

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
 Data File : BF085093.D
 Acq On : 17 Feb 2016 18:24
 Operator : SJ/IZ
 Sample : H1418-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP005MSD

Manual Integrations
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Sohil
 2/19/2016 7:57:18 AM

Quant Time: Feb 18 00:29:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 17 16:42:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	188216	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	759749	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	353887	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	737320	20.00	ng	0.00
75) Chrysene-d12	14.16	240	674013	20.00	ng	0.00
86) Perylene-d12	15.63	264	500206	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1721387	159.85	ng	0.02
7) Phenol-d6	6.62	99	2394331	176.85	ng	0.00
23) Nitrobenzene-d5	7.56	82	1533715	123.74	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	665302	177.08	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2400538	100.24	ng	0.00
78) Terphenyl-d14	13.11	244	2680620	111.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	243360	47.75	ng	90
3) Pyridine	3.54	79	710766	54.13	ng	88
4) n-Nitrosodimethylamine	3.50	42	354667	56.30	ng	86
6) Aniline	6.66	93	377727	20.09	ng	# 70
8) 2-Chlorophenol	6.78	128	691855	55.72	ng	94
9) Benzaldehyde	6.54	77	179512	22.80	ng	85
10) Phenol	6.64	94	845307	57.75	ng	# 36
11) bis(2-Chloroethyl)ether	6.73	93	663389	53.69	ng	91
12) 1,3-Dichlorobenzene	6.94	146	706864	52.76	ng	97
13) 1,4-Dichlorobenzene	7.02	146	758797	55.78	ng	97
14) 1,2-Dichlorobenzene	7.16	146	648266	51.46	ng	97
15) Benzyl Alcohol	7.13	79	622825	62.65	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1033879	55.36	ng	94
17) 2-Methylphenol	7.24	107	607650	61.17	ng	# 85
18) Hexachloroethane	7.51	117	267577	55.19	ng	# 85
19) n-Nitroso-di-n-propylamine	7.42	70	562367	60.84	ng	# 84
20) 3+4-Methylphenols	7.39	107	710094	56.88	ng	94
22) Acetophenone	7.40	105	932207	49.24	ng	# 95
24) Nitrobenzene	7.58	77	690577	54.48	ng	97
25) Isophorone	7.82	82	1387123	53.55	ng	98
26) 2-Nitrophenol	7.90	139	378338	65.84	ng	94
27) 2,4-Dimethylphenol	7.93	122	724898	58.90	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	853286	55.55	ng	99
29) 2,4-Dichlorophenol	8.14	162	648600	61.16	ng	95
30) 1,2,4-Trichlorobenzene	8.23	180	639826	52.94	ng	95
31) Naphthalene	8.31	128	2008838	55.02	ng	97
32) Benzoic acid	8.01	122	155743	21.17	ng	97
33) 4-Chloroaniline	8.34	127	106310	6.78	ng	99
34) Hexachlorobutadiene	8.42	225	390158	53.39	ng	97
35) Caprolactam	8.72	113	188601m	59.49	ng	
36) 4-Chloro-3-methylphenol	8.82	107	629615	54.93	ng	98
37) 2-Methylnaphthalene	8.99	142	1319443	55.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	653959	54.30	ng	98
40) Hexachlorocyclopentadiene	9.15	237	756994	117.24	ng	99

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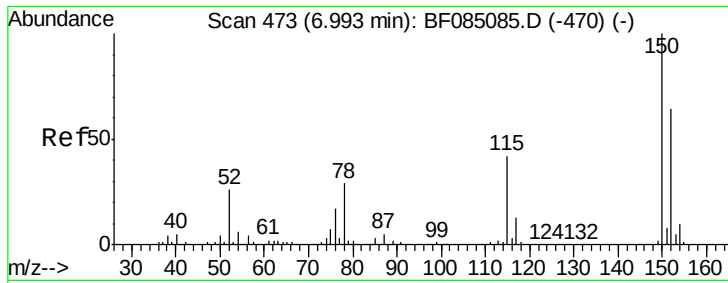
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	485145	63.43	nq	96
43) 2,4,5-Trichlorophenol	9.31	196	454433	60.30	nq #	87
45) 1,1'-Biphenyl	9.46	154	1692338	55.91	nq	96
46) 2-Chloronaphthalene	9.48	162	1263894	56.75	nq	97
47) 2-Nitroaniline	9.58	65	422260	60.08	nq	93
48) Acenaphthylene	9.90	152	1888121	52.44	nq	97
49) Dimethylphthalate	9.76	163	1789282	68.89	nq #	95
50) 2,6-Dinitrotoluene	9.82	165	310290	56.73	nq	90
51) Acenaphthene	10.07	154	1293156	58.26	nq	98
52) 3-Nitroaniline	9.98	138	127082	20.51	nq	85
53) 2,4-Dinitrophenol	10.09	184	319846	91.11	nq #	72
54) Dibenzofuran	10.24	168	1752630	59.12	nq	99
55) 4-Nitrophenol	10.14	139	535453	109.05	nq	97
56) 2,4-Dinitrotoluene	10.22	165	410675	60.93	nq #	80
57) Fluorene	10.58	166	1259232	51.55	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	392920	63.87	nq	96
59) Diethylphthalate	10.46	149	1401284	52.22	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	666941	52.84	nq	94
61) 4-Nitroaniline	10.60	138	350913	60.65	nq	90
62) Azobenzene	10.73	77	1521746	60.38	nq	96
64) 4,6-Dinitro-2-methylphenol	10.63	198	226632	58.10	nq	86
65) n-Nitrosodiphenylamine	10.70	169	1285582	55.28	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	448507	52.09	nq	93
67) Hexachlorobenzene	11.13	284	474299	52.43	nq	95
68) Atrazine	11.22	200	473082	70.62	nq	94
69) Pentachlorophenol	11.32	266	614070	111.90	nq	97
70) Phenanthrene	11.54	178	1978411	53.41	nq	98
71) Anthracene	11.60	178	1977534	52.89	nq	93
72) Carbazole	11.75	167	1834224	53.79	nq	96
73) Di-n-butylphthalate	12.08	149	2098843	53.94	nq	97
74) Fluoranthene	12.73	202	2037293	50.88	nq	92
76) Benzidine	12.85	184	443674	22.36	nq	97
77) Pyrene	12.96	202	2052754	50.58	nq	95
79) Butylbenzylphthalate	13.58	149	991267	61.46	nq #	98
80) Benzo(a)anthracene	14.15	228	2086374	55.49	nq	95
81) 3,3'-Dichlorobenzidine	14.10	252	218441	15.71	nq	98
82) Chrysene	14.18	228	1412791	40.83	nq	95
83) Bis(2-ethylhexyl)phthalate	14.14	149	1307877	59.34	nq #	94
84) Di-n-octyl phthalate	14.74	149	2060329	58.42	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	1576778	47.11	nq	100
87) Benzo(b)fluoranthene	15.20	252	1711733	53.67	nq #	95
88) Benzo(k)fluoranthene	15.23	252	1693513m	65.94	nq	
89) Benzo(a)pyrene	15.57	252	1589806	58.66	nq #	94
90) Dibenzo(a,h)anthracene	17.14	278	1290009	55.76	nq #	94
91) Benzo(g,h,i)perylene	17.57	276	1283981	56.57	nq	99

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



#1

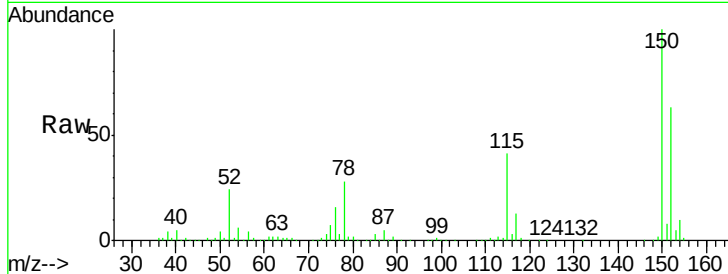
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

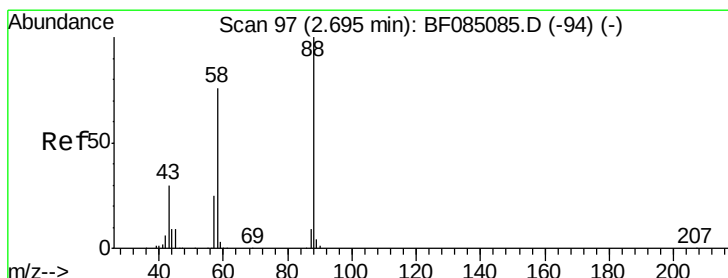
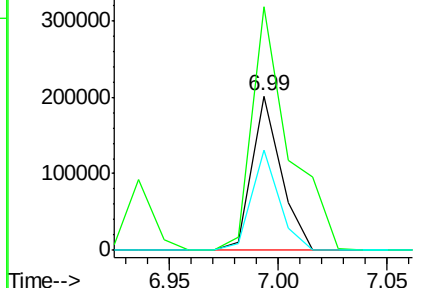
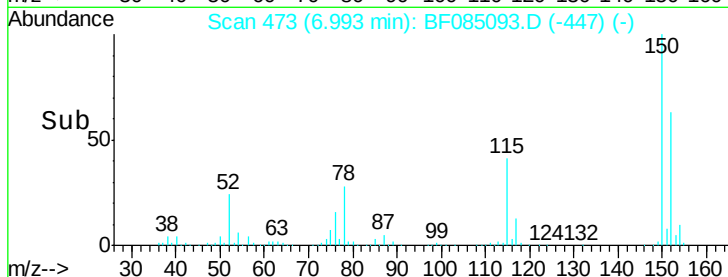
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.4	191.2
115	64.7	50.5	75.7

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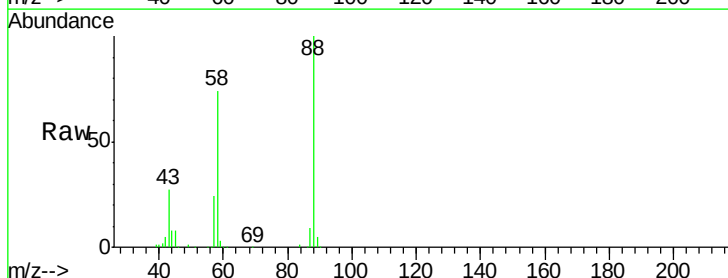
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



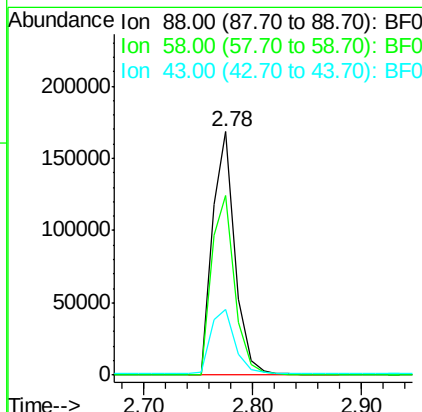
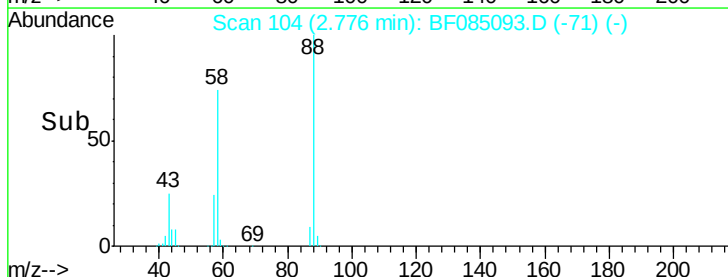
#2

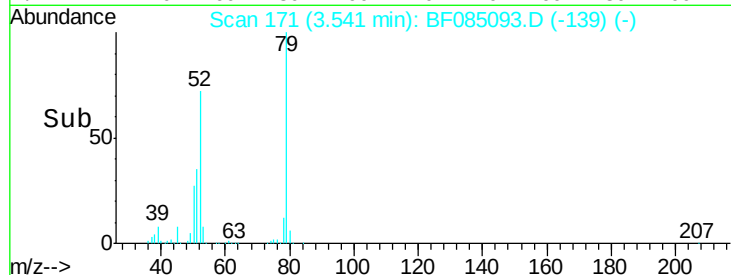
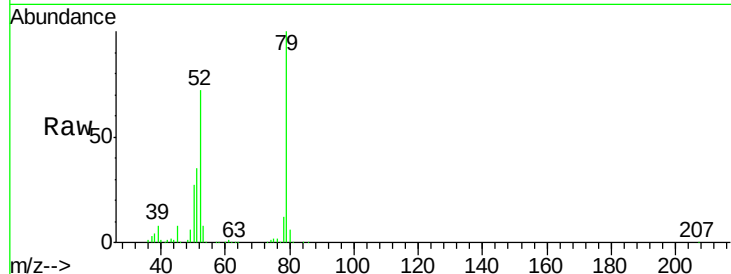
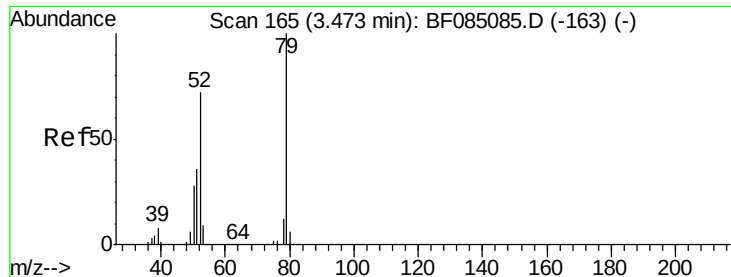
1,4-Dioxane
Concen: 47.75 ng
RT: 2.78 min Scan# 104
Delta R.T. 0.08 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	70.9	106.3
43	28.6	25.9	38.9



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





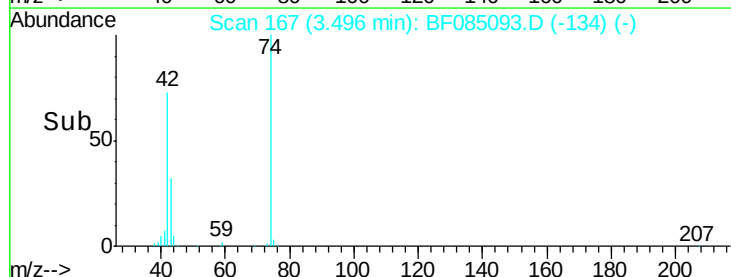
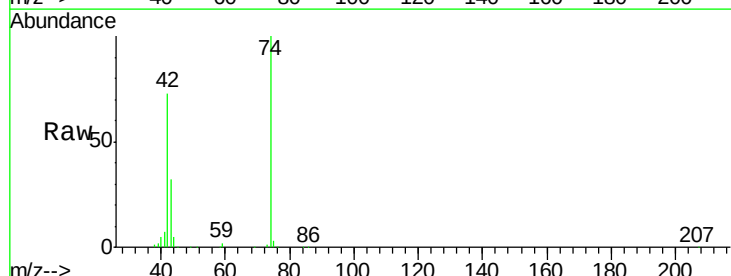
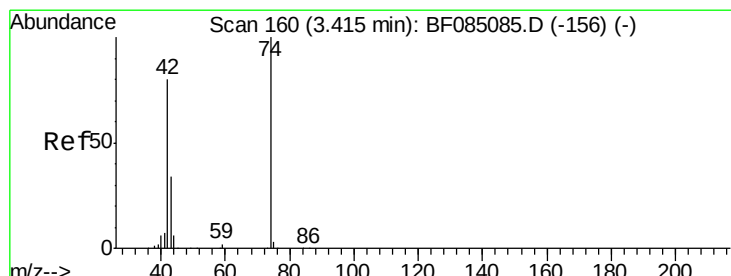
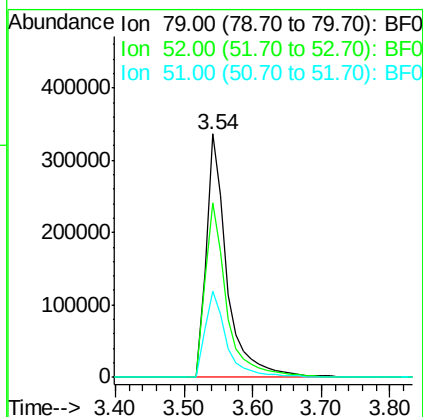
#3
 Pvridine
 Concen: 54.13 ng
 RT: 3.54 min Scan# 171
 Delta R.T. 0.07 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.8	67.1	100.7
51	35.4	32.7	49.1

Instrument :
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 EP005MSD

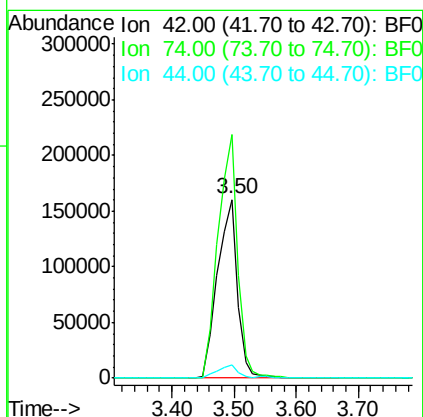
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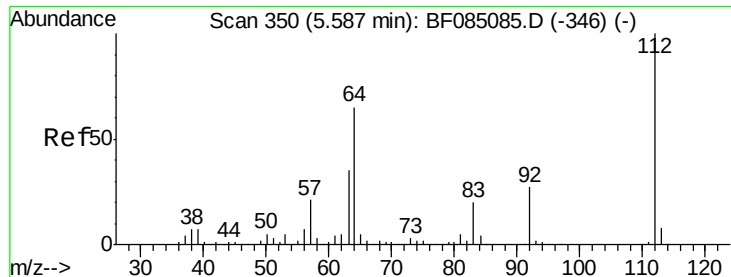
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#4
 n-Nitrosodimethylamine
 Concen: 56.30 ng
 RT: 3.50 min Scan# 167
 Delta R.T. 0.08 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.4	96.2	144.4
44	7.3	7.0	10.4





#5

2-Fluorophenol

Concen: 159.85 ng

RT: 5.61 min Scan# 352

Delta R.T. 0.02 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

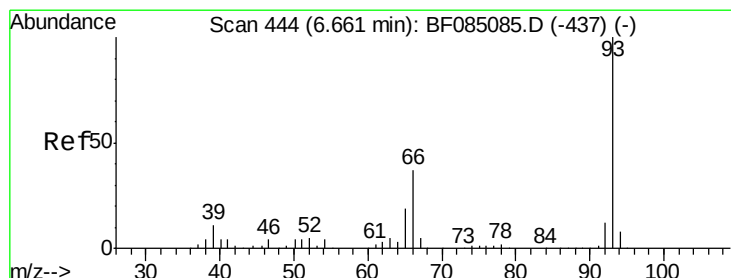
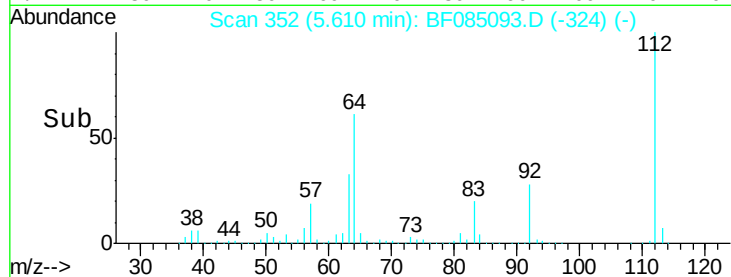
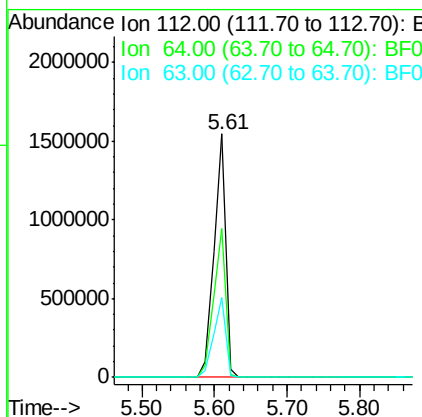
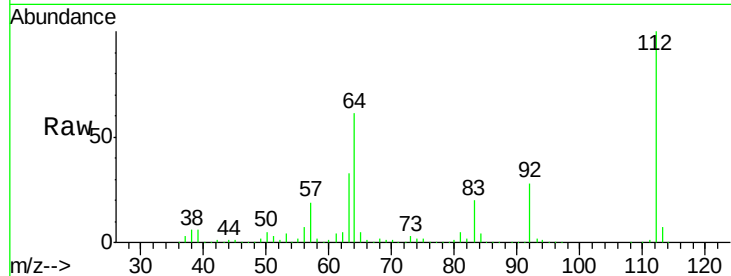
ClientSampleId :

EP005MSD

Tot Ion:	112	Resp:	1721387
Ion	Ratio	Lower	Upper
112	100		
64	61.2	45.4	68.2
63	32.7	23.2	34.8

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#6

Aniline

Concen: 20.09 ng

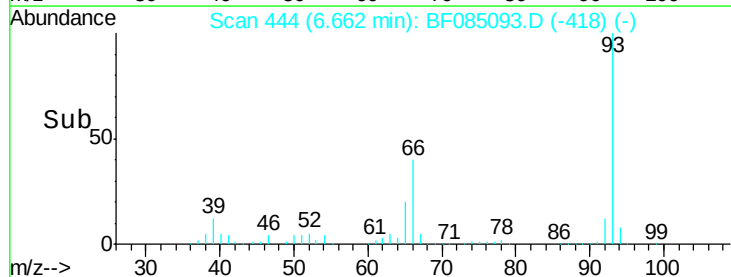
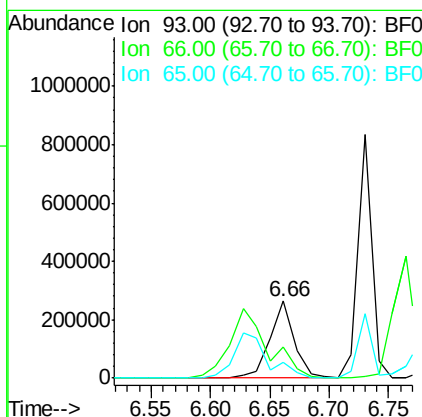
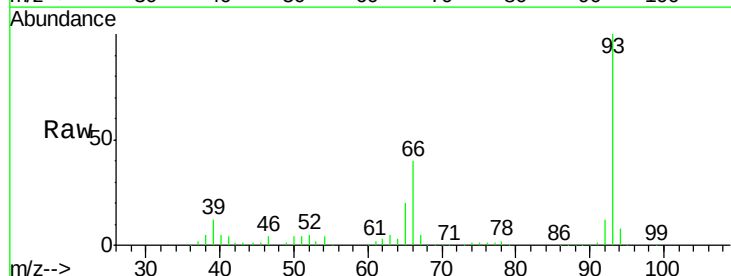
RT: 6.66 min Scan# 444

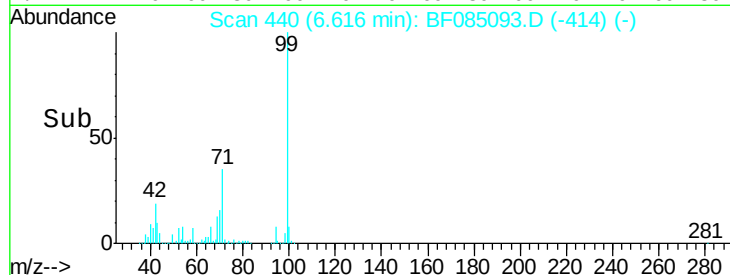
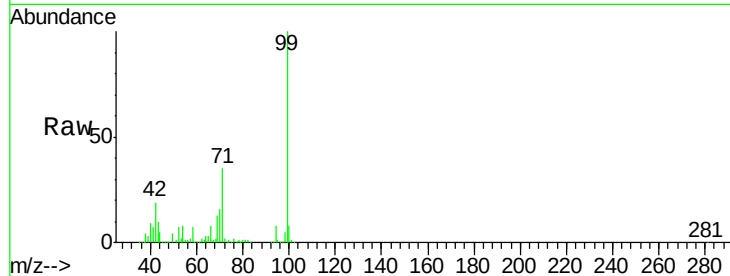
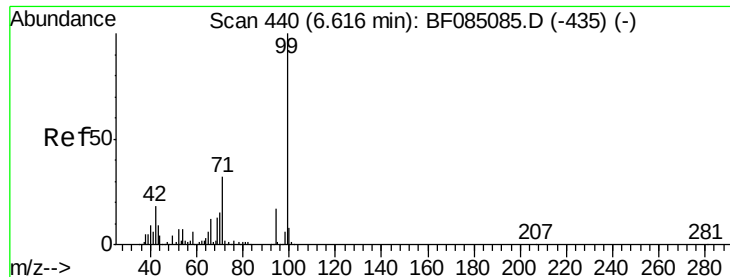
Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion:	93	Resp:	377727
Ion	Ratio	Lower	Upper
93	100		
66	39.8	51.8	77.8#
65	19.7	28.5	42.7#





#7

Phenol-d6

Concen: 176.85 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tot Ion: 99 Resp: 2394331

Ion Ratio Lower Upper

99 100

42 19.4 17.0 25.4

71 34.7 28.3 42.5

Instrument :

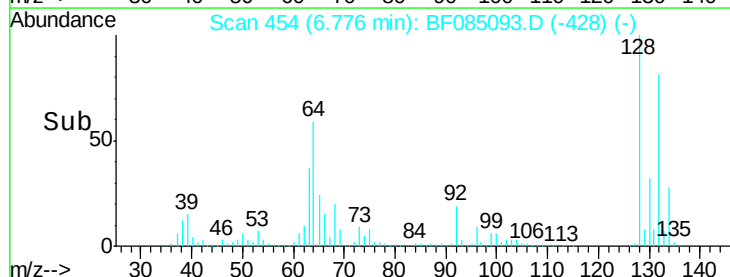
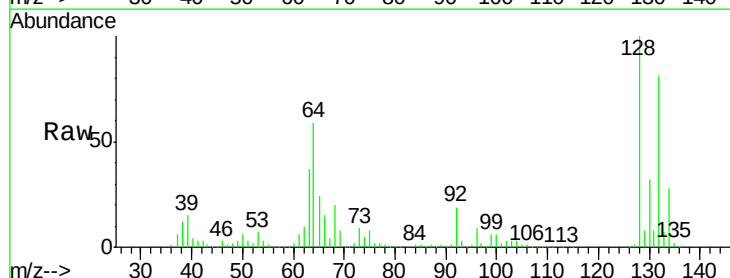
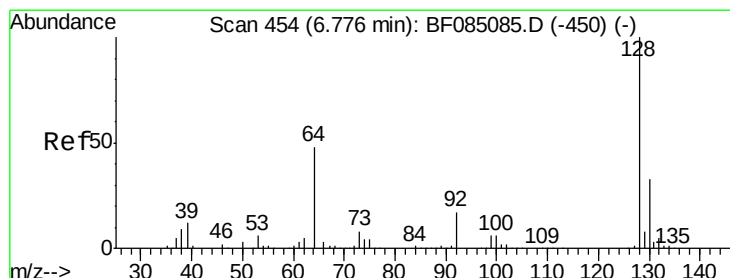
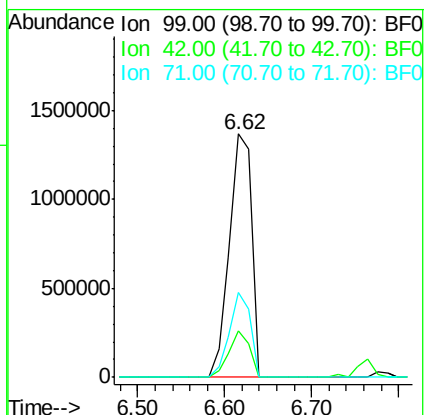
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EP005MSD

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#8

2-Chlorophenol

Concen: 55.72 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

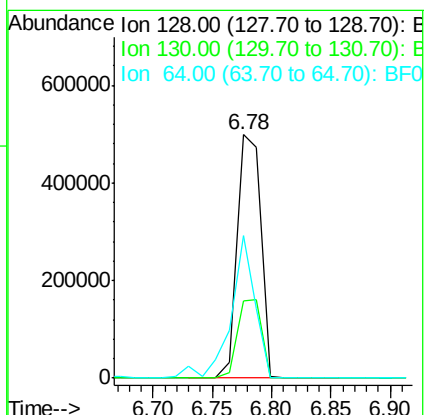
Tgt Ion: 128 Resp: 691855

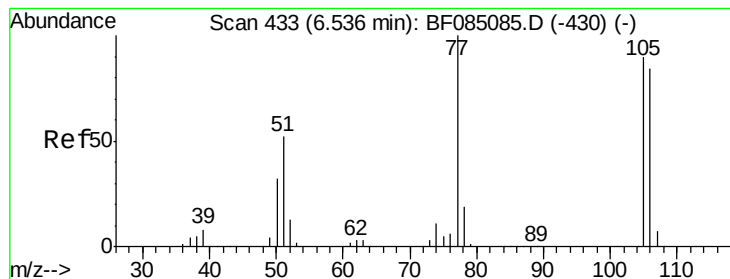
Ion Ratio Lower Upper

128 100

130 32.0 12.4 52.4

64 58.8 32.1 72.1





#9

Benzaldehyde

Concen: 22.80 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

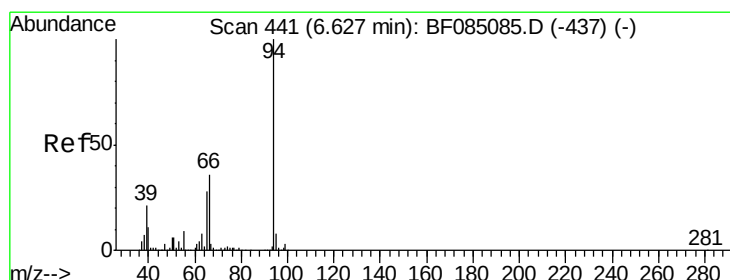
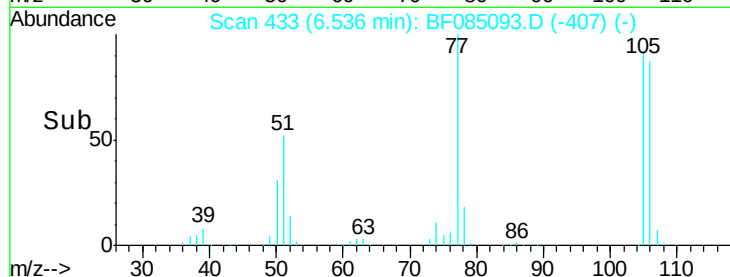
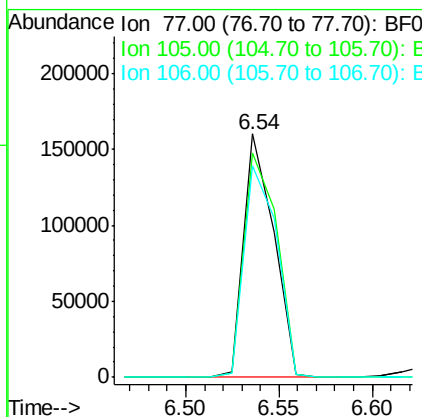
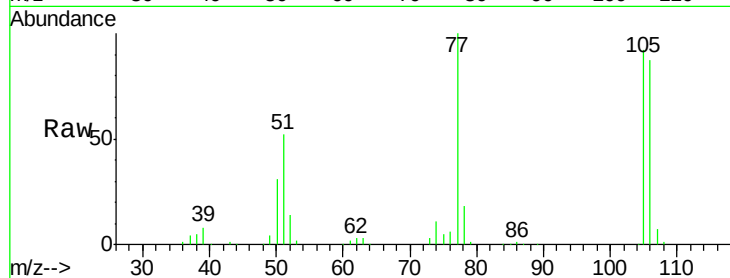
ClientSampleId :

EP005MSD

Tot Ion:	77	Resp:	179512
Ion Ratio	Lower	Upper	
77	100		
105	91.9	90.9	130.9
106	86.9	79.7	119.7

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#10

Phenol

Concen: 57.75 ng

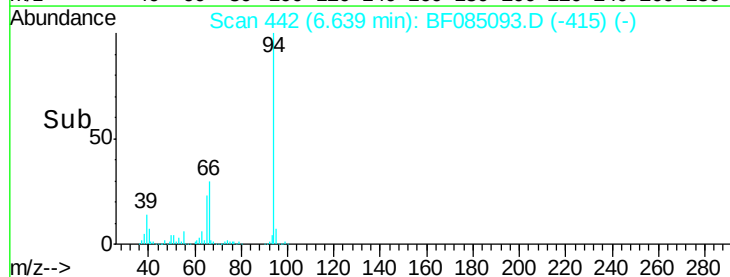
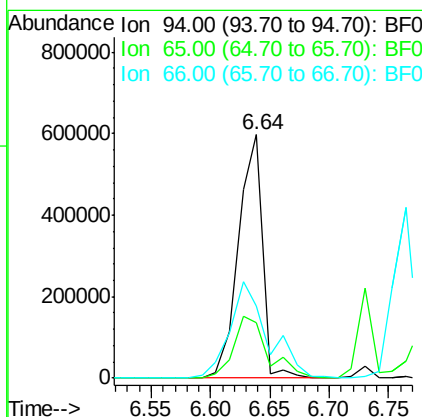
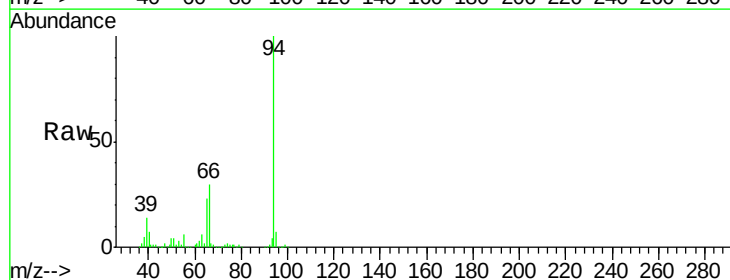
RT: 6.64 min Scan# 442

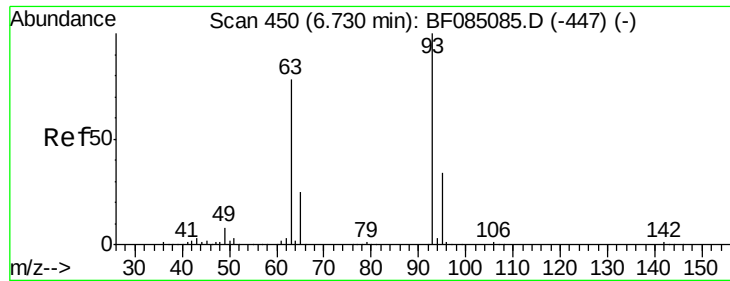
Delta R.T. 0.01 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion:	94	Resp:	845307
Ion Ratio	Lower	Upper	
94	100		
65	22.6	37.3	77.3#
66	29.6	84.1	124.1#





#11

bis(2-Chloroethyl)ether

Concen: 53.69 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

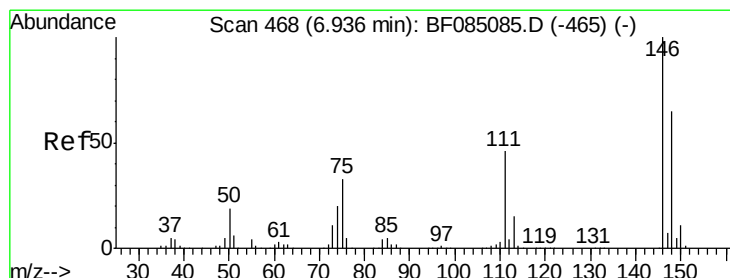
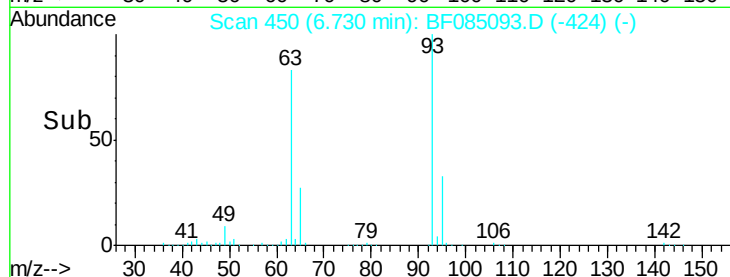
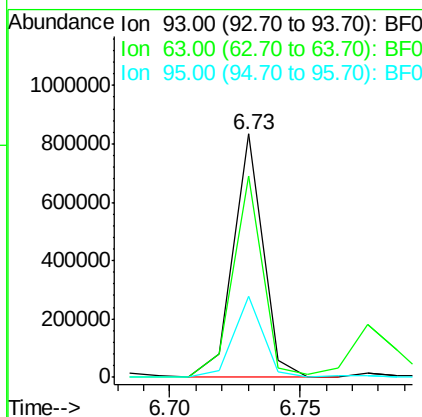
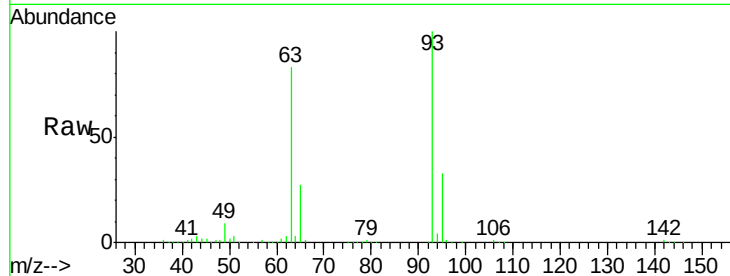
ClientSampled :

EP005MSD

Tot Ion:	93	Resp:	663389
Ion Ratio	Lower	Upper	
93	100		
63	82.5	53.6	93.6
95	33.1	10.1	50.1

Manual Integrations
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Sohil
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#12

1,3-Dichlorobenzene

Concen: 52.76 ng

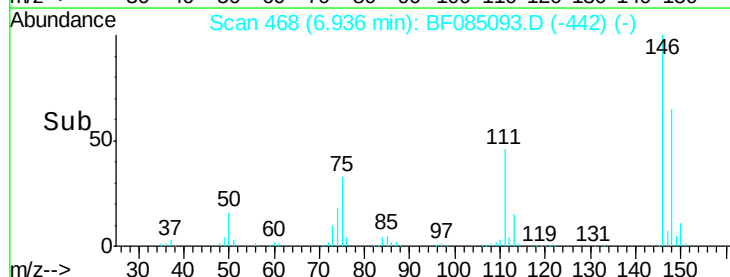
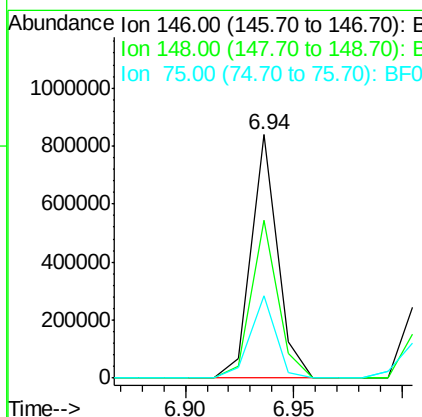
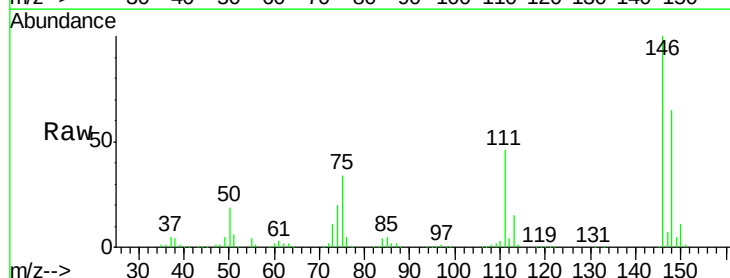
RT: 6.94 min Scan# 468

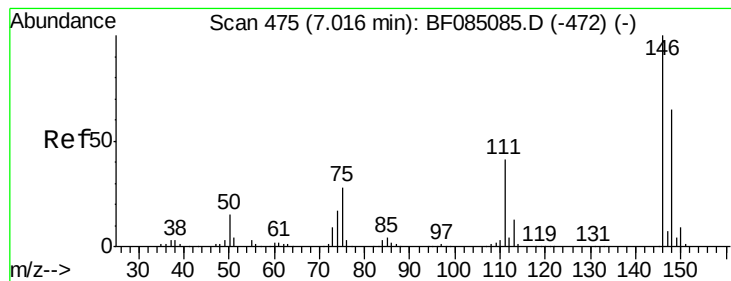
Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion:	146	Resp:	706864
Ion Ratio	Lower	Upper	
146	100		
148	64.6	53.1	79.7
75	33.8	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 55.78 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

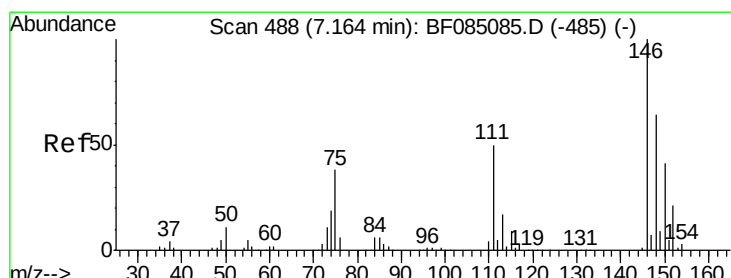
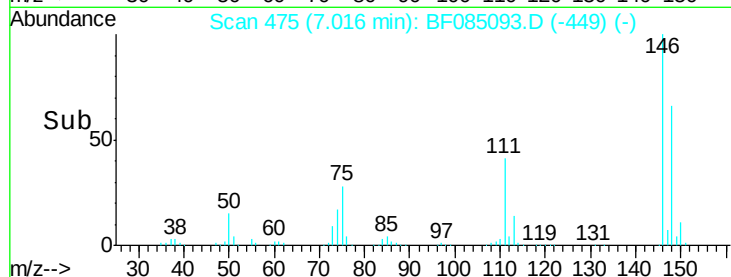
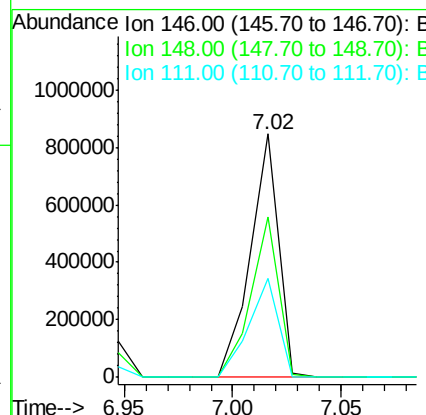
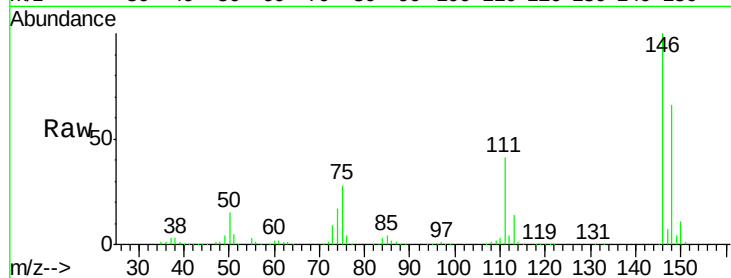
ClientSampleId :

EP005MSD

Tot Ion:	146	Resp:	758797
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.3	75.5
111	40.8	33.6	50.4

Manual Integrations
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2/19/2016 7:57:18 AM



#14

1,2-Dichlorobenzene

Concen: 51.46 ng

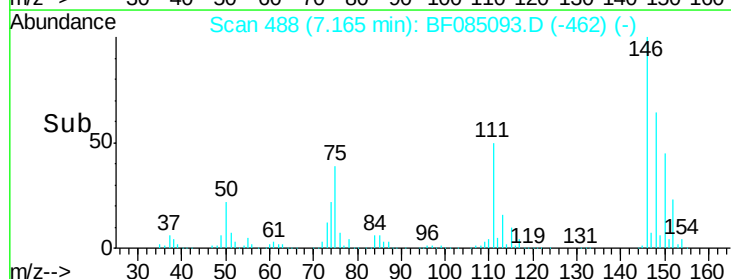
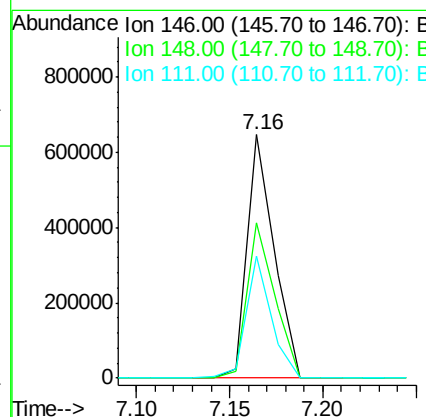
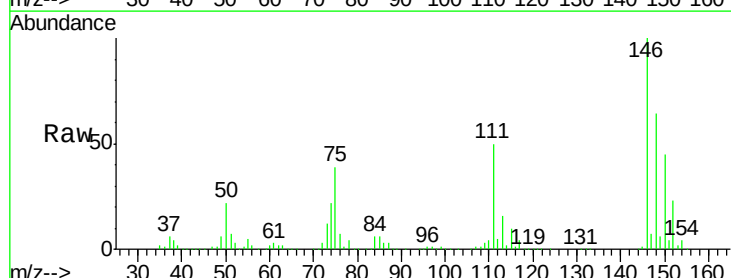
RT: 7.16 min Scan# 488

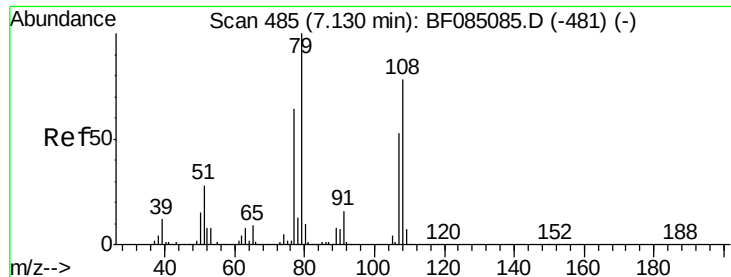
Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion:	146	Resp:	648266
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.5	77.3
111	50.2	36.5	54.7





#15

Benzyl Alcohol

Concen: 62.65 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

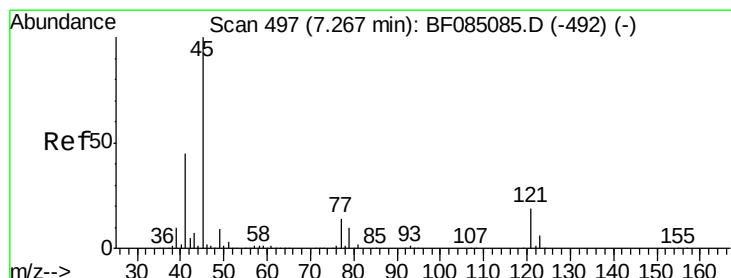
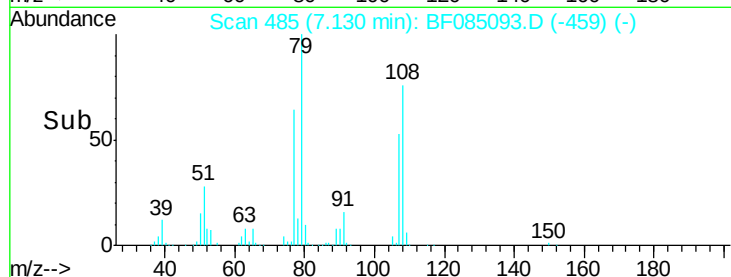
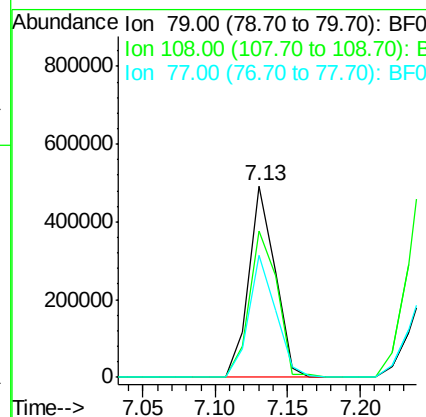
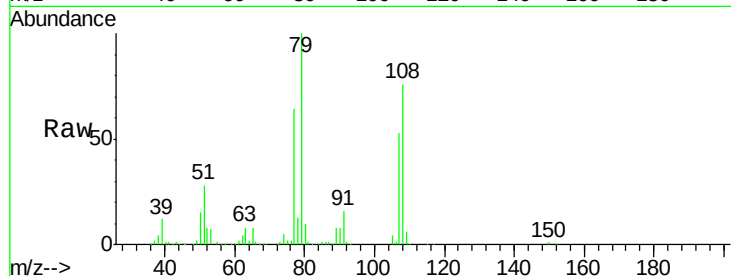
ClientSampleId :

EP005MSD

Tot Ion:	79	Resp:	622825
Ion Ratio	Lower	Upper	
79	100		
108	76.5	63.4	95.0
77	63.6	51.8	77.6

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-chloropropane)

Concen: 55.36 ng

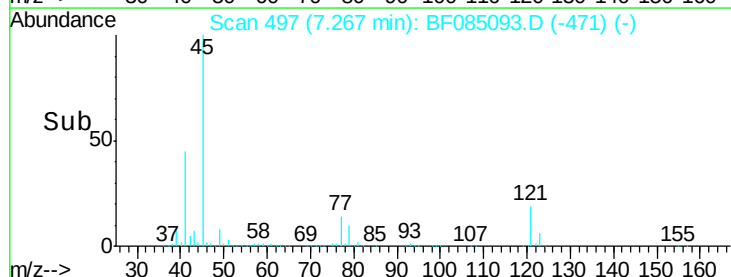
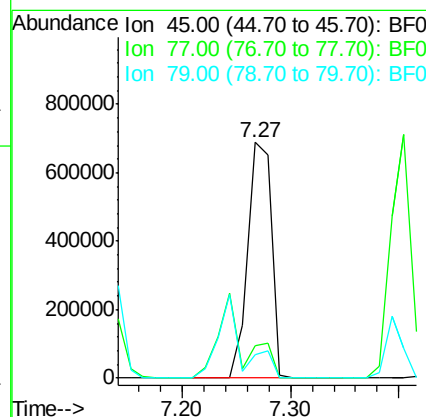
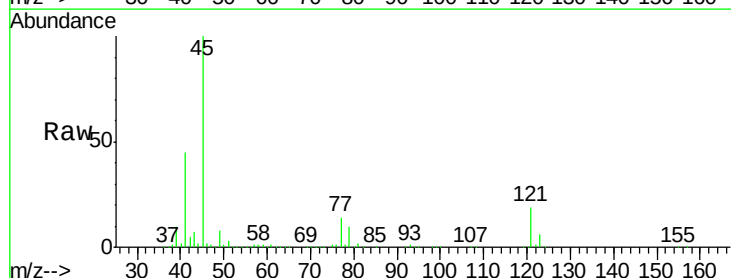
RT: 7.27 min Scan# 497

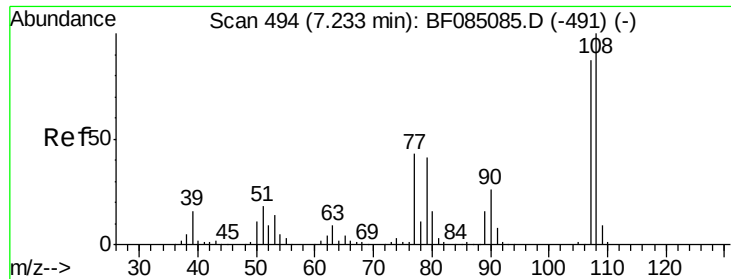
Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion:	45	Resp:	1033879
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	35.2
79	10.1	0.0	33.7





#17

2-Methylphenol

Concen: 61.17 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

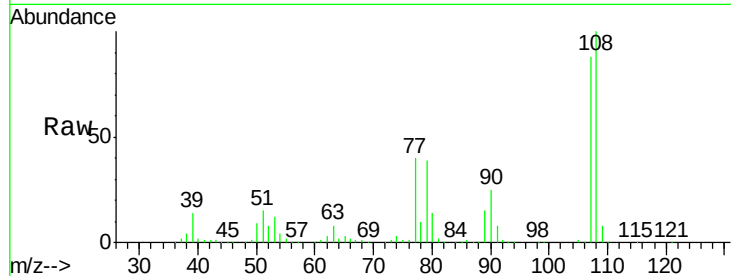
ClientSampled :

EP005MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	607650		
108	113.9	97.0	145.4	
77	45.3	50.5	75.7#	
79	44.1	50.1	75.1#	

Manual Integrations
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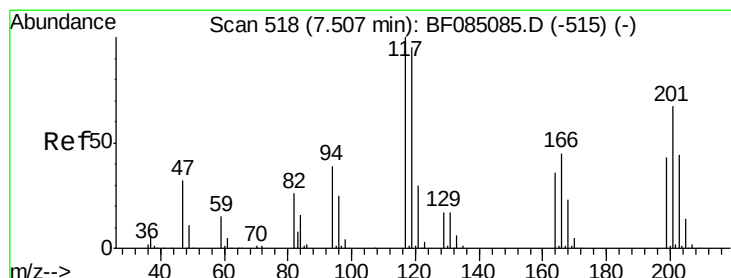
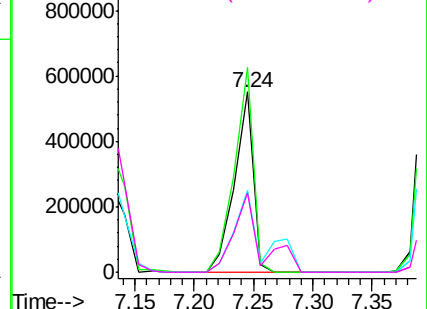
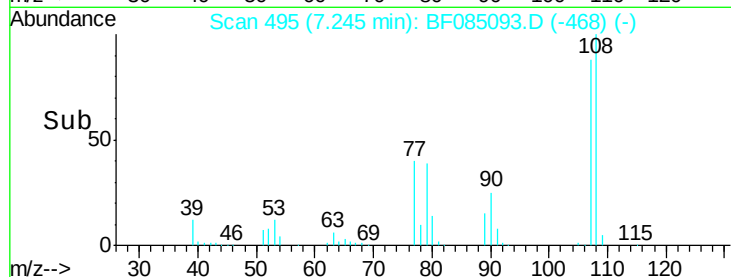


Abundance Ion 107.00 (106.70 to 107.70): E

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: 55.19 ng

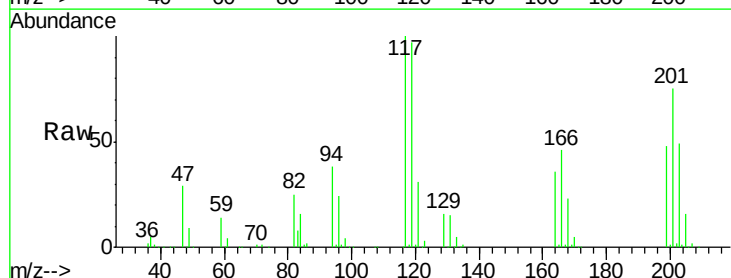
RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

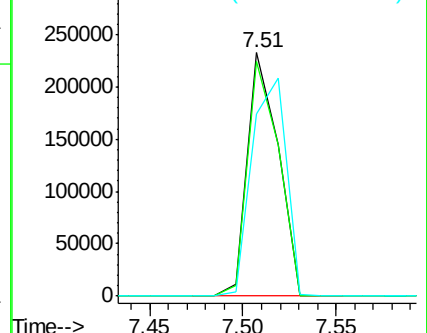
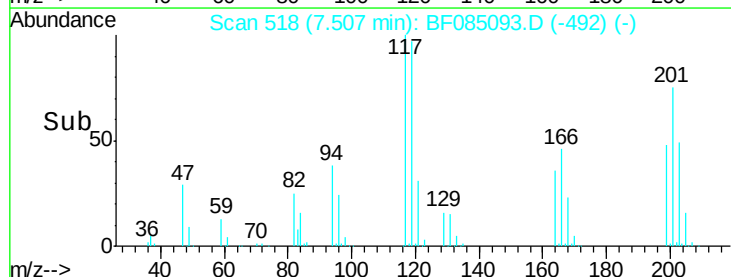
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	267577		
119	96.6	74.5	111.7	
201	74.9	80.9	121.3#	

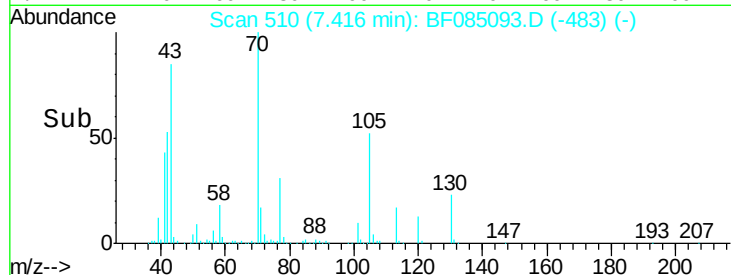
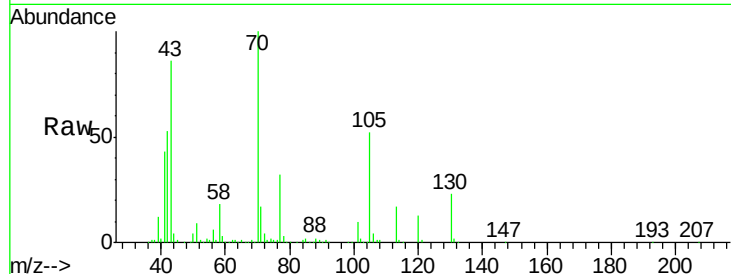
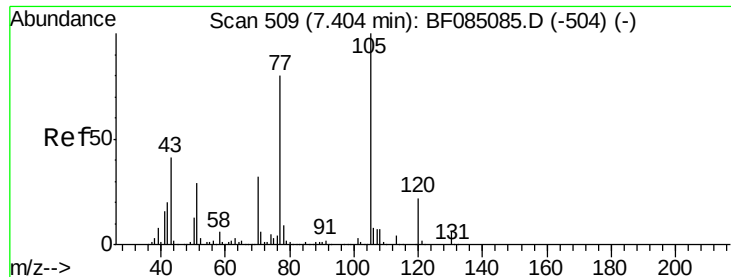


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





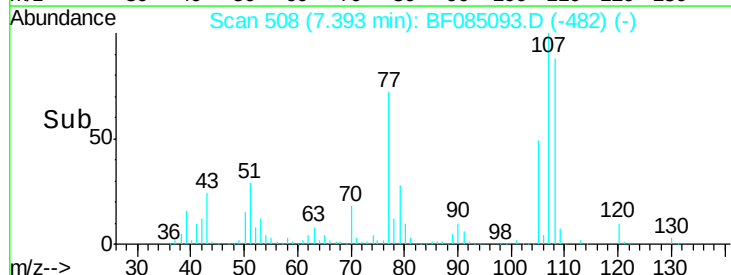
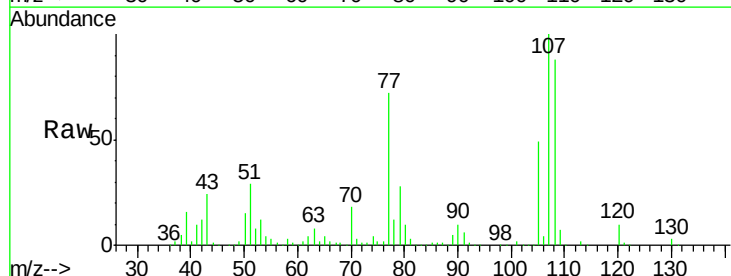
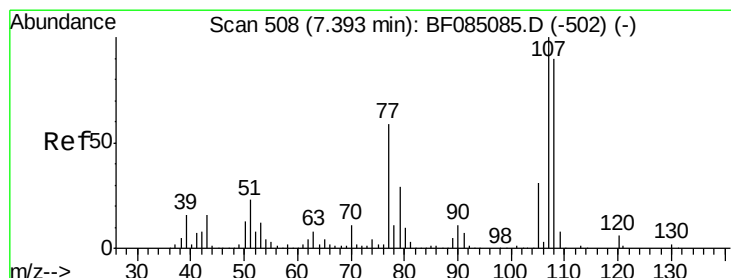
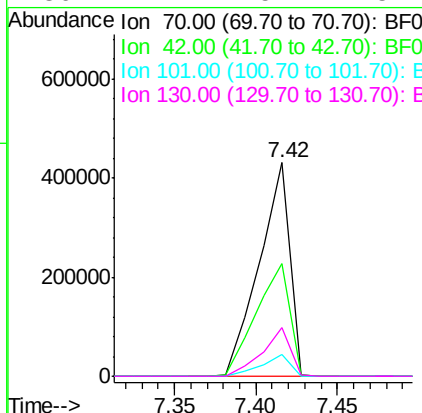
#19
n-Nitroso-di-n-propylamine
Concen: 60.84 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.9	55.8	83.6#
101	10.0	7.7	11.5
130	22.7	15.4	23.2

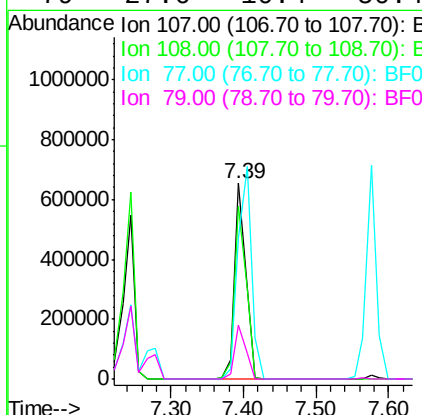
Manual Integrations
APPROVED

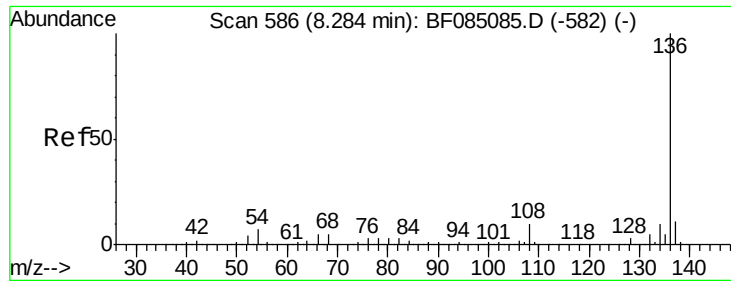
Sohil
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#20
3+4-Methylphenols
Concen: 56.88 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	74.4	114.4
77	72.4	46.9	86.9
79	27.6	10.4	50.4





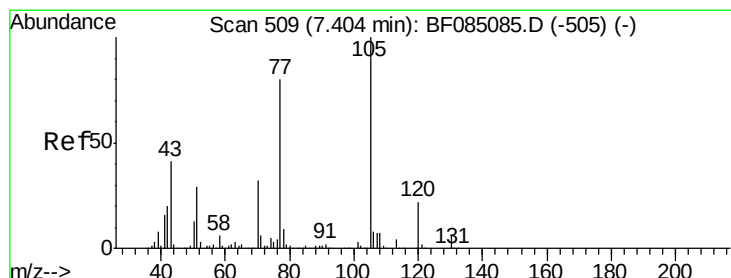
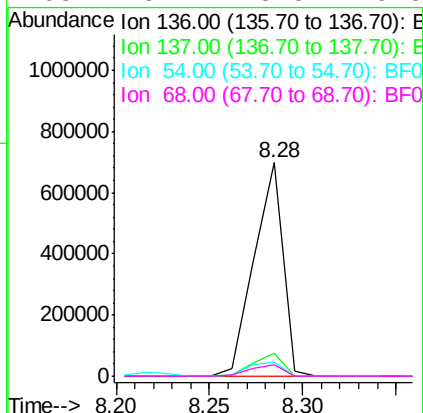
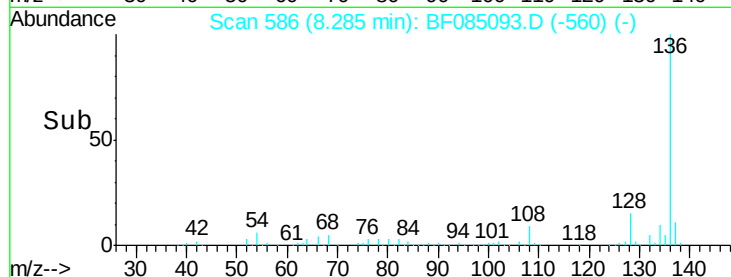
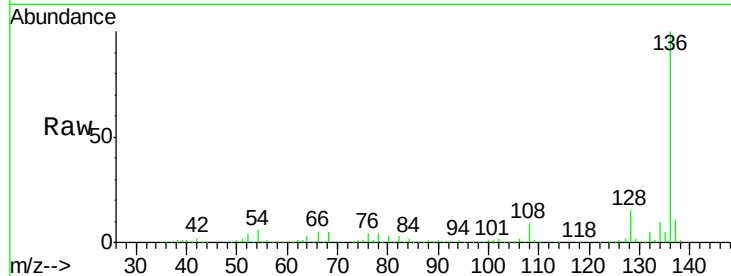
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampled :
EP005MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	8.9	13.3		
54	6.3	6.1	9.1		
68	5.1	3.5	5.3		

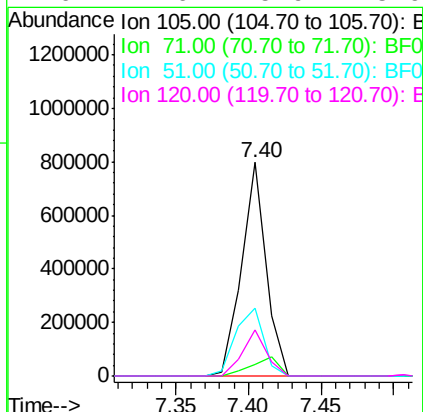
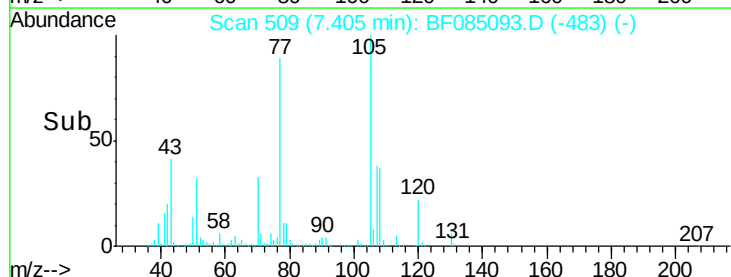
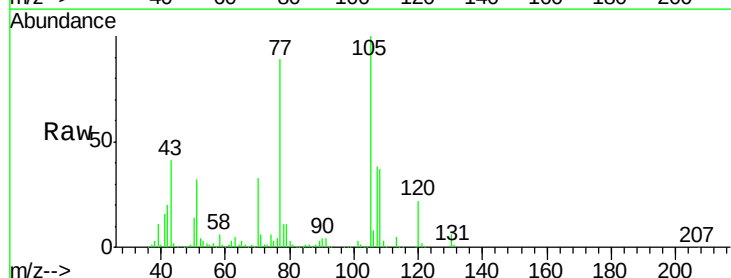
Manual Integrations
APPROVED

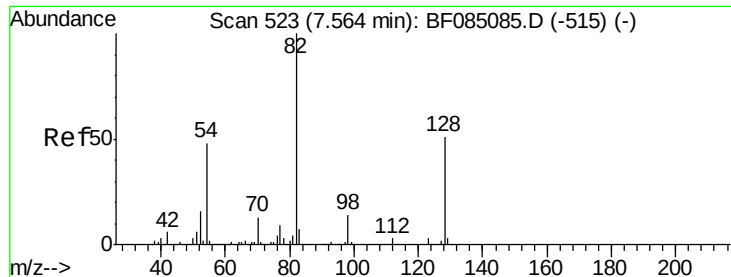
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#22
Acetophenone
Concen: 49.24 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.6	7.5	11.3#		
51	31.6	23.1	34.7		
120	21.6	15.9	23.9		





#23

Nitrobenzene-d5

Concen: 123.74 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

EP005MSD

Tot Ion: 82 Resp: 1533715

Ion Ratio Lower Upper

82 100

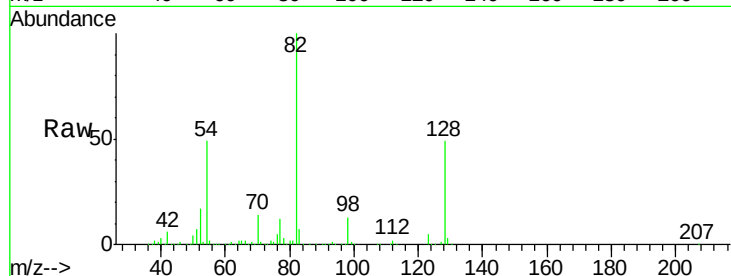
128 49.4 36.8 55.2

54 49.3 44.4 66.6

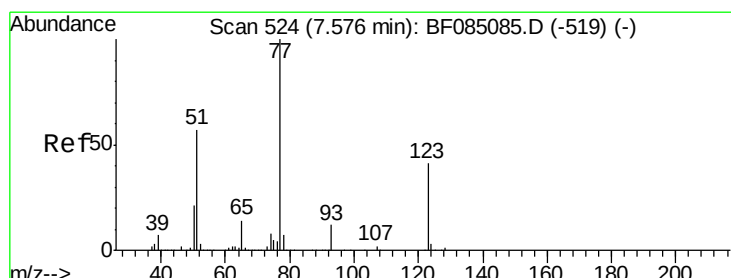
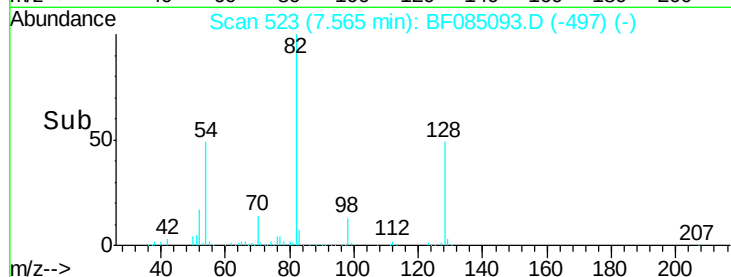
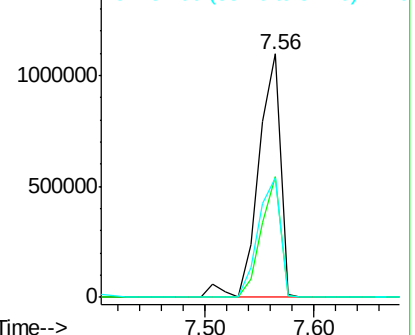
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
1500000
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 54.48 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

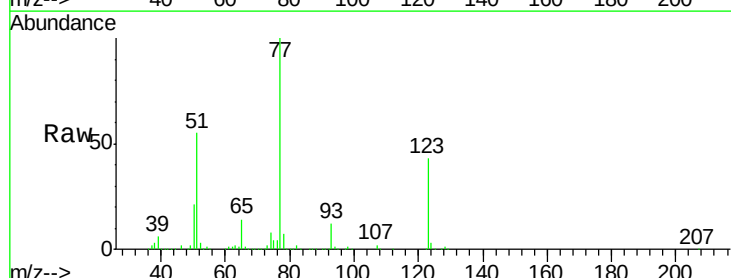
Tgt Ion: 77 Resp: 690577

Ion Ratio Lower Upper

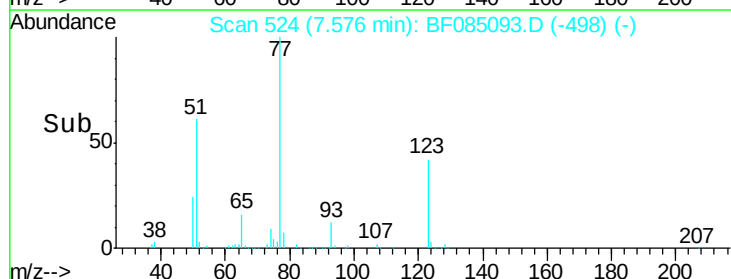
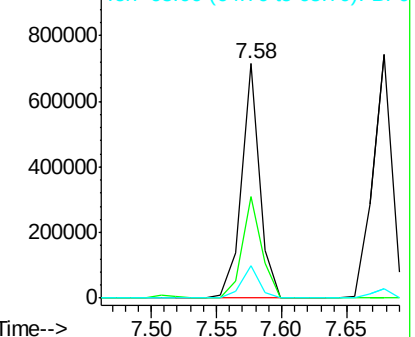
77 100

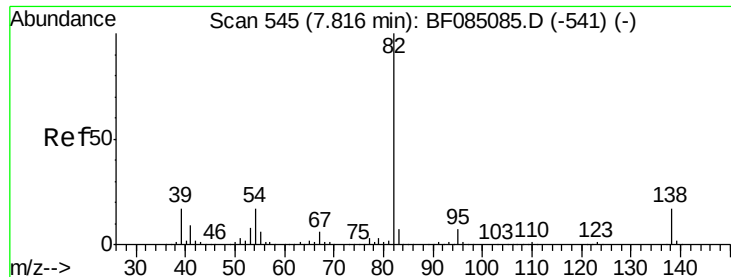
123 43.3 36.5 54.7

65 13.9 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
1000000
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 53.55 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

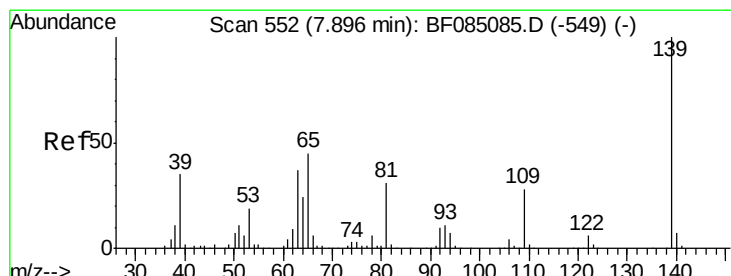
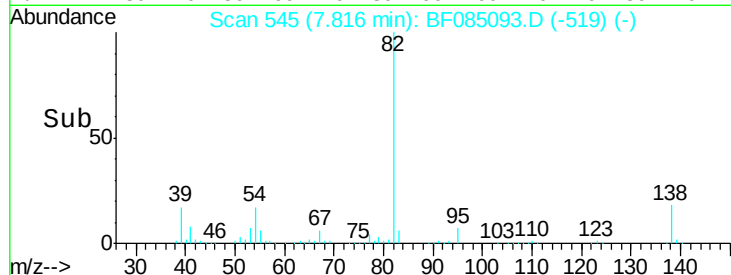
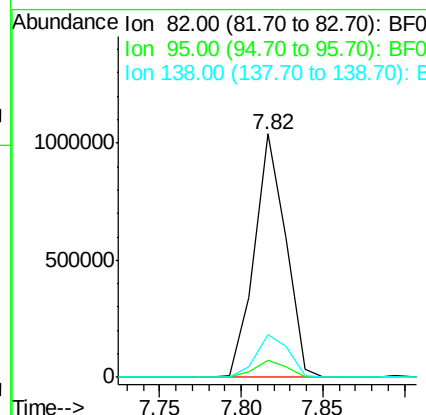
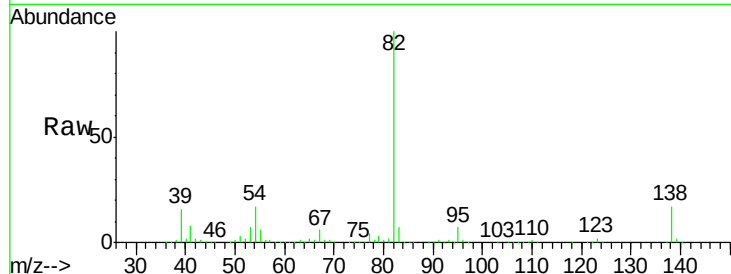
ClientSampled :

EP005MSD

Tot Ion:	82	Resp:	1387123
Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.1	9.1
138	17.4	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 65.84 ng

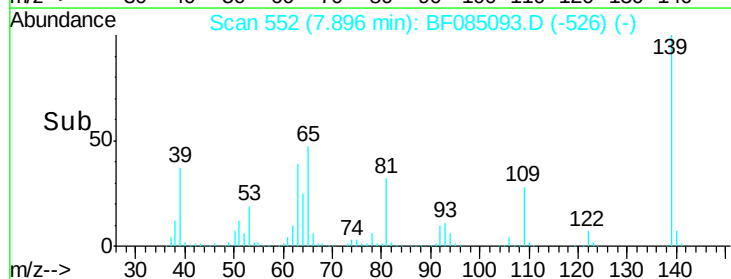
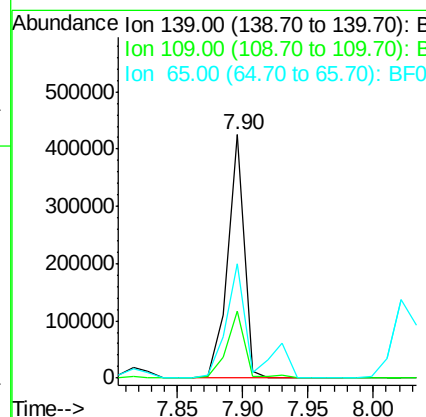
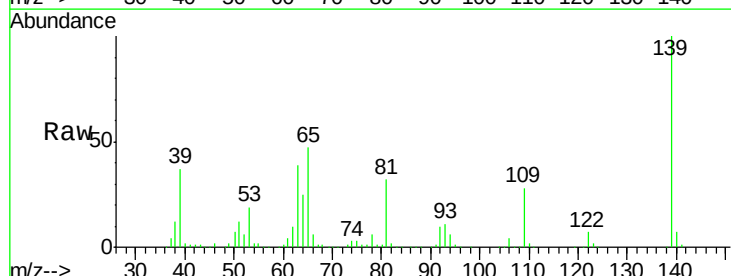
RT: 7.90 min Scan# 552

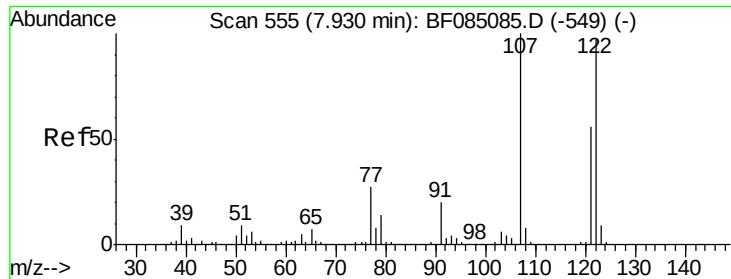
Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion:	139	Resp:	378338
Ion	Ratio	Lower	Upper
139	100		
109	27.7	23.4	35.2
65	47.1	42.3	63.5





#27

2,4-Dimethylphenol

Concen: 58.90 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

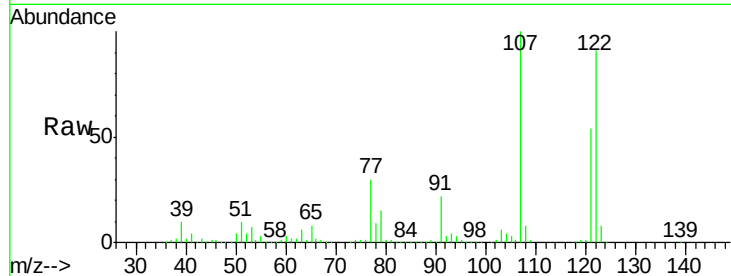
ClientSampleId :

EP005MSD

Tot Ion:	122	Resp:	724898
Ion Ratio	Lower	Upper	
122	100		
107	109.4	91.8	137.8
121	59.0	45.0	67.4

Manual Integrations
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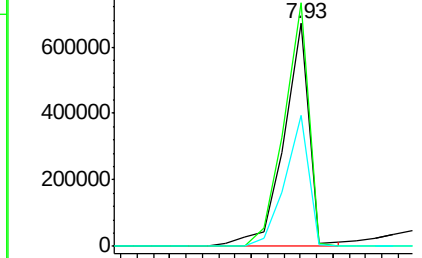
Sohil
2/19/2016 7:57:18 AM



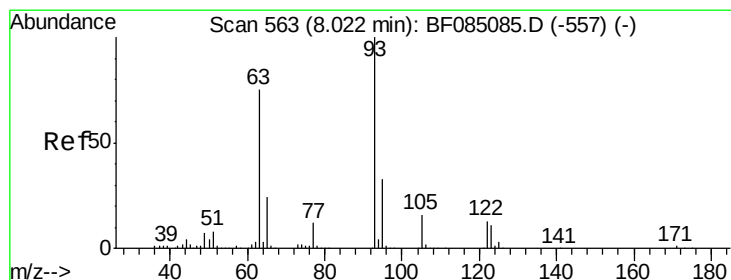
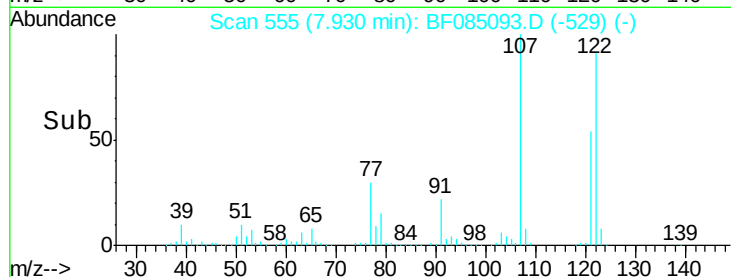
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 55.55 ng

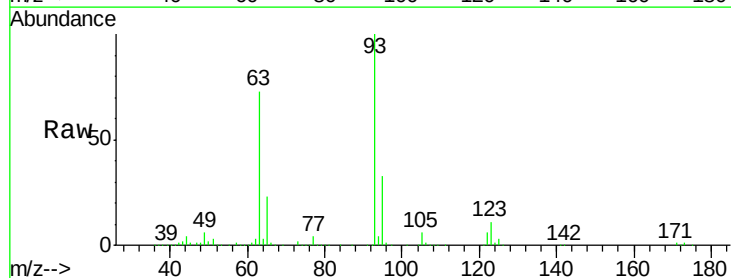
RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

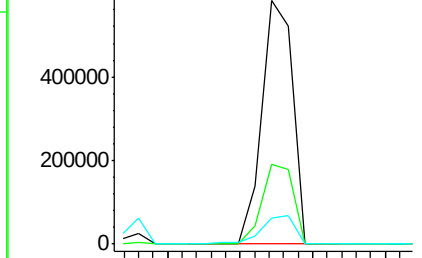
Tgt Ion:	93	Resp:	853286
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.6	38.4
123	10.8	8.7	13.1



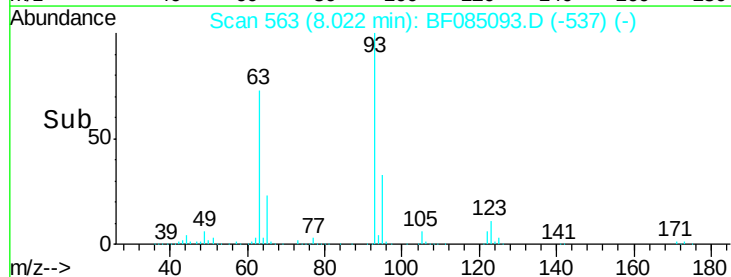
Abundance Ion 93.00 (92.70 to 93.70): BF0

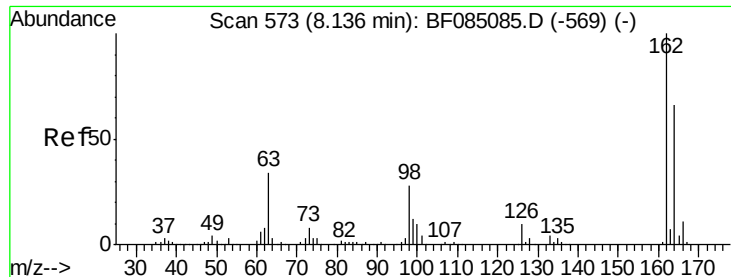
Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E



Time-->





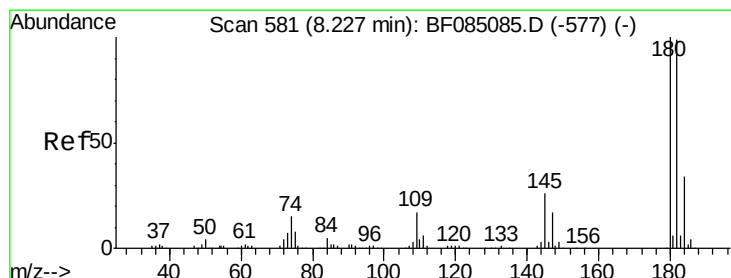
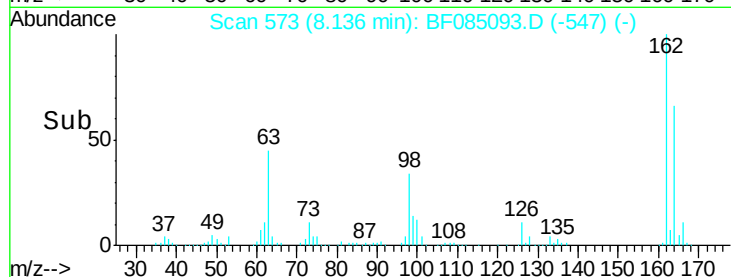
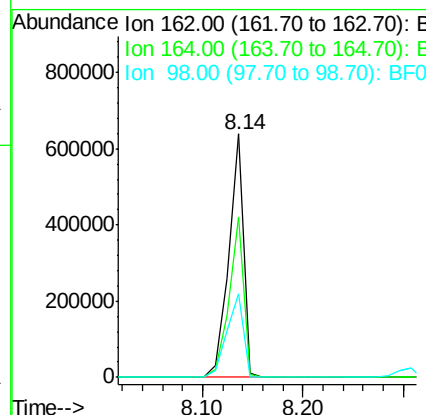
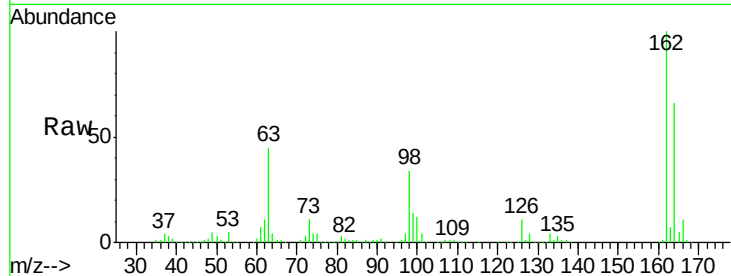
#29
 2,4-Dichlorophenol
 Concen: 61.16 ng
 RT: 8.14 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 EP005MSD

Tot Ion:	162	Resp:	648600
Ion Ratio	Lower	Upper	
162	100		
164	65.9	42.8	82.8
98	34.3	17.6	57.6

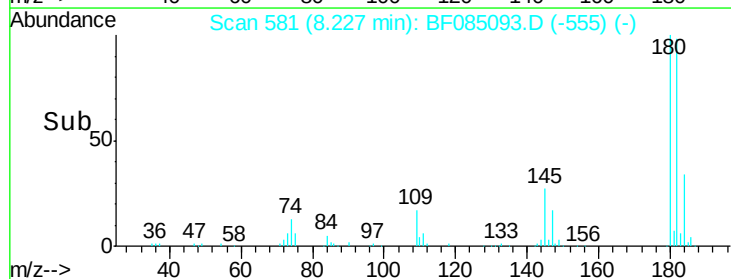
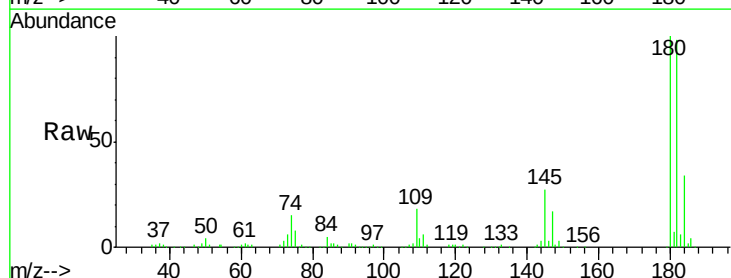
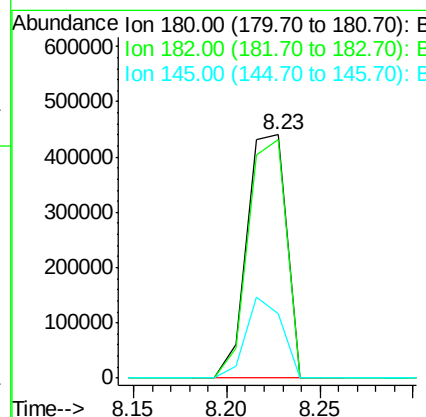
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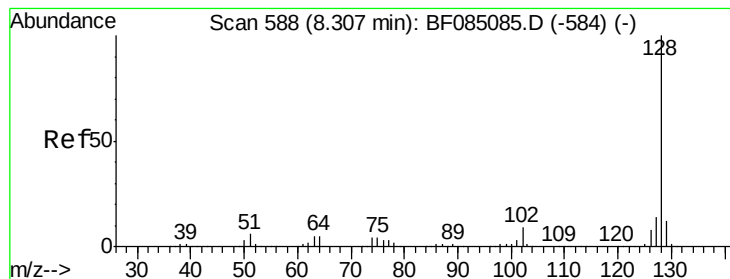
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.94 ng
 RT: 8.23 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion:	180	Resp:	639826
Ion Ratio	Lower	Upper	
180	100		
182	98.2	75.8	113.8
145	26.6	25.9	38.9





#31

Naphthalene

Concen: 55.02 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

EP005MSD

Tot Ion:128 Resp: 2008838

Ion Ratio Lower Upper

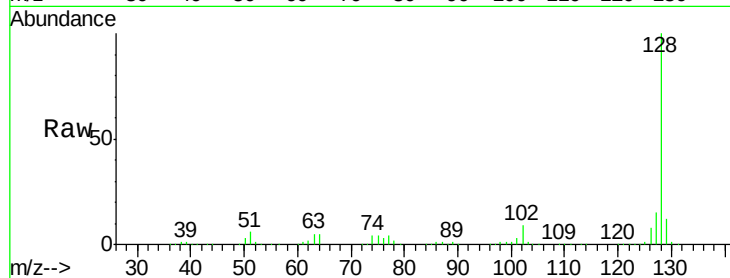
128 100

129 12.0 9.2 13.8

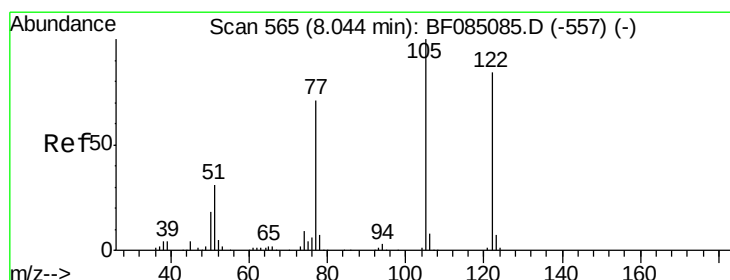
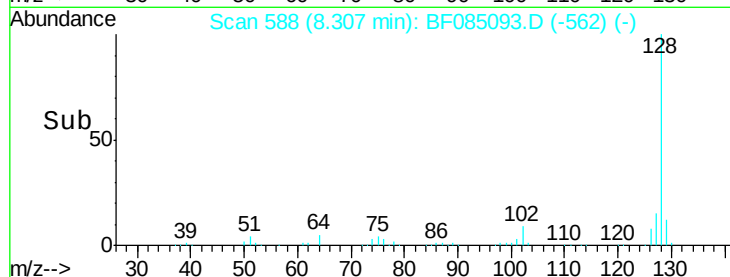
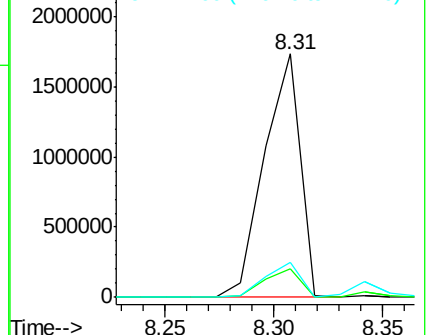
127 14.5 10.3 15.5

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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: 21.17 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.03 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

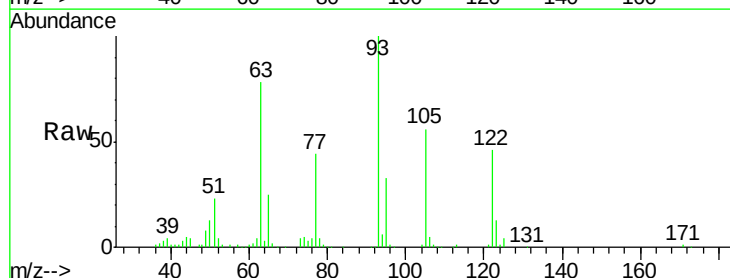
Tgt Ion:122 Resp: 155743

Ion Ratio Lower Upper

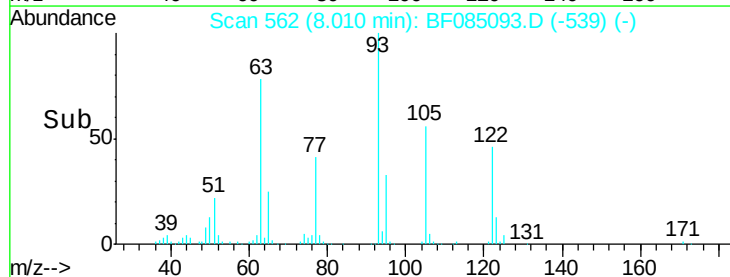
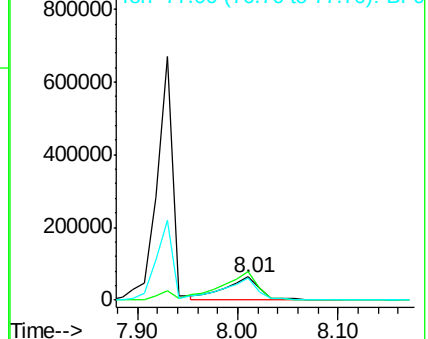
122 100

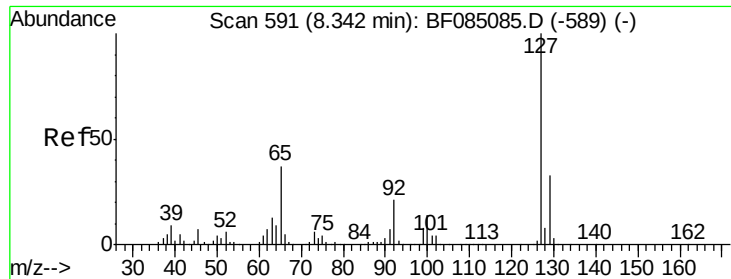
105 120.9 101.3 141.3

77 95.0 70.0 110.0



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





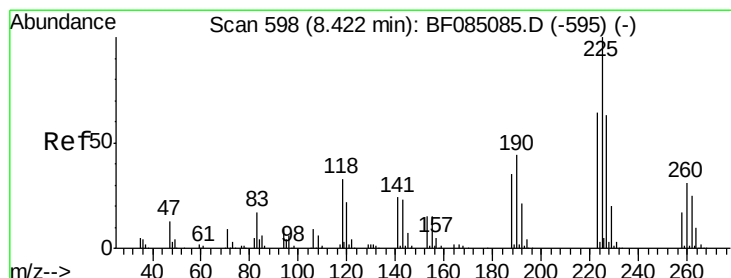
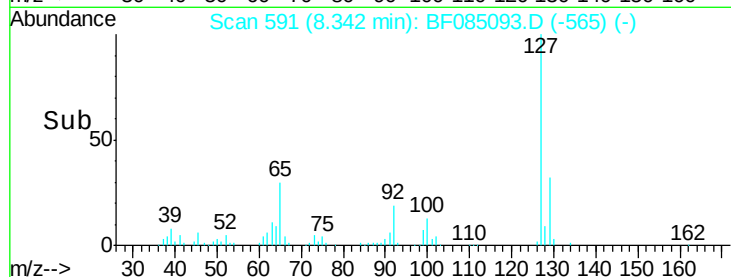
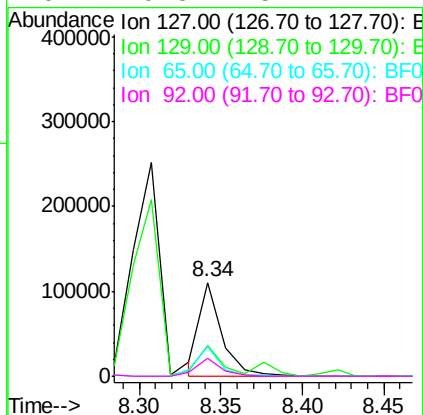
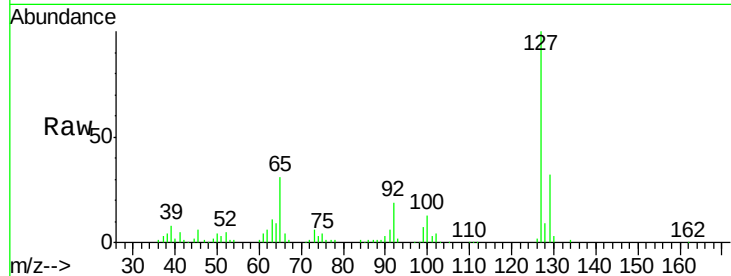
#33
4-Chloroaniline
Concen: 6.78 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.6	39.8		
65	30.8	24.7	37.1		
92	19.3	15.1	22.7		

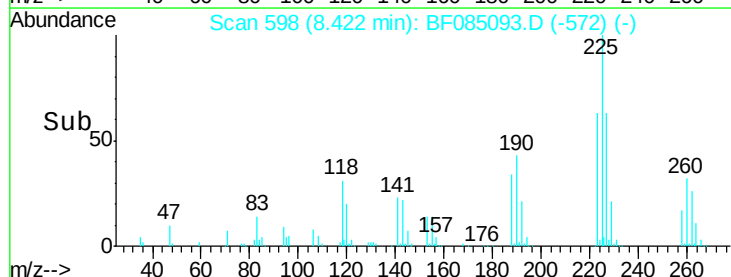
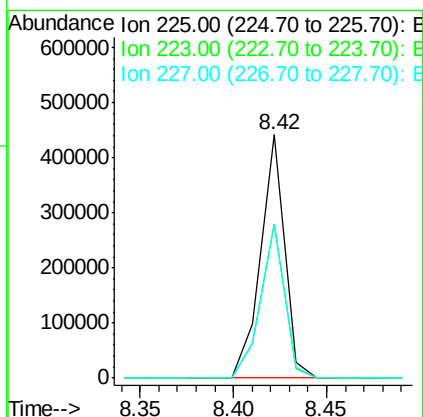
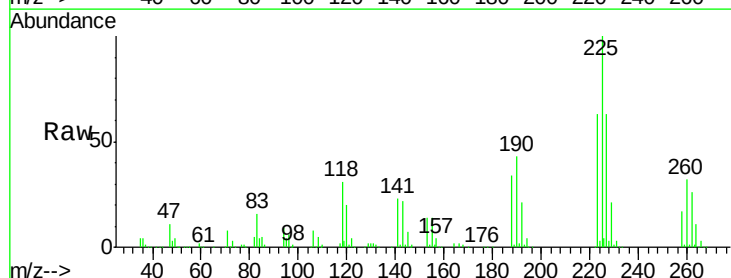
Manual Integrations
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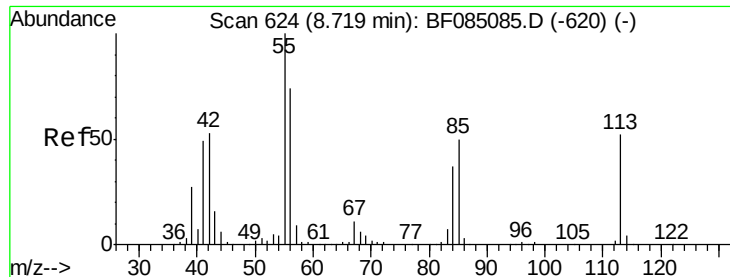
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#34
Hexachlorobutadiene
Concen: 53.39 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	48.6	73.0		
227	63.3	48.9	73.3		





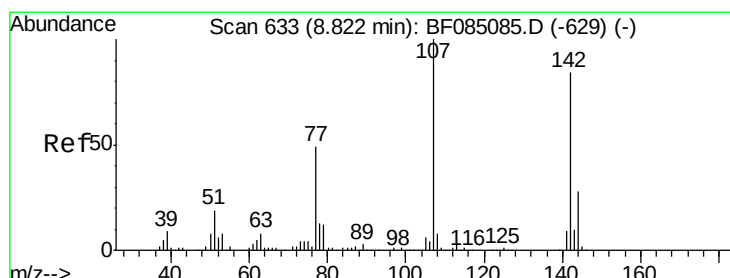
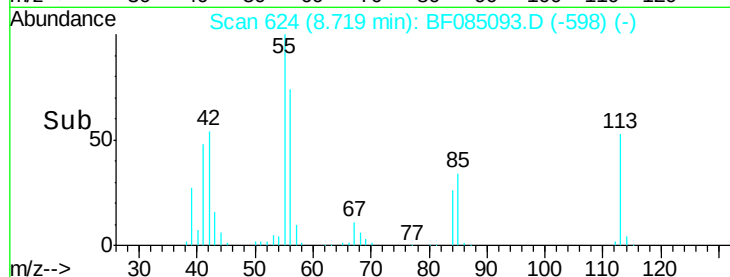
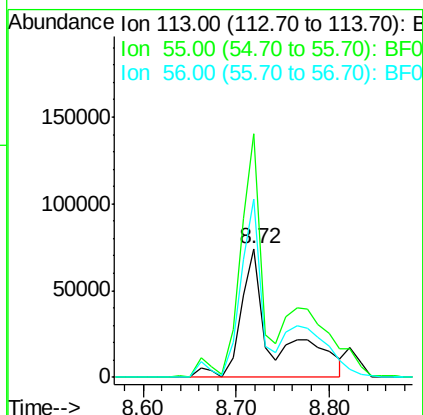
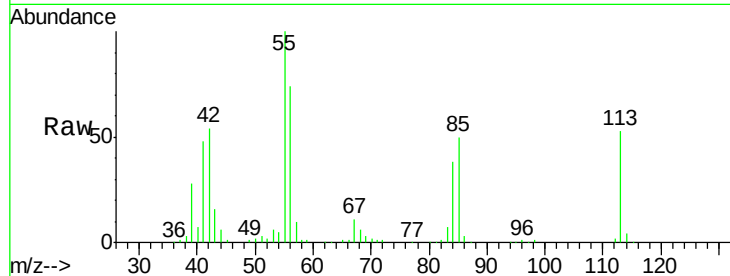
#35
 Caprolactam
 Concen: 59.49 ng/ml
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 EP005MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.9	173.1	213.1
56	138.9	132.9	172.9

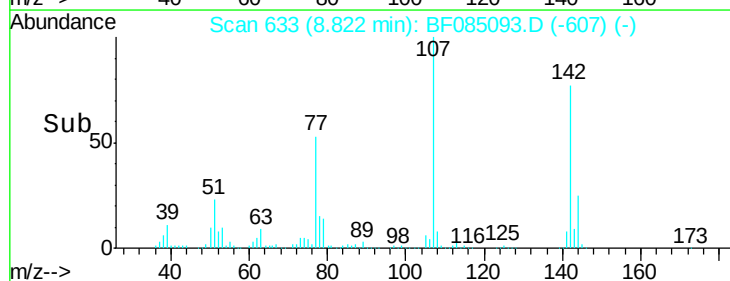
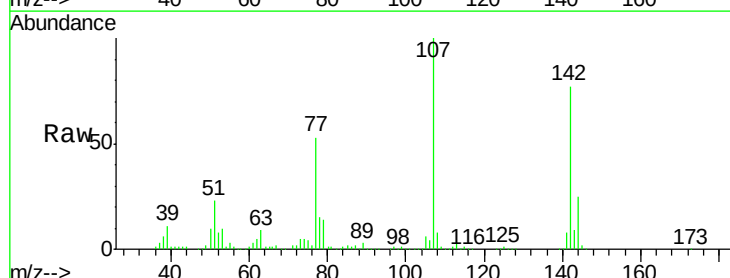
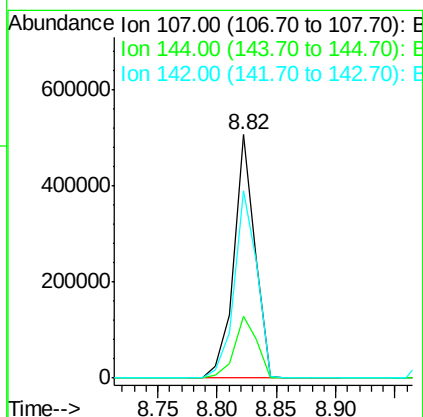
Manual Integrations
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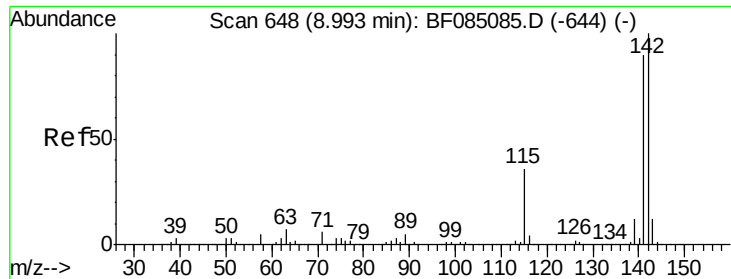
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#36
 4-Chloro-3-methylphenol
 Concen: 54.93 ng/ml
 RT: 8.82 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.2	28.8
142	77.0	60.6	91.0





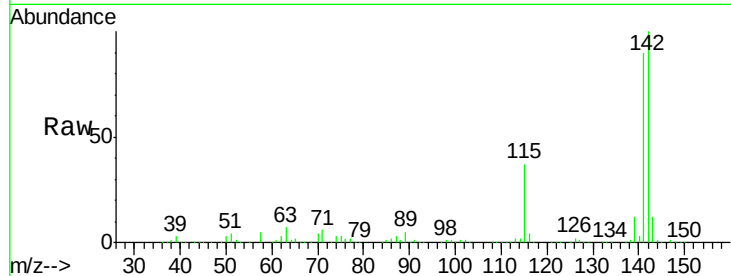
#37
2-Methylnaphthalene
Concen: 55.58 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

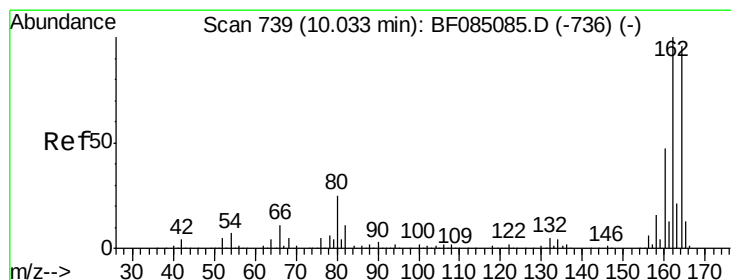
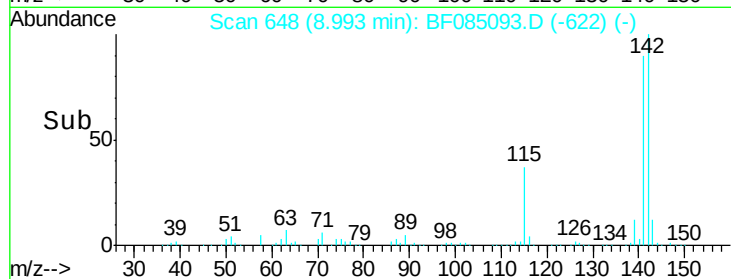
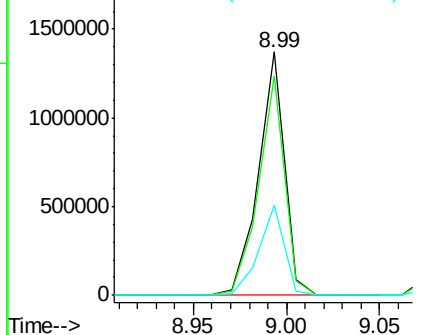
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	69.6	104.4
115	36.8	27.9	41.9

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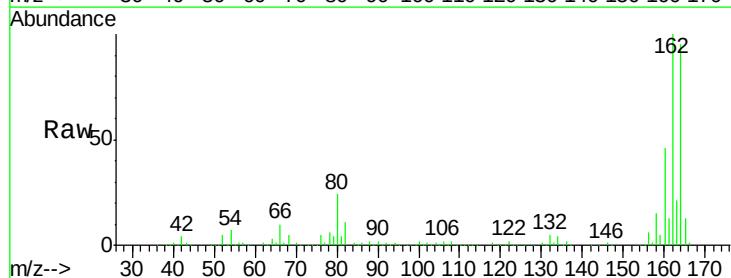


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

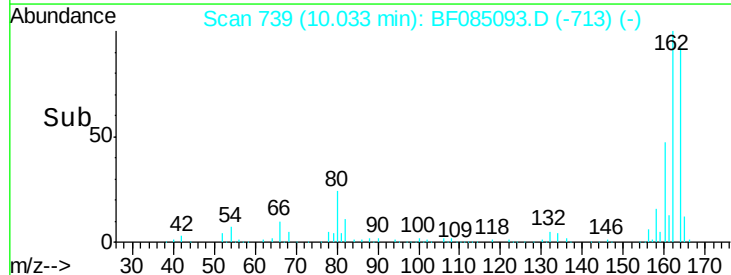
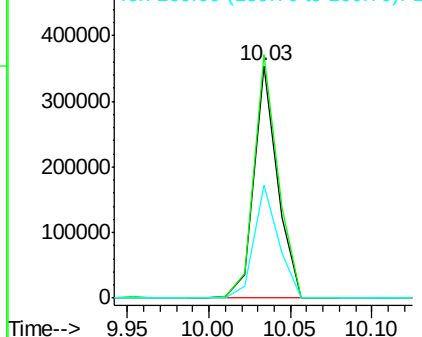


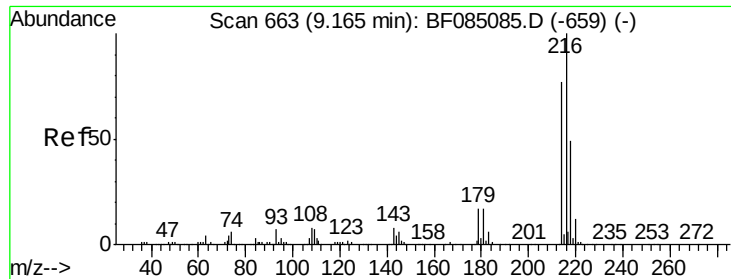
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.1	121.7
160	48.7	37.4	56.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.30 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

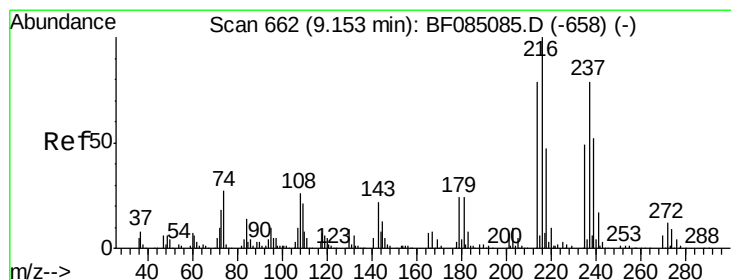
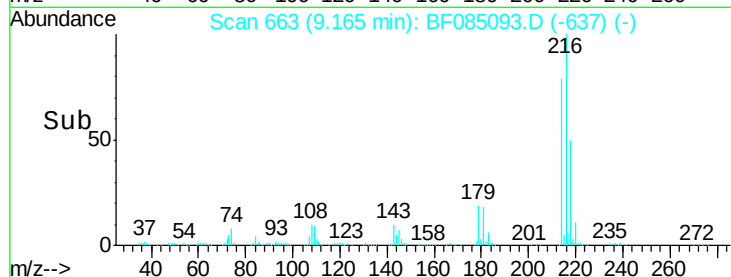
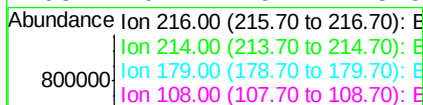
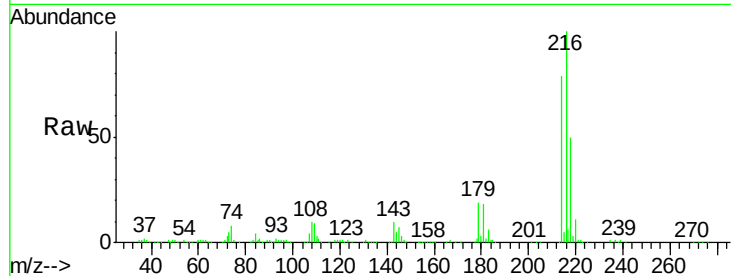
ClientSampleId :

EP005MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		653959		
214	79.0		62.2	93.2	
179	20.5		18.1	27.1	
108	19.2		15.7	23.5	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 117.24 ng

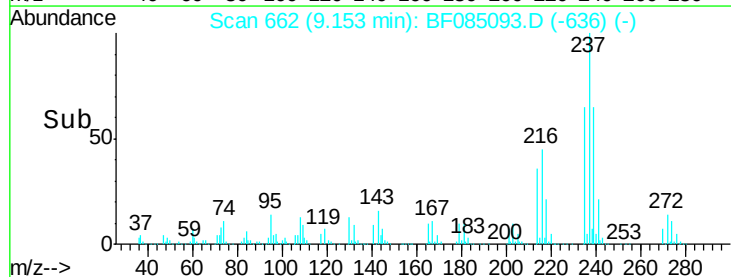
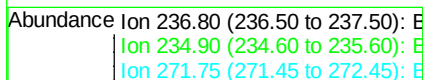
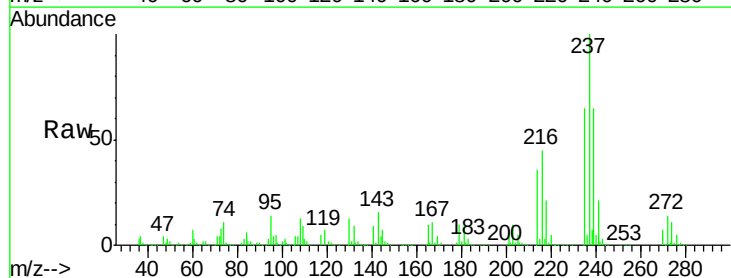
RT: 9.15 min Scan# 662

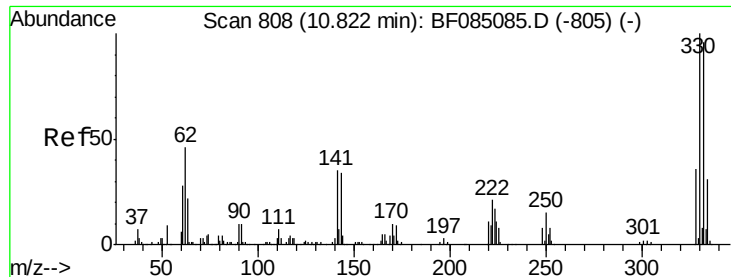
Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		756994		
235	64.5		44.8	84.8	
272	13.8		0.0	31.8	





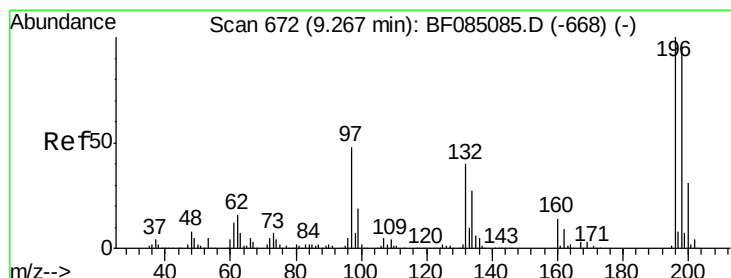
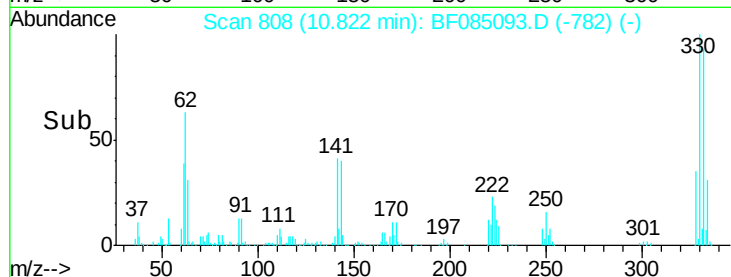
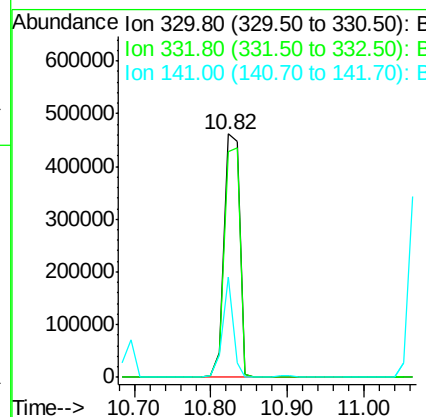
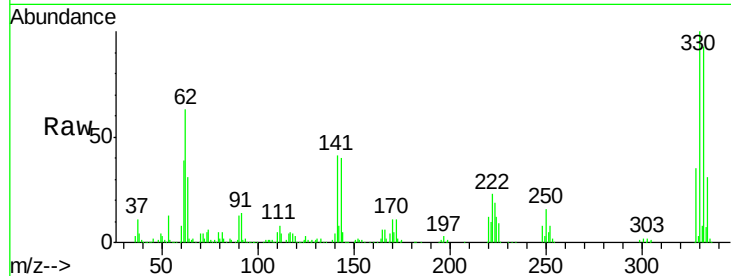
#41
 2,4,6-Tribromophenol
 Concen: 177.08 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 EP005MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	665302		
332	95.3		78.5	117.7
141	27.5		28.6	42.8#

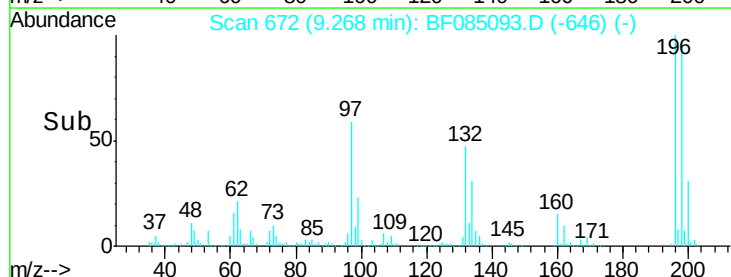
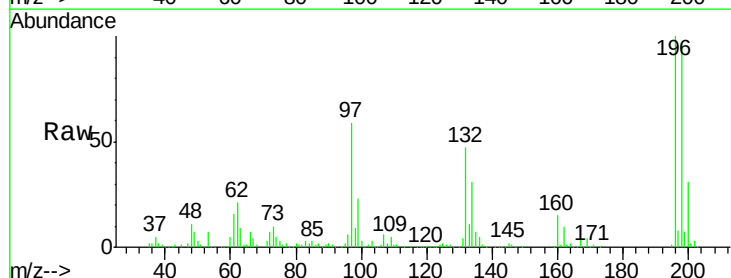
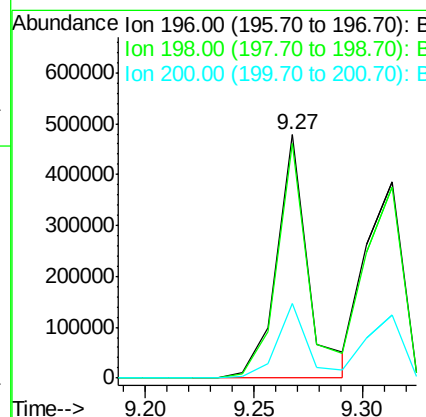
Manual Integrations
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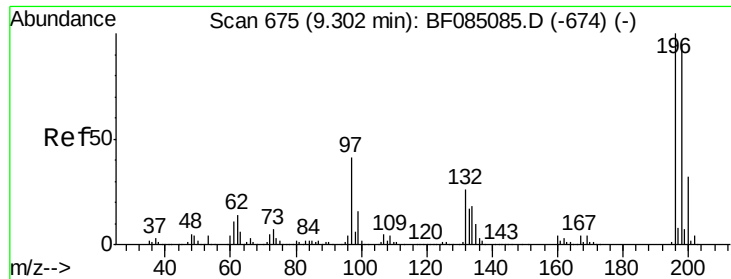
Sohil
 2/19/2016 7:57:18 AM



#42
 2,4,6-Trichlorophenol
 Concen: 63.43 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	485145		
198	96.6		81.0	121.6
200	30.9		26.3	39.5





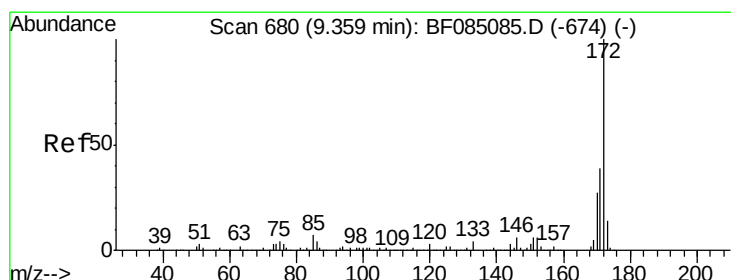
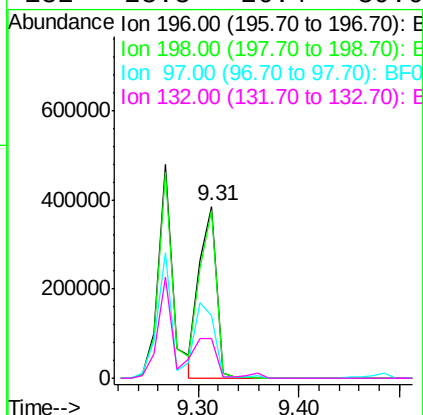
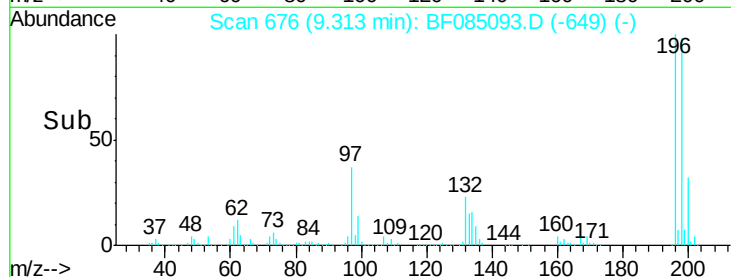
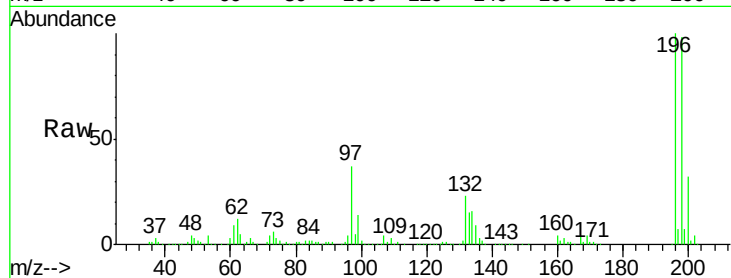
#43
 2,4,5-Trichlorophenol
 Concen: 60.30 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 EP005MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	454433		
198	97.7	79.7	119.5	
97	36.7	47.0	70.4	
132	23.3	26.4	39.6	

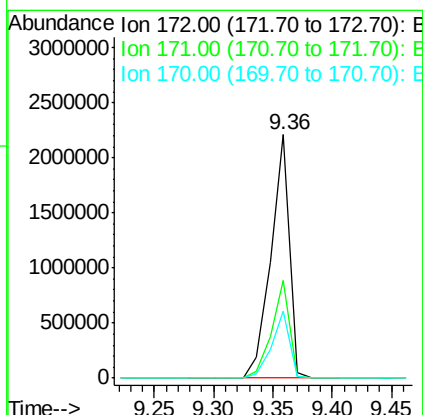
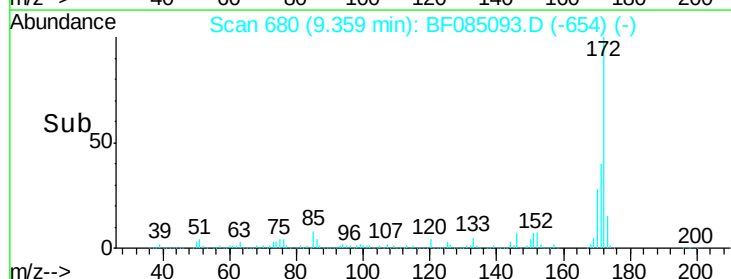
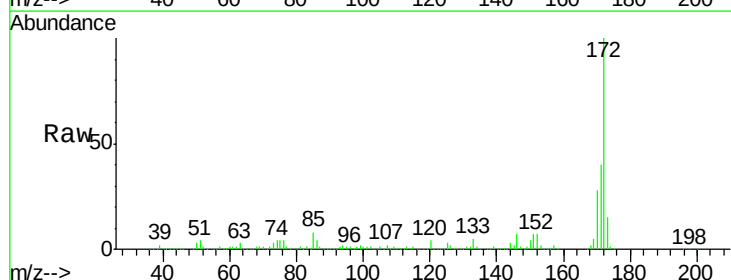
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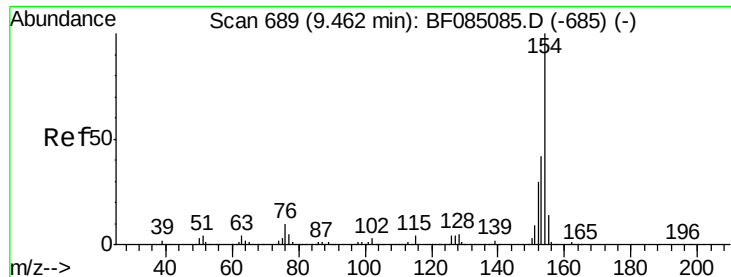
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 100.24 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2400538		
171	39.9	29.1	43.7	
170	27.6	19.6	29.4	





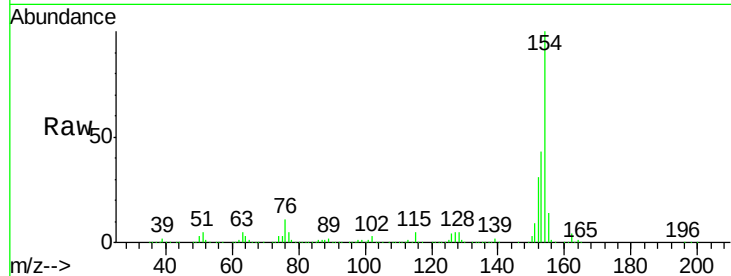
#45
 1,1'-Biphenyl
 Concen: 55.91 ng
 RT: 9.46 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 EP005MSD

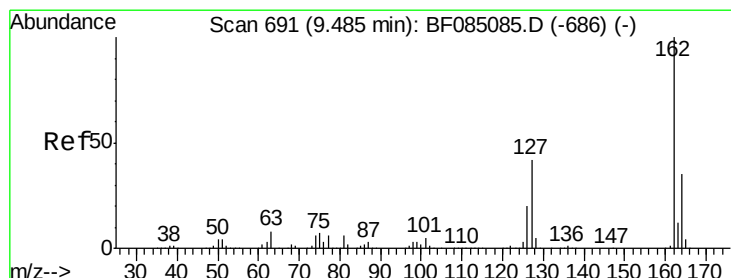
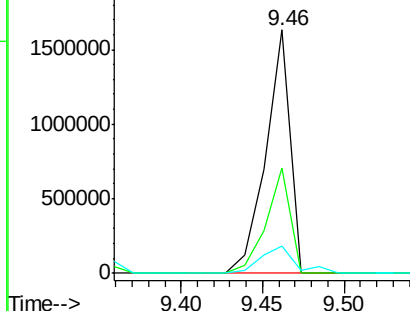
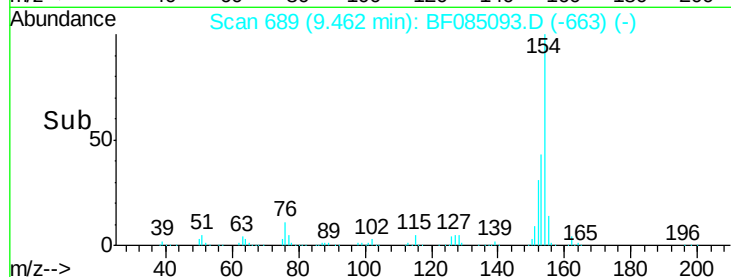
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	19.9	59.9
76	11.1	0.0	31.6

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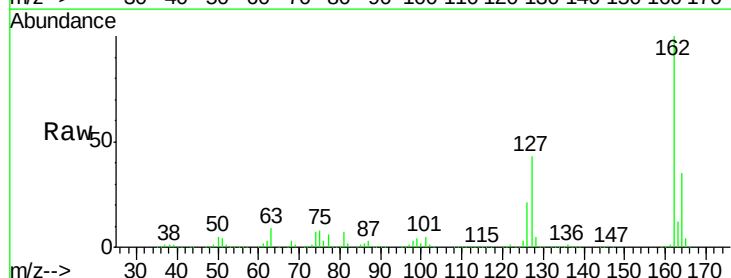


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

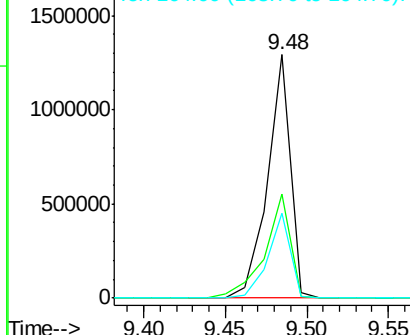
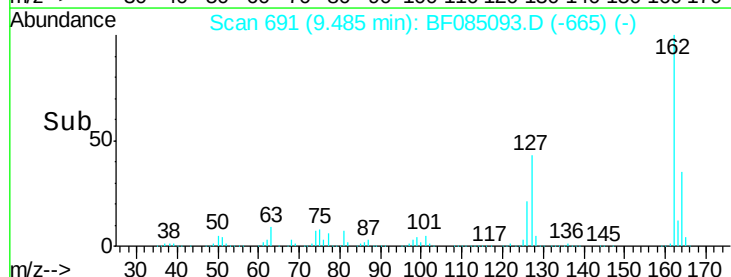


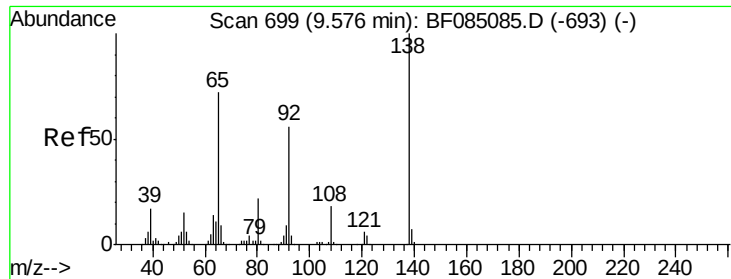
#46
 2-Chloronaphthalene
 Concen: 56.75 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	34.8	52.2
164	34.8	25.8	38.6



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: 60.08 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

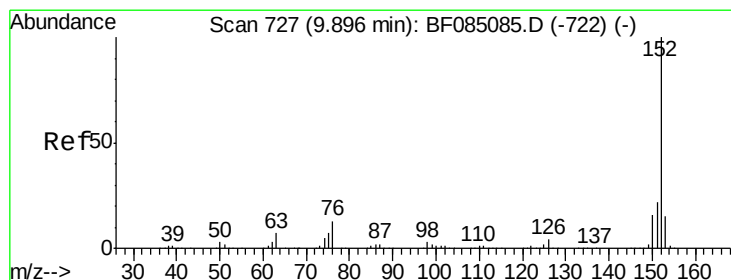
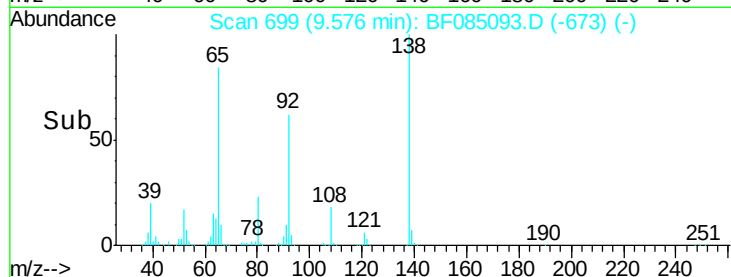
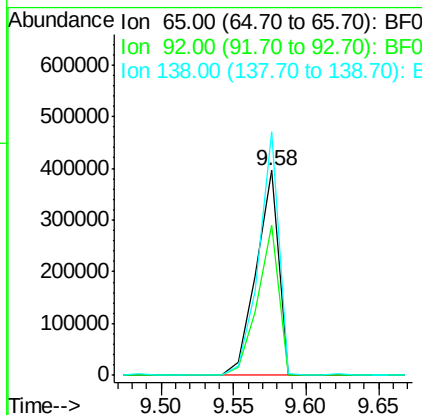
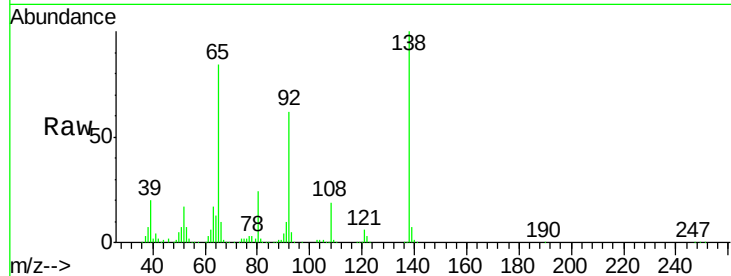
ClientSampleId :

EP005MSD

Tot Ion:	65	Resp:	422260
Ion	Ratio	Lower	Upper
65	100		
92	73.5	57.1	85.7
138	118.9	86.8	130.2

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#48

Acenaphthylene

Concen: 52.44 ng

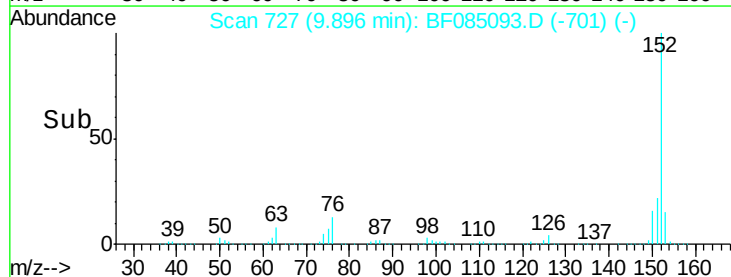
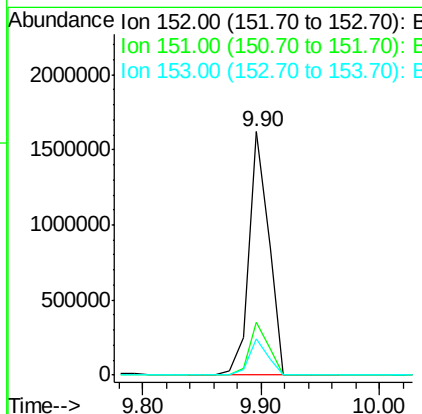
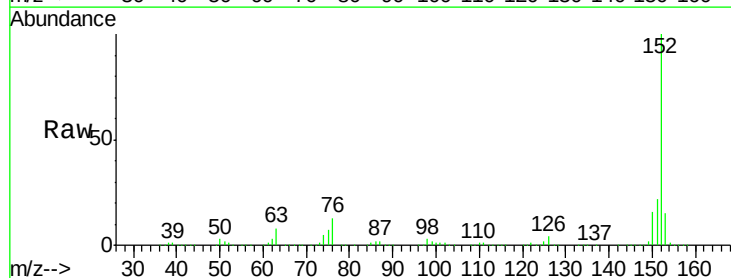
RT: 9.90 min Scan# 727

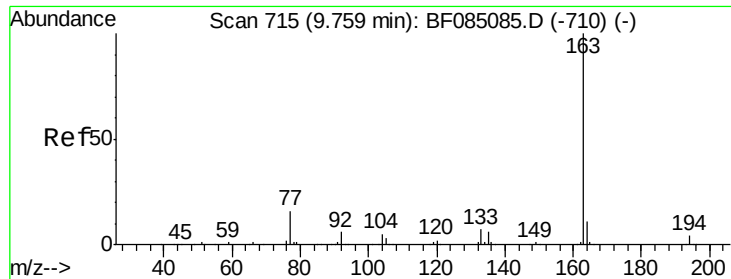
Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion:	152	Resp:	1888121
Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.0	24.0
153	14.8	11.1	16.7





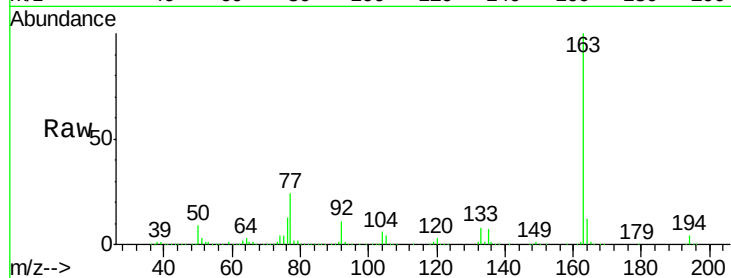
#49
Dimethylphthalate
Concen: 68.89 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

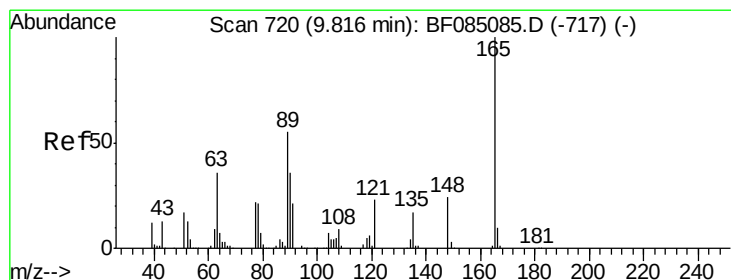
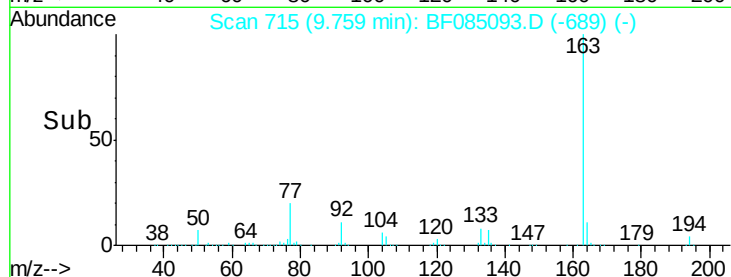
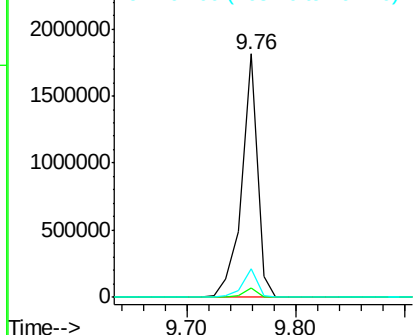
Tot Ion:163 Resp: 1789282
Ion Ratio Lower Upper
163 100
194 4.0 2.5 3.7#
164 11.7 7.8 11.8

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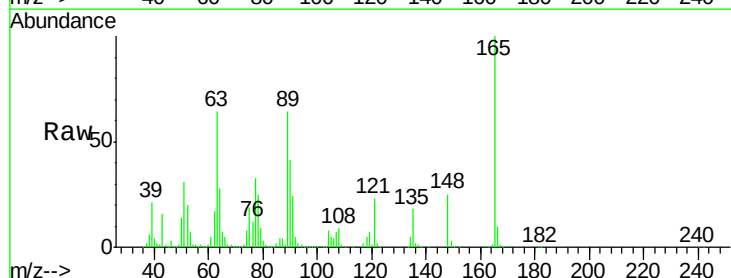


Abundance Ion 163.00 (162.70 to 163.70): E
2500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

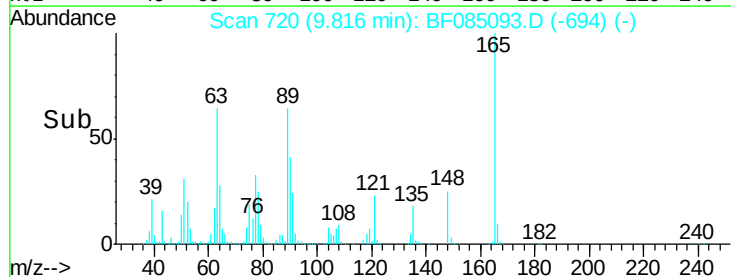
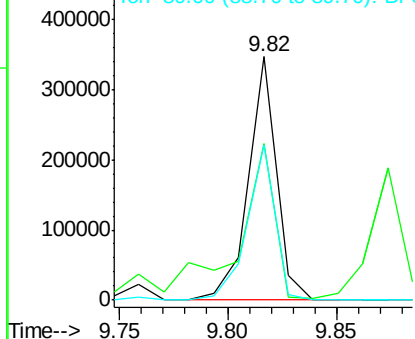


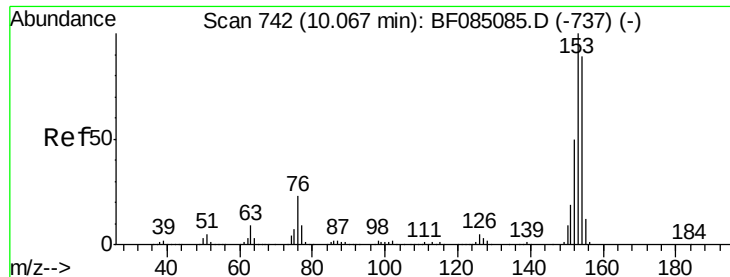
#50
2,6-Dinitrotoluene
Concen: 56.73 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:165 Resp: 310290
Ion Ratio Lower Upper
165 100
63 64.3 47.5 71.3
89 63.5 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E
400000
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 58.26 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

EP005MSD

Tot Ion:154 Resp: 1293156

Ion Ratio Lower Upper

154 100

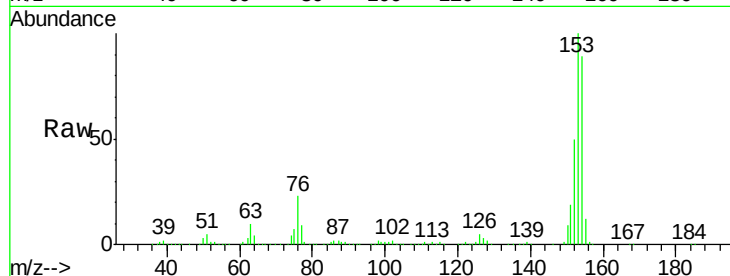
153 112.1 89.5 134.3

152 56.1 40.7 61.1

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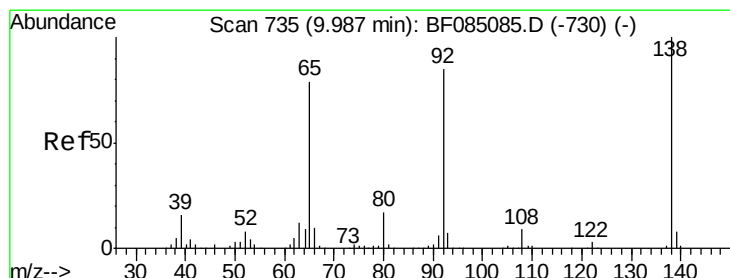
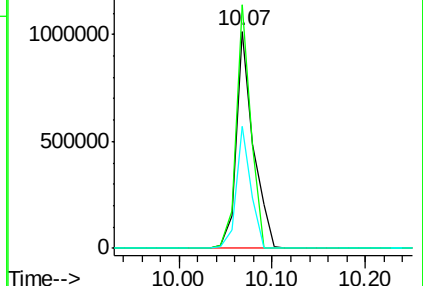
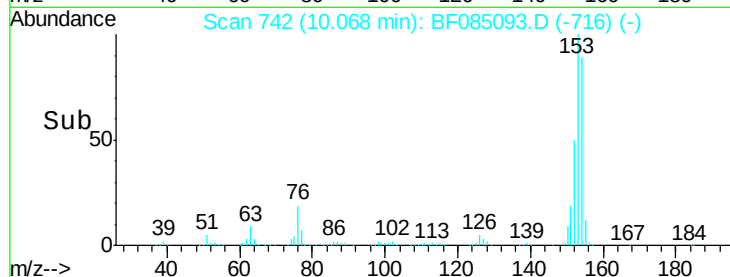
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.51 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

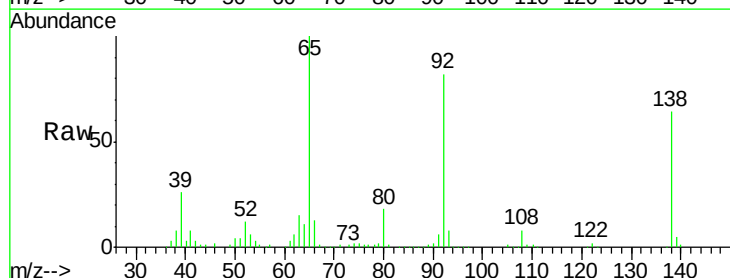
Tgt Ion:138 Resp: 127082

Ion Ratio Lower Upper

138 100

108 12.4 9.1 13.7

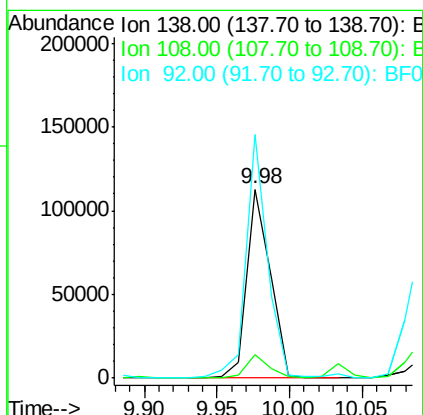
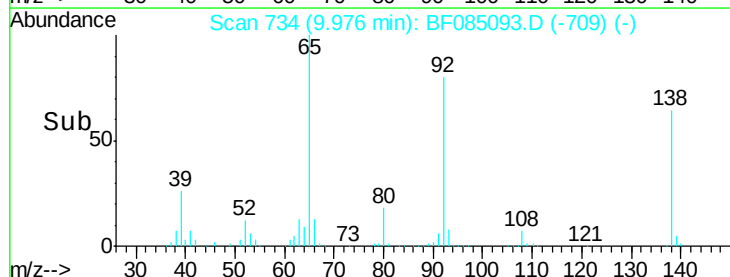
92 128.8 88.9 133.3

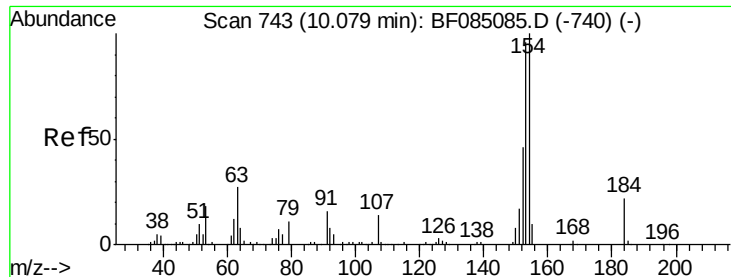


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





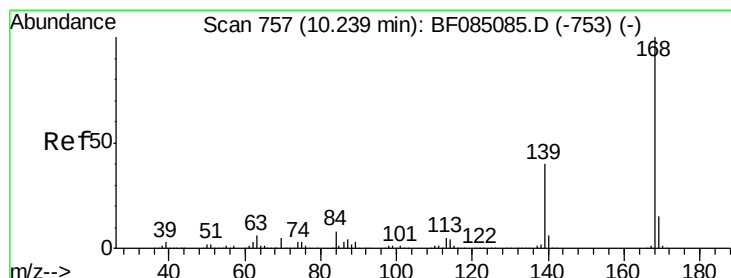
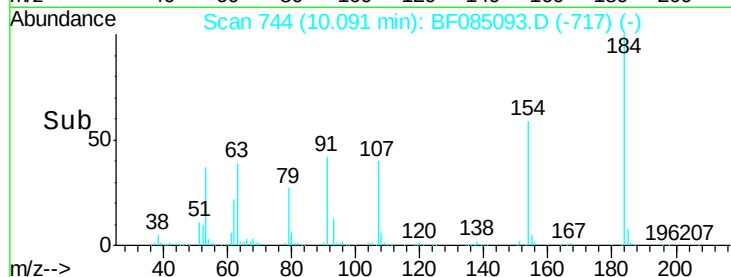
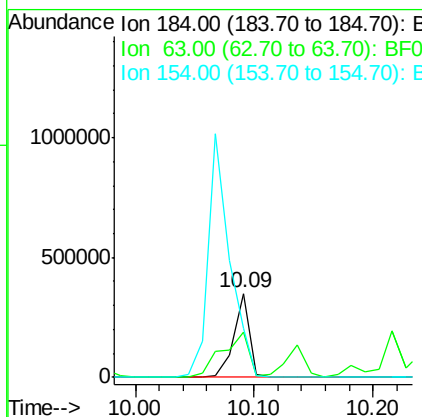
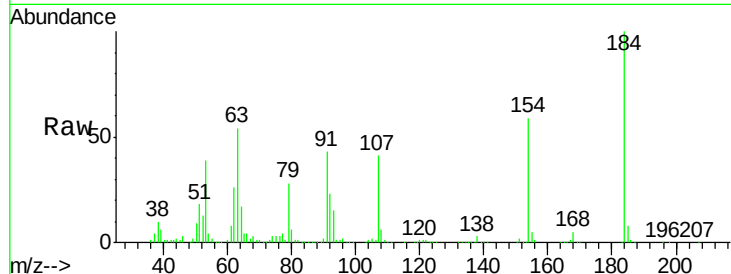
#53
 2,4-Dinitrophenol
 Concen: 91.11 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 EP005MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	319846		
63	54.3	60.6	90.8#	
154	58.5	70.2	105.2#	

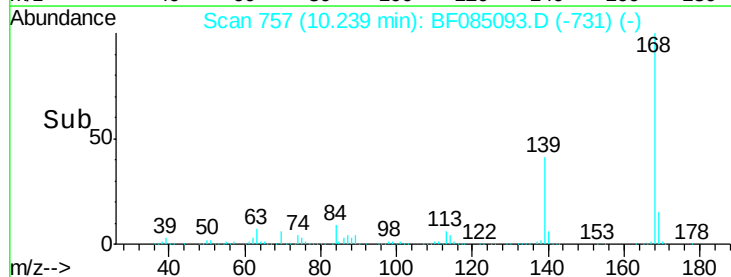
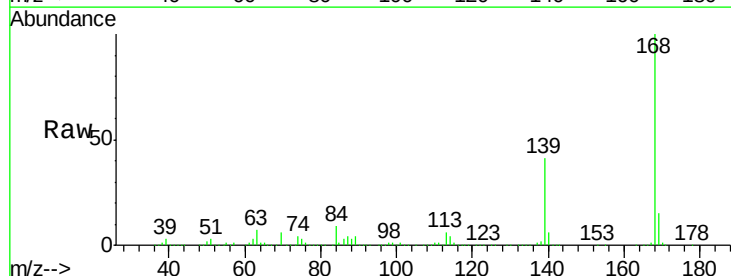
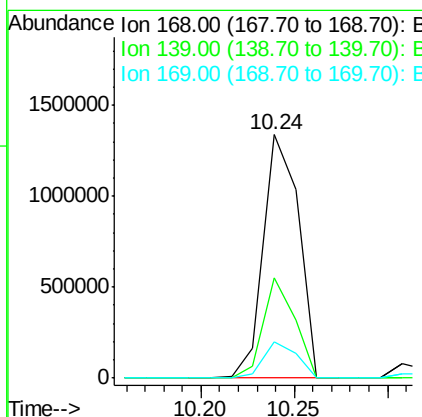
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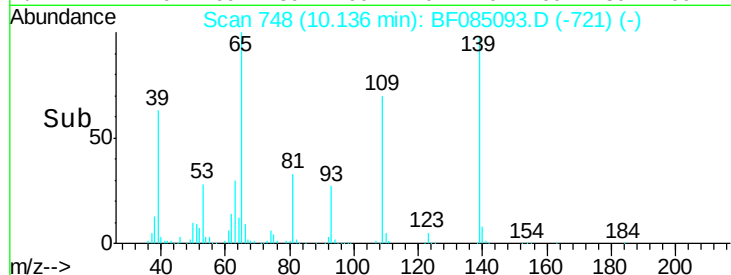
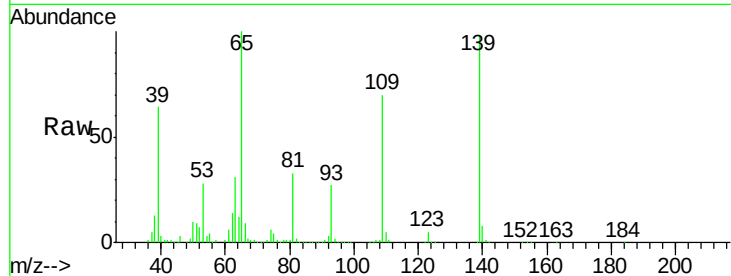
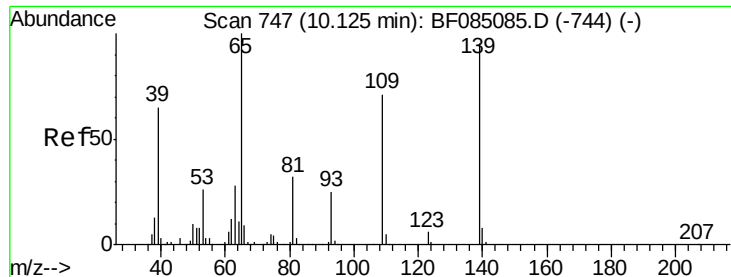
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#54
 Dibenzofuran
 Concen: 59.12 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1752630		
139	41.4	33.0	49.4	
169	14.8	10.9	16.3	





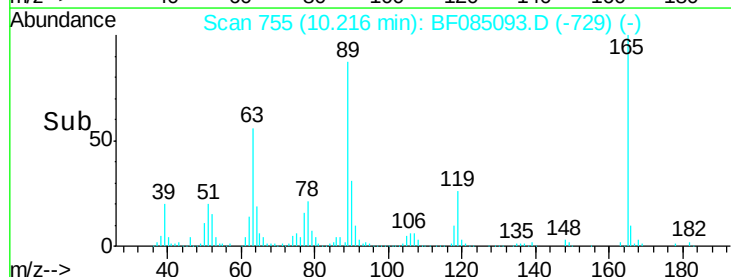
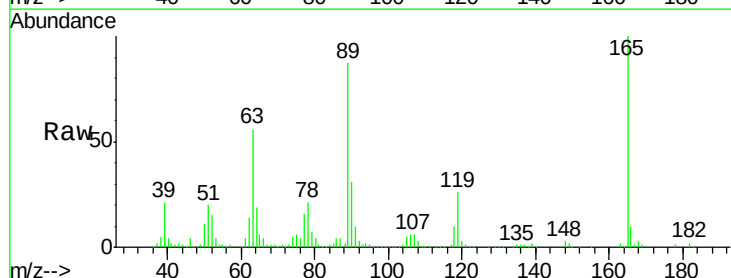
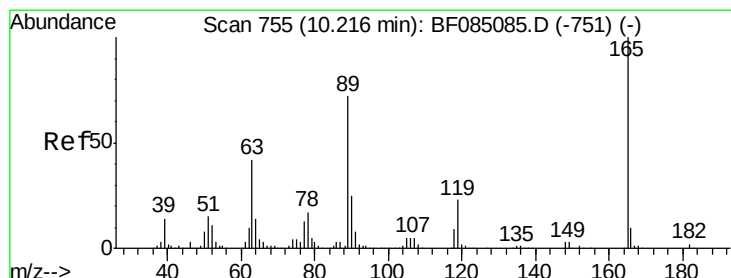
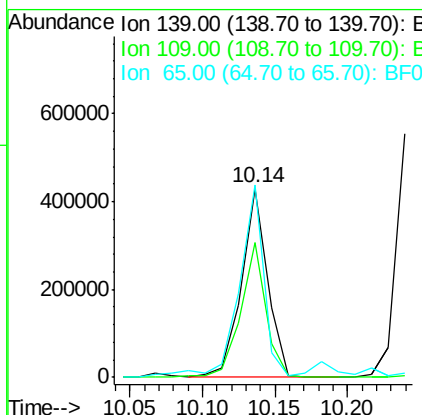
#55
4-Nitrophenol
Concen: 109.05 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tot Ion	Ratio	Resp	Lower	Upper
139	100	535453		
109	71.4	48.7	88.7	
65	102.1	78.8	118.8	

Instrument :
BNA_F
ClientSampleId :
EP005MSD

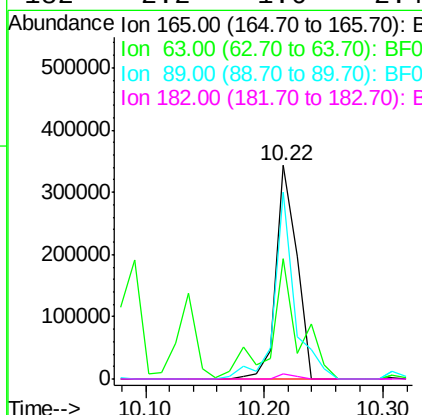
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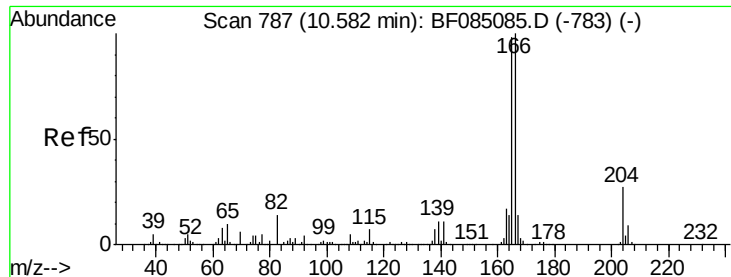
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#56
2,4-Dinitrotoluene
Concen: 60.93 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	410675		
63	56.5	36.6	55.0#	
89	87.2	54.4	81.6#	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 51.55 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

EP005MSD

Tot Ion:166 Resp: 1259232

Ion Ratio Lower Upper

166 100

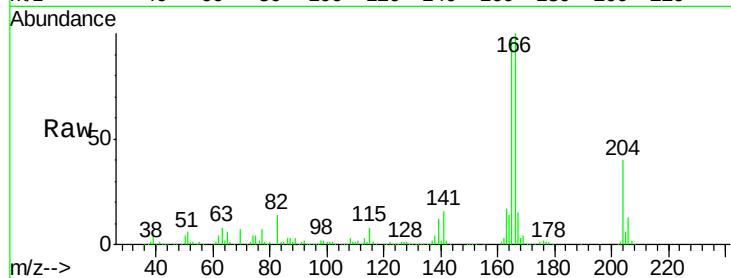
165 96.8 78.9 118.3

167 14.7 10.9 16.3

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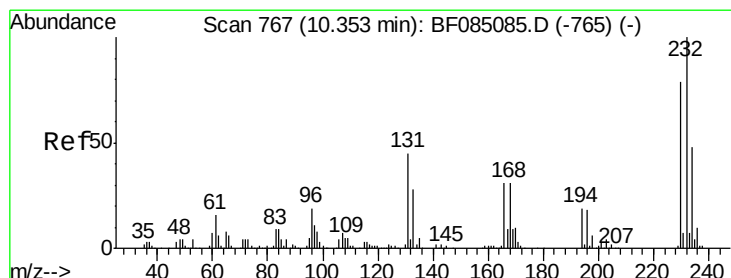
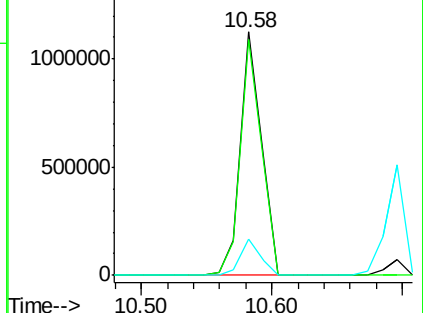
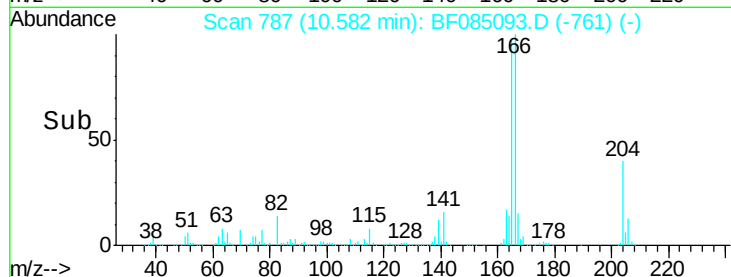
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 63.87 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion:232 Resp: 392920

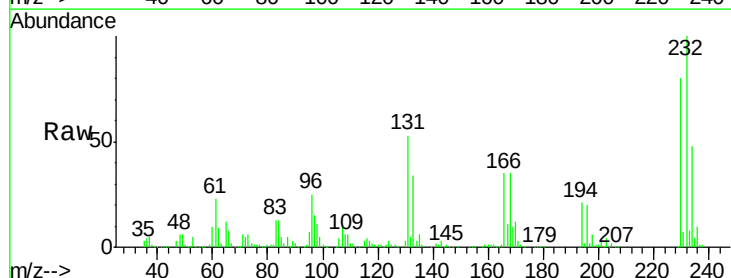
Ion Ratio Lower Upper

232 100

131 45.7 39.7 59.5

130 2.2 1.8 2.8

166 29.6 24.2 36.2

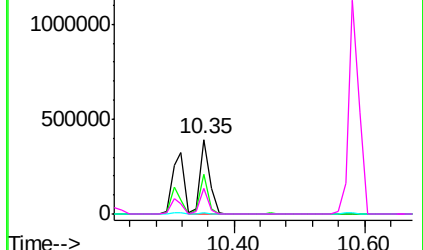
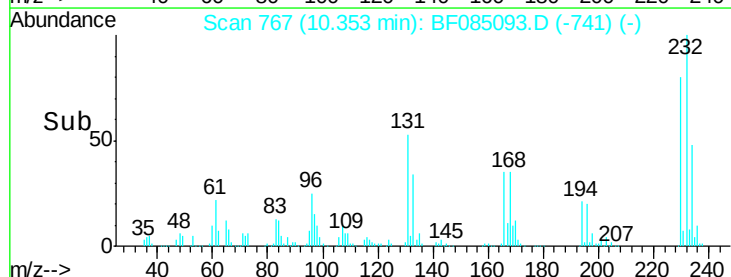


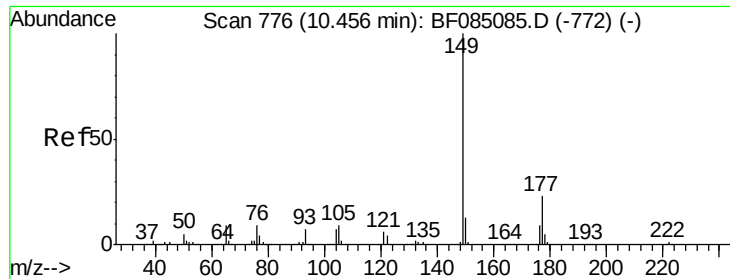
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





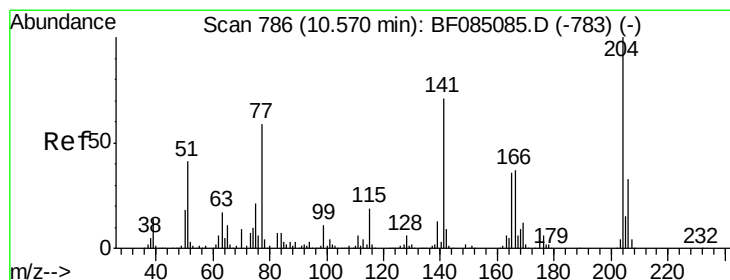
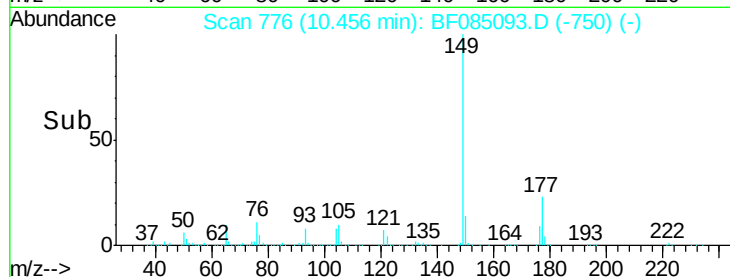
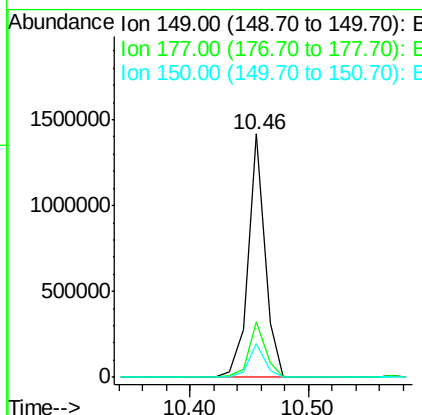
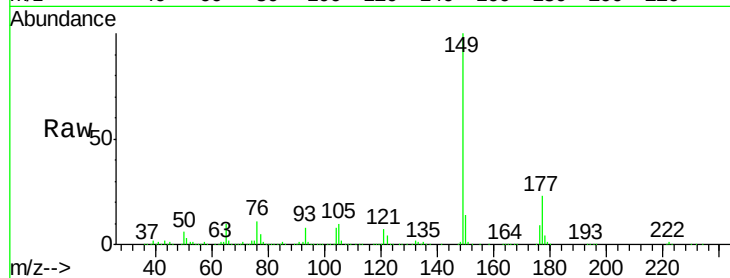
#59
Diethylphthalate
Concen: 52.22 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	16.4	24.6
150	13.7	10.2	15.4

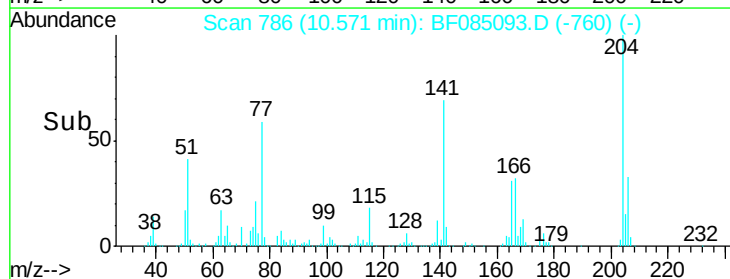
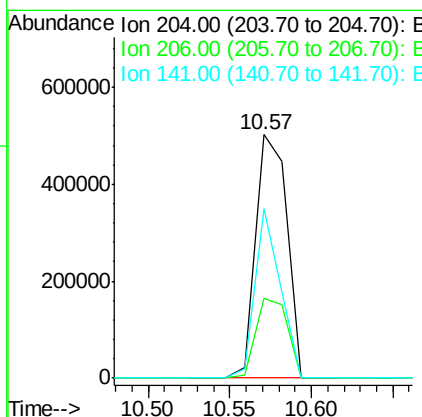
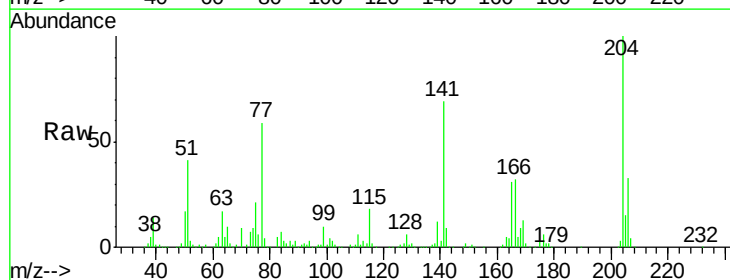
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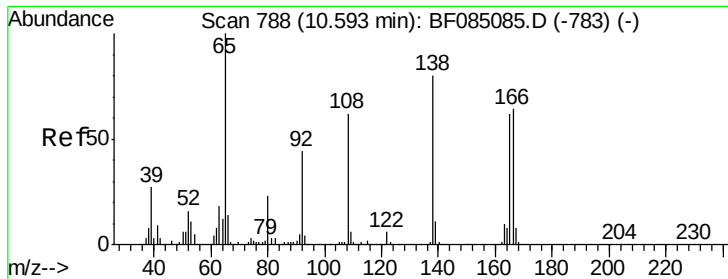
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 52.84 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.6
141	69.4	50.5	75.7





#61

4-Nitroaniline

Concen: 60.65 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

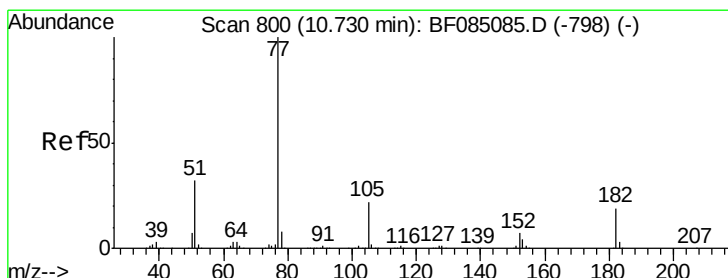
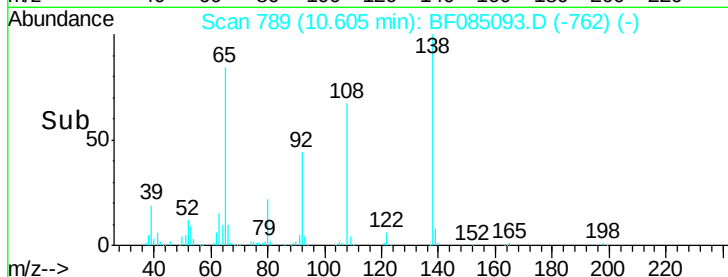
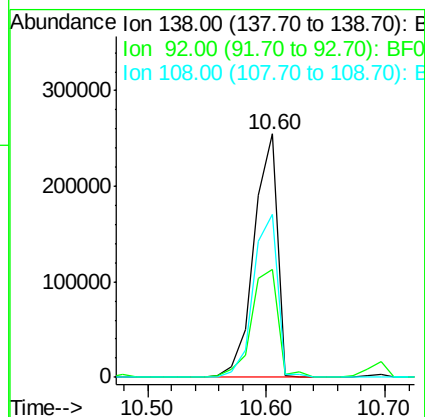
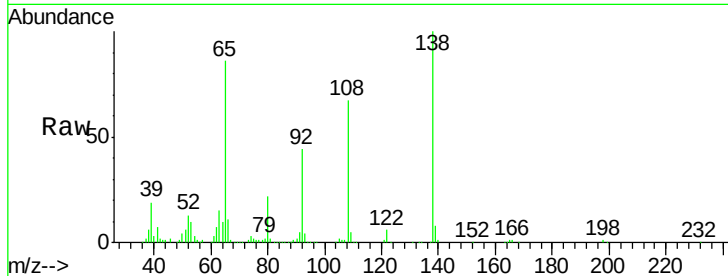
ClientSampleId :

EP005MSD

Tot Ion:	138	Resp:	350913
Ion Ratio	Lower	Upper	
138	100		
92	44.2	32.6	72.6
108	67.0	54.6	94.6

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#62

Azobenzene

Concen: 60.38 ng

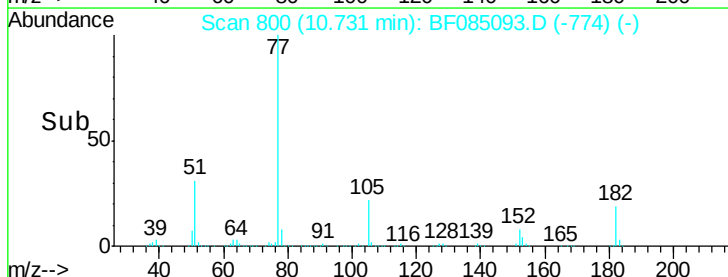
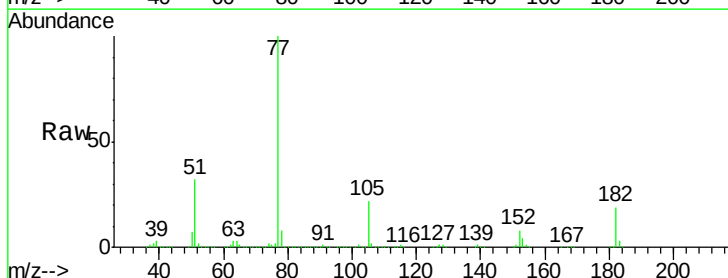
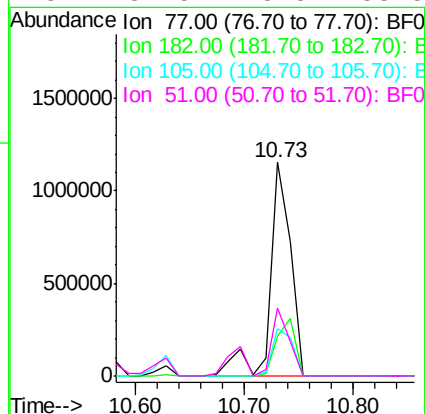
RT: 10.73 min Scan# 800

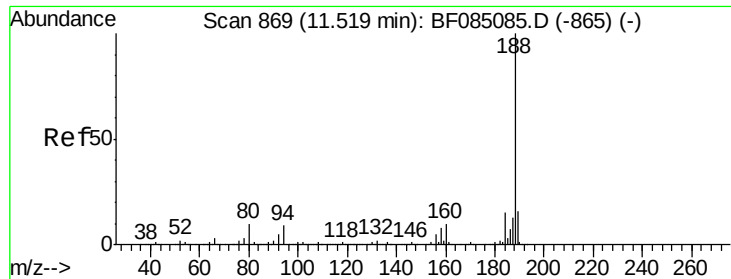
Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tgt Ion:	77	Resp:	1521746
Ion Ratio	Lower	Upper	
77	100		
182	18.6	1.3	41.3
105	22.2	4.2	44.2
51	31.5	13.5	53.5





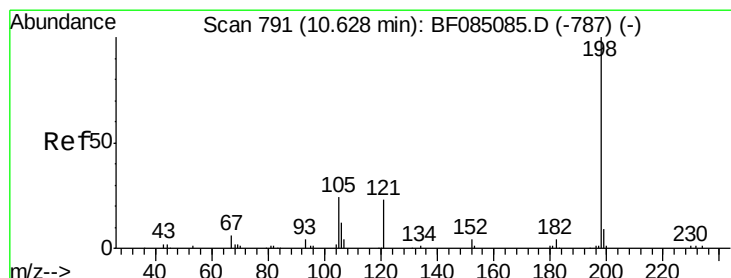
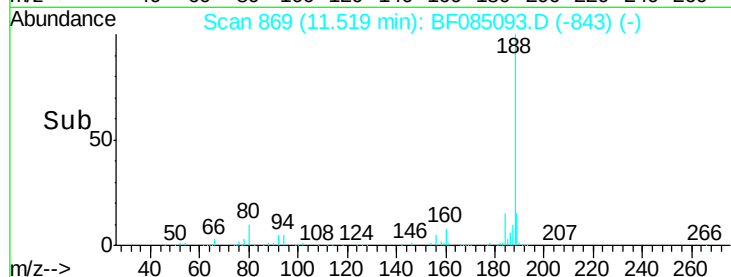
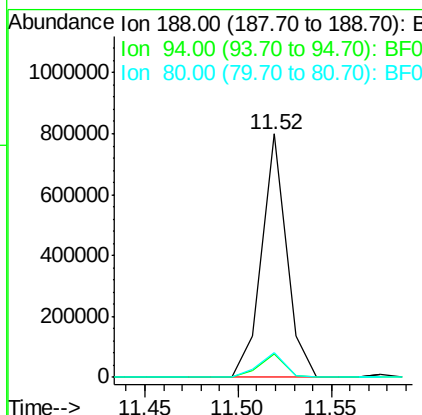
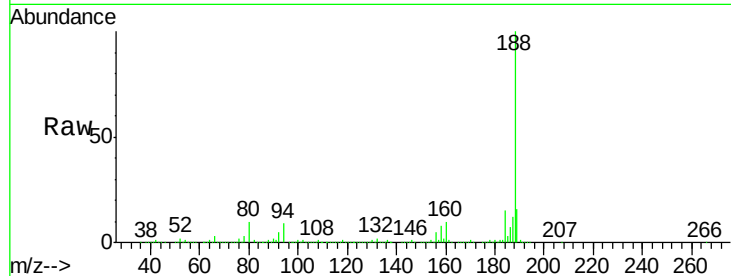
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampled :
EP005MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	6.2	9.2#
80	10.3	6.6	9.8#

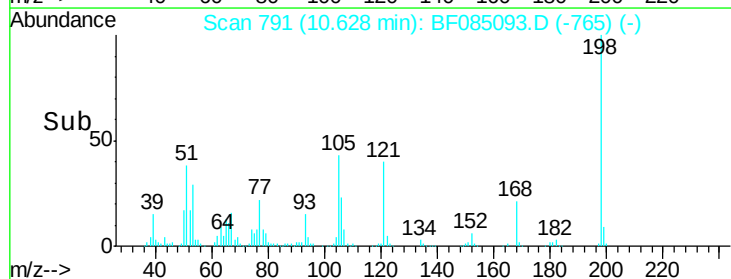
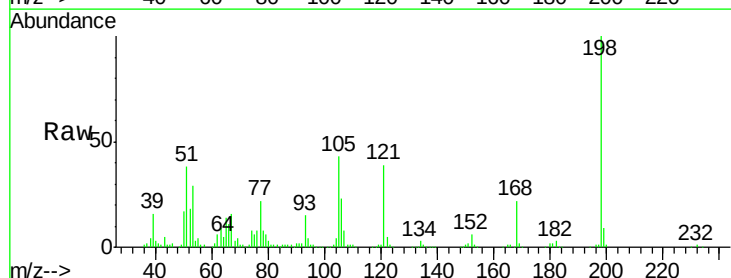
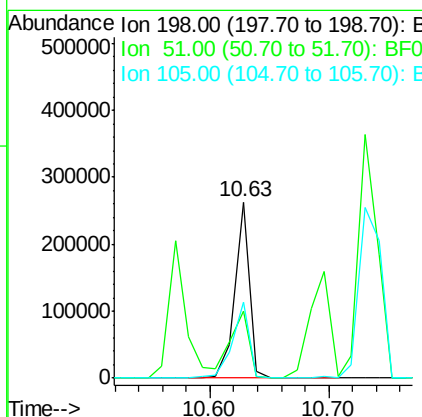
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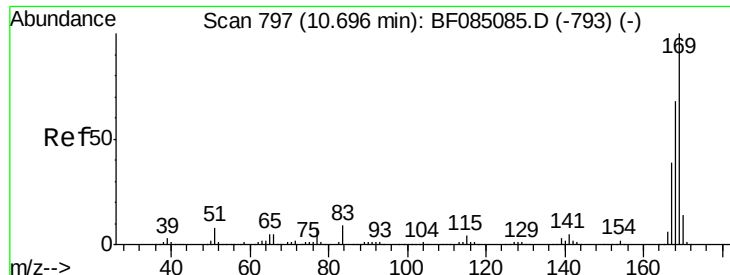
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 58.10 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	38.0	34.5	74.5
105	43.3	26.2	66.2





#65

n-Nitrosodiphenylamine

Concen: 55.28 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

EP005MSD

Tot Ion:169 Resp: 1285582

Ion Ratio Lower Upper

169 100

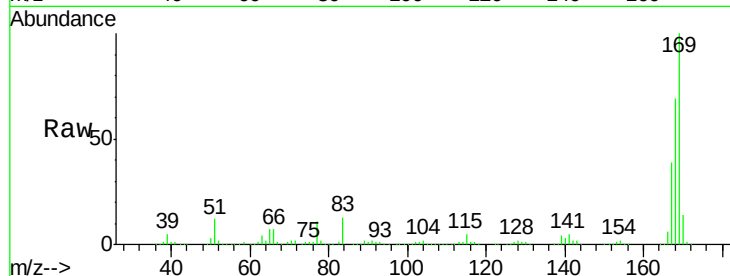
168 69.0 54.8 82.2

167 38.8 29.8 44.8

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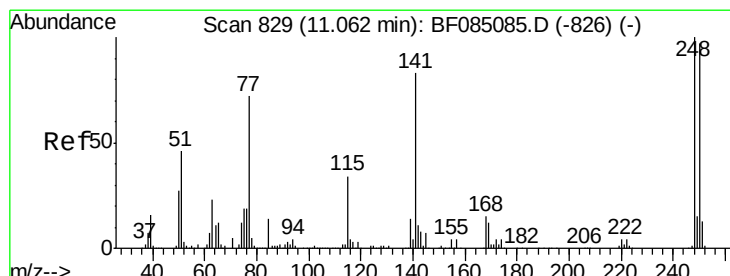
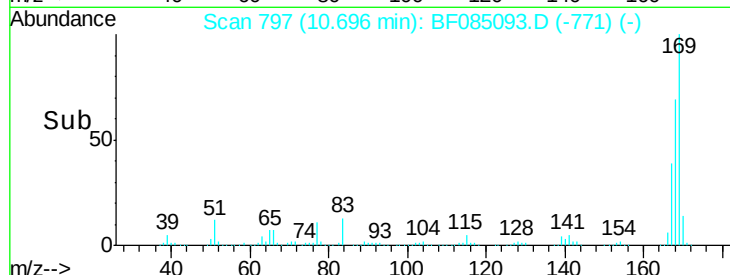
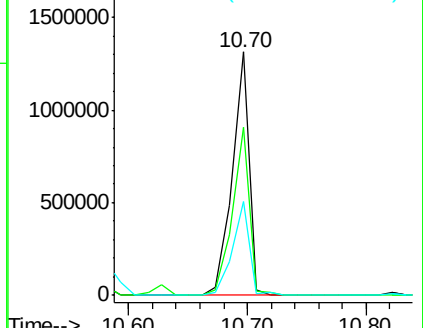
2/19/2016 7:57:18 AM



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: 52.09 ng

RT: 11.06 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

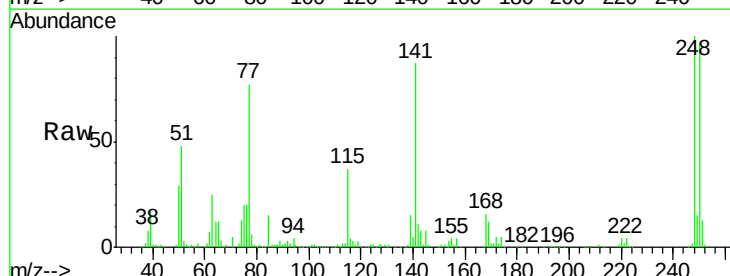
Tgt Ion:248 Resp: 448507

Ion Ratio Lower Upper

248 100

250 96.9 77.5 116.3

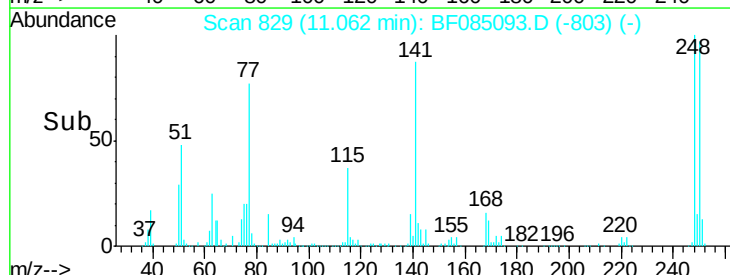
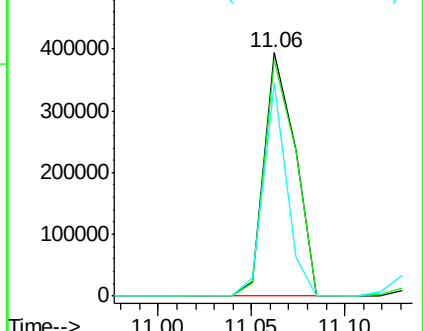
141 87.2 58.2 87.4

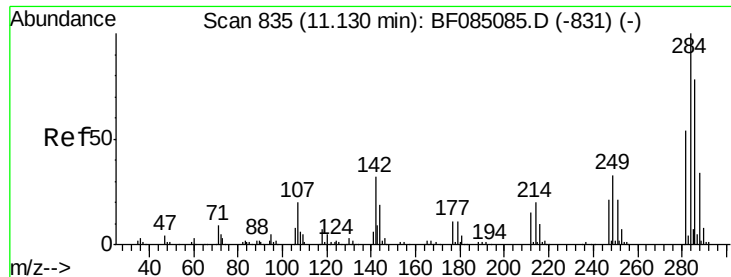


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 52.43 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

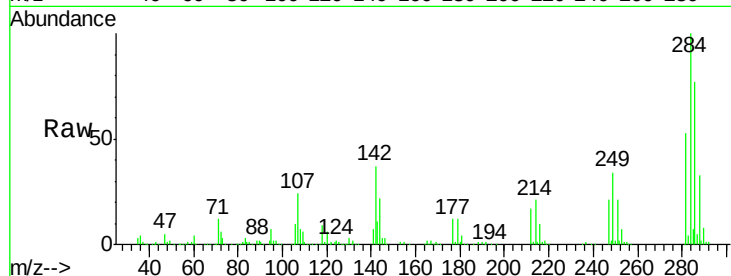
ClientSampleId :

EP005MSD

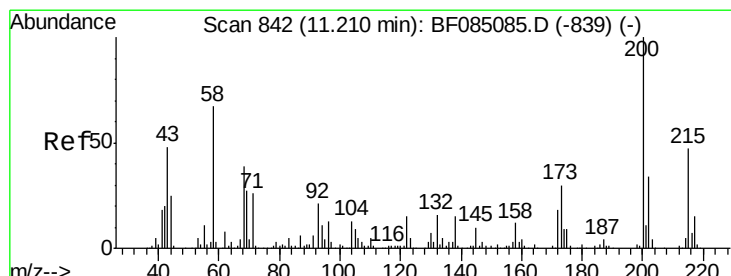
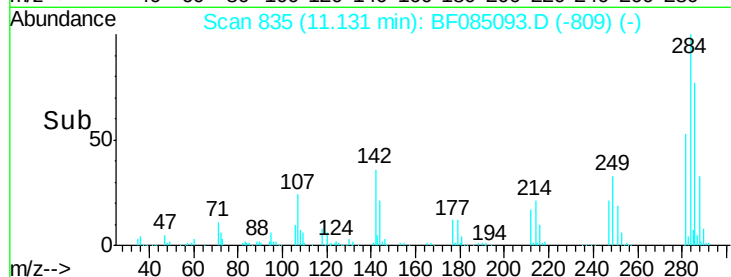
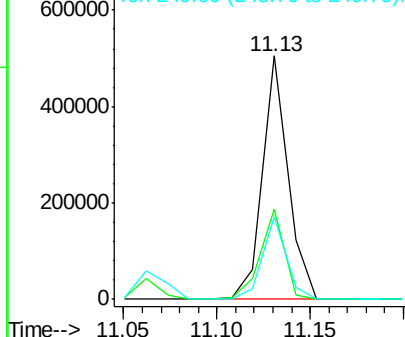
Tot Ion:	284	Resp:	474299
Ion Ratio	Lower	Upper	
284	100		
142	37.0	33.5	50.3
249	33.7	27.4	41.2

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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: 70.62 ng

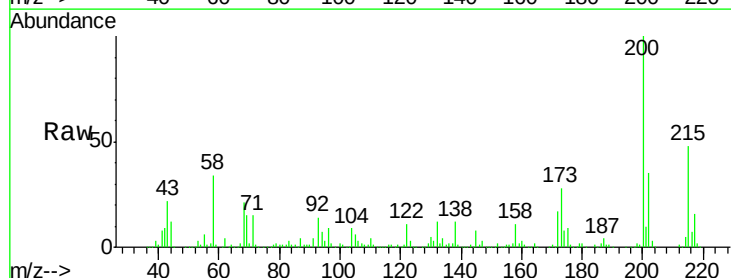
RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

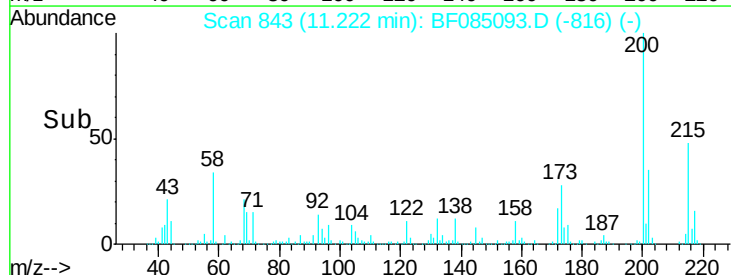
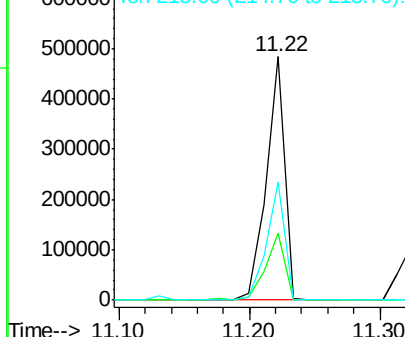
Lab File: BF085093.D

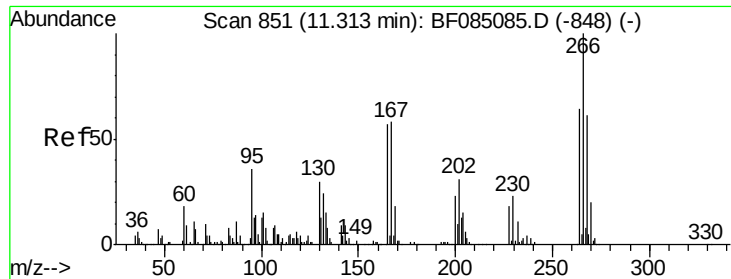
Acq: 17 Feb 2016 18:24

Tgt Ion:	200	Resp:	473082
Ion Ratio	Lower	Upper	
200	100		
173	27.7	4.7	44.7
215	48.4	24.8	64.8



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





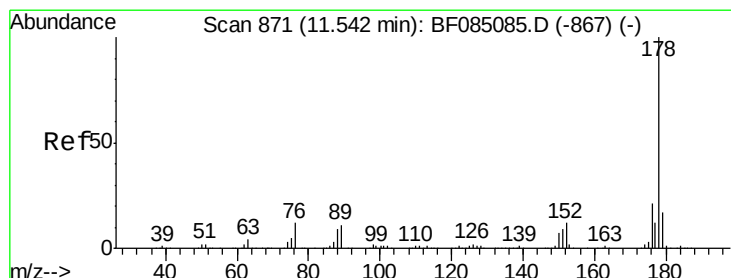
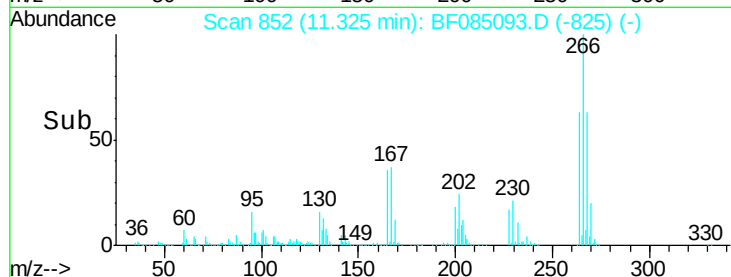
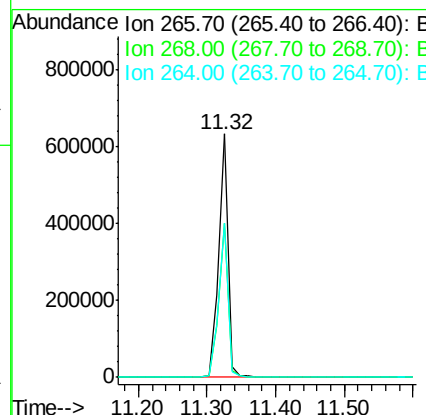
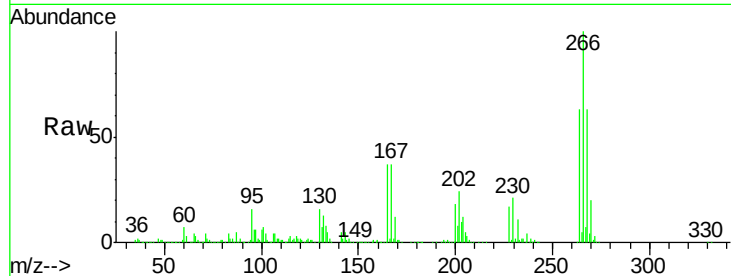
#69
 Pentachlorophenol
 Concen: 111.90 ng
 RT: 11.32 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 EP005MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	614070		
268	63.0		47.3	70.9
264	63.3		49.8	74.6

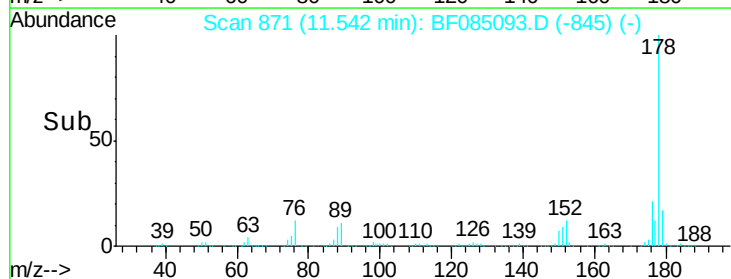
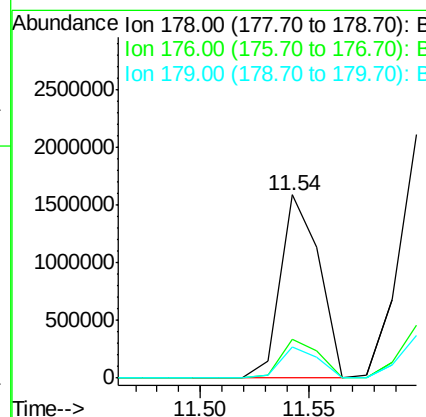
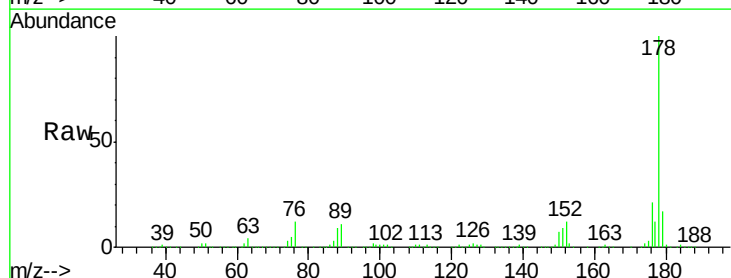
Manual Integrations
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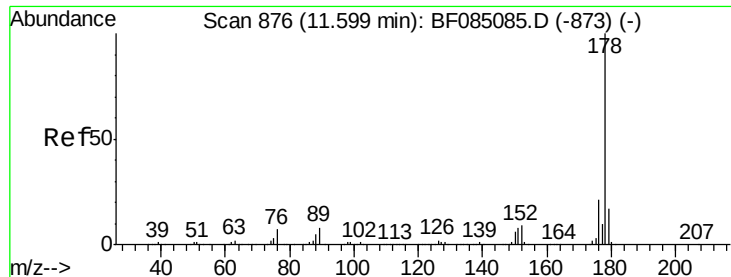
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#70
 Phenanthrene
 Concen: 53.41 ng
 RT: 11.54 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1978411		
176	21.4		15.9	23.9
179	17.0		13.1	19.7





#71
 Anthracene
 Concen: 52.89 ng
 RT: 11.60 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

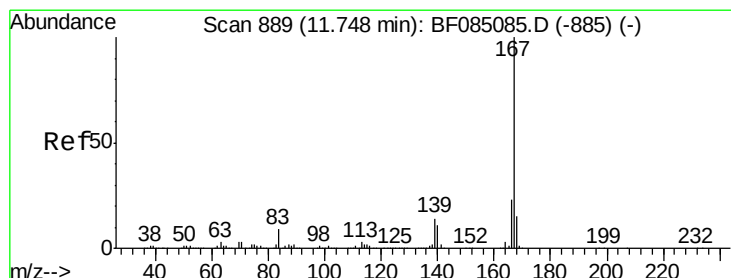
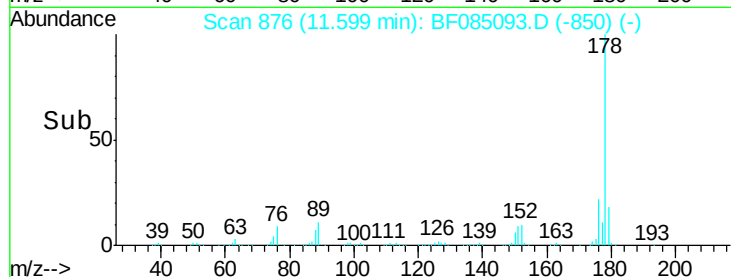
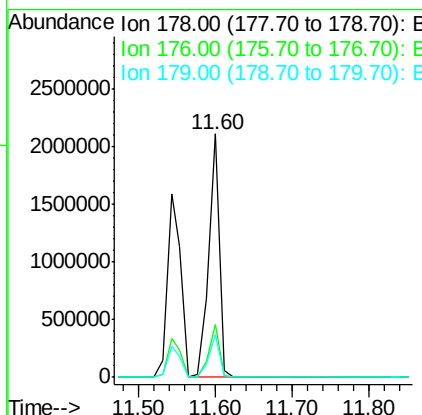
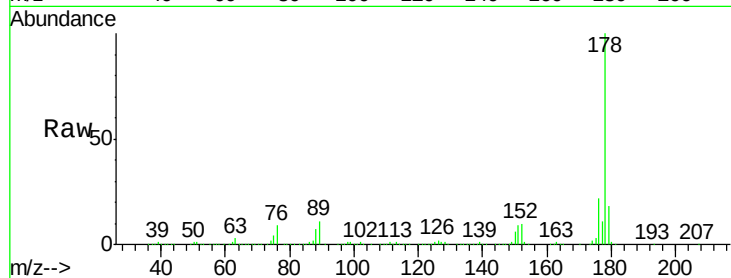
Instrument :
 BNA_F
 ClientSampleId :
 EP005MSD

Tot Ion:178 Resp: 1977534

Ion	Ratio	Lower	Upper
178	100		
176	21.7	14.8	22.2
179	17.6	12.2	18.2

Manual Integrations
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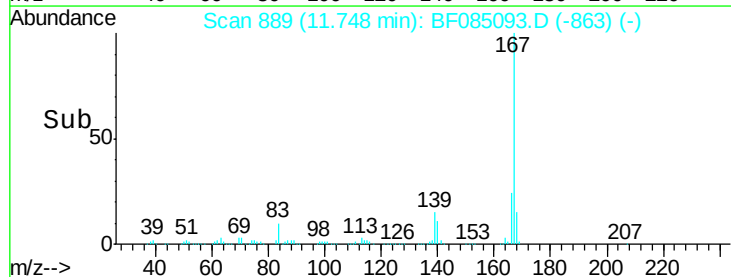
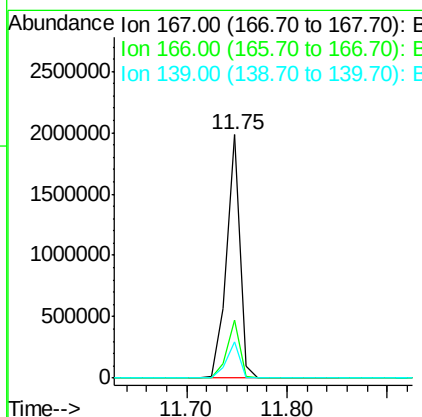
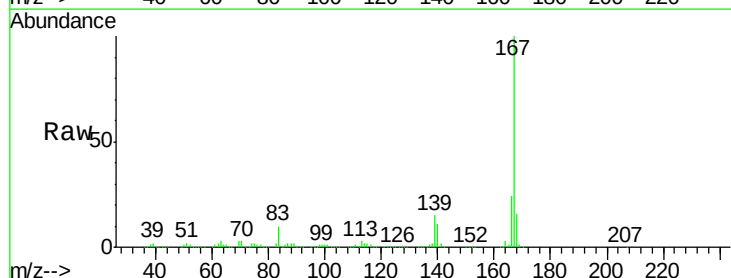
Sohil
 2/19/2016 7:57:18 AM

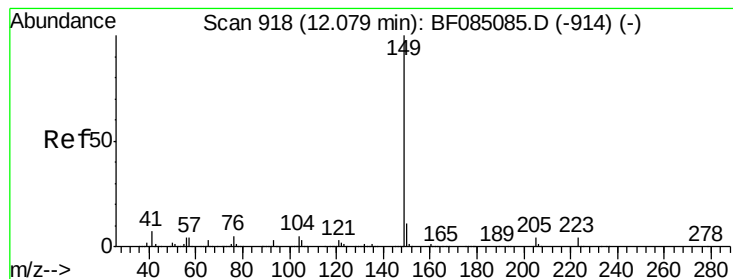


#72
 Carbazole
 Concen: 53.79 ng
 RT: 11.75 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion:167 Resp: 1834224

Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.4	26.0
139	14.9	11.0	16.6





#73

Di-n-butylphthalate

Concen: 53.94 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

EP005MSD

Tot Ion:149 Resp: 2098843

Ion Ratio Lower Upper

149 100

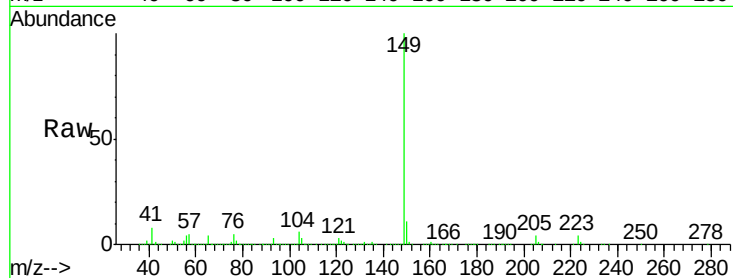
150 11.0 7.5 11.3

104 5.7 4.2 6.2

Manual Integrations
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Sohil

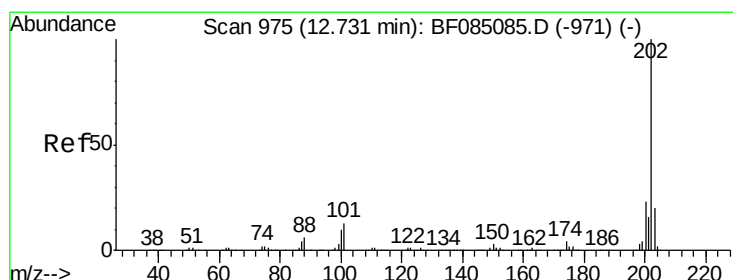
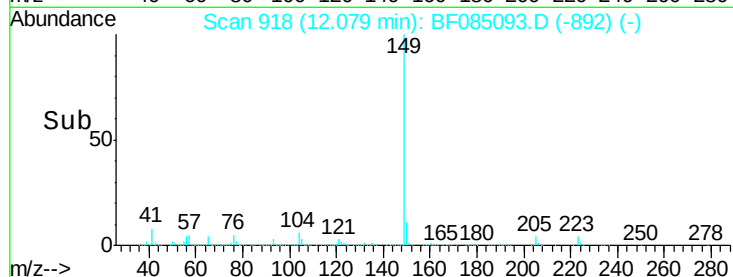
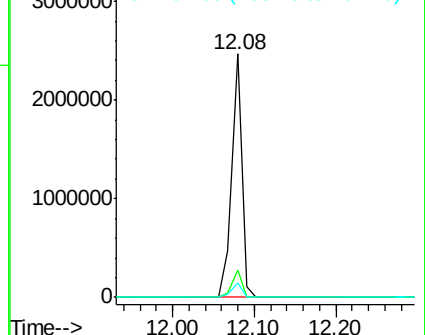
2/19/2016 7:57:18 AM



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: 50.88 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

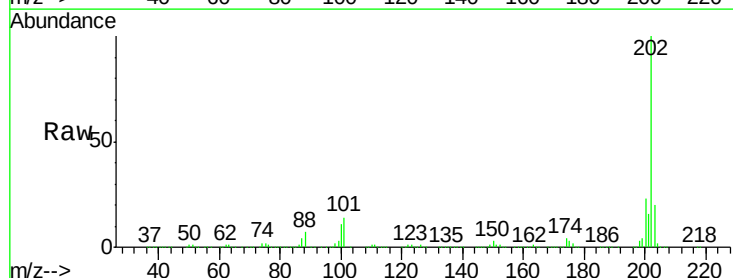
Tgt Ion:202 Resp: 2037293

Ion Ratio Lower Upper

202 100

101 14.0 0.0 29.8

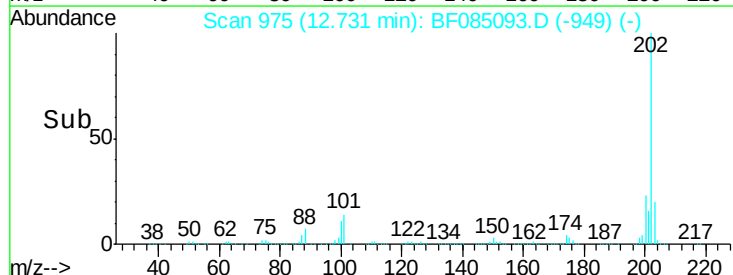
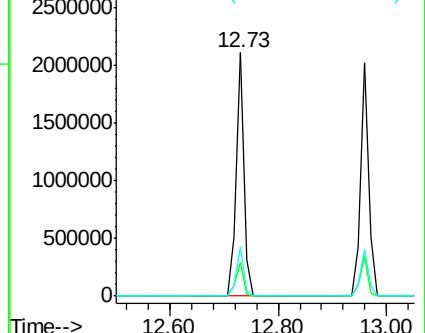
203 20.1 0.0 37.5

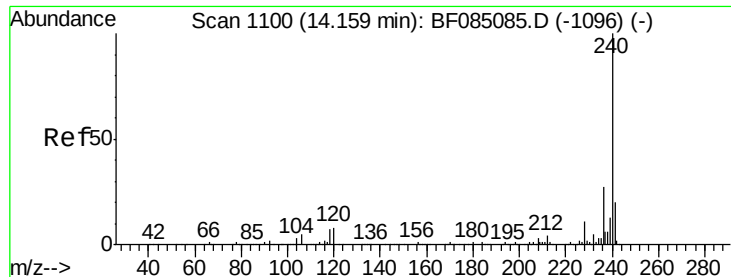


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

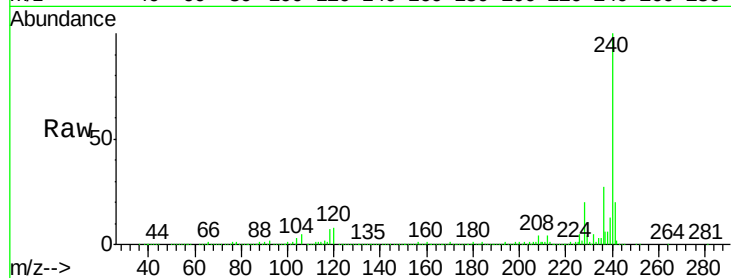
ClientSampleId :

EP005MSD

Tot Ion:	240	Resp:	674013
Ion Ratio	Lower	Upper	
240	100		
120	7.8	7.0	10.6
236	26.7	20.5	30.7

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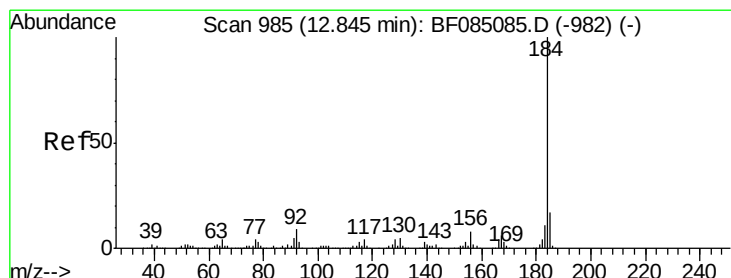
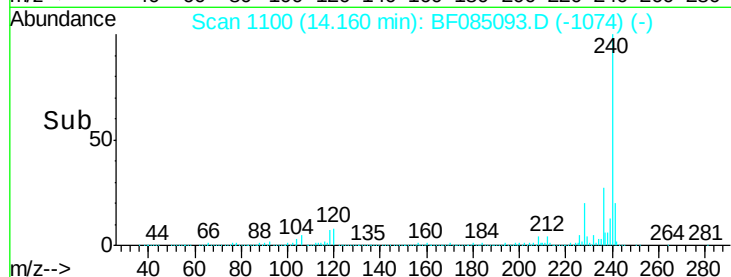
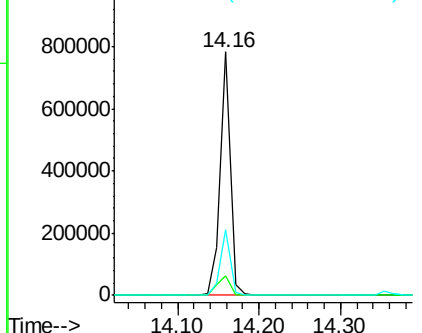
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.36 ng

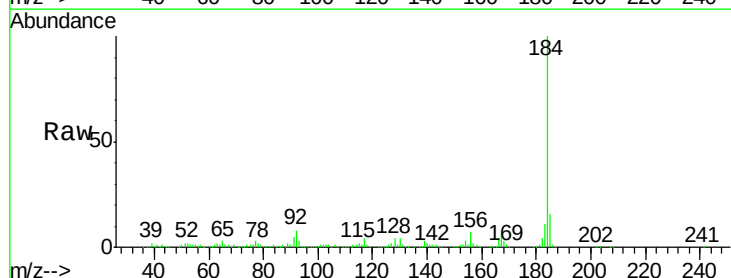
RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

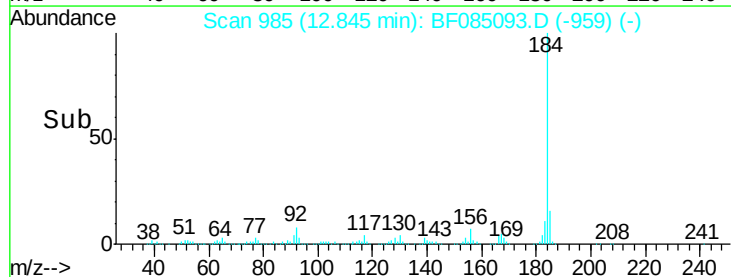
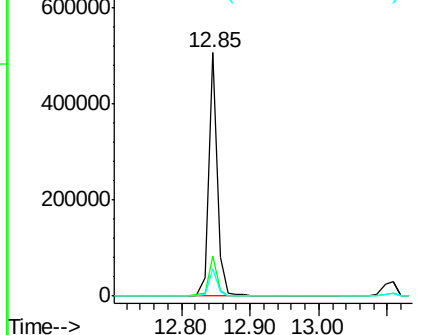
Tgt Ion:	184	Resp:	443674
Ion Ratio	Lower	Upper	
184	100		
185	16.4	11.8	17.8
183	11.0	8.6	12.8

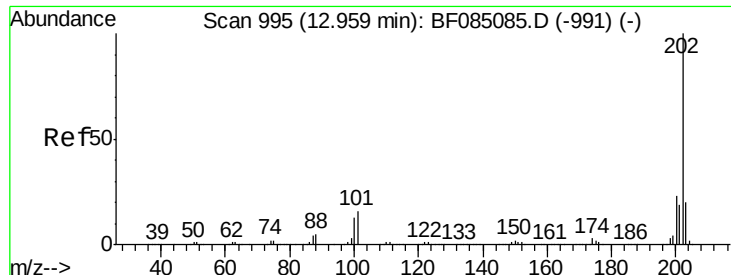


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





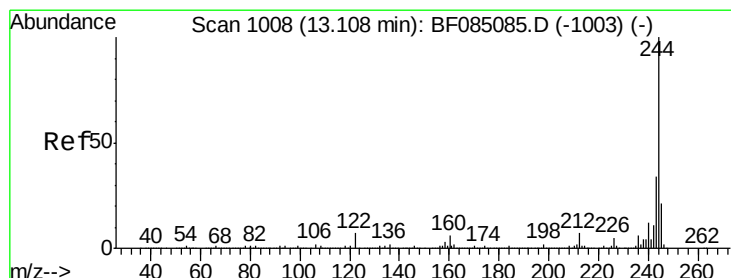
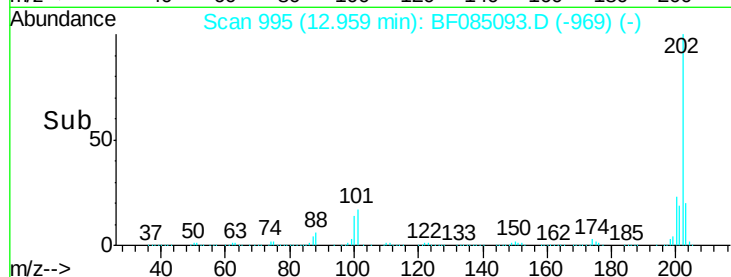
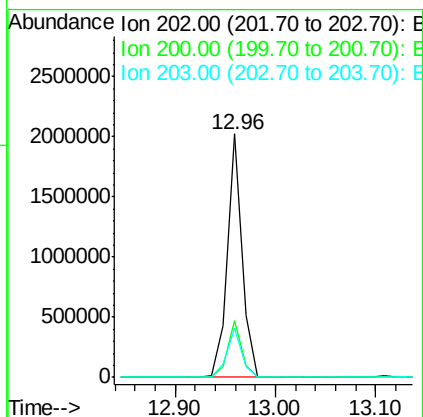
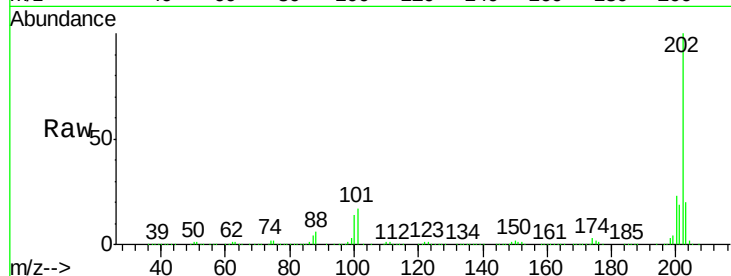
#77
Pvrene
Concen: 50.58 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.0	25.4
203	20.1	14.2	21.4

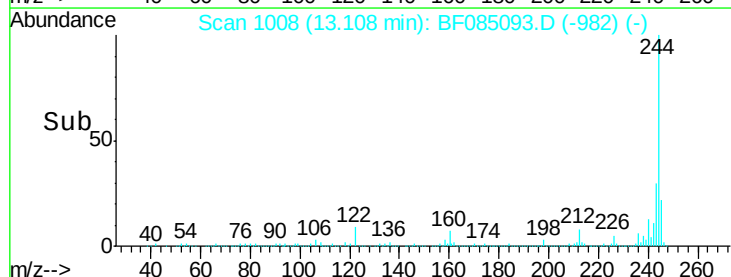
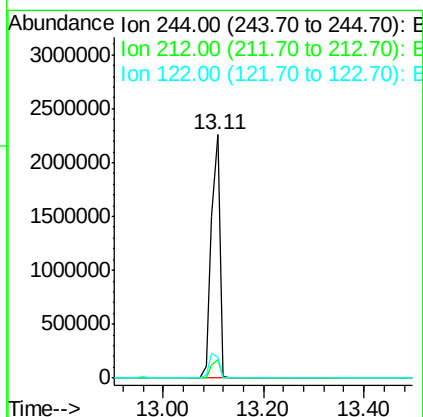
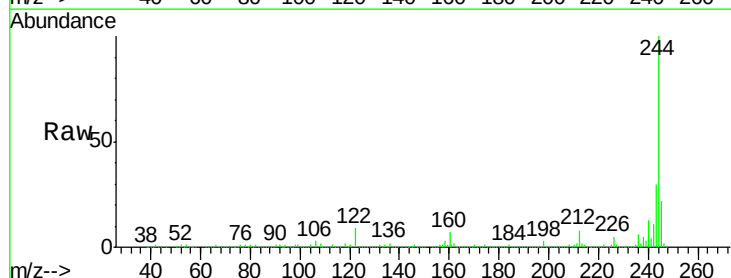
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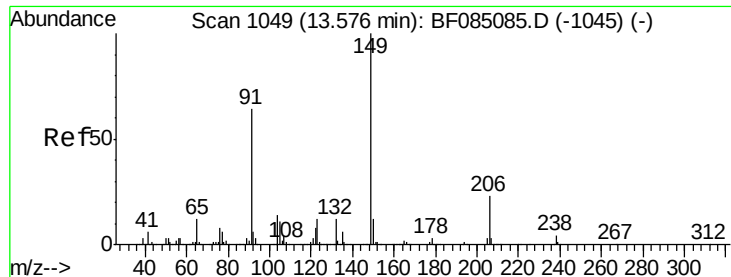
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#78
Terphenyl-d14
Concen: 111.39 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	8.7	10.1	15.1#





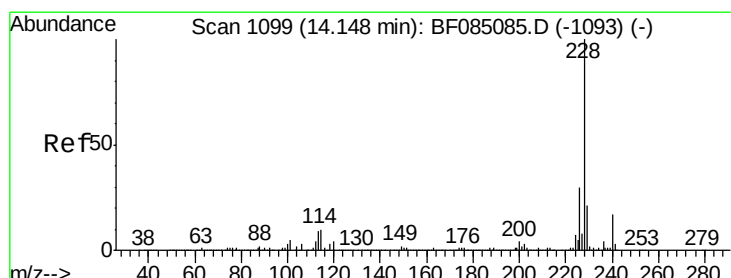
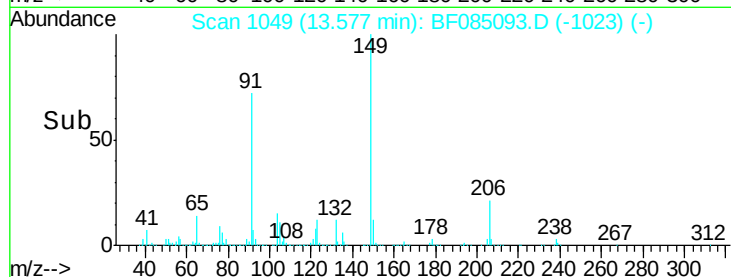
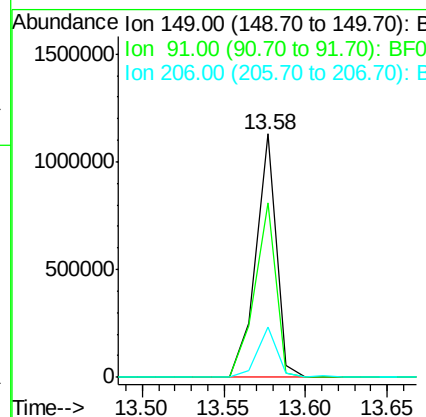
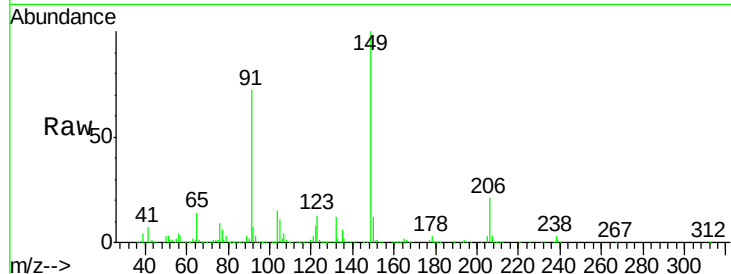
#79
Butylbenzylphthalate
Concen: 61.46 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.8	57.8	86.8
206	20.8	13.8	20.8

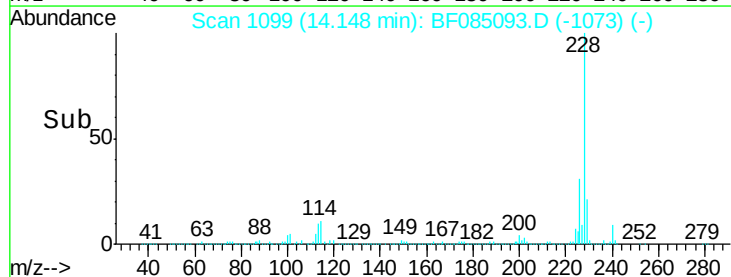
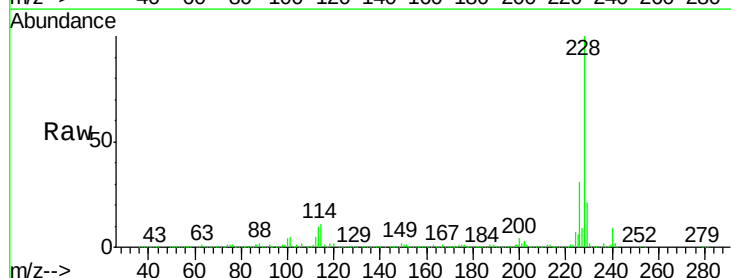
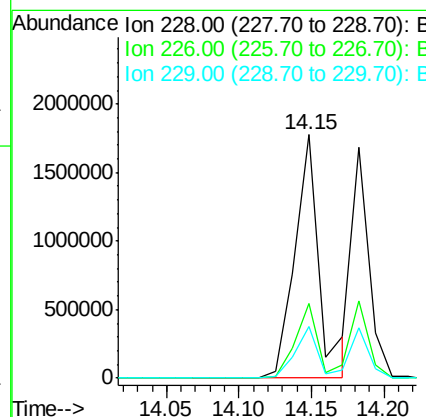
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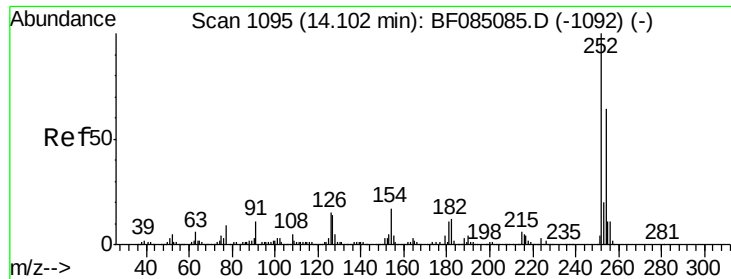
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#80
Benzo(a)anthracene
Concen: 55.49 ng
RT: 14.15 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.8	32.6
229	21.4	15.8	23.8





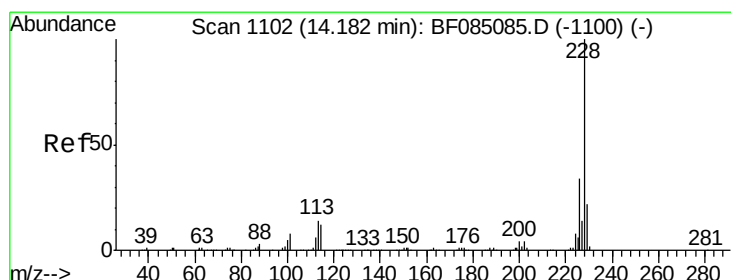
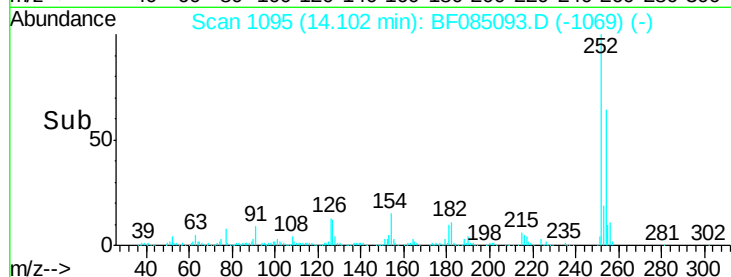
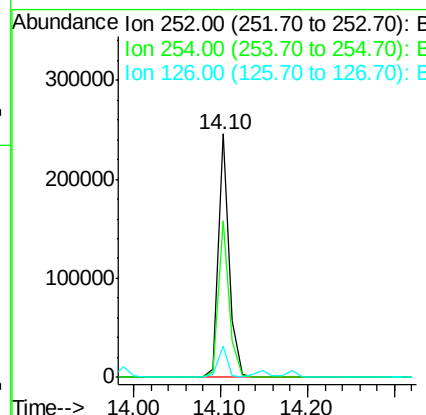
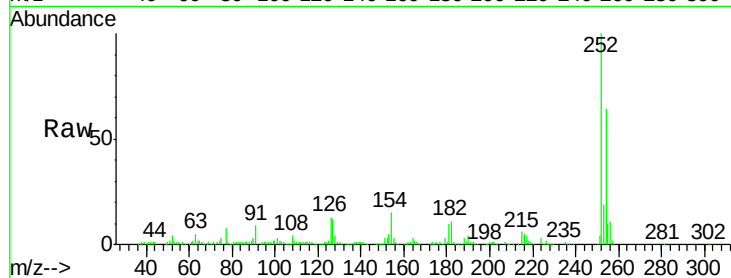
#81
 3,3'-Dichlorobenzidine
 Concen: 15.71 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 EP005MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	218441		
254	64.2	52.9	79.3	
126	12.8	10.6	16.0	

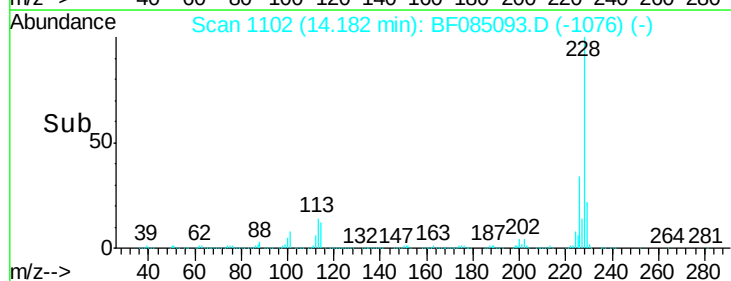
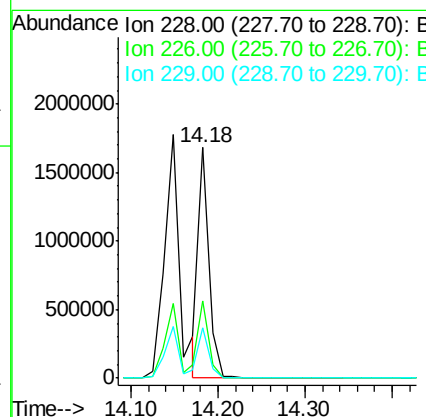
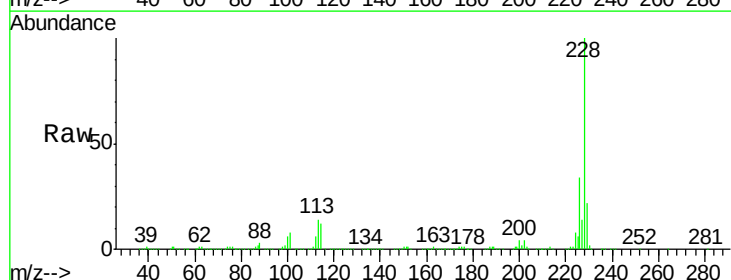
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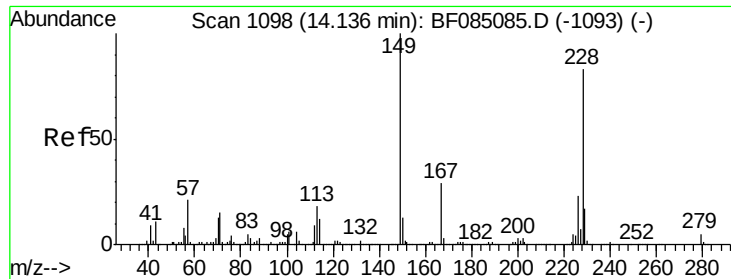
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#82
 Chrysene
 Concen: 40.83 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF085093.D
 Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1412791		
226	33.8	24.3	36.5	
229	21.9	16.1	24.1	





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.34 ng

RT: 14.14 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Instrument :

BNA_F

ClientSampleId :

EP005MSD

Tot Ion:149 Resp: 1307877

Ion Ratio Lower Upper

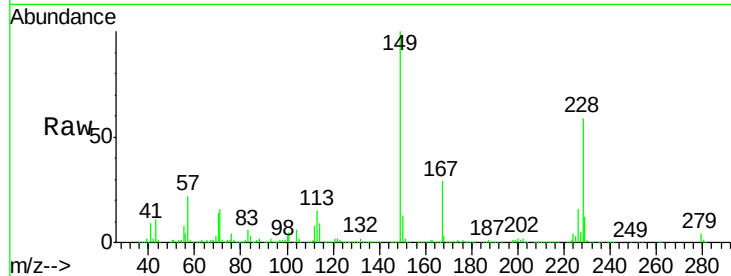
149 100

167 29.3 21.0 31.6

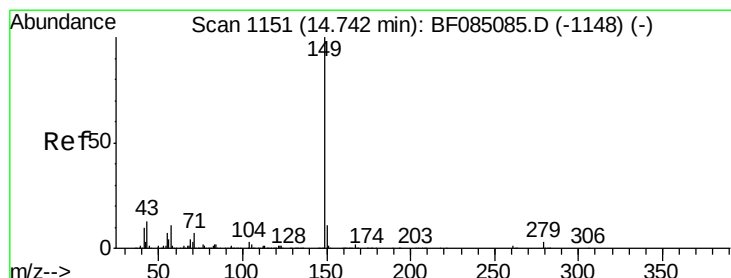
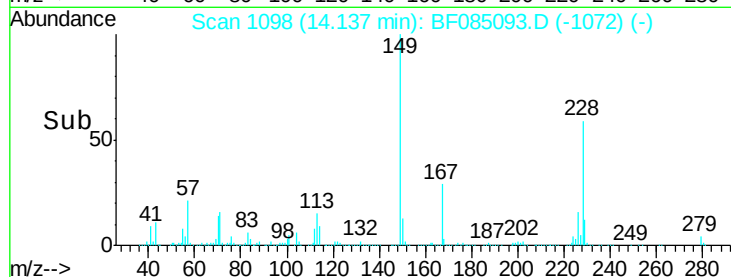
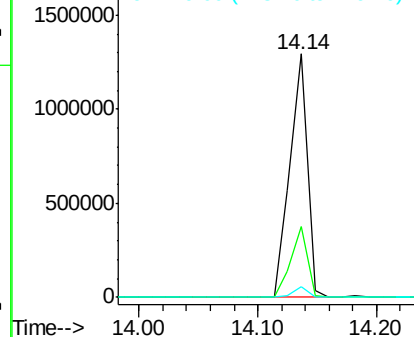
279 4.5 2.4 3.6#

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



#84

Di-n-octyl phthalate

Concen: 58.42 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

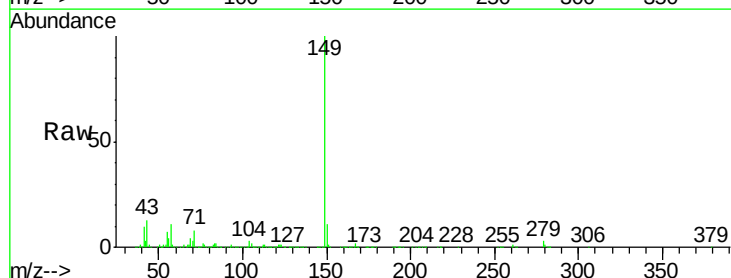
Tgt Ion:149 Resp: 2060329

Ion Ratio Lower Upper

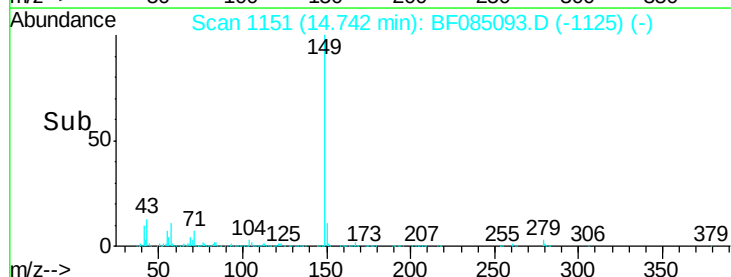
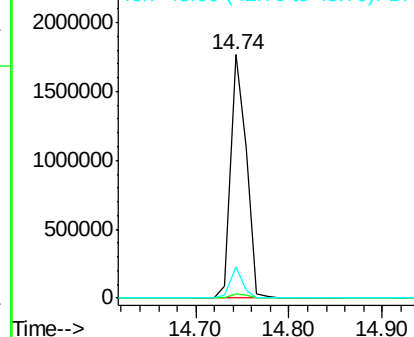
149 100

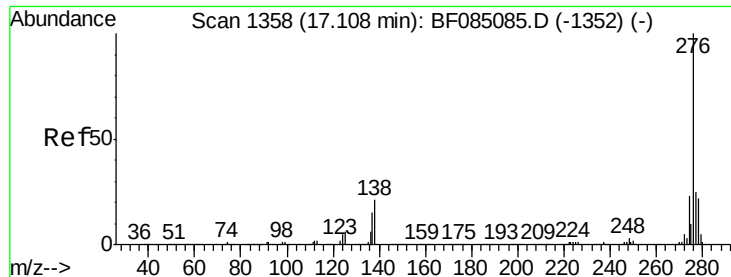
167 1.8 1.2 1.8

43 10.2 9.0 13.6



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





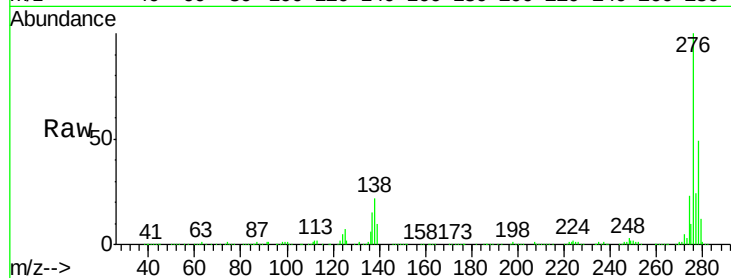
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.11 ng
RT: 17.12 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

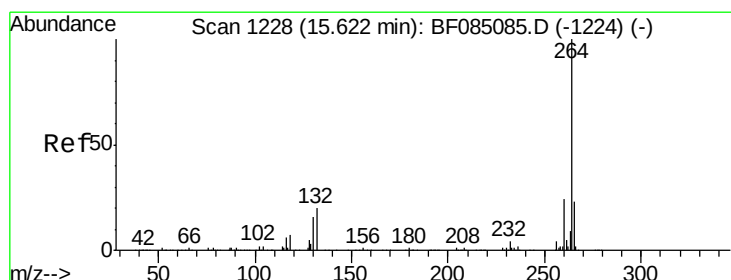
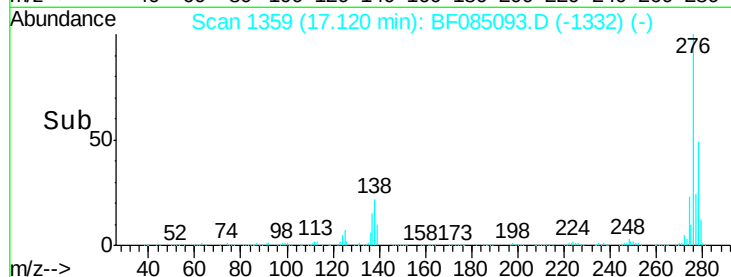
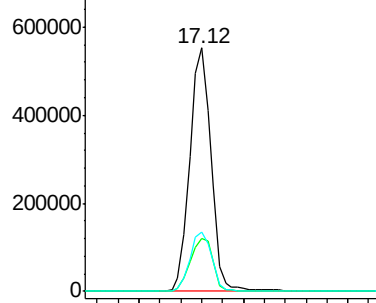
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.0	28.4
277	25.1	20.0	30.0

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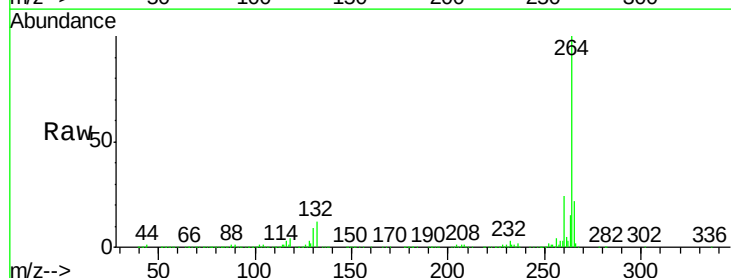


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

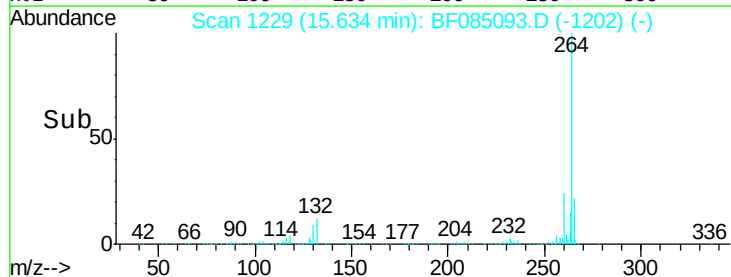
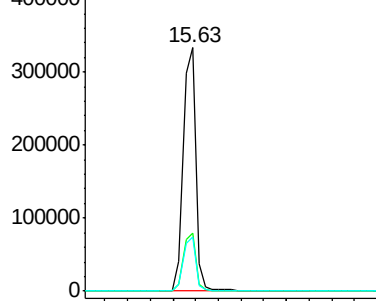


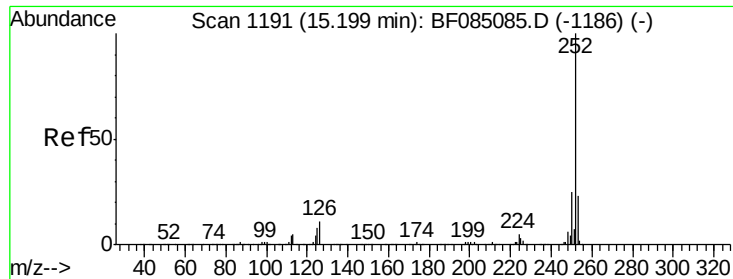
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	22.0	16.7	25.1



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





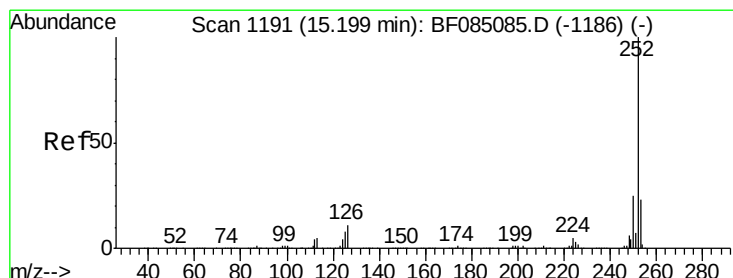
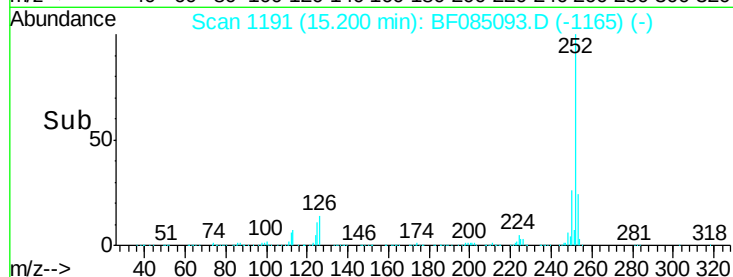
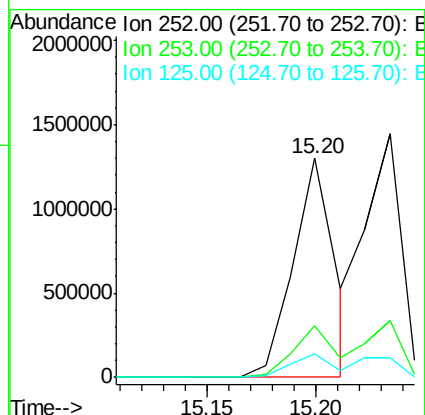
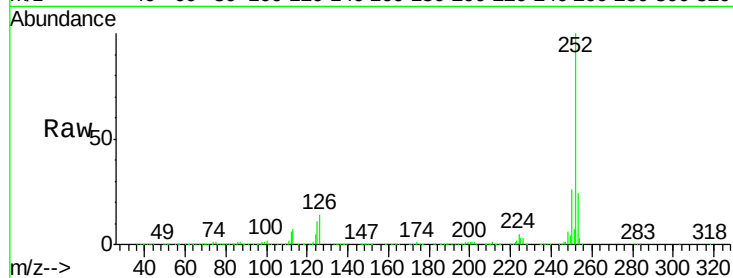
#87
Benzo(b)fluoranthene
Concen: 53.67 ng
RT: 15.20 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

Tot Ion:252 Resp: 1711733
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 10.8 5.4 8.2#

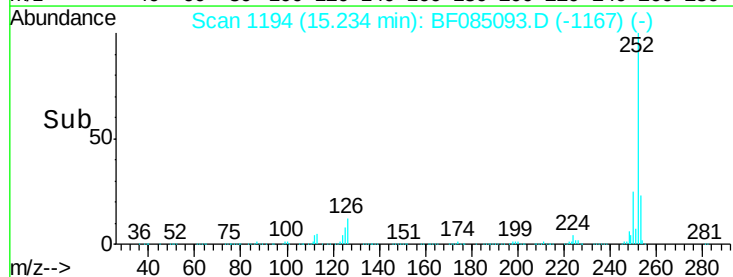
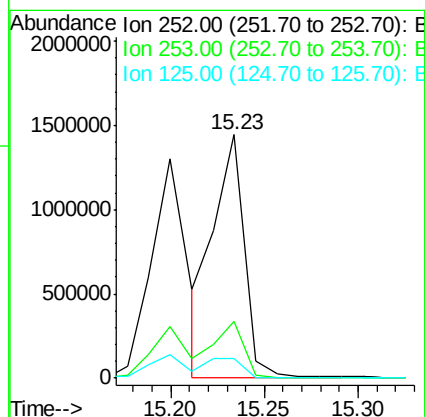
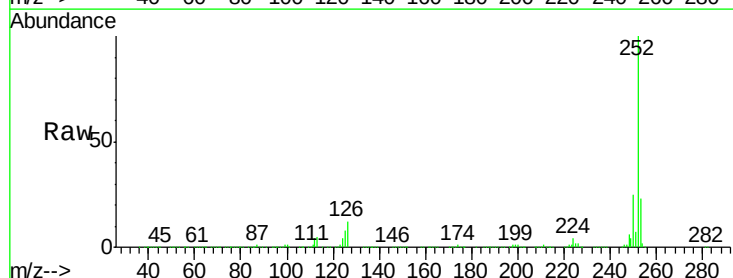
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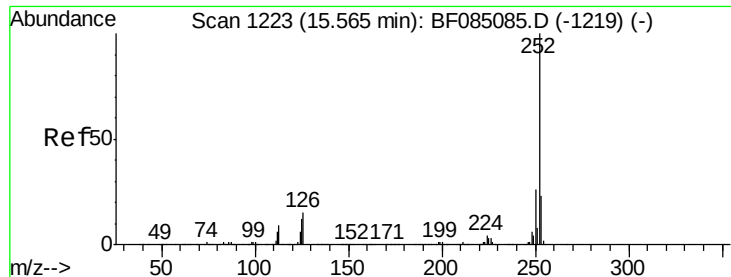
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#88
Benzo(k)fluoranthene
Concen: 65.94 ng m
RT: 15.23 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion:252 Resp: 1693513
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 8.1 7.2 10.8





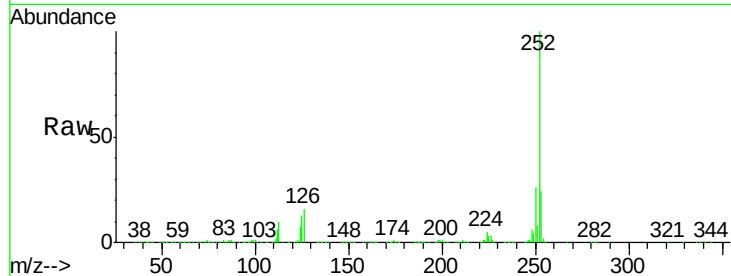
#89
Benzo(a)pyrene
Concen: 58.66 ng
RT: 15.57 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Instrument :
BNA_F
ClientSampleId :
EP005MSD

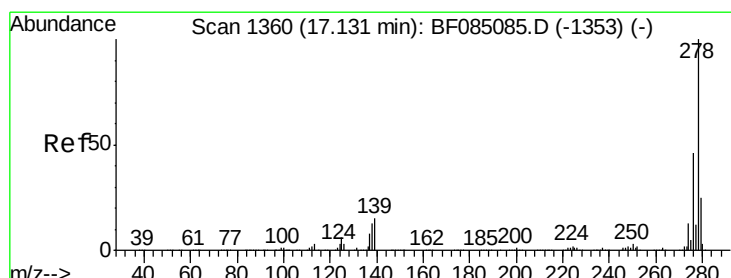
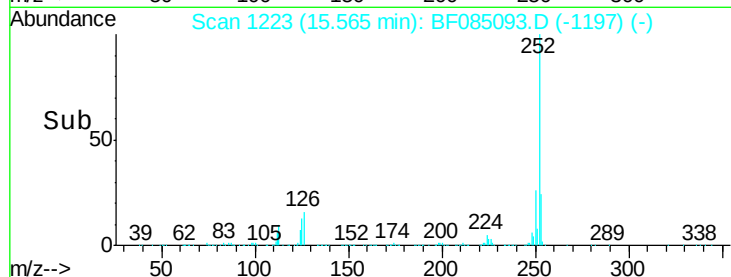
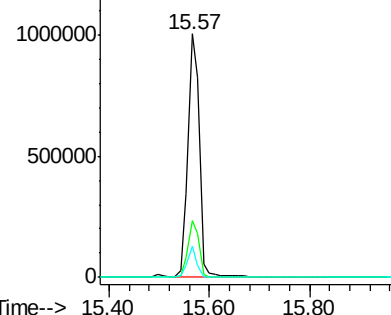
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	12.8	6.1	9.1

Manual Integrations
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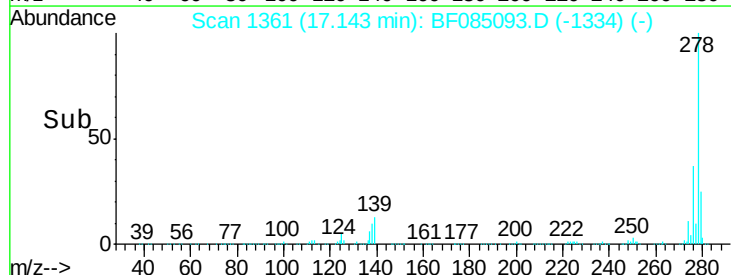
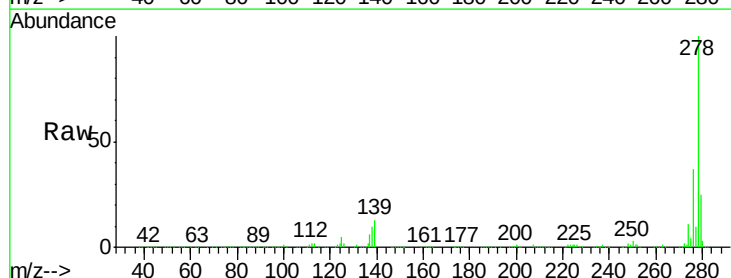
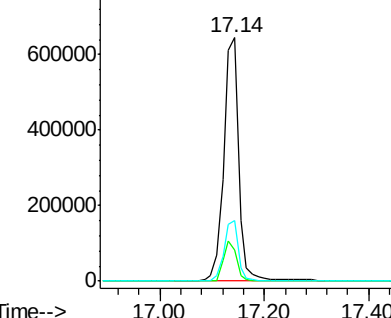
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

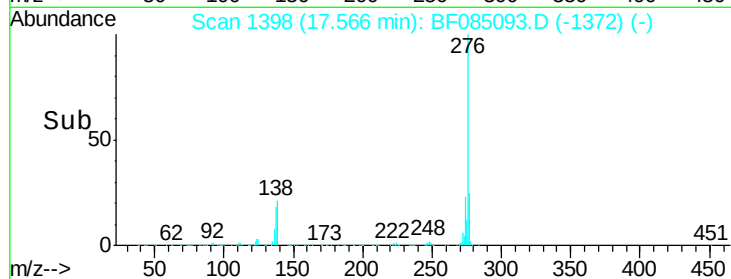
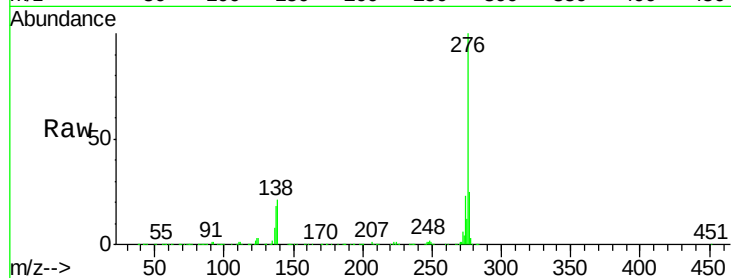
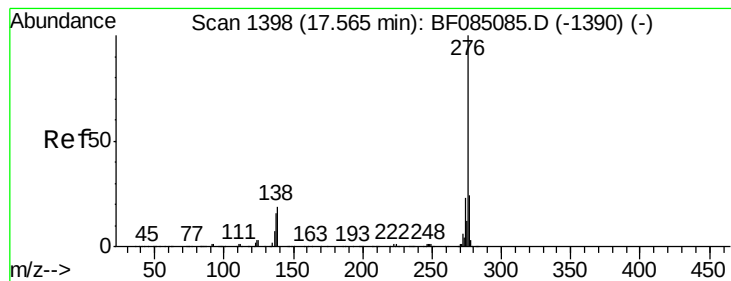


#90
Dibenzo(a,h)anthracene
Concen: 55.76 ng
RT: 17.14 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF085093.D
Acq: 17 Feb 2016 18:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	13.3	19.9
279	24.8	18.6	27.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 56.57 ng

RT: 17.57 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF085093.D

Acq: 17 Feb 2016 18:24

Tot Ion:	276	Resp:	1283981
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.1	28.7
138	21.2	16.6	24.8

Instrument :

BNA_F

ClientSampleId :

EP005MSD

Manual Integrations
APPROVED

Sohil
2/19/2016 7:57:18 AM

