

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086383.D
 Acq On : 23 Apr 2016 11:11
 Operator : UM/SJ
 Sample : H2661-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Manual Integrations
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 4/25/2016 12:36:56 PM

Quant Time: Apr 25 05:09:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	166875	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	705915	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	348543	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	666779	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	465376	20.00	ng	0.00
86) Perylene-d12	15.40	264	416793	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	992727	102.74	ng	0.02
7) Phenol-d6	6.48	99	1219926	92.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	759344	63.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	327714	103.87	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1448103	70.90	ng	0.00
78) Terphenyl-d14	12.94	244	1353362	72.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	141033	26.39	ng	97
3) Pyridine	3.21	79	291401	22.89	ng	94
4) n-Nitrosodimethylamine	3.13	42	139700	28.92	ng	89
6) Aniline	6.50	93	411198	25.65	ng	99
8) 2-Chlorophenol	6.62	128	397610	33.70	ng	98
9) Benzaldehyde	6.38	77	66636	8.35	ng	89
10) Phenol	6.49	94	503627	32.47	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	416295	30.83	ng	96
12) 1,3-Dichlorobenzene	6.78	146	410072	32.59	ng	97
13) 1,4-Dichlorobenzene	6.85	146	433608	31.37	ng	92
14) 1,2-Dichlorobenzene	7.01	146	425272	33.87	ng	96
15) Benzyl Alcohol	6.99	79	292916	37.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	522166	29.50	ng	98
17) 2-Methylphenol	7.10	107	325817	33.70	ng	96
18) Hexachloroethane	7.36	117	148909	31.99	ng	# 88
19) n-Nitroso-di-n-propylamine	7.25	70	245241	31.24	ng	# 87
20) 3+4-Methylphenols	7.25	107	359509	35.08	ng	95
22) Acetophenone	7.25	105	523154	35.33	ng	# 94
24) Nitrobenzene	7.42	77	421578	32.98	ng	91
25) Isophorone	7.66	82	747435	32.00	ng	96
26) 2-Nitrophenol	7.74	139	228805	36.23	ng	93
27) 2,4-Dimethylphenol	7.78	122	348989	32.27	ng	92
28) bis(2-Chloroethoxy)methane	7.88	93	479680	36.79	ng	99
29) 2,4-Dichlorophenol	7.98	162	353997	39.60	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	345876	35.62	ng	93
31) Naphthalene	8.14	128	1199912	33.37	ng	99
32) Benzoic acid	7.87	122	95209	13.77	ng	94
33) 4-Chloroaniline	8.20	127	298457	21.31	ng	97
34) Hexachlorobutadiene	8.27	225	171460	35.36	ng	99
35) Caprolactam	8.56	113	109247m	34.06	ng	
36) 4-Chloro-3-methylphenol	8.68	107	373318	35.14	ng	100
37) 2-Methylnaphthalene	8.84	142	775395	37.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	294030	32.61	ng	99
40) Hexachlorocyclopentadiene	8.99	237	304480	69.13	ng	94

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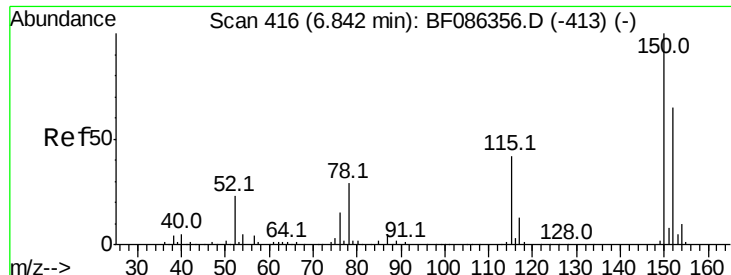
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	216192	36.56	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	248411	34.12	ng	99
45) 1,1'-Biphenyl	9.30	154	902943	33.39	ng	97
46) 2-Chloronaphthalene	9.32	162	713157	33.32	ng	93
47) 2-Nitroaniline	9.42	65	236787	35.53	ng	93
48) Acenaphthylene	9.74	152	1167568	33.65	ng	98
49) Dimethylphthalate	9.61	163	1045200	41.51	ng	100
50) 2,6-Dinitrotoluene	9.66	165	200042	36.78	ng	87
51) Acenaphthene	9.92	154	746459	35.01	ng	100
52) 3-Nitroaniline	9.84	138	192501	28.27	ng	92
53) 2,4-Dinitrophenol	9.94	184	95508	33.78	ng	89
54) Dibenzofuran	10.09	168	1032617	37.72	ng	97
55) 4-Nitrophenol	10.00	139	307147	64.46	ng	87
56) 2,4-Dinitrotoluene	10.06	165	253134	35.05	ng	88
57) Fluorene	10.43	166	748366	33.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	202511	38.06	ng	99
59) Diethylphthalate	10.30	149	835890	34.67	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	335424	34.19	ng	93
61) 4-Nitroaniline	10.45	138	233330	33.48	ng	98
62) Azobenzene	10.58	77	892932	35.71	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	94016	23.07	ng	84
65) n-Nitrosodiphenylamine	10.54	169	685946	33.36	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	218541	33.47	ng	# 88
67) Hexachlorobenzene	10.97	284	221091	31.74	ng	# 67
68) Atrazine	11.07	200	221740	34.93	ng	97
69) Pentachlorophenol	11.16	266	239142	58.46	ng	99
70) Phenanthrene	11.38	178	1113359	33.23	ng	99
71) Anthracene	11.44	178	1256744	32.74	ng	99
72) Carbazole	11.60	167	1213845	33.67	ng	99
73) Di-n-butylphthalate	11.93	149	1344363	35.44	ng	99
74) Fluoranthene	12.57	202	1203948	33.32	ng	96
76) Benzidine	12.69	184	475365	24.91	ng	96
77) Pyrene	12.80	202	1226886	37.80	ng	100
79) Butylbenzylphthalate	13.41	149	547749	36.23	ng	# 75
80) Benzo(a)anthracene	13.99	228	829795	34.35	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	195164	11.71	ng	# 97
82) Chrysene	14.02	228	1029264	37.82	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	648719	38.32	ng	# 94
84) Di-n-octyl phthalate	14.59	149	1208640	37.19	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	813173	33.61	ng	99
87) Benzo(b)fluoranthene	15.00	252	755362	33.02	ng	97
88) Benzo(k)fluoranthene	15.03	252	862582m	38.42	ng	
89) Benzo(a)pyrene	15.35	252	794444	35.20	ng	# 98
90) Dibenzo(a,h)anthracene	16.80	278	667013	35.83	ng	99
91) Benzo(g,h,i)perylene	17.20	276	688488	35.82	ng	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

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BNA_F

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Tot Ion:152 Resp: 166875

Ion Ratio Lower Upper

152 100

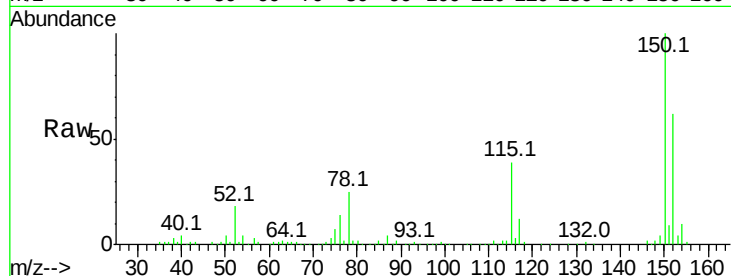
150 160.5 125.8 188.6

115 63.2 51.5 77.3

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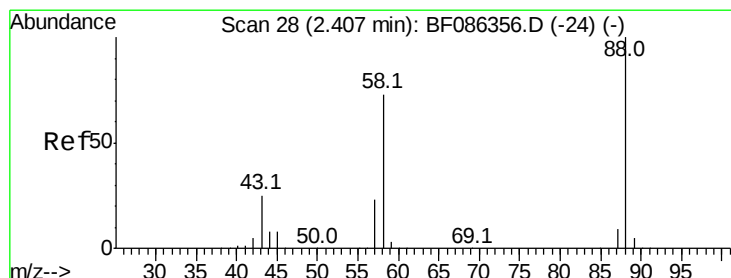
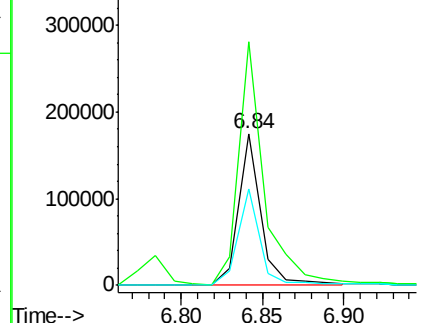
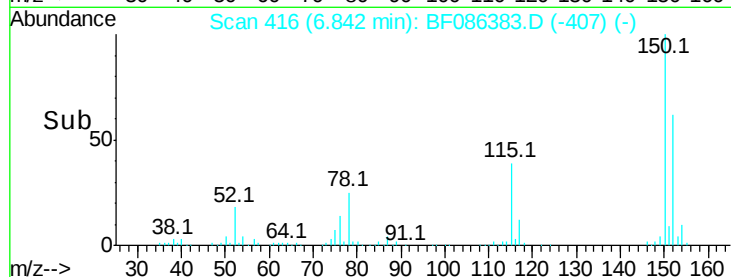
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.39 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.07 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

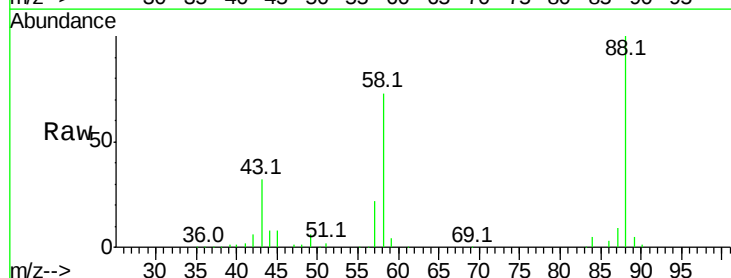
Tgt Ion: 88 Resp: 141033

Ion Ratio Lower Upper

88 100

58 72.5 59.6 89.4

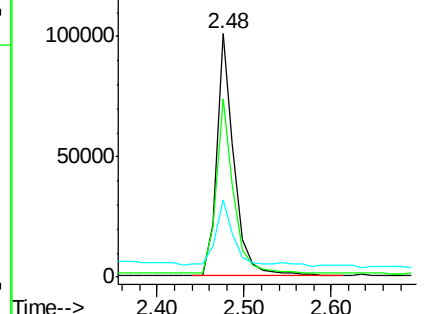
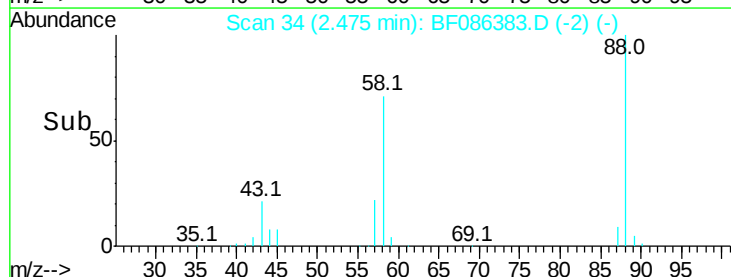
43 29.5 21.8 32.6

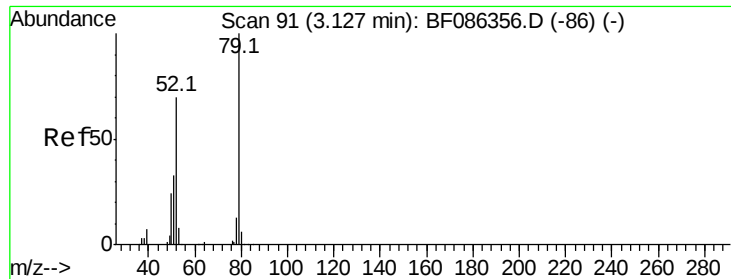


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.89 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.08 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

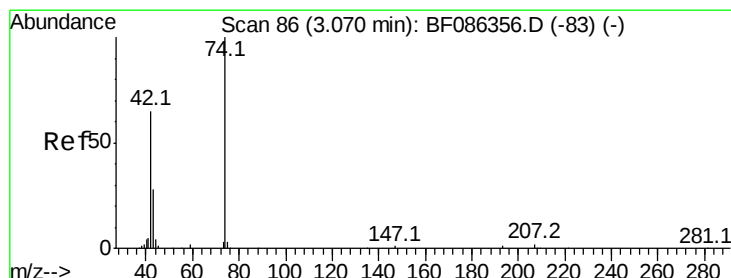
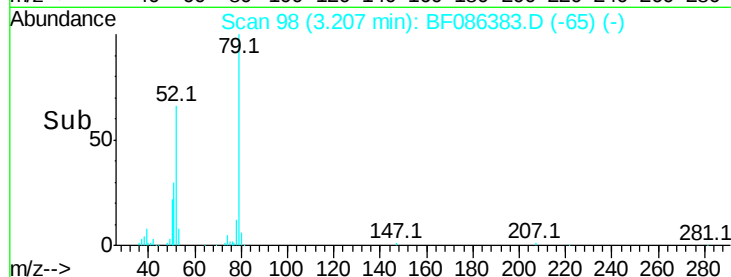
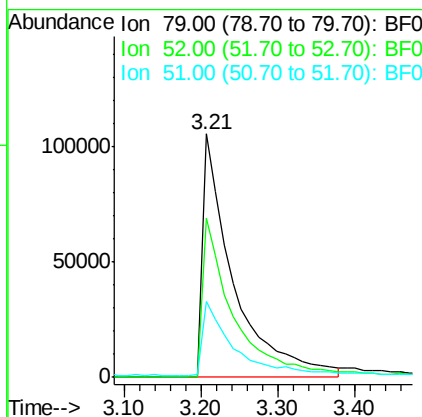
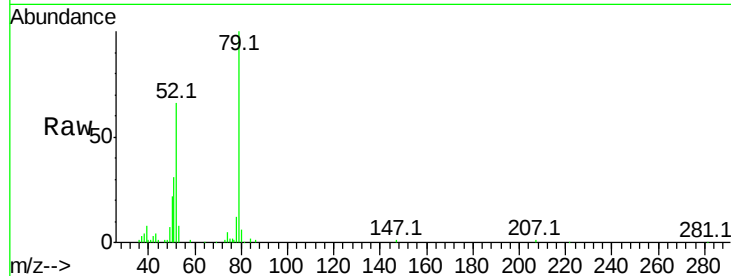
ClientSampleId :

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Tot Ion:	79	Resp:	291401
Ion Ratio	Lower	Upper	
79	100		
52	65.6	55.9	83.9
51	31.0	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 28.92 ng

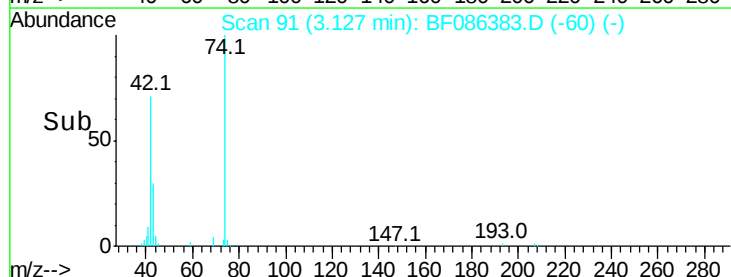
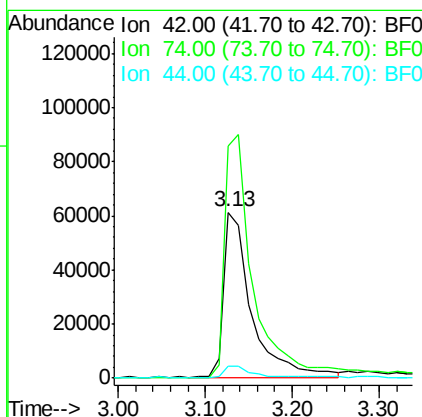
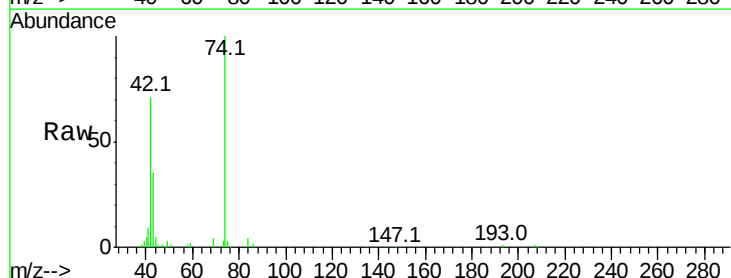
RT: 3.13 min Scan# 91

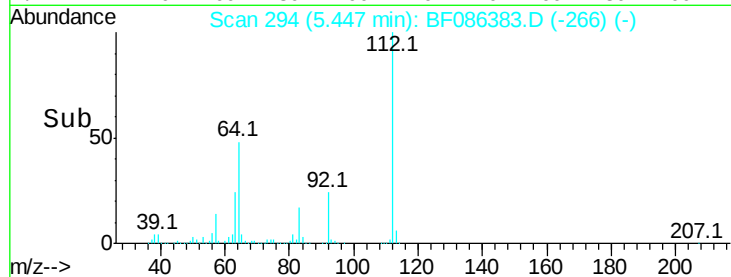
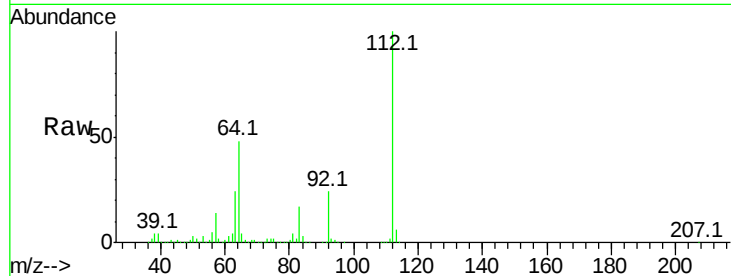
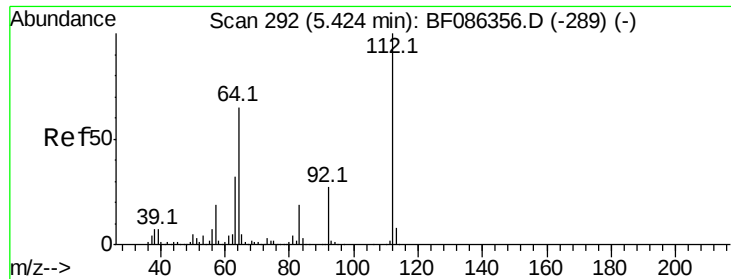
Delta R.T. 0.06 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	42	Resp:	139700
Ion Ratio	Lower	Upper	
42	100		
74	140.0	123.4	185.0
44	7.2	5.8	8.6





#5

2-Fluorophenol

Concen: 102.74 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		992727		
64	47.8	52.1	78.1#		
63	23.6	25.7	38.5#		

Instrument :

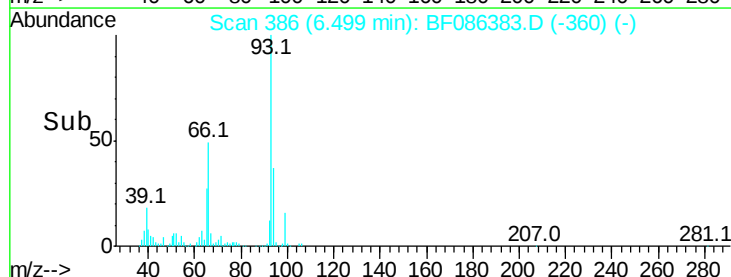
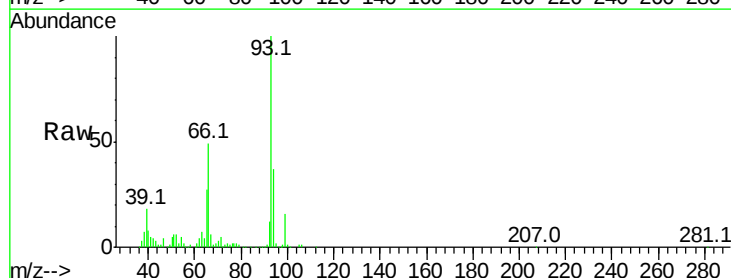
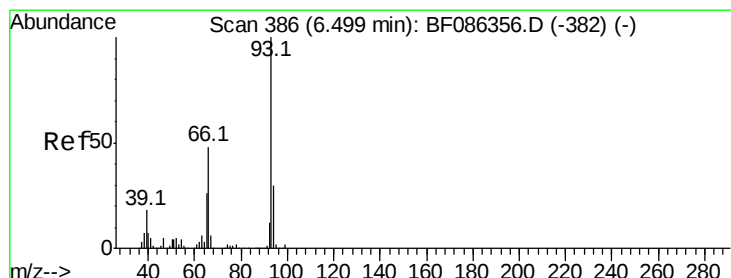
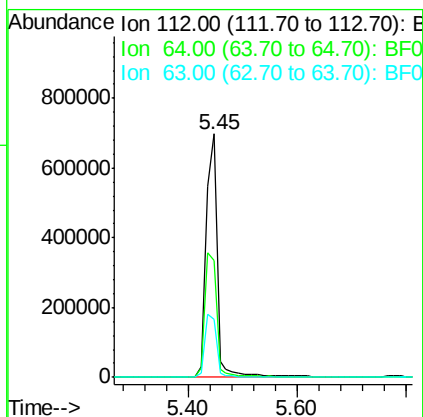
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ClientSampleId :

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#6

Aniline

Concen: 25.65 ng

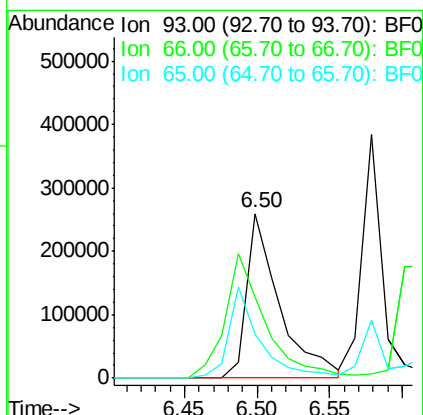
RT: 6.50 min Scan# 386

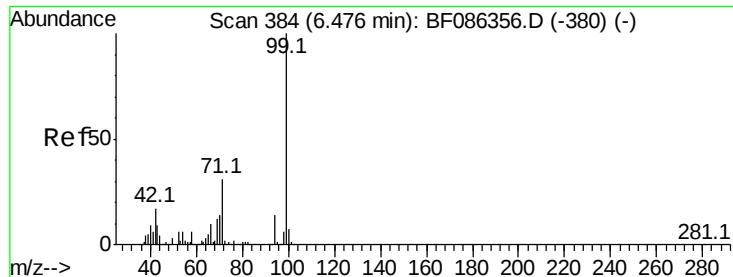
Delta R.T. -0.00 min

Lab File: BF086383.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		411198		
66	49.3	39.0	58.6		
65	26.6	20.6	31.0		





#7

Phenol-d6

Concen: 92.86 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

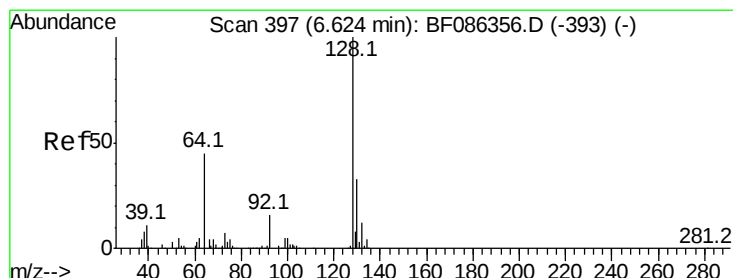
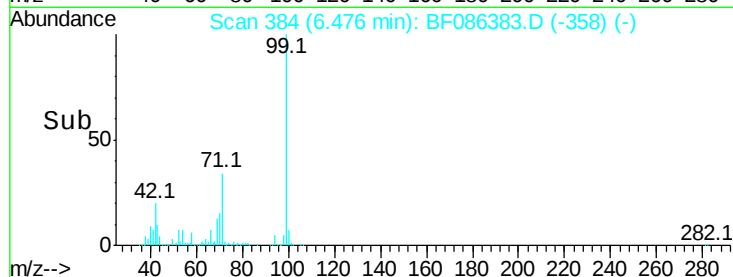
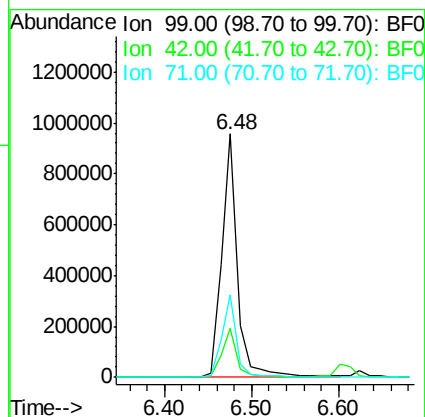
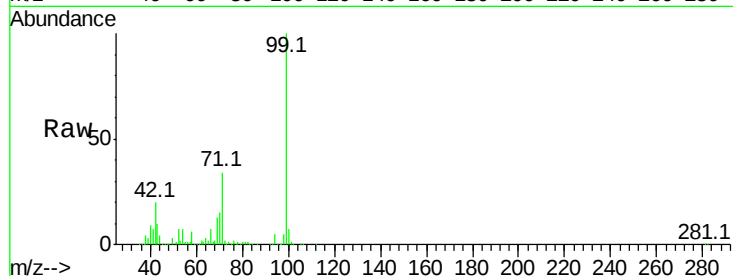
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Tot Ion	99	Resp	1219926
Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.6	20.4
71	33.9	24.6	36.8



#8

2-Chlorophenol

Concen: 33.70 ng

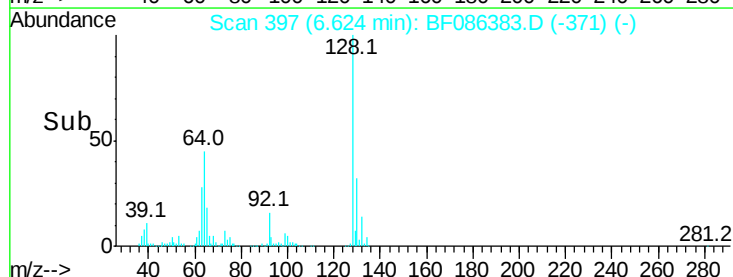
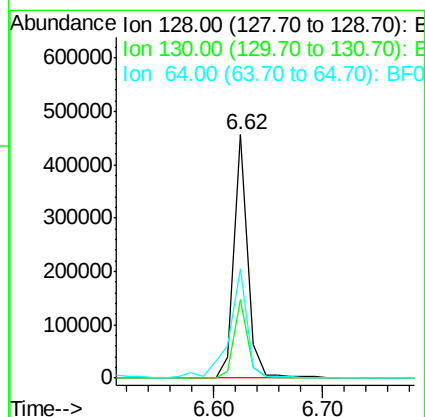
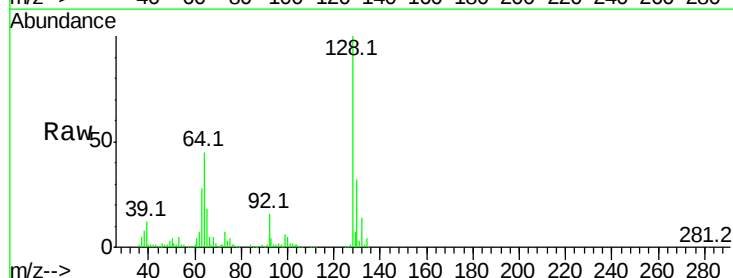
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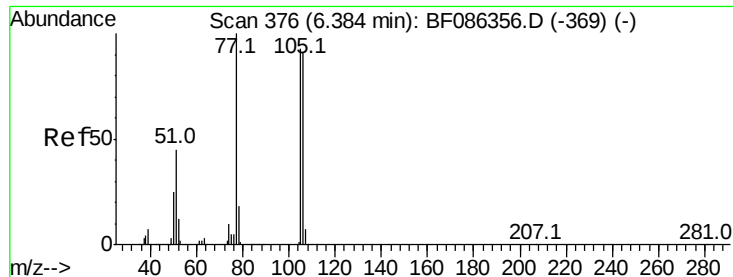
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion	128	Resp	397610
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.5	52.5
64	45.0	27.3	67.3





#9

Benzaldehyde

Concen: 8.35 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

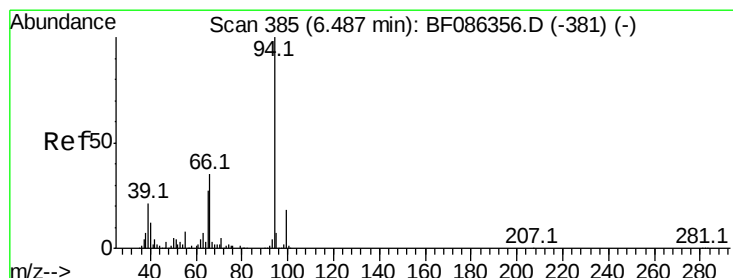
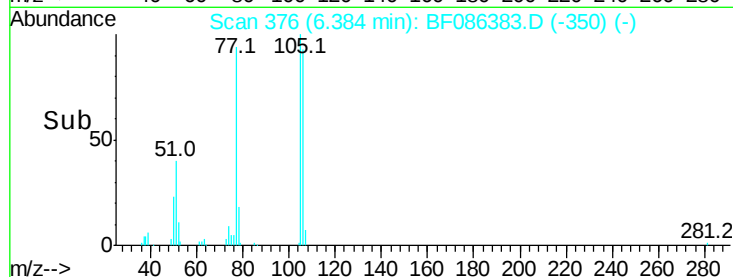
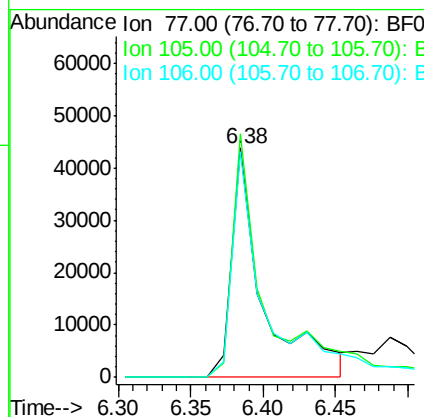
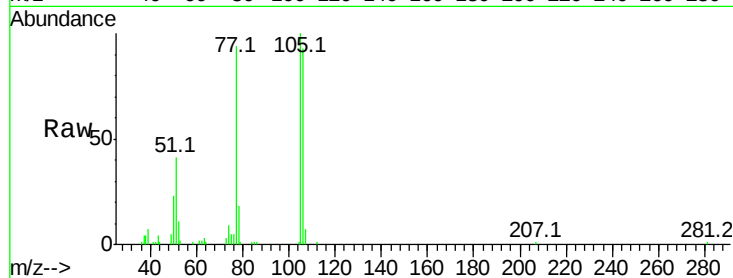
ClientSampleId :

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Tot Ion:	77	Resp:	66636
Ion Ratio	Lower	Upper	
77	100		
105	106.2	72.7	112.7
106	98.3	70.8	110.8



#10

Phenol

Concen: 32.47 ng

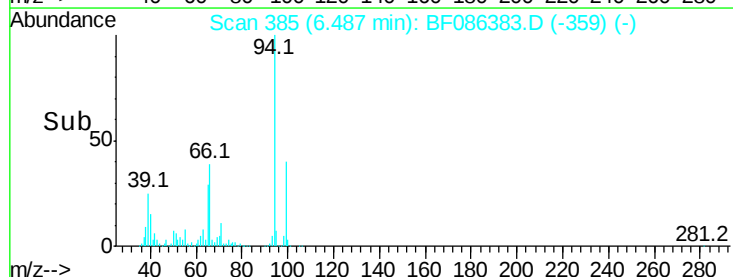
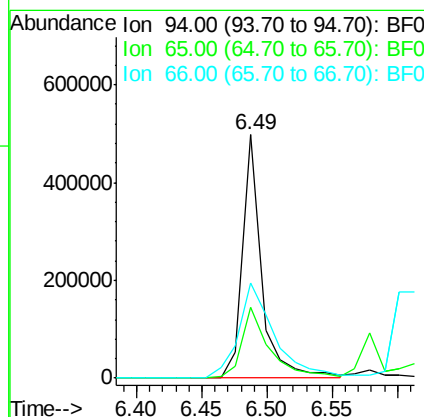
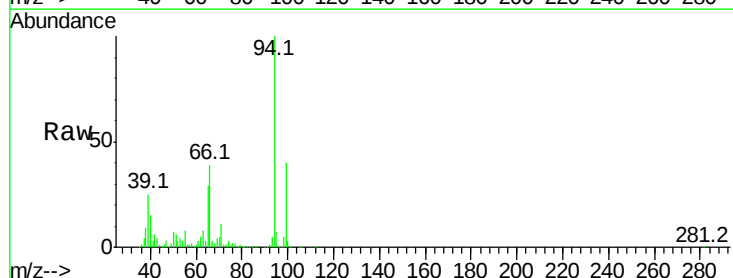
RT: 6.49 min Scan# 385

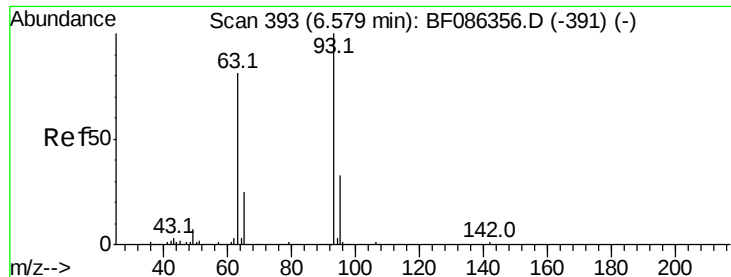
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	94	Resp:	503627
Ion Ratio	Lower	Upper	
94	100		
65	29.1	7.2	47.2
66	39.3	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 30.83 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

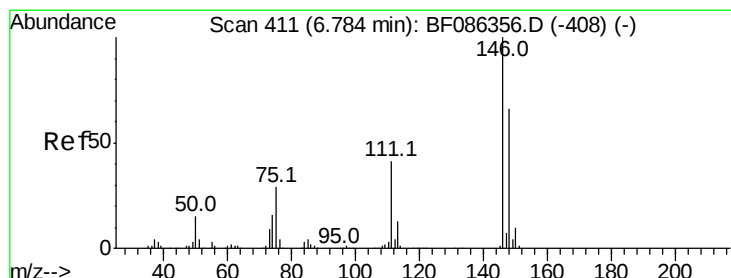
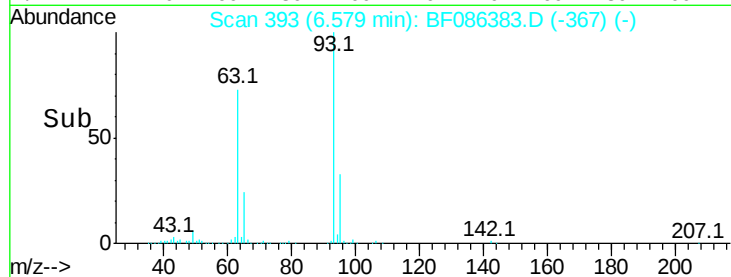
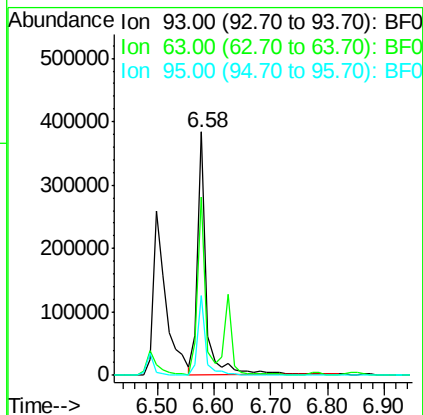
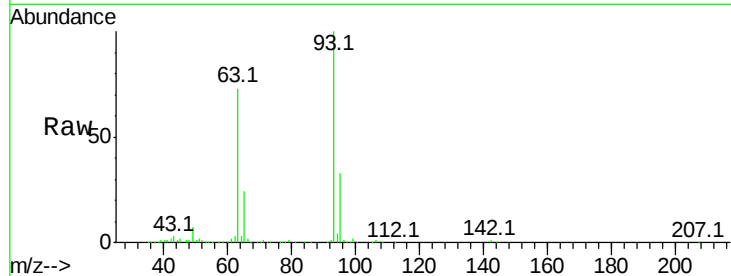
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:	93	Resp:	416295
Ion Ratio	Lower	Upper	
93	100		
63	73.1	58.0	98.0
95	32.7	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 32.59 ng

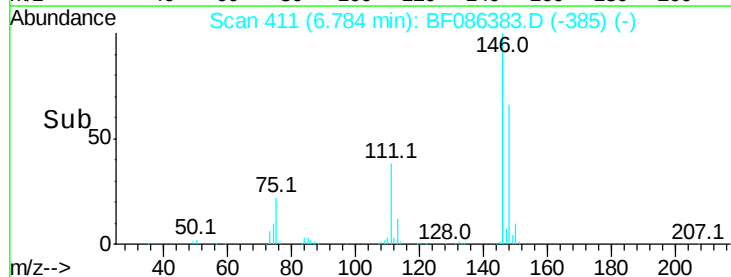
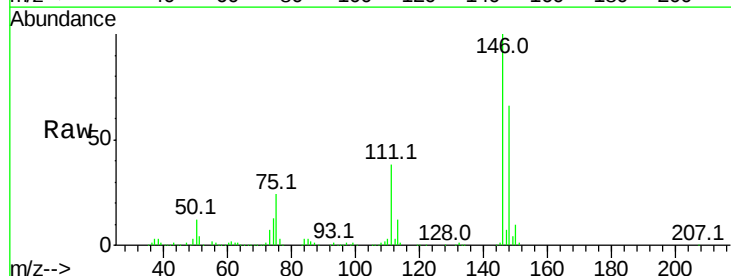
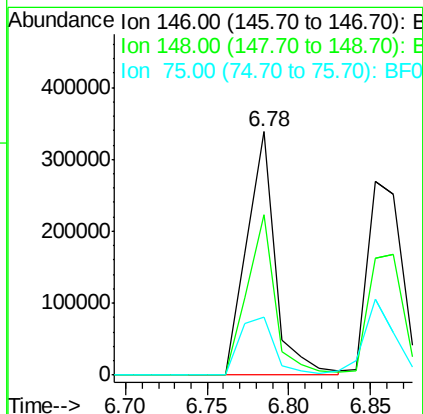
RT: 6.78 min Scan# 411

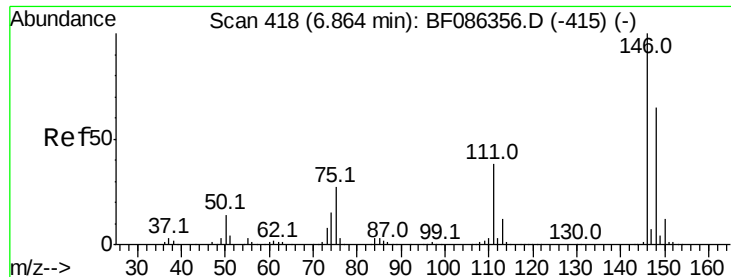
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	146	Resp:	410072
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.4	78.6
75	23.6	22.8	34.2





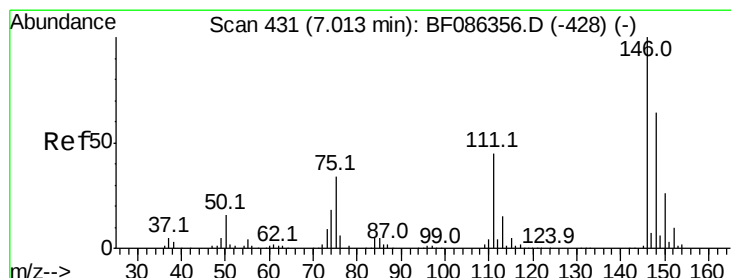
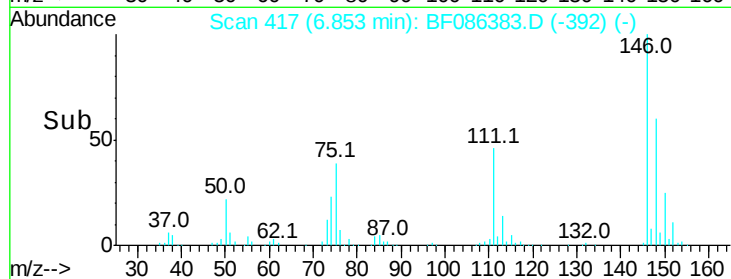
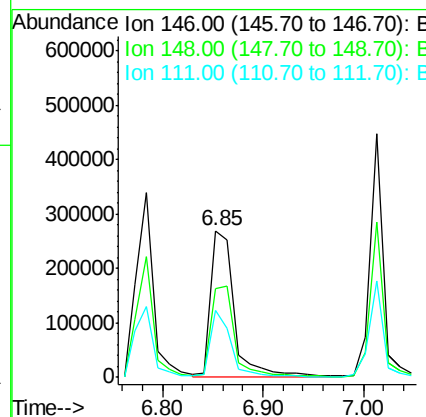
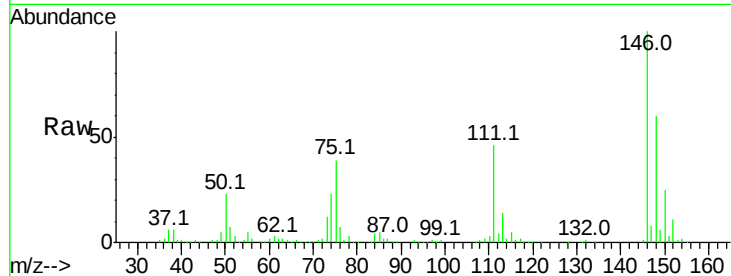
#13
 1,4-Dichlorobenzene
 Concen: 31.37 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.5	52.2	78.4
111	45.6	30.7	46.1

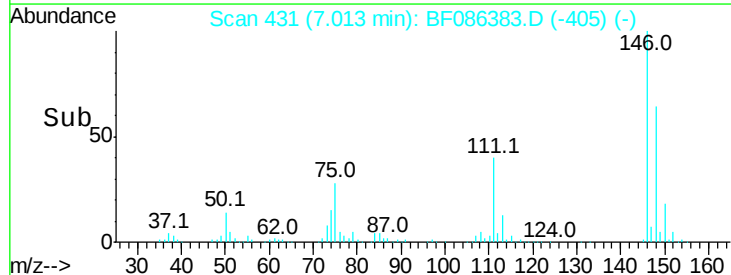
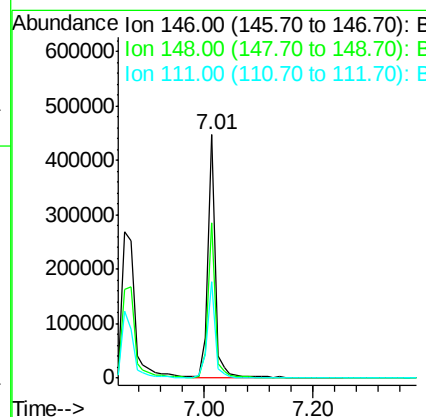
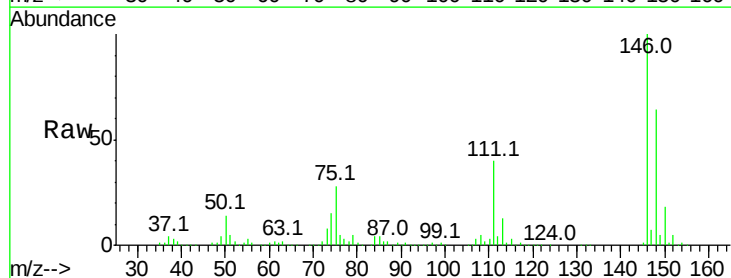
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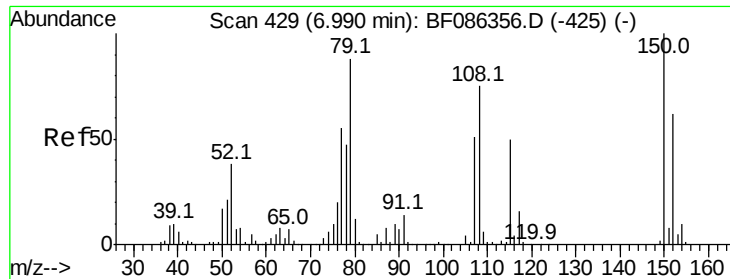
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#14
 1,2-Dichlorobenzene
 Concen: 33.87 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
111	39.7	36.2	54.4





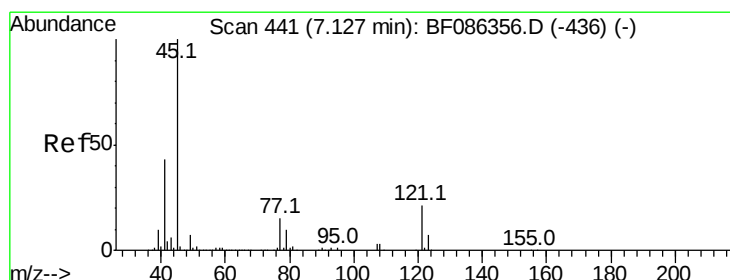
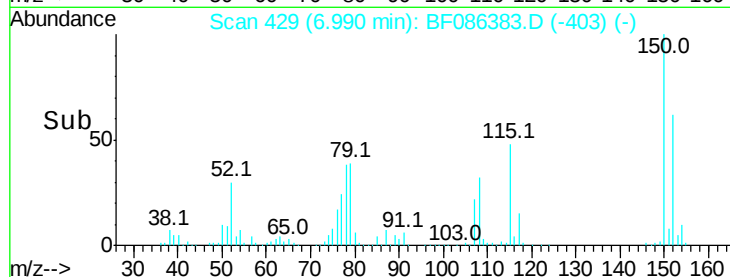
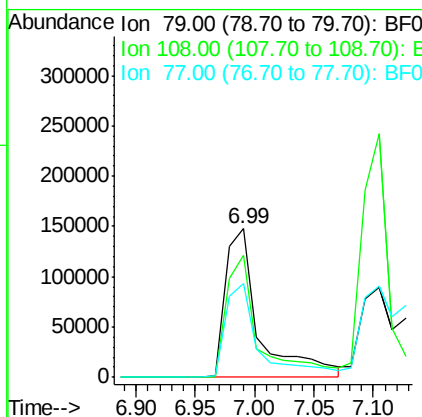
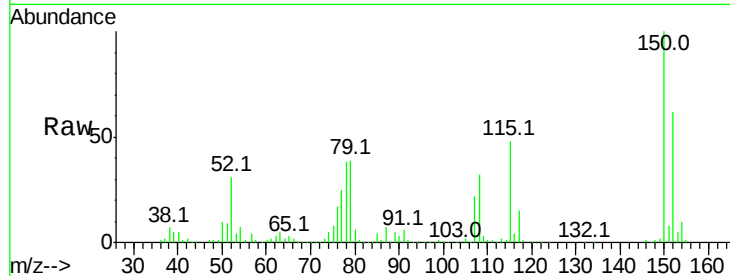
#15
Benzyl Alcohol
Concen: 37.57 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.6	68.4	102.6
77	63.4	50.6	76.0

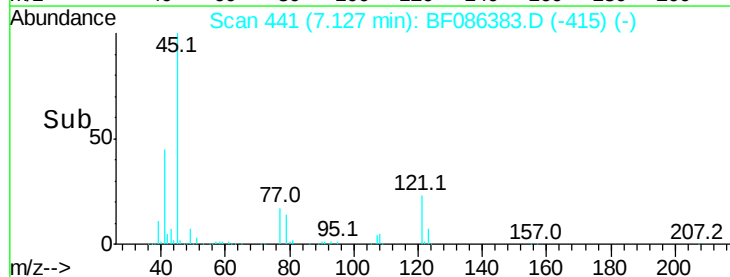
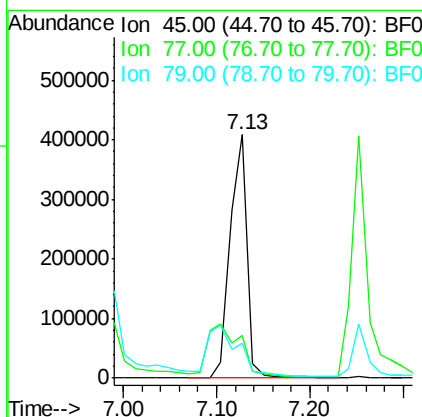
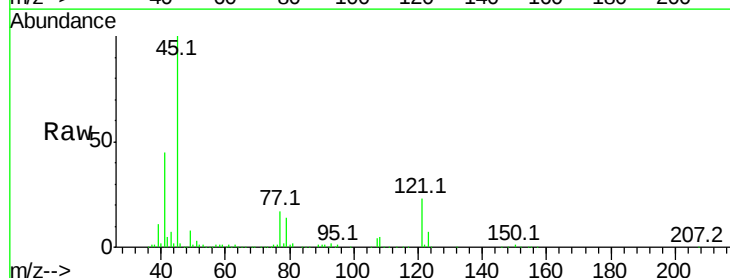
Manual Integrations
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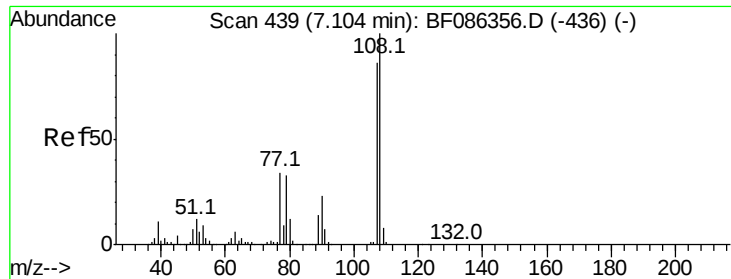
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.50 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	36.4
79	14.3	0.0	33.4





#17

2-Methylphenol

Concen: 33.70 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF086383.D

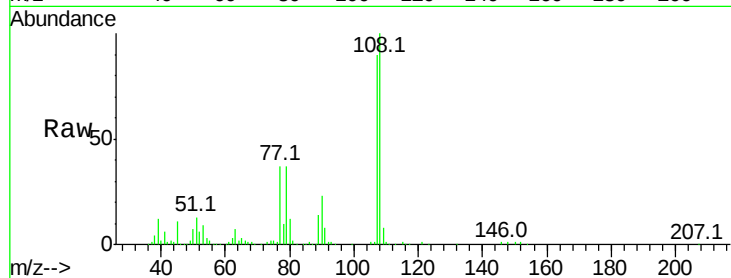
Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS



Tot Ion:107 Resp: 325817

Ion Ratio Lower Upper

107 100

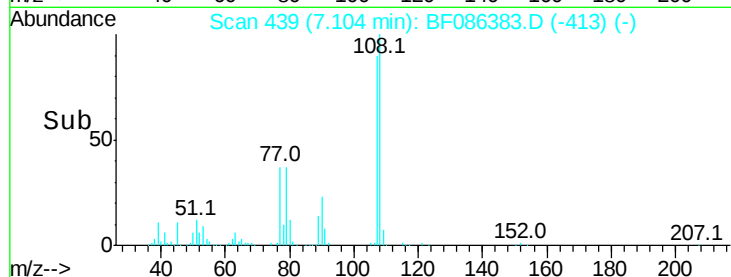
108 111.4 93.7 140.5

77 41.5 33.4 50.0

79 41.3 34.3 51.5

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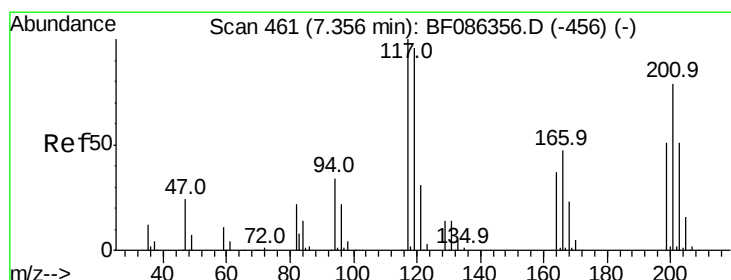
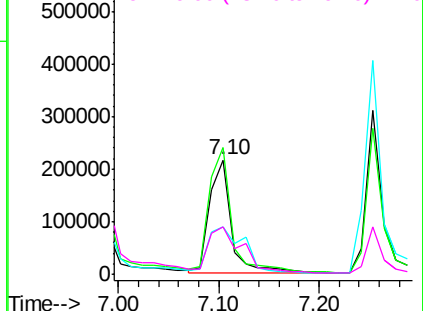
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.99 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

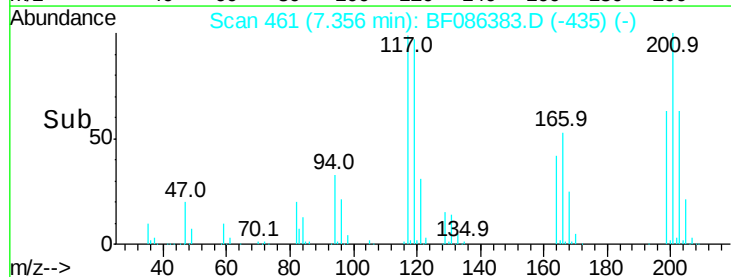
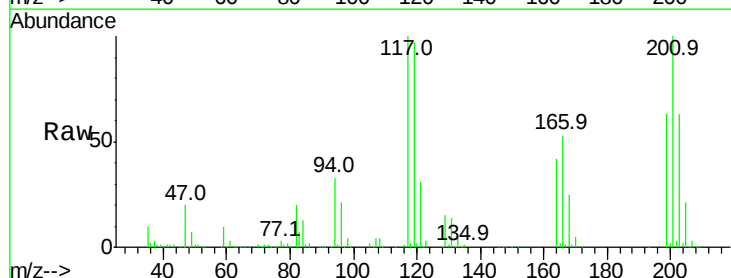
Tgt Ion:117 Resp: 148909

Ion Ratio Lower Upper

117 100

119 97.0 76.5 114.7

201 100.3 63.0 94.6#

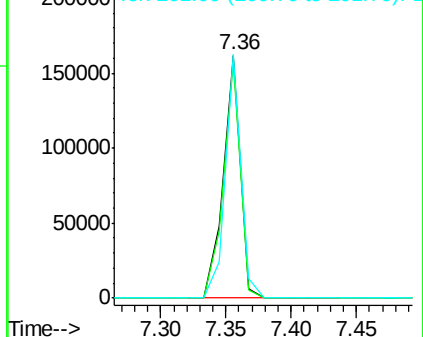


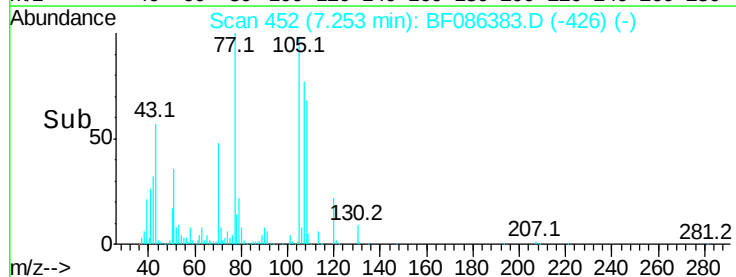
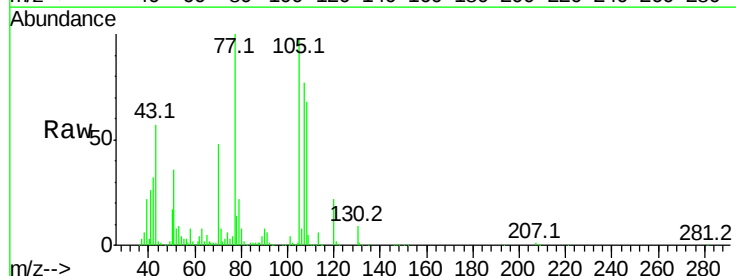
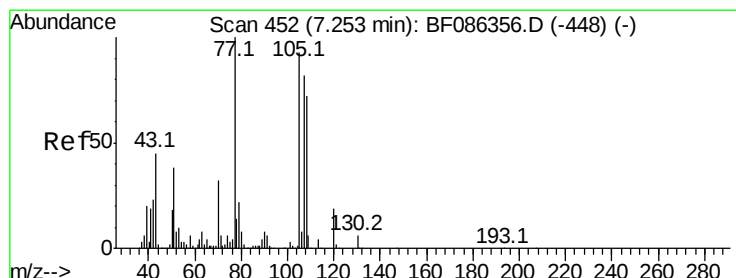
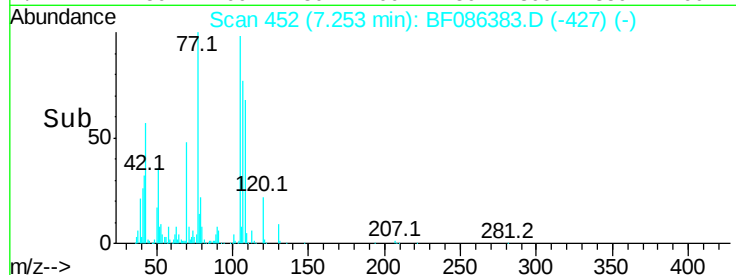
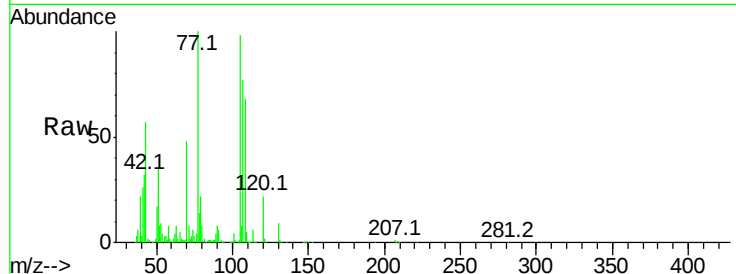
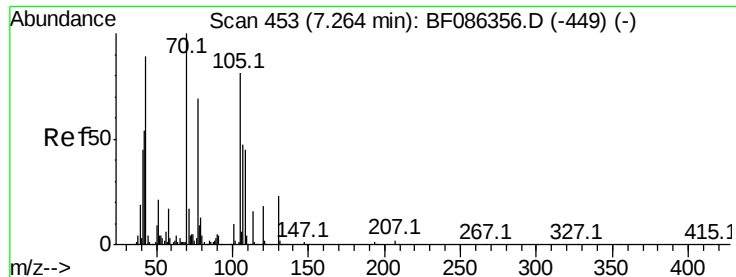
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





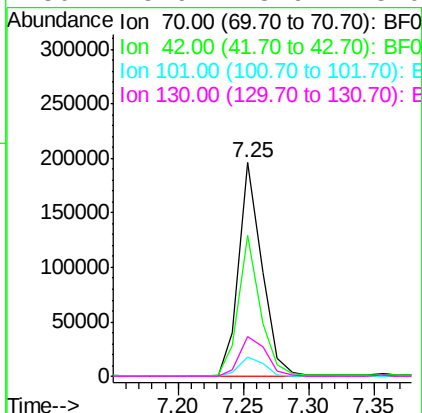
#19
n-Nitroso-di-n-propylamine
Concen: 31.24 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	66.0	43.1	64.7#		
101	9.1	8.1	12.1		
130	18.6	18.6	28.0#		

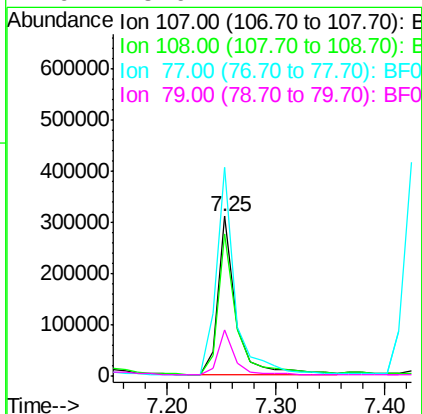
Manual Integrations
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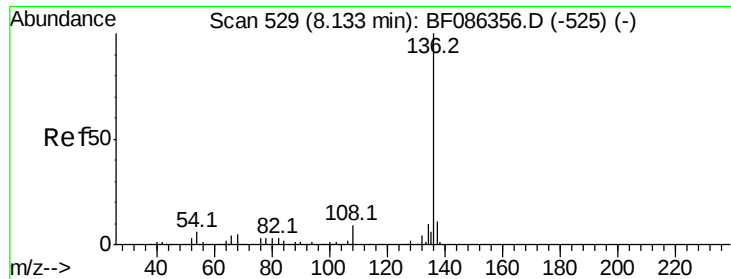
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#20
3+4-Methylphenols
Concen: 35.08 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.0	68.5	108.5		
77	130.6	101.6	141.6		
79	28.9	7.4	47.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

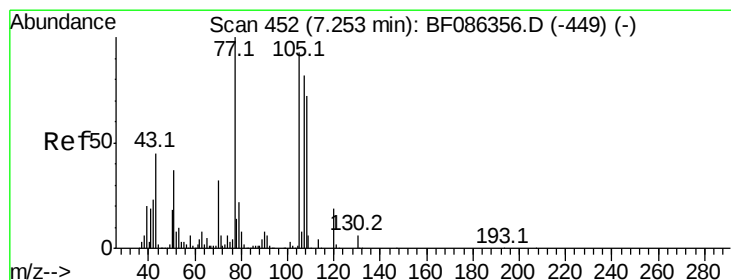
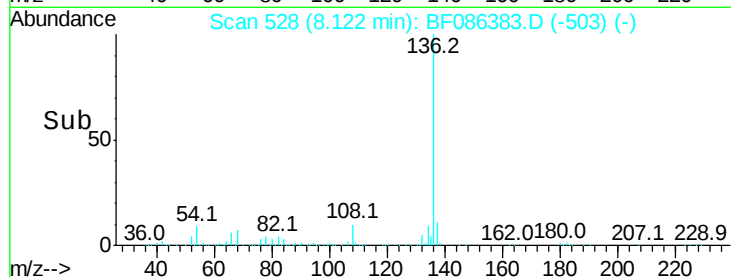
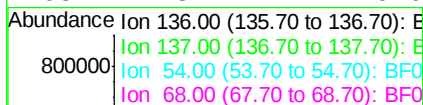
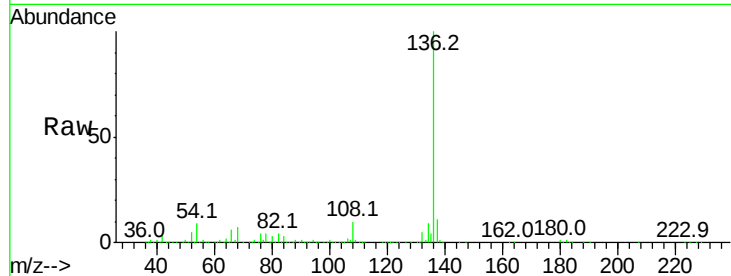
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	705915		
137	11.1	8.8	13.2	
54	8.8	5.0	7.4	
68	7.3	4.4	6.6	

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#22

Acetophenone

Concen: 35.33 ng

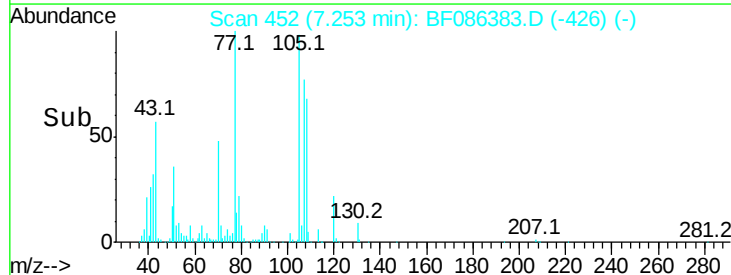
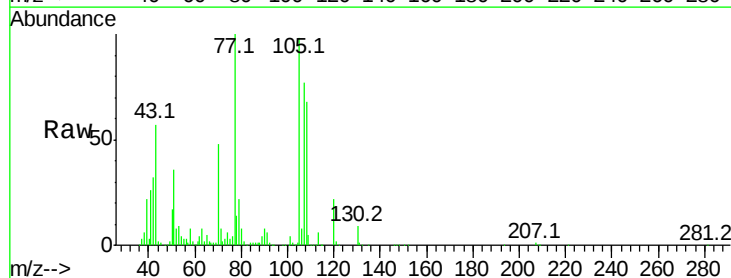
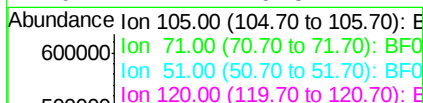
RT: 7.25 min Scan# 452

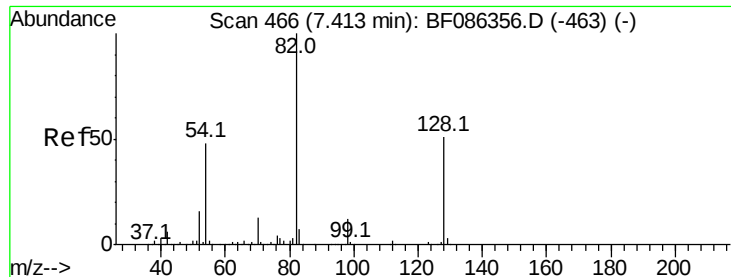
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	523154		
71	8.2	4.8	7.2	
51	36.7	32.6	49.0	
120	22.1	16.5	24.7	





#23

Nitrobenzene-d5

Concen: 63.72 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

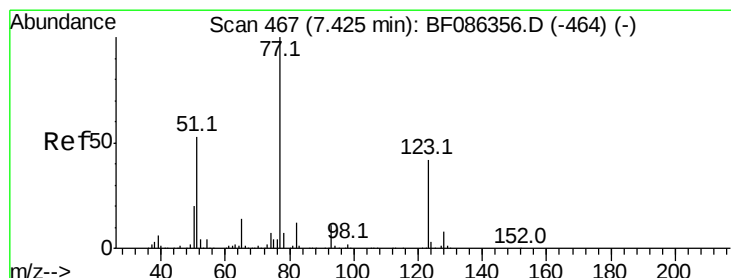
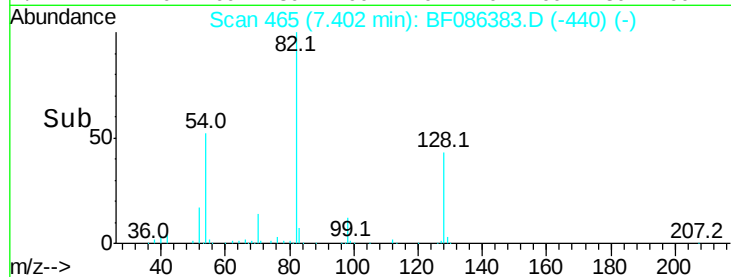
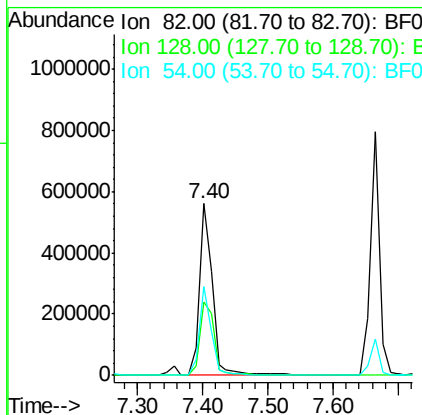
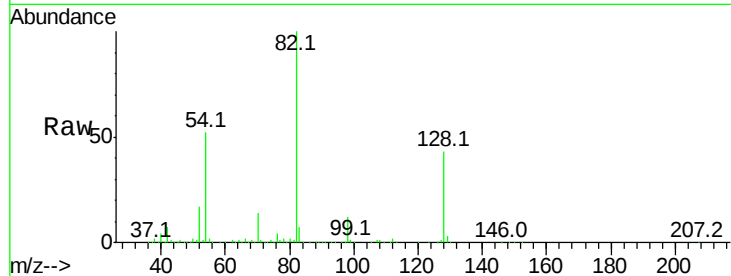
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:	82	Resp:	759344
Ion Ratio	Lower	Upper	
82	100		
128	42.9	40.6	61.0
54	51.8	38.1	57.1

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#24

Nitrobenzene

Concen: 32.98 ng

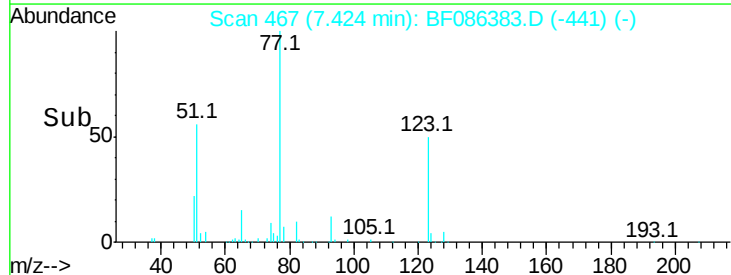
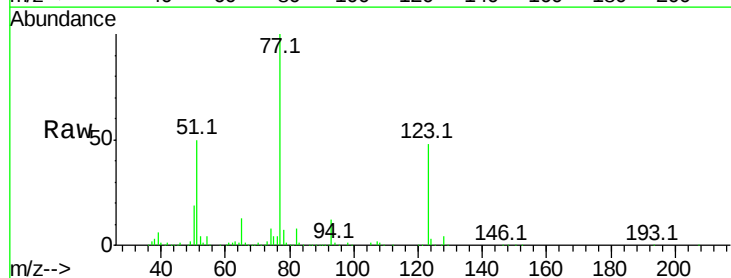
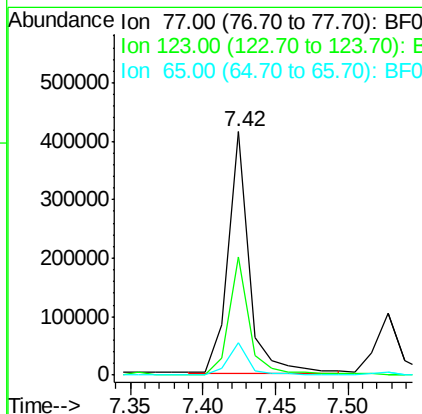
RT: 7.42 min Scan# 467

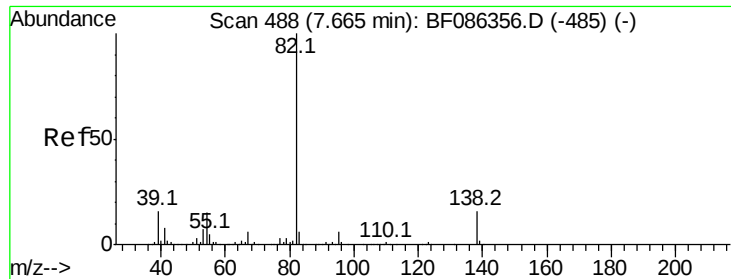
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	77	Resp:	421578
Ion Ratio	Lower	Upper	
77	100		
123	48.5	33.0	49.4
65	13.1	10.8	16.2





#25

Isophorone

Concen: 32.00 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

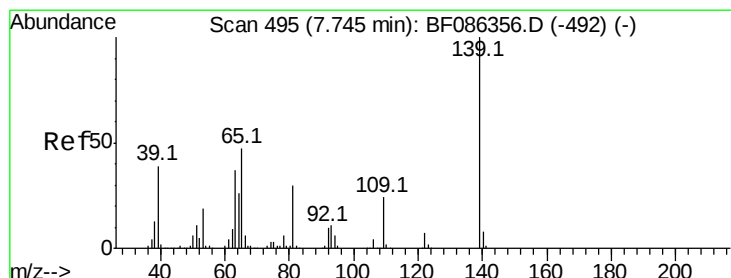
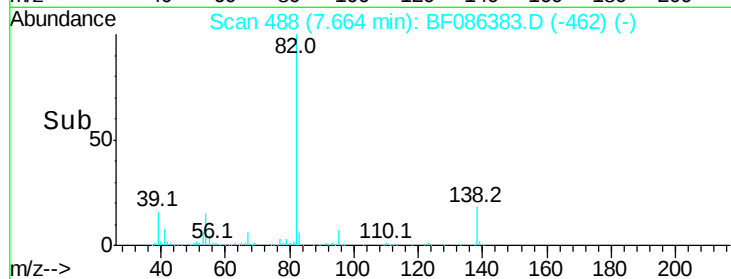
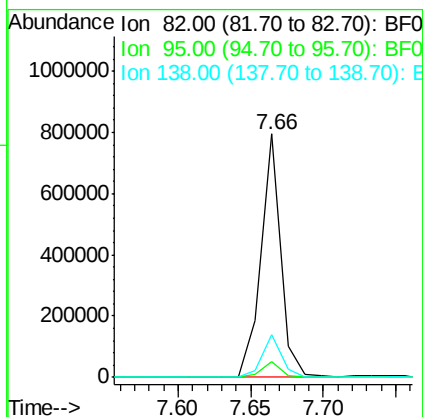
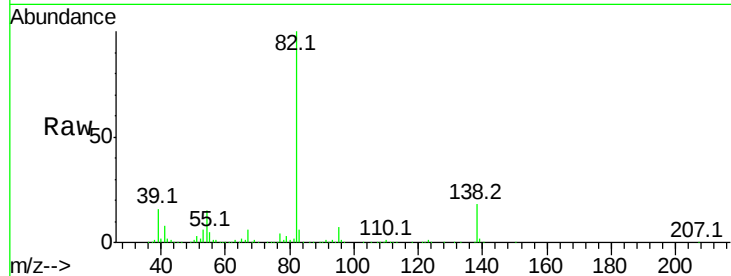
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:	82	Resp:	747435
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.1	7.7
138	17.6	12.4	18.6

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#26

2-Nitrophenol

Concen: 36.23 ng

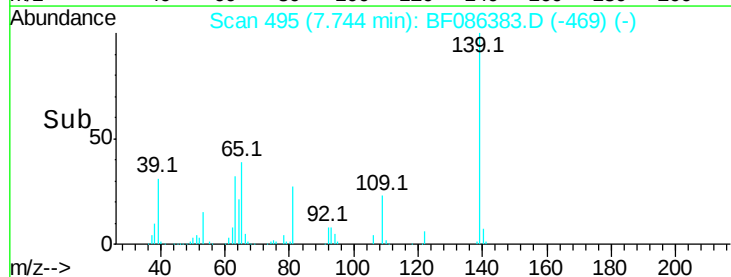
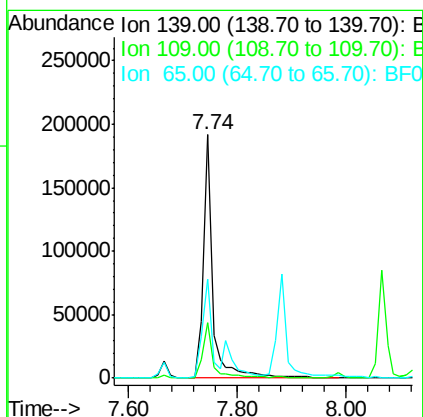
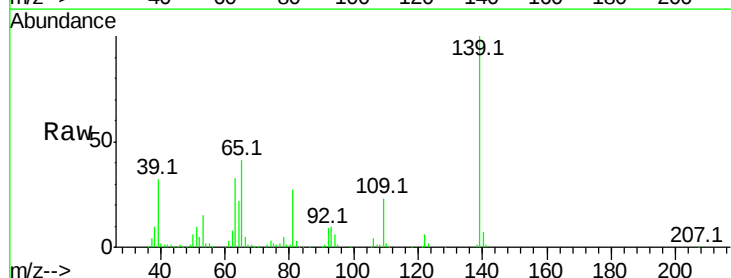
RT: 7.74 min Scan# 495

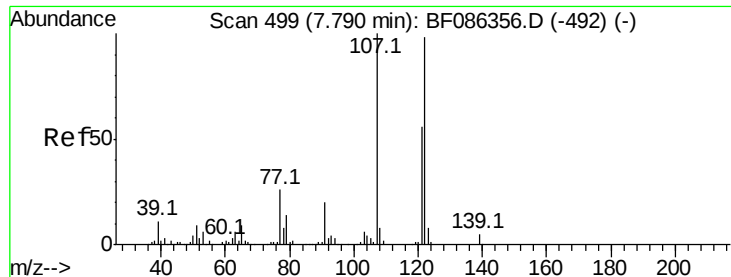
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	139	Resp:	228805
Ion Ratio	Lower	Upper	
139	100		
109	23.0	19.5	29.3
65	40.9	37.5	56.3





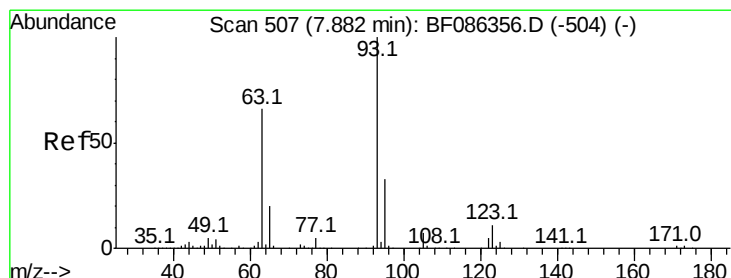
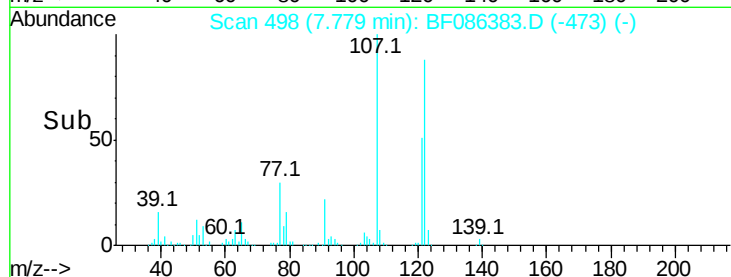
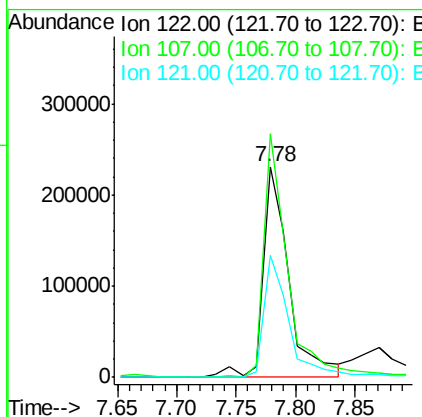
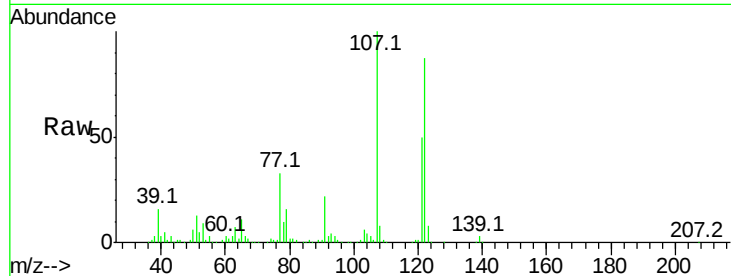
#27
 2,4-Dimethylphenol
 Concen: 32.27 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	348989		
107	115.5	82.0	123.0	
121	57.9	46.1	69.1	

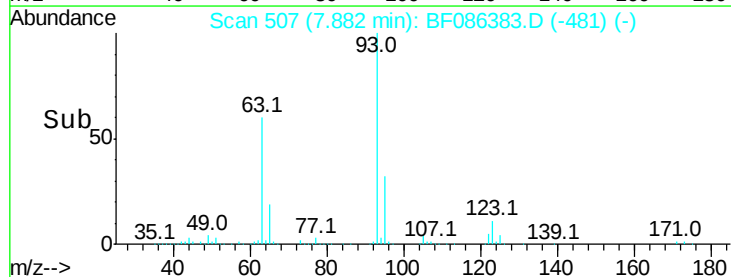
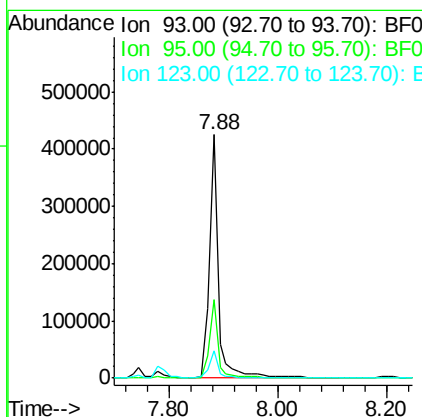
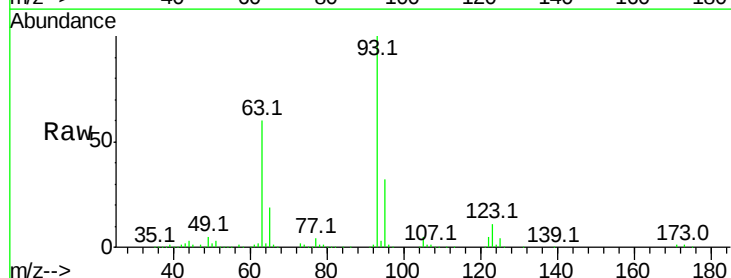
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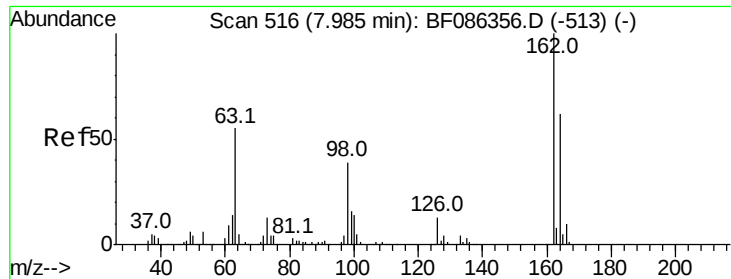
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.79 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	479680		
95	32.1	26.0	39.0	
123	11.3	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 39.60 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

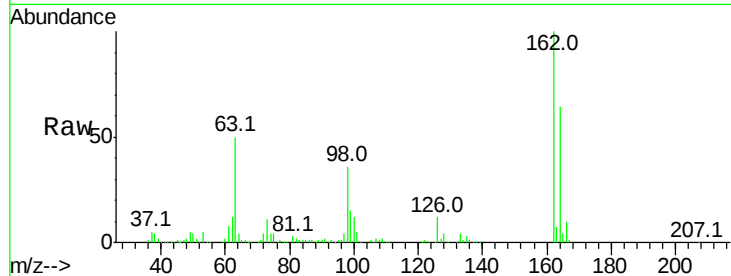
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

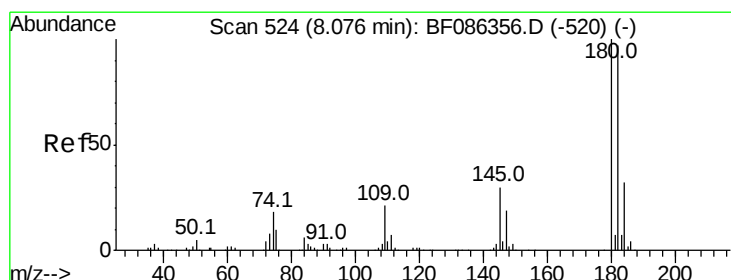
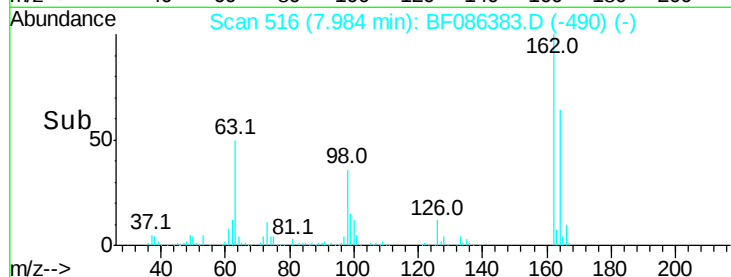
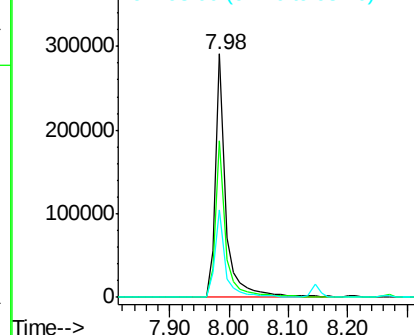
Tot Ion:	162	Resp:	353997
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.2	82.2
98	36.2	19.0	59.0

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



#30

1,2,4-Trichlorobenzene

Concen: 35.62 ng

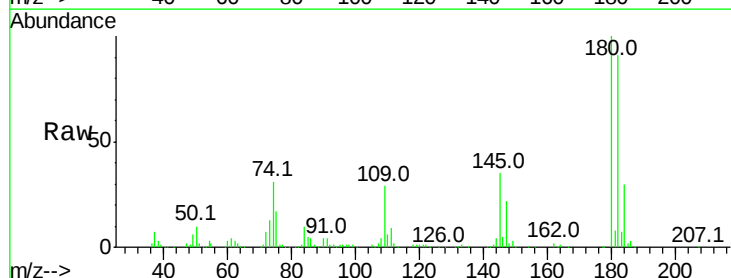
RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

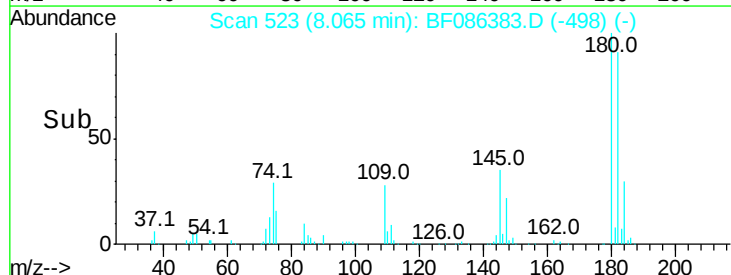
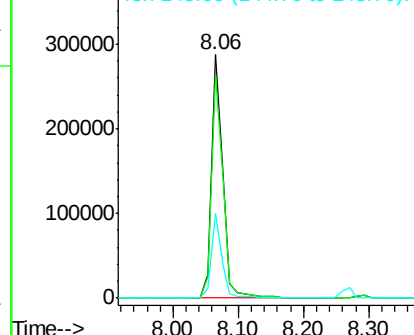
Lab File: BF086383.D

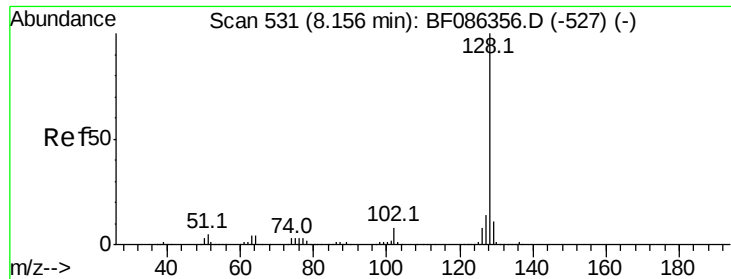
Acq: 23 Apr 2016 11:11

Tgt Ion:	180	Resp:	345876
Ion Ratio	Lower	Upper	
180	100		
182	91.5	78.0	117.0
145	34.9	24.2	36.2



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





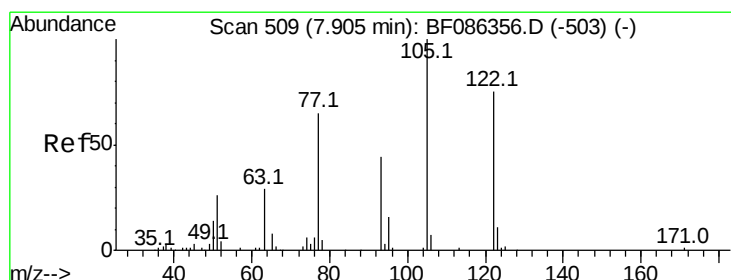
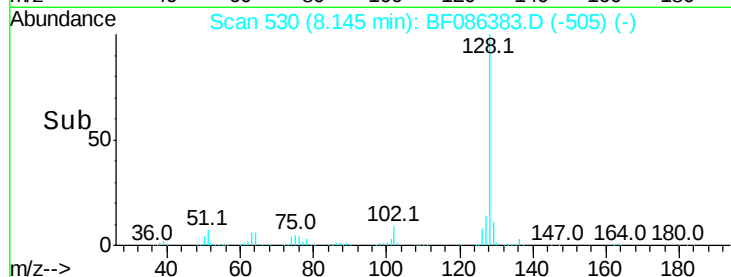
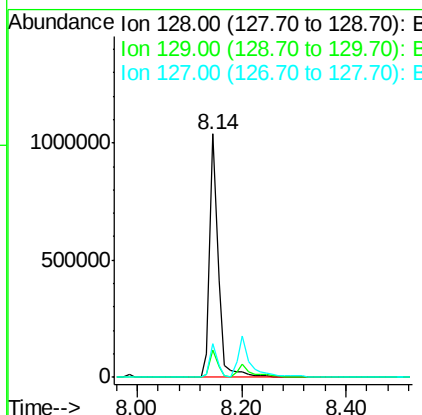
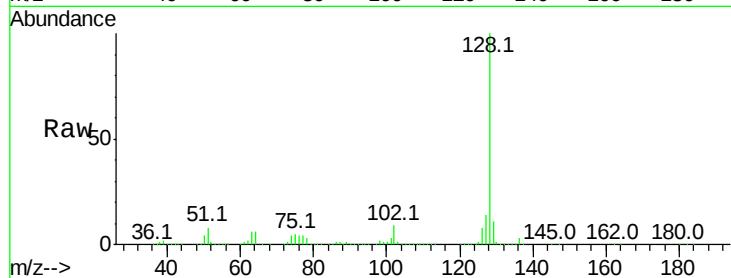
#31
Naphthalene
Concen: 33.37 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.6	10.8	16.2

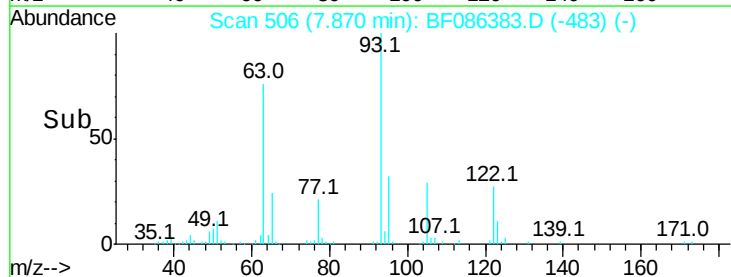
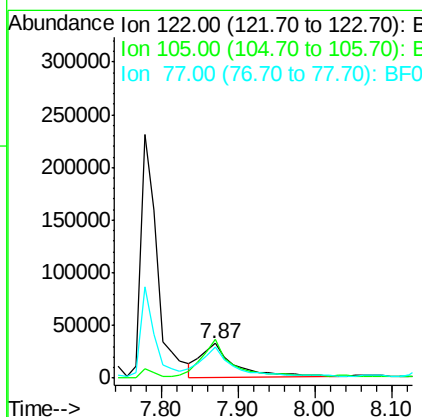
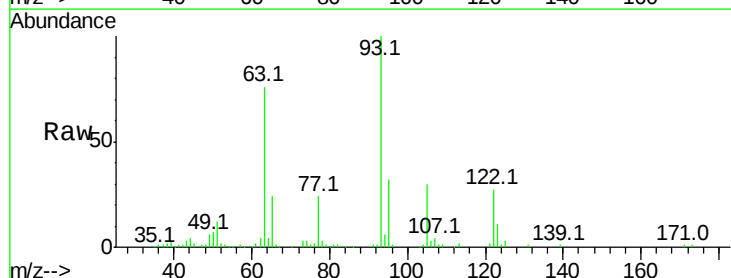
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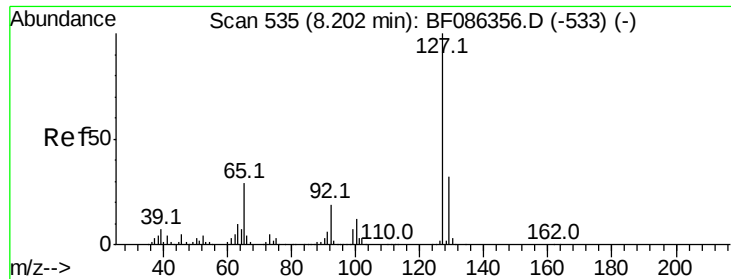
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#32
Benzoic acid
Concen: 13.77 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.0	92.6	132.6
77	89.6	60.0	100.0





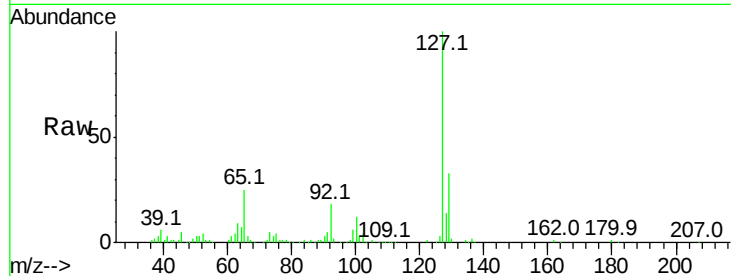
#33
 4-Chloroaniline
 Concen: 21.31 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

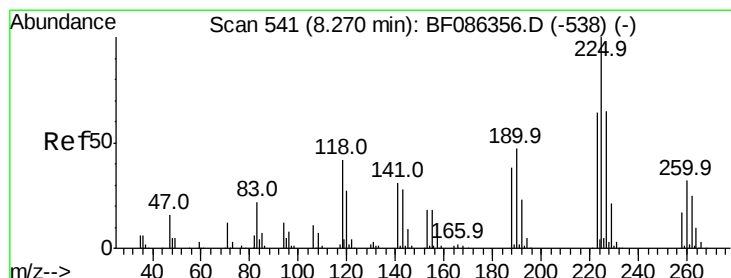
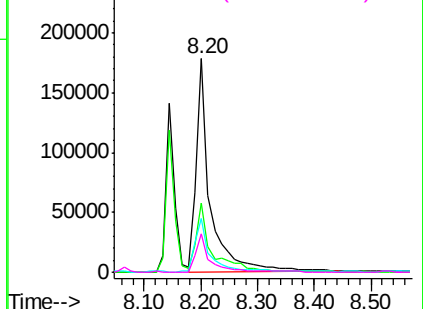
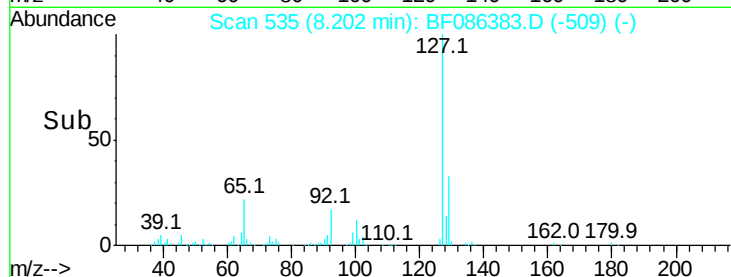
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	26.2	39.4
65	25.1	23.0	34.4
92	17.7	15.1	22.7

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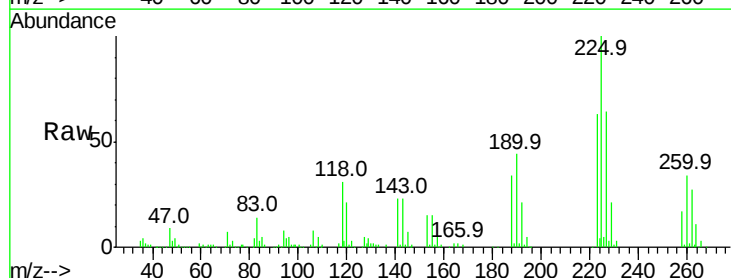


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

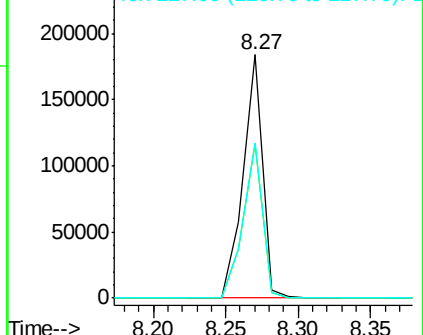
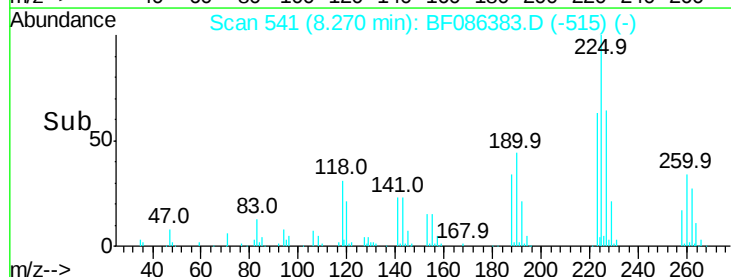


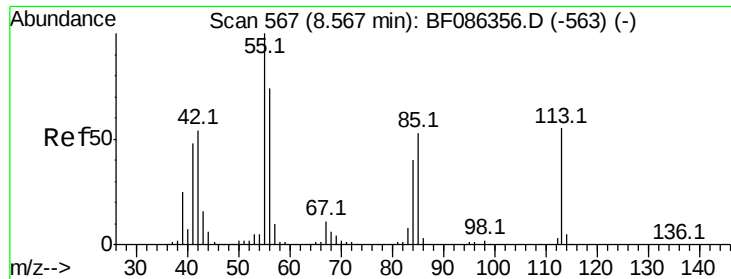
#34
 Hexachlorobutadiene
 Concen: 35.36 ng
 RT: 8.27 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.4	51.5	77.3
227	64.0	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





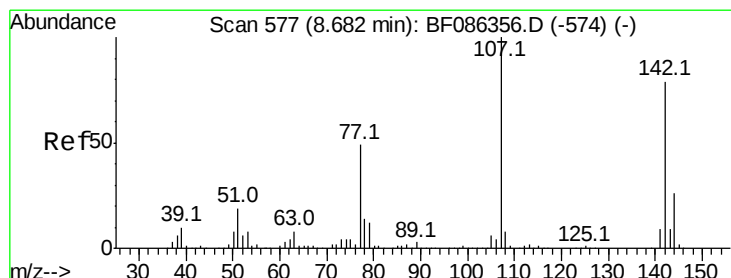
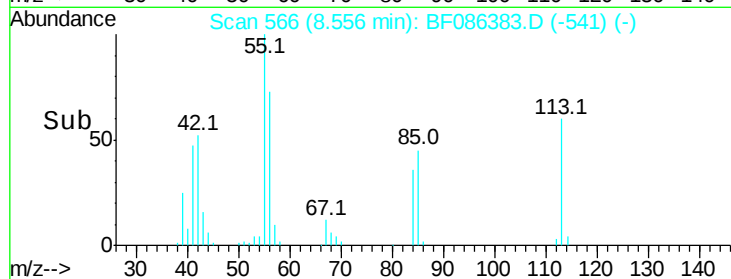
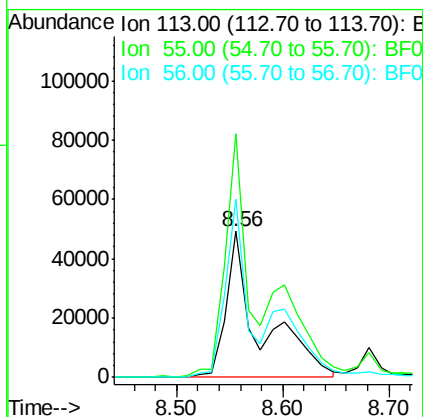
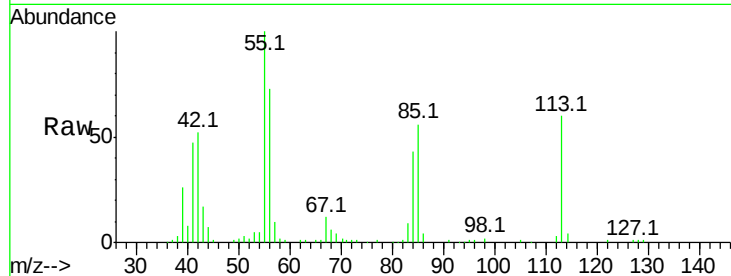
#35
 Caprolactam
 Concen: 34.06 ng/ml
 RT: 8.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.7	162.0	202.0
56	121.8	115.3	155.3

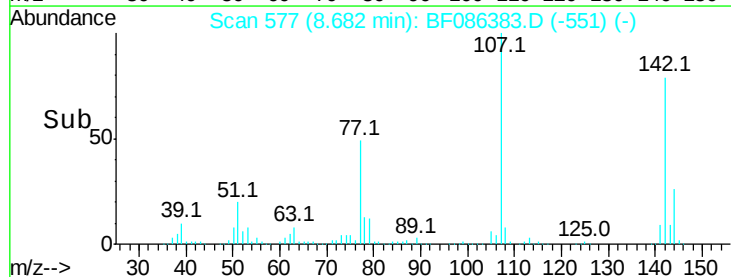
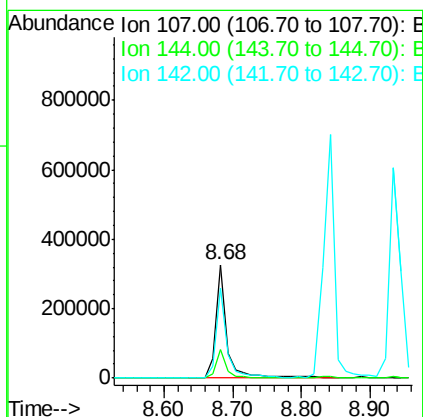
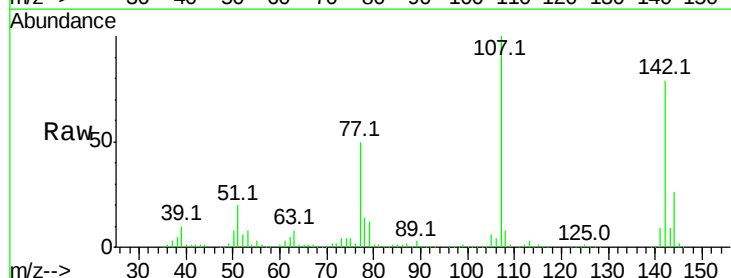
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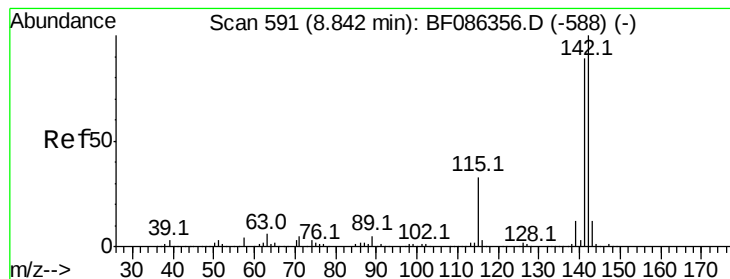
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#36
 4-Chloro-3-methylphenol
 Concen: 35.14 ng/ml
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.7	31.1
142	79.4	63.2	94.8





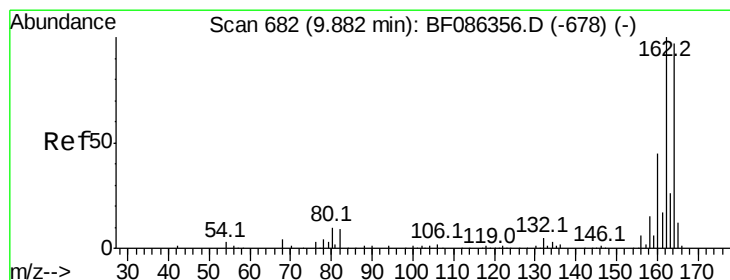
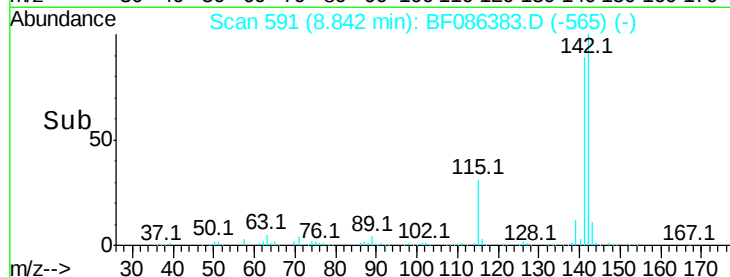
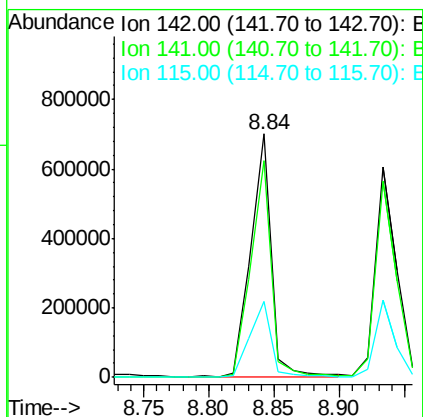
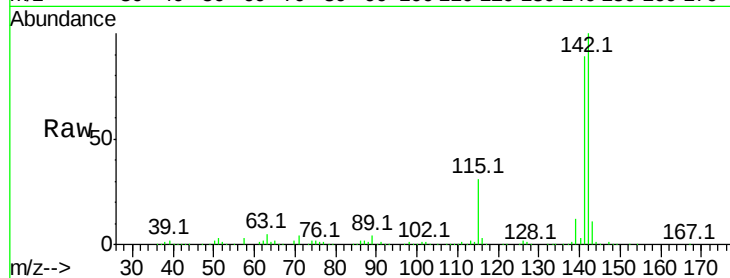
#37
2-Methylnaphthalene
Concen: 37.39 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	775395		
141	89.0		71.0	106.6
115	31.2		26.6	39.8

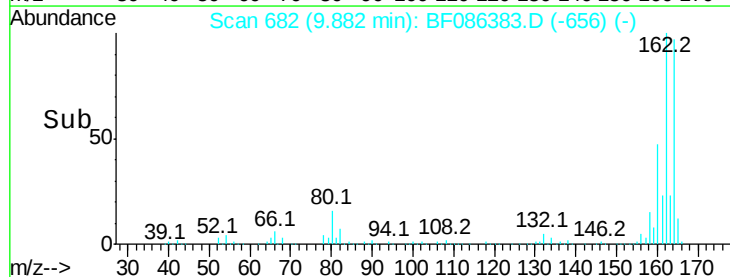
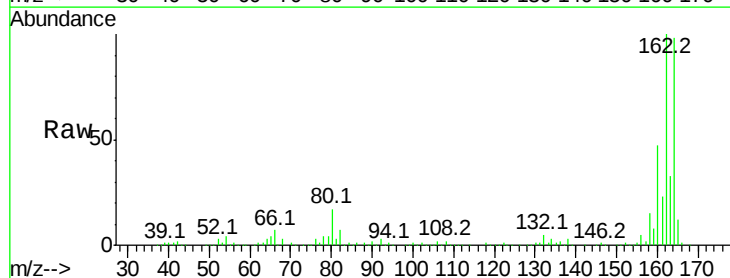
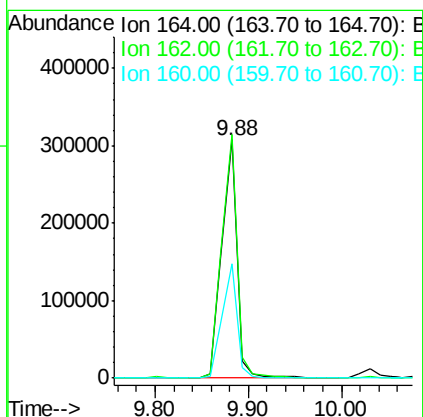
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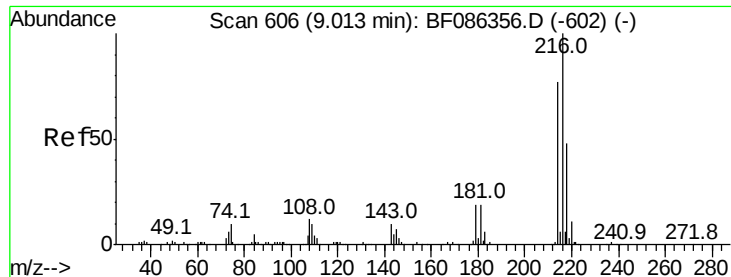
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	348543		
162	102.1		82.8	124.2
160	47.8		36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.61 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

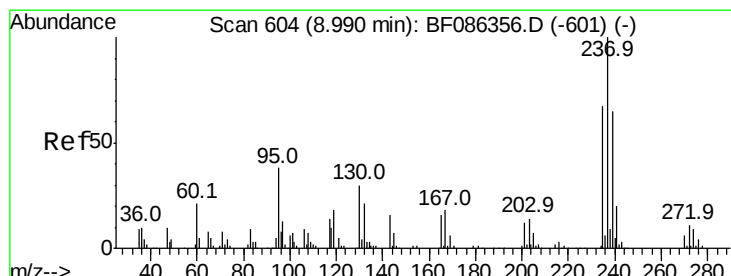
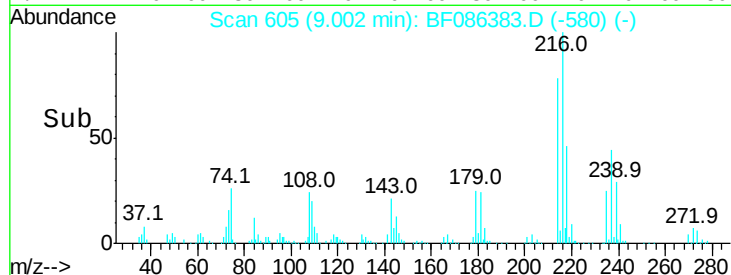
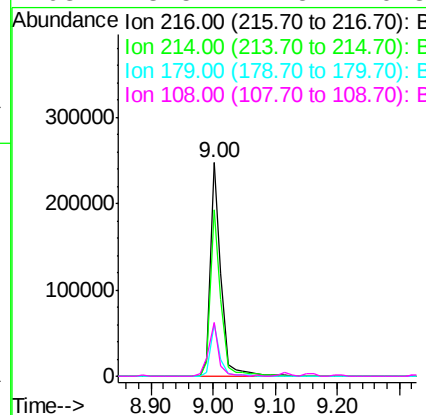
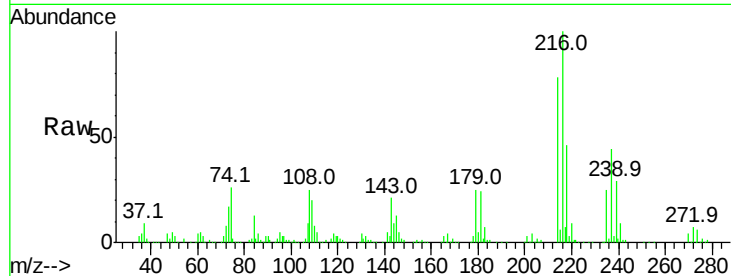
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.3	62.6	93.8		
179	22.2	18.2	27.4		
108	23.5	17.5	26.3		



#40

Hexachlorocyclopentadiene

Concen: 69.13 ng

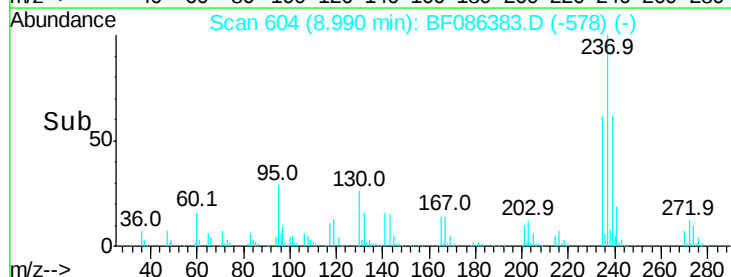
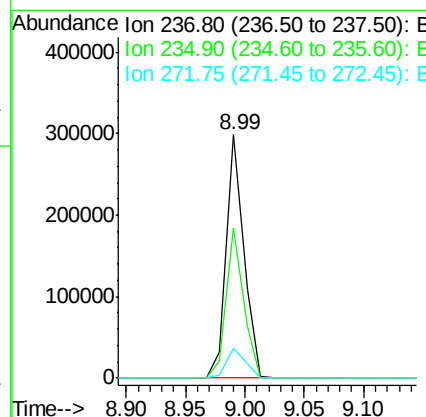
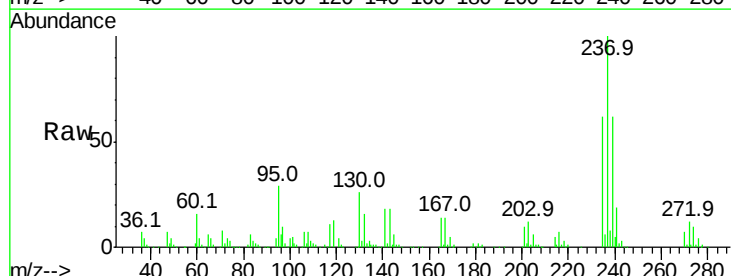
RT: 8.99 min Scan# 604

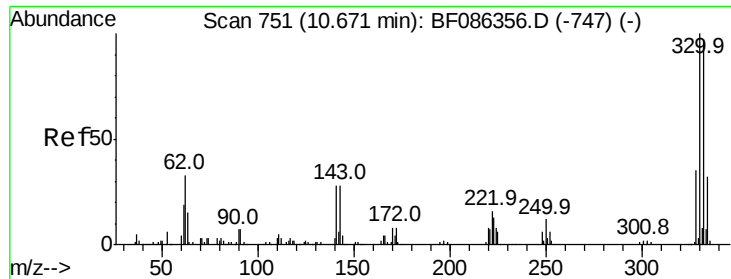
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.7	47.2	87.2		
272	12.0	0.0	31.1		





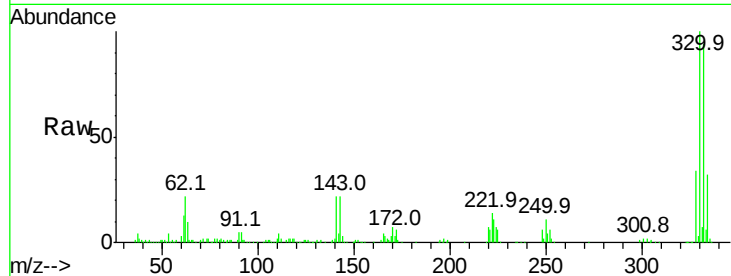
#41
 2,4,6-Tribromophenol
 Concen: 103.87 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

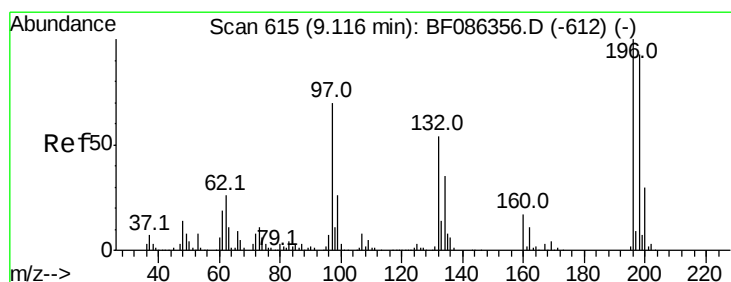
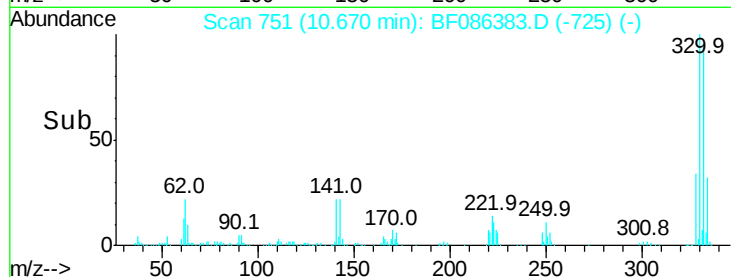
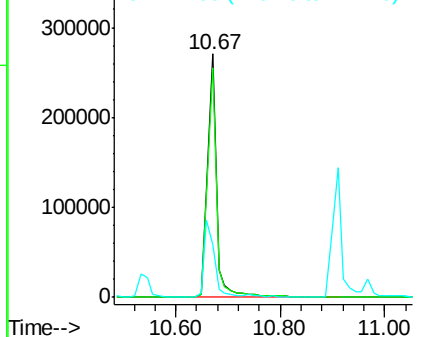
Tot Ion	Ratio	Resp	Lower	Upper
330	100	327714		
332	95.1	79.0	118.4	
141	34.7	31.2	46.8	

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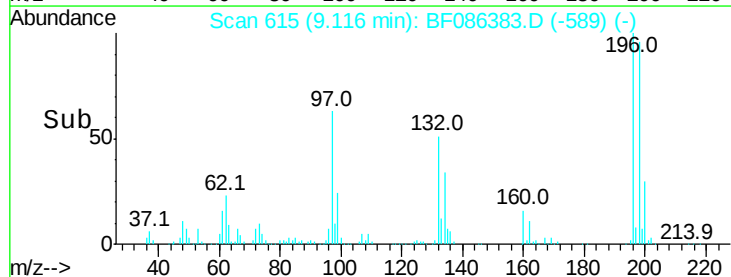
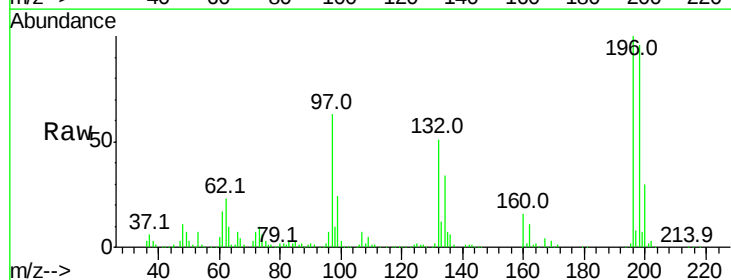
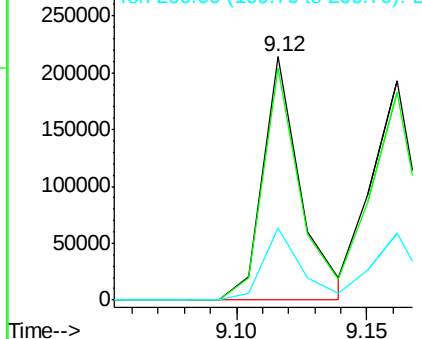
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

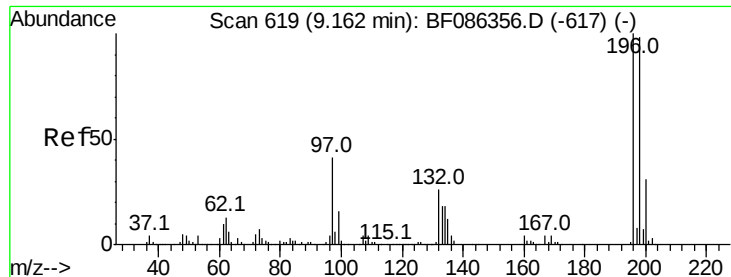


#42
 2,4,6-Trichlorophenol
 Concen: 36.56 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216192		
198	95.6	74.7	112.1	
200	29.7	23.8	35.6	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





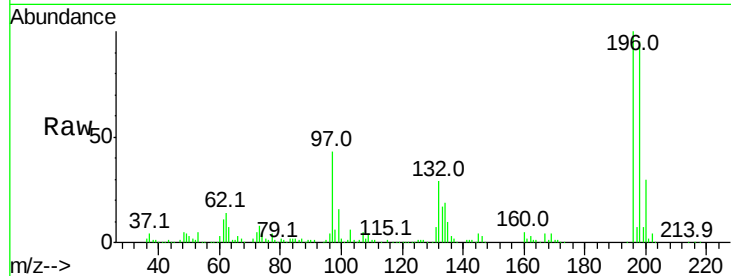
#43
 2,4,5-Trichlorophenol
 Concen: 34.12 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

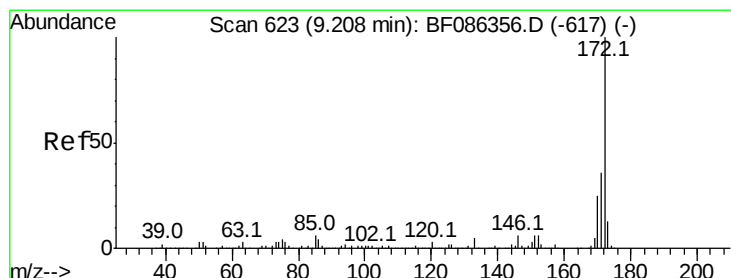
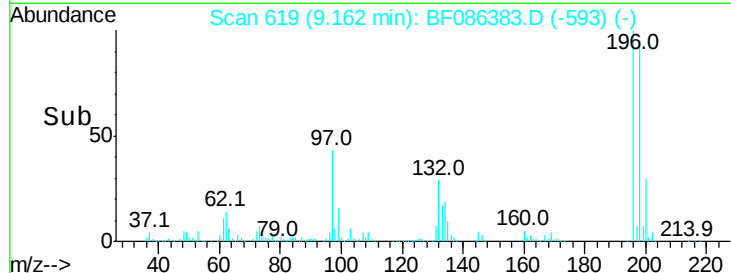
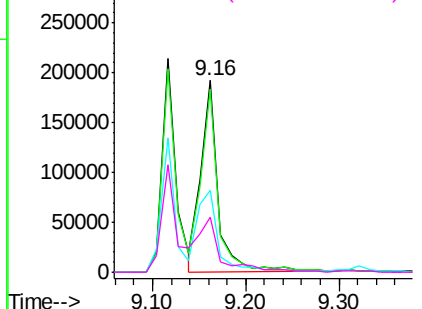
Tot Ion	196	Resp	248411
Ion Ratio	Lower	Upper	
196	100		
198	95.2	77.5	116.3
97	42.9	34.8	52.2
132	28.9	23.0	34.4

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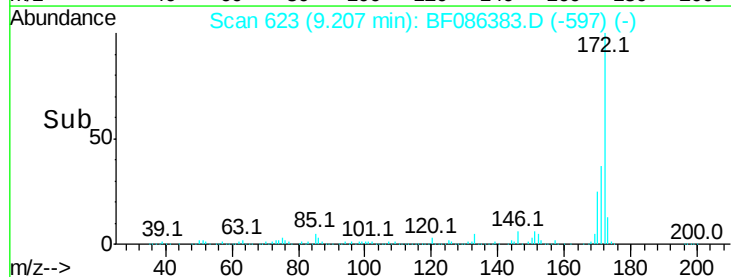
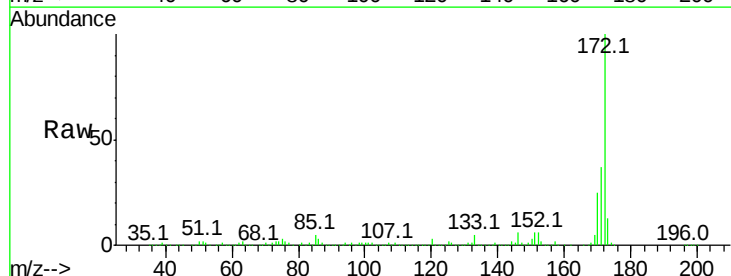
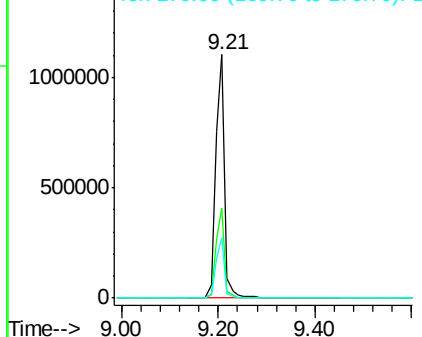
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

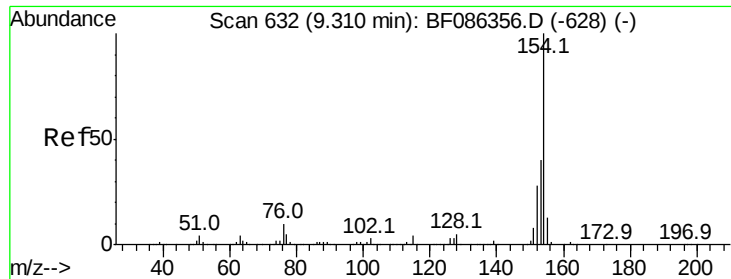


#44
 2-Fluorobiphenyl
 Concen: 70.90 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion	172	Resp	1448103
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.0	43.6
170	24.8	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.39 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

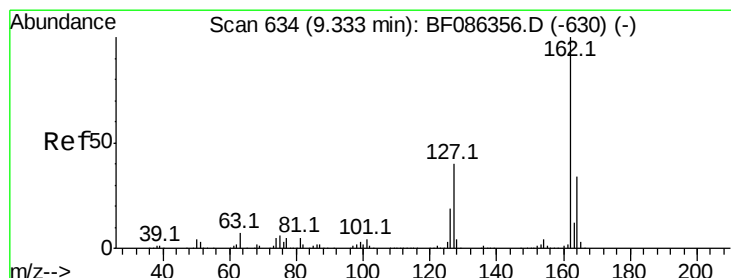
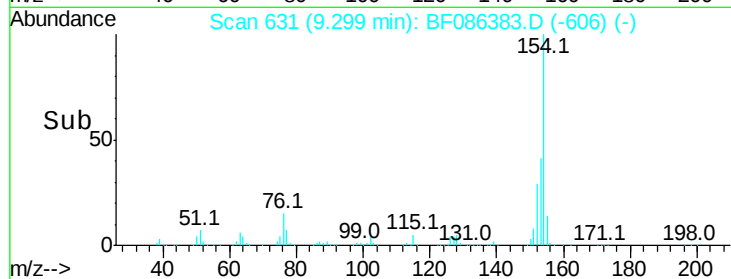
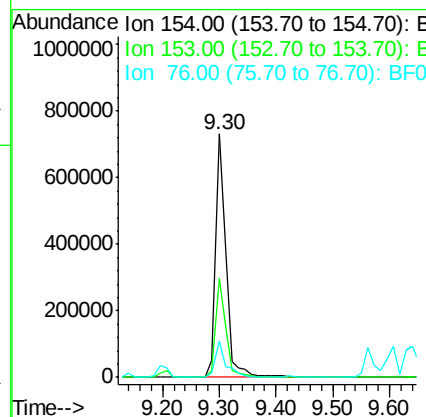
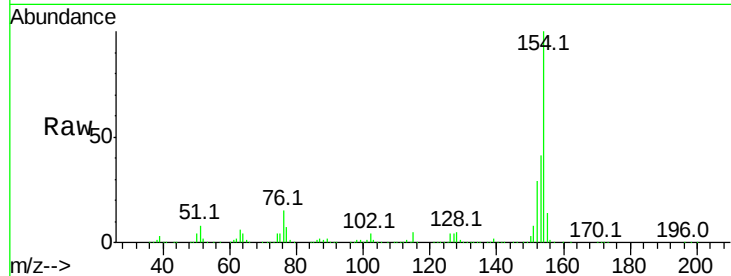
ClientSampleId :

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Tot Ion:	154	Resp:	902943
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.3	60.3
76	14.9	0.0	30.2

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#46

2-Chloronaphthalene

Concen: 33.32 ng

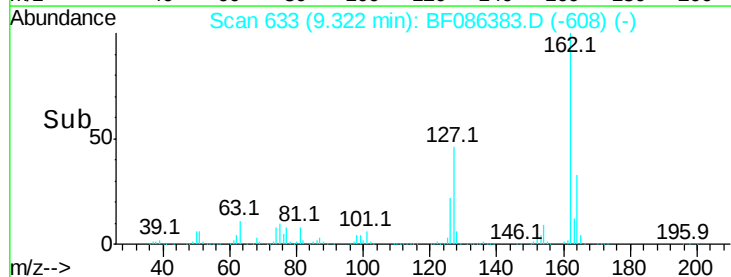
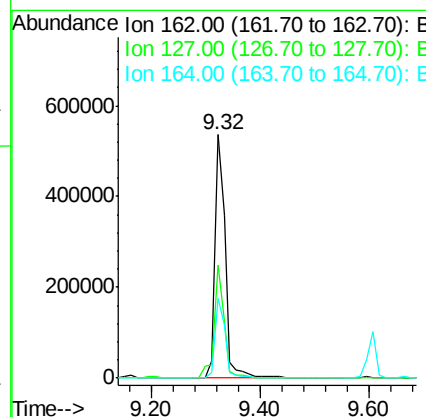
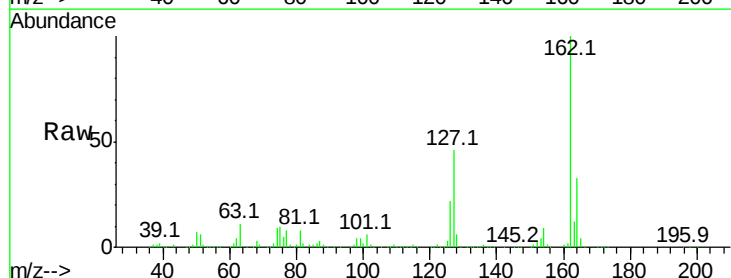
RT: 9.32 min Scan# 633

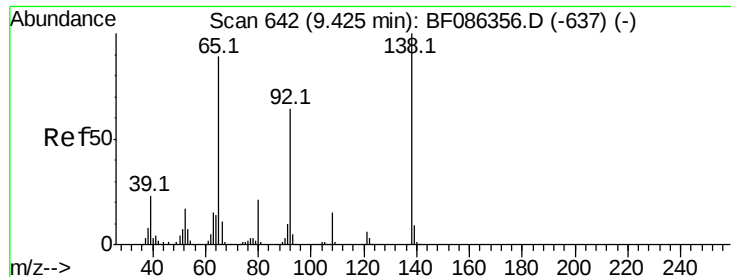
Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	162	Resp:	713157
Ion Ratio	Lower	Upper	
162	100		
127	46.4	31.8	47.6
164	32.6	27.0	40.6





#47

2-Nitroaniline

Concen: 35.53 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

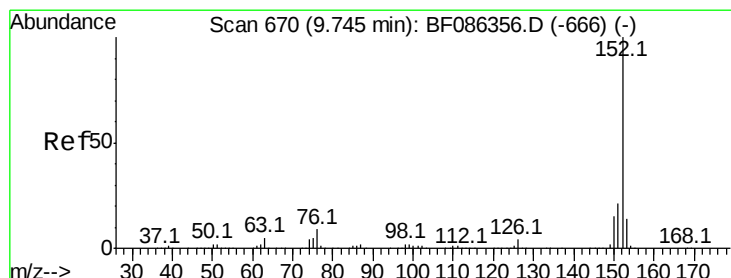
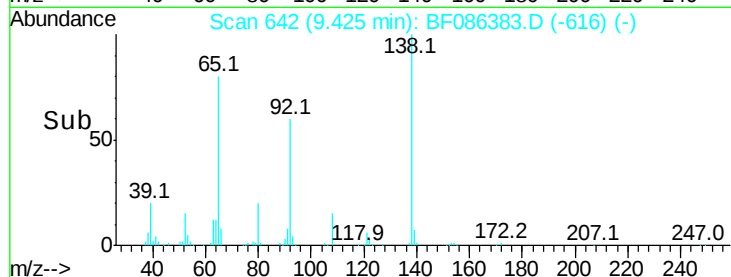
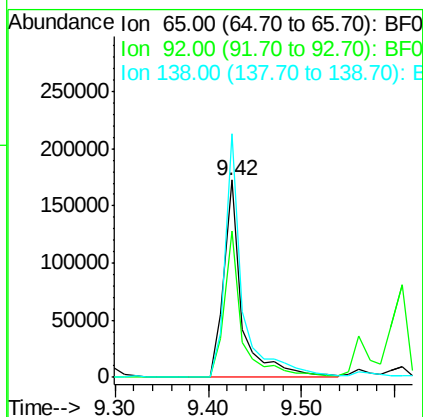
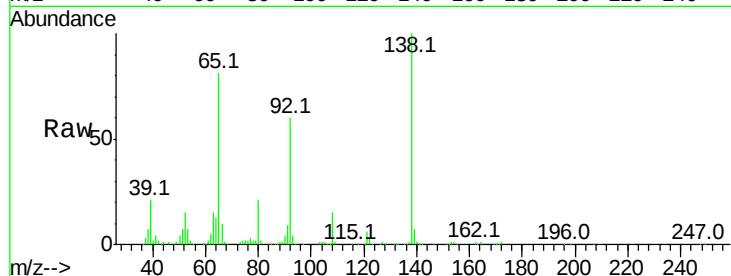
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:	65	Resp:	236787
Ion Ratio	Lower	Upper	
65	100		
92	74.1	57.4	86.2
138	123.5	90.1	135.1

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#48

Acenaphthylene

Concen: 33.65 ng

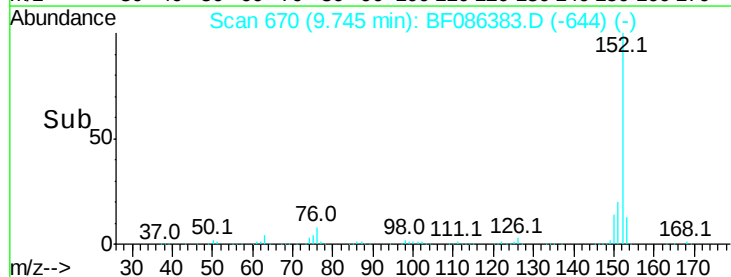
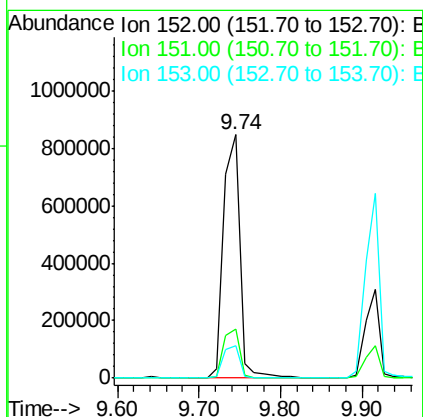
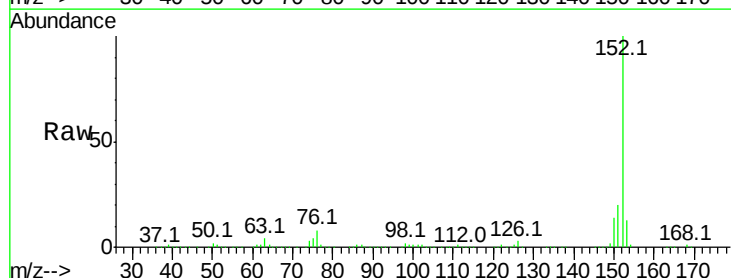
RT: 9.74 min Scan# 670

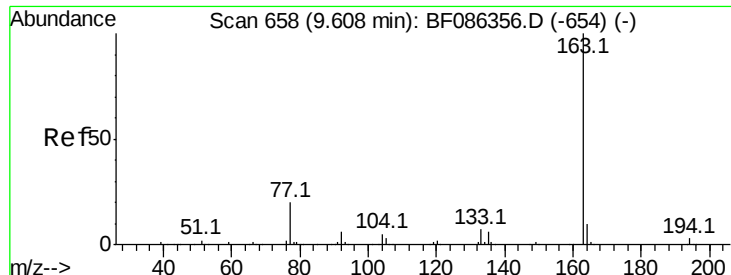
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	152	Resp:	1167568
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.8	25.2
153	13.2	10.9	16.3





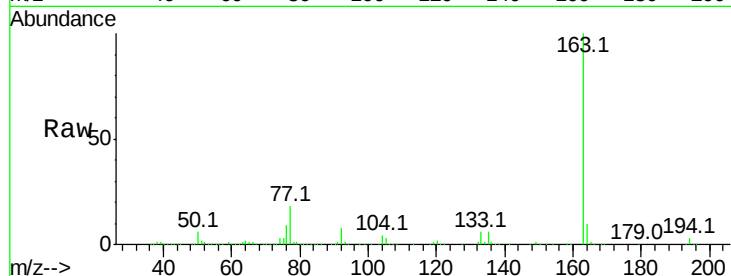
#49
Dimethylphthalate
Concen: 41.51 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

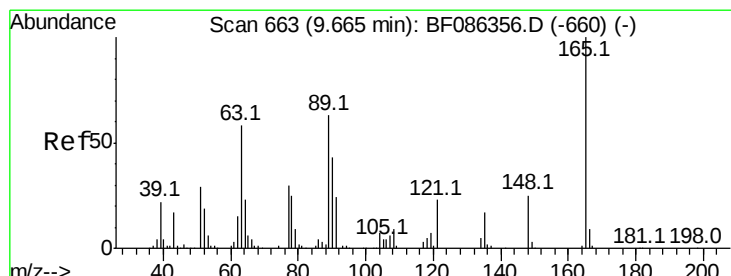
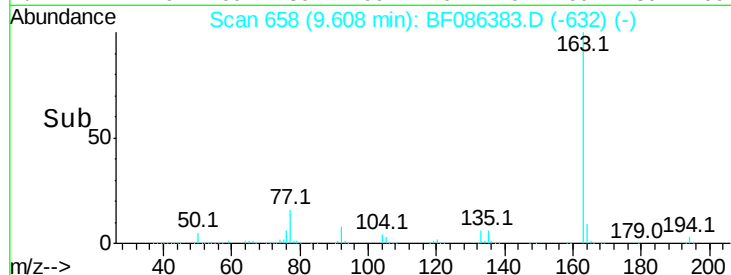
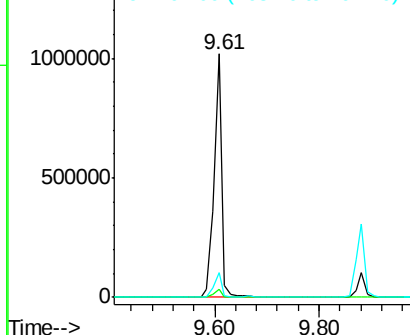
Tot Ion:163 Resp: 1045200
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.2 12.4

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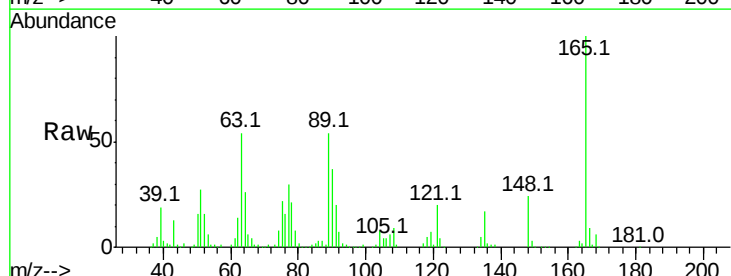


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

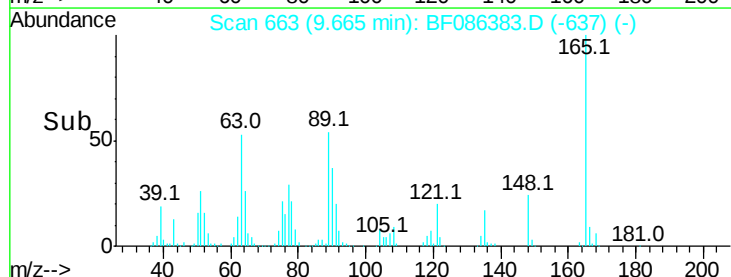
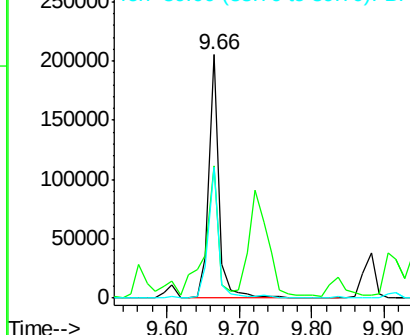


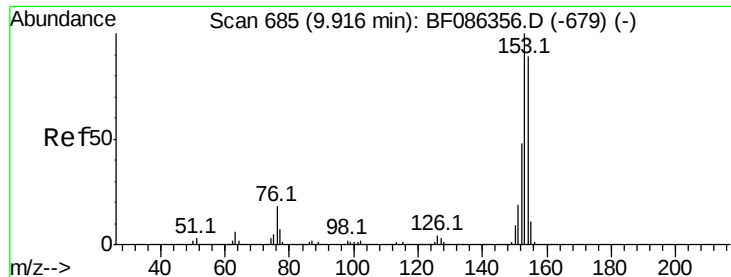
#50
2,6-Dinitrotoluene
Concen: 36.78 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion:165 Resp: 200042
Ion Ratio Lower Upper
165 100
63 54.2 51.8 77.8
89 53.8 50.7 76.1



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





#51

Acenaphthene

Concen: 35.01 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

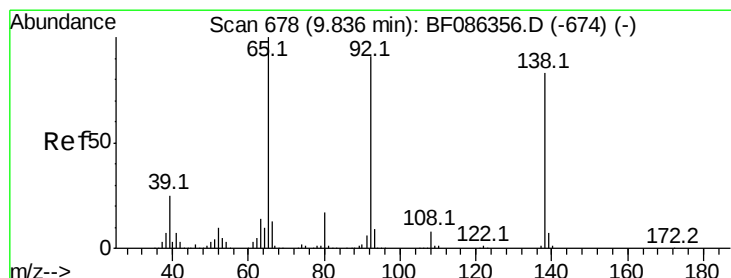
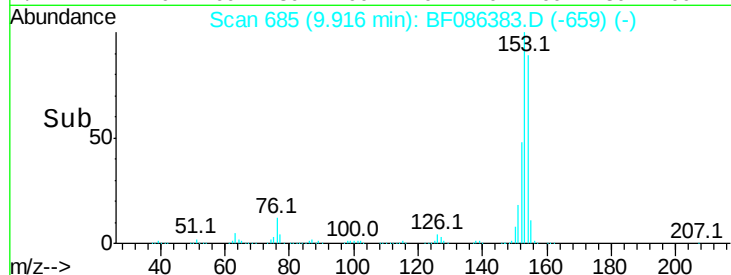
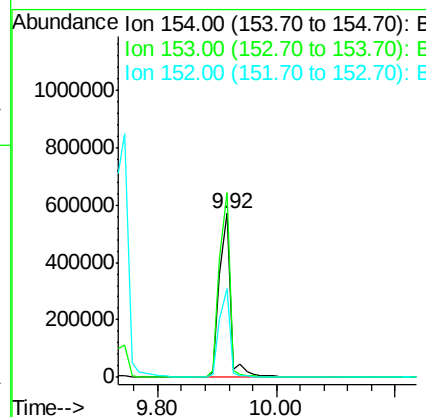
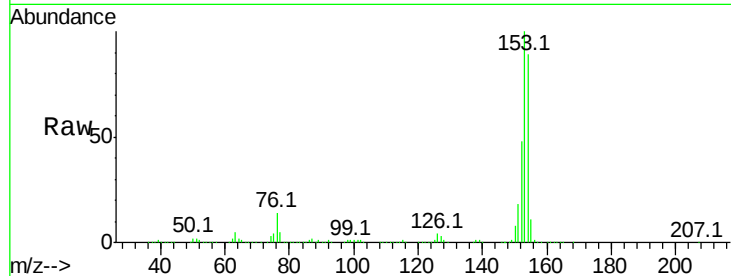
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:154	Resp:	746459
Ion Ratio	Lower	Upper
154	100	
153	112.3	89.8 134.6
152	54.1	43.4 65.0

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#52

3-Nitroaniline

Concen: 28.27 ng

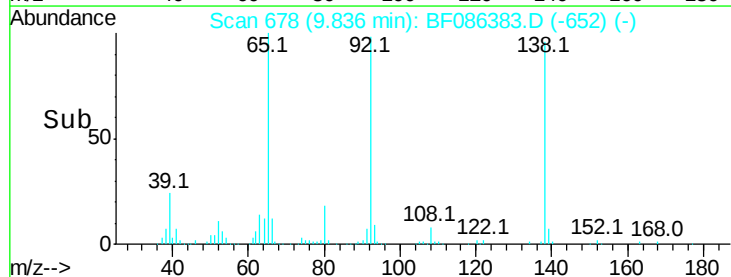
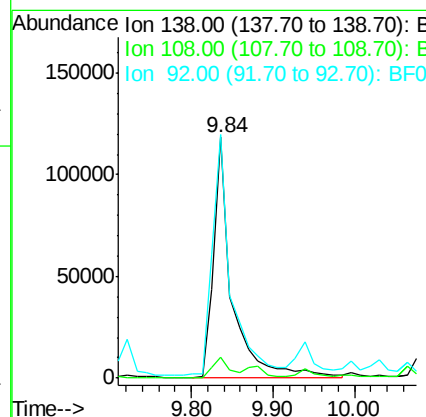
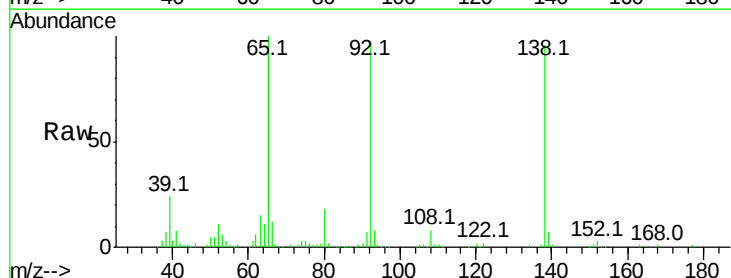
RT: 9.84 min Scan# 678

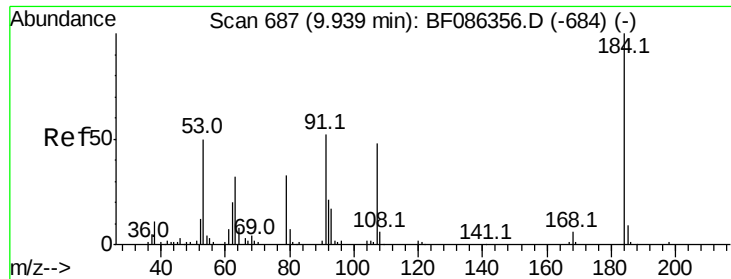
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:138	Resp:	192501
Ion Ratio	Lower	Upper
138	100	
108	8.8	7.8 11.6
92	101.0	87.8 131.8





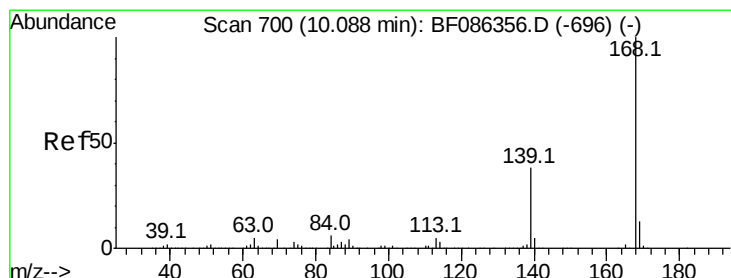
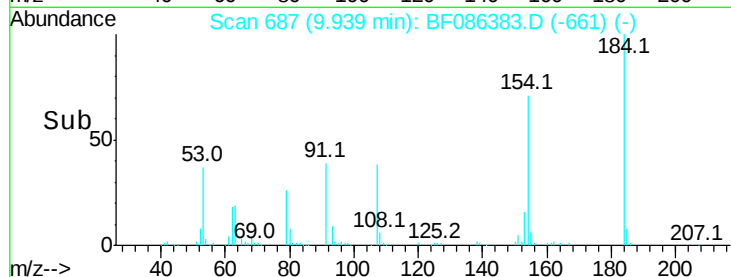
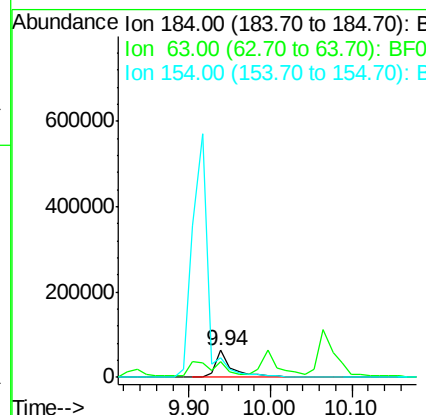
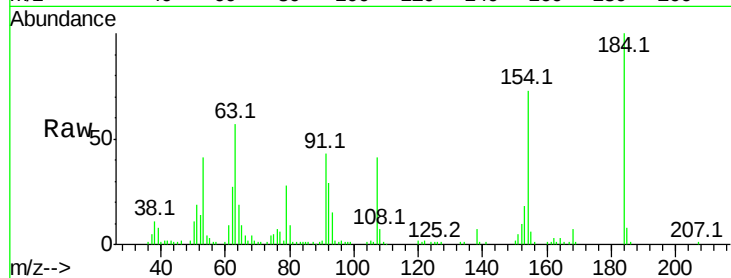
#53
2,4-Dinitrophenol
Concen: 33.78 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.8	55.8	83.8	
154	72.8	62.4	93.6	

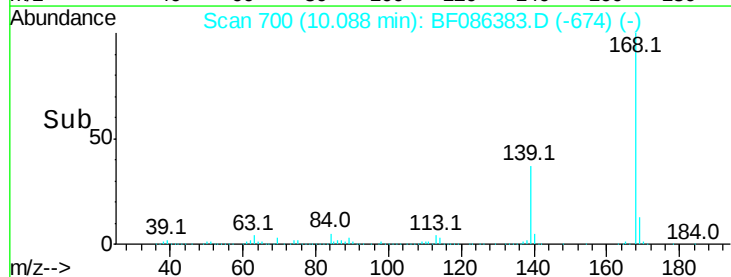
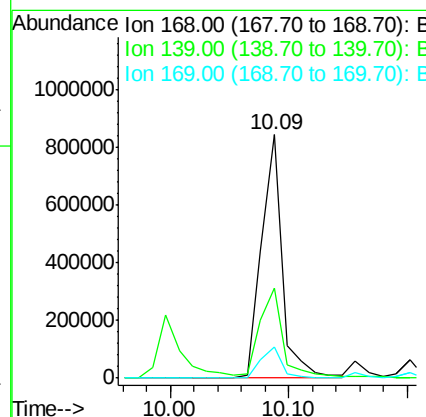
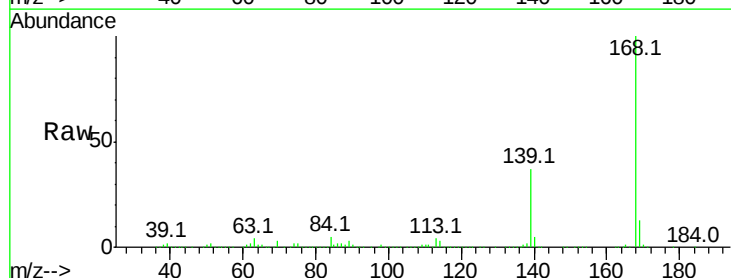
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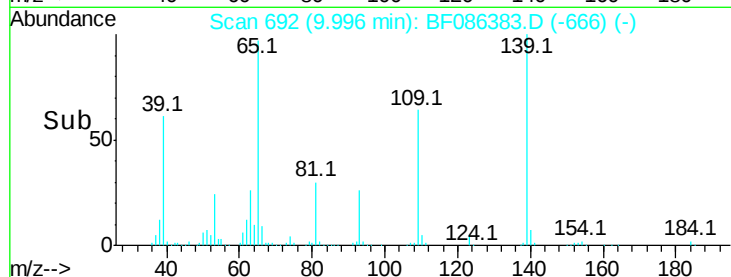
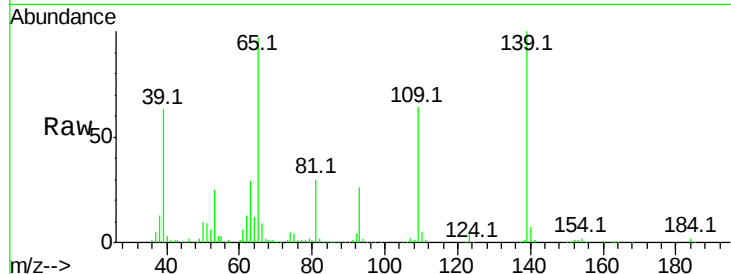
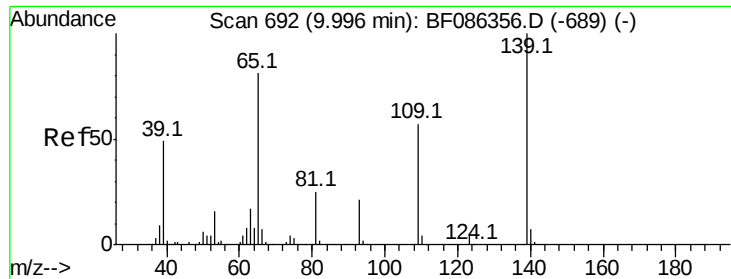
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#54
Dibenzofuran
Concen: 37.72 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.8	31.4	47.0	
169	13.0	10.7	16.1	





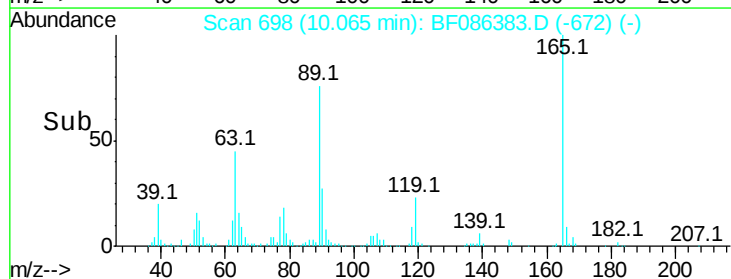
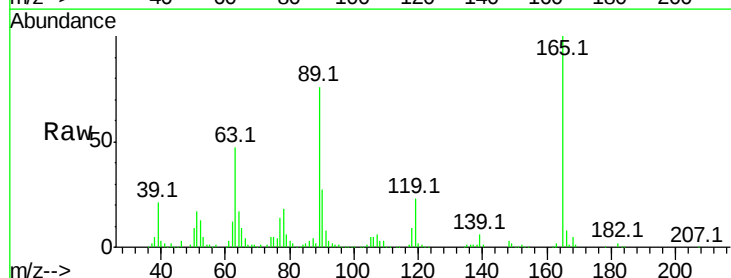
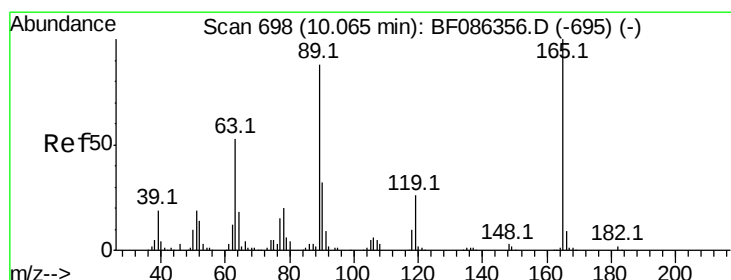
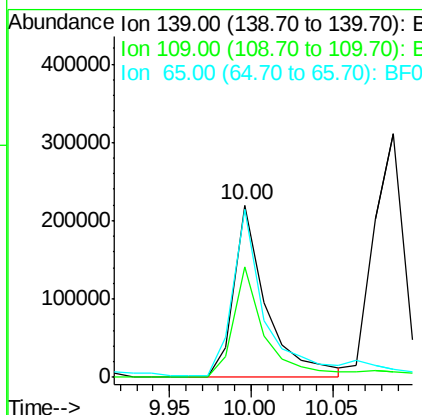
#55
4-Nitrophenol
Concen: 64.46 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tot Ion	Ratio	Resp	Lower	Upper
139	100	307147		
109	63.9	36.9	76.9	
65	97.4	64.0	104.0	

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

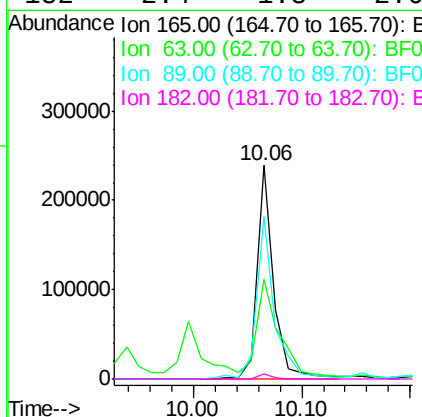
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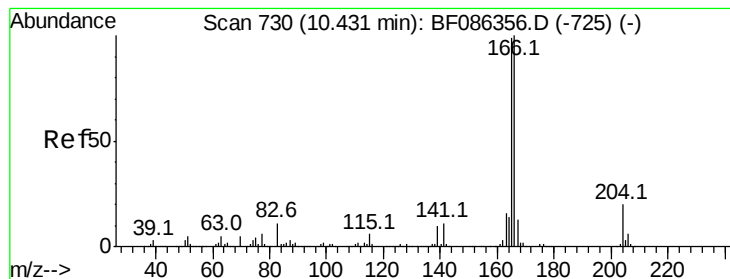
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#56
2,4-Dinitrotoluene
Concen: 35.05 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	253134		
63	46.6	44.3	66.5	
89	76.0	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 33.36 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

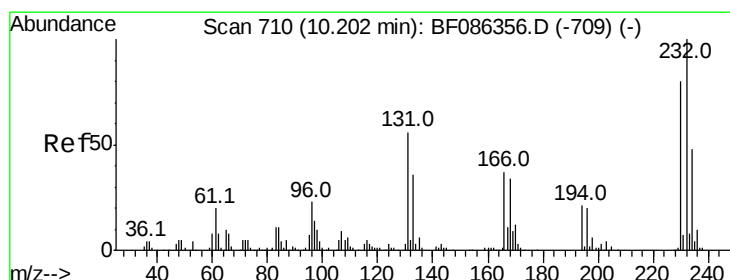
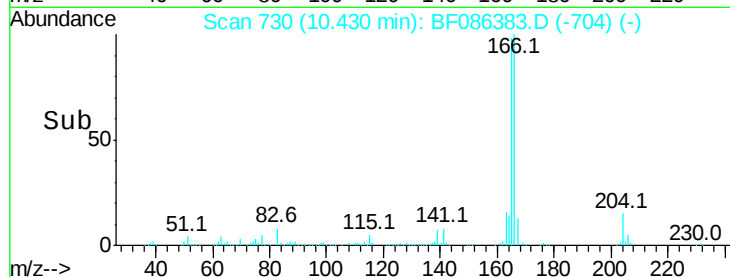
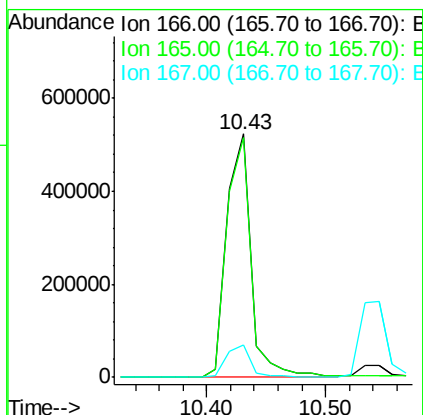
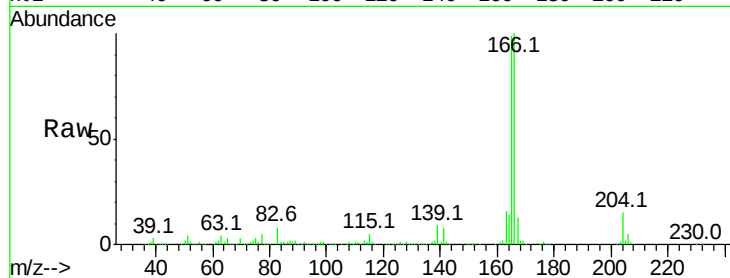
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

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Tot Ion:	166	Resp:	748366
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.0	118.6
167	13.2	10.6	15.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.06 ng

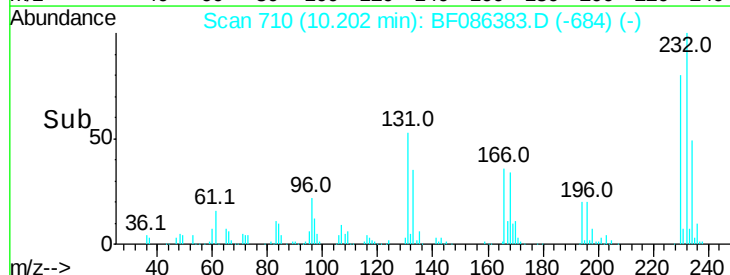
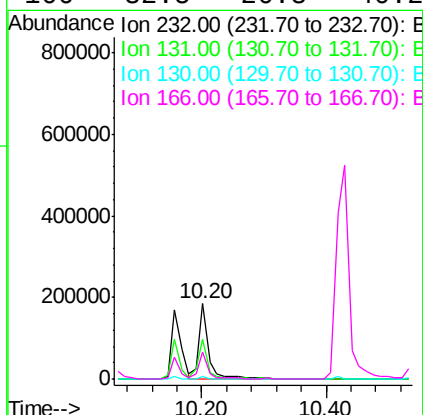
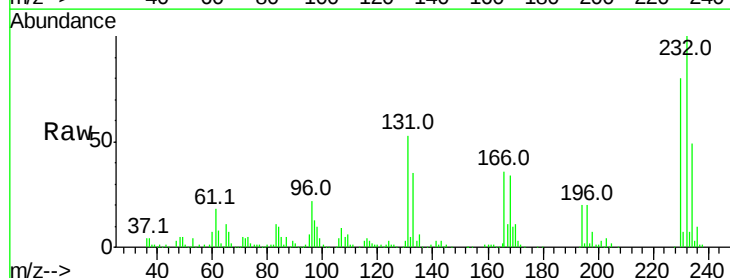
RT: 10.20 min Scan# 710

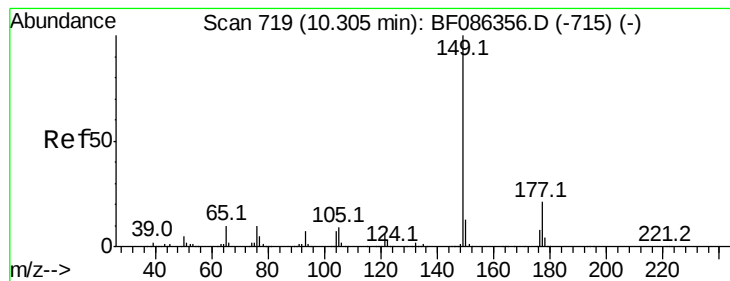
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	232	Resp:	202511
Ion Ratio	Lower	Upper	
232	100		
131	52.5	41.9	62.9
130	2.7	2.2	3.4
166	32.5	26.8	40.2





#59

Diethylphthalate

Concen: 34.67 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

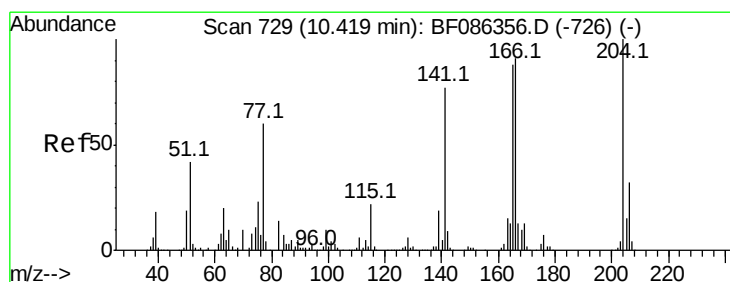
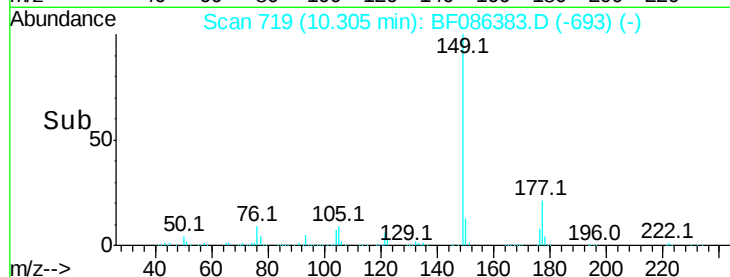
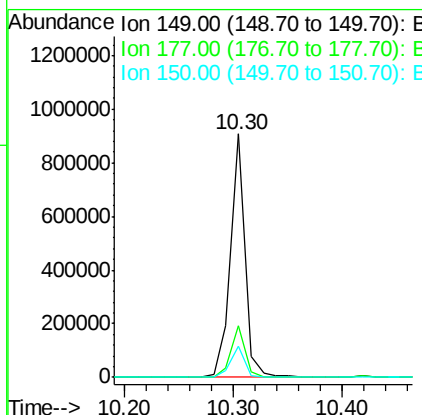
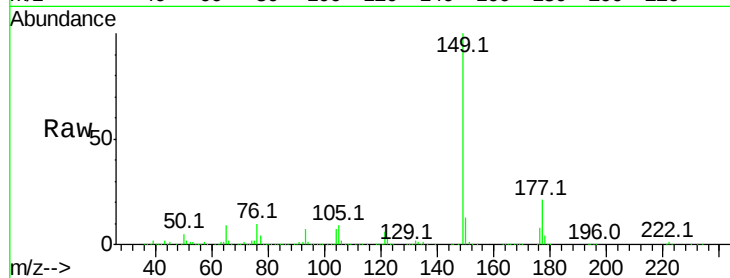
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:	149	Resp:	835890
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.6	24.8
150	12.7	10.0	15.0

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#60

4-Chlorophenyl-phenylether

Concen: 34.19 ng

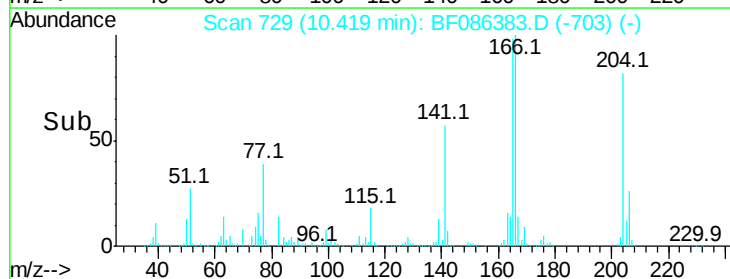
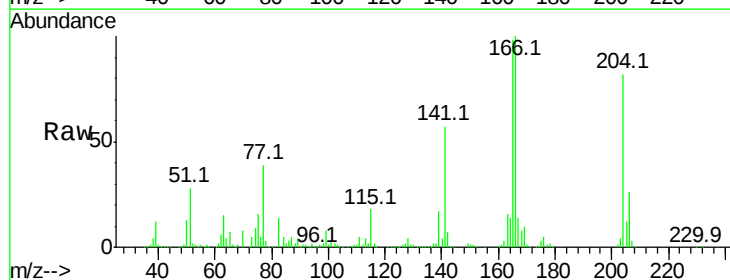
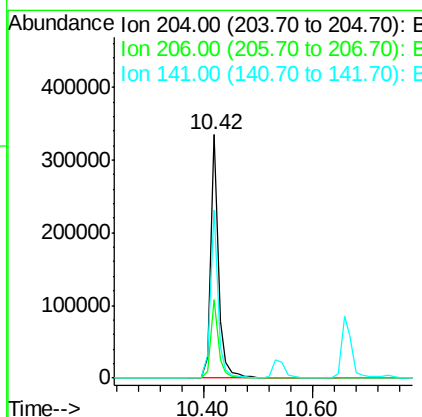
RT: 10.42 min Scan# 729

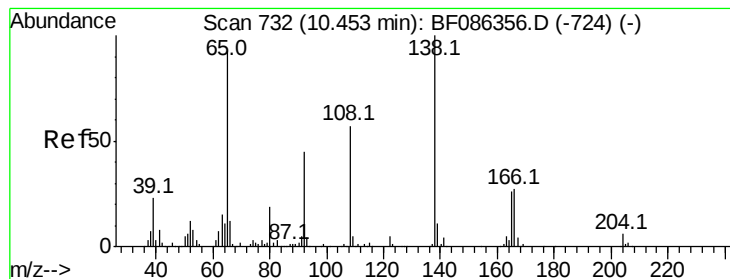
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	204	Resp:	335424
Ion Ratio	Lower	Upper	
204	100		
206	32.0	25.4	38.0
141	69.1	61.6	92.4





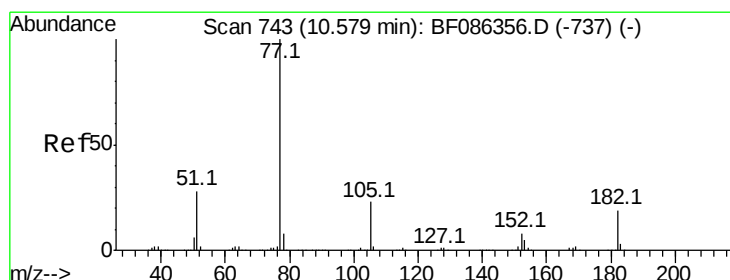
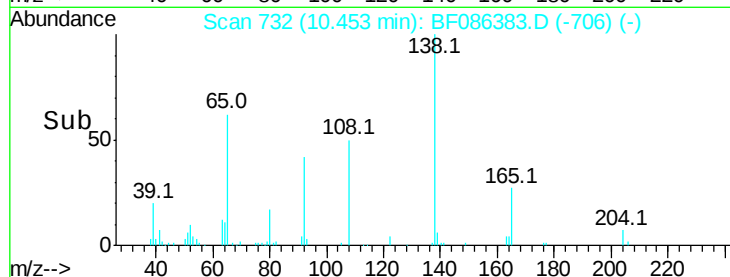
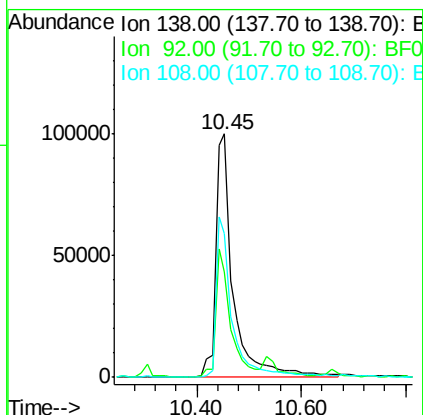
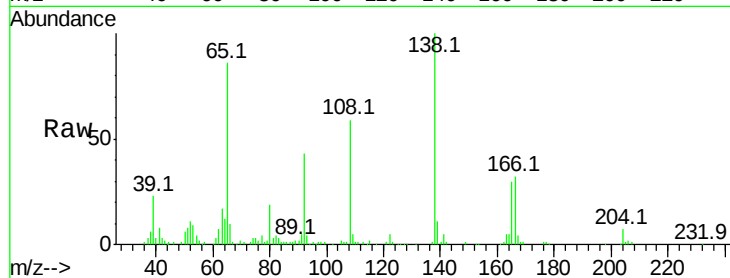
#61
4-Nitroaniline
Concen: 33.48 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.0	24.7	64.7
108	59.0	37.4	77.4

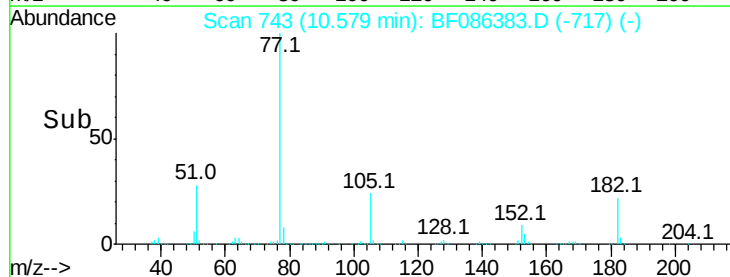
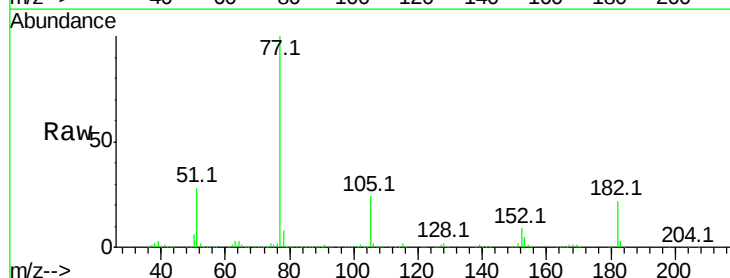
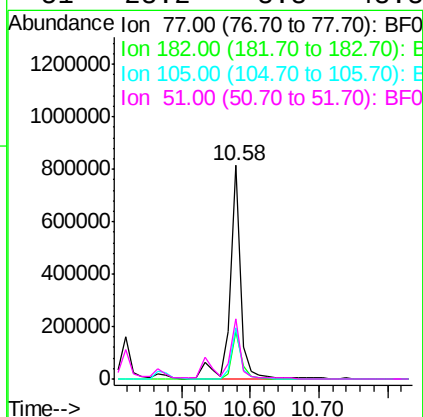
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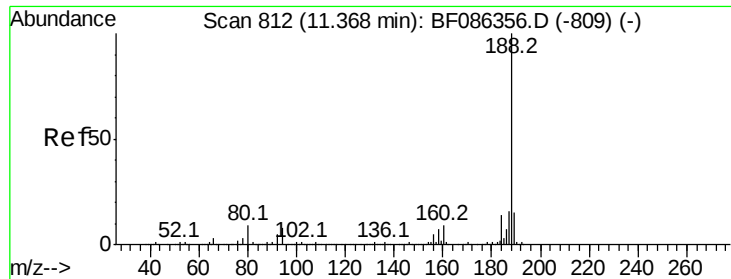
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#62
Azobenzene
Concen: 35.71 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.4	0.0	38.8
105	24.2	3.2	43.2
51	28.2	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:188 Resp: 666779

Ion Ratio Lower Upper

188 100

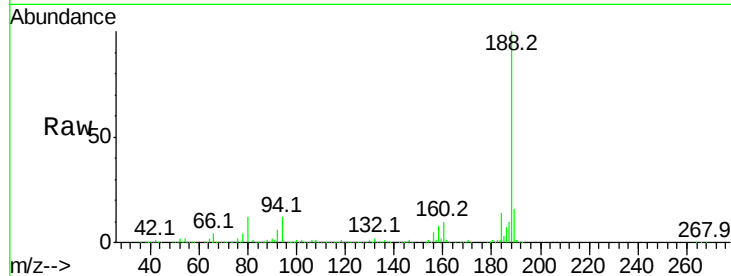
94 11.8 6.8 10.2#

80 12.5 7.1 10.7#

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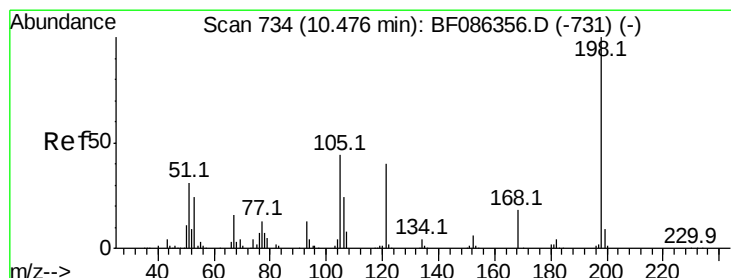
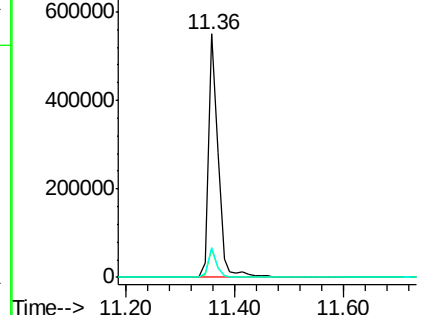
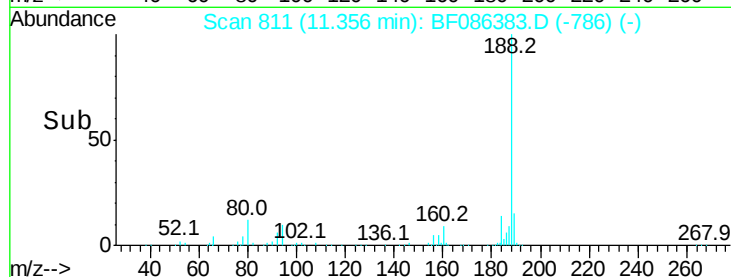
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 23.07 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

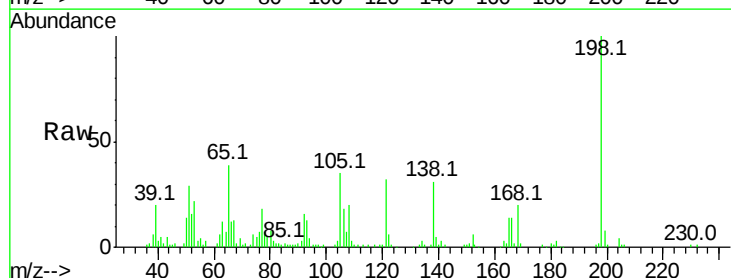
Tgt Ion:198 Resp: 94016

Ion Ratio Lower Upper

198 100

51 29.5 20.5 60.5

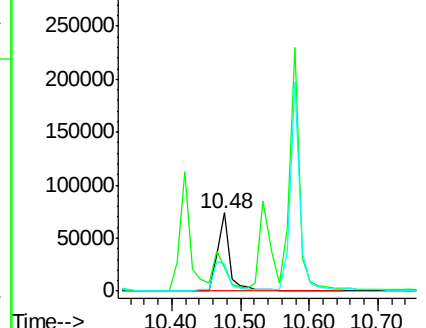
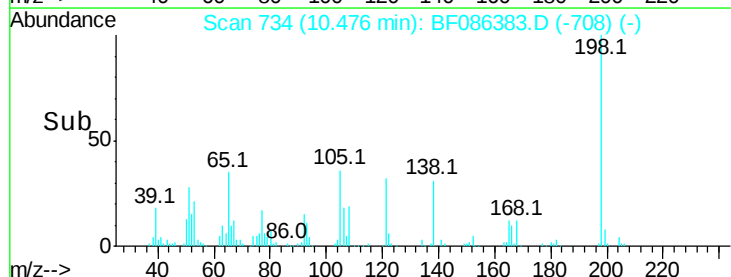
105 35.2 24.5 64.5

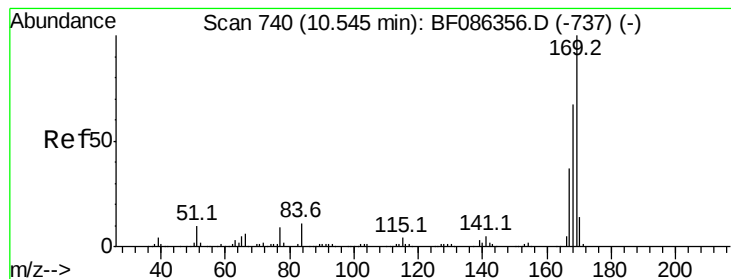


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





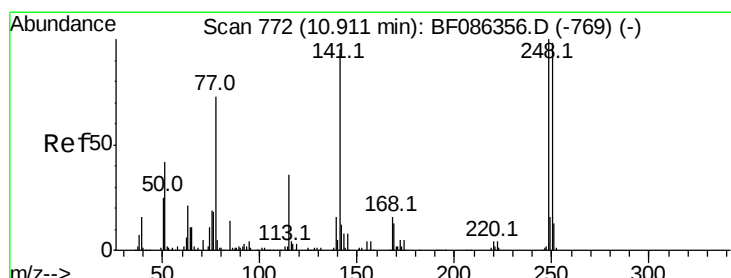
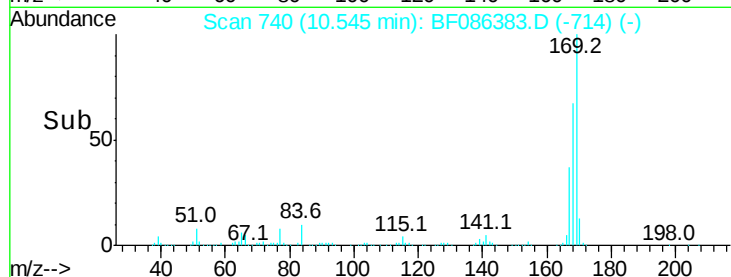
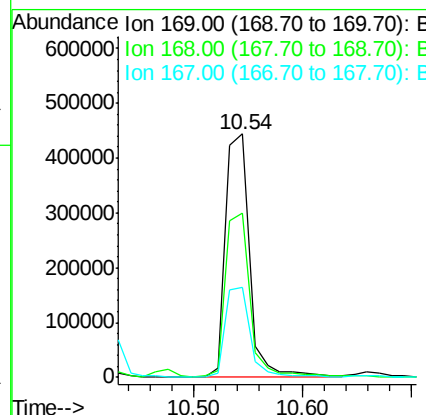
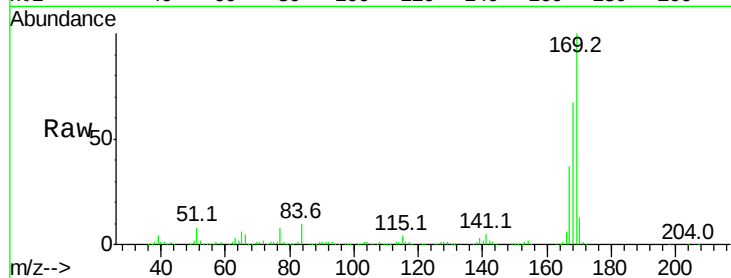
#65
 n-Nitrosodiphenylamine
 Concen: 33.36 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	685946		
168	67.3		53.8	80.6
167	37.1		29.5	44.3

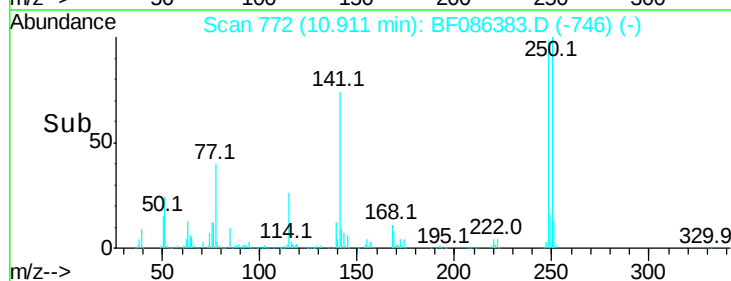
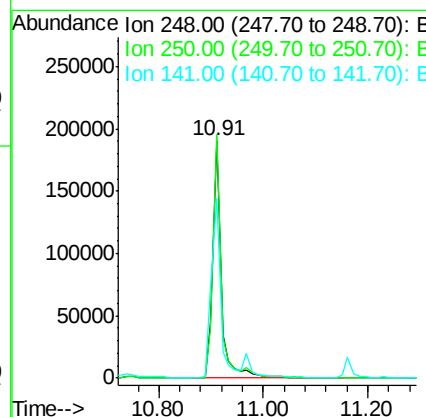
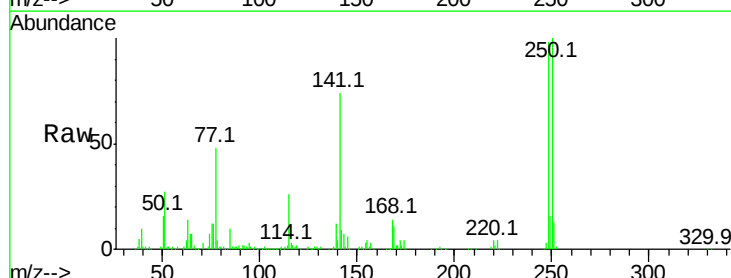
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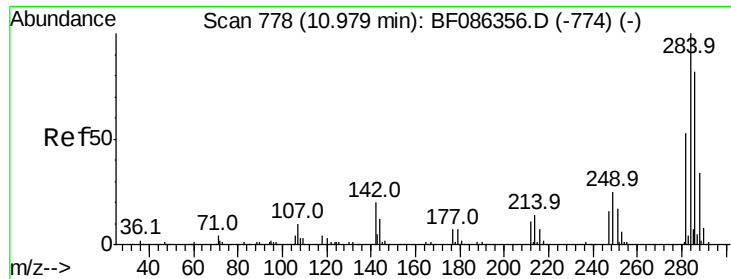
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#66
 4-Bromophenyl-phenylether
 Concen: 33.47 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	218541		
250	102.4		78.6	117.8
141	75.7		76.0	114.0#





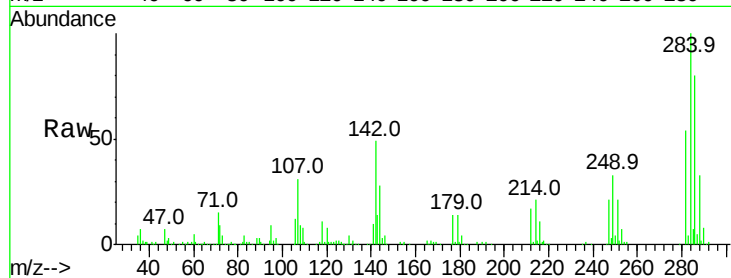
#67
Hexachlorobenzene
Concen: 31.74 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

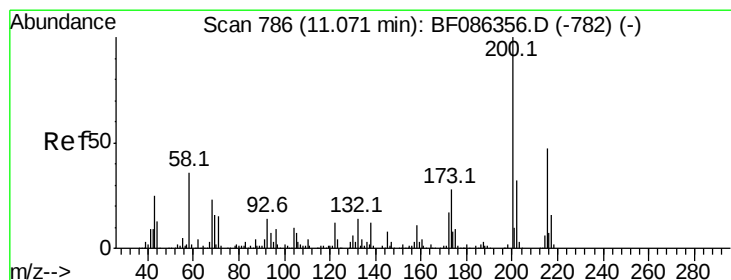
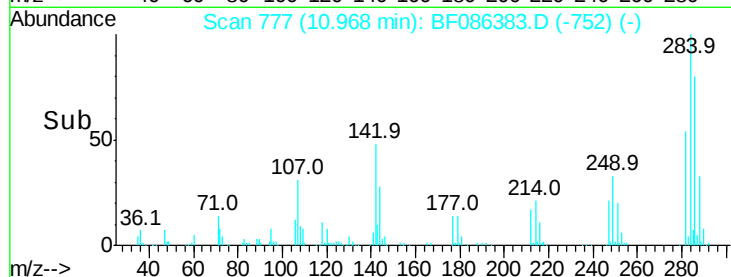
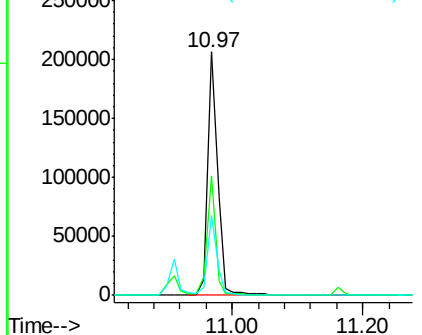
Tot Ion	Ratio	Resp	Lower	Upper
284	100	221091		
142	48.9	16.7	25.1#	
249	32.9	21.3	31.9#	

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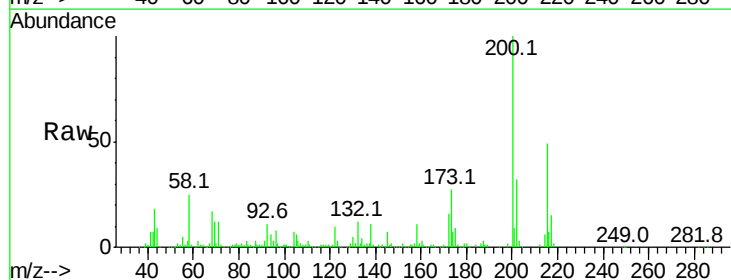


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

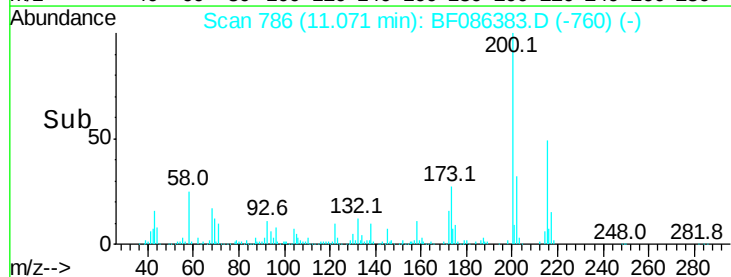
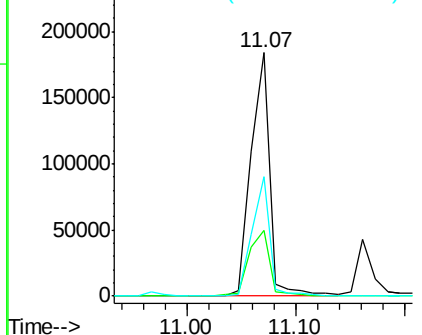


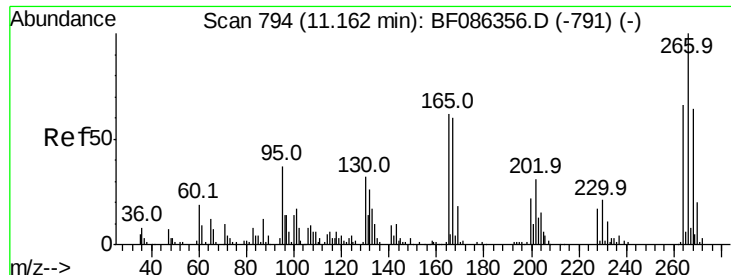
#68
Atrazine
Concen: 34.93 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	221740		
173	26.7	8.5	48.5	
215	48.9	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





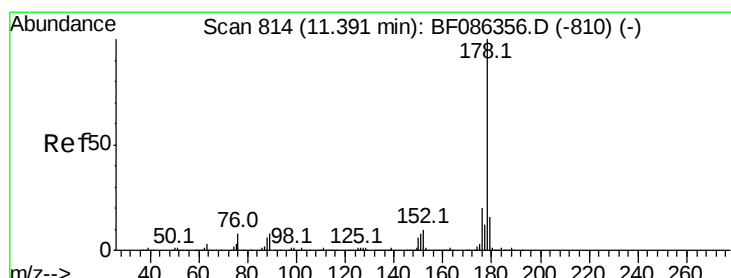
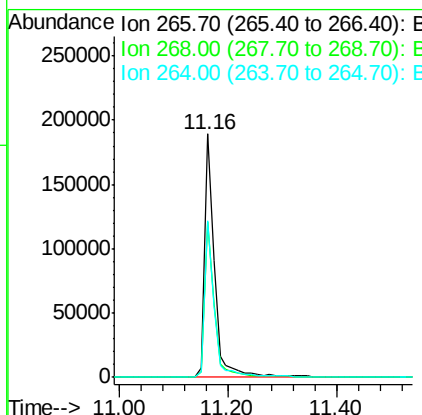
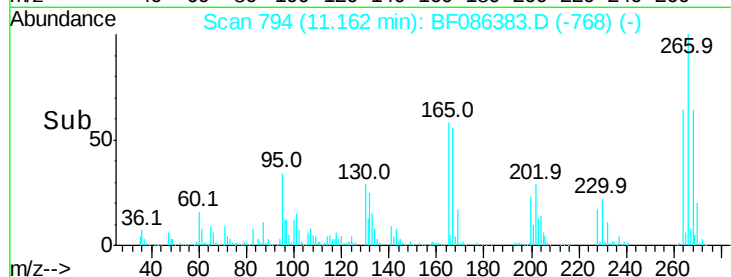
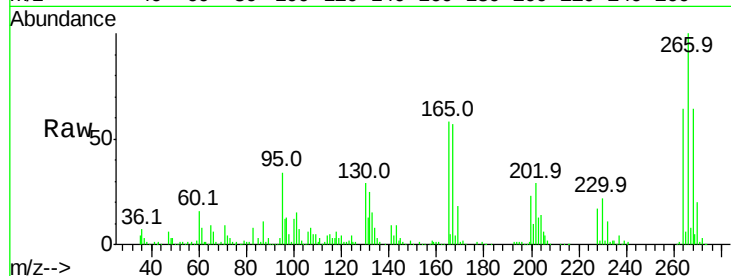
#69
 Pentachlorophenol
 Concen: 58.46 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	239142		
268	63.8	51.5	77.3	
264	64.4	52.9	79.3	

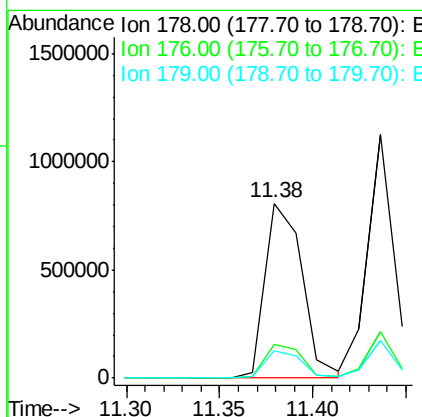
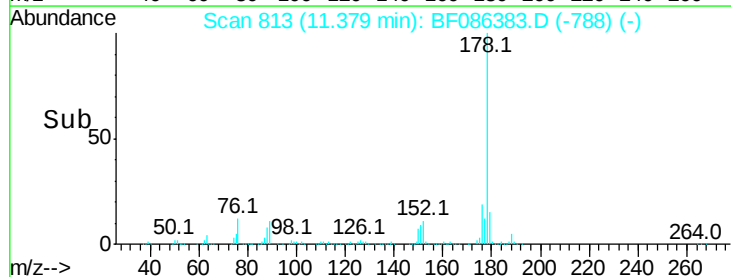
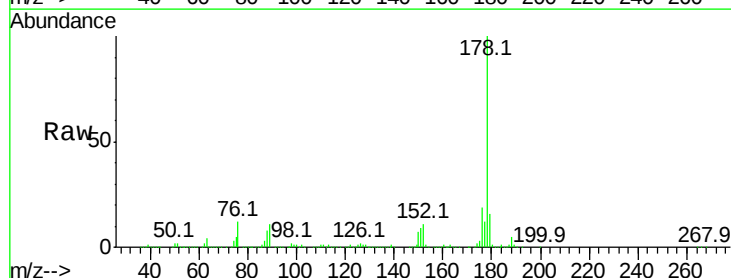
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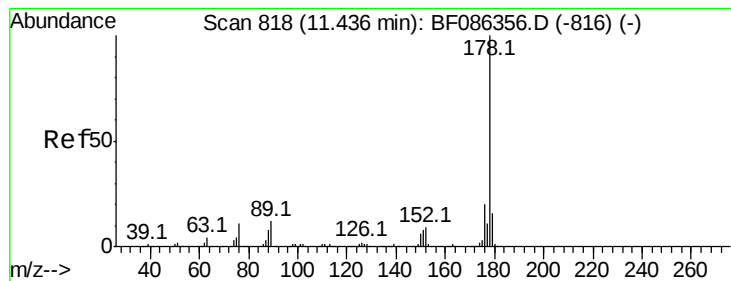
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#70
 Phenanthrene
 Concen: 33.23 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1113359		
176	19.5	16.0	24.0	
179	15.7	12.6	18.8	





#71
 Anthracene
 Concen: 32.74 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

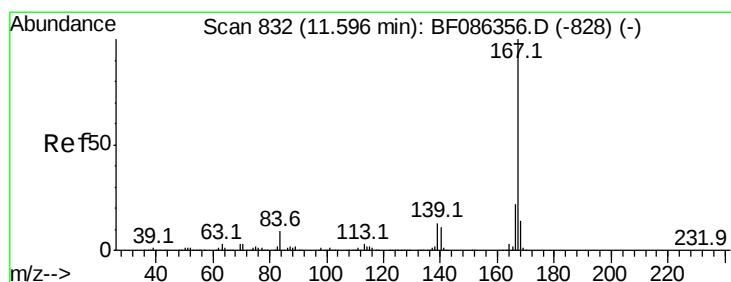
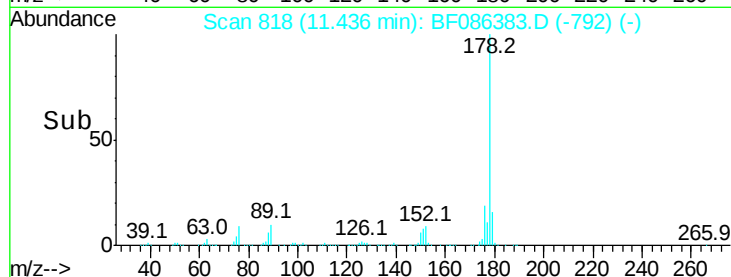
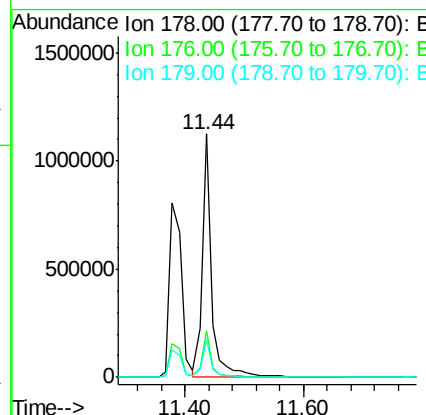
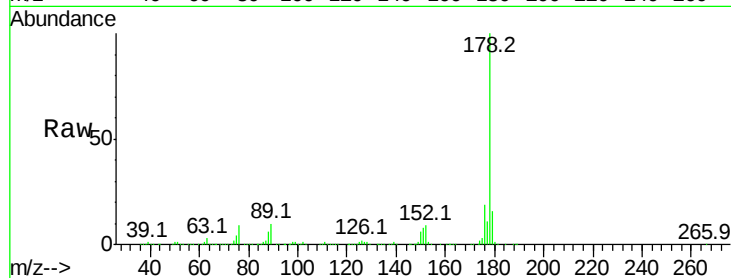
Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tot Ion:178 Resp: 1256744

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.6	12.7	19.1

Manual Integrations
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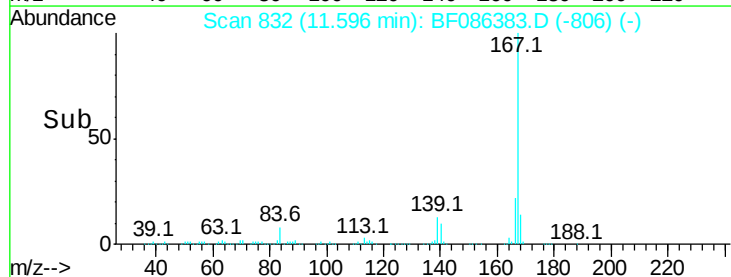
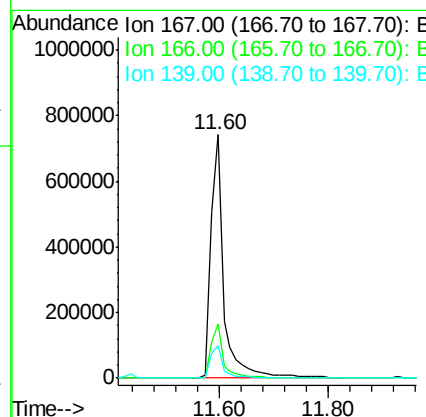
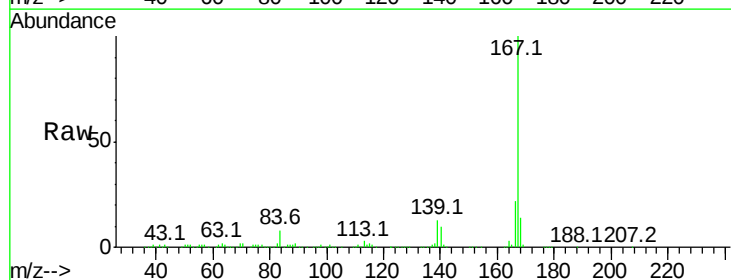
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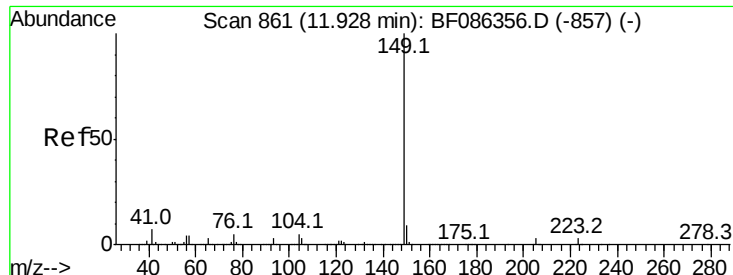


#72
 Carbazole
 Concen: 33.67 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Tgt Ion:167 Resp: 1213845

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	13.1	10.8	16.2





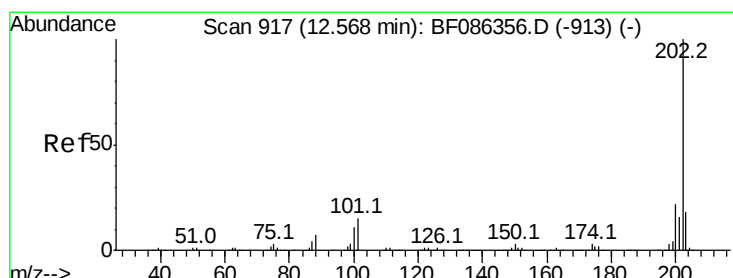
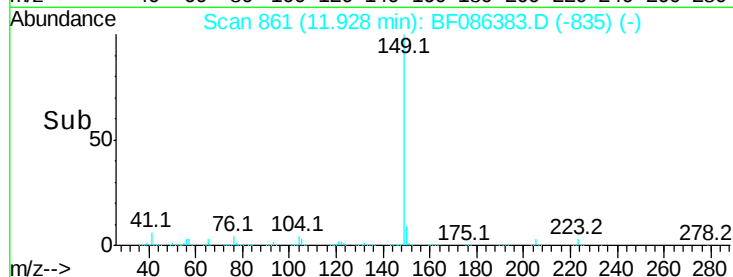
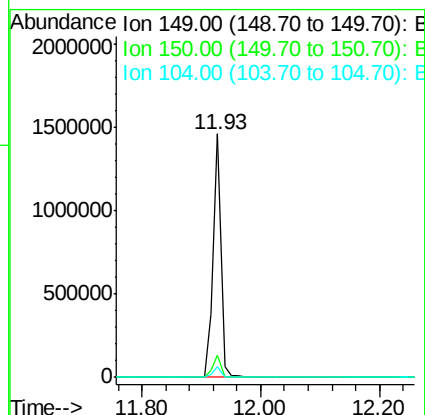
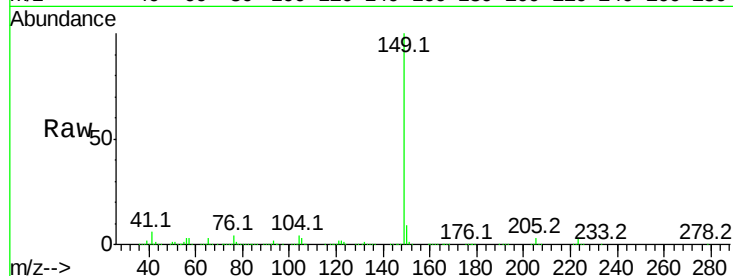
#73
Di-n-butylphthalate
Concen: 35.44 ng
RT: 11.93 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion:149 Resp: 1344363
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 4.4 3.8 5.6

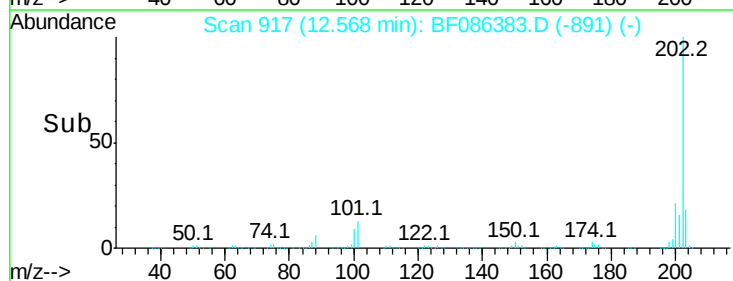
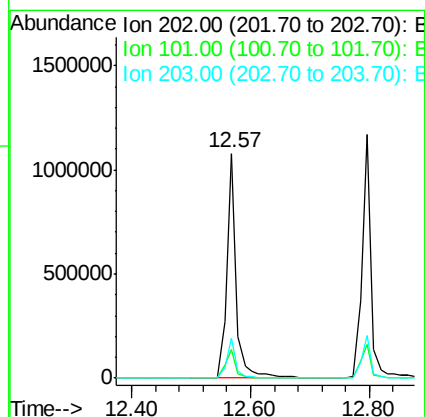
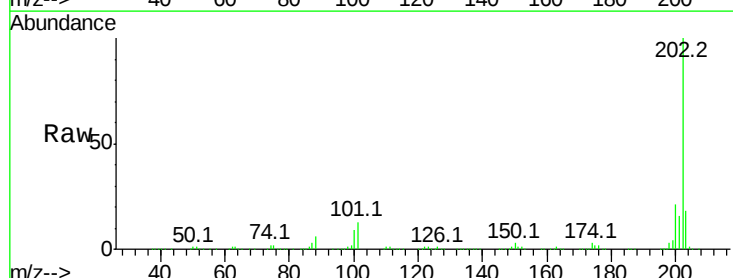
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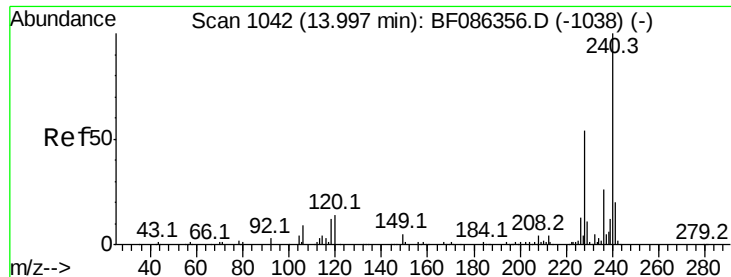
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#74
Fluoranthene
Concen: 33.32 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion:202 Resp: 1203948
Ion Ratio Lower Upper
202 100
101 12.7 0.0 35.4
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

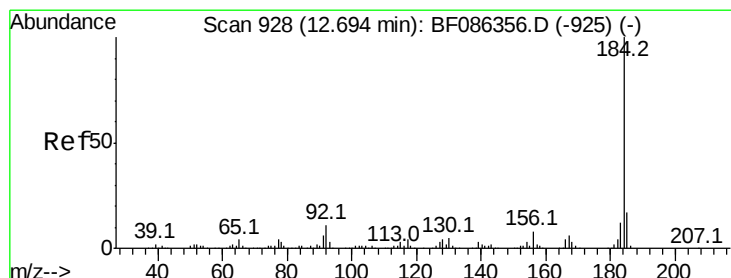
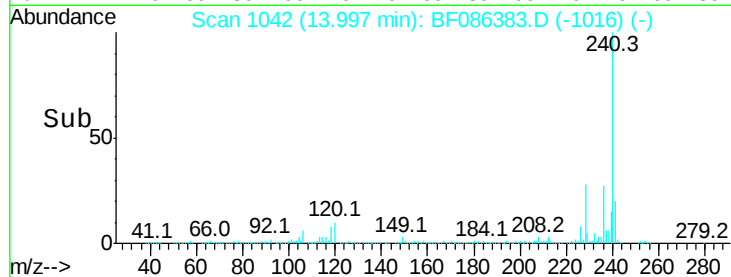
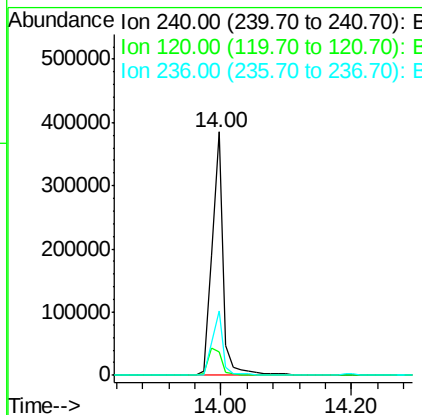
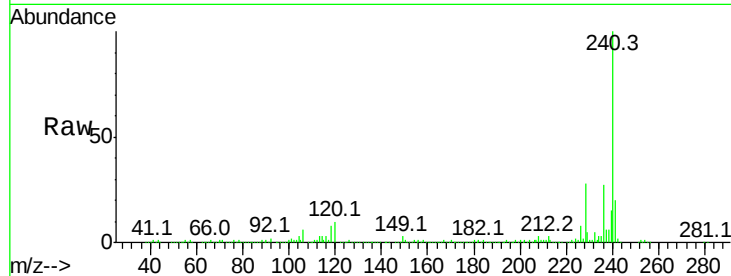
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:	240	Resp:	465376
Ion Ratio	Lower	Upper	
240	100		
120	9.6	11.2	16.8#
236	26.7	21.2	31.8

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#76

Benzidine

Concen: 24.91 ng

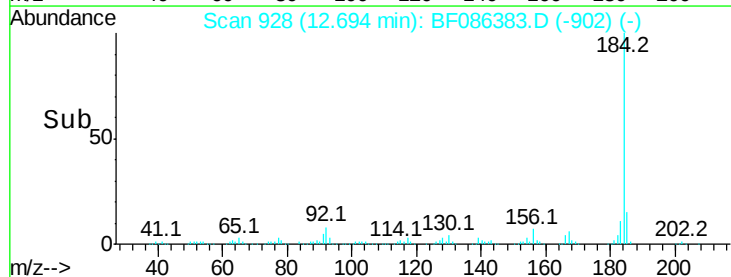
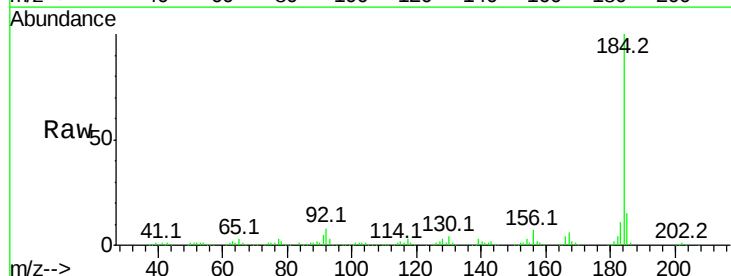
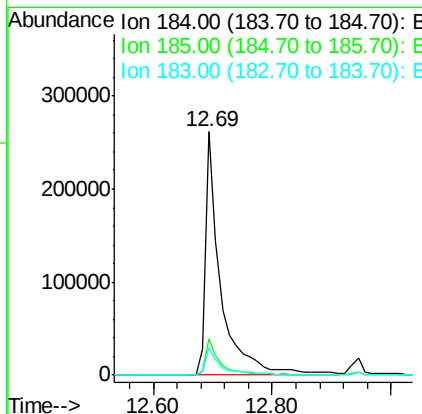
RT: 12.69 min Scan# 928

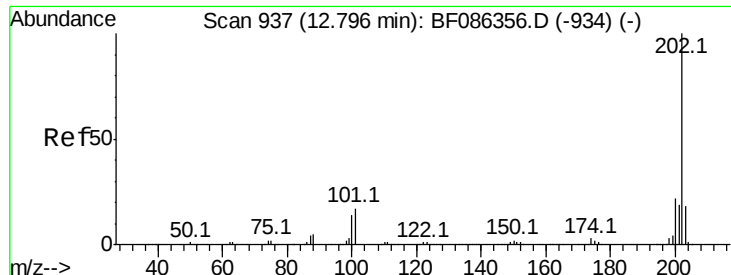
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	184	Resp:	475365
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.6	20.4
183	11.4	9.8	14.6





#77

Pvrene

Concen: 37.80 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:202 Resp: 1226886

Ion Ratio Lower Upper

202 100

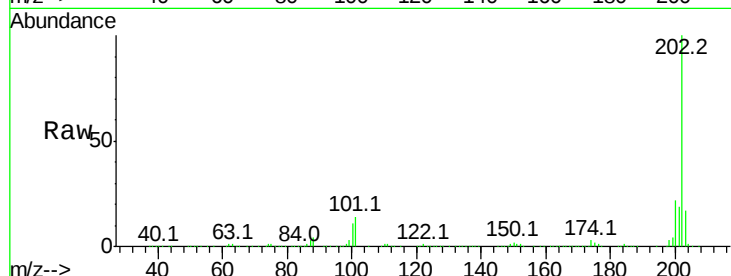
200 22.0 17.7 26.5

203 17.5 14.2 21.4

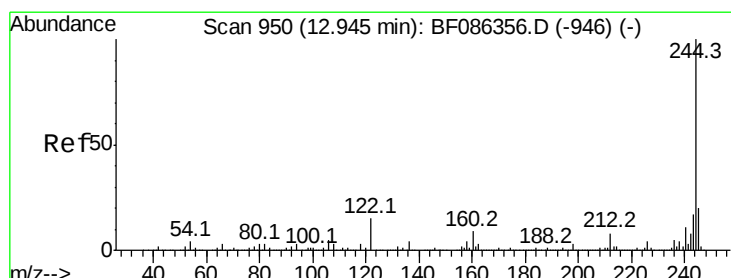
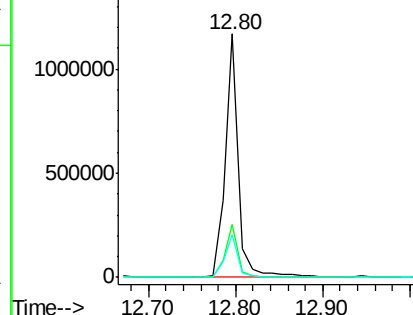
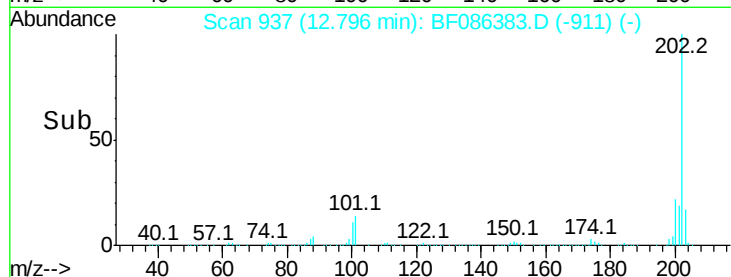
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.25 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

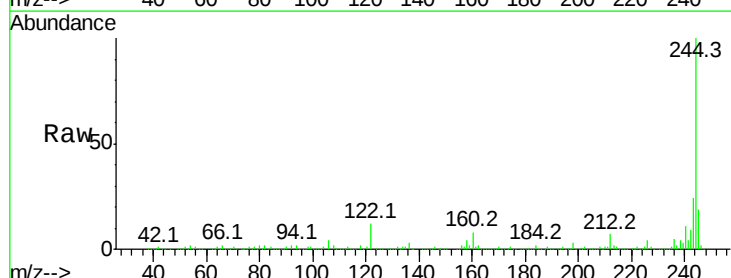
Tgt Ion:244 Resp: 1353362

Ion Ratio Lower Upper

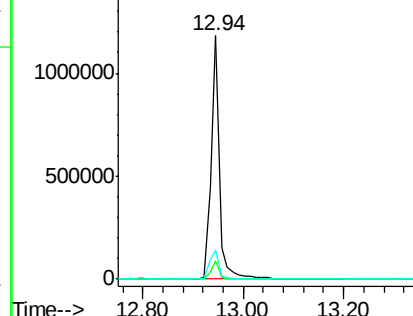
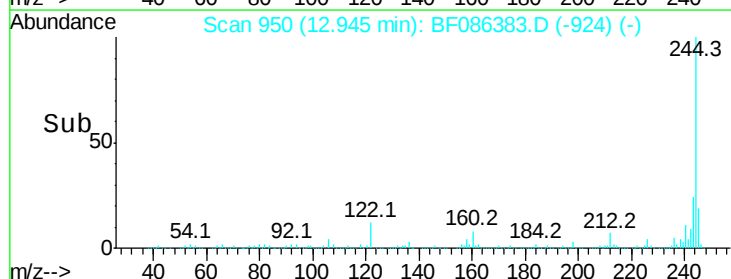
244 100

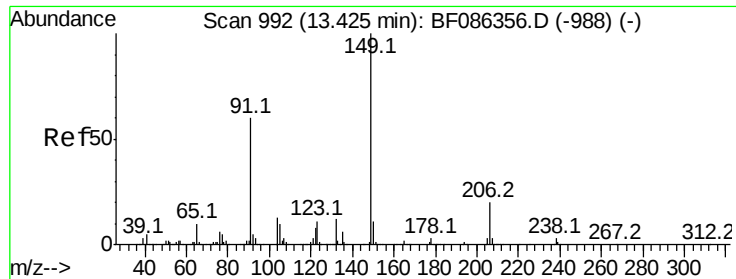
212 7.5 6.2 9.2

122 11.6 12.0 18.0#



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





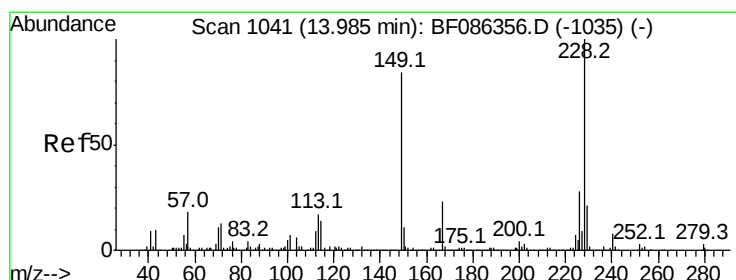
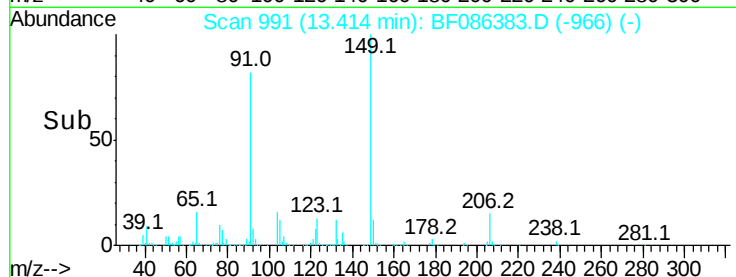
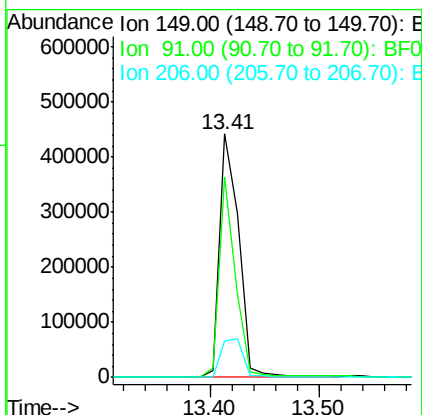
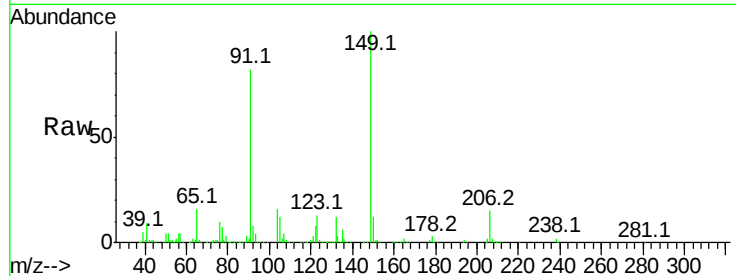
#79
Butylbenzylphthalate
Concen: 36.23 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	547749		
91	82.0	48.0	72.0#	
206	14.8	15.8	23.6#	

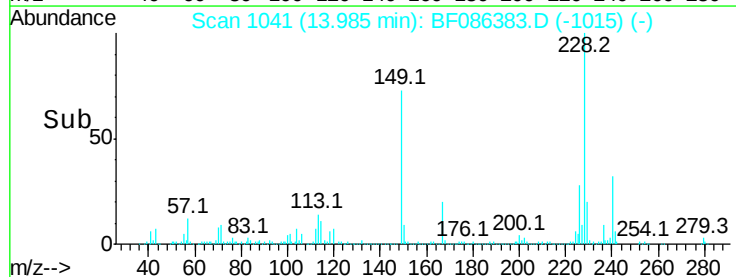
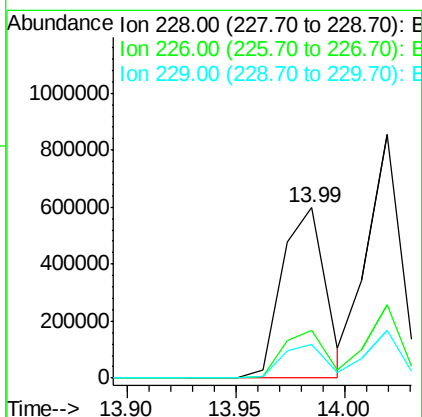
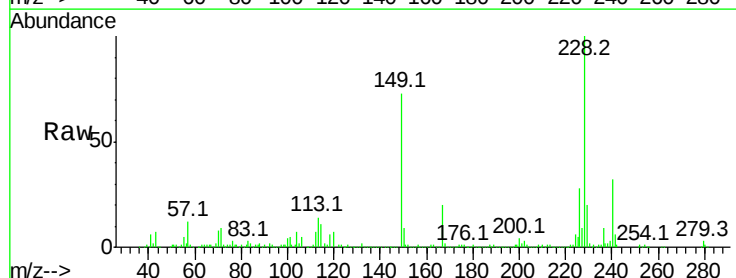
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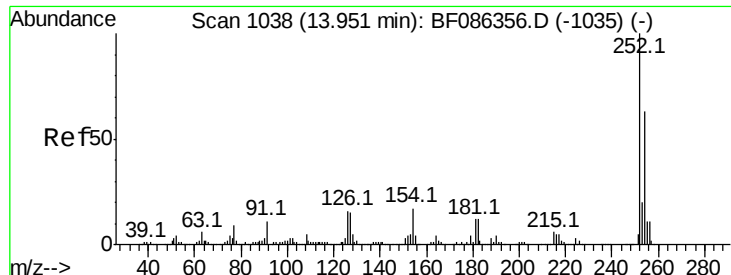
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#80
Benzo(a)anthracene
Concen: 34.35 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	829795		
226	28.1	22.5	33.7	
229	19.7	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 11.71 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

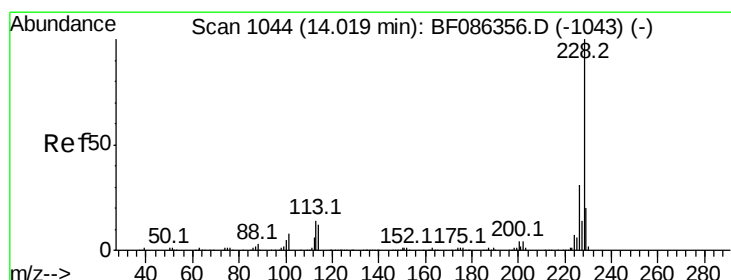
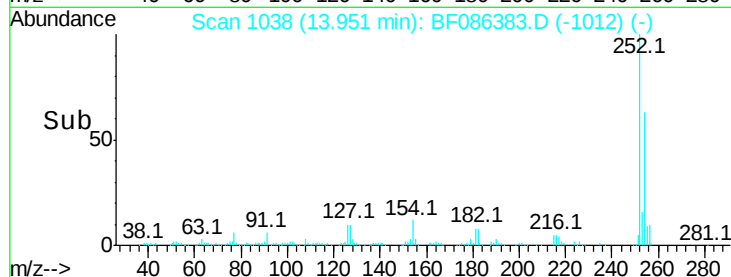
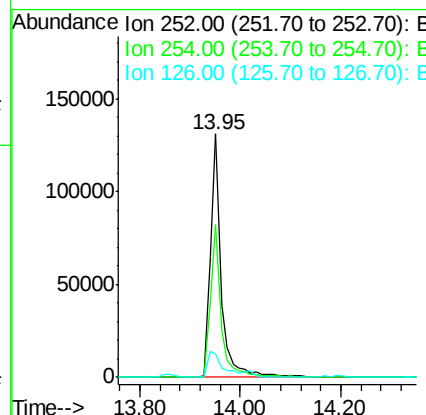
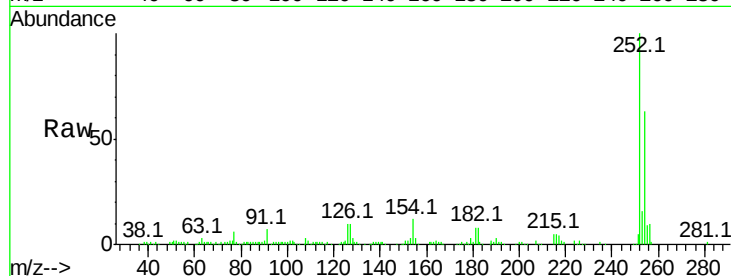
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:	252	Resp:	195164
Ion Ratio		Lower	Upper
252	100		
254	62.9	50.7	76.1
126	9.8	12.7	19.1#

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#82

Chrysene

Concen: 37.82 ng

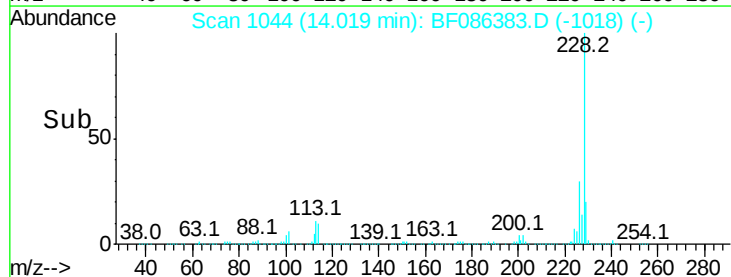
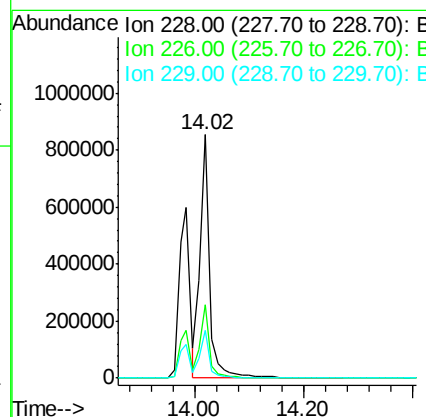
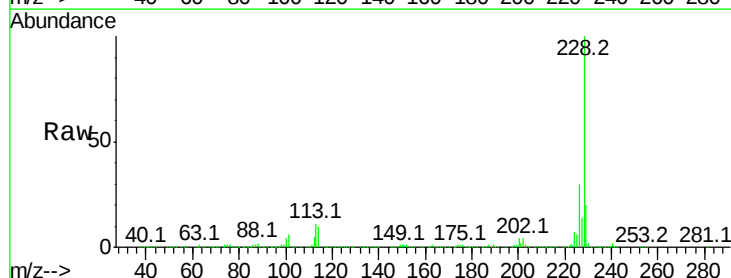
RT: 14.02 min Scan# 1044

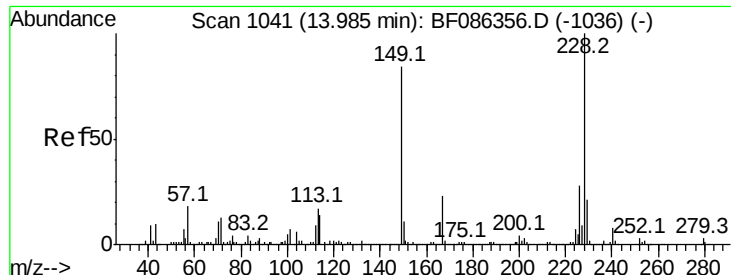
Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion:	228	Resp:	1029264
Ion Ratio		Lower	Upper
228	100		
226	30.3	24.4	36.6
229	19.8	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.32 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MS

Tot Ion:149 Resp: 648719

Ion Ratio Lower Upper

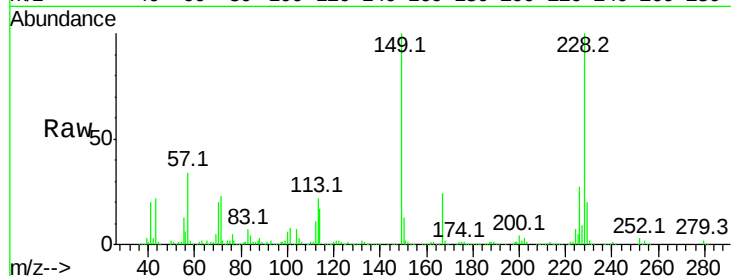
149 100

167 23.8 21.8 32.6

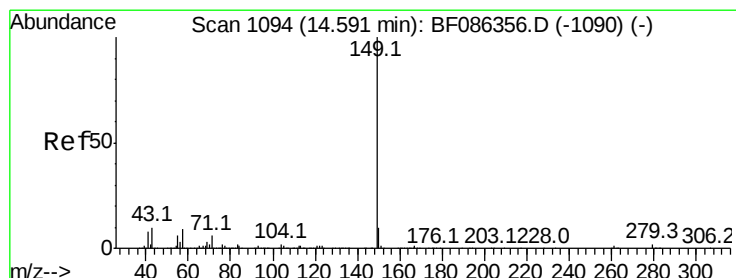
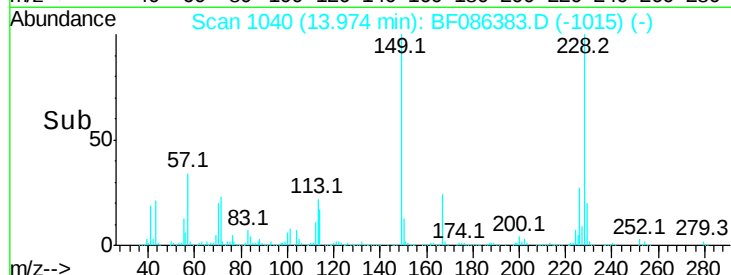
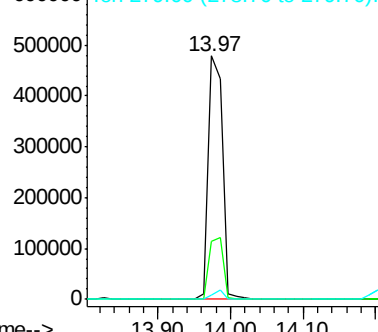
279 1.7 2.6 4.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.19 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

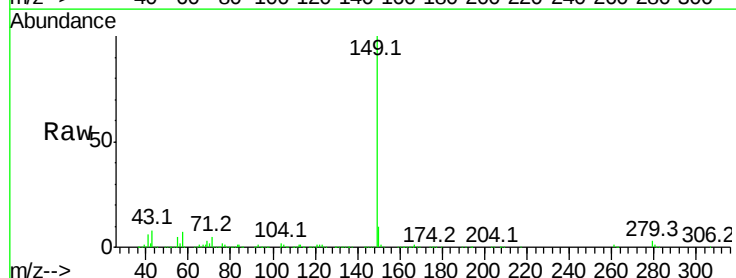
Tgt Ion:149 Resp: 1208640

Ion Ratio Lower Upper

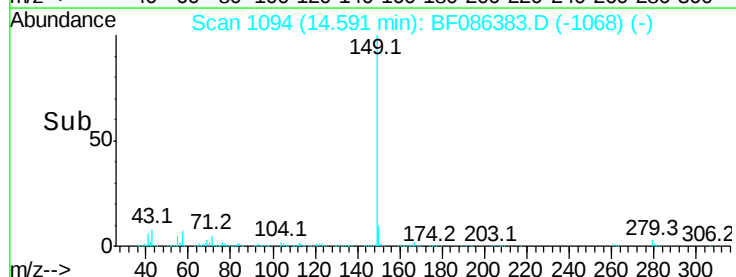
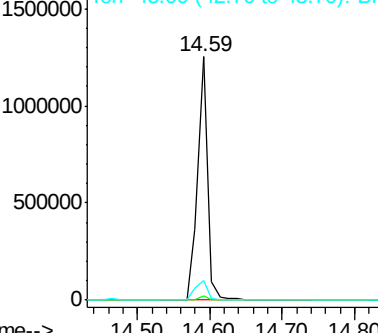
149 100

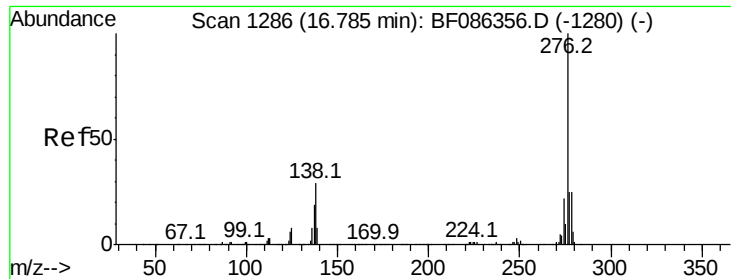
167 1.5 1.2 1.8

43 9.7 8.2 12.4



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: 33.61 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Instrument :

BNA_F

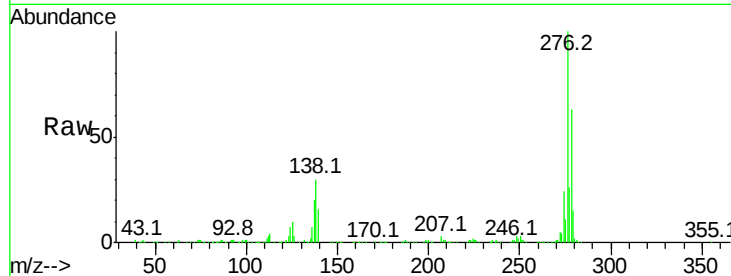
ClientSampleId :

CEDAR-HILL-TF-PS-001MS

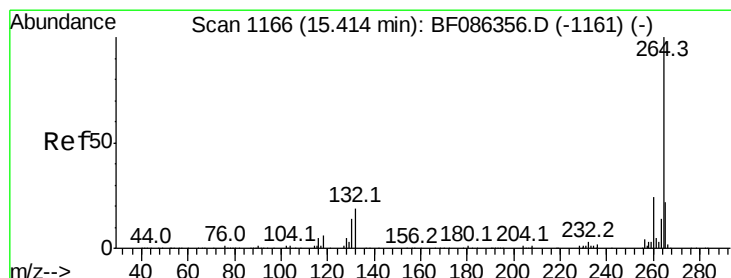
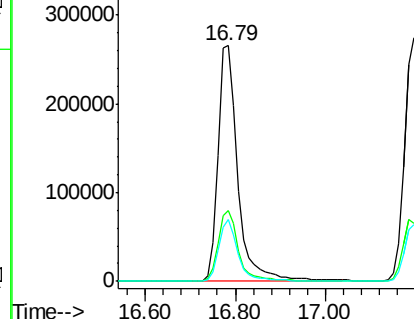
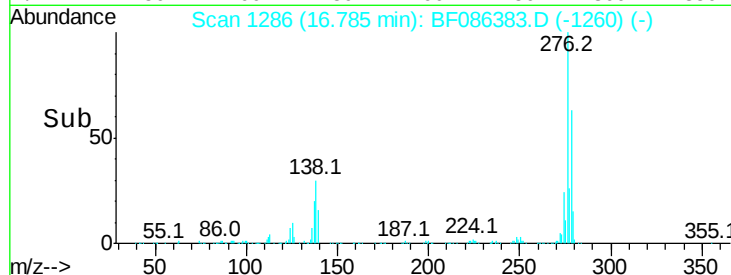
Tot Ion:	276	Resp:	813173
Ion Ratio	Lower	Upper	
276	100		
138	30.9	25.6	38.4
277	25.8	20.5	30.7

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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

Perylene-d12

Concen: 20.00 ng

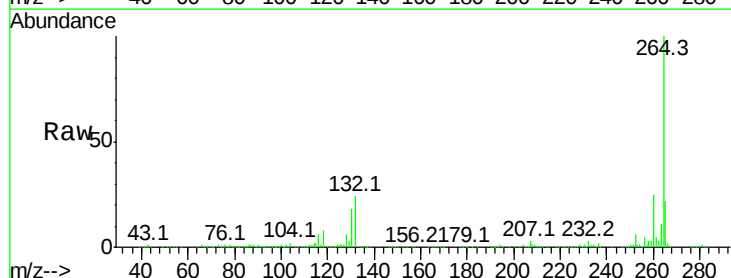
RT: 15.40 min Scan# 1165

Delta R.T. -0.01 min

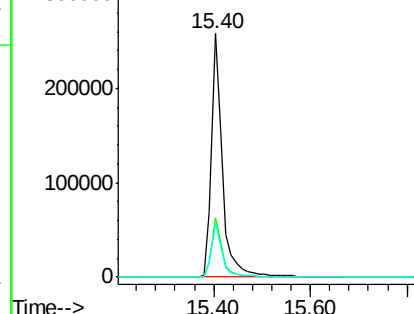
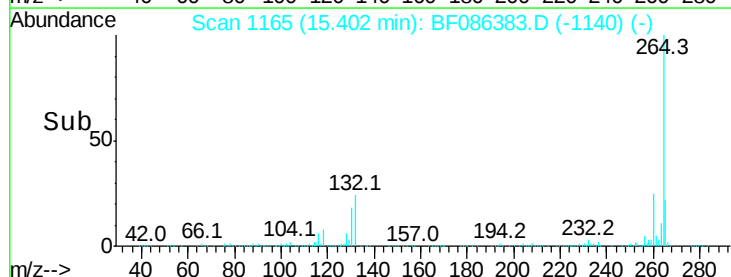
Lab File: BF086383.D

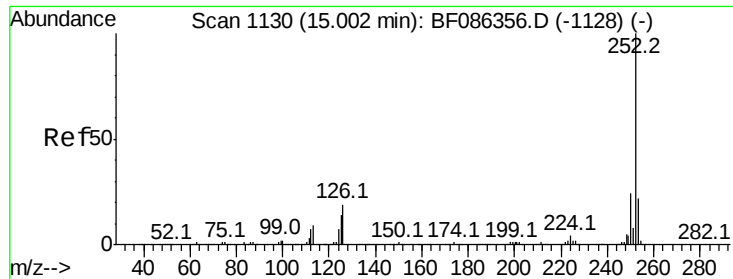
Acq: 23 Apr 2016 11:11

Tgt Ion:	264	Resp:	416793
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.8	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.02 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

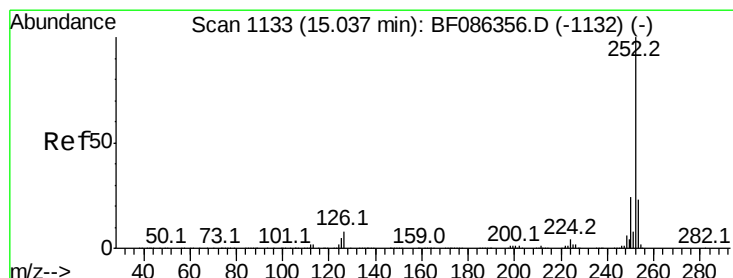
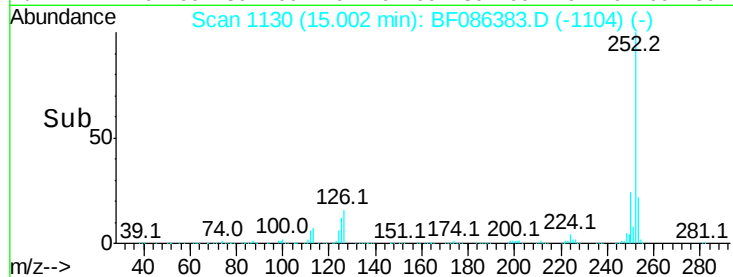
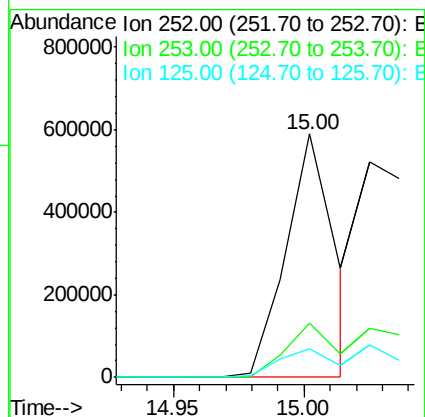
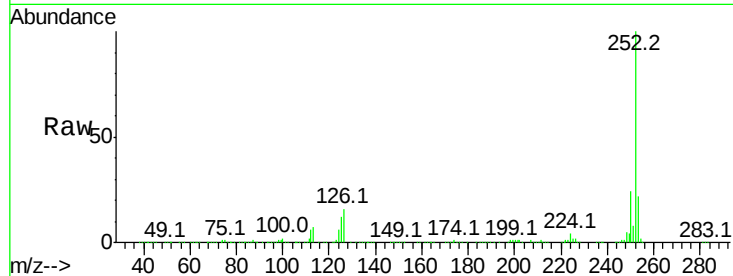
Instrument :
BNA_F

ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	755362		
253	22.4		17.8	26.6
125	11.7		11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 38.42 ng m

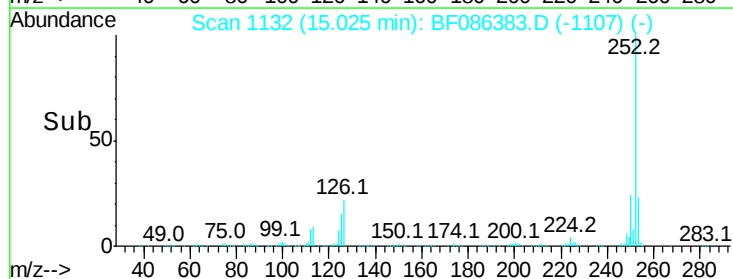
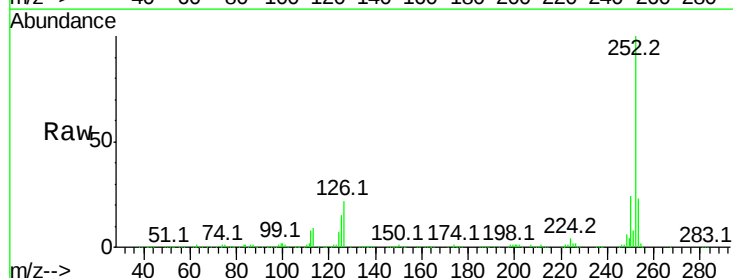
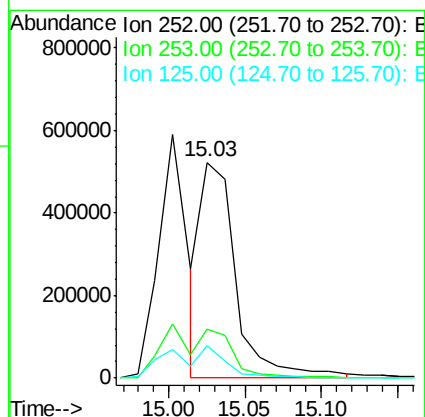
RT: 15.03 min Scan# 1132

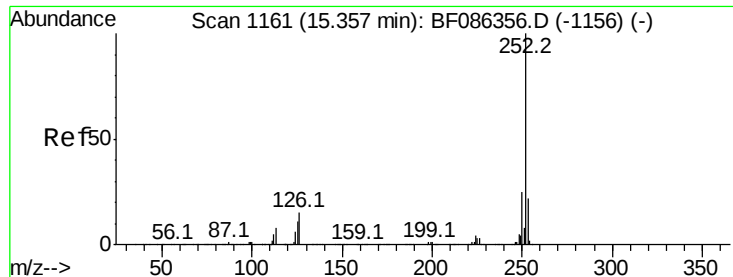
Delta R.T. -0.01 min

Lab File: BF086383.D

Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	862582		
253	23.0		17.8	26.6
125	15.3		9.1	13.7#





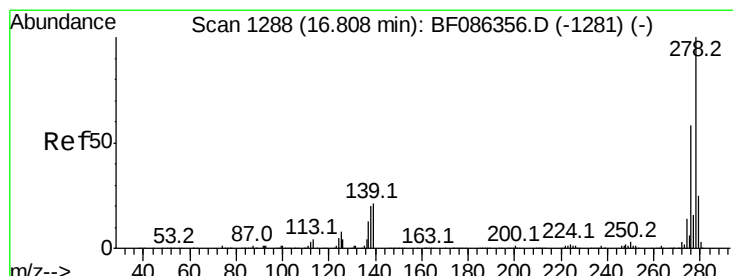
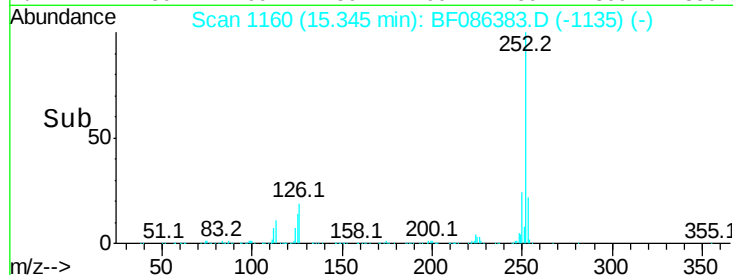
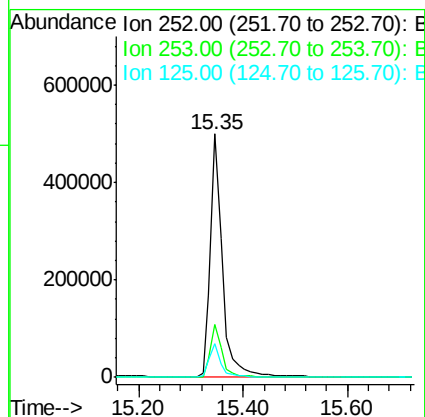
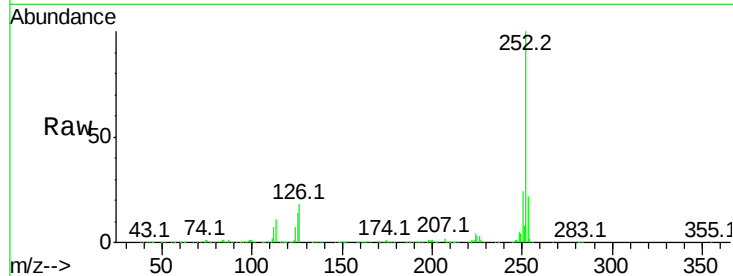
#89
Benzo(a)pyrene
Concen: 35.20 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	13.7	9.0	13.6

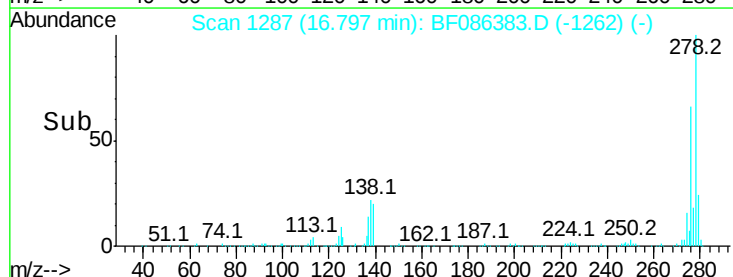
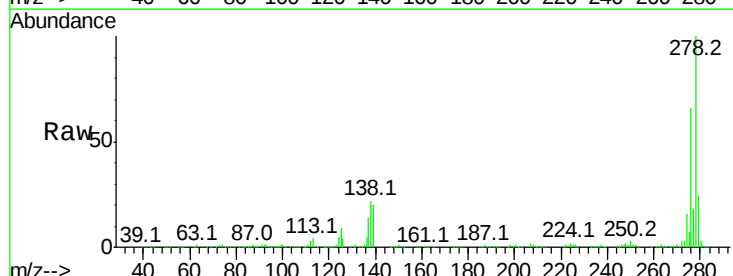
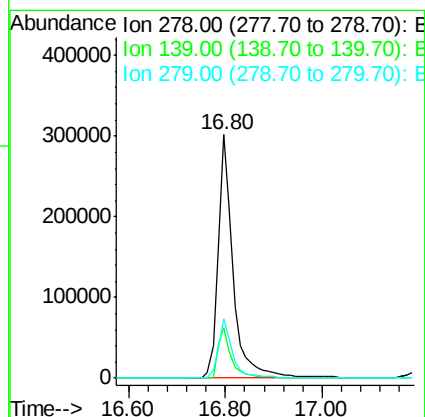
Manual Integrations
APPROVED

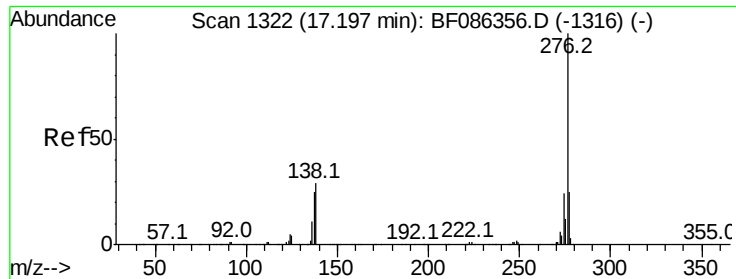
sohil
4/25/2016 12:36:56 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.83 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF086383.D
Acq: 23 Apr 2016 11:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.6	24.8
279	24.3	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.82 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF086383.D
 Acq: 23 Apr 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.3	19.6	29.4	
138	24.0	23.6	35.4	

Manual Integrations
 APPROVED

sohil
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