

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
 Data File : BF084573.D
 Acq On : 20 Jan 2016 19:13
 Operator : SJ/UM
 Sample : H1159-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Manual Integrations
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 1/21/2016 12:19:59 PM

Quant Time: Jan 21 04:36:14 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	226912	20.00	ng	-0.05
21) Naphthalene-d8	8.06	136	873168	20.00	ng	-0.06
38) Acenaphthene-d10	9.82	164	133263	20.00	ng	-0.05
63) Phenanthrene-d10	11.31	188	323789	20.00	ng	-0.05
75) Chrysene-d12	13.94	240	35488	20.00	ng	-0.06
86) Perylene-d12	15.35	264	851	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1678432	119.64	ng	-0.03
7) Phenol-d6	6.43	99	895734	50.84	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1473655	93.93	ng	-0.06
41) 2,4,6-Tribromophenol	10.61	330	632081	469.81	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	2501913	350.00	ng	-0.05
78) Terphenyl-d14	12.90	244	811030	510.13	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	262732	39.53	ng	# 68
4) n-Nitrosodimethylamine	3.14	42	106434	11.19	ng	87
6) Aniline	6.52	93	662569	25.71	ng	# 49
8) 2-Chlorophenol	6.57	128	652762	41.01	ng	85
9) Benzaldehyde	6.33	77	84345	7.35	ng	94
10) Phenol	6.44	94	507461	25.33	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	662569	42.70	ng	83
12) 1,3-Dichlorobenzene	6.72	146	682562m	41.57	ng	
13) 1,4-Dichlorobenzene	6.80	146	713791	43.35	ng	96
14) 1,2-Dichlorobenzene	6.96	146	660787	41.91	ng	94
15) Benzyl Alcohol	6.93	79	58237	3.93	ng	# 66
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1165754	41.25	ng	91
17) 2-Methylphenol	7.05	107	312214	23.40	ng	91
18) Hexachloroethane	7.29	117	278059	42.23	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	114483	9.60	ng	# 57
20) 3+4-Methylphenols	7.21	107	414583	26.44	ng	# 89
22) Acetophenone	7.20	105	1023439	48.74	ng	# 97
24) Nitrobenzene	7.37	77	790779	49.70	ng	99
25) Isophorone	7.62	82	1035794	34.52	ng	# 93
26) 2-Nitrophenol	7.69	139	421515	58.20	ng	93
27) 2,4-Dimethylphenol	7.73	122	479144	32.69	ng	92
28) bis(2-Chloroethoxy)methane	7.81	93	48080	2.62	ng	# 88
29) 2,4-Dichlorophenol	7.93	162	588058	48.16	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	613836	48.69	ng	97
31) Naphthalene	8.09	128	2055937	51.90	ng	99
32) Benzoic acid	7.87	122	502898	52.63	ng	96
34) Hexachlorobutadiene	8.21	225	354344	48.90	ng	96
35) Caprolactam	8.59	113	99022	24.06	ng	# 60
36) 4-Chloro-3-methylphenol	8.64	107	537702	39.31	ng	98
37) 2-Methylnaphthalene	8.78	142	1408548	49.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	562013	146.70	ng	98
40) Hexachlorocyclopentadiene	8.93	237	598763	258.90	ng	97
42) 2,4,6-Trichlorophenol	9.07	196	466184	162.65	ng	94
43) 2,4,5-Trichlorophenol	9.10	196	431595	157.07	ng	# 87

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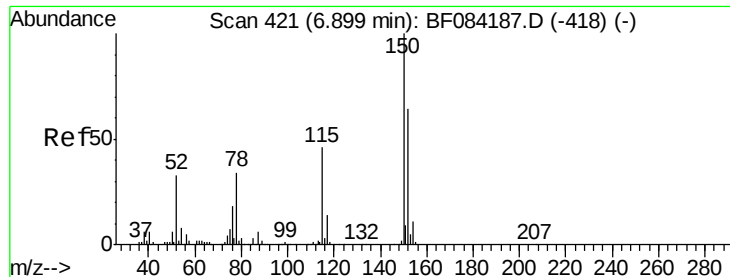
Manual Integrations
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Quant Time: Jan 21 04:36:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.25	154	1780243	168.09	nq	98
46) 2-Chloronaphthalene	9.28	162	1319003	158.55	nq	91
47) 2-Nitroaniline	9.37	65	14273	5.20	nq	98
48) Acenaphthylene	9.69	152	299743	24.39	nq	98
49) Dimethylphthalate	9.56	163	443256	46.53	nq	# 91
50) 2,6-Dinitrotoluene	9.62	165	380227	181.97	nq	# 78
51) Acenaphthene	9.86	154	588078	71.33	nq	96
53) 2,4-Dinitrophenol	9.89	184	385744	417.66	nq	# 78
54) Dibenzofuran	10.03	168	1422308	139.43	nq	91
55) 4-Nitrophenol	9.96	139	494114	262.91	nq	# 80
56) 2,4-Dinitrotoluene	10.02	165	430838	162.91	nq	# 81
57) Fluorene	10.37	166	854157	106.71	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	382904	163.22	nq	90
59) Diethylphthalate	10.26	149	351182	37.39	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	573254	190.05	nq	# 87
62) Azobenzene	10.52	77	43987	4.27	nq	90
64) 4,6-Dinitro-2-methylphenol	10.43	198	283177	Below	Cal	70
66) 4-Bromophenyl-phenylether	10.85	248	344800	98.94	nq	# 73
67) Hexachlorobenzene	10.92	284	457484	116.63	nq	# 92
69) Pentachlorophenol	11.12	266	514335	252.89	nq	97
70) Phenanthrene	11.33	178	1378987	81.42	nq	96
71) Anthracene	11.38	178	690751	41.61	nq	98
73) Di-n-butylphthalate	11.88	149	329037	14.86	nq	100
74) Fluoranthene	12.51	202	442995	25.04	nq	98
77) Pyrene	12.74	202	286721	102.96	nq	98
79) Butylbenzylphthalate	13.37	149	7880	6.54	nq	# 75
80) Benzo(a)anthracene	13.93	228	159216	76.41	nq	98
82) Chrysene	13.96	228	245145	122.43	nq	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	121979	80.12	nq	98
84) Di-n-octyl phthalate	14.55	149	109615	42.65	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.71	276	26015	16.39	nq	95
87) Benzo(b)fluoranthene	14.95	252	80455m	1445.28	nq	
88) Benzo(k)fluoranthene	14.98	252	35375m	777.00	nq	
89) Benzo(a)pyrene	15.29	252	27781	588.36	nq	# 90
90) Dibenzo(a,h)anthracene	16.72	278	34601	851.61	nq	# 92
91) Benzo(a,h,i)perylene	17.11	276	61805	1468.90	nq	98

(#) = 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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Instrument :

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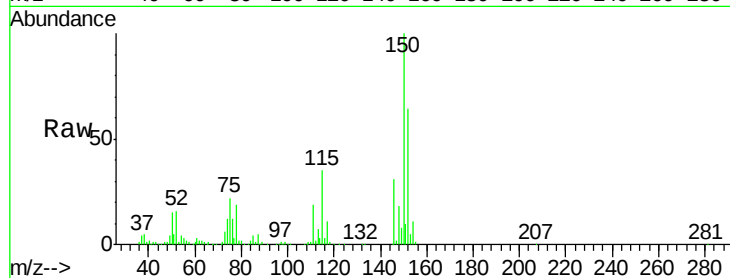
ClientSampleId :

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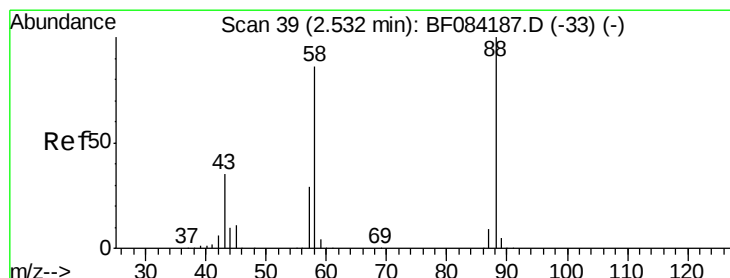
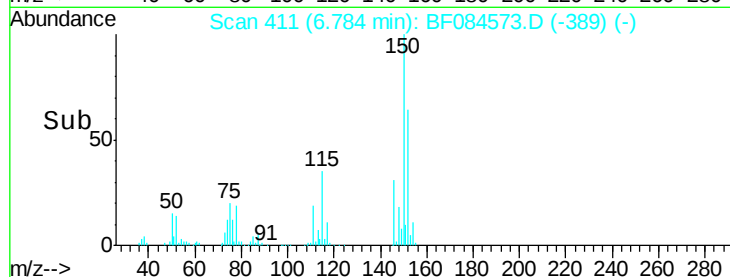
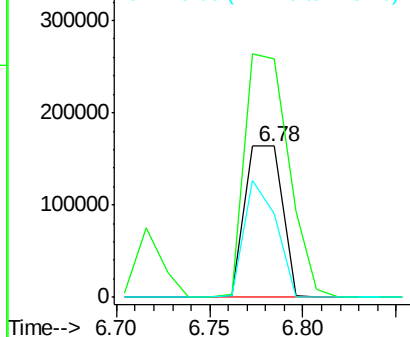
Tot Ion:	152	Resp:	226912
Ion Ratio	Lower	Upper	
152	100		
150	157.2	123.0	184.4
115	55.2	51.4	77.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.53 ng

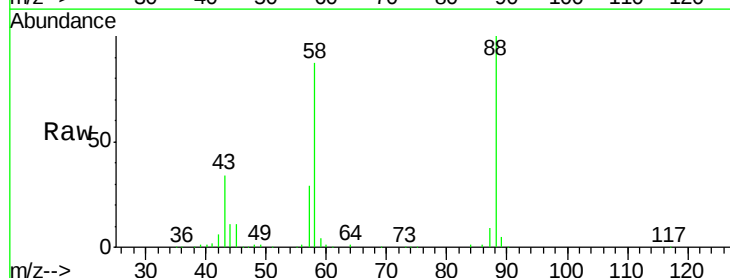
RT: 2.57 min Scan# 42

Delta R.T. 0.17 min

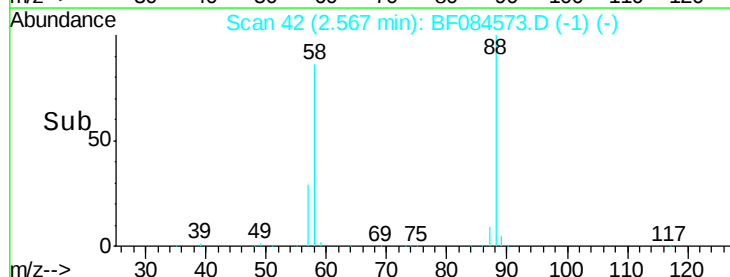
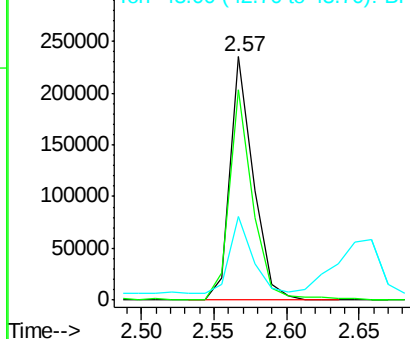
Lab File: BF084573.D

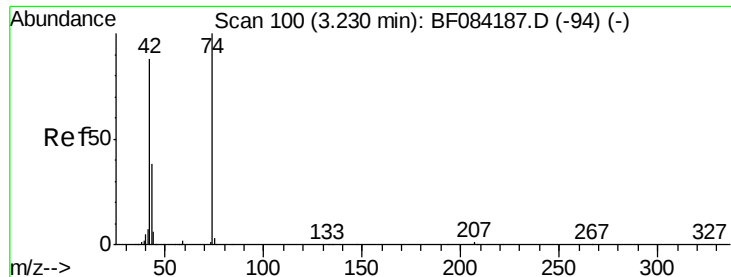
Acq: 20 Jan 2016 19:13

Tgt Ion:	88	Resp:	262732
Ion Ratio	Lower	Upper	
88	100		
58	84.1	51.2	76.8#
43	0.0	19.5	29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#4

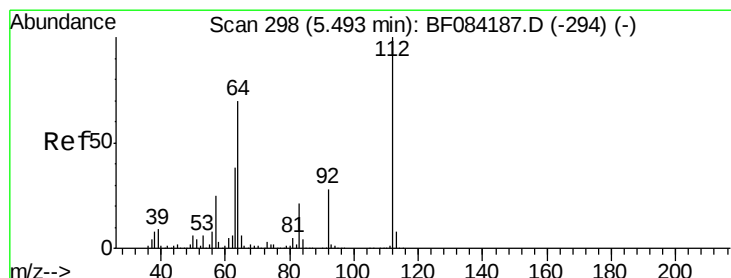
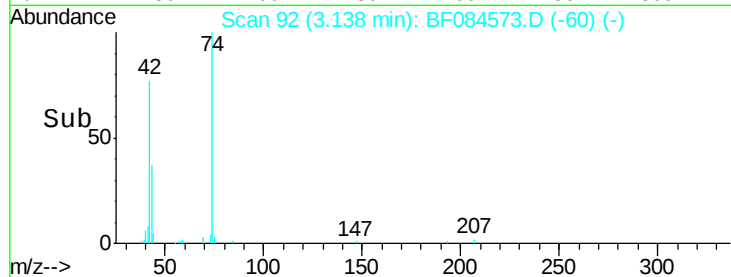
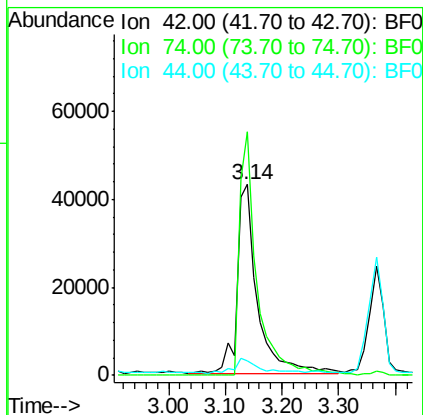
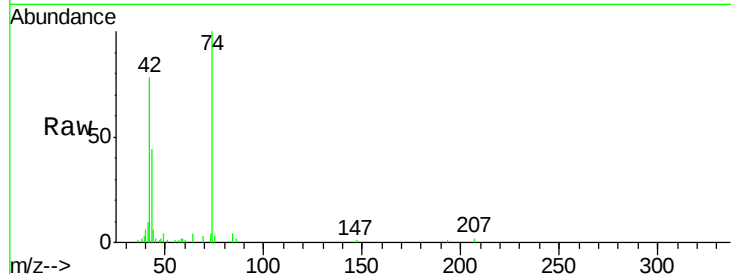
n-Nitrosodimethylamine
 Concen: 11.19 ng
 RT: 3.14 min Scan# 92
 Delta R.T. 0.07 min
 Lab File: BF084573.D
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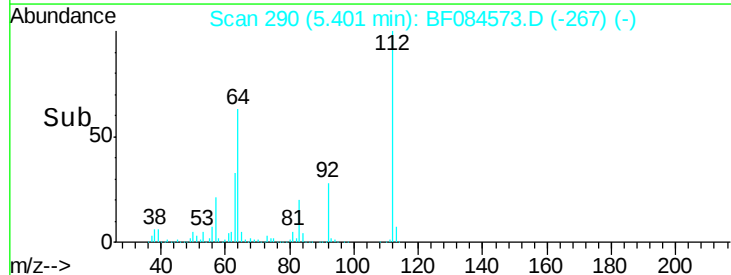
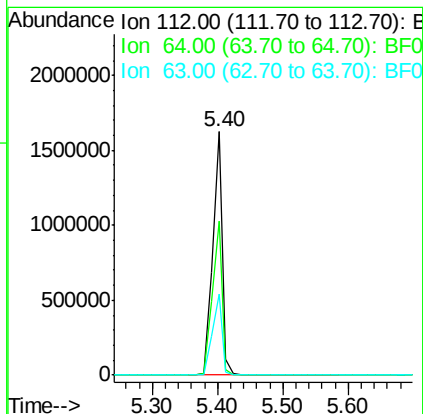
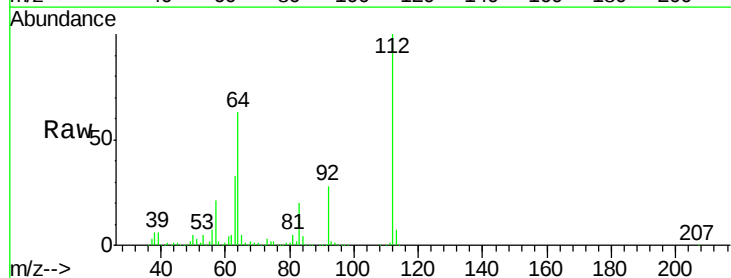
Tot Ion	Ratio	Lower	Upper
42	100		
74	127.6	115.7	173.5
44	7.6	5.1	7.7

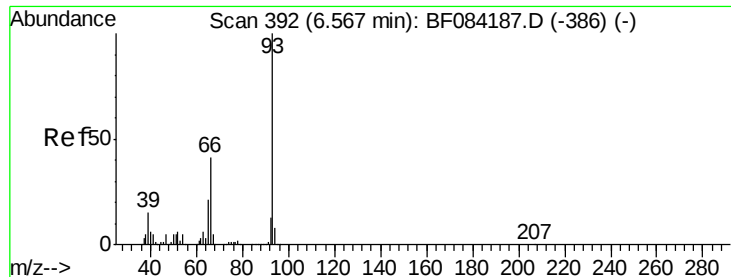


#5

2-Fluorophenol
 Concen: 119.64 ng
 RT: 5.40 min Scan# 290
 Delta R.T. -0.03 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	36.6	55.0#
63	33.3	19.4	29.0#





#6

Aniline

Concen: 25.71 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.02 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

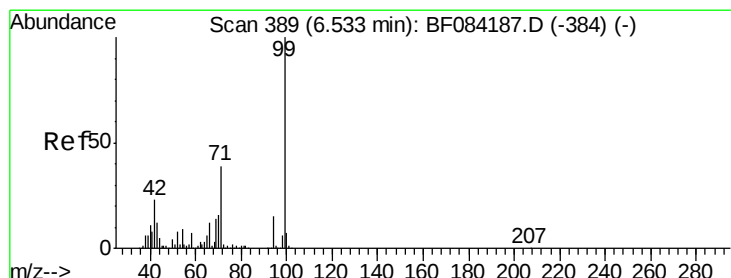
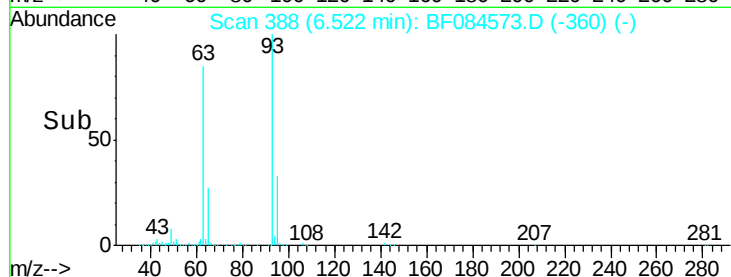
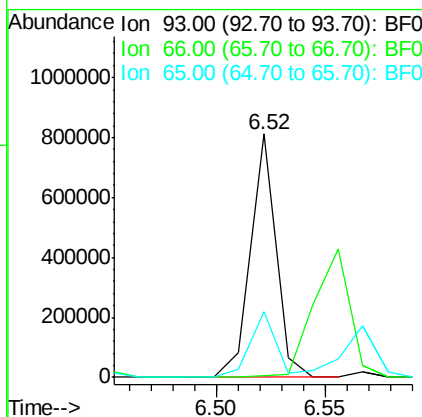
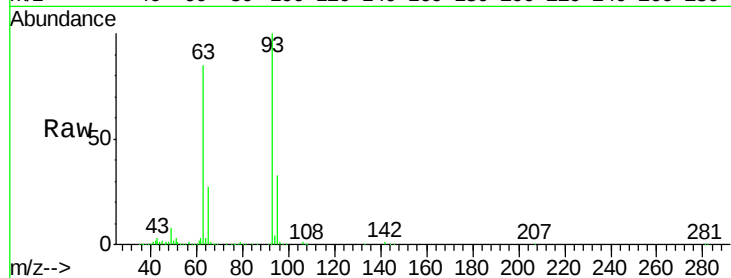
ClientSampleId :

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Tot Ion:	93	Resp:	662569
Ion Ratio	Lower	Upper	
93	100		
66	0.6	44.9	67.3#
65	27.0	23.7	35.5

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#7

Phenol-d6

Concen: 50.84 ng

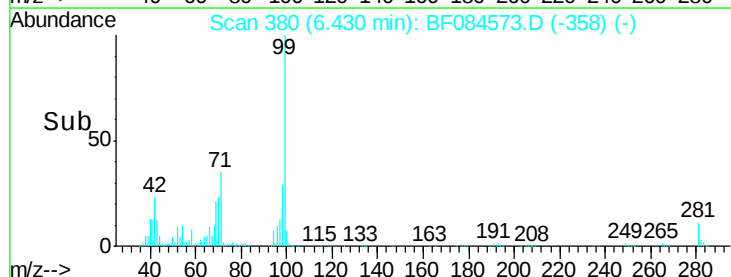
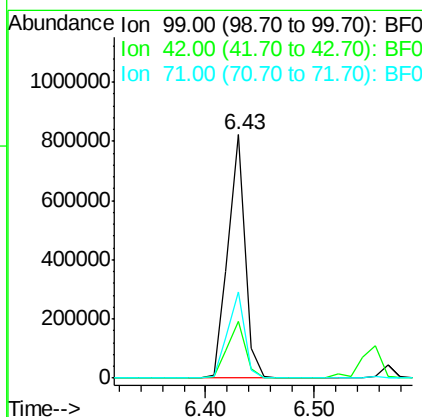
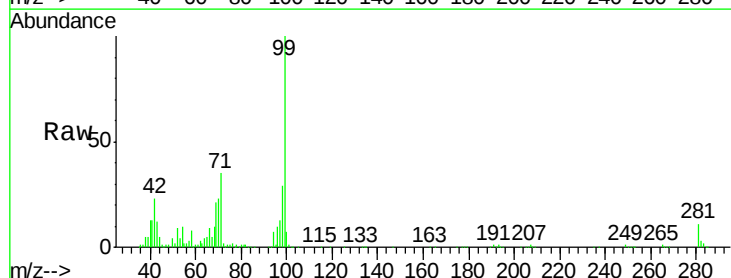
RT: 6.43 min Scan# 380

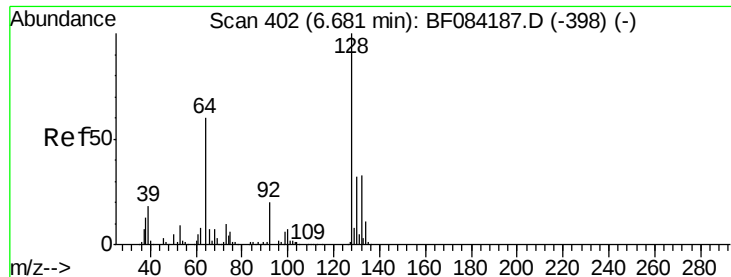
Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:	99	Resp:	895734
Ion Ratio	Lower	Upper	
99	100		
42	23.3	12.8	19.2#
71	35.3	30.9	46.3





#8

2-Chlorophenol

Concen: 41.01 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

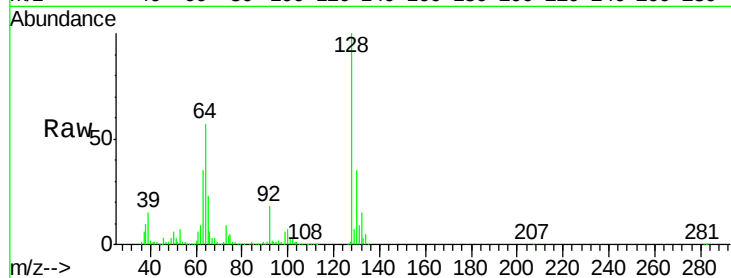
ClientSampleId :

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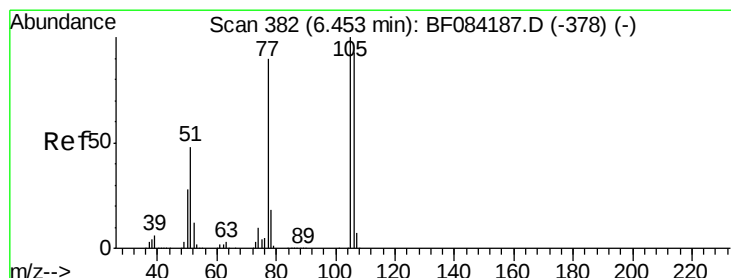
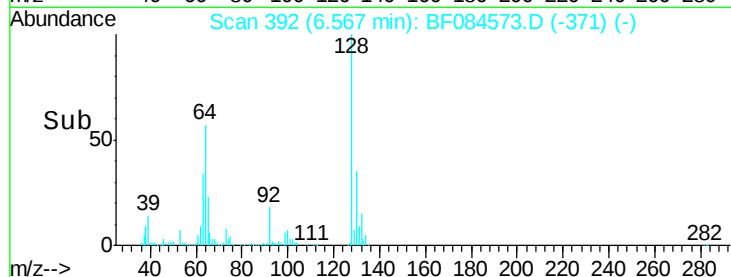
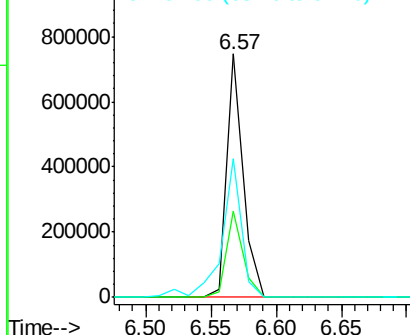
Tot Ion:	128	Resp:	652762
Ion Ratio	Lower	Upper	
128	100		
130	35.5	11.6	51.6
64	57.1	23.8	63.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 7.35 ng

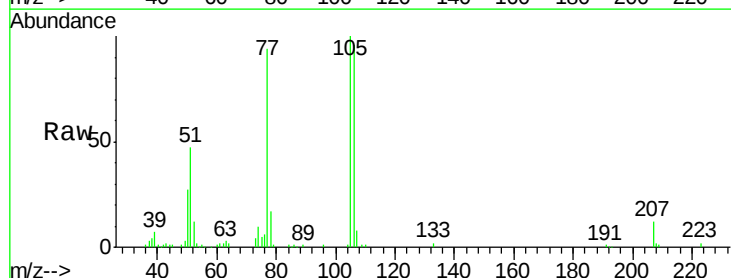
RT: 6.33 min Scan# 371

Delta R.T. -0.06 min

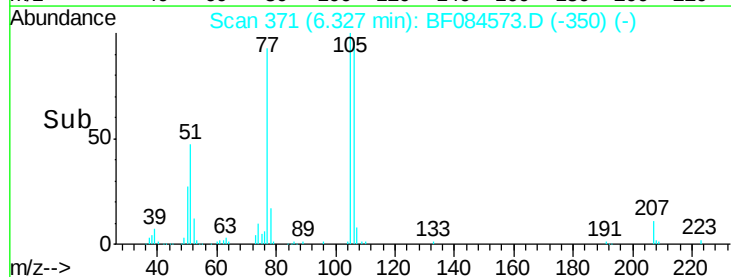
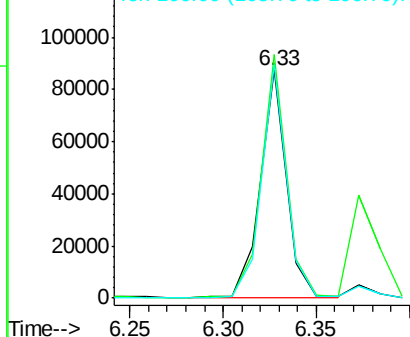
Lab File: BF084573.D

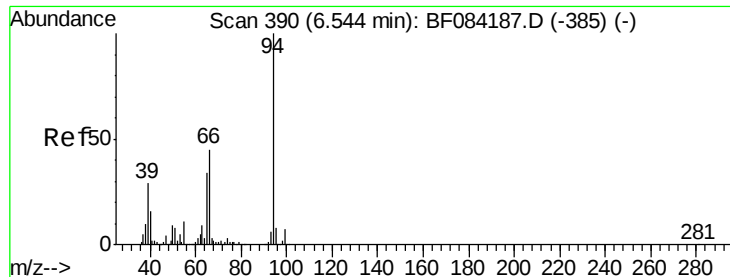
Acq: 20 Jan 2016 19:13

Tgt Ion:	77	Resp:	84345
Ion Ratio	Lower	Upper	
77	100		
105	106.7	83.0	123.0
106	102.5	74.6	114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 25.33 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

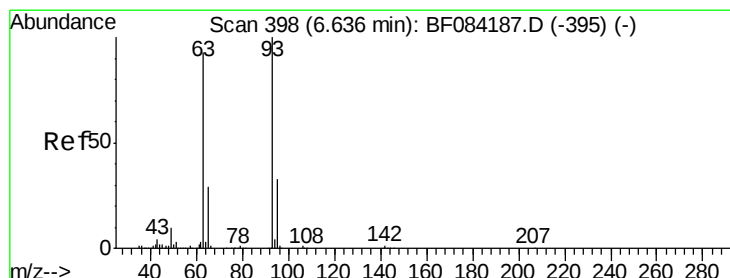
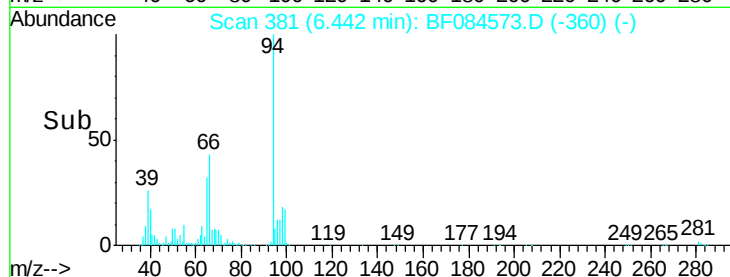
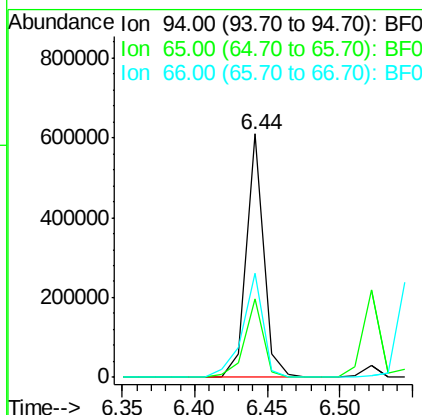
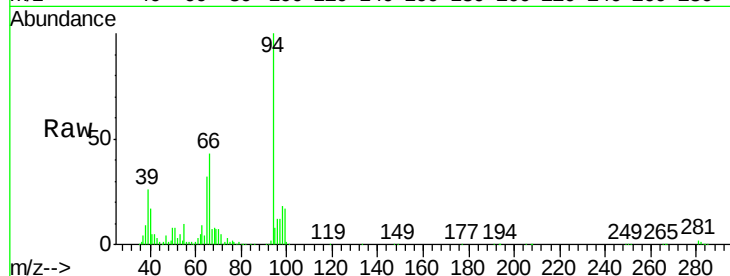
ClientSampleId :

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Tot Ion:	94	Resp:	507461
Ion Ratio	Lower	Upper	
94	100		
65	32.2	12.9	52.9
66	42.7	32.7	72.7

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#11

bis(2-Chloroethyl)ether

Concen: 42.70 ng

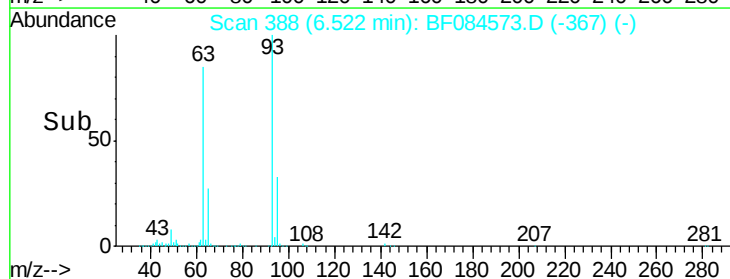
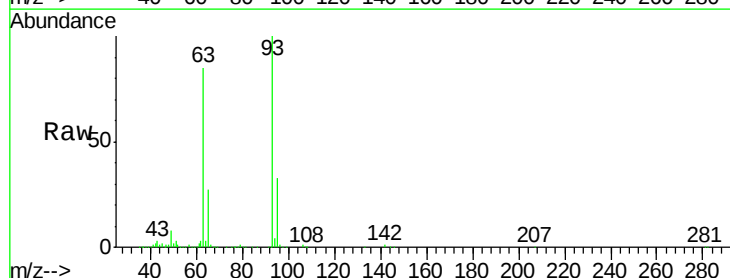
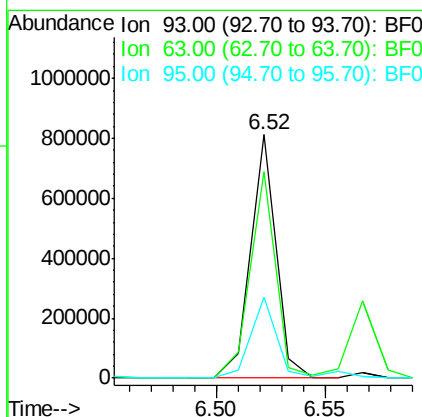
RT: 6.52 min Scan# 388

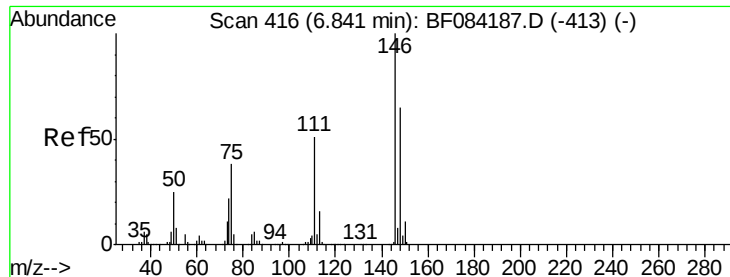
Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:	93	Resp:	662569
Ion Ratio	Lower	Upper	
93	100		
63	84.8	45.9	85.9
95	33.3	12.3	52.3





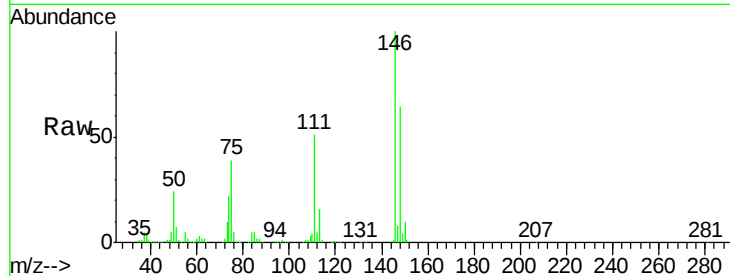
#12
 1,3-Dichlorobenzene
 Concen: 41.57 ng/ml
 RT: 6.72 min Scan# 405
 Delta R.T. -0.06 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
75	38.8	20.5	30.7

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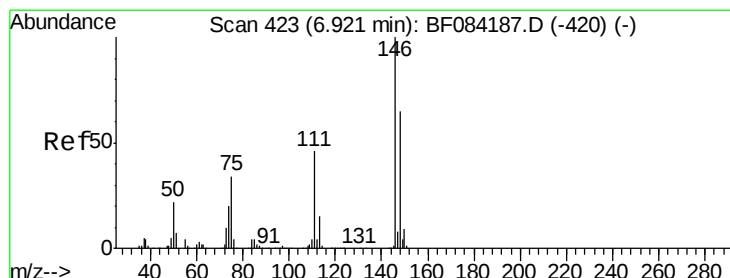
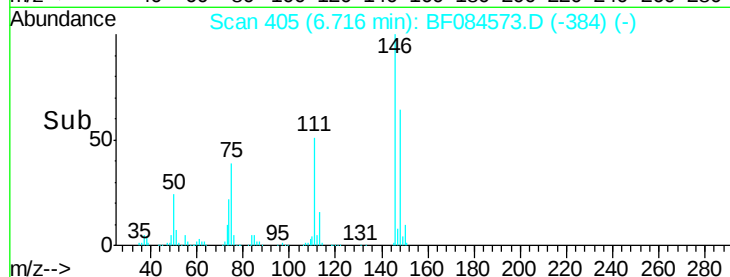
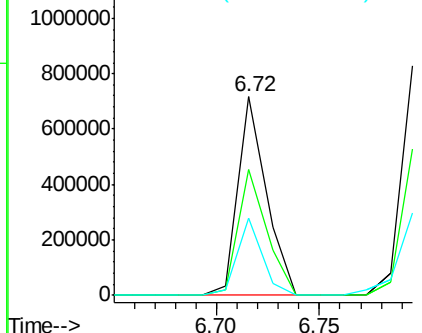


Abundance

Ion 146.00 (145.70 to 146.70): E

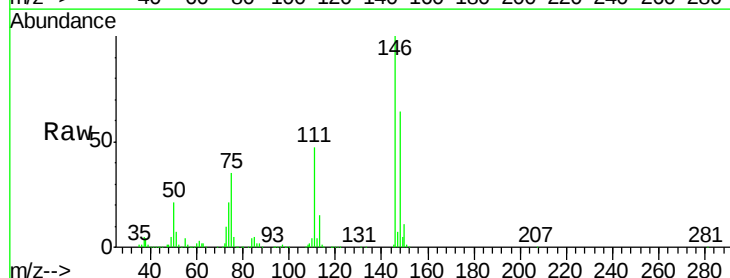
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): E



#13
 1,4-Dichlorobenzene
 Concen: 43.35 ng/ml
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	47.2	41.6	62.4

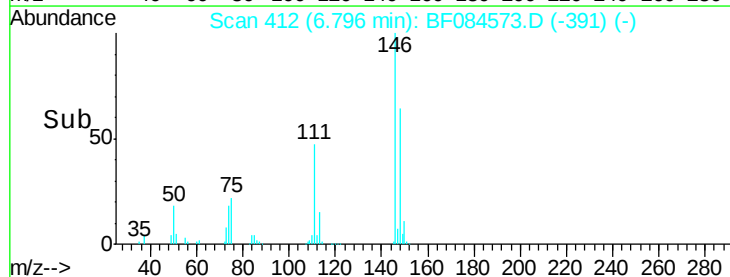
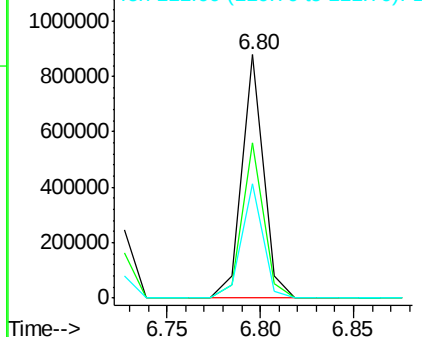


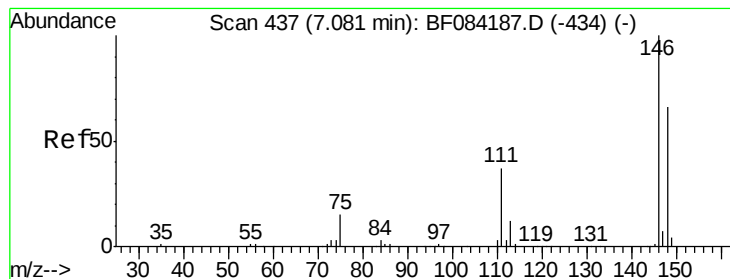
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





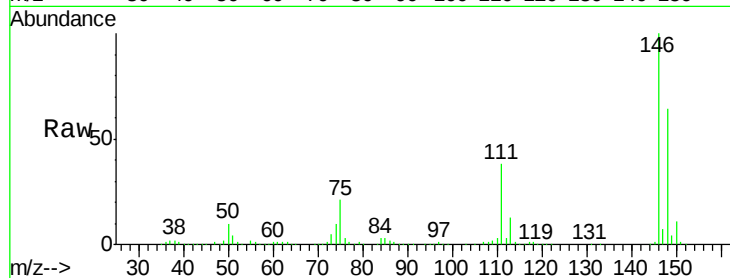
#14
1,2-Dichlorobenzene
Concen: 41.91 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
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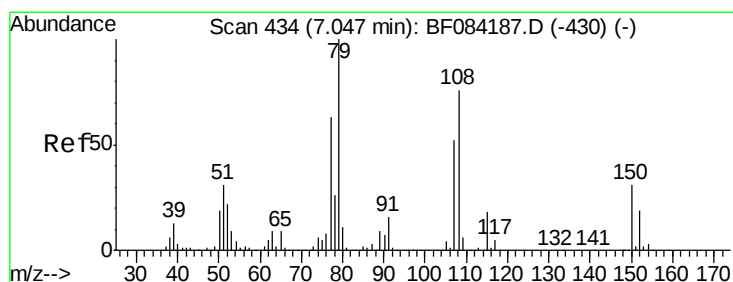
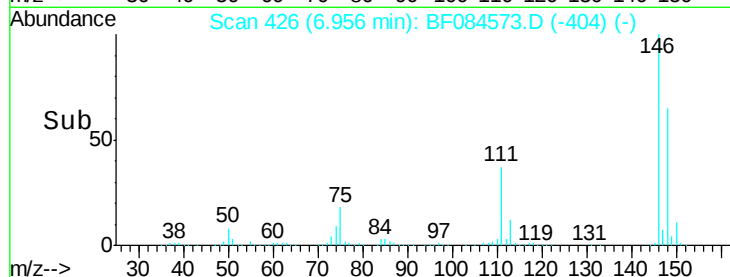
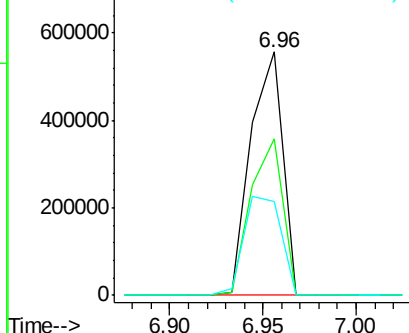
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	38.4	38.0	57.0

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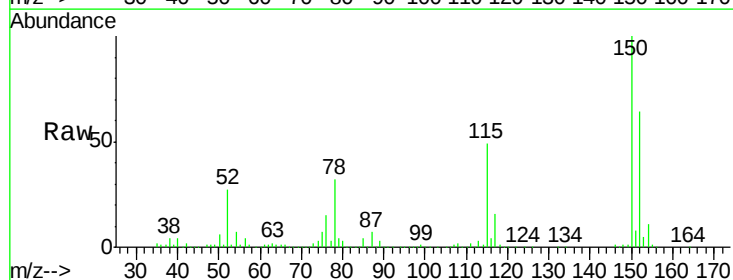


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

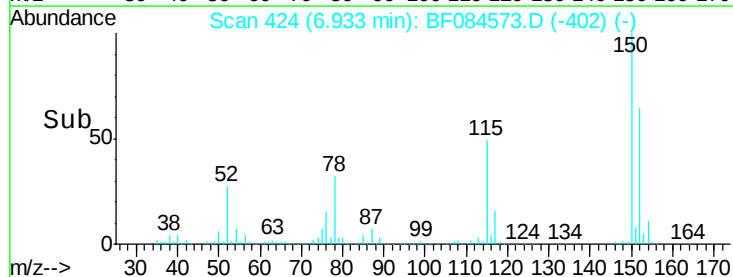
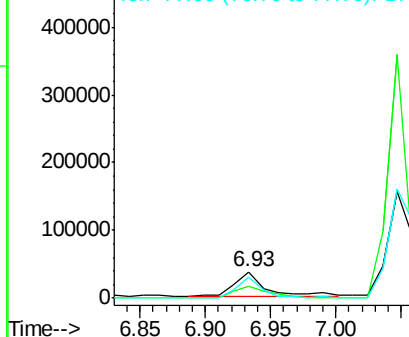


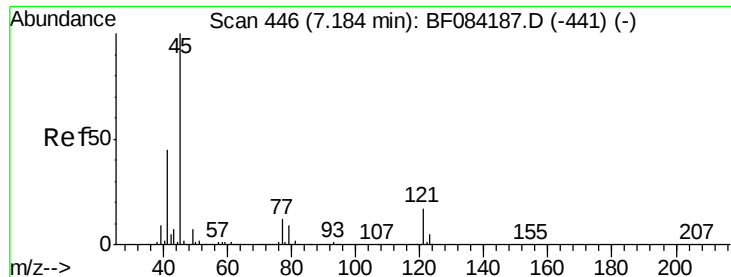
#15
Benzyl Alcohol
Concen: 3.93 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
79	100		
108	46.0	69.0	103.4#
77	78.7	50.0	75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0





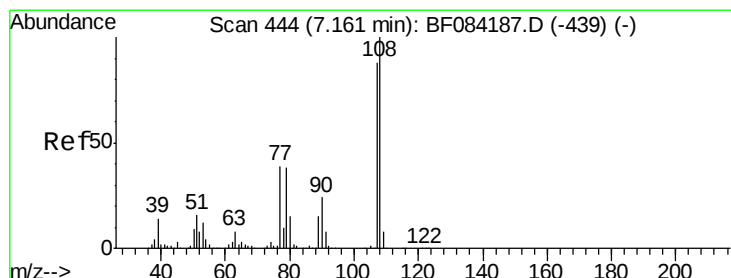
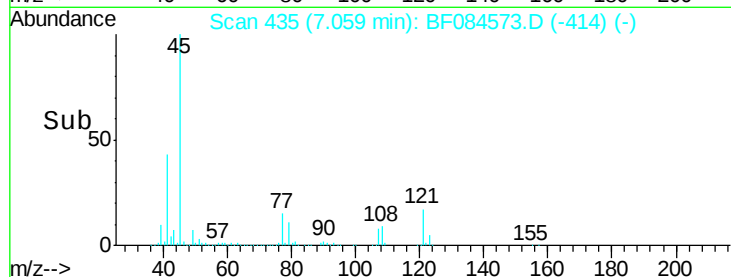
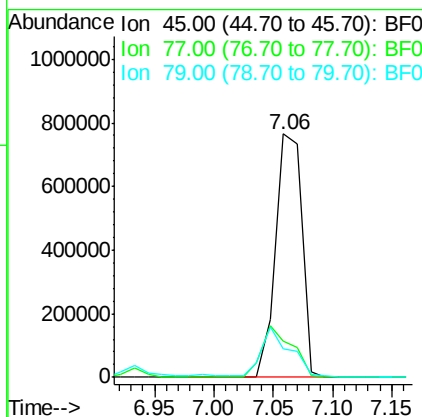
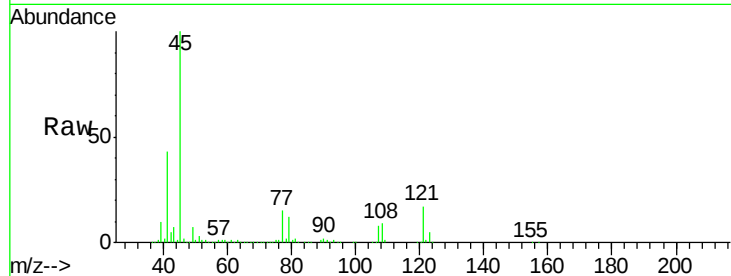
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 41.25 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	39.6
79	11.8	0.0	35.0

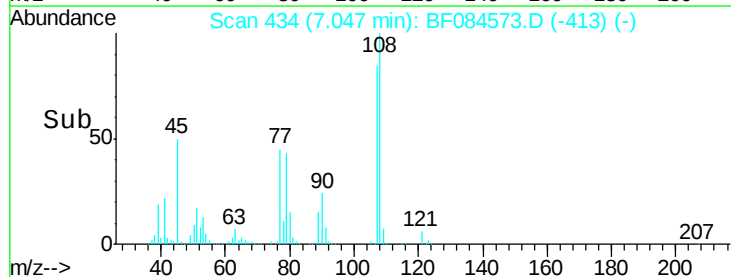
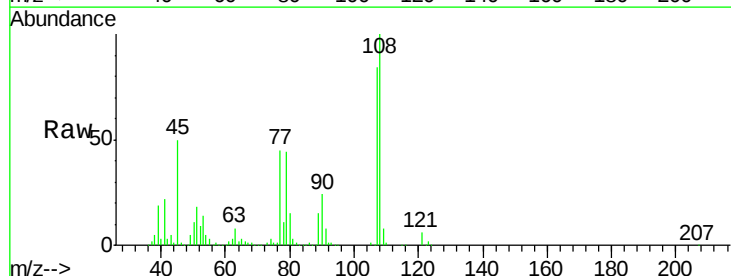
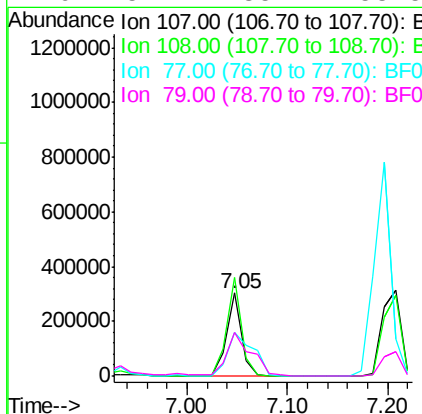
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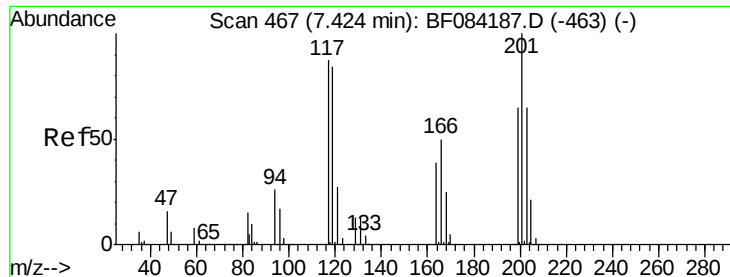
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#17
2-Methylphenol
Concen: 23.40 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	118.8	89.8	134.6
77	53.1	35.7	53.5
79	52.1	35.7	53.5





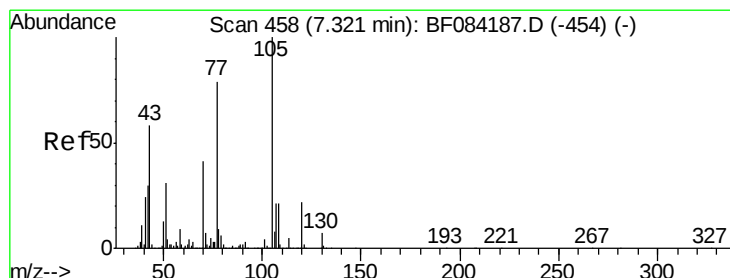
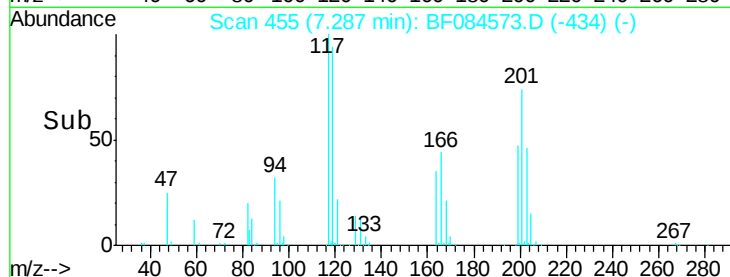
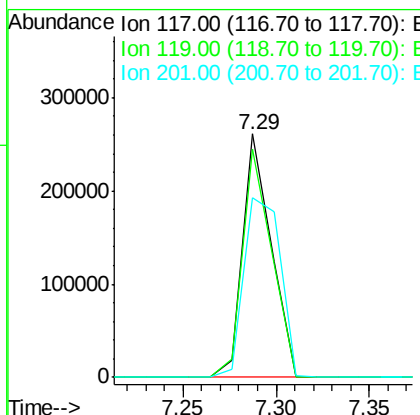
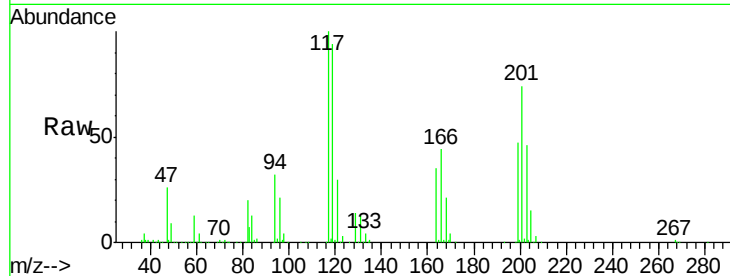
#18
Hexachloroethane
Concen: 42.23 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	278059		
119	93.9	77.4	116.0	
201	73.9	68.6	103.0	

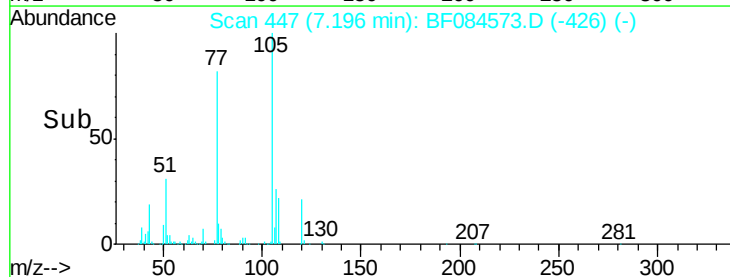
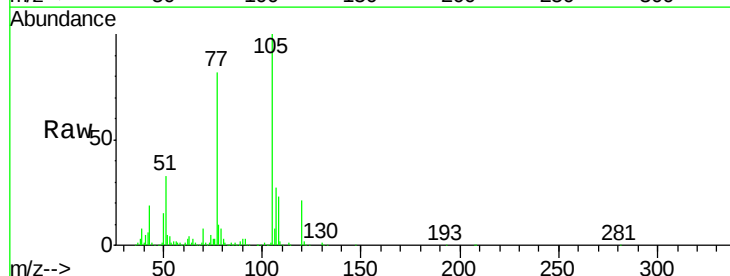
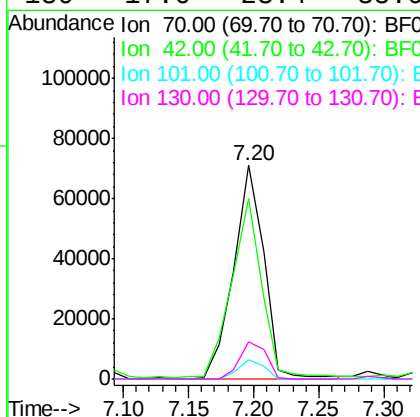
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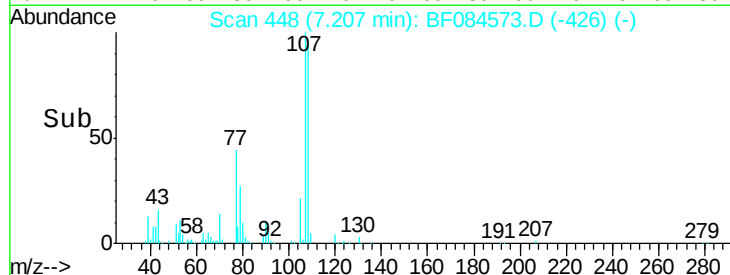
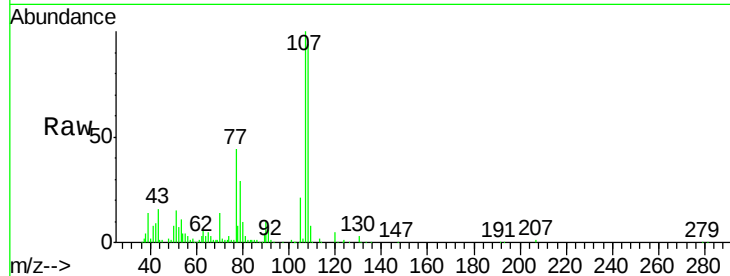
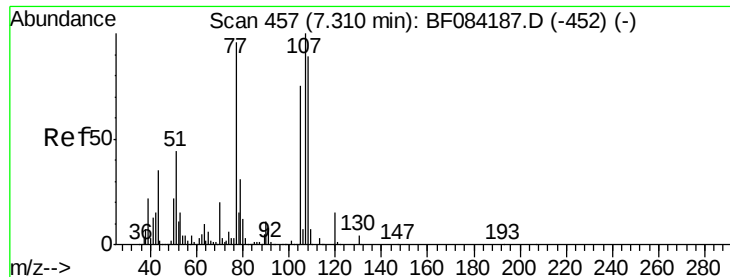
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#19
n-Nitroso-di-n-propylamine
Concen: 9.60 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	114483		
42	84.6	33.3	49.9#	
101	9.0	9.3	13.9#	
130	17.6	23.4	35.0#	





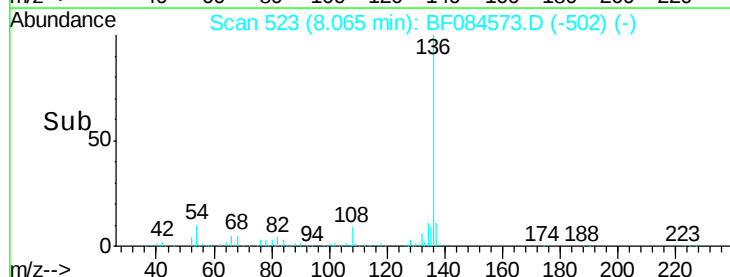
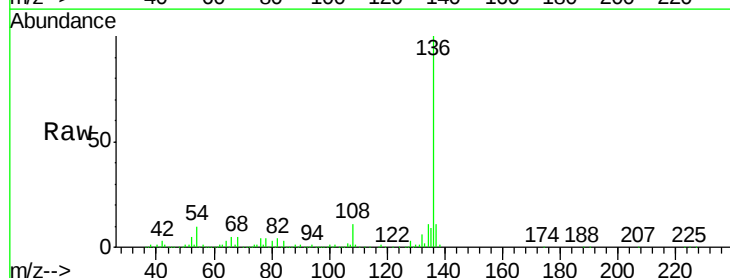
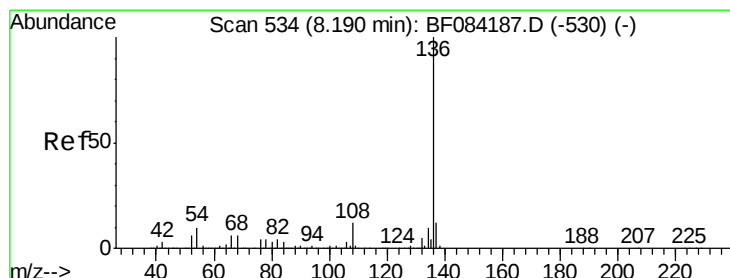
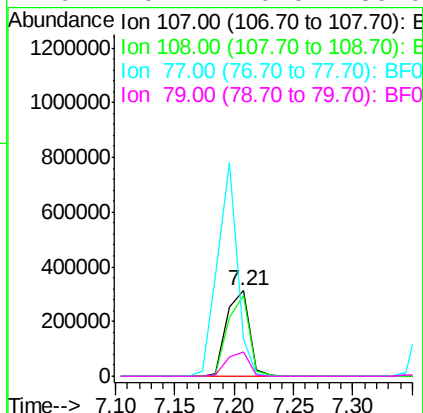
#20
3+4-Methylphenols
Concen: 26.44 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
414583	107	100			
	108	94.4	74.6	114.6	
	77	43.9	0.7	40.7	
	79	29.1	0.0	39.0	

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

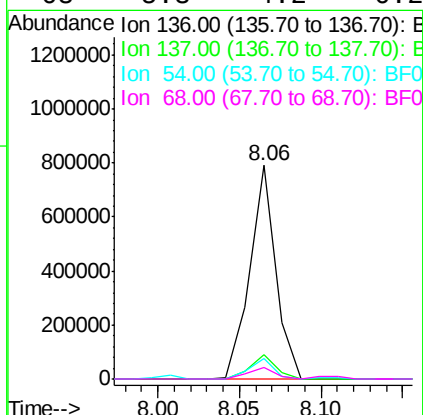
Manual Integrations
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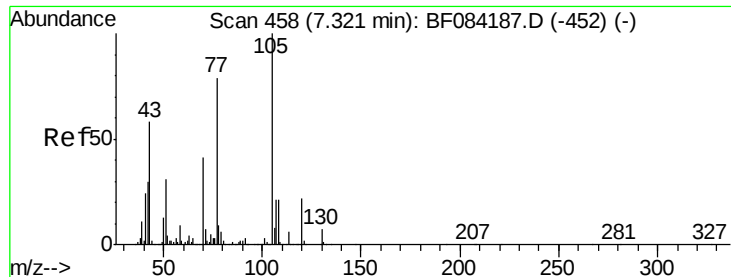
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
873168	136	100			
	137	11.1	8.7	13.1	
	54	9.7	5.8	8.8	
	68	5.3	4.2	6.2	





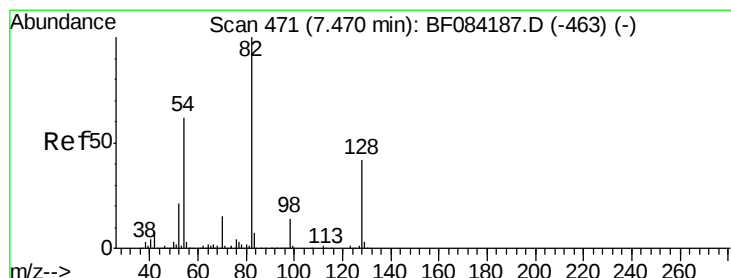
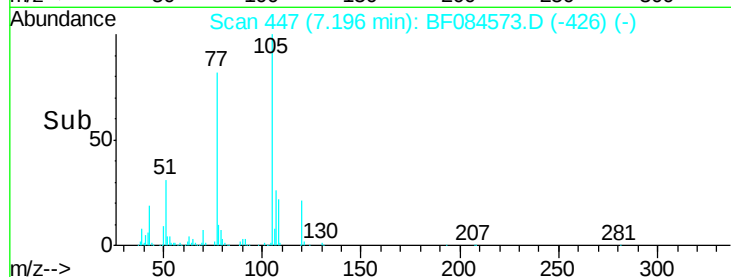
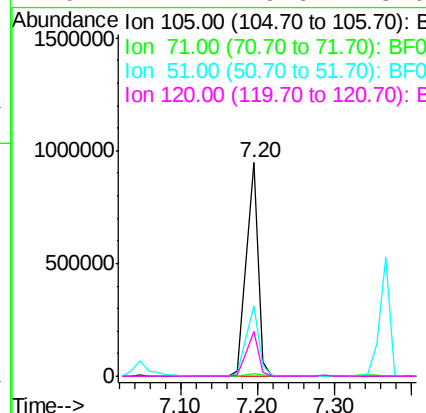
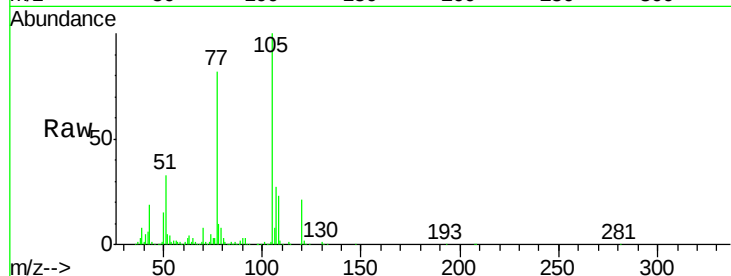
#22
Acetophenone
Concen: 48.74 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Lower	Upper
105	100		
71	1.2	3.7	5.5#
51	33.1	25.1	37.7
120	21.1	16.6	25.0

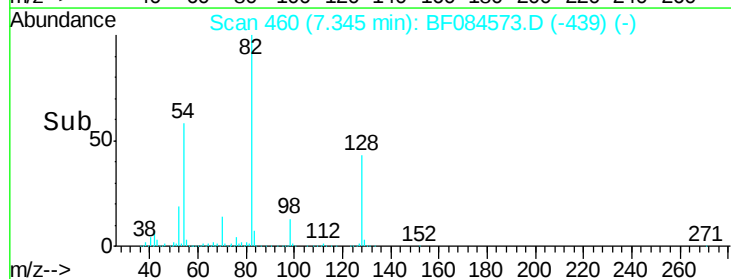
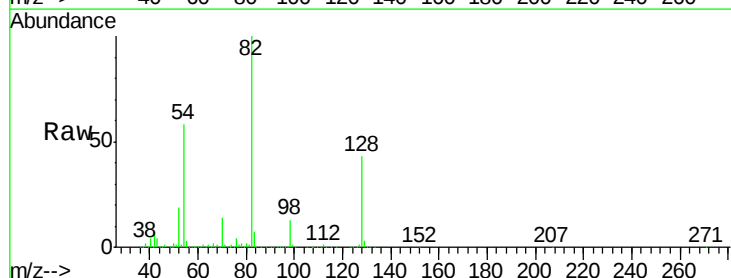
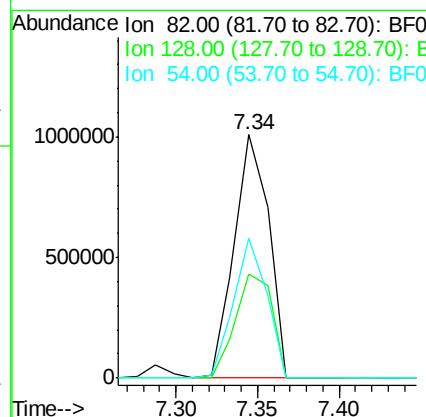
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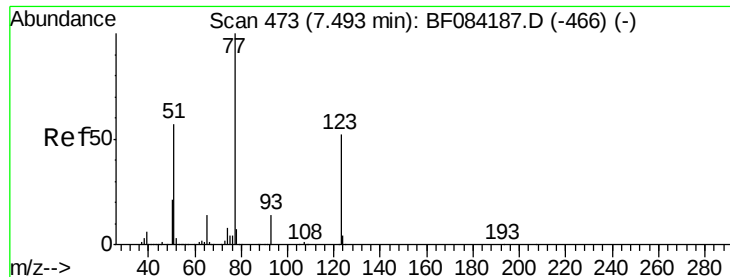
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#23
Nitrobenzene-d5
Concen: 93.93 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	57.6	38.4	57.6





#24

Nitrobenzene

Concen: 49.70 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

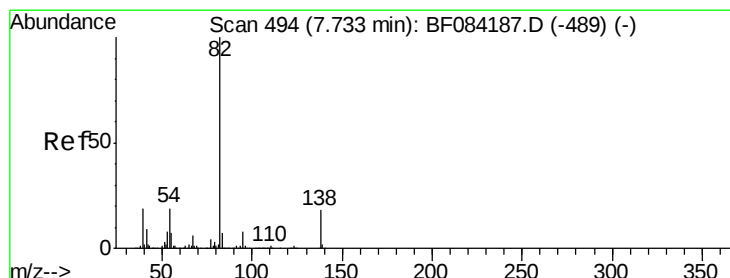
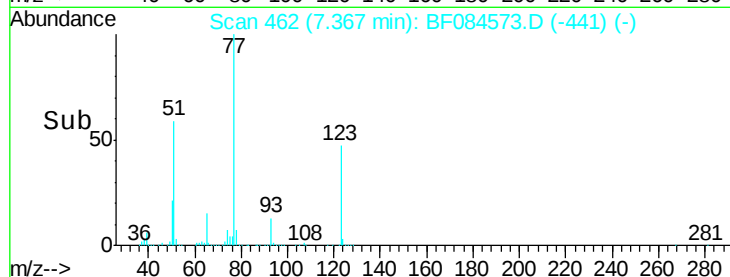
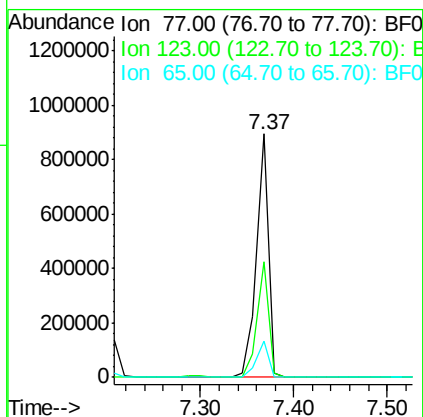
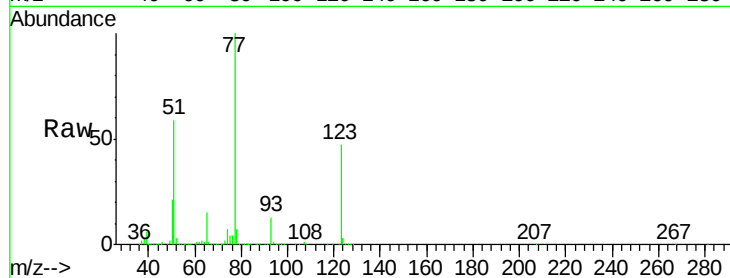
ClientSampleId :

SULFURCAKEMS

Tot Ion:	77	Resp:	790779
Ion Ratio	Lower	Upper	
77	100		
123	47.4	37.4	56.2
65	14.7	10.9	16.3

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#25

Isophorone

Concen: 34.52 ng

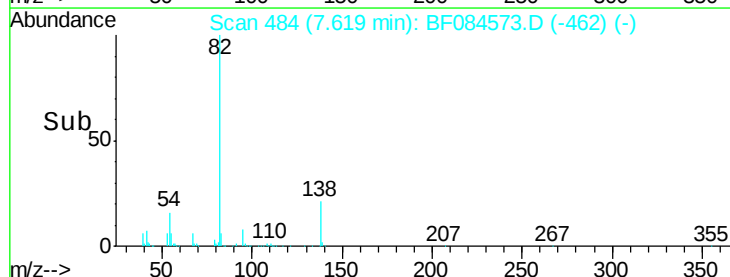
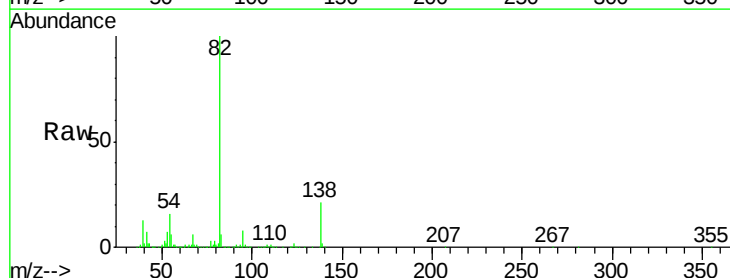
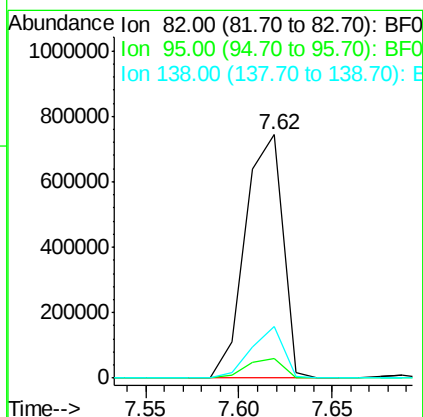
RT: 7.62 min Scan# 484

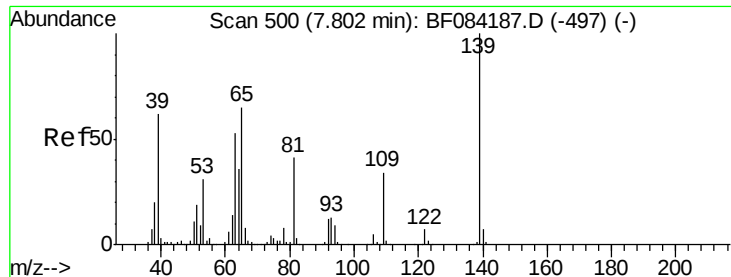
Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:	82	Resp:	1035794
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.6	10.0
138	21.3	13.6	20.4





#26

2-Nitrophenol

Concen: 58.20 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

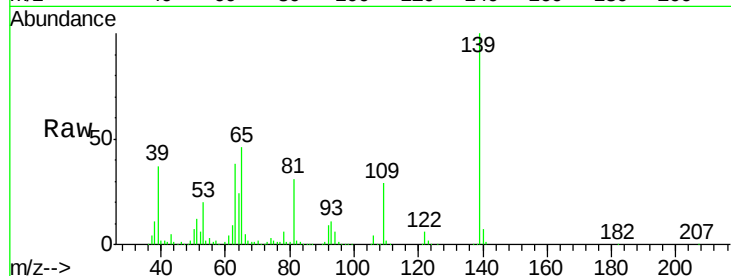
ClientSampleId :

SULFURCAKEMS

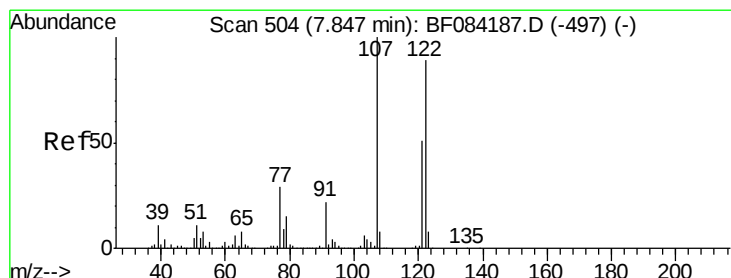
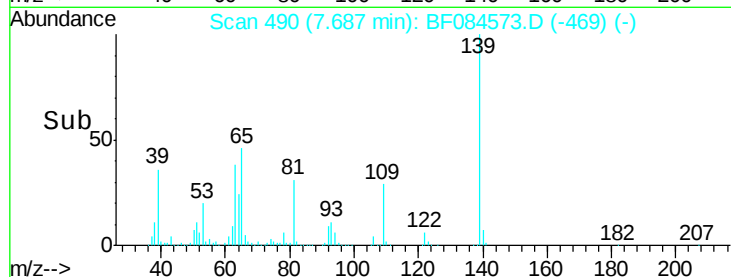
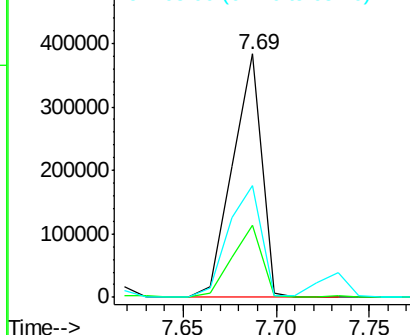
Tot Ion:	139	Resp:	421515
Ion Ratio		Lower	Upper
139	100		
109	29.4	25.4	38.2
65	45.9	32.3	48.5

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 32.69 ng

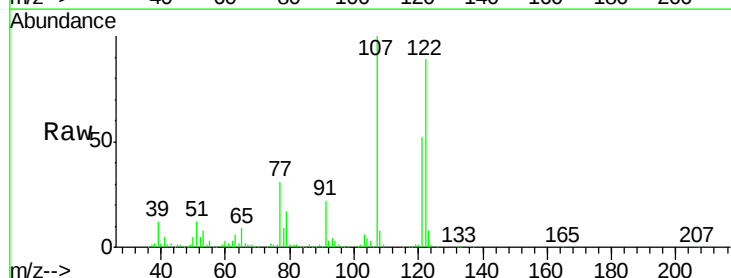
RT: 7.73 min Scan# 494

Delta R.T. -0.05 min

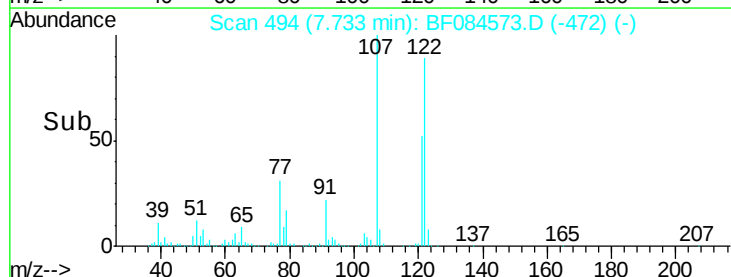
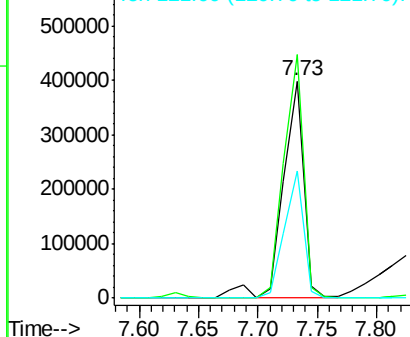
Lab File: BF084573.D

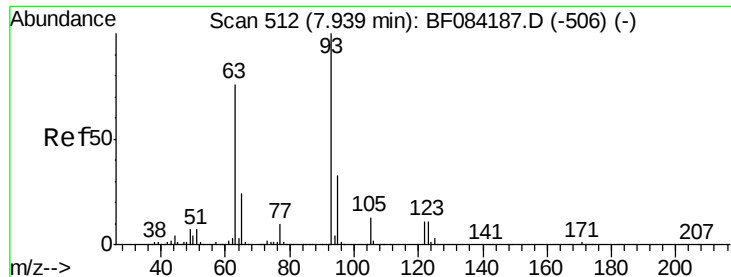
Acq: 20 Jan 2016 19:13

Tgt Ion:	122	Resp:	479144
Ion Ratio		Lower	Upper
122	100		
107	112.3	99.1	148.7
121	58.4	47.9	71.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





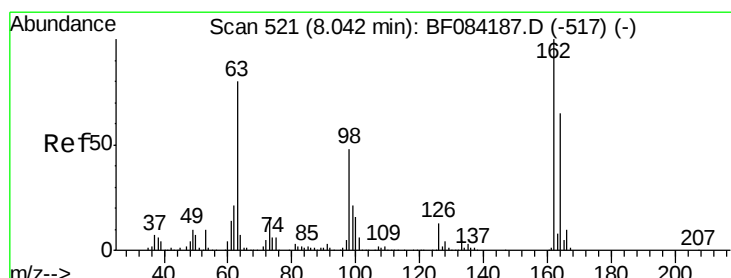
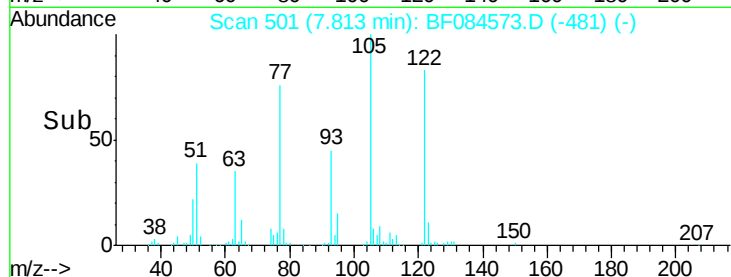
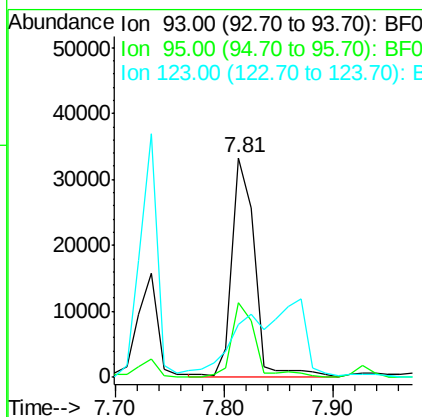
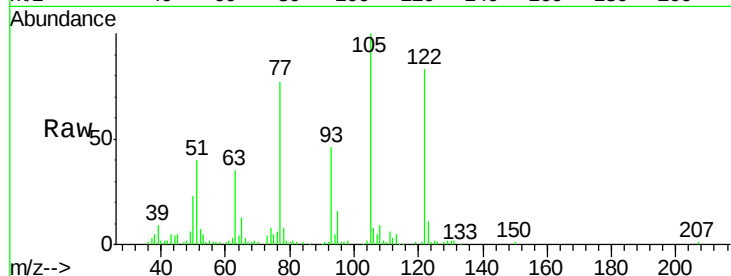
#28
bis(2-Chloroethoxy)methane
Concen: 2.62 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.07 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Lower	Upper
93	100		
95	34.3	25.8	38.6
123	23.9	8.6	12.8

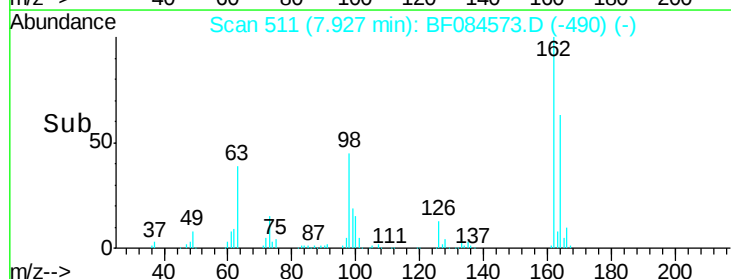
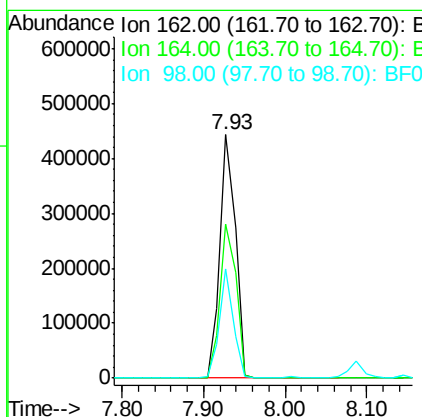
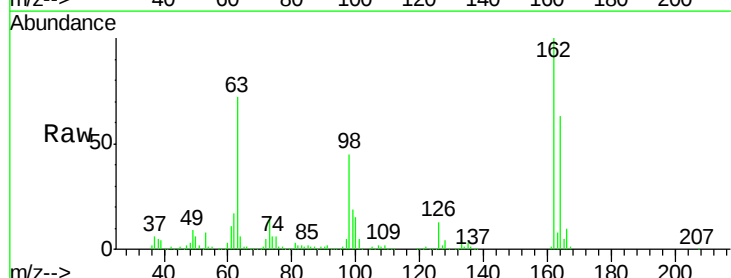
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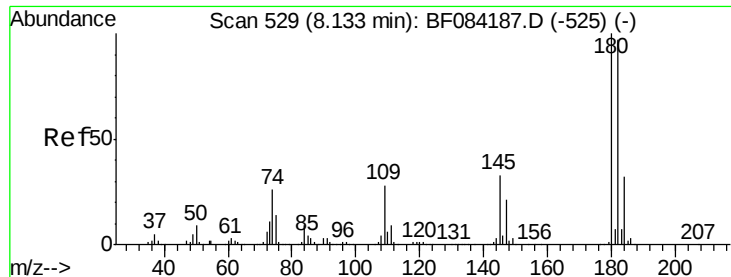
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#29
2,4-Dichlorophenol
Concen: 48.16 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.1	84.1
98	45.0	20.2	60.2





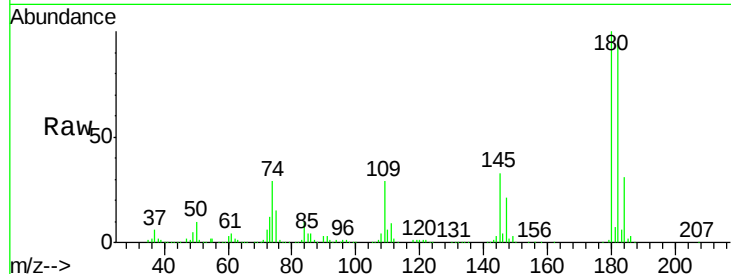
#30
1,2,4-Trichlorobenzene
Concen: 48.69 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

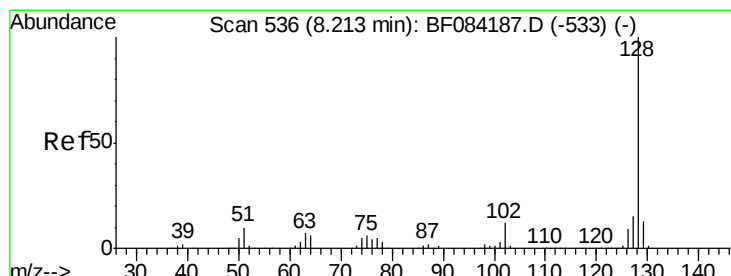
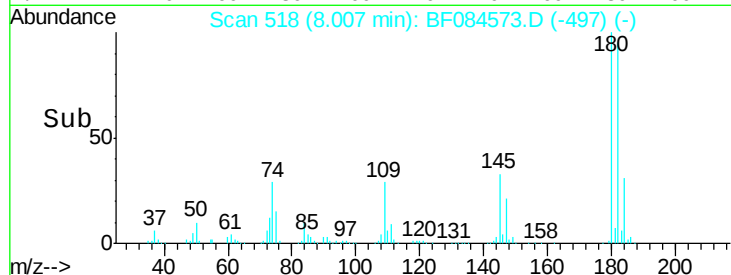
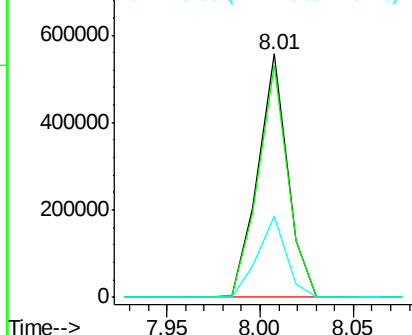
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	33.2	31.6	47.4

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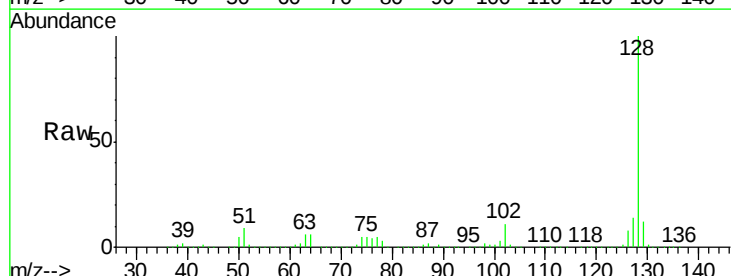


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

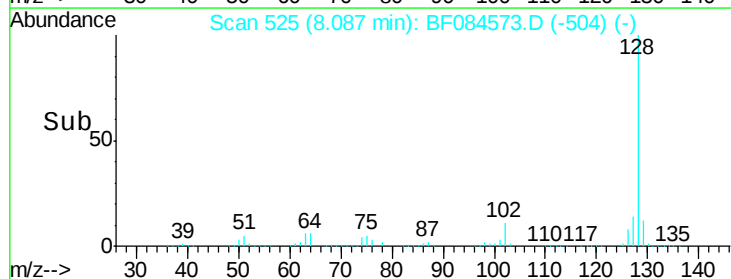
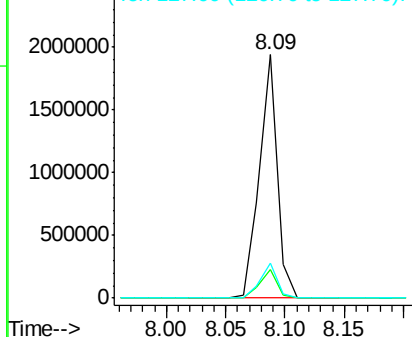


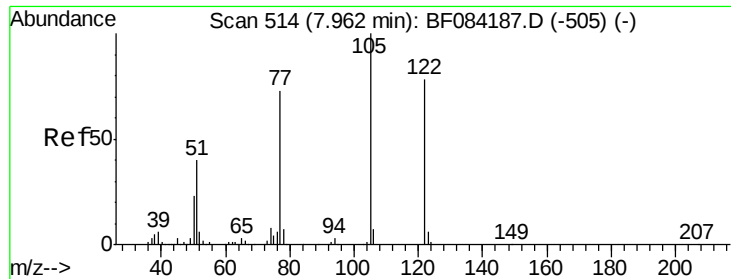
#31
Naphthalene
Concen: 51.90 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.1	11.1	16.7



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: 52.63 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

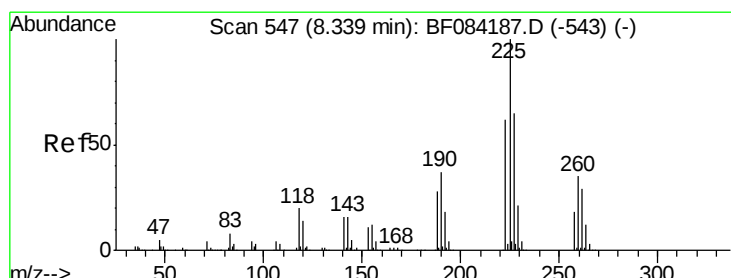
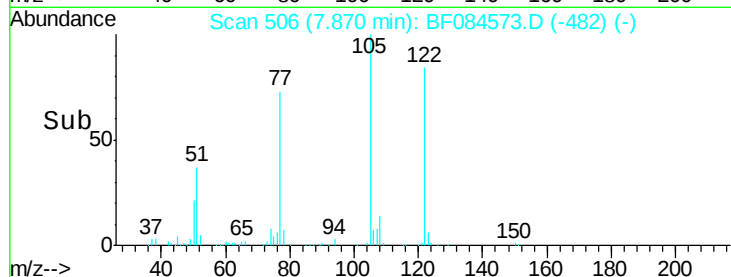
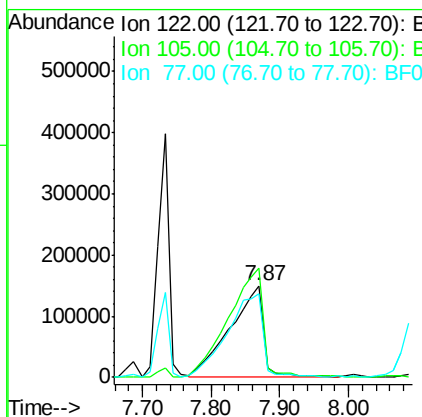
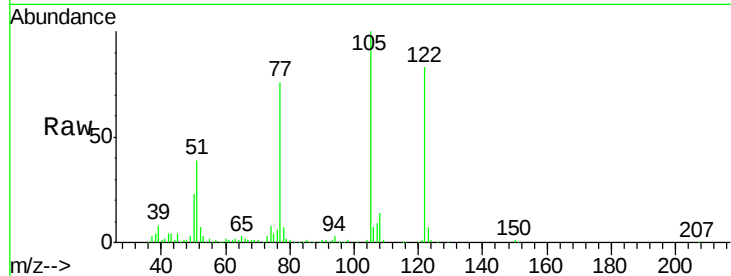
ClientSampleId :

SULFURCAKEMS

Tot Ion:	122	Resp:	502898
Ion Ratio	Lower	Upper	
122	100		
105	119.9	100.3	140.3
77	90.9	63.5	103.5

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#34

Hexachlorobutadiene

Concen: 48.90 ng

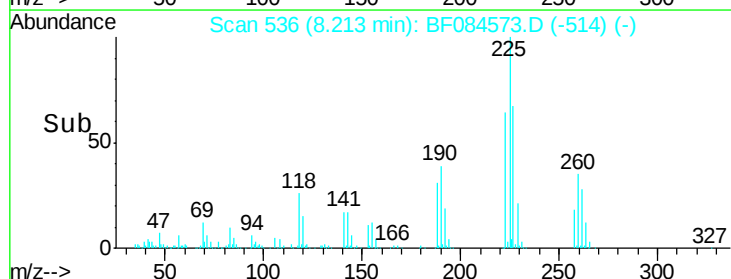
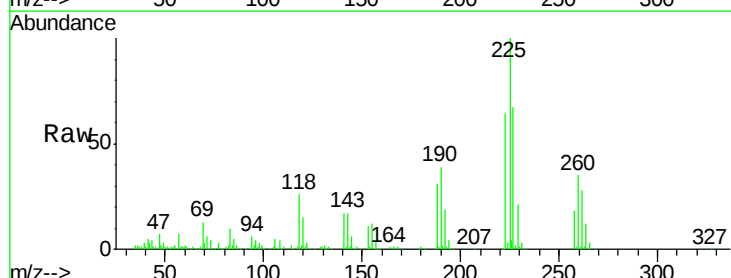
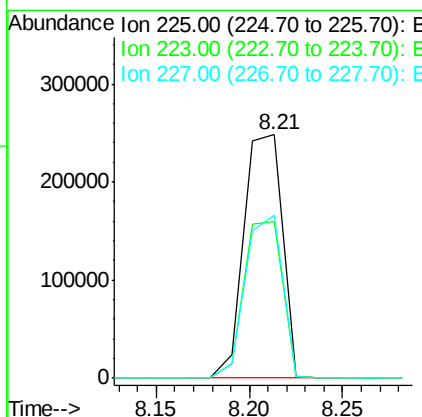
RT: 8.21 min Scan# 536

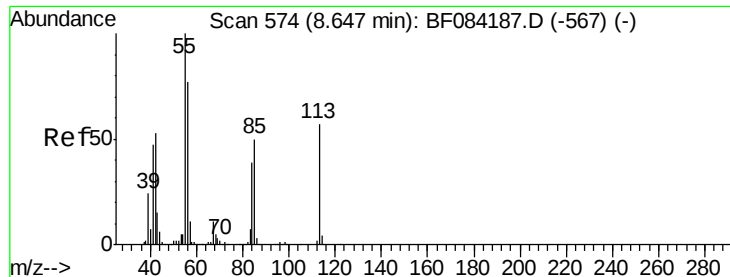
Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:	225	Resp:	354344
Ion Ratio	Lower	Upper	
225	100		
223	64.3	49.4	74.0
227	67.0	50.8	76.2





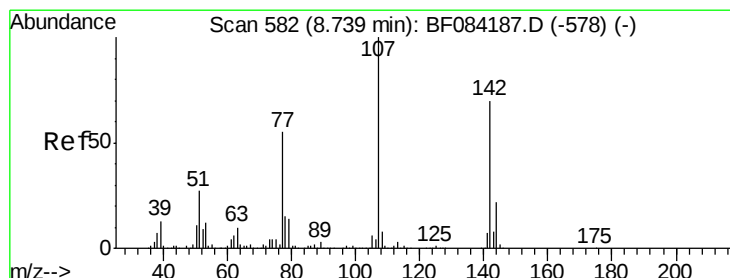
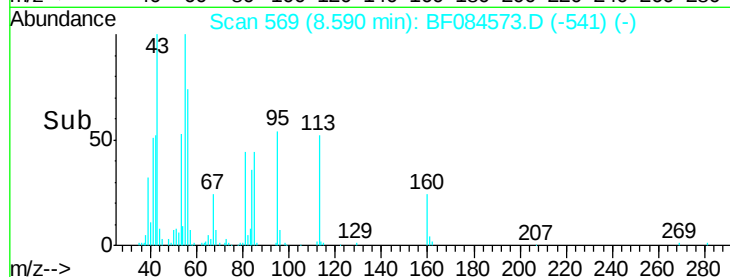
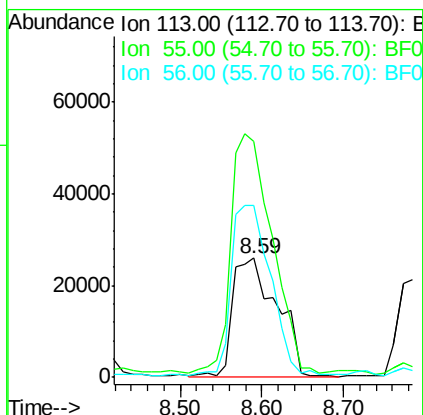
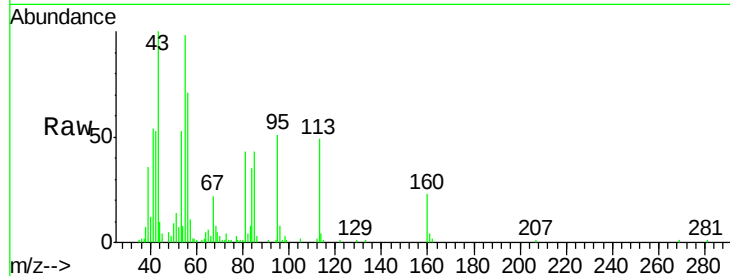
#35
Caprolactam
Concen: 24.06 ng
RT: 8.59 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion:113 Resp: 99022
Ion Ratio Lower Upper
113 100
55 197.7 116.9 156.9#
56 144.3 93.8 133.8#

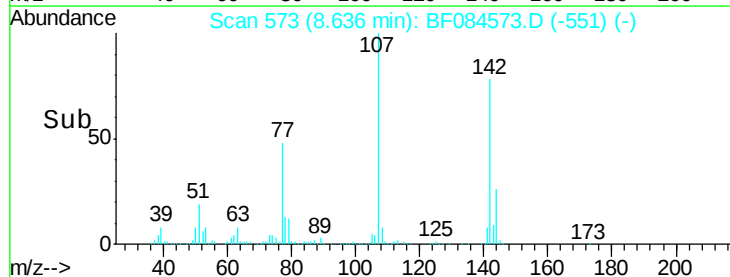
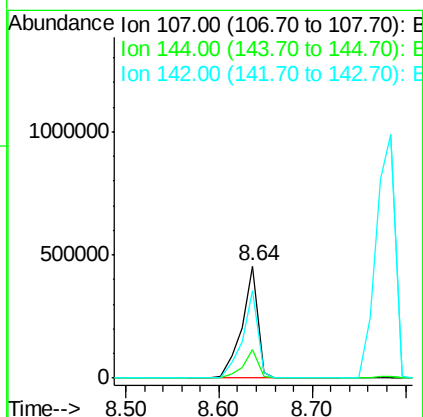
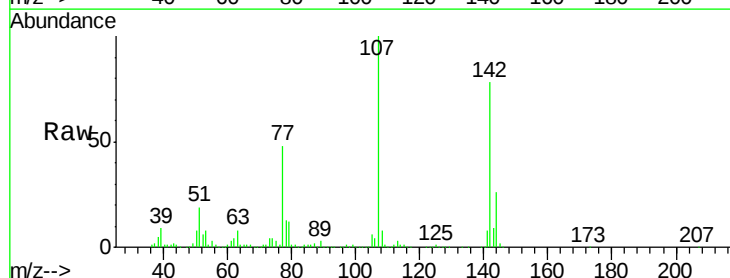
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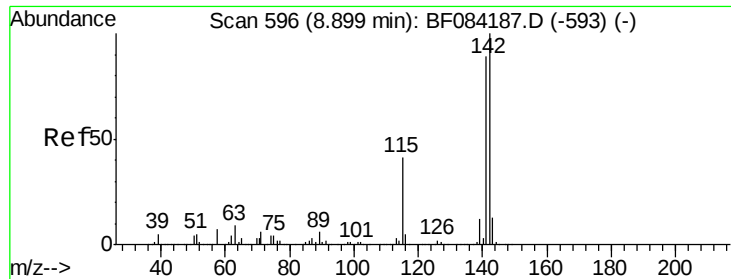
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#36
4-Chloro-3-methylphenol
Concen: 39.31 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion:107 Resp: 537702
Ion Ratio Lower Upper
107 100
144 25.8 19.7 29.5
142 78.3 61.8 92.6





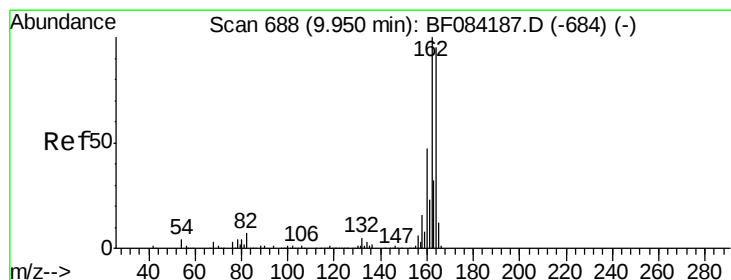
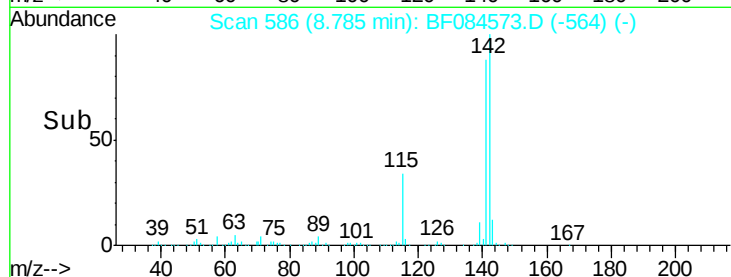
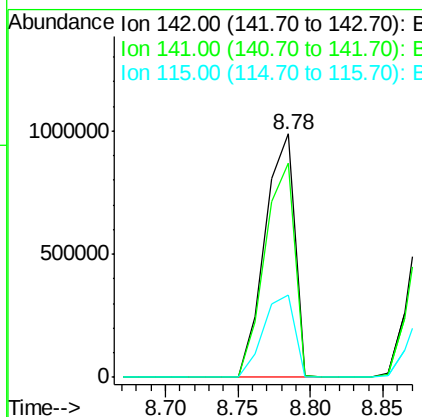
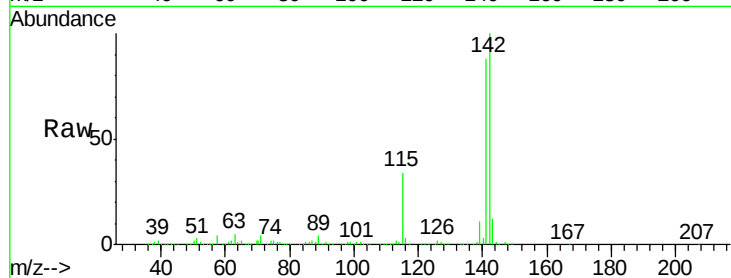
#37
2-Methylnaphthalene
Concen: 49.53 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.4	108.6
115	33.7	27.9	41.9

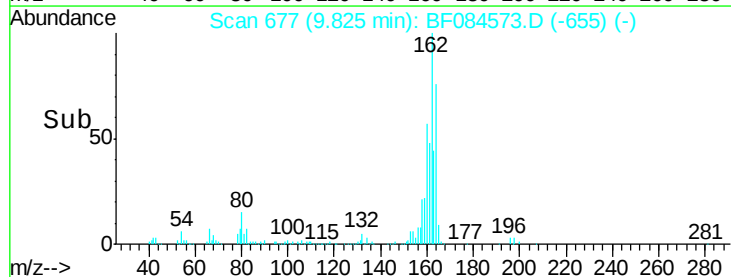
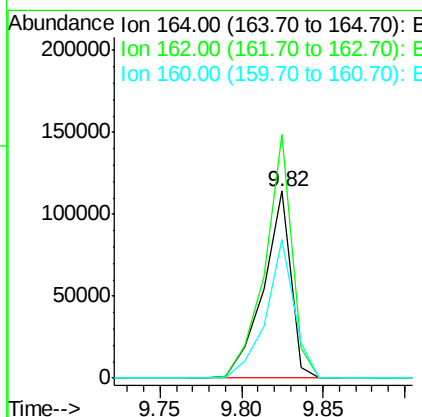
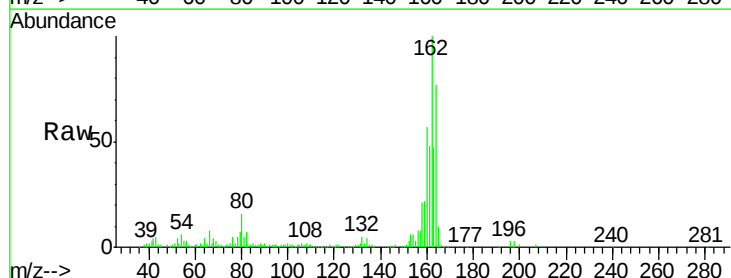
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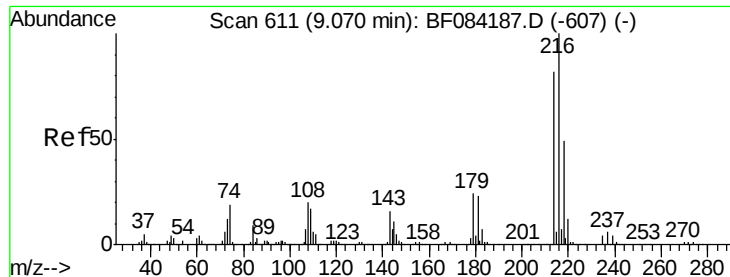
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	130.4	85.1	127.7#
160	74.6	37.5	56.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 146.70 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

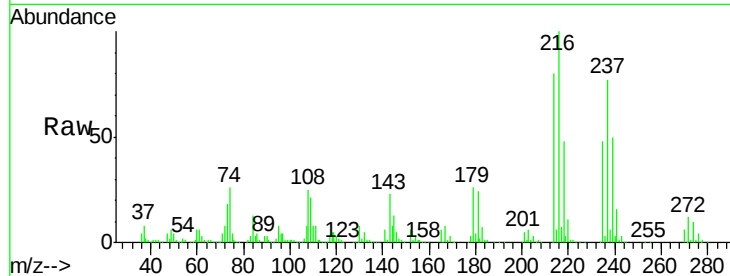
ClientSampleId :

SULFURCAKEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		562013		
214	78.8	64.2	96.2		
179	23.1	18.7	28.1		
108	23.3	16.8	25.2		

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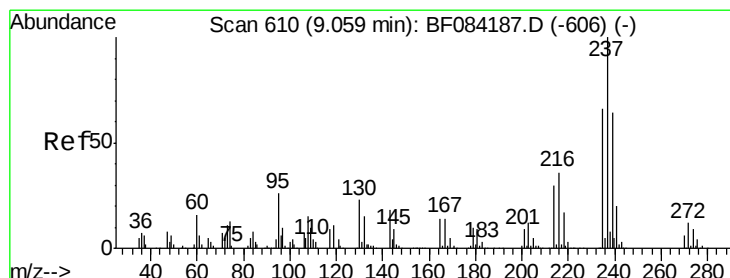
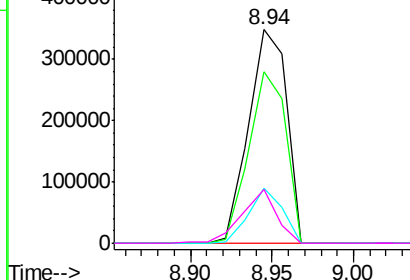
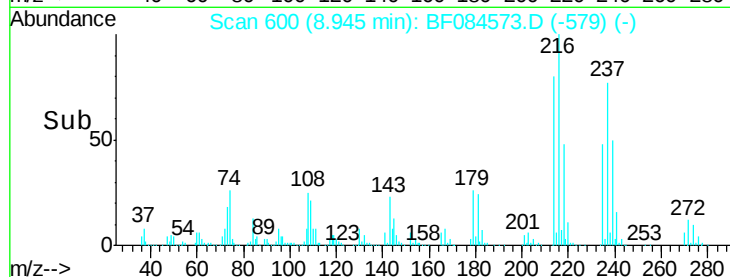


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 258.90 ng

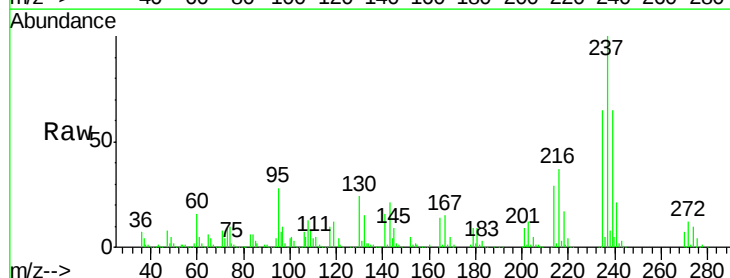
RT: 8.93 min Scan# 599

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

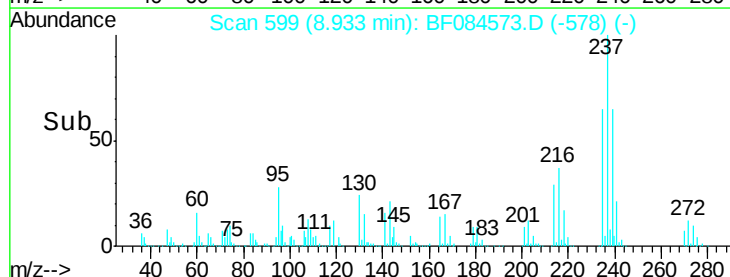
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		598763		
235	65.1	43.1	83.1		
272	12.2	0.0	35.1		



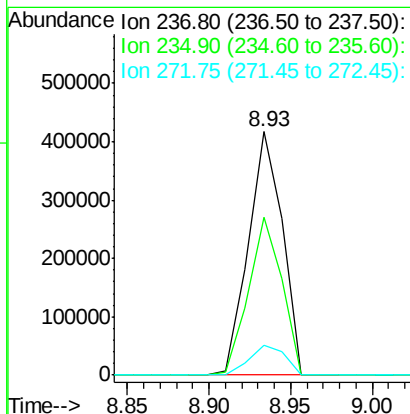
Abundance Ion 236.80 (236.50 to 237.50): E

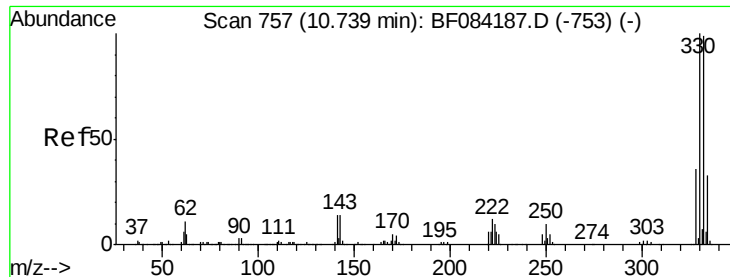
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





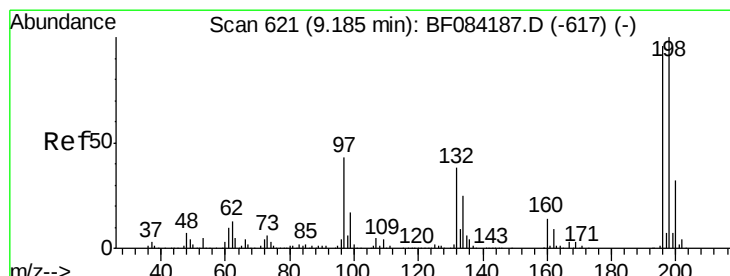
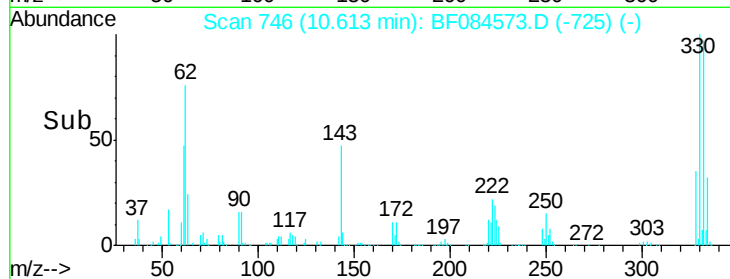
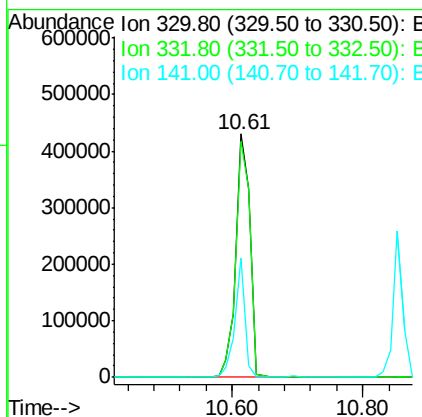
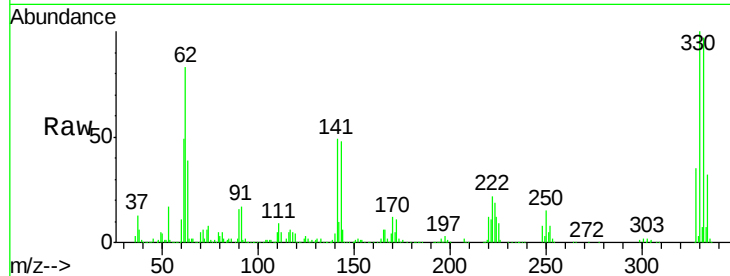
#41
 2,4,6-Tribromophenol
 Concen: 469.81 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.06 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	632081		
332	98.4		76.6	114.8
141	35.1		27.8	41.6

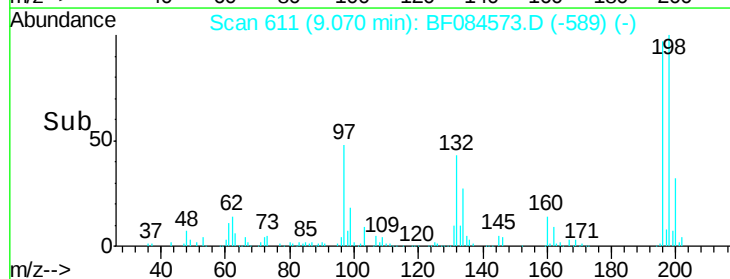
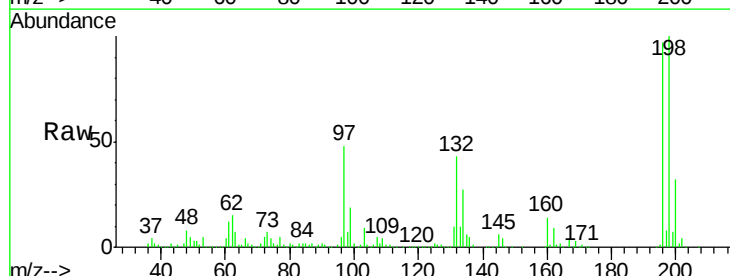
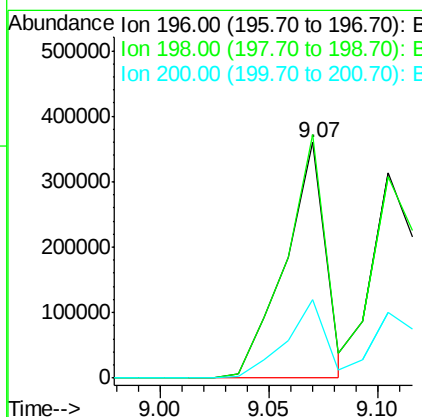
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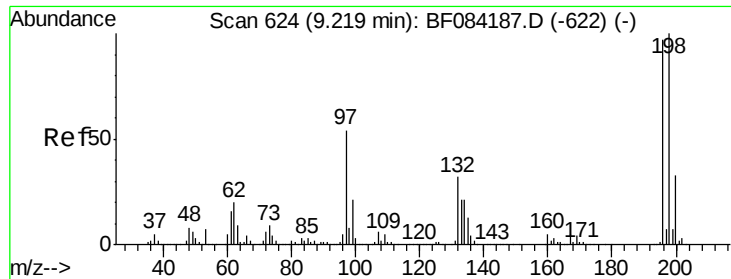
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#42
 2,4,6-Trichlorophenol
 Concen: 162.65 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	466184		
198	103.2		77.7	116.5
200	33.5		24.6	37.0





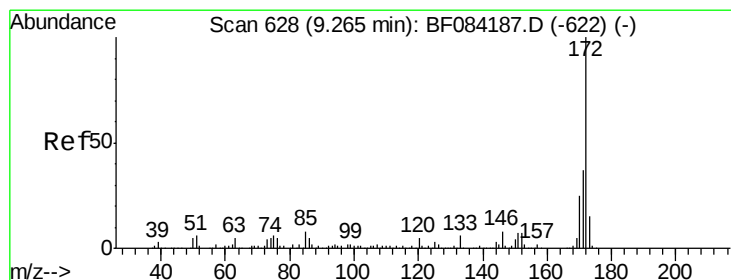
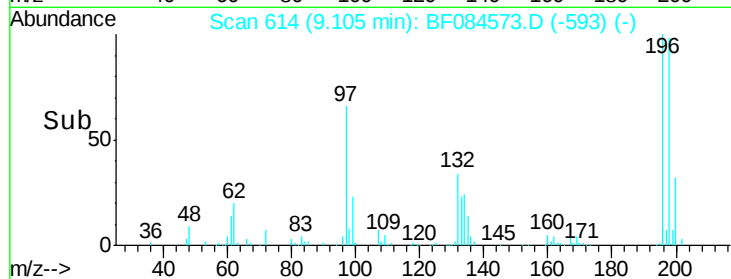
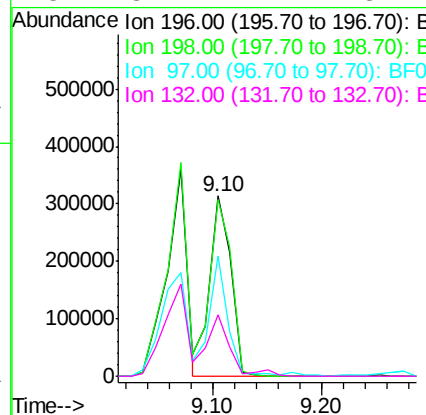
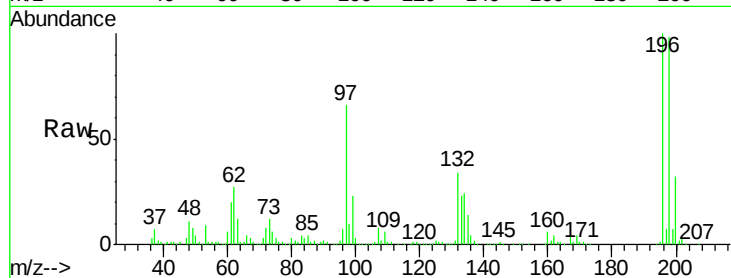
#43
 2,4,5-Trichlorophenol
 Concen: 157.07 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.06 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	431595		
198	97.9	79.0	118.6	
97	66.4	33.0	49.6	
132	34.4	21.1	31.7	

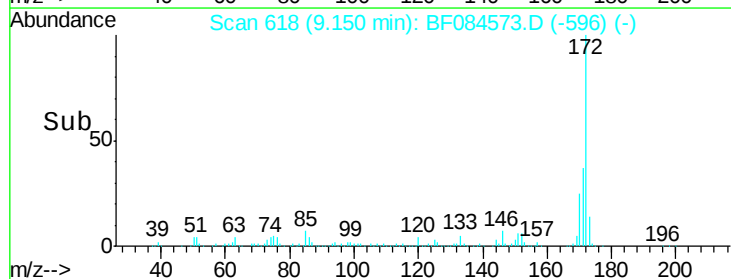
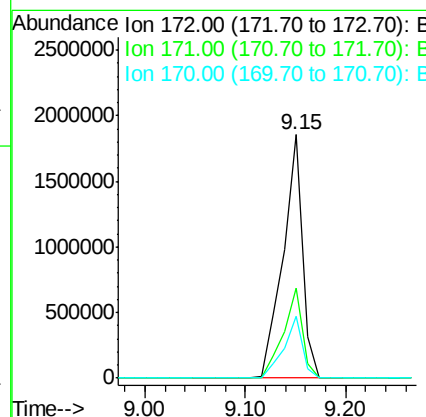
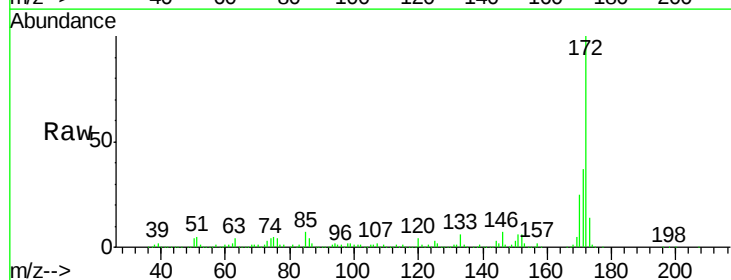
Manual Integrations
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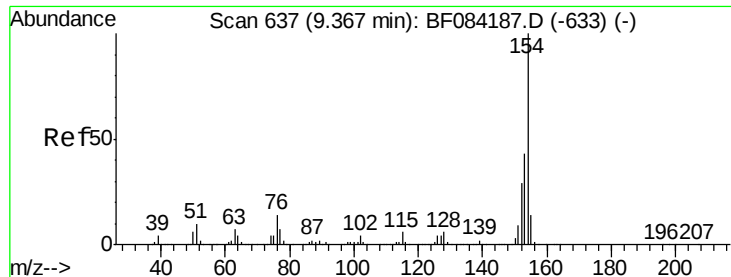
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#44
 2-Fluorobiphenyl
 Concen: 350.00 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2501913		
171	36.9	28.9	43.3	
170	25.3	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 168.09 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

Tot Ion:154 Resp: 1780243

Ion Ratio Lower Upper

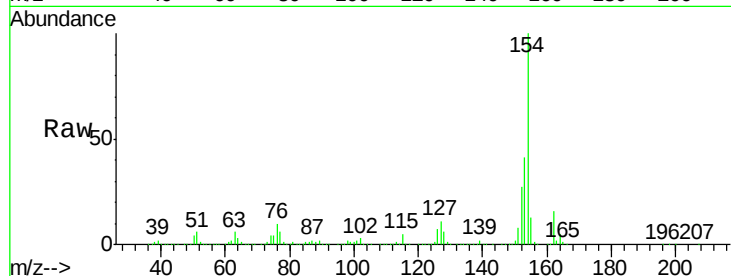
154 100

153 41.0 21.6 61.6

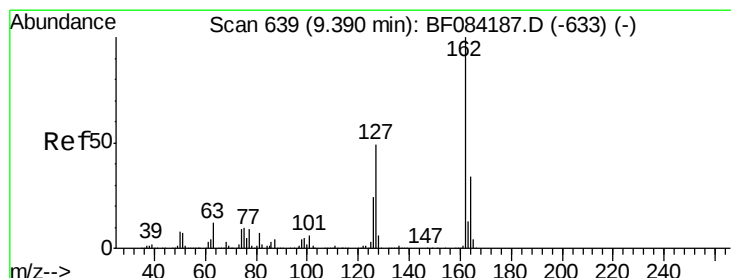
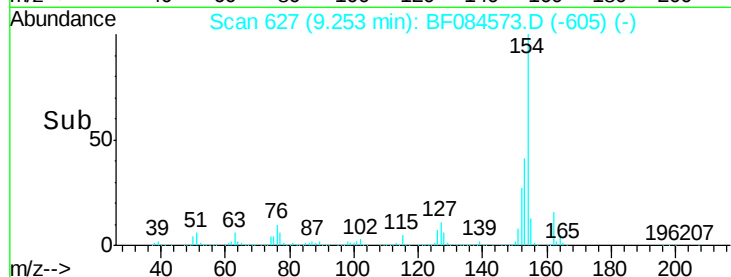
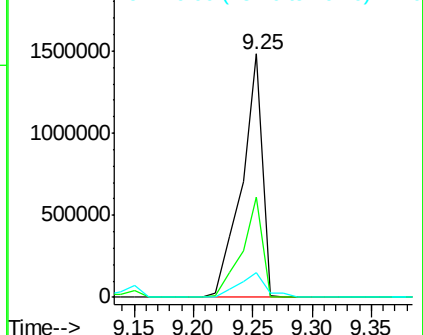
76 10.1 0.0 32.7

Manual Integrations
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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: 158.55 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

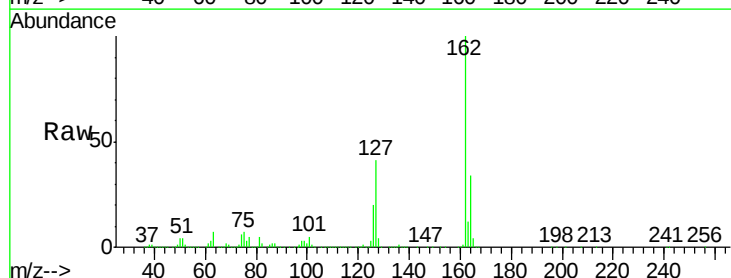
Tgt Ion:162 Resp: 1319003

Ion Ratio Lower Upper

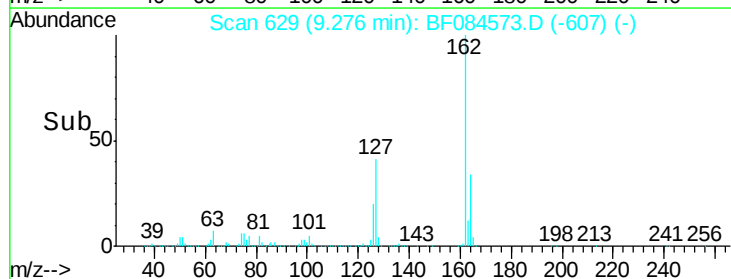
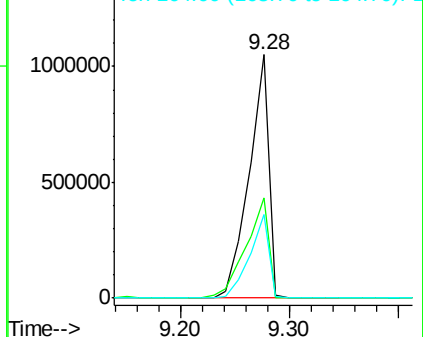
162 100

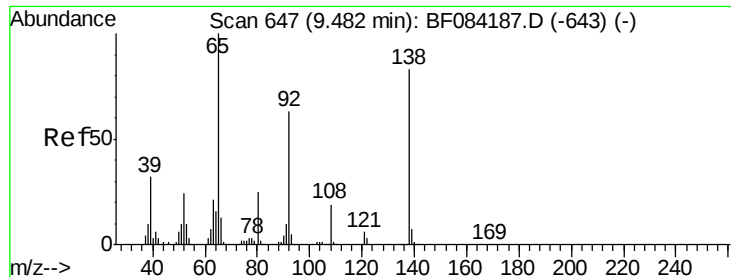
127 41.4 40.2 60.4

164 34.1 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





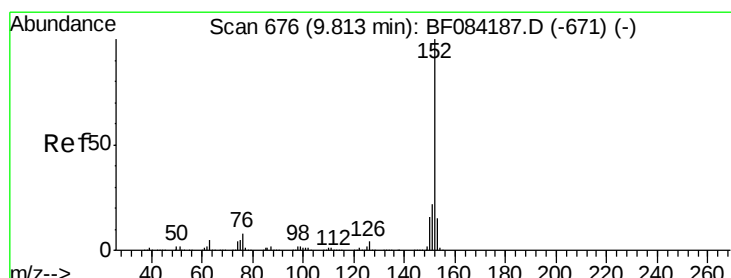
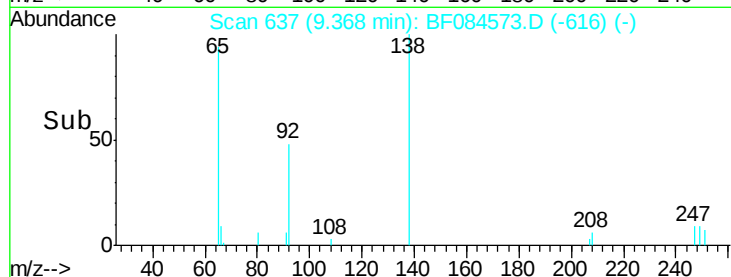
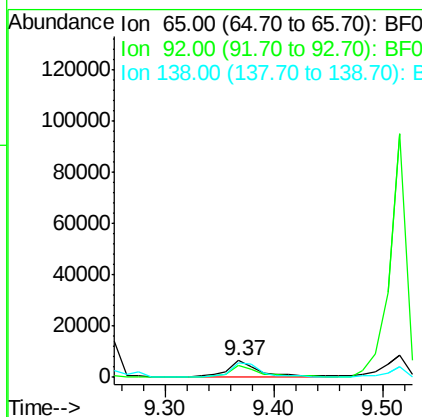
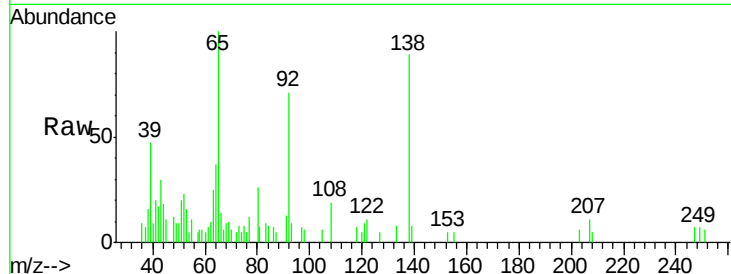
#47
2-Nitroaniline
Concen: 5.20 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.2	53.4	80.2
138	89.1	71.1	106.7

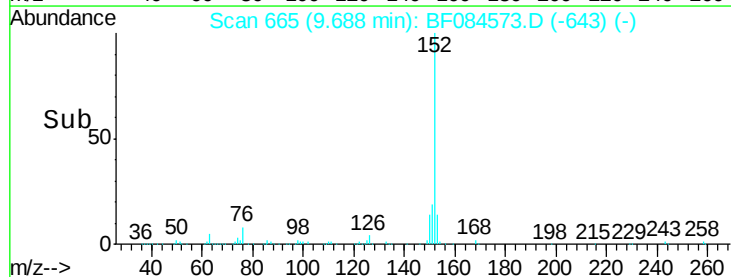
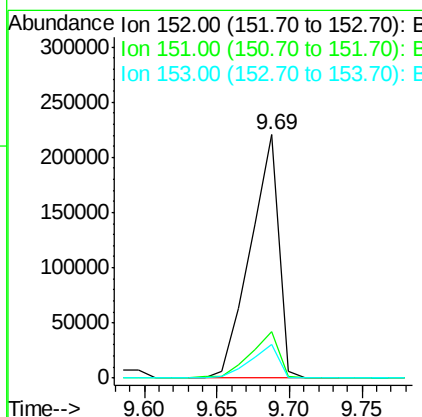
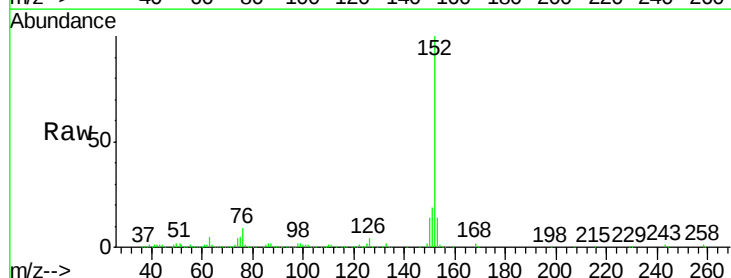
Manual Integrations
APPROVED

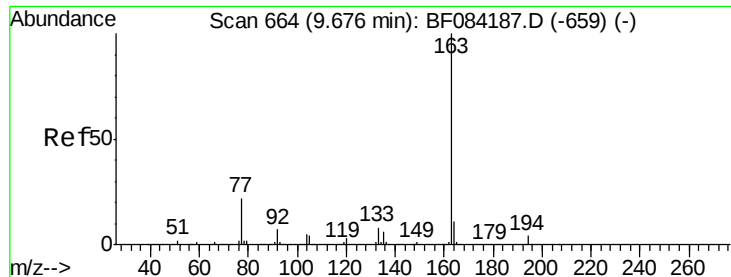
mohammad
1/21/2016 12:19:59 PM



#48
Acenaphthylene
Concen: 24.39 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	13.6	10.4	15.6





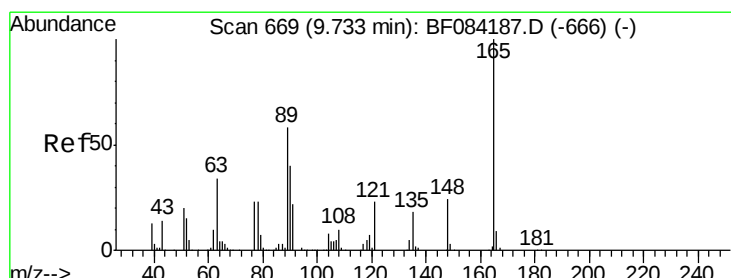
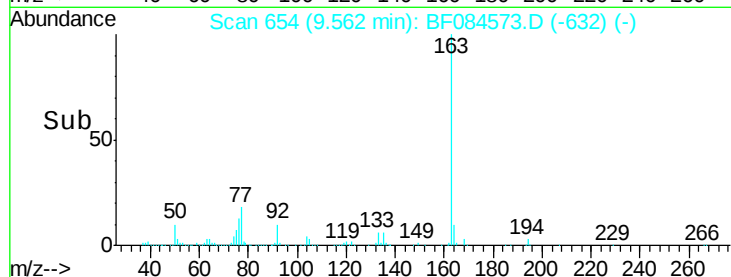
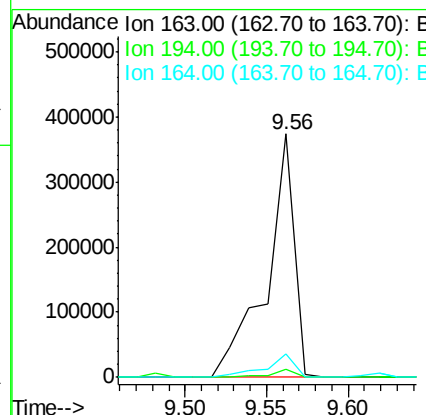
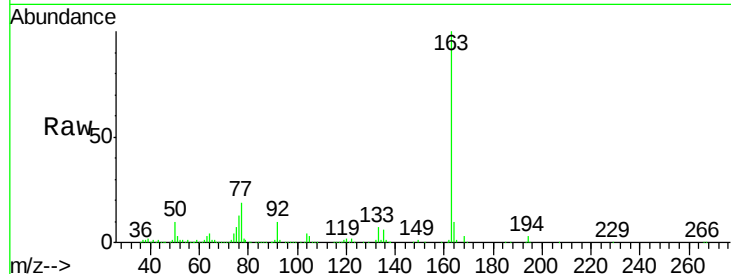
#49
Dimethylphthalate
Concen: 46.53 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	9.7	8.0	12.0

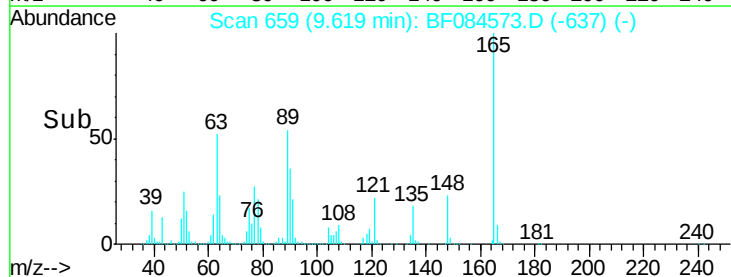
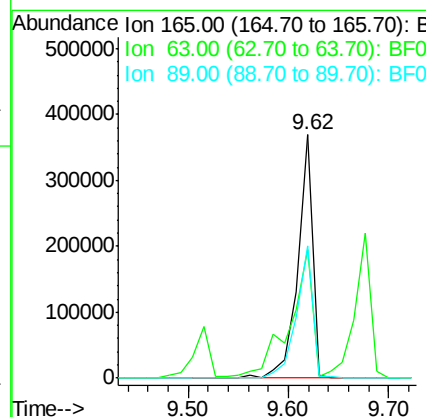
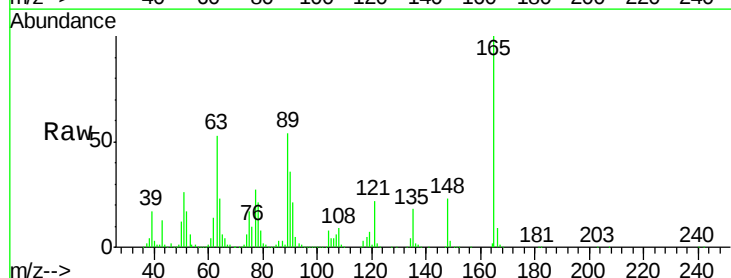
Manual Integrations
APPROVED

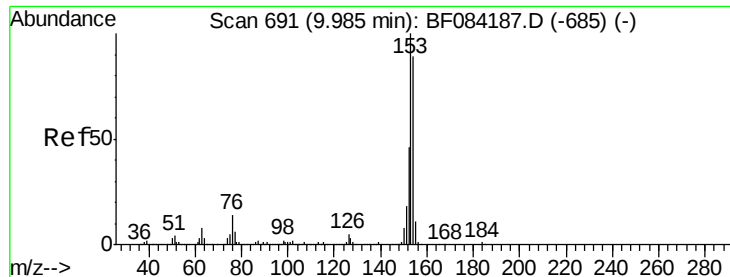
mohammad
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#50
2,6-Dinitrotoluene
Concen: 181.97 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	53.0	28.8	43.2#
89	54.2	35.1	52.7#





#51

Acenaphthene

Concen: 71.33 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

ClientSampleId :

SULFURCAKEMS

Tot Ion:154 Resp: 588078

Ion Ratio Lower Upper

154 100

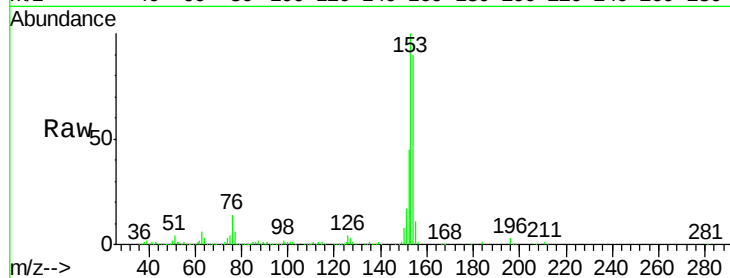
153 110.9 91.5 137.3

152 49.8 43.0 64.6

Manual Integrations
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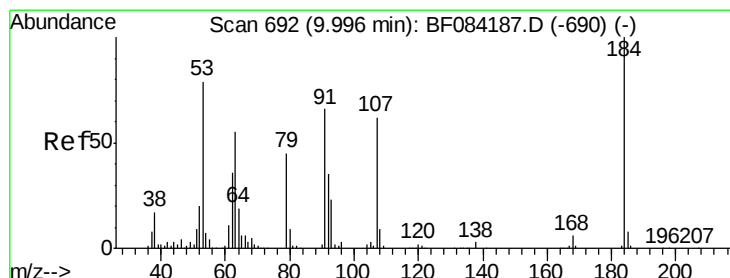
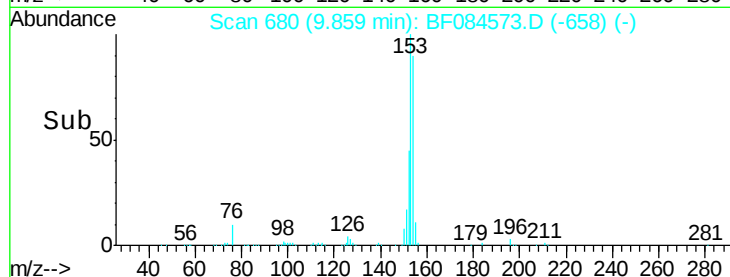
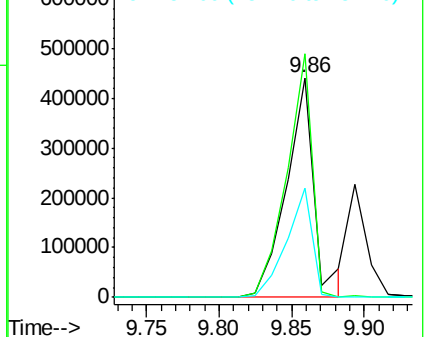
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 417.66 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

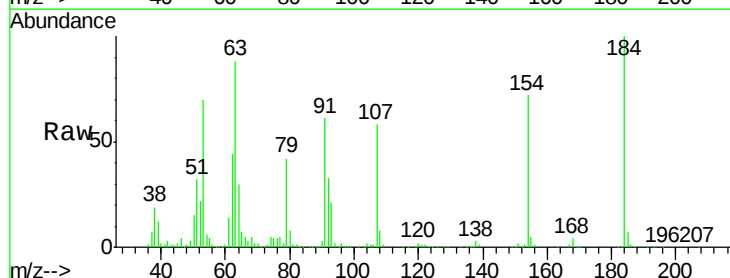
Tgt Ion:184 Resp: 385744

Ion Ratio Lower Upper

184 100

63 87.8 43.1 64.7#

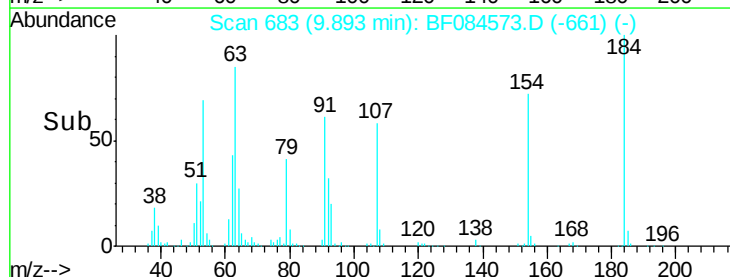
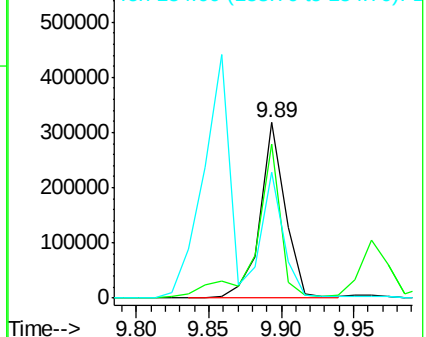
154 71.7 60.5 90.7

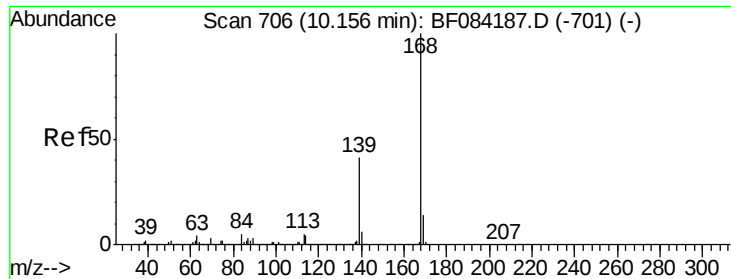


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





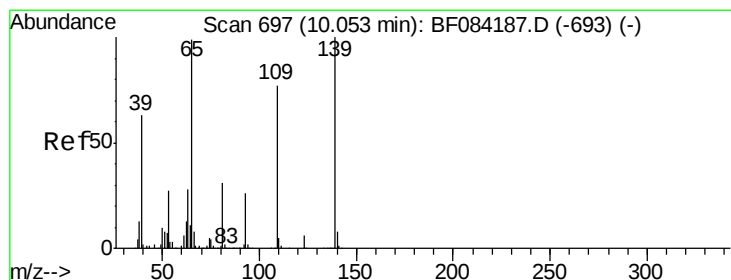
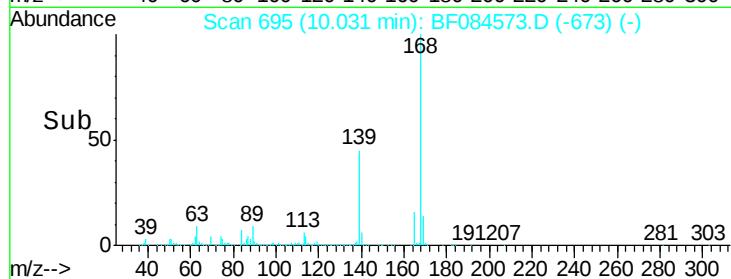
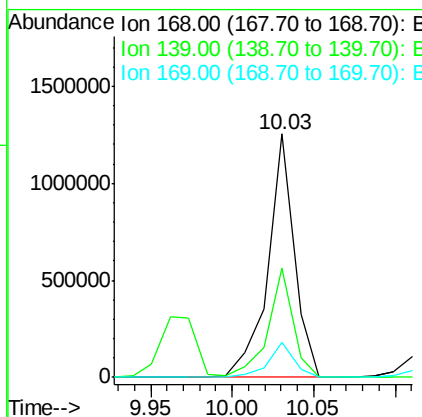
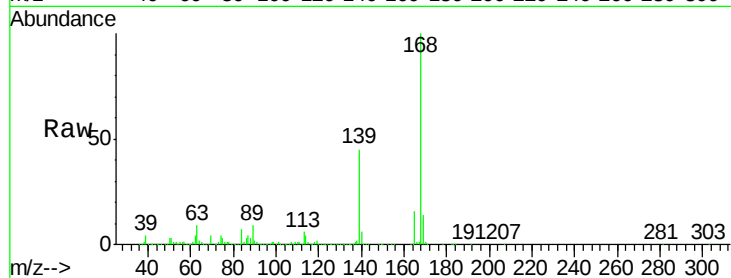
#54
Dibenzofuran
Concen: 139.43 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.6	30.5	45.7
169	14.4	10.4	15.6

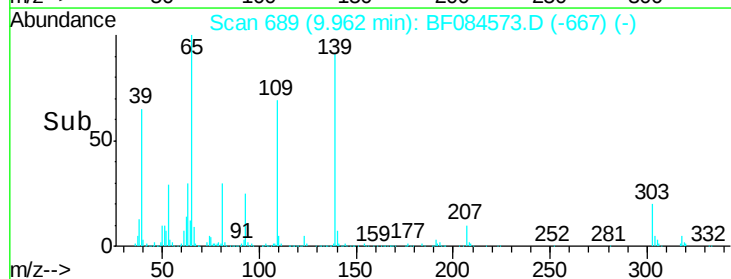
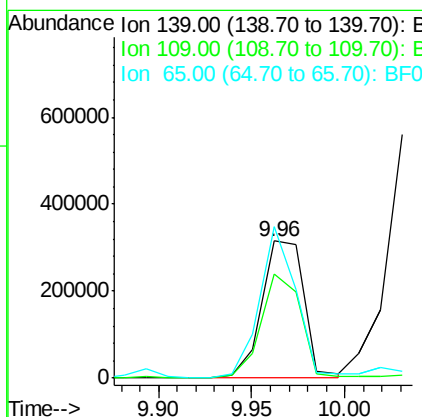
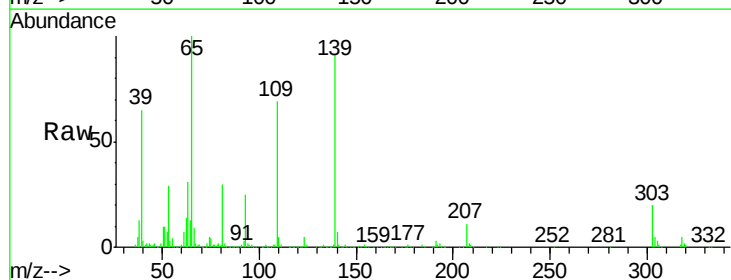
Manual Integrations
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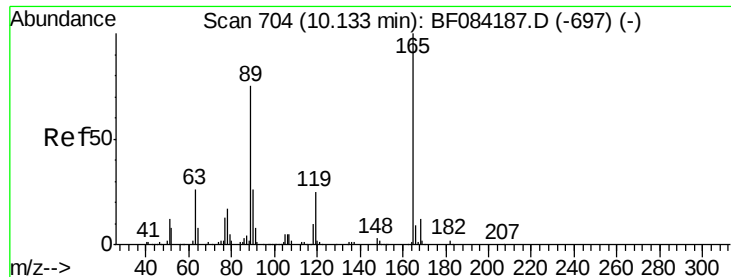
mohammad
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#55
4-Nitrophenol
Concen: 262.91 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.2	58.5	98.5
65	110.2	57.6	97.6#





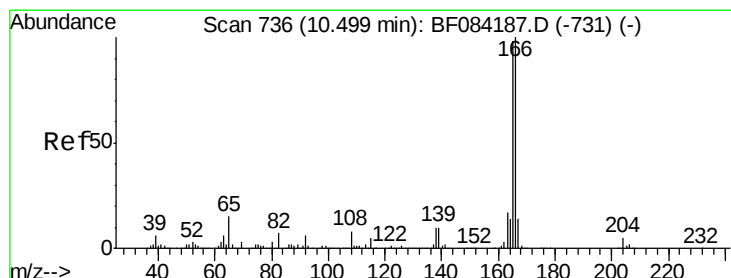
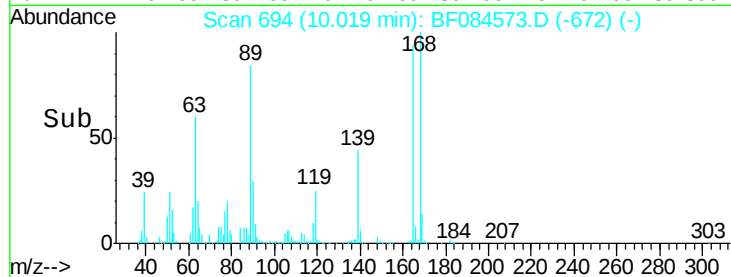
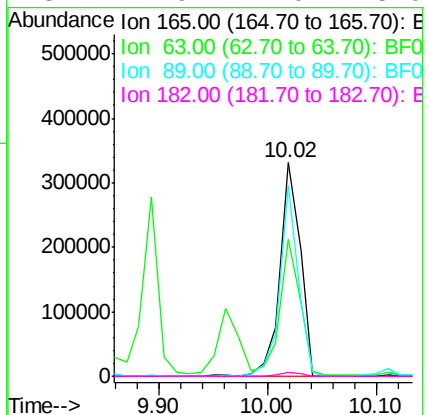
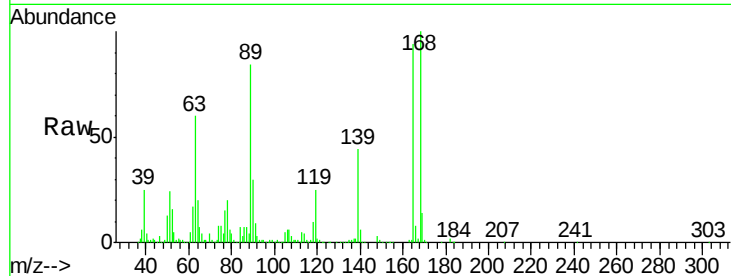
#56
2,4-Dinitrotoluene
Concen: 162.91 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		430838		
63	64.3	36.7	55.1#		
89	89.2	61.9	92.9		
182	1.9	2.0	3.0#		

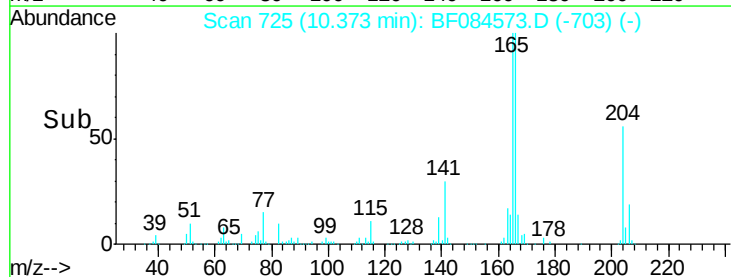
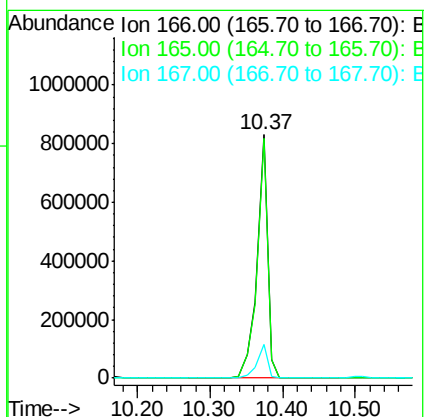
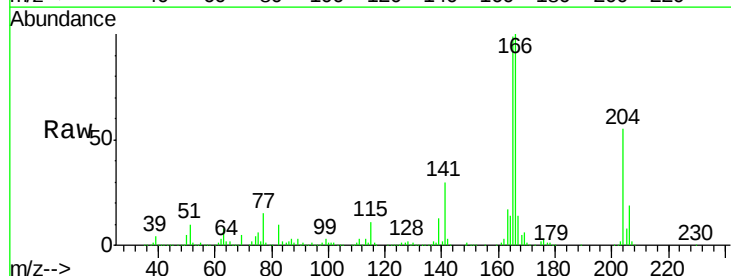
Manual Integrations
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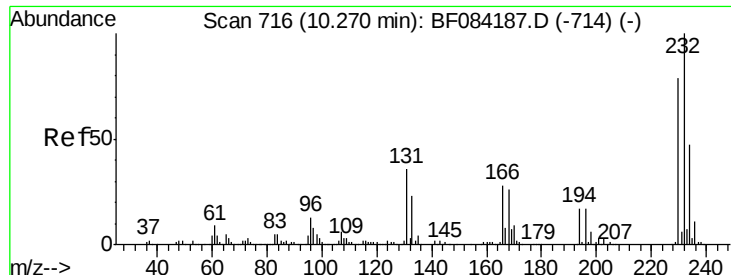
mohammad
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#57
Fluorene
Concen: 106.71 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		854157		
165	98.6	79.1	118.7		
167	13.9	10.4	15.6		





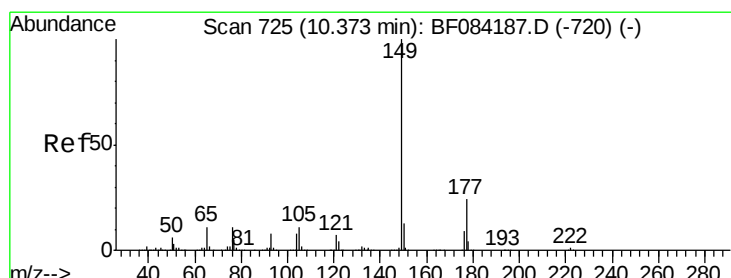
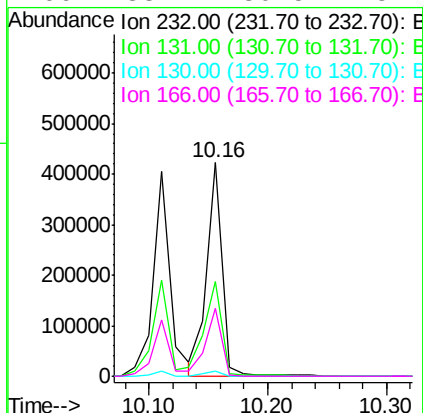
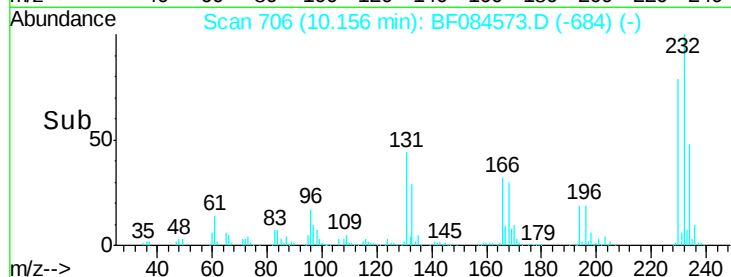
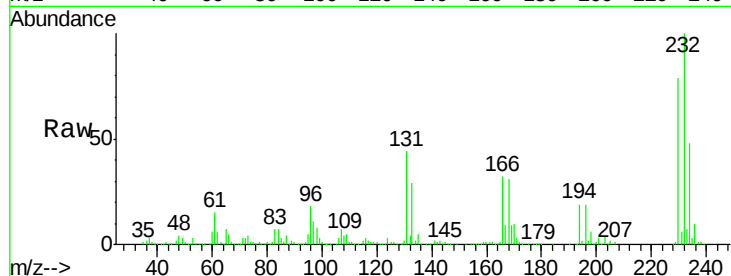
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 163.22 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	382904		
131	49.6		47.0	70.6
130	2.7		2.0	3.0
166	33.4		30.5	45.7

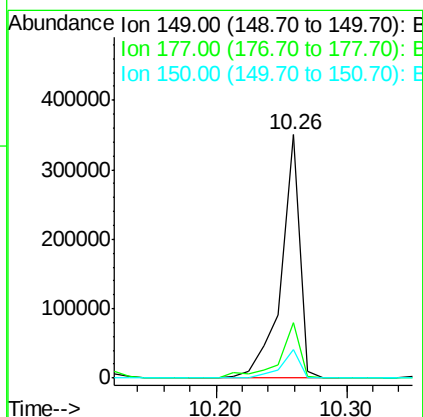
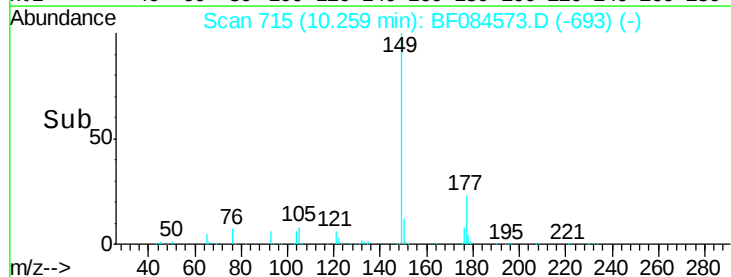
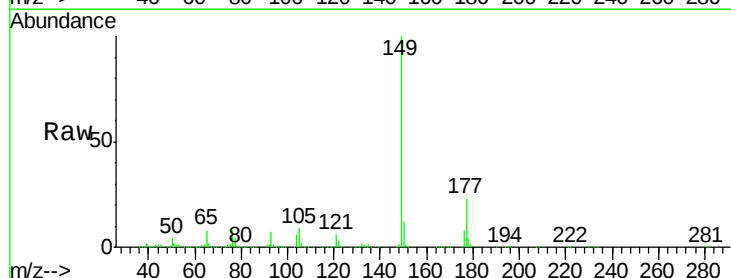
Manual Integrations
 APPROVED

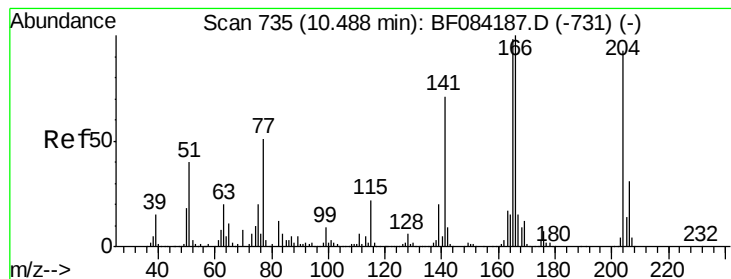
mohammad
 1/21/2016 12:19:59 PM



#59
 Diethylphthalate
 Concen: 37.39 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	351182		
177	22.6		17.3	25.9
150	11.7		9.8	14.8





#60

4-Chlorophenyl-phenylether

Concen: 190.05 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

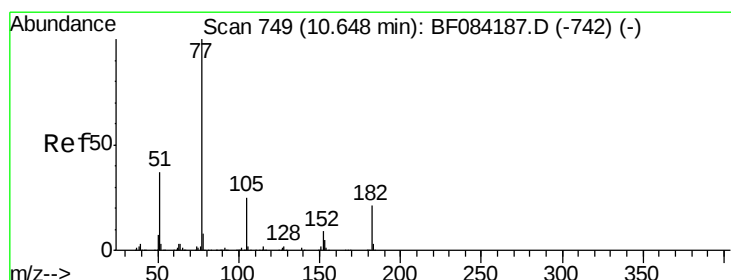
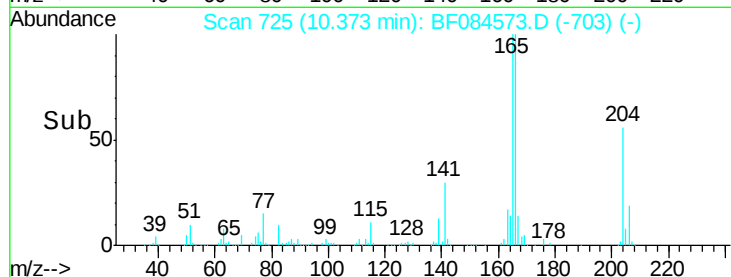
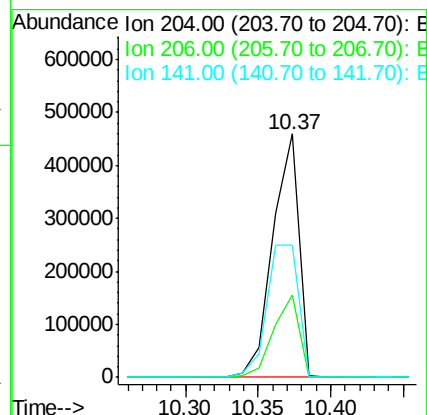
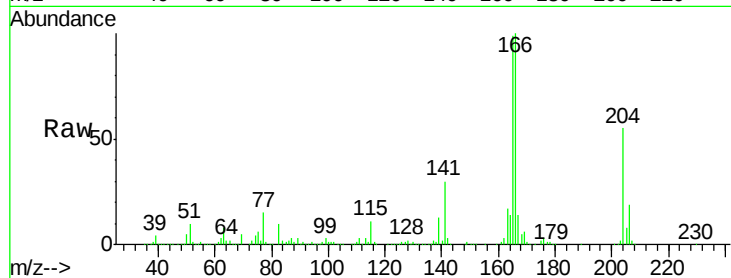
ClientSampleId :

SULFURCAKEMS

Tot Ion:	204	Resp:	573254
Ion Ratio	Lower	Upper	
204	100		
206	34.0	25.7	38.5
141	54.4	55.1	82.7#

Manual Integrations
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#62

Azobenzene

Concen: 4.27 ng

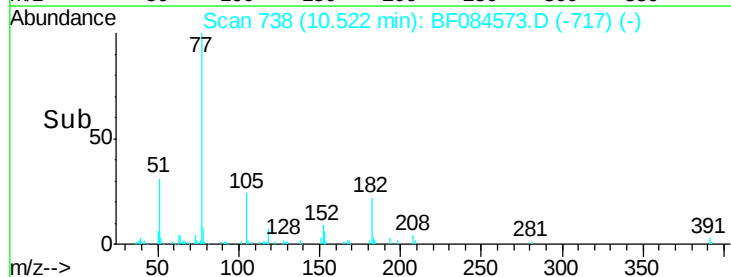
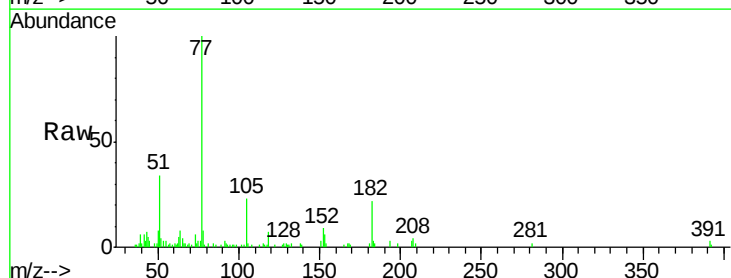
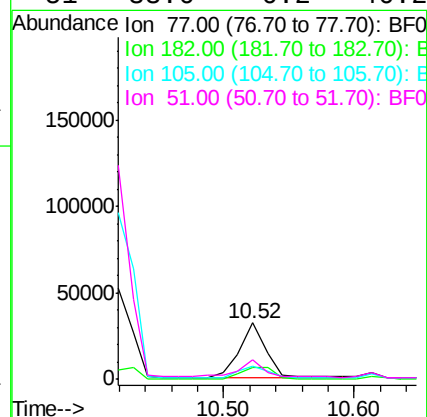
RT: 10.52 min Scan# 738

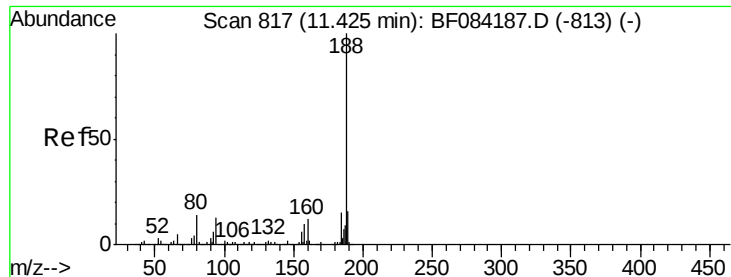
Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:	77	Resp:	43987
Ion Ratio	Lower	Upper	
77	100		
182	21.8	8.3	48.3
105	23.2	4.6	44.6
51	33.6	6.2	46.2





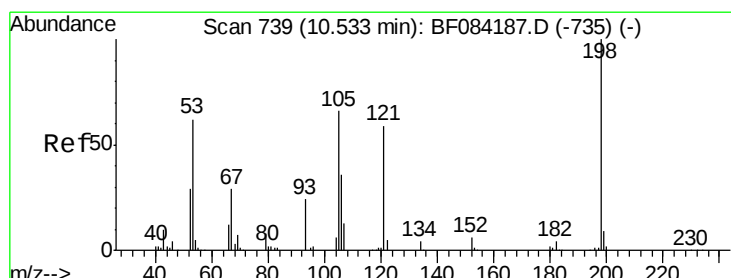
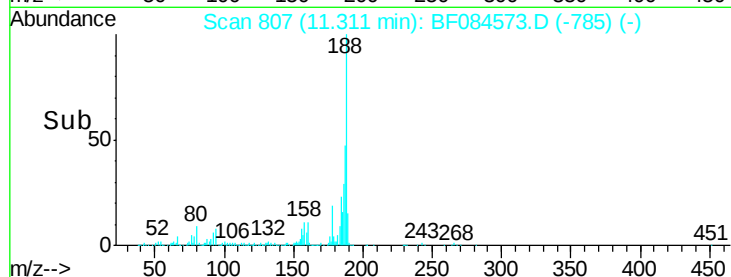
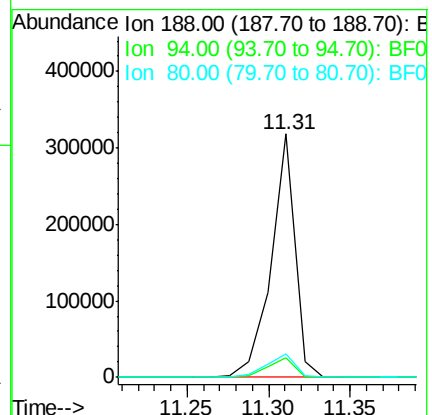
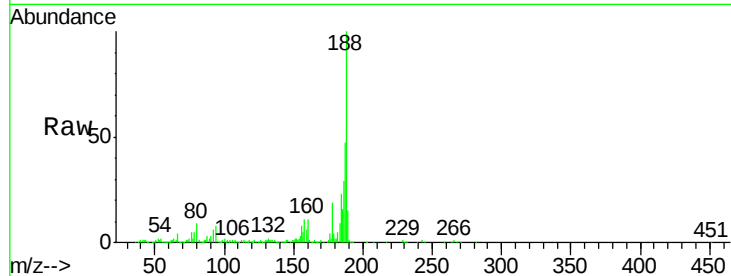
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	9.5	9.6	14.4#

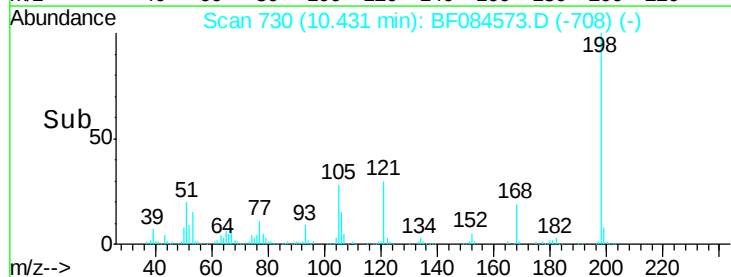
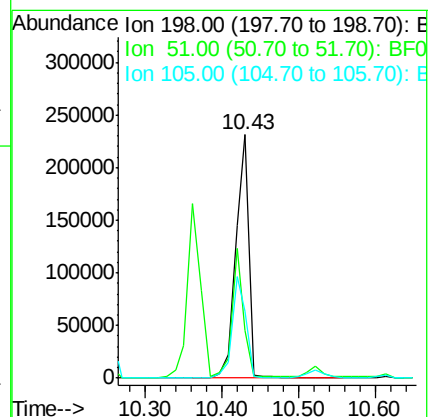
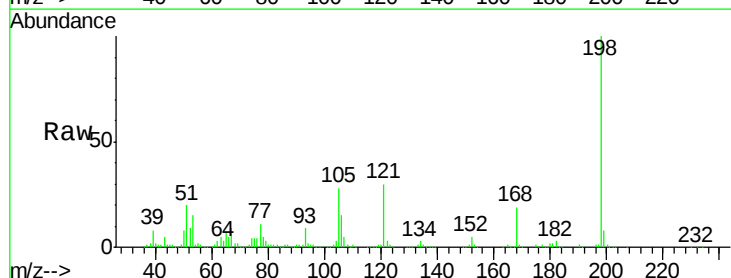
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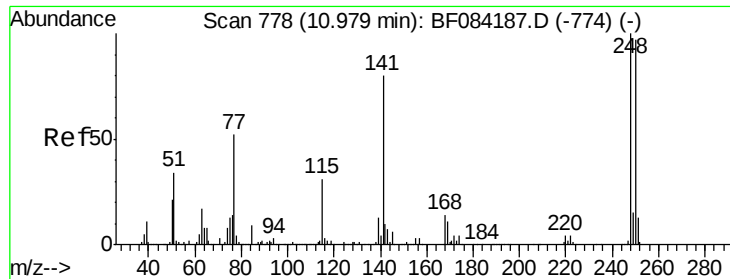
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 10.43 min Scan# 730
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	19.9	18.9	58.9
105	27.7	26.4	66.4





#66

4-Bromophenyl-phenylether

Concen: 98.94 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

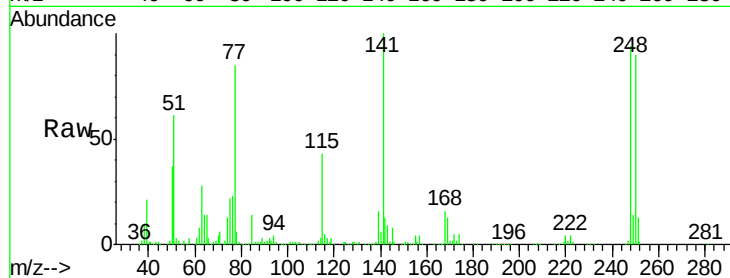
ClientSampleId :

SULFURCAKEMS

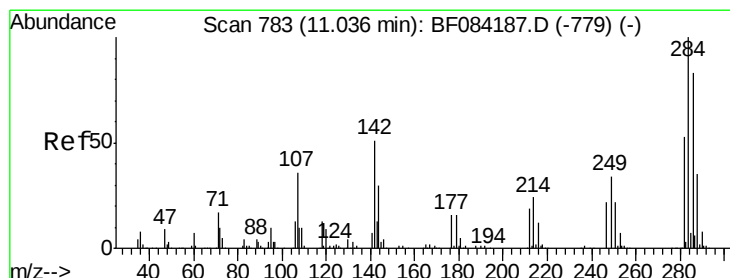
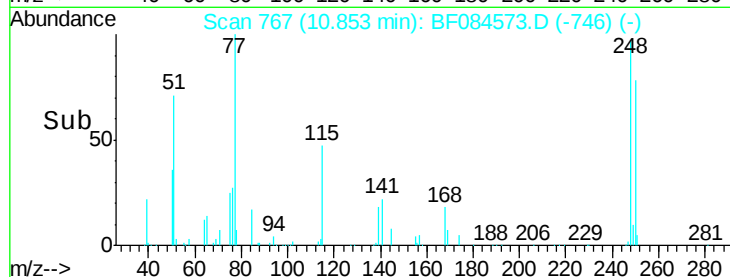
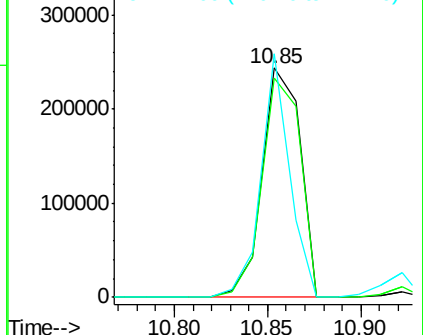
Tot Ion:	248	Resp:	344800
Ion Ratio	Lower	Upper	
248	100		
250	95.5	78.4	117.6
141	106.2	44.0	66.0#

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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: 116.63 ng

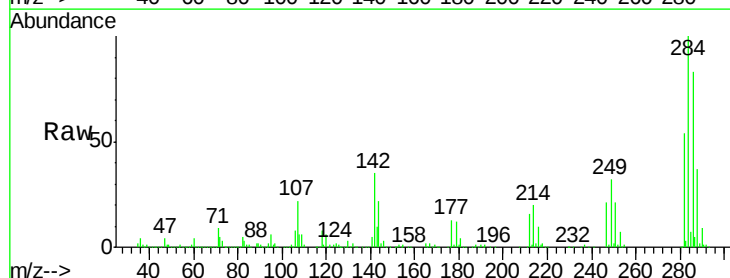
RT: 10.92 min Scan# 773

Delta R.T. -0.05 min

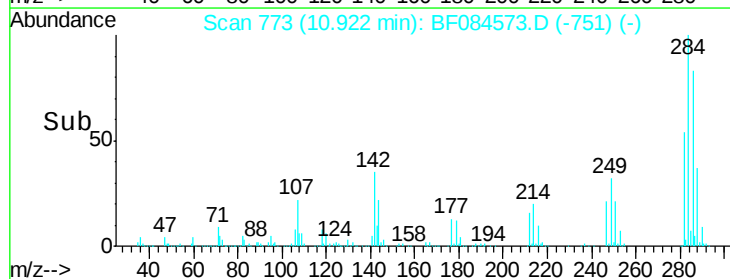
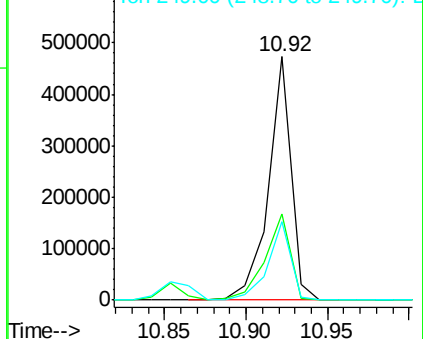
Lab File: BF084573.D

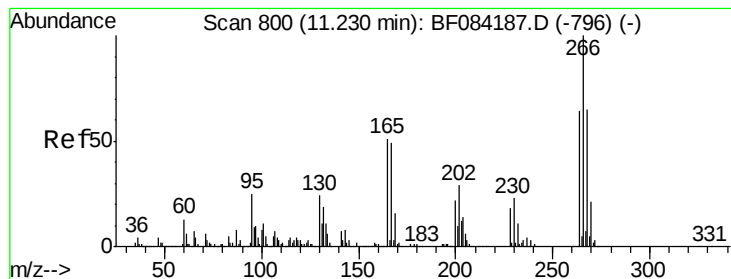
Acq: 20 Jan 2016 19:13

Tgt Ion:	284	Resp:	457484
Ion Ratio	Lower	Upper	
284	100		
142	35.2	22.2	33.4#
249	32.3	24.6	37.0



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





#69

Pentachlorophenol

Concen: 252.89 ng

RT: 11.12 min Scan# 790

Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

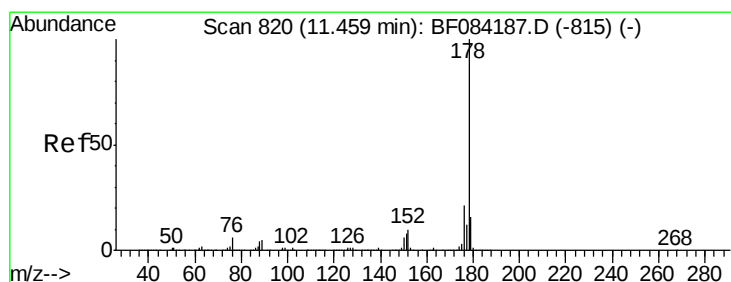
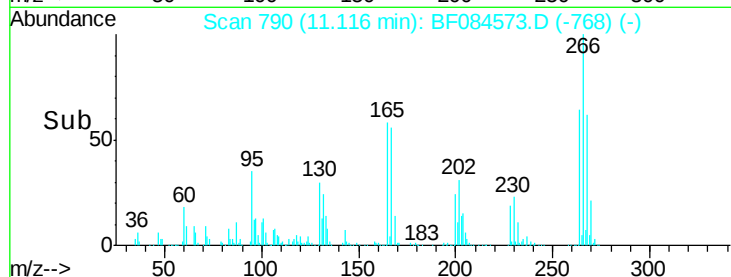
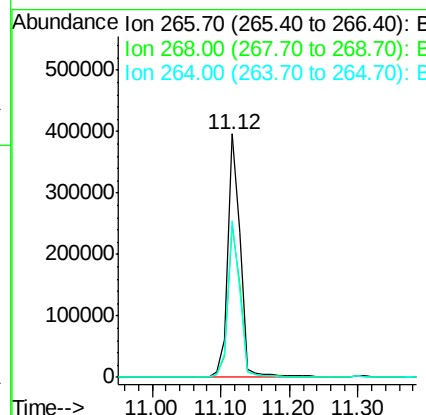
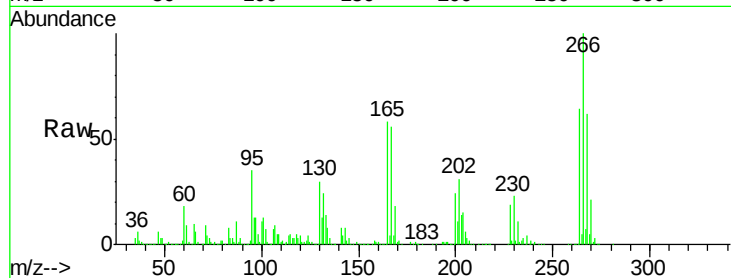
ClientSampleId :

SULFURCAKEMS

Tot Ion:	266	Resp:	514335
Ion Ratio	Lower	Upper	
266	100		
268	62.4	52.4	78.6
264	64.3	50.2	75.2

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#70

Phenanthrene

Concen: 81.42 ng

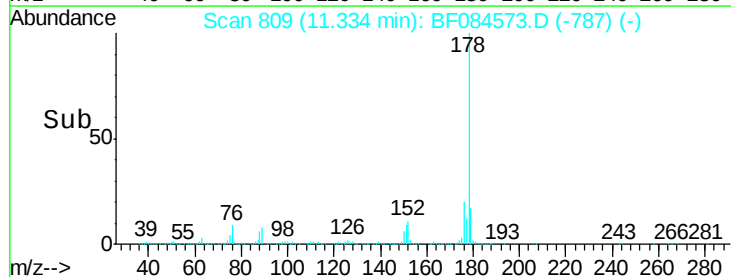
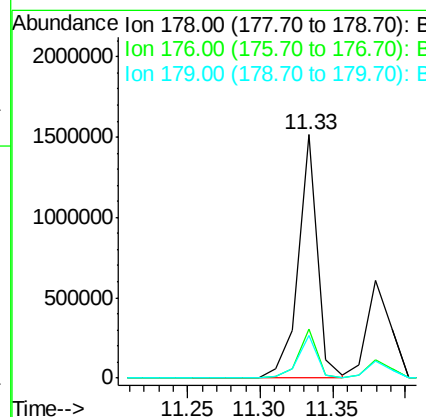
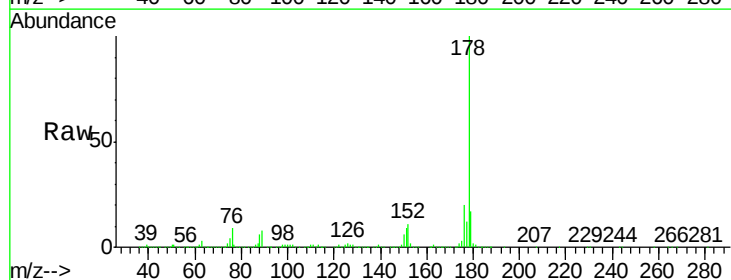
RT: 11.33 min Scan# 809

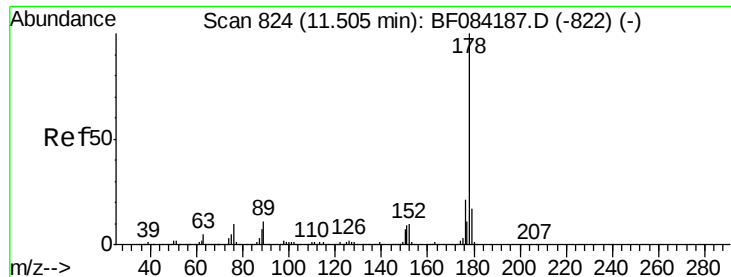
Delta R.T. -0.05 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:	178	Resp:	1378987
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.3	22.9
179	17.3	12.0	18.0





#71

Anthracene

Concen: 41.61 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

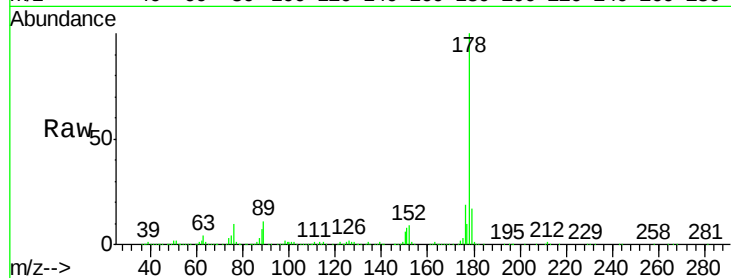
ClientSampleId :

SULFURCAKEMS

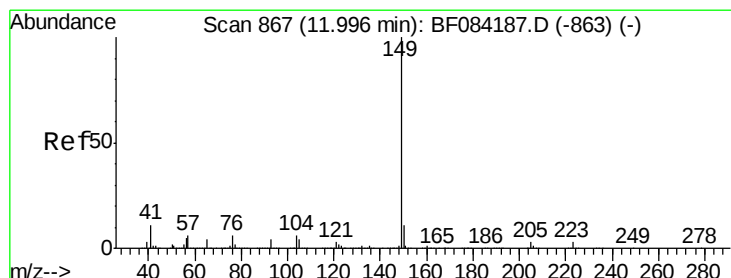
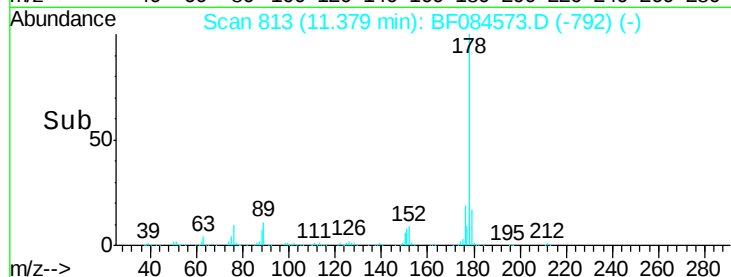
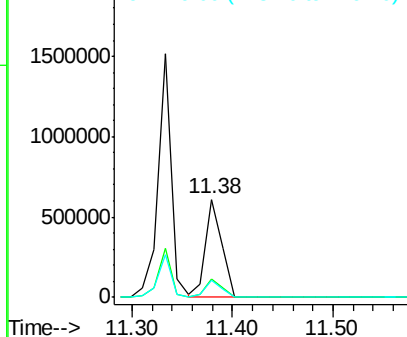
Tot Ion:178	Resp:	690751
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.4 23.0
179	17.2	12.5 18.7

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



#73

Di-n-butylphthalate

Concen: 14.86 ng

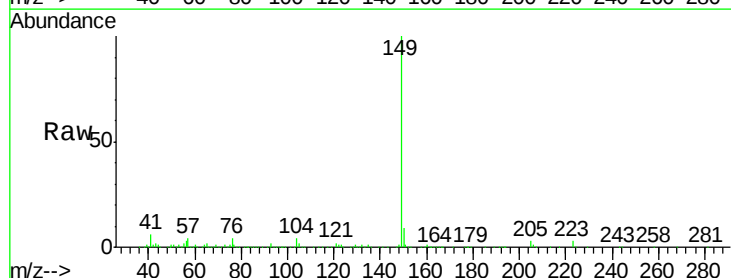
RT: 11.88 min Scan# 857

Delta R.T. -0.05 min

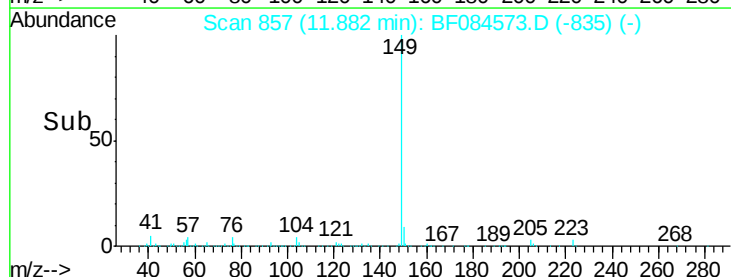
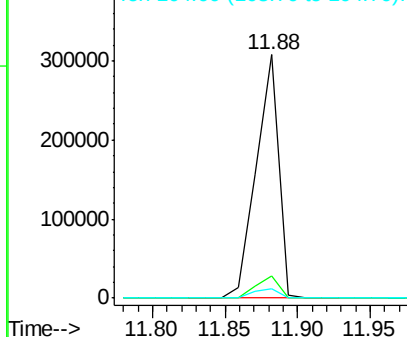
Lab File: BF084573.D

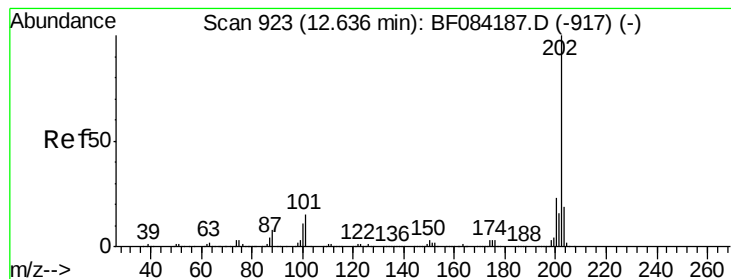
Acq: 20 Jan 2016 19:13

Tgt Ion:149	Resp:	329037
Ion Ratio	Lower	Upper
149	100	
150	8.9	7.1 10.7
104	4.0	3.2 4.8



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: 25.04 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

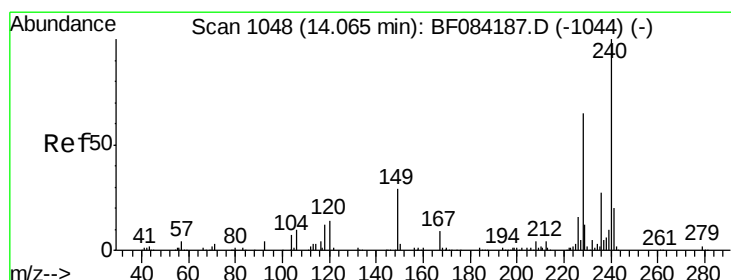
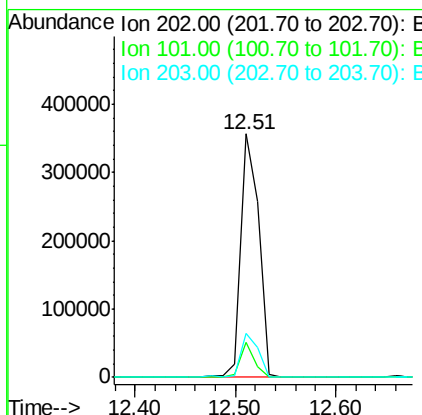
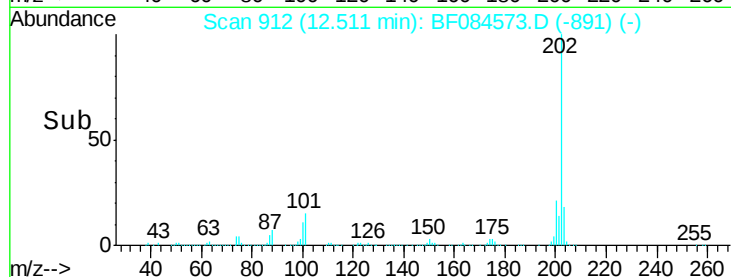
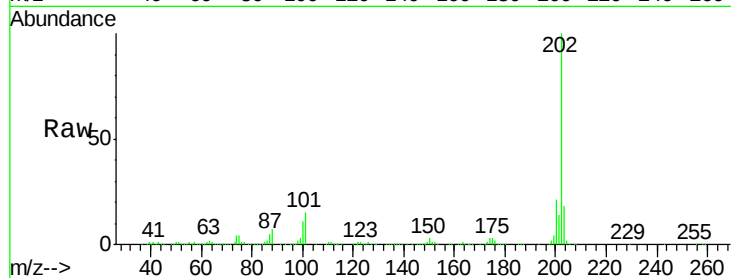
ClientSampleId :

SULFURCAKEMS

Tot Ion:	202	Resp:	442995
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	32.8
203	17.9	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng

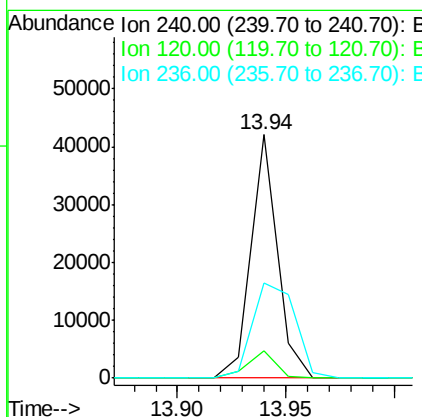
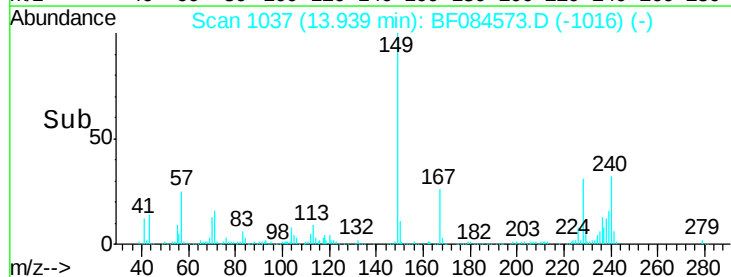
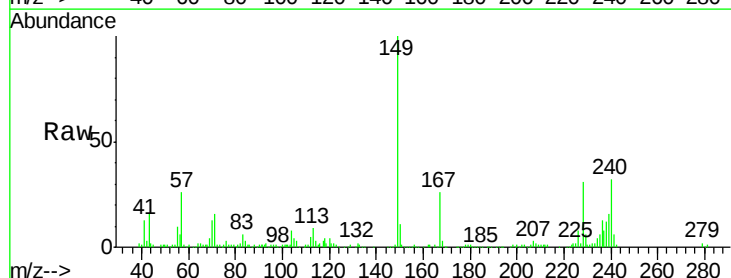
RT: 13.94 min Scan# 1037

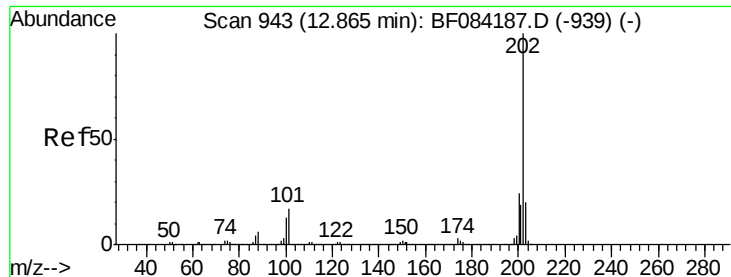
Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:	240	Resp:	35488
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	39.2	20.6	31.0#





#77

Pvrene

Concen: 102.96 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

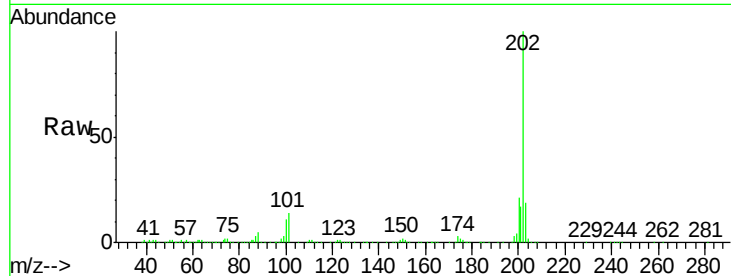
ClientSampleId :

SULFURCAKEMS

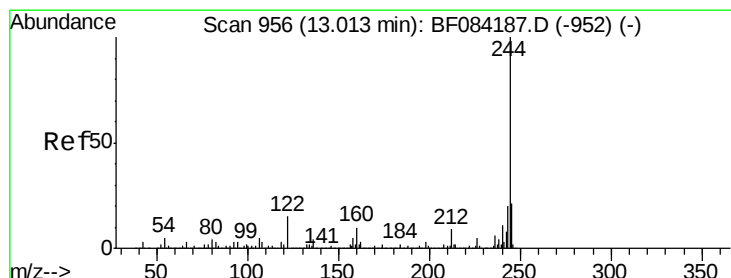
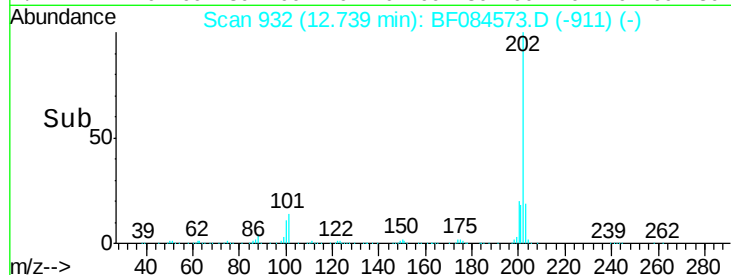
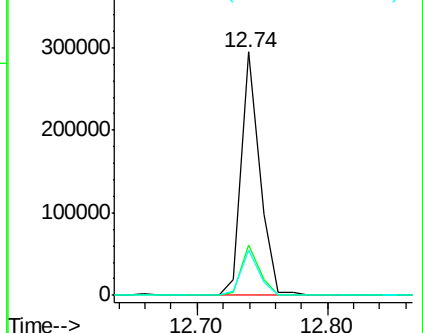
Tot Ion:	202	Resp:	286721
Ion Ratio		Lower	Upper
202	100		
200	20.6	17.2	25.8
203	18.8	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 510.13 ng

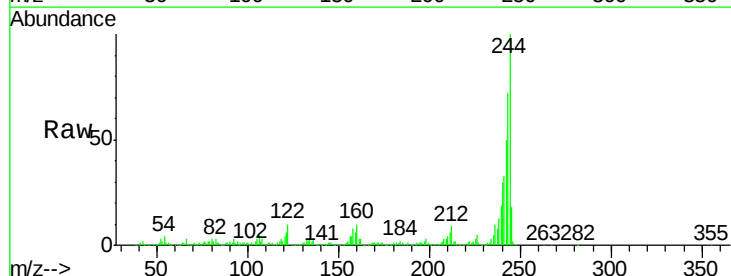
RT: 12.90 min Scan# 946

Delta R.T. -0.05 min

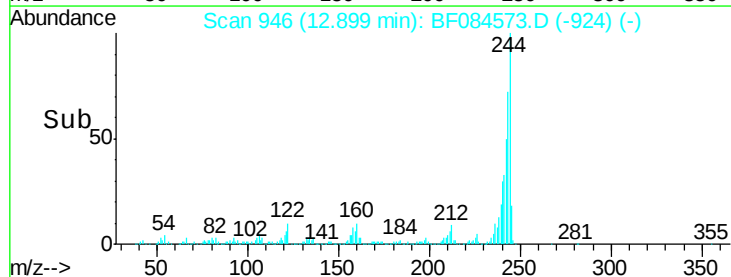
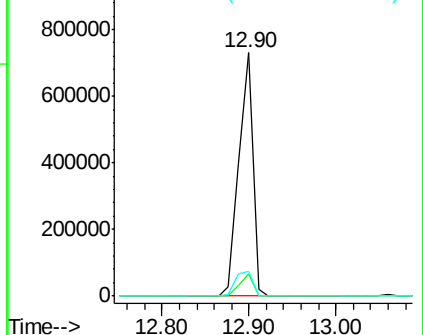
Lab File: BF084573.D

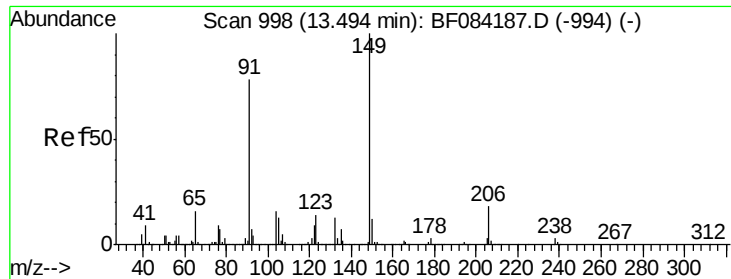
Acq: 20 Jan 2016 19:13

Tgt Ion:	244	Resp:	811030
Ion Ratio		Lower	Upper
244	100		
212	9.0	5.7	8.5#
122	10.0	7.4	11.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 6.54 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

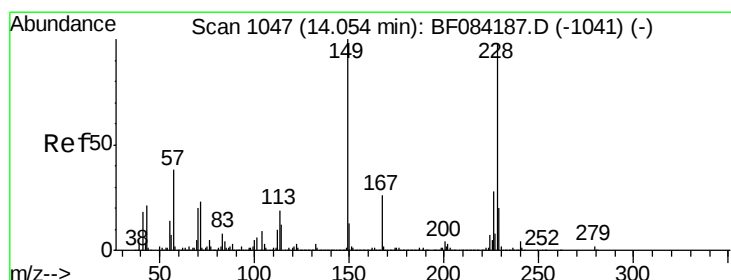
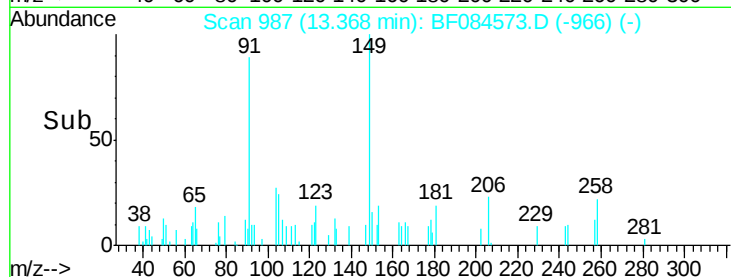
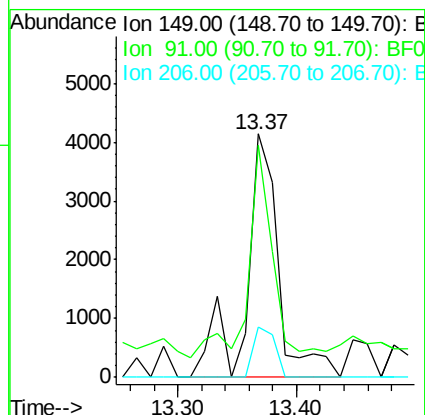
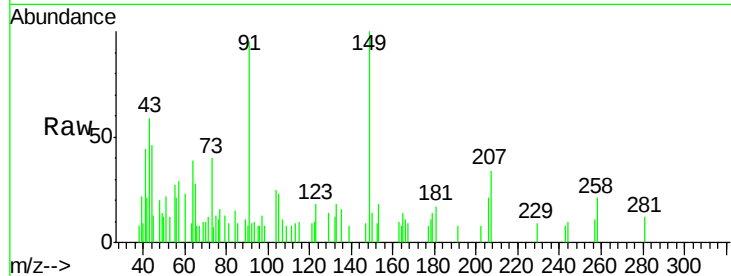
ClientSampleId :

SULFURCAKEMS

Tot Ion:	149	Resp:	7880
Ion Ratio	Lower	Upper	
149	100		
91	95.4	57.6	86.4#
206	20.9	13.2	19.8#

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#80

Benzo(a)anthracene

Concen: 76.41 ng

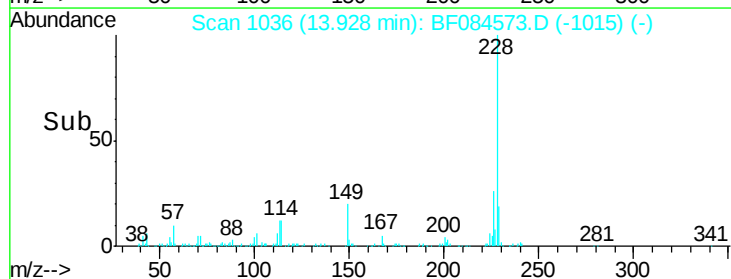
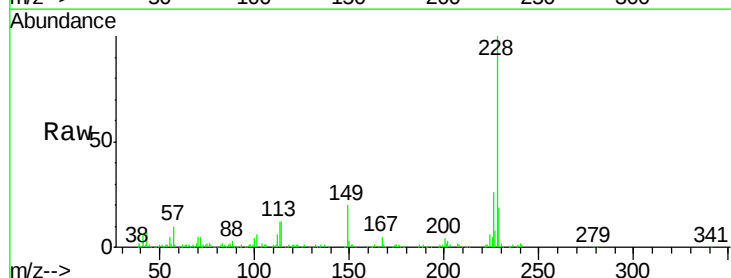
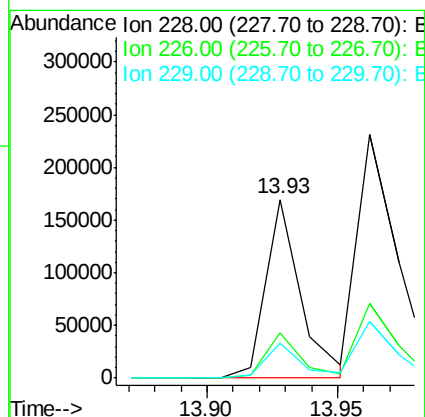
RT: 13.93 min Scan# 1036

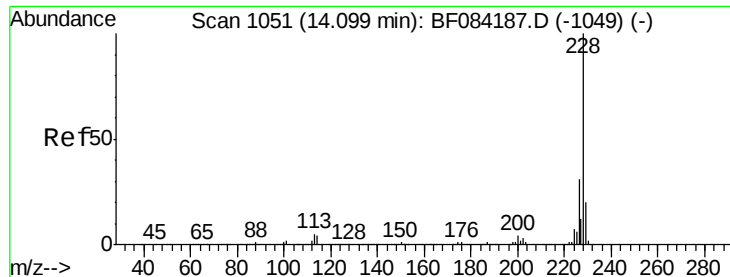
Delta R.T. -0.06 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:	228	Resp:	159216
Ion Ratio	Lower	Upper	
228	100		
226	25.6	21.8	32.6
229	19.4	15.8	23.8





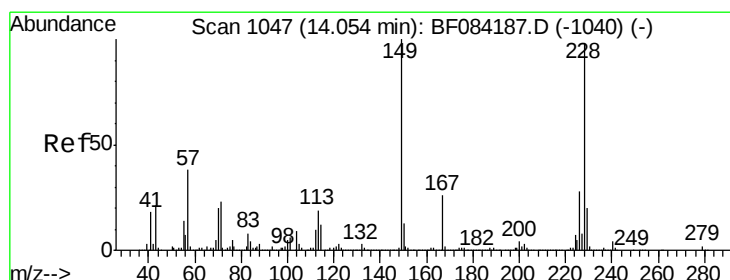
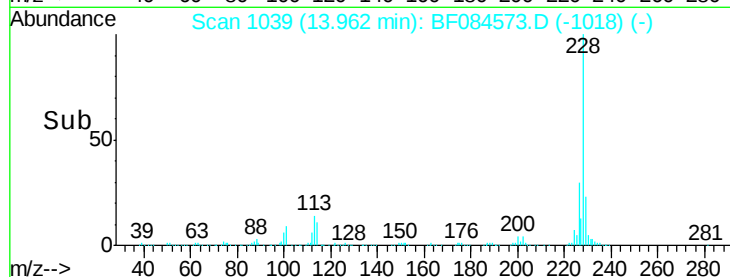
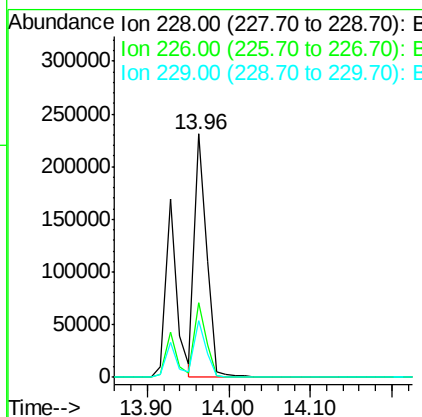
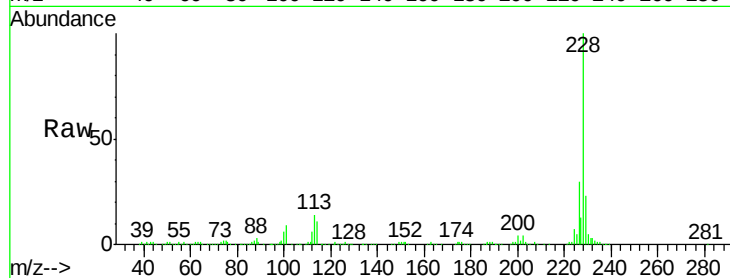
#82
 Chrvsene
 Concen: 122.43 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.06 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Instrument :
 BNA_F
 ClientSampleId :
 SULFURCAKEMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	23.3	16.1	24.1

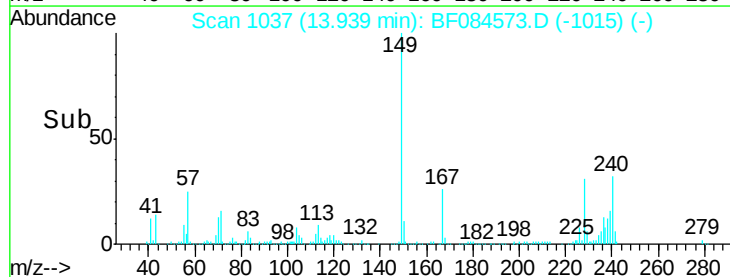
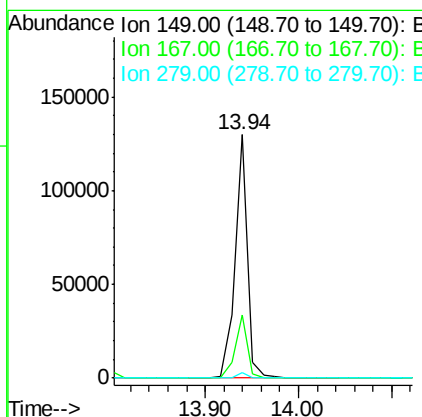
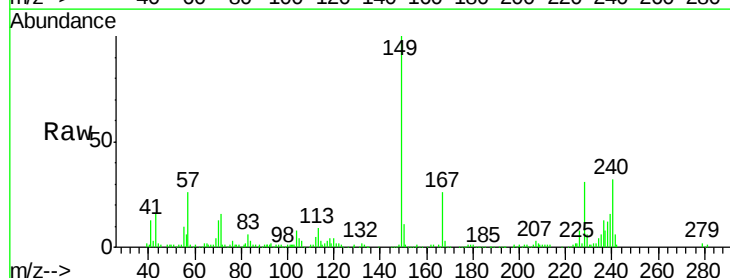
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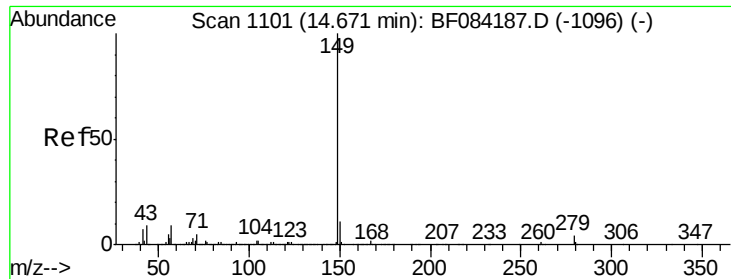
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 80.12 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF084573.D
 Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	19.7	29.5
279	2.4	1.8	2.6





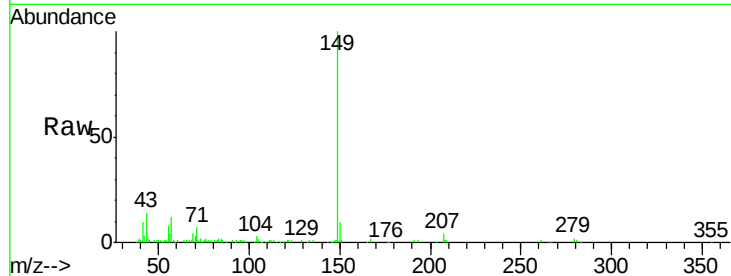
#84
Di-n-octyl phthalate
Concen: 42.65 ng
RT: 14.55 min Scan# 1090
Delta R.T. -0.05 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

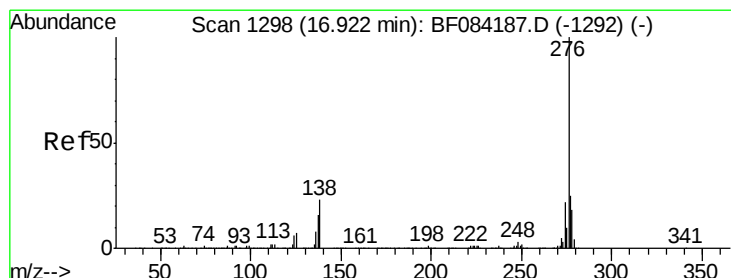
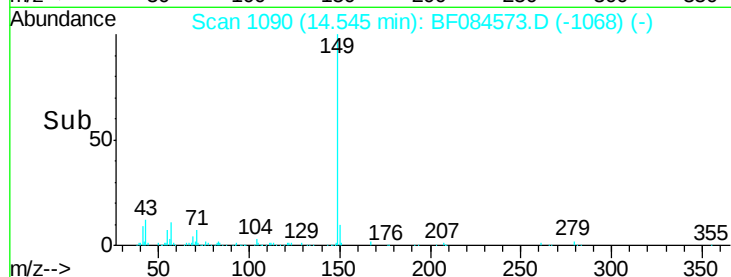
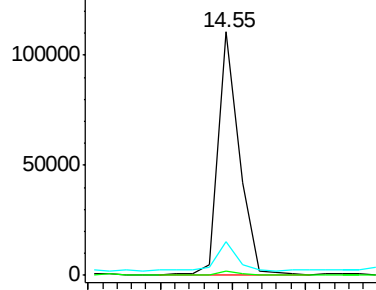
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	2.1	1.2	1.8#
43	12.2	5.6	8.4#

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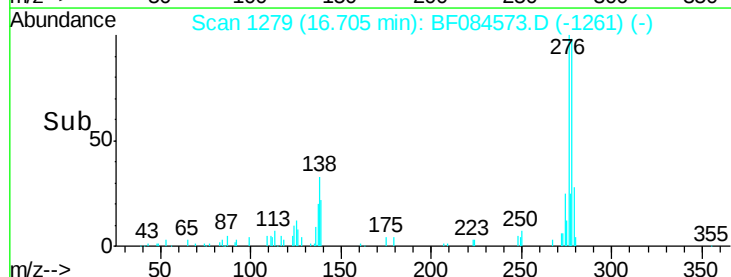
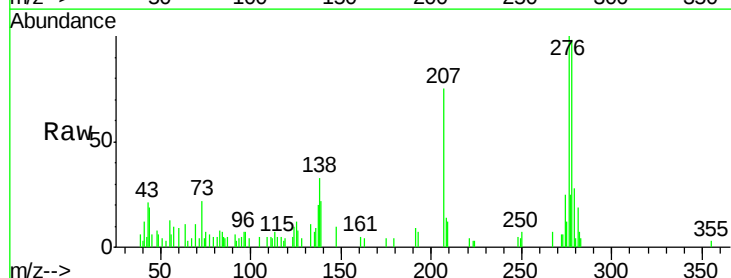
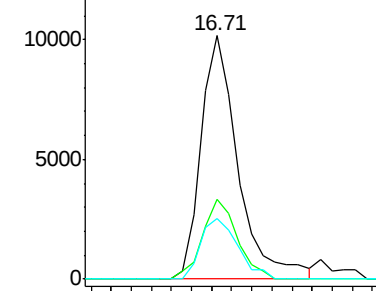
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

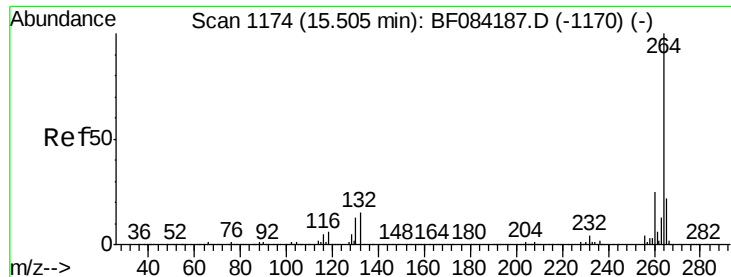


#85
Indeno(1,2,3-cd)pyrene
Concen: 16.39 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.09 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	30.8	20.6	30.8
277	25.0	20.1	30.1

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





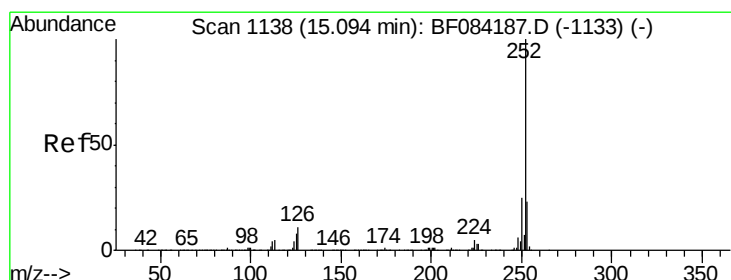
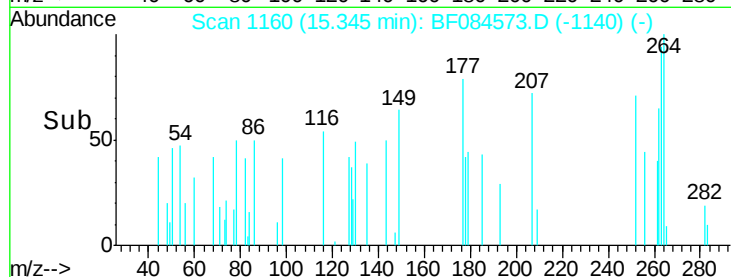
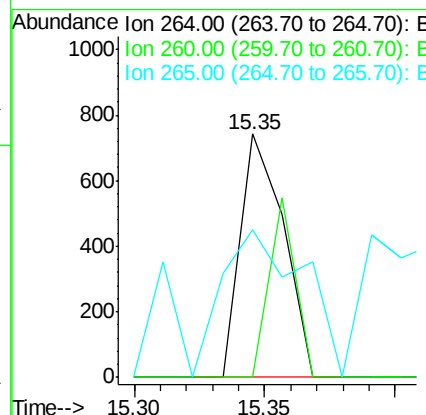
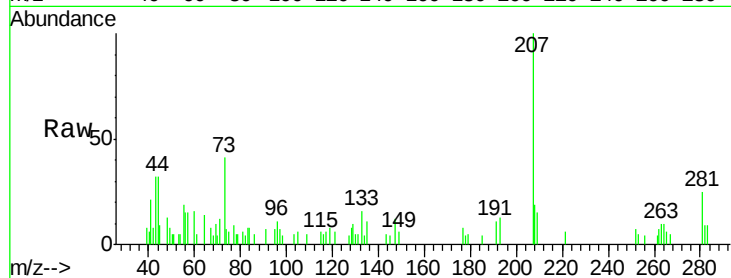
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.4	29.2#
265	60.6	17.8	26.6#

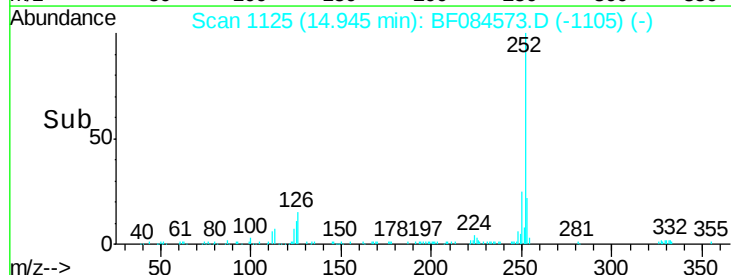
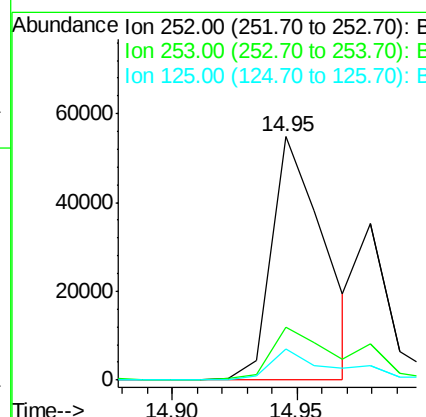
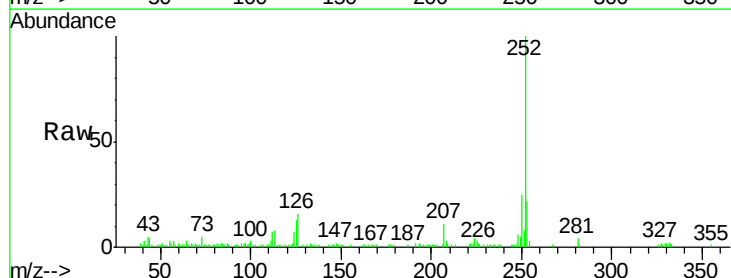
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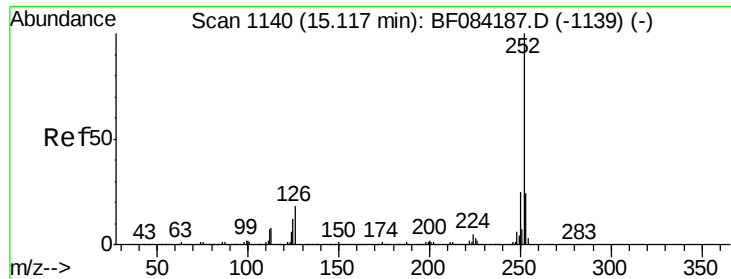
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#87
Benzo(b)fluoranthene
Concen: 1445.28 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	12.6	6.5	9.7#





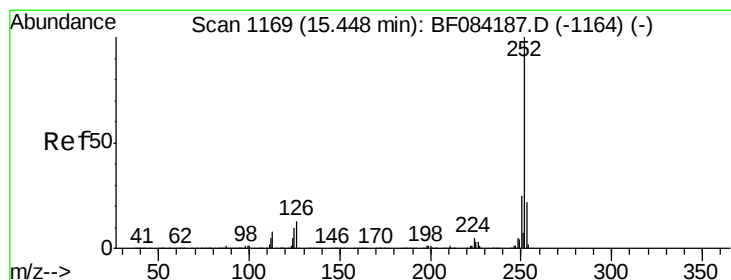
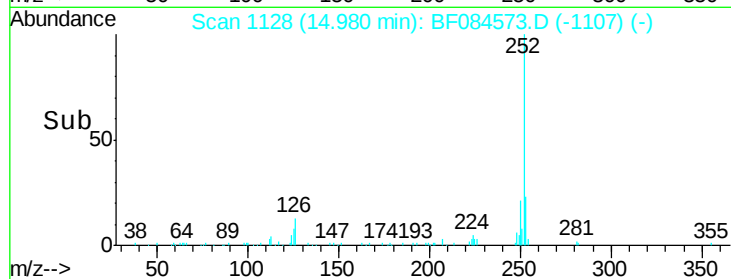
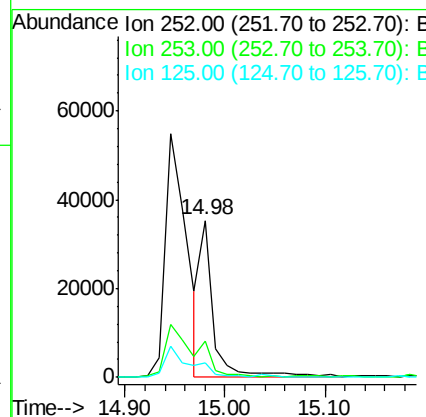
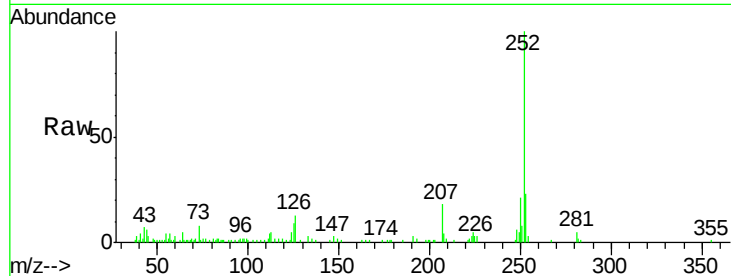
#88
Benzo(k)fluoranthene
Concen: 777.00 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.06 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Instrument :
BNA_F
ClientSampleId :
SULFURCAKEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	9.3	9.0	13.6

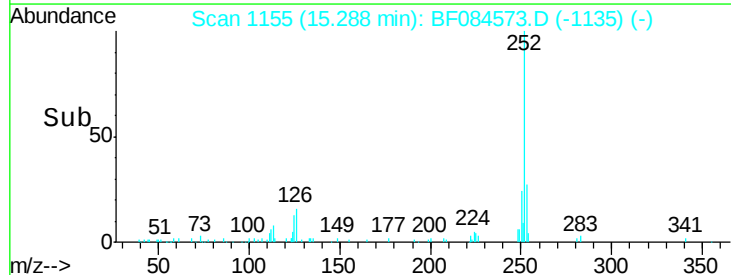
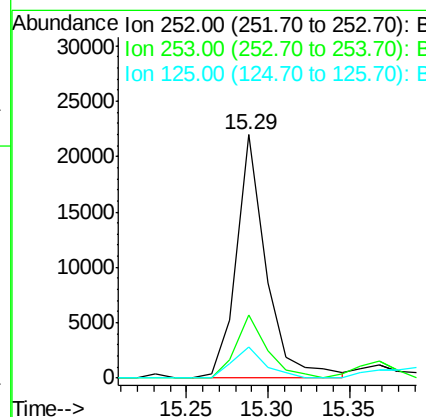
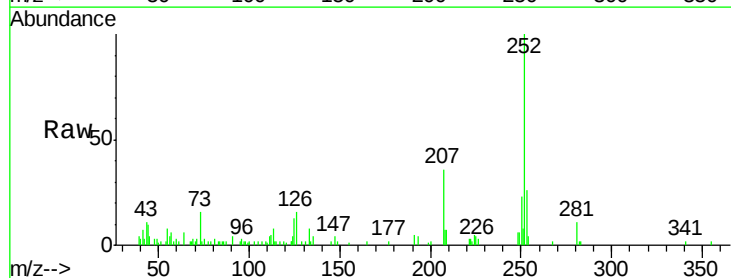
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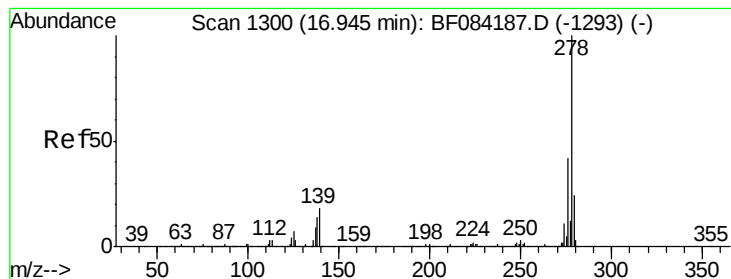
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#89
Benzo(a)pyrene
Concen: 588.36 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF084573.D
Acq: 20 Jan 2016 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.3	25.9#
125	12.9	7.0	10.4#





#90

Dibenzo(a,h)anthracene

Concen: 851.61 ng

RT: 16.72 min Scan# 1280

Delta R.T. -0.09 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Instrument :

BNA_F

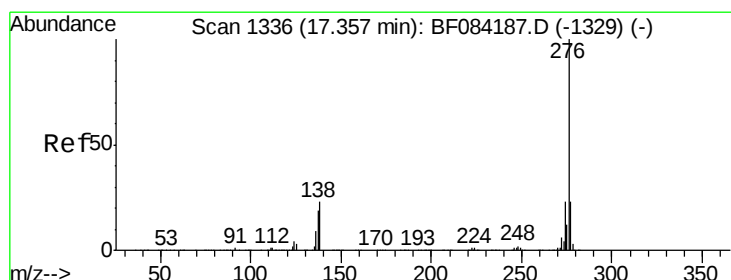
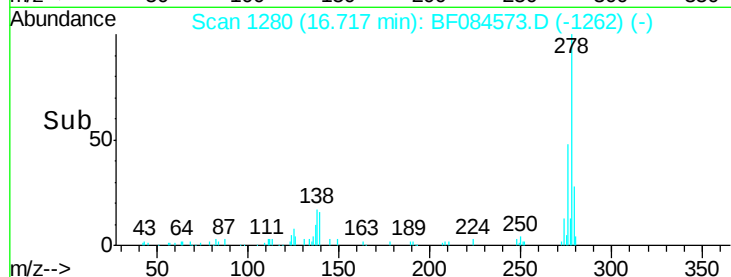
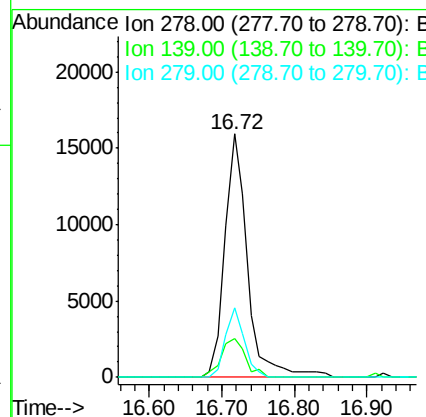
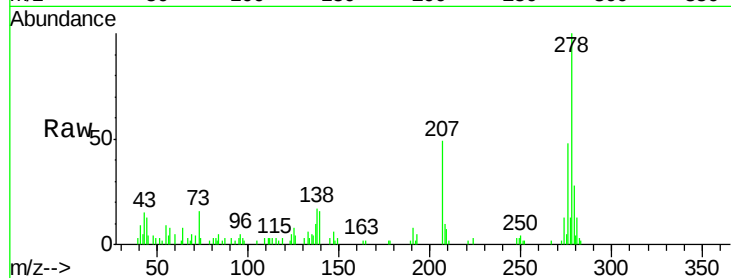
ClientSampleId :

SULFURCAKEMS

Tot Ion:	278	Resp:	34601
Ion Ratio	Lower	Upper	
278	100		
139	16.1	15.0	22.4
279	28.5	18.9	28.3#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 1468.90 ng

RT: 17.11 min Scan# 1314

Delta R.T. -0.11 min

Lab File: BF084573.D

Acq: 20 Jan 2016 19:13

Tgt Ion:	276	Resp:	61805
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	24.3	17.8	26.6

