

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086384.D
 Acq On : 23 Apr 2016 11:40
 Operator : UM/SJ
 Sample : H2661-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Manual Integrations
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 4/25/2016 12:35:52 PM

Quant Time: Apr 25 05:12:43 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	173972	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	715765	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	350991	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	674078	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	457710	20.00	ng	0.00
86) Perylene-d12	15.40	264	420919	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1296866	128.74	ng	0.02
7) Phenol-d6	6.48	99	1729844	126.31	ng	0.00
23) Nitrobenzene-d5	7.41	82	1103085	91.29	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	398440	125.40	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1873258	91.08	ng	0.00
78) Terphenyl-d14	12.95	244	1658584	90.03	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.48	88	192775	34.61	ng	97
3) Pyridine	3.23	79	124471	9.38	ng	96
4) n-Nitrosodimethylamine	3.14	42	215288	42.75	ng	95
6) Aniline	6.51	93	407020	24.35	ng	93
8) 2-Chlorophenol	6.62	128	517293	42.06	ng	96
9) Benzaldehyde	6.38	77	111885	13.45	ng	96
10) Phenol	6.50	94	630892	39.01	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	522777	37.13	ng	100
12) 1,3-Dichlorobenzene	6.78	146	565776	43.13	ng	99
13) 1,4-Dichlorobenzene	6.86	146	590151	40.96	ng	98
14) 1,2-Dichlorobenzene	7.01	146	553873	42.31	ng	99
15) Benzyl Alcohol	6.99	79	425448	52.34	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	710280	38.49	ng	100
17) 2-Methylphenol	7.10	107	468242	46.46	ng	98
18) Hexachloroethane	7.36	117	196536	40.50	ng	# 91
19) n-Nitroso-di-n-propylamine	7.26	70	366906	44.83	ng	95
20) 3+4-Methylphenols	7.25	107	476624	44.61	ng	91
22) Acetophenone	7.25	105	701473	46.72	ng	98
24) Nitrobenzene	7.42	77	540526	41.70	ng	97
25) Isophorone	7.66	82	1011749	42.73	ng	98
26) 2-Nitrophenol	7.74	139	315985	49.35	ng	97
27) 2,4-Dimethylphenol	7.79	122	491445m	44.82	ng	
28) bis(2-Chloroethoxy)methane	7.88	93	654634	49.51	ng	99
29) 2,4-Dichlorophenol	7.98	162	459394	50.68	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	453845	46.10	ng	94
31) Naphthalene	8.14	128	1561091	42.81	ng	99
32) Benzoic acid	7.85	122	44035m	6.28	ng	
33) 4-Chloroaniline	8.20	127	246013	17.32	ng	97
34) Hexachlorobutadiene	8.27	225	231693	47.13	ng	99
35) Caprolactam	8.57	113	135761m	41.74	ng	
36) 4-Chloro-3-methylphenol	8.68	107	489966	45.48	ng	96
37) 2-Methylnaphthalene	8.84	142	1041002	49.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	380805	41.94	ng	99
40) Hexachlorocyclopentadiene	8.99	237	402936	90.85	ng	97

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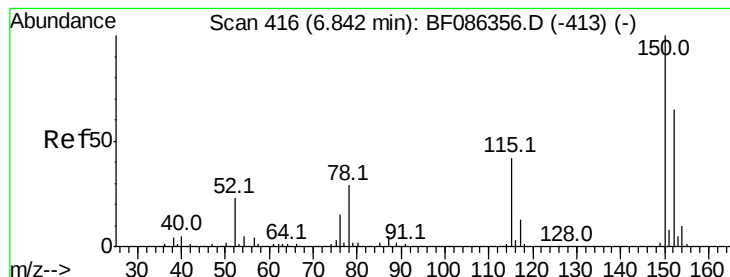
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	289163	48.57	nq	100
43) 2,4,5-Trichlorophenol	9.16	196	325330	44.38	nq	94
45) 1,1'-Biphenyl	9.31	154	1226617	45.05	nq	99
46) 2-Chloronaphthalene	9.33	162	985414	45.72	nq	98
47) 2-Nitroaniline	9.42	65	333912	49.75	nq	98
48) Acenaphthylene	9.74	152	1600946	45.81	nq	99
49) Dimethylphthalate	9.61	163	1308543	51.60	nq	99
50) 2,6-Dinitrotoluene	9.66	165	250677	45.77	nq	97
51) Acenaphthene	9.92	154	986605	45.96	nq	99
52) 3-Nitroaniline	9.84	138	241437	35.21	nq	96
53) 2,4-Dinitrophenol	9.94	184	101963	35.81	nq	96
54) Dibenzofuran	10.09	168	1375923	49.91	nq	99
55) 4-Nitrophenol	10.01	139	442067	92.13	nq	94
56) 2,4-Dinitrotoluene	10.08	165	355562	48.89	nq	# 69
57) Fluorene	10.43	166	1039791	46.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	259626	48.45	nq	99
59) Diethylphthalate	10.30	149	1070502	44.09	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	429375	43.46	nq	96
61) 4-Nitroaniline	10.45	138	322918	46.01	nq	92
62) Azobenzene	10.58	77	1186362	47.12	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	137534	33.39	nq	95
65) n-Nitrosodiphenylamine	10.54	169	957003	46.04	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	289984	43.93	nq	93
67) Hexachlorobenzene	10.97	284	309517	43.95	nq	# 58
68) Atrazine	11.07	200	289902	45.17	nq	97
69) Pentachlorophenol	11.16	266	296949	71.81	nq	99
70) Phenanthrene	11.39	178	1534629	45.31	nq	99
71) Anthracene	11.44	178	1589062	40.95	nq	100
72) Carbazole	11.60	167	1650414	45.28	nq	99
73) Di-n-butylphthalate	11.93	149	1723669	44.95	nq	100
74) Fluoranthene	12.57	202	1569081	42.96	nq	98
76) Benzidine	12.69	184	198819	10.59	nq	97
77) Pyrene	12.80	202	1577793	49.43	nq	99
79) Butylbenzylphthalate	13.41	149	764519	51.41	nq	# 75
80) Benzo(a)anthracene	13.99	228	1066142	44.87	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	264347	16.13	nq	# 96
82) Chrysene	14.02	228	1288447	48.13	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	837895	50.32	nq	# 99
84) Di-n-octyl phthalate	14.59	149	1633850	51.11	nq	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1147126	48.20	nq	99
87) Benzo(b)fluoranthene	15.00	252	1033519m	44.73	nq	
88) Benzo(k)fluoranthene	15.04	252	1181629m	52.11	nq	
89) Benzo(a)pyrene	15.35	252	1068698	46.89	nq	# 95
90) Dibenzo(a,h)anthracene	16.81	278	942024	50.10	nq	95
91) Benzo(g,h,i)perylene	17.20	276	1004507	51.75	nq	98

(#) = 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

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:152 Resp: 173972

Ion Ratio Lower Upper

152 100

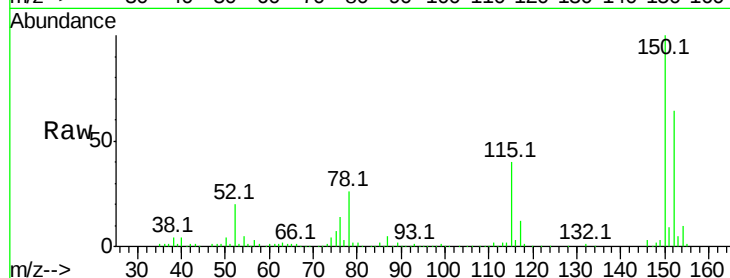
150 156.0 125.8 188.6

115 61.7 51.5 77.3

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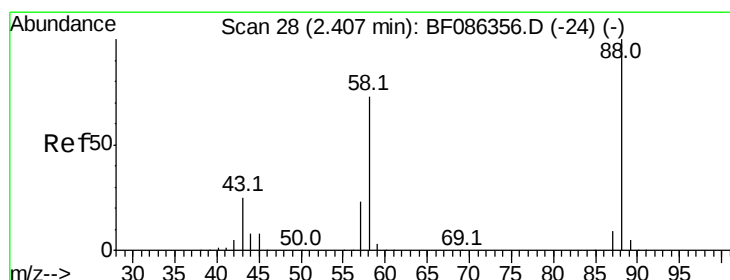
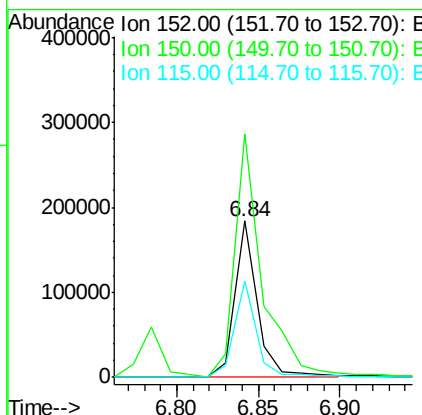
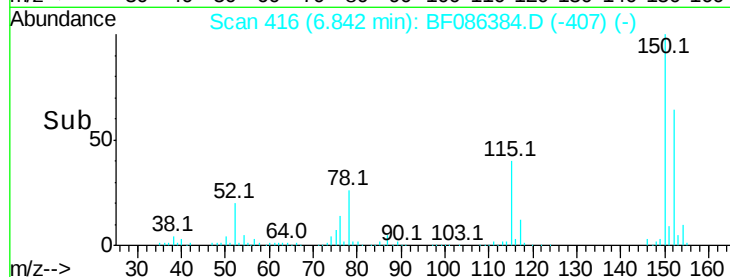
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.61 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.07 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

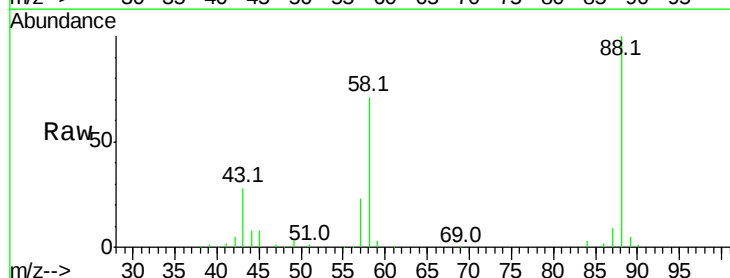
Tgt Ion: 88 Resp: 192775

Ion Ratio Lower Upper

88 100

58 70.8 59.6 89.4

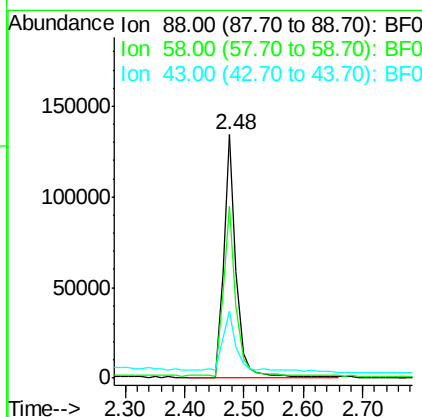
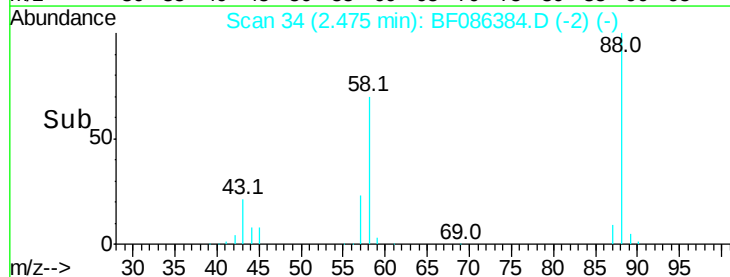
43 27.3 21.8 32.6

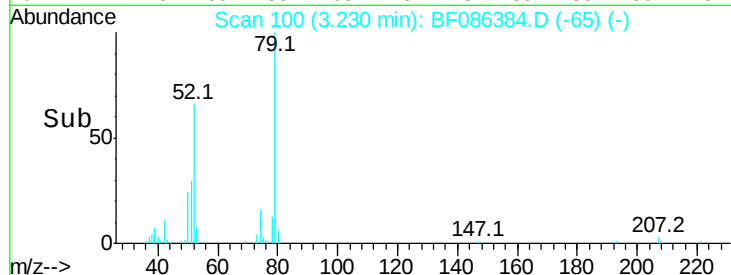
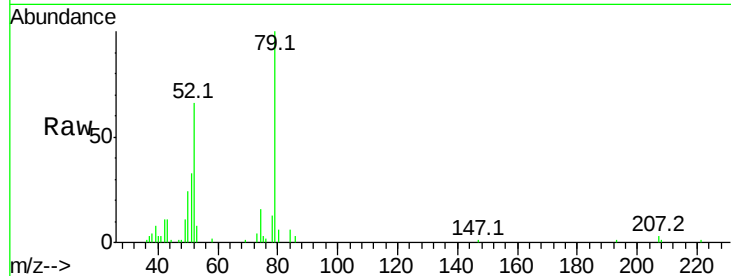
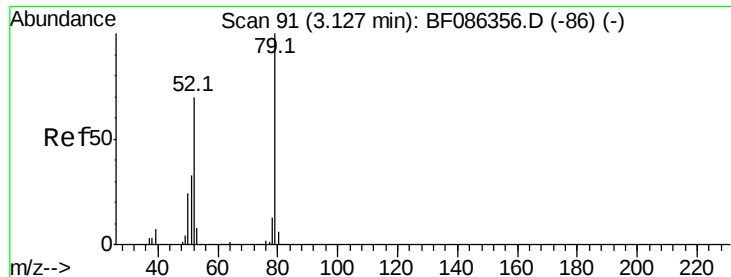


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





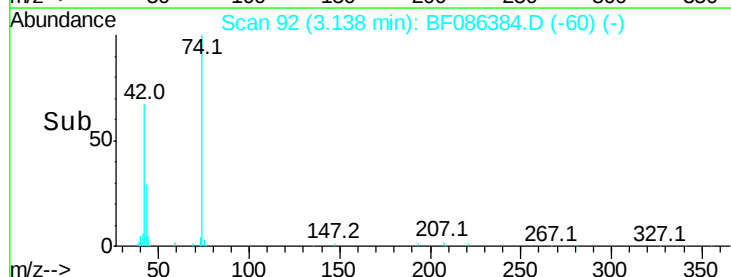
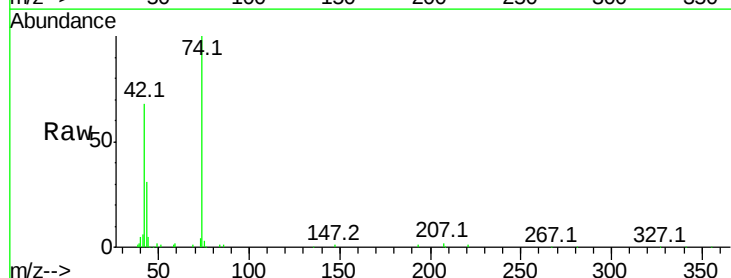
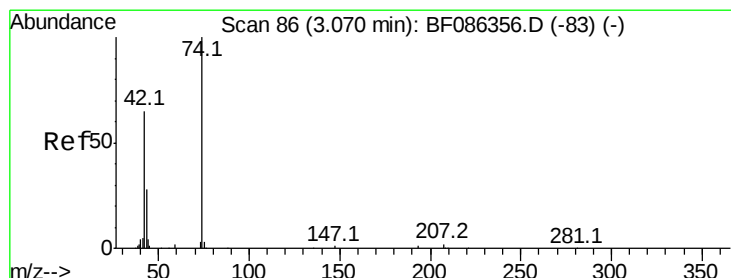
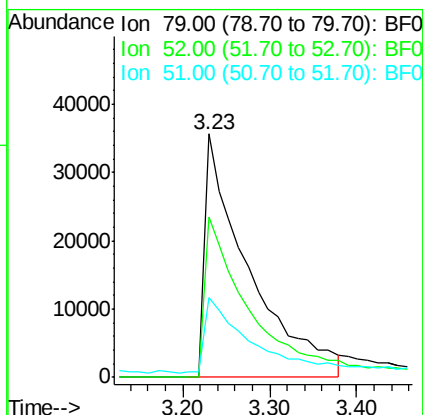
#3
Pvridine
Concen: 9.38 ng
RT: 3.23 min Scan# 100
Delta R.T. 0.10 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.0	55.9	83.9
51	32.7	28.1	42.1

Instrument :
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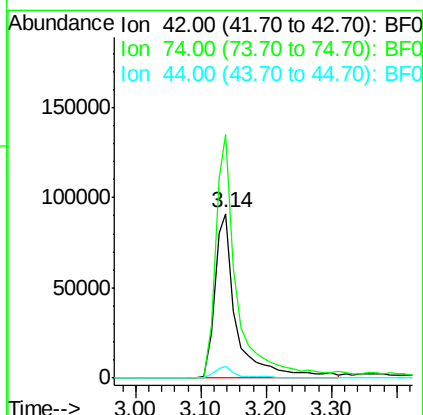
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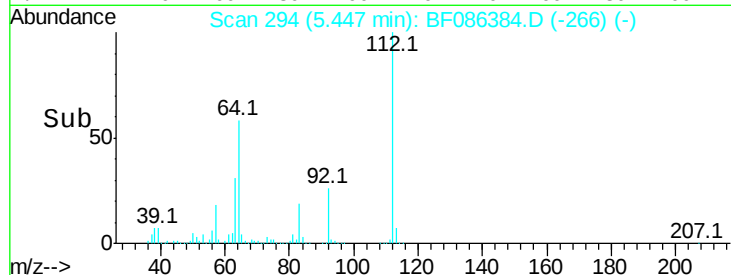
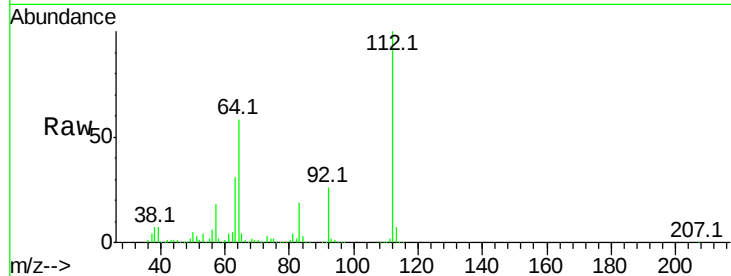
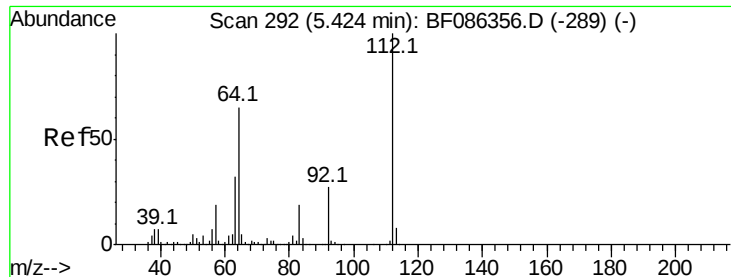
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#4
n-Nitrosodimethylamine
Concen: 42.75 ng
RT: 3.14 min Scan# 92
Delta R.T. 0.07 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.7	123.4	185.0
44	7.2	5.8	8.6





#5

2-Fluorophenol

Concen: 128.74 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tot Ion:	112	Resp:	1296866
Ion Ratio	Lower	Upper	
112	100		
64	58.0	52.1	78.1
63	30.6	25.7	38.5

Instrument :

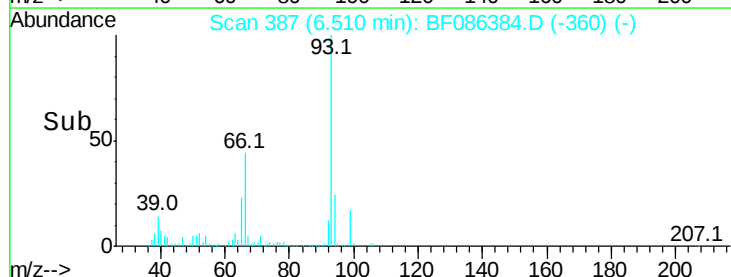
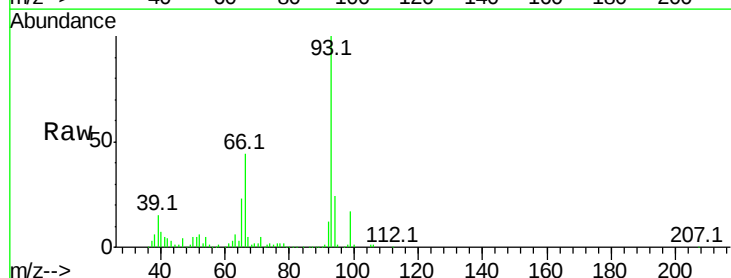
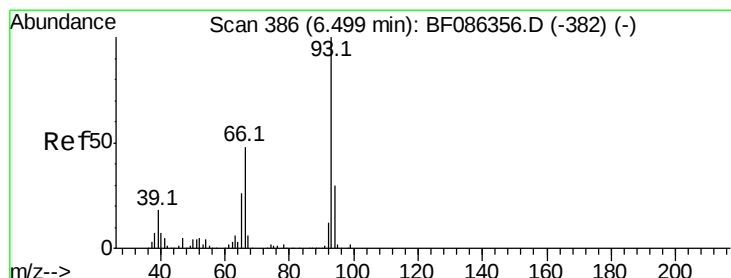
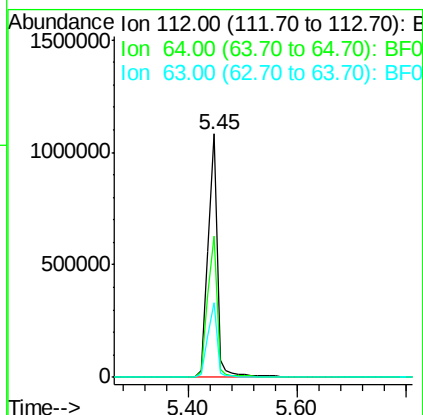
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ClientSampleId :

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#6

Aniline

Concen: 24.35 ng

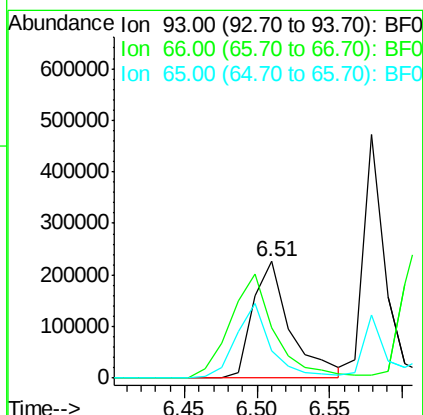
RT: 6.51 min Scan# 387

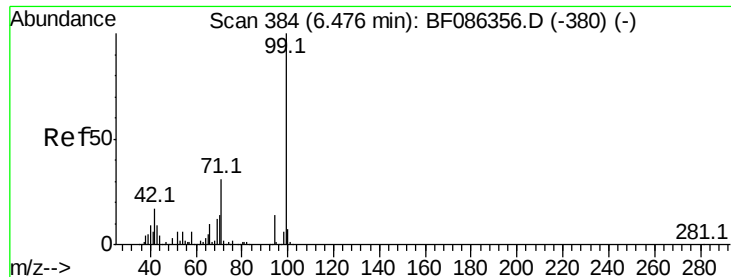
Delta R.T. 0.01 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion:	93	Resp:	407020
Ion Ratio	Lower	Upper	
93	100		
66	43.5	39.0	58.6
65	23.0	20.6	31.0





#7

Phenol-d6

Concen: 126.31 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1729844

Ion Ratio Lower Upper

99 100

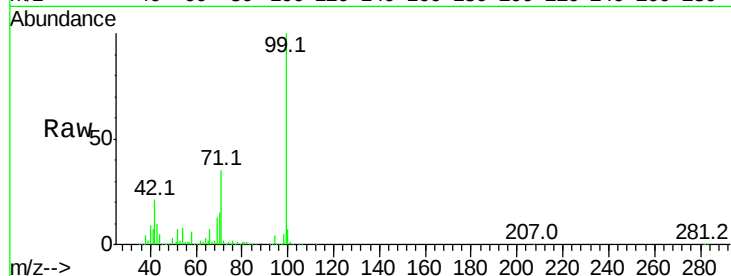
42 20.8 13.6 20.4#

71 34.5 24.6 36.8

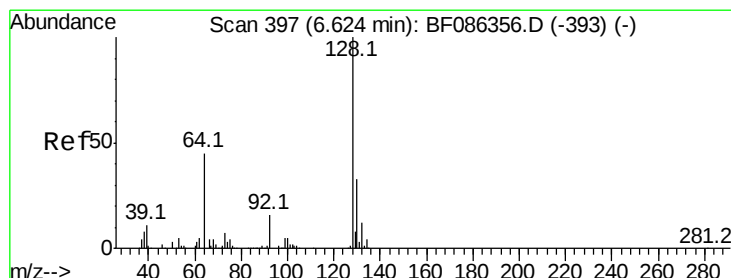
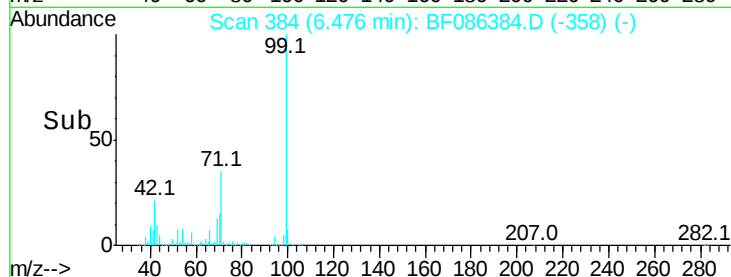
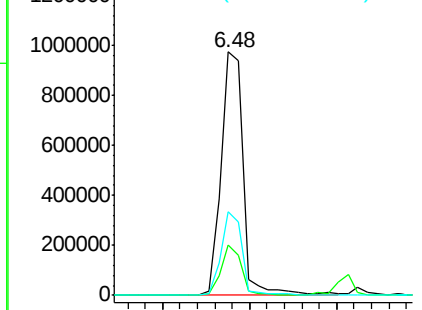
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.06 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

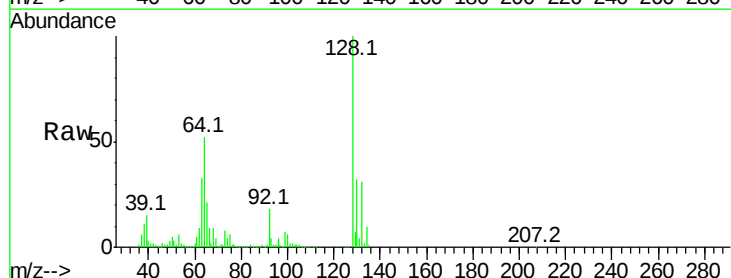
Tgt Ion: 128 Resp: 517293

Ion Ratio Lower Upper

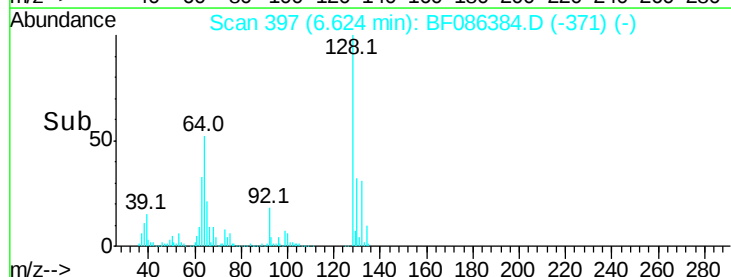
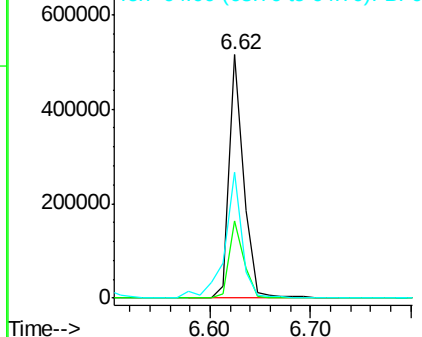
128 100

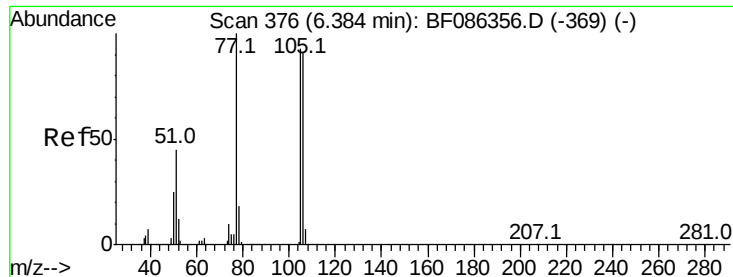
130 31.9 12.5 52.5

64 51.9 27.3 67.3



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





#9

Benzaldehyde

Concen: 13.45 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

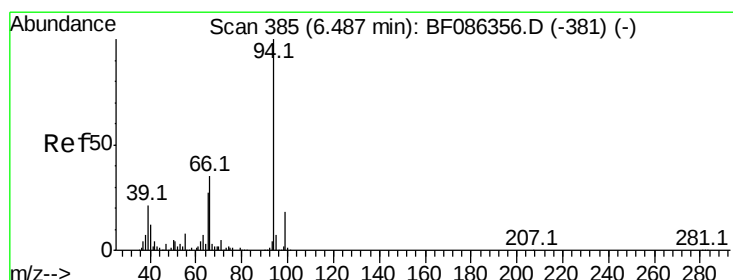
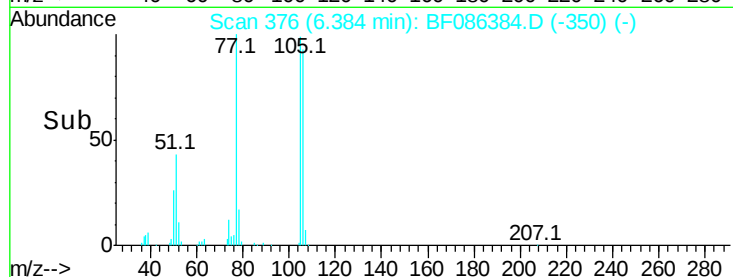
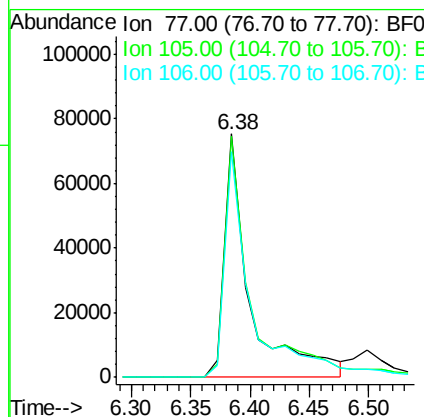
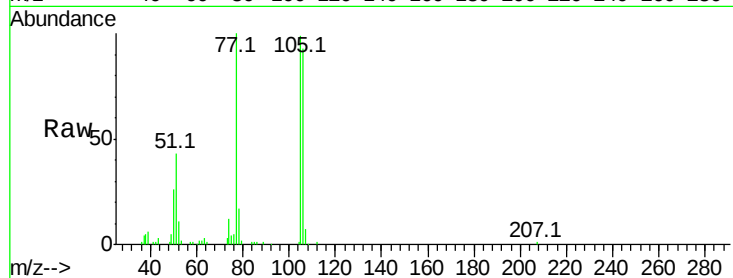
ClientSampleId :

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Tot Ion	77	Resp	111885
Ion Ratio	Lower	Upper	
77	100		
105	99.2	72.7	112.7
106	92.8	70.8	110.8



#10

Phenol

Concen: 39.01 ng

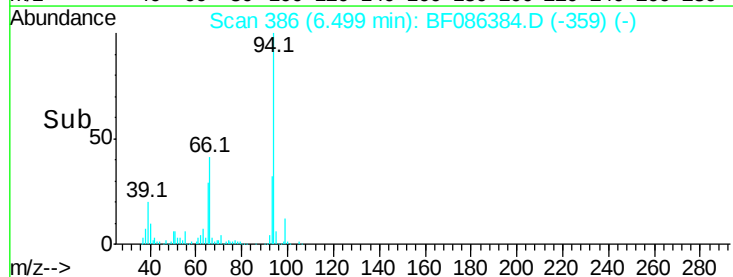
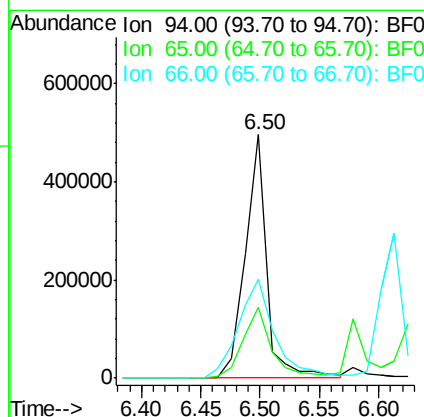
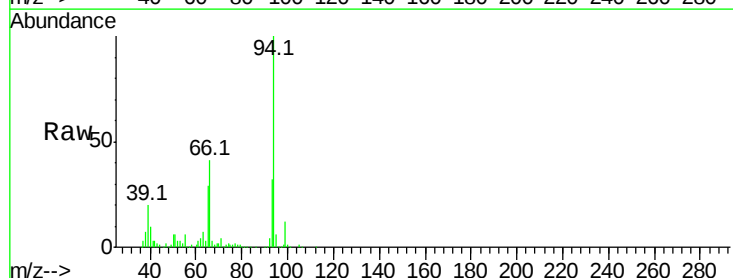
RT: 6.50 min Scan# 386

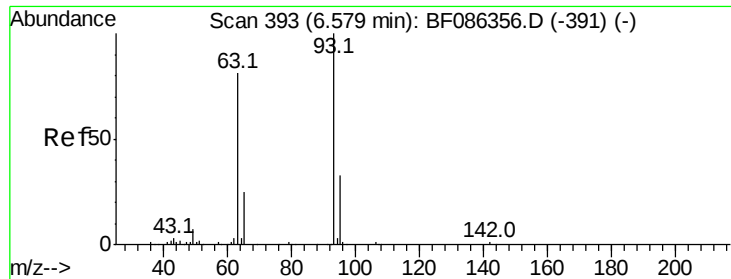
Delta R.T. 0.01 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion	94	Resp	630892
Ion Ratio	Lower	Upper	
94	100		
65	28.9	7.2	47.2
66	40.8	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 37.13 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

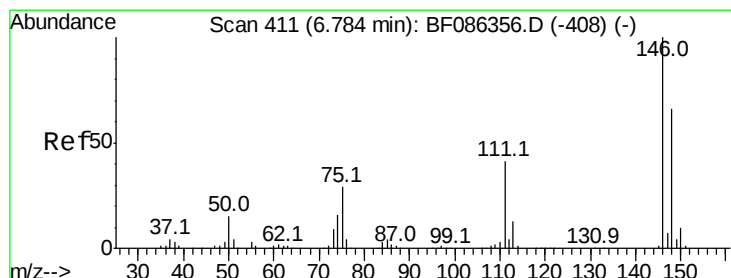
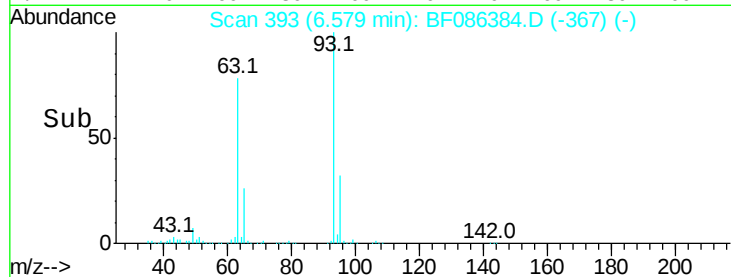
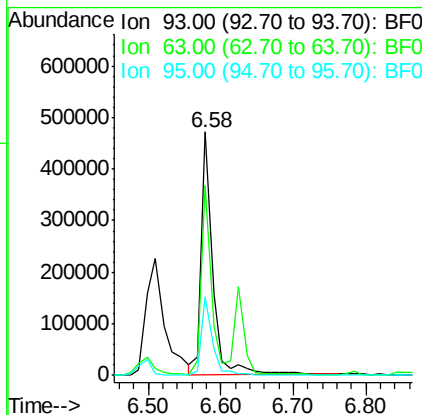
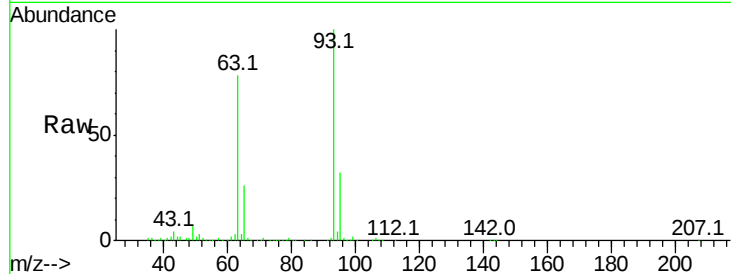
ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:	93	Resp:	522777
Ion Ratio	Lower	Upper	
93	100		
63	78.2	58.0	98.0
95	32.0	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 43.13 ng

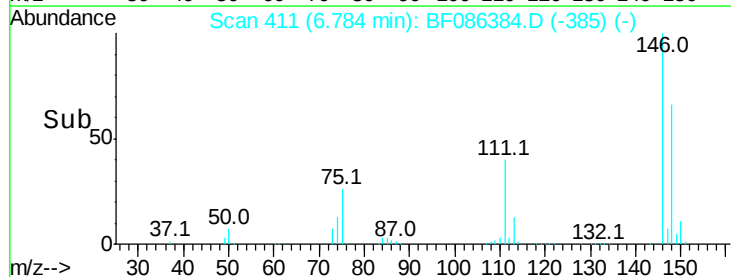
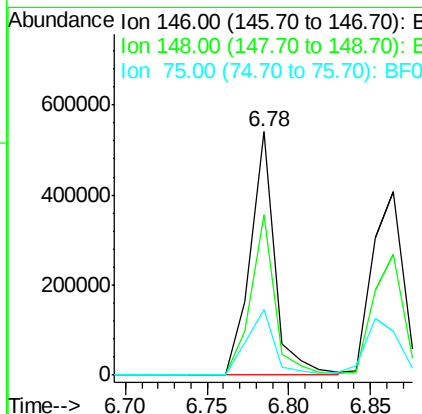
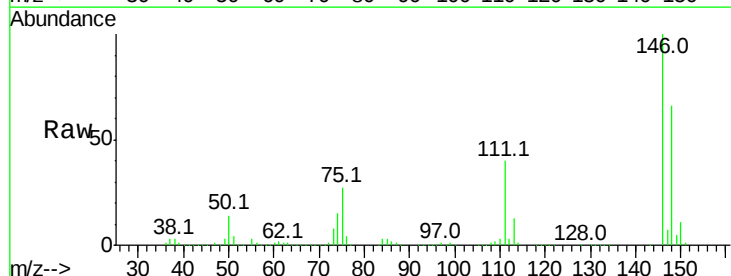
RT: 6.78 min Scan# 411

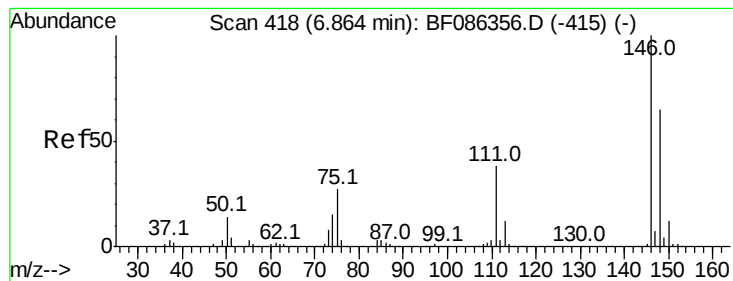
Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion:	146	Resp:	565776
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.4	78.6
75	26.9	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 40.96 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

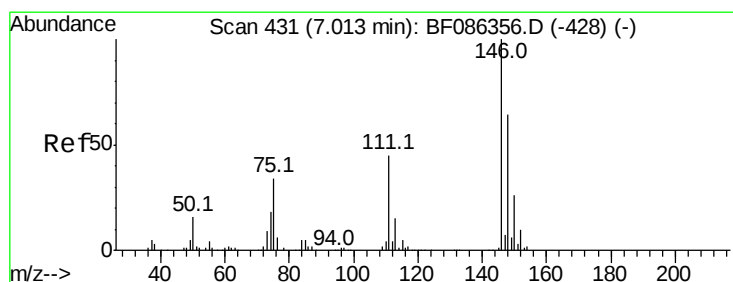
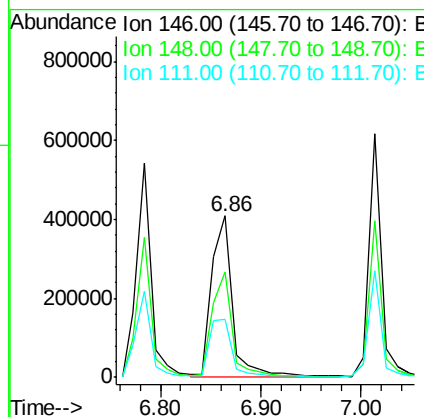
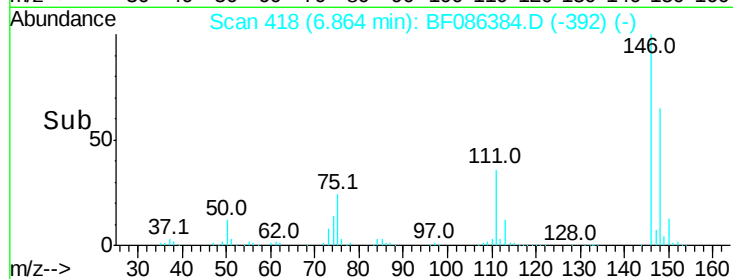
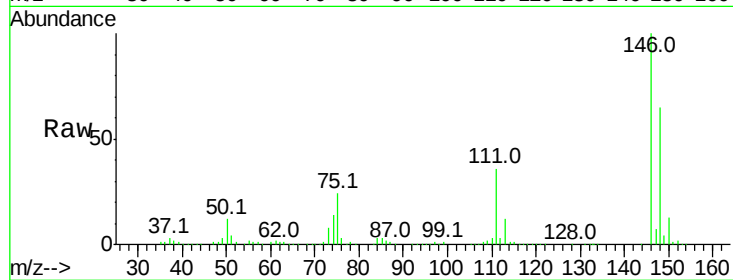
ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:	146	Resp:	590151
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.4
111	36.2	30.7	46.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.31 ng

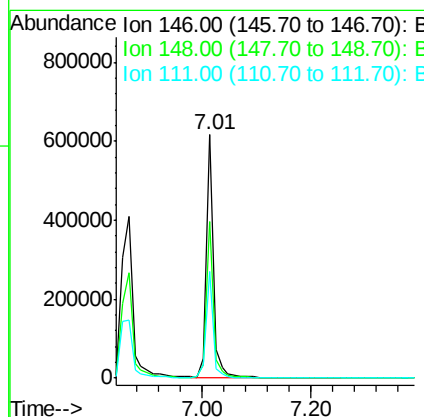
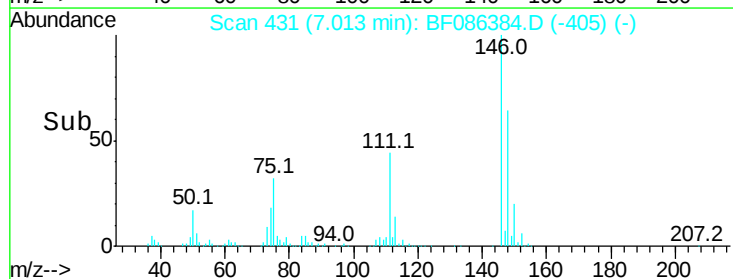
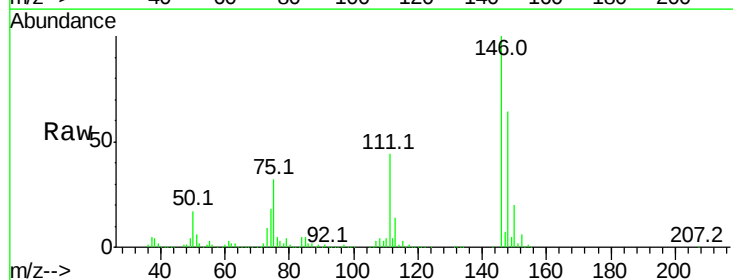
RT: 7.01 min Scan# 431

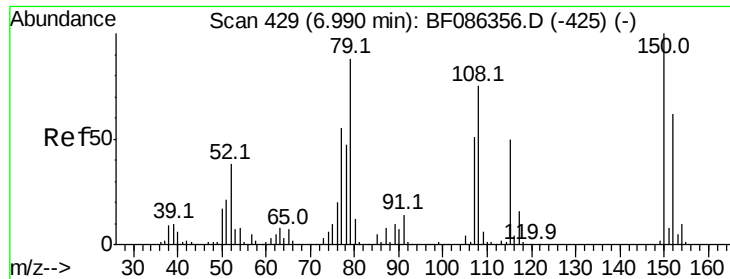
Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion:	146	Resp:	553873
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.0	76.6
111	43.8	36.2	54.4





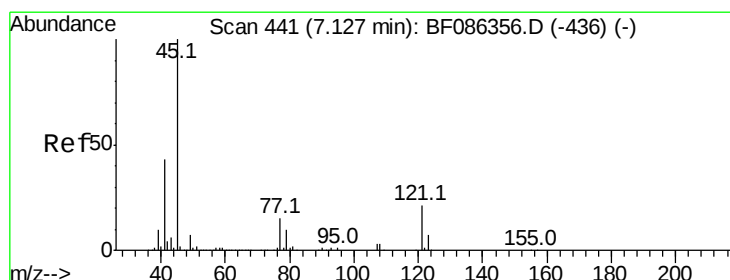
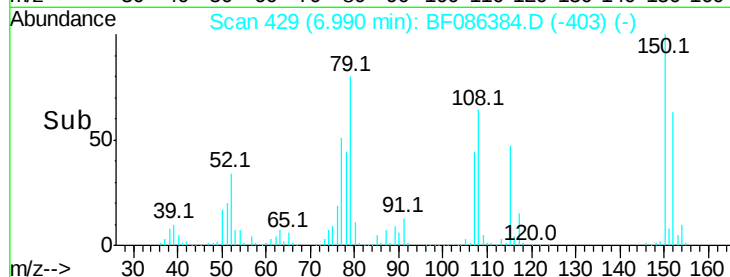
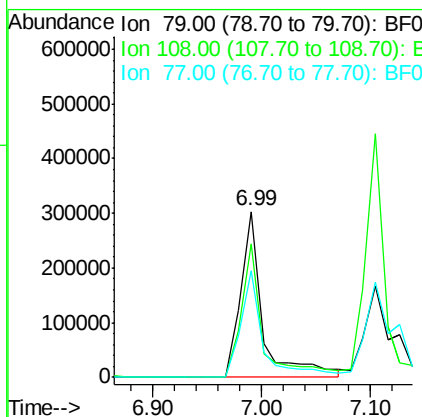
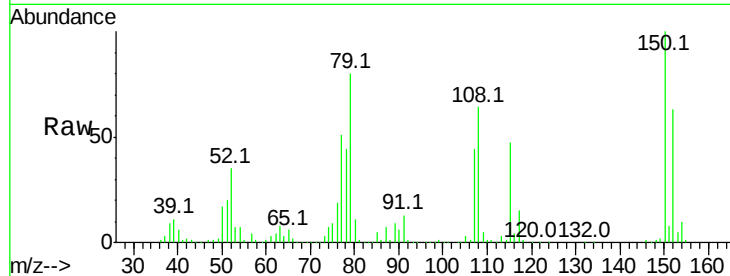
#15
Benzyl Alcohol
Concen: 52.34 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion: 79 Resp: 425448
Ion Ratio Lower Upper
79 100
108 80.5 68.4 102.6
77 64.2 50.6 76.0

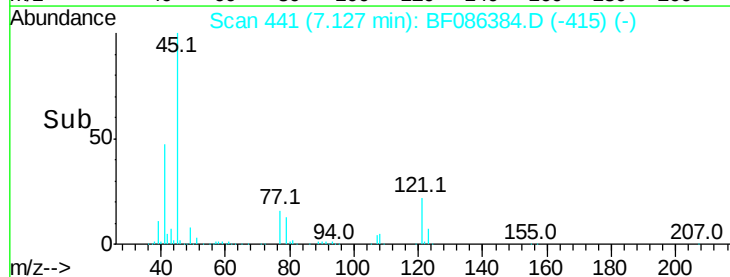
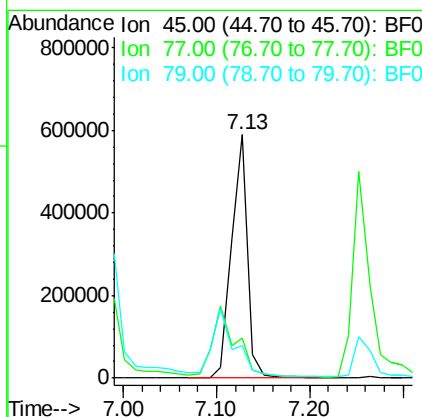
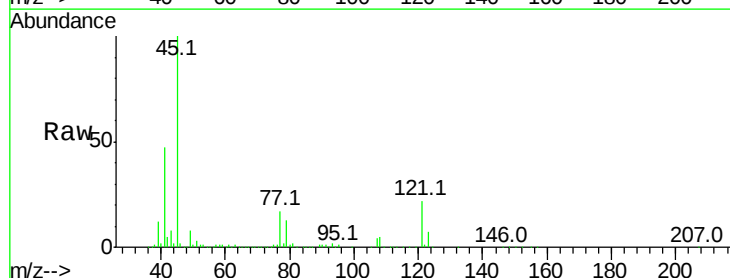
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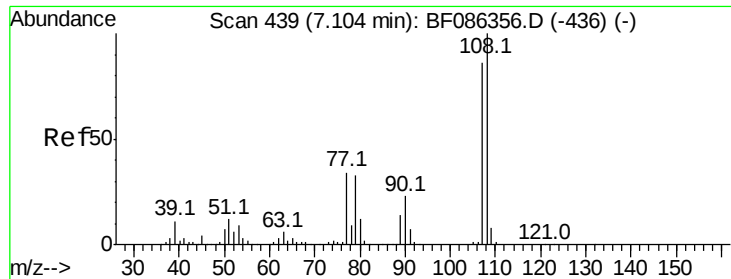
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.49 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion: 45 Resp: 710280
Ion Ratio Lower Upper
45 100
77 16.6 0.0 36.4
79 13.4 0.0 33.4





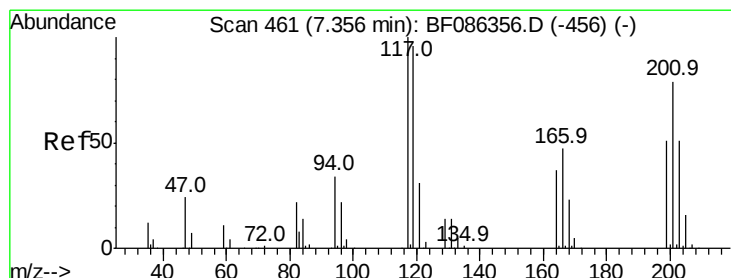
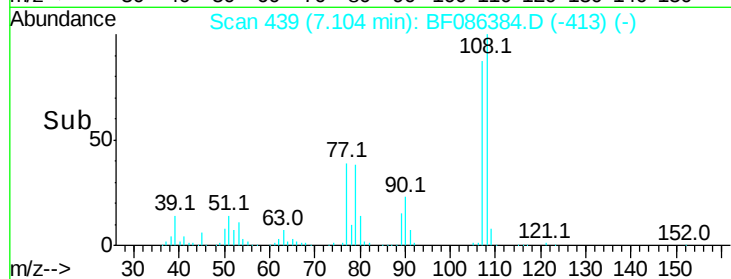
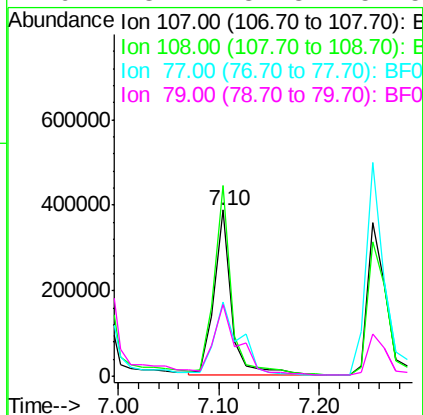
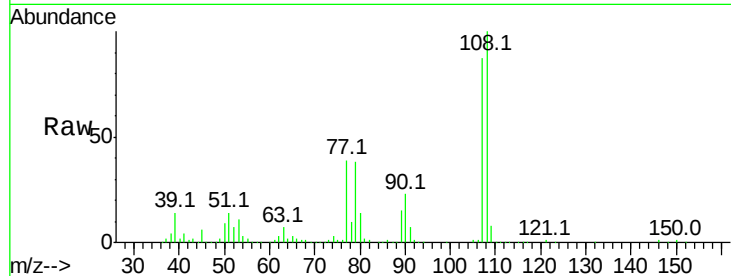
#17
2-Methylphenol
Concen: 46.46 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	468242		
108	114.7	93.7	140.5		
77	45.1	33.4	50.0		
79	43.1	34.3	51.5		

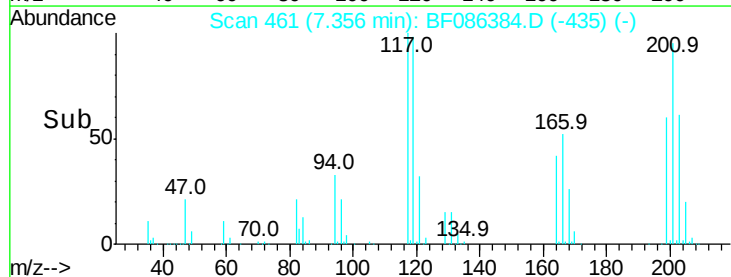
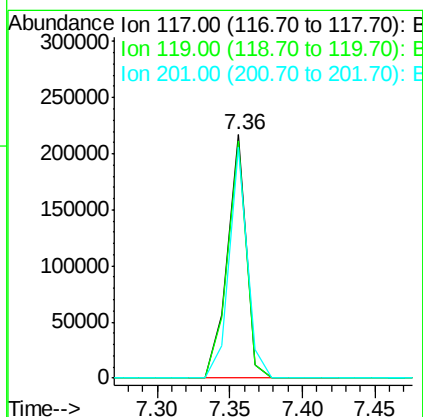
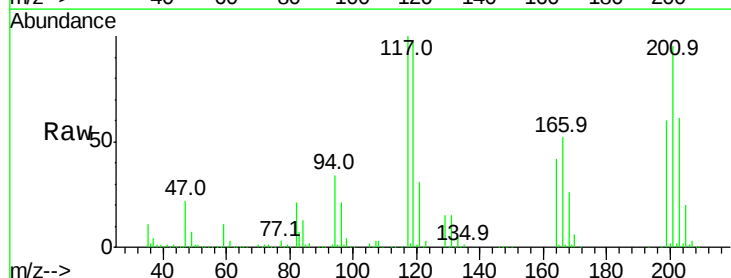
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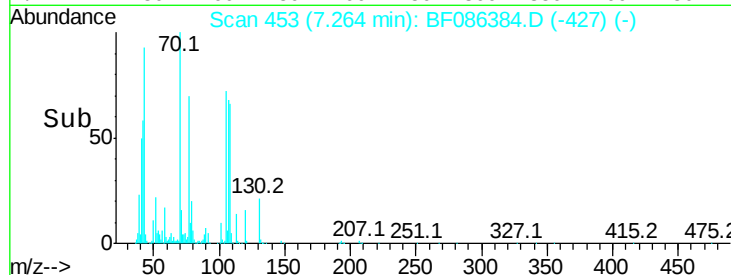
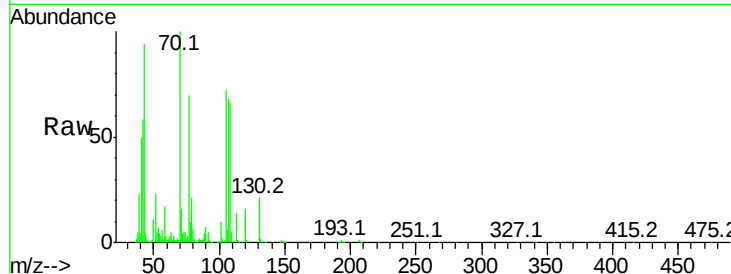
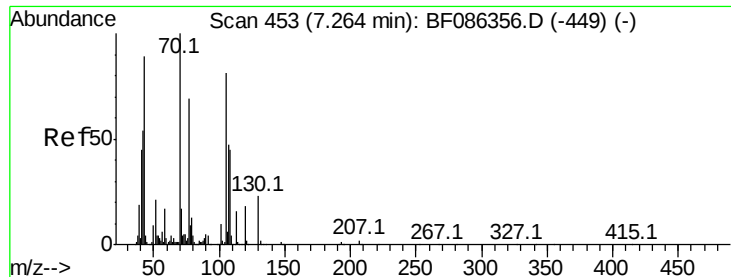
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#18
Hexachloroethane
Concen: 40.50 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	196536		
119	97.4	76.5	114.7		
201	95.0	63.0	94.6#		





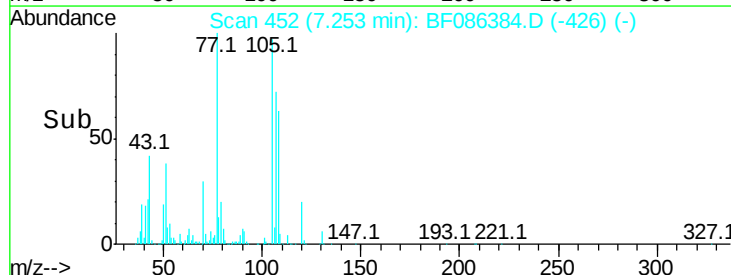
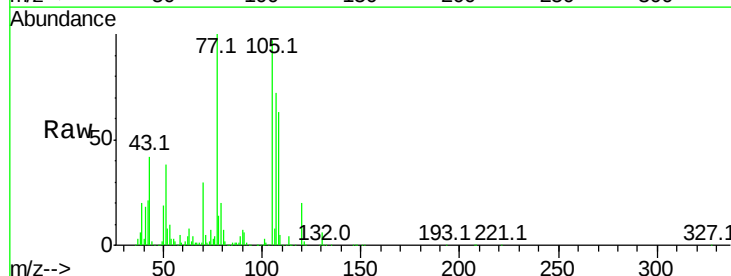
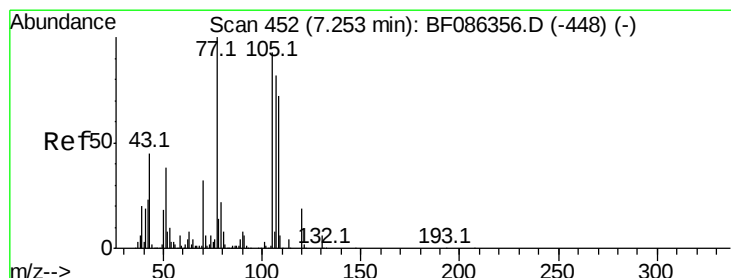
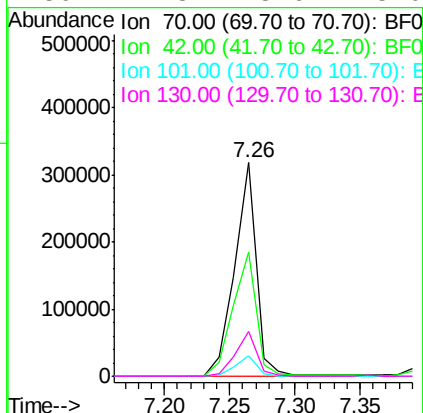
#19
n-Nitroso-di-n-propylamine
Concen: 44.83 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Manual Integrations
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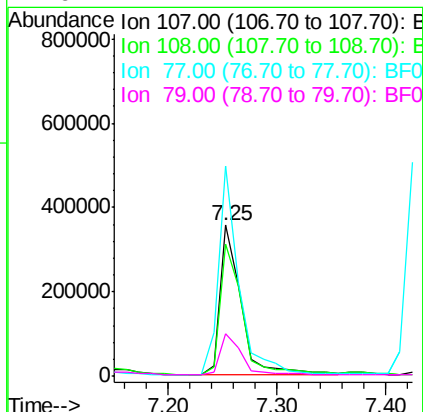
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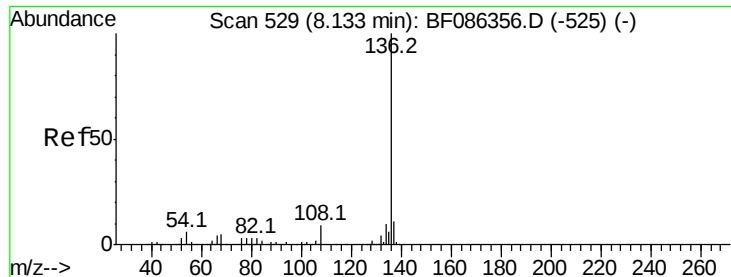
Tot Ion	Ratio	Lower	Upper
70	100		
42	58.4	43.1	64.7
101	9.6	8.1	12.1
130	21.3	18.6	28.0



#20
3+4-Methylphenols
Concen: 44.61 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.5	108.5
77	139.3	101.6	141.6
79	27.7	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: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

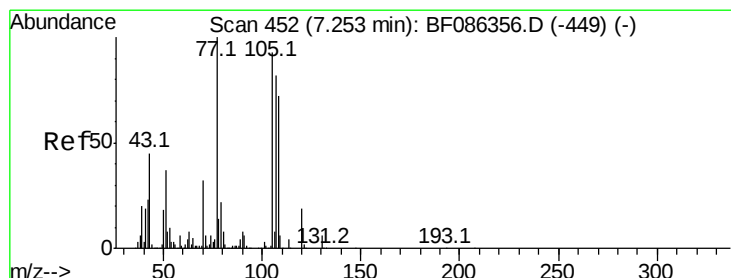
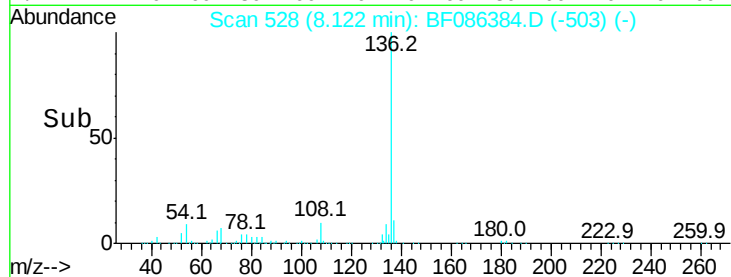
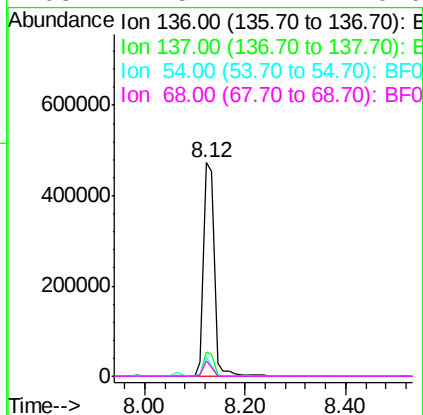
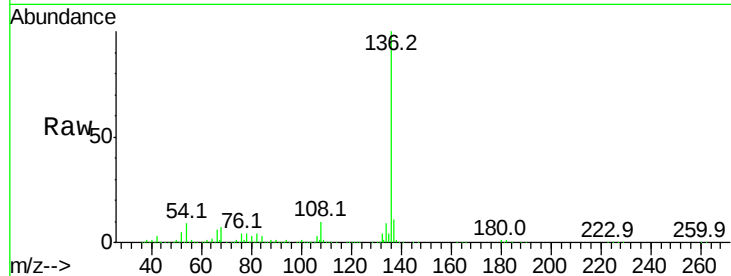
ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

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Tot Ion	Ratio	Resp	Lower	Upper
136	100	715765		
137	11.4	8.8	13.2	
54	8.9	5.0	7.4	
68	7.5	4.4	6.6	



#22

Acetophenone

Concen: 46.72 ng

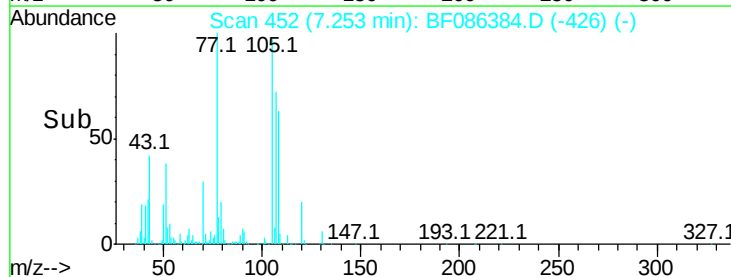
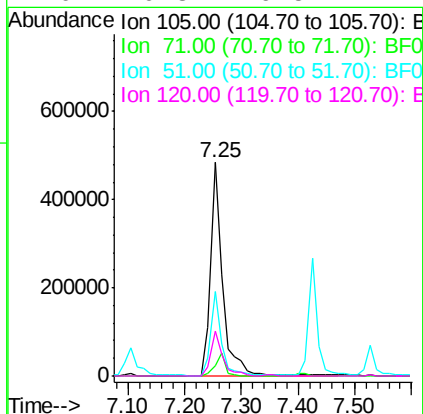
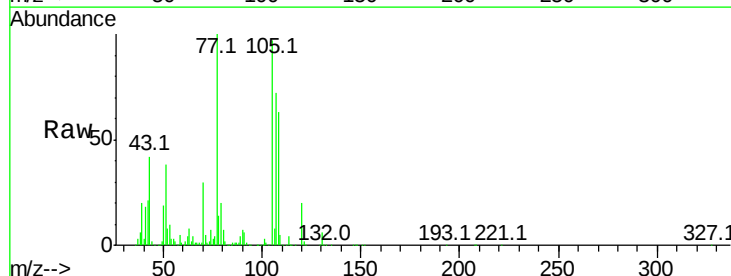
RT: 7.25 min Scan# 452

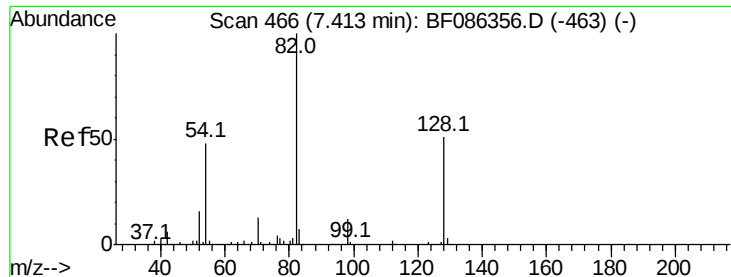
Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	701473		
71	5.1	4.8	7.2	
51	39.4	32.6	49.0	
120	20.8	16.5	24.7	





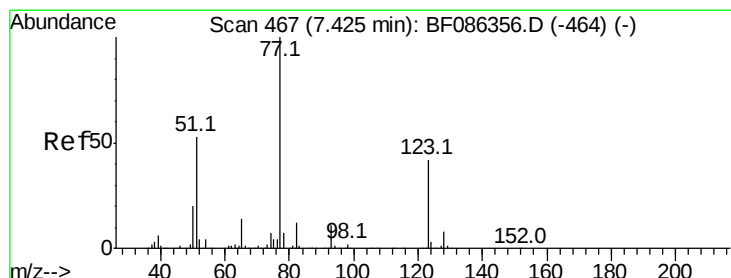
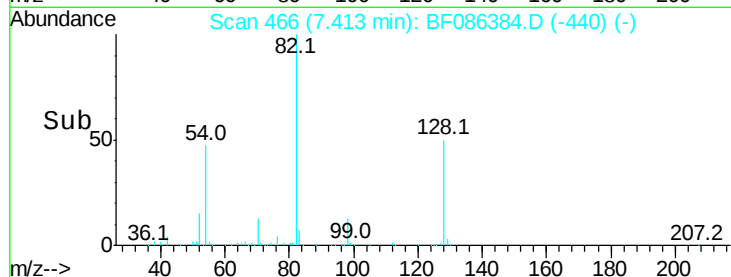
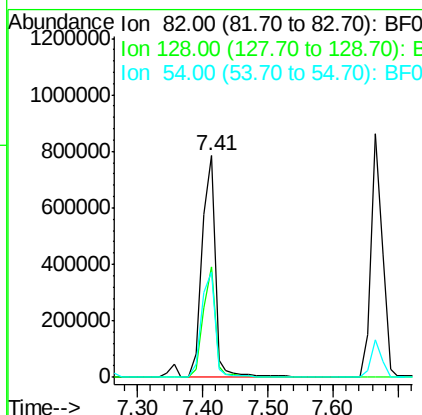
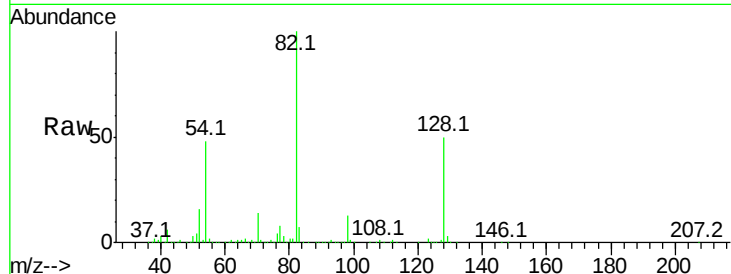
#23
Nitrobenzene-d5
Concen: 91.29 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.6	61.0
54	47.7	38.1	57.1

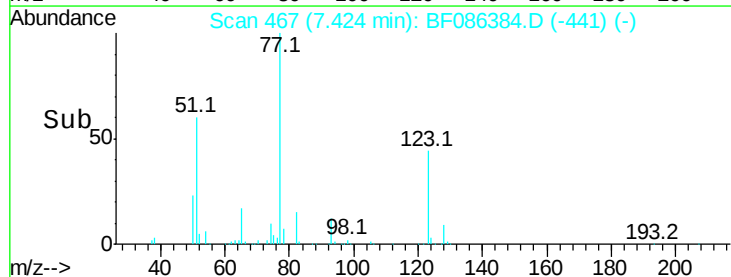
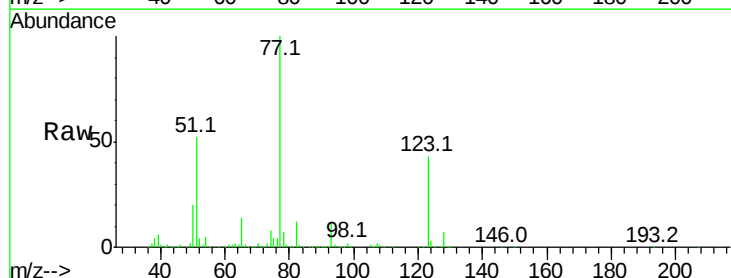
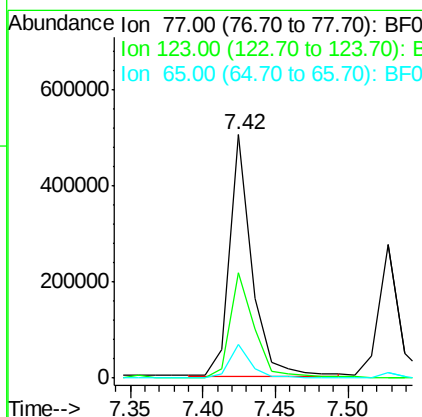
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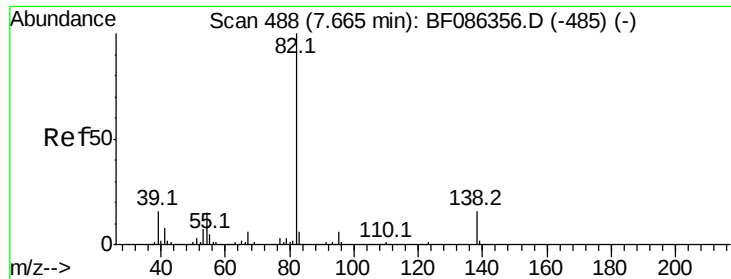
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#24
Nitrobenzene
Concen: 41.70 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	33.0	49.4
65	13.7	10.8	16.2





#25

Isophorone

Concen: 42.73 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion: 82 Resp: 1011749

Ion Ratio Lower Upper

82 100

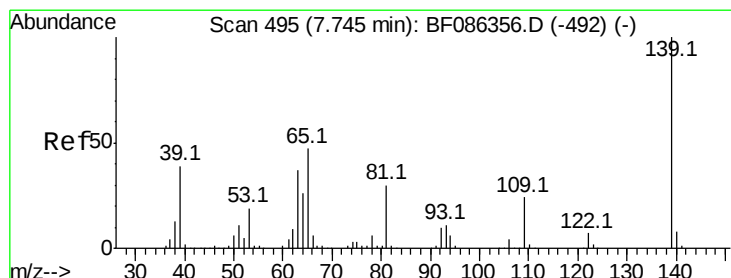
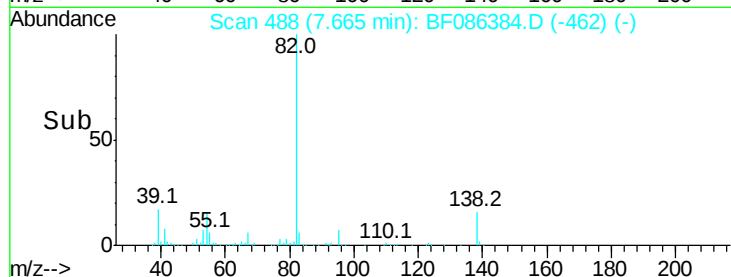
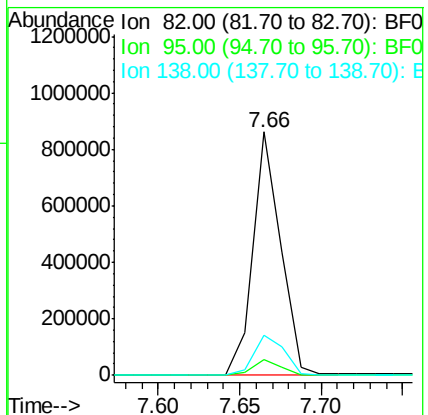
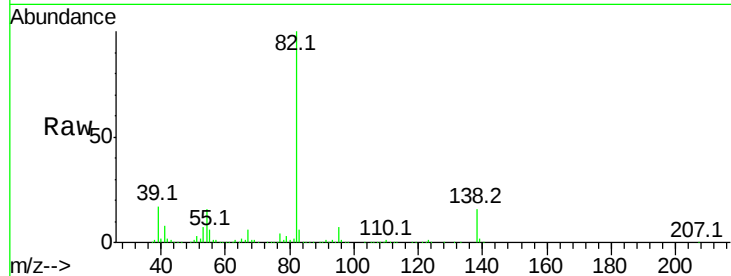
95 6.7 5.1 7.7

138 16.4 12.4 18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.35 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

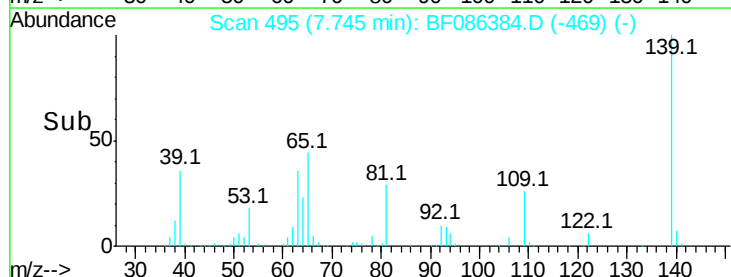
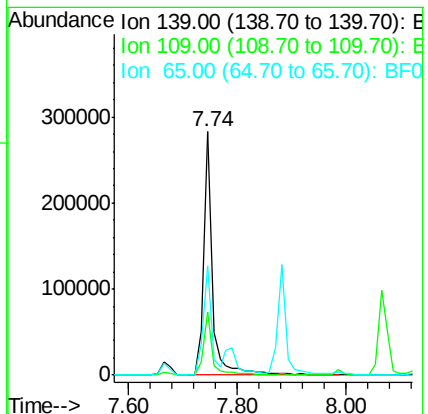
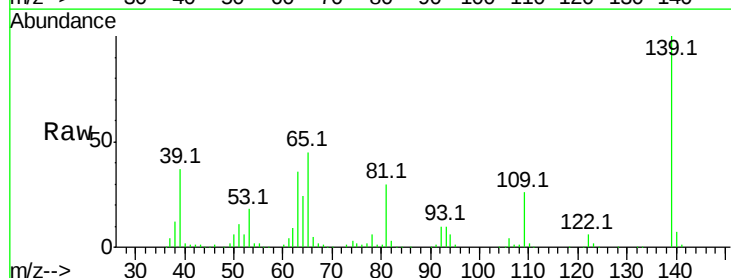
Tgt Ion: 139 Resp: 315985

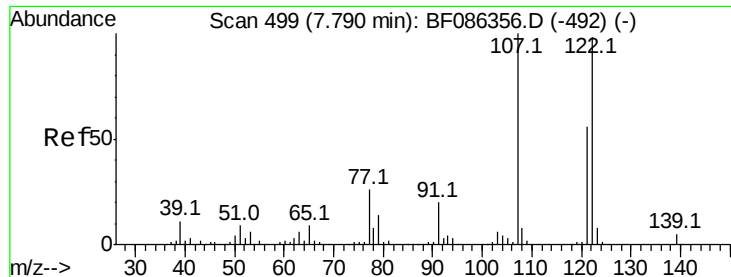
Ion Ratio Lower Upper

139 100

109 25.8 19.5 29.3

65 45.1 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 44.82 ng/mL

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

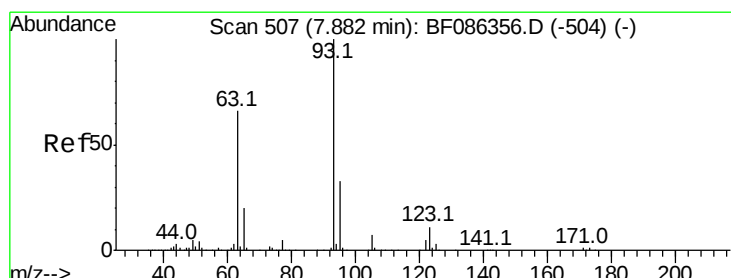
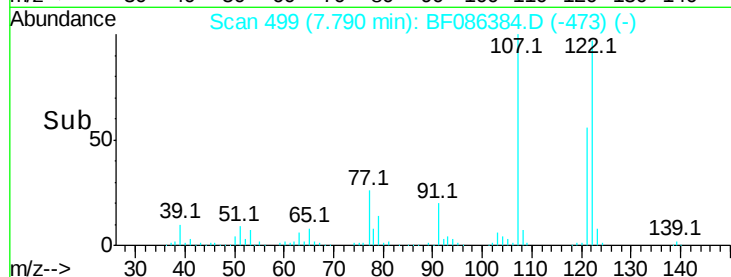
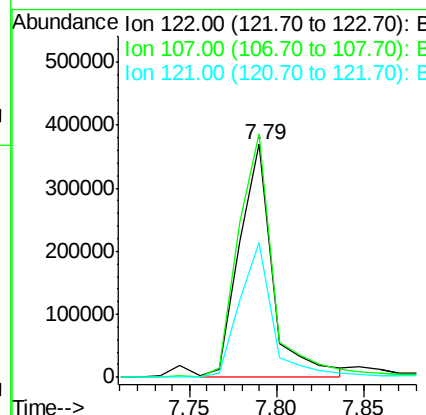
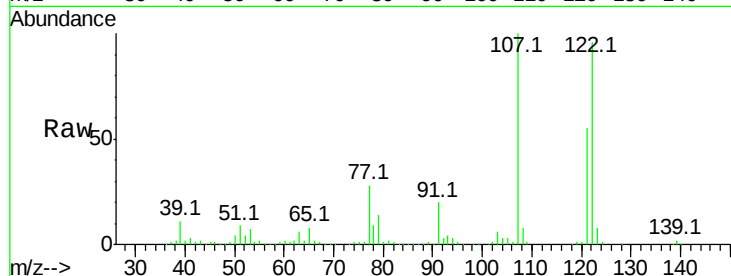
ClientSampleID :

CEDAR-HILL-TF-PS-001MSD

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Tot Ion:	122	Resp:	491445
Ion Ratio	Lower	Upper	
122	100		
107	104.4	82.0	123.0
121	57.9	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 49.51 ng/mL

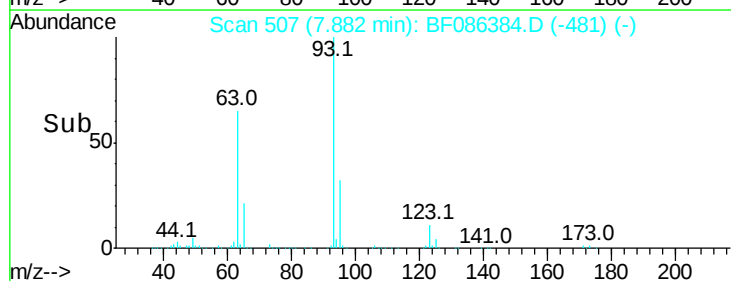
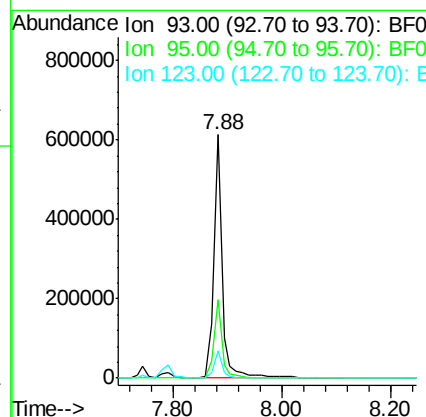
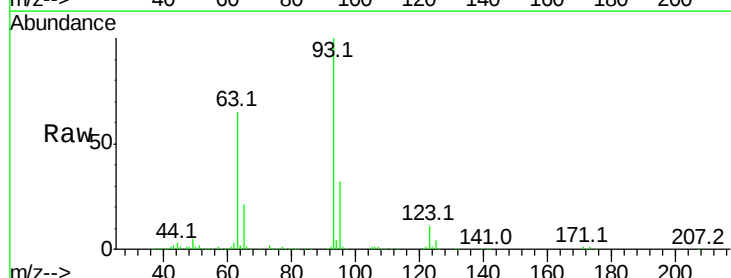
RT: 7.88 min Scan# 507

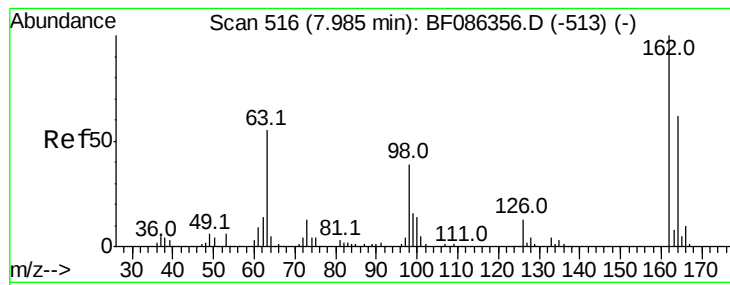
Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion:	93	Resp:	654634
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.0	39.0
123	11.1	9.5	14.3





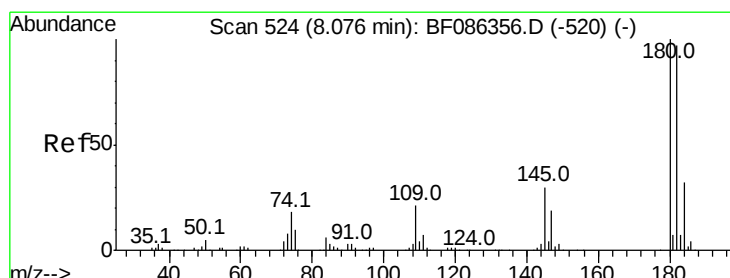
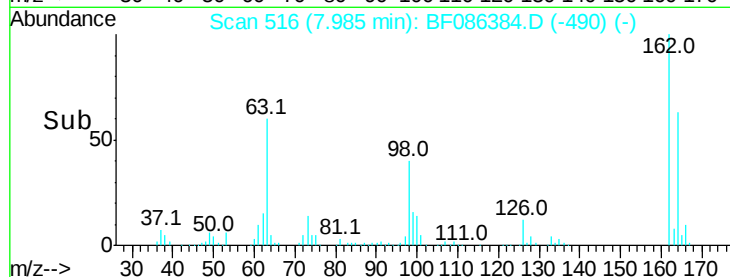
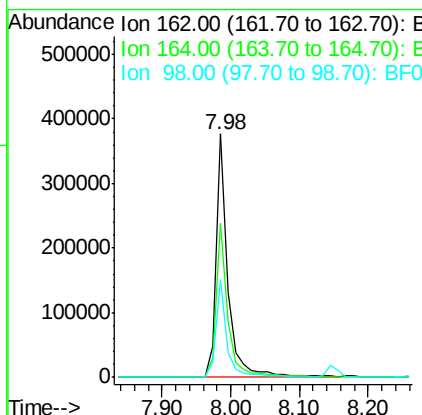
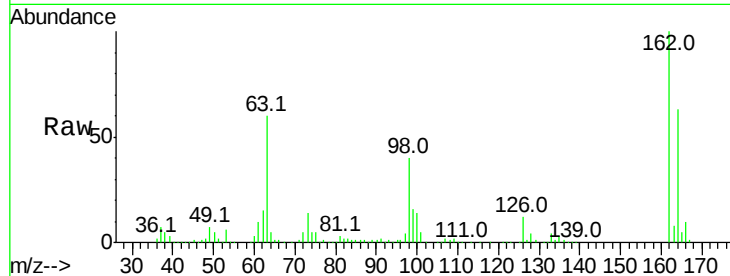
#29
 2,4-Dichlorophenol
 Concen: 50.68 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	459394		
164	63.1	42.2	82.2	
98	40.1	19.0	59.0	

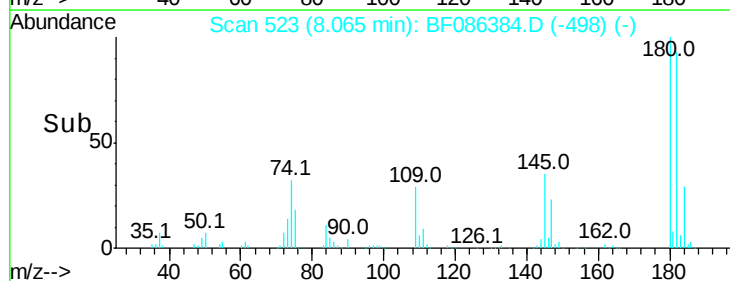
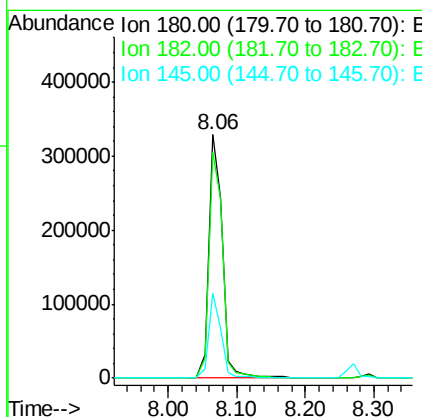
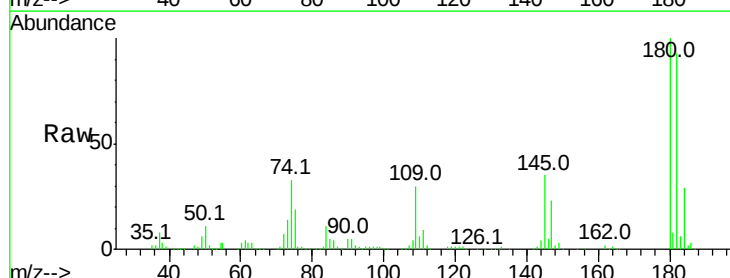
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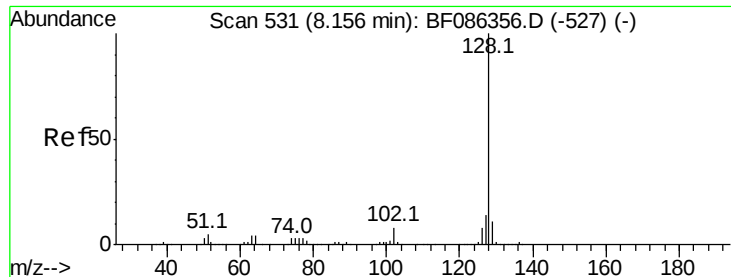
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.10 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	453845		
182	92.5	78.0	117.0	
145	35.0	24.2	36.2	





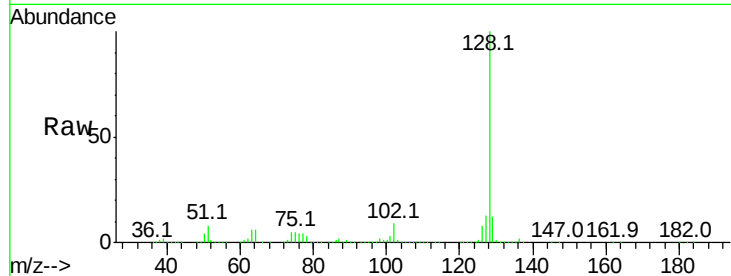
#31
Naphthalene
Concen: 42.81 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

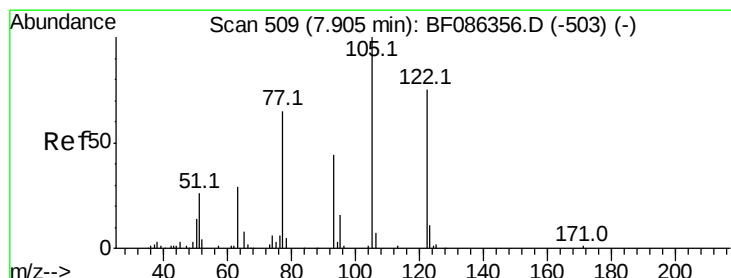
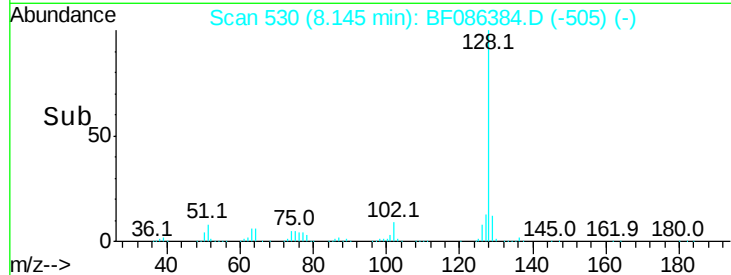
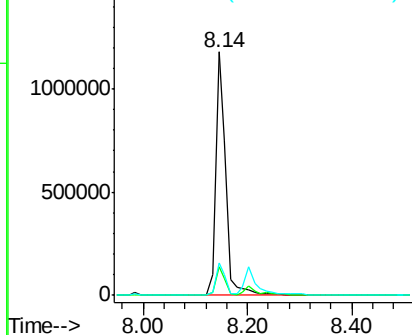
Tot Ion:128 Resp: 1561091
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.4 10.8 16.2

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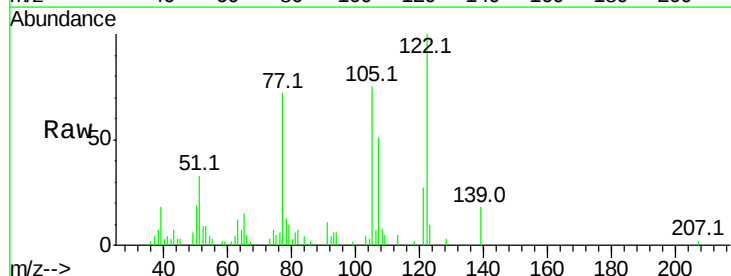


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

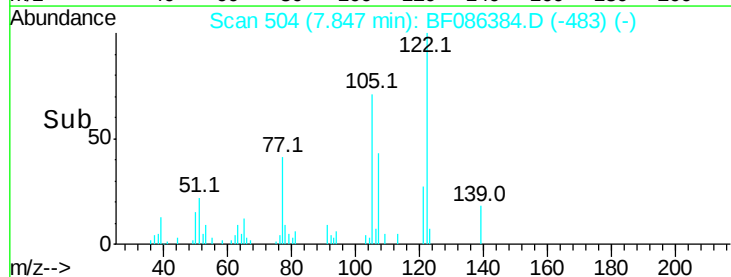
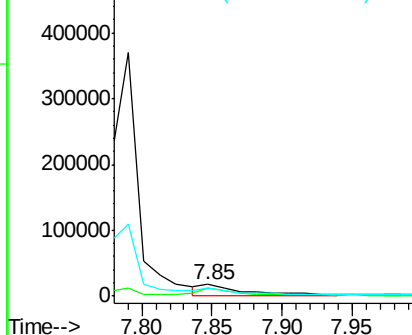


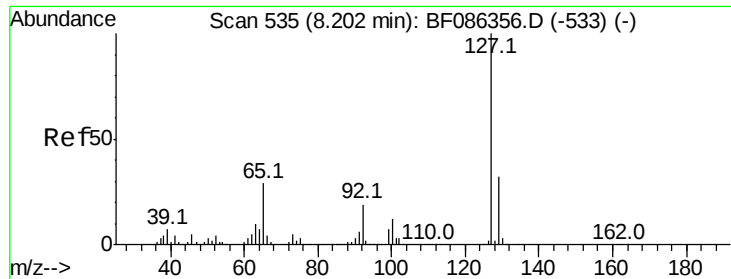
#32
Benzoic acid
Concen: 6.28 ng m
RT: 7.85 min Scan# 504
Delta R.T. -0.06 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:122 Resp: 44035
Ion Ratio Lower Upper
122 100
105 75.4 92.6 132.6#
77 71.7 60.0 100.0



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





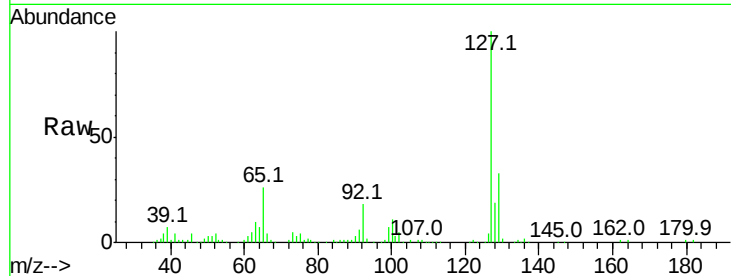
#33
4-Chloroaniline
Concen: 17.32 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Instrument :
BNA_F
ClientSampleId :
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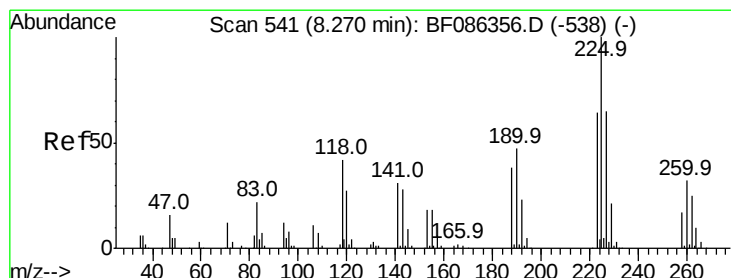
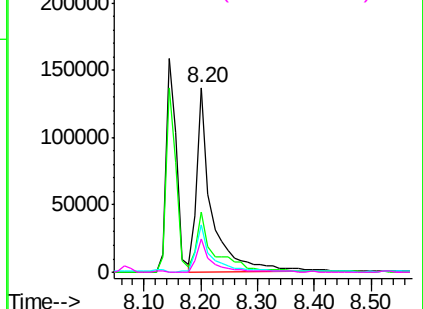
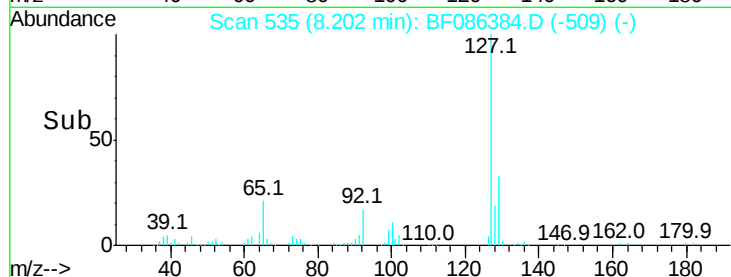
Tot Ion	Ratio	Resp	Lower	Upper
127	100	246013		
129	32.5	26.2	39.4	
65	25.7	23.0	34.4	
92	17.8	15.1	22.7	

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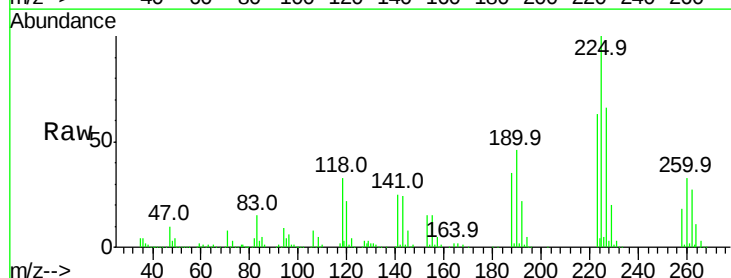


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

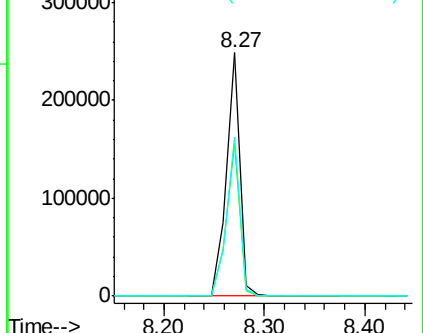
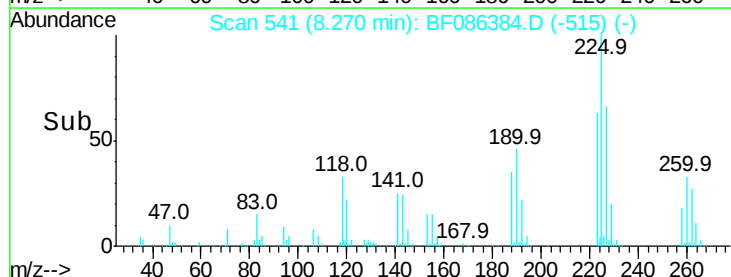


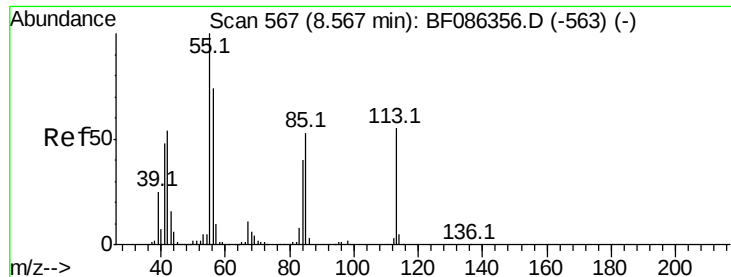
#34
Hexachlorobutadiene
Concen: 47.13 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	231693		
223	63.0	51.5	77.3	
227	65.5	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: 41.74 ng/mL

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

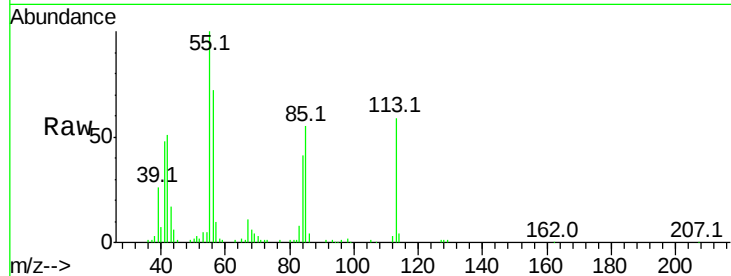
ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:	113	Resp:	135761
Ion Ratio	Lower	Upper	
113	100		
55	169.0	162.0	202.0
56	122.3	115.3	155.3

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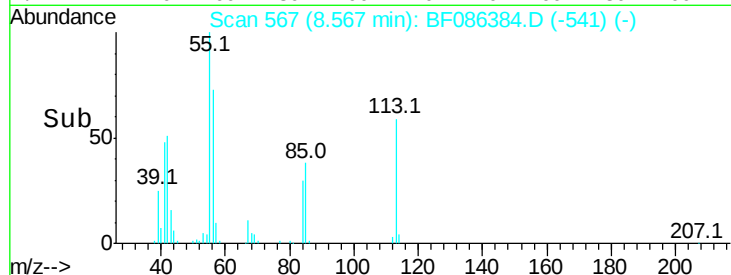


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

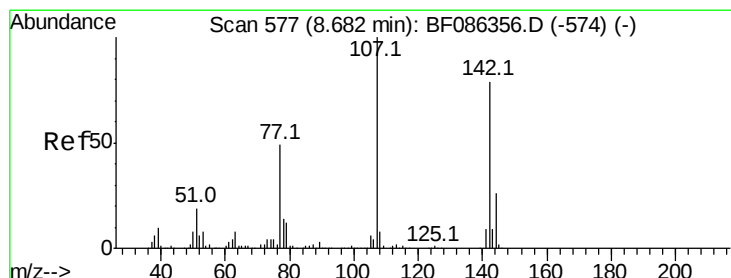
Ion 56.00 (55.70 to 56.70): BF0

Time-->



8.57

Time-->



#36

4-Chloro-3-methylphenol

Concen: 45.48 ng/mL

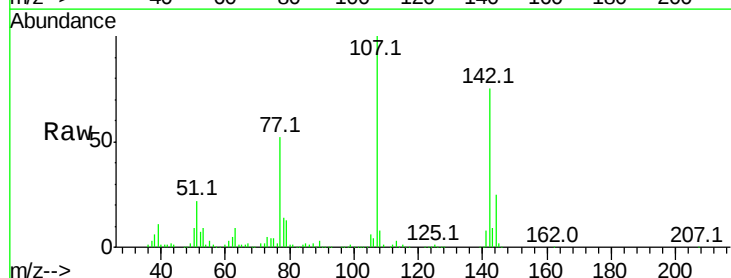
RT: 8.68 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion:	107	Resp:	489966
Ion Ratio	Lower	Upper	
107	100		
144	24.7	20.7	31.1
142	75.1	63.2	94.8

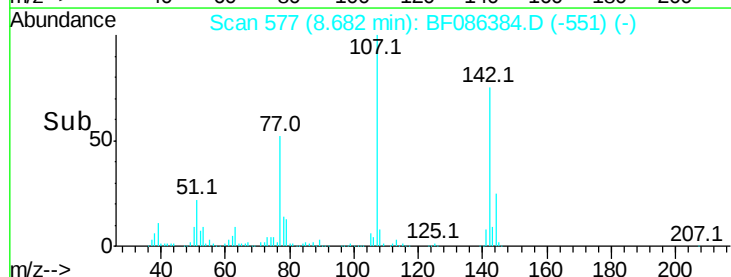


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

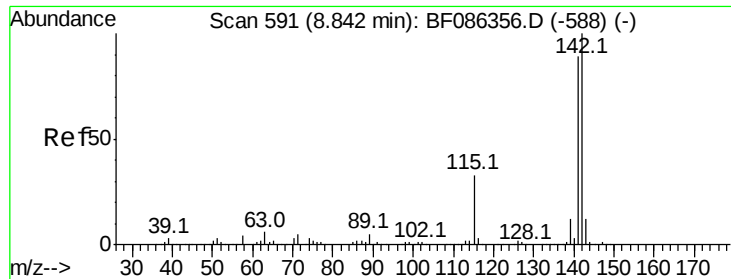
Ion 142.00 (141.70 to 142.70): E

Time-->



8.68

Time-->



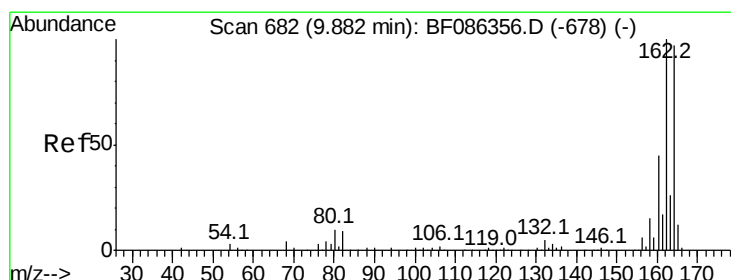
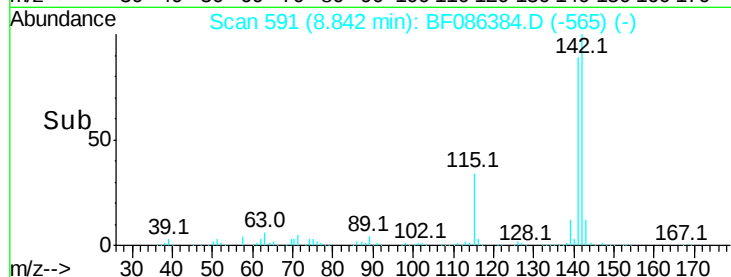
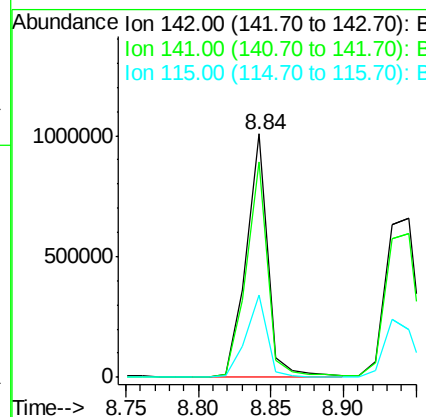
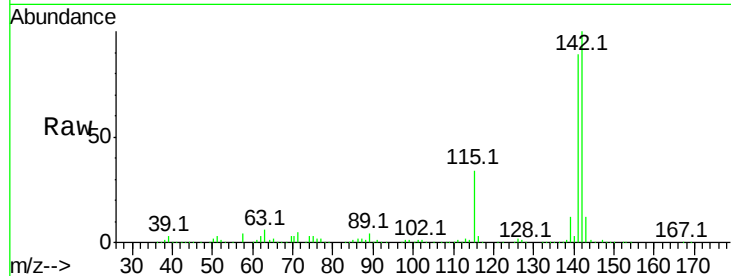
#37
2-Methylnaphthalene
Concen: 49.50 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	33.8	26.6	39.8

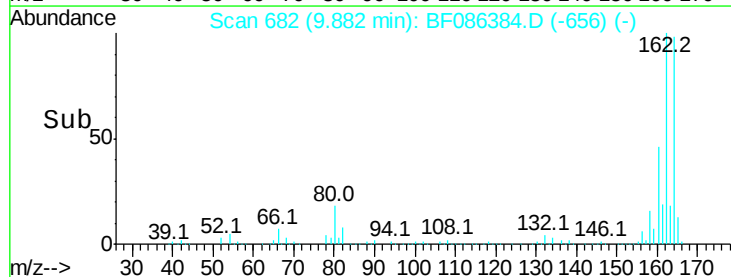
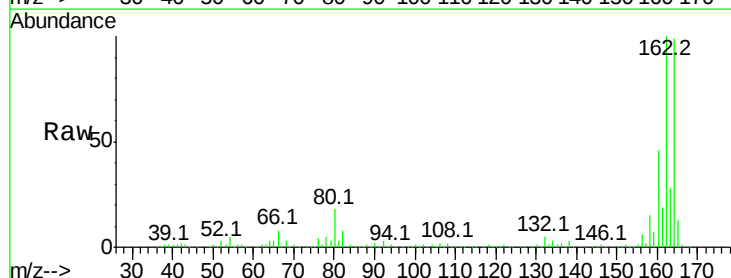
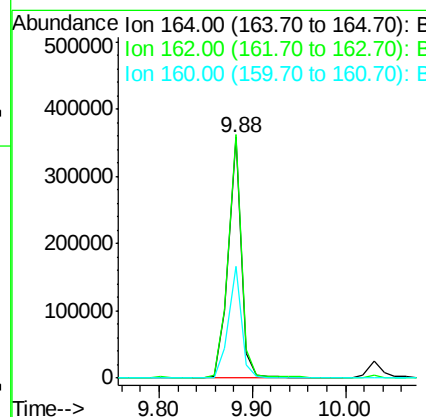
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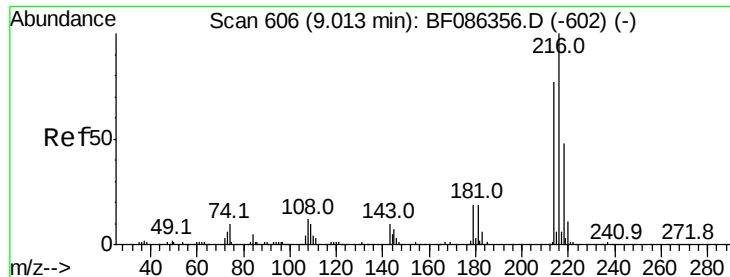
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.8	124.2
160	46.6	36.9	55.3





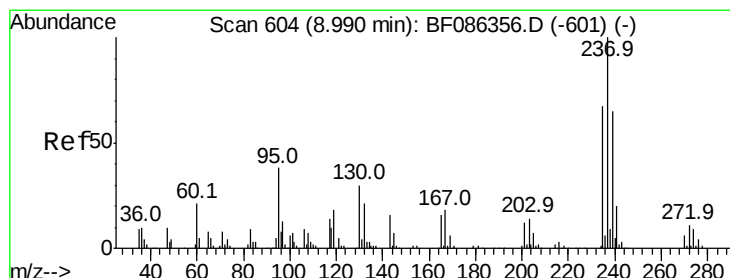
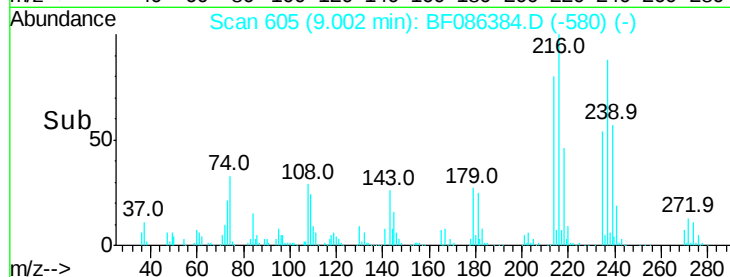
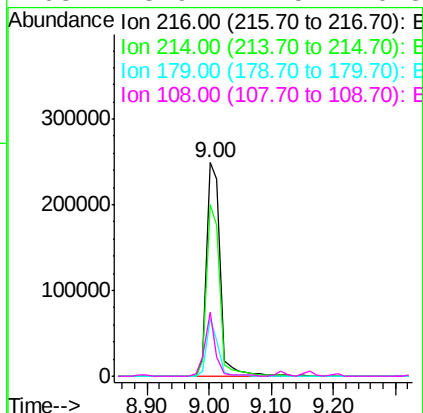
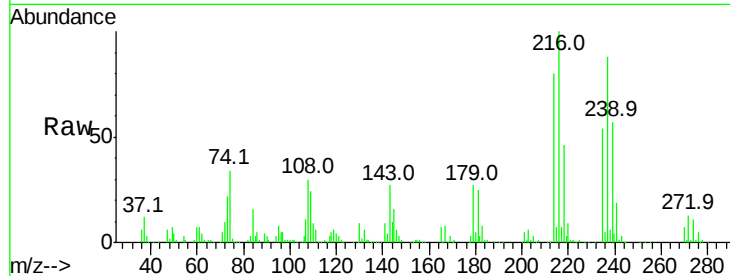
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.94 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

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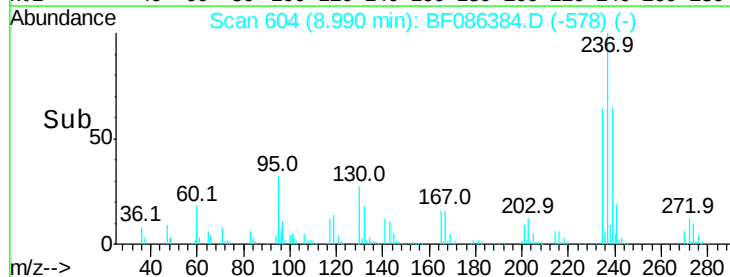
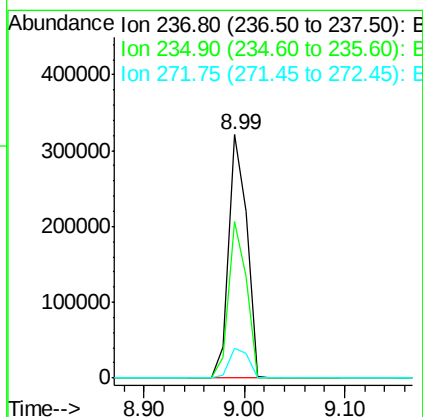
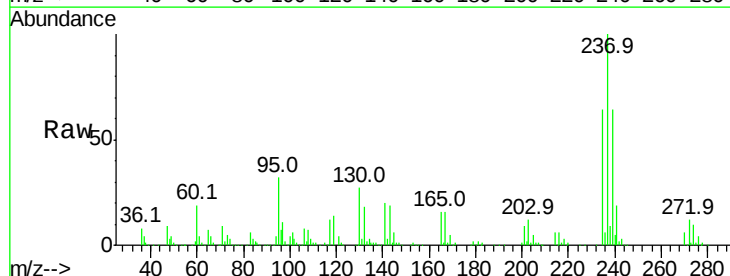
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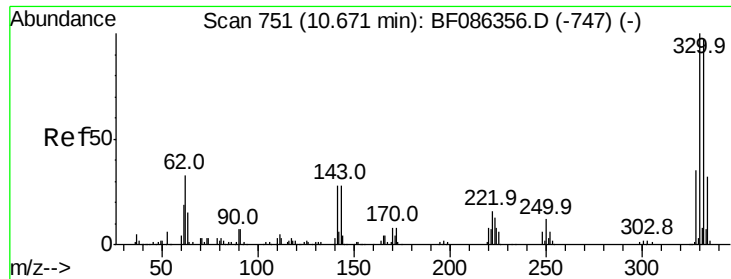
Tot Ion	Ratio	Resp	Lower	Upper
216	100	380805		
214	78.7	62.6	93.8	
179	22.6	18.2	27.4	
108	23.9	17.5	26.3	



#40
 Hexachlorocyclopentadiene
 Concen: 90.85 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	402936		
235	64.4	47.2	87.2	
272	12.1	0.0	31.1	





#41

2,4,6-Tribromophenol

Concen: 125.40 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

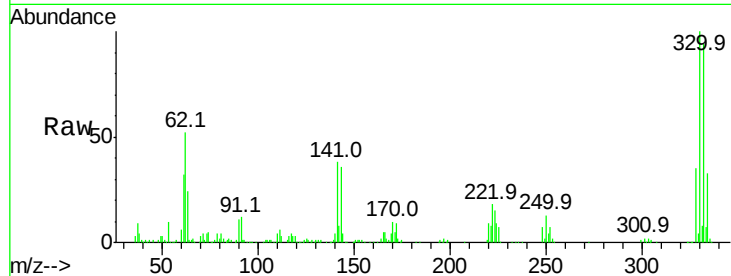
ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

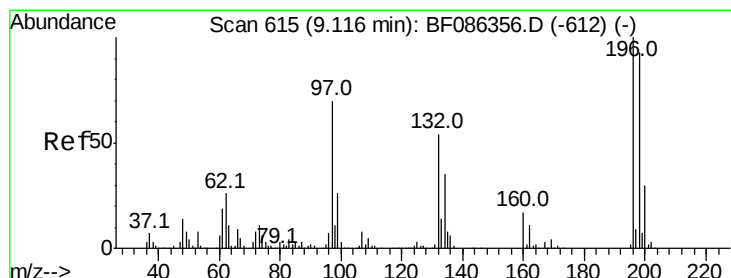
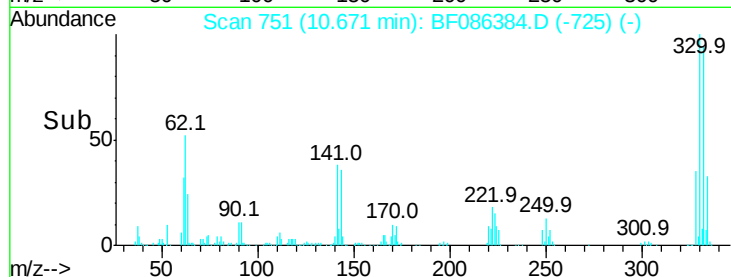
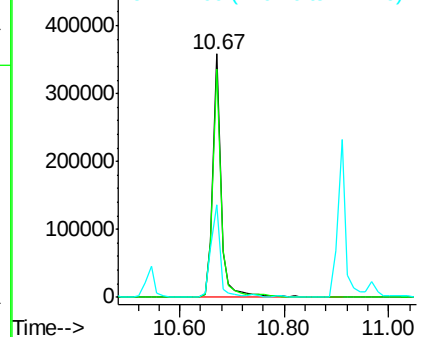
Tot Ion:	330	Resp:	398440
Ion Ratio	Lower	Upper	
330	100		
332	95.5	79.0	118.4
141	40.6	31.2	46.8

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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: 48.57 ng

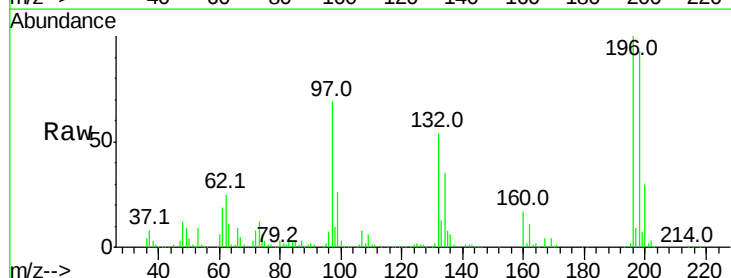
RT: 9.12 min Scan# 615

Delta R.T. -0.00 min

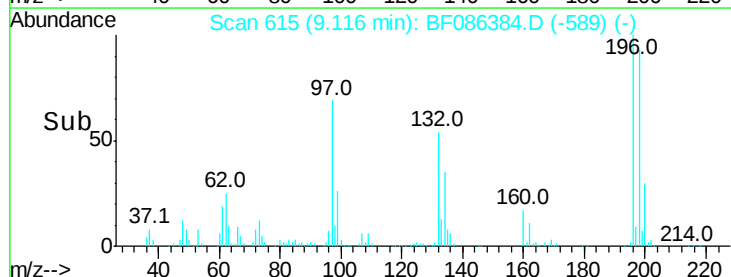
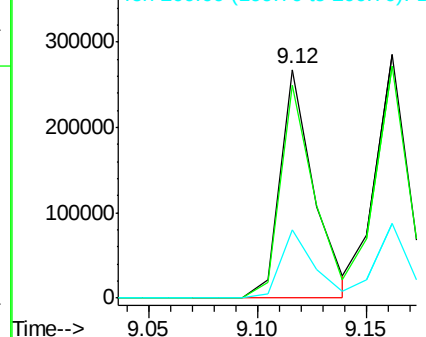
Lab File: BF086384.D

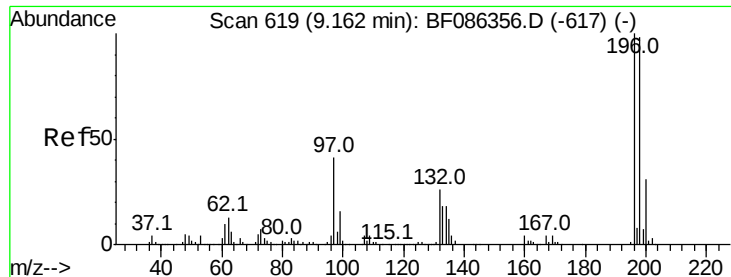
Acq: 23 Apr 2016 11:40

Tgt Ion:	196	Resp:	289163
Ion Ratio	Lower	Upper	
196	100		
198	93.4	74.7	112.1
200	29.8	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





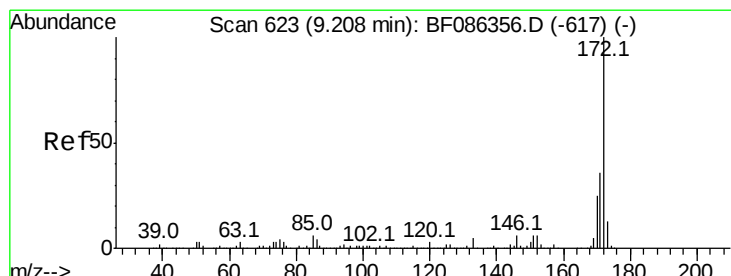
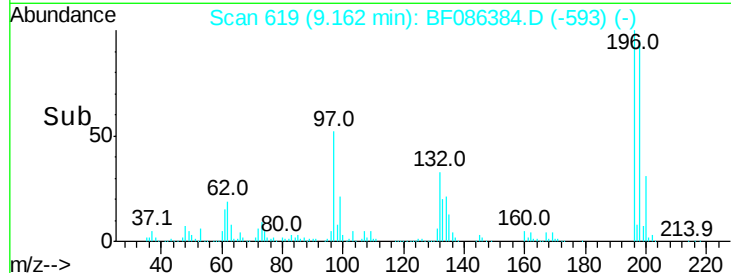
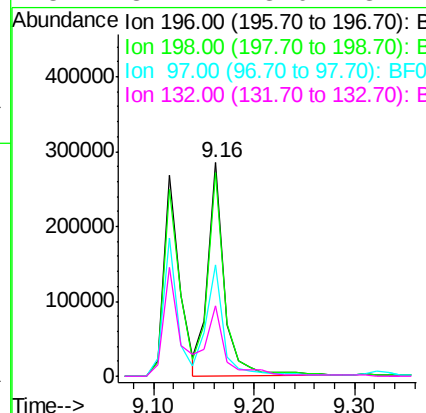
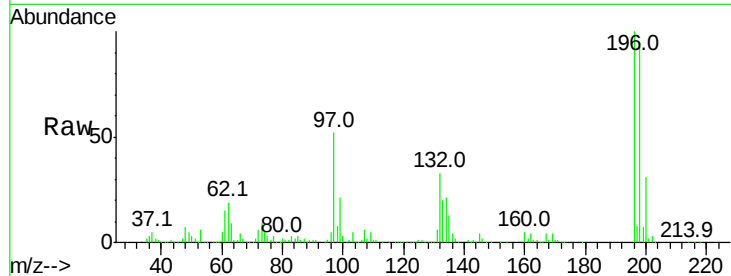
#43
 2,4,5-Trichlorophenol
 Concen: 44.38 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		325330		
198	95.4	77.5	116.3		
97	52.1	34.8	52.2		
132	32.7	23.0	34.4		

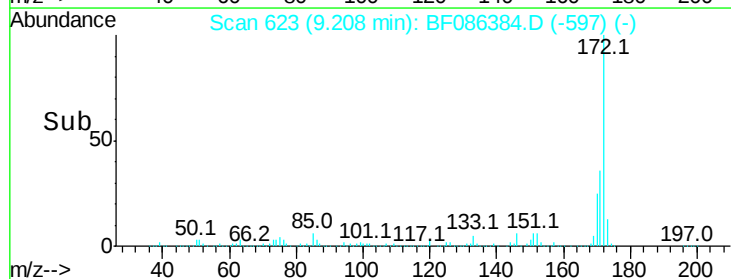
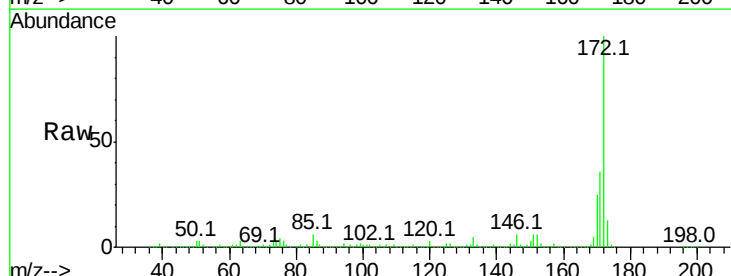
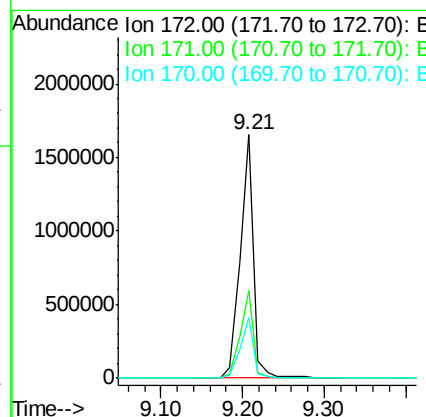
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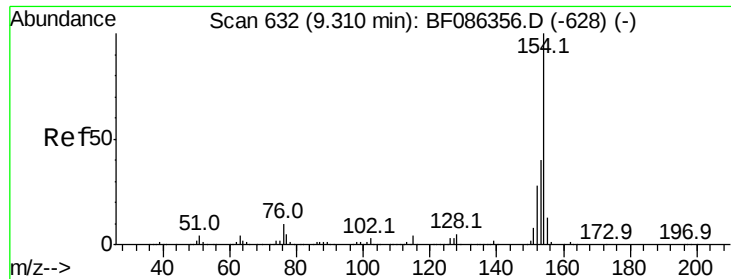
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#44
 2-Fluorobiphenyl
 Concen: 91.08 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1873258		
171	36.1	29.0	43.6		
170	24.8	19.8	29.8		





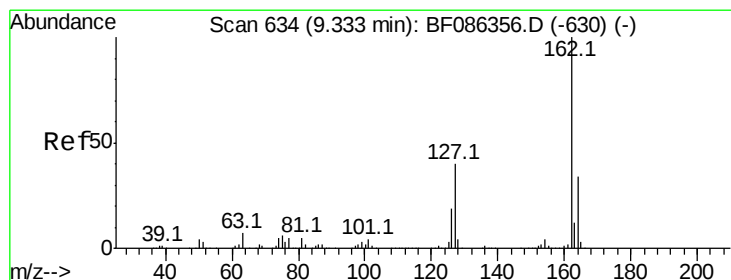
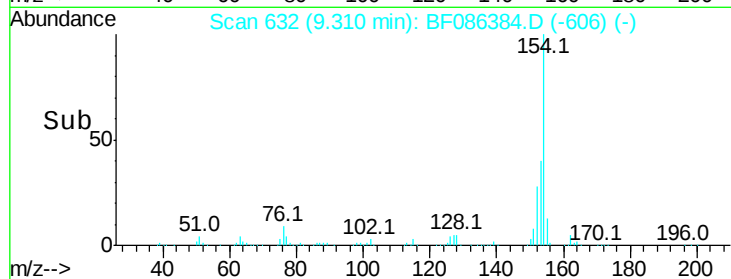
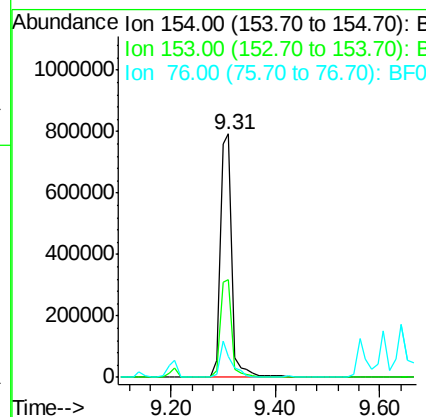
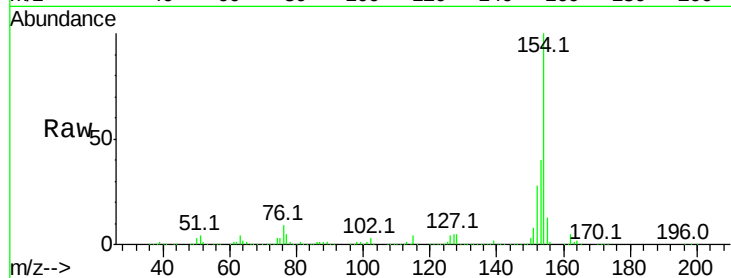
#45
 1,1'-Biphenyl
 Concen: 45.05 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	8.8	0.0	30.2

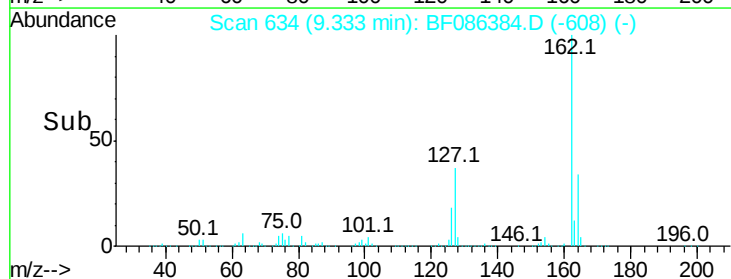
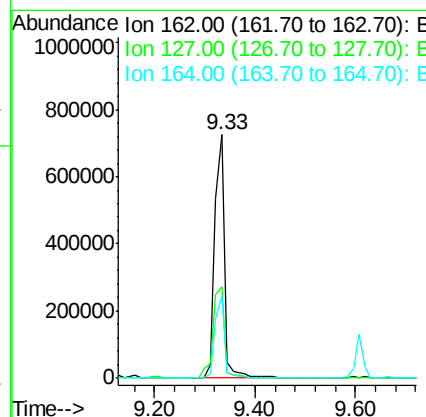
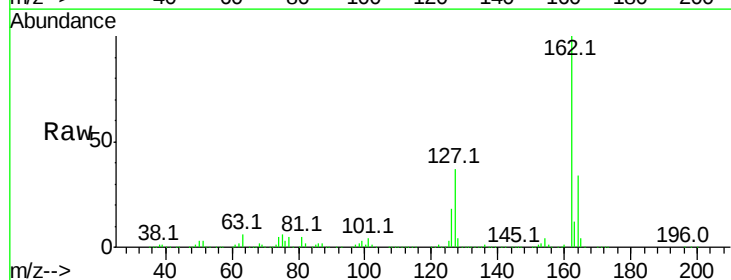
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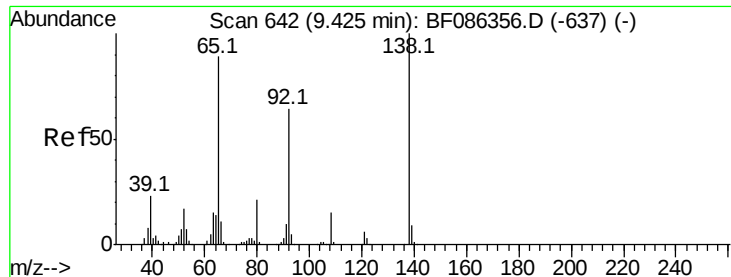
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#46
 2-Chloronaphthalene
 Concen: 45.72 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	31.8	47.6
164	33.7	27.0	40.6





#47

2-Nitroaniline

Concen: 49.75 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

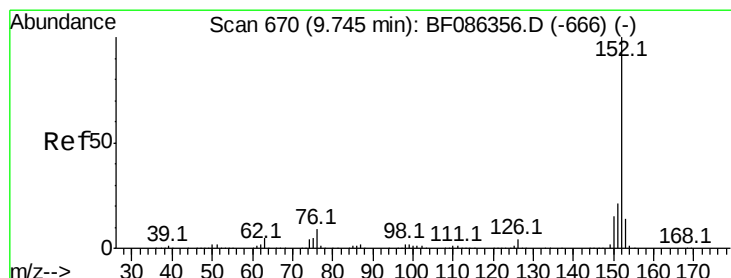
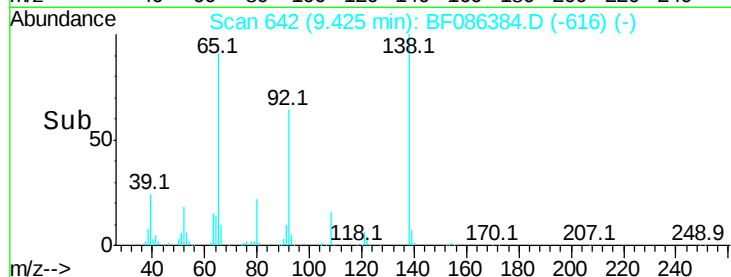
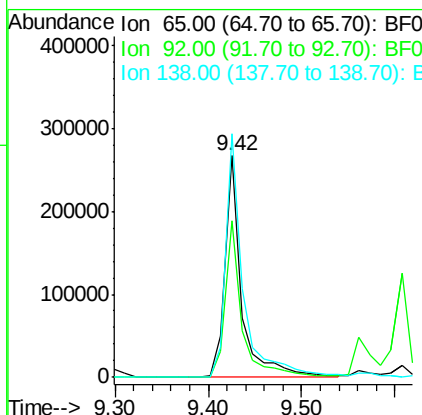
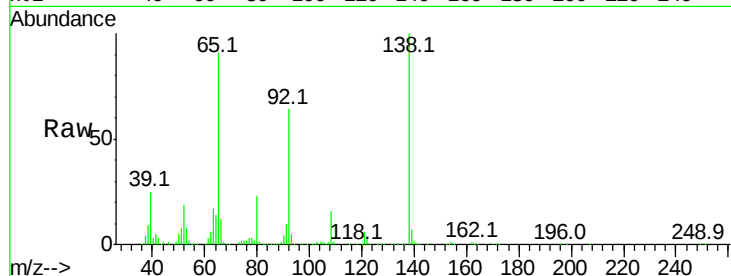
ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:	65	Resp:	333912
Ion Ratio	Lower	Upper	
65	100		
92	70.6	57.4	86.2
138	109.9	90.1	135.1

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#48

Acenaphthylene

Concen: 45.81 ng

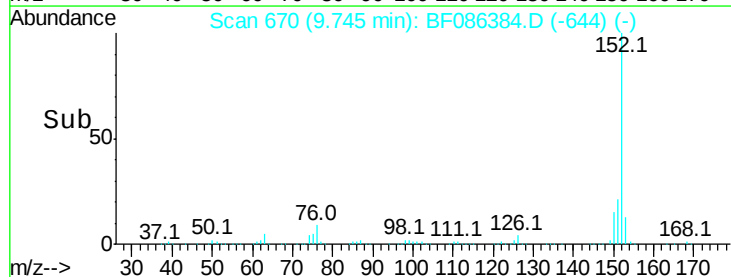
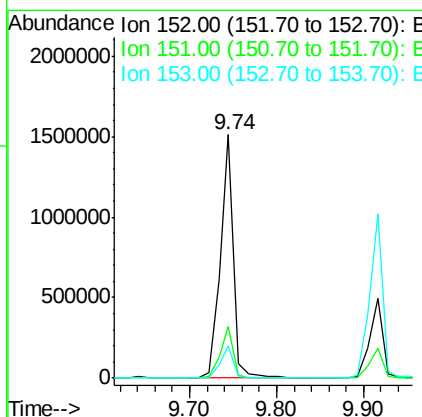
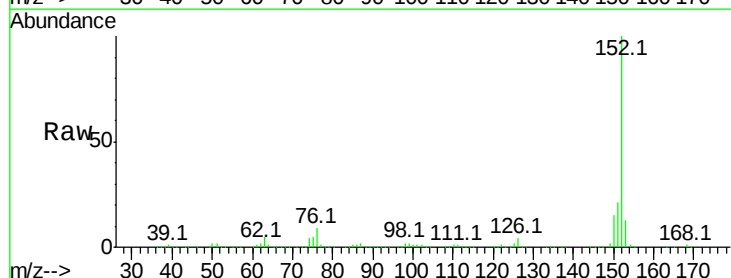
RT: 9.74 min Scan# 670

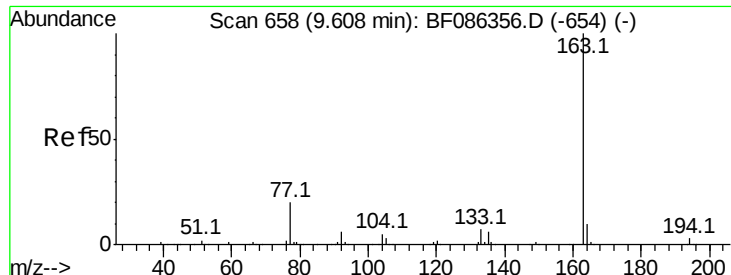
Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion:	152	Resp:	1600946
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.8	25.2
153	13.4	10.9	16.3





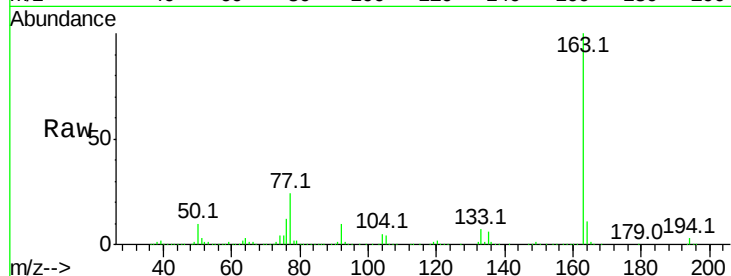
#49
Dimethylphthalate
Concen: 51.60 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

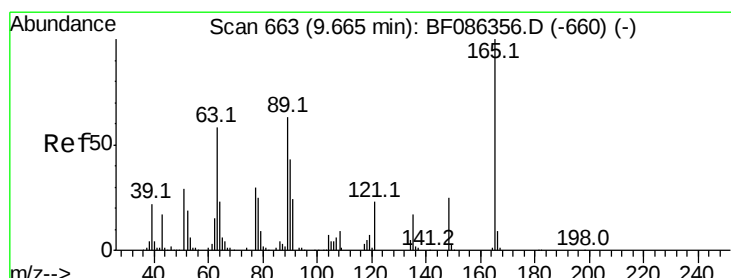
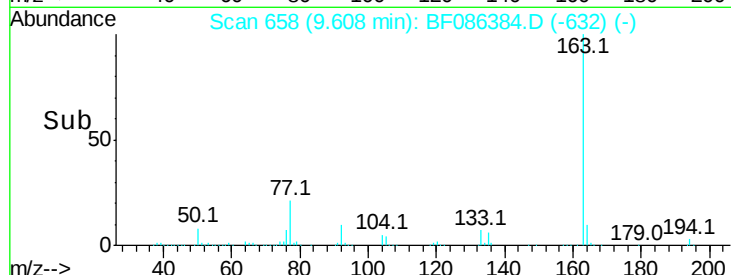
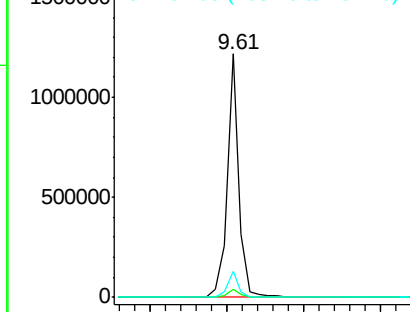
Tot Ion:163 Resp: 1308543
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.2 12.4

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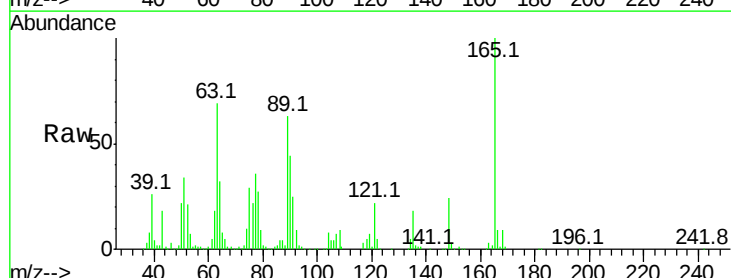


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

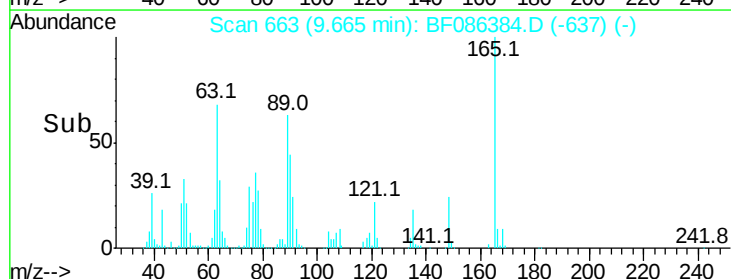
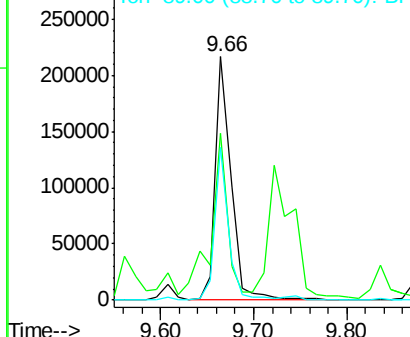


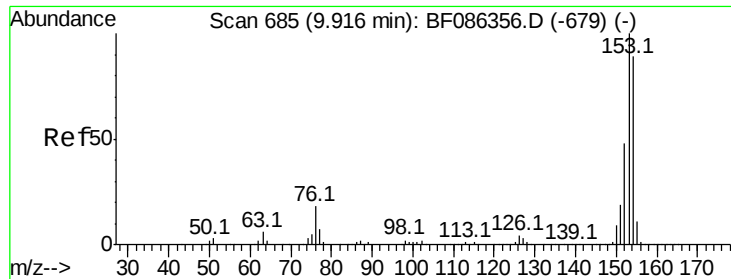
#50
2,6-Dinitrotoluene
Concen: 45.77 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:165 Resp: 250677
Ion Ratio Lower Upper
165 100
63 68.5 51.8 77.8
89 62.8 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: 45.96 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

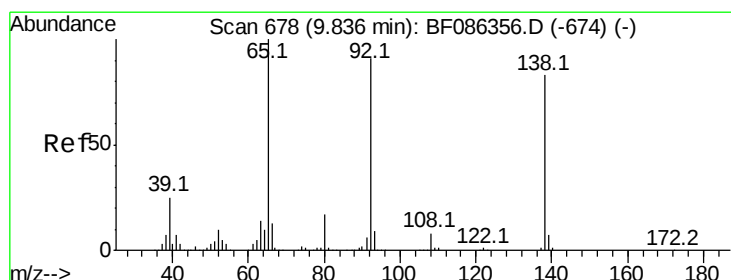
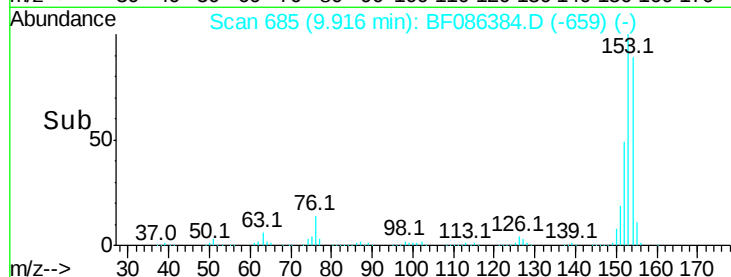
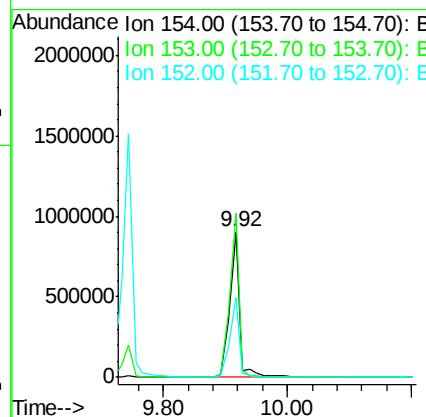
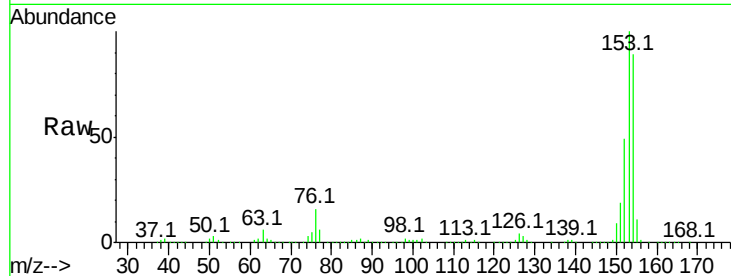
ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:	154	Resp:	986605
Ion Ratio	Lower	Upper	
154	100		
153	112.7	89.8	134.6
152	54.8	43.4	65.0

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#52

3-Nitroaniline

Concen: 35.21 ng

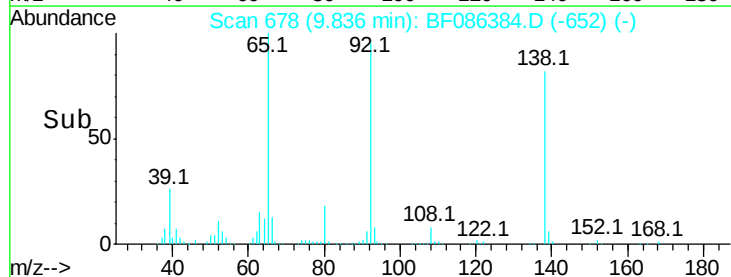
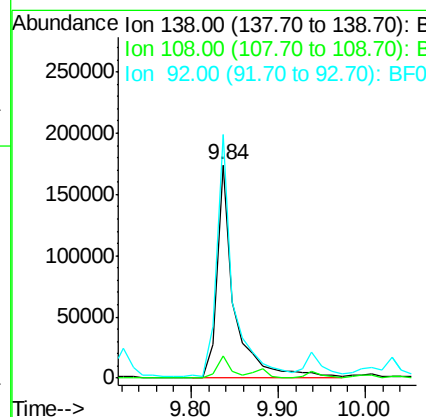
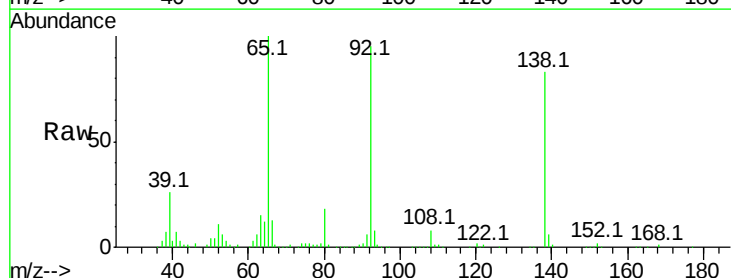
RT: 9.84 min Scan# 678

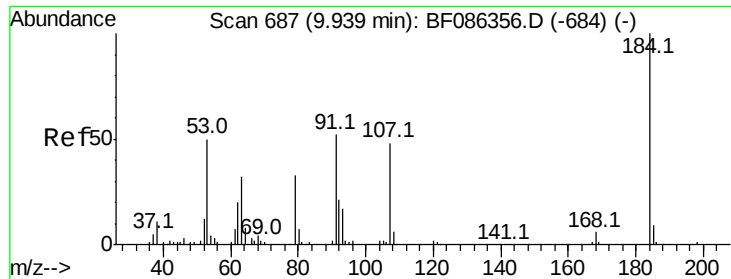
Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion:	138	Resp:	241437
Ion Ratio	Lower	Upper	
138	100		
108	10.3	7.8	11.6
92	114.3	87.8	131.8





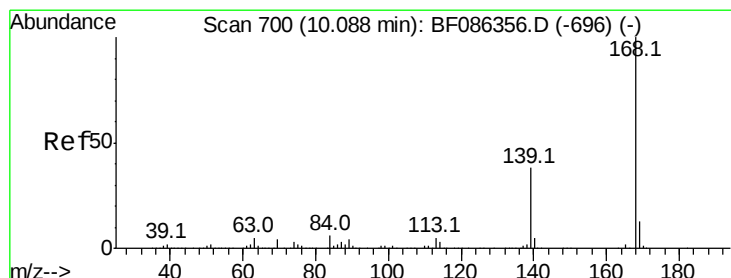
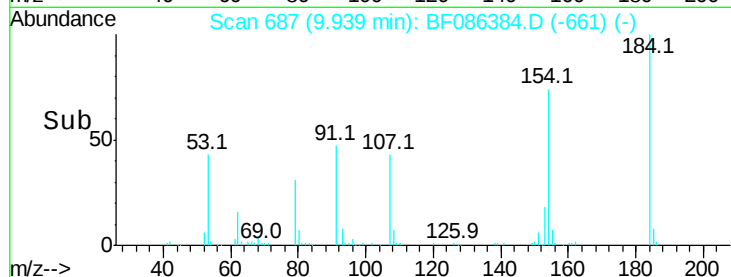
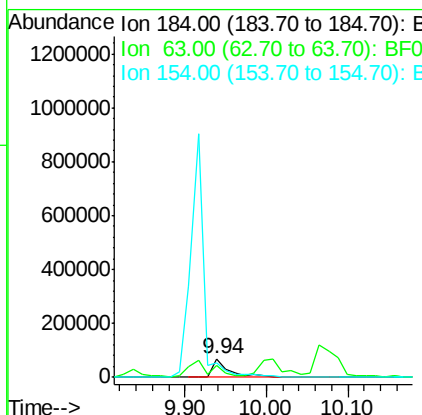
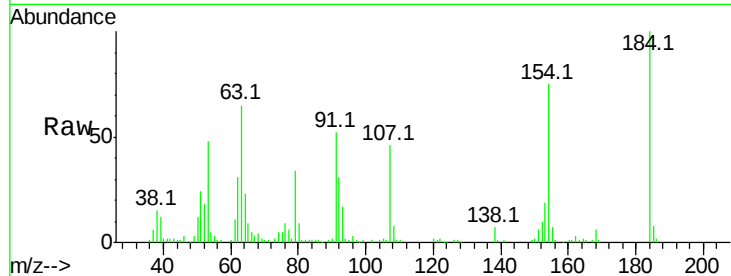
#53
2,4-Dinitrophenol
Concen: 35.81 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	101963		
63	65.2	55.8	83.8	
154	75.3	62.4	93.6	

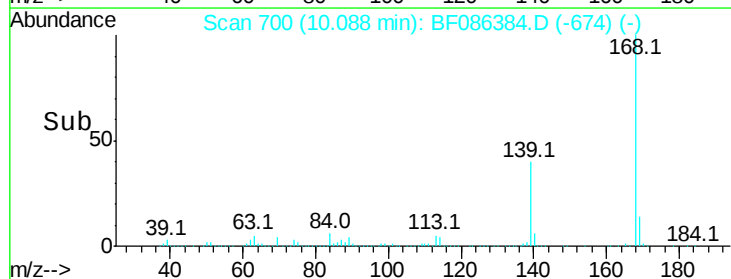
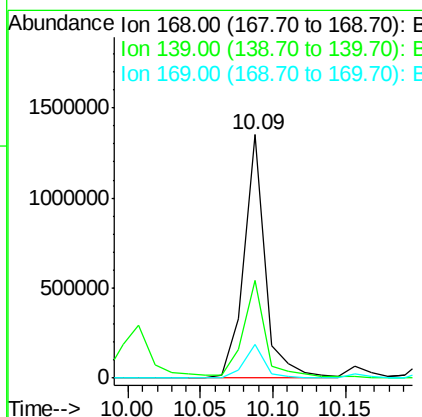
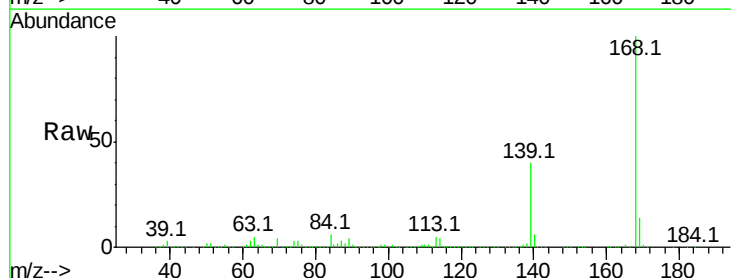
Manual Integrations
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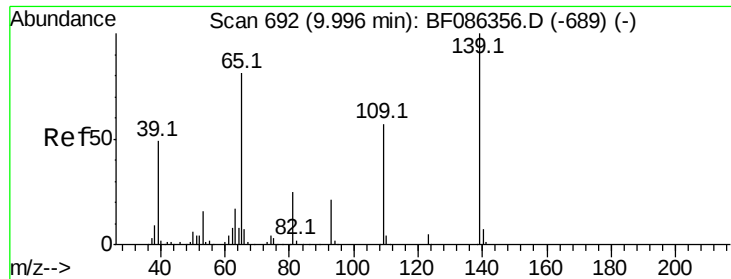
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#54
Dibenzofuran
Concen: 49.91 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1375923		
139	39.9	31.4	47.0	
169	14.0	10.7	16.1	





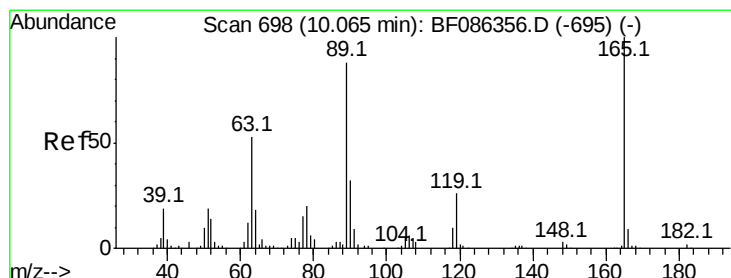
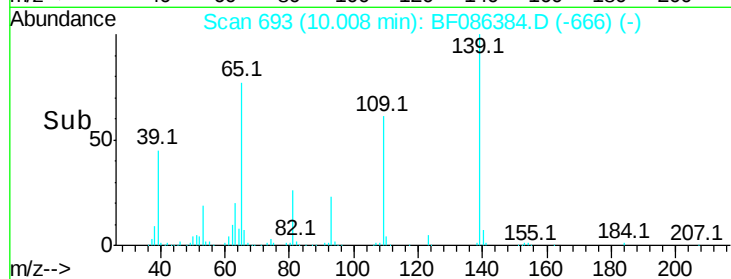
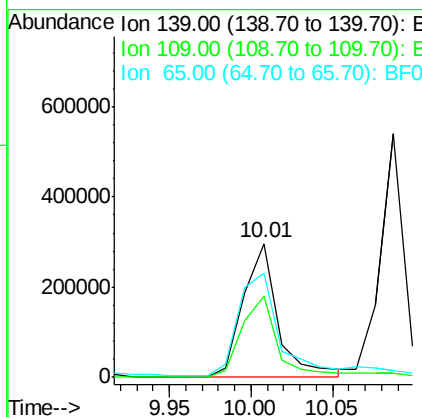
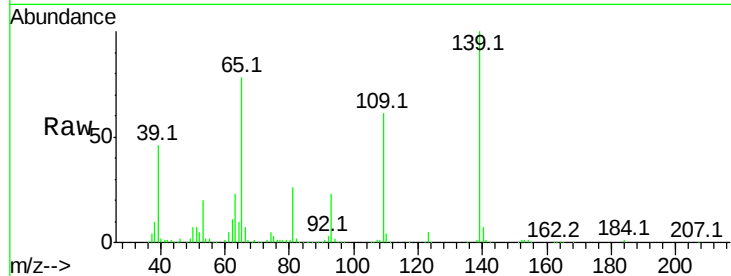
#55
4-Nitrophenol
Concen: 92.13 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.8	36.9	76.9	
65	78.0	64.0	104.0	

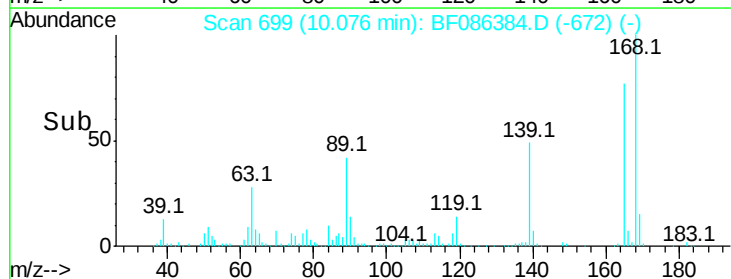
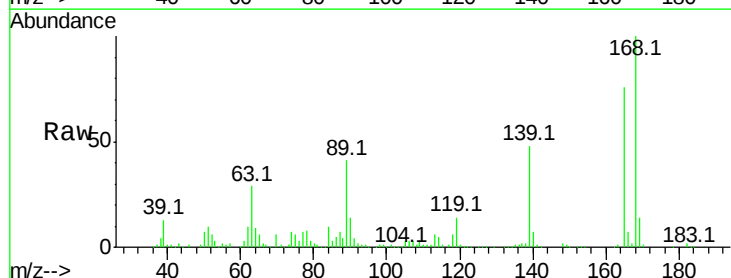
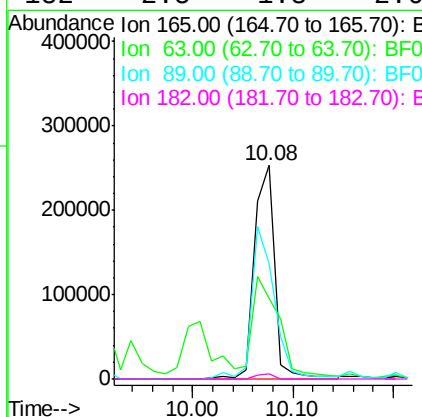
Manual Integrations
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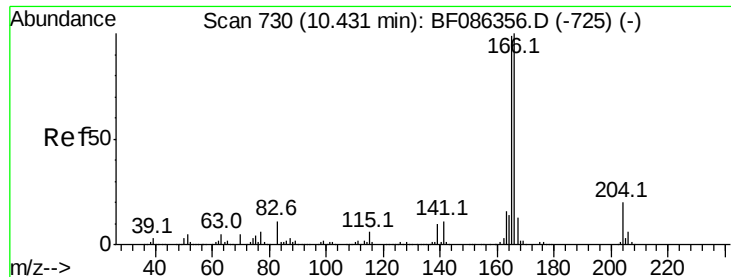
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4/25/2016 12:35:52 PM



#56
2,4-Dinitrotoluene
Concen: 48.89 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.8	44.3	66.5#	
89	54.2	70.0	105.0#	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 46.03 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:166 Resp: 1039791

Ion Ratio Lower Upper

166 100

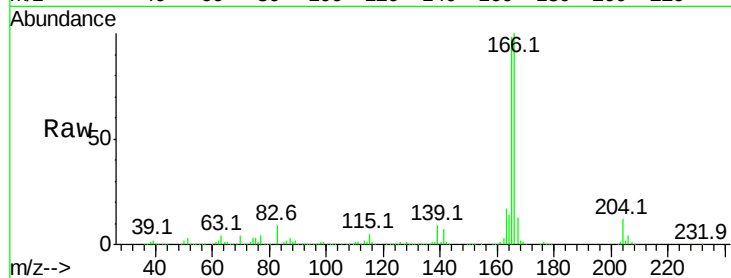
165 97.8 79.0 118.6

167 13.4 10.6 15.8

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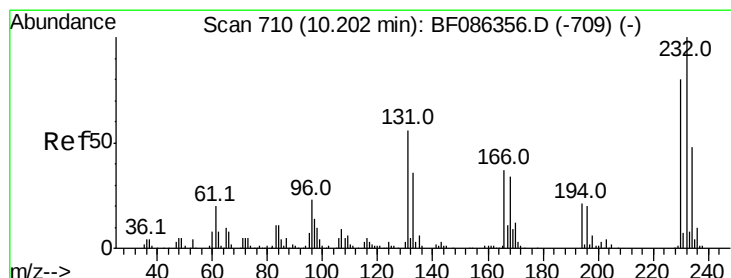
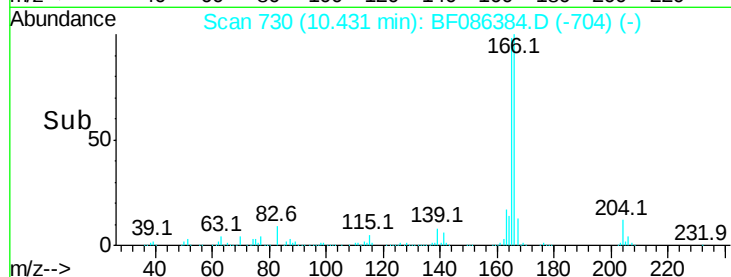
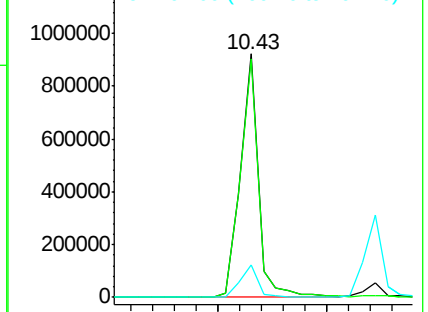


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.45 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion:232 Resp: 259626

Ion Ratio Lower Upper

232 100

131 53.8 41.9 62.9

130 2.8 2.2 3.4

166 33.4 26.8 40.2

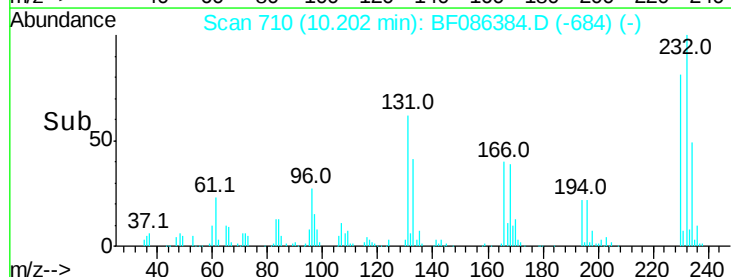
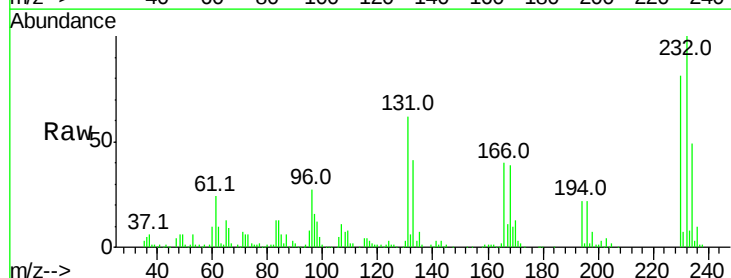
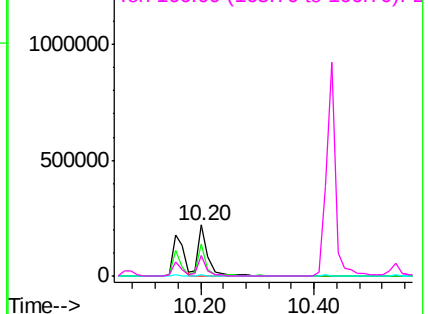
Abundance

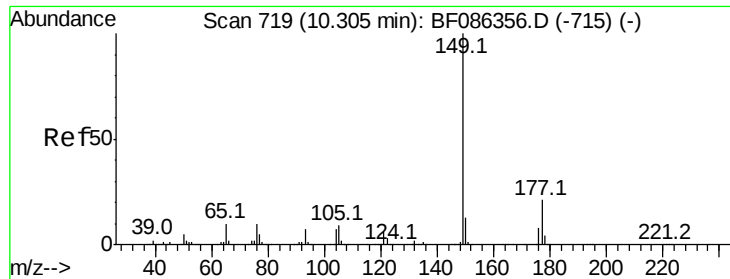
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





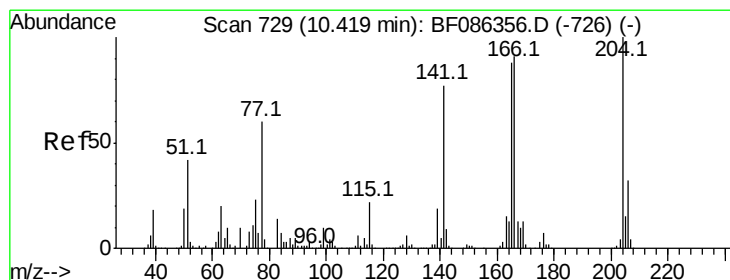
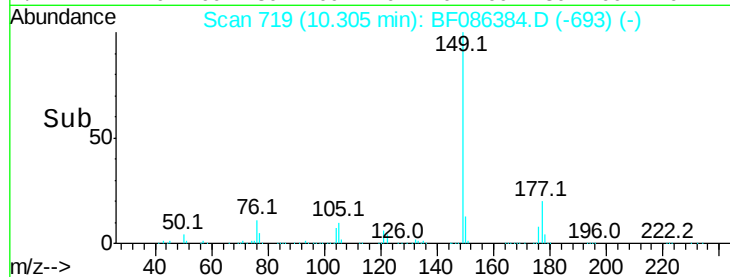
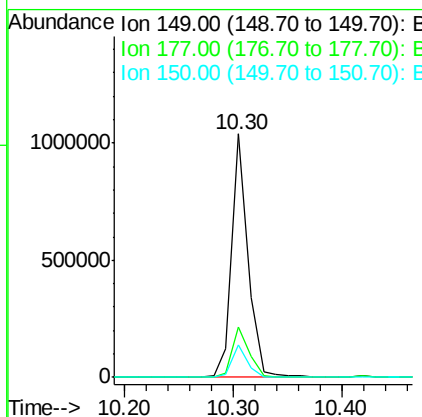
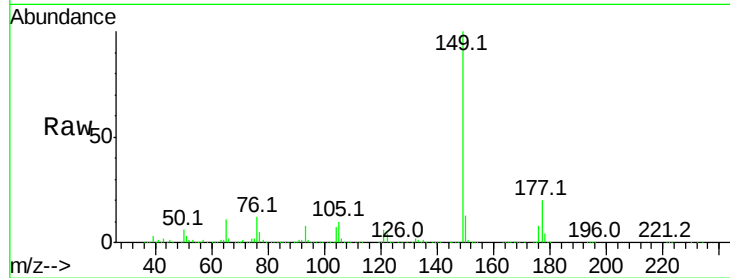
#59
Diethylphthalate
Concen: 44.09 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion:149 Resp: 1070502
Ion Ratio Lower Upper
149 100
177 20.4 16.6 24.8
150 13.1 10.0 15.0

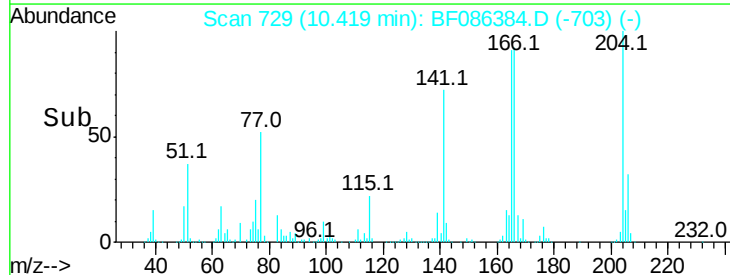
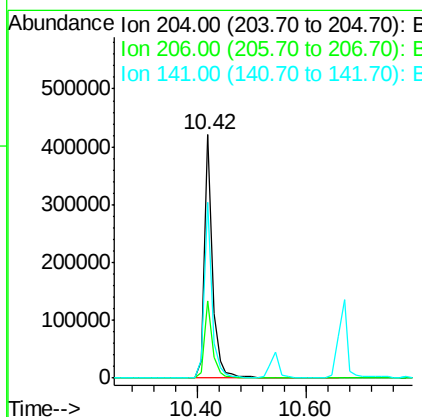
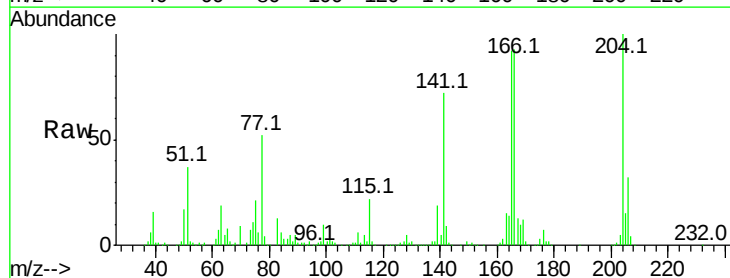
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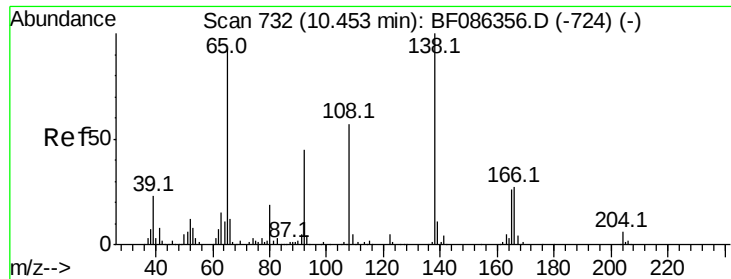
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.46 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion:204 Resp: 429375
Ion Ratio Lower Upper
204 100
206 31.9 25.4 38.0
141 72.4 61.6 92.4





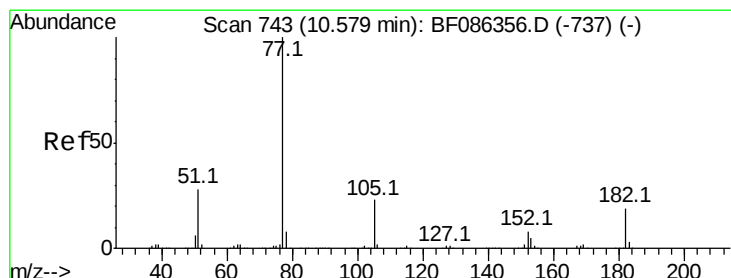
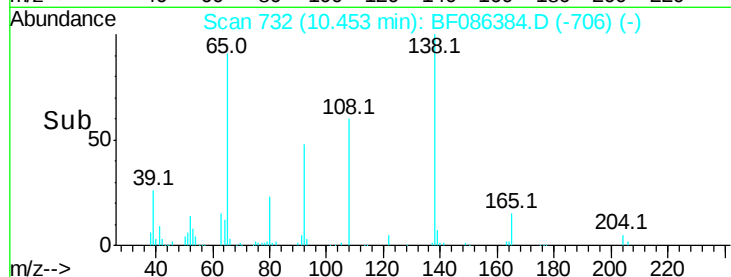
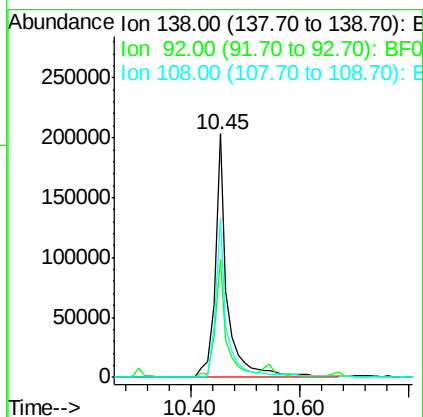
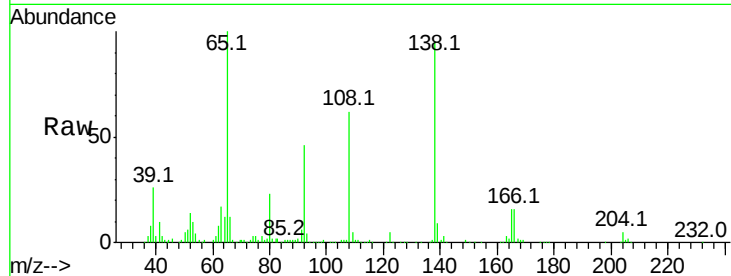
#61
4-Nitroaniline
Concen: 46.01 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	24.7	64.7
108	65.3	37.4	77.4

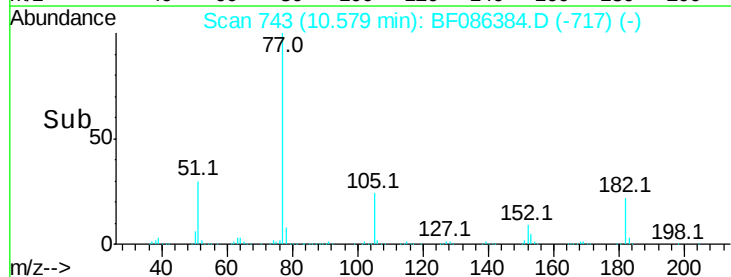
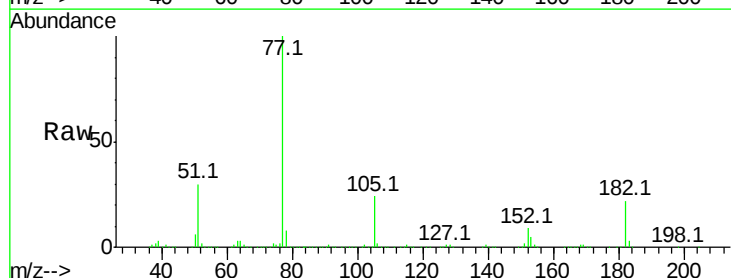
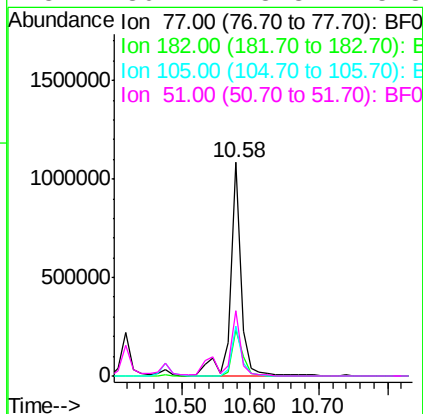
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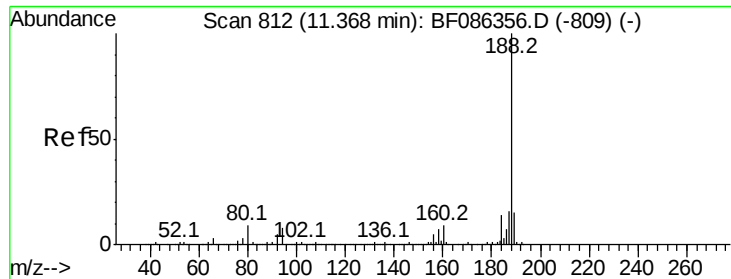
sohil
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#62
Azobenzene
Concen: 47.12 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.7	0.0	38.8
105	23.6	3.2	43.2
51	30.4	8.8	48.8





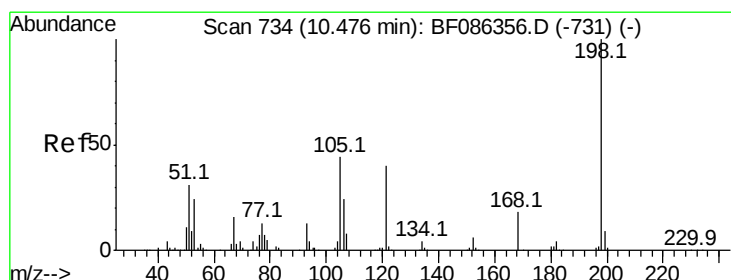
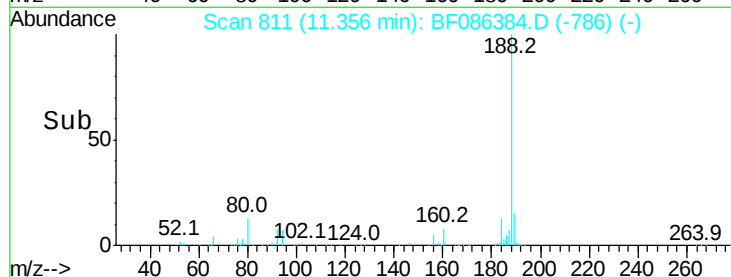
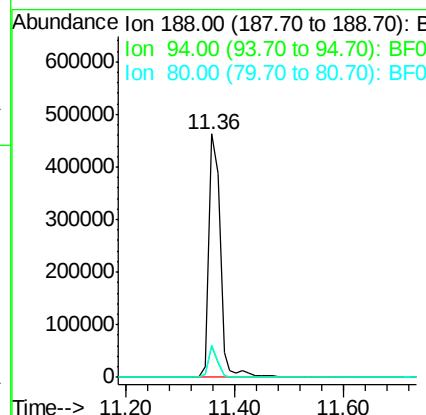
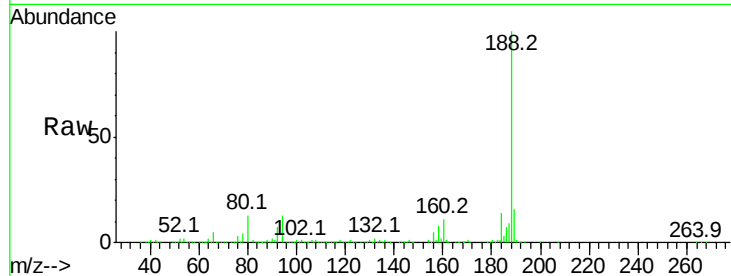
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	674078		
94	12.8	6.8	10.2#	
80	13.5	7.1	10.7#	

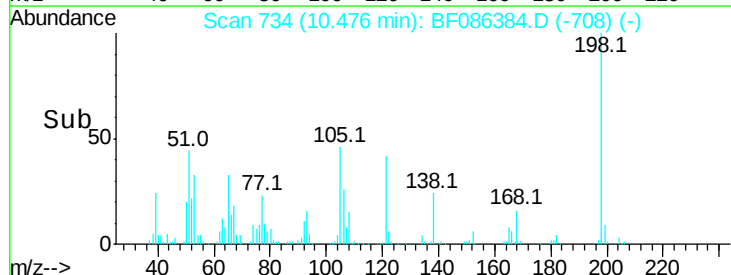
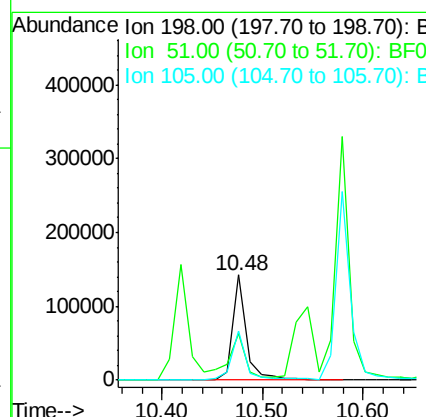
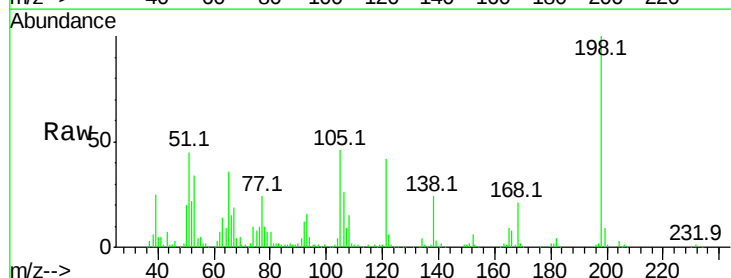
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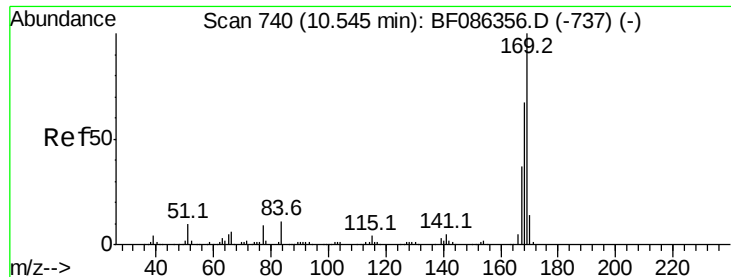
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.39 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	137534		
51	44.9	20.5	60.5	
105	46.4	24.5	64.5	





#65

n-Nitrosodiphenylamine

Concen: 46.04 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:169 Resp: 957003

Ion Ratio Lower Upper

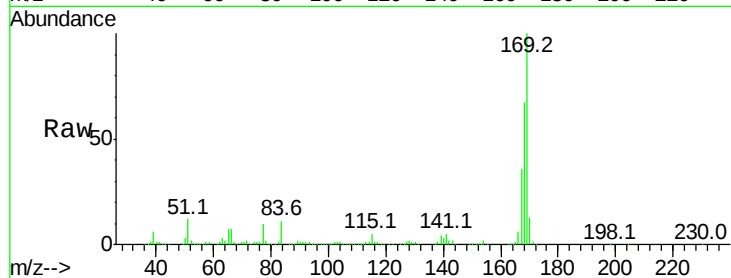
169 100

168 66.7 53.8 80.6

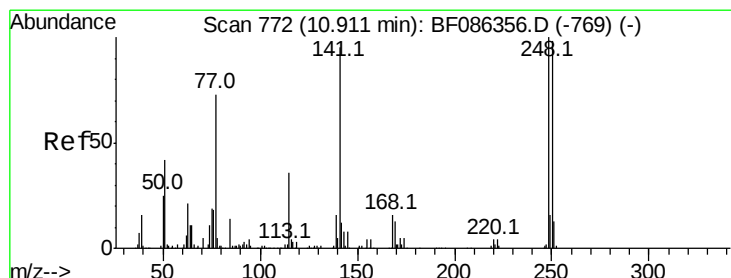
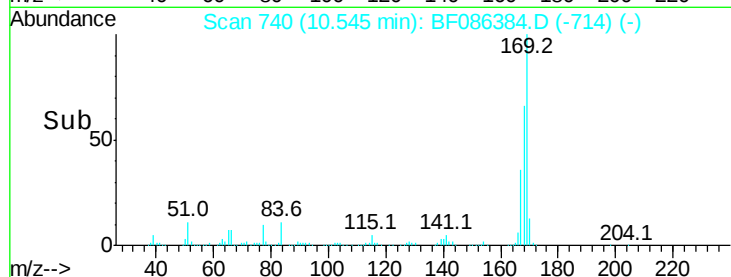
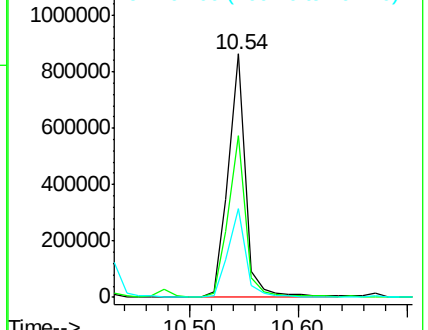
167 36.3 29.5 44.3

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



#66

4-Bromophenyl-phenylether

Concen: 43.93 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

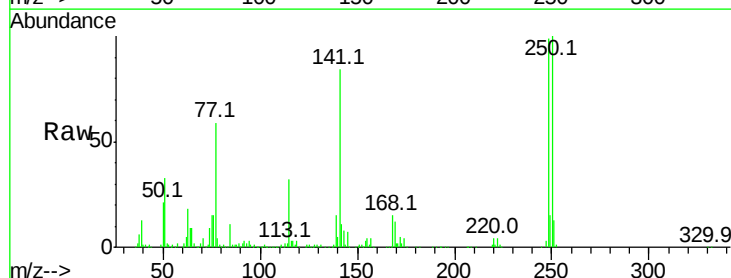
Tgt Ion:248 Resp: 289984

Ion Ratio Lower Upper

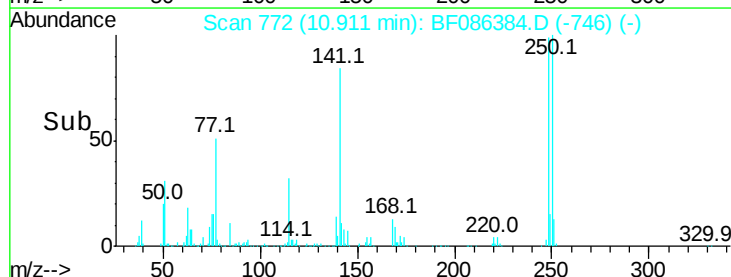
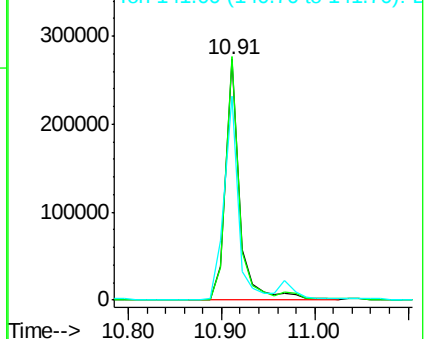
248 100

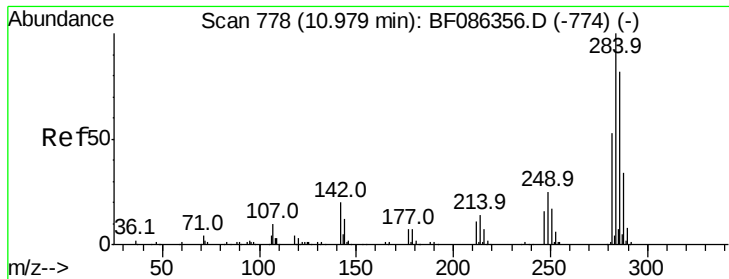
250 101.1 78.6 117.8

141 84.8 76.0 114.0



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





#67

Hexachlorobenzene

Concen: 43.95 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:284 Resp: 309517
Ion Ratio Lower Upper

284 100

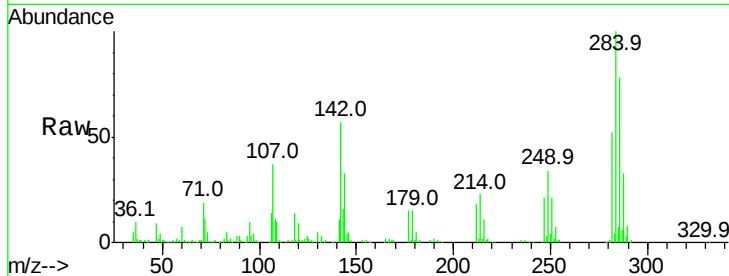
142 56.9 16.7 25.1#

249 33.6 21.3 31.9#

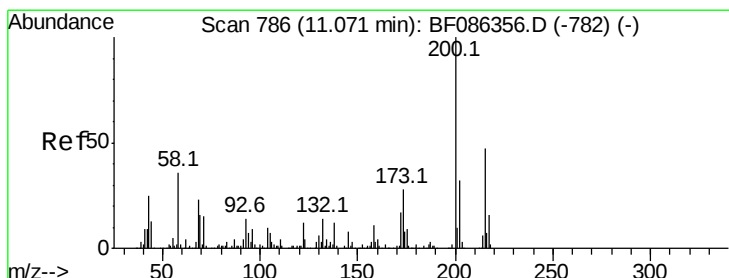
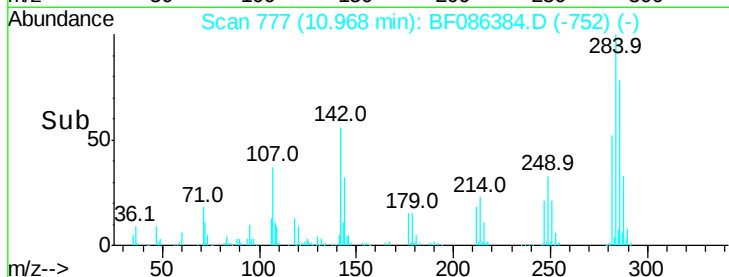
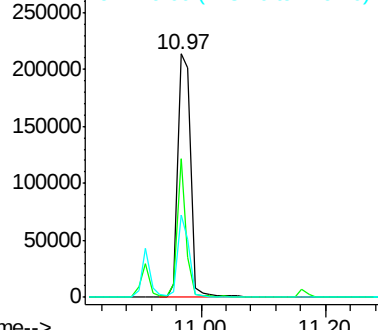
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.17 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF086384.D

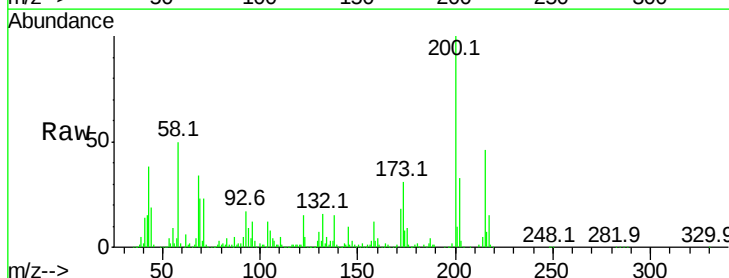
Acq: 23 Apr 2016 11:40

Tgt Ion:200 Resp: 289902
Ion Ratio Lower Upper

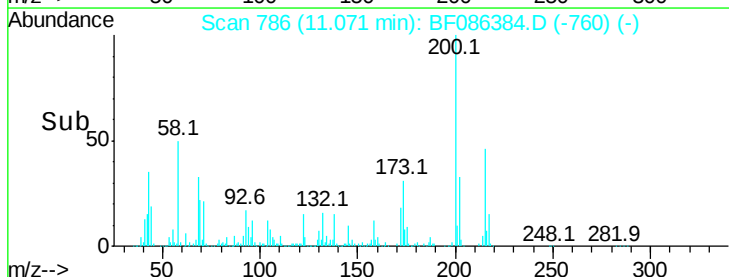
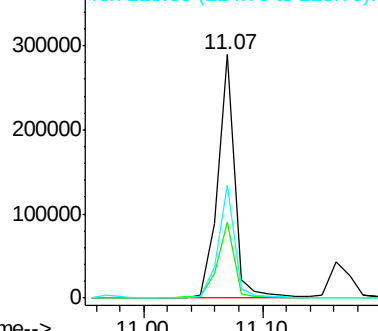
200 100

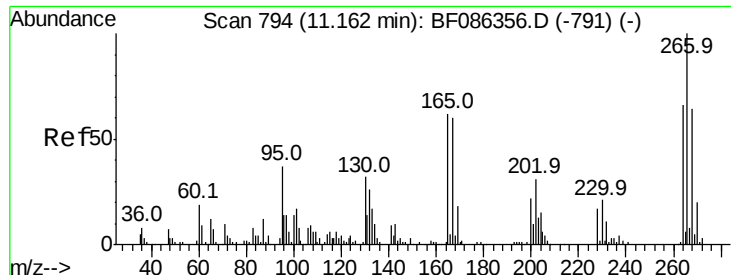
173 31.0 8.5 48.5

215 46.2 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





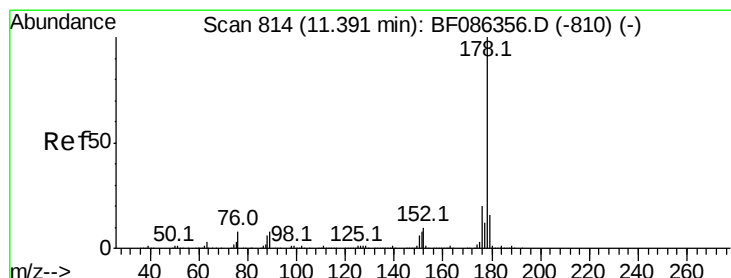
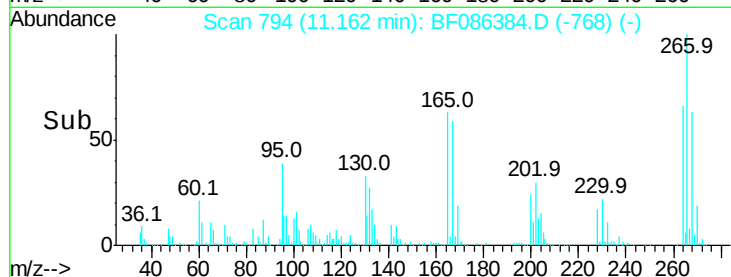
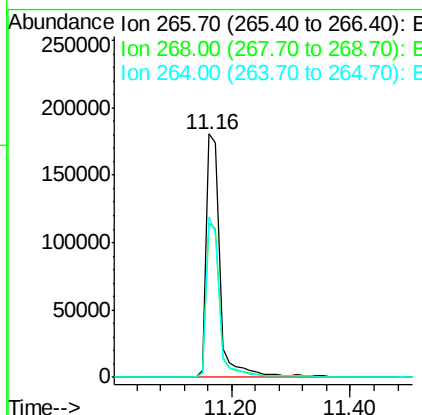
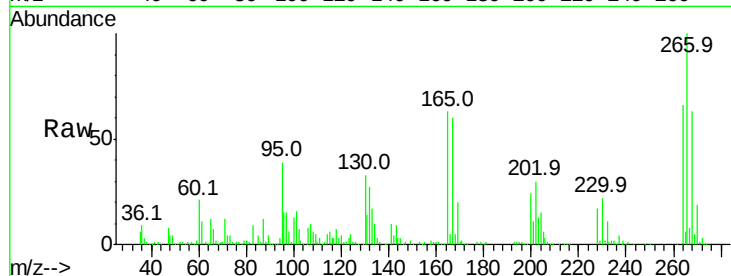
#69
 Pentachlorophenol
 Concen: 71.81 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	296949		
268	63.3		51.5	77.3
264	66.0		52.9	79.3

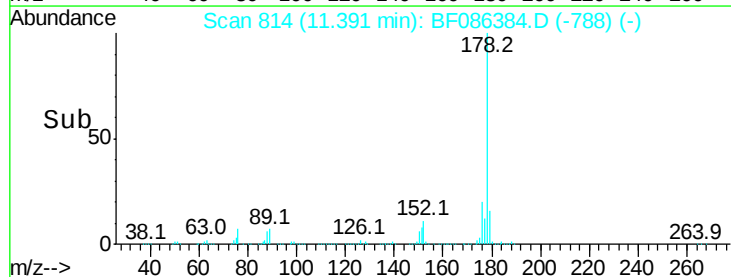
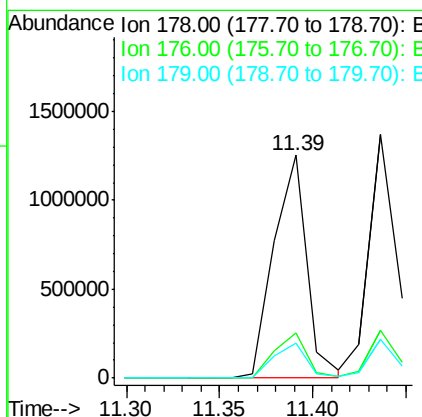
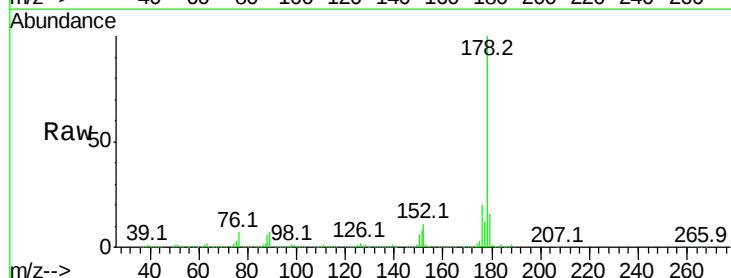
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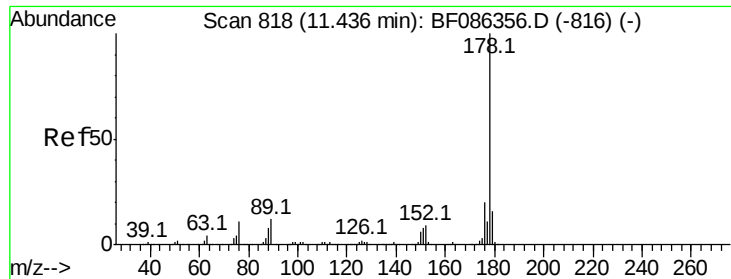
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#70
 Phenanthrene
 Concen: 45.31 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1534629		
176	20.4		16.0	24.0
179	15.7		12.6	18.8





#71

Anthracene

Concen: 40.95 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:178 Resp: 1589062

Ion Ratio Lower Upper

178 100

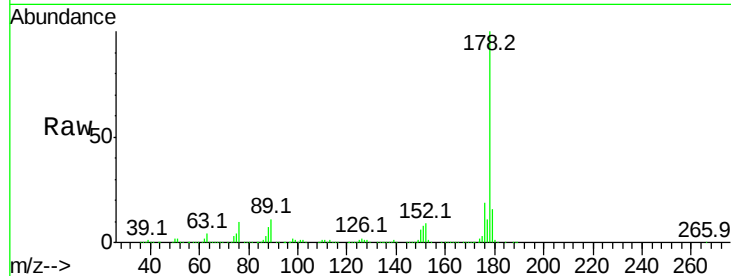
176 19.4 15.6 23.4

179 15.7 12.7 19.1

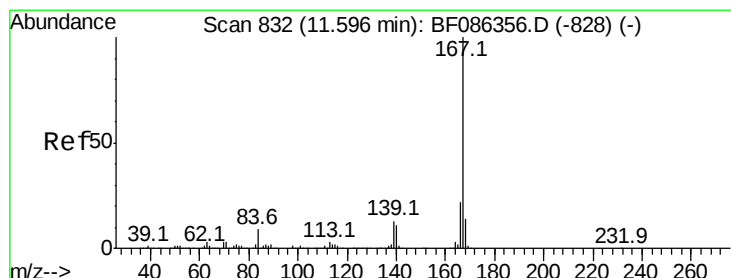
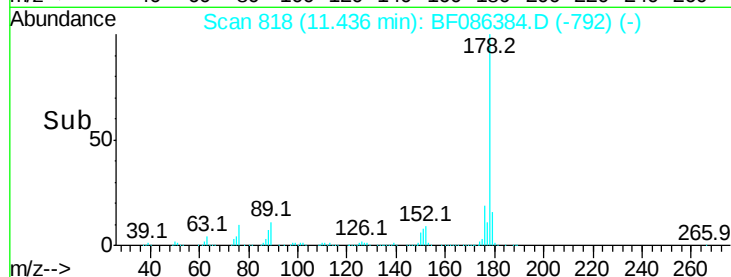
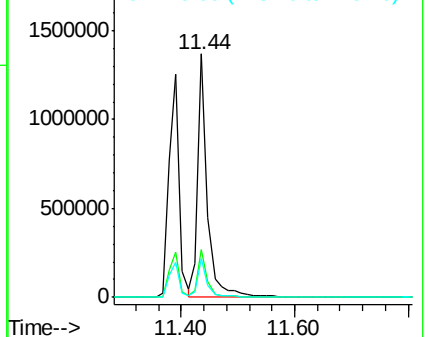
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.28 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

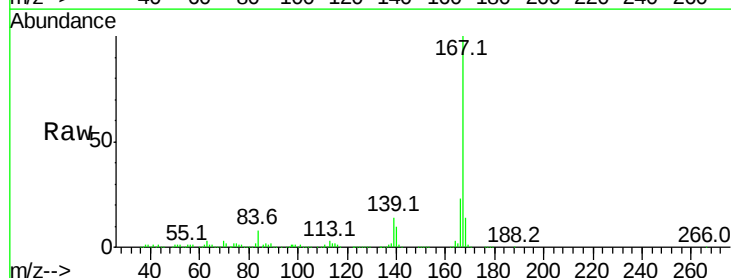
Tgt Ion:167 Resp: 1650414

Ion Ratio Lower Upper

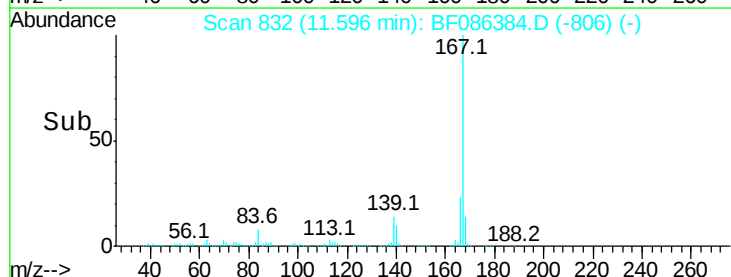
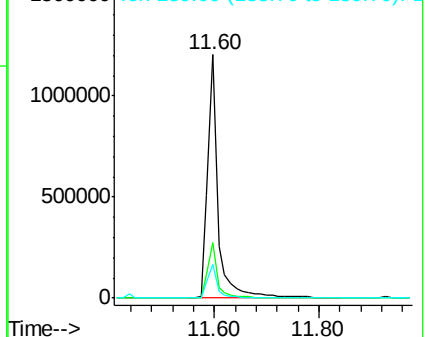
167 100

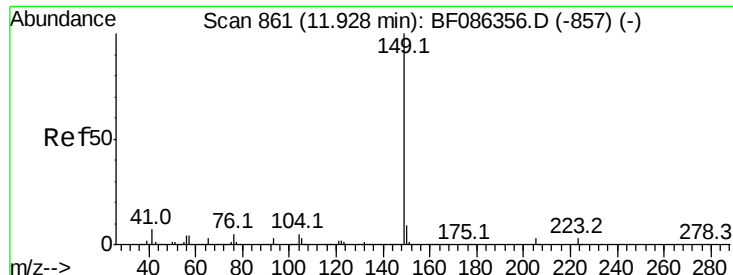
166 23.0 17.7 26.5

139 13.7 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.95 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

ClientSampleID :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:149 Resp: 1723669

Ion Ratio Lower Upper

149 100

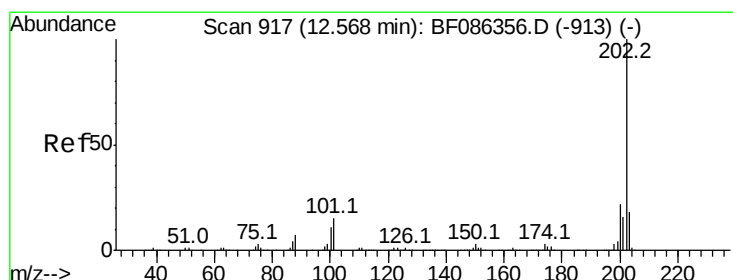
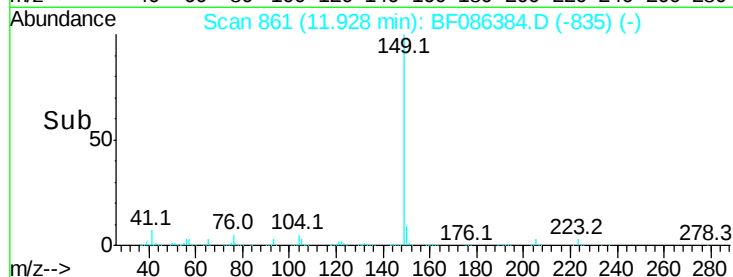
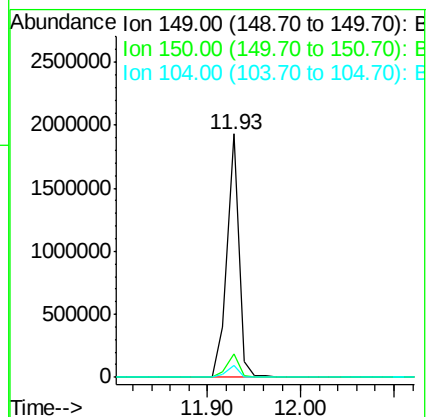
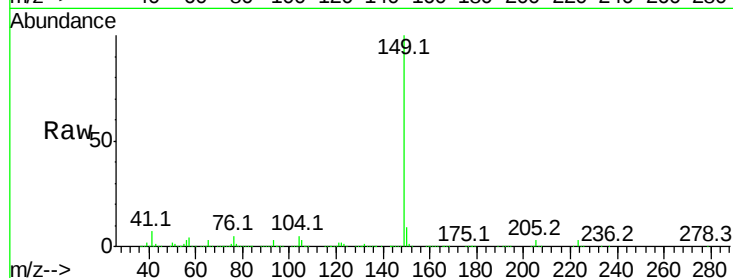
150 9.5 7.6 11.4

104 4.9 3.8 5.6

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#74

Fluoranthene

Concen: 42.96 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

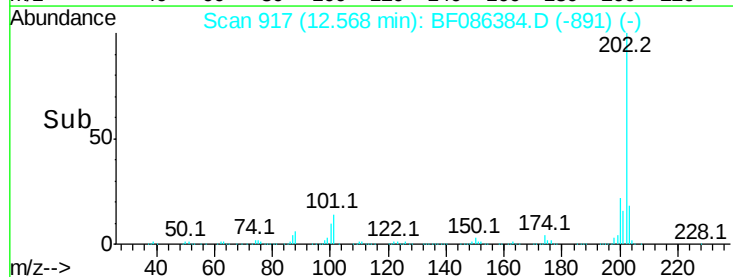
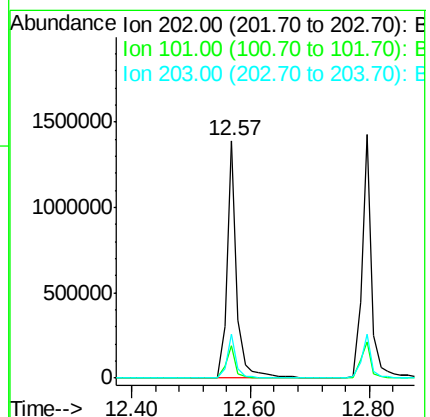
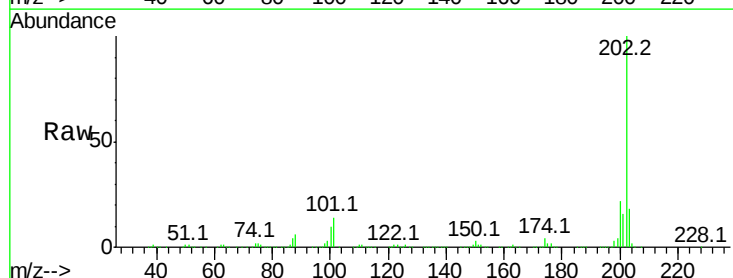
Tgt Ion:202 Resp: 1569081

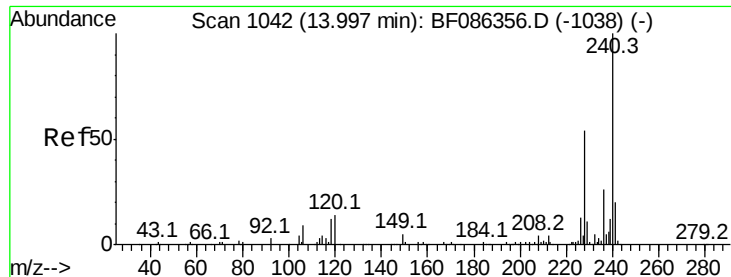
Ion Ratio Lower Upper

202 100

101 13.7 0.0 35.4

203 18.3 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: BF086384.D

Acq: 23 Apr 2016 11:40

Instrument :

BNA_F

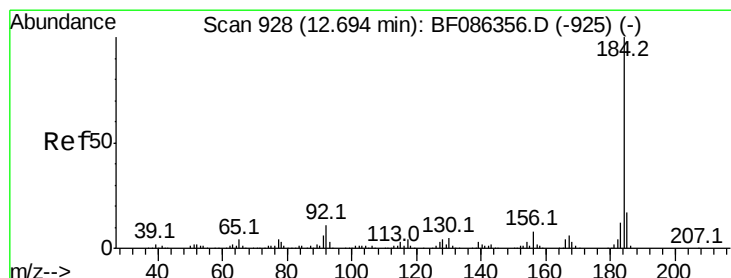
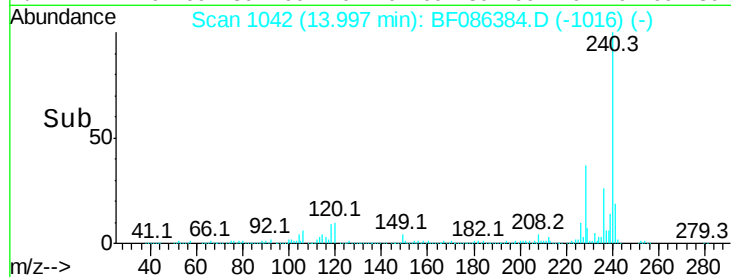
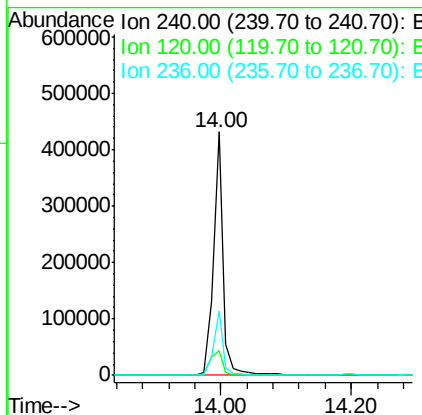
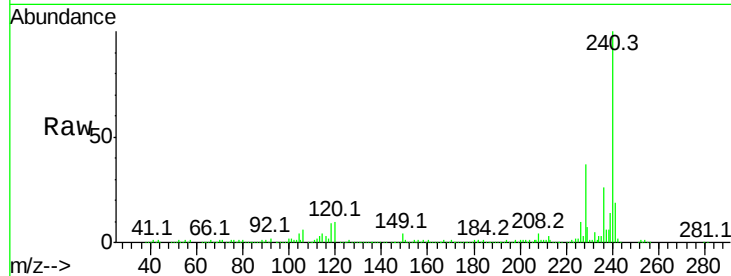
ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:	240	Resp:	457710
Ion Ratio		Lower	Upper
240	100		
120	10.3	11.2	16.8#
236	26.4	21.2	31.8

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#76

Benzidine

Concen: 10.59 ng

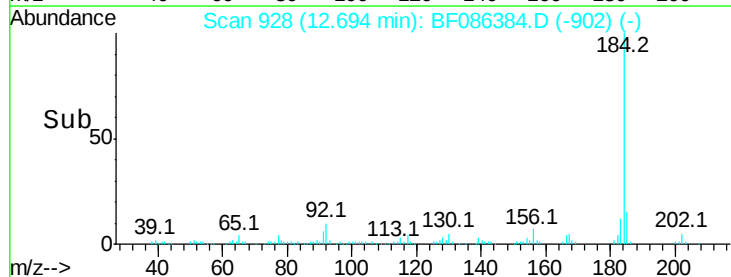
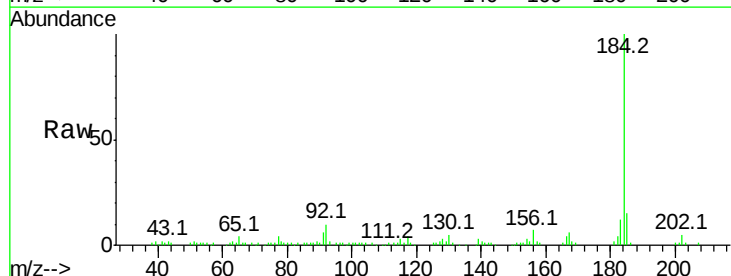
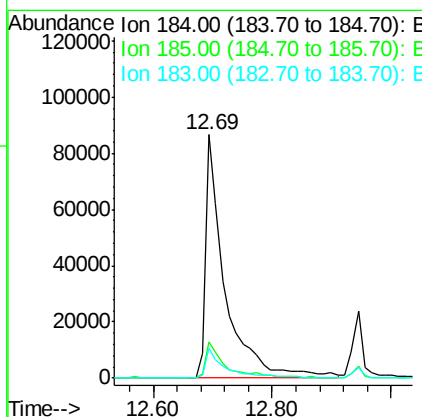
RT: 12.69 min Scan# 928

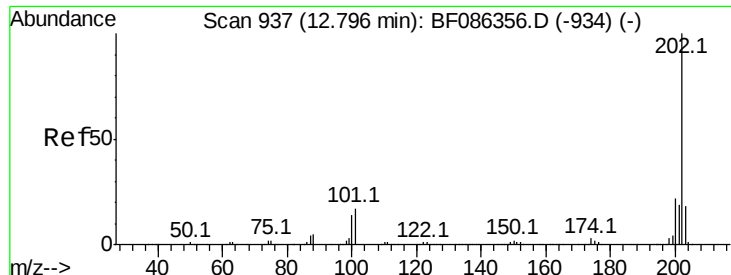
Delta R.T. -0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion:	184	Resp:	198819
Ion Ratio		Lower	Upper
184	100		
185	14.7	13.6	20.4
183	12.4	9.8	14.6





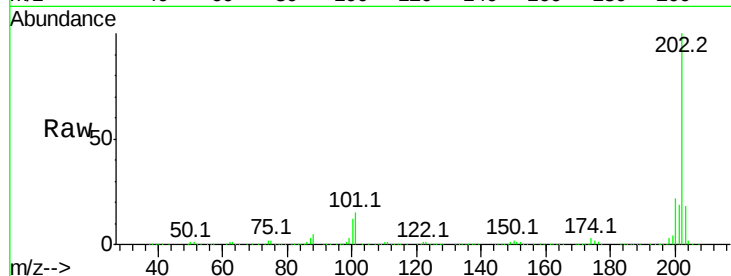
#77
Pvrene
Concen: 49.43 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

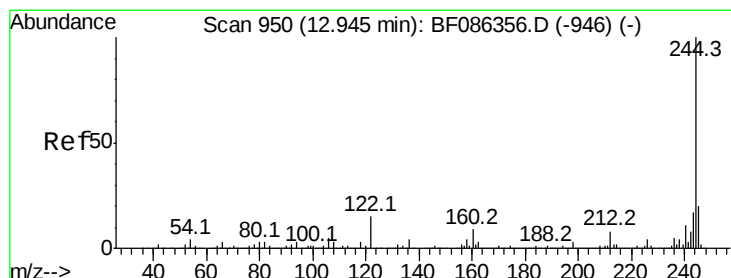
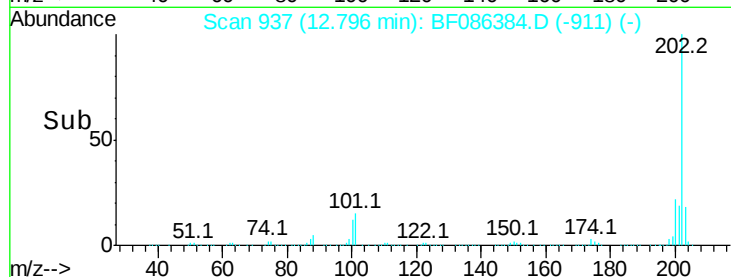
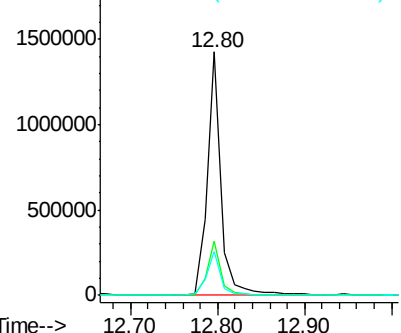
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	18.0	14.2	21.4

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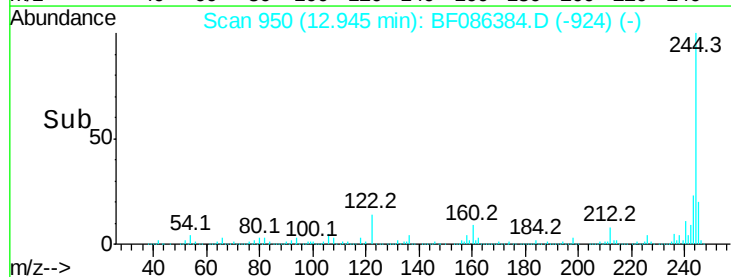
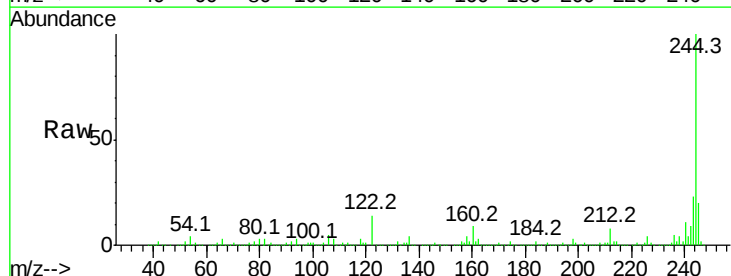
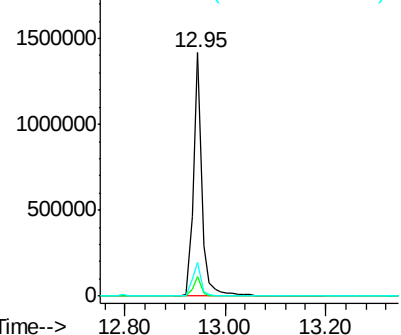
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

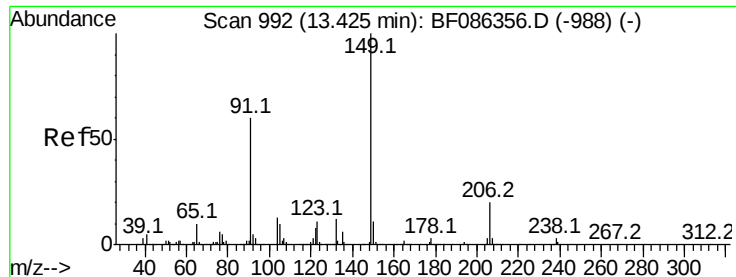


#78
Terphenyl-d14
Concen: 90.03 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.6	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





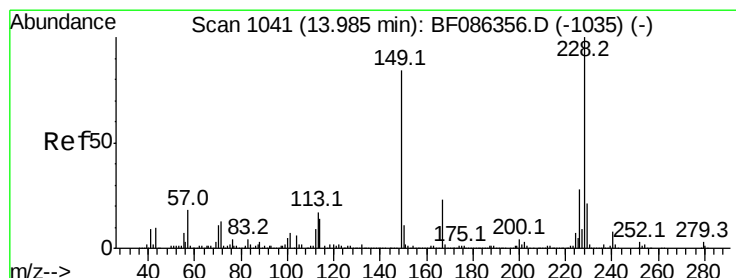
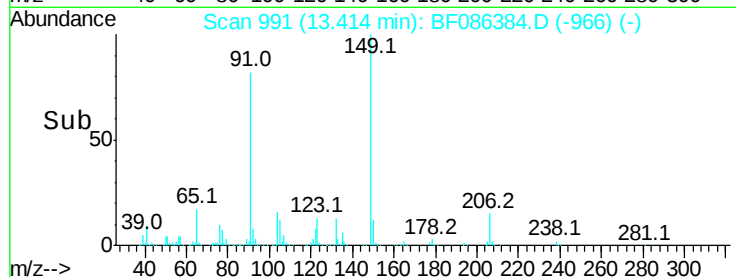
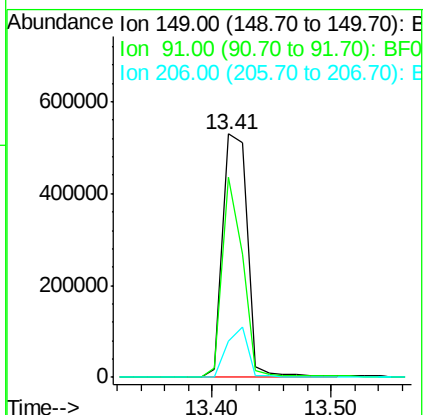
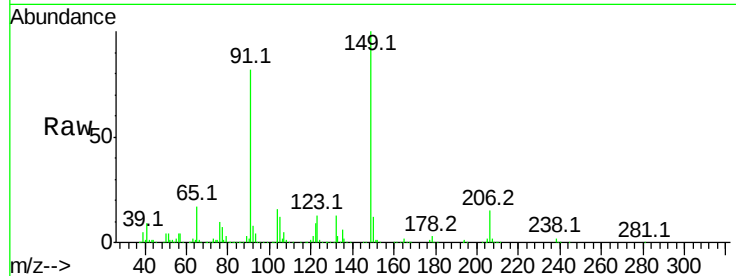
#79
Butylbenzylphthalate
Concen: 51.41 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	82.3	48.0	72.0#
206	15.0	15.8	23.6#

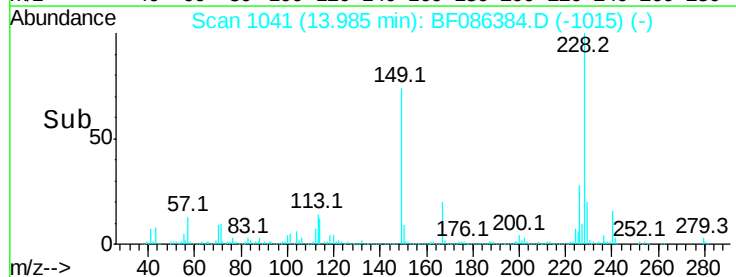
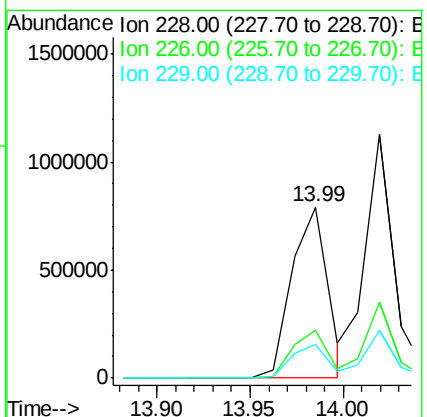
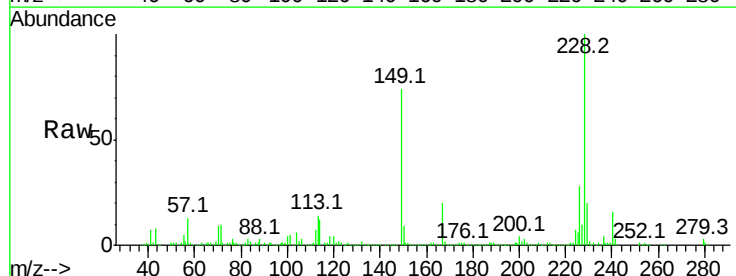
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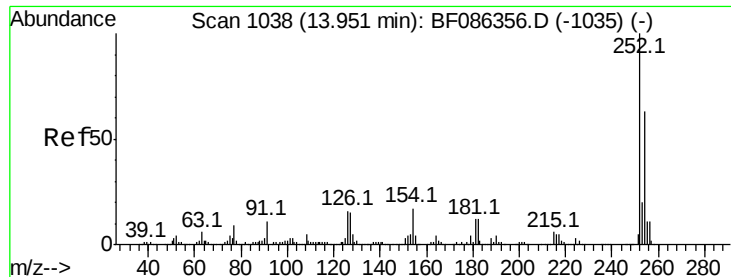
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#80
Benzo(a)anthracene
Concen: 44.87 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.7	22.5	33.7
229	19.6	16.6	25.0





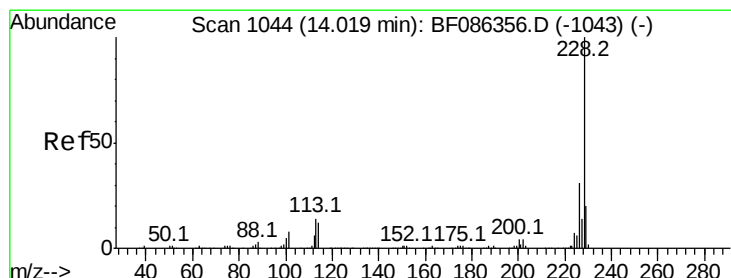
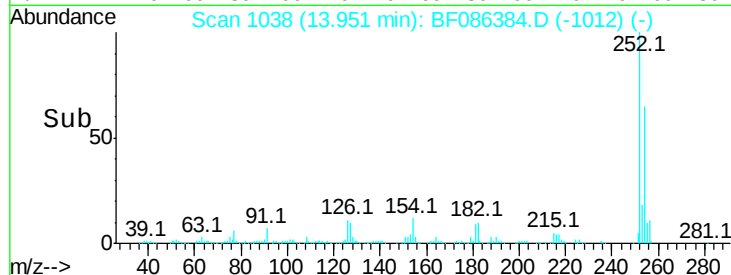
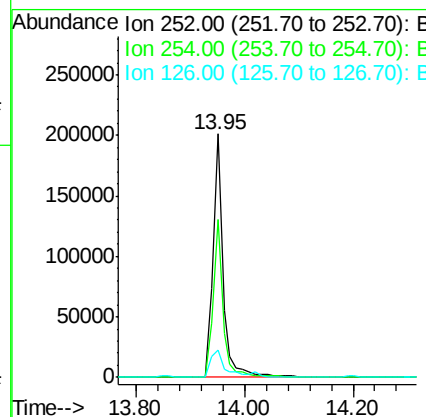
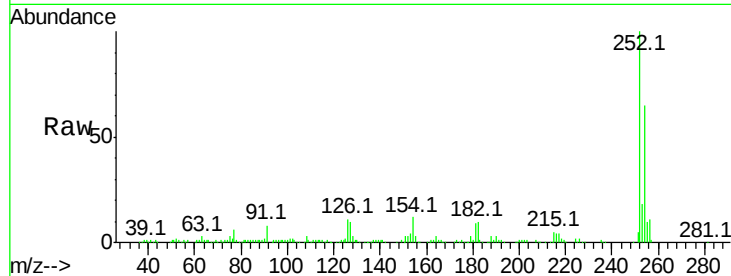
#81
 3,3'-Dichlorobenzidine
 Concen: 16.13 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.7	76.1
126	11.5	12.7	19.1

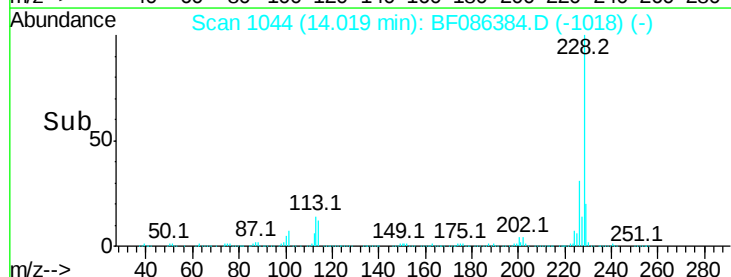
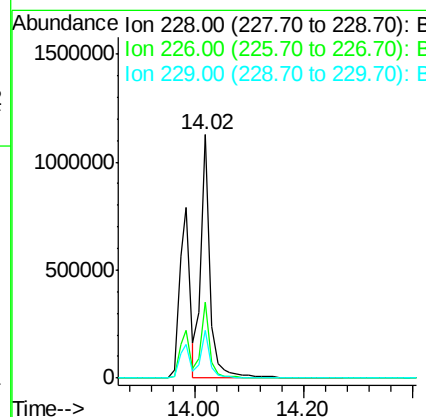
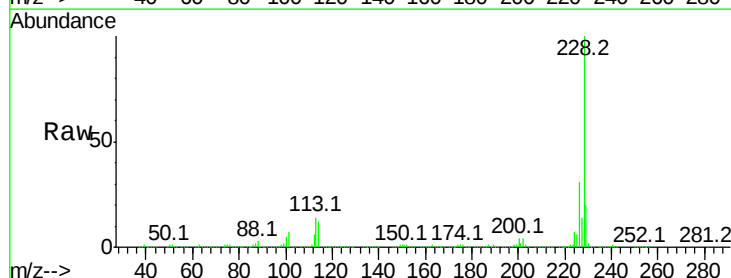
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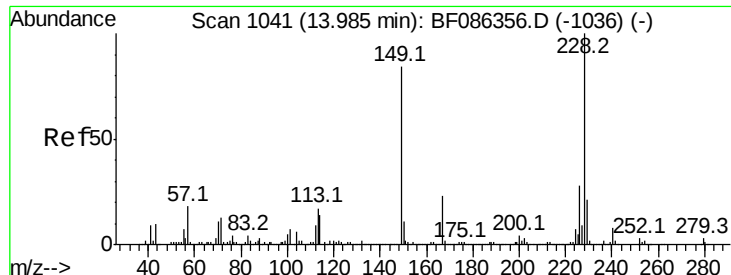
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#82
 Chrysene
 Concen: 48.13 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	19.8	15.8	23.8





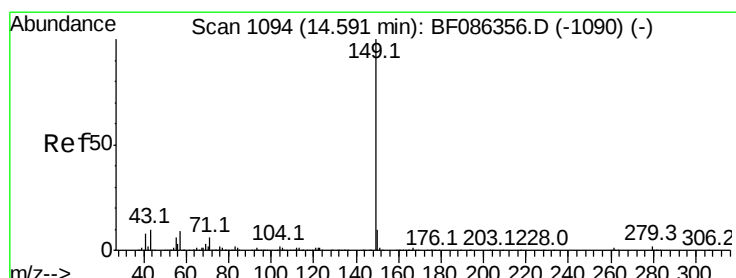
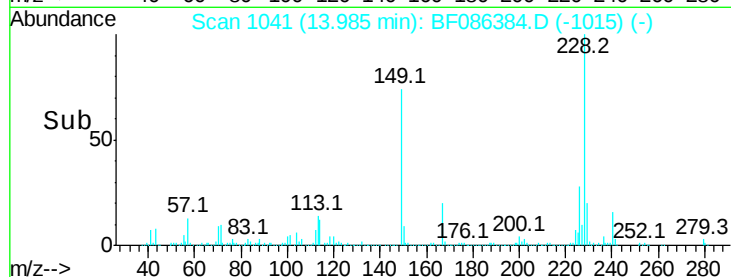
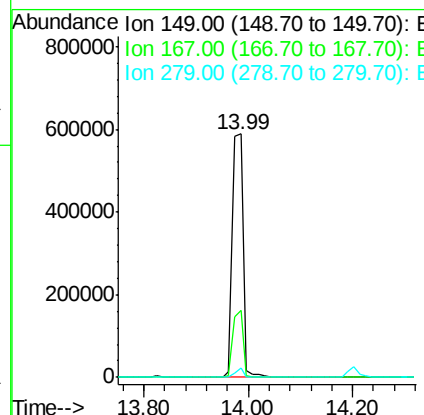
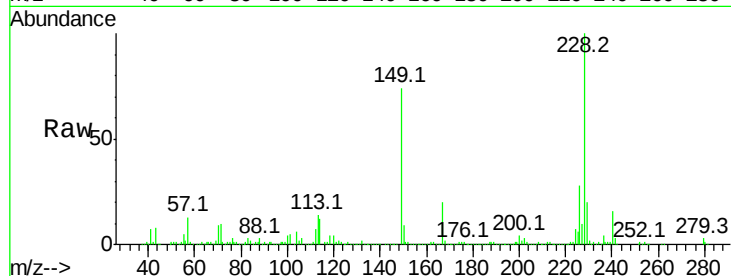
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.32 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	837895		
167	27.4	21.8	32.6	
279	4.0	2.6	4.0#	

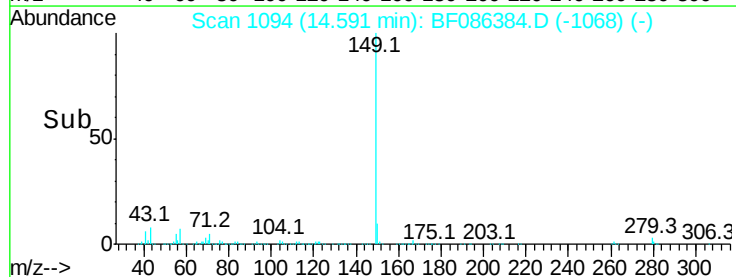
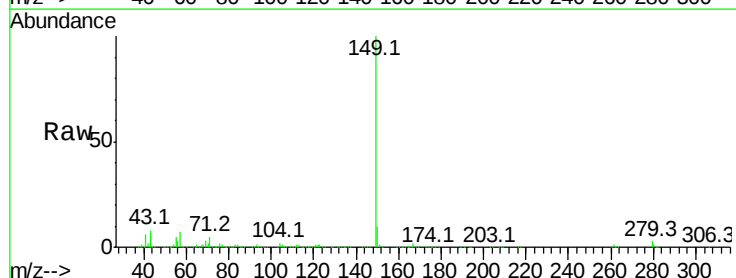
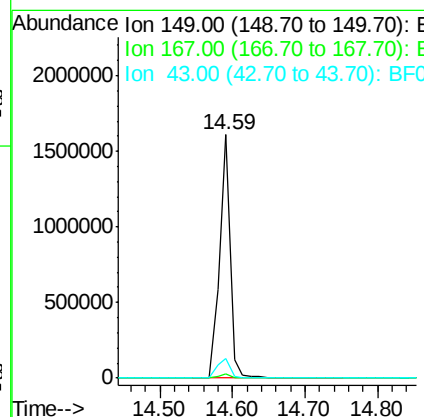
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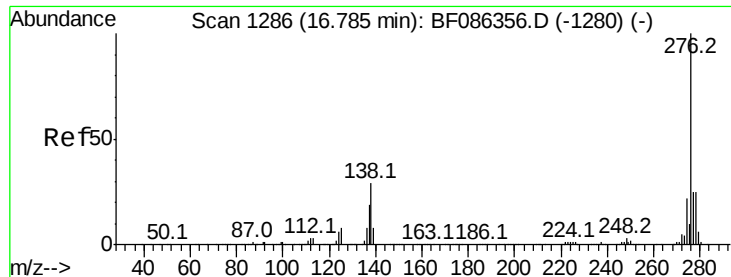
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#84
 Di-n-octyl phthalate
 Concen: 51.11 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1633850		
167	1.5	1.2	1.8	
43	9.7	8.2	12.4	





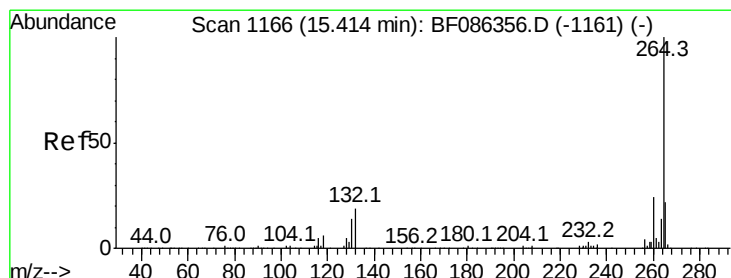
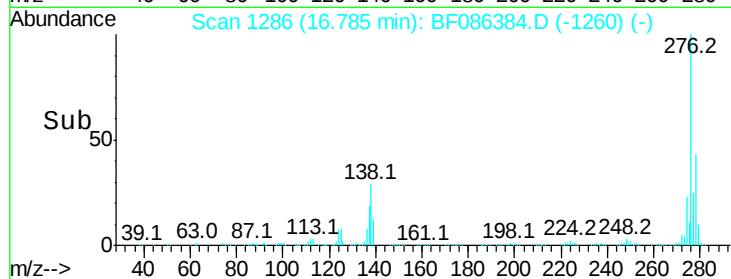
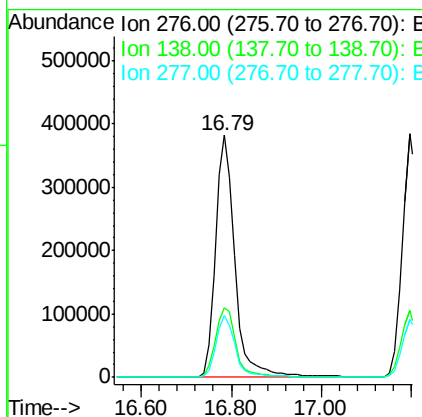
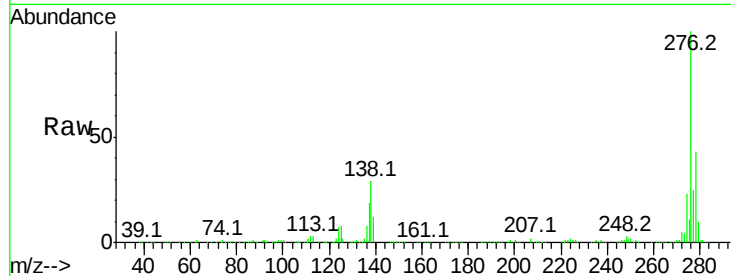
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.20 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	25.6	38.4
277	25.6	20.5	30.7

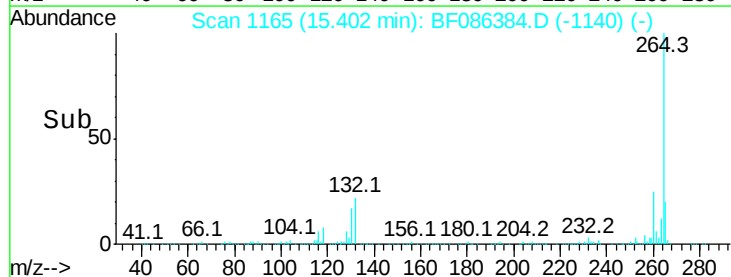
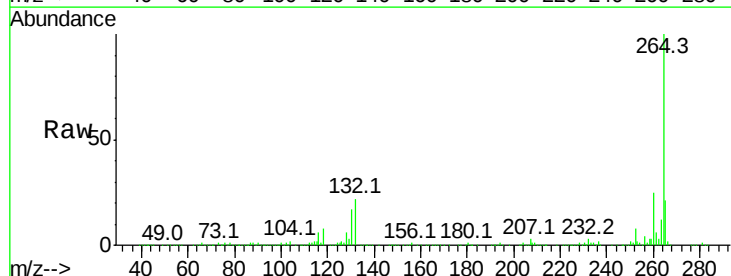
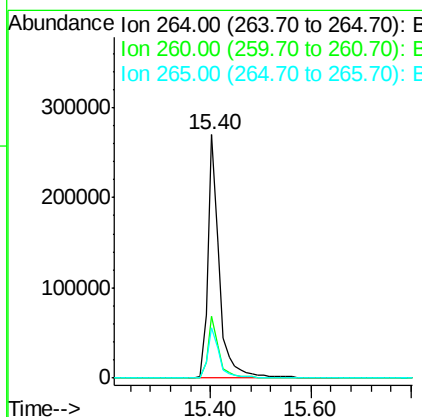
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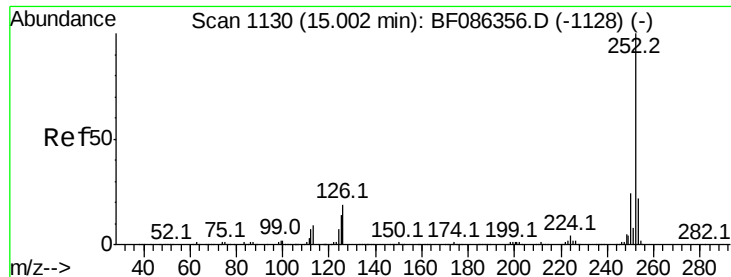
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	20.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 44.73 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF086384.D

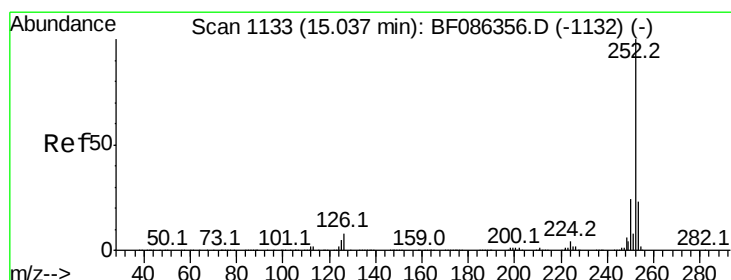
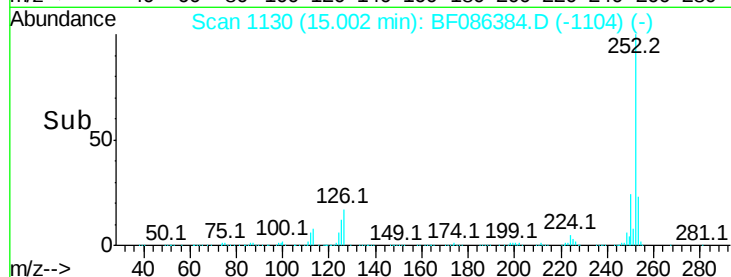
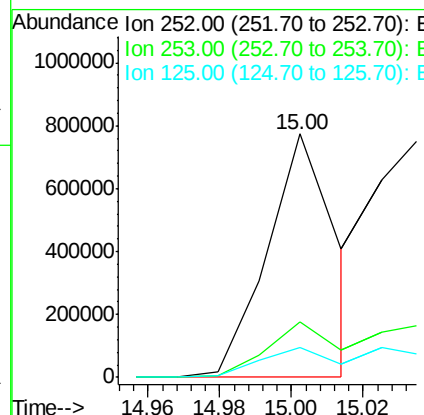
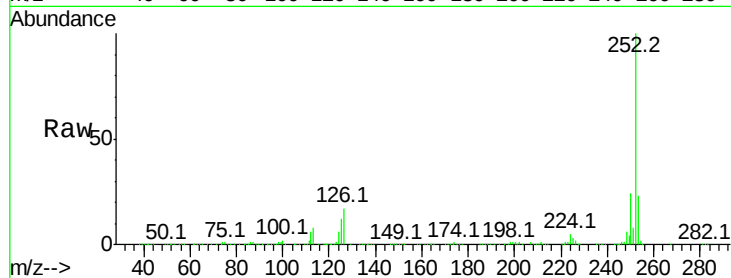
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	12.5	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 52.11 ng m

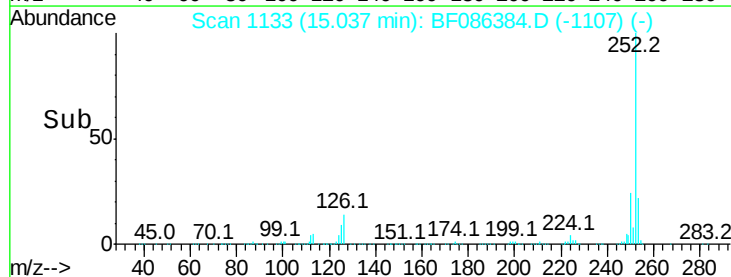
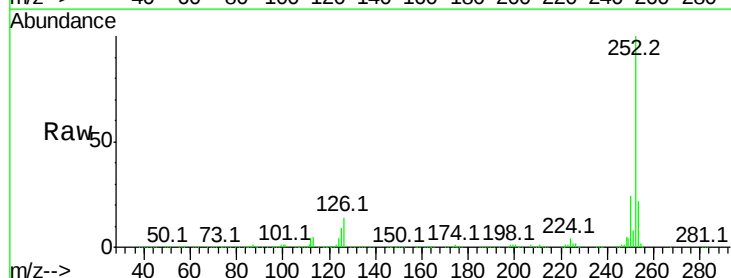
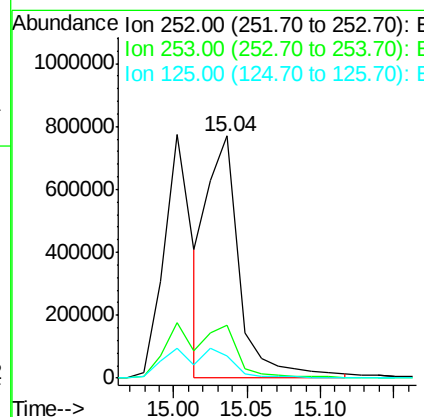
RT: 15.04 min Scan# 1133

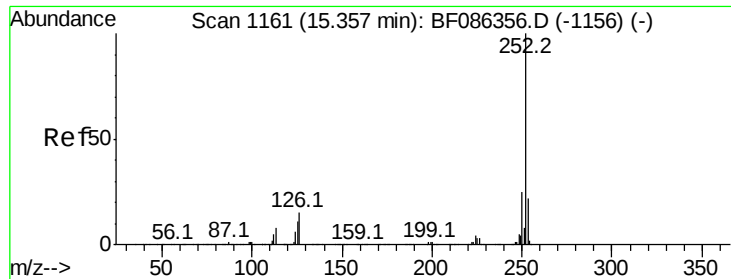
Delta R.T. 0.00 min

Lab File: BF086384.D

Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.1	9.1	13.7





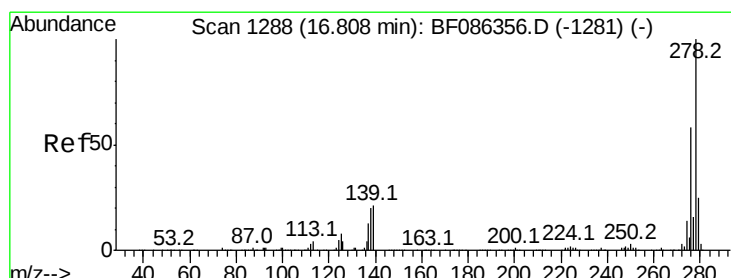
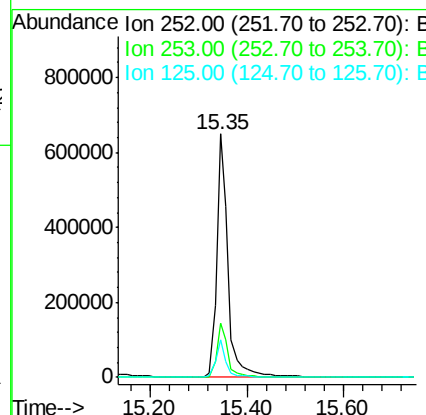
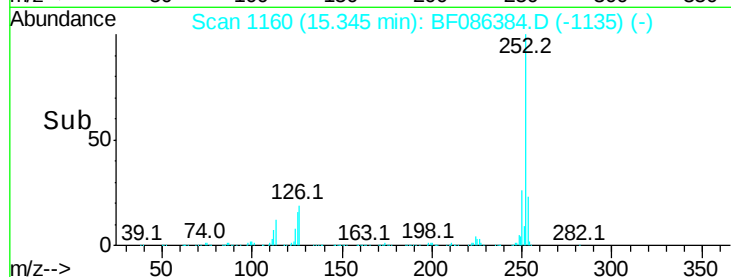
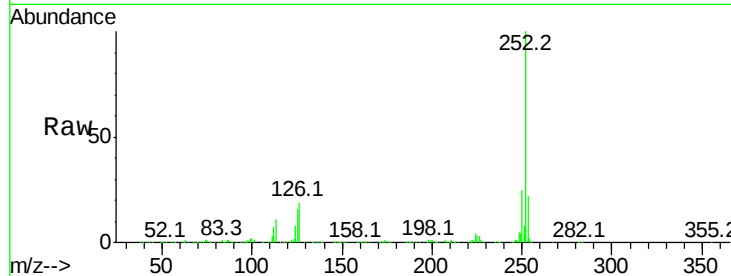
#89
Benzo(a)pyrene
Concen: 46.89 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	15.6	9.0	13.6

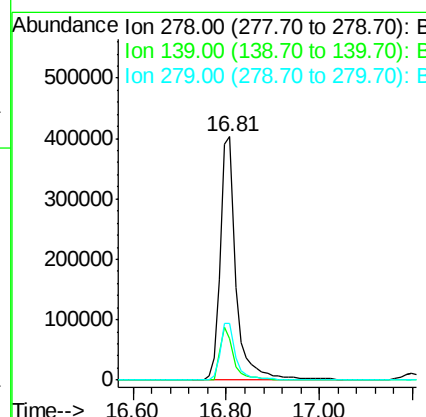
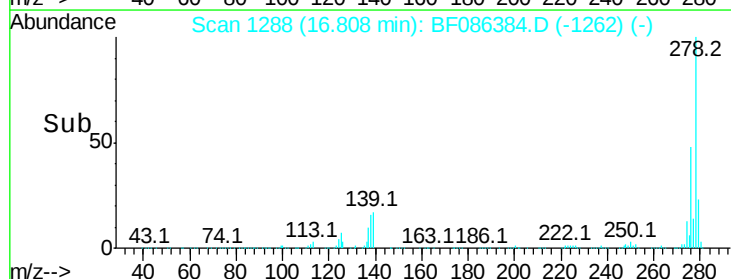
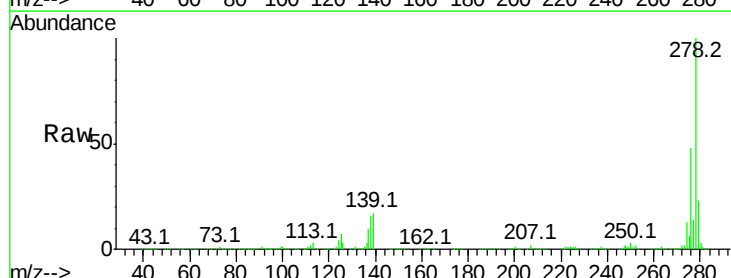
Manual Integrations
APPROVED

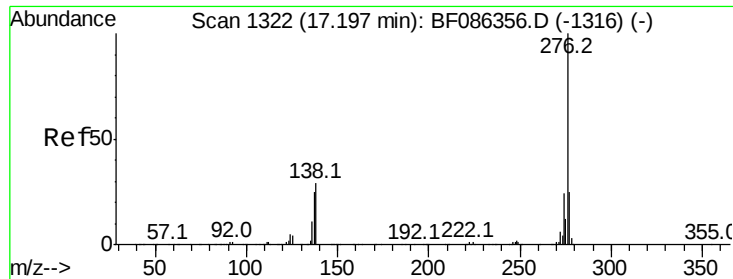
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#90
Dibenzo(a,h)anthracene
Concen: 50.10 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF086384.D
Acq: 23 Apr 2016 11:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	16.6	24.8
279	23.1	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.75 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF086384.D
 Acq: 23 Apr 2016 11:40

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	27.7	23.6	35.4

Manual Integrations
 APPROVED

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