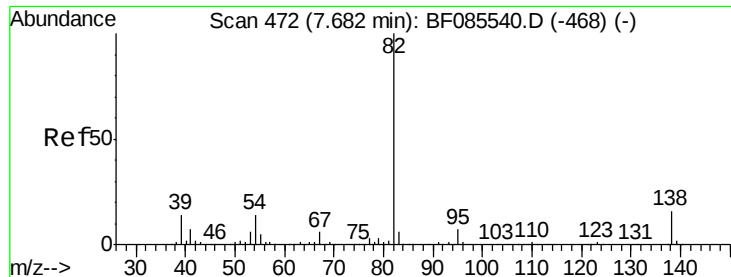
Sohil
3/22/2016 5:33:54 PM



#24
Nitrobenzene
Concen: 36.71 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	47.1	35.0	52.4
65	12.9	10.6	16.0





#25

Isophorone

Concen: 35.70 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

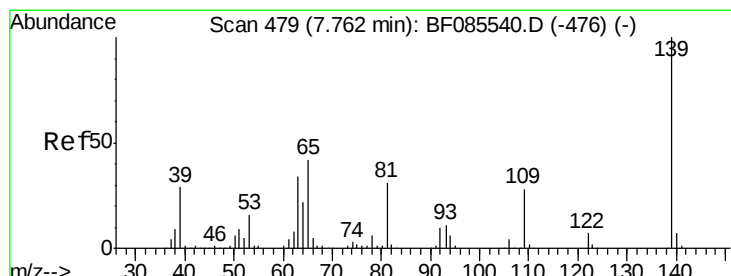
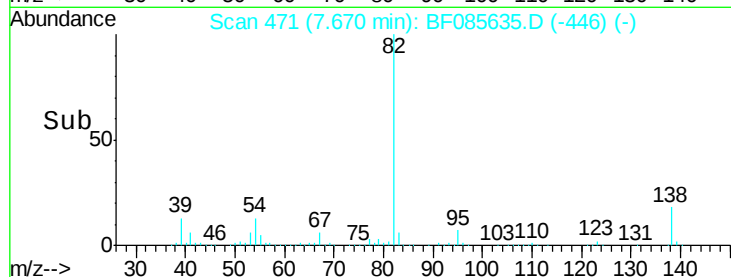
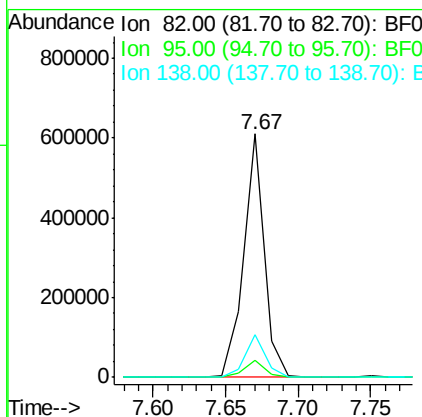
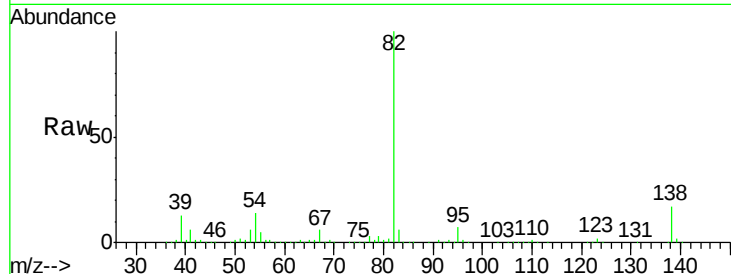
ClientSampleId :

BOTTOM(7)MS

Tgt Ion:	82	Resp:	601471
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.5	12.9	19.3

Manual Integrations
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3/22/2016 5:33:54 PM



#26

2-Nitrophenol

Concen: 37.35 ng

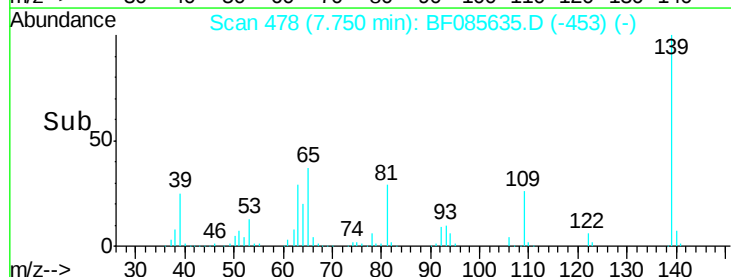
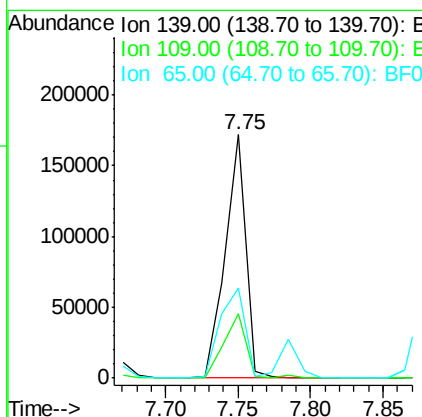
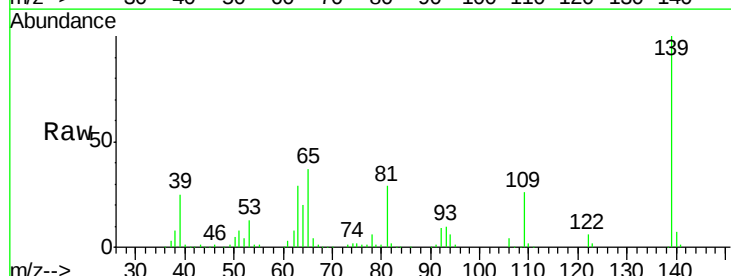
RT: 7.75 min Scan# 478

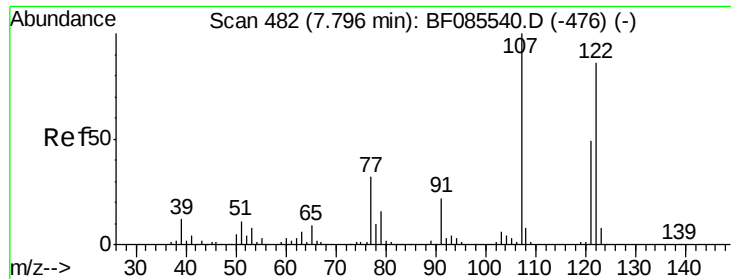
Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion:	139	Resp:	170016
Ion Ratio		Lower	Upper
139	100		
109	26.4	22.1	33.1
65	37.0	33.9	50.9





#27

2,4-Dimethylphenol

Concen: 33.53 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

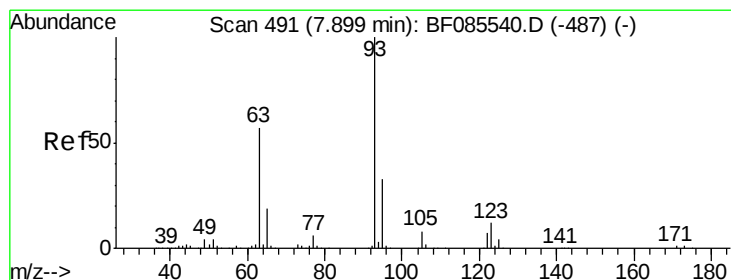
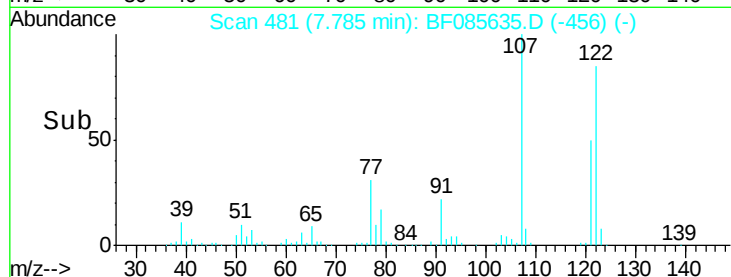
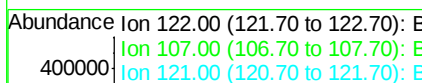
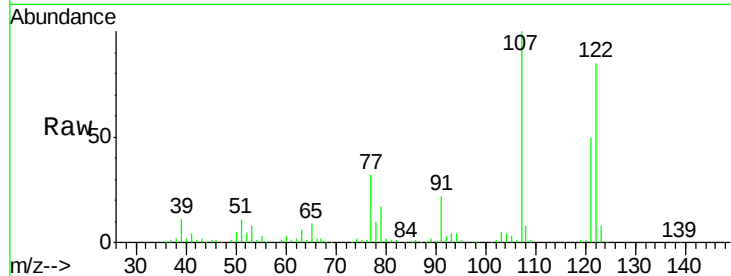
ClientSampleId :

BOTTOM(7)MS

Tgt Ion:	122	Resp:	269905
Ion Ratio	Lower	Upper	
122	100		
107	117.7	93.0	139.6
121	58.7	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 37.84 ng

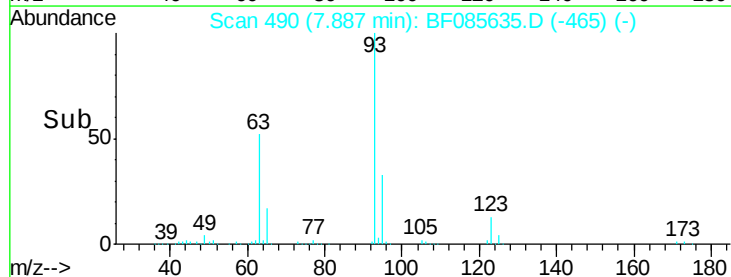
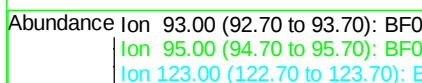
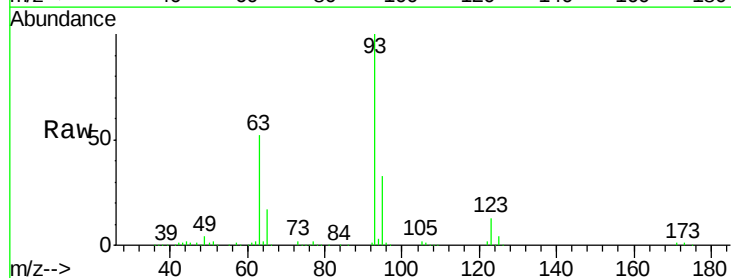
RT: 7.89 min Scan# 490

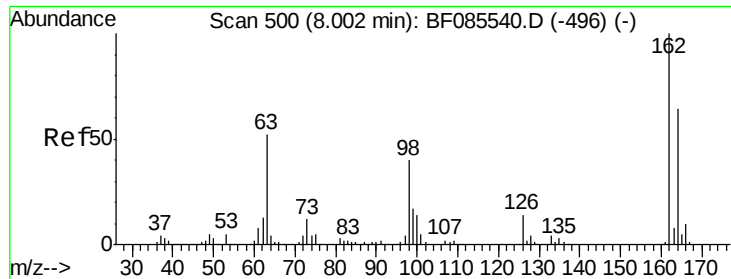
Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion:	93	Resp:	362579
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.4	39.6
123	12.5	9.8	14.6





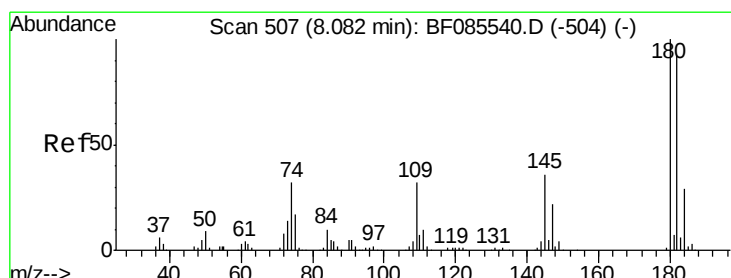
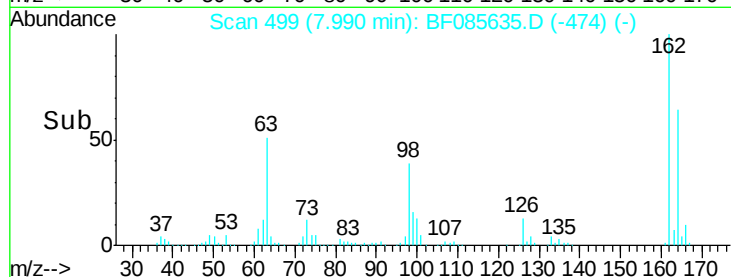
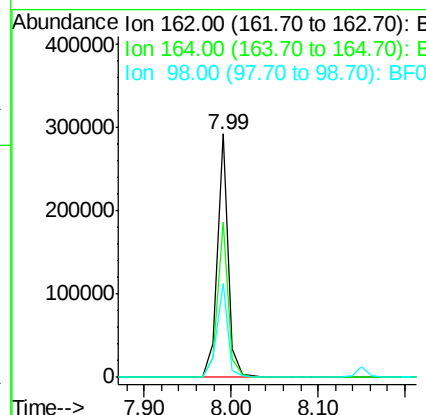
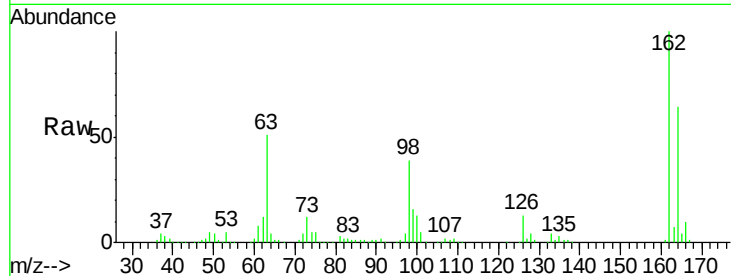
#29
 2,4-Dichlorophenol
 Concen: 38.86 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.8	43.7	83.7
98	38.7	20.4	60.4

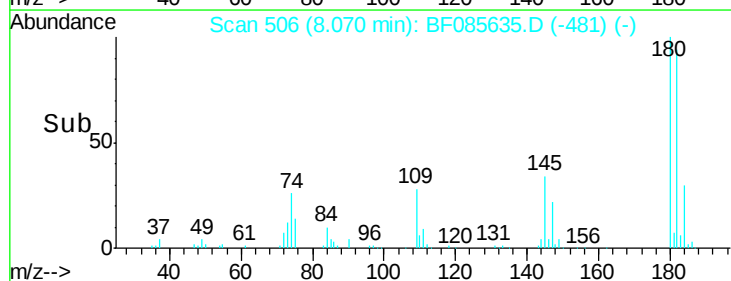
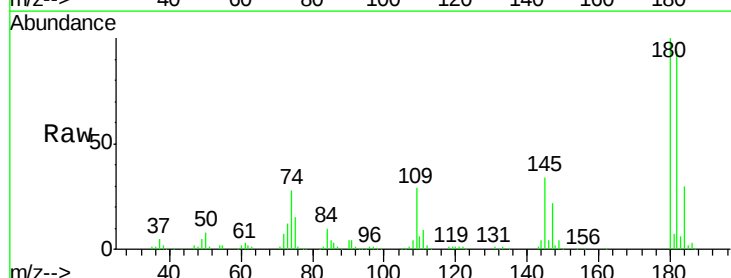
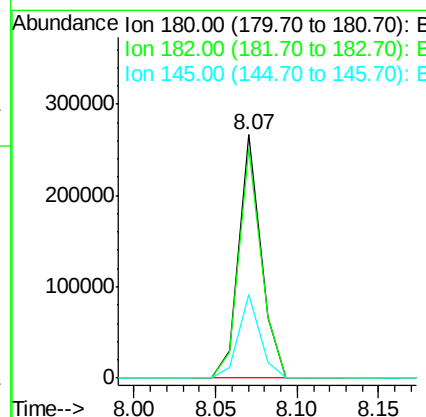
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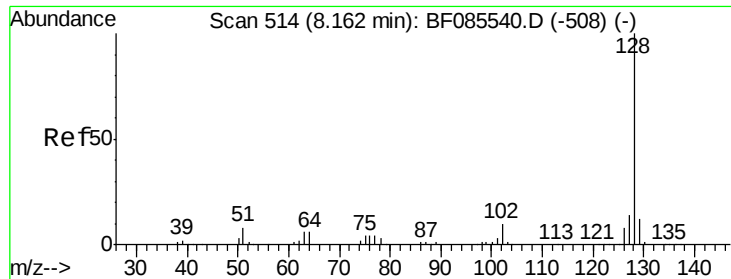
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.45 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	73.8	110.8
145	34.5	28.4	42.6





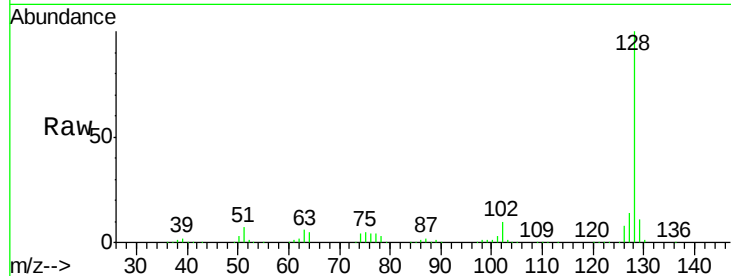
#31
Naphthalene
Concen: 33.68 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

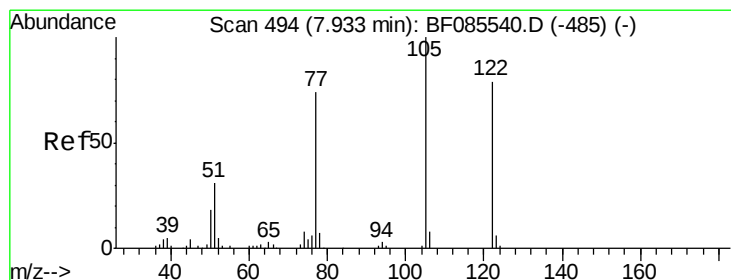
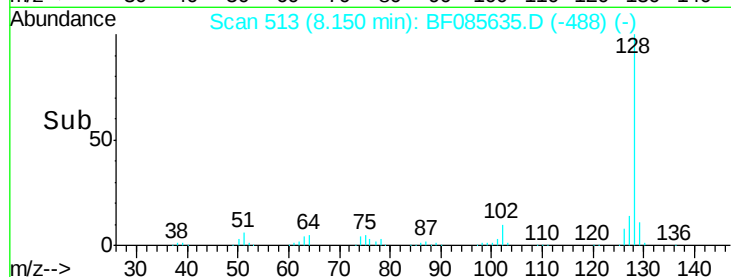
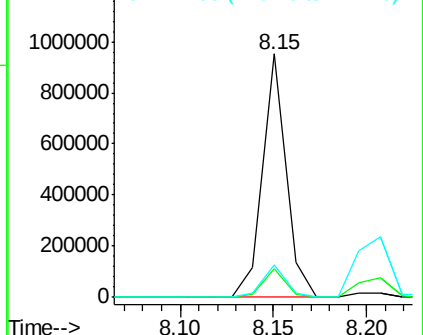
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	830226		
129	11.5	9.4	14.0	
127	13.5	11.0	16.6	

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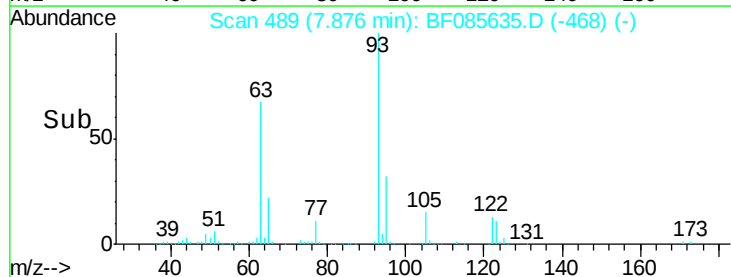
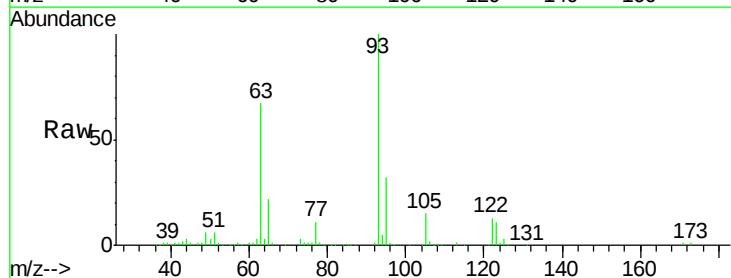
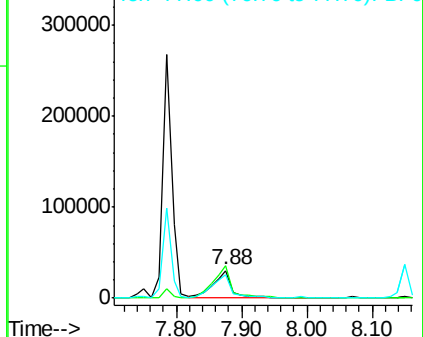
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

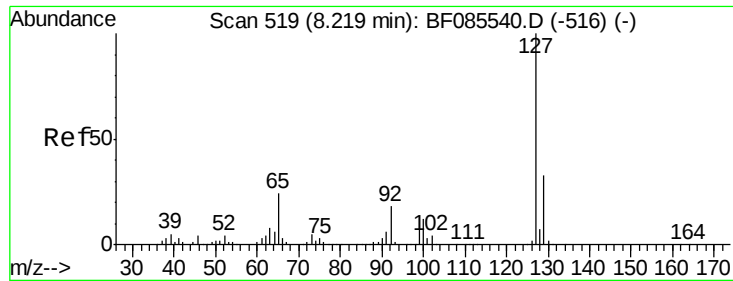


#32
Benzoic acid
Concen: 9.35 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.06 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	62957		
105	115.5	102.9	142.9	
77	87.1	71.8	111.8	

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





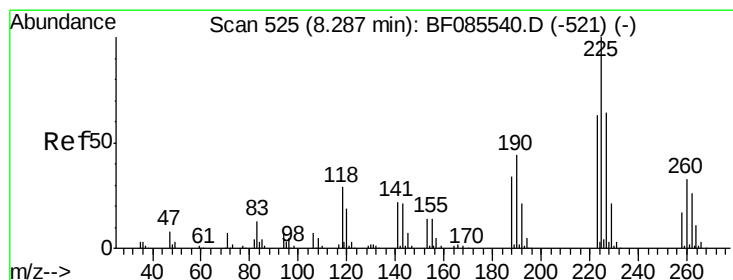
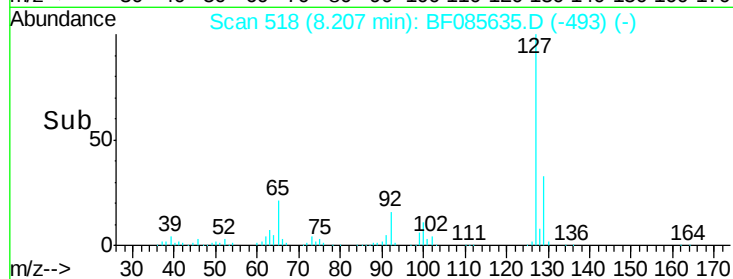
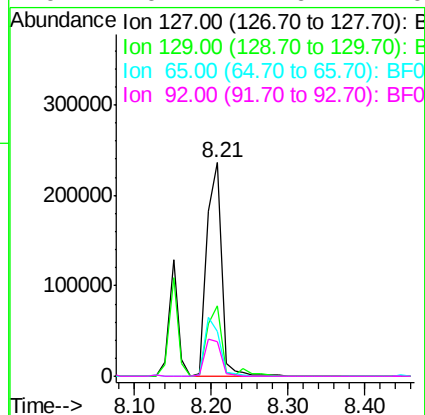
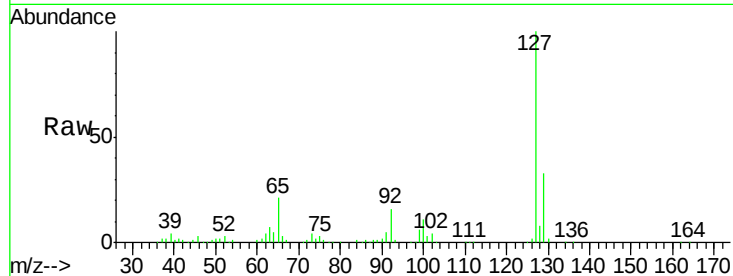
#33
4-Chloroaniline
Concen: 30.72 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	310466		
129	33.1	26.1	39.1	
65	21.1	19.5	29.3	
92	16.4	14.6	22.0	

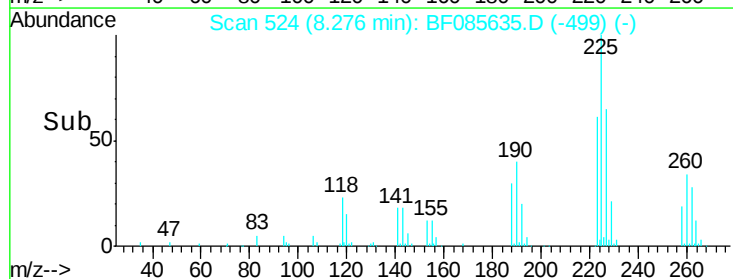
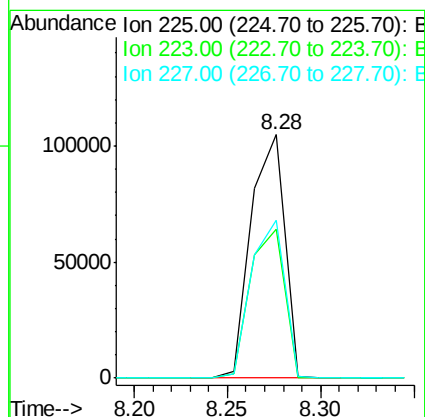
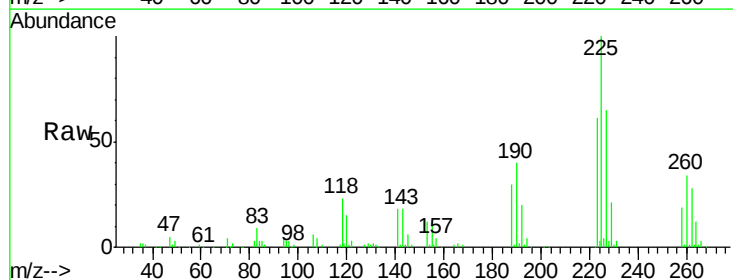
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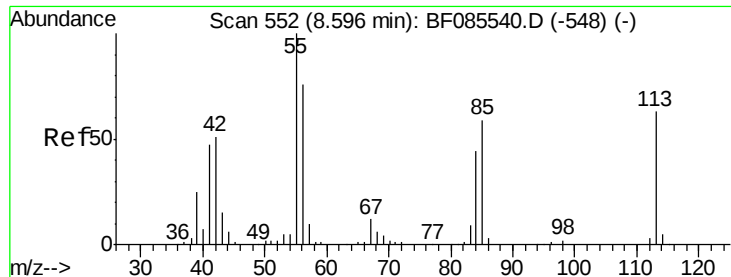
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#34
Hexachlorobutadiene
Concen: 32.88 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130487		
223	61.1	50.4	75.6	
227	65.0	51.4	77.2	





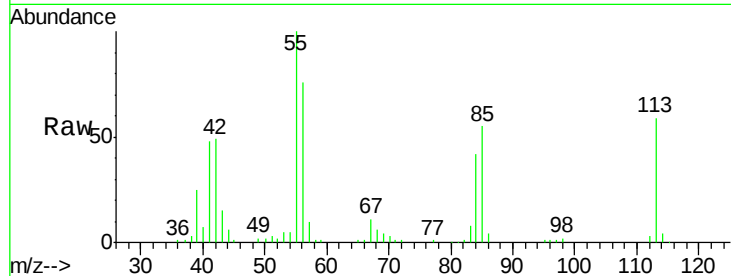
#35
 Caprolactam
 Concen: 36.55 ng
 RT: 8.56 min Scan# 549
 Delta R.T. -0.03 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

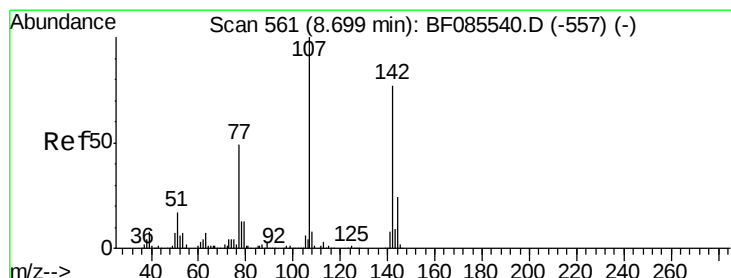
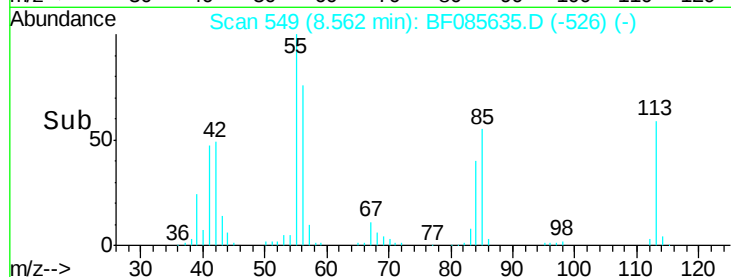
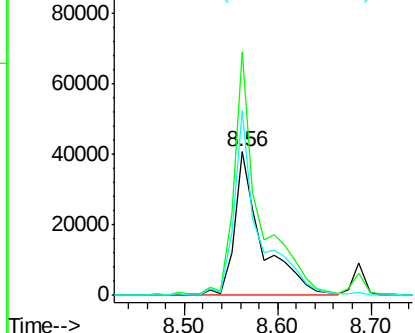
Tgt Ion:113 Resp: 83592
 Ion Ratio Lower Upper
 113 100
 55 170.0 139.4 179.4
 56 128.6 100.4 140.4

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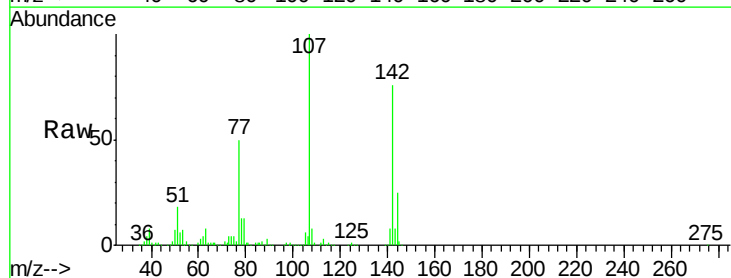


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

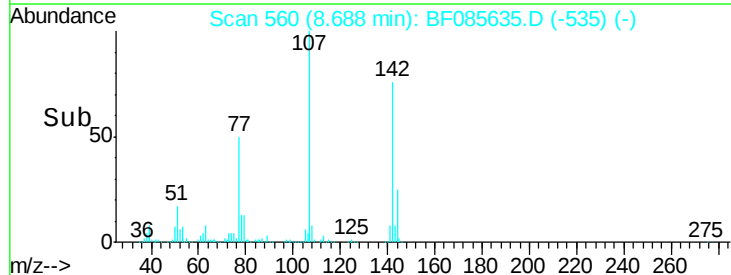
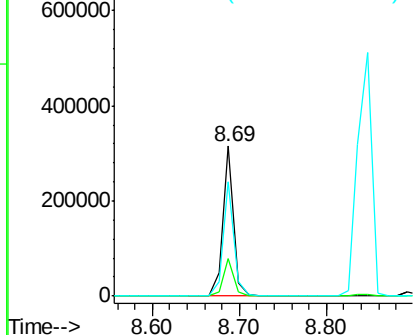


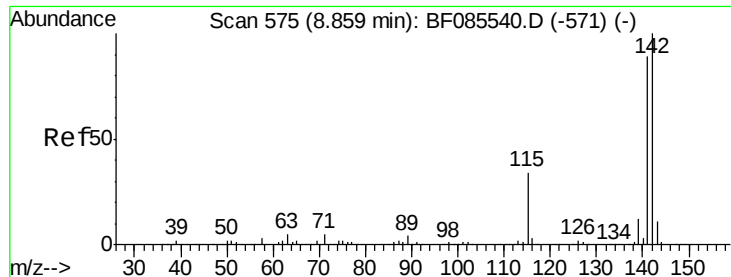
#36
 4-Chloro-3-methylphenol
 Concen: 35.59 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion:107 Resp: 276282
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.3 28.9
 142 76.5 61.4 92.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





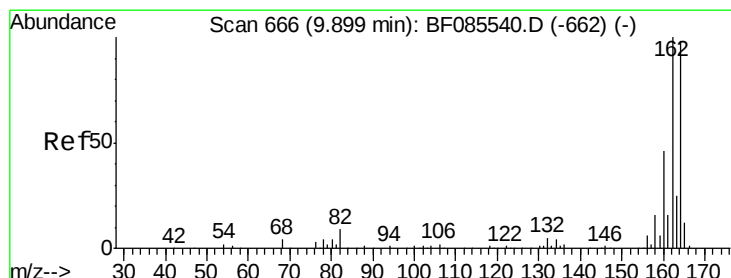
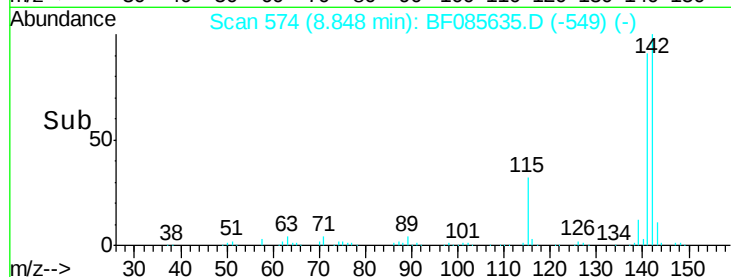
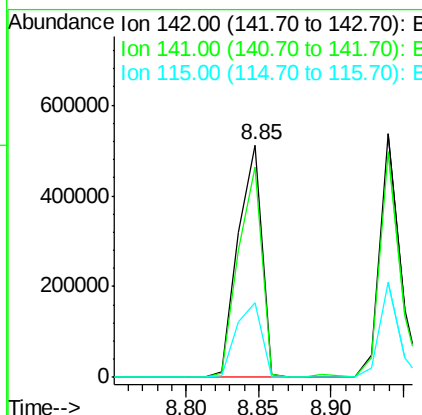
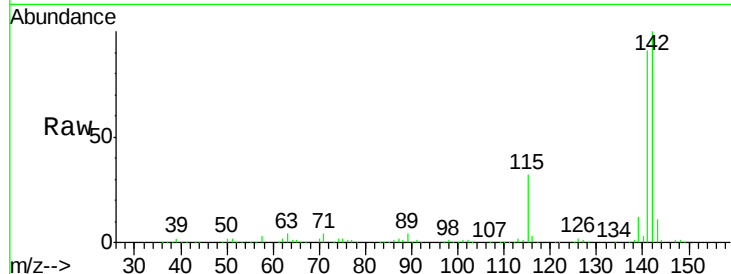
#37
 2-Methylnaphthalene
 Concen: 38.87 ng
 RT: 8.85 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	584191		
141	90.6	71.6	107.4	
115	32.3	26.8	40.2	

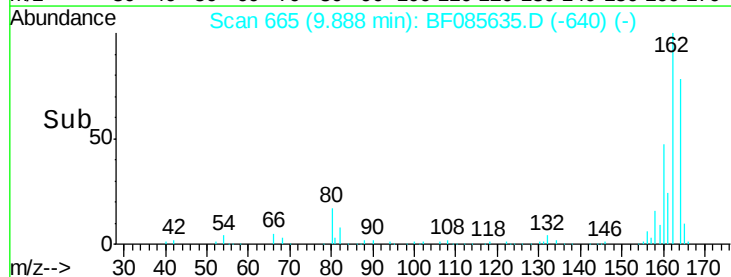
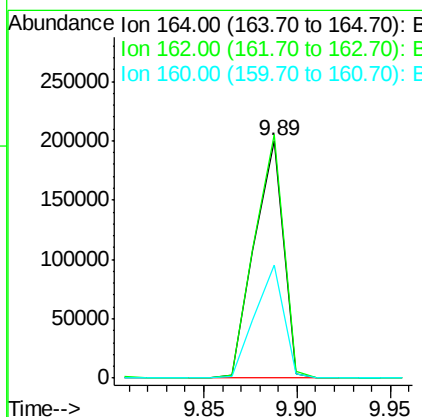
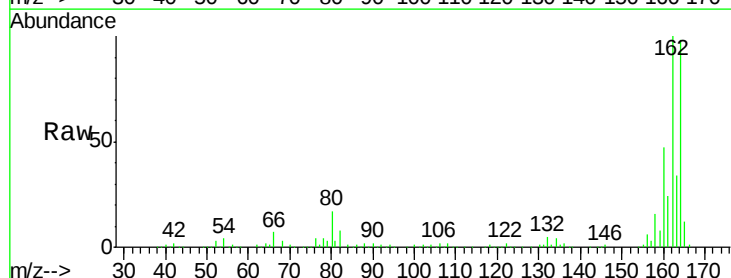
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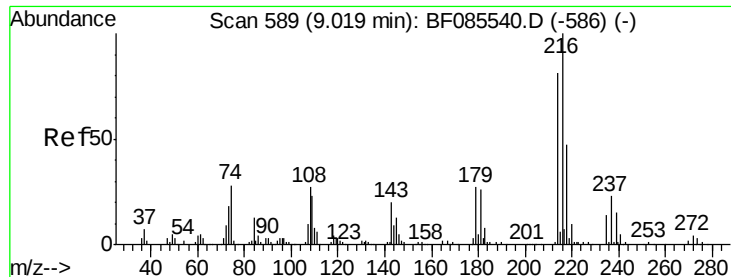
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	215111		
162	102.5	82.1	123.1	
160	47.8	37.4	56.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.31 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

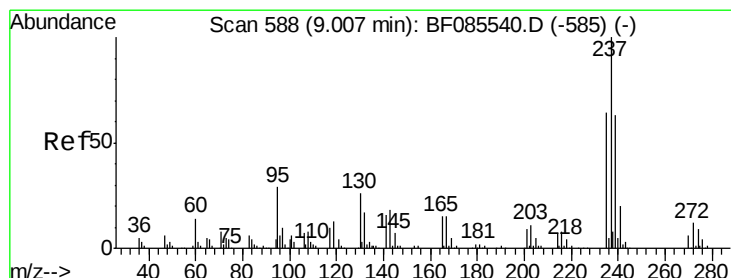
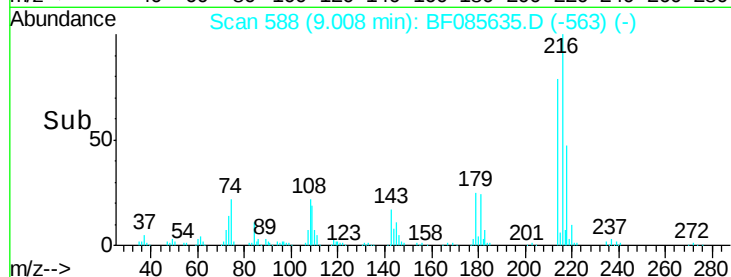
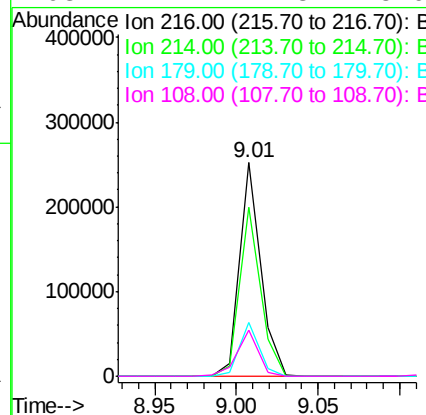
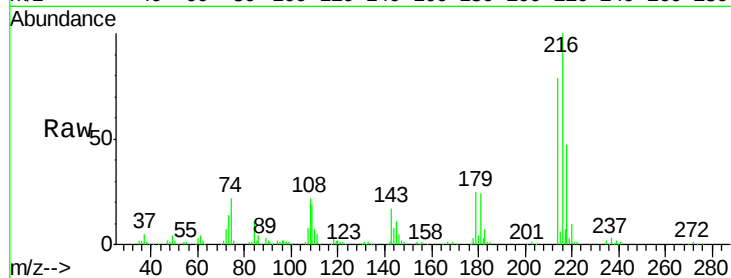
ClientSampleId :

BOTTOM(7)MS

Tgt Ion:	216	Resp:	223902
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.1	94.7
179	23.5	18.2	27.2
108	22.2	17.3	25.9

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#40

Hexachlorocyclopentadiene

Concen: 33.85 ng

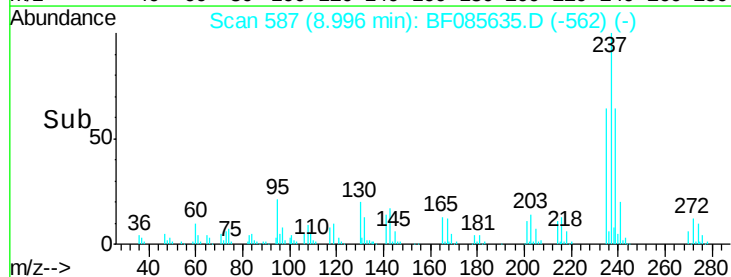
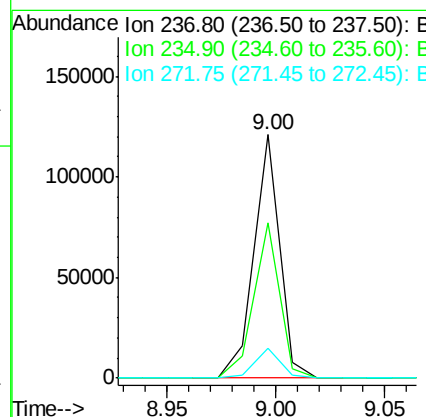
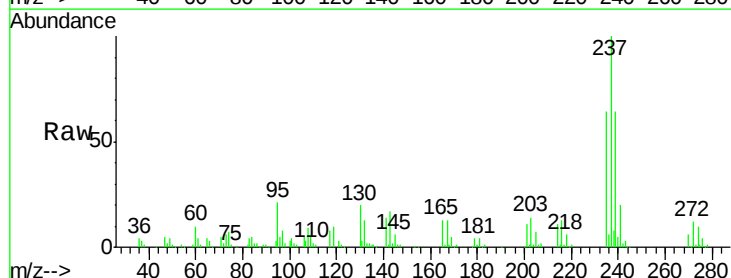
RT: 9.00 min Scan# 587

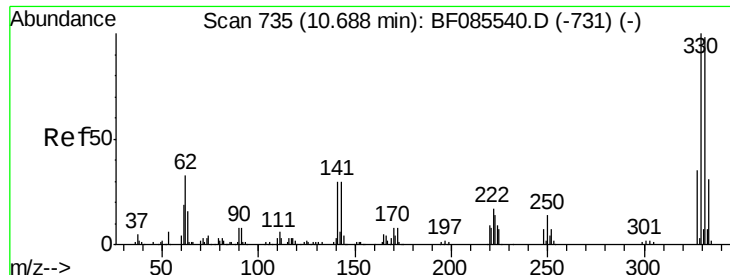
Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion:	237	Resp:	99536
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.7	83.7
272	12.0	0.0	31.9





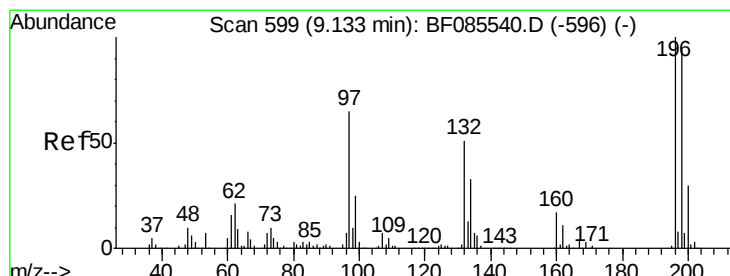
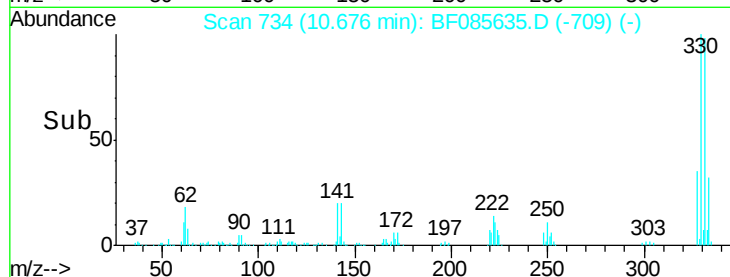
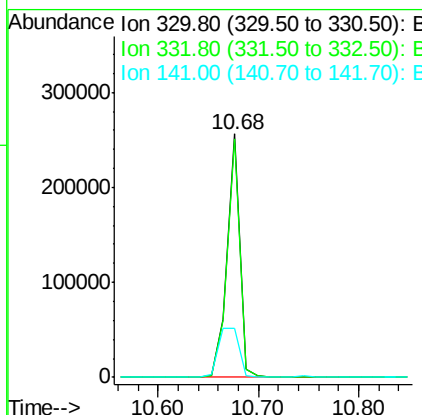
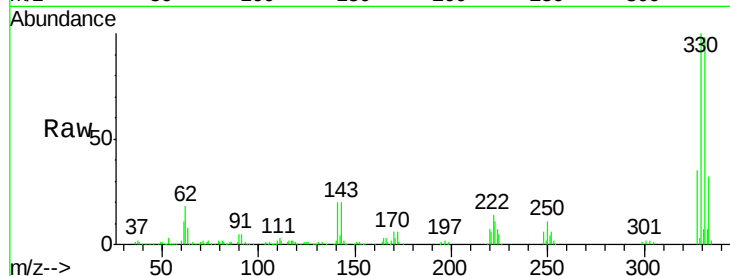
#41
 2,4,6-Tribromophenol
 Concen: 107.74 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	227029		
332	97.7	78.2	117.2	
141	32.5	31.5	47.3	

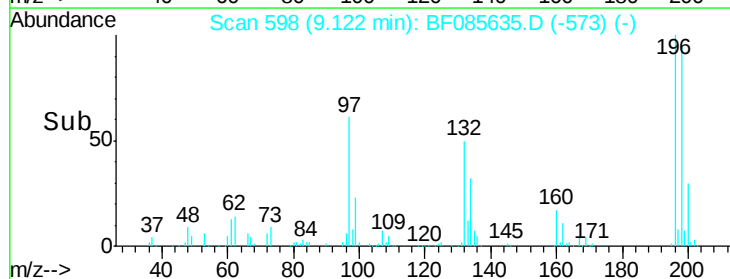
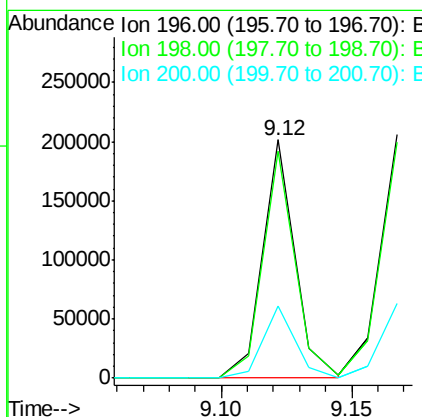
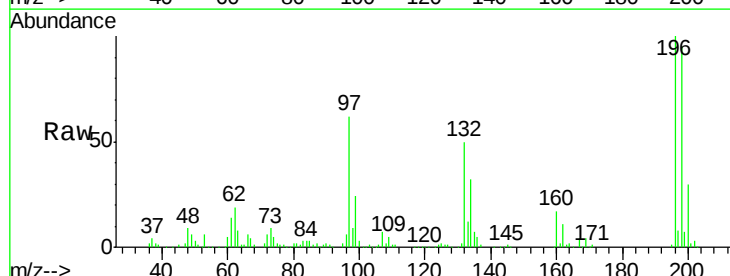
Manual Integrations
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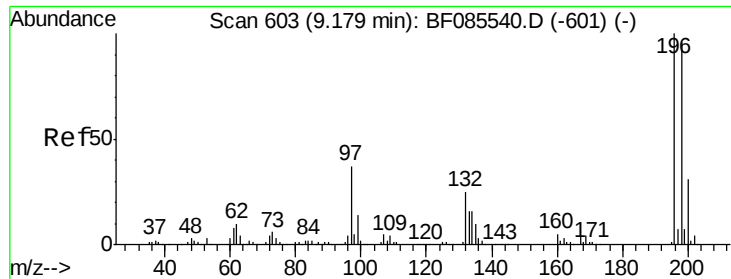
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#42
 2,4,6-Trichlorophenol
 Concen: 38.35 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171289		
198	95.3	75.3	112.9	
200	30.3	23.7	35.5	





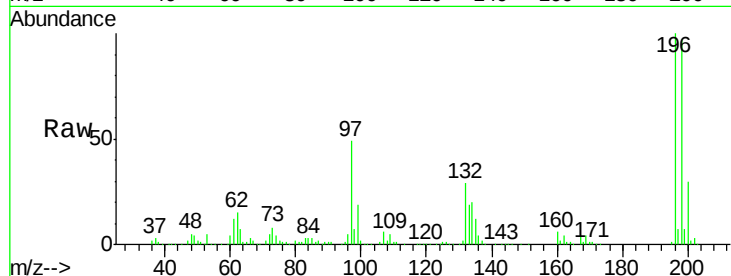
#43
 2,4,5-Trichlorophenol
 Concen: 39.46 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179398		
198	96.9	76.6	114.8	
97	49.0	30.5	45.7	
132	29.4	20.2	30.2	

Manual Integrations
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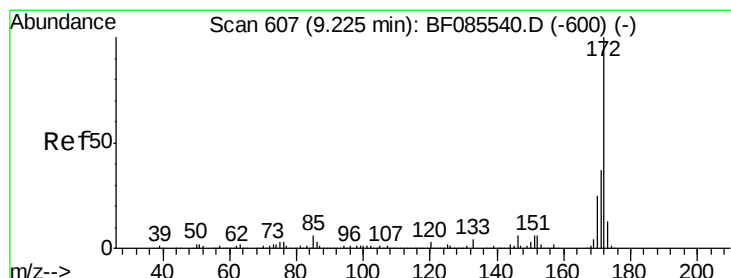
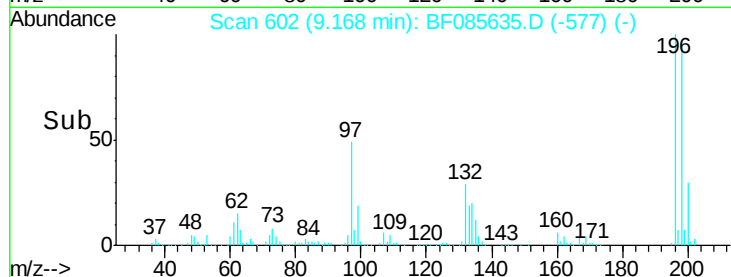
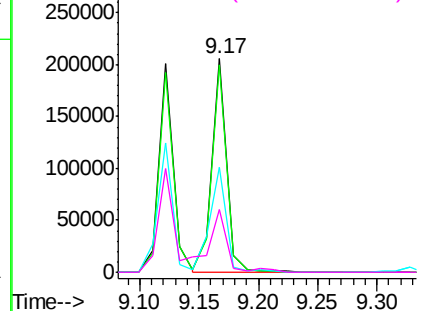
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.35 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

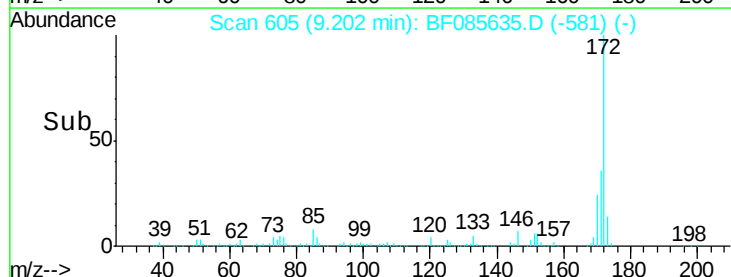
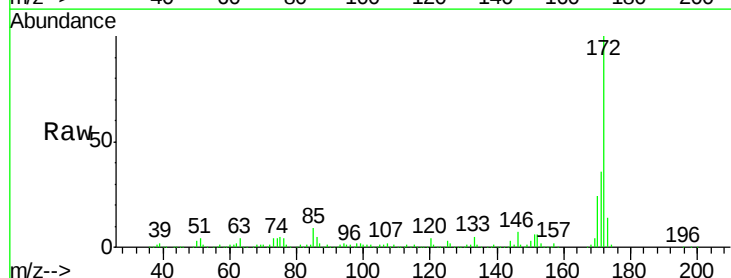
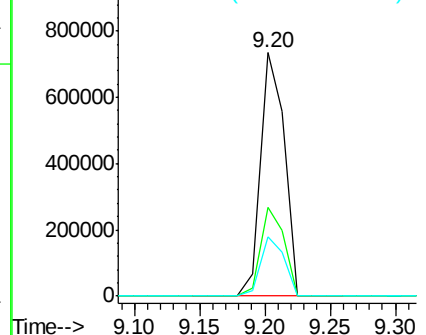
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	936810		
171	36.2	29.4	44.2	
170	24.2	19.8	29.6	

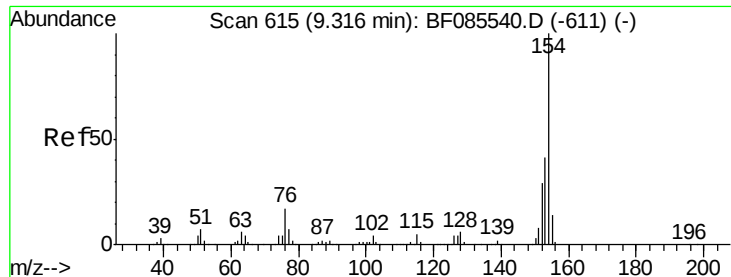
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





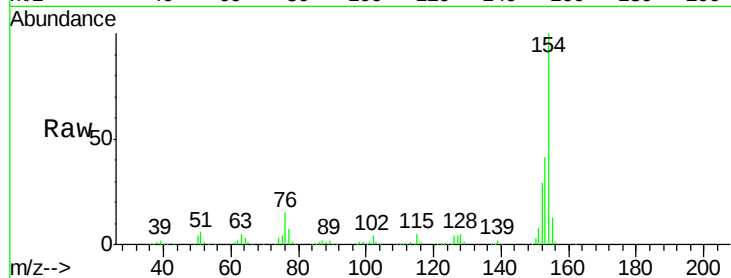
#45
 1,1'-Biphenyl
 Concen: 33.72 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

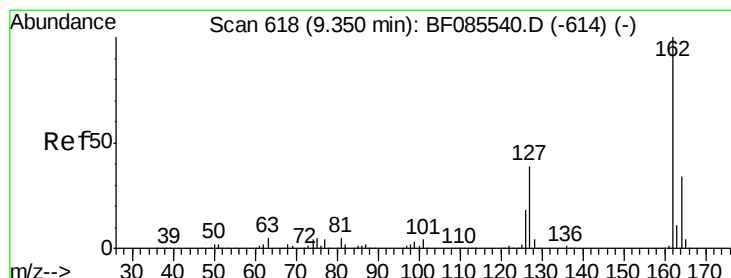
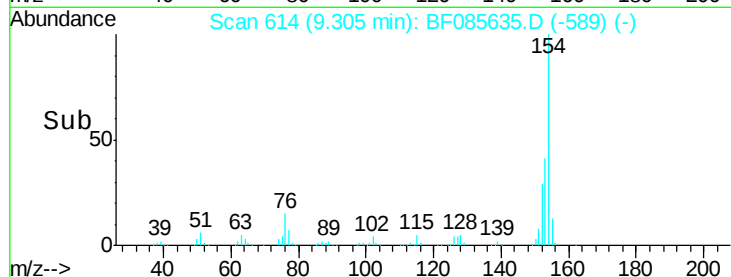
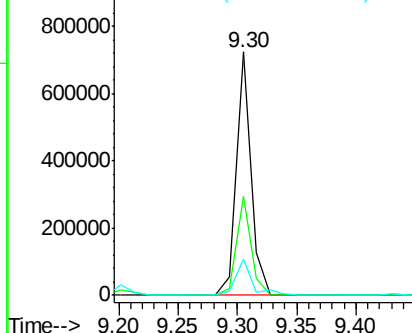
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.8	20.8	60.8
76	14.7	0.0	36.7

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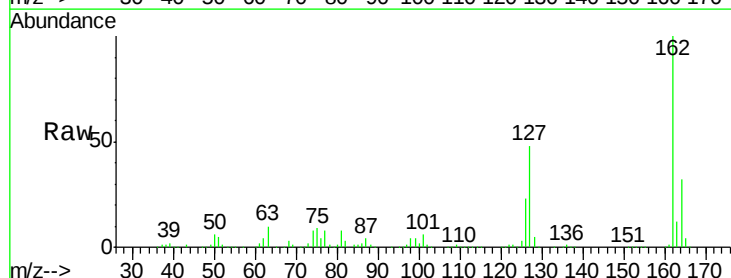


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

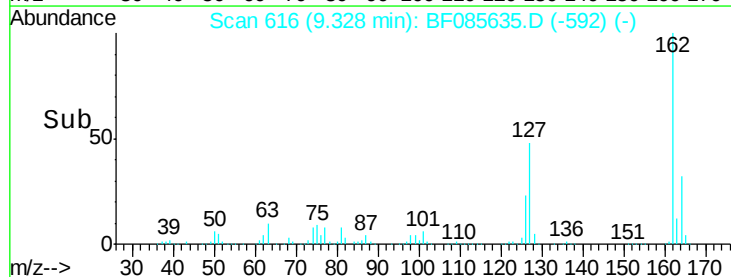
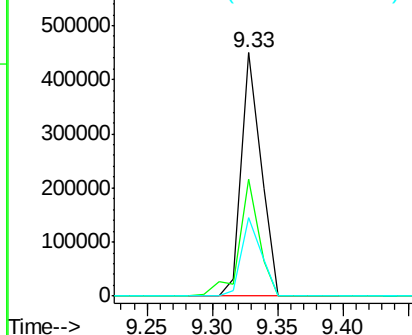


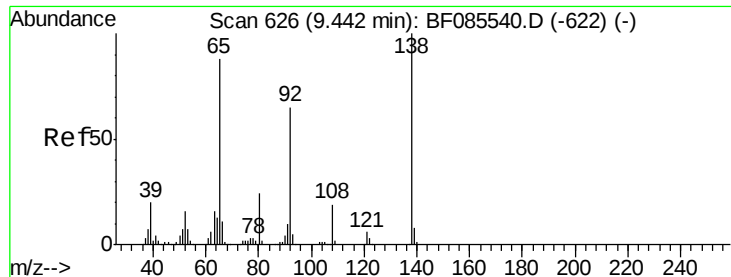
#46
 2-Chloronaphthalene
 Concen: 34.58 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	48.2	31.7	47.5#
164	32.1	27.3	40.9



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





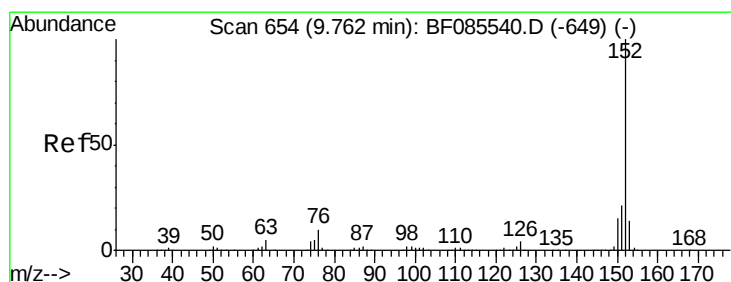
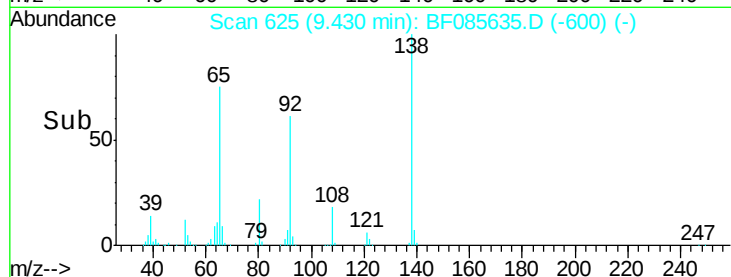
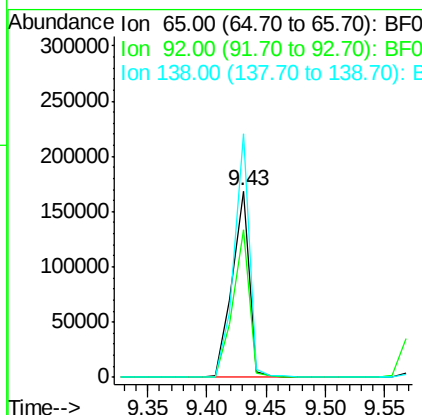
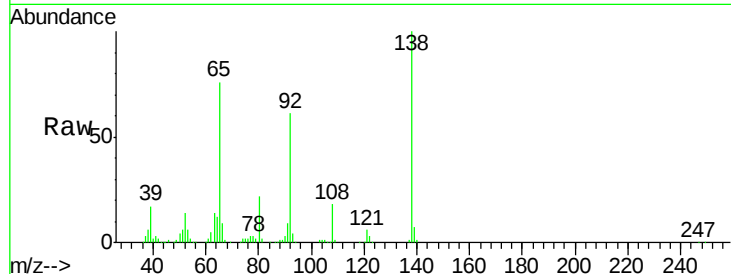
#47
2-Nitroaniline
Concen: 41.48 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.6	59.7	89.5
138	130.8	91.4	137.0

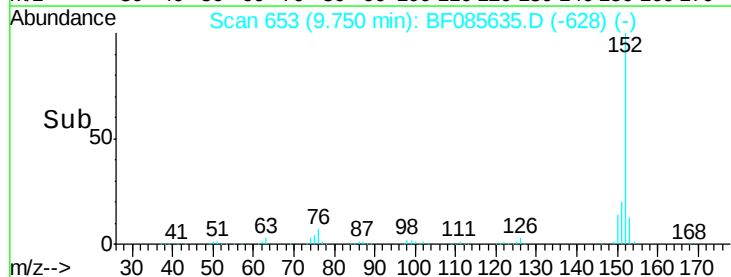
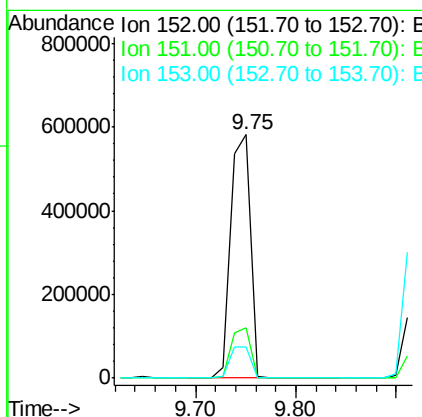
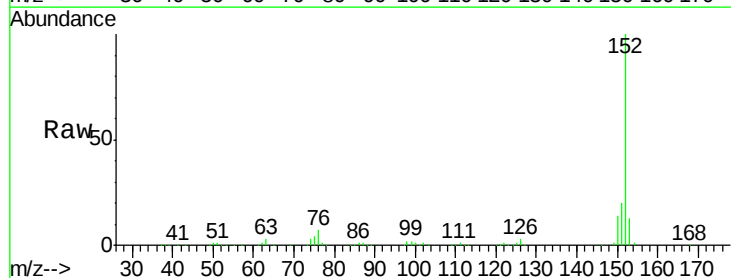
Manual Integrations
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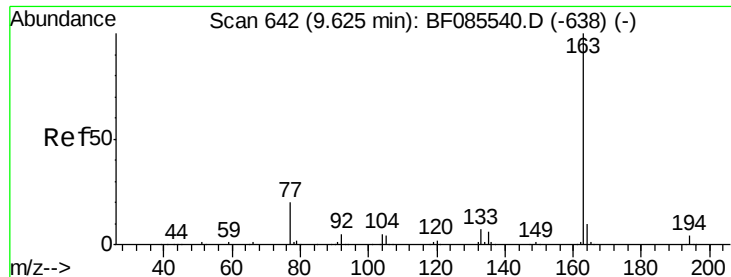
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#48
Acenaphthylene
Concen: 35.97 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	12.8	10.9	16.3





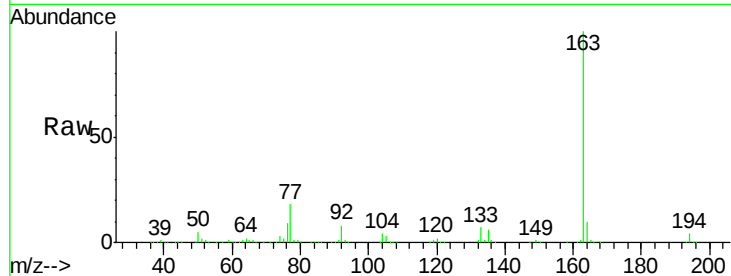
#49
Dimethylphthalate
Concen: 53.53 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

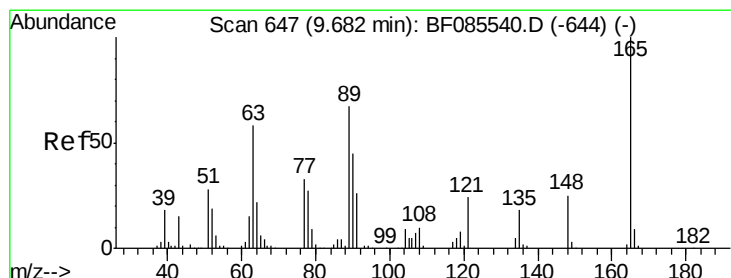
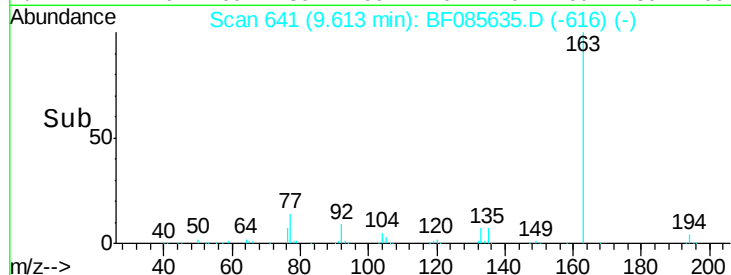
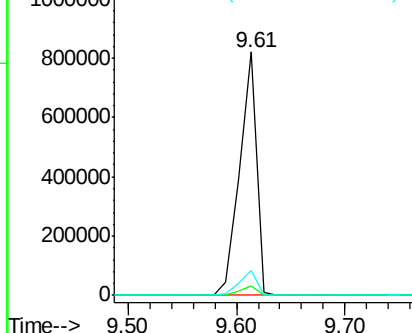
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.9	4.3
164	10.2	8.3	12.5

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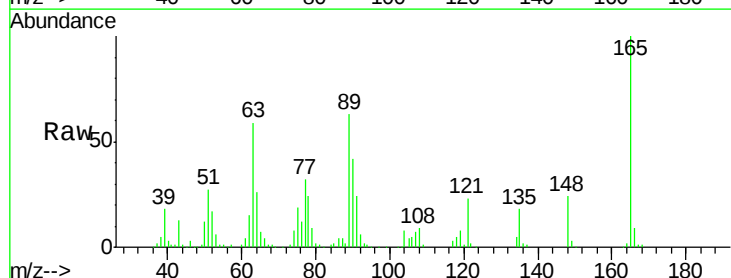


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

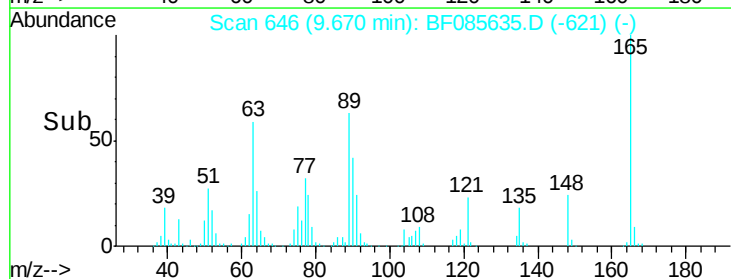
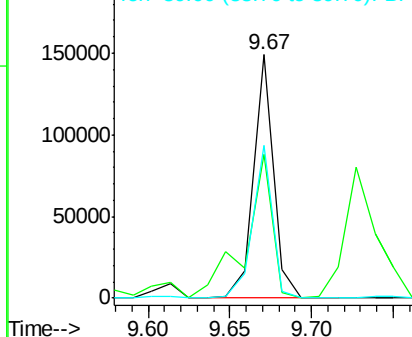


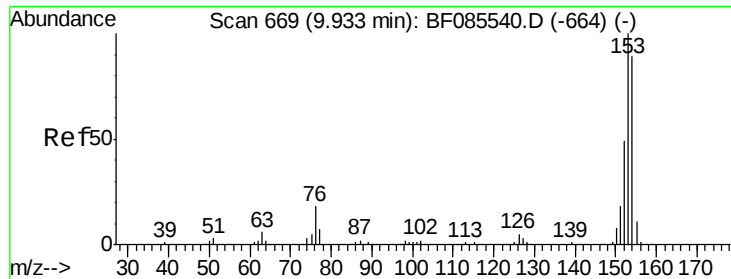
#50
2,6-Dinitrotoluene
Concen: 36.94 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	59.0	51.8	77.8
89	62.7	53.7	80.5



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: 35.91 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

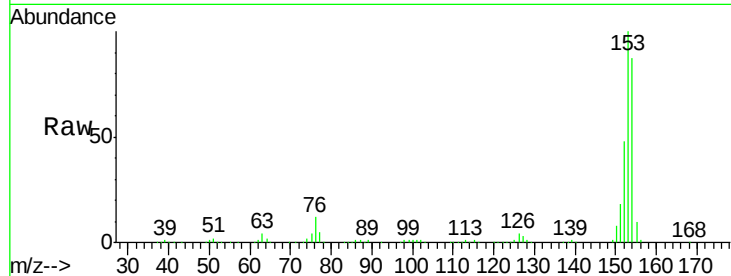
ClientSampleId :

BOTTOM(7)MS

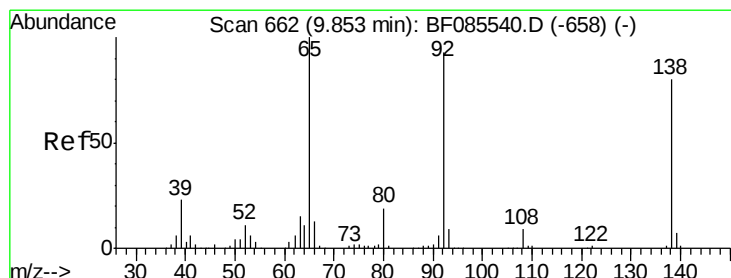
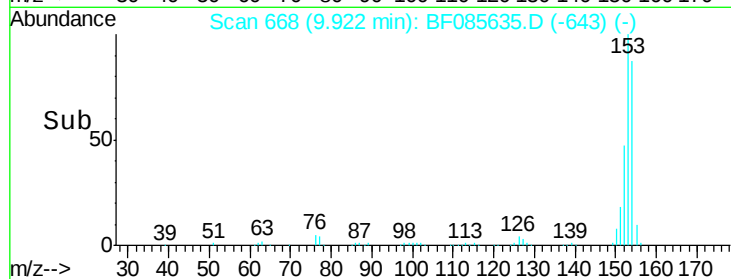
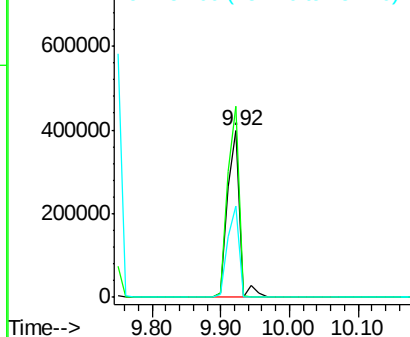
Tgt Ion:	154	Resp:	494269
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.1	135.1
152	54.5	44.2	66.2

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



#52

3-Nitroaniline

Concen: 33.80 ng

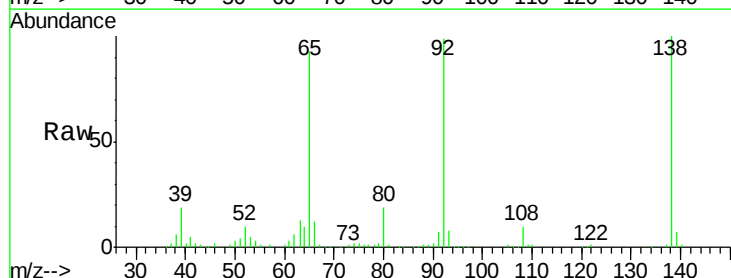
RT: 9.84 min Scan# 661

Delta R.T. -0.01 min

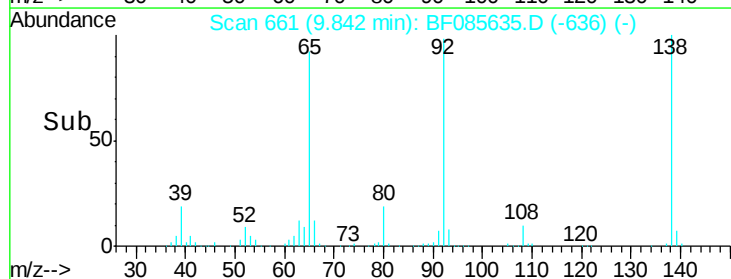
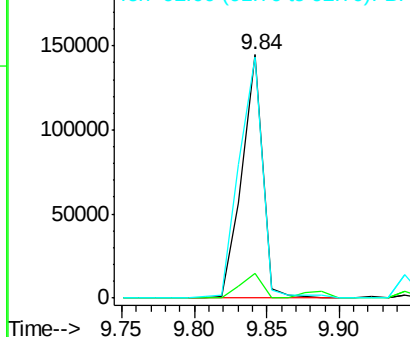
Lab File: BF085635.D

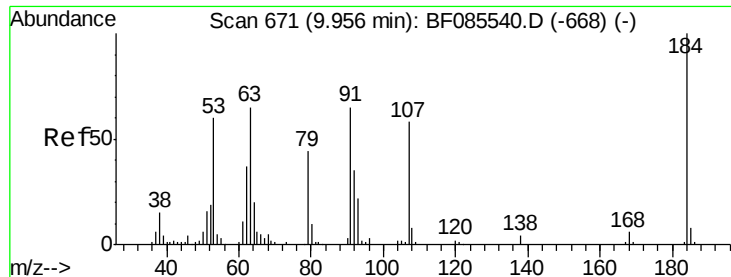
Acq: 21 Mar 2016 21:22

Tgt Ion:	138	Resp:	145076
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.7	13.1
92	98.9	93.3	139.9



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





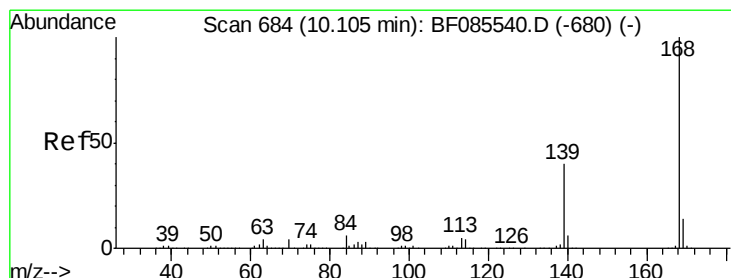
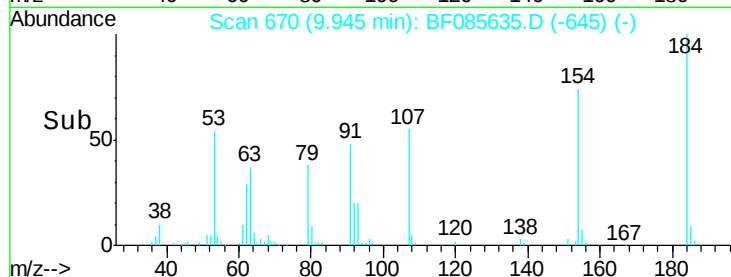
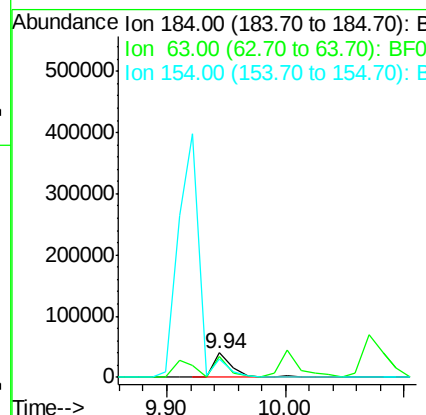
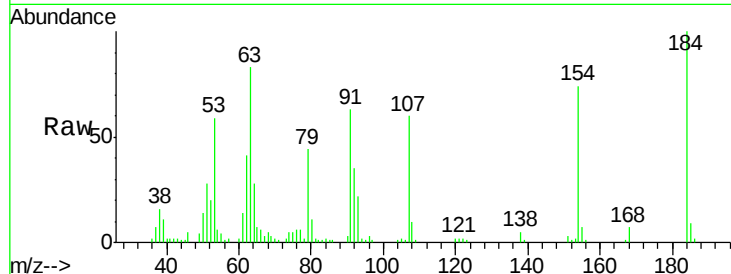
#53
2,4-Dinitrophenol
Concen: 21.16 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	44417		
63	83.0	69.5	104.3	
154	73.7	58.3	87.5	

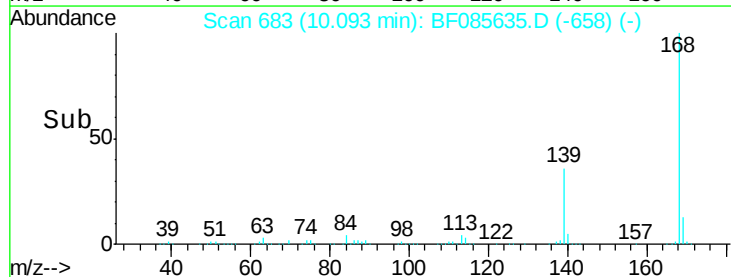
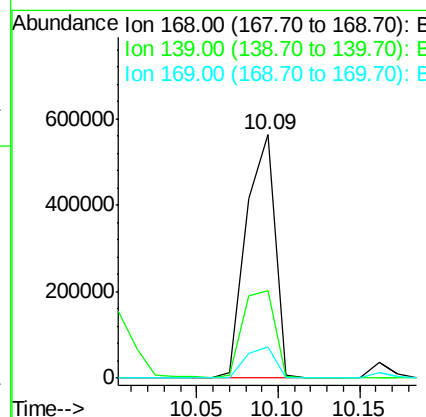
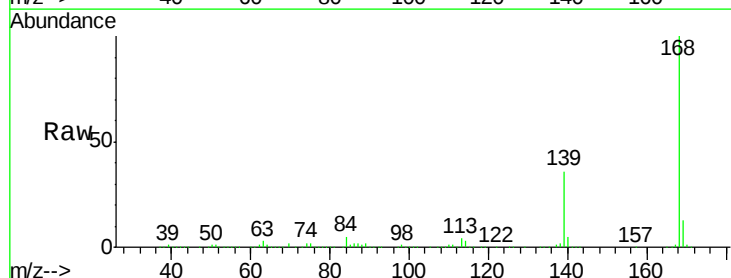
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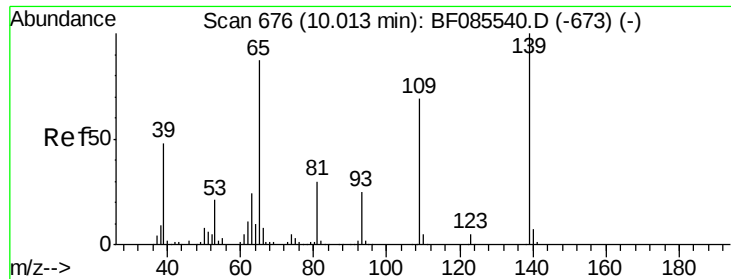
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#54
Dibenzofuran
Concen: 40.85 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	684736		
139	36.0	31.9	47.9	
169	12.9	11.0	16.6	





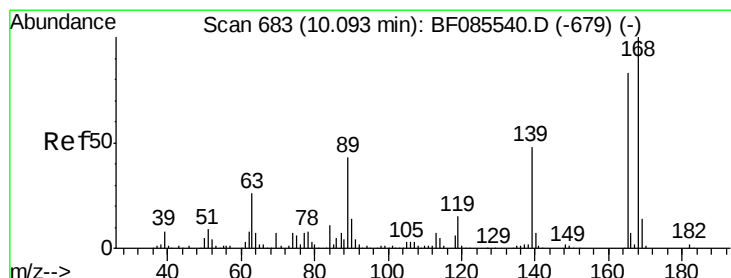
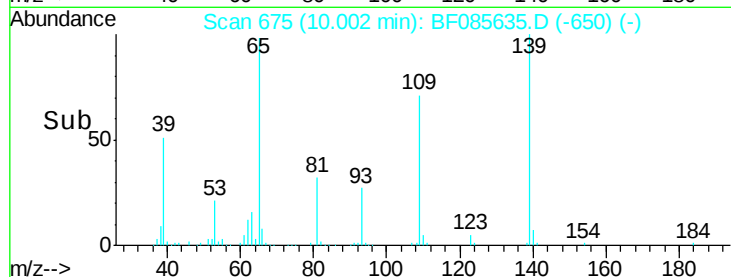
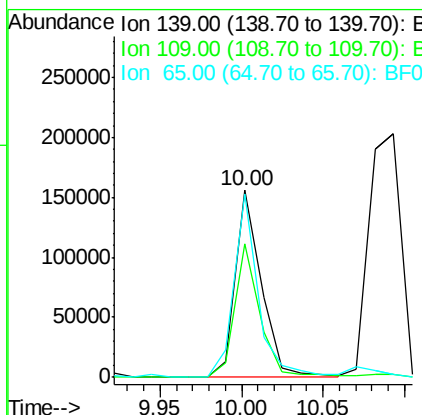
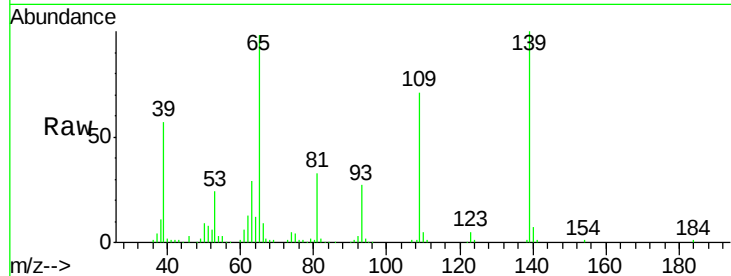
#55
4-Nitrophenol
Concen: 51.75 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	171665		
109	71.5	49.2	89.2	
65	98.3	66.9	106.9	

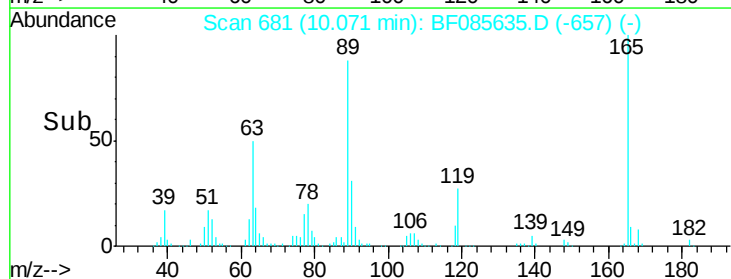
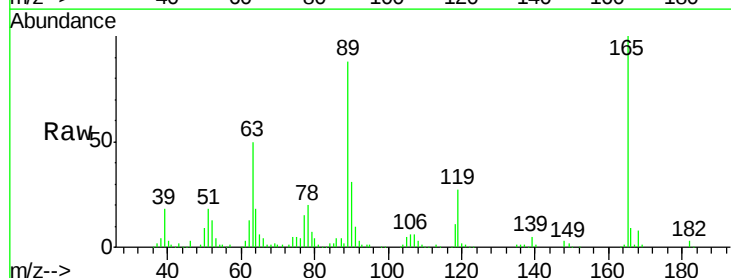
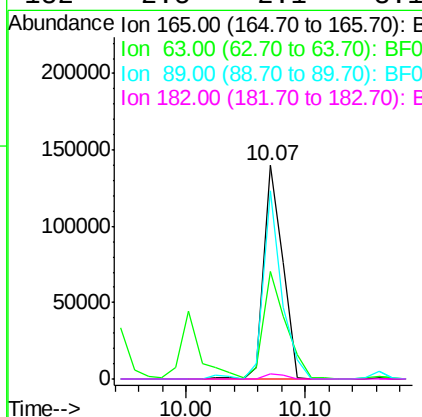
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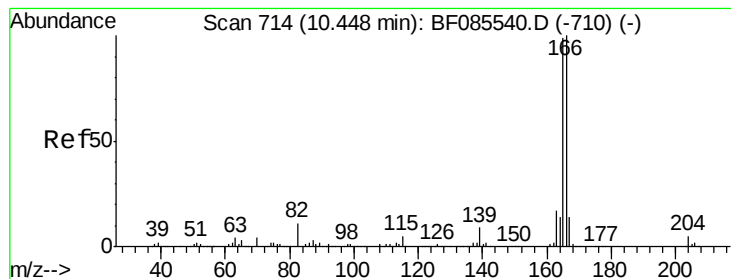
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#56
2,4-Dinitrotoluene
Concen: 34.63 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155394		
63	50.2	24.9	37.3#	
89	88.4	41.0	61.6#	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 35.86 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

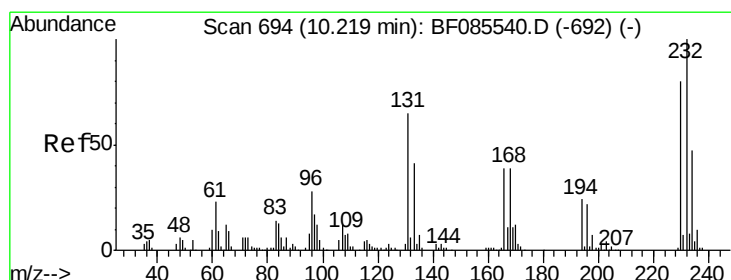
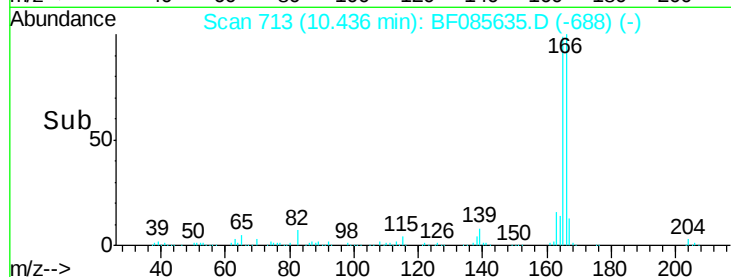
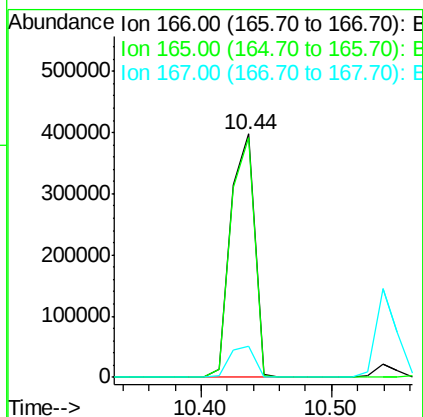
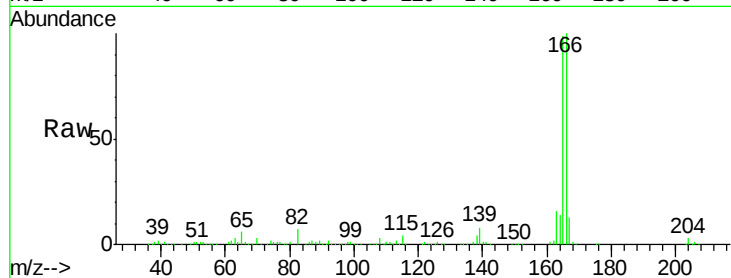
ClientSampleId :

BOTTOM(7)MS

Tgt Ion:	166	Resp:	501068
Ion Ratio	Lower	Upper	
166	100		
165	98.6	79.4	119.0
167	12.7	11.0	16.4

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.09 ng

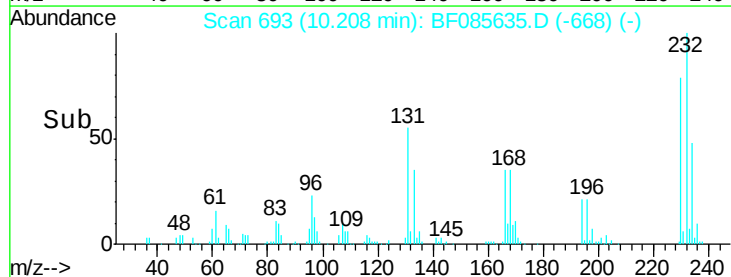
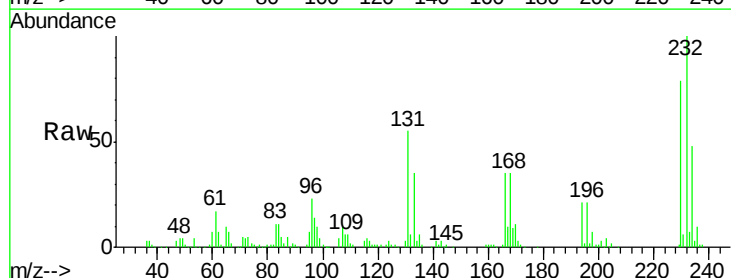
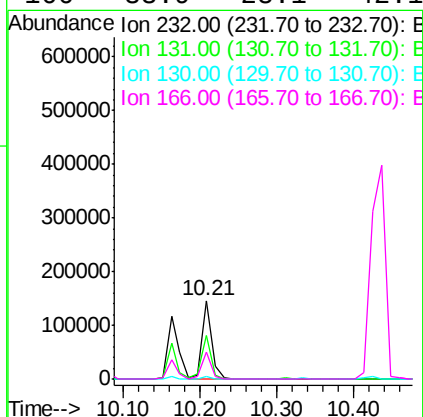
RT: 10.21 min Scan# 693

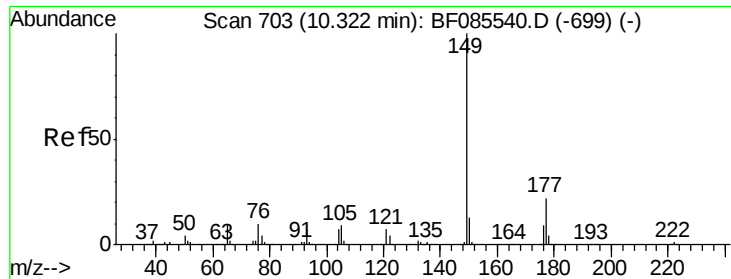
Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion:	232	Resp:	127932
Ion Ratio	Lower	Upper	
232	100		
131	54.3	44.9	67.3
130	2.8	2.3	3.5
166	33.9	28.1	42.1





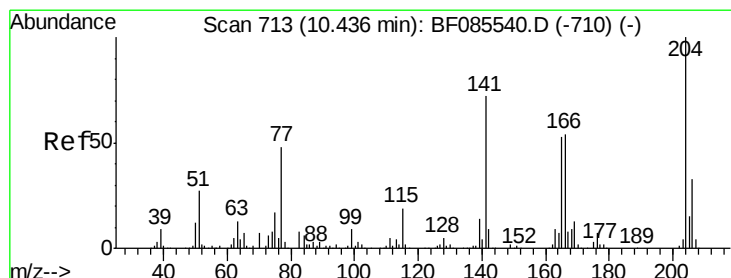
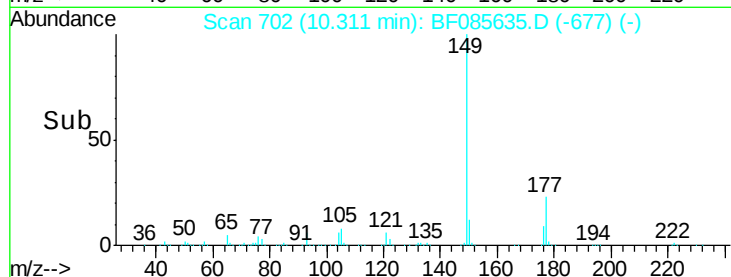
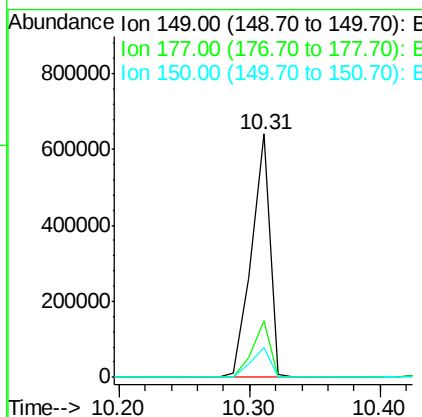
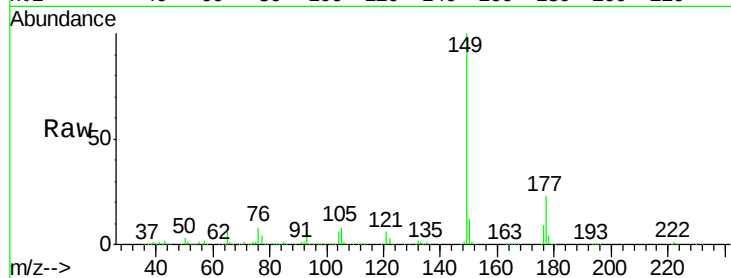
#59
Diethylphthalate
Concen: 39.18 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	632365		
177	23.5	17.9	26.9	
150	12.3	10.2	15.2	

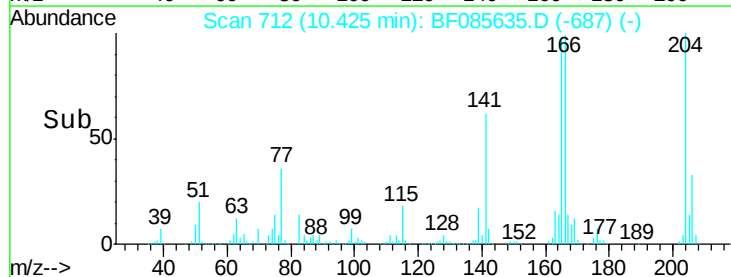
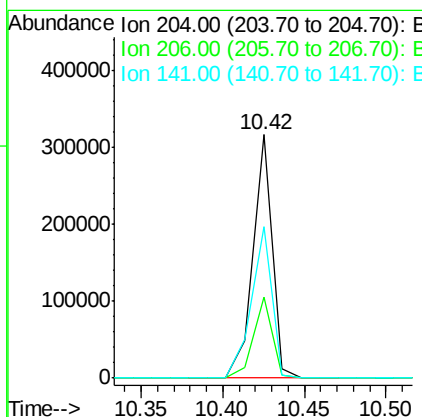
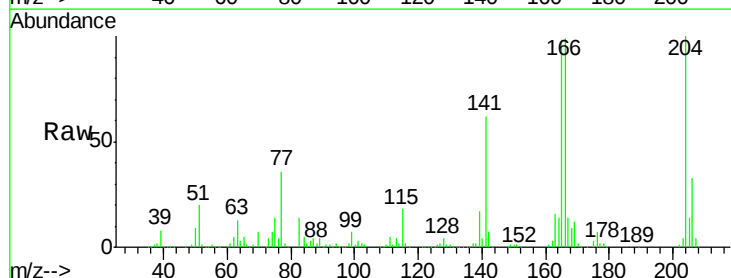
Manual Integrations
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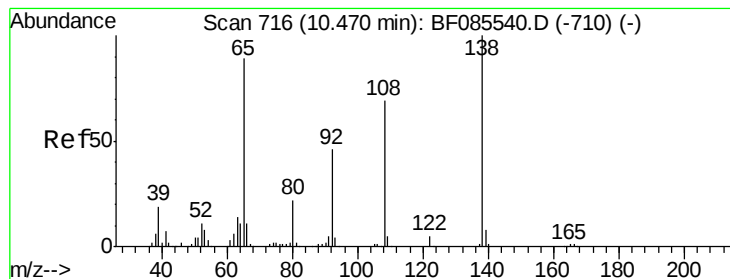
Sohil
3/22/2016 5:33:54 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.96 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	258953		
206	33.4	26.6	39.8	
141	62.1	57.4	86.0	





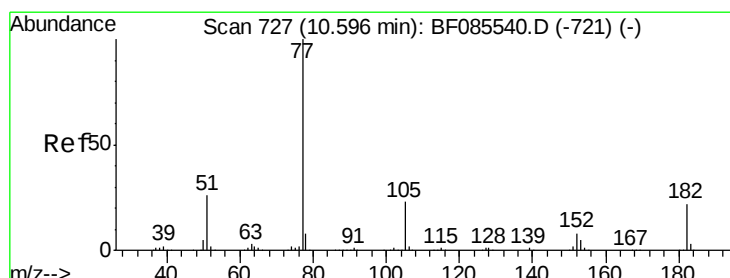
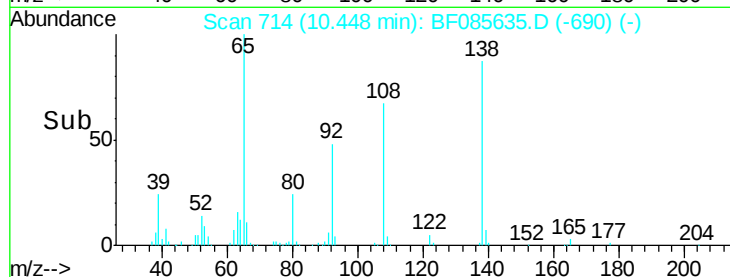
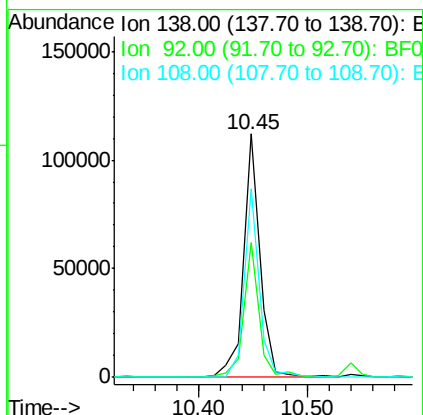
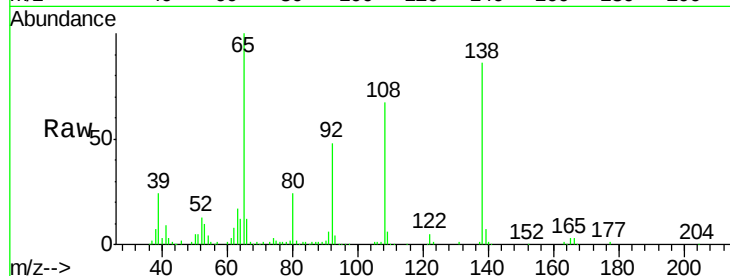
#61
4-Nitroaniline
Concen: 27.71 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	117215		
92	55.5	26.4	66.4	
108	77.6	49.0	89.0	

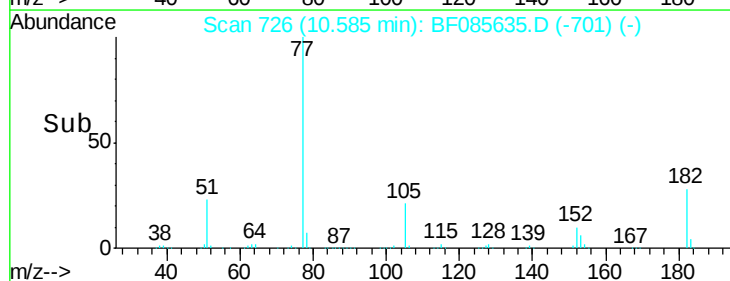
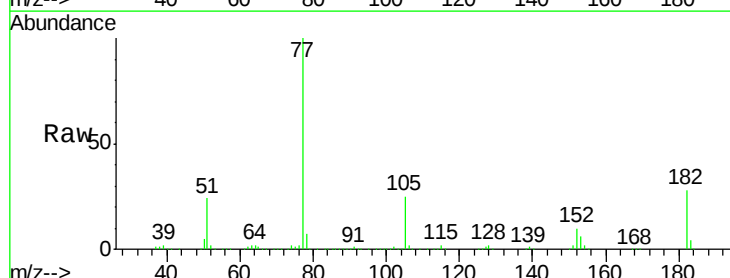
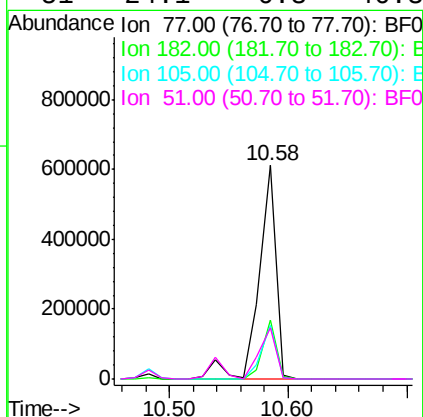
Manual Integrations
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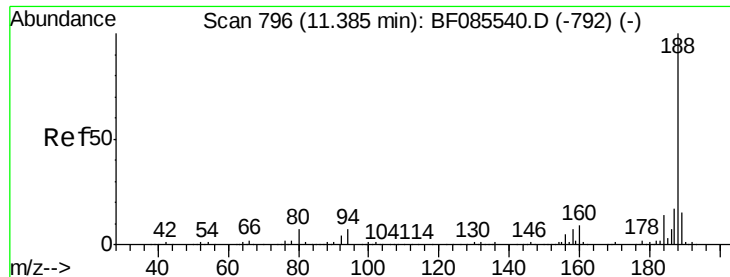
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#62
Azobenzene
Concen: 40.45 ng
RT: 10.58 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	626417		
182	27.6	1.9	41.9	
105	24.9	3.5	43.5	
51	24.1	6.3	46.3	





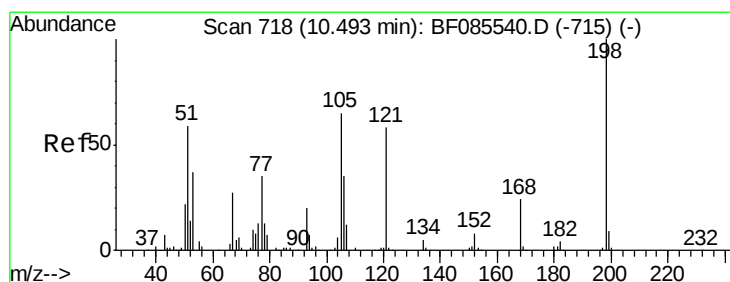
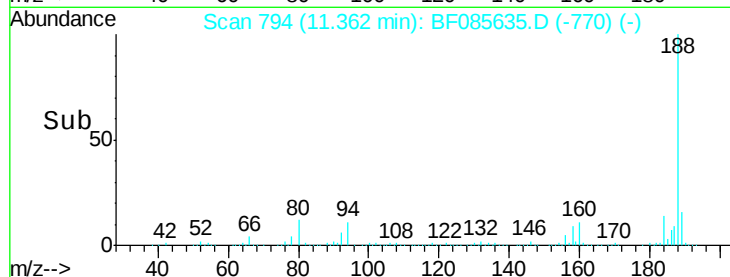
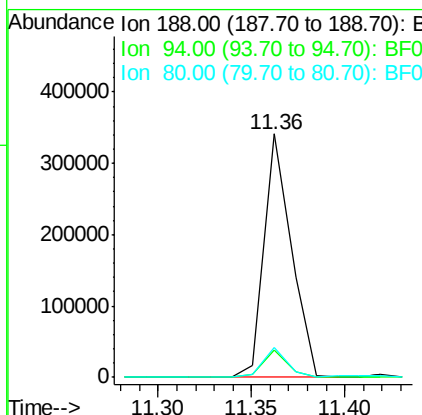
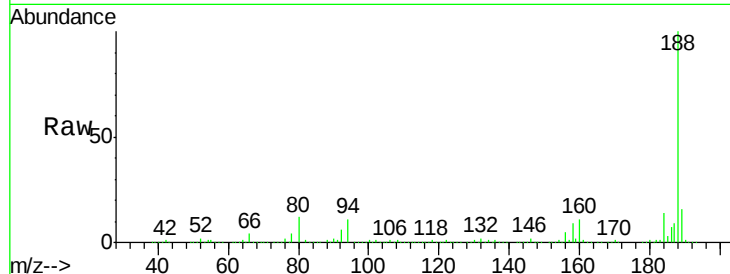
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.4	5.4	8.0#
80	12.3	5.5	8.3#

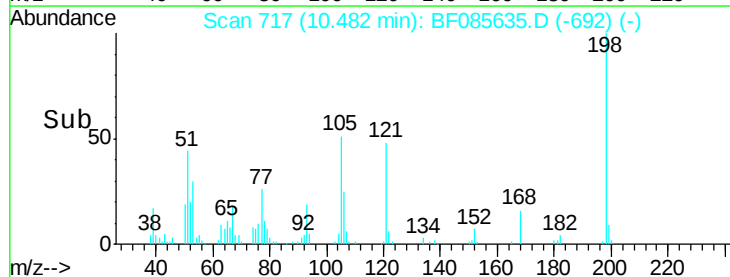
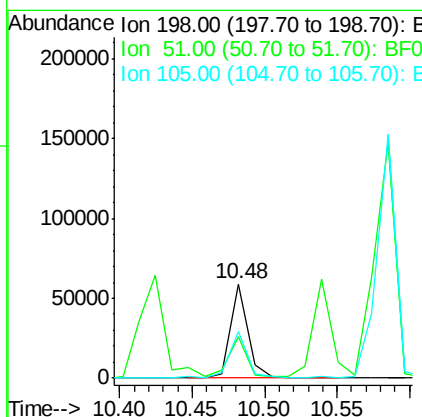
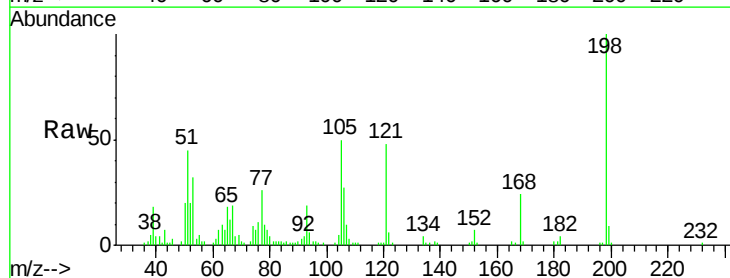
Manual Integrations
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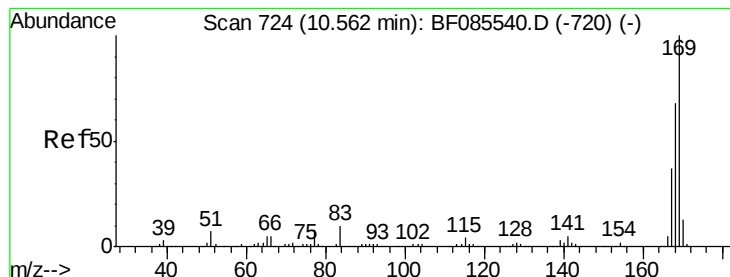
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#64
4,6-Dinitro-2-methylphenol
Concen: 22.29 ng
RT: 10.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.6	45.4	85.4#
105	50.0	45.9	85.9





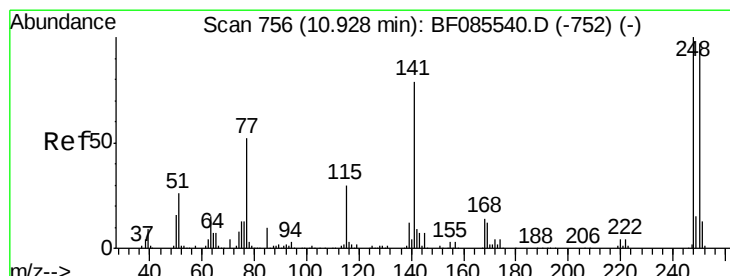
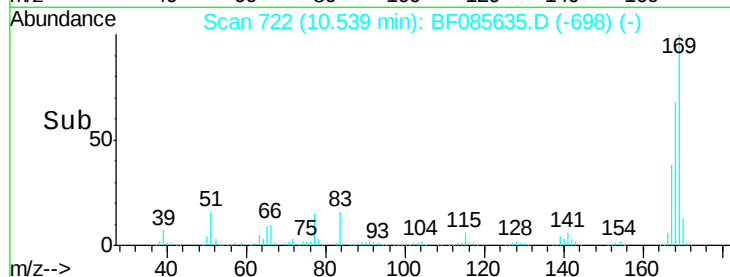
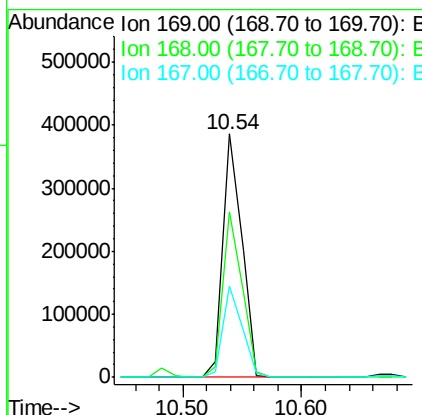
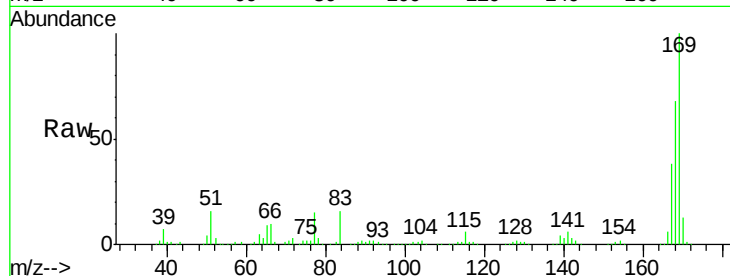
#65
 n-Nitrosodiphenylamine
 Concen: 39.77 ng
 RT: 10.54 min Scan# 722
 Delta R.T. -0.02 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	425190		
168	68.1	54.4	81.6	
167	37.7	29.4	44.0	

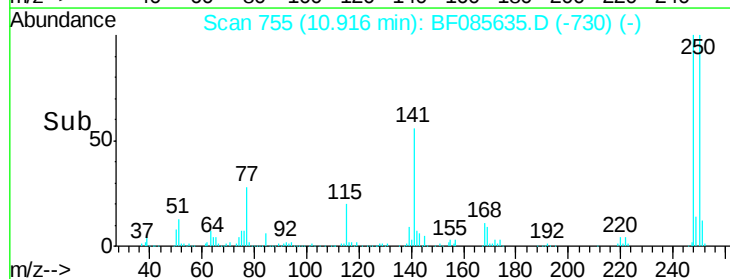
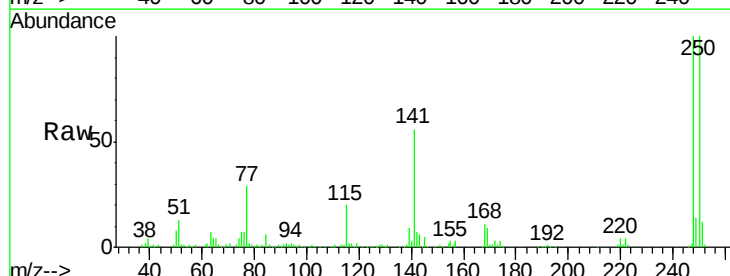
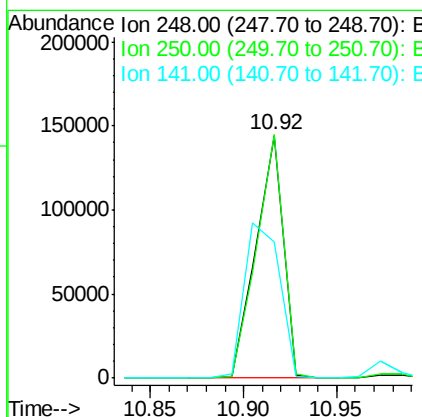
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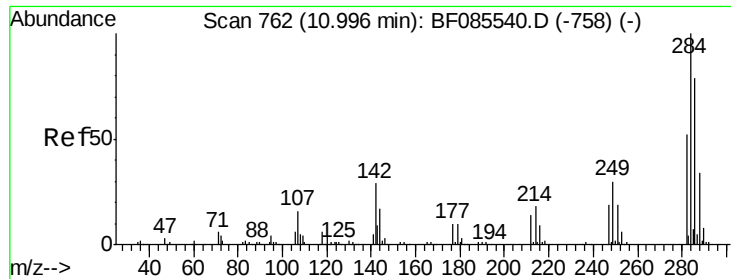
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#66
 4-Bromophenyl-phenylether
 Concen: 42.70 ng
 RT: 10.92 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	146383		
250	100.2	77.4	116.0	
141	56.0	63.6	95.4	





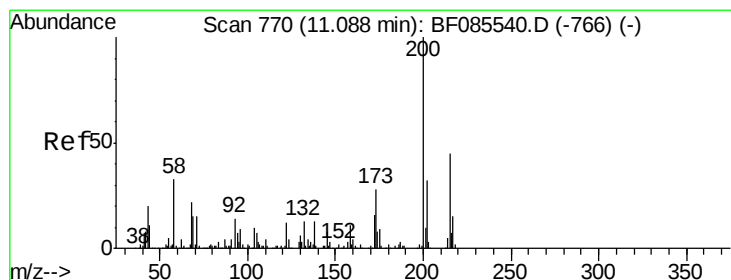
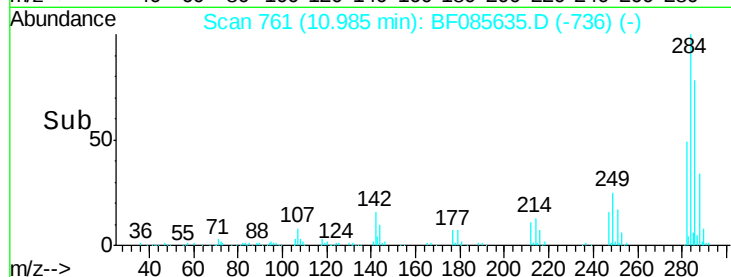
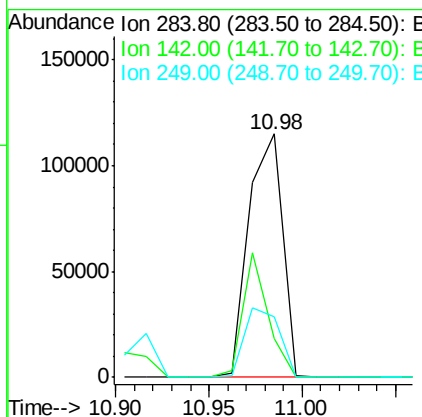
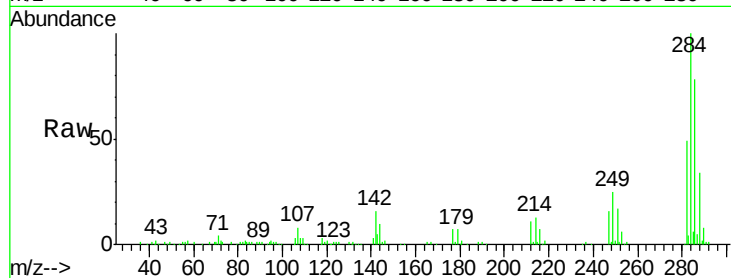
#67
Hexachlorobenzene
Concen: 39.54 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	16.0	23.1	34.7#
249	24.7	24.2	36.2

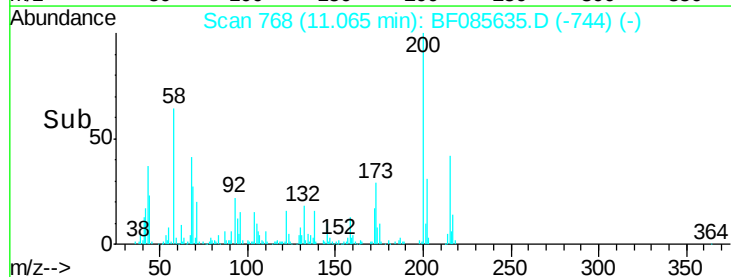
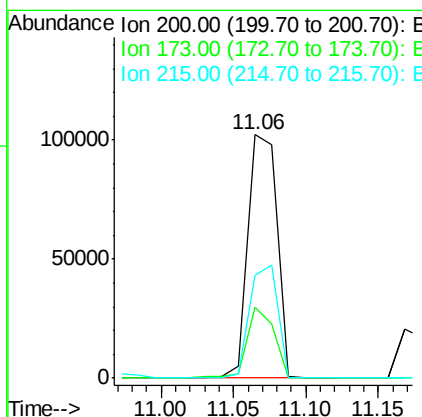
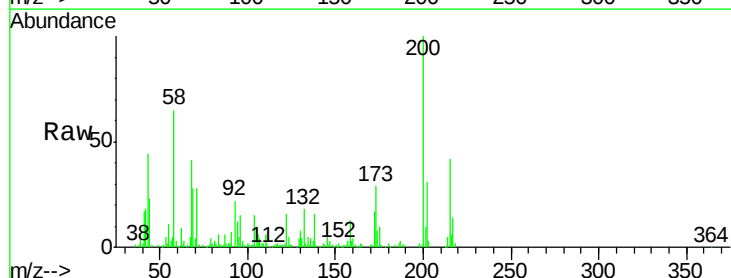
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#68
Atrazine
Concen: 43.59 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.9	7.7	47.7
215	42.1	25.4	65.4





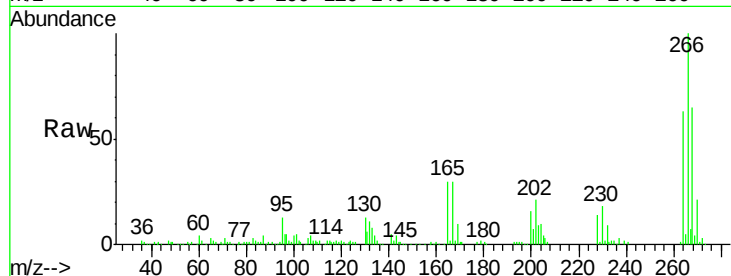
#69
 Pentachlorophenol
 Concen: 63.54 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

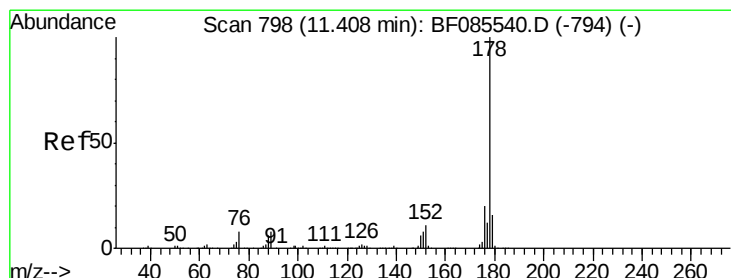
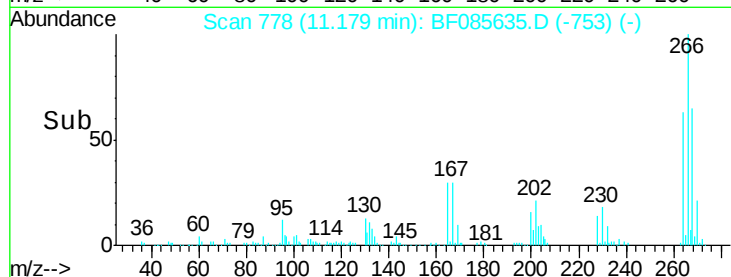
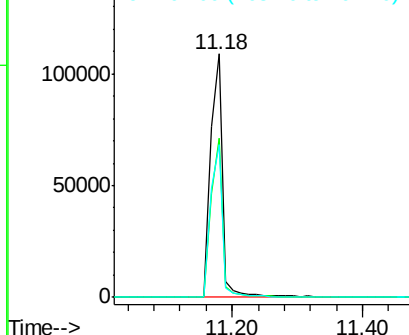
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	140512		
268	65.4	51.5	77.3	
264	62.6	50.6	76.0	

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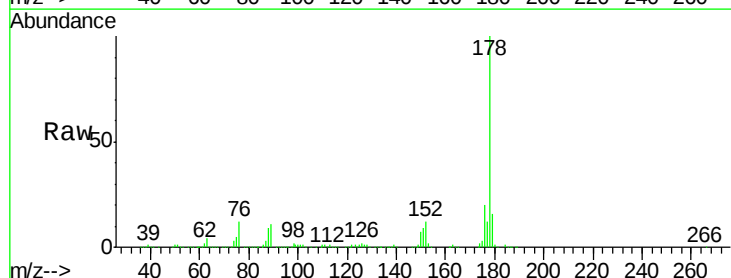


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

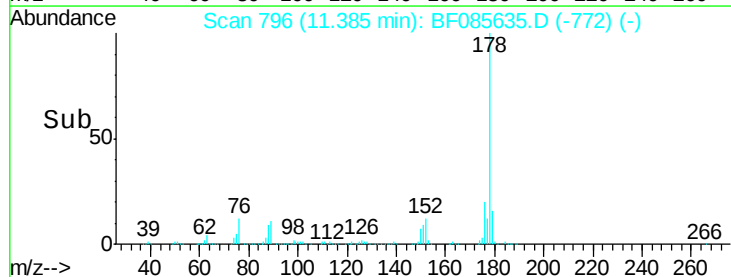
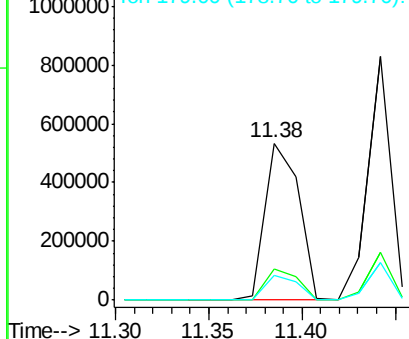


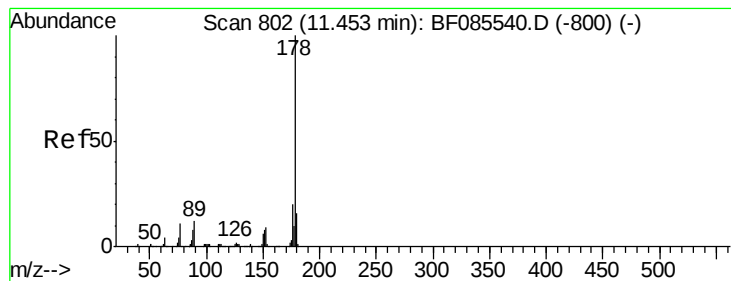
#70
 Phenanthrene
 Concen: 37.02 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	669914		
176	20.0	16.3	24.5	
179	16.0	12.6	18.8	



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





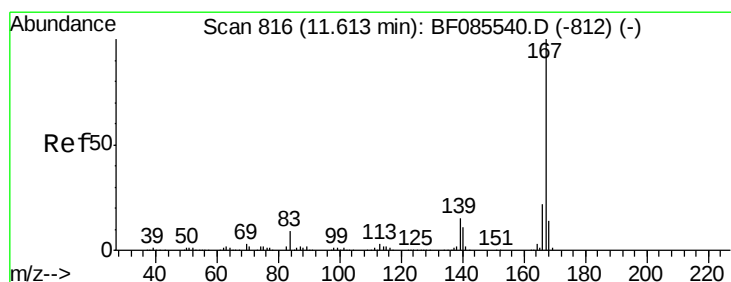
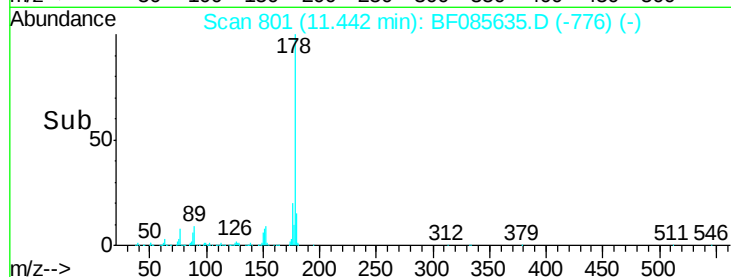
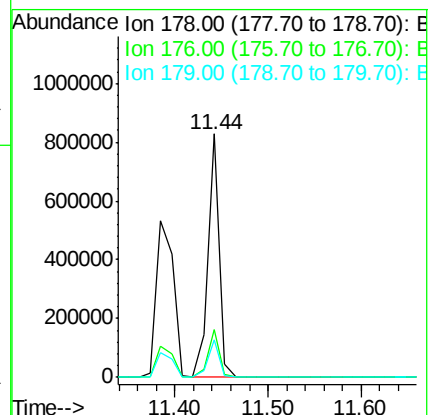
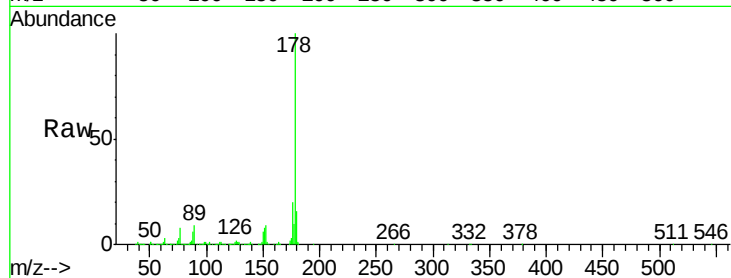
#71
 Anthracene
 Concen: 37.15 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.5	13.0	19.4

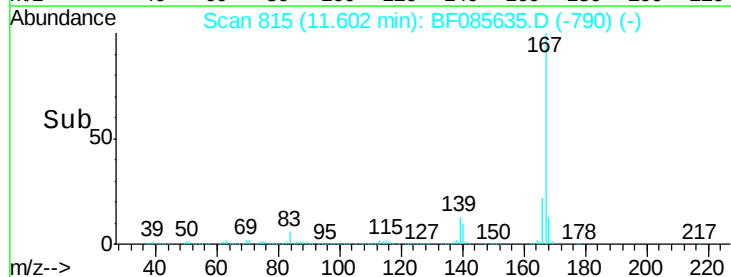
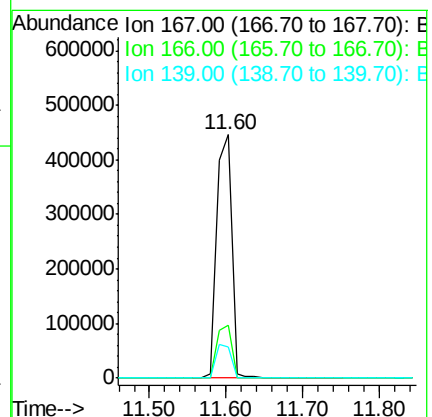
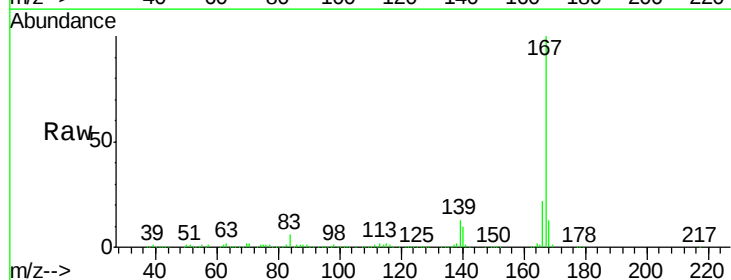
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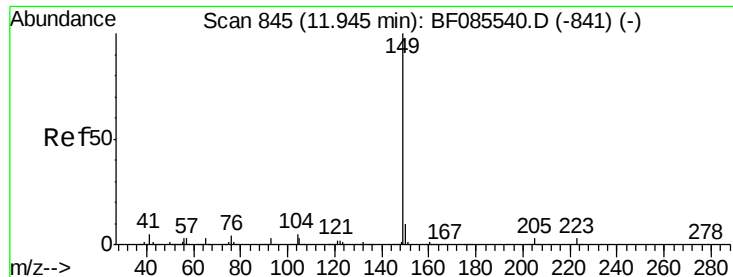
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#72
 Carbazole
 Concen: 36.65 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.8
139	12.6	11.6	17.4





#73

Di-n-butylphthalate

Concen: 39.27 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

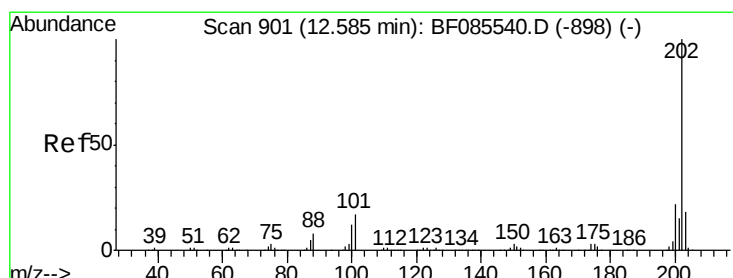
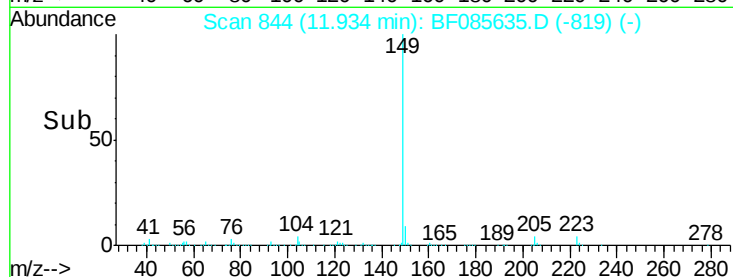
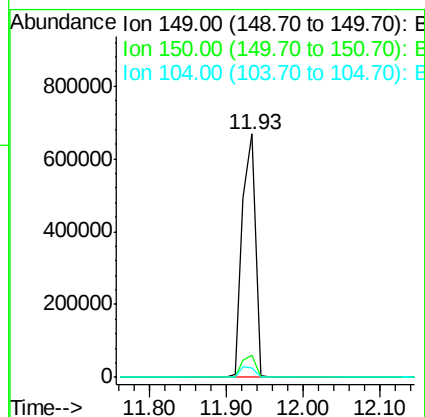
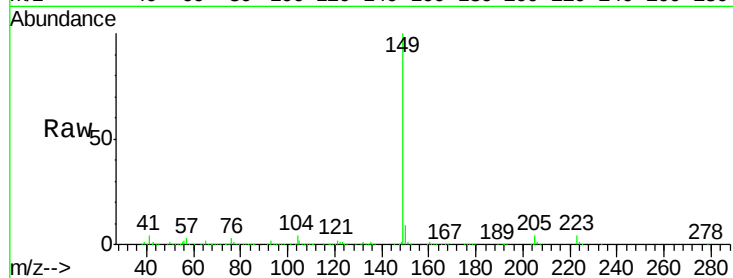
ClientSampleId :

BOTTOM(7)MS

Tgt Ion:	149	Resp:	804970
Ion Ratio		Lower	Upper
149	100		
150	9.0	7.6	11.4
104	3.9	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 31.97 ng

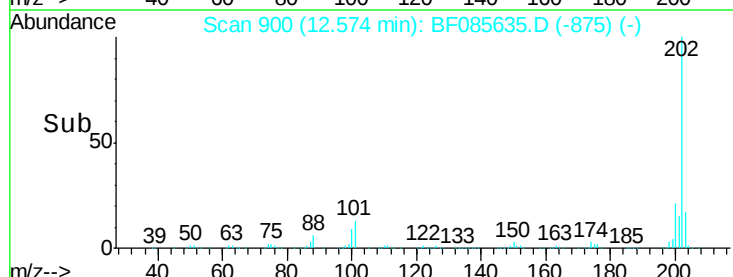
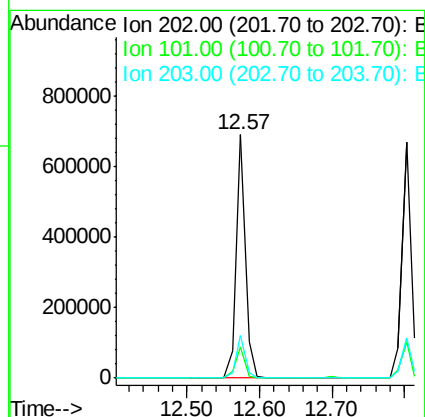
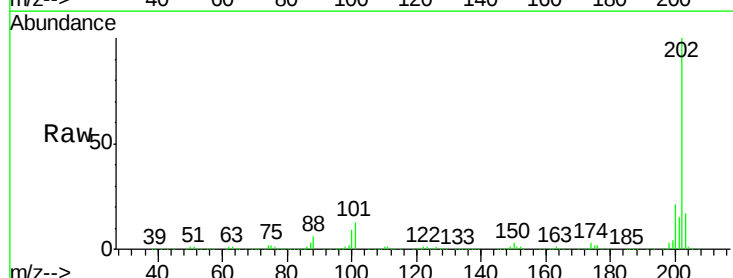
RT: 12.57 min Scan# 900

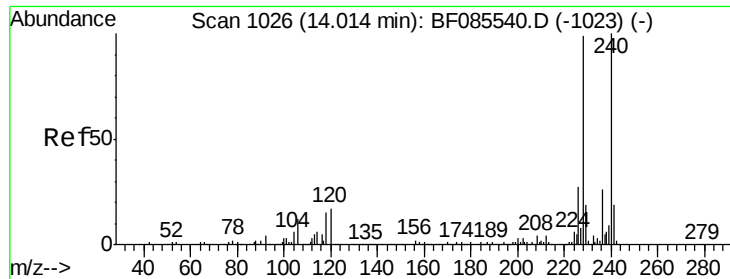
Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion:	202	Resp:	605797
Ion Ratio		Lower	Upper
202	100		
101	12.6	0.0	36.6
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

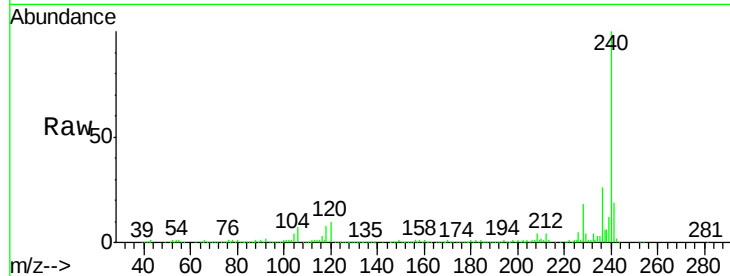
ClientSampleId :

BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	249377		
120	9.6	13.8	20.8#	
236	26.1	20.6	30.8	

Manual Integrations
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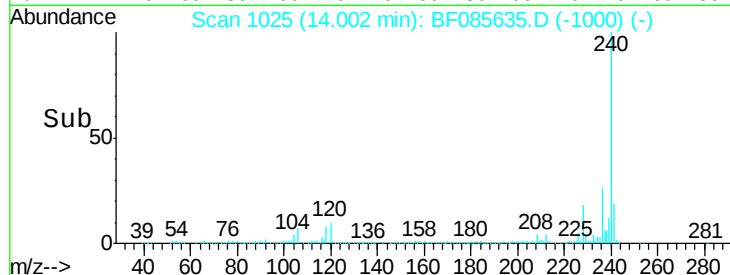


Abundance Ion 240.00 (239.70 to 240.70): E

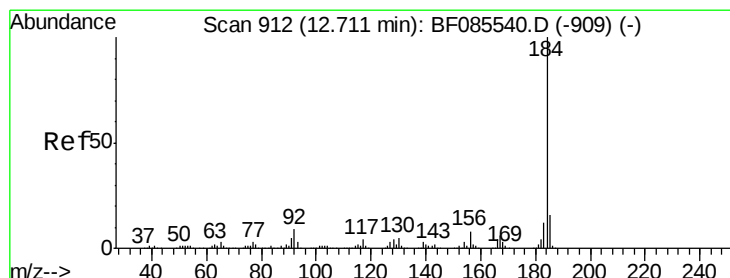
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.00



Time--> 13.90 14.00 14.10



#76

Benzidine

Concen: 51.51 ng

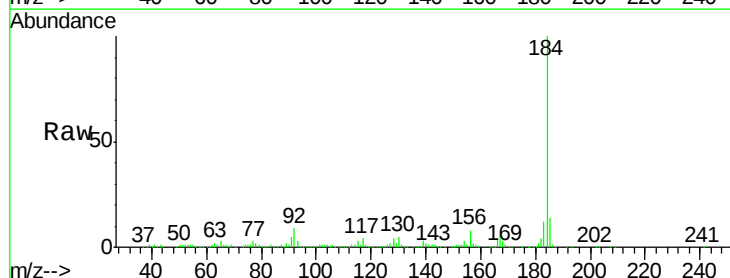
RT: 12.70 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	431959		
185	14.3	12.4	18.6	
183	11.7	9.4	14.2	

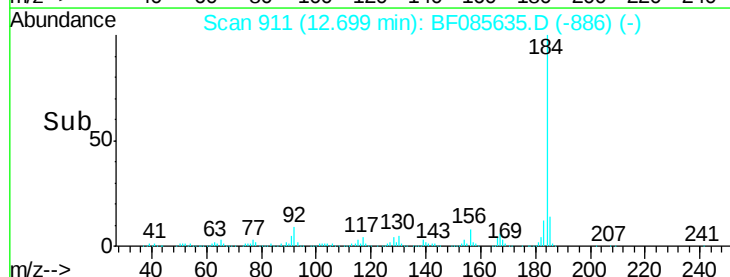


Abundance Ion 184.00 (183.70 to 184.70): E

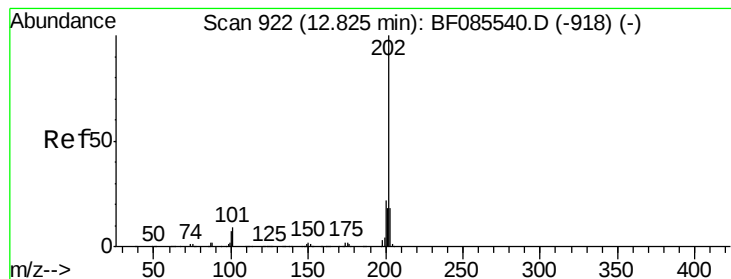
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.70



Time--> 12.60 12.80



#77

Pyrene

Concen: 33.52 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

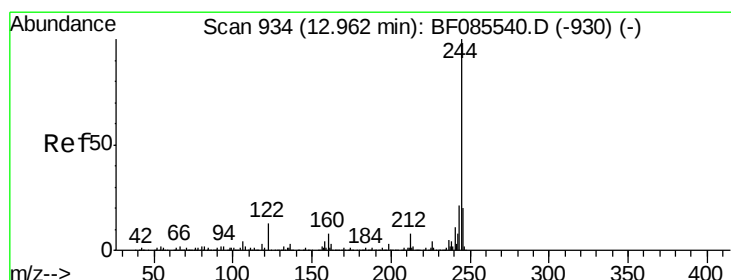
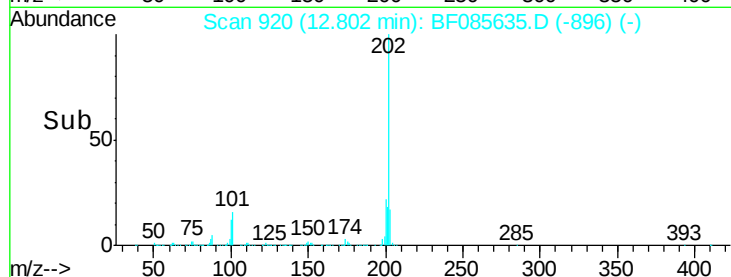
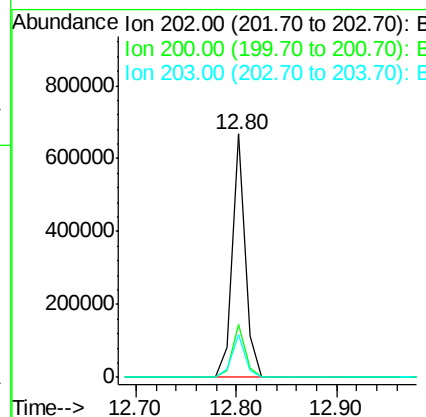
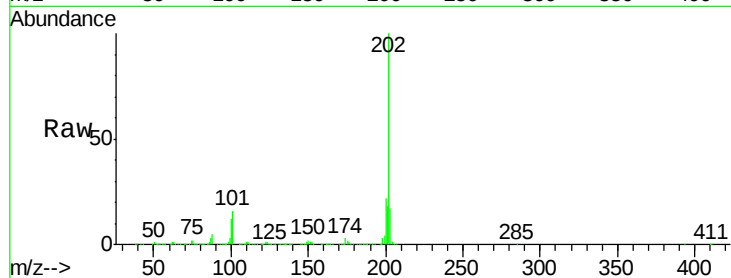
ClientSampleId :

BOTTOM(7)MS

Tgt	Ion:202	Resp:	600188
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.3	14.0	21.0

Manual Integrations
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#78

Terphenyl-d14

Concen: 63.84 ng

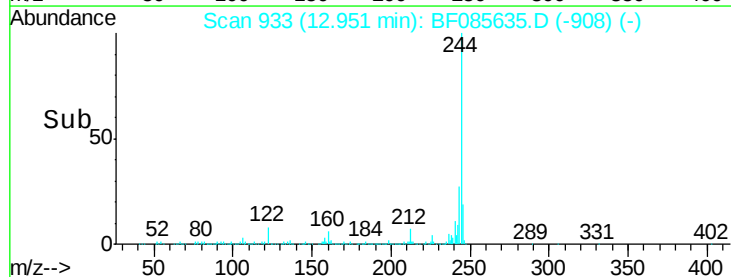
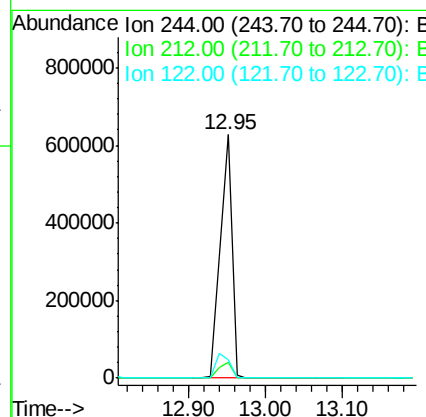
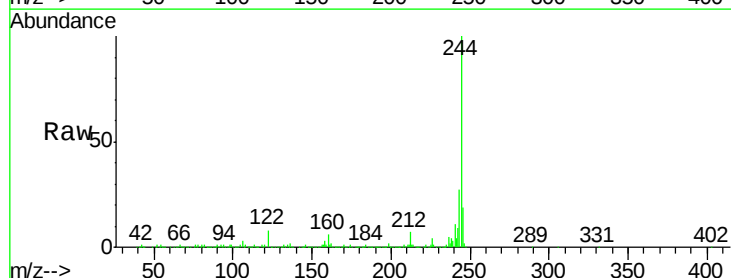
RT: 12.95 min Scan# 933

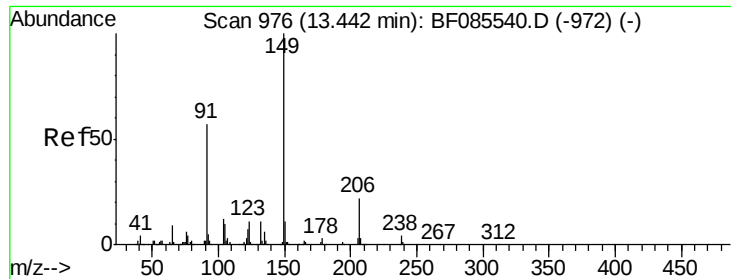
Delta R.T. -0.01 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt	Ion:244	Resp:	661571
Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	7.8	10.2	15.4#





#79

Butylbenzylphthalate

Concen: 32.99 ng

RT: 13.42 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

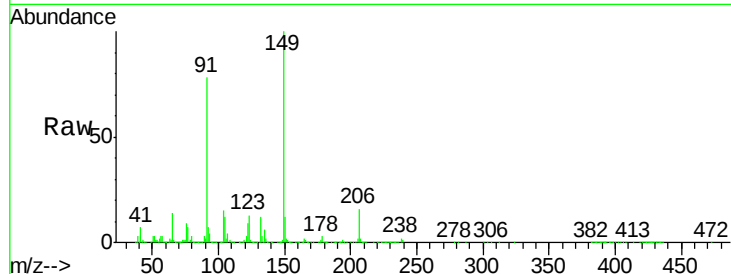
ClientSampleId :

BOTTOM(7)MS

Tgt Ion:	149	Resp:	281576
Ion Ratio	Lower	Upper	
149	100		
91	78.1	45.8	68.8#
206	16.1	17.8	26.8#

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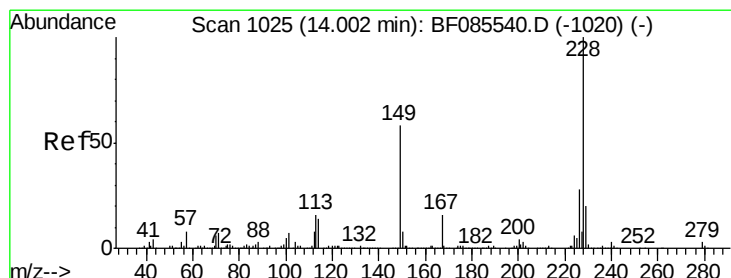
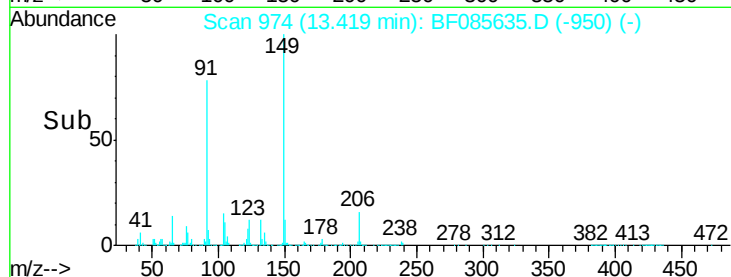
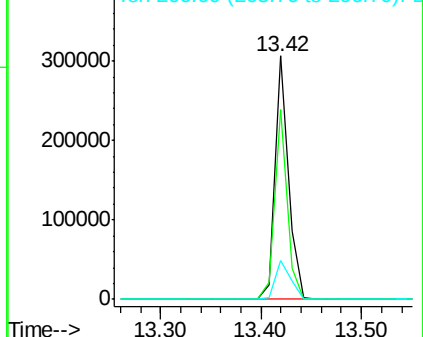
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.36 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF085635.D

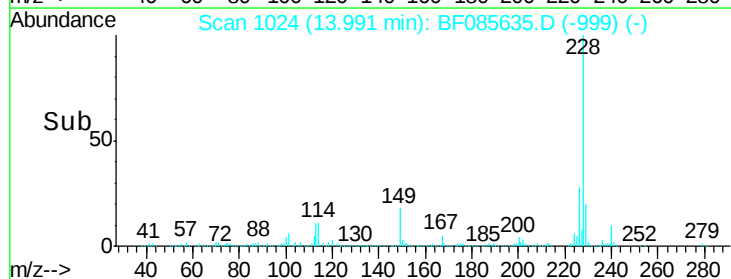
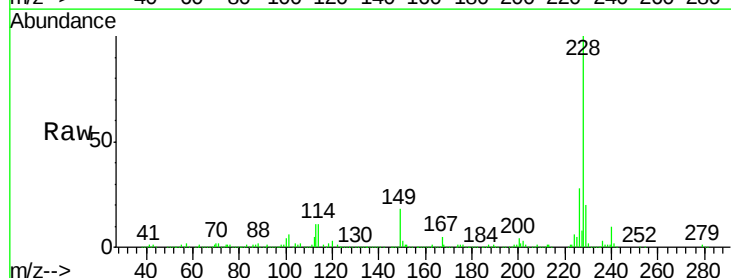
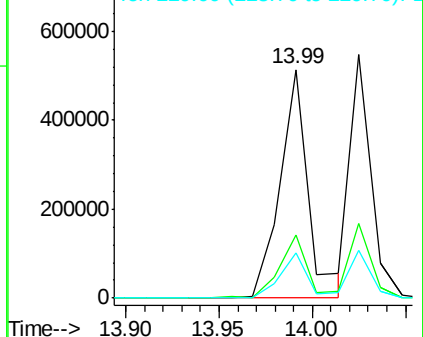
Acq: 21 Mar 2016 21:22

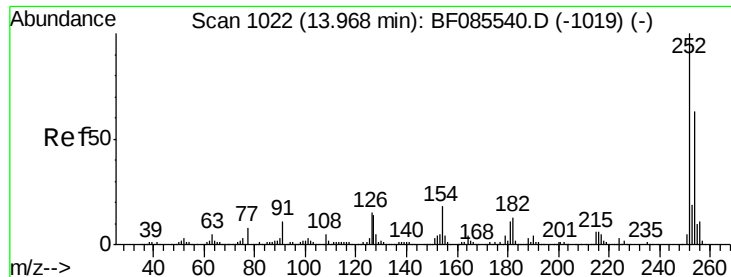
Tgt Ion:	228	Resp:	540860
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.1	33.1
229	19.8	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





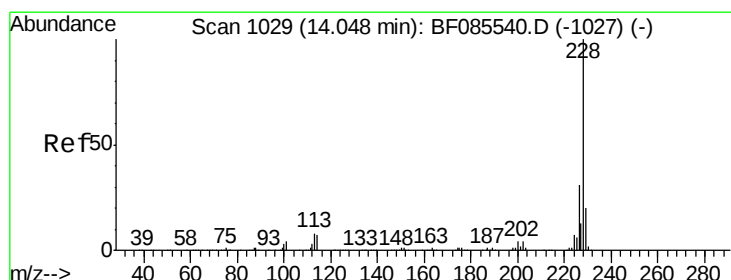
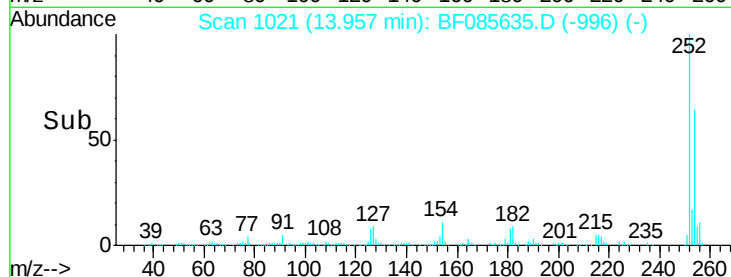
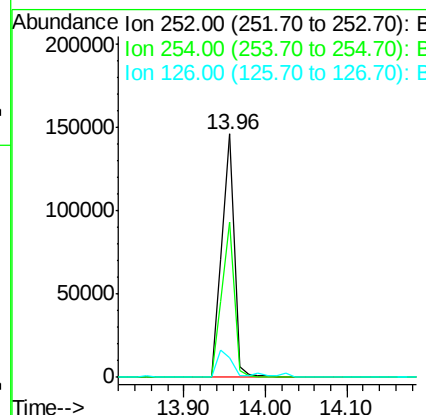
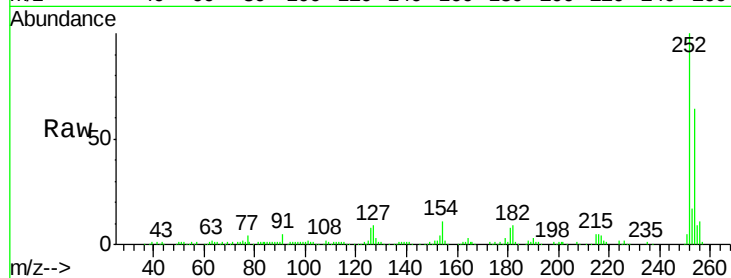
#81
 3,3'-Dichlorobenzidine
 Concen: 29.69 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	50.7	76.1
126	8.1	11.8	17.6

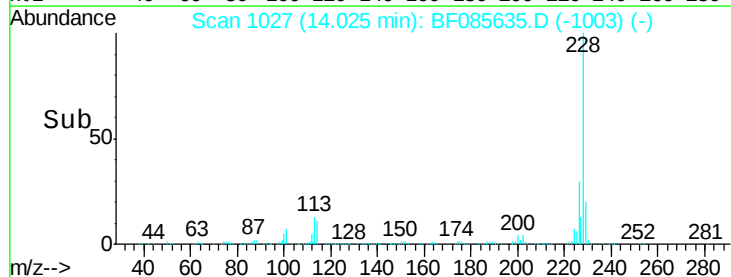
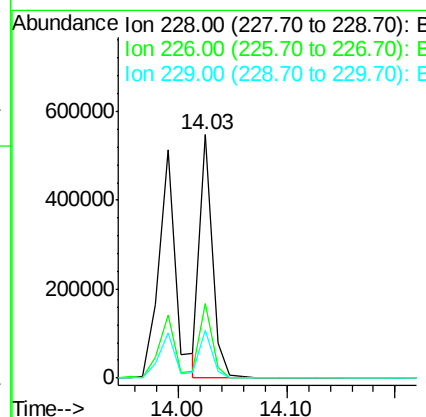
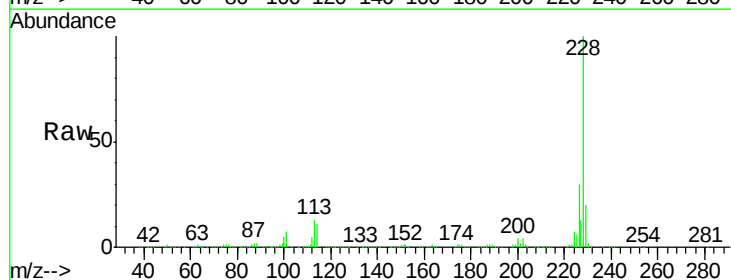
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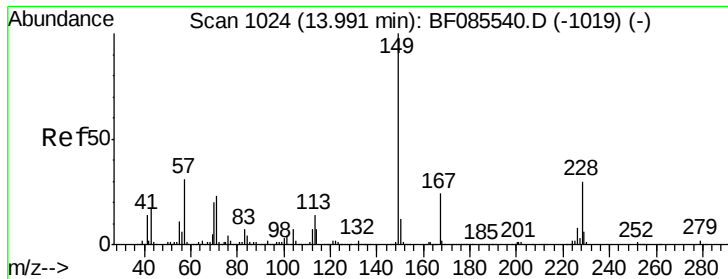
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#82
 Chrysene
 Concen: 31.43 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	25.0	37.6
229	19.8	15.7	23.5





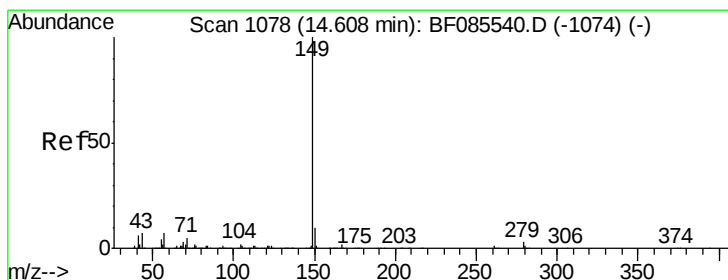
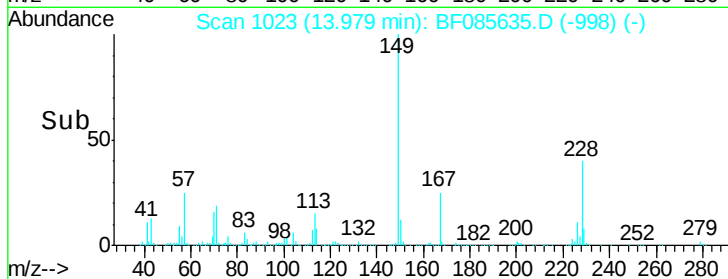
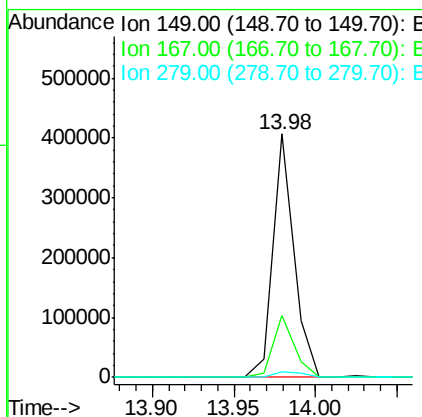
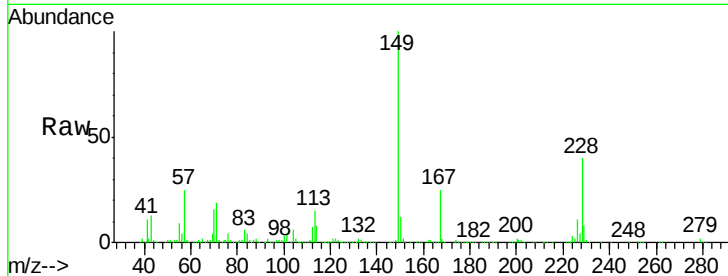
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.48 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	365662		
167	25.3	19.4	29.2	
279	2.4	1.5	2.3#	

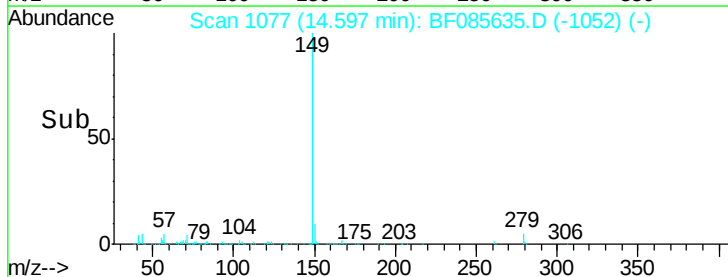
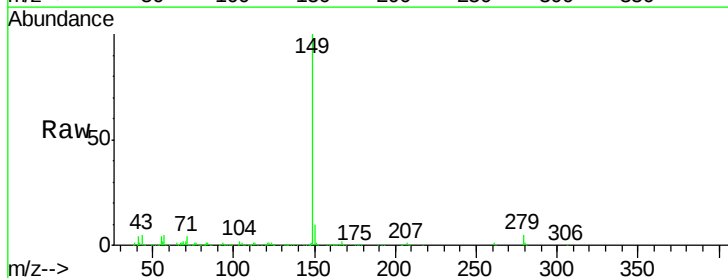
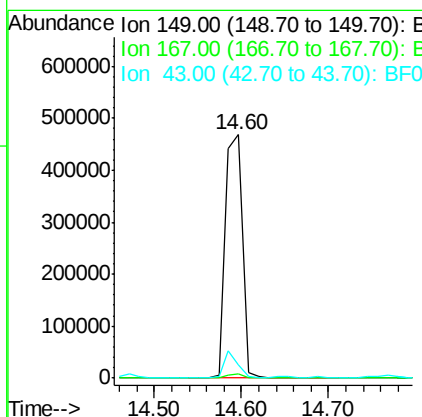
Manual Integrations
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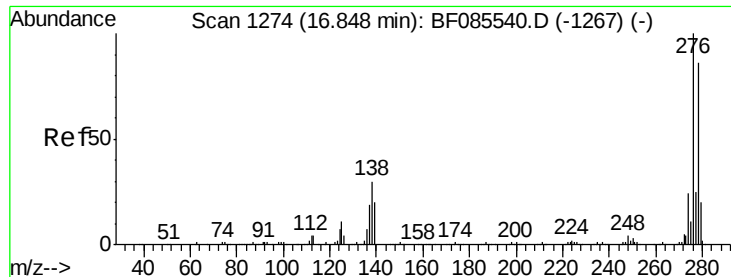
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#84
 Di-n-octyl phthalate
 Concen: 36.99 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	639145		
167	1.7	1.2	1.8	
43	8.2	7.1	10.7	





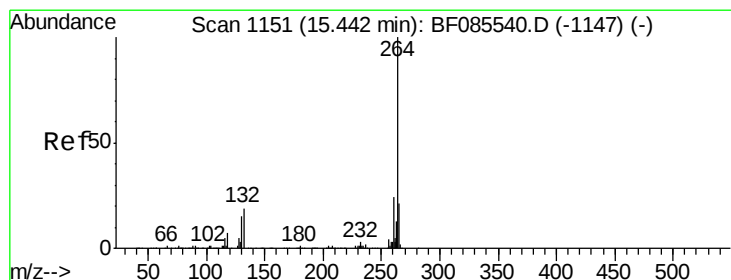
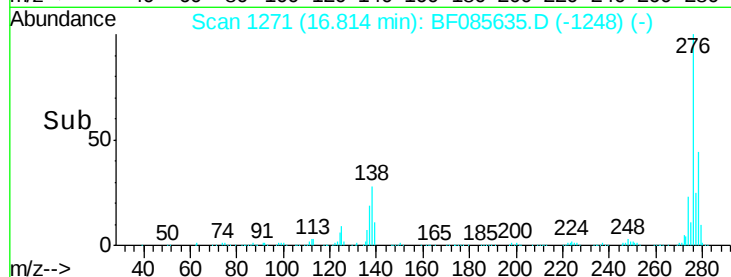
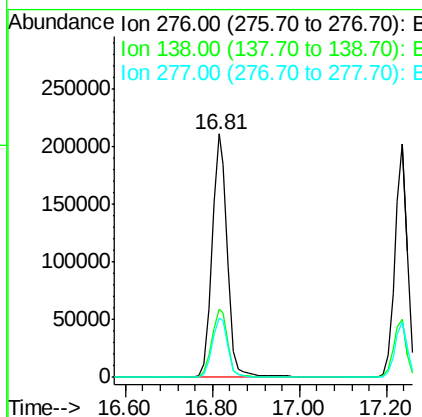
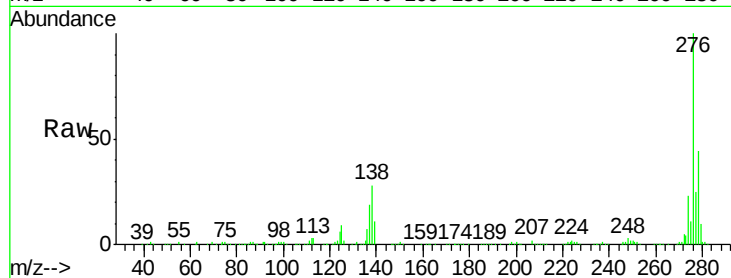
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.34 ng
 RT: 16.81 min Scan# 1271
 Delta R.T. -0.03 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM(7)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.6	24.2	36.4
277	25.7	20.0	30.0

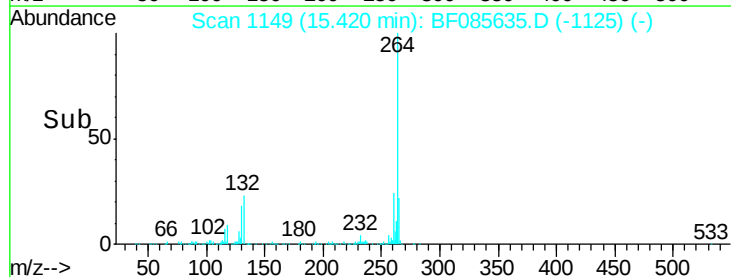
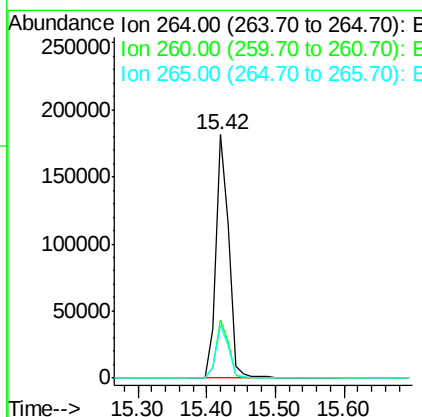
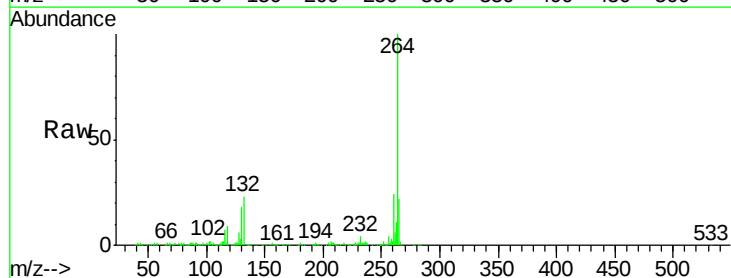
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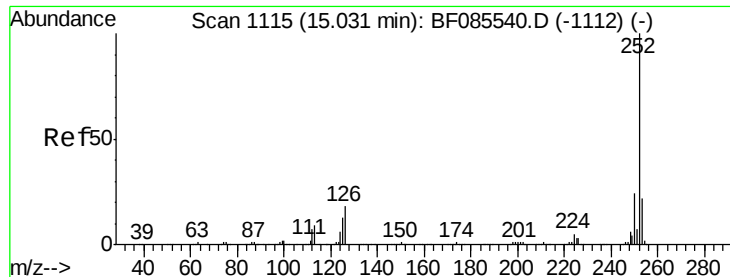
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085635.D
 Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	19.4	29.2
265	21.5	17.2	25.8





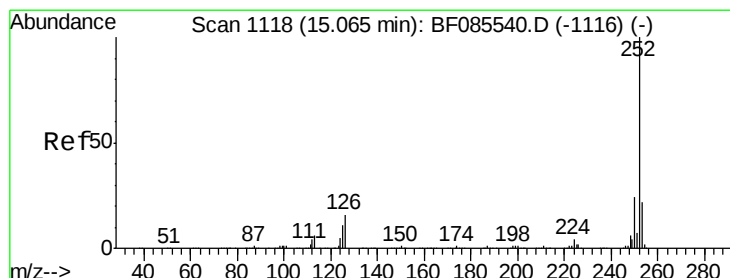
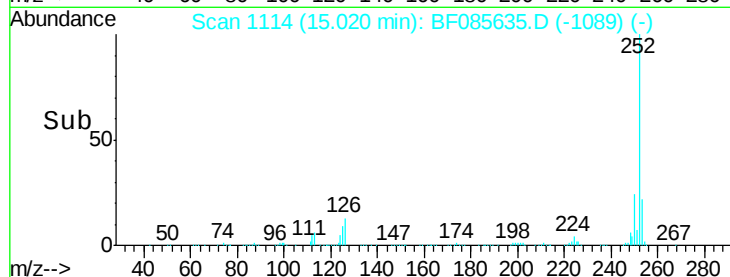
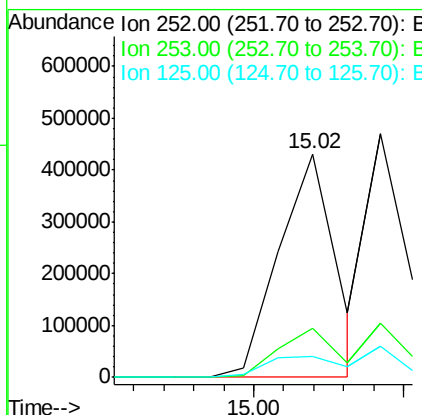
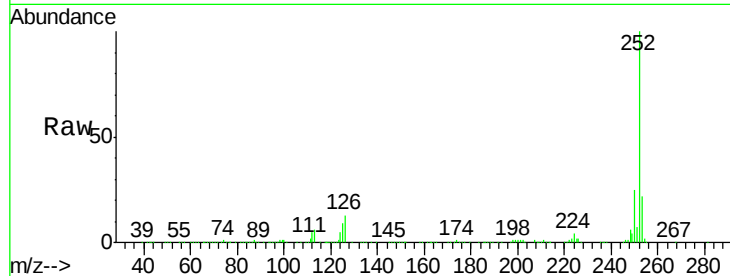
#87
Benzo(b)fluoranthene
Concen: 35.58 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.2	10.3	15.5#

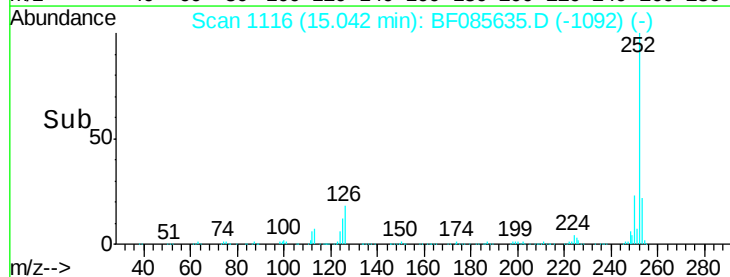
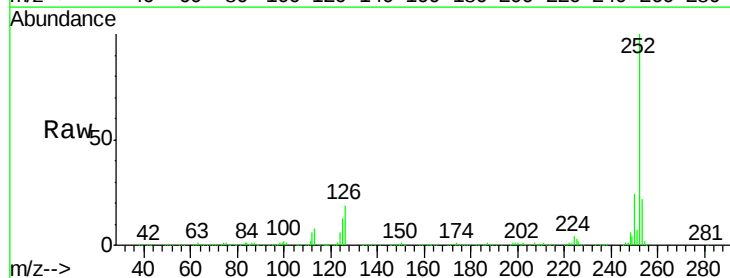
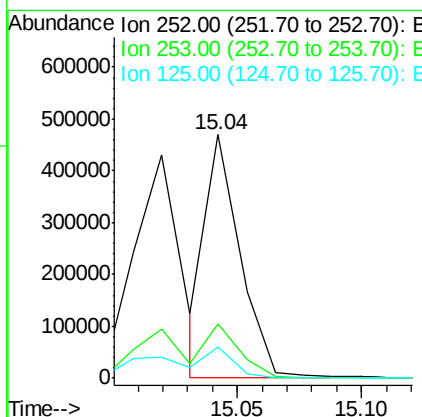
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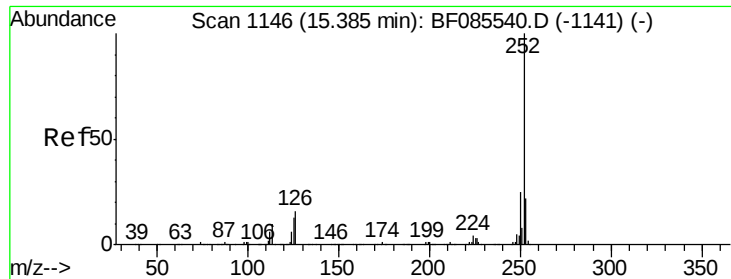
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#88
Benzo(k)fluoranthene
Concen: 34.79 ng m
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF085635.D
Acq: 21 Mar 2016 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.6	7.7	11.5#





#89

Benzo(a)pyrene

Concen: 37.16 ng

RT: 15.36 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

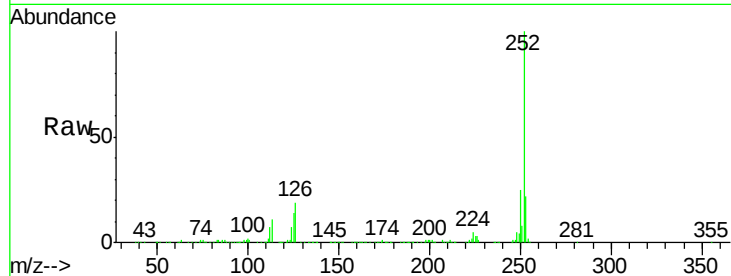
ClientSampleId :

BOTTOM(7)MS

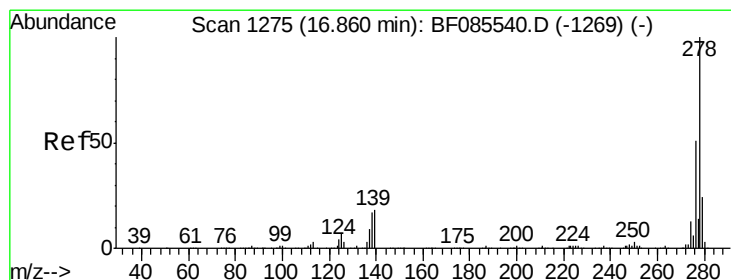
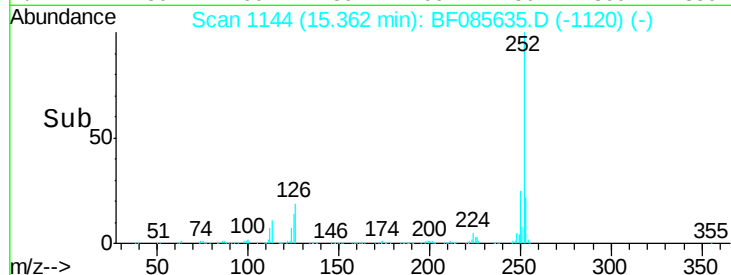
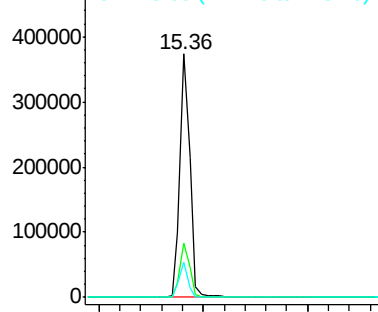
Tgt Ion:	252	Resp:	496065
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	14.3	10.3	15.5

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



#90

Dibenzo(a,h)anthracene

Concen: 40.66 ng

RT: 16.83 min Scan# 1272

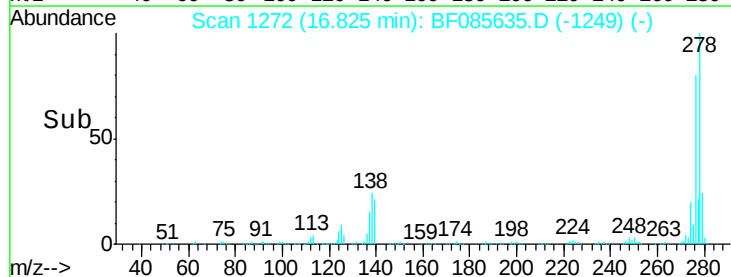
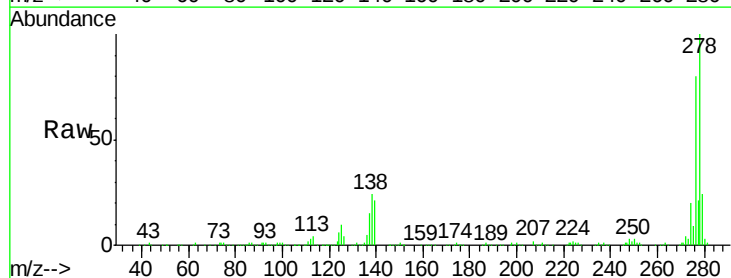
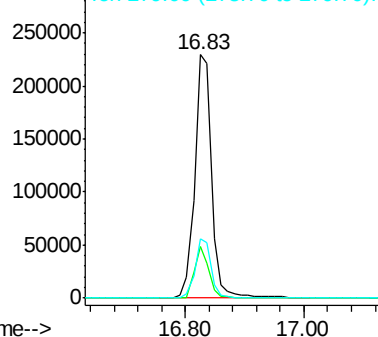
Delta R.T. -0.03 min

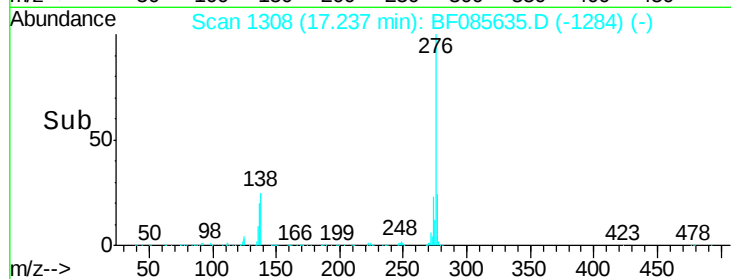
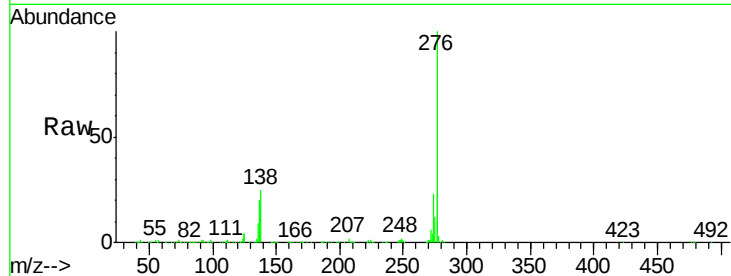
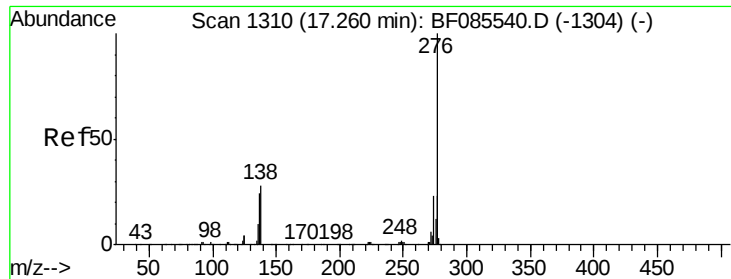
Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Tgt Ion:	278	Resp:	452702
Ion Ratio	Lower	Upper	
278	100		
139	21.1	14.4	21.6
279	24.2	19.1	28.7

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





#91

Benzo(g,h,i)perylene

Concen: 38.71 ng

RT: 17.24 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF085635.D

Acq: 21 Mar 2016 21:22

Instrument :

BNA_F

ClientSampleId :

BOTTOM(7)MS

Tgt Ion:	276	Resp:	417110
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	25.0	22.6	34.0

Manual Integrations
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