

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084574.D
 Acq On : 20 Jan 2016 19:41
 Operator : SJ/UM
 Sample : H1159-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Manual Integrations
 APPROVED

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 1/21/2016 12:20:03 PM

Quant Time: Jan 20 22:57:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	209264	20.00	ng	-0.05
21) Naphthalene-d8	8.06	136	854776	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	417988	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	789265	20.00	ng	-0.05
75) Chrysene-d12	13.95	240	583266	20.00	ng	-0.05
86) Perylene-d12	15.36	264	504057	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1574940	121.73	ng	-0.03
7) Phenol-d6	6.43	99	2054452	126.44	ng	-0.05
23) Nitrobenzene-d5	7.36	82	1454698	94.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.62	330	610117	144.58	ng	-0.05
44) 2-Fluorobiphenyl	9.15	172	2183420	92.45	ng	-0.05
78) Terphenyl-d14	12.90	244	2454054	93.92	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	242198	39.52	ng	# 67
3) Pyridine	3.17	79	451517	26.42	ng	# 74
4) n-Nitrosodimethylamine	3.10	42	358510	40.87	ng	83
6) Aniline	6.46	93	171084	7.20	ng	97
8) 2-Chlorophenol	6.57	128	648572	44.18	ng	82
9) Benzaldehyde	6.33	77	62020	5.86	ng	89
10) Phenol	6.45	94	694594	37.60	ng	83
11) bis(2-Chloroethyl)ether	6.52	93	665082	46.47	ng	# 82
12) 1,3-Dichlorobenzene	6.72	146	665306m	43.94	ng	
13) 1,4-Dichlorobenzene	6.80	146	664913	43.79	ng	97
14) 1,2-Dichlorobenzene	6.96	146	656250	45.13	ng	97
15) Benzyl Alcohol	6.93	79	545111	39.88	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1049026	40.25	ng	92
17) 2-Methylphenol	7.06	107	537797	43.72	ng	# 91
18) Hexachloroethane	7.30	117	270720	44.59	ng	# 81
19) n-Nitroso-di-n-propylamine	7.21	70	466285	42.39	ng	# 76
20) 3+4-Methylphenols	7.21	107	672640	46.52	ng	# 76
22) Acetophenone	7.20	105	950388	46.24	ng	99
24) Nitrobenzene	7.37	77	637699	40.94	ng	94
25) Isophorone	7.62	82	1323315	45.05	ng	# 93
26) 2-Nitrophenol	7.69	139	380632	53.69	ng	# 88
27) 2,4-Dimethylphenol	7.73	122	614750	42.84	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	816784	45.52	ng	99
29) 2,4-Dichlorophenol	7.94	162	581497	48.65	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	582170	47.18	ng	94
31) Naphthalene	8.09	128	1960004	50.54	ng	99
32) Benzoic acid	7.87	122	416339	45.48	ng	95
33) 4-Chloroaniline	8.17	127	49017	2.76	ng	98
34) Hexachlorobutadiene	8.21	225	342171	48.24	ng	99
35) Caprolactam	8.53	113	166218m	41.25	ng	
36) 4-Chloro-3-methylphenol	8.65	107	654489	48.88	ng	99
37) 2-Methylnaphthalene	8.78	142	1411941	50.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	533550	44.40	ng	98
40) Hexachlorocyclopentadiene	8.93	237	569426	78.50	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	406470	45.21	nq	95
43) 2,4,5-Trichlorophenol	9.12	196	373255	43.31	nq #	81
45) 1,1'-Biphenyl	9.25	154	1674411	50.40	nq	99
46) 2-Chloronaphthalene	9.28	162	1256856	48.17	nq	91
47) 2-Nitroaniline	9.38	65	441814	51.30	nq	89
48) Acenaphthylene	9.69	152	1724341	44.73	nq	97
49) Dimethylphthalate	9.56	163	1379026	46.15	nq #	90
50) 2,6-Dinitrotoluene	9.62	165	295521	45.09	nq #	48
51) Acenaphthene	9.86	154	1155228	44.67	nq	97
52) 3-Nitroaniline	9.79	138	81387	10.02	nq #	81
53) 2,4-Dinitrophenol	9.90	184	428538	150.23	nq #	86
54) Dibenzofuran	10.04	168	1672697	50.29	nq	97
55) 4-Nitrophenol	9.97	139	449651	76.28	nq #	80
56) 2,4-Dinitrotoluene	10.03	165	459632	55.41	nq #	94
57) Fluorene	10.38	166	1316078	51.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	335044	45.53	nq	92
59) Diethylphthalate	10.27	149	1569582	53.27	nq	96
60) 4-Chlorophenyl-phenylether	10.37	204	626050	59.91	nq	97
61) 4-Nitroaniline	10.41	138	296351	40.94	nq	94
62) Azobenzene	10.53	77	1621445	50.18	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	274942	59.28	nq	73
65) n-Nitrosodiphenylamine	10.50	169	1275738	50.55	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	432715	50.94	nq	96
67) Hexachlorobenzene	10.92	284	412350	43.13	nq #	83
68) Atrazine	11.02	200	368266	44.59	nq	98
69) Pentachlorophenol	11.13	266	501189	101.09	nq	99
70) Phenanthrene	11.35	178	2131339	51.63	nq	98
71) Anthracene	11.39	178	1940314	47.94	nq	97
72) Carbazole	11.55	167	1845497	46.65	nq	98
73) Di-n-butylphthalate	11.88	149	2094305	51.69	nq #	96
74) Fluoranthene	12.52	202	1930922	44.77	nq	98
77) Pyrene	12.75	202	1972013	43.08	nq	97
79) Butylbenzylphthalate	13.38	149	948730	47.90	nq	90
80) Benzo(a)anthracene	13.94	228	1705288	49.79	nq	98
81) 3,3'-Dichlorobenzidine	13.91	252	324685	27.16	nq #	94
82) Chrysene	13.99	228	1728038	52.51	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1252378	50.05	nq #	94
84) Di-n-octyl phthalate	14.56	149	2070780	49.02	nq #	88
85) Indeno(1,2,3-cd)pyrene	16.73	276	1353173	51.87	nq	100
87) Benzo(b)fluoranthene	14.97	252	1661032m	50.38	nq	
88) Benzo(k)fluoranthene	14.99	252	1287423m	47.74	nq	
89) Benzo(a)pyrene	15.31	252	1398127	49.99	nq	98
90) Dibenzo(a,h)anthracene	16.75	278	1104892	45.91	nq #	95
91) Benzo(g,h,i)perylene	17.14	276	1122875	45.06	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.05 min

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BNA_F

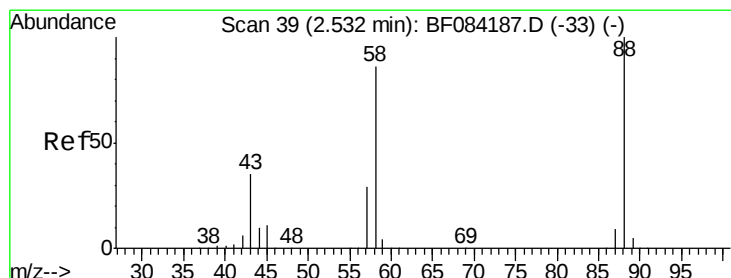
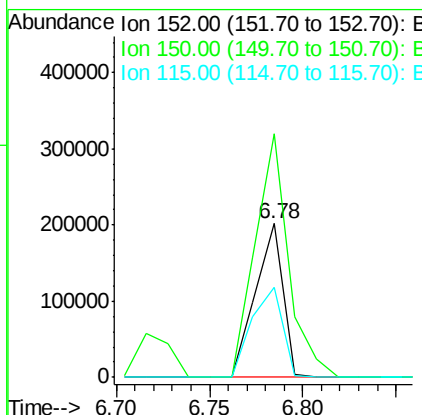
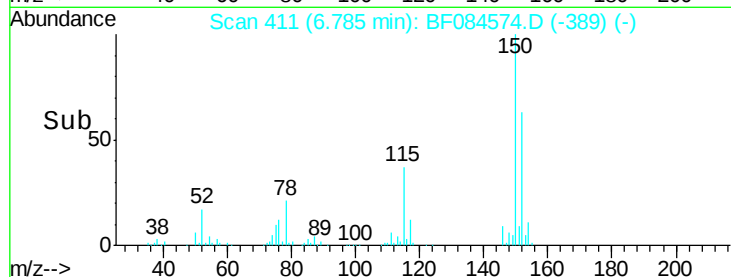
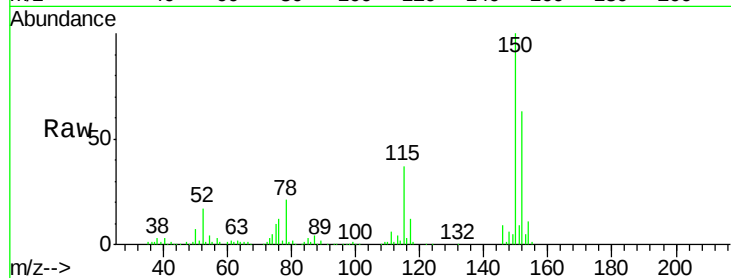
ClientSampleId :

SULFURCAKEMSD

Tot Ion:	152	Resp:	209264
Ion Ratio	Lower	Upper	
152	100		
150	158.4	123.0	184.4
115	59.0	51.4	77.2

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#2

1,4-Dioxane

Concen: 39.52 ng

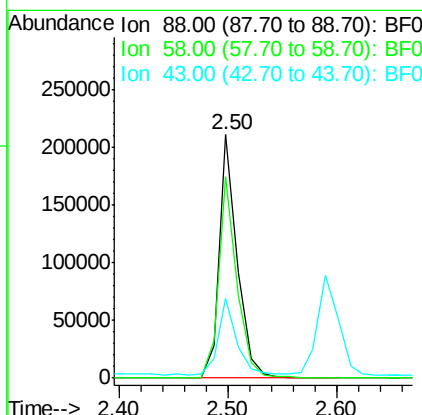
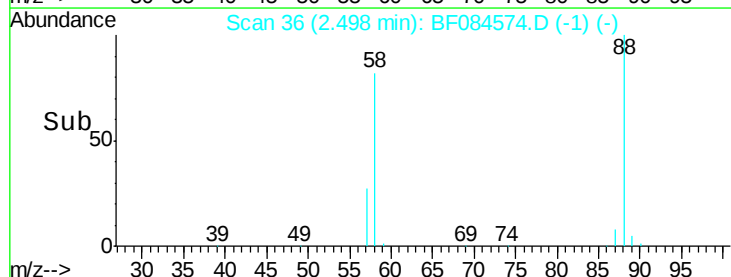
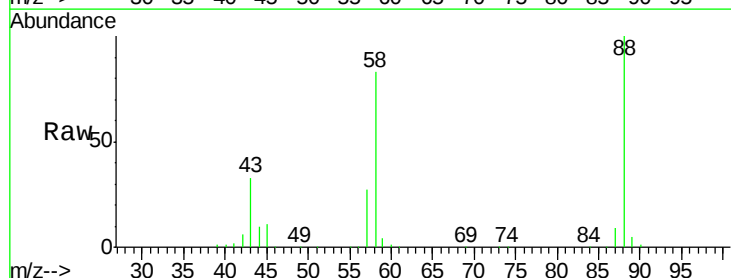
RT: 2.50 min Scan# 36

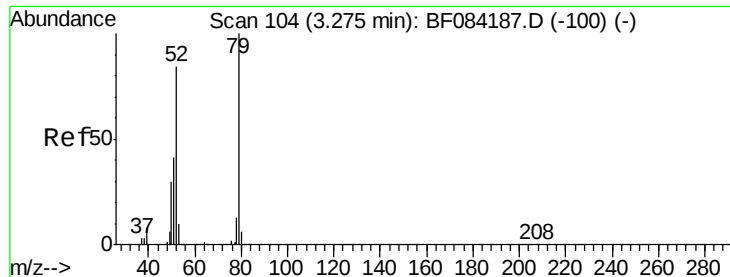
Delta R.T. 0.10 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion:	88	Resp:	242198
Ion Ratio	Lower	Upper	
88	100		
58	84.7	51.2	76.8#
43	0.0	19.5	29.3#





#3

Pvridine

Concen: 26.42 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tot Ion: 79 Resp: 451517
Ion Ratio Lower Upper

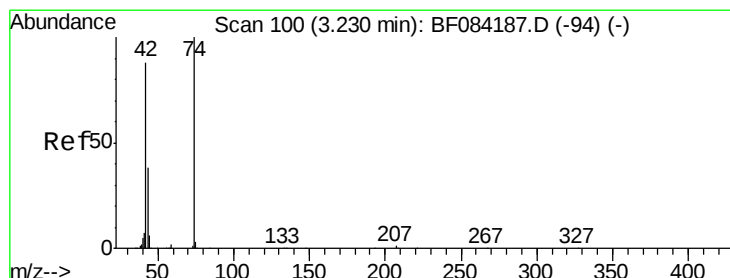
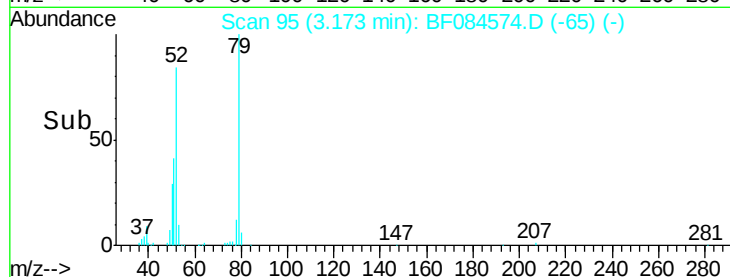
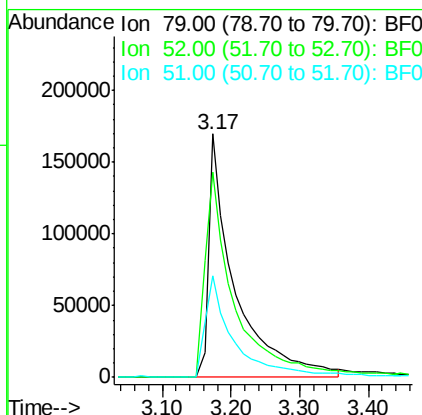
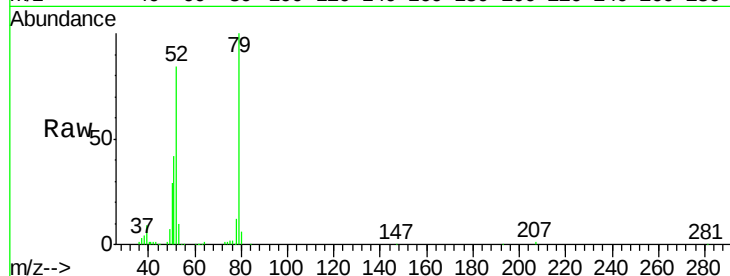
79 100

52 84.4 49.0 73.4#

51 41.6 25.2 37.8#

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#4

n-Nitrosodimethylamine

Concen: 40.87 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.03 min

Lab File: BF084574.D

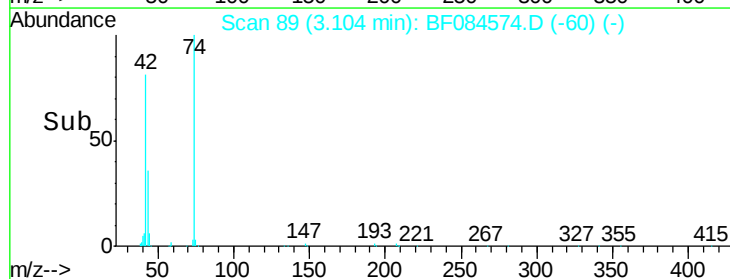
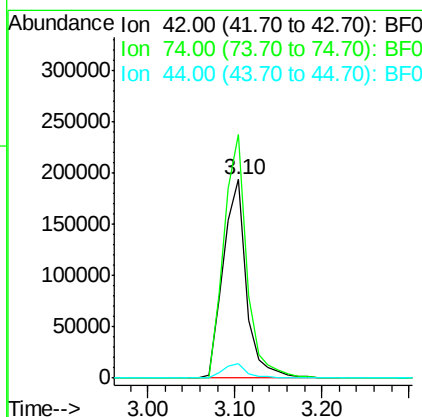
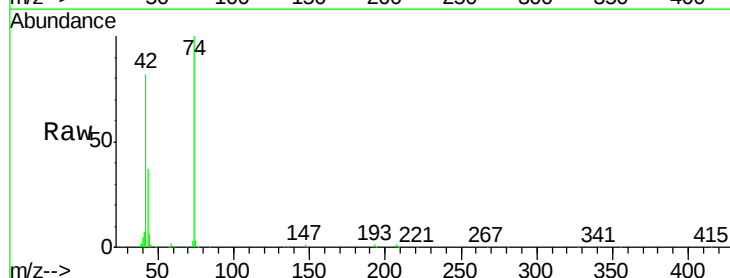
Acq: 20 Jan 2016 19:41

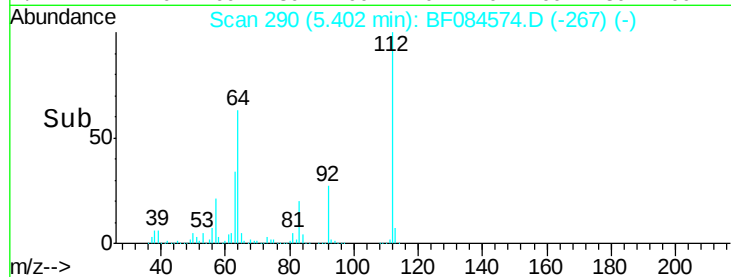
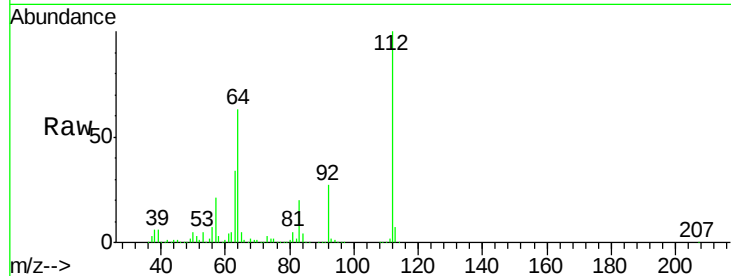
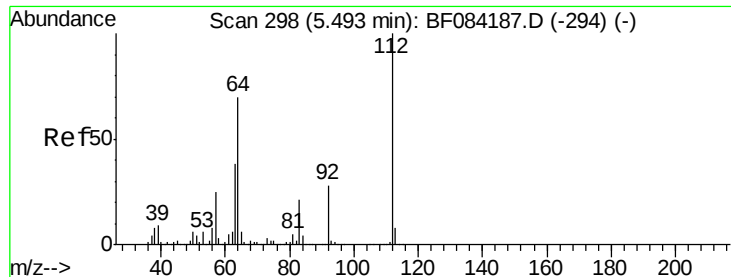
Tgt Ion: 42 Resp: 358510
Ion Ratio Lower Upper

42 100

74 122.6 115.7 173.5

44 7.1 5.1 7.7





#5

2-Fluorophenol

Concen: 121.73 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF084574.D

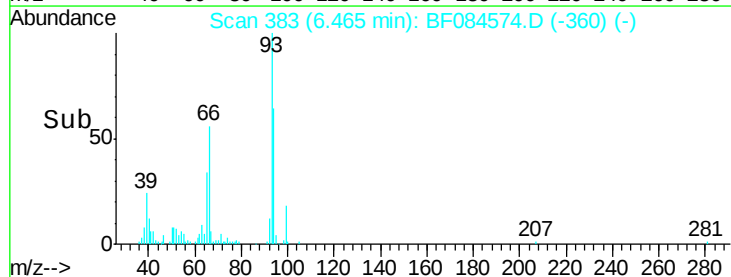
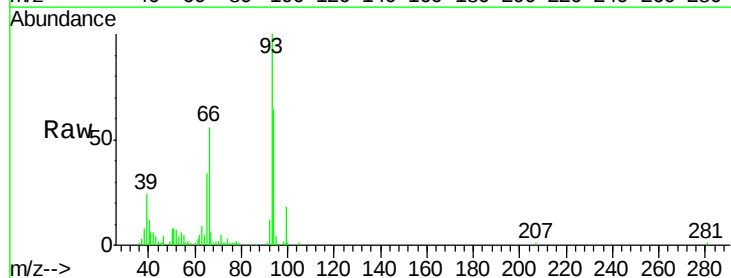
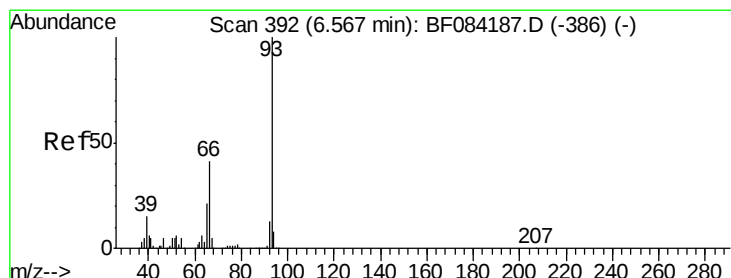
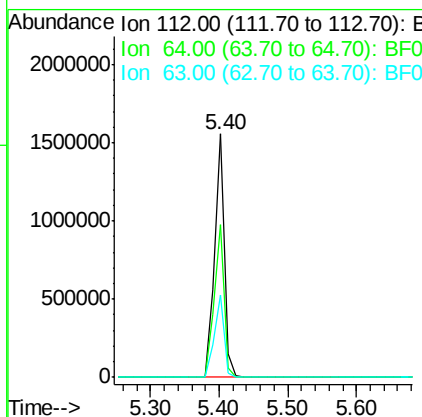
Acq: 20 Jan 2016 19:41

Tot Ion:	112	Resp:	1574940
Ion	Ratio	Lower	Upper
112	100		
64	63.0	36.6	55.0#
63	33.8	19.4	29.0#

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#6

Aniline

Concen: 7.20 ng

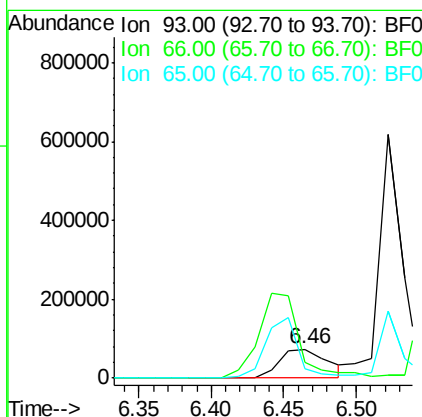
RT: 6.46 min Scan# 383

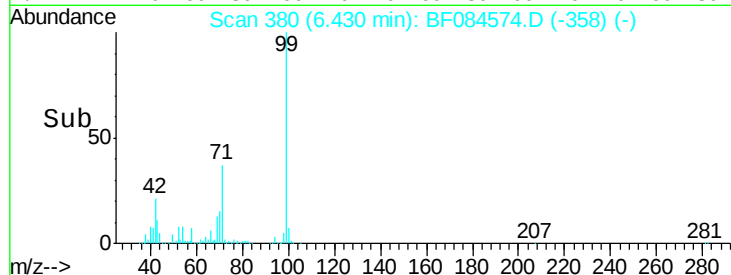
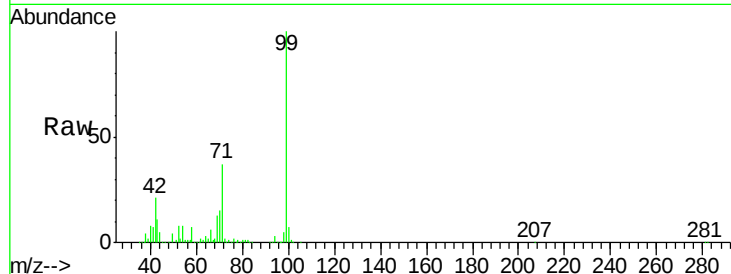
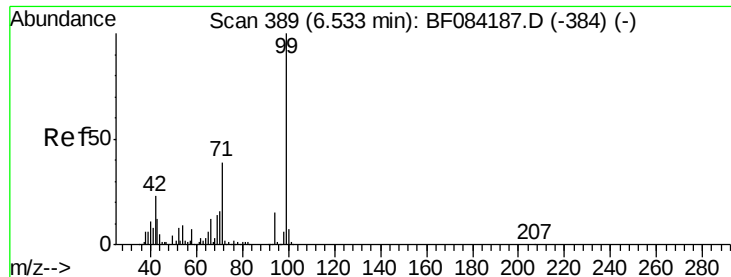
Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion:	93	Resp:	171084
Ion	Ratio	Lower	Upper
93	100		
66	56.2	44.9	67.3
65	34.4	23.7	35.5





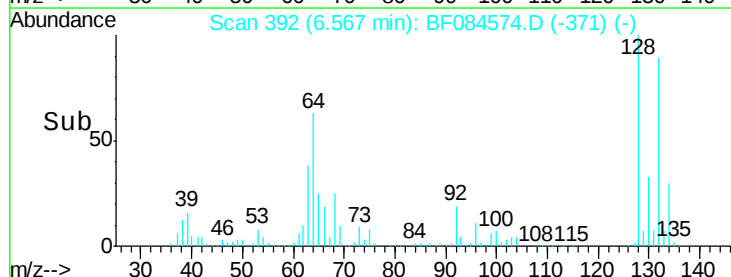
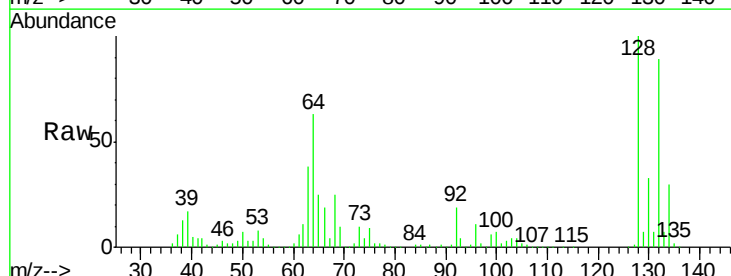
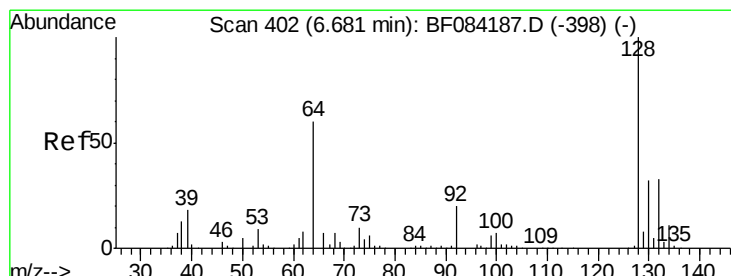
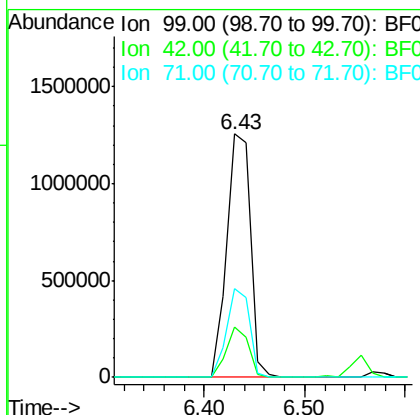
#7
Phenol-d6
Concen: 126.44 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tot Ion: 99 Resp: 2054452
Ion Ratio Lower Upper
99 100
42 20.6 12.8 19.2#
71 36.6 30.9 46.3

Instrument :
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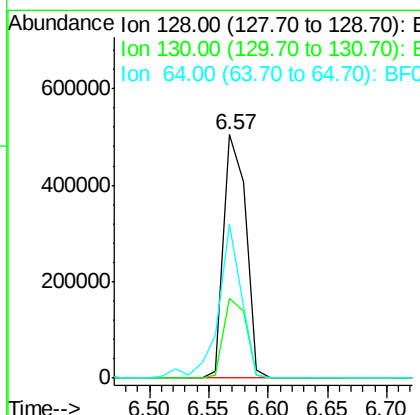
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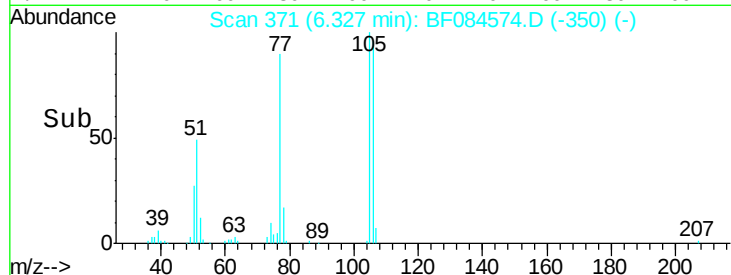
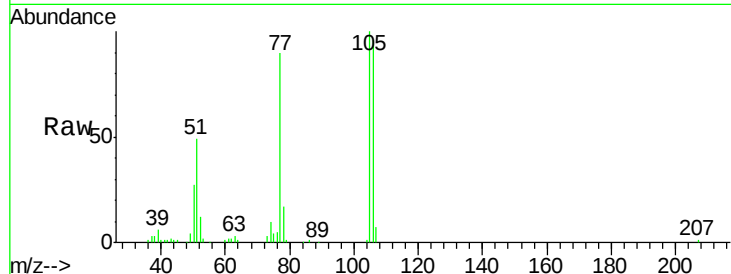
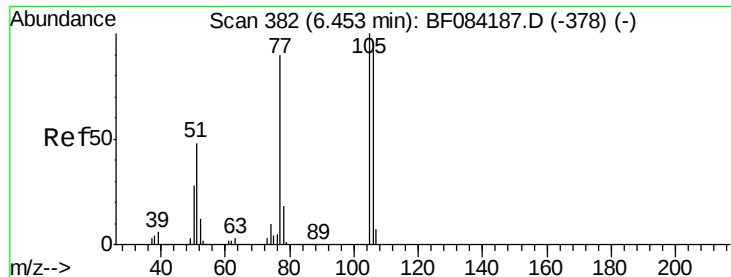
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#8
2-Chlorophenol
Concen: 44.18 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.06 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion:128 Resp: 648572
Ion Ratio Lower Upper
128 100
130 32.8 11.6 51.6
64 63.2 23.8 63.8





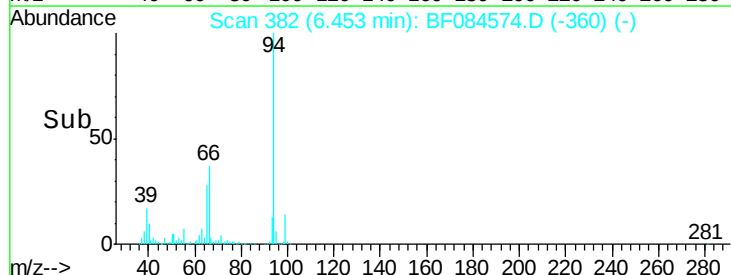
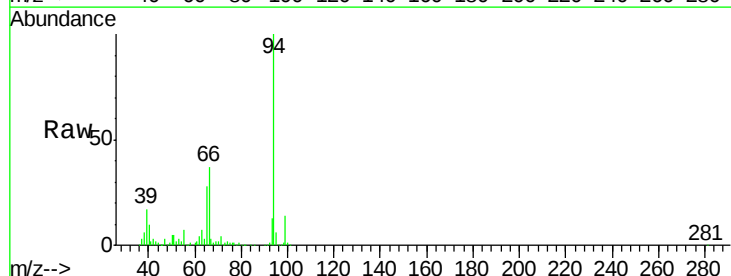
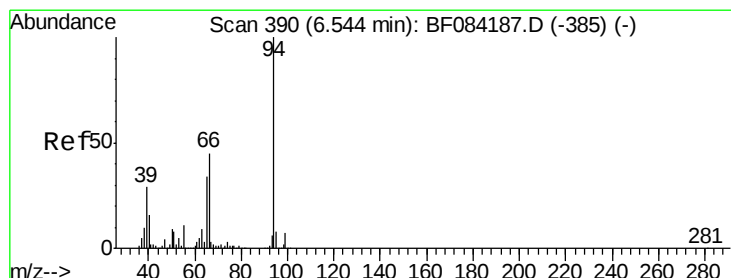
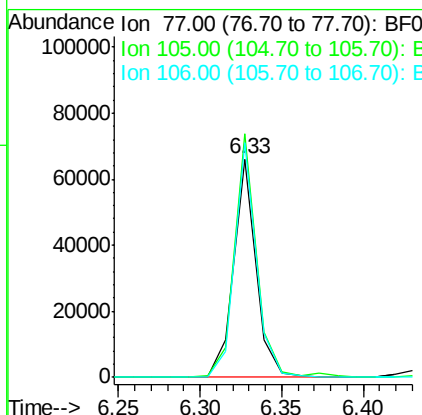
#9
Benzaldehyde
Concen: 5.86 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.06 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tot Ion	Ratio	Lower	Upper
77	100		
105	111.4	83.0	123.0
106	107.3	74.6	114.6

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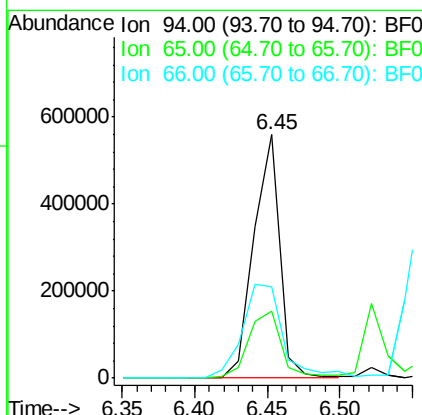
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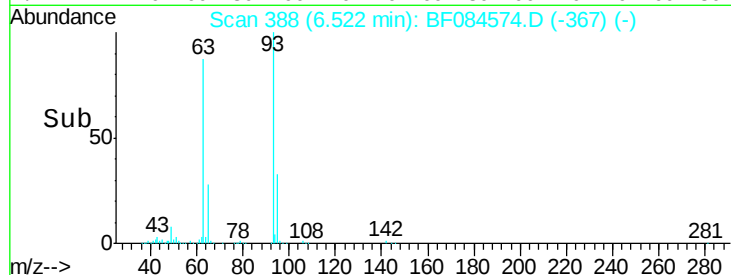
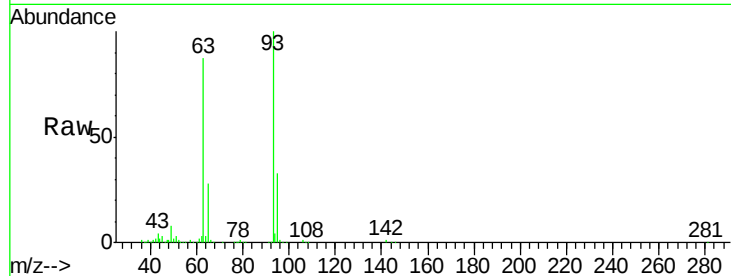
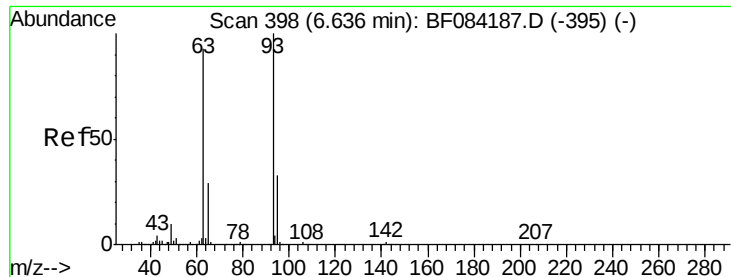
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#10
Phenol
Concen: 37.60 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.5	12.9	52.9
66	37.4	32.7	72.7





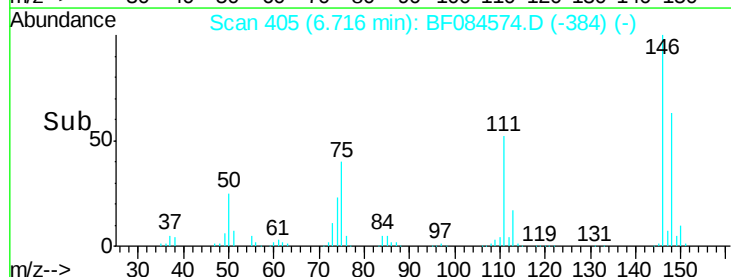
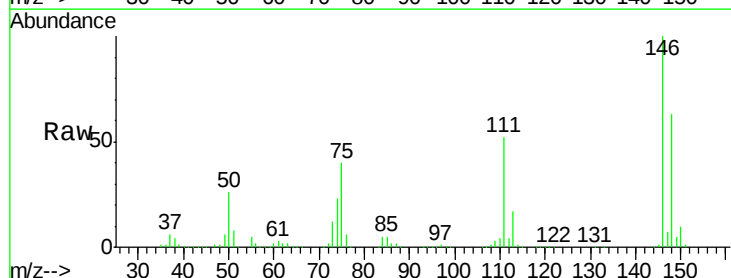
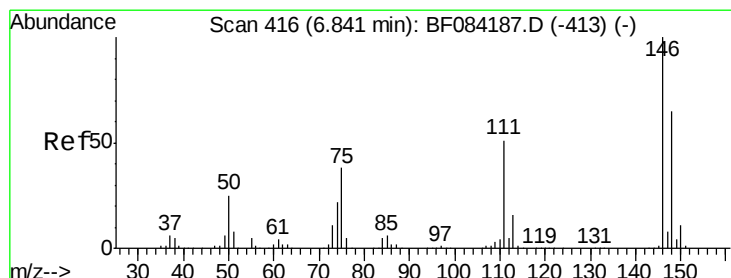
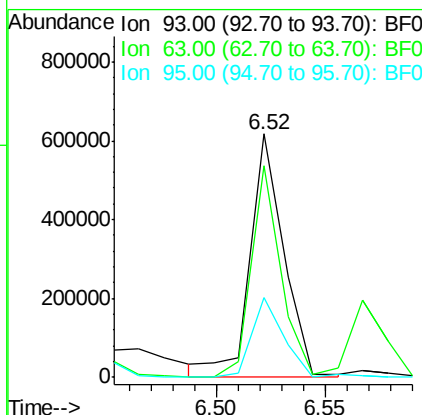
#11
bis(2-Chloroethyl)ether
Concen: 46.47 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.06 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tot Ion	Ratio	Resp	Lower	Upper
93	100	665082		
63	87.1	45.9	85.9#	
95	32.8	12.3	52.3	

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

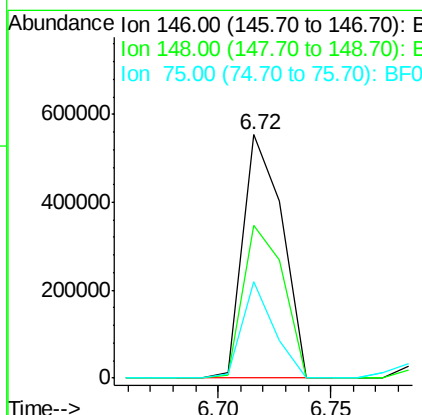
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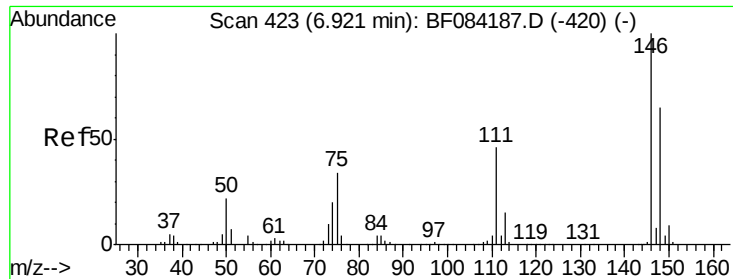
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#12
1,3-Dichlorobenzene
Concen: 43.94 ng m
RT: 6.72 min Scan# 405
Delta R.T. -0.06 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	665306		
148	62.9	51.9	77.9	
75	39.6	20.5	30.7#	





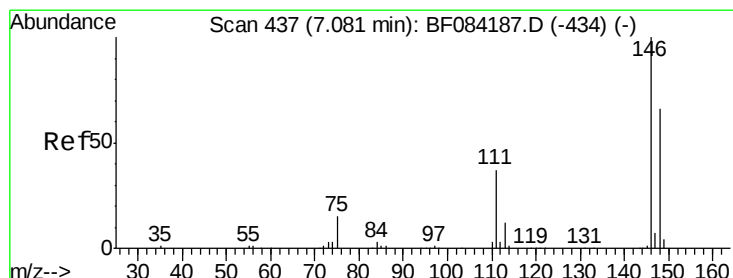
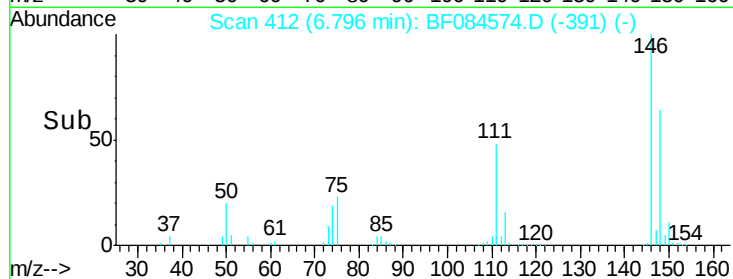
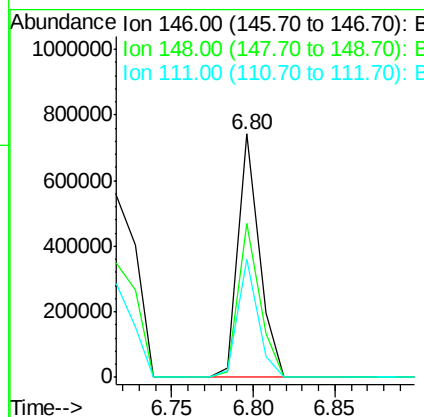
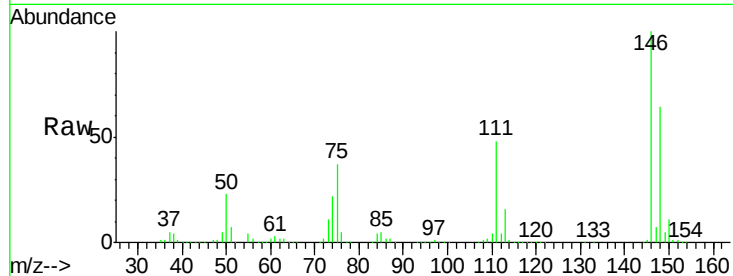
#13
1,4-Dichlorobenzene
Concen: 43.79 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
111	48.4	41.6	62.4

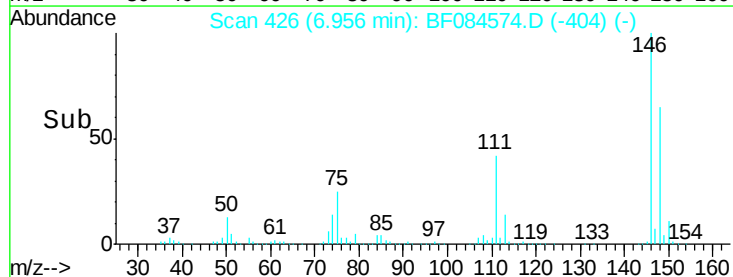
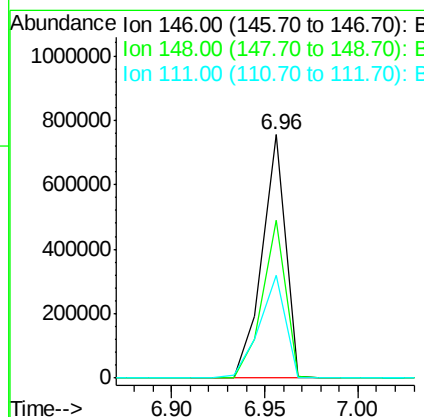
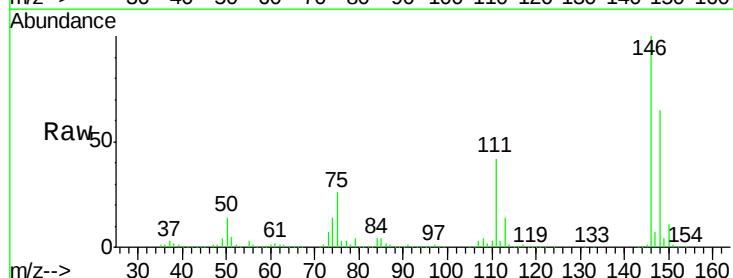
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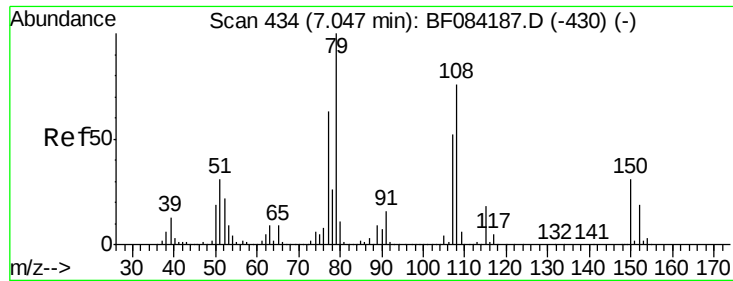
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#14
1,2-Dichlorobenzene
Concen: 45.13 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	42.3	38.0	57.0





#15

Benzyl Alcohol

Concen: 39.88 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

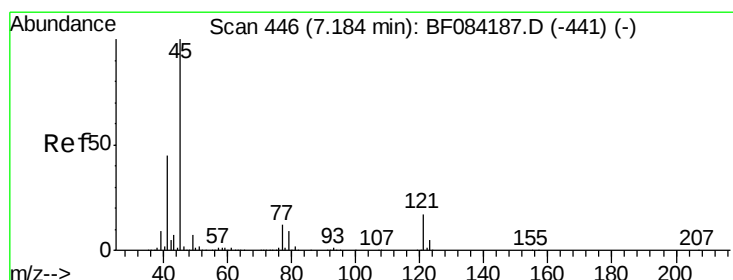
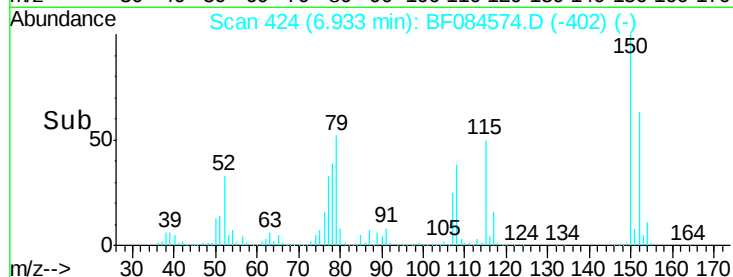
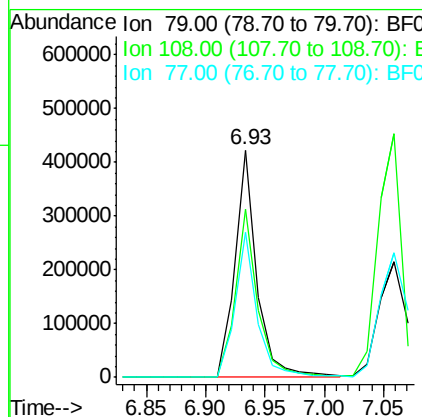
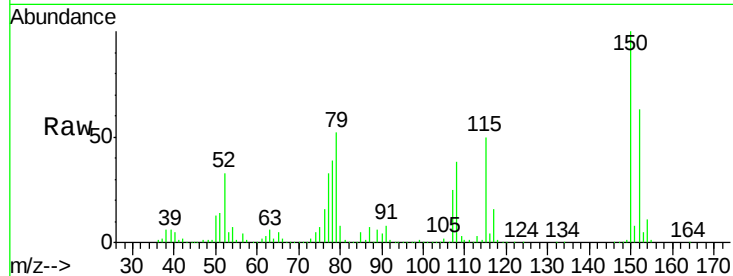
ClientSampleId :

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Tot Ion:	79	Resp:	545111
Ion Ratio	Lower	Upper	
79	100		
108	74.2	69.0	103.4
77	63.8	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.25 ng

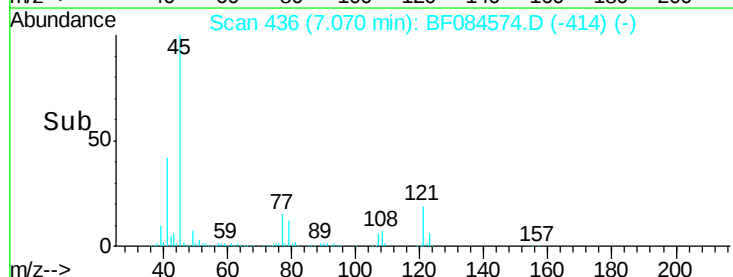
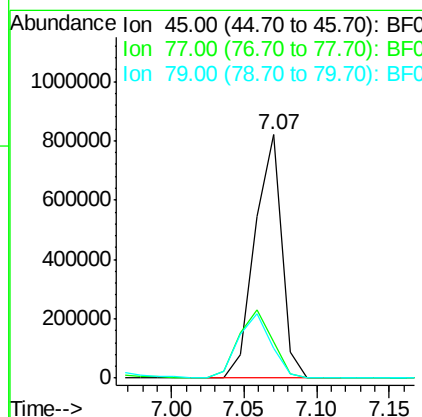
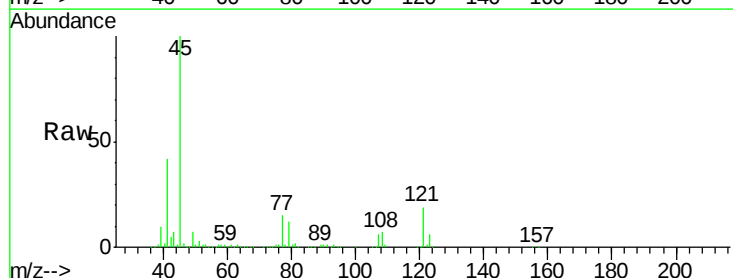
RT: 7.07 min Scan# 436

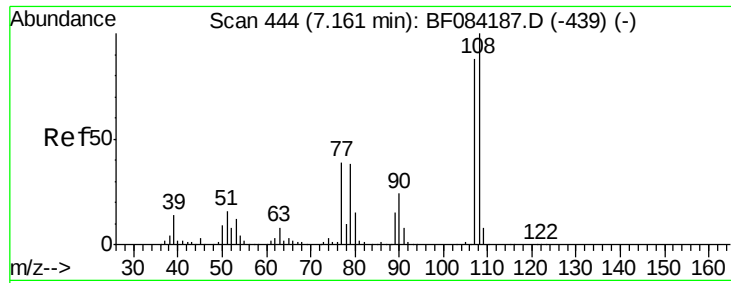
Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion:	45	Resp:	1049026
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	39.6
79	12.2	0.0	35.0





#17

2-Methylphenol

Concen: 43.72 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

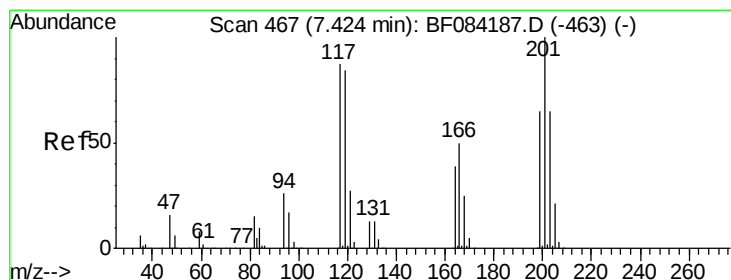
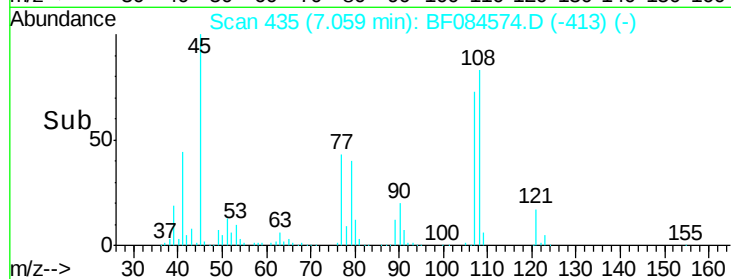
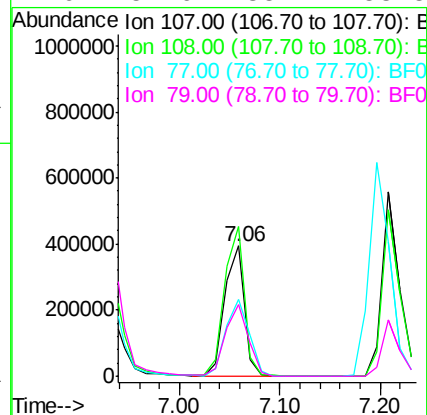
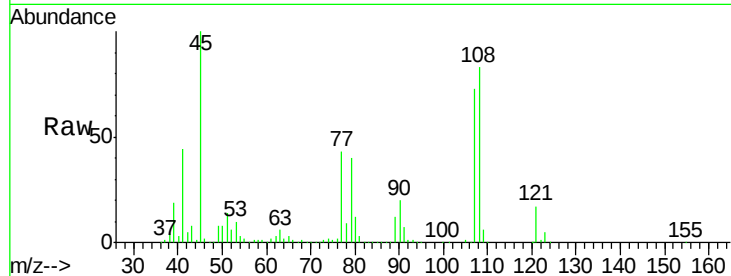
ClientSampleId :

SULFURCAKEMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		537797		
108	114.7	89.8	134.6		
77	58.7	35.7	53.5#		
79	54.6	35.7	53.5#		

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#18

Hexachloroethane

Concen: 44.59 ng

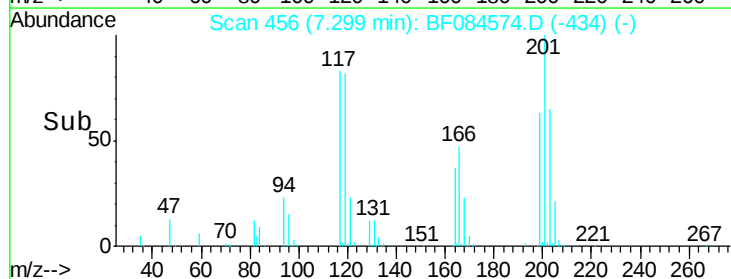
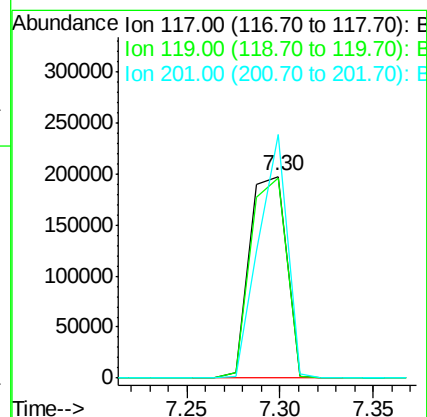
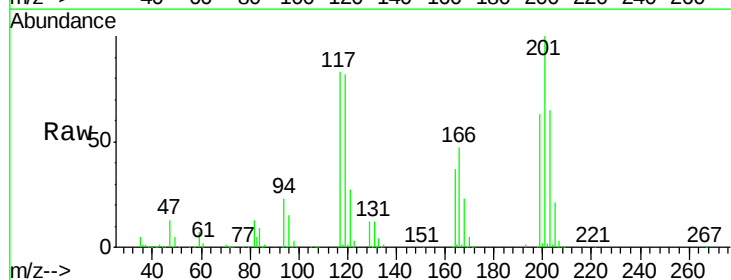
RT: 7.30 min Scan# 456

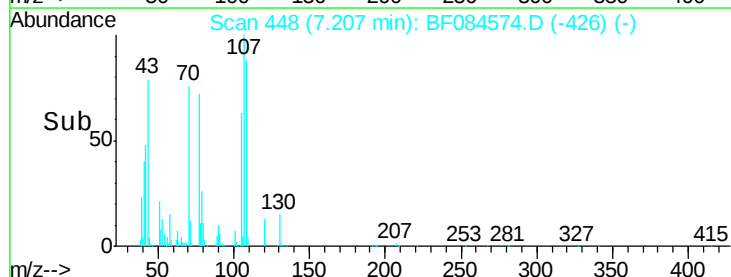
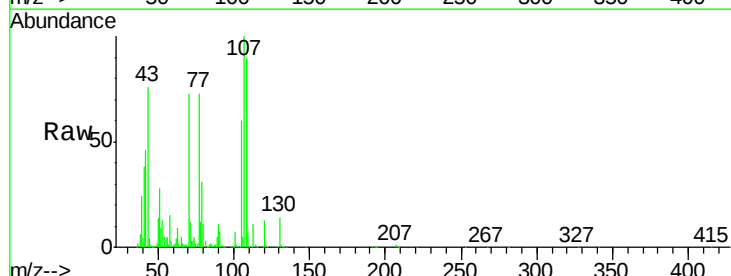
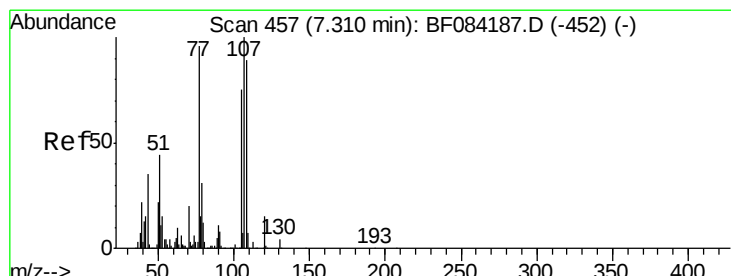
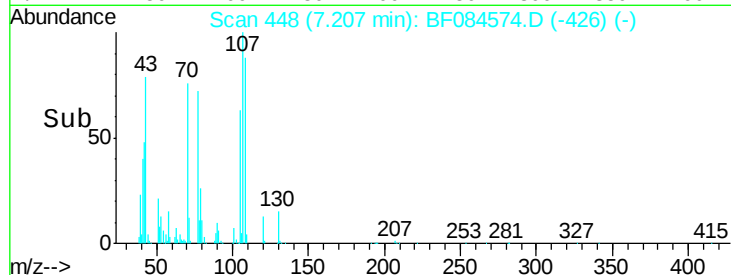
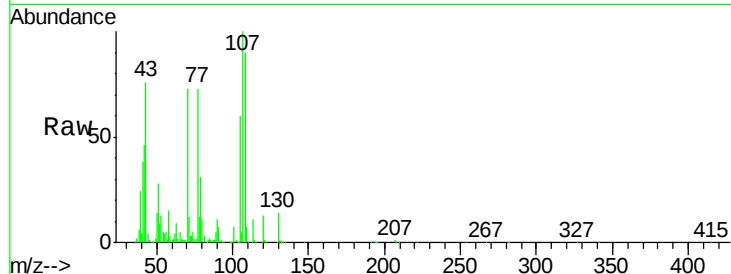
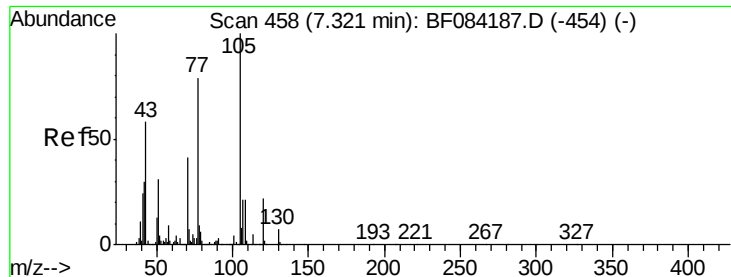
Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		270720		
119	99.5	77.4	116.0		
201	120.7	68.6	103.0#		





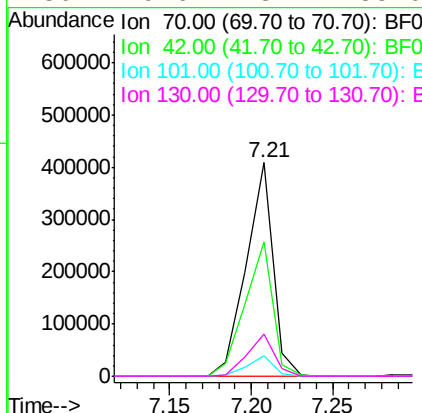
#19
n-Nitroso-di-n-propylamine
Concen: 42.39 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	33.3	49.9#
101	9.5	9.3	13.9
130	19.6	23.4	35.0#

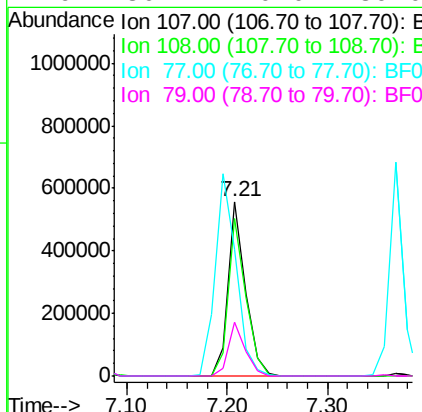
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#20
3+4-Methylphenols
Concen: 46.52 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	74.6	114.6
77	72.6	0.7	40.7#
79	30.7	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

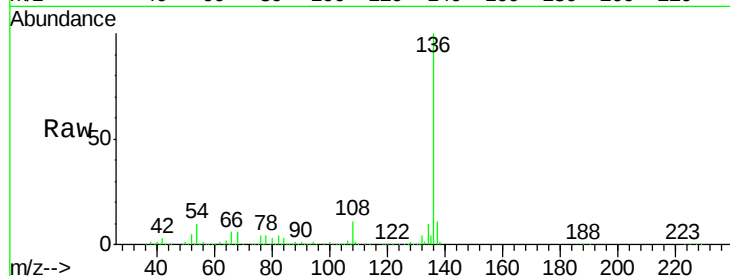
ClientSampleId :

SULFURCAKEMSD

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Tot Ion	Ratio	Resp	Lower	Upper
136	100	854776		
137	11.4	8.7	13.1	
54	9.7	5.8	8.8	
68	5.8	4.2	6.2	

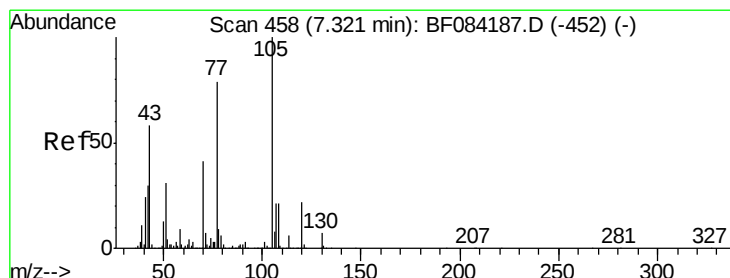
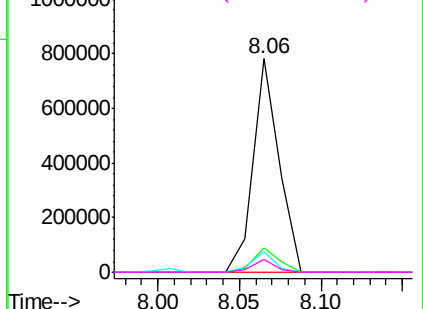
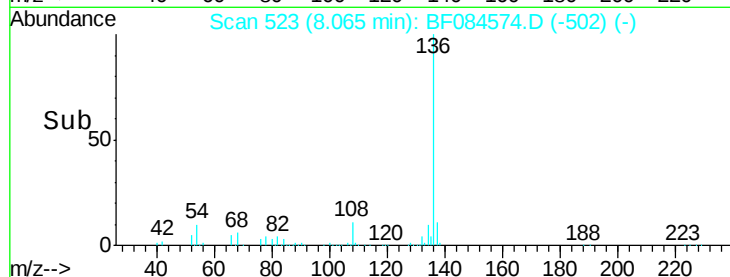


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.24 ng

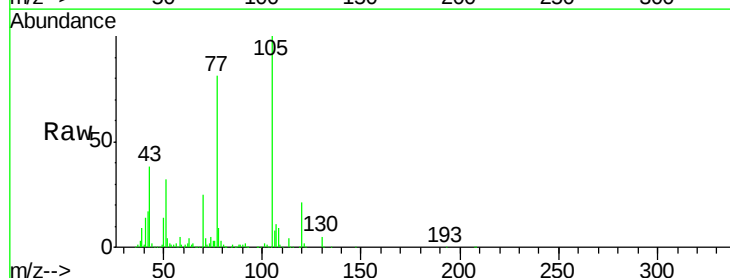
RT: 7.20 min Scan# 447

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	950388		
71	4.1	3.7	5.5	
51	32.2	25.1	37.7	
120	20.8	16.6	25.0	

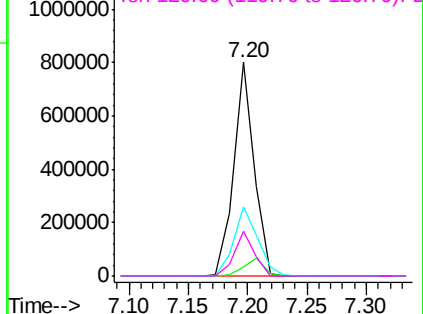
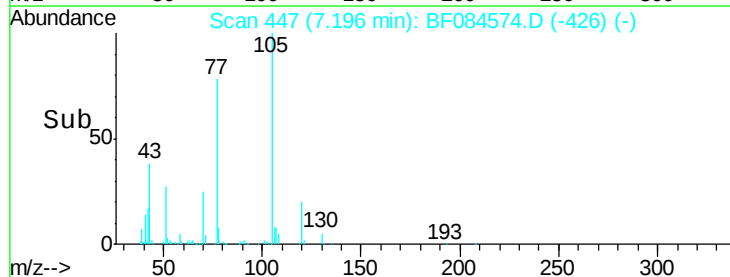


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 94.72 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tot Ion: 82 Resp: 1454698

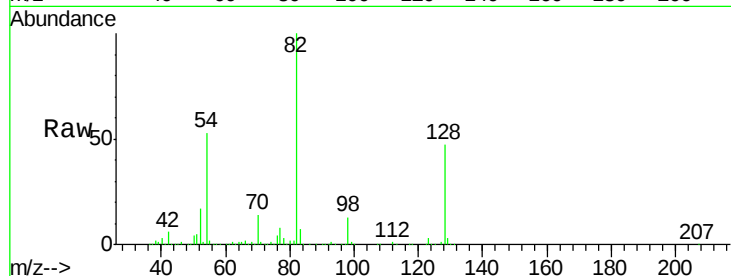
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.6	51.8
54	53.4	38.4	57.6

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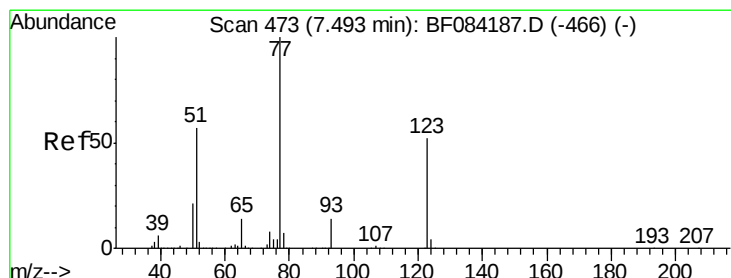
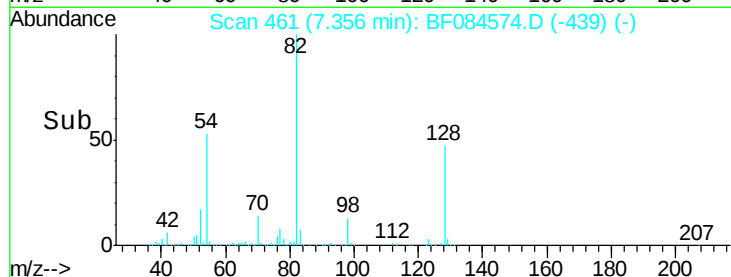
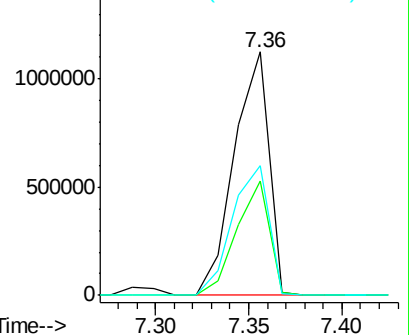
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.94 ng

RT: 7.37 min Scan# 462

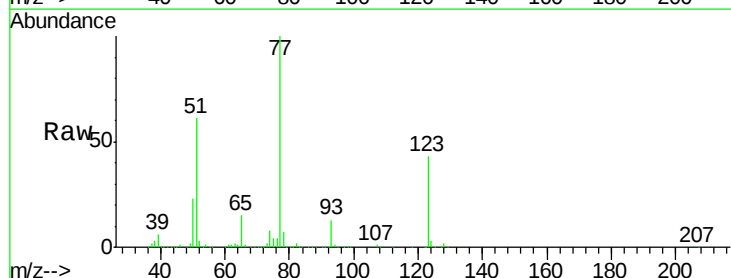
Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion: 77 Resp: 637699

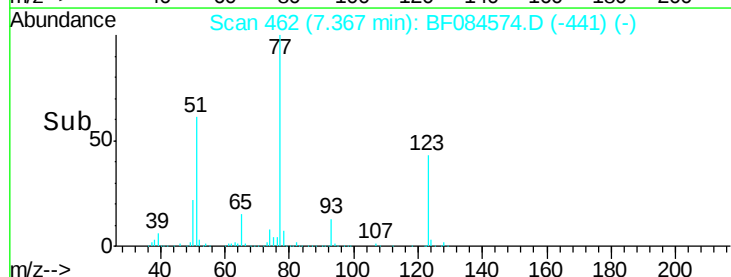
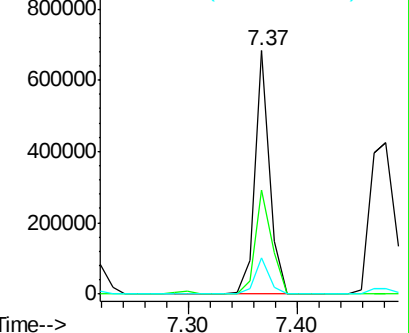
Ion	Ratio	Lower	Upper
77	100		
123	42.8	37.4	56.2
65	15.1	10.9	16.3

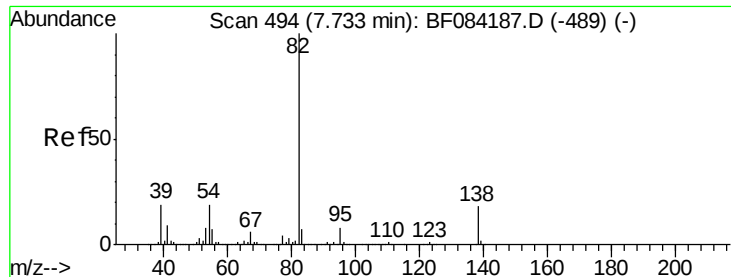


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.05 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

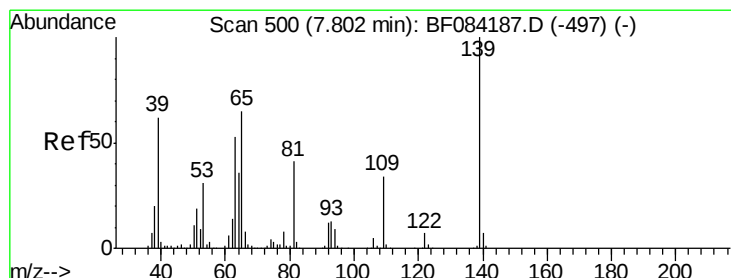
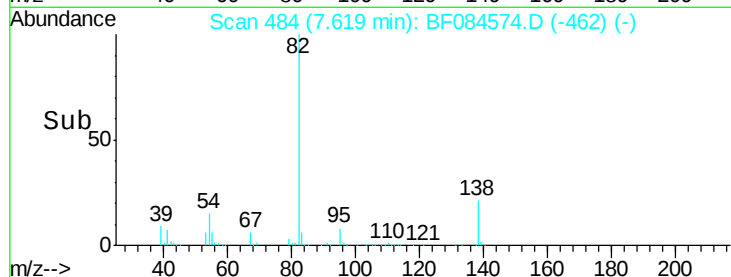
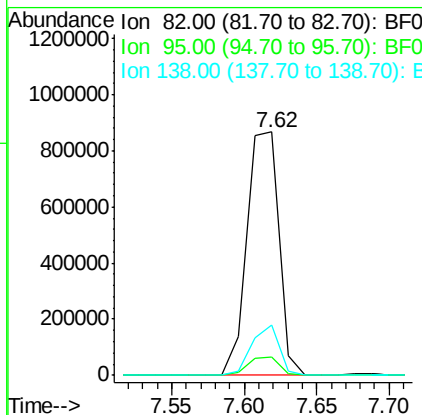
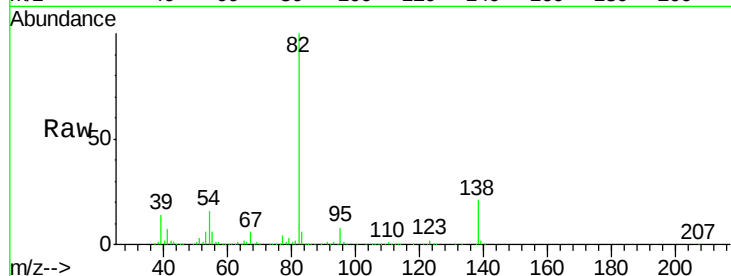
ClientSampleId :

SULFURCAKEMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.6	10.0
138	20.9	13.6	20.4

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#26

2-Nitrophenol

Concen: 53.69 ng

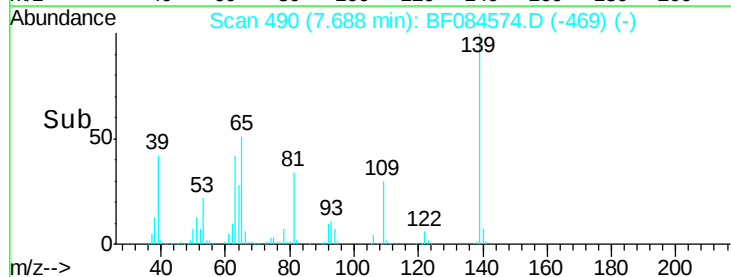
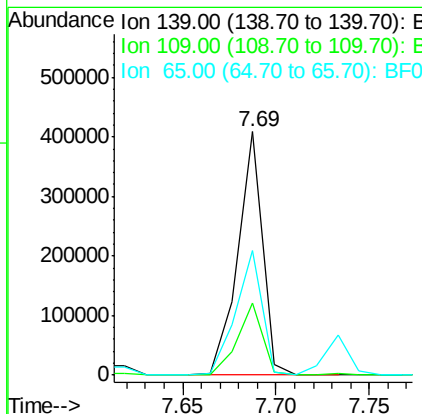
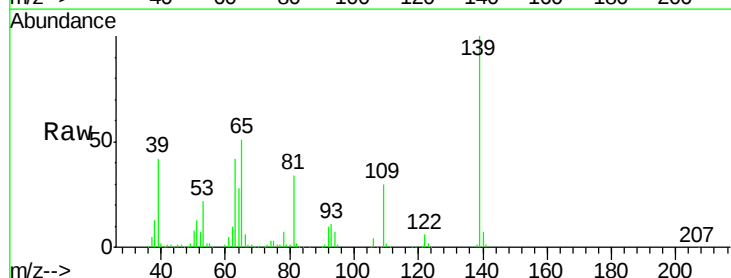
RT: 7.69 min Scan# 490

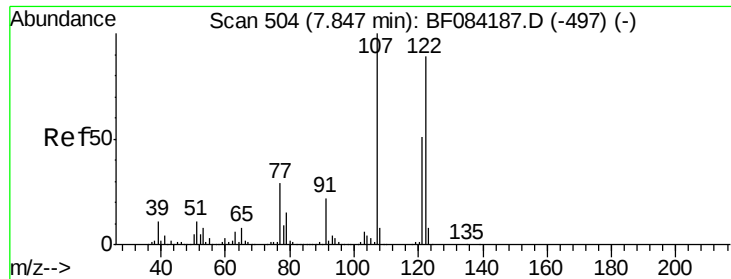
Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.7	25.4	38.2
65	51.3	32.3	48.5





#27

2,4-Dimethylphenol

Concen: 42.84 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

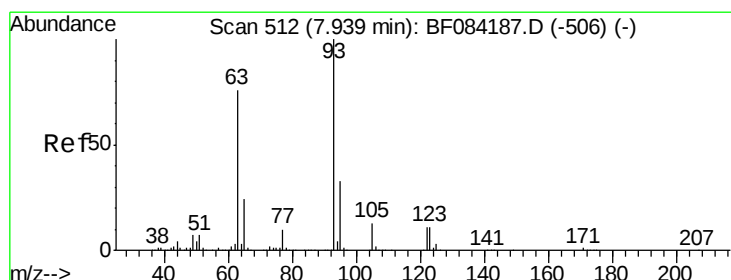
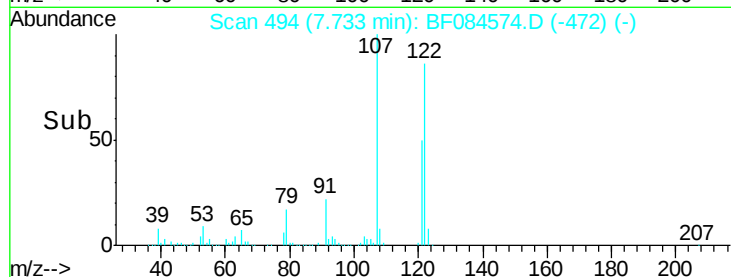
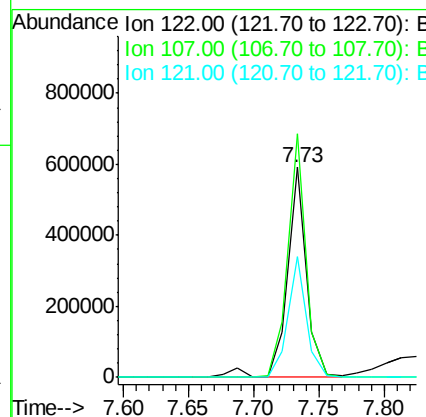
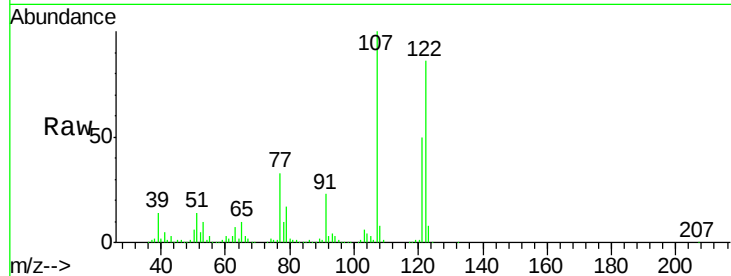
ClientSampleId :

SULFURCAKEMSD

Tot Ion:	122	Resp:	614750
Ion Ratio	Lower	Upper	
122	100		
107	115.9	99.1	148.7
121	57.4	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 45.52 ng

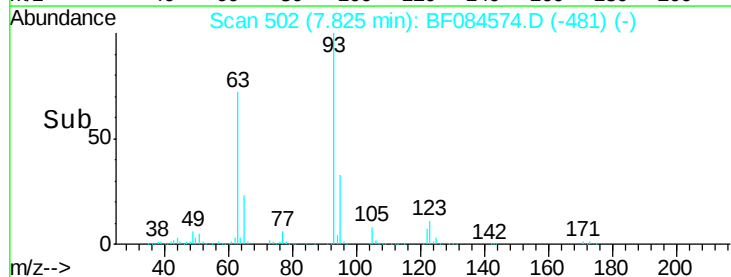
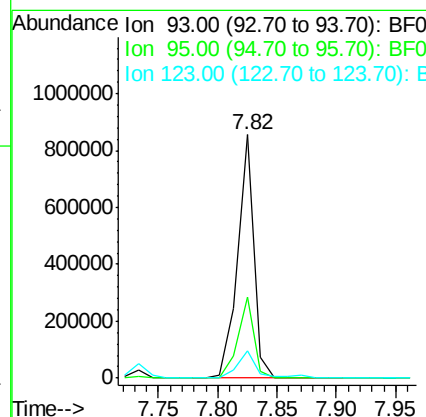
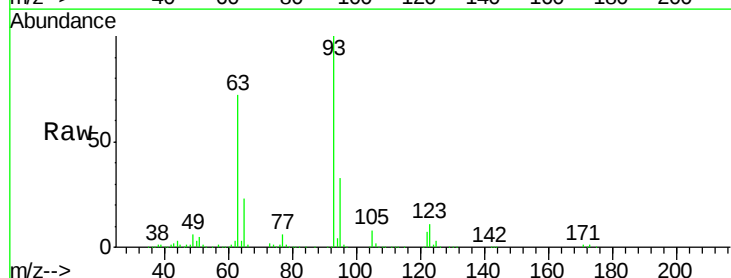
RT: 7.82 min Scan# 502

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion:	93	Resp:	816784
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.8	38.6
123	11.0	8.6	12.8





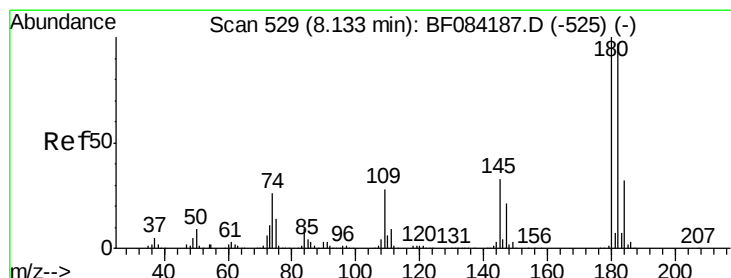
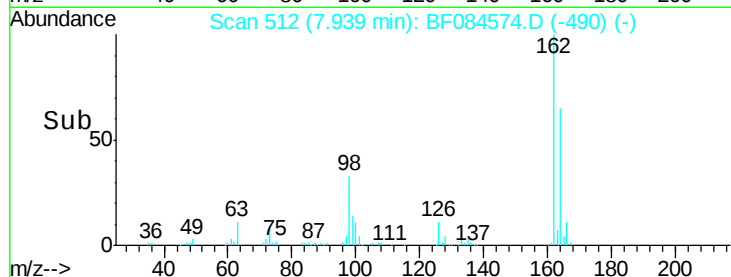
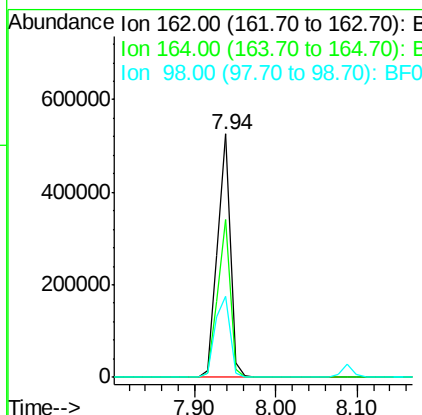
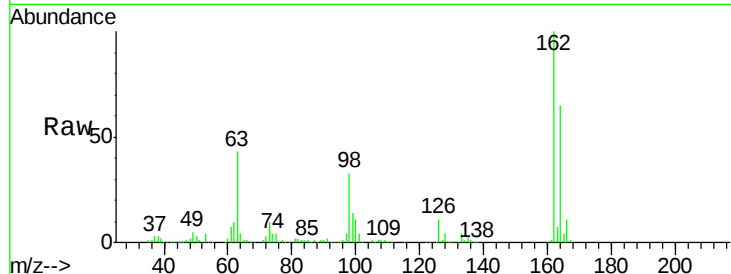
#29
2,4-Dichlorophenol
Concen: 48.65 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	581497		
164	64.7	44.1	84.1	
98	33.1	20.2	60.2	

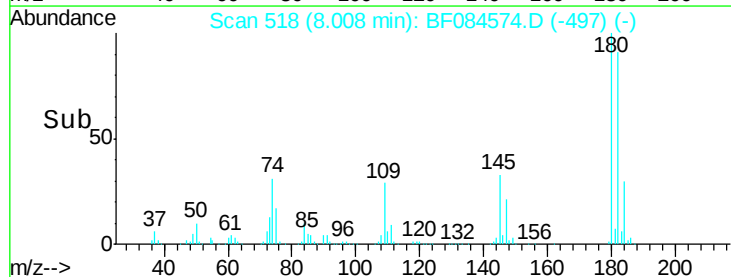
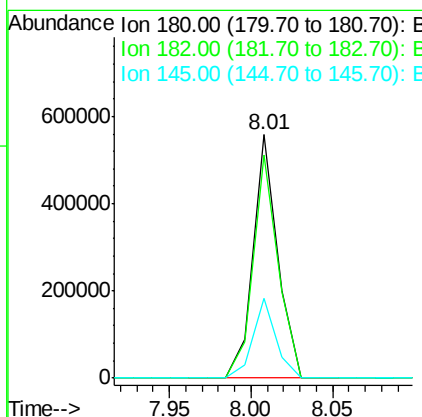
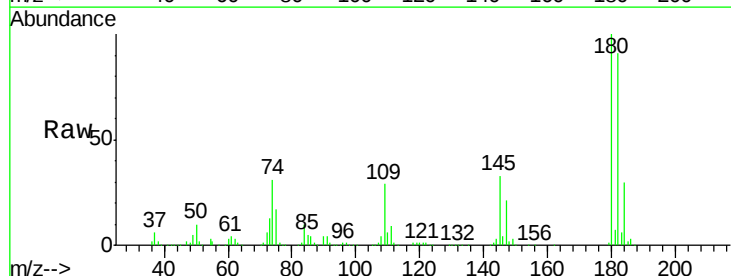
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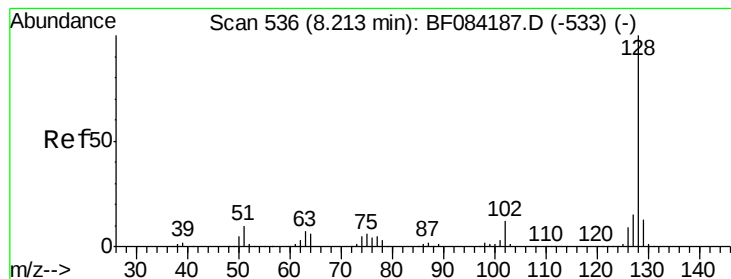
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#30
1,2,4-Trichlorobenzene
Concen: 47.18 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	582170		
182	91.4	76.4	114.6	
145	32.7	31.6	47.4	





#31

Naphthalene

Concen: 50.54 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

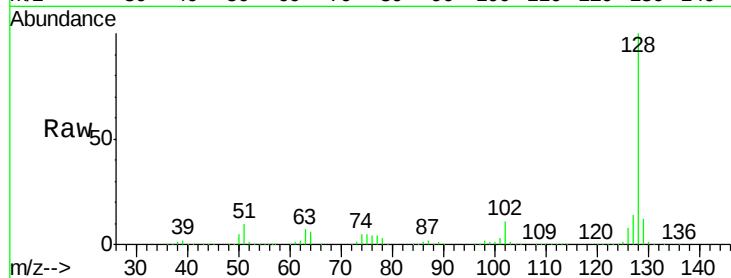
ClientSampleId :

SULFURCAKEMSD

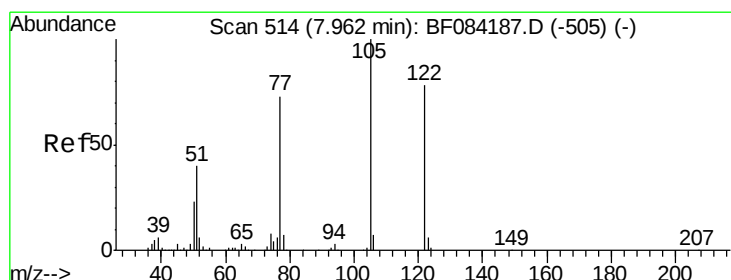
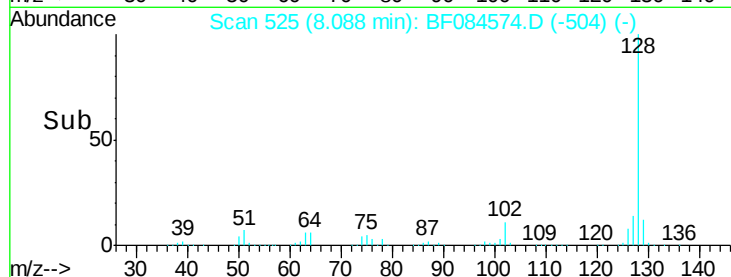
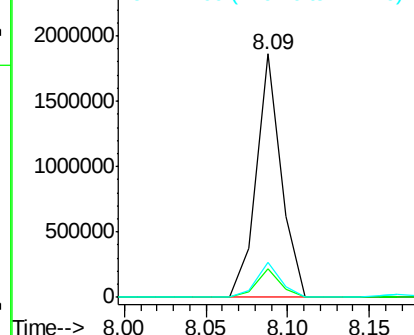
Tot	Ion:128	Resp:	1960004
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	14.4	11.1	16.7

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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: 45.48 ng

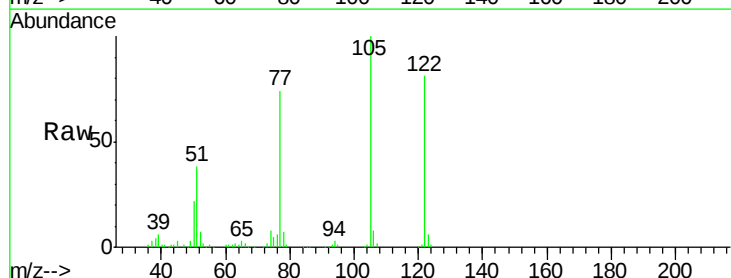
RT: 7.87 min Scan# 506

Delta R.T. -0.02 min

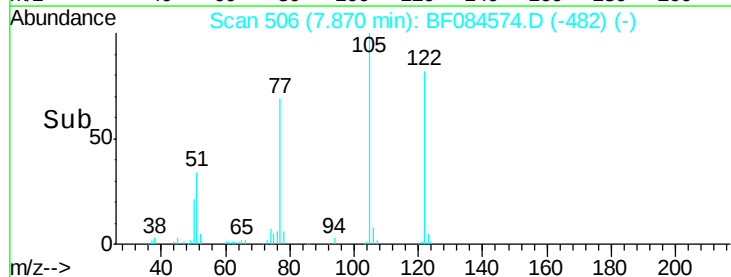
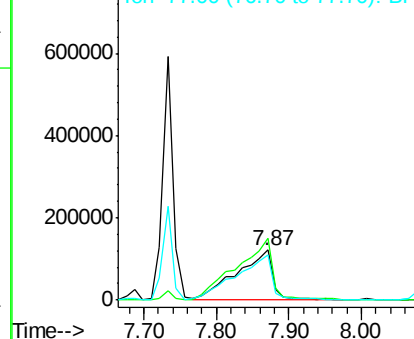
Lab File: BF084574.D

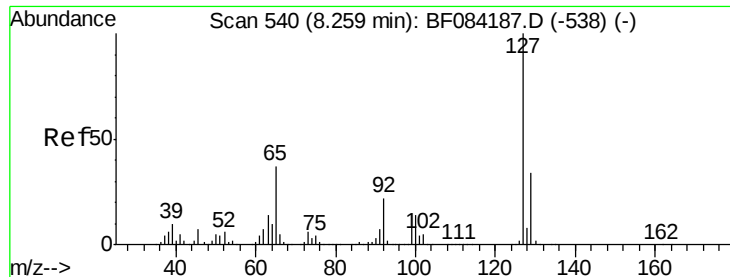
Acq: 20 Jan 2016 19:41

Tgt	Ion:122	Resp:	416339
Ion	Ratio	Lower	Upper
122	100		
105	122.9	100.3	140.3
77	91.2	63.5	103.5



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





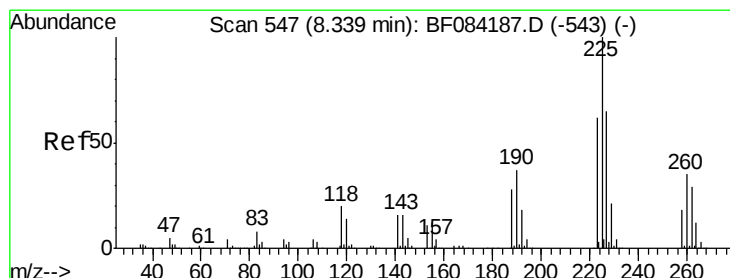
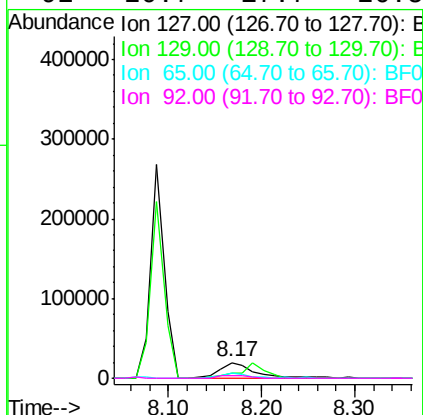
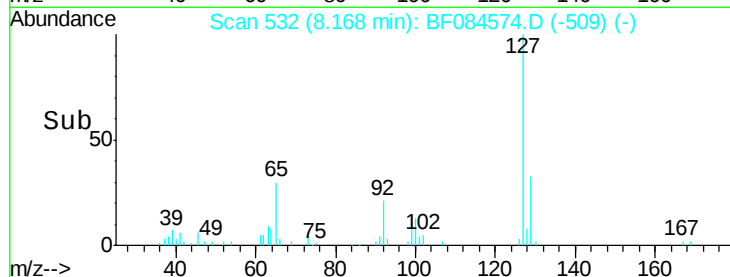
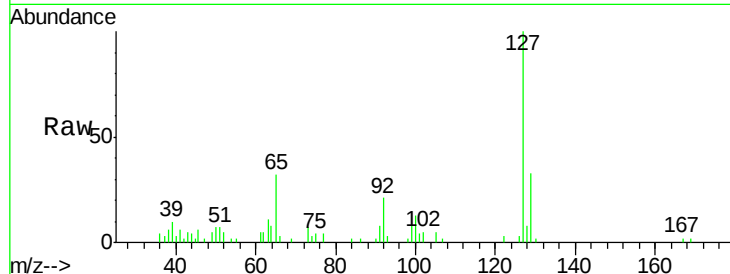
#33
4-Chloroaniline
Concen: 2.76 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		49017		
129	33.2	26.5	39.7		
65	31.8	27.2	40.8		
92	20.7	17.7	26.5		

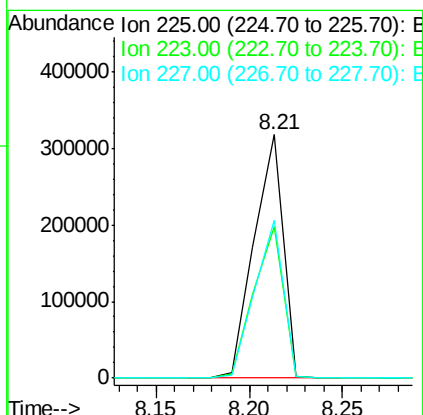
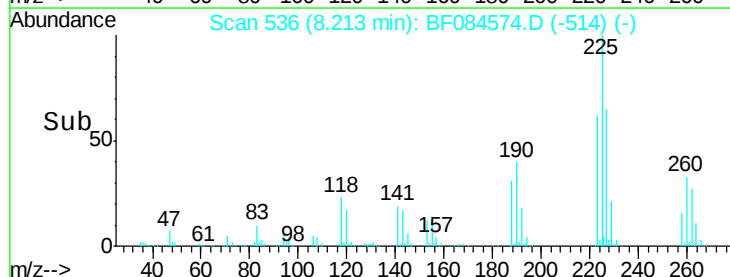
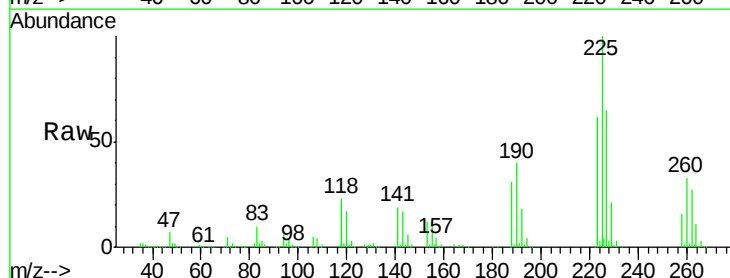
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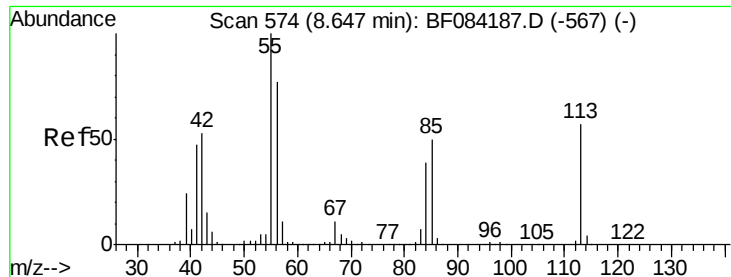
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#34
Hexachlorobutadiene
Concen: 48.24 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		342171		
223	62.3	49.4	74.0		
227	64.8	50.8	76.2		





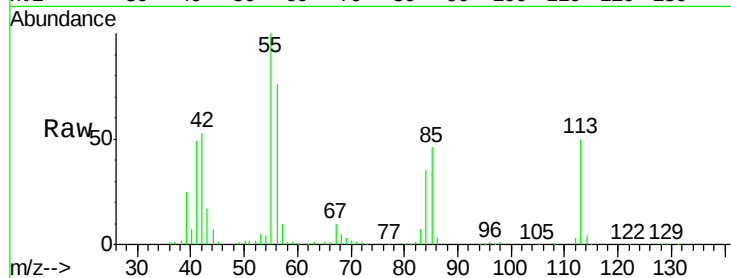
#35
 Caprolactam
 Concen: 41.25 ng/ml
 RT: 8.53 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

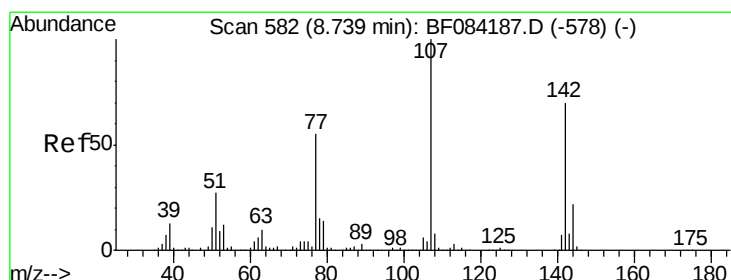
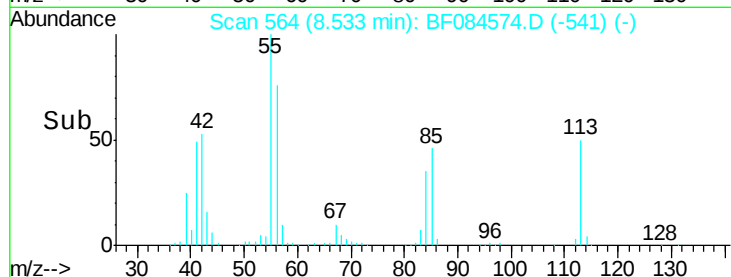
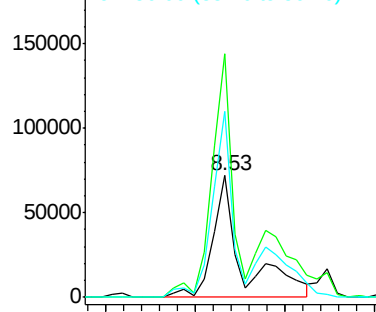
Tot Ion	Ratio	Lower	Upper
113	100		
55	200.0	116.9	156.9#
56	152.8	93.8	133.8#

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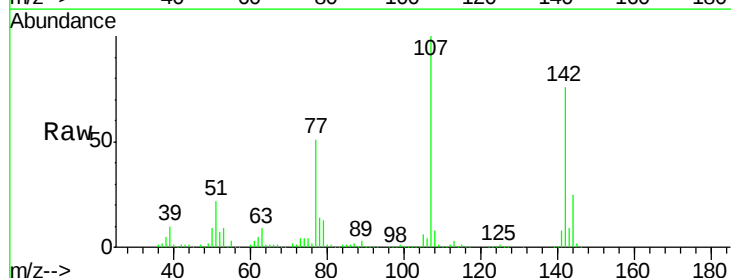


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

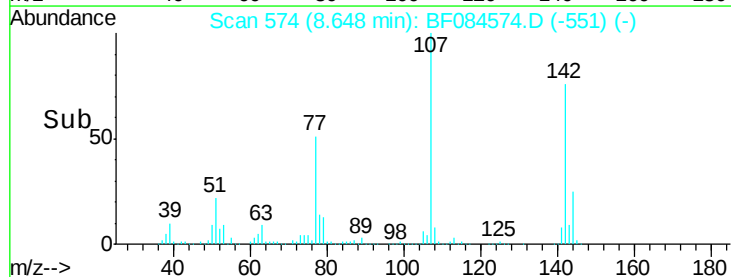
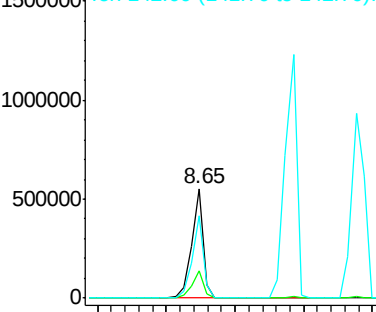


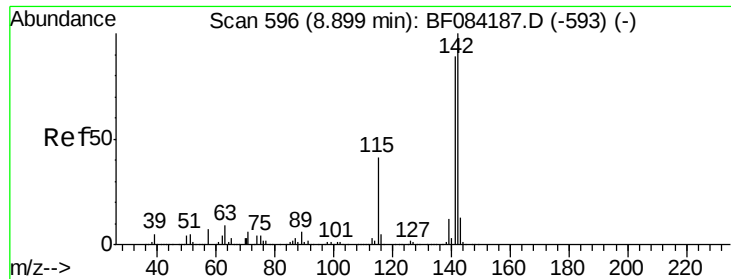
#36
 4-Chloro-3-methylphenol
 Concen: 48.88 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.03 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.7	29.5
142	75.9	61.8	92.6



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





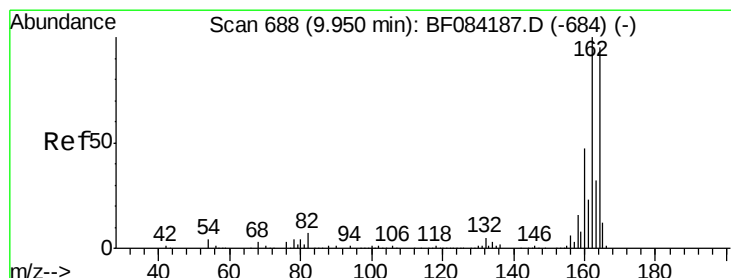
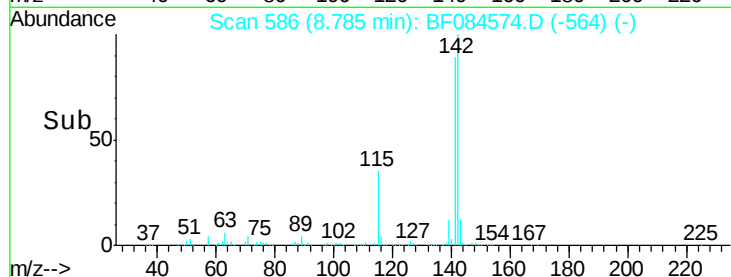
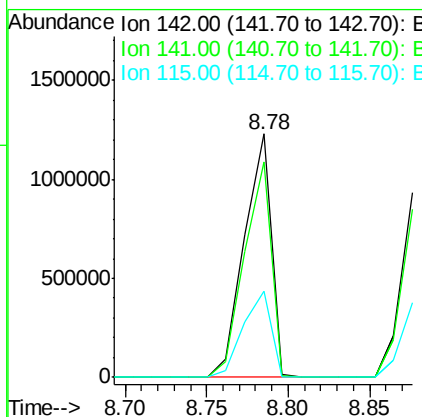
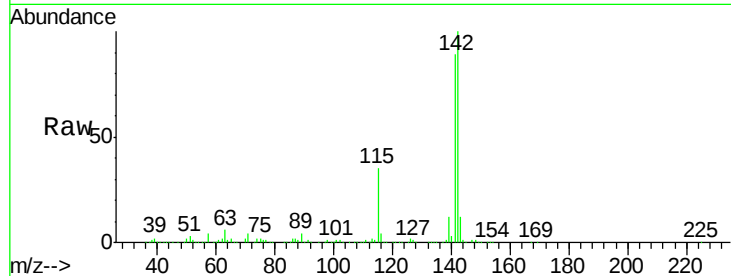
#37
2-Methylnaphthalene
Concen: 50.72 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.4	108.6
115	35.2	27.9	41.9

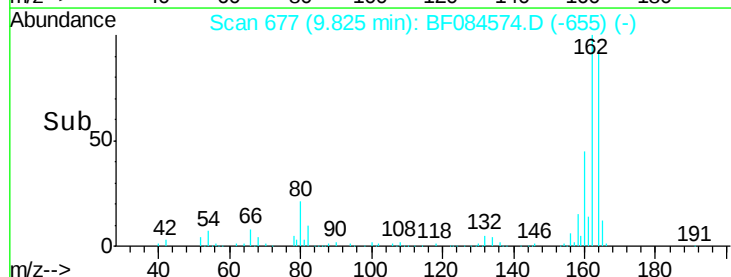
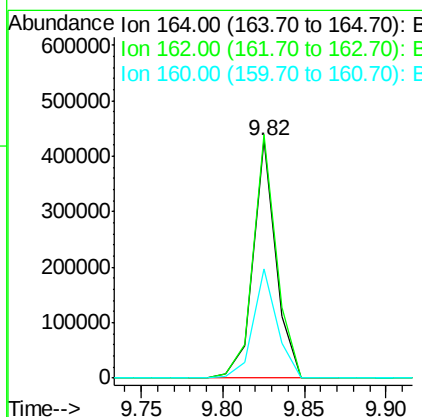
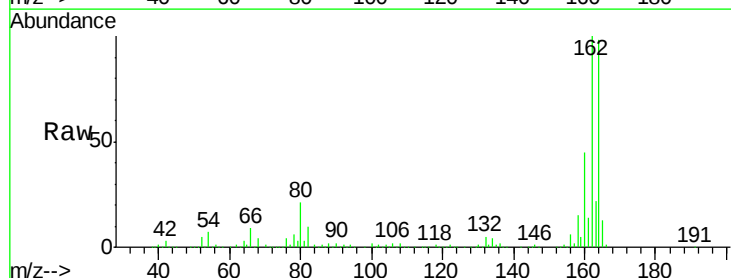
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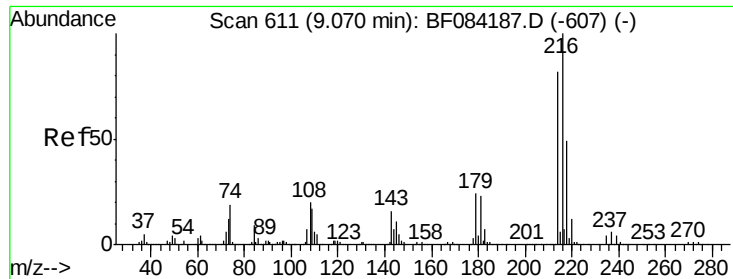
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.1	127.7
160	46.0	37.5	56.3





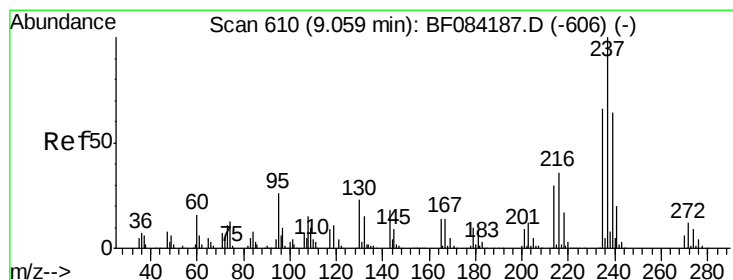
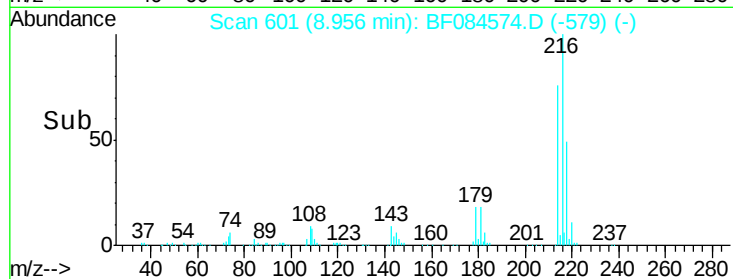
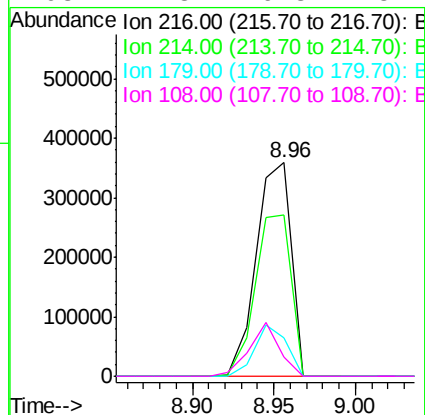
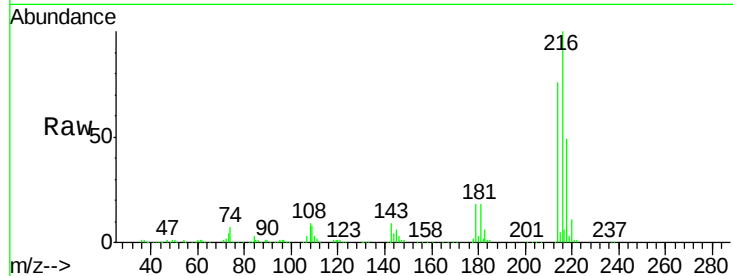
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.40 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		533550		
214	78.0		64.2	96.2	
179	22.1		18.7	28.1	
108	21.8		16.8	25.2	

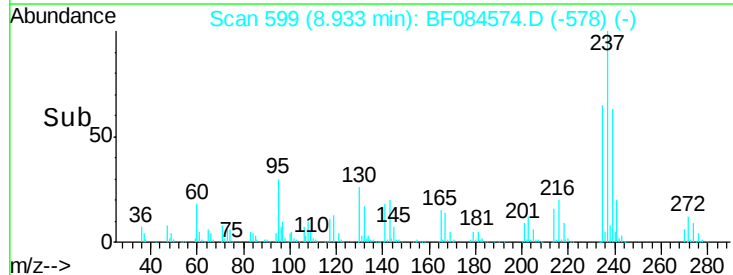
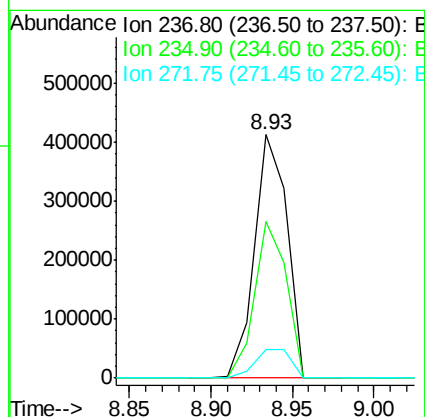
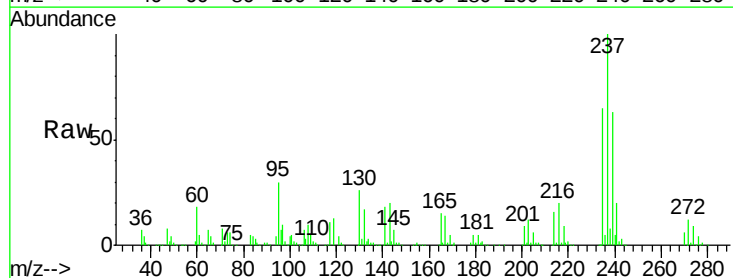
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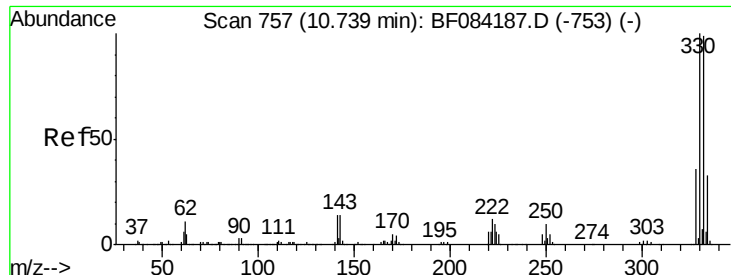
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#40
 Hexachlorocyclopentadiene
 Concen: 78.50 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.06 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		569426		
235	64.6		43.1	83.1	
272	11.8		0.0	35.1	





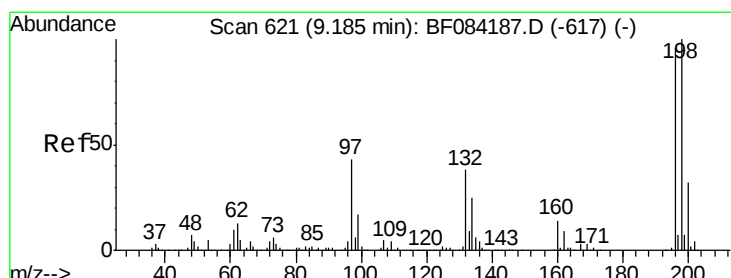
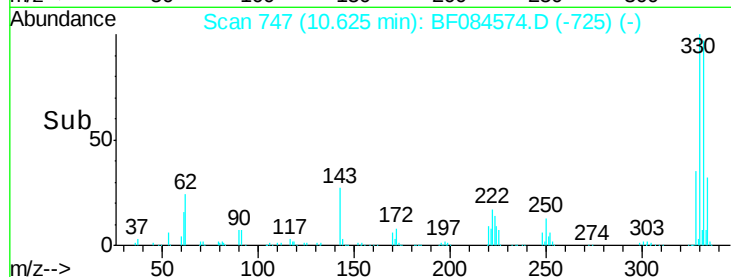
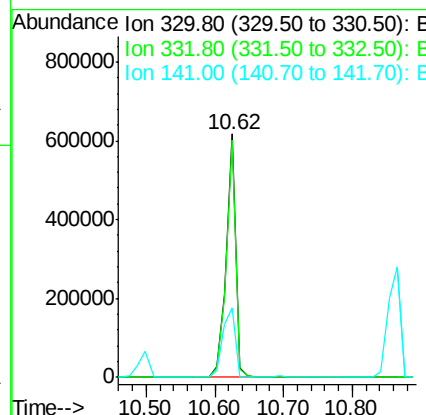
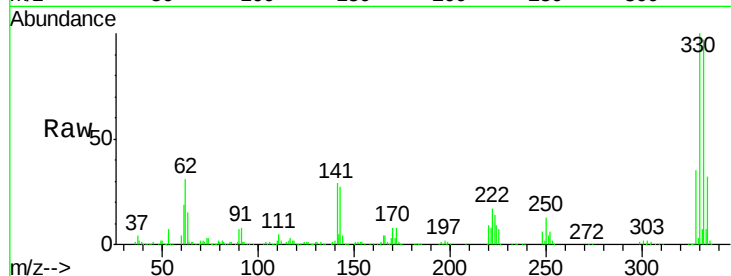
#41
 2,4,6-Tribromophenol
 Concen: 144.58 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	610117		
332	96.9	76.6	114.8	
141	37.7	27.8	41.6	

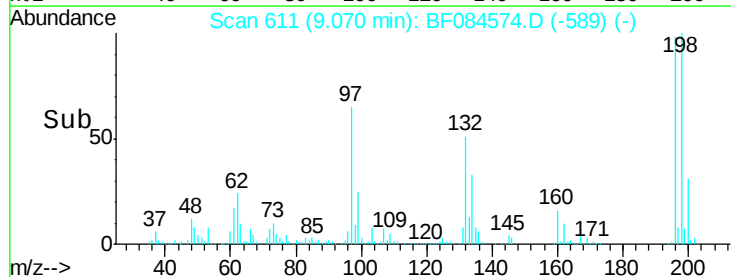
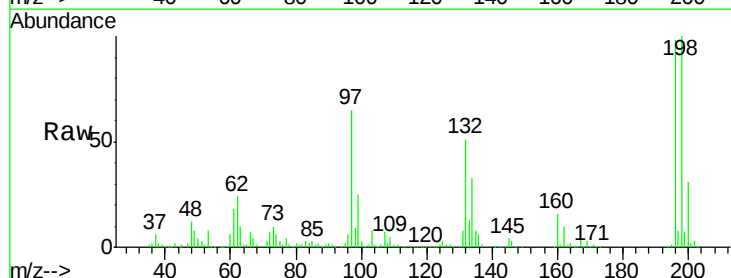
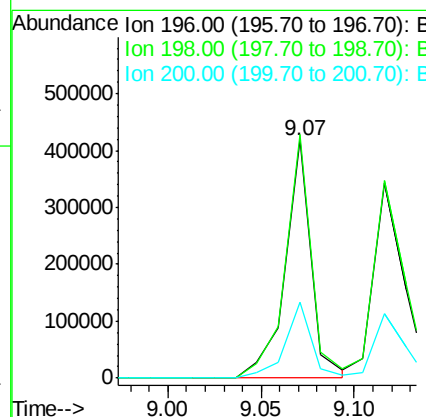
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#42
 2,4,6-Trichlorophenol
 Concen: 45.21 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	406470		
198	102.3	77.7	116.5	
200	32.0	24.6	37.0	





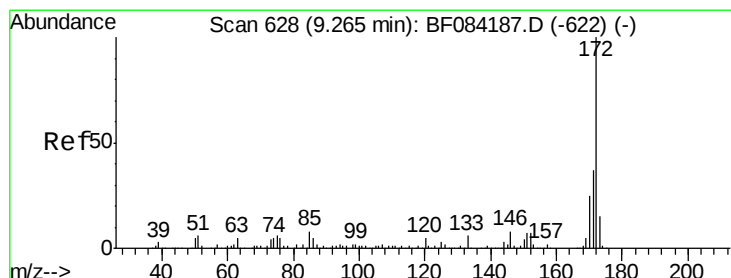
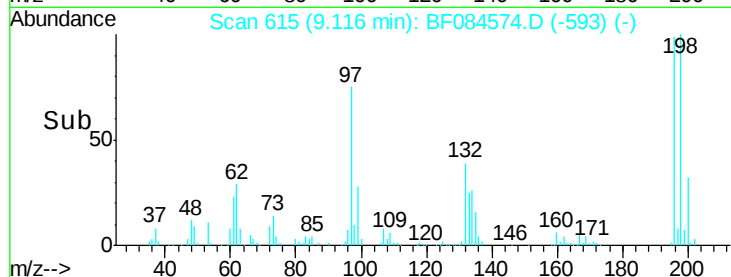
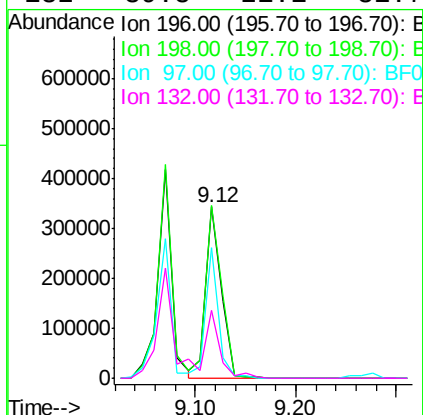
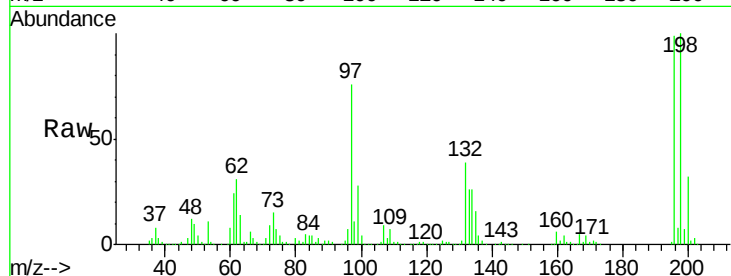
#43
 2,4,5-Trichlorophenol
 Concen: 43.31 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.1	79.0	118.6	
97	76.5	33.0	49.6	
132	39.8	21.1	31.7	

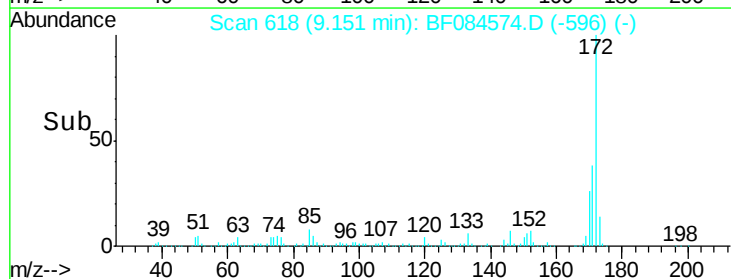
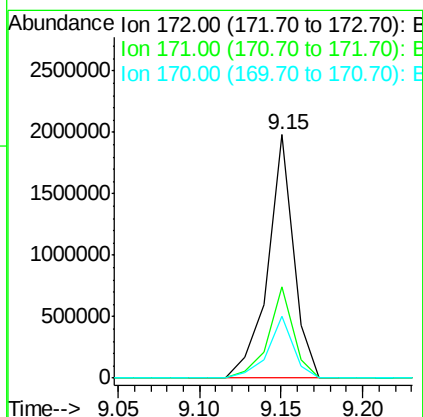
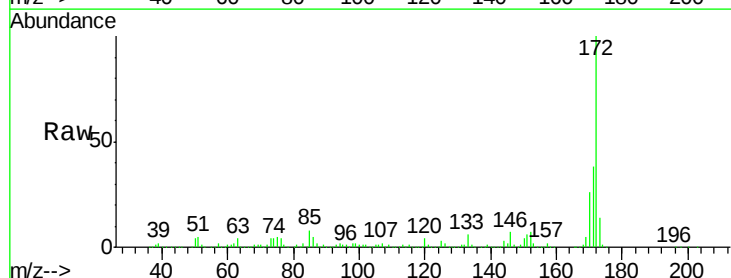
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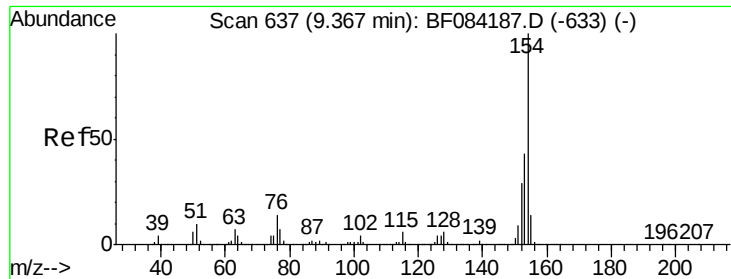
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#44
 2-Fluorobiphenyl
 Concen: 92.45 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.7	28.9	43.3	
170	25.6	18.6	27.8	





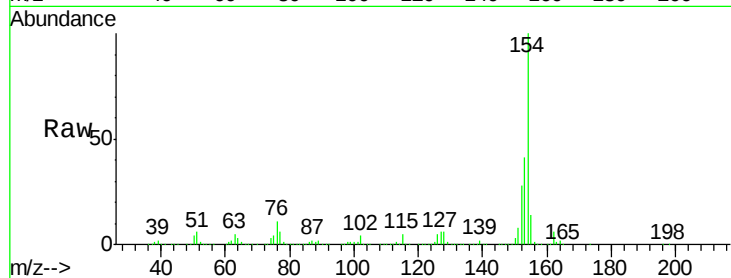
#45
1,1'-Biphenyl
Concen: 50.40 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

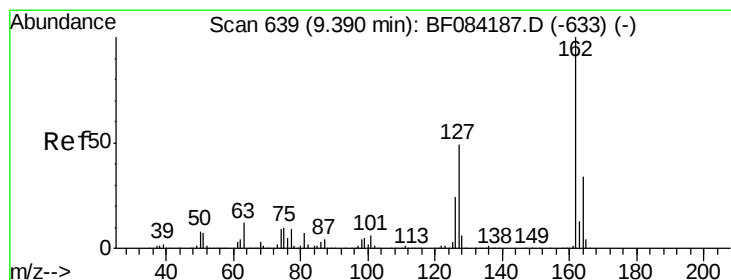
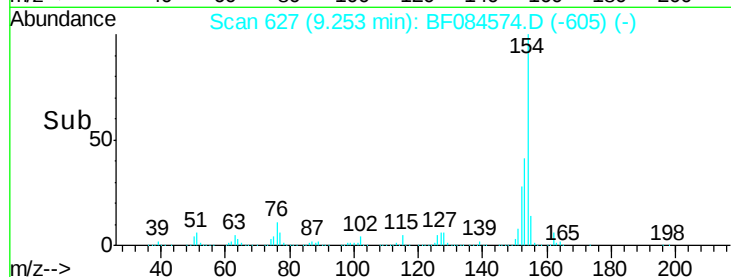
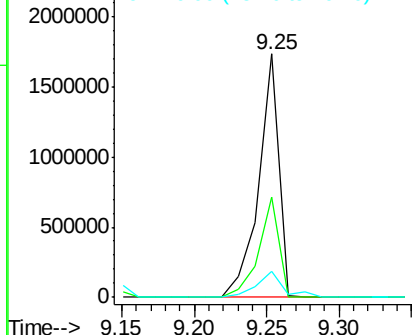
Tot Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.4	21.6	61.6	
76	10.5	0.0	32.7	

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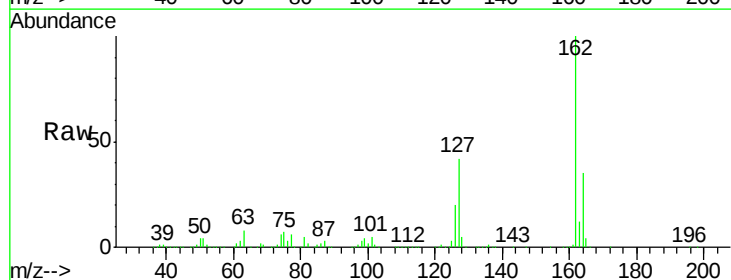


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

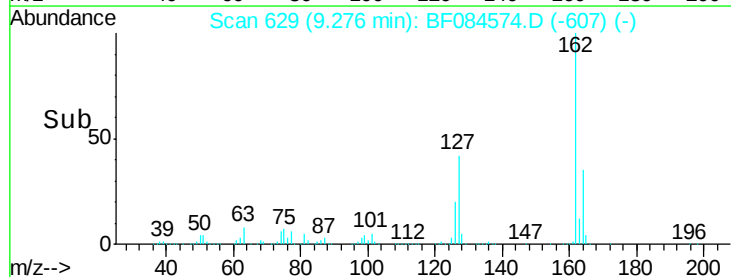
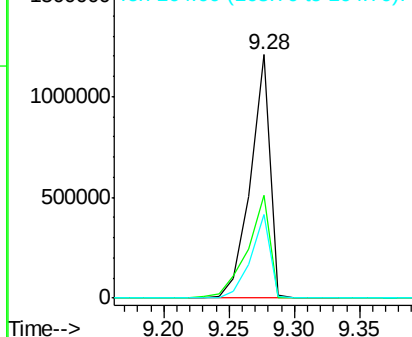


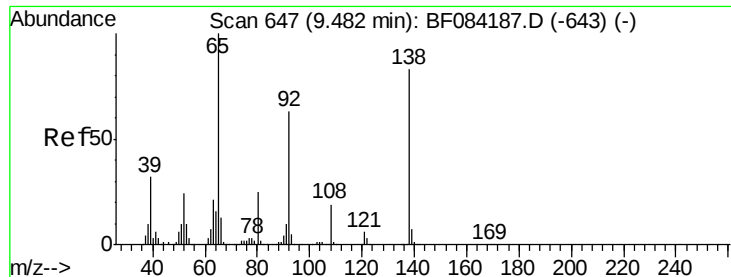
#46
2-Chloronaphthalene
Concen: 48.17 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ion	Ratio	Lower	Upper
162	100			
127	42.1	40.2	60.4	
164	34.6	25.7	38.5	



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: 51.30 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

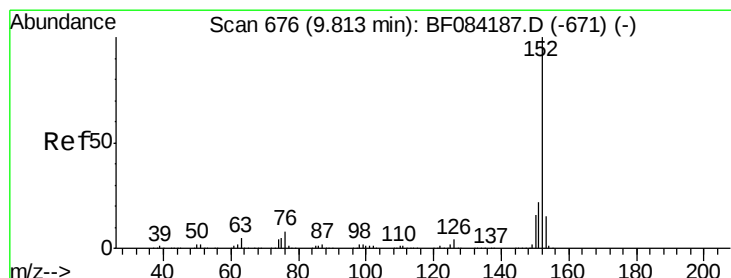
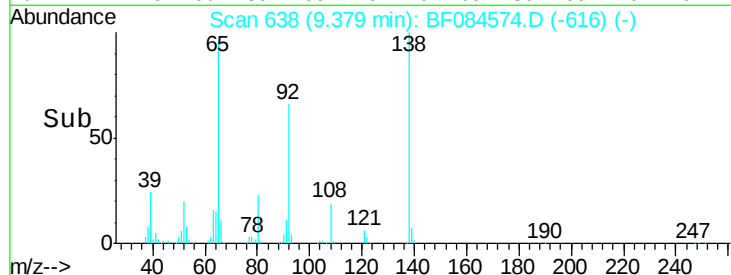
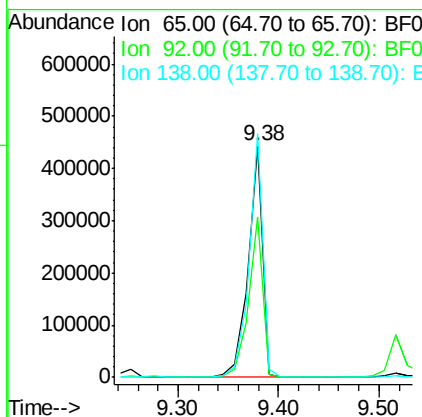
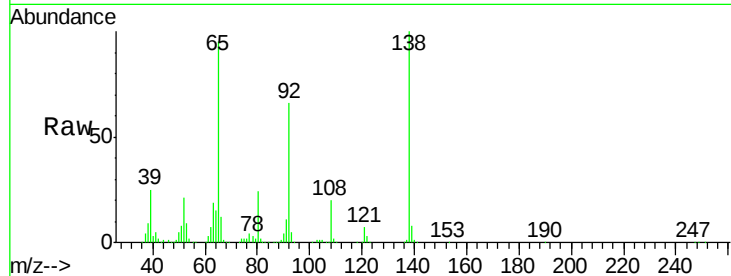
ClientSampleId :

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Tot Ion:	65	Resp:	441814
Ion Ratio	Lower	Upper	
65	100		
92	69.3	53.4	80.2
138	105.2	71.1	106.7

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#48

Acenaphthylene

Concen: 44.73 ng

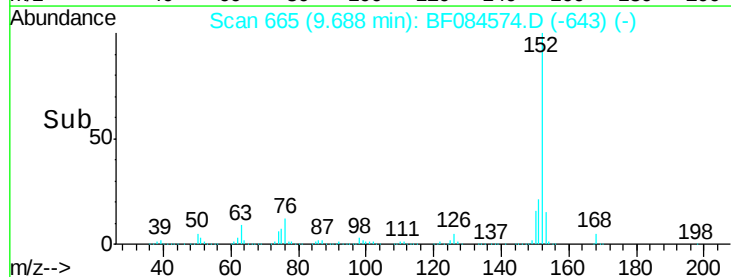
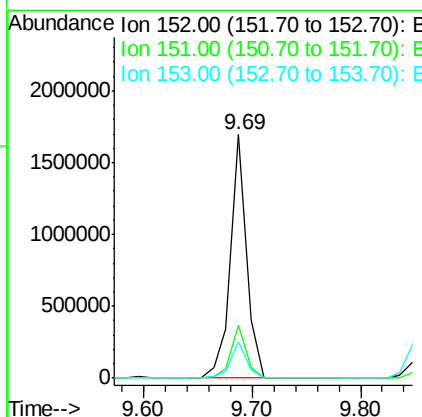
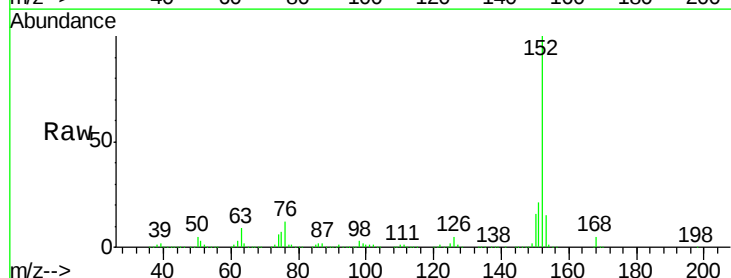
RT: 9.69 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion:	152	Resp:	1724341
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.3	24.5
153	15.0	10.4	15.6





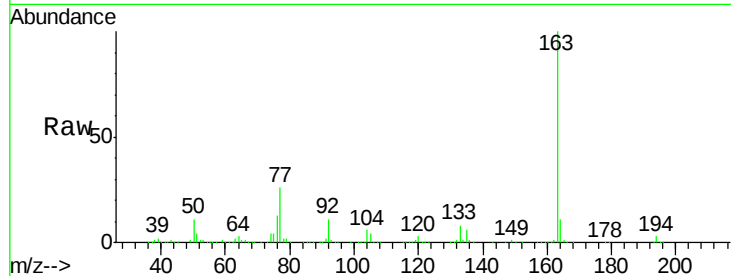
#49
Dimethylphthalate
Concen: 46.15 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

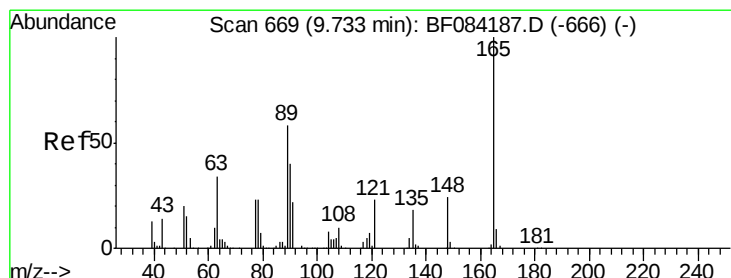
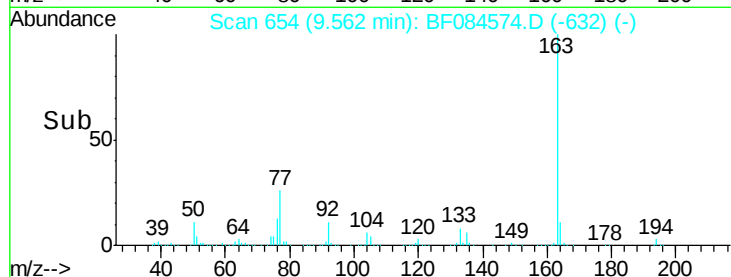
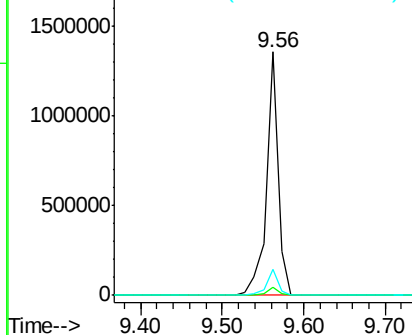
Tot Ion:163 Resp: 1379026
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 10.9 8.0 12.0

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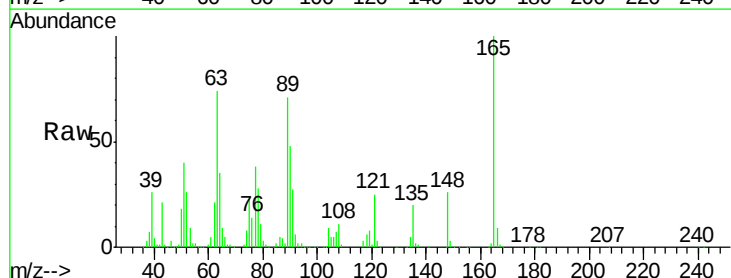


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

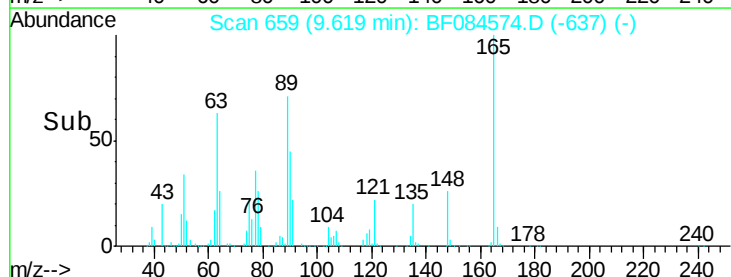
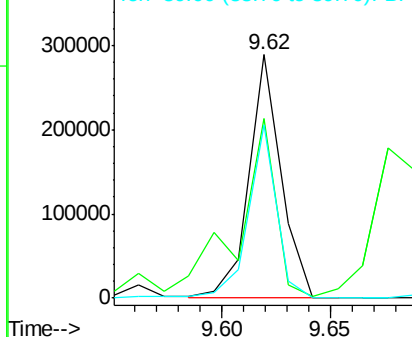


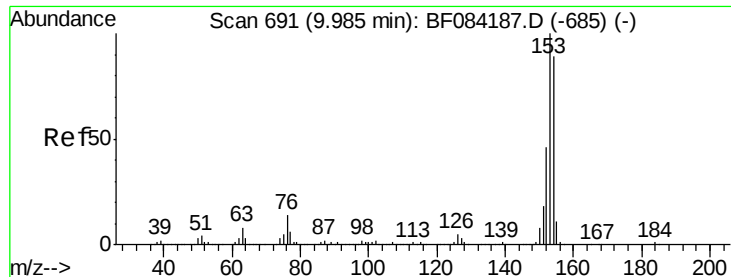
#50
2,6-Dinitrotoluene
Concen: 45.09 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion:165 Resp: 295521
Ion Ratio Lower Upper
165 100
63 74.0 28.8 43.2#
89 71.1 35.1 52.7#



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: 44.67 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:154 Resp: 1155228

Ion Ratio Lower Upper

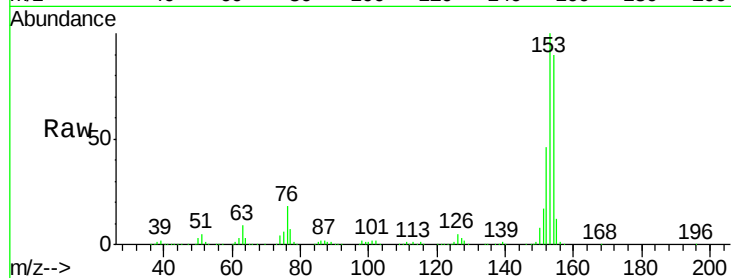
154 100

153 111.4 91.5 137.3

152 51.1 43.0 64.6

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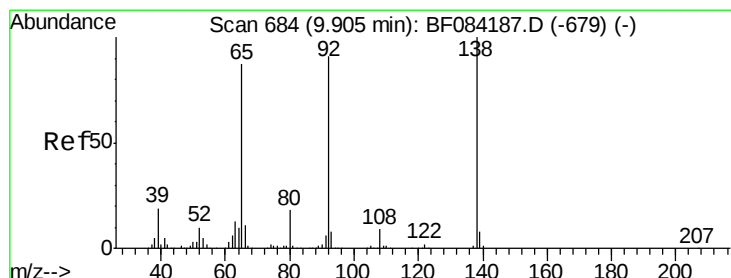
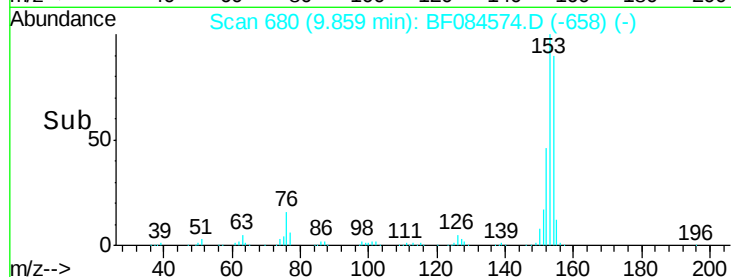
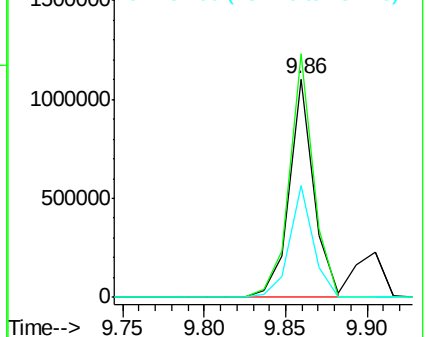
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.02 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

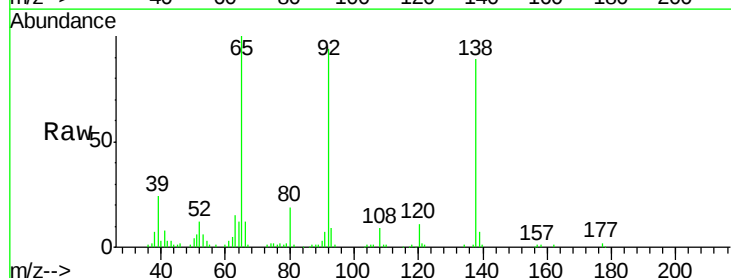
Tgt Ion:138 Resp: 81387

Ion Ratio Lower Upper

138 100

108 9.8 10.5 15.7#

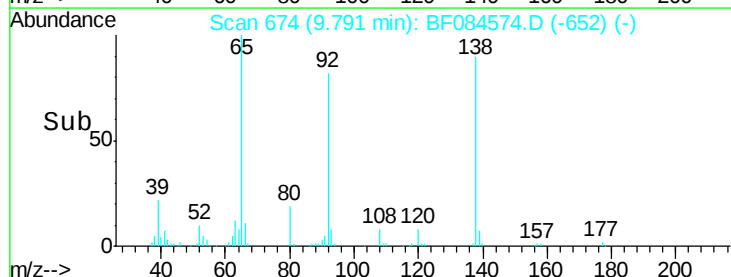
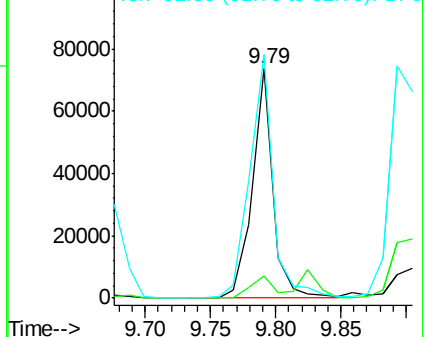
92 106.2 103.9 155.9



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





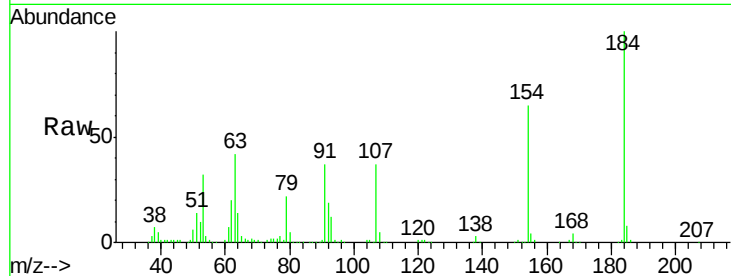
#53
2,4-Dinitrophenol
Concen: 150.23 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
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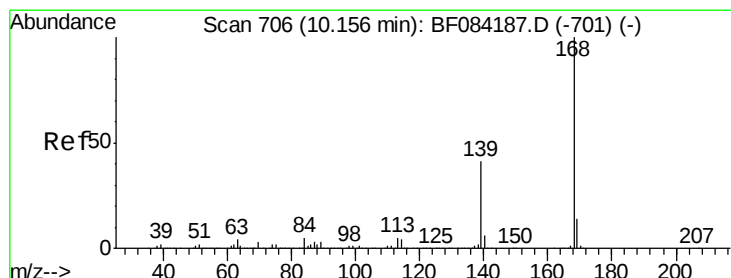
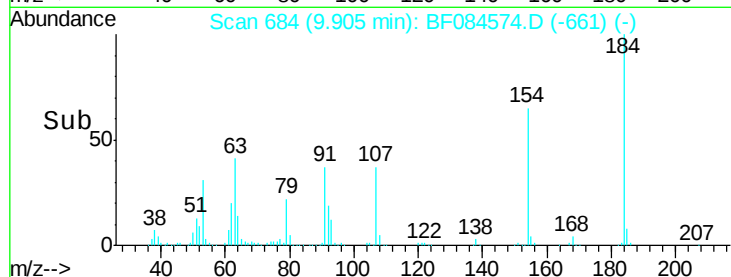
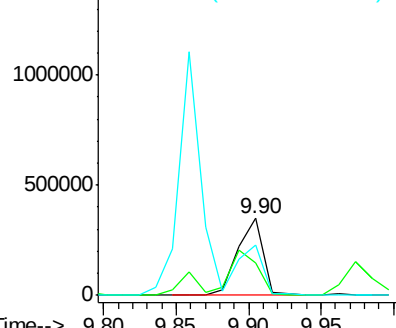
Tot Ion	Ratio	Lower	Upper
184	100		
63	41.7	43.1	64.7#
154	65.2	60.5	90.7

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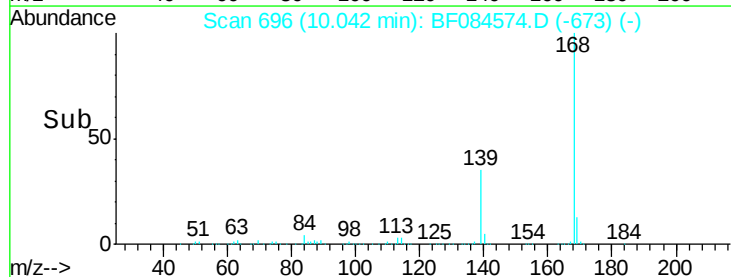
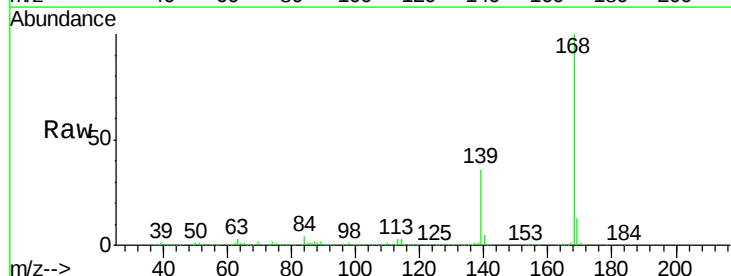
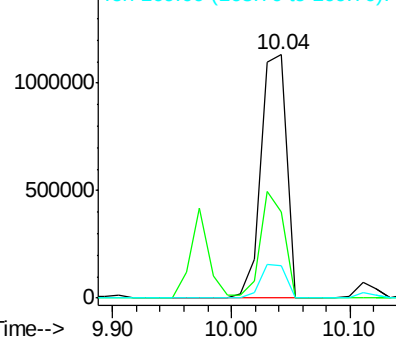
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

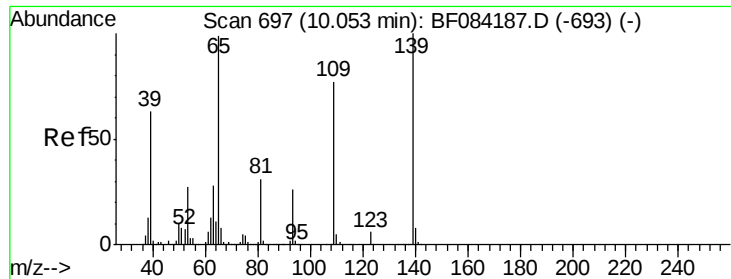


#54
Dibenzofuran
Concen: 50.29 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.5	45.7
169	13.1	10.4	15.6

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 76.28 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

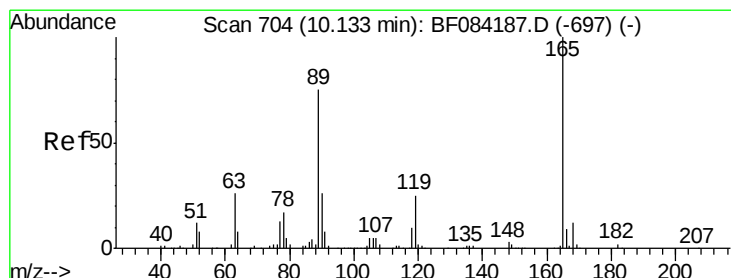
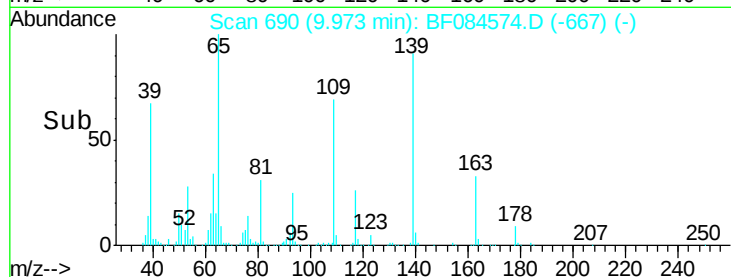
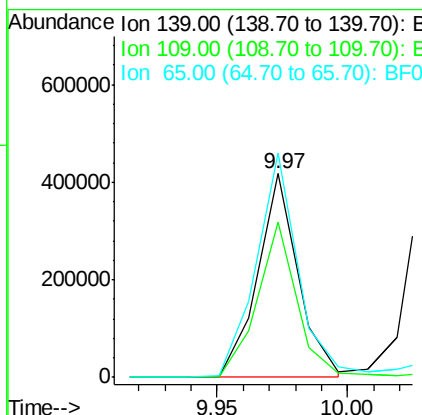
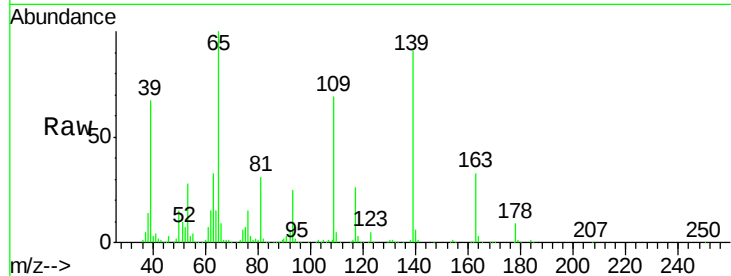
ClientSampleId :

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Tot Ion:	139	Resp:	449651
Ion Ratio	Lower	Upper	
139	100		
109	76.1	58.5	98.5
65	110.2	57.6	97.6#



#56

2,4-Dinitrotoluene

Concen: 55.41 ng

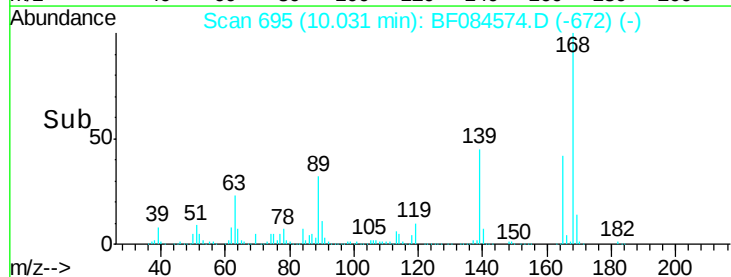
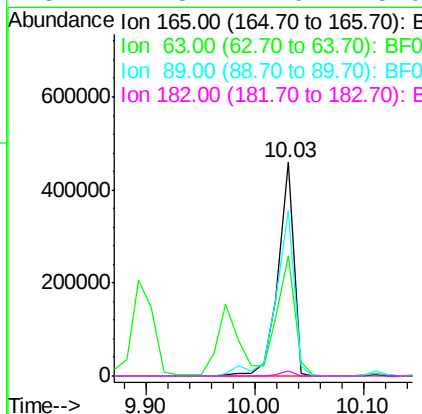
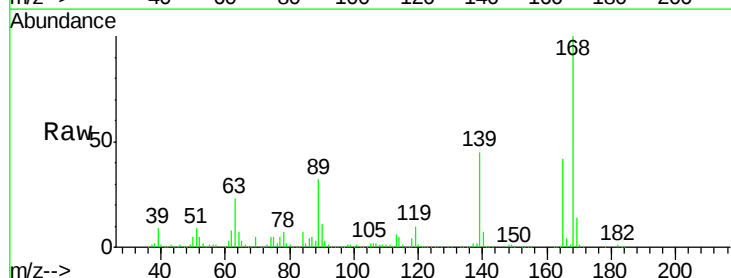
RT: 10.03 min Scan# 695

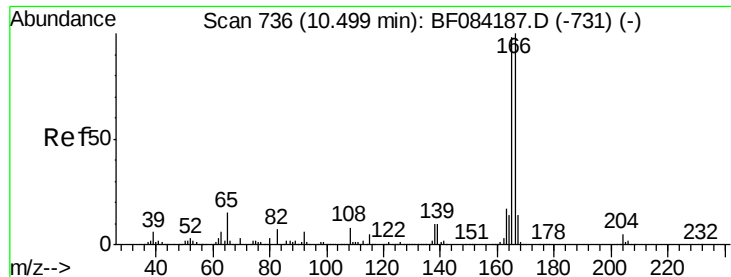
Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion:	165	Resp:	459632
Ion Ratio	Lower	Upper	
165	100		
63	56.3	36.7	55.1#
89	77.4	61.9	92.9
182	2.3	2.0	3.0





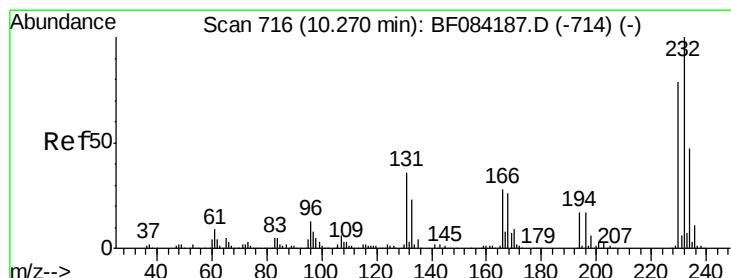
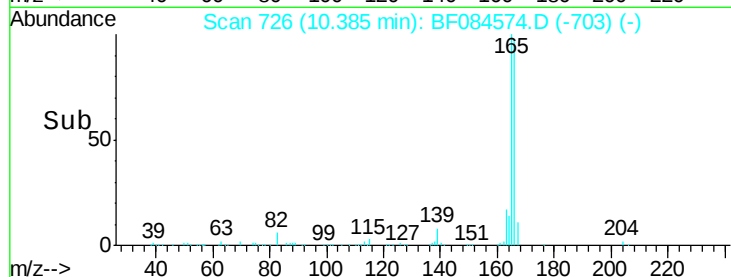
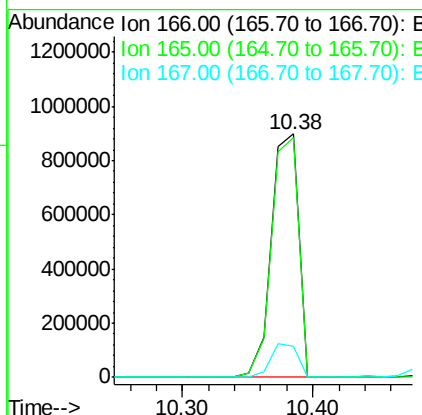
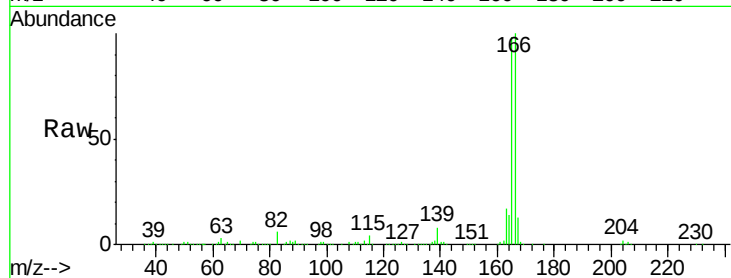
#57
 Fluorene
 Concen: 51.14 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot Ion:166 Resp: 1316078
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.1 118.7
 167 13.0 10.4 15.6

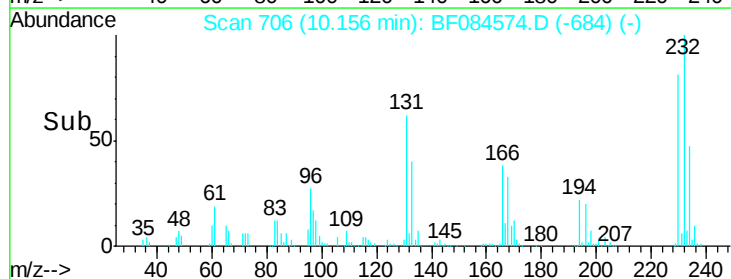
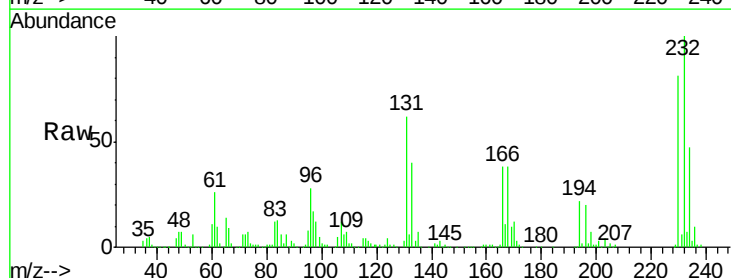
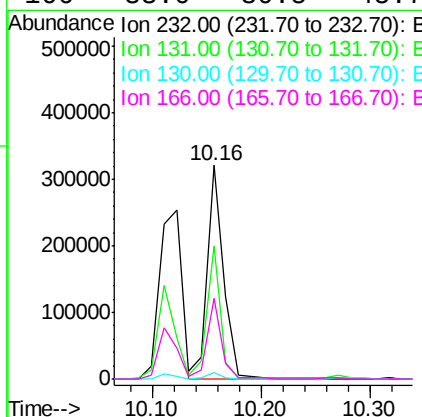
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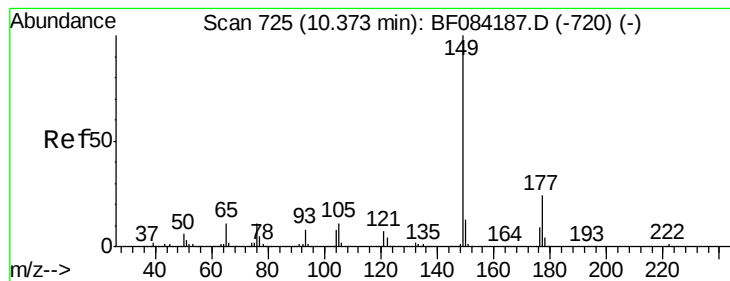
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.53 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion:232 Resp: 335044
 Ion Ratio Lower Upper
 232 100
 131 53.2 47.0 70.6
 130 2.7 2.0 3.0
 166 33.0 30.5 45.7





#59

Diethylphthalate

Concen: 53.27 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tot Ion:149 Resp: 1569582

Ion Ratio Lower Upper

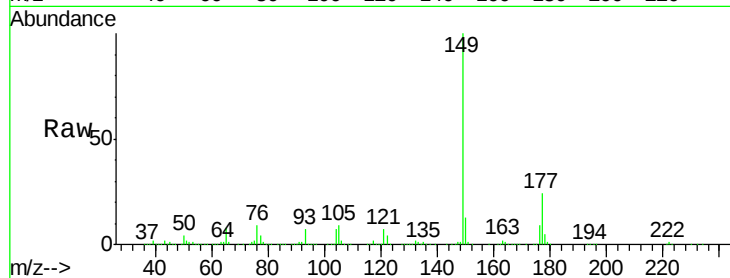
149 100

177 24.1 17.3 25.9

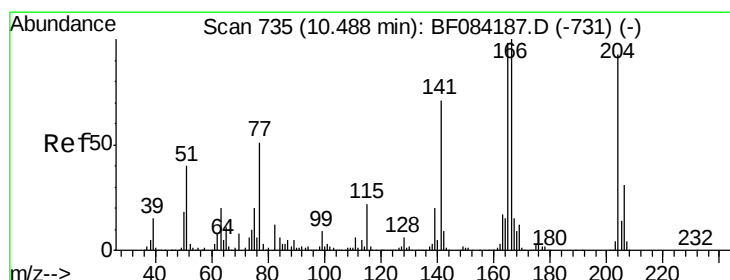
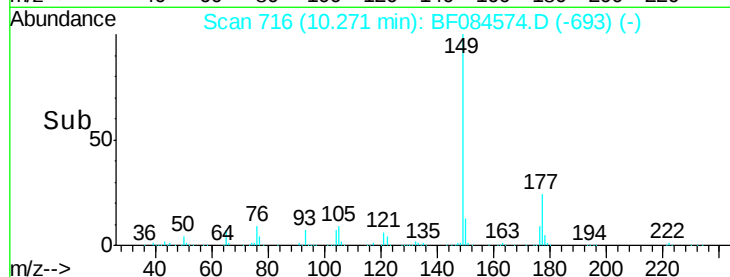
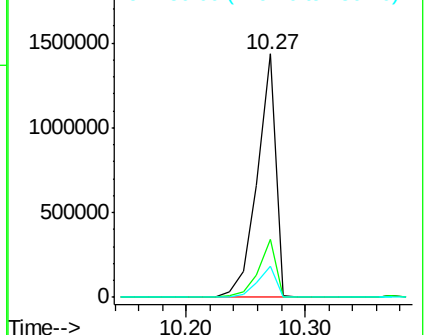
150 12.8 9.8 14.8

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



#60

4-Chlorophenyl-phenylether

Concen: 59.91 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

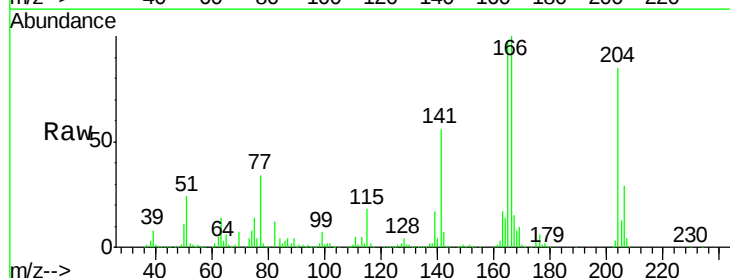
Tgt Ion:204 Resp: 626050

Ion Ratio Lower Upper

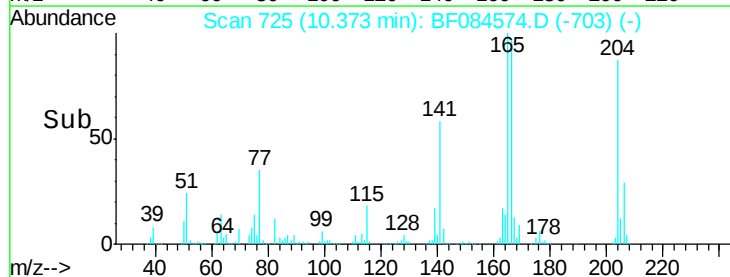
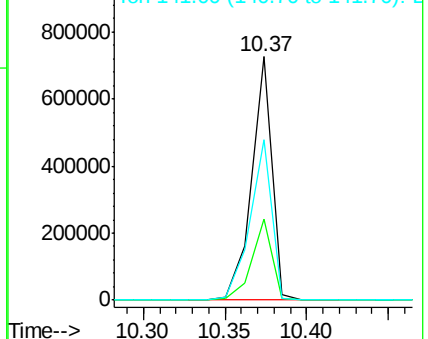
204 100

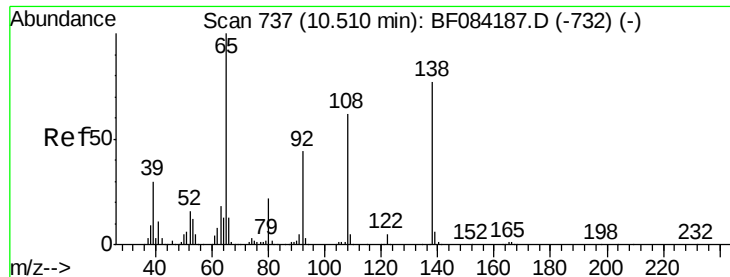
206 33.5 25.7 38.5

141 66.1 55.1 82.7



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





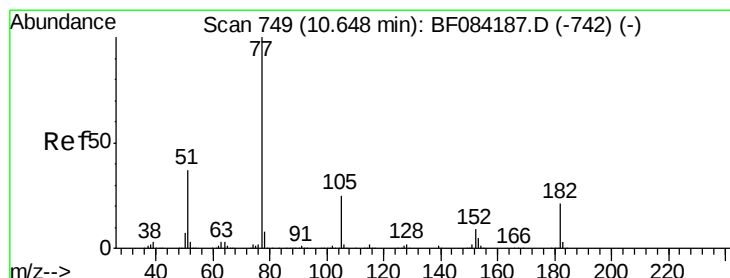
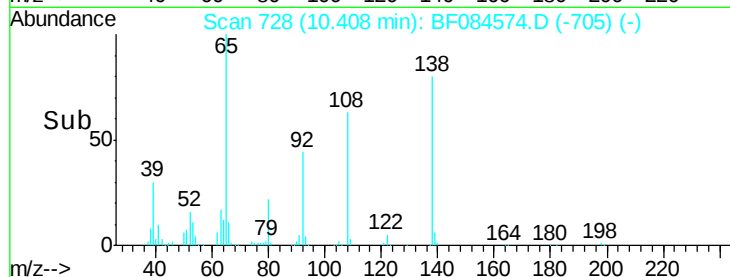
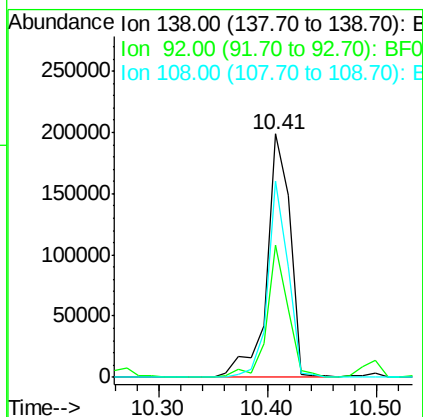
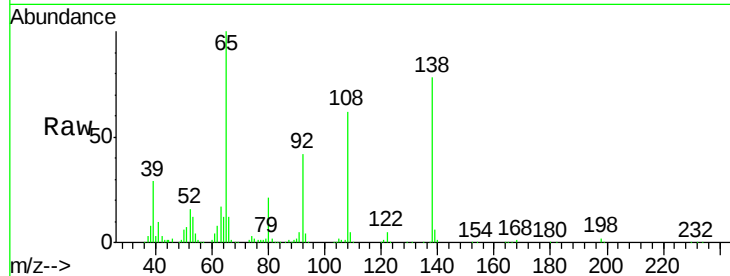
#61
4-Nitroaniline
Concen: 40.94 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.3	32.6	72.6
108	80.6	68.6	108.6

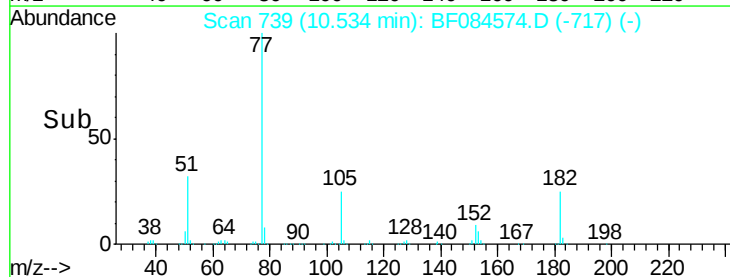
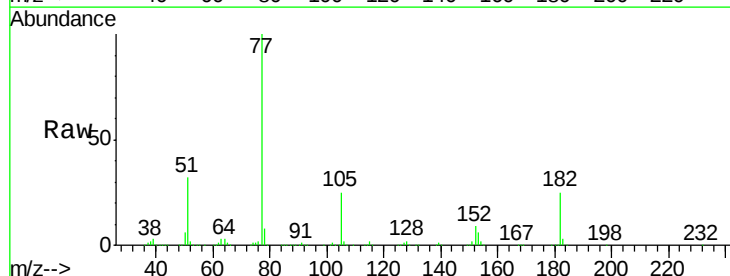
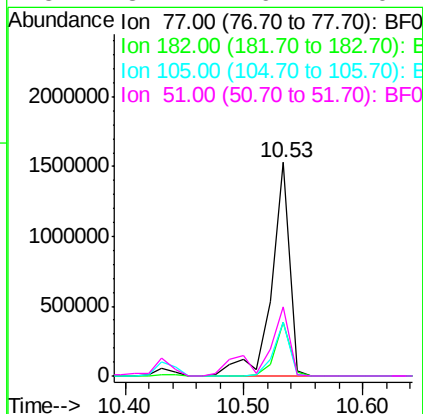
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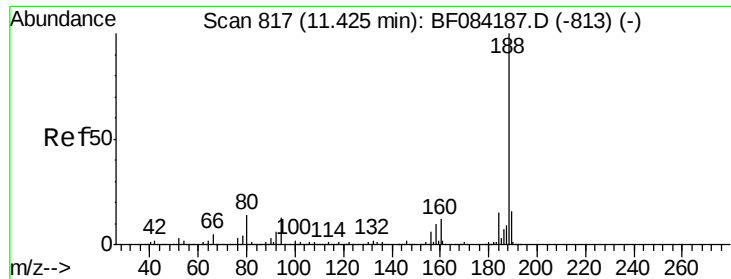
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#62
Azobenzene
Concen: 50.18 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	8.3	48.3
105	24.9	4.6	44.6
51	32.4	6.2	46.2





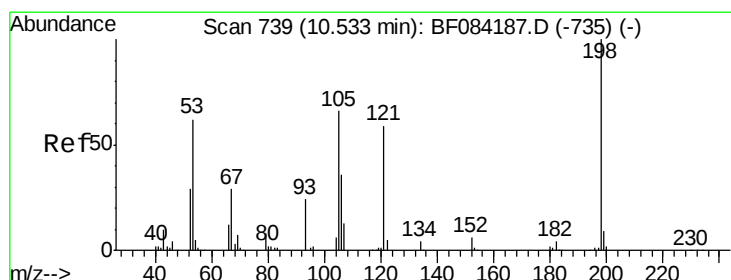
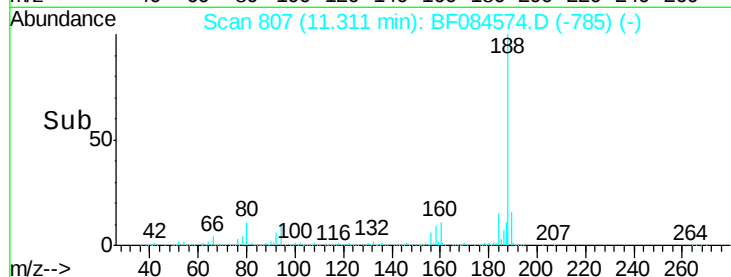
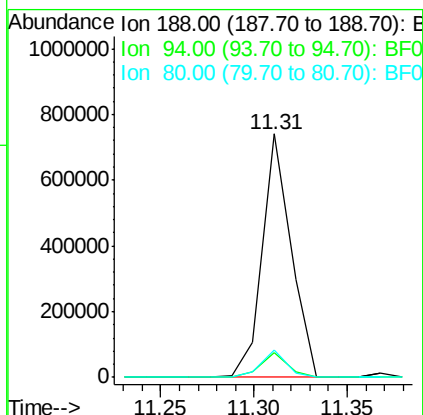
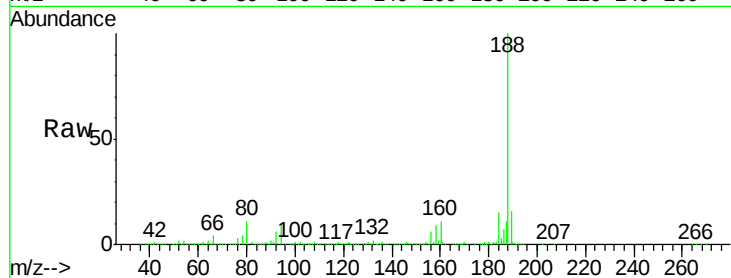
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	9.0	13.4
80	11.3	9.6	14.4

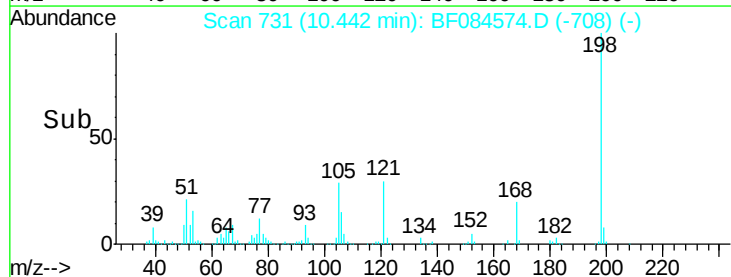
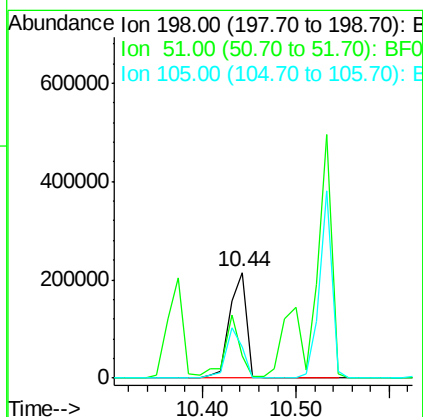
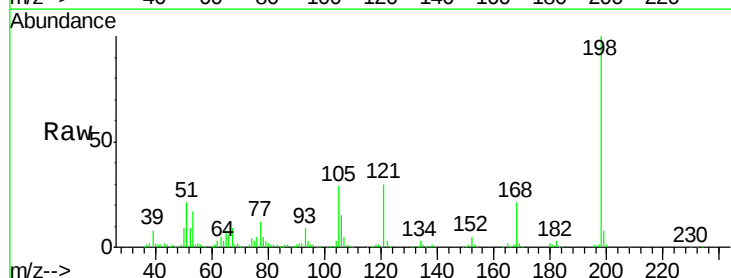
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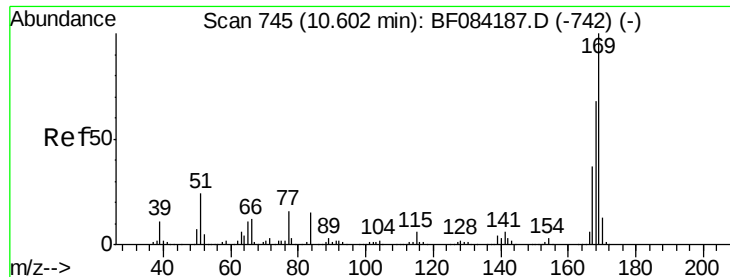
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#64
4,6-Dinitro-2-methylphenol
Concen: 59.28 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	20.8	18.9	58.9
105	29.3	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 50.55 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tot Ion:169 Resp: 1275738

Ion Ratio Lower Upper

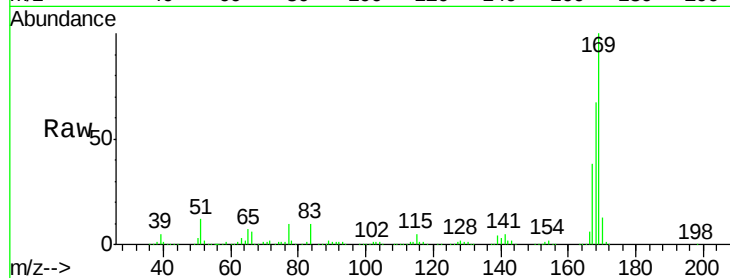
169 100

168 67.4 55.1 82.7

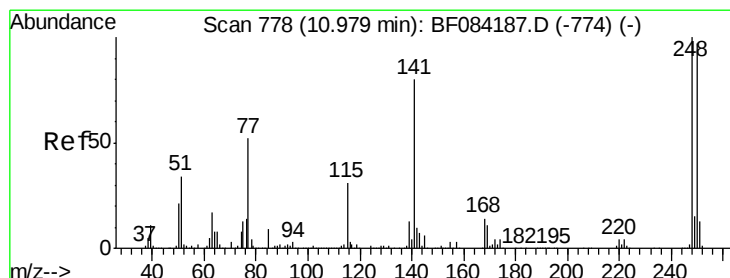
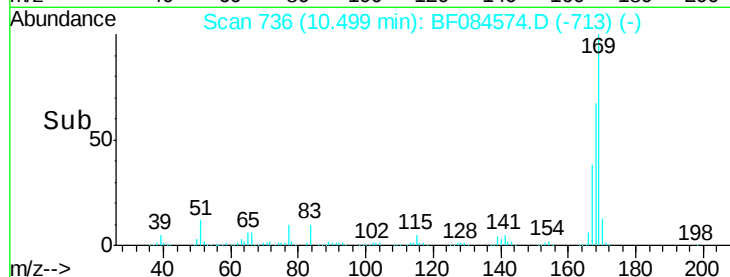
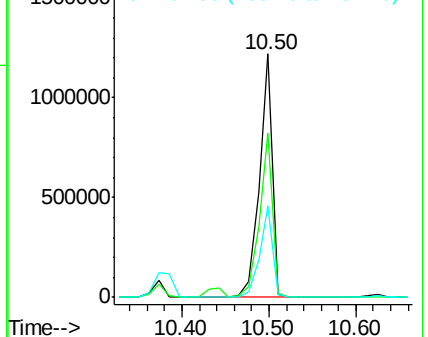
167 37.6 30.0 45.0

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.94 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

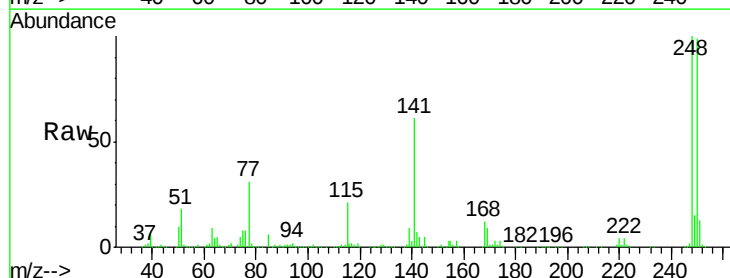
Tgt Ion:248 Resp: 432715

Ion Ratio Lower Upper

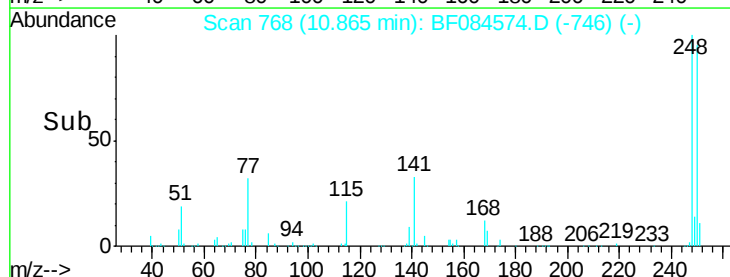
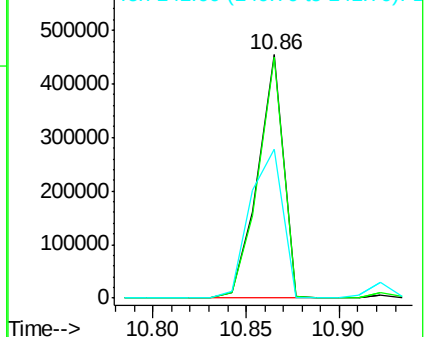
248 100

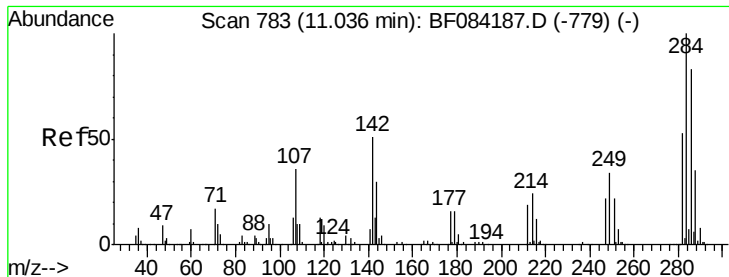
250 98.8 78.4 117.6

141 61.3 44.0 66.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.13 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

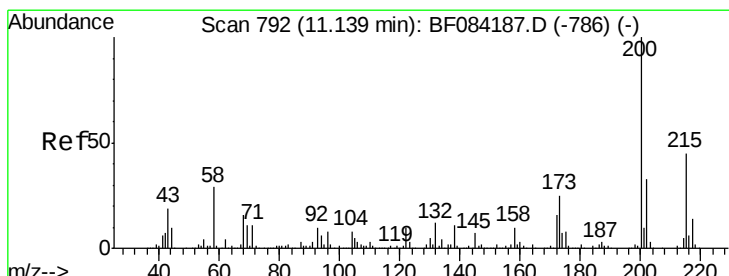
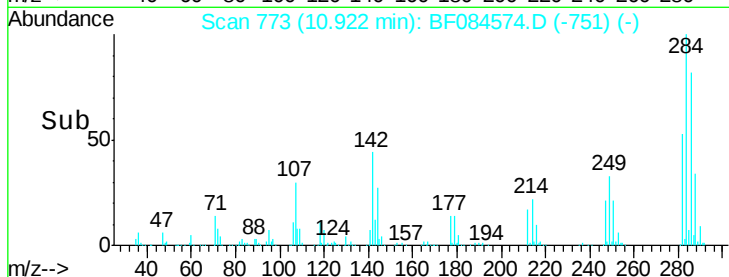
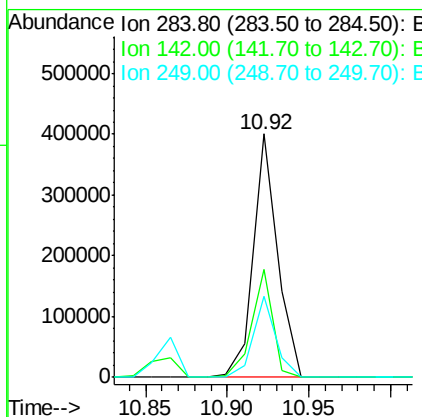
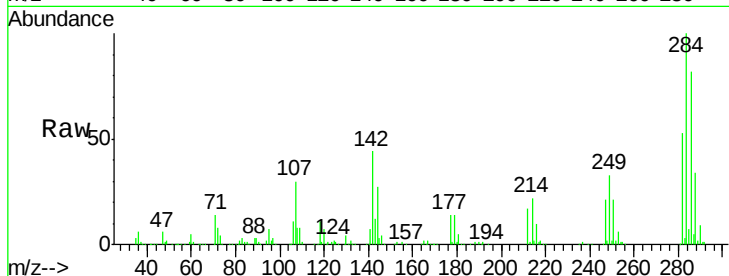
ClientSampleId :

SULFURCAKEMSD

Tot Ion:	284	Resp:	412350
Ion Ratio	Lower	Upper	
284	100		
142	44.2	22.2	33.4#
249	33.2	24.6	37.0

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#68

Atrazine

Concen: 44.59 ng

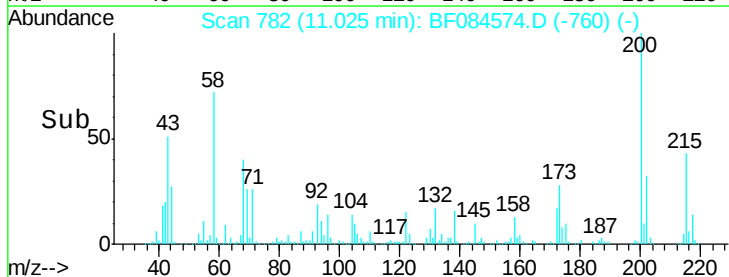
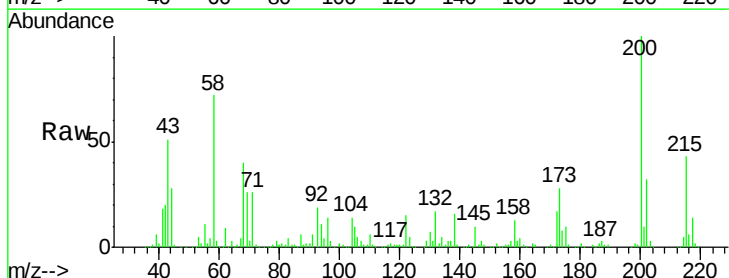
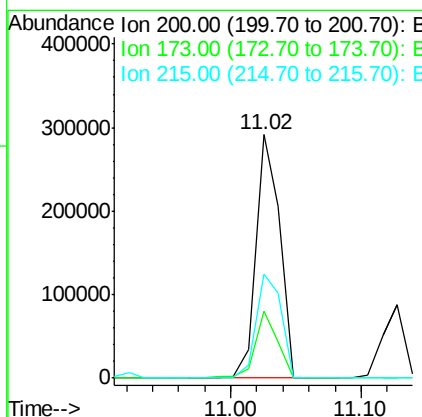
RT: 11.02 min Scan# 782

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion:	200	Resp:	368266
Ion Ratio	Lower	Upper	
200	100		
173	27.8	9.5	49.5
215	42.9	23.8	63.8





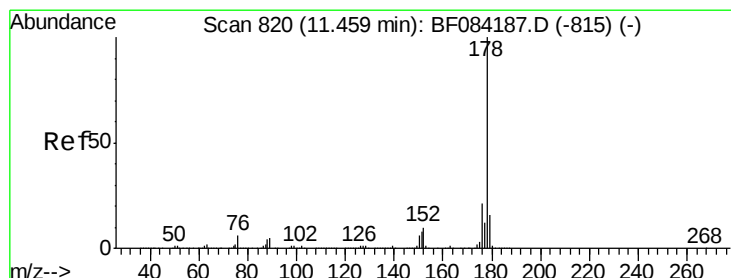
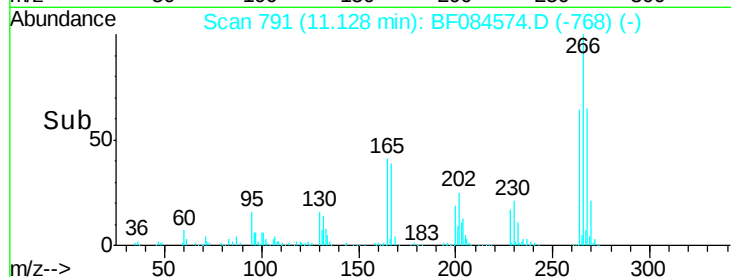
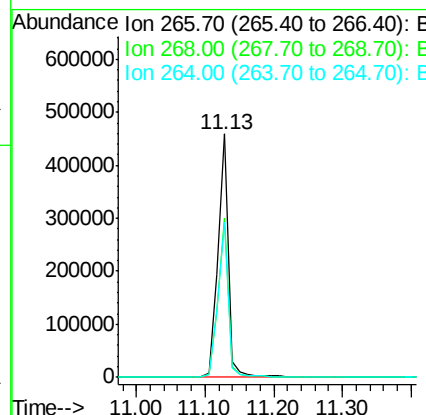
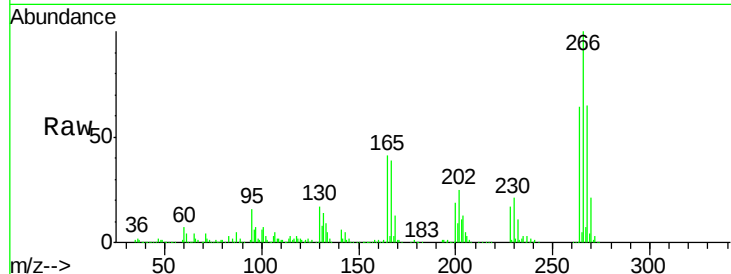
#69
 Pentachlorophenol
 Concen: 101.09 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.03 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	52.4	78.6
264	63.8	50.2	75.2

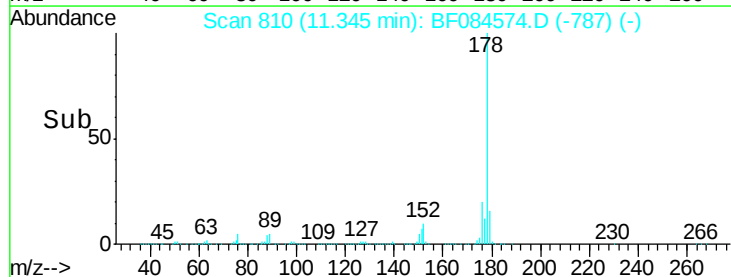
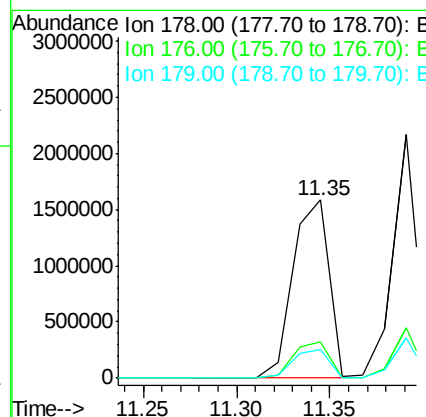
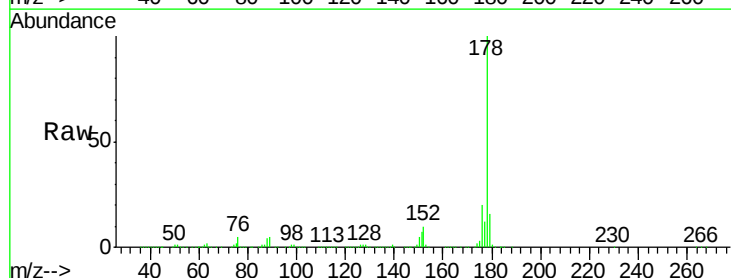
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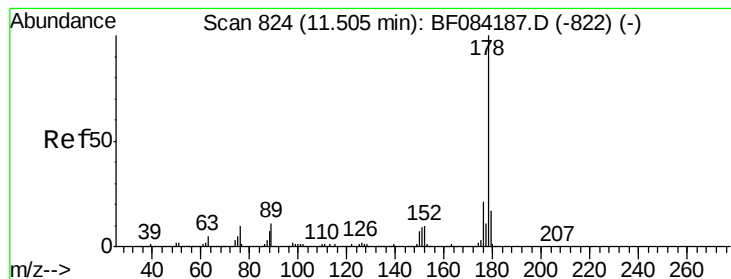
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#70
 Phenanthrene
 Concen: 51.63 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.3	22.9
179	15.8	12.0	18.0





#71

Anthracene

Concen: 47.94 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tot Ion:178 Resp: 1940314

Ion Ratio Lower Upper

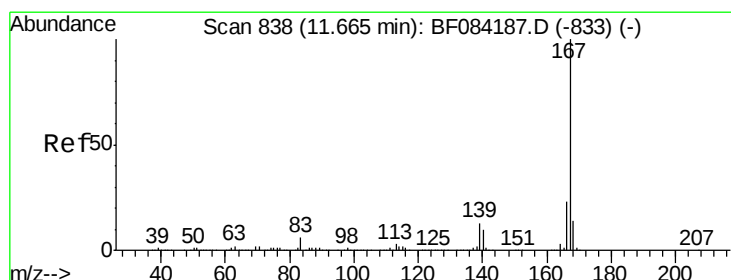
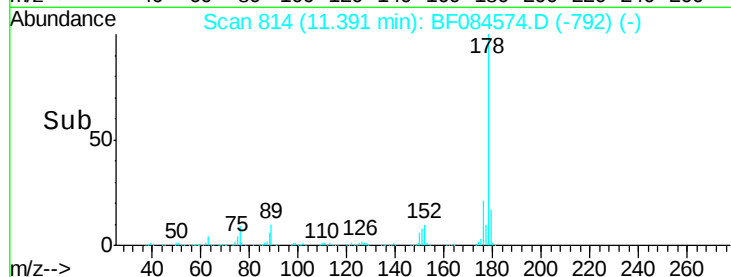
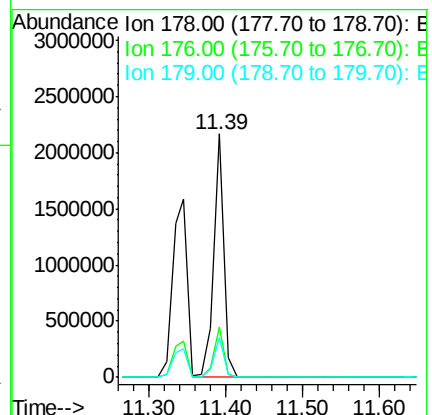
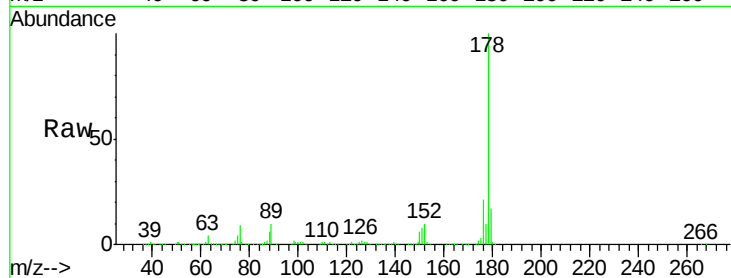
178 100

176 20.7 15.4 23.0

179 16.7 12.5 18.7

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#72

Carbazole

Concen: 46.65 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

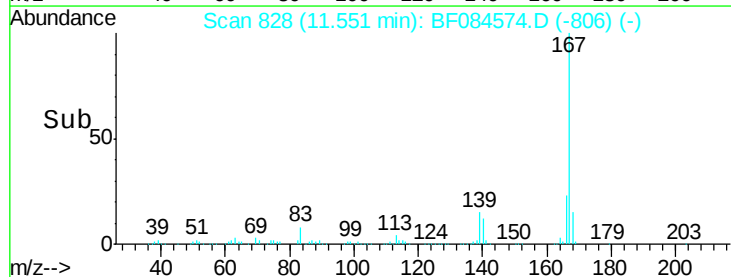
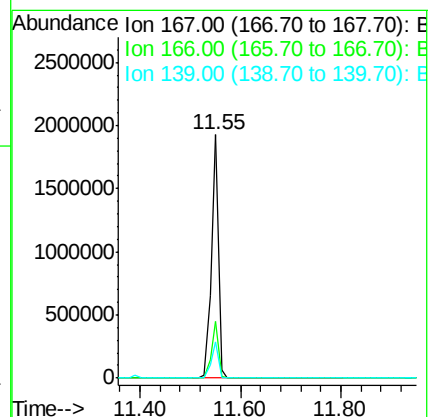
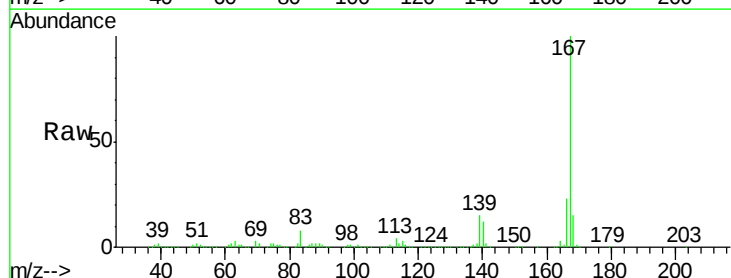
Tgt Ion:167 Resp: 1845497

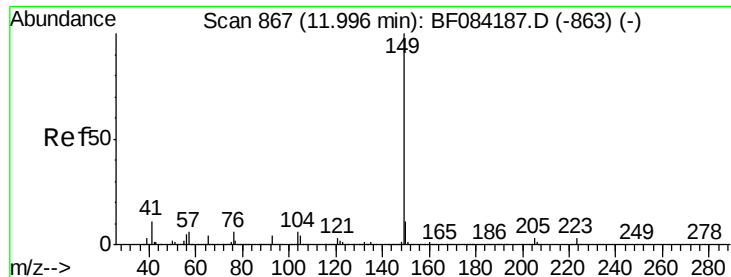
Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

139 15.0 11.8 17.8





#73

Di-n-butylphthalate

Concen: 51.69 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tot Ion:149 Resp: 2094305

Ion Ratio Lower Upper

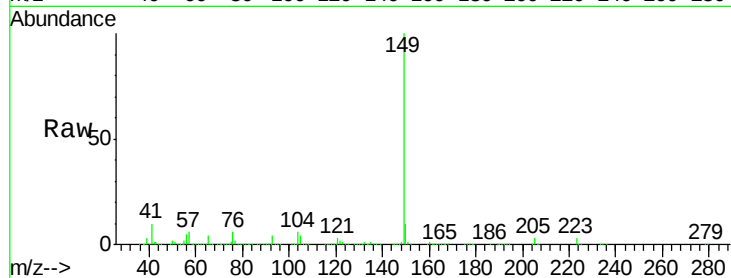
149 100

150 10.2 7.1 10.7

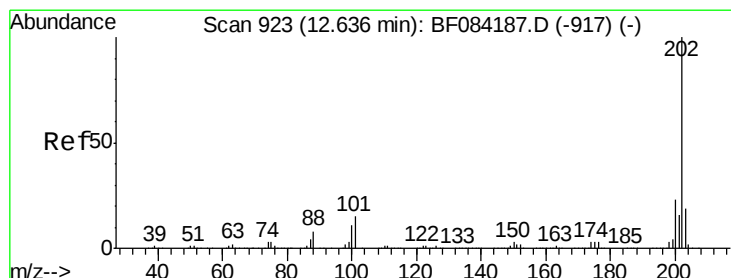
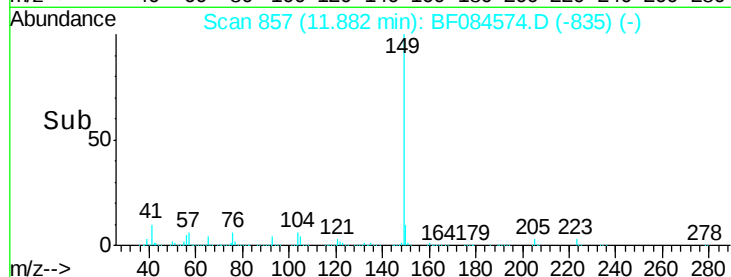
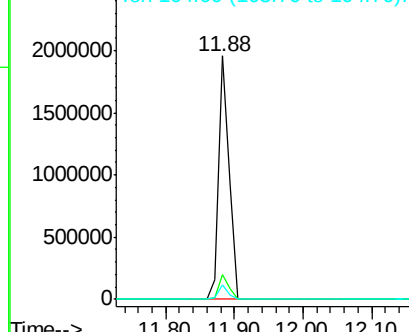
104 6.1 3.2 4.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.77 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

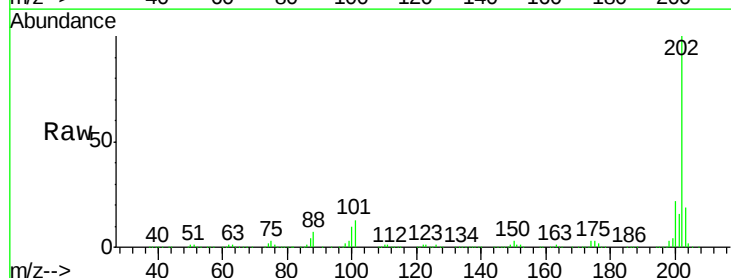
Tgt Ion:202 Resp: 1930922

Ion Ratio Lower Upper

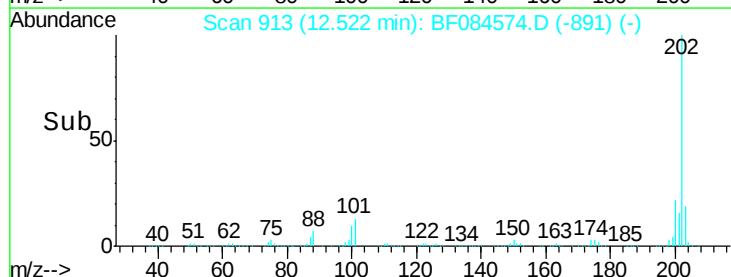
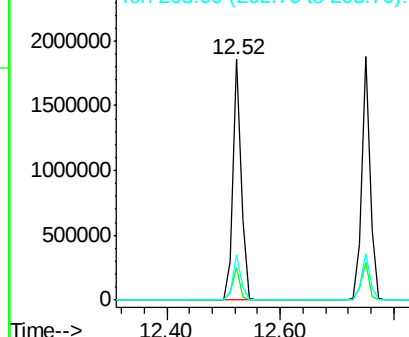
202 100

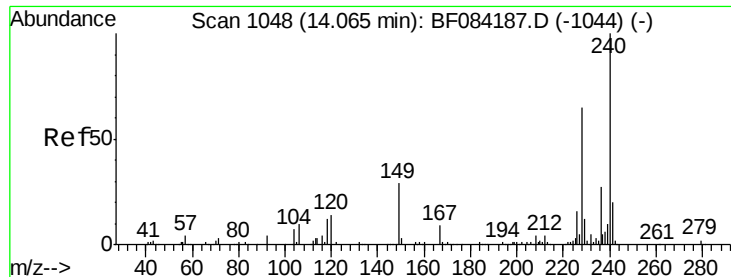
101 13.4 0.0 32.8

203 18.9 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

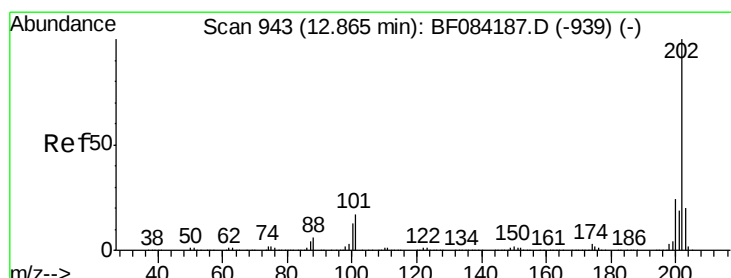
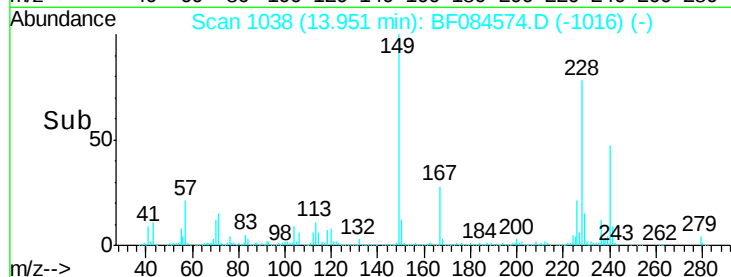
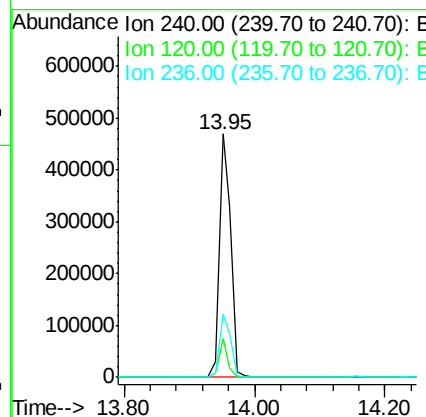
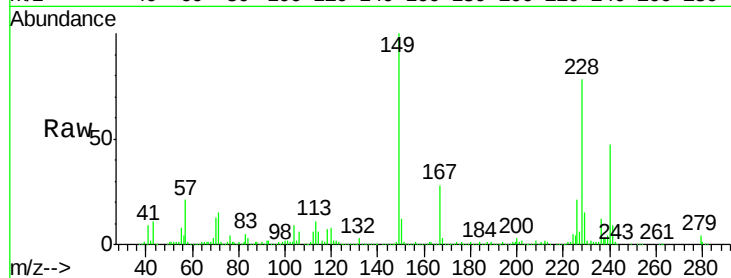
ClientSampleId :

SULFURCAKEMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3
236	25.9	20.6	31.0

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#77

Pyrene

Concen: 43.08 ng

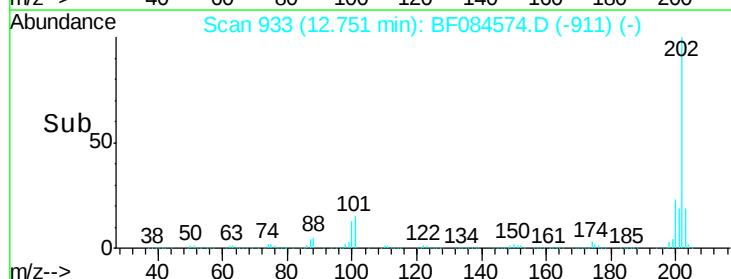
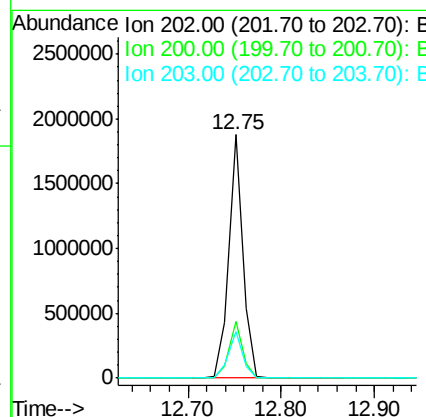
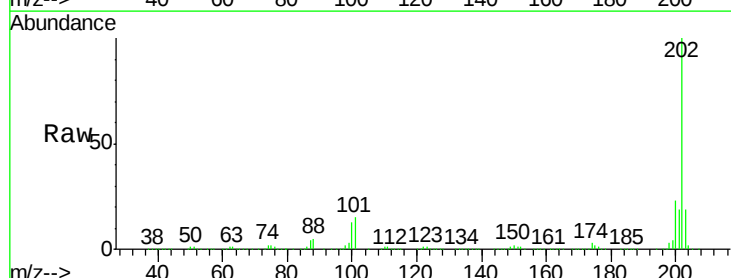
RT: 12.75 min Scan# 933

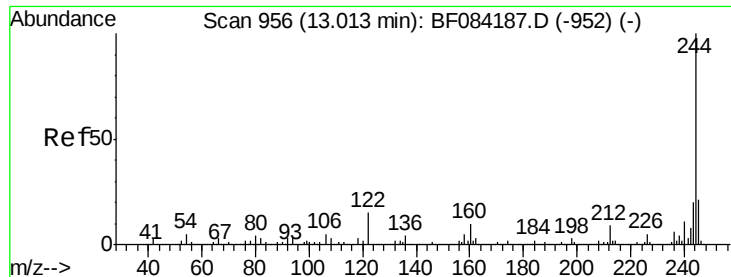
Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.2	25.8
203	19.1	14.3	21.5





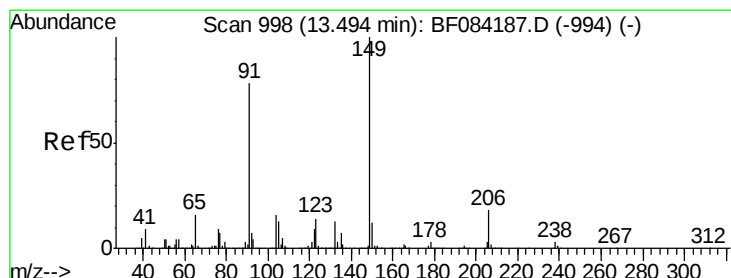
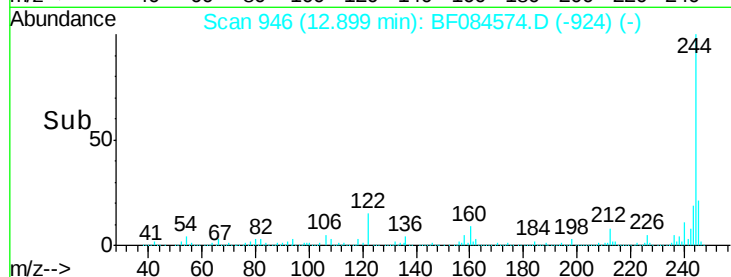
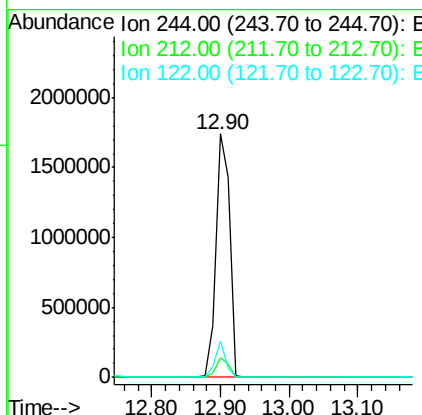
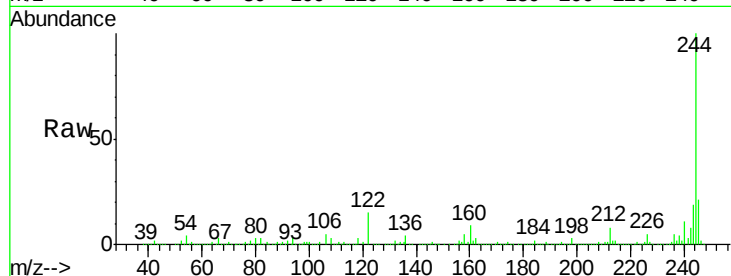
#78
 Terphenyl-d14
 Concen: 93.92 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot Ion:244 Resp: 2454054
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 14.9 7.4 11.0#

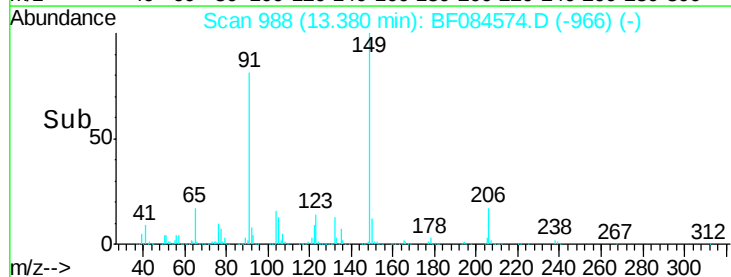
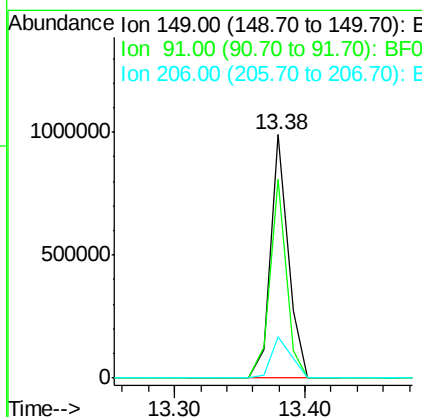
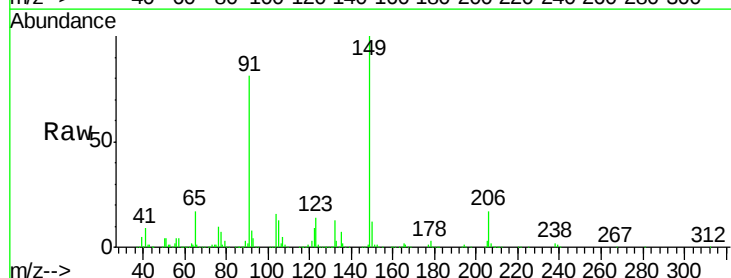
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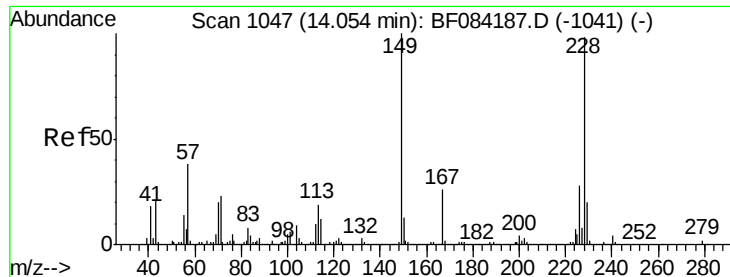
mohammad
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#79
 Butylbenzylphthalate
 Concen: 47.90 ng
 RT: 13.38 min Scan# 988
 Delta R.T. -0.05 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion:149 Resp: 948730
 Ion Ratio Lower Upper
 149 100
 91 81.5 57.6 86.4
 206 17.2 13.2 19.8





#80

Benzo(a)anthracene

Concen: 49.79 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tot Ion:228 Resp: 1705288

Ion Ratio Lower Upper

228 100

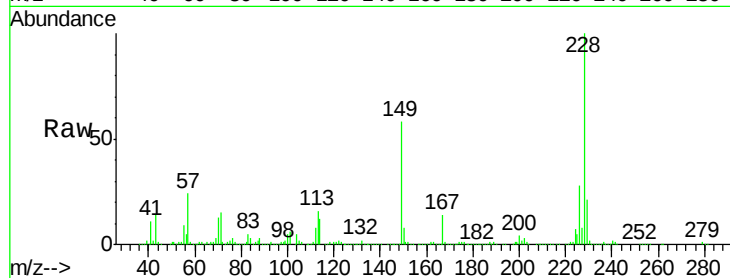
226 28.0 21.8 32.6

229 21.0 15.8 23.8

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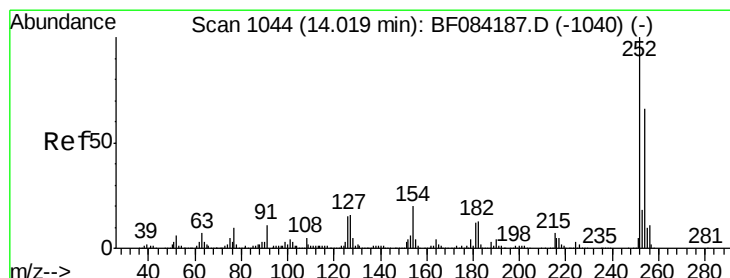
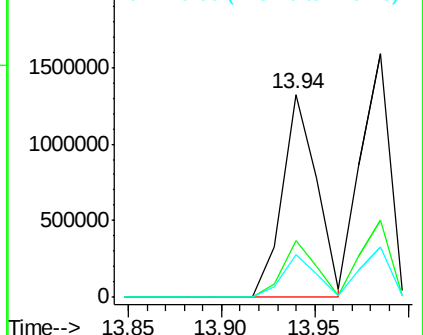
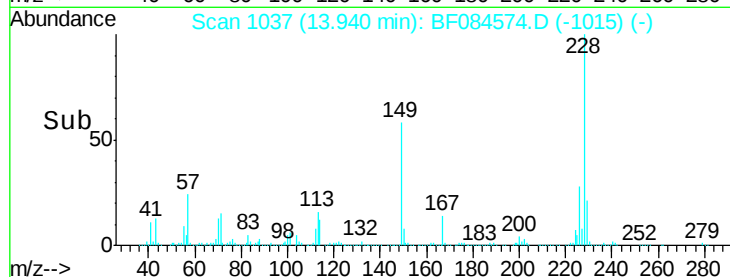
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 27.16 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

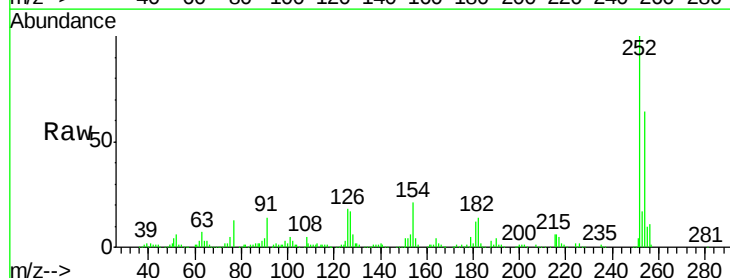
Tgt Ion:252 Resp: 324685

Ion Ratio Lower Upper

252 100

254 64.1 53.5 80.3

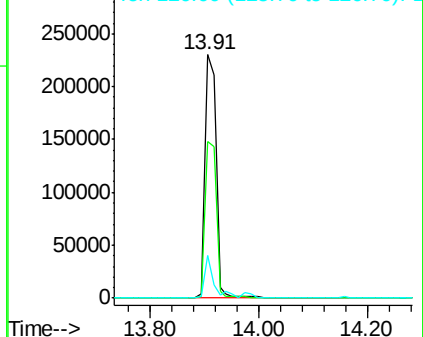
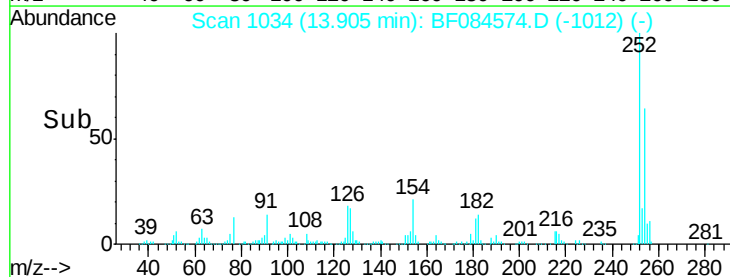
126 17.6 4.9 7.3#

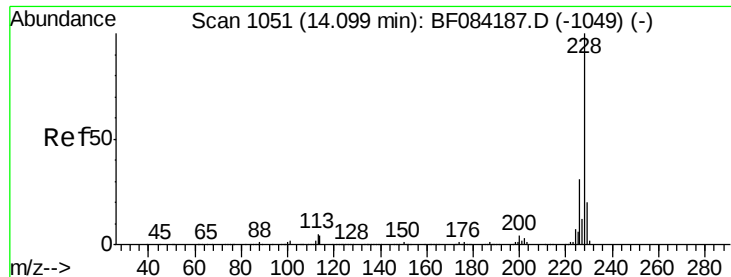


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





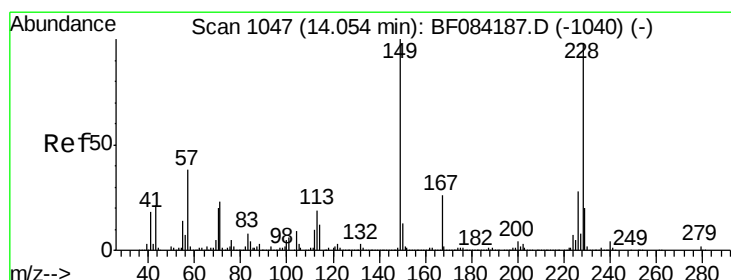
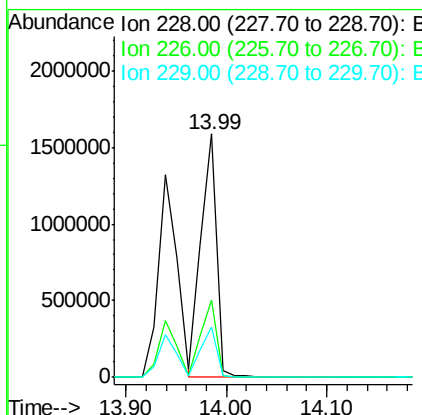
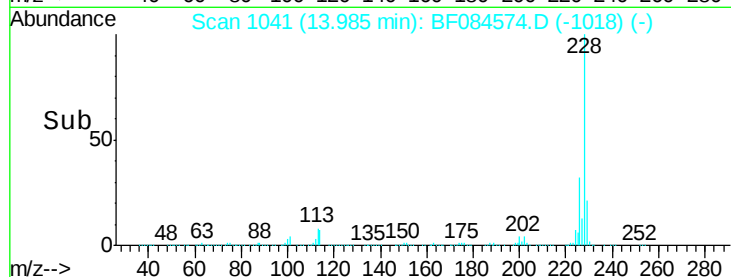
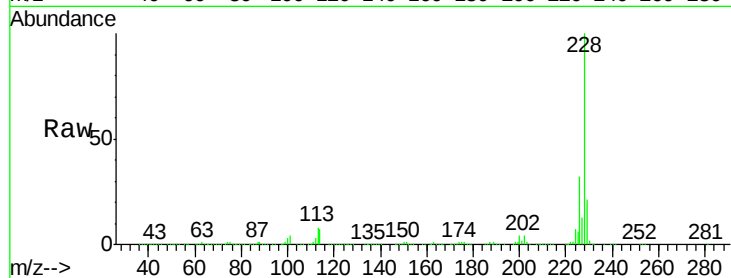
#82
 Chrysene
 Concen: 52.51 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMSD

Tot Ion:228 Resp: 1728038
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.3 36.5
 229 20.6 16.1 24.1

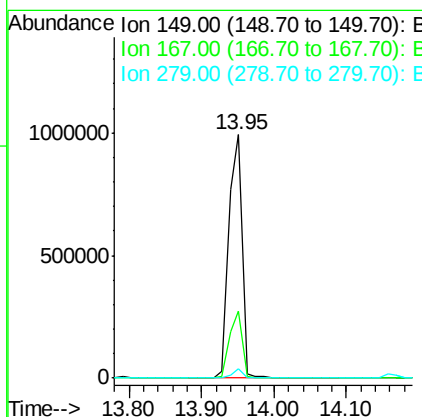
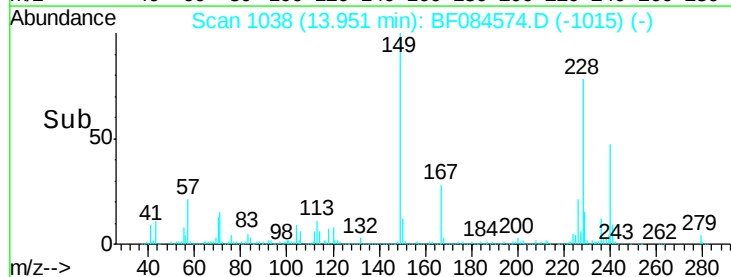
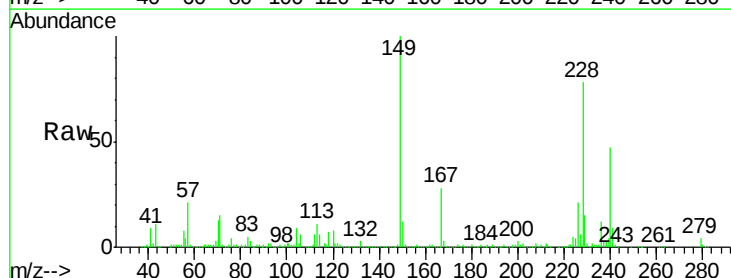
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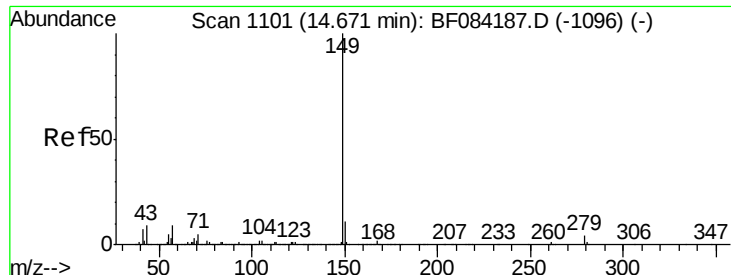
mohammad
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.05 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF084574.D
 Acq: 20 Jan 2016 19:41

Tgt Ion:149 Resp: 1252378
 Ion Ratio Lower Upper
 149 100
 167 27.6 19.7 29.5
 279 4.0 1.8 2.6#





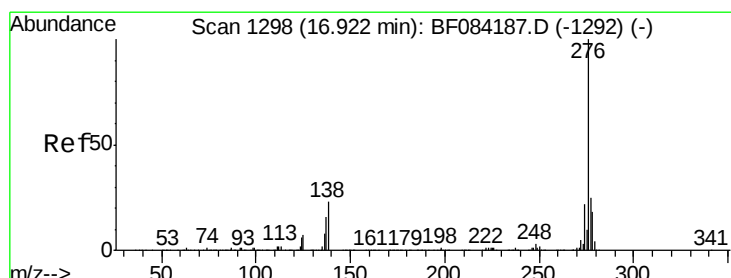
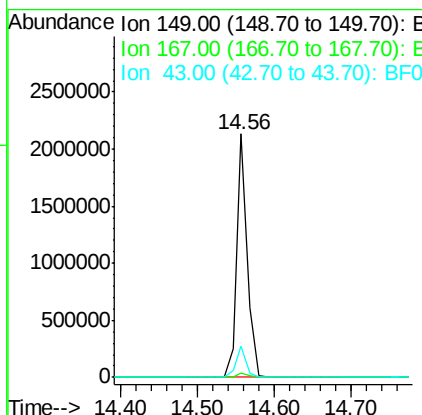
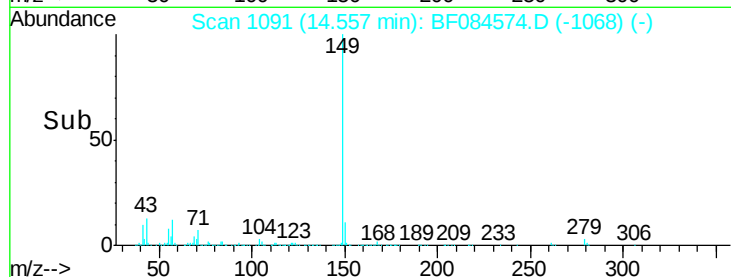
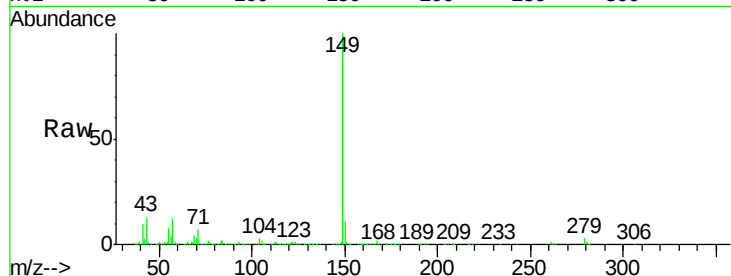
#84
Di-n-octyl phthalate
Concen: 49.02 ng
RT: 14.56 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.2	5.6	8.4

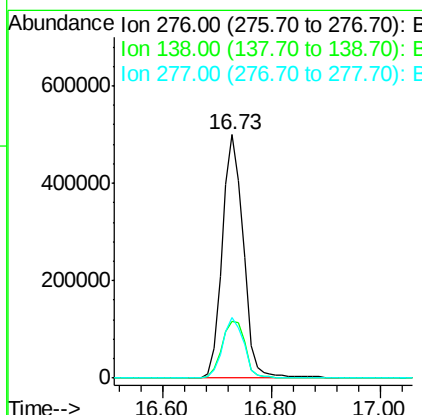
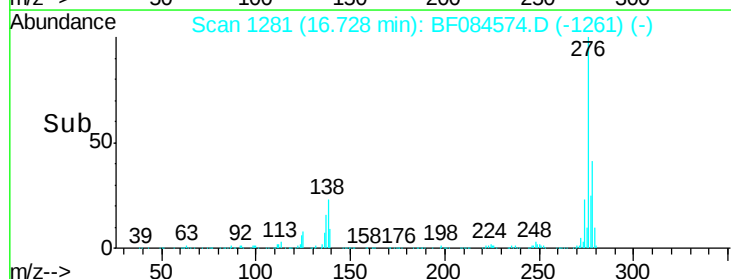
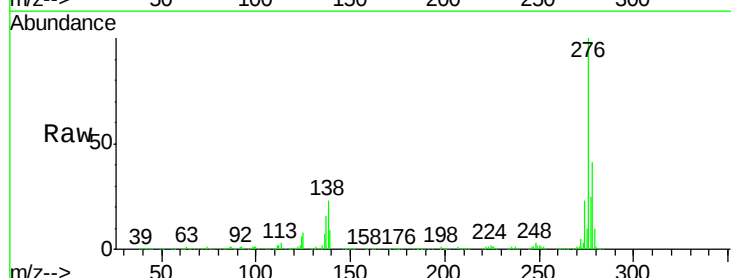
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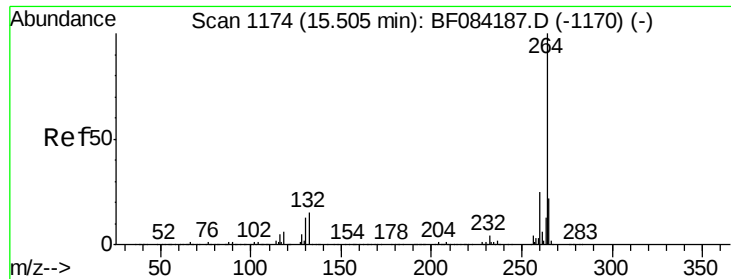
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 51.87 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.07 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.6	30.8
277	25.4	20.1	30.1





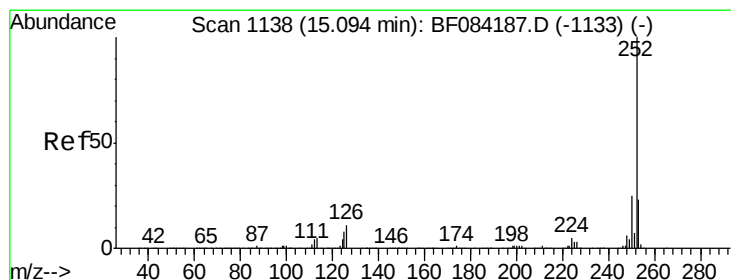
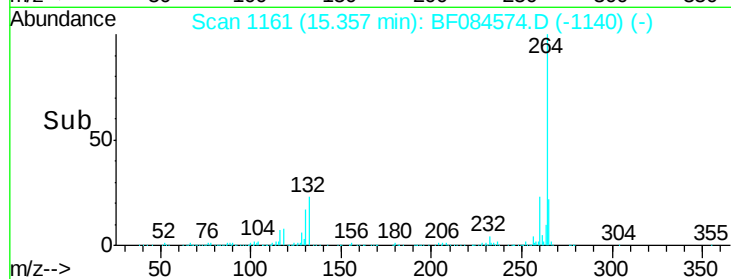
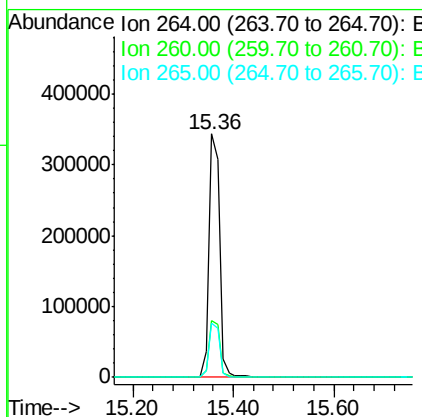
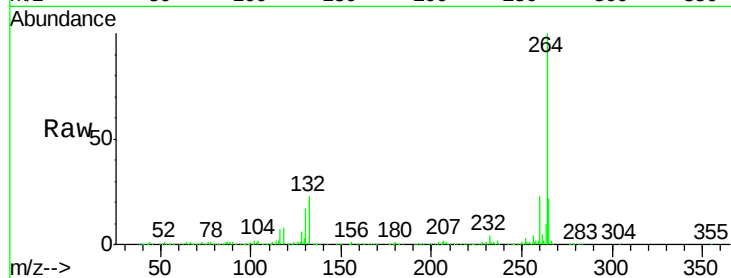
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.06 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	22.3	17.8	26.6

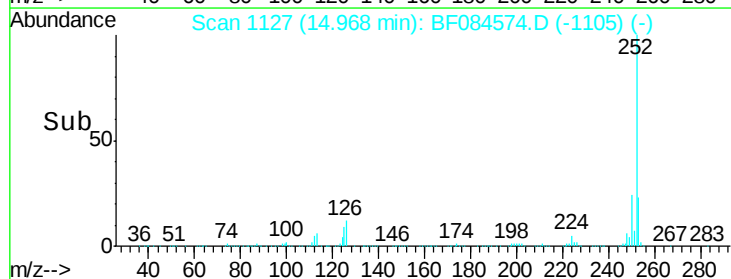
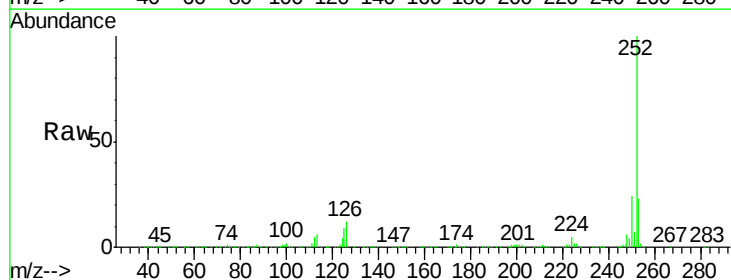
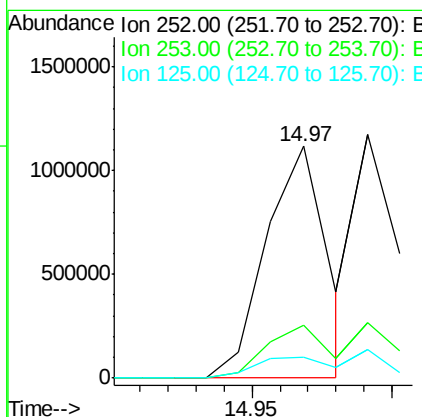
Manual Integrations
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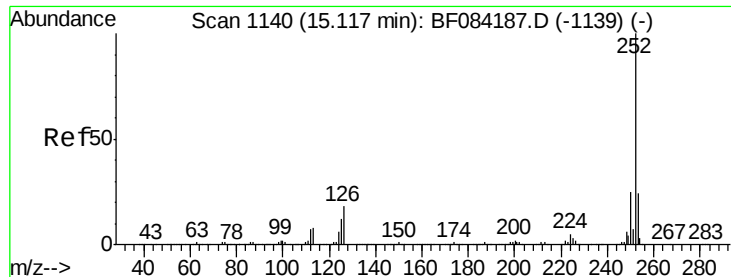
mohammad
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#87
Benzo(b)fluoranthene
Concen: 50.38 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	8.8	6.5	9.7





#88

Benzo(k)fluoranthene

Concen: 47.74 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMSD

Tot Ion:252 Resp: 1287423

Ion Ratio Lower Upper

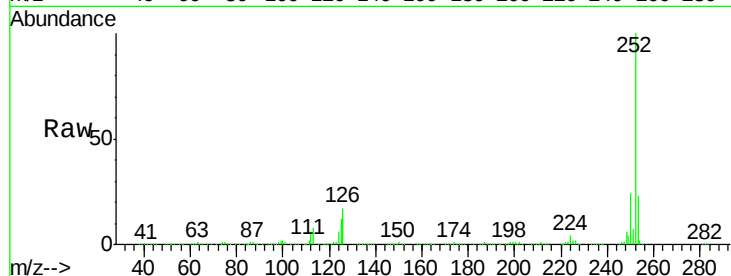
252 100

253 22.9 18.1 27.1

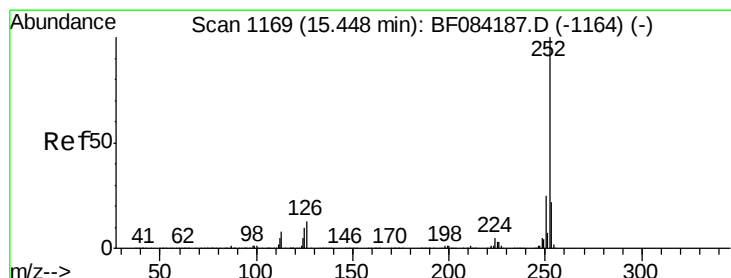
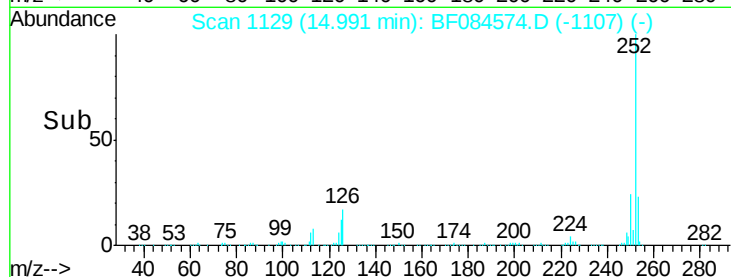
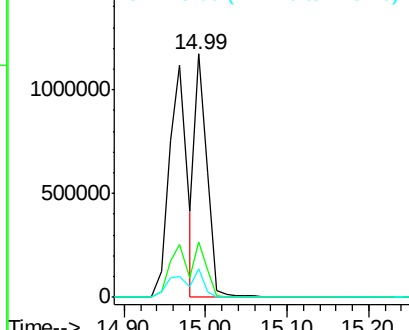
125 11.9 9.0 13.6

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



#89

Benzo(a)pyrene

Concen: 49.99 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF084574.D

Acq: 20 Jan 2016 19:41

Tgt Ion:252 Resp: 1398127

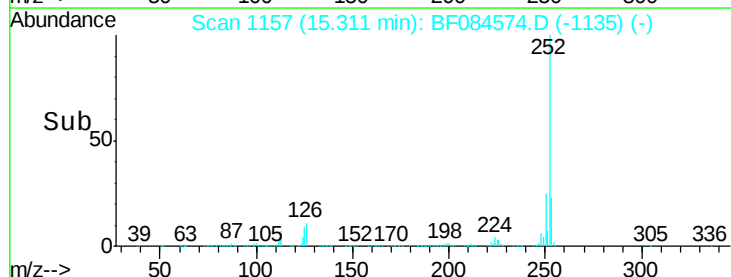
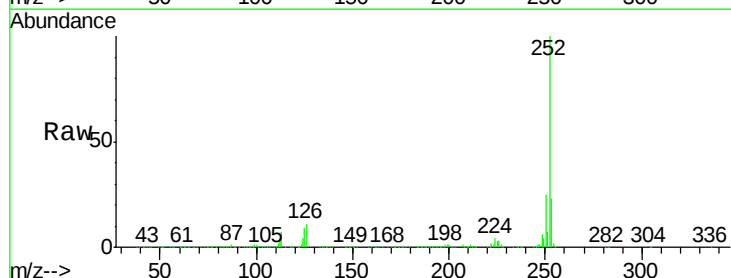
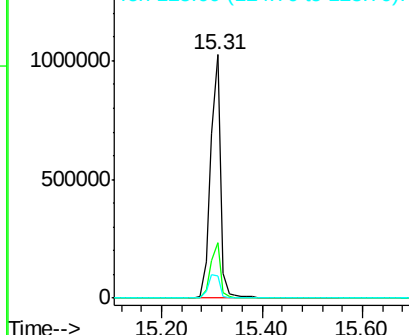
Ion Ratio Lower Upper

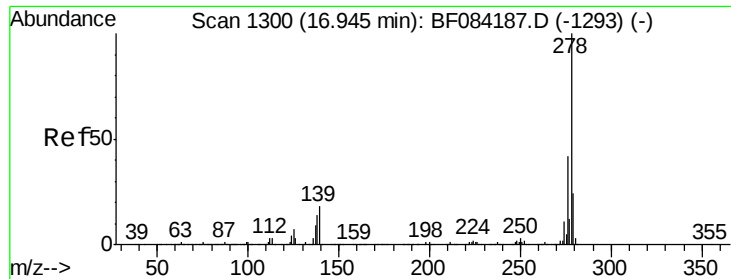
252 100

253 22.8 17.3 25.9

125 8.9 7.0 10.4

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





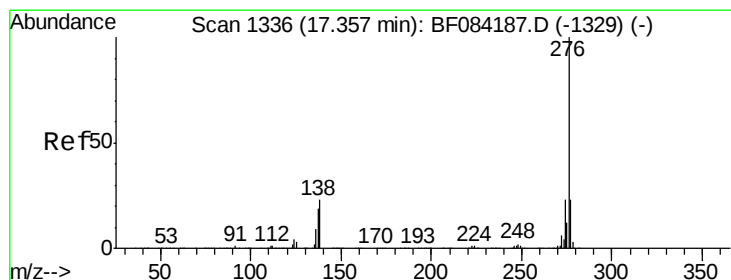
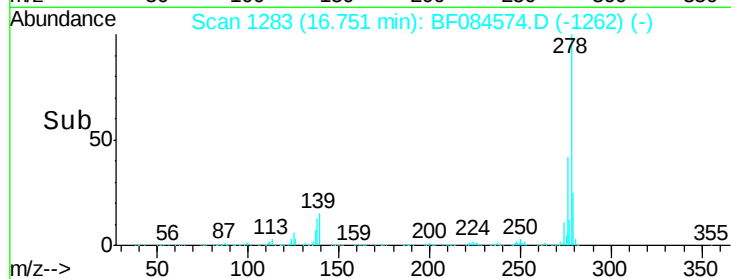
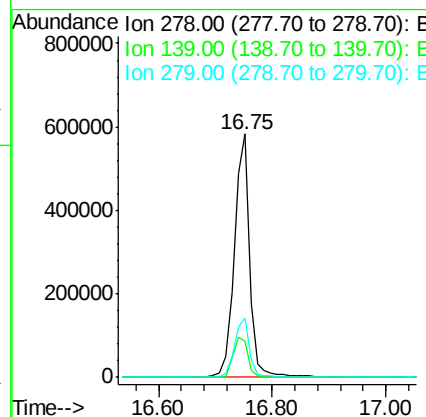
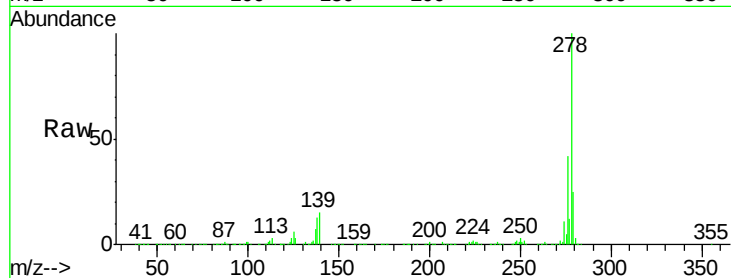
#90
Dibenzo(a,h)anthracene
Concen: 45.91 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.06 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	15.0	22.4#
279	24.6	18.9	28.3

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 45.06 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.08 min
Lab File: BF084574.D
Acq: 20 Jan 2016 19:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.6	17.8	26.6

