

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084294.D
 Acq On : 6 Jan 2016 17:25
 Operator : SJ/UM
 Sample : H1010-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

Manual Integrations
 APPROVED

umangi
 1/7/2016 12:04:00 PM

Quant Time: Jan 07 01:26:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	280937	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1175014	20.00	ng	-0.03
38) Acenaphthene-d10	9.92	164	560523	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	985834	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	763815	20.00	ng	-0.03
86) Perylene-d12	15.46	264	624938	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1111717	64.01	ng	-0.02
7) Phenol-d6	6.51	99	943201	43.24	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1969528	93.29	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	685908	121.21	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	3279412	104.36	ng	-0.02
78) Terphenyl-d14	12.98	244	2438597	71.27	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	119381	14.51	ng	# 73
3) Pyridine	3.24	79	293804	12.81	ng	# 62
4) n-Nitrosodimethylamine	3.16	42	190369	16.17	ng	# 83
6) Aniline	6.56	93	570551	17.88	ng	# 80
8) 2-Chlorophenol	6.66	128	766831	38.91	ng	# 98
9) Benzaldehyde	6.41	77	287158	20.22	ng	# 95
10) Phenol	6.52	94	405600	16.35	ng	# 95
11) bis(2-Chloroethyl)ether	6.60	93	841590	43.80	ng	# 80
12) 1,3-Dichlorobenzene	6.81	146	821530	40.41	ng	# 94
13) 1,4-Dichlorobenzene	6.89	146	855967	41.99	ng	# 95
14) 1,2-Dichlorobenzene	7.04	146	718181	36.79	ng	# 94
15) Benzyl Alcohol	7.01	79	478496	26.08	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1410804	40.32	ng	# 87
17) 2-Methylphenol	7.14	107	511450	30.97	ng	# 94
18) Hexachloroethane	7.38	117	313389	38.44	ng	# 92
19) n-Nitroso-di-n-propylamine	7.29	70	670781	45.43	ng	# 68
20) 3+4-Methylphenols	7.29	107	490626	25.27	ng	# 51
22) Acetophenone	7.29	105	1274824	45.12	ng	# 95
24) Nitrobenzene	7.46	77	1021569	47.71	ng	# 97
25) Isophorone	7.70	82	1782525	44.15	ng	# 99
26) 2-Nitrophenol	7.77	139	453752	46.56	ng	# 75
27) 2,4-Dimethylphenol	7.82	122	734946	37.26	ng	# 87
28) bis(2-Chloroethoxy)methane	7.92	93	1164793	47.23	ng	# 96
29) 2,4-Dichlorophenol	8.02	162	684715	41.67	ng	# 98
30) 1,2,4-Trichlorobenzene	8.10	180	754739	44.49	ng	# 96
31) Naphthalene	8.18	128	2235086	41.93	ng	# 97
32) Benzoic acid	7.89	122	139918	15.84	ng	# 92
33) 4-Chloroaniline	8.22	127	320391	13.11	ng	# 97
34) Hexachlorobutadiene	8.29	225	396171	40.63	ng	# 97
35) Caprolactam	8.61	113	33561	6.06	ng	# 77
36) 4-Chloro-3-methylphenol	8.72	107	746863	40.58	ng	# 96
37) 2-Methylnaphthalene	8.86	142	1639991	42.85	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	670443	41.61	ng	# 97
40) Hexachlorocyclopentadiene	9.02	237	760522	78.18	ng	# 98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	519377	43.08	nq	95
43) 2,4,5-Trichlorophenol	9.20	196	504046	43.61	nq #	92
45) 1,1'-Biphenyl	9.33	154	1754475	39.38	nq	99
46) 2-Chloronaphthalene	9.36	162	1427094	40.78	nq	97
47) 2-Nitroaniline	9.46	65	574335	49.73	nq	93
48) Acenaphthylene	9.78	152	2398343	46.39	nq	97
49) Dimethylphthalate	9.64	163	1649192	41.16	nq #	89
50) 2,6-Dinitrotoluene	9.70	165	362669	41.26	nq #	46
51) Acenaphthene	9.95	154	1799430	51.89	nq	97
52) 3-Nitroaniline	9.87	138	241202	22.15	nq #	83
53) 2,4-Dinitrophenol	9.97	184	368664	97.65	nq #	80
54) Dibenzofuran	10.12	168	2142134	47.89	nq	94
55) 4-Nitrophenol	10.04	139	265273	33.56	nq	87
56) 2,4-Dinitrotoluene	10.10	165	515548	46.35	nq #	81
57) Fluorene	10.46	166	1654951	47.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	414334	41.99	nq	94
59) Diethylphthalate	10.34	149	1688694	42.74	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	721283	50.12	nq	95
61) 4-Nitroaniline	10.49	138	386223	39.78	nq	95
62) Azobenzene	10.61	77	1918139	44.26	nq	90
64) 4,6-Dinitro-2-methylphenol	10.51	198	294472	49.46	nq	86
65) n-Nitrosodiphenylamine	10.58	169	1515268	48.07	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	507108	47.79	nq #	90
67) Hexachlorobenzene	11.00	284	500518	41.91	nq #	78
68) Atrazine	11.10	200	432300	41.91	nq	97
69) Pentachlorophenol	11.21	266	574191	92.72	nq	99
70) Phenanthrene	11.42	178	2519672	48.86	nq	95
71) Anthracene	11.47	178	2162352	42.78	nq	97
72) Carbazole	11.63	167	2194815	44.41	nq	98
73) Di-n-butylphthalate	11.96	149	2547396	49.82	nq #	95
74) Fluoranthene	12.60	202	2286859	42.45	nq	97
76) Benzidine	12.73	184	156240	5.70	nq	99
77) Pyrene	12.83	202	2358802	39.35	nq	97
79) Butylbenzylphthalate	13.46	149	1222784	47.14	nq	97
80) Benzo(a)anthracene	14.02	228	1847449	41.19	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	316579	20.23	nq #	98
82) Chrysene	14.05	228	1831421	42.50	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1482268	45.23	nq #	96
84) Di-n-octyl phthalate	14.63	149	2368035	42.80	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.87	276	1701939	49.82	nq	100
87) Benzo(b)fluoranthene	15.05	252	1661633m	40.65	nq	
88) Benzo(k)fluoranthene	15.08	252	1714352m	51.28	nq	
89) Benzo(a)pyrene	15.40	252	1571301	45.32	nq #	97
90) Dibenzo(a,h)anthracene	16.89	278	1384917	46.42	nq #	95
91) Benzo(g,h,i)perylene	17.29	276	1455541	47.11	nq	99

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



#1

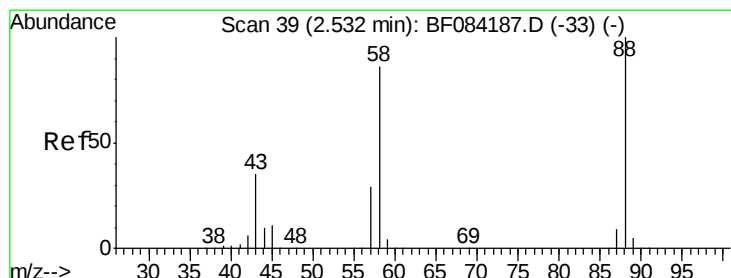
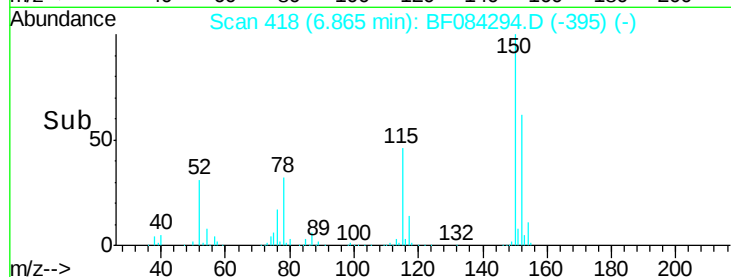
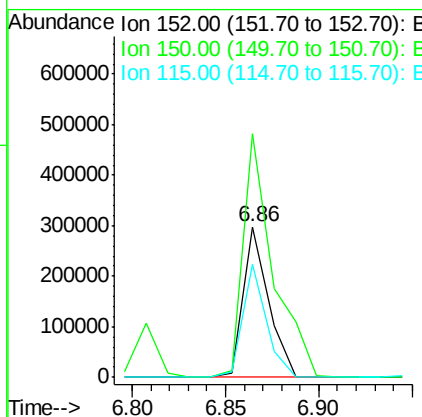
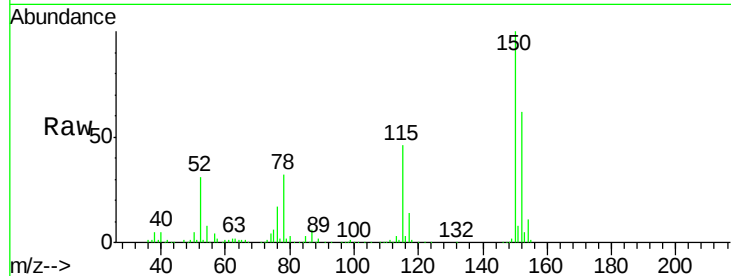
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	123.0	184.4
115	74.8	51.4	77.2

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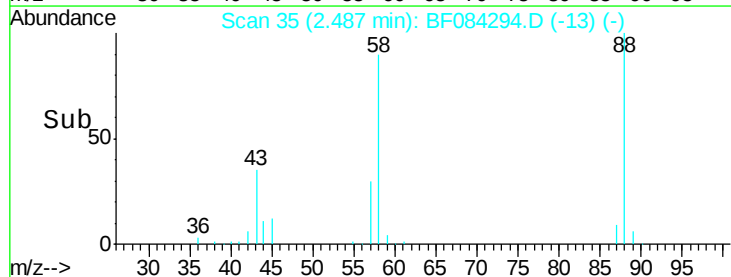
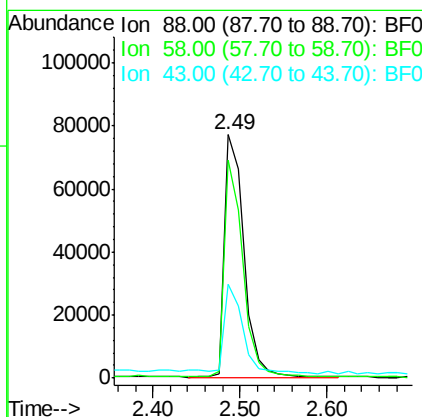
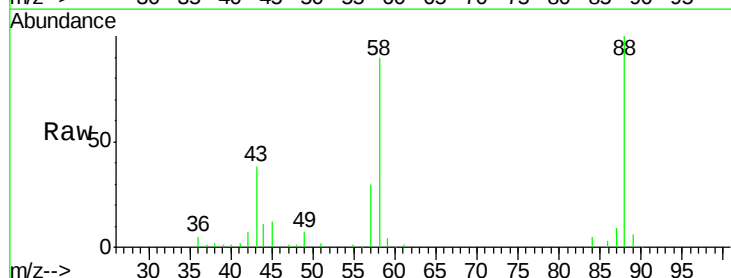
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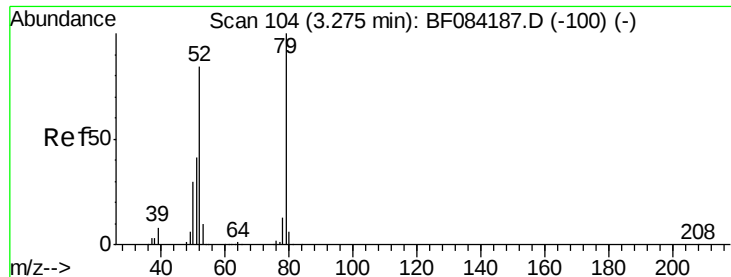


#2

1,4-Dioxane
Concen: 14.51 ng
RT: 2.49 min Scan# 35
Delta R.T. -0.05 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	51.2	76.8#
43	34.8	19.5	29.3#





#3

Pvridine

Concen: 12.81 ng

RT: 3.24 min Scan# 101

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

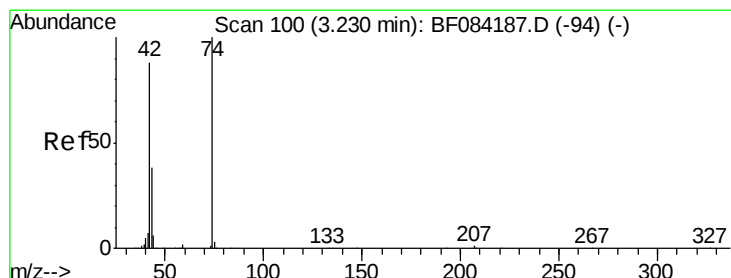
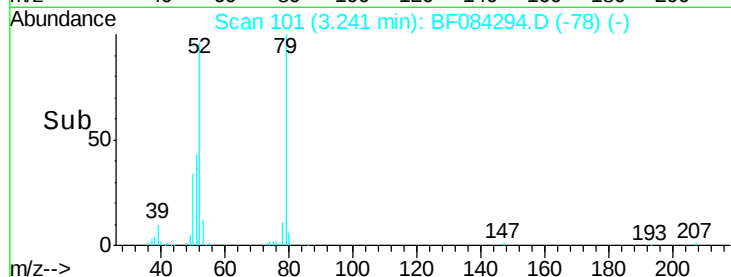
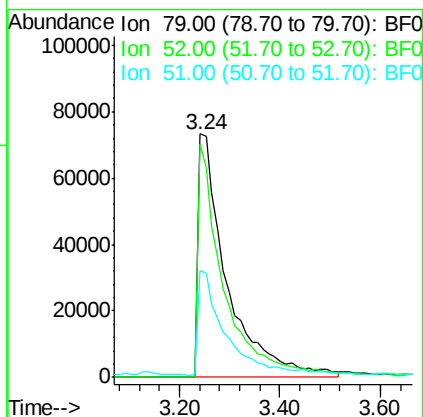
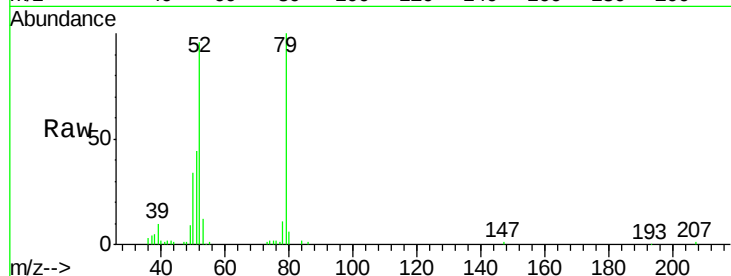
ClientSampleId :

TEP-MW-43MS

Tot Ion:	79	Resp:	293804
Ion Ratio	Lower	Upper	
79	100		
52	96.0	49.0	73.4#
51	43.9	25.2	37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 16.17 ng

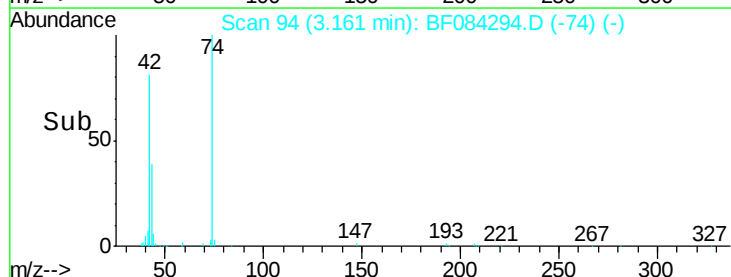
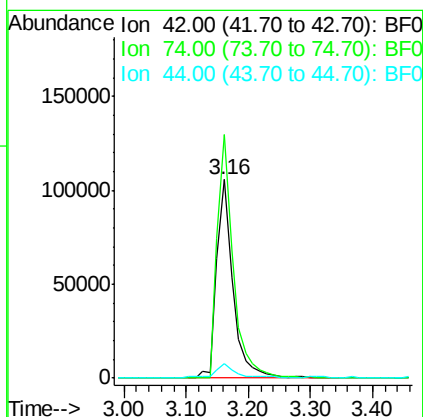
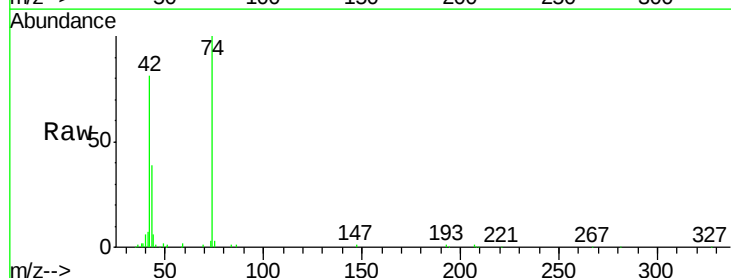
RT: 3.16 min Scan# 94

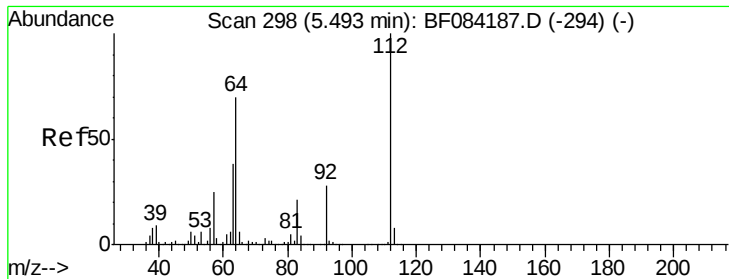
Delta R.T. -0.07 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:	42	Resp:	190369
Ion Ratio	Lower	Upper	
42	100		
74	122.8	115.7	173.5
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 64.01 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:112 Resp: 1111717

Ion Ratio Lower Upper

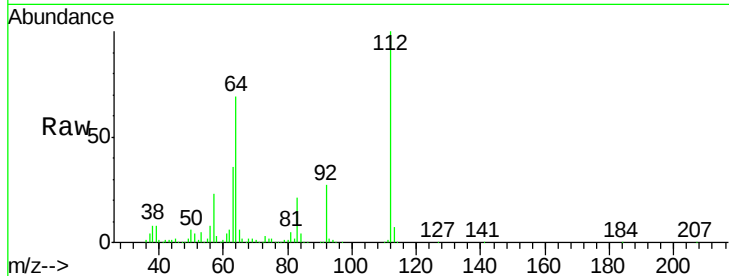
112 100

64 68.9 36.6 55.0#

63 35.9 19.4 29.0#

Manual Integrations
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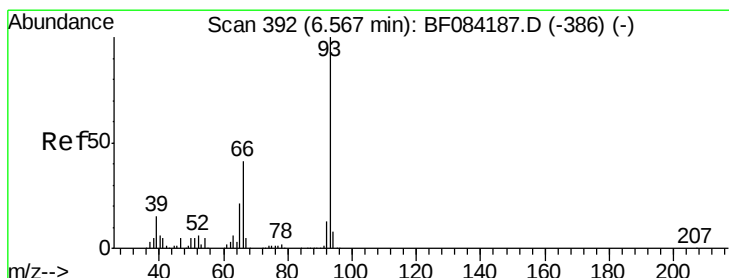
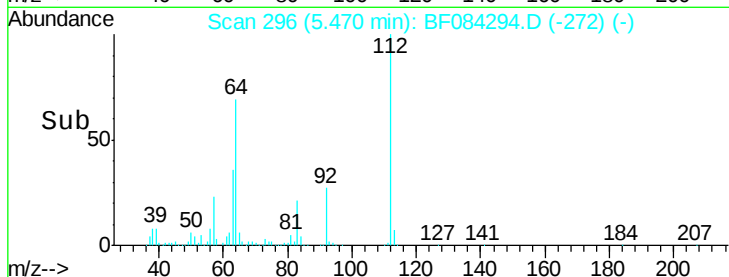
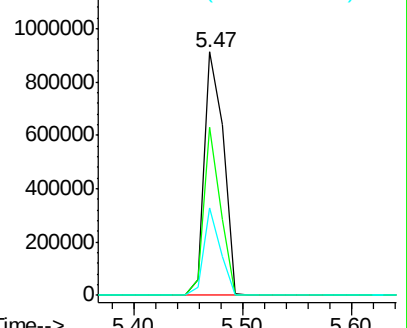
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.88 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

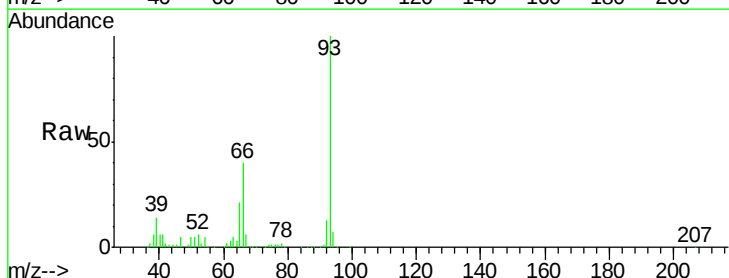
Tgt Ion: 93 Resp: 570551

Ion Ratio Lower Upper

93 100

66 40.1 44.9 67.3#

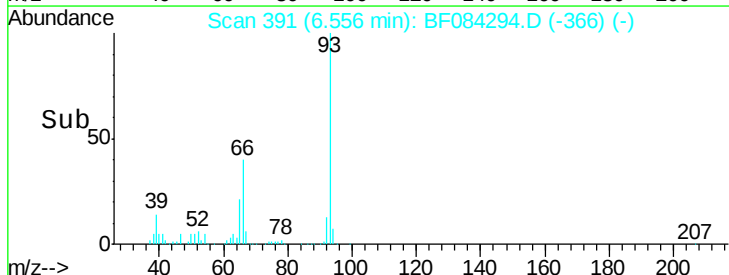
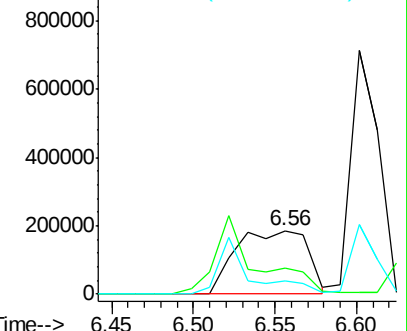
65 20.9 23.7 35.5#

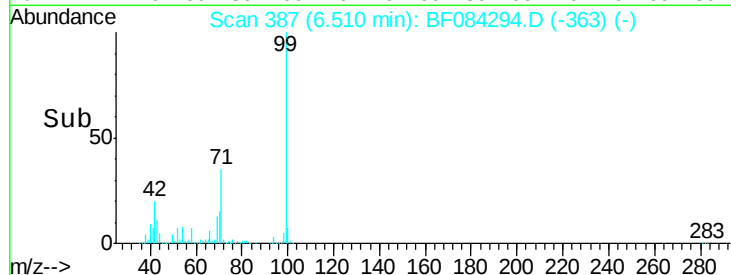
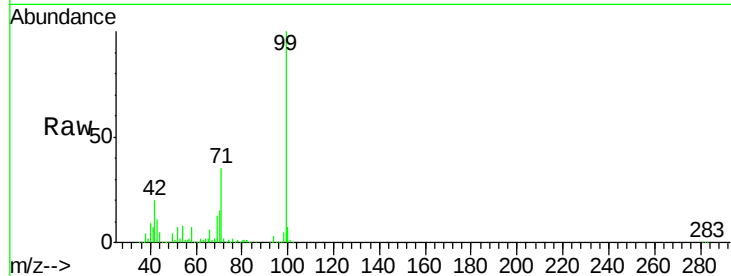
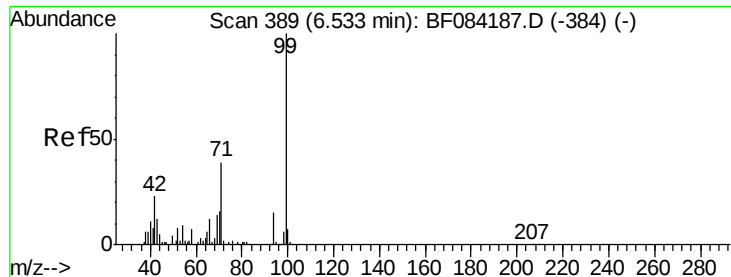


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.24 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tot Ion:	99	Resp:	943201
Ion Ratio	Lower	Upper	
99	100		
42	20.5	12.8	19.2#
71	35.4	30.9	46.3

Instrument :

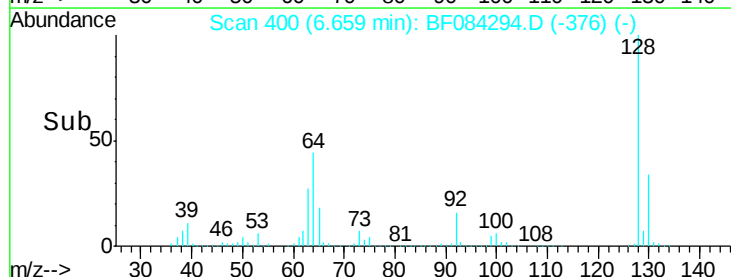
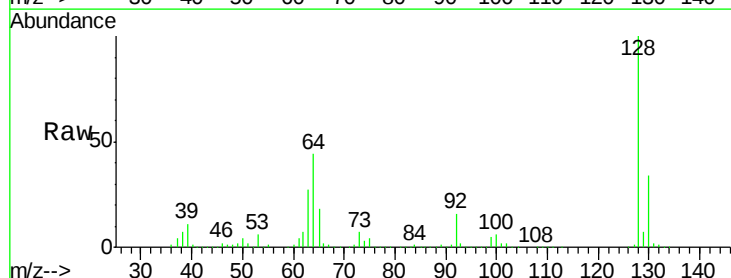
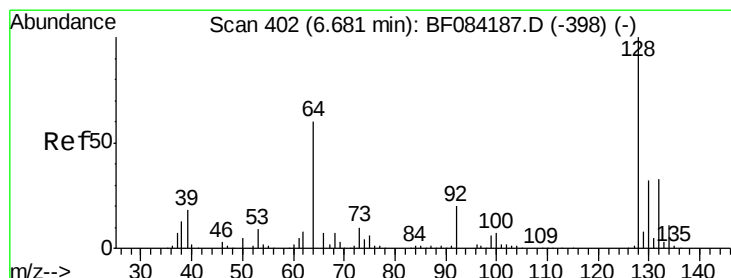
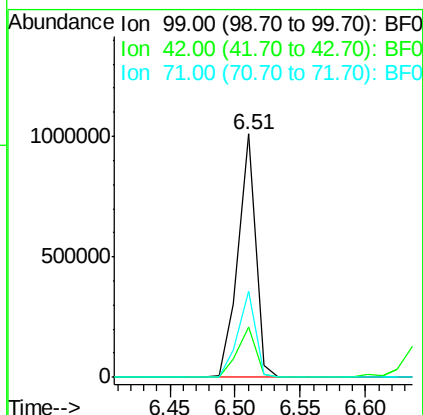
BNA_F

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#8

2-Chlorophenol

Concen: 38.91 ng

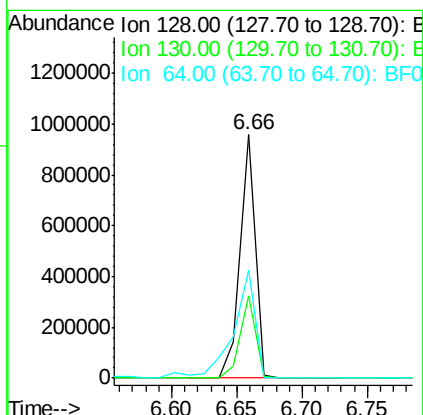
RT: 6.66 min Scan# 400

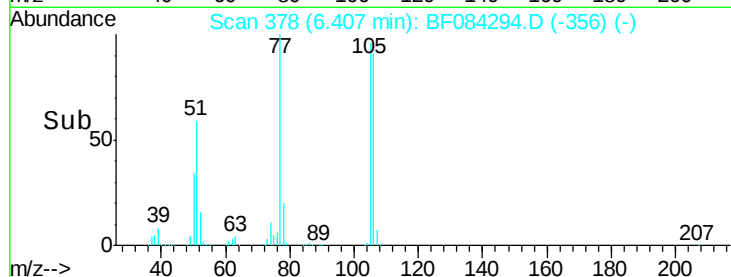
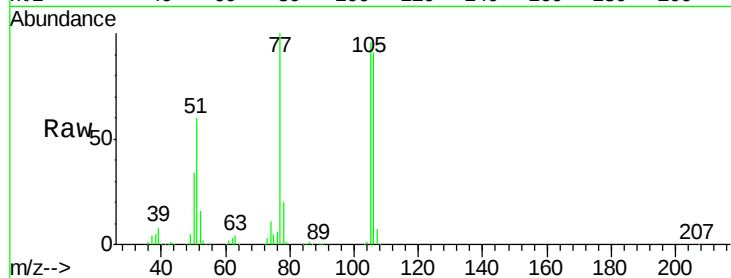
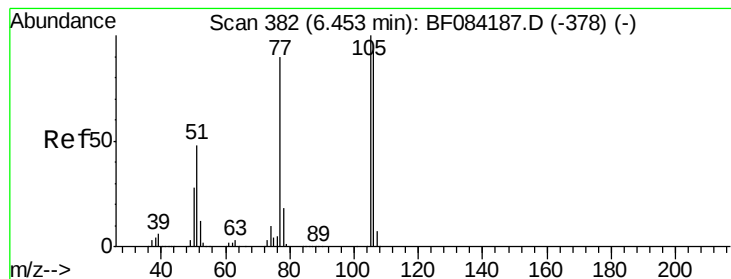
Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:	128	Resp:	766831
Ion Ratio	Lower	Upper	
128	100		
130	33.6	11.6	51.6
64	44.5	23.8	63.8





#9

Benzaldehyde

Concen: 20.22 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tot Ion:	77	Resp:	287158
Ion Ratio	Lower	Upper	
77	100		
105	95.6	83.0	123.0
106	91.5	74.6	114.6

Instrument :

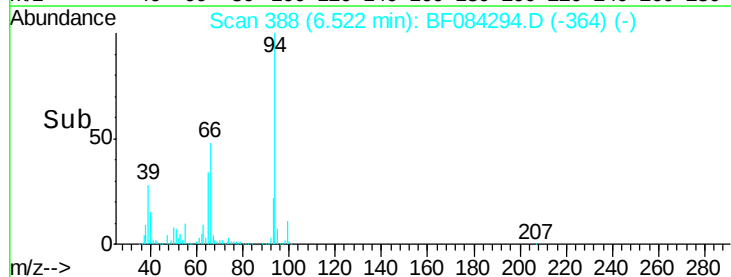
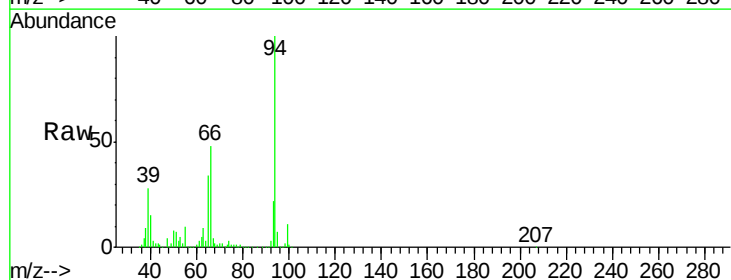
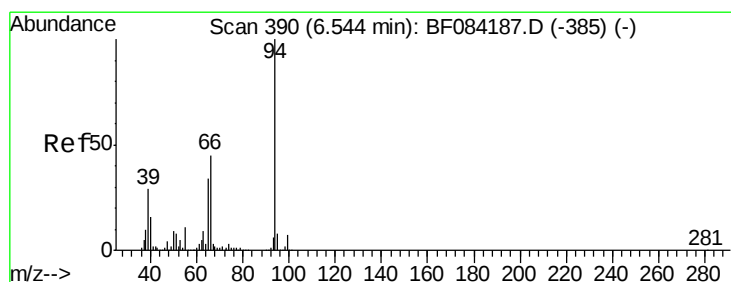
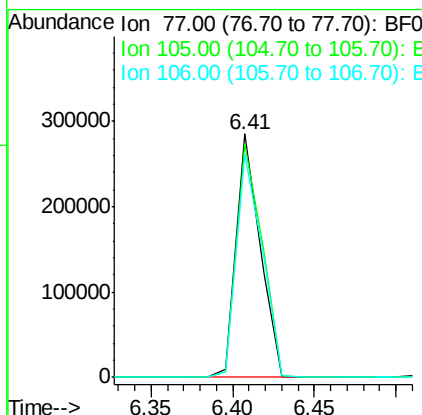
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 16.35 ng

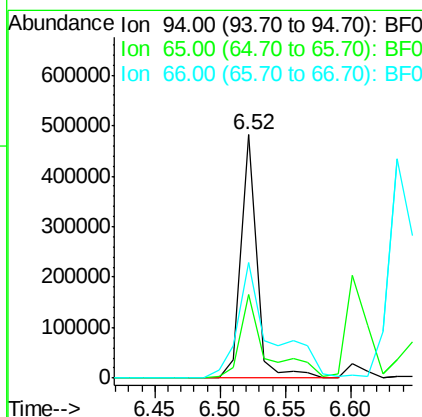
RT: 6.52 min Scan# 388

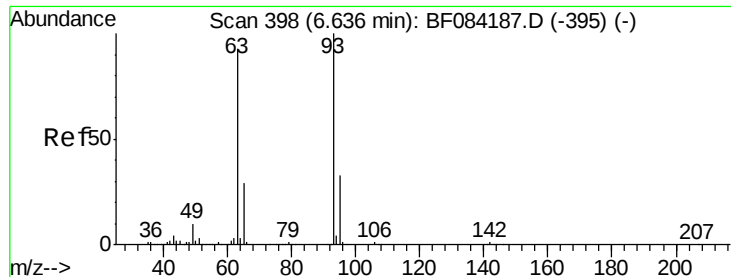
Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:	94	Resp:	405600
Ion Ratio	Lower	Upper	
94	100		
65	34.3	12.9	52.9
66	47.6	32.7	72.7





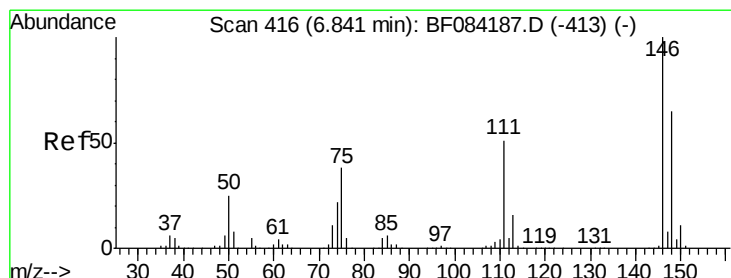
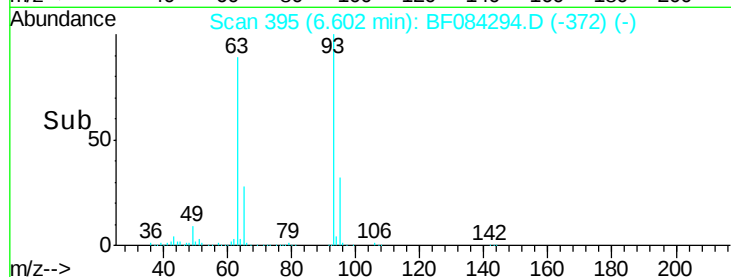
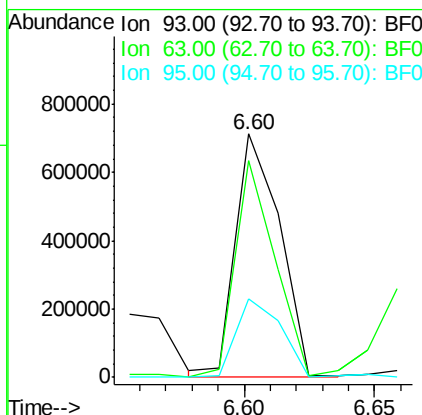
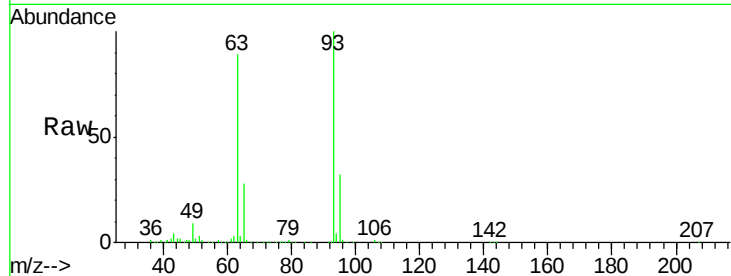
#11
bis(2-Chloroethyl)ether
Concen: 43.80 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	841590		
63	89.3	45.9	85.9#	
95	32.4	12.3	52.3	

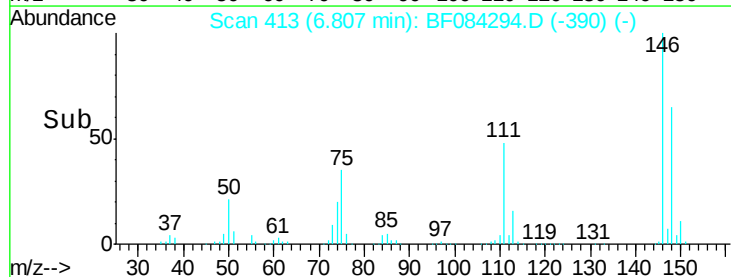
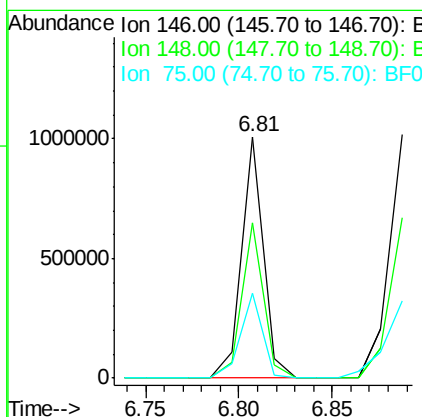
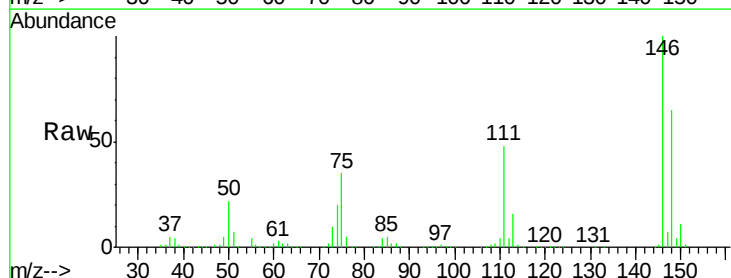
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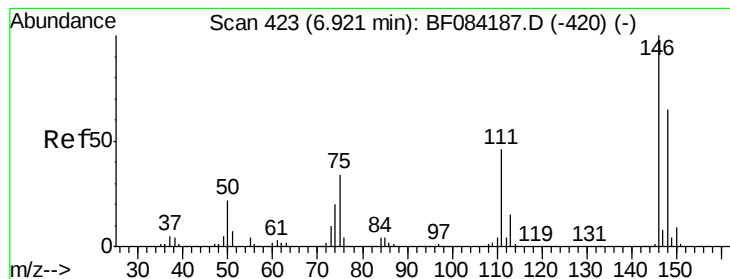
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#12
1,3-Dichlorobenzene
Concen: 40.41 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	821530		
148	64.6	51.9	77.9	
75	35.4	20.5	30.7#	





#13

1,4-Dichlorobenzene

Concen: 41.99 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

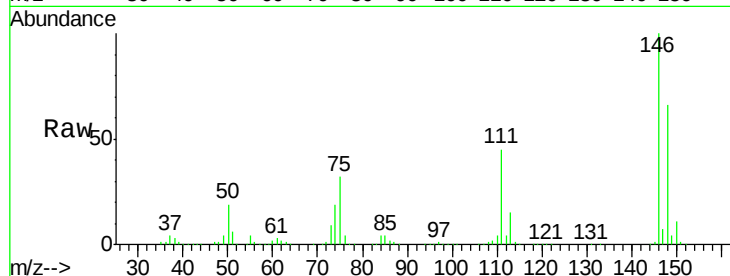
ClientSampleId :

TEP-MW-43MS

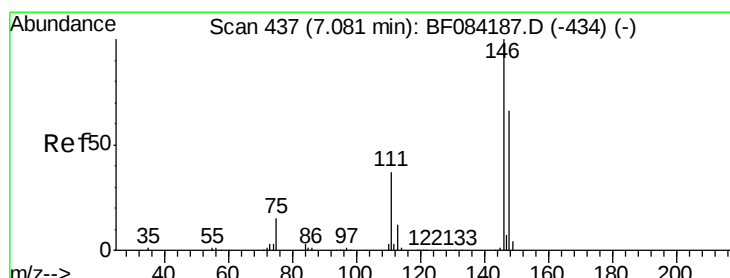
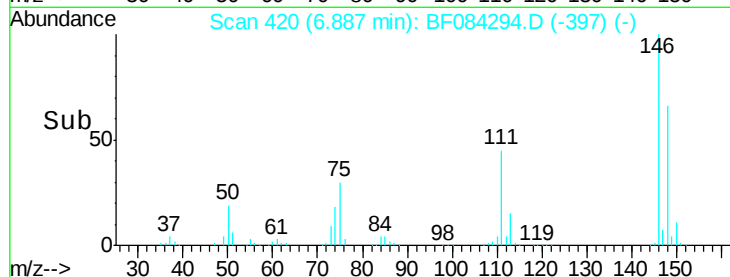
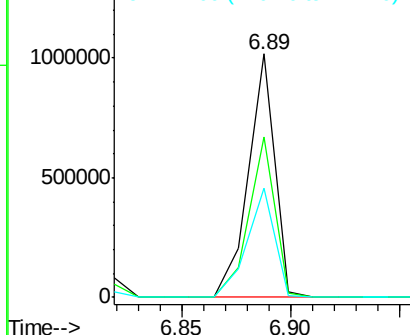
Tot Ion:	146	Resp:	855967
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.9	77.9
111	45.1	41.6	62.4

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



#14

1,2-Dichlorobenzene

Concen: 36.79 ng

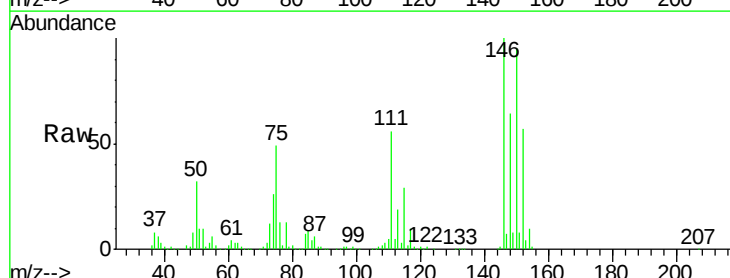
RT: 7.04 min Scan# 433

Delta R.T. -0.05 min

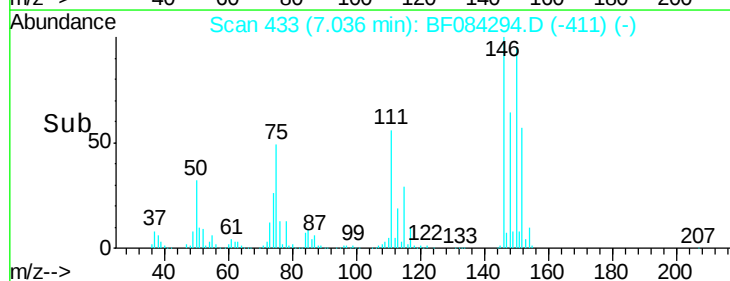
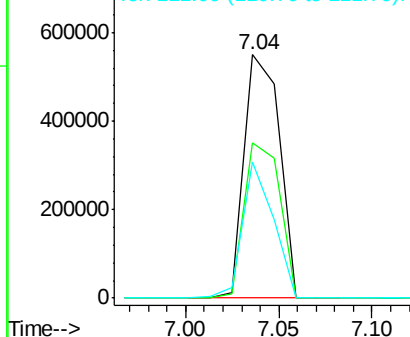
Lab File: BF084294.D

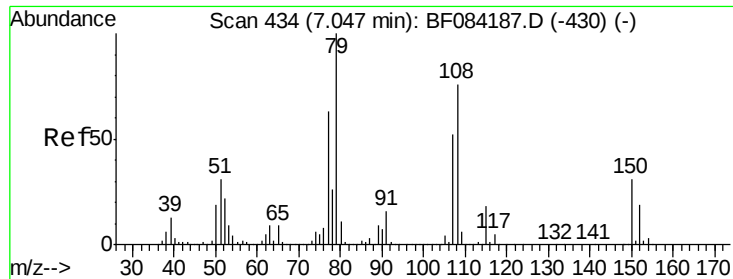
Acq: 6 Jan 2016 17:25

Tgt Ion:	146	Resp:	718181
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.6	77.4
111	56.0	38.0	57.0



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





#15

Benzyl Alcohol

Concen: 26.08 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

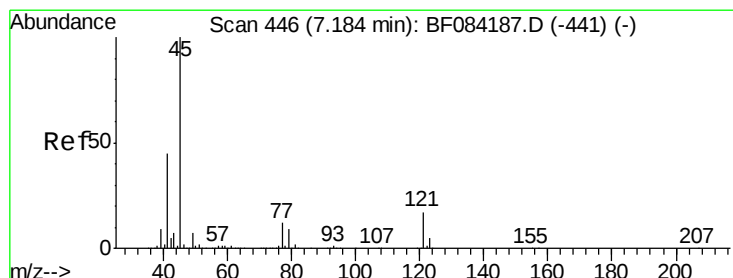
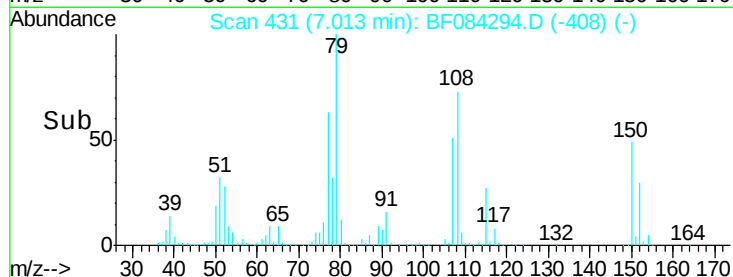
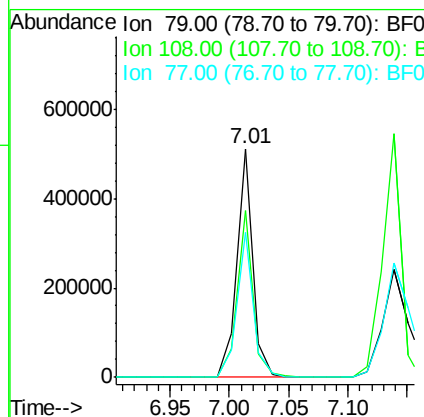
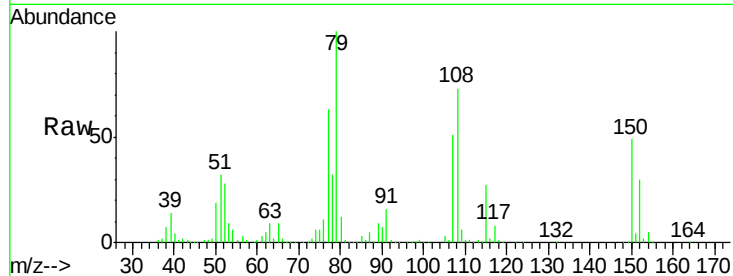
ClientSampleId :

TEP-MW-43MS

Tot Ion:	79	Resp:	478496
Ion Ratio	Lower	Upper	
79	100		
108	73.2	69.0	103.4
77	63.2	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.32 ng

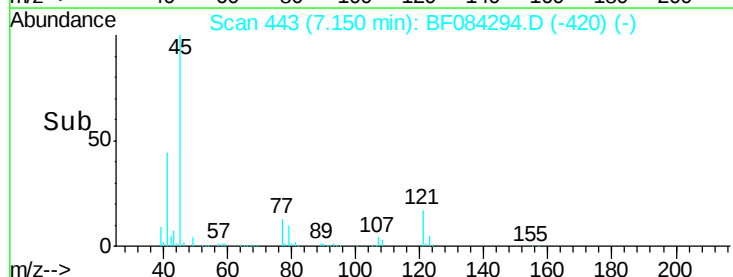
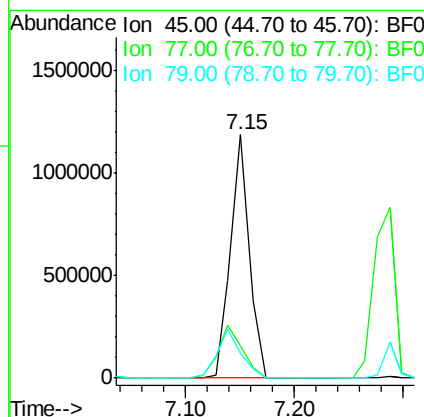
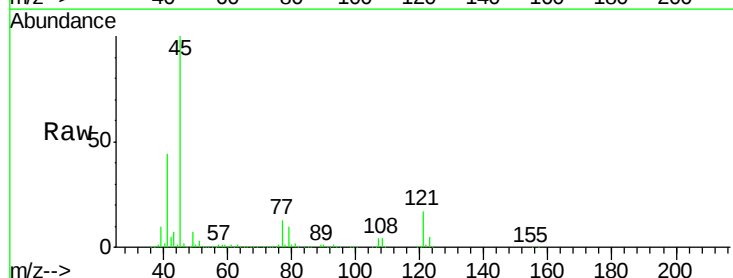
RT: 7.15 min Scan# 443

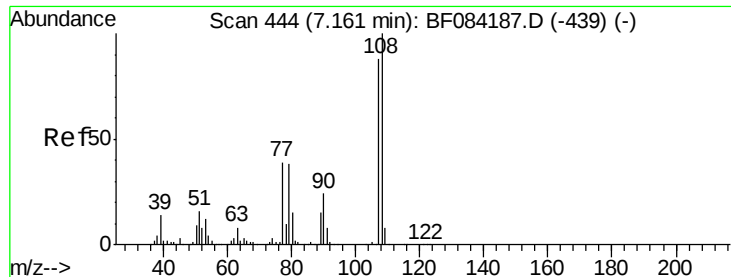
Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:	45	Resp:	1410804
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	39.6
79	10.3	0.0	35.0





#17

2-Methylphenol

Concen: 30.97 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

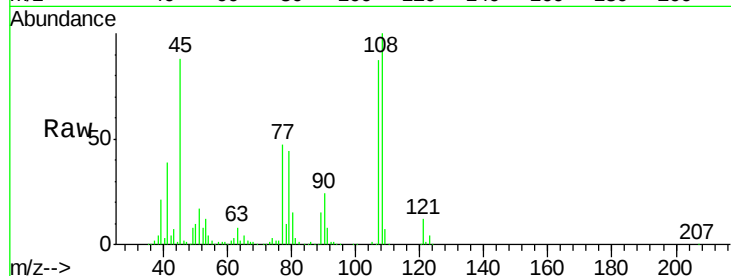
ClientSampleId :

TEP-MW-43MS

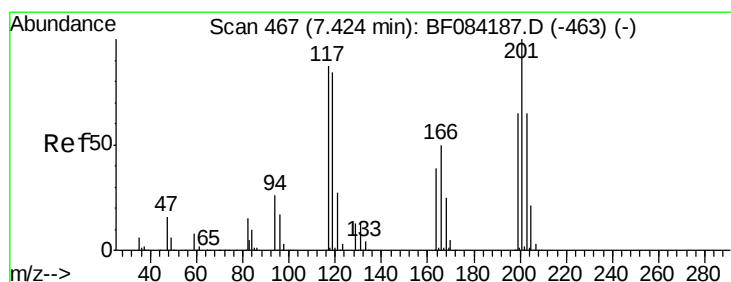
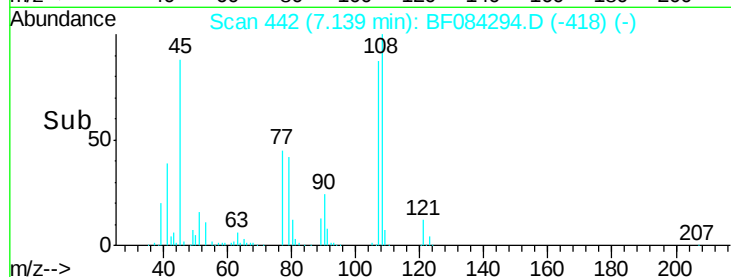
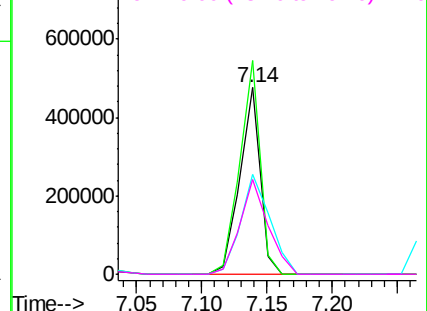
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	89.8	134.6	
77	53.7	35.7	53.5	
79	50.7	35.7	53.5	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.44 ng

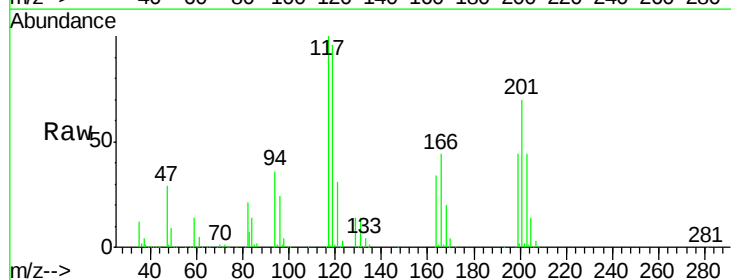
RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

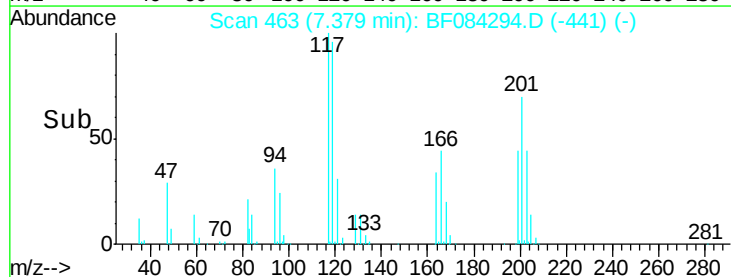
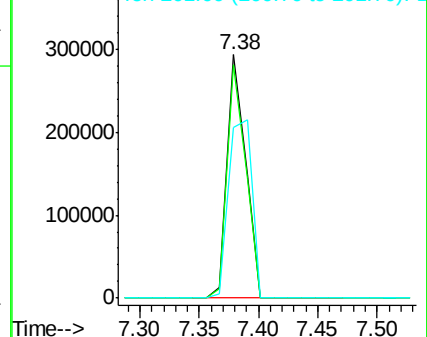
Lab File: BF084294.D

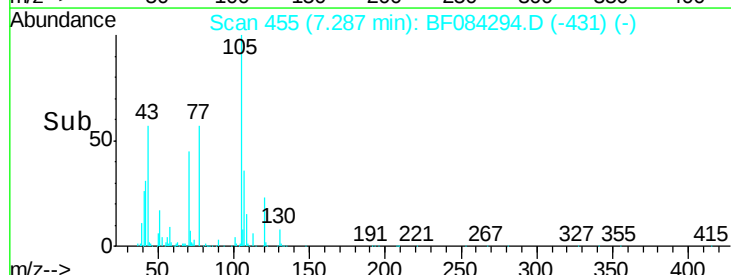
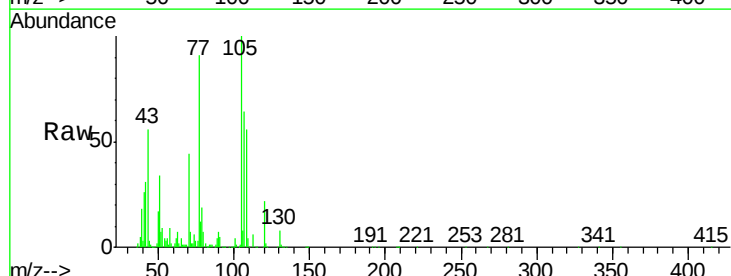
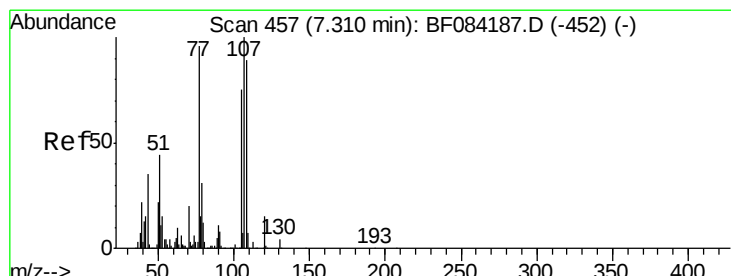
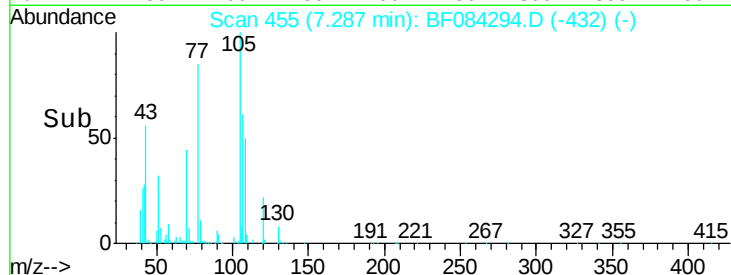
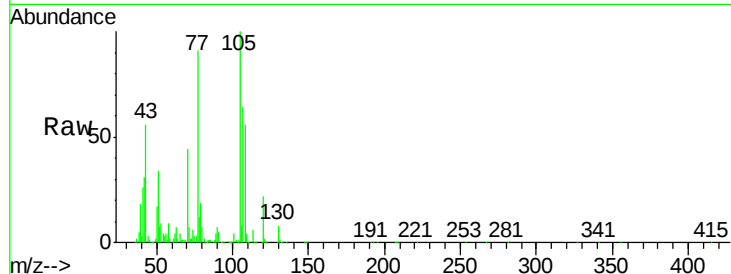
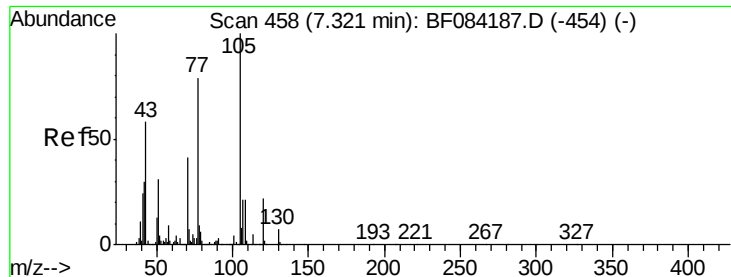
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.4	116.0	
201	70.0	68.6	103.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





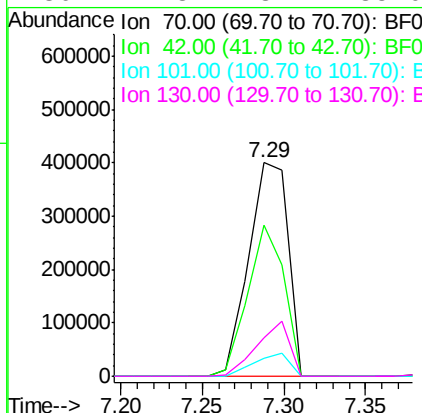
#19
n-Nitroso-di-n-propylamine
Concen: 45.43 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.9	33.3	49.9#
101	8.5	9.3	13.9#
130	17.8	23.4	35.0#

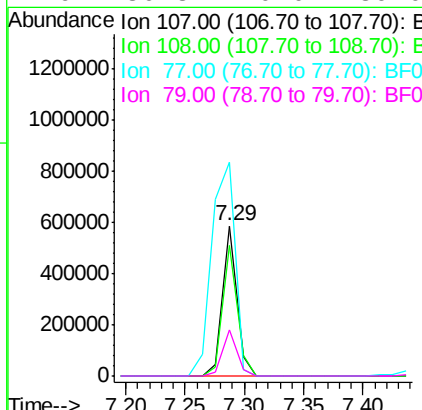
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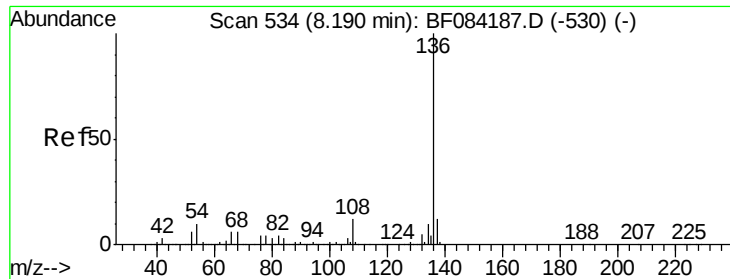
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#20
3+4-Methylphenols
Concen: 25.27 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	74.6	114.6
77	142.0	0.7	40.7#
79	30.3	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:136 Resp: 1175014

Ion Ratio Lower Upper

136 100

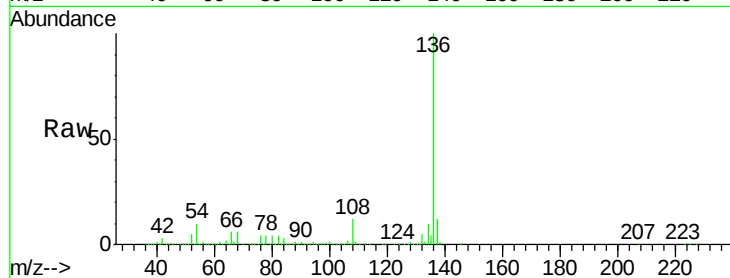
137 11.8 8.7 13.1

54 9.9 5.8 8.8#

68 5.7 4.2 6.2

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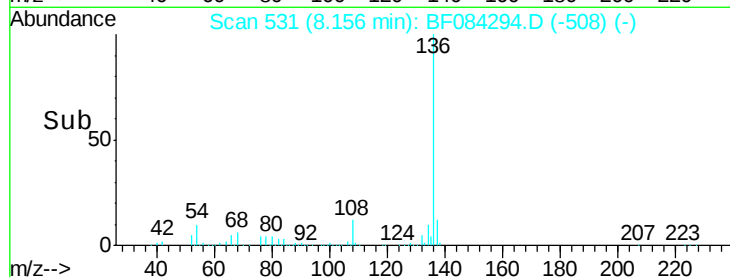


Abundance Ion 136.00 (135.70 to 136.70): E

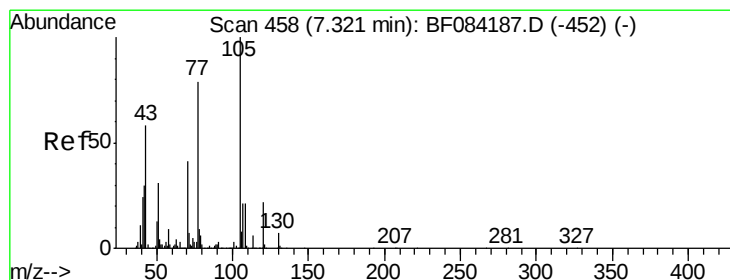
2000000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 45.12 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:105 Resp: 1274824

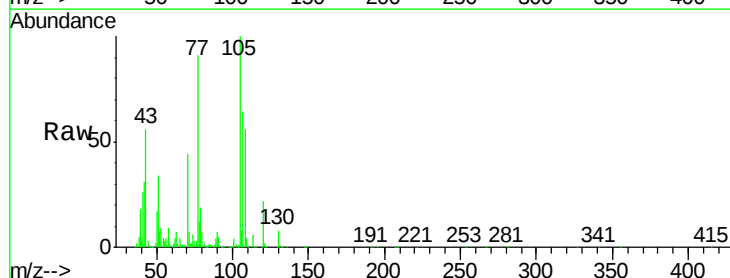
Ion Ratio Lower Upper

105 100

71 7.3 3.7 5.5#

51 34.3 25.1 37.7

120 22.2 16.6 25.0

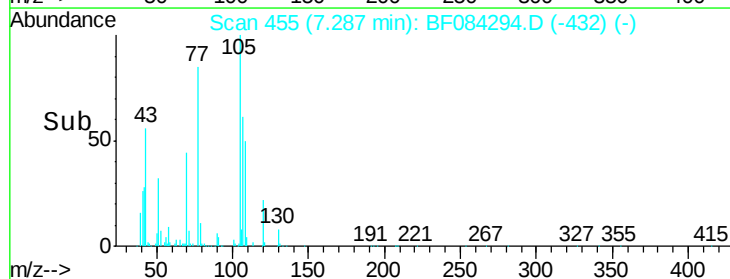


Abundance Ion 105.00 (104.70 to 105.70): E

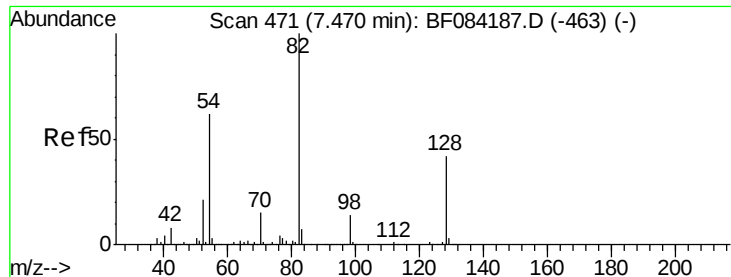
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



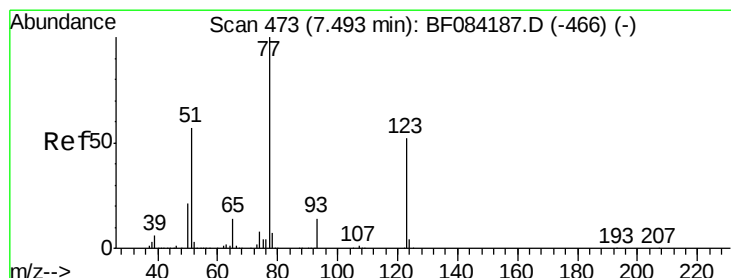
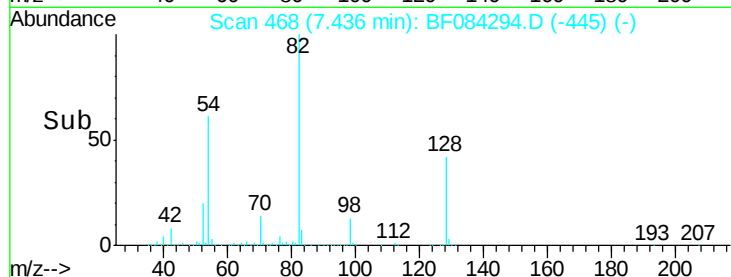
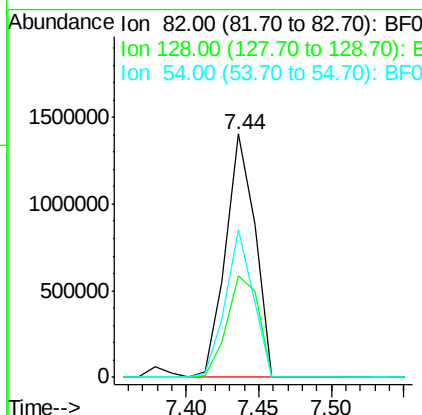
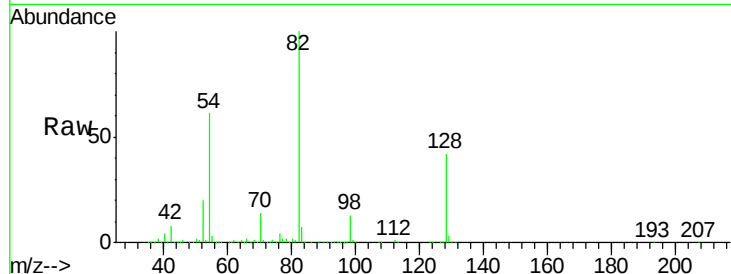
#23
Nitrobenzene-d5
Concen: 93.29 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	51.8
54	60.7	38.4	57.6

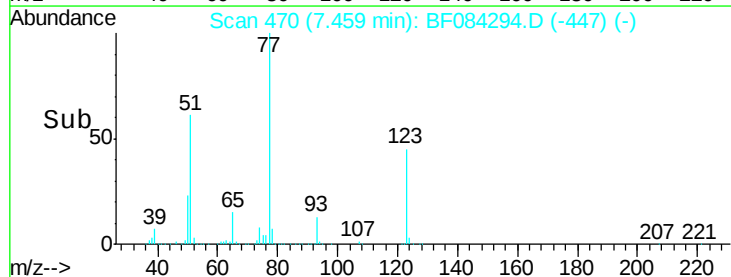
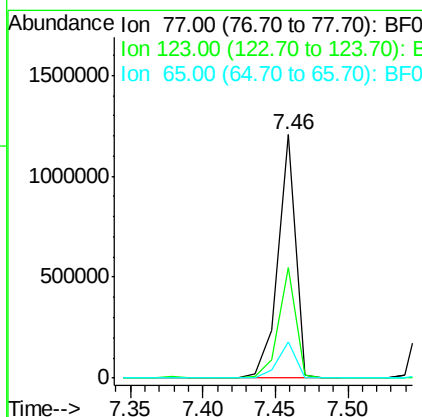
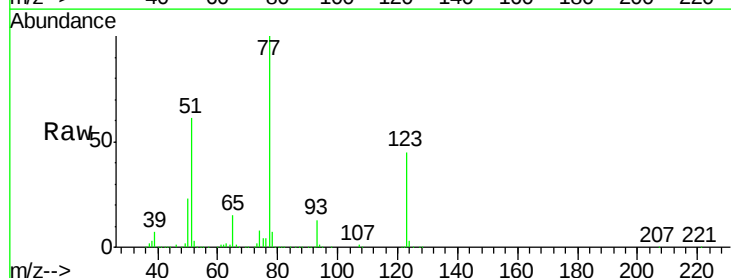
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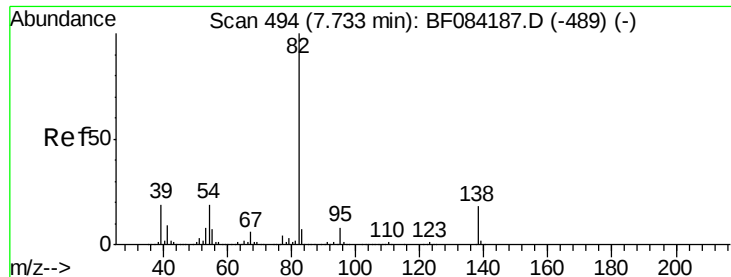
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#24
Nitrobenzene
Concen: 47.71 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.4	56.2
65	15.0	10.9	16.3





#25

Isophorone

Concen: 44.15 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion: 82 Resp: 1782525

Ion Ratio Lower Upper

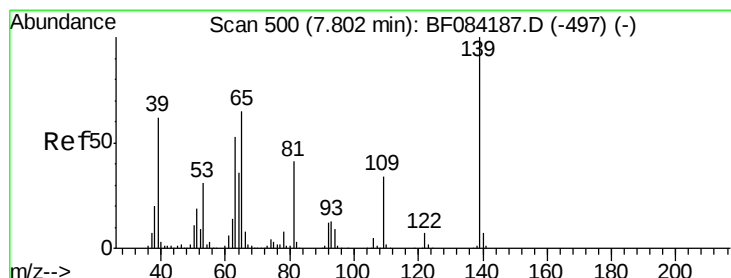
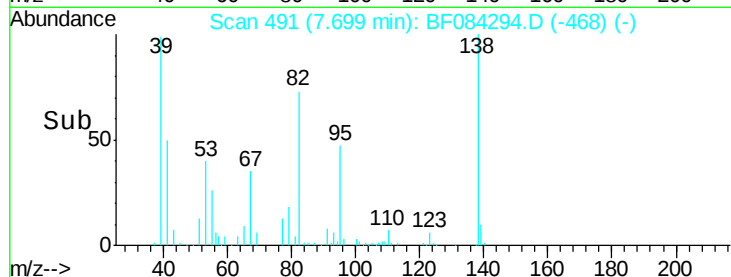
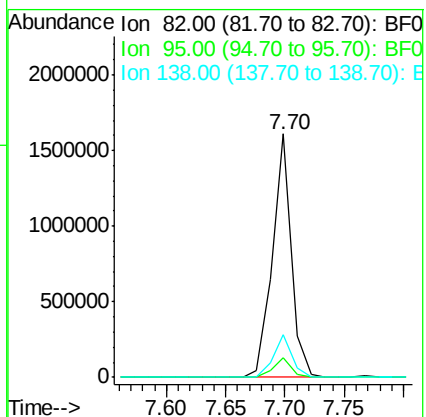
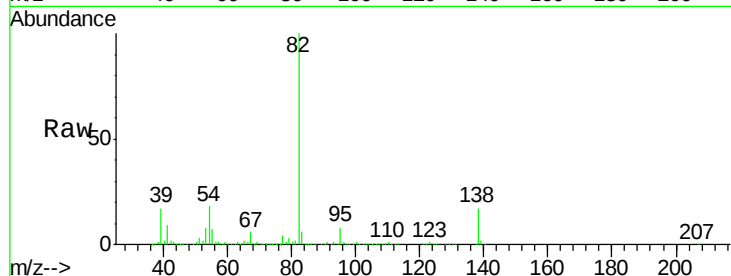
82 100

95 8.2 6.6 10.0

138 17.4 13.6 20.4

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#26

2-Nitrophenol

Concen: 46.56 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

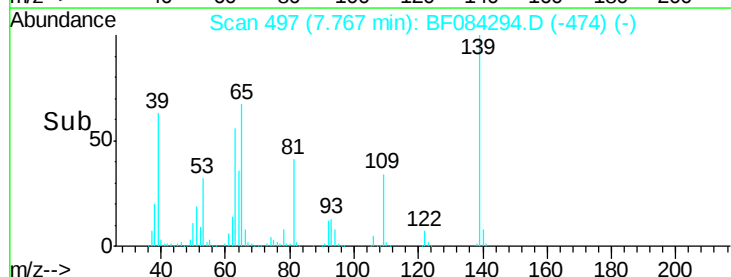
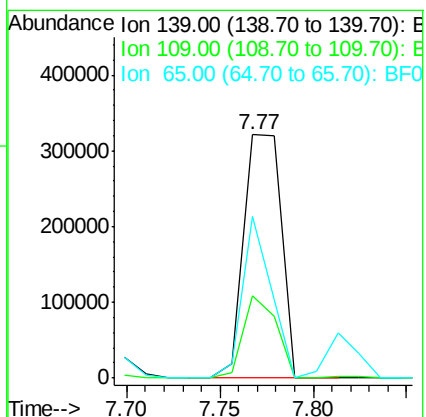
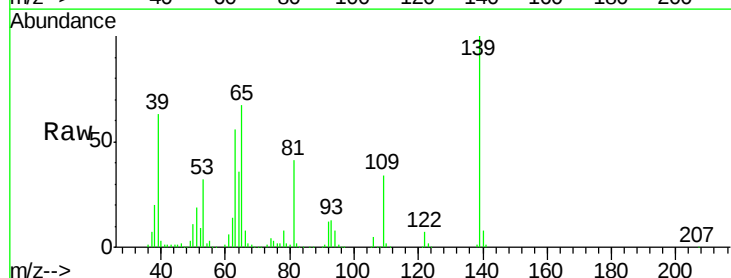
Tgt Ion: 139 Resp: 453752

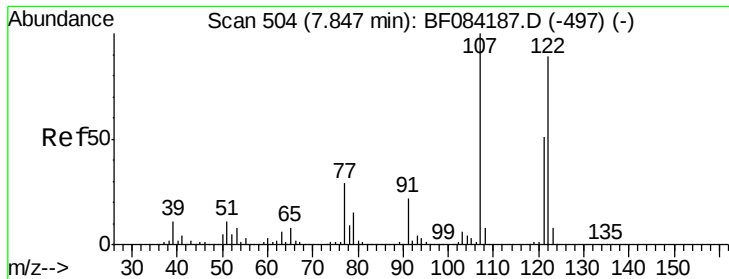
Ion Ratio Lower Upper

139 100

109 33.7 25.4 38.2

65 66.6 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 37.26 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

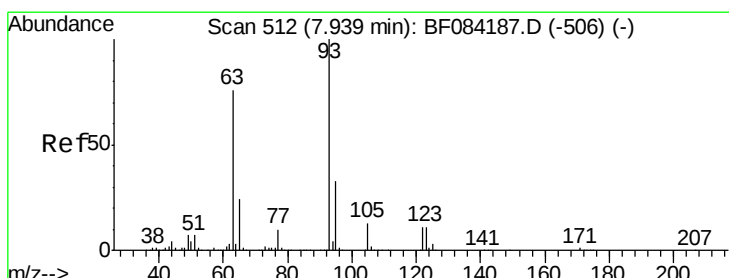
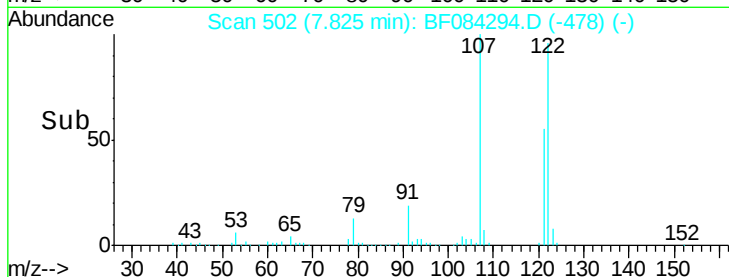
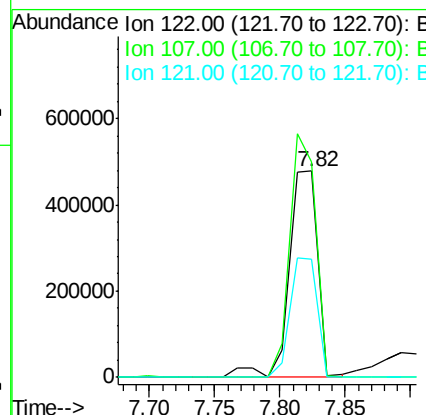
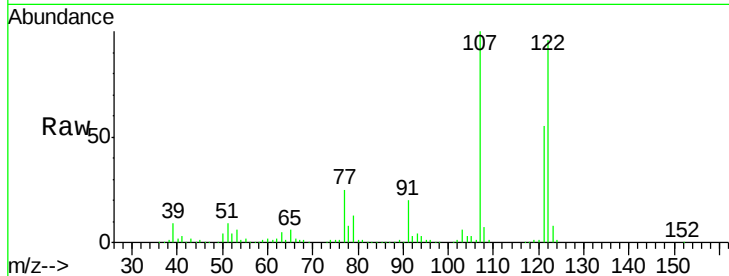
ClientSampleId :

TEP-MW-43MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.5	99.1	148.7
121	57.1	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 47.23 ng

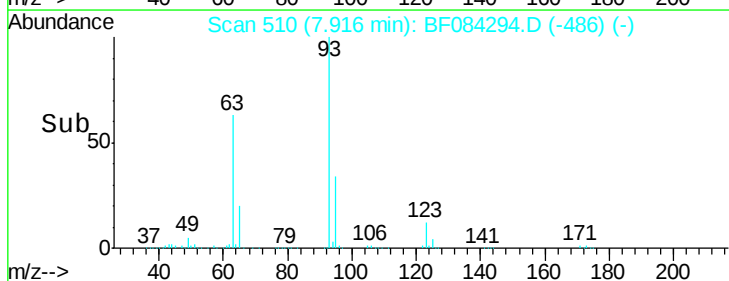
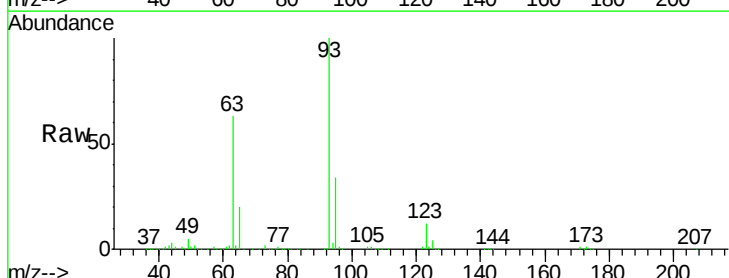
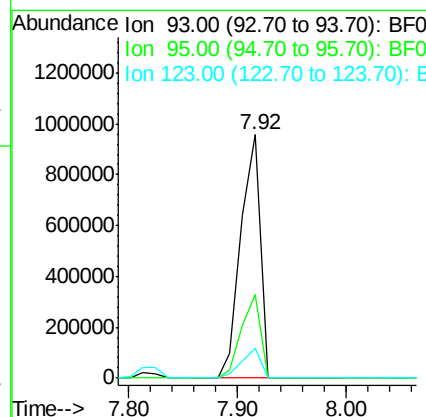
RT: 7.92 min Scan# 510

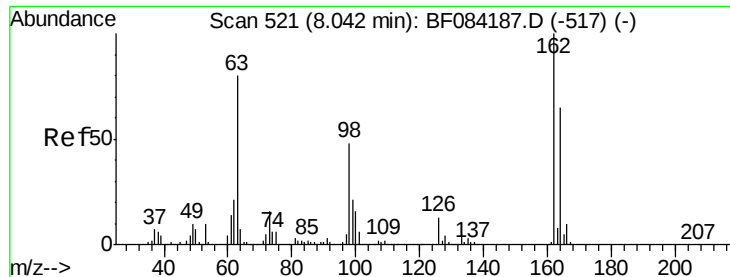
Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.8	38.6
123	12.1	8.6	12.8





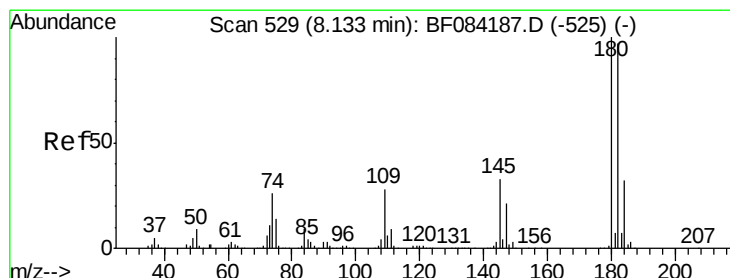
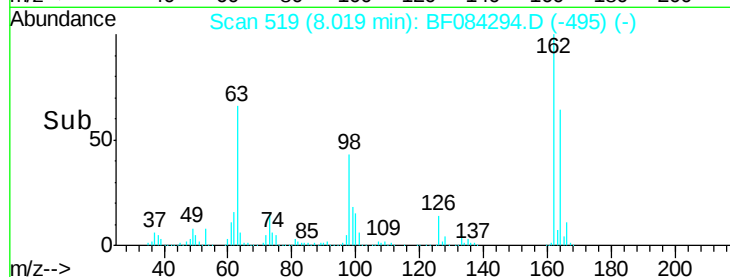
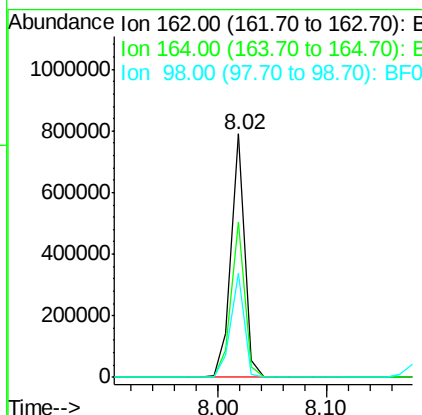
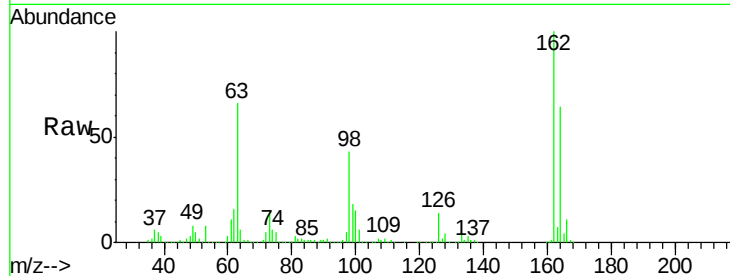
#29
2,4-Dichlorophenol
Concen: 41.67 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	684715		
164	63.9	44.1	84.1	
98	42.5	20.2	60.2	

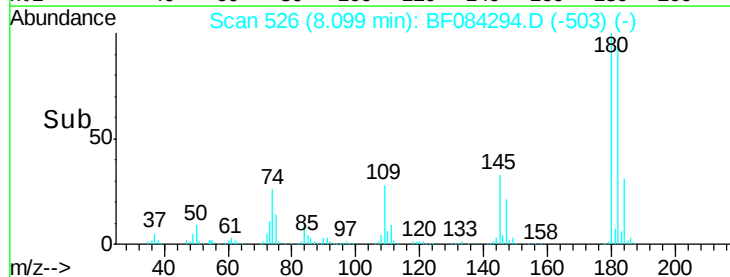
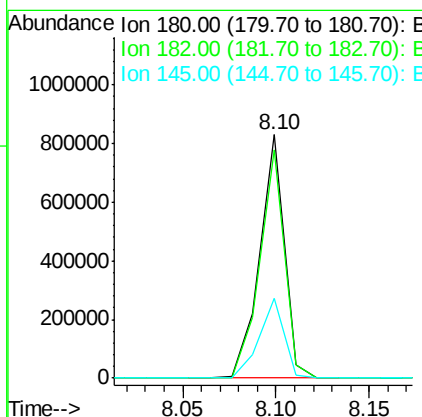
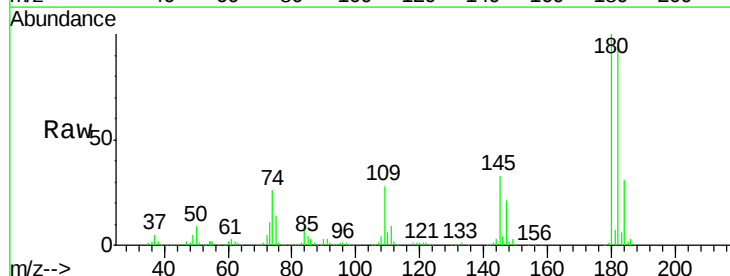
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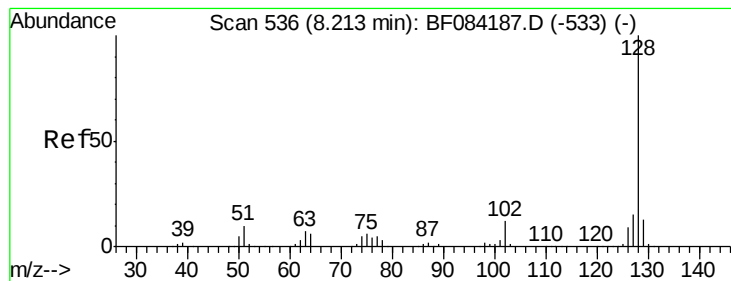
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#30
1,2,4-Trichlorobenzene
Concen: 44.49 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	754739		
182	93.8	76.4	114.6	
145	32.8	31.6	47.4	





#31

Naphthalene

Concen: 41.93 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:128 Resp: 2235086

Ion Ratio Lower Upper

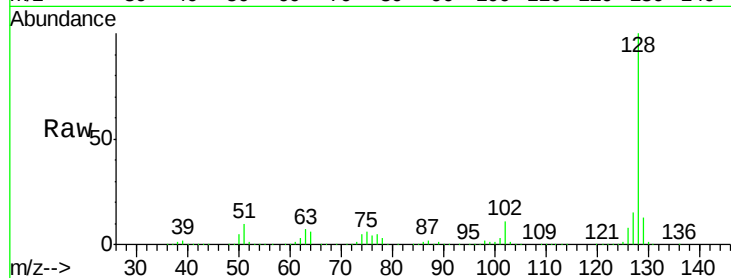
128 100

129 12.8 9.1 13.7

127 14.6 11.1 16.7

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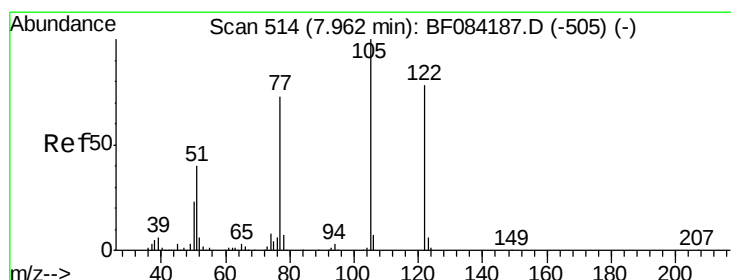
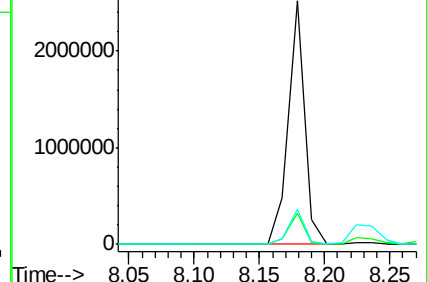
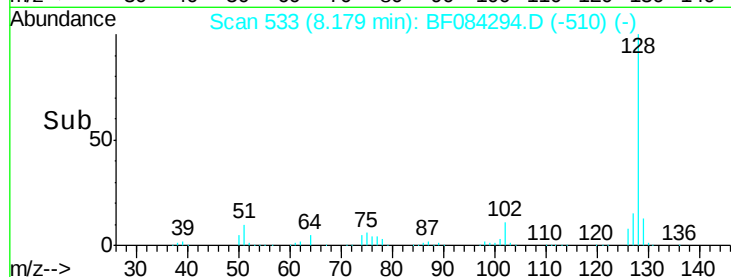
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.84 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.07 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

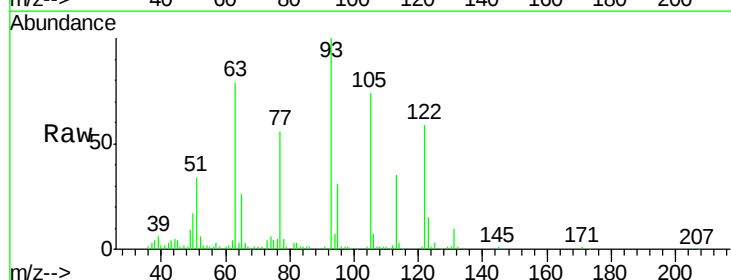
Tgt Ion:122 Resp: 139918

Ion Ratio Lower Upper

122 100

105 125.6 100.3 140.3

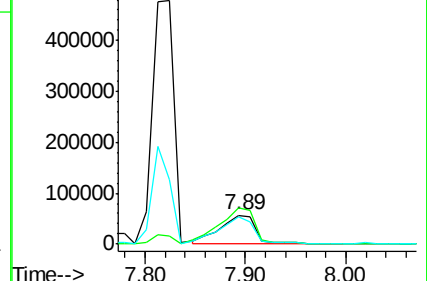
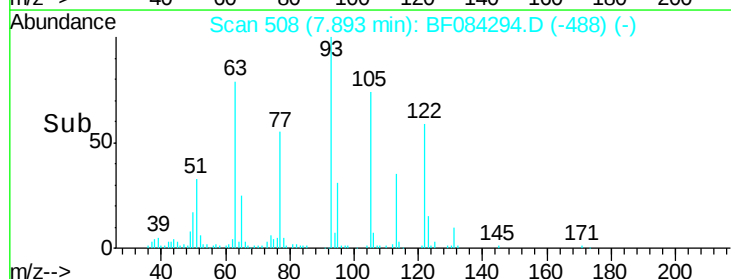
77 95.2 63.5 103.5

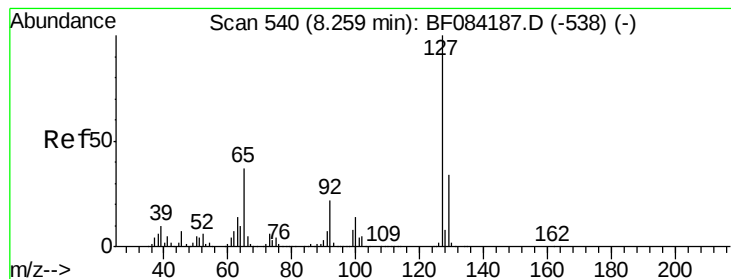


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 13.11 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

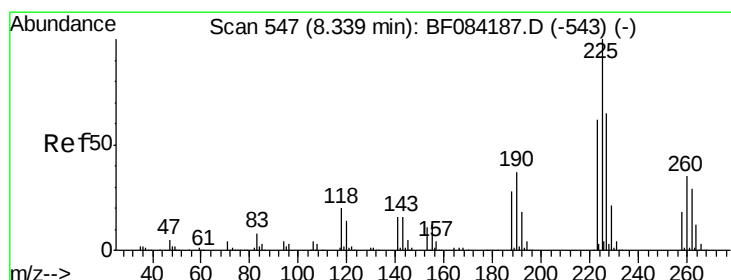
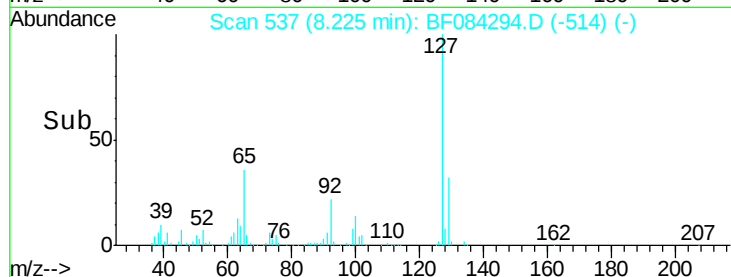
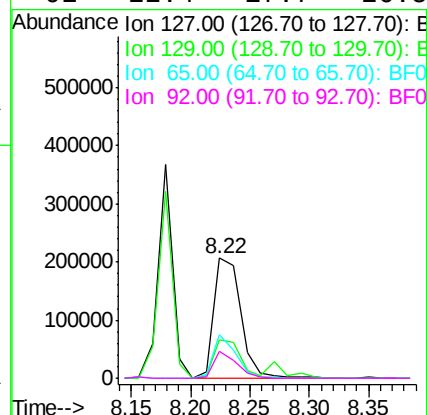
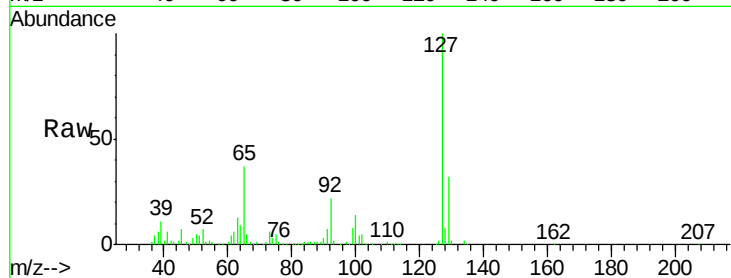
ClientSampleId :

TEP-MW-43MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
320391	127	100			
	129	31.9	26.5	39.7	
	65	36.6	27.2	40.8	
	92	22.4	17.7	26.5	

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#34

Hexachlorobutadiene

Concen: 40.63 ng

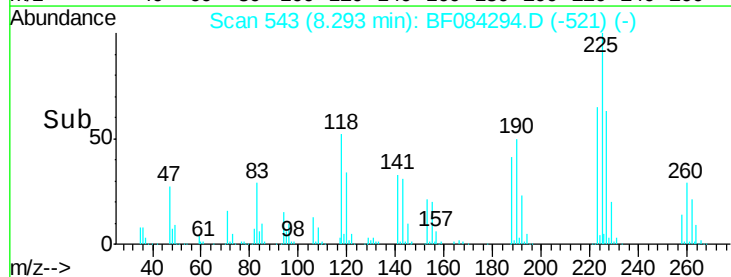
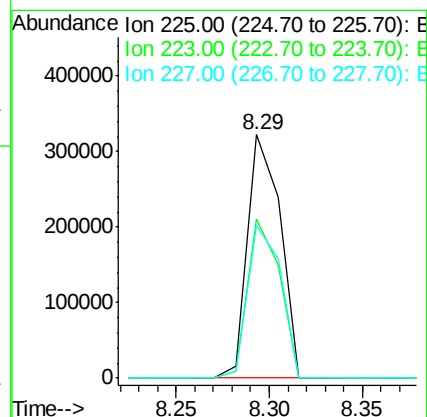
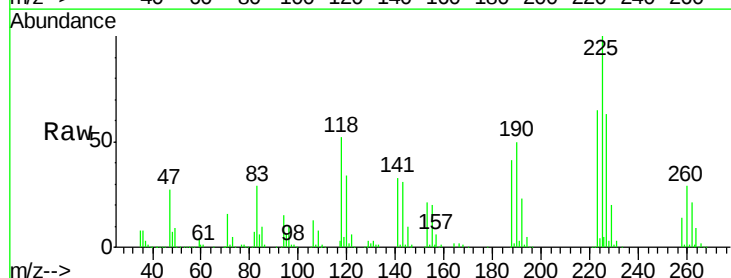
RT: 8.29 min Scan# 543

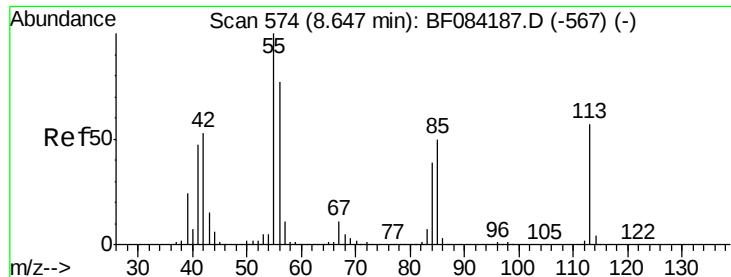
Delta R.T. -0.05 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
396171	225	100			
	223	65.4	49.4	74.0	
	227	63.0	50.8	76.2	





#35

Caprolactam

Concen: 6.06 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

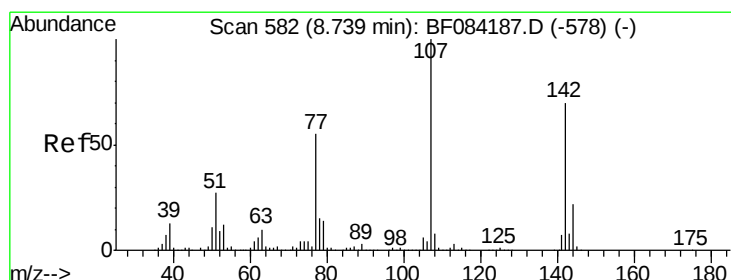
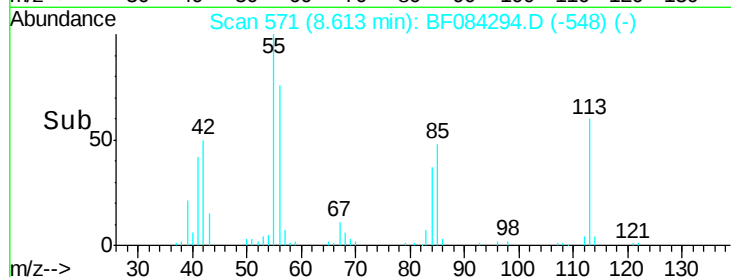
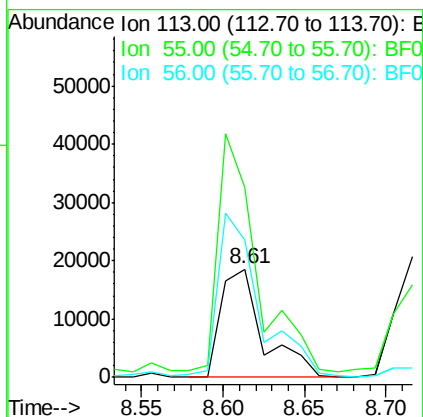
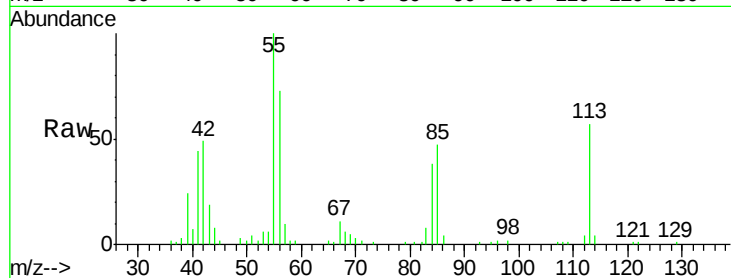
ClientSampled :

TEP-MW-43MS

Tot Ion:	113	Resp:	33561
Ion Ratio	Lower	Upper	
113	100		
55	175.6	116.9	156.9#
56	127.3	93.8	133.8

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#36

4-Chloro-3-methylphenol

Concen: 40.58 ng

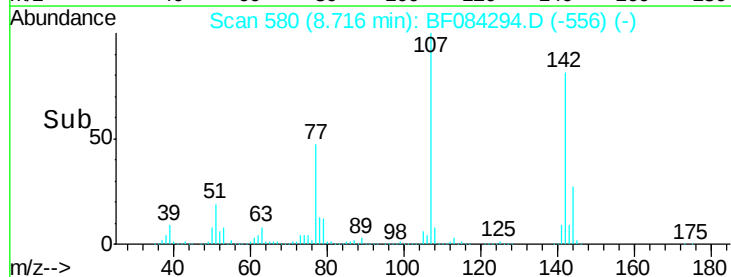
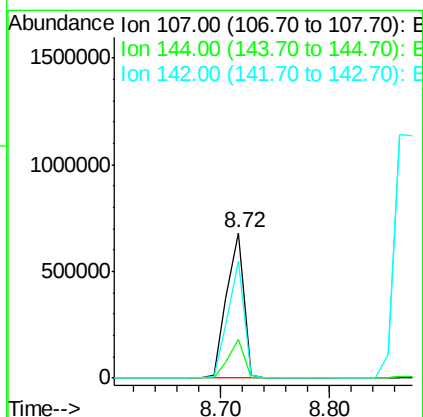
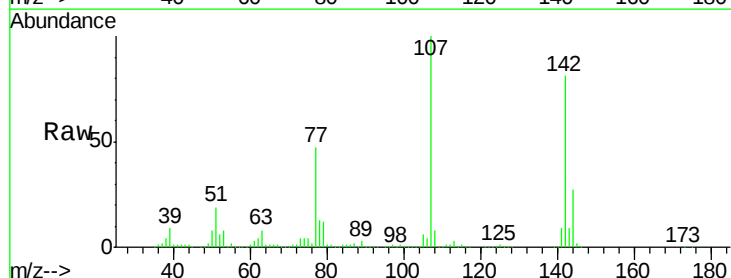
RT: 8.72 min Scan# 580

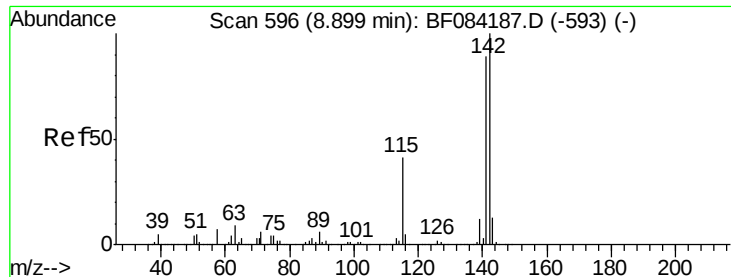
Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:	107	Resp:	746863
Ion Ratio	Lower	Upper	
107	100		
144	26.8	19.7	29.5
142	80.5	61.8	92.6





#37

2-Methylnaphthalene

Concen: 42.85 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:142 Resp: 1639991

Ion Ratio Lower Upper

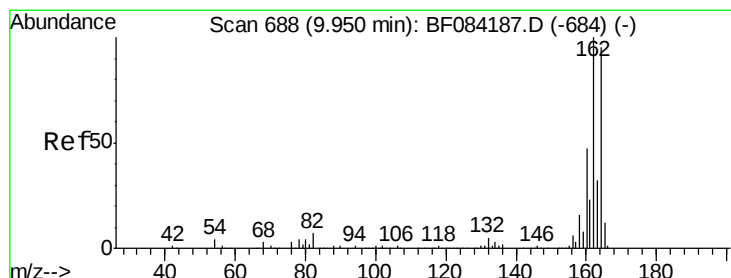
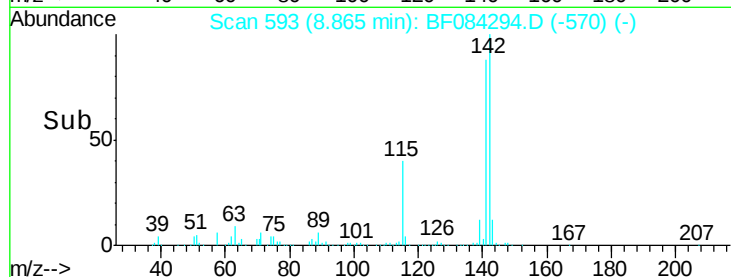
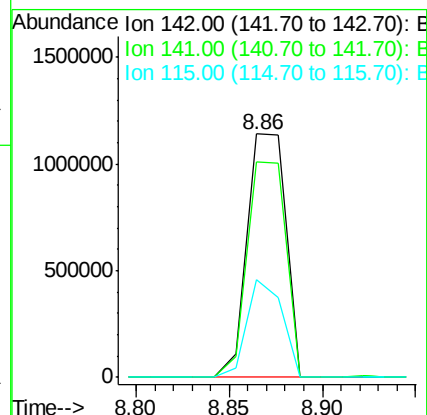
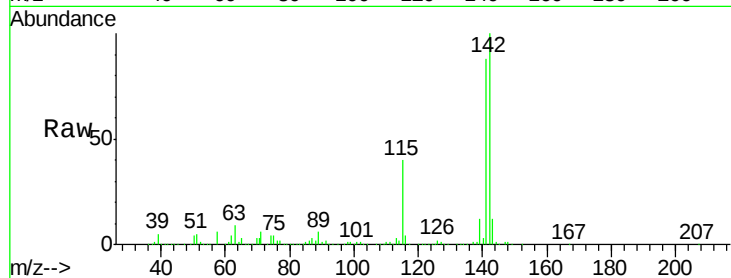
142 100

141 88.3 72.4 108.6

115 40.3 27.9 41.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

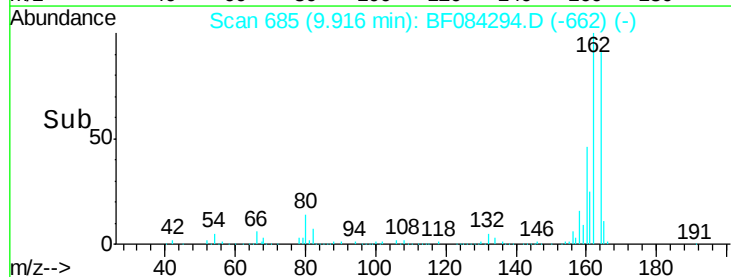
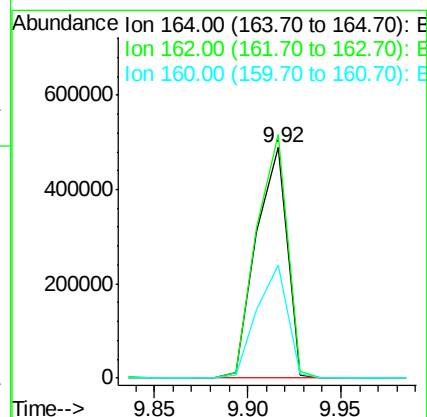
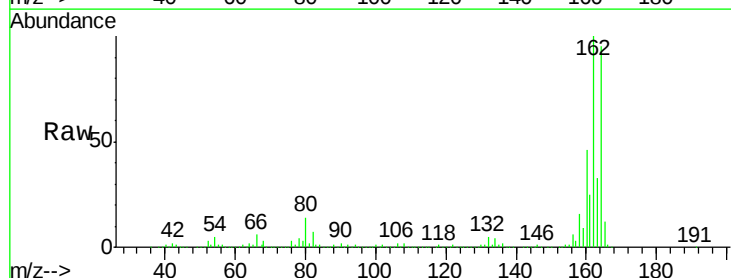
Tgt Ion:164 Resp: 560523

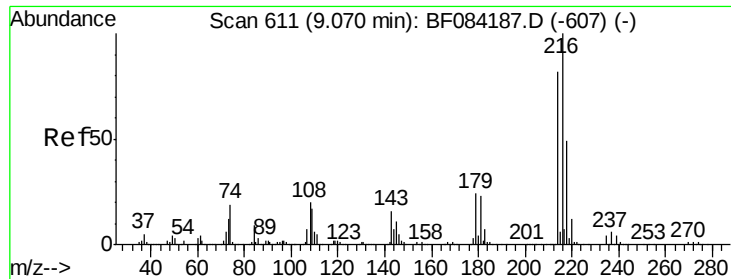
Ion Ratio Lower Upper

164 100

162 105.7 85.1 127.7

160 48.9 37.5 56.3





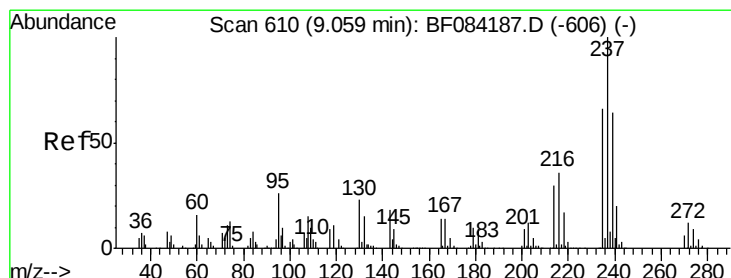
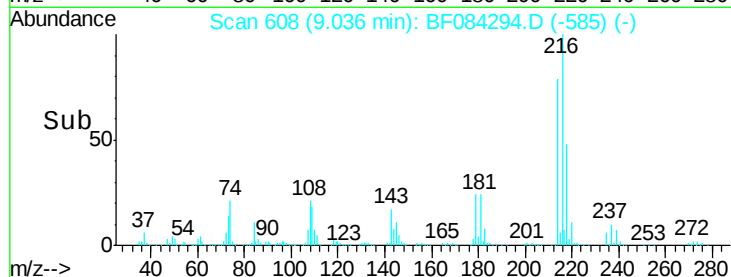
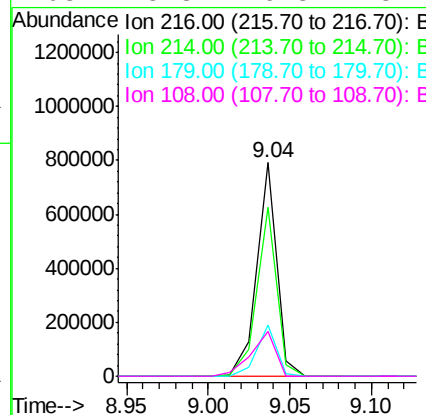
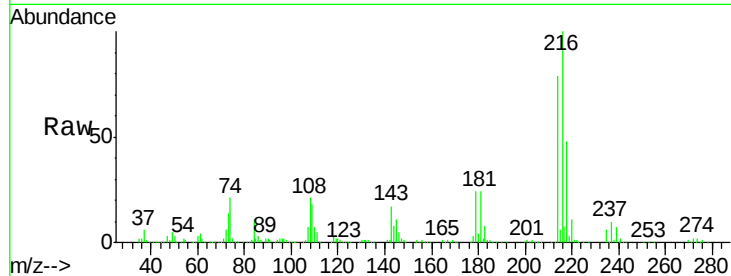
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.61 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		670443		
214	79.0	64.2	96.2		
179	24.1	18.7	28.1		
108	25.8	16.8	25.2#		

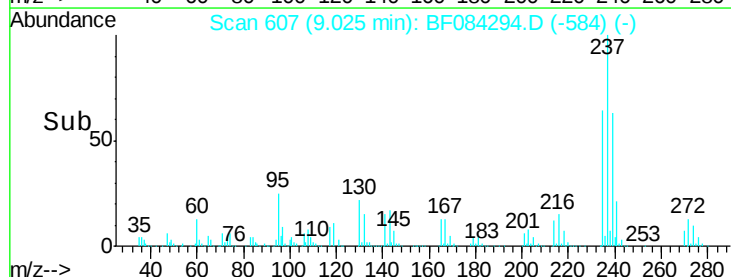
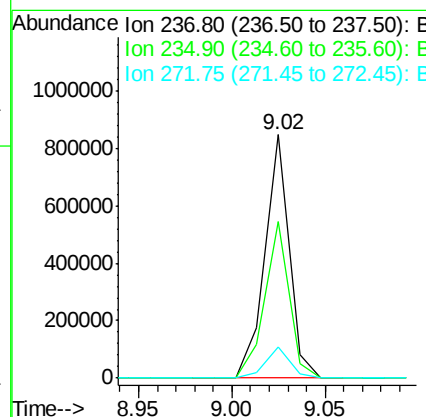
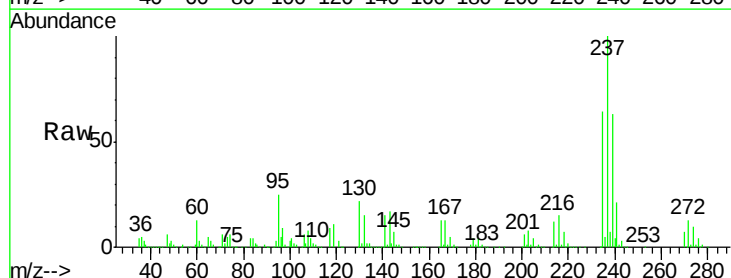
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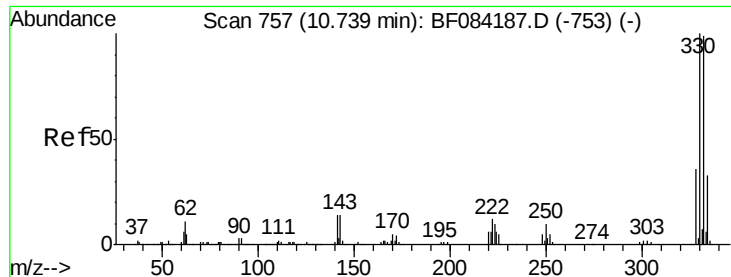
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#40
 Hexachlorocyclopentadiene
 Concen: 78.18 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		760522		
235	64.1	43.1	83.1		
272	12.7	0.0	35.1		





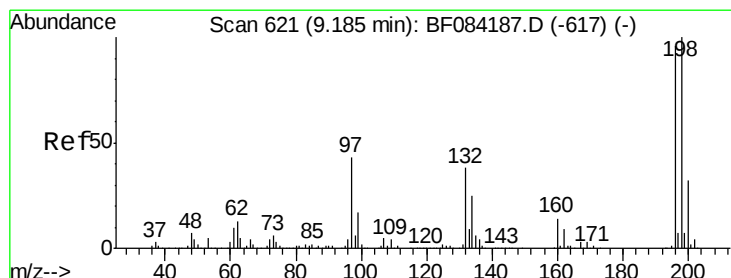
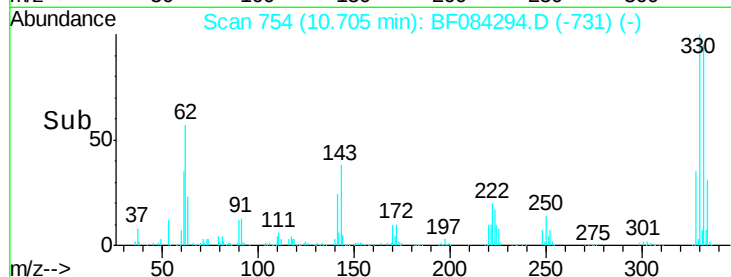
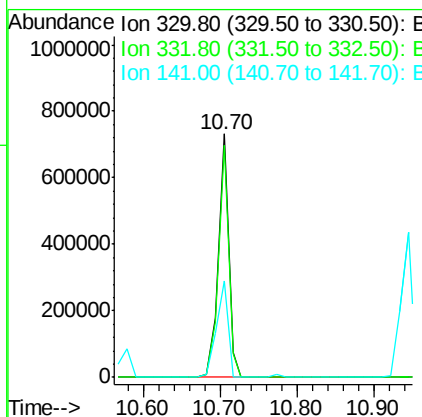
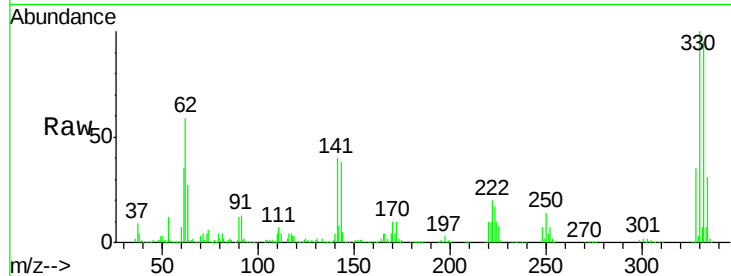
#41
 2,4,6-Tribromophenol
 Concen: 121.21 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	685908		
332	95.3	76.6	114.8	
141	43.5	27.8	41.6#	

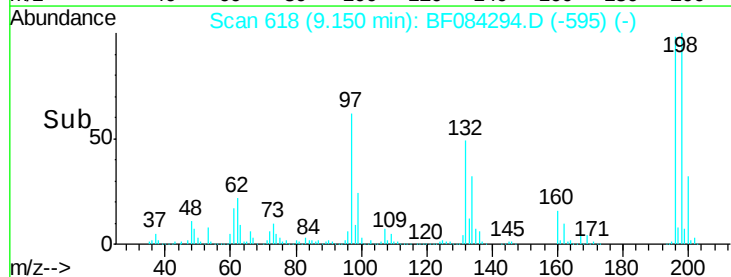
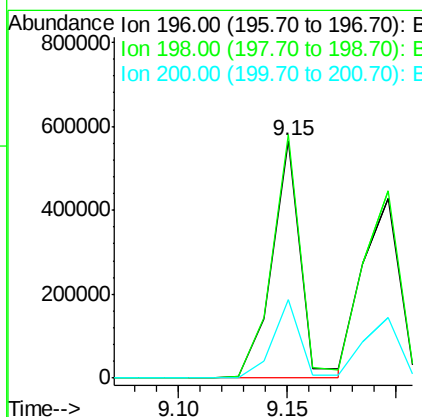
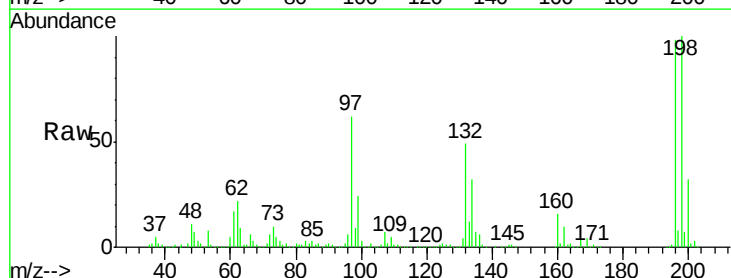
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#42
 2,4,6-Trichlorophenol
 Concen: 43.08 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	519377		
198	102.5	77.7	116.5	
200	33.1	24.6	37.0	





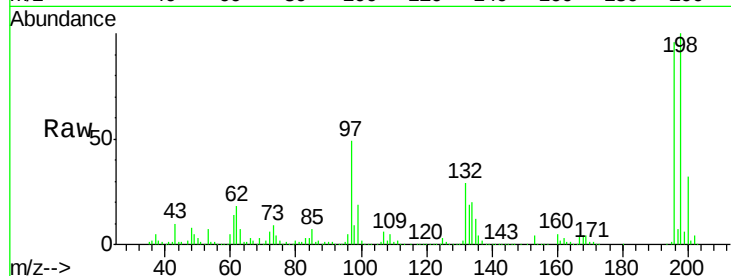
#43
 2,4,5-Trichlorophenol
 Concen: 43.61 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	504046		
198	104.1	79.0	118.6	
97	51.4	33.0	49.6	
132	30.0	21.1	31.7	

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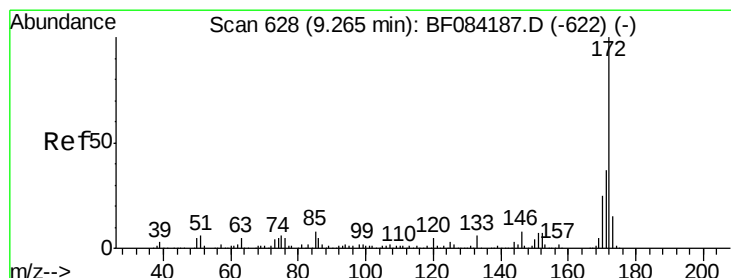
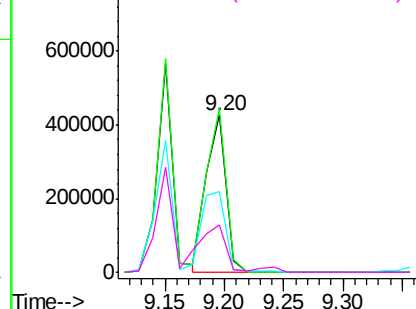
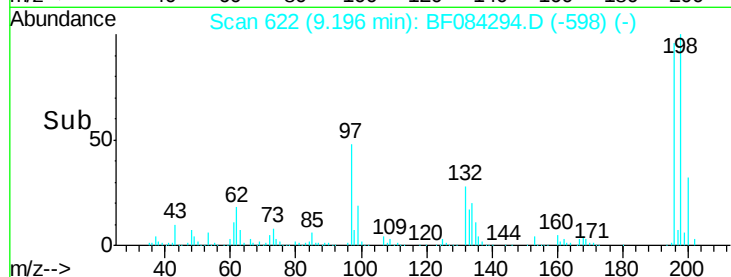
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

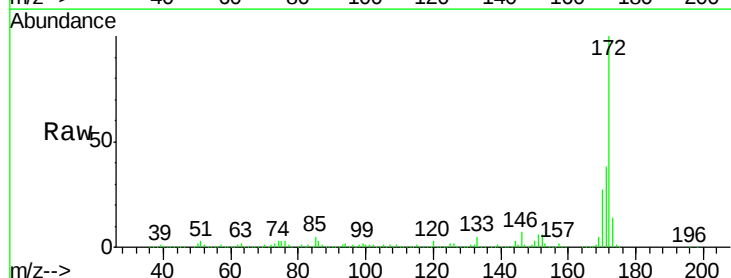
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.36 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3279412		
171	38.2	28.9	43.3	
170	26.6	18.6	27.8	

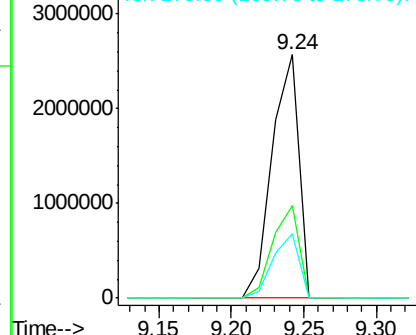
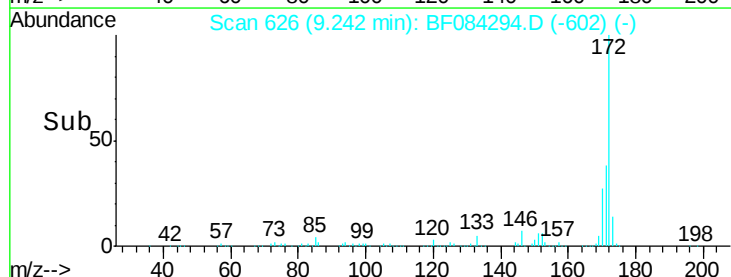


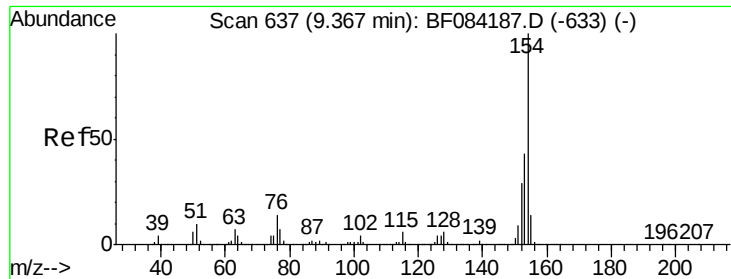
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.38 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:154 Resp: 1754475

Ion Ratio Lower Upper

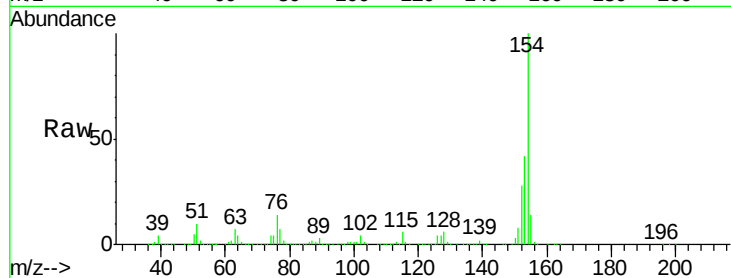
154 100

153 42.0 21.6 61.6

76 14.2 0.0 32.7

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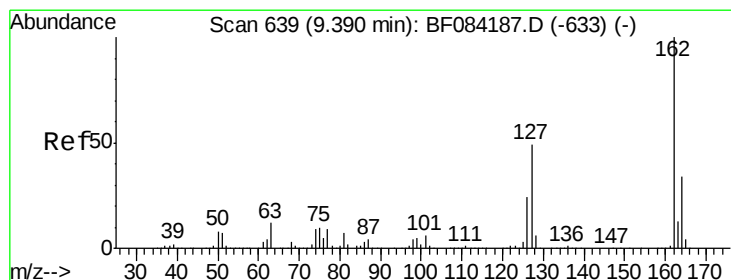
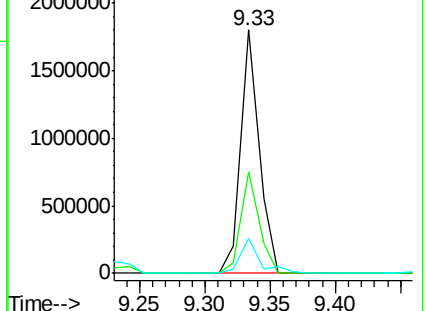
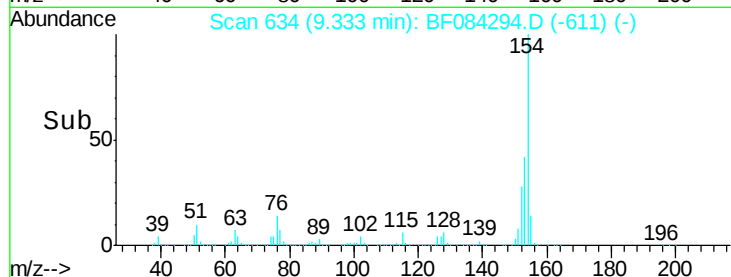
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.78 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

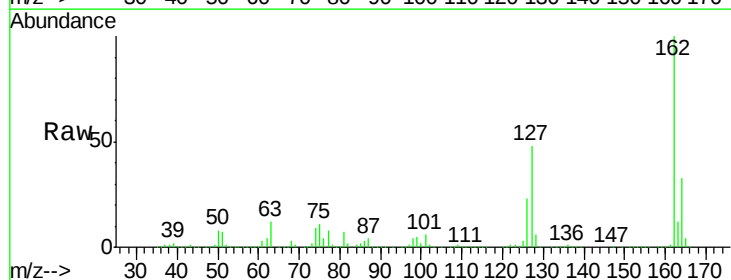
Tgt Ion:162 Resp: 1427094

Ion Ratio Lower Upper

162 100

127 47.8 40.2 60.4

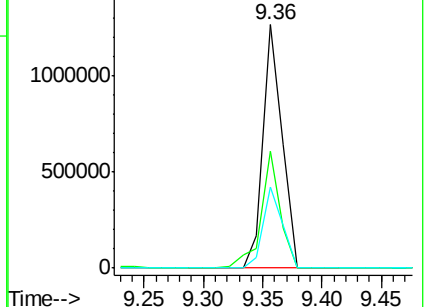
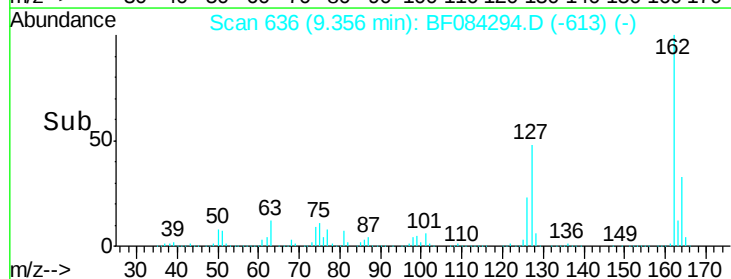
164 33.5 25.7 38.5

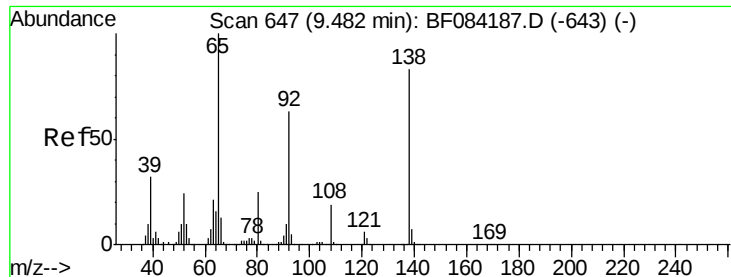


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.73 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

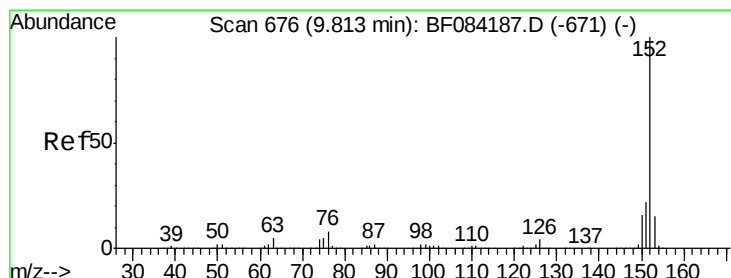
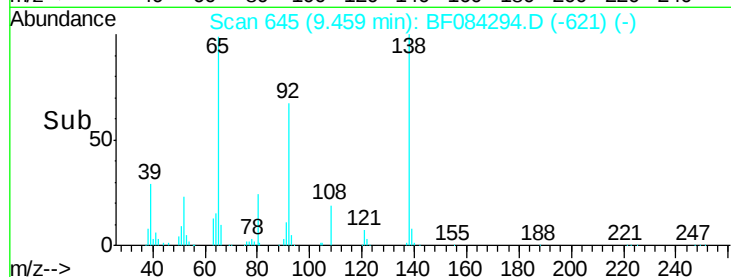
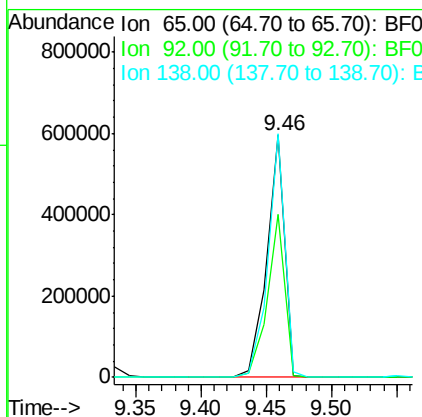
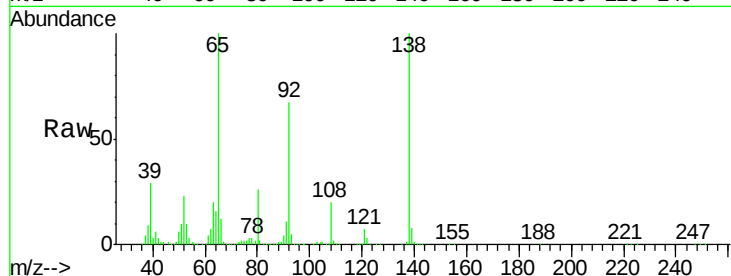
ClientSampleId :

TEP-MW-43MS

Tot Ion:	65	Resp:	574335
Ion Ratio	Lower	Upper	
65	100		
92	67.1	53.4	80.2
138	100.5	71.1	106.7

Manual Integrations
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#48

Acenaphthylene

Concen: 46.39 ng

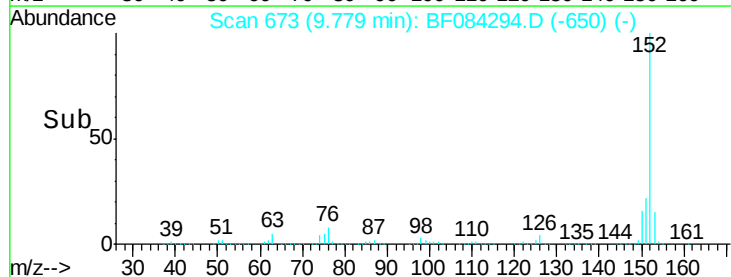
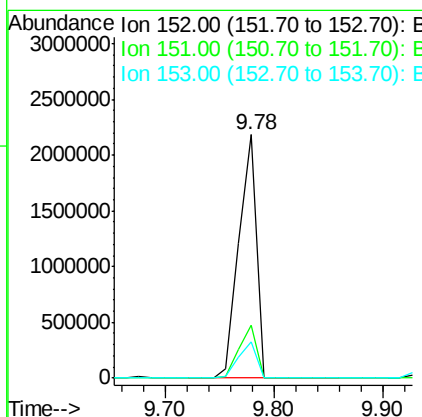
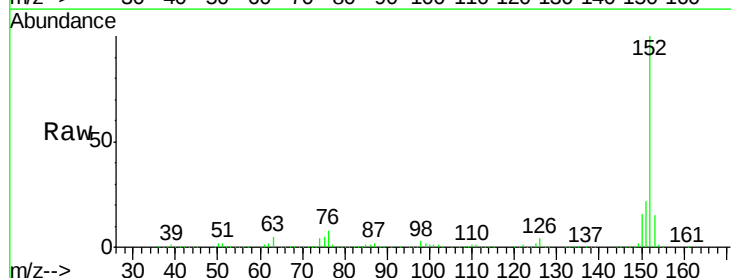
RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:	152	Resp:	2398343
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.3	24.5
153	14.8	10.4	15.6





#49

Dimethylphthalate

Concen: 41.16 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

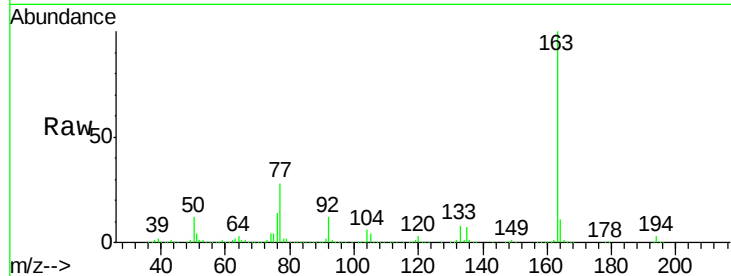
TEP-MW-43MS

Tot Ion:163 Resp: 1649192

Ion	Ratio	Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	11.3	8.0	12.0

Manual Integrations
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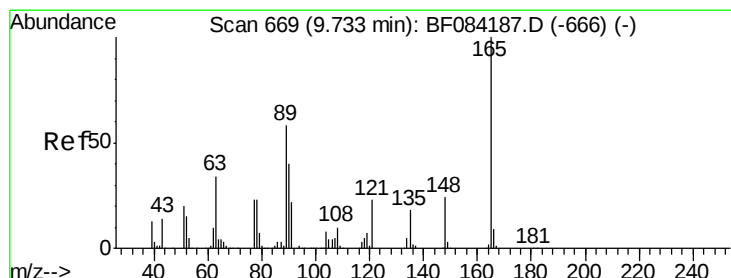
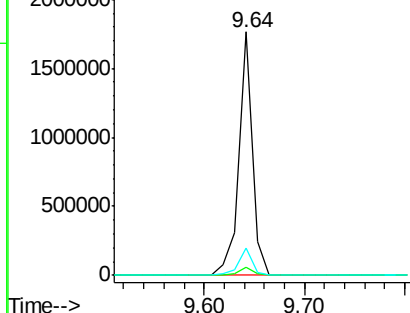
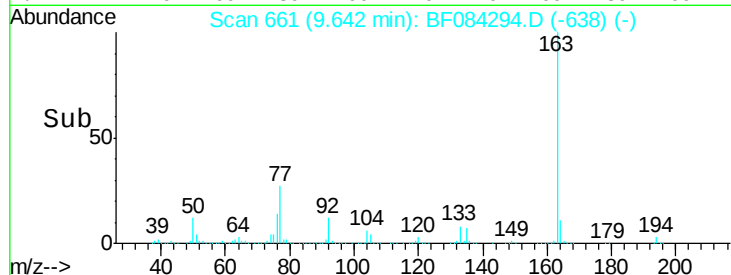
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.26 ng

RT: 9.70 min Scan# 666

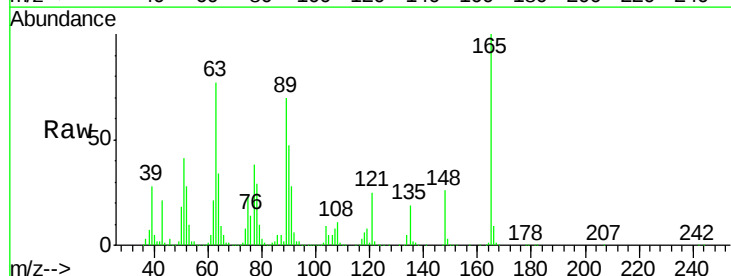
Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:165 Resp: 362669

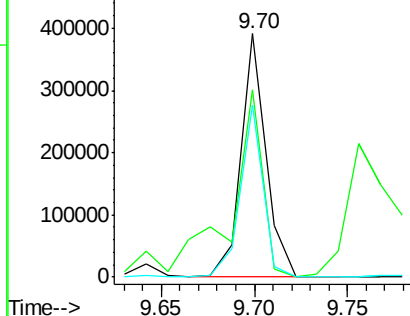
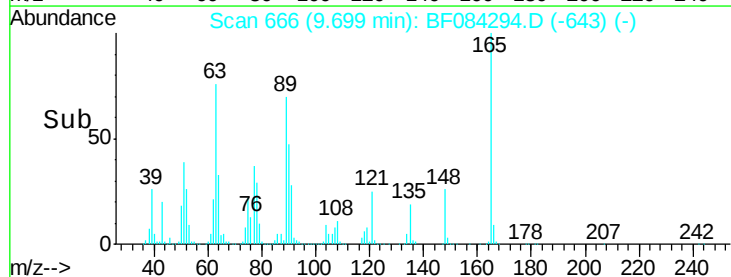
Ion	Ratio	Lower	Upper
165	100		
63	76.8	28.8	43.2#
89	70.4	35.1	52.7#

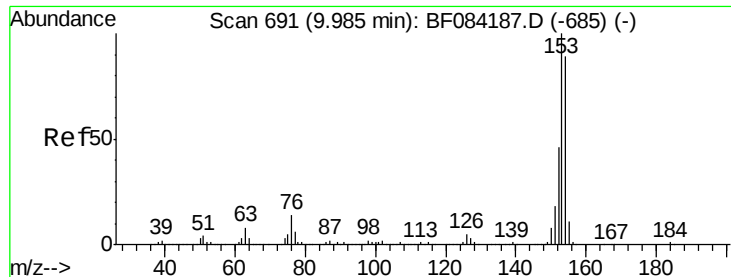


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 51.89 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:154 Resp: 1799430

Ion Ratio Lower Upper

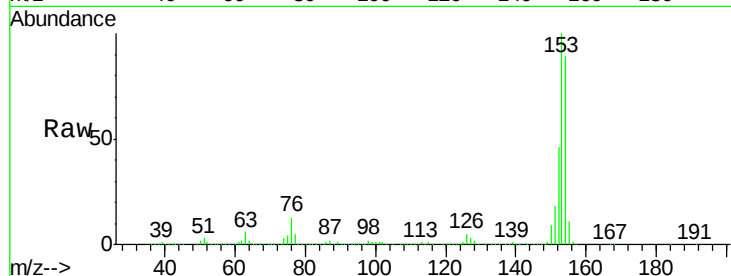
154 100

153 111.8 91.5 137.3

152 51.5 43.0 64.6

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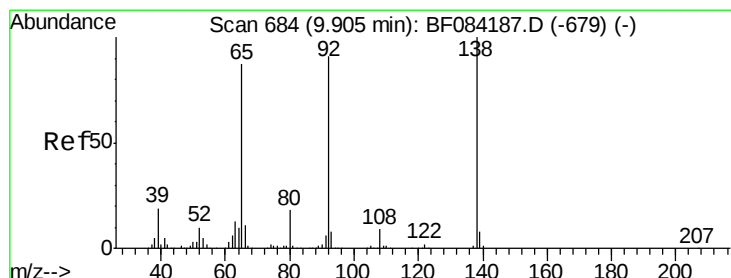
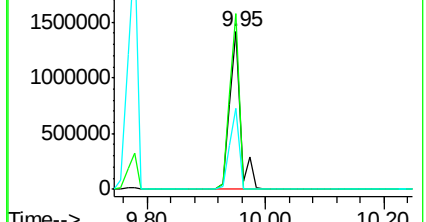
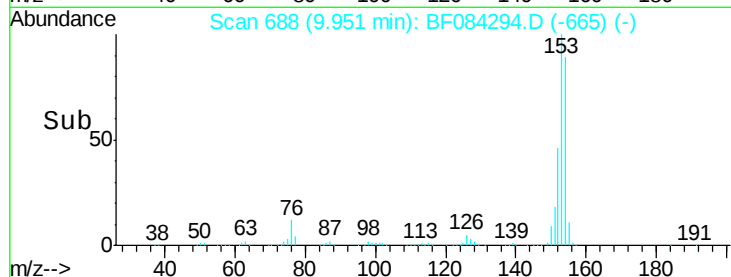
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.15 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

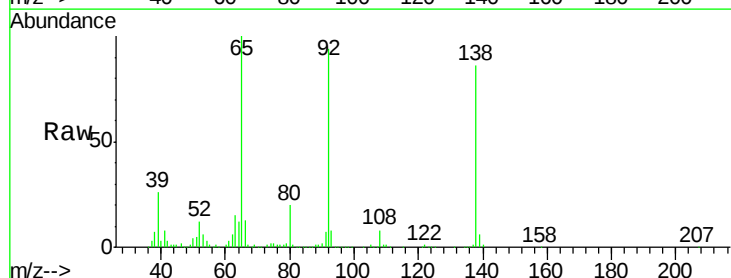
Tgt Ion:138 Resp: 241202

Ion Ratio Lower Upper

138 100

108 9.3 10.5 15.7#

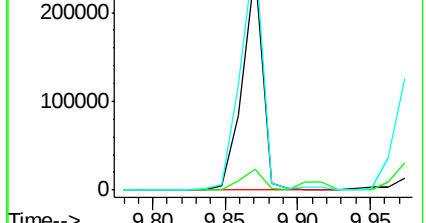
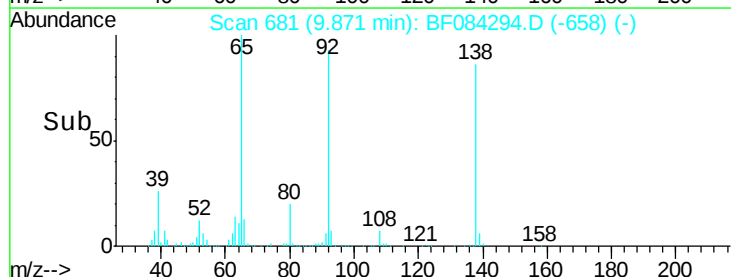
92 109.7 103.9 155.9

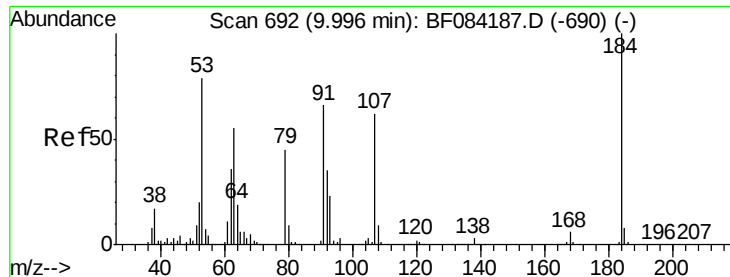


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





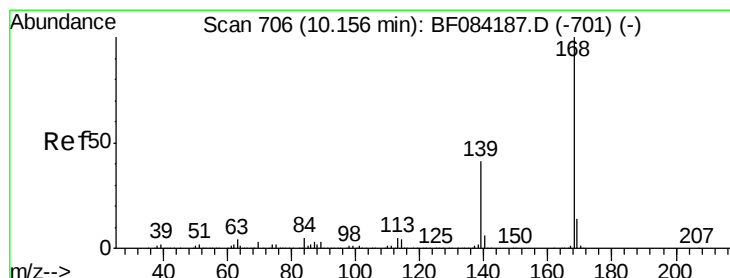
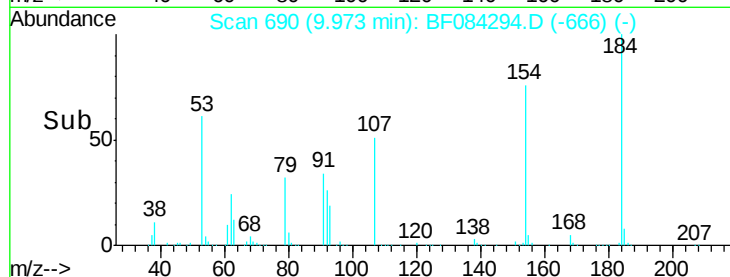
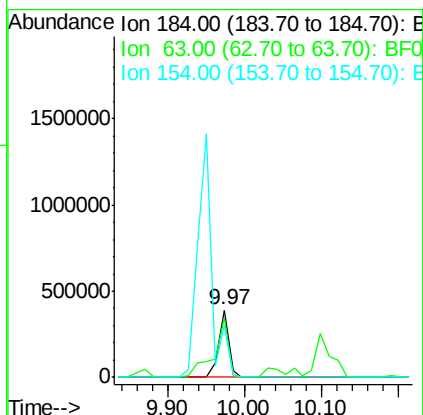
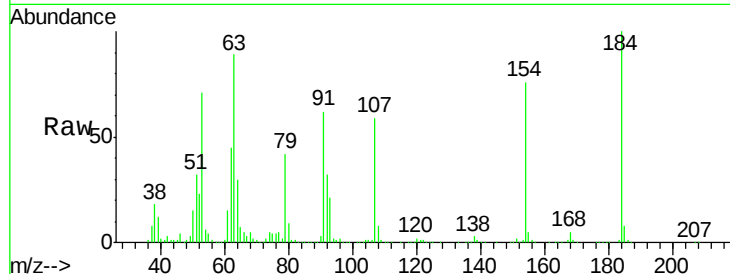
#53
2,4-Dinitrophenol
Concen: 97.65 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	368664		
63	88.9	43.1	64.7#	
154	75.7	60.5	90.7	

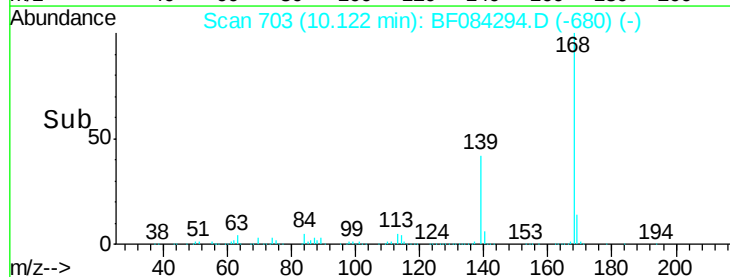
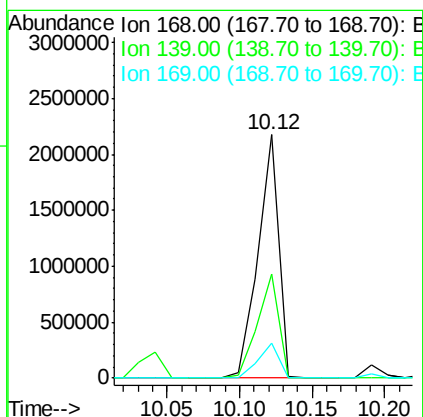
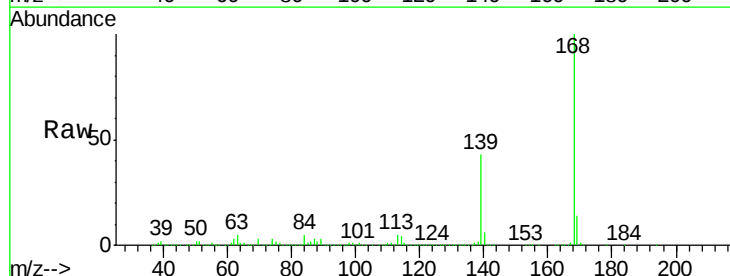
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#54
Dibenzofuran
Concen: 47.89 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2142134		
139	42.6	30.5	45.7	
169	14.5	10.4	15.6	





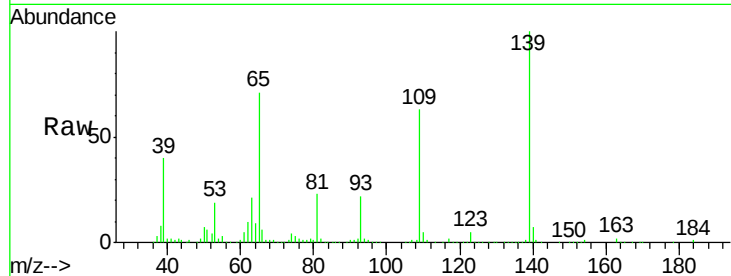
#55
4-Nitrophenol
Concen: 33.56 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	265273		
109	63.1	58.5	98.5	
65	70.5	57.6	97.6	

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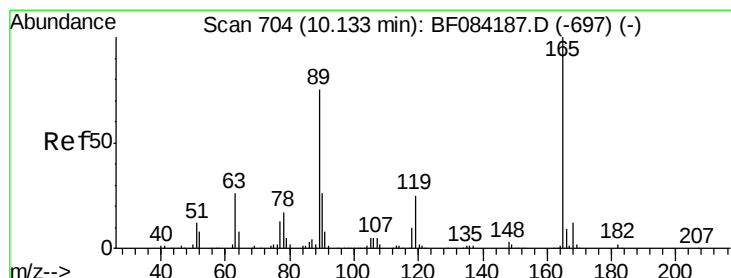
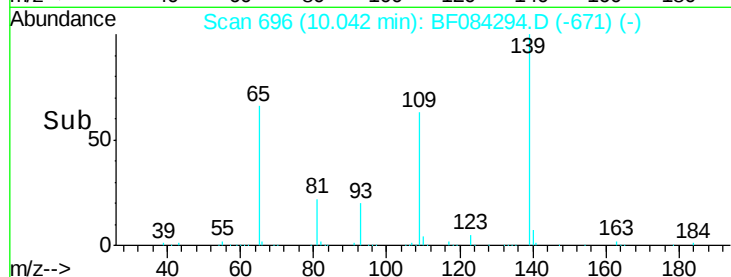
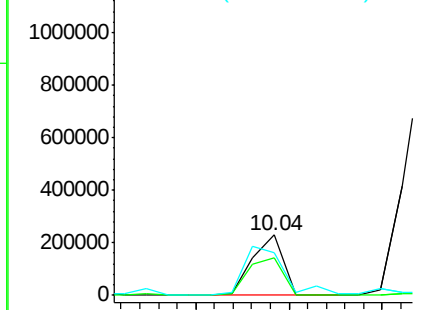


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 46.35 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	515548		
63	62.7	36.7	55.1#	
89	91.5	61.9	92.9	
182	2.2	2.0	3.0	

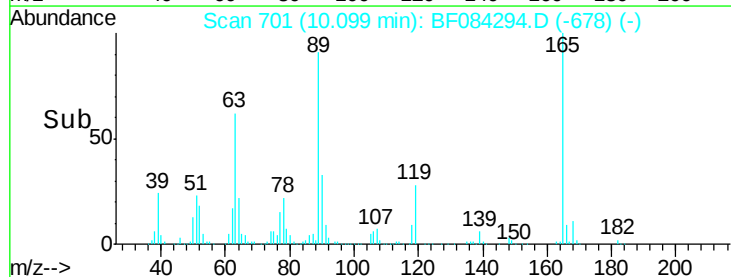
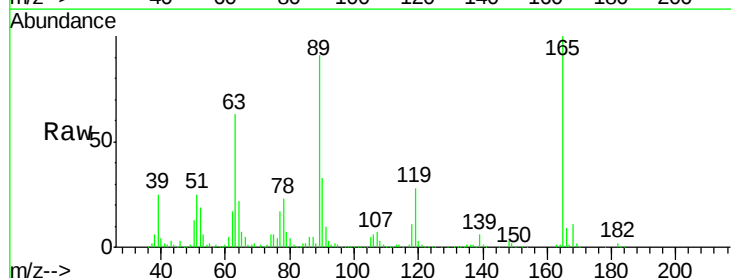
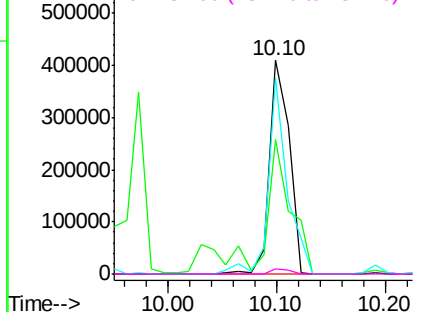
Abundance

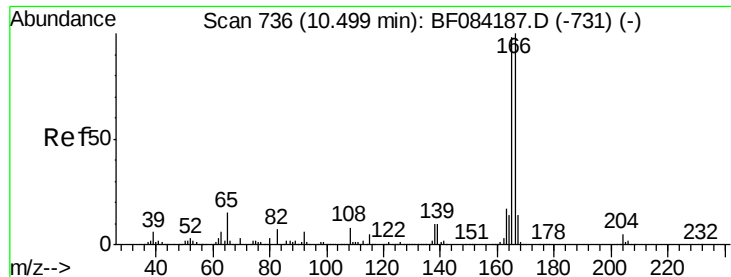
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.80 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:166 Resp: 1654951

Ion Ratio Lower Upper

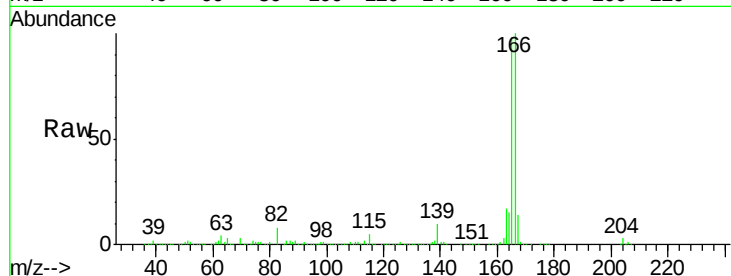
166 100

165 97.9 79.1 118.7

167 13.6 10.4 15.6

Manual Integrations
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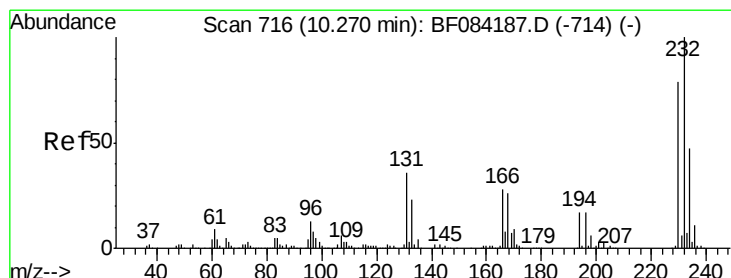
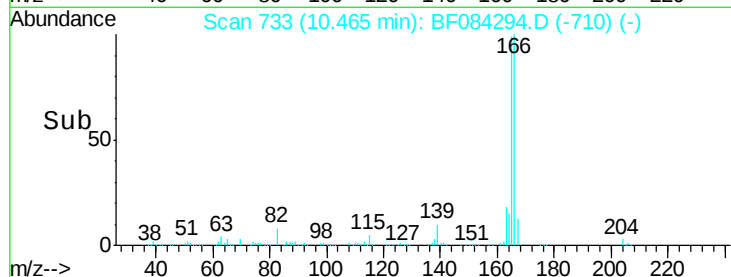
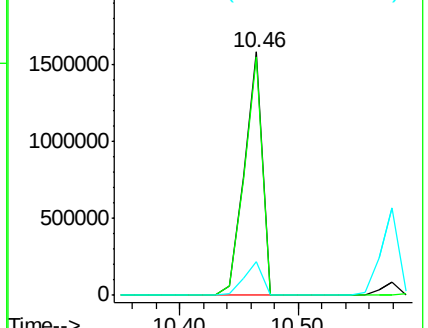
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 41.99 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:232 Resp: 414334

Ion Ratio Lower Upper

232 100

131 55.1 47.0 70.6

130 2.8 2.0 3.0

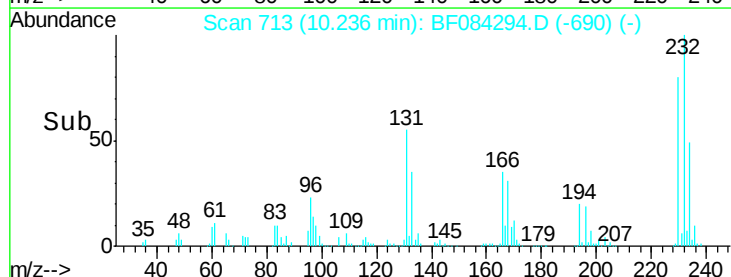
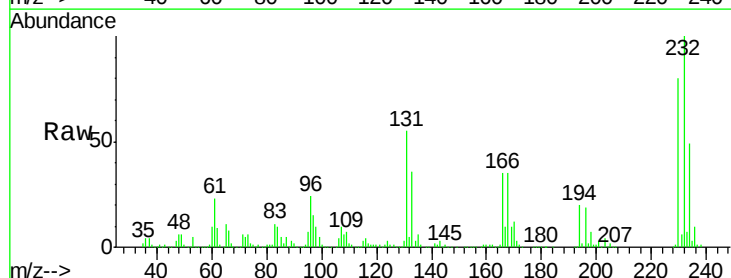
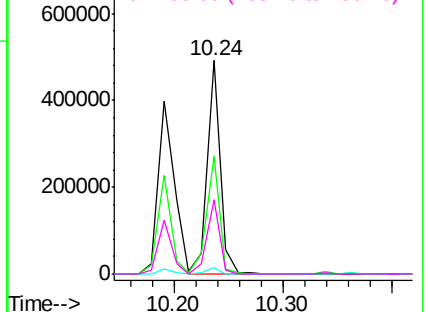
166 34.0 30.5 45.7

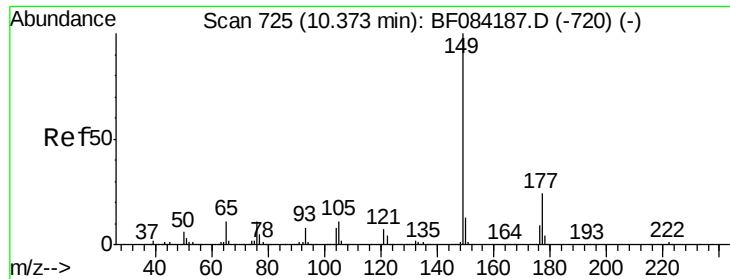
Abundance Ion 232.00 (231.70 to 232.70): E

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





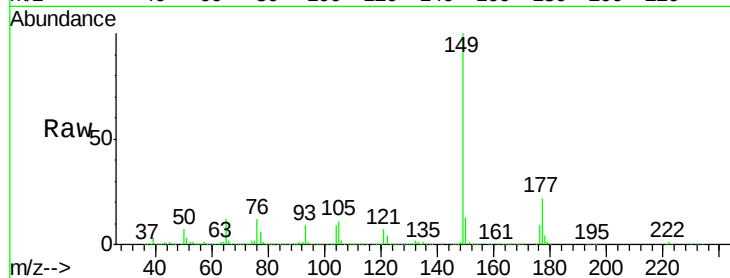
#59
Diethylphthalate
Concen: 42.74 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

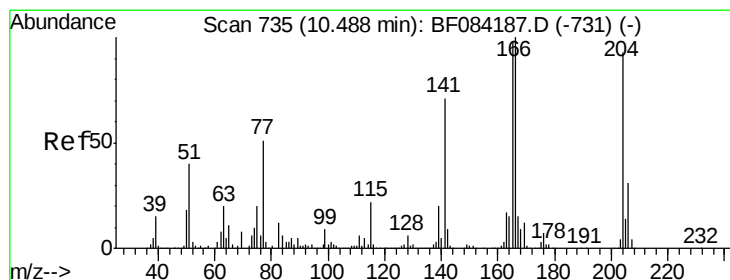
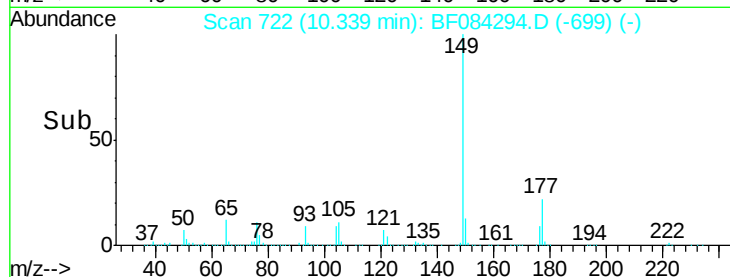
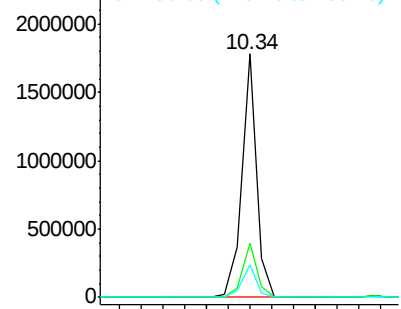
Tot Ion:149 Resp: 1688694
Ion Ratio Lower Upper
149 100
177 22.5 17.3 25.9
150 13.2 9.8 14.8

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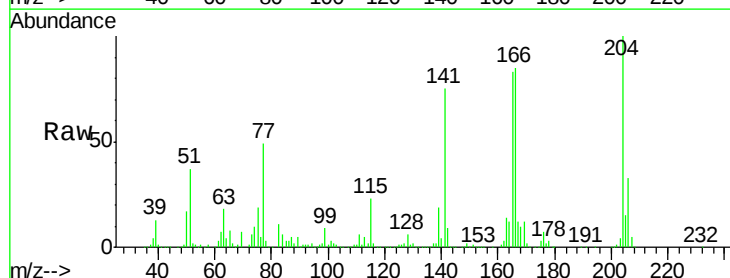


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

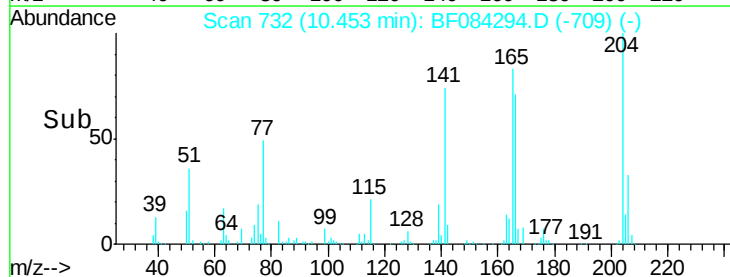
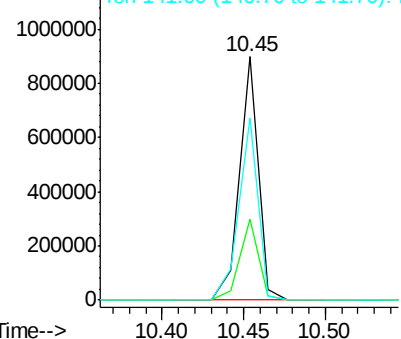


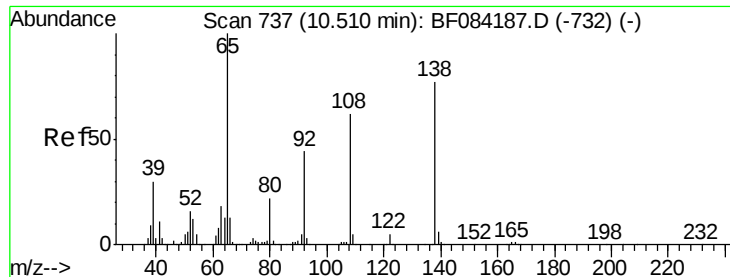
#60
4-Chlorophenyl-phenylether
Concen: 50.12 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion:204 Resp: 721283
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 74.6 55.1 82.7



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





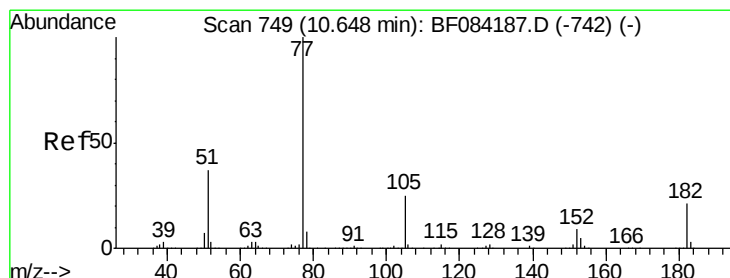
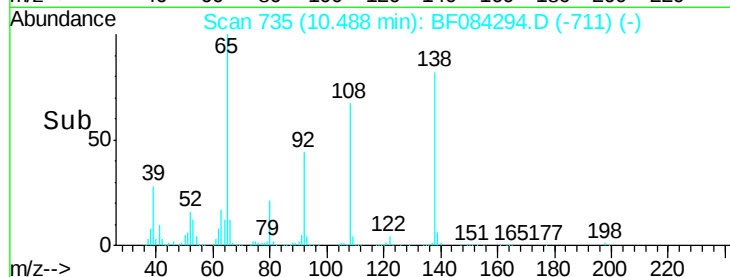
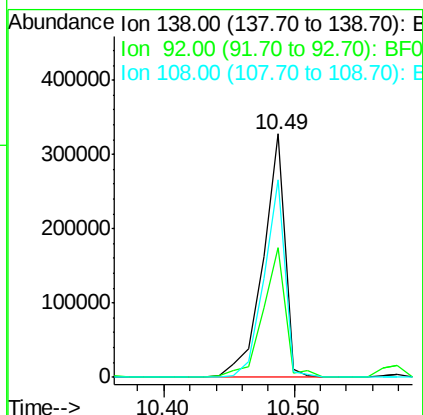
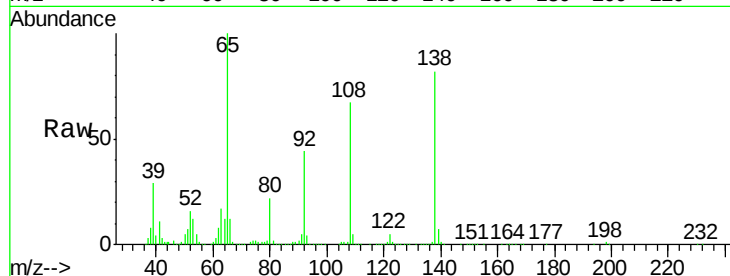
#61
4-Nitroaniline
Concen: 39.78 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.4	32.6	72.6
108	81.2	68.6	108.6

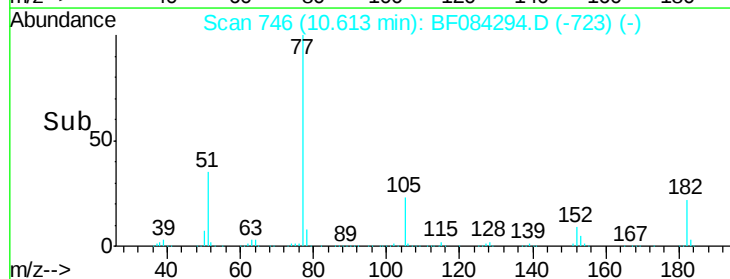
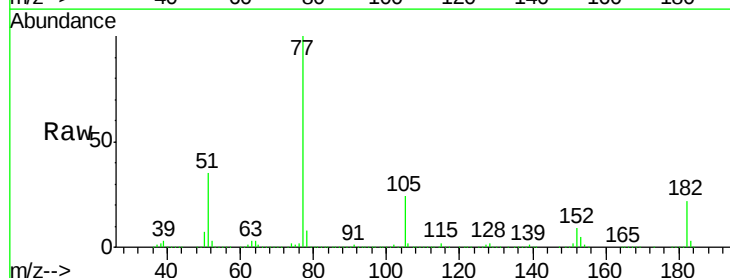
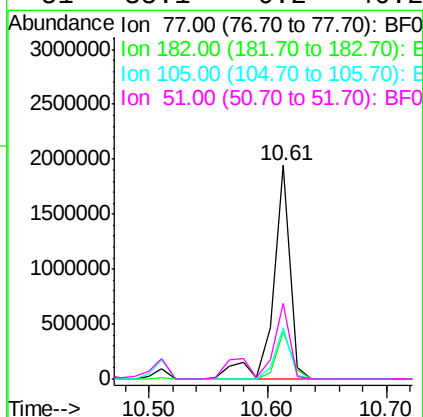
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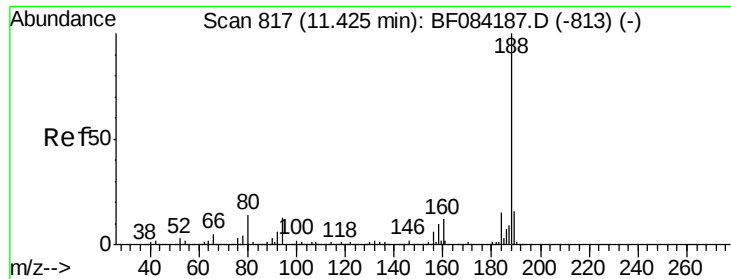
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#62
Azobenzene
Concen: 44.26 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.2	8.3	48.3
105	24.0	4.6	44.6
51	35.1	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

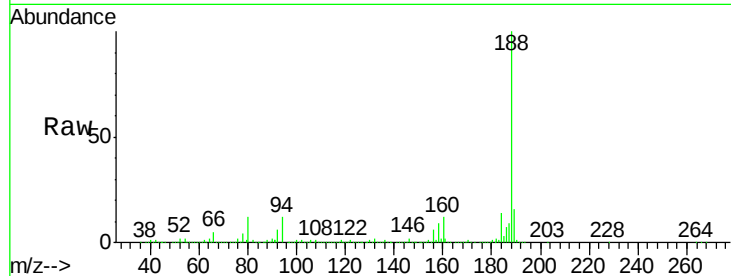
ClientSampleId :

TEP-MW-43MS

Tot Ion:	188	Resp:	985834
Ion Ratio	Lower	Upper	
188	100		
94	11.5	9.0	13.4
80	12.4	9.6	14.4

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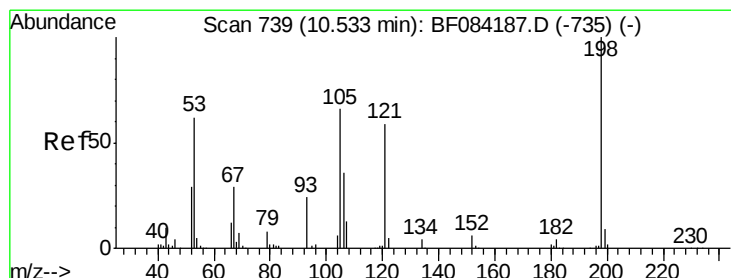
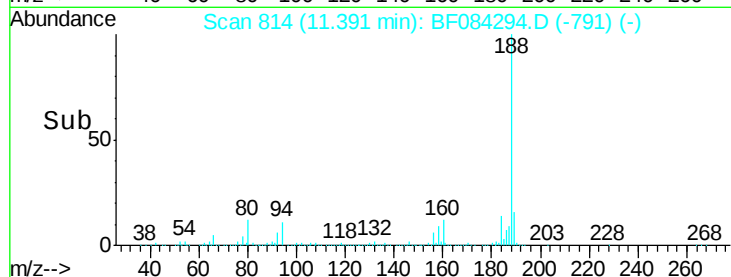
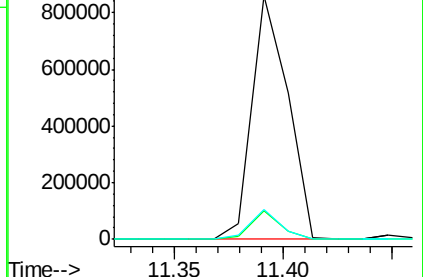
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.46 ng

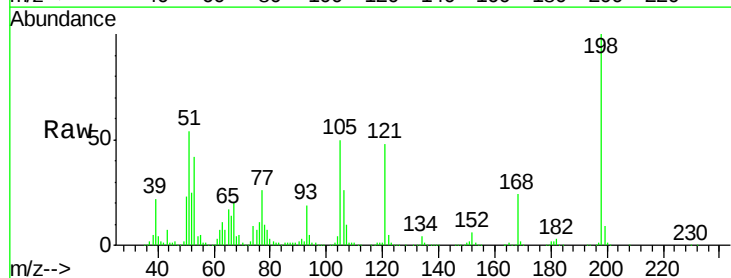
RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

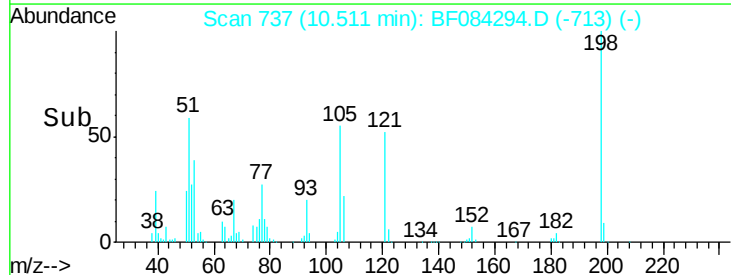
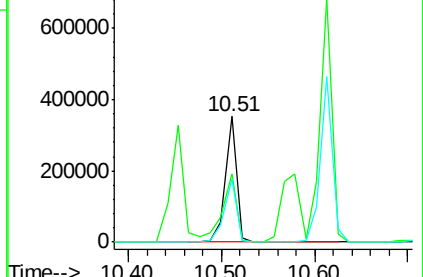
Tgt Ion:	198	Resp:	294472
Ion Ratio	Lower	Upper	
198	100		
51	53.9	18.9	58.9
105	50.4	26.4	66.4

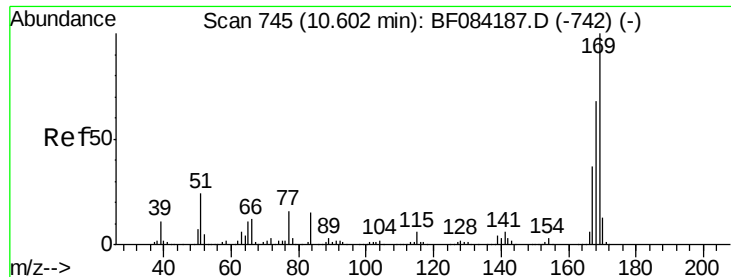


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.07 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:169 Resp: 1515268

Ion Ratio Lower Upper

169 100

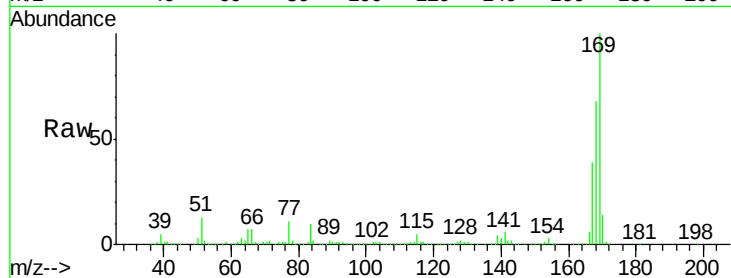
168 68.3 55.1 82.7

167 38.7 30.0 45.0

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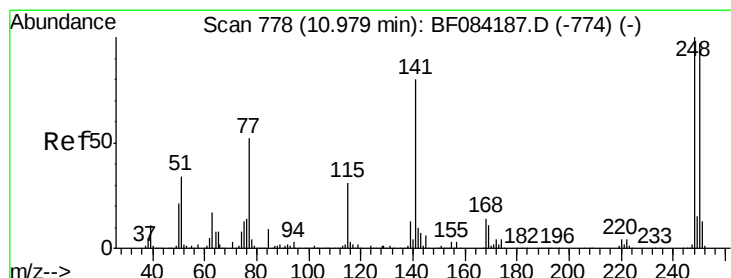
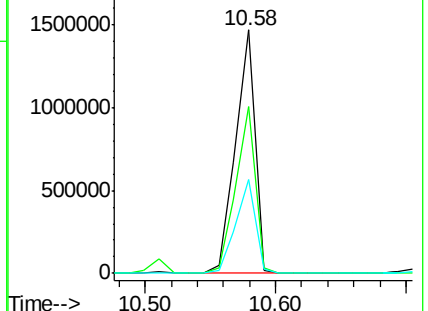
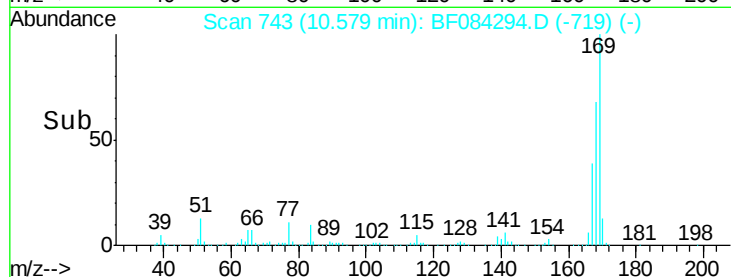
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.79 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

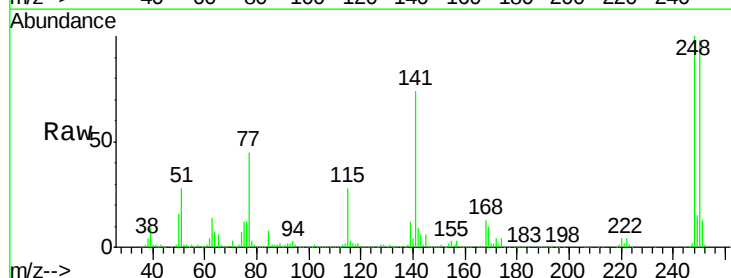
Tgt Ion:248 Resp: 507108

Ion Ratio Lower Upper

248 100

250 97.6 78.4 117.6

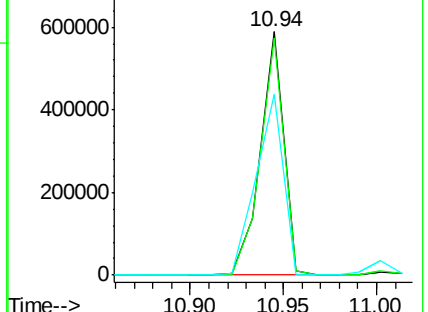
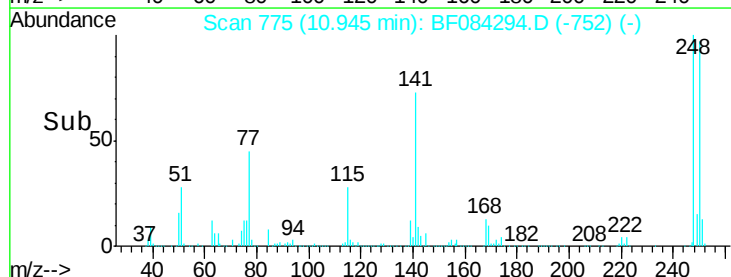
141 74.4 44.0 66.0#

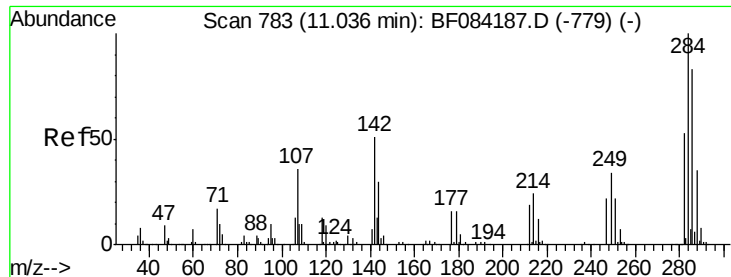


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.91 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

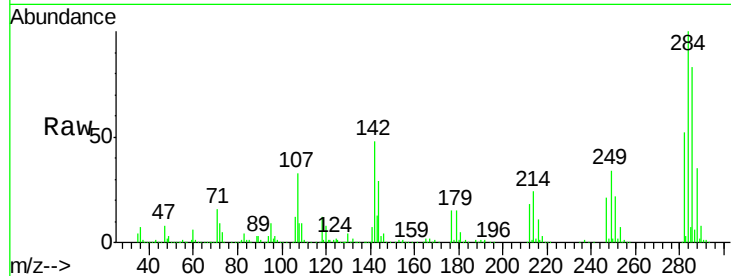
ClientSampleId :

TEP-MW-43MS

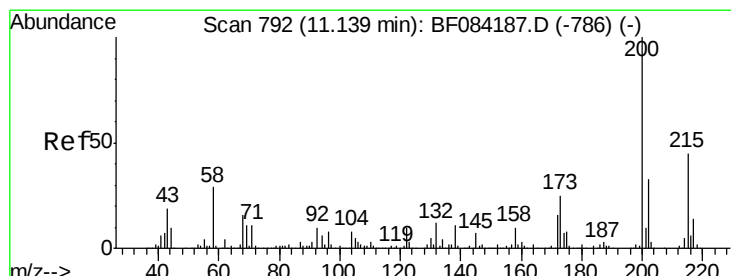
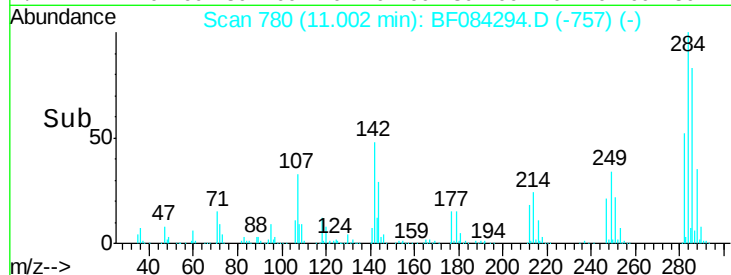
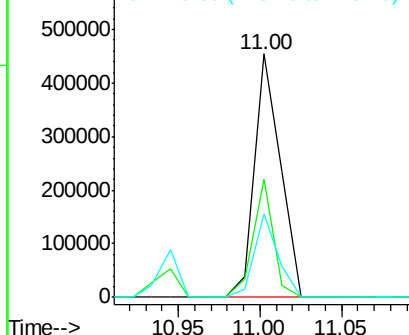
Tot Ion:	284	Resp:	500518
Ion Ratio		Lower	Upper
284	100		
142	48.4	22.2	33.4#
249	34.4	24.6	37.0

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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: 41.91 ng

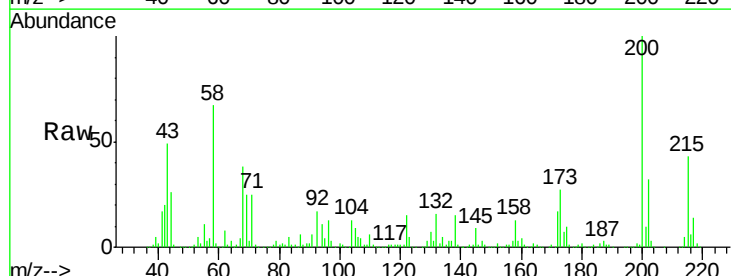
RT: 11.10 min Scan# 789

Delta R.T. -0.03 min

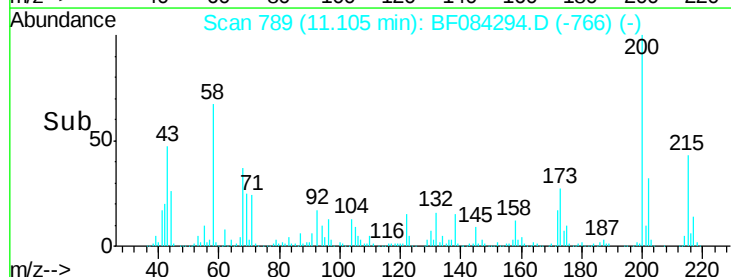
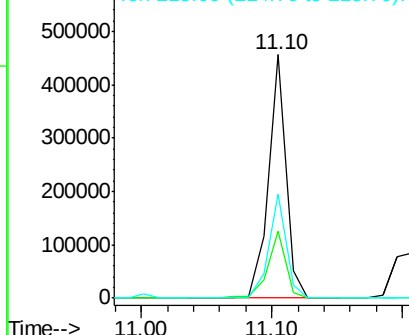
Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:	200	Resp:	432300
Ion Ratio		Lower	Upper
200	100		
173	27.5	9.5	49.5
215	42.6	23.8	63.8



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: 92.72 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

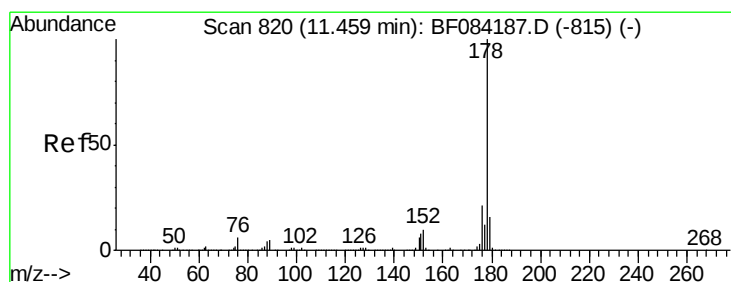
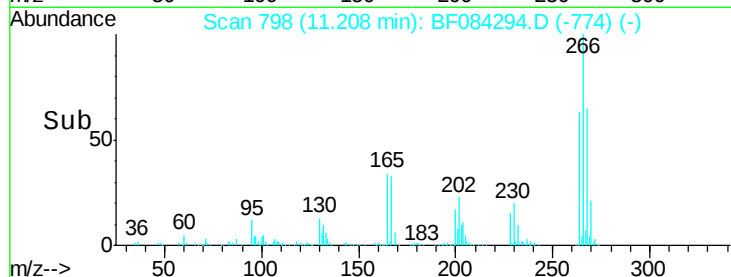
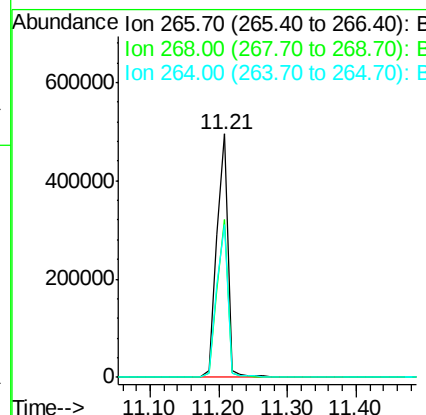
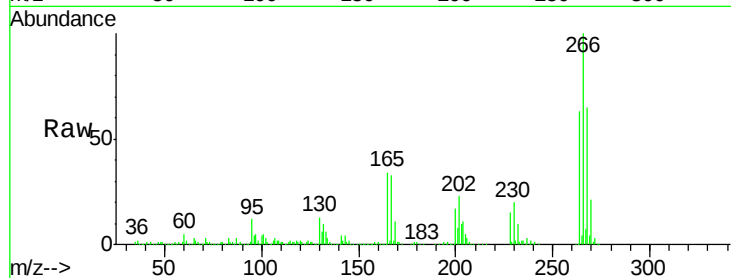
ClientSampleId :

TEP-MW-43MS

Tot Ion:	266	Resp:	574191
Ion Ratio		Lower	Upper
266	100		
268	64.8	52.4	78.6
264	62.9	50.2	75.2

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#70

Phenanthrene

Concen: 48.86 ng

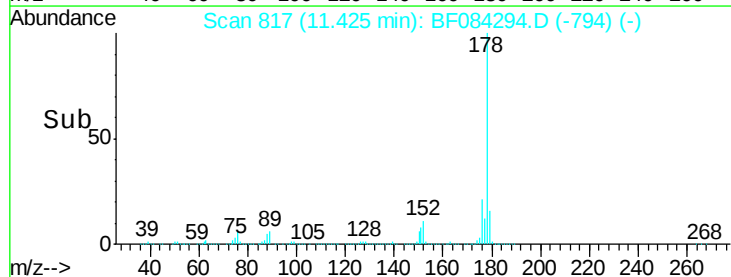
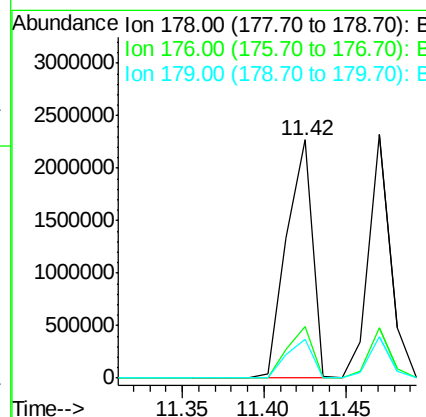
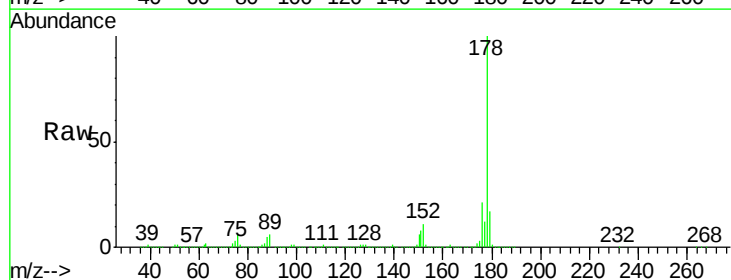
RT: 11.42 min Scan# 817

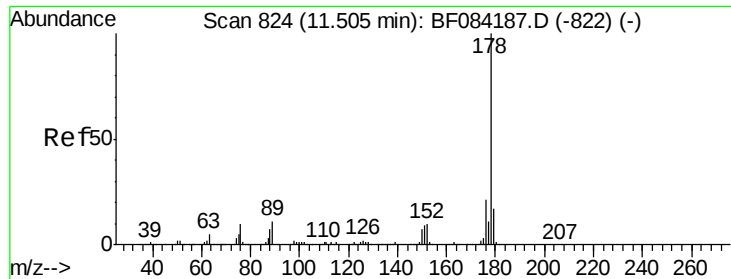
Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:	178	Resp:	2519672
Ion Ratio		Lower	Upper
178	100		
176	21.5	15.3	22.9
179	16.5	12.0	18.0





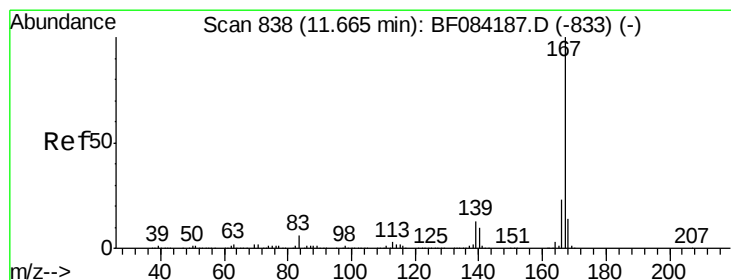
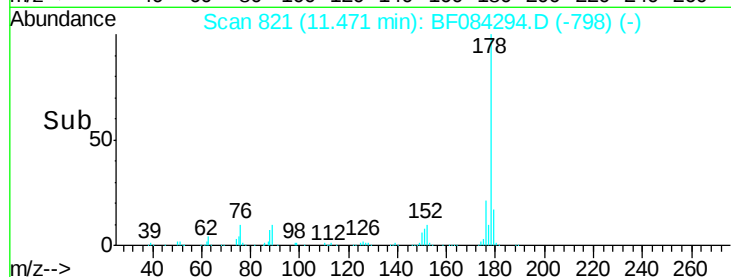
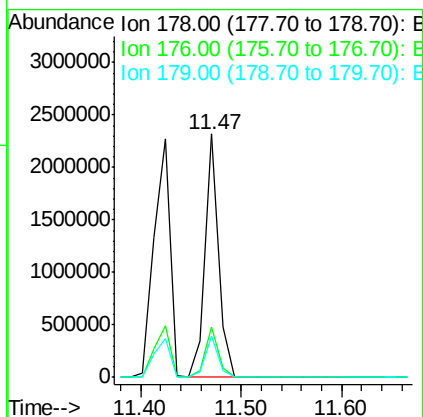
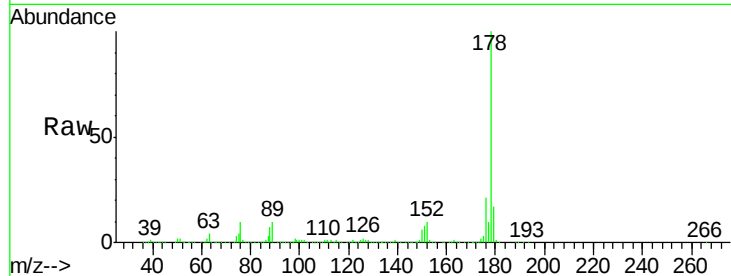
#71
 Anthracene
 Concen: 42.78 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

Tot Ion:178 Resp: 2162352
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.0
 179 17.1 12.5 18.7

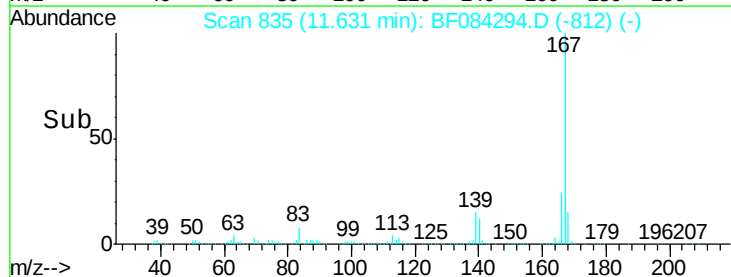
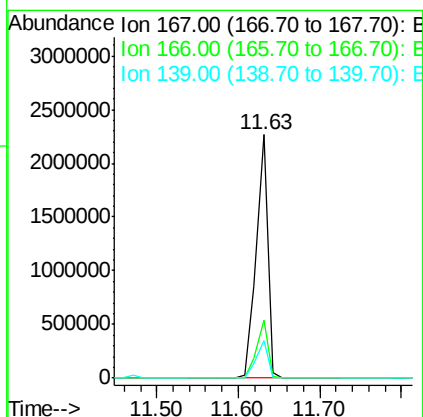
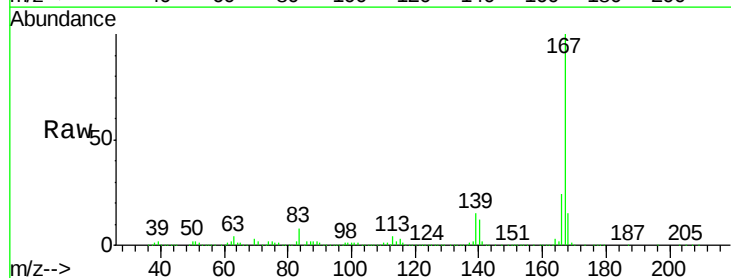
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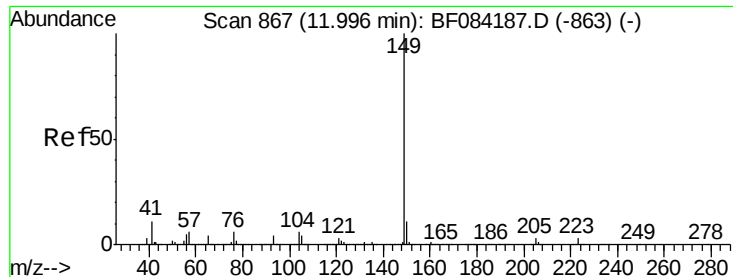
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#72
 Carbazole
 Concen: 44.41 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion:167 Resp: 2194815
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.6 26.4
 139 15.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 49.82 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:149 Resp: 2547396

Ion Ratio Lower Upper

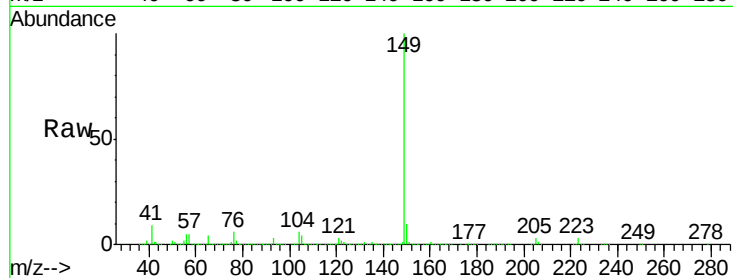
149 100

150 10.3 7.1 10.7

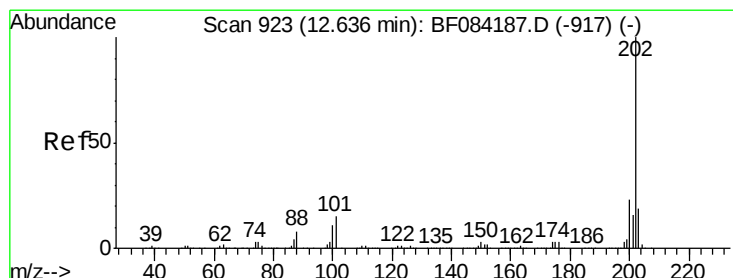
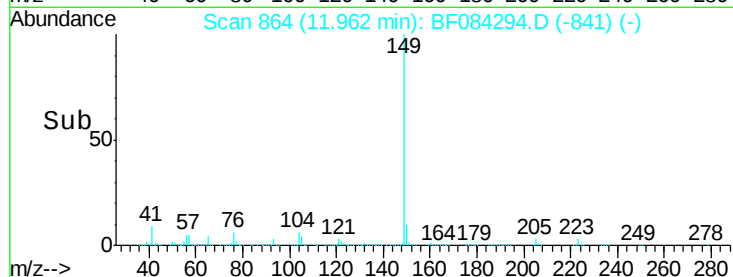
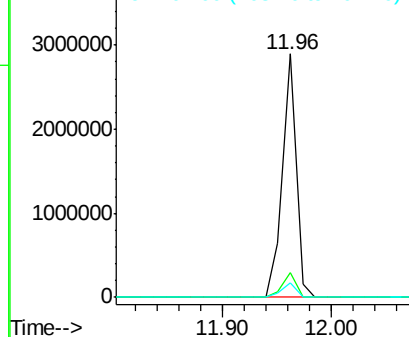
104 6.1 3.2 4.8#

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



#74

Fluoranthene

Concen: 42.45 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

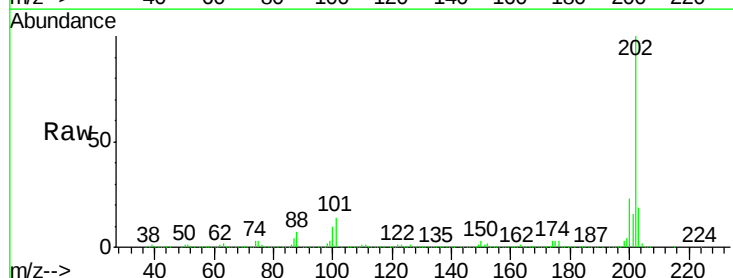
Tgt Ion:202 Resp: 2286859

Ion Ratio Lower Upper

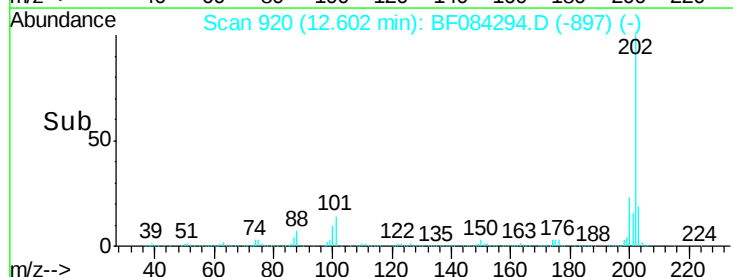
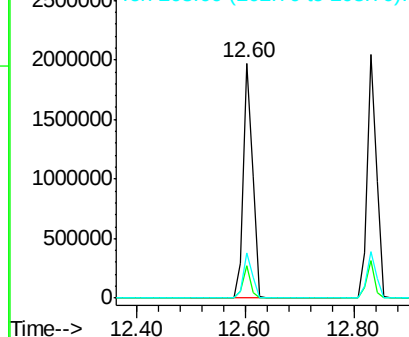
202 100

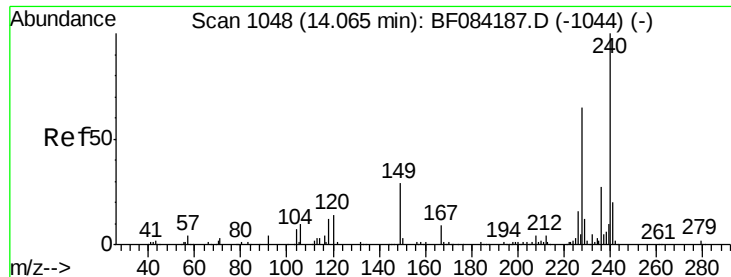
101 13.9 0.0 32.8

203 19.3 0.0 37.9



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





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

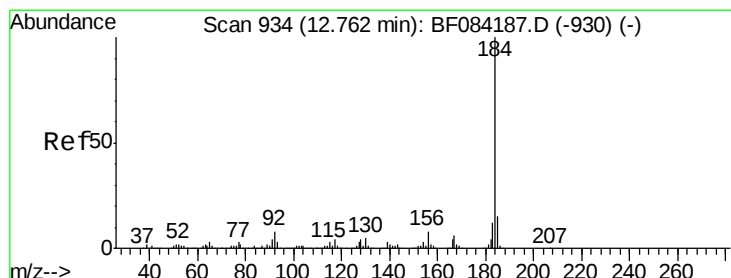
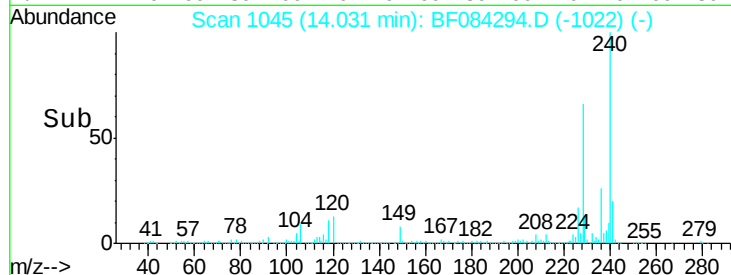
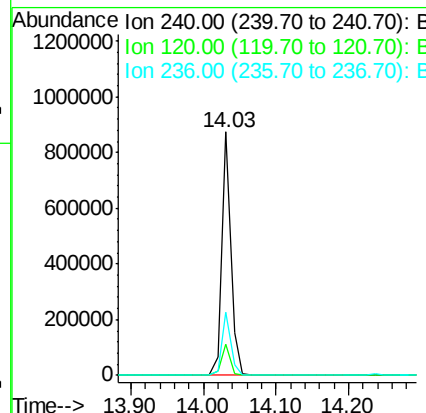
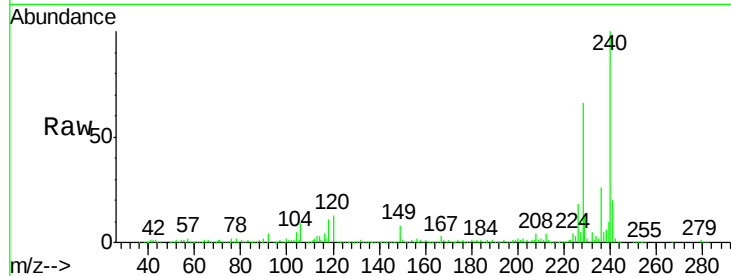
ClientSampleId :

TEP-MW-43MS

Tot Ion:	240	Resp:	763815
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	26.0	20.6	31.0

Manual Integrations
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#76

Benzidine

Concen: 5.70 ng

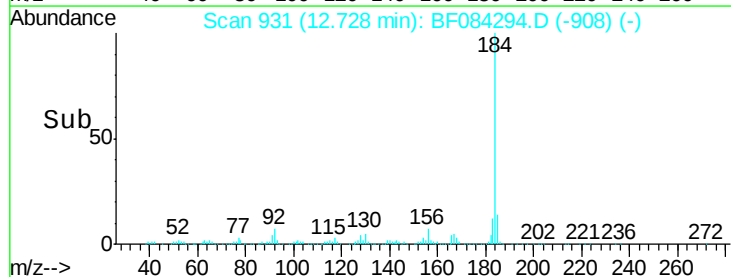
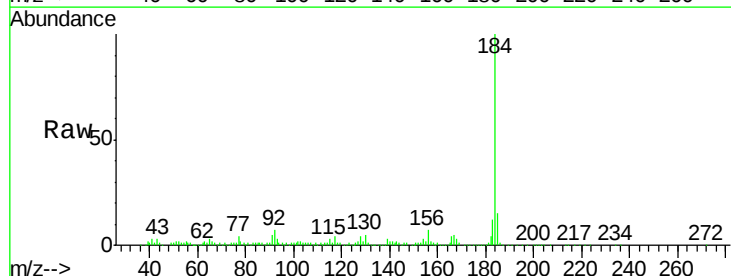
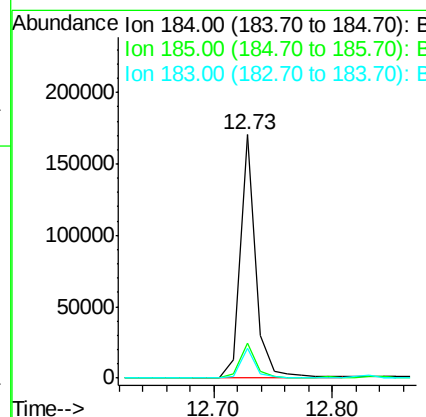
RT: 12.73 min Scan# 931

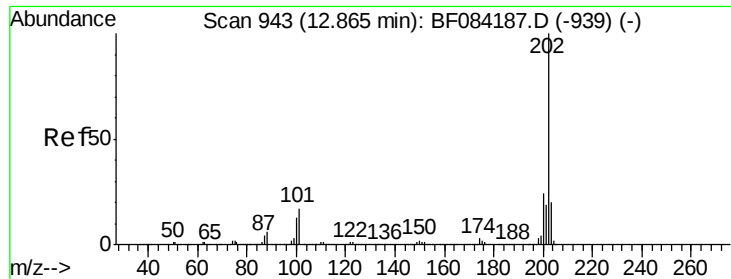
Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:	184	Resp:	156240
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.2
183	12.0	9.8	14.8





#77

Pvrene

Concen: 39.35 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:202 Resp: 2358802

Ion Ratio Lower Upper

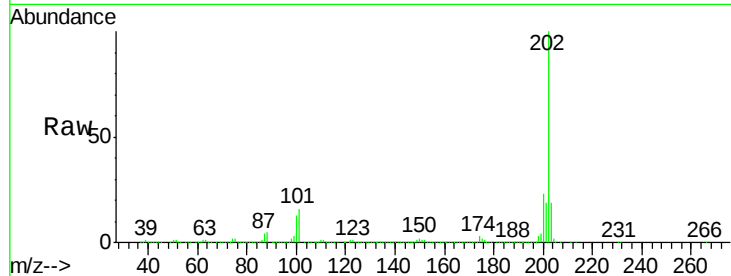
202 100

200 22.9 17.2 25.8

203 18.9 14.3 21.5

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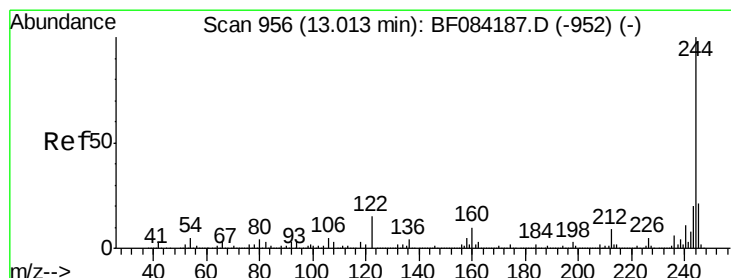
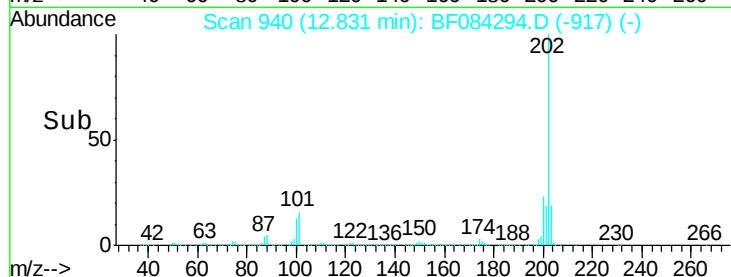
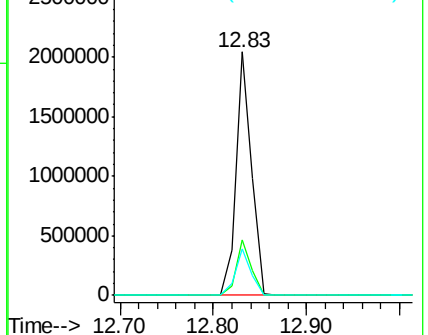
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.27 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tgt Ion:244 Resp: 2438597

Ion Ratio Lower Upper

244 100

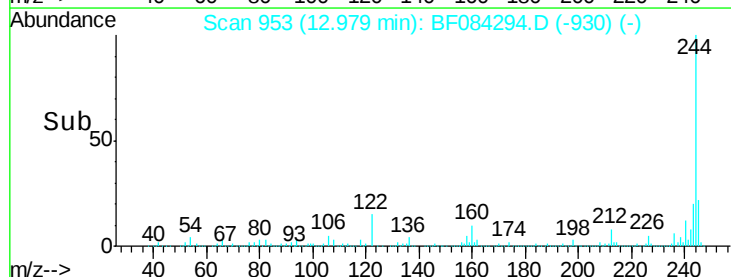
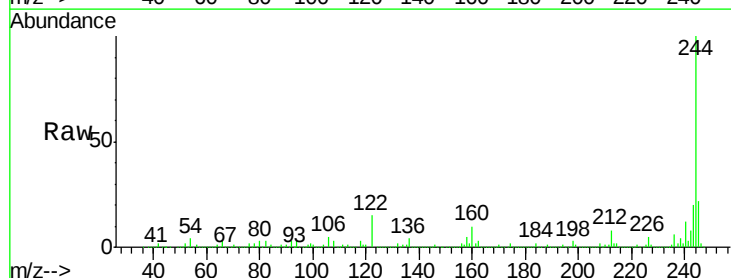
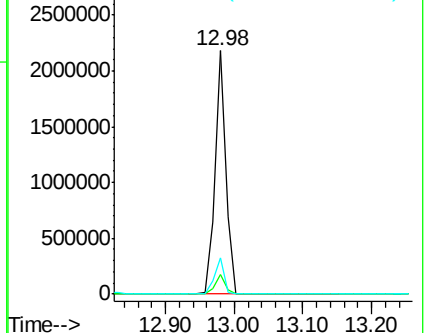
212 8.3 5.7 8.5

122 14.8 7.4 11.0#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





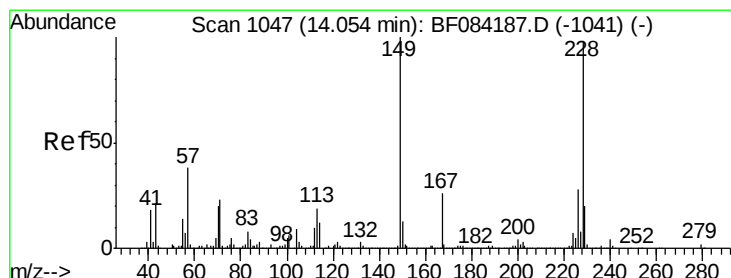
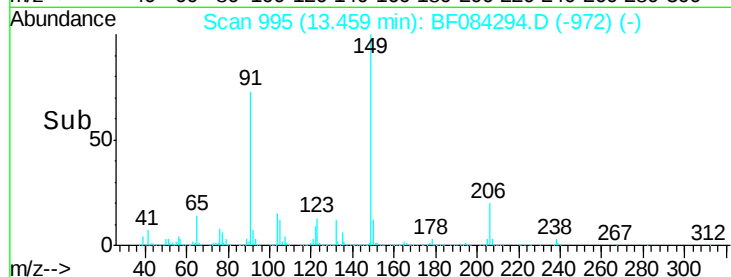
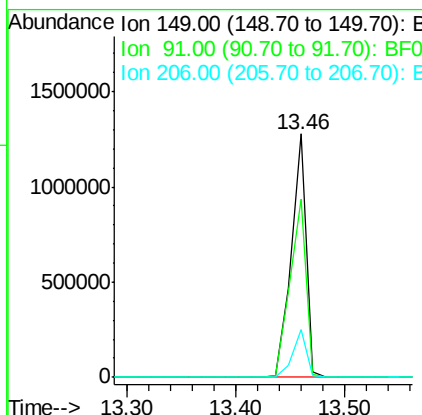
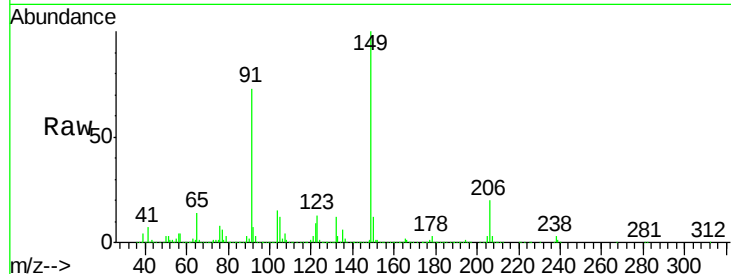
#79
Butylbenzylphthalate
Concen: 47.14 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.4	57.6	86.4
206	19.7	13.2	19.8

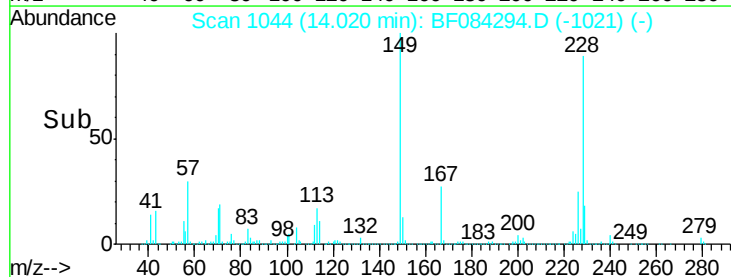
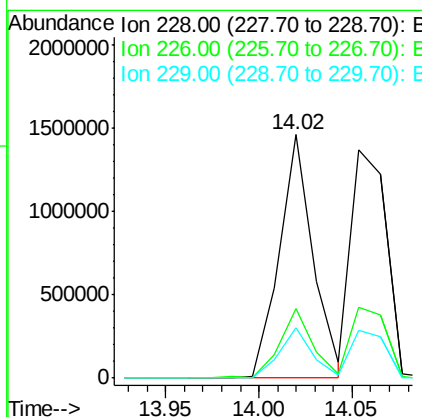
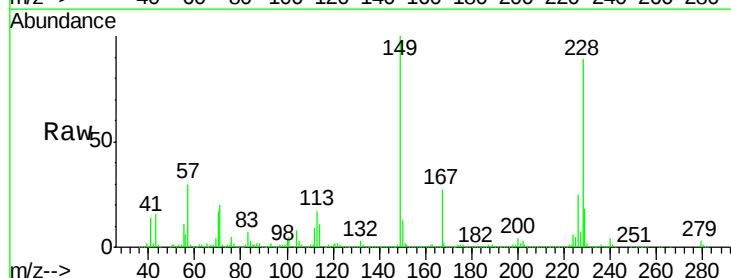
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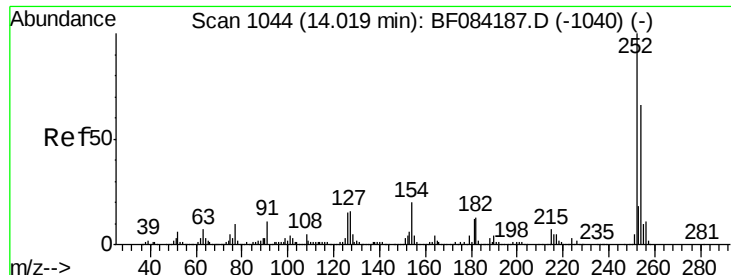
umangi
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#80
Benzo(a)anthracene
Concen: 41.19 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.6
229	20.6	15.8	23.8





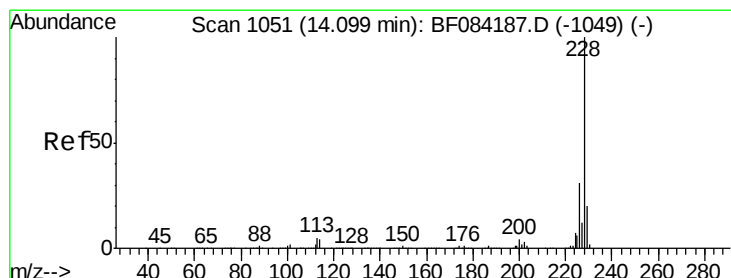
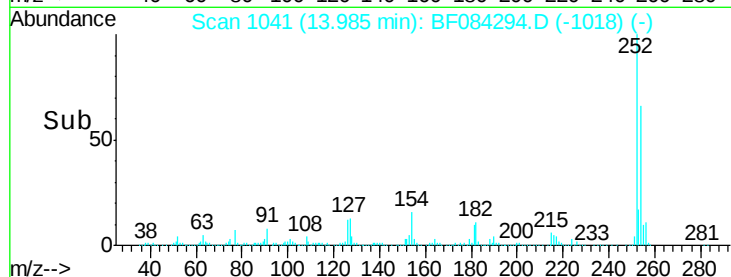
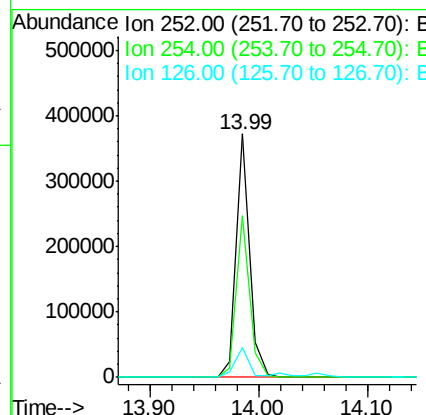
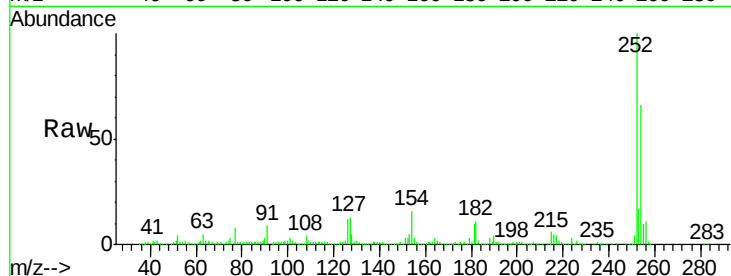
#81
 3,3'-Dichlorobenzidine
 Concen: 20.23 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.3	53.5	80.3
126	12.4	4.9	7.3

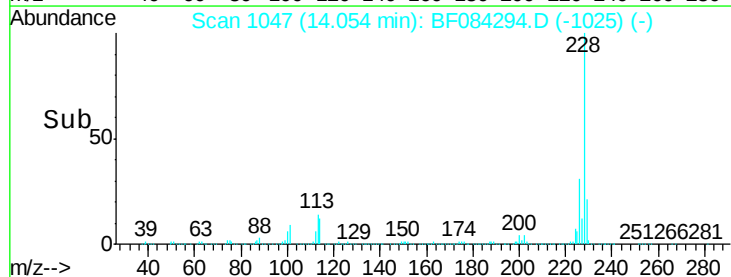
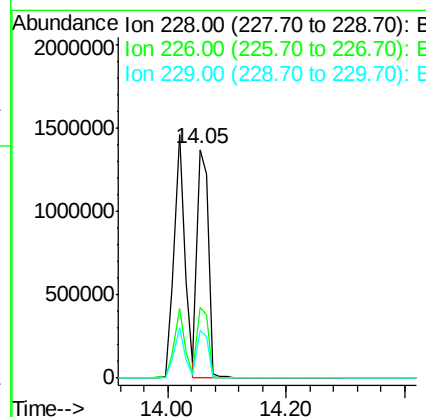
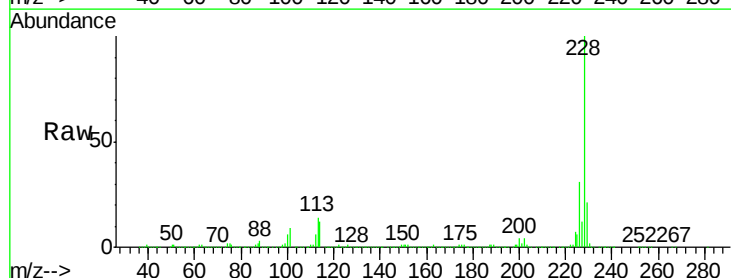
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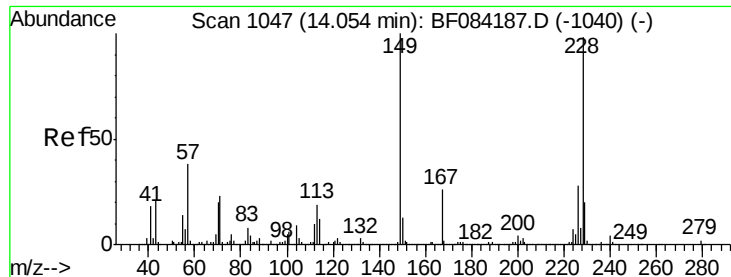
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#82
 Chrysene
 Concen: 42.50 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	24.3	36.5
229	20.7	16.1	24.1





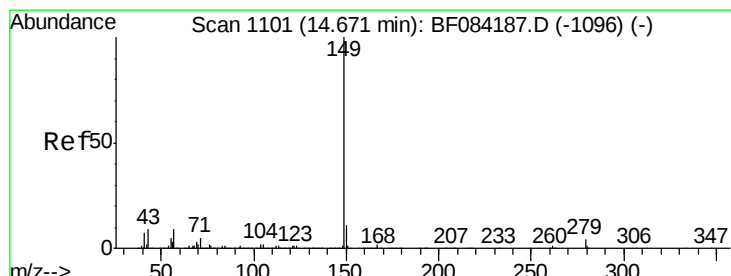
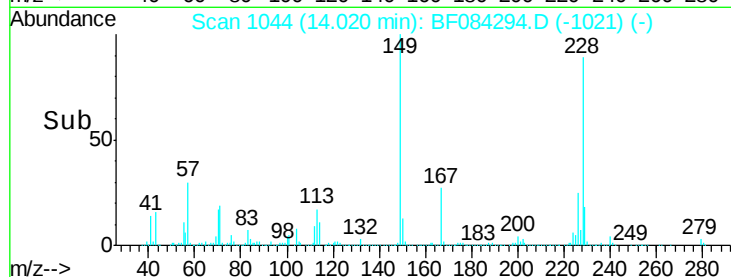
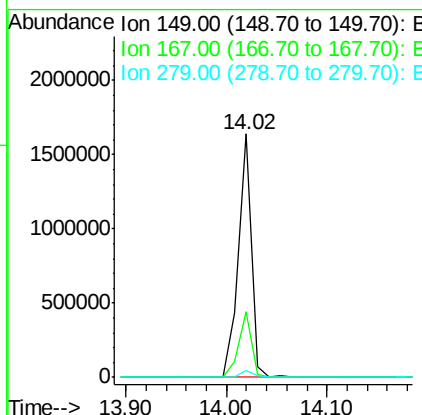
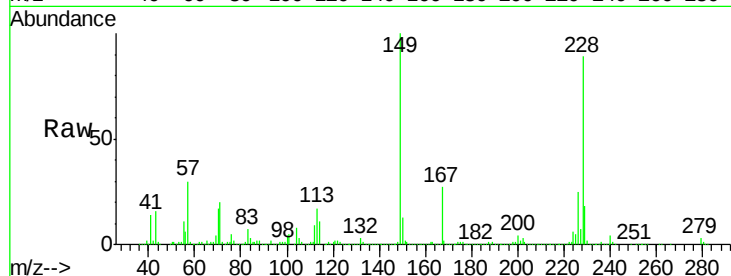
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.23 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 TEP-MW-43MS

Tot Ion:149 Resp: 1482268
 Ion Ratio Lower Upper
 149 100
 167 26.7 19.7 29.5
 279 3.0 1.8 2.6#

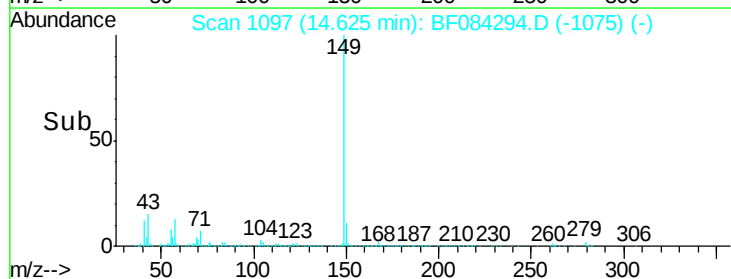
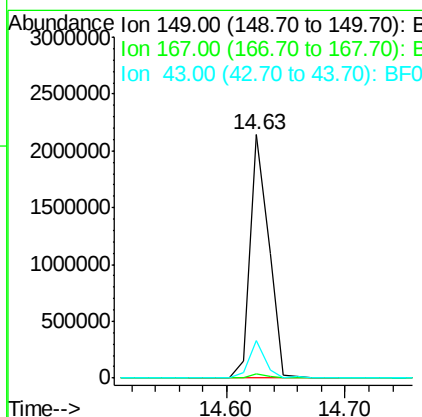
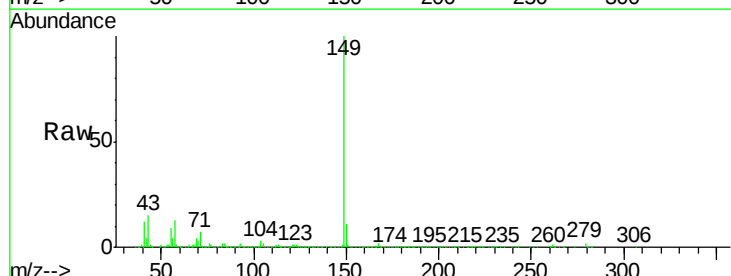
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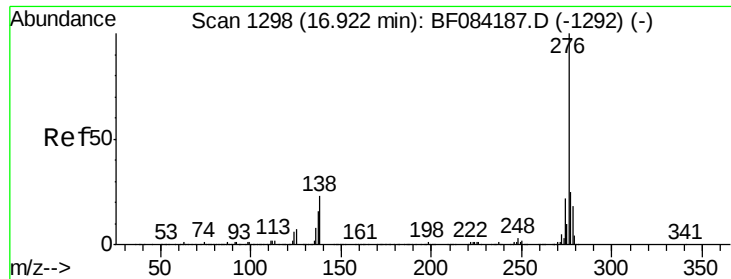
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#84
 Di-n-octyl phthalate
 Concen: 42.80 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.05 min
 Lab File: BF084294.D
 Acq: 6 Jan 2016 17:25

Tgt Ion:149 Resp: 2368035
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 12.7 5.6 8.4#





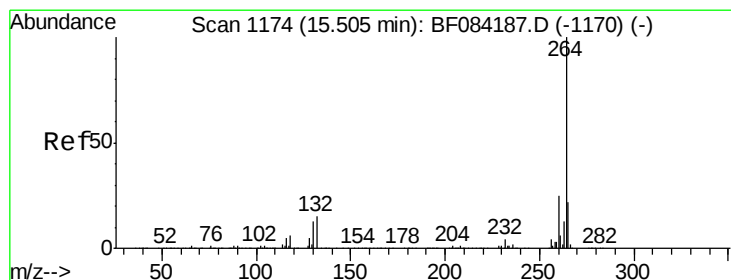
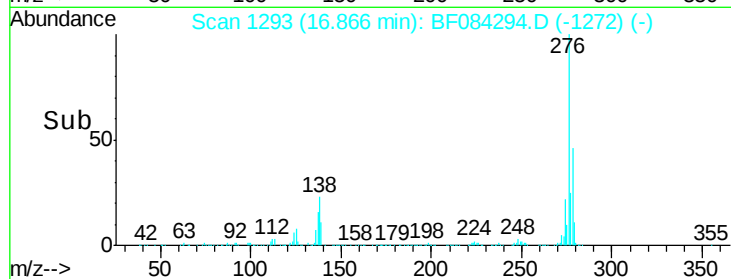
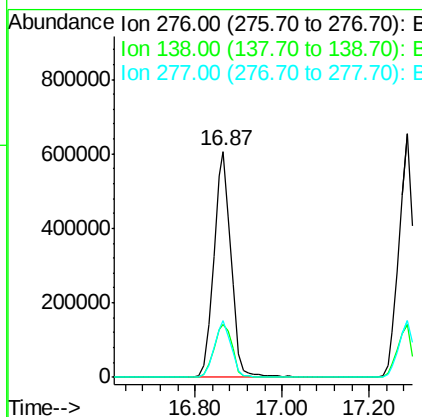
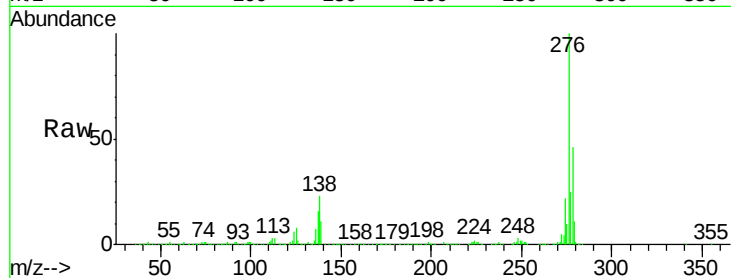
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.82 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.06 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	24.8	20.1	30.1

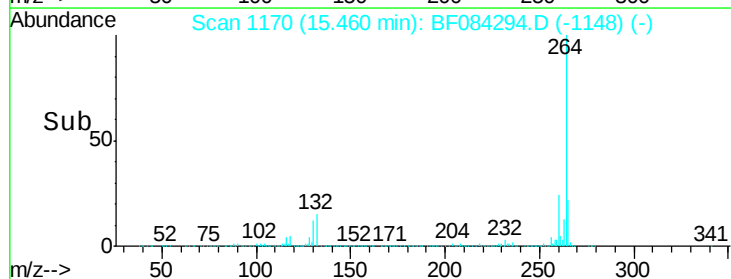
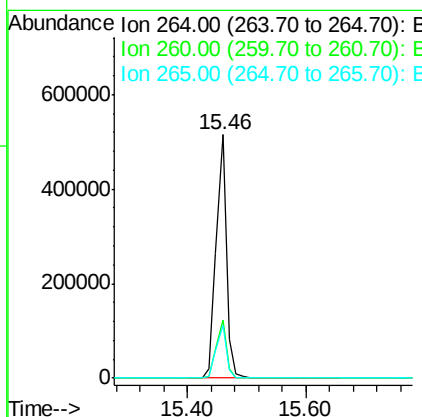
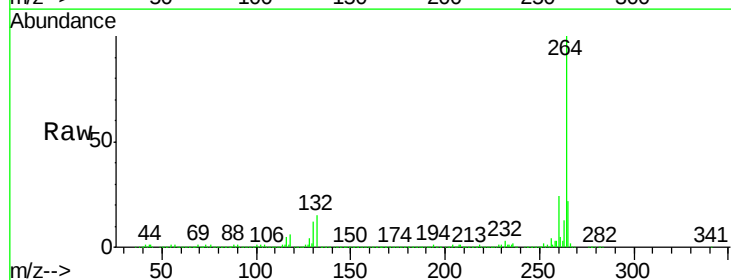
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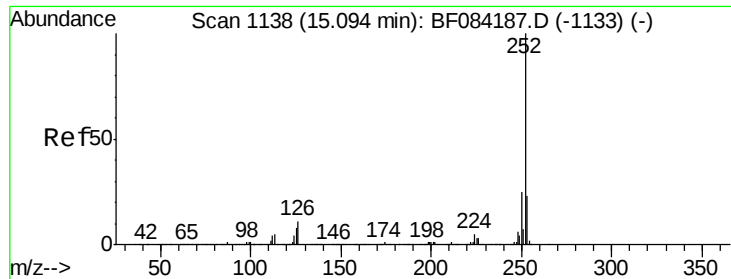
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.8	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 40.65 ng m

RT: 15.05 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Tot Ion:252 Resp: 1661633

Ion Ratio Lower Upper

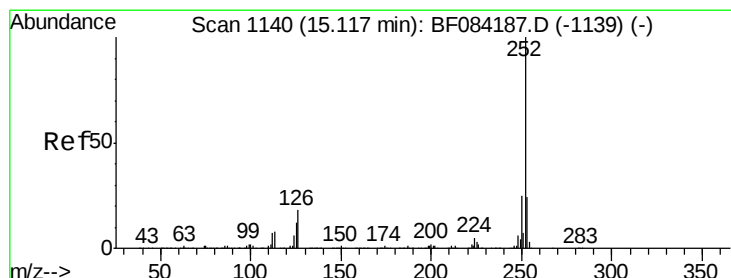
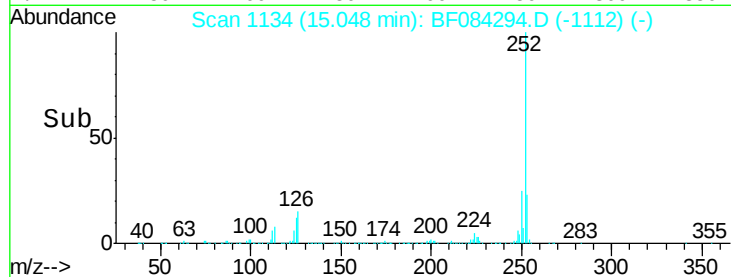
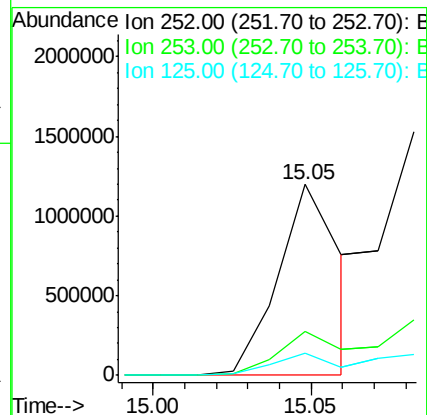
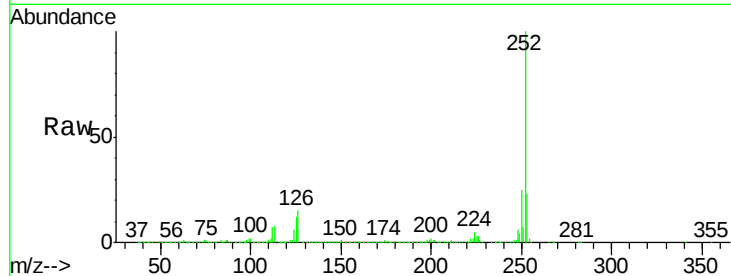
252 100

253 23.0 17.3 25.9

125 11.8 6.5 9.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 51.28 ng m

RT: 15.08 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

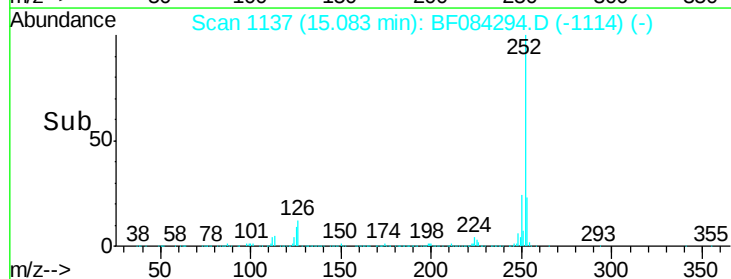
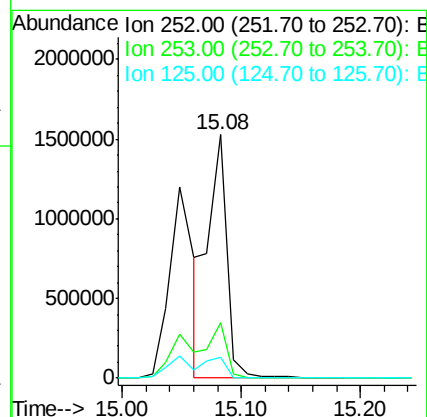
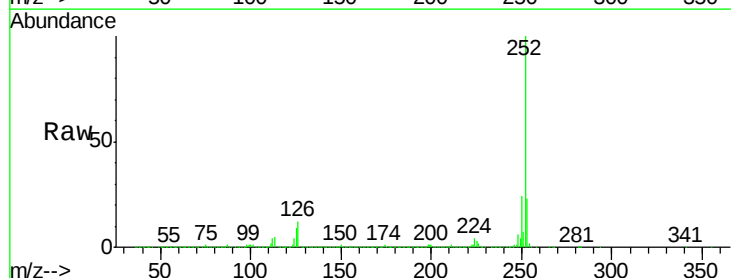
Tgt Ion:252 Resp: 1714352

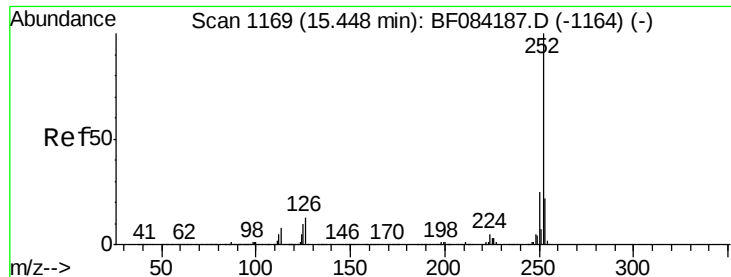
Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

125 8.6 9.0 13.6#





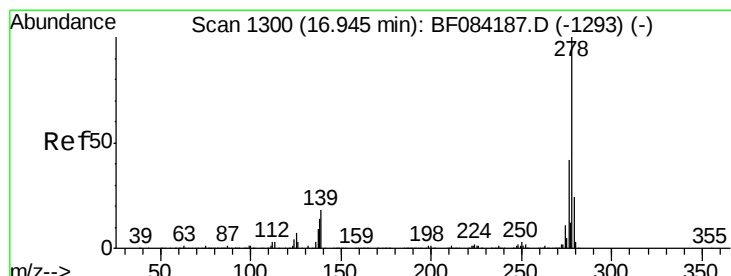
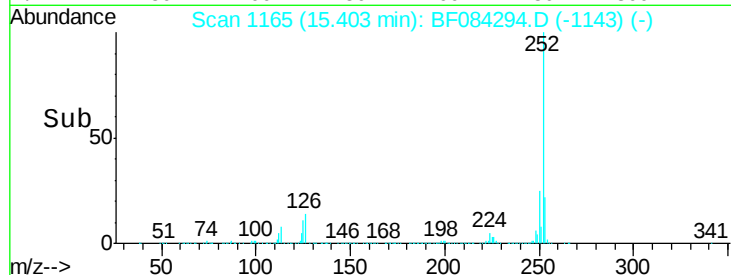
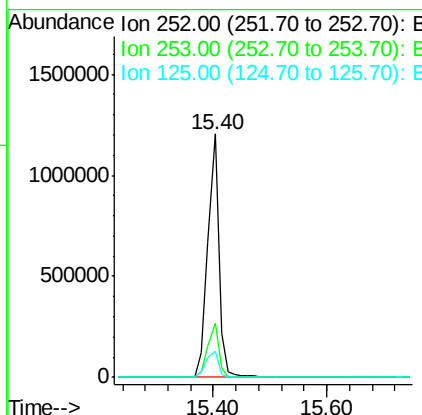
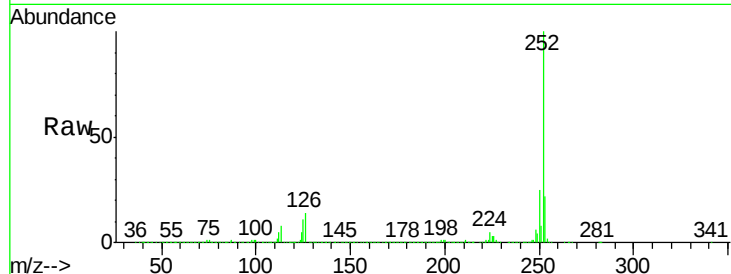
#89
Benzo(a)pyrene
Concen: 45.32 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Instrument :
BNA_F
ClientSampleId :
TEP-MW-43MS

Tot Ion:252 Resp: 1571301
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.7 7.0 10.4#

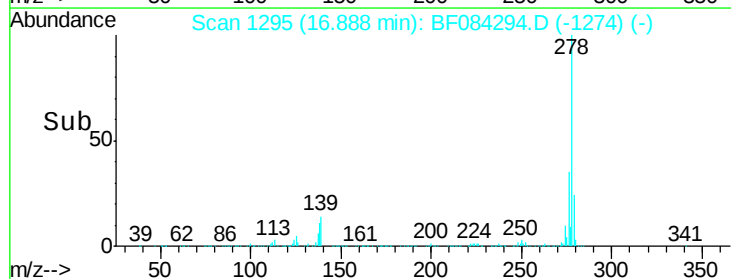
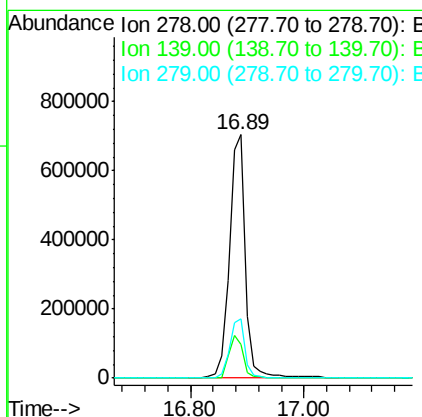
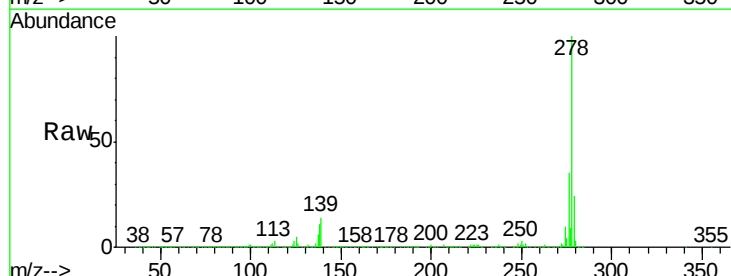
Manual Integrations
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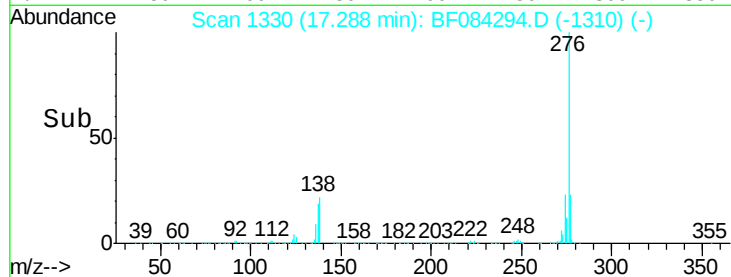
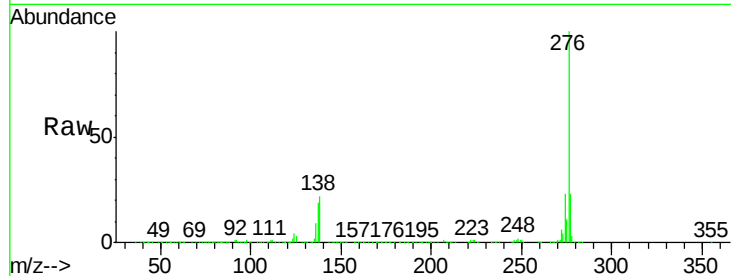
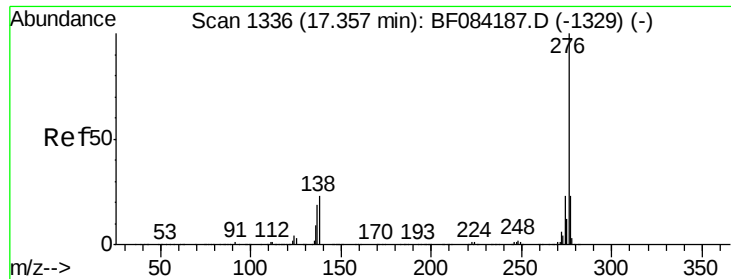
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#90
Dibenzo(a,h)anthracene
Concen: 46.42 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.06 min
Lab File: BF084294.D
Acq: 6 Jan 2016 17:25

Tgt Ion:278 Resp: 1384917
Ion Ratio Lower Upper
278 100
139 13.8 15.0 22.4#
279 24.1 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 47.11 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.07 min

Lab File: BF084294.D

Acq: 6 Jan 2016 17:25

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	21.7	17.8	26.6

Instrument :

BNA_F

ClientSampleId :

TEP-MW-43MS

Manual Integrations
APPROVED

umangi
1/7/2016 12:04:00 PM

