

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088242.D
 Acq On : 22 Jun 2016 6:23
 Operator : UM/SJ
 Sample : H3597-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Manual Integrations
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 6/22/2016 6:08:16 PM

Quant Time: Jun 22 07:02:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:34:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	85452	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	337419	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	157270	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	286296	20.00	ng	0.00
75) Chrysene-d12	13.79	240	200699	20.00	ng	0.00
86) Perylene-d12	15.17	264	174023	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	453518	90.73	ng	0.00
7) Phenol-d6	6.31	99	558590	92.21	ng	0.00
23) Nitrobenzene-d5	7.22	82	343710	59.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	135093	81.35	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	686202	67.40	ng	0.00
78) Terphenyl-d14	12.74	244	587163	66.57	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.15	88	59237	24.39	ng	# 40
3) Pyridine	2.81	79	169598	29.57	ng	91
4) n-Nitrosodimethylamine	2.76	42	76002	31.29	ng	# 74
6) Aniline	6.32	93	190413	22.08	ng	# 23
8) 2-Chlorophenol	6.44	128	197802	33.43	ng	82
10) Phenol	6.32	94	221178	34.80	ng	# 56
11) bis(2-Chloroethyl)ether	6.40	93	198099	37.29	ng	85
12) 1,3-Dichlorobenzene	6.59	146	197666m	31.14	ng	96
13) 1,4-Dichlorobenzene	6.67	146	207727	32.48	ng	95
14) 1,2-Dichlorobenzene	6.82	146	205365	35.31	ng	99
15) Benzyl Alcohol	6.81	79	143859	30.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	206740	28.81	ng	# 21
17) 2-Methylphenol	6.94	107	160331	33.42	ng	# 94
18) Hexachloroethane	7.15	117	73836	32.54	ng	# 80
19) n-Nitroso-di-n-propylamine	7.07	70	119106	30.73	ng	91
20) 3+4-Methylphenols	7.08	107	215663	38.52	ng	# 81
22) Acetophenone	7.07	105	261525	34.68	ng	97
24) Nitrobenzene	7.24	77	208042	37.17	ng	99
25) Isophorone	7.48	82	363417	33.95	ng	96
26) 2-Nitrophenol	7.56	139	102336	34.13	ng	# 74
27) 2,4-Dimethylphenol	7.61	122	181354	32.85	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	248716	37.47	ng	98
29) 2,4-Dichlorophenol	7.80	162	169757	36.83	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	174579	34.78	ng	98
31) Naphthalene	7.95	128	560759	33.58	ng	99
32) Benzoic acid	7.61	122	181354	59.66	ng	# 13
33) 4-Chloroaniline	8.02	127	151530	20.32	ng	# 91
34) Hexachlorobutadiene	8.08	225	89883	33.96	ng	99
35) Caprolactam	8.39	113	53828	35.26	ng	# 82
36) 4-Chloro-3-methylphenol	8.51	107	167689	34.02	ng	95
37) 2-Methylnaphthalene	8.65	142	388329	35.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	156054	35.55	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	53492	21.09	ng	100
42) 2,4,6-Trichlorophenol	8.94	196	94200	29.95	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	91820	28.06	nq	97
45) 1,1'-Biphenyl	9.12	154	462187	38.22	nq	96
46) 2-Chloronaphthalene	9.14	162	355952	34.98	nq	93
47) 2-Nitroaniline	9.24	65	102841	34.26	nq	# 81
48) Acenaphthylene	9.55	152	552597	34.14	nq	99
49) Dimethylphthalate	9.43	163	645638	56.67	nq	100
50) 2,6-Dinitrotoluene	9.48	165	89021	34.12	nq	# 58
51) Acenaphthene	9.72	154	331324	32.81	nq	99
52) 3-Nitroaniline	9.66	138	85228	28.31	nq	93
53) 2,4-Dinitrophenol	9.78	184	8388	10.09	nq	93
54) Dibenzofuran	9.90	168	475243	34.17	nq	94
55) 4-Nitrophenol	9.84	139	86191	36.89	nq	99
56) 2,4-Dinitrotoluene	9.90	165	114369	34.11	nq	# 80
57) Fluorene	10.24	166	373134	39.07	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	76171	29.62	nq	# 57
59) Diethylphthalate	10.12	149	419457	36.37	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	151717	32.80	nq	94
61) 4-Nitroaniline	10.27	138	107891	37.78	nq	95
62) Azobenzene	10.39	77	407089	35.70	nq	97
64) 4,6-Dinitro-2-methylphenol	10.31	198	29437	17.89	nq	# 66
65) n-Nitrosodiphenylamine	10.35	169	353532	37.21	nq	100
66) 4-Bromophenyl-phenylether	10.72	248	105345	34.30	nq	94
67) Hexachlorobenzene	10.78	284	105846	33.17	nq	97
68) Atrazine	10.88	200	92454	32.14	nq	90
69) Pentachlorophenol	10.98	266	63134	37.53	nq	97
70) Phenanthrene	11.19	178	538189	35.82	nq	99
71) Anthracene	11.24	178	566557	37.39	nq	98
72) Carbazole	11.40	167	540938	38.15	nq	98
73) Di-n-butylphthalate	11.74	149	628133	34.99	nq	99
74) Fluoranthene	12.38	202	589117	37.16	nq	96
76) Benzidine	12.50	184	235341	42.35	nq	98
77) Pyrene	12.59	202	580722	38.99	nq	99
79) Butylbenzylphthalate	13.22	149	257792	39.15	nq	89
80) Benzo(a)anthracene	13.78	228	406621	35.55	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	99549	32.37	nq	# 97
82) Chrysene	13.82	228	419173	38.96	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	318547	39.74	nq	100
84) Di-n-octyl phthalate	14.39	149	519727	39.90	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.46	276	379334	37.95	nq	# 100
87) Benzo(b)fluoranthene	14.79	252	495703m	40.87	nq	
88) Benzo(k)fluoranthene	14.82	252	233877m	25.56	nq	
89) Benzo(a)pyrene	15.12	252	364954	37.19	nq	# 95
90) Dibenzo(a,h)anthracene	16.46	278	318100	34.90	nq	98
91) Benzo(g,h,i)perylene	16.83	276	335701	35.81	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.00 min

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BNA_F

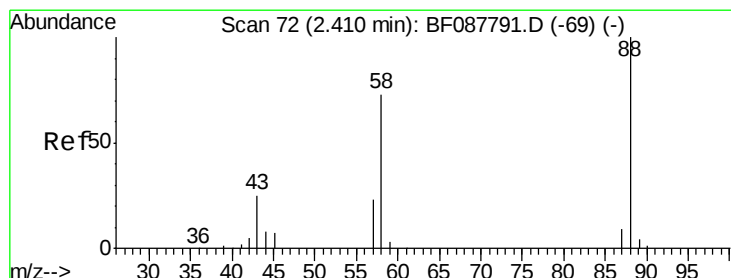
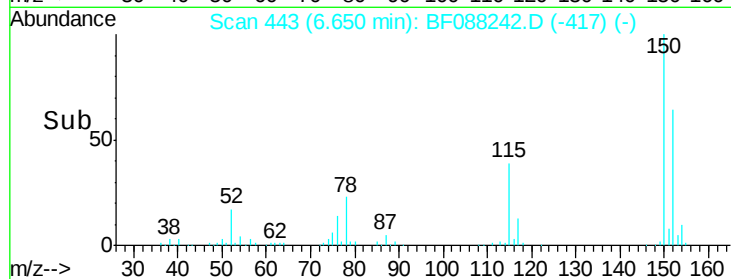
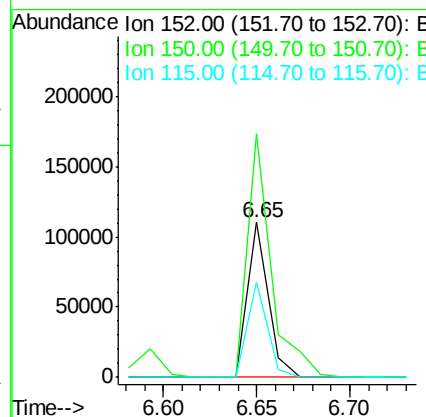
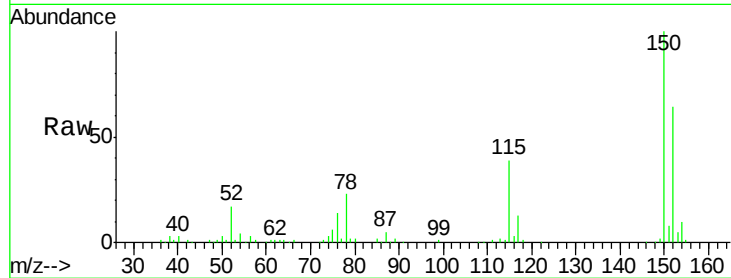
ClientSampleId :

EDD-3EMSD

Tot Ion:	152	Resp:	85452
Ion Ratio	Lower	Upper	
152	100		
150	157.2	123.8	185.6
115	61.1	39.6	59.4

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#2

1,4-Dioxane

Concen: 24.39 ng

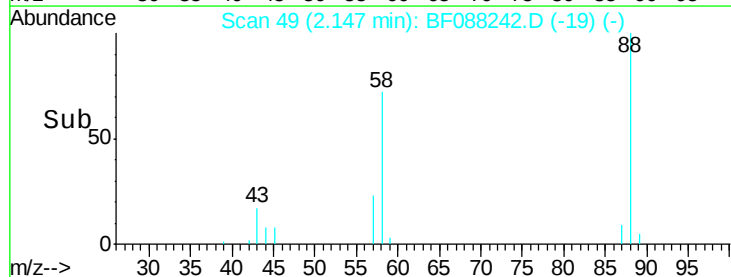
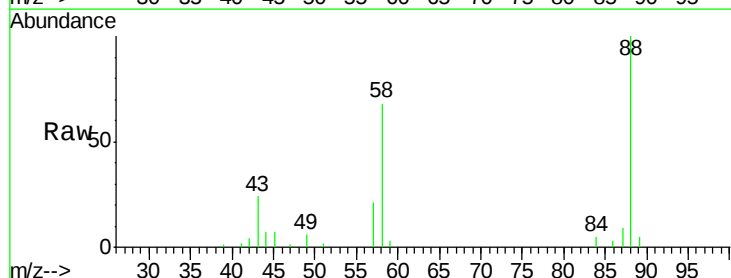
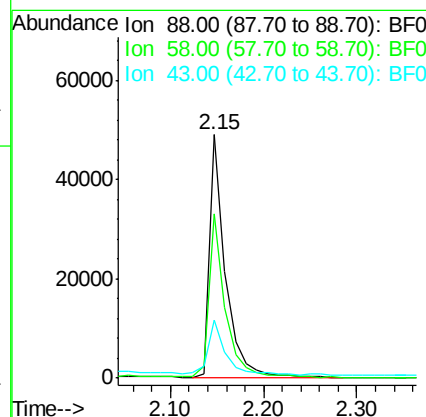
RT: 2.15 min Scan# 49

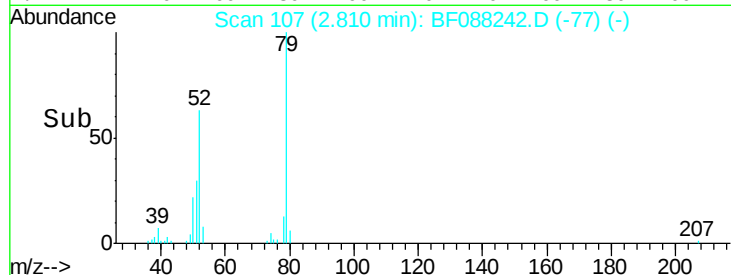
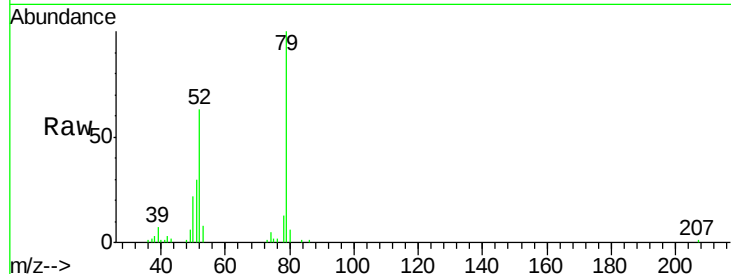
Delta R.T. 0.05 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	88	Resp:	59237
Ion Ratio	Lower	Upper	
88	100		
58	71.0	0.0	0.0
43	24.0	3.4	5.2





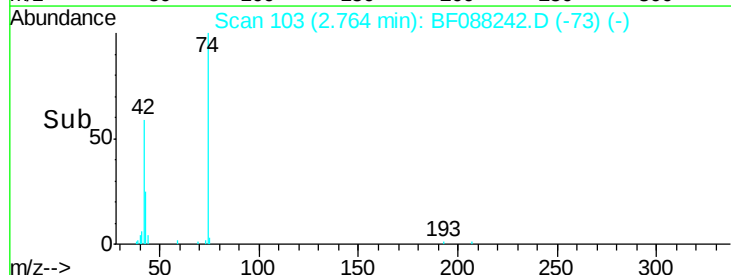
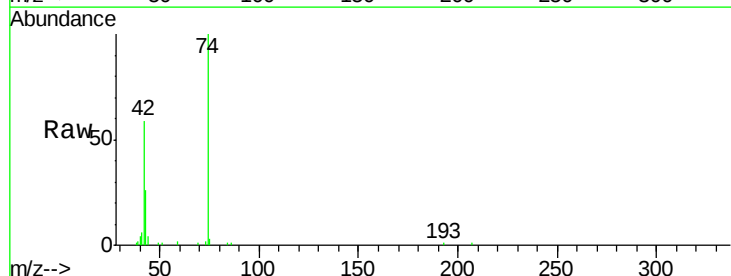
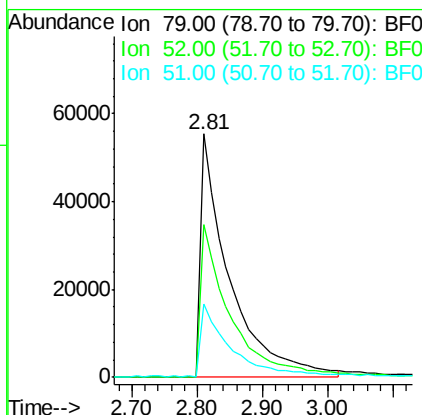
#3
Pvridine
Concen: 29.57 ng
RT: 2.81 min Scan# 107
Delta R.T. 0.05 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	169598		
52	52	62.6		56.3	84.5
51	51	30.3		27.4	41.2

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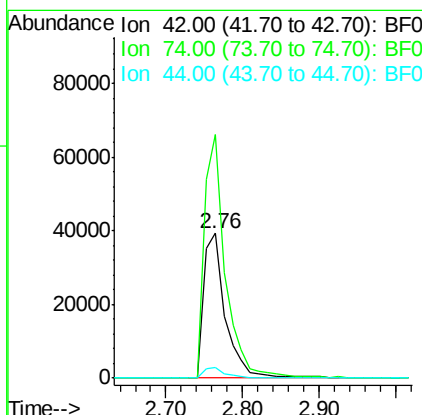
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#4
n-Nitrosodimethylamine
Concen: 31.29 ng
RT: 2.76 min Scan# 103
Delta R.T. 0.05 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	76002		
74	74	168.3		108.6	163.0#
44	44	7.2		5.5	8.3





#5

2-Fluorophenol

Concen: 90.73 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

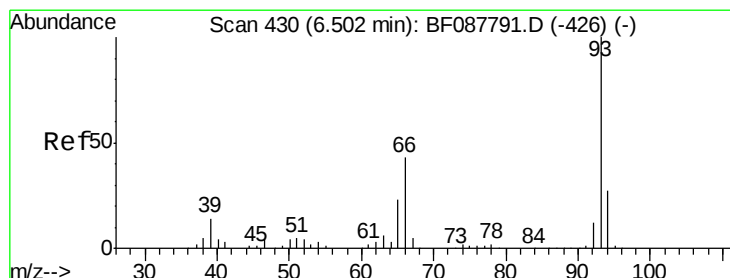
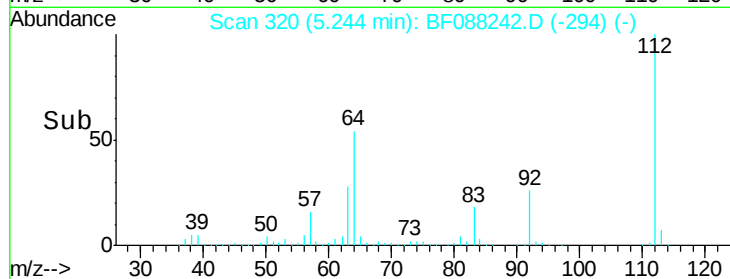
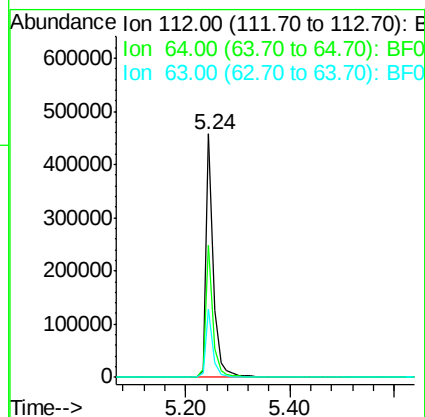
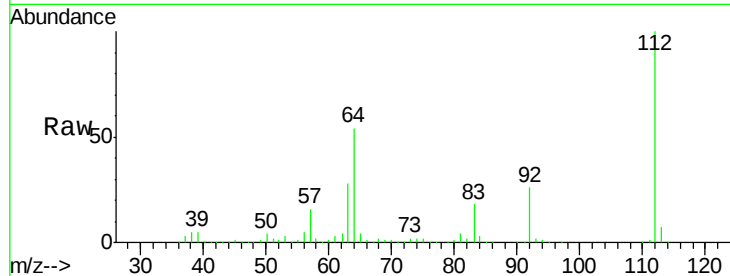
ClientSampleId :

EDD-3EMSD

Tot Ion:	112	Resp:	453518
Ion Ratio	Lower	Upper	
112	100		
64	54.2	42.2	63.2
63	28.0	21.8	32.8

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#6

Aniline

Concen: 22.08 ng

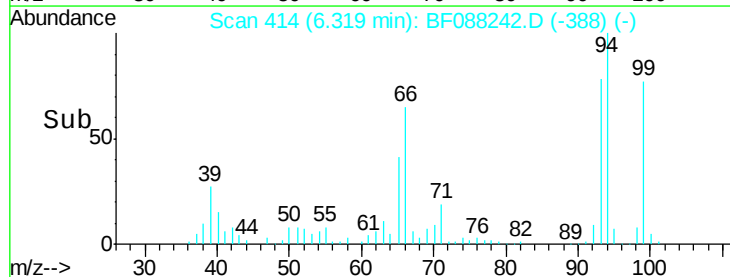
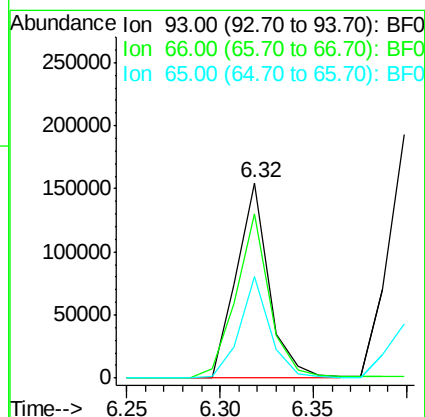
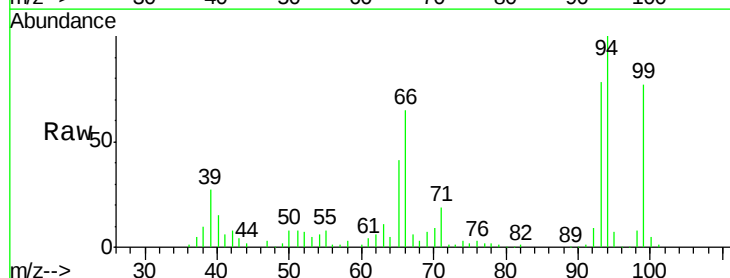
RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	93	Resp:	190413
Ion Ratio	Lower	Upper	
93	100		
66	83.8	29.8	44.8#
65	52.2	14.9	22.3#





#7

Phenol-d6

Concen: 92.21 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

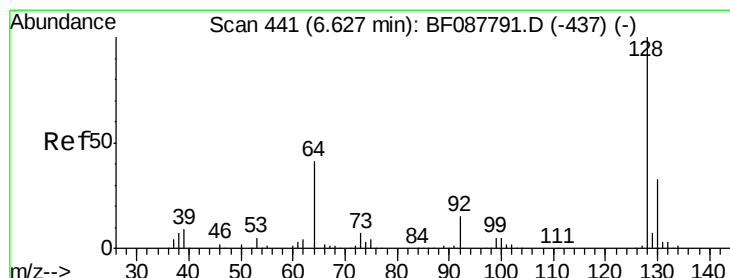
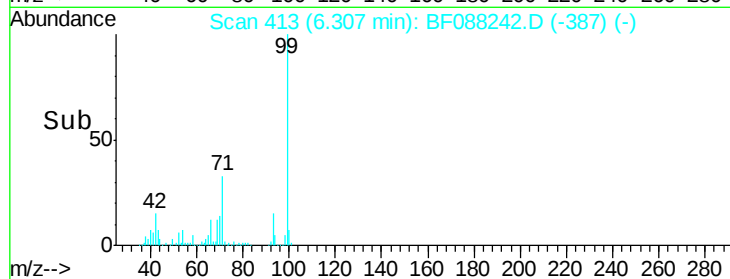
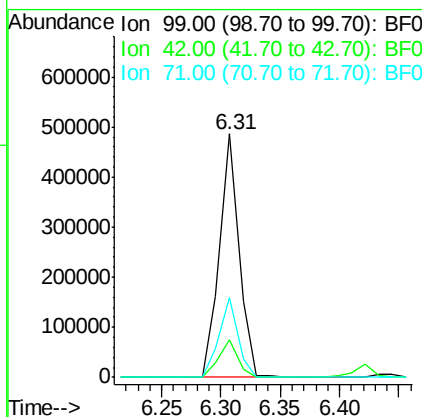
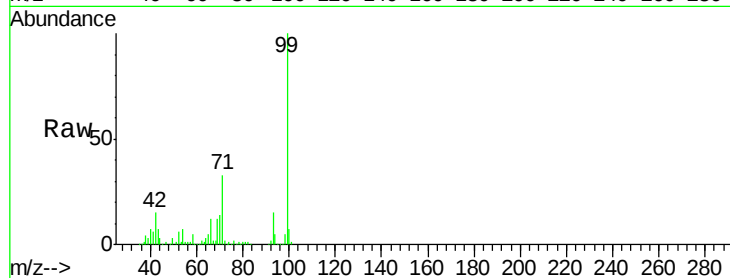
ClientSampleId :

EDD-3EMSD

Tot Ion:	99	Resp:	558590
Ion Ratio	Lower	Upper	
99	100		
42	15.2	12.2	18.2
71	32.9	23.4	35.0

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#8

2-Chlorophenol

Concen: 33.43 ng

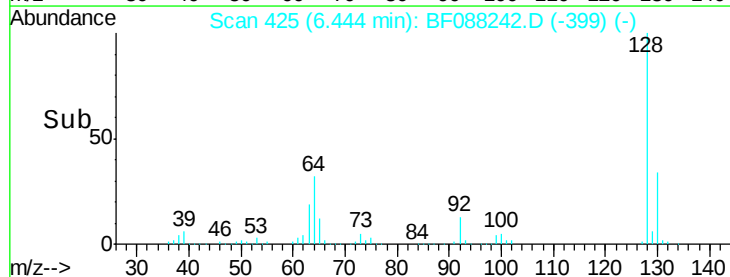
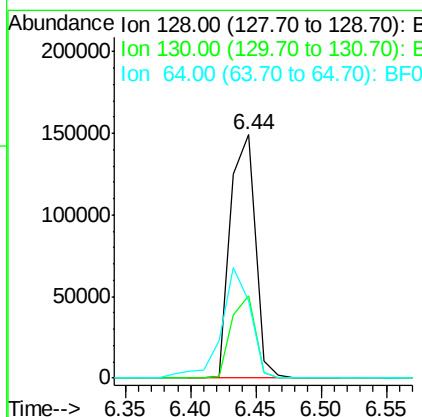
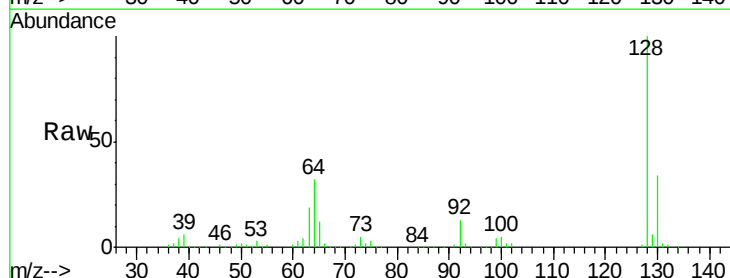
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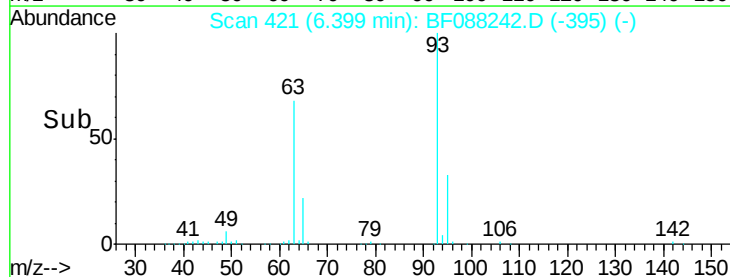
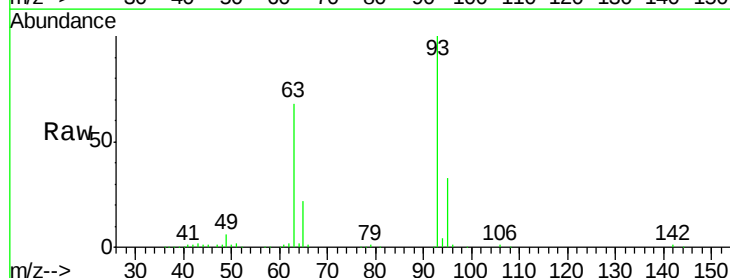
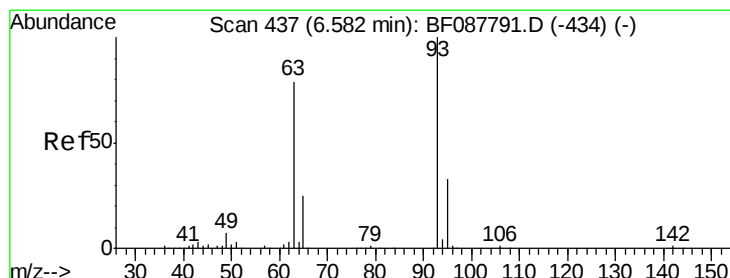
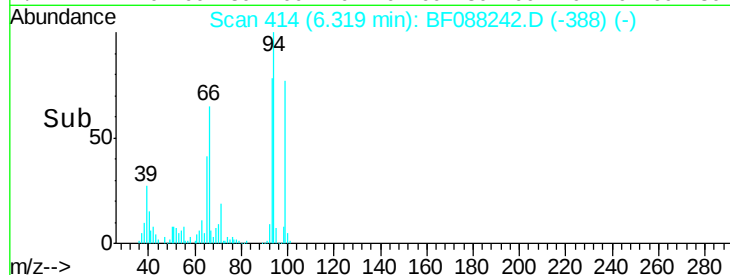
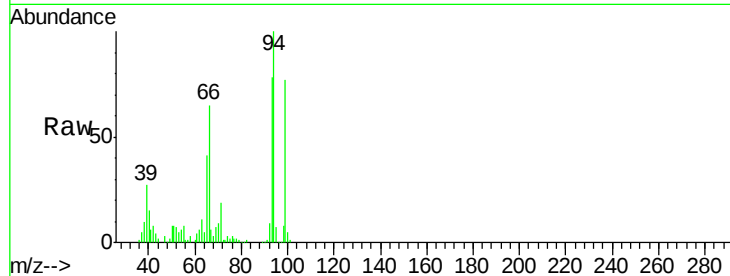
Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	128	Resp:	197802
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.0	52.0
64	31.9	30.8	70.8





#10

Phenol

Concen: 34.80 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tot Ion:	94	Resp:	221178
Ion Ratio	Lower	Upper	
94	100		
65	40.8	5.9	45.9
66	65.4	14.0	54.0#

Instrument :

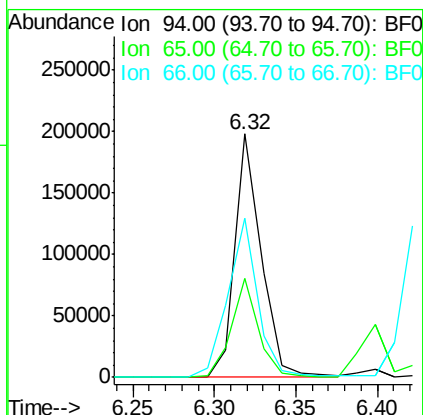
BNA_F

ClientSampleId :

EDD-3EMSD

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#11

bis(2-Chloroethyl)ether

Concen: 37.29 ng

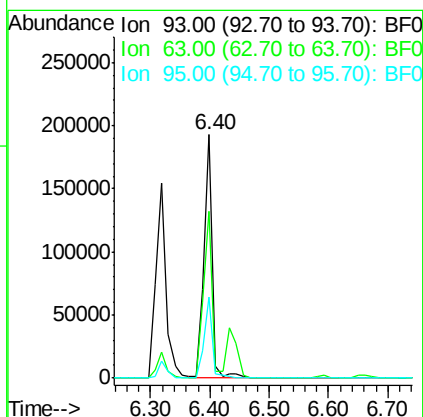
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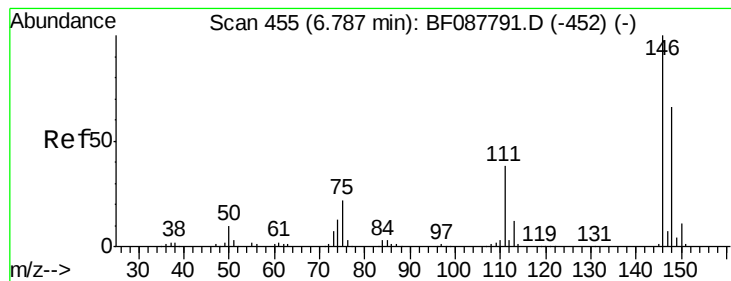
Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	93	Resp:	198099
Ion Ratio	Lower	Upper	
93	100		
63	68.3	67.6	107.6
95	33.0	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 31.14 ng/mL

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

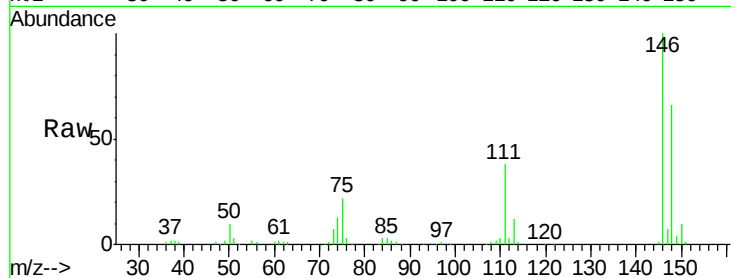
ClientSampleID :

EDD-3EMSD

Tot Ion:	146	Resp:	197666
Ion Ratio	Lower	Upper	
146	100		
148	65.9	50.9	76.3
75	22.1	25.6	38.4

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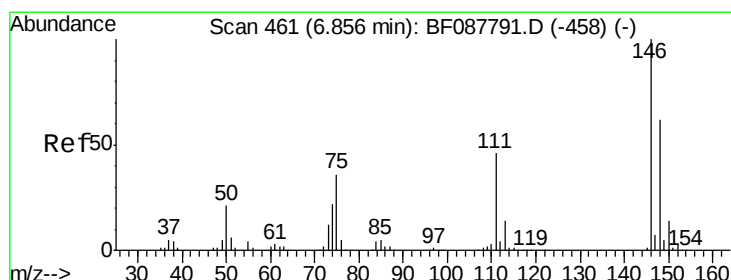
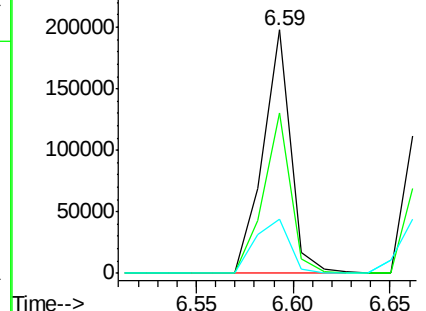
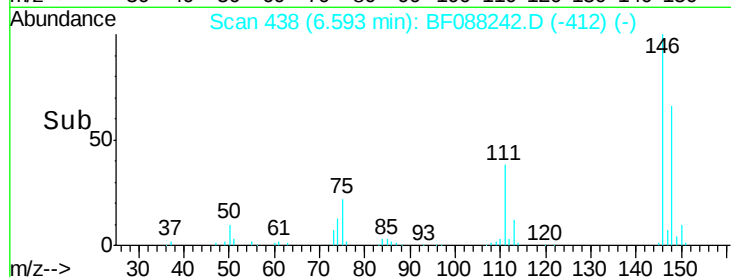
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): E



#13

1,4-Dichlorobenzene

Concen: 32.48 ng/mL

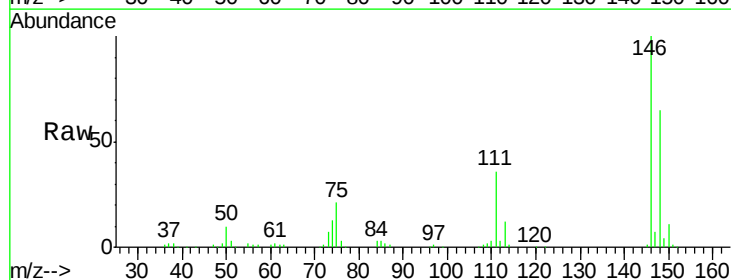
RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

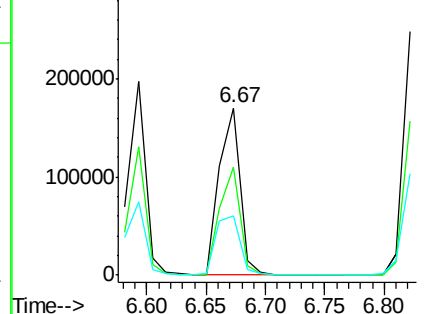
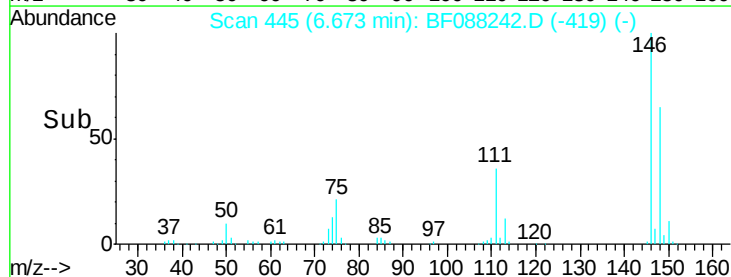
Tgt Ion:	146	Resp:	207727
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.0	78.0
111	35.6	33.8	50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 35.31 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

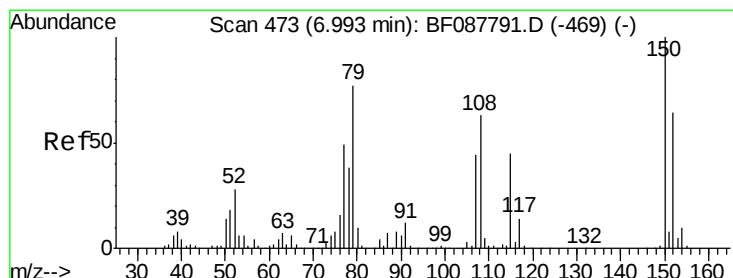
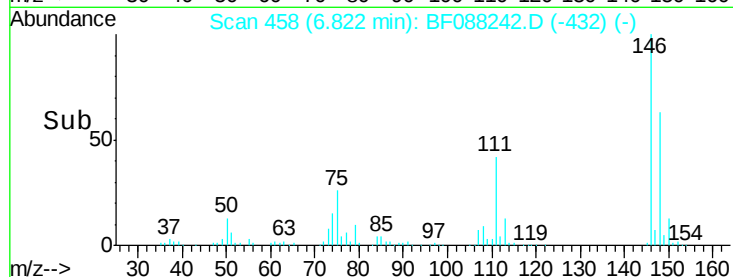
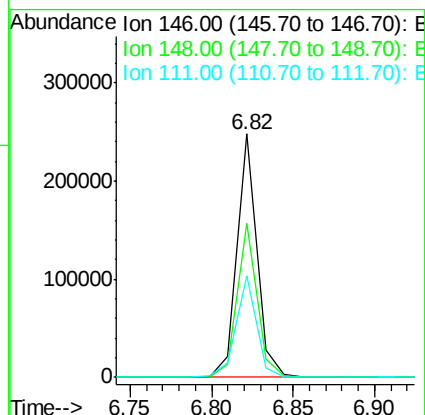
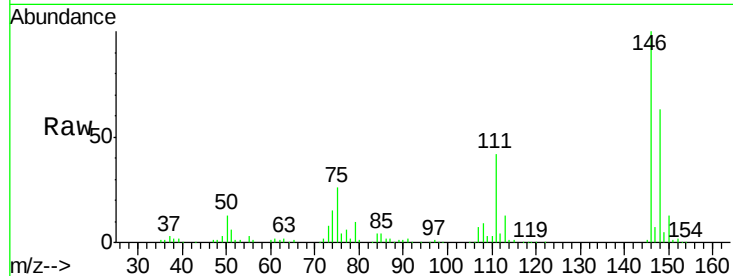
ClientSampleId :

EDD-3EMSD

Tot Ion:	146	Resp:	205365
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.3	78.5
111	41.7	28.7	43.1

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#15

Benzyl Alcohol

Concen: 30.35 ng

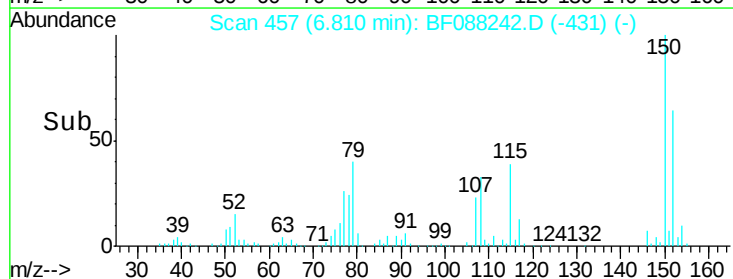
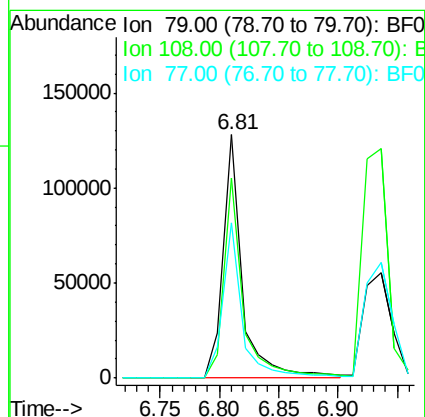
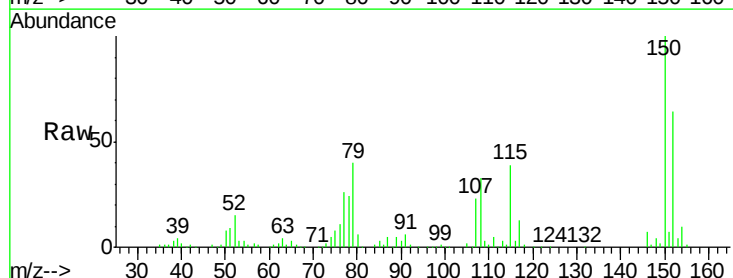
RT: 6.81 min Scan# 457

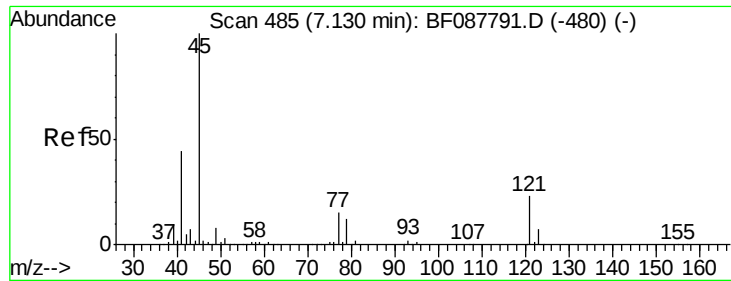
Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	79	Resp:	143859
Ion Ratio	Lower	Upper	
79	100		
108	82.0	65.0	97.6
77	63.9	50.3	75.5





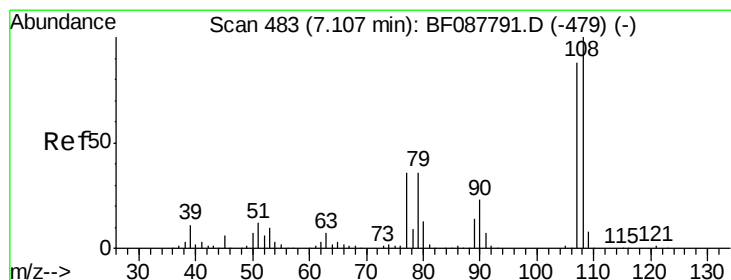
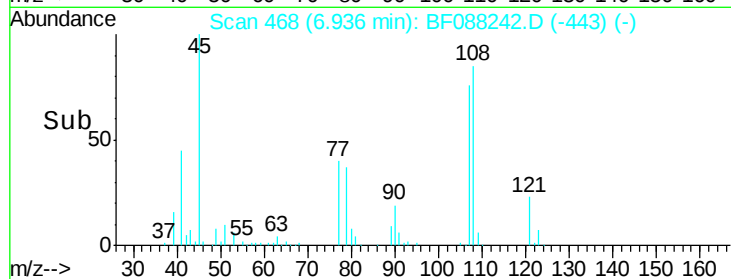
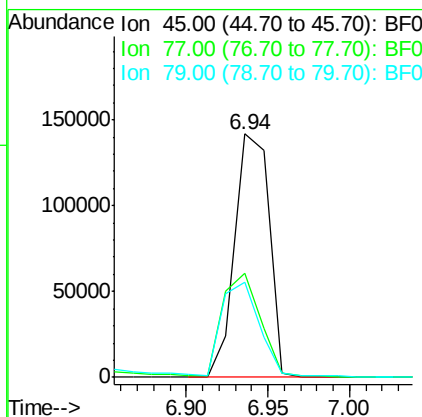
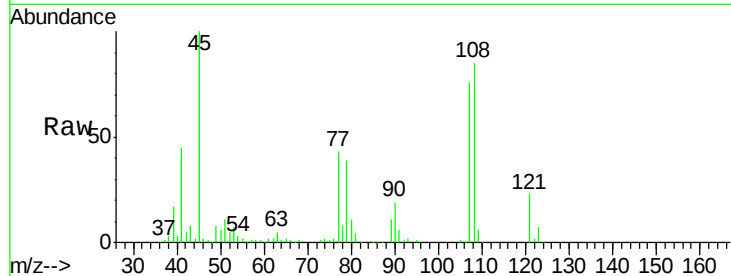
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 28.81 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	43.0	0.0	32.5#
79	39.0	0.0	29.5#

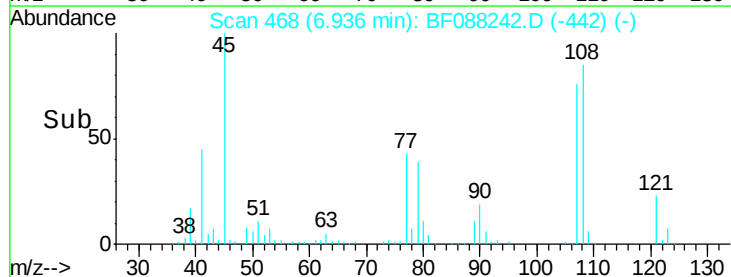
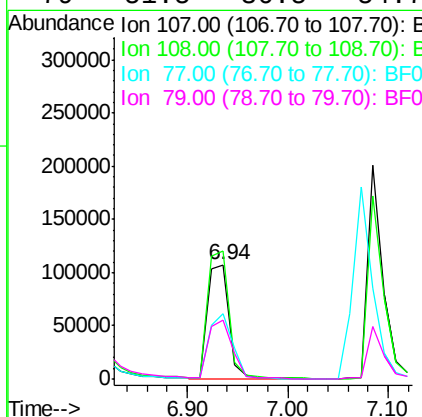
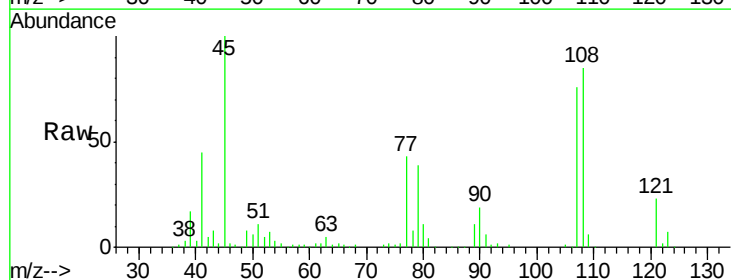
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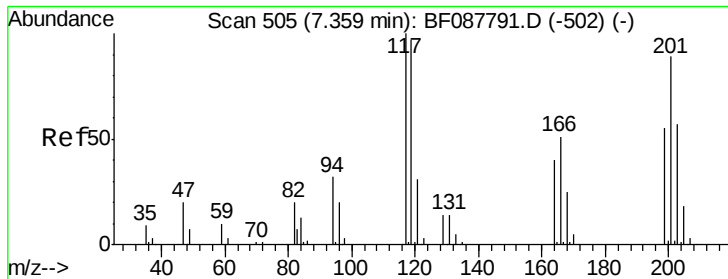
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#17
2-Methylphenol
Concen: 33.42 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.2	90.9	136.3
77	56.8	36.6	55.0#
79	51.5	36.5	54.7





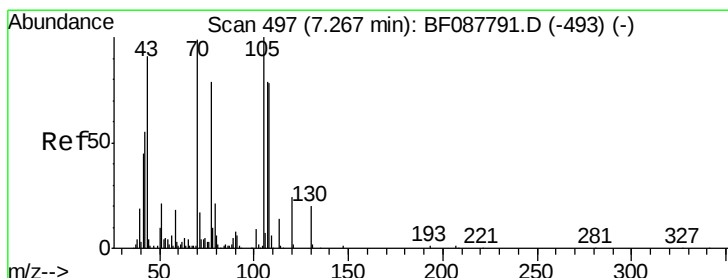
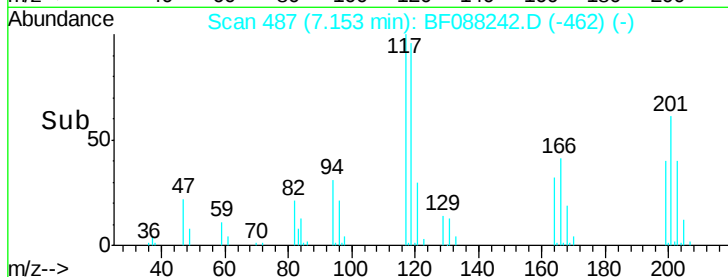
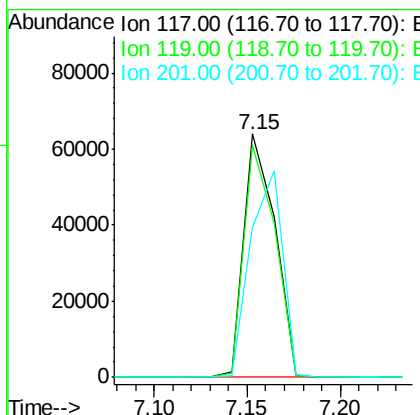
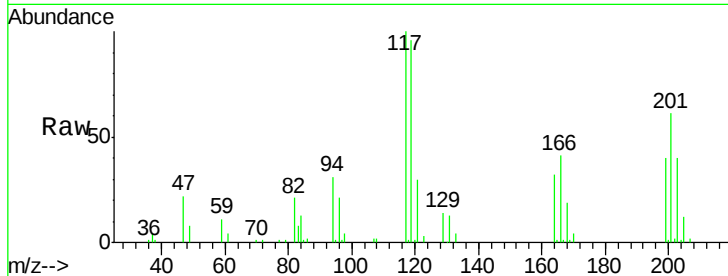
#18
Hexachloroethane
Concen: 32.54 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	73836		
119	95.6	77.4	116.2	
201	61.4	80.4	120.6	

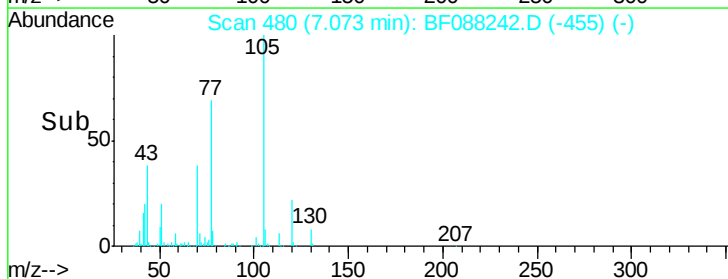
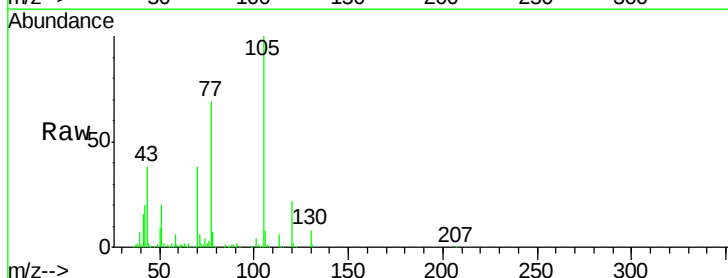
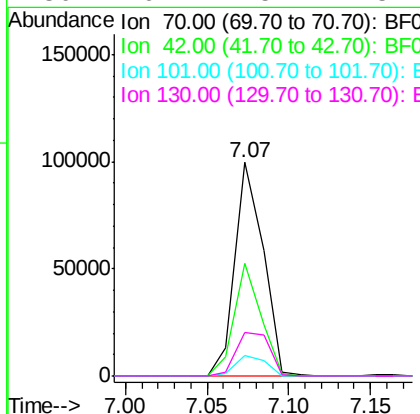
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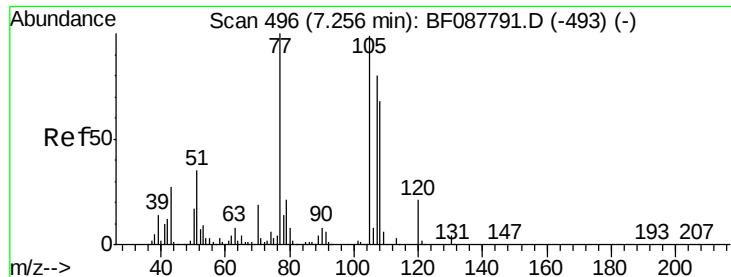
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#19
n-Nitroso-di-n-propylamine
Concen: 30.73 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	119106		
42	52.7	49.6	74.4	
101	9.7	7.1	10.7	
130	20.4	15.4	23.2	





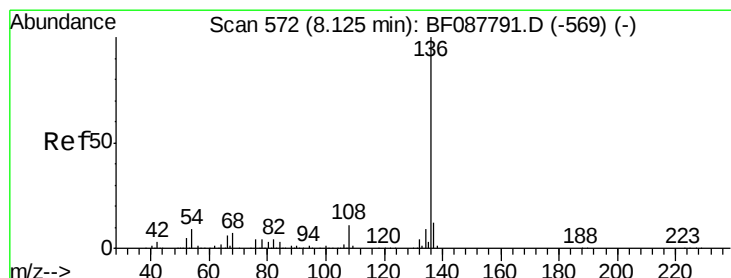
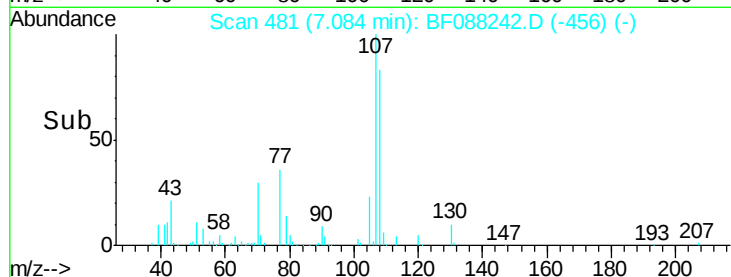
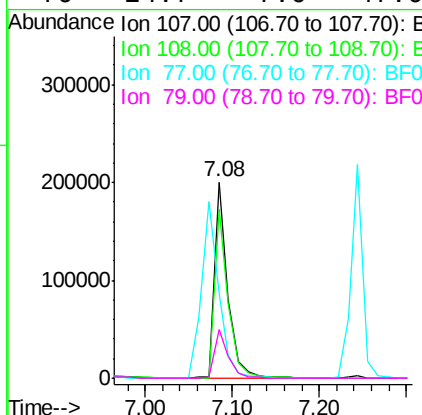
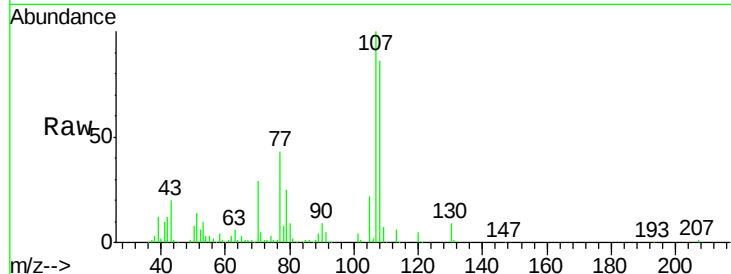
#20
3+4-Methylphenols
Concen: 38.52 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	215663		
108	85.8	67.8	107.8	
77	42.7	59.3	99.3#	
79	24.7	7.0	47.0	

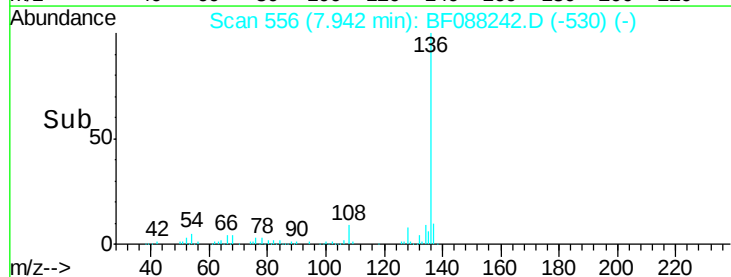
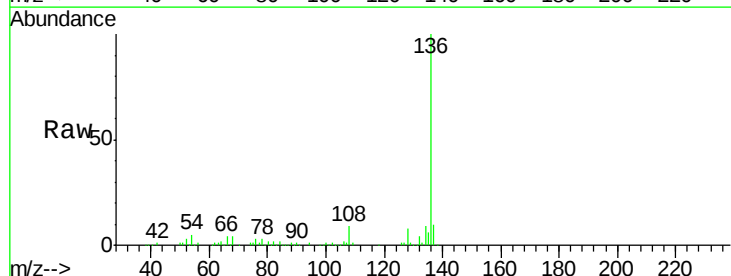
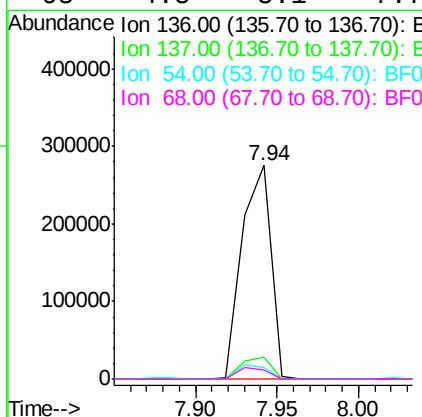
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	337419		
137	10.3	9.1	13.7	
54	5.3	6.6	10.0#	
68	4.5	5.1	7.7#	





#22

Acetophenone

Concen: 34.68 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF088242.D

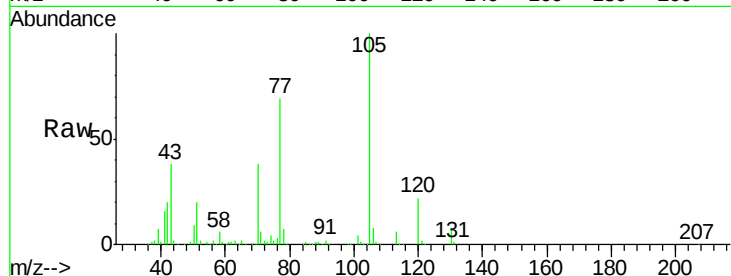
Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

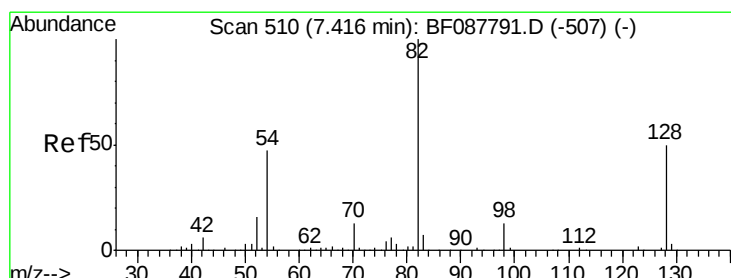
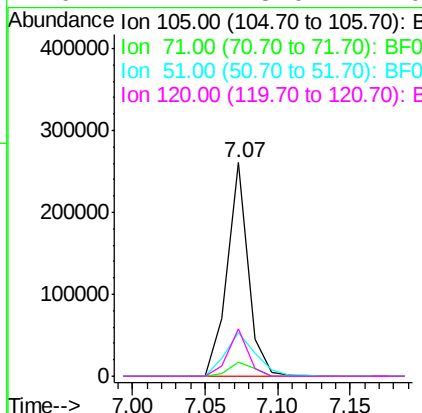
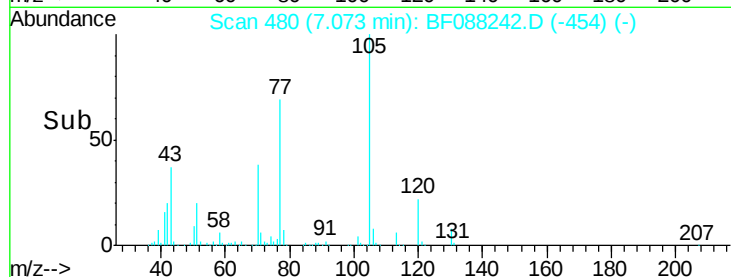
EDD-3EMSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	261525		
71	71	6.4	5.3	7.9	
51	51	20.3	18.2	27.4	
120	120	22.2	18.0	27.0	

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#23

Nitrobenzene-d5

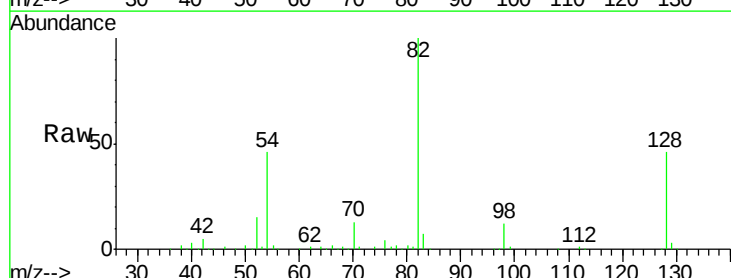
Concen: 59.48 ng

RT: 7.22 min Scan# 493

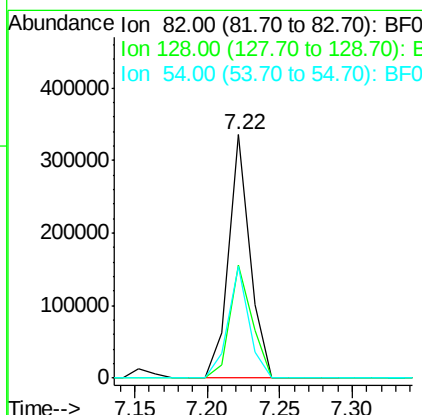
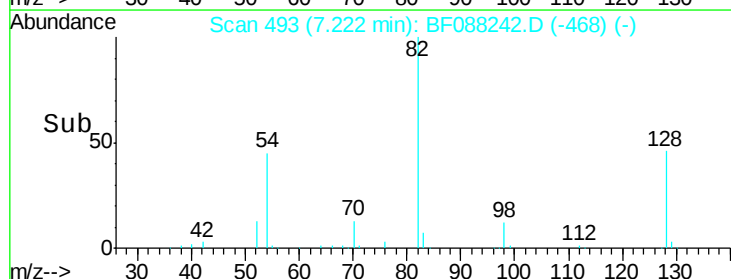
Delta R.T. -0.01 min

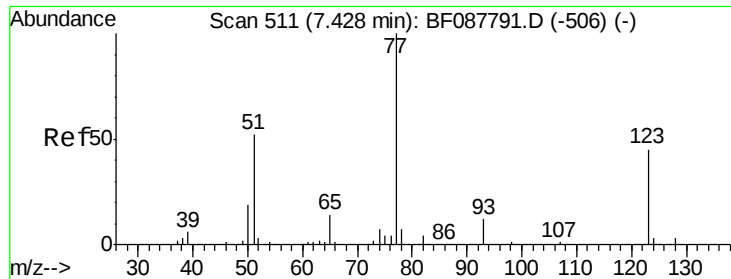
Lab File: BF088242.D

Acq: 22 Jun 2016 6:23



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	343710		
128	128	46.2	35.9	53.9	
54	54	45.8	40.9	61.3	





#24

Nitrobenzene

Concen: 37.17 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

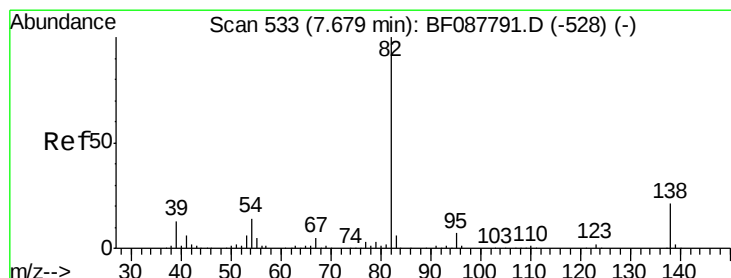
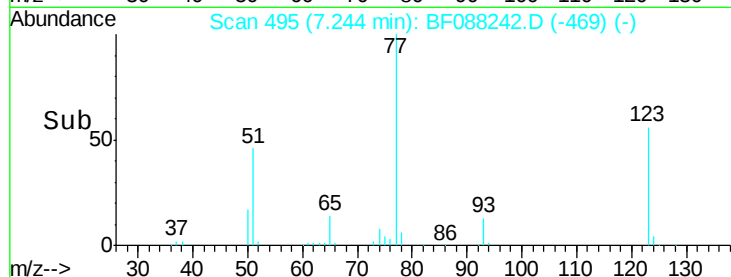
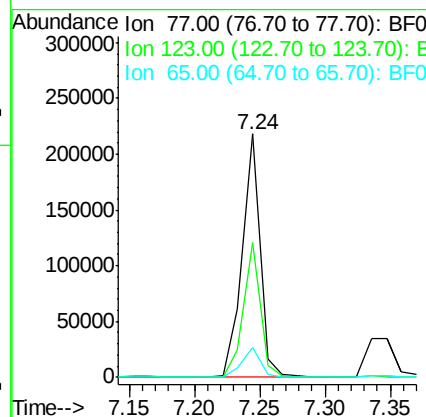
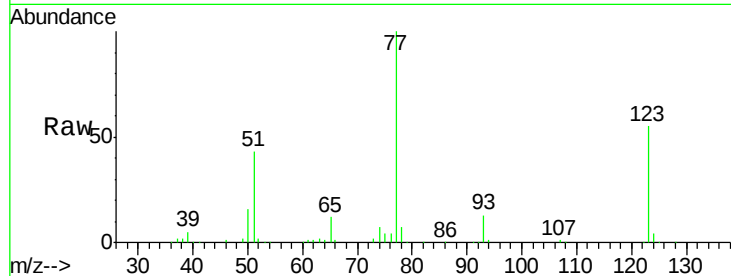
ClientSampleId :

EDD-3EMSD

Tot Ion:	77	Resp:	208042
Ion Ratio	Lower	Upper	
77	100		
123	55.2	45.0	67.4
65	12.5	10.2	15.2

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#25

Isophorone

Concen: 33.95 ng

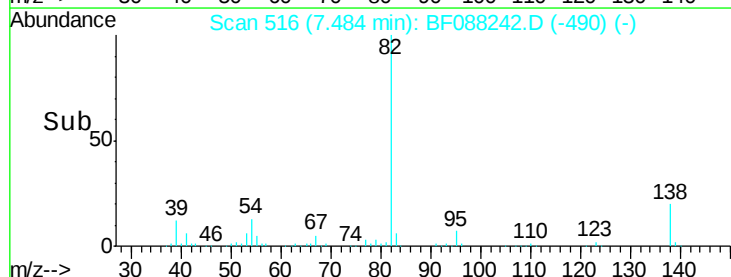
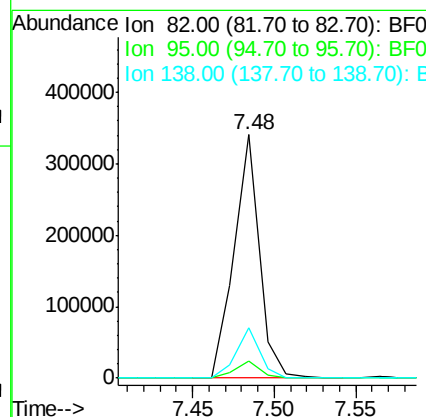
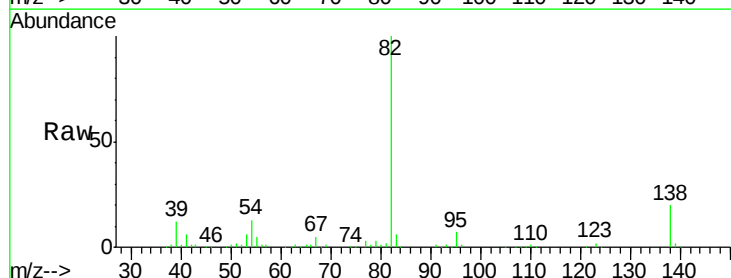
RT: 7.48 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	82	Resp:	363417
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	20.4	14.6	21.8





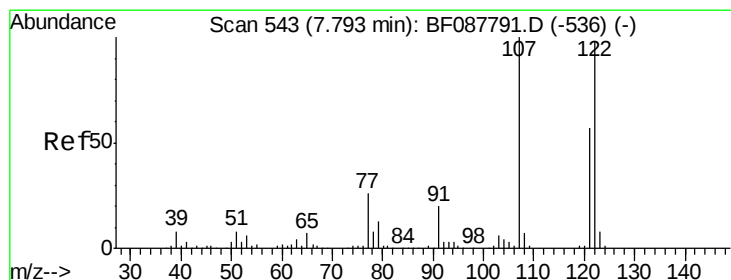
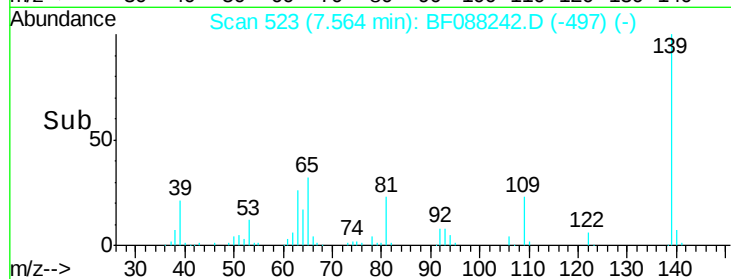
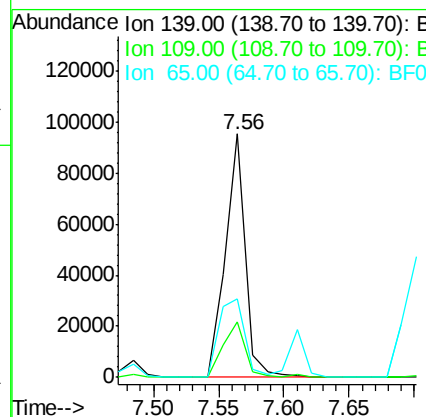
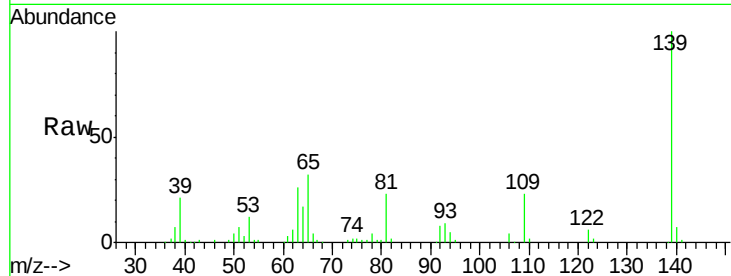
#26
2-Nitrophenol
Concen: 34.13 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Resp Lower	Upper
139	100		
109	23.0	23.0	34.4
65	32.2	45.8	68.8

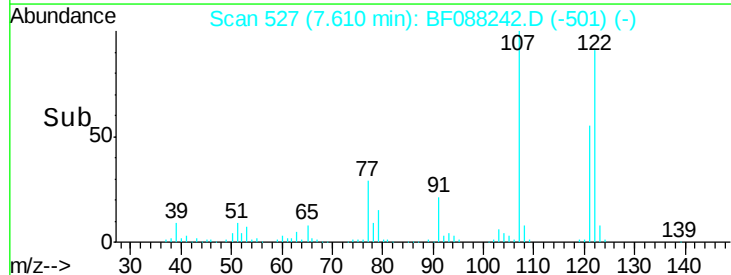
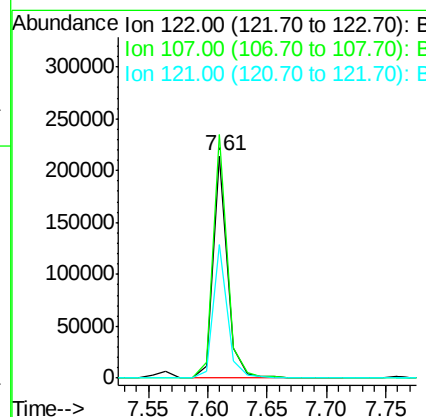
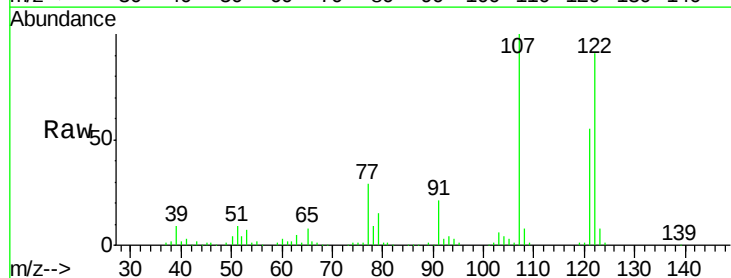
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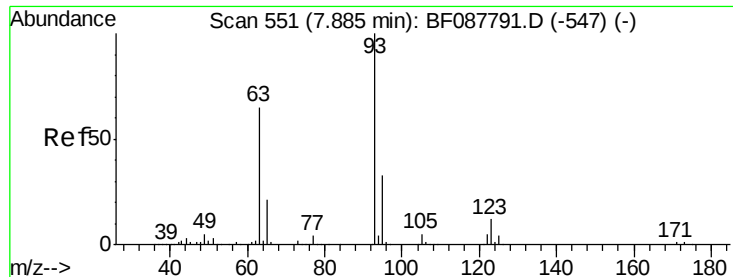
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#27
2,4-Dimethylphenol
Concen: 32.85 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
107	109.5	82.4	123.6
121	59.8	46.3	69.5





#28

bis(2-Chloroethoxy)methane

Concen: 37.47 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

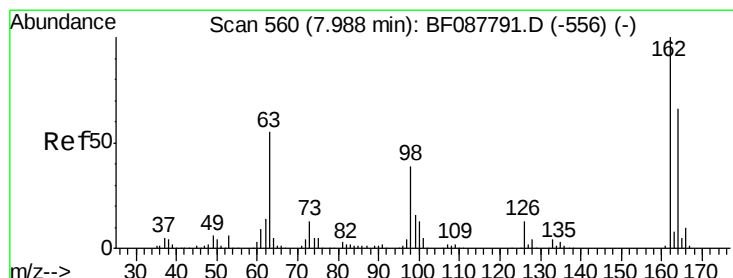
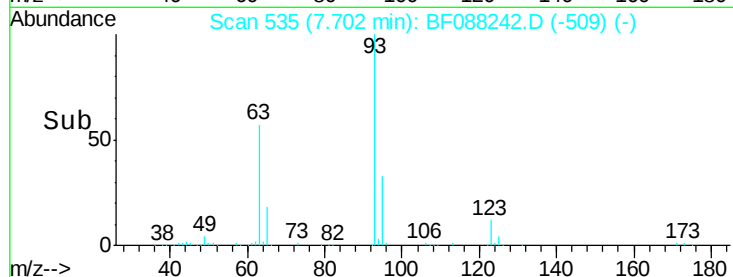
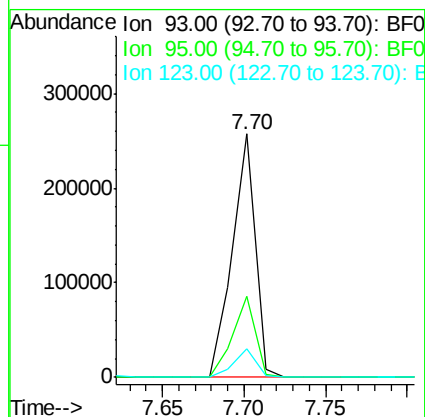
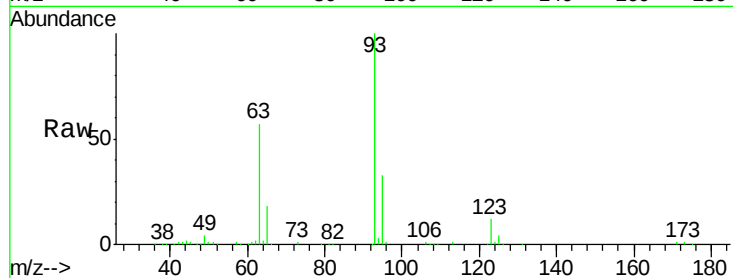
ClientSampleId :

EDD-3EMSD

Tot Ion:	93	Resp:	248716
Ion Ratio		Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.9	11.6	17.4

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#29

2,4-Dichlorophenol

Concen: 36.83 ng

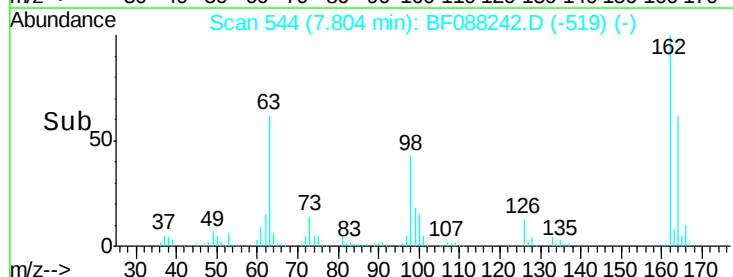
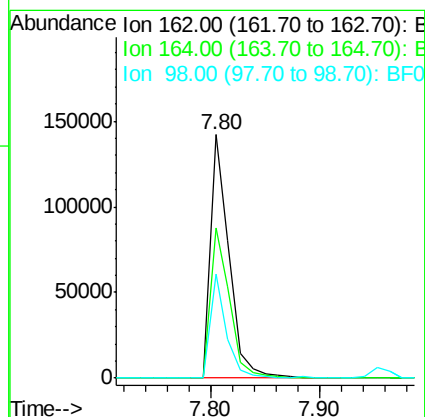
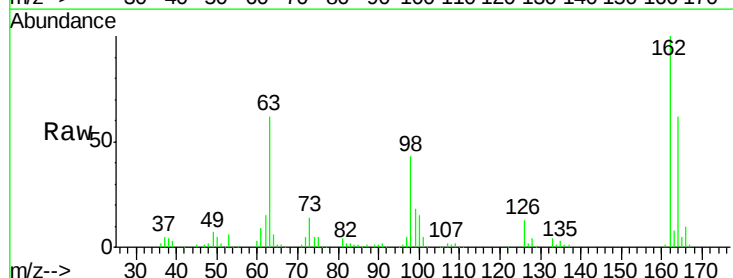
RT: 7.80 min Scan# 544

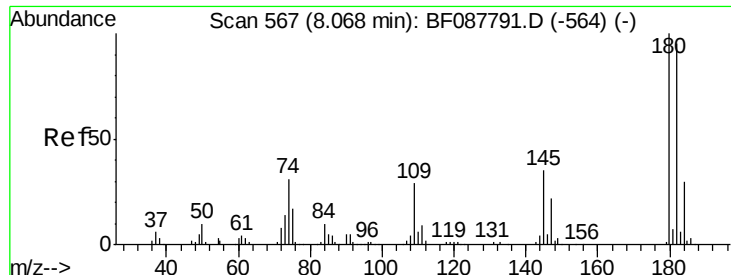
Delta R.T. -0.01 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	162	Resp:	169757
Ion Ratio		Lower	Upper
162	100		
164	61.8	43.8	83.8
98	43.0	21.3	61.3





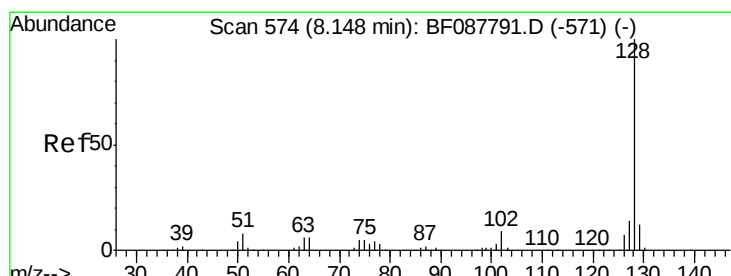
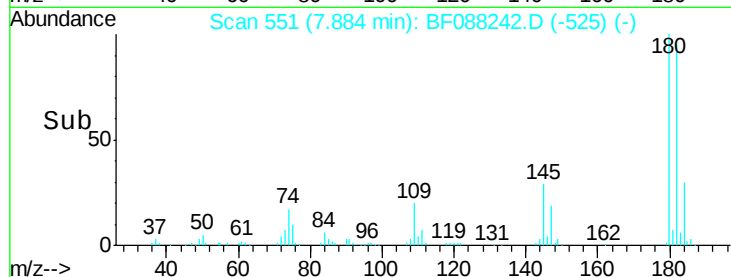
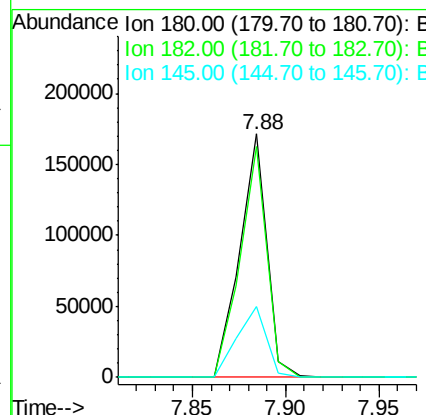
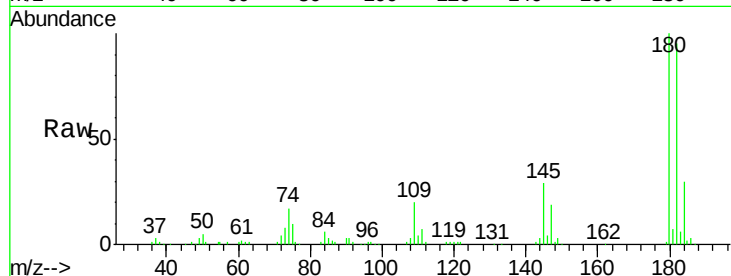
#30
 1,2,4-Trichlorobenzene
 Concen: 34.78 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	174579		
182	95.0	76.0	114.0	
145	28.8	26.5	39.7	

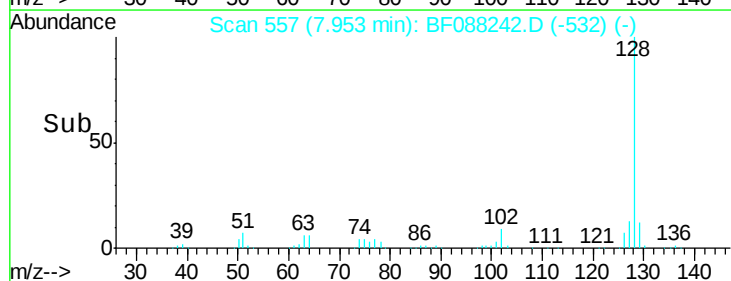
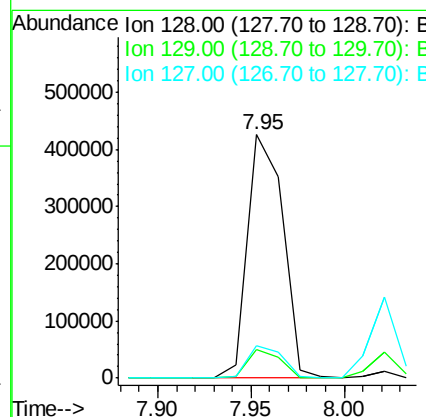
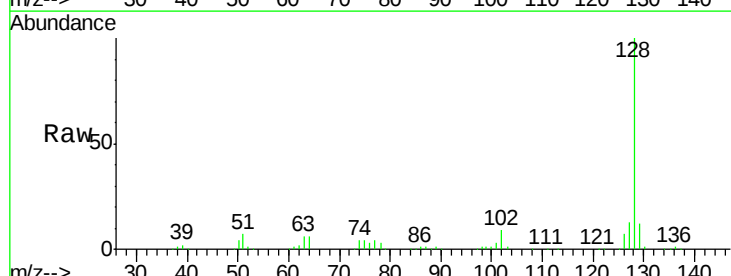
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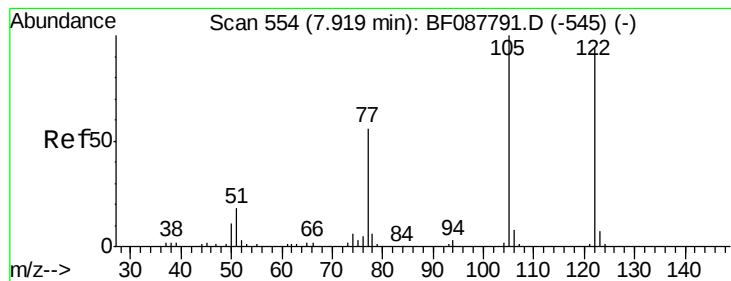
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#31
 Naphthalene
 Concen: 33.58 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	560759		
129	11.5	9.4	14.2	
127	13.4	10.9	16.3	





#32

Benzoic acid

Concen: 59.66 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.15 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

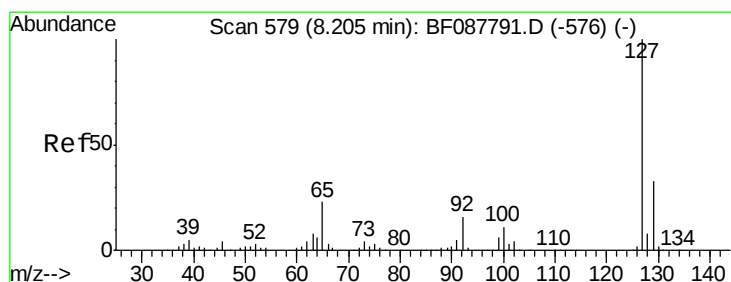
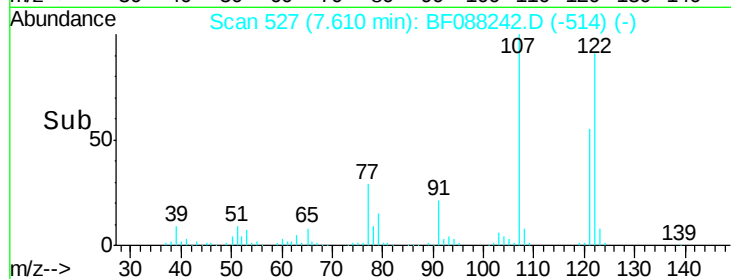
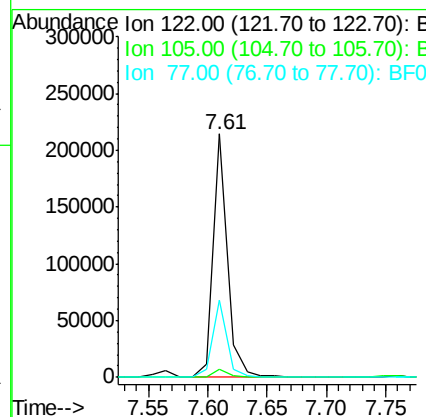
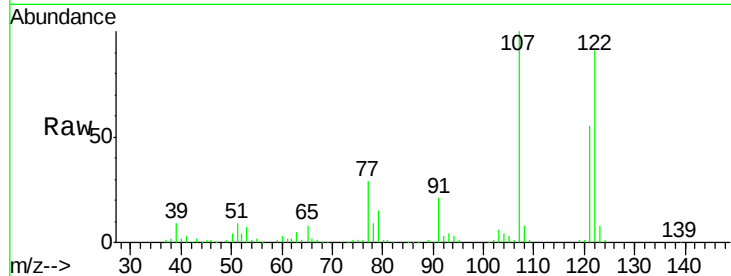
ClientSampleId :

EDD-3EMSD

Tot Ion:	122	Resp:	181354
Ion Ratio	Lower	Upper	
122	100		
105	3.6	101.6	141.6#
77	31.5	70.6	110.6#

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#33

4-Chloroaniline

Concen: 20.32 ng

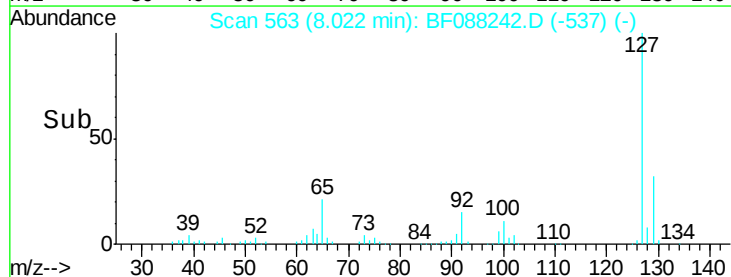
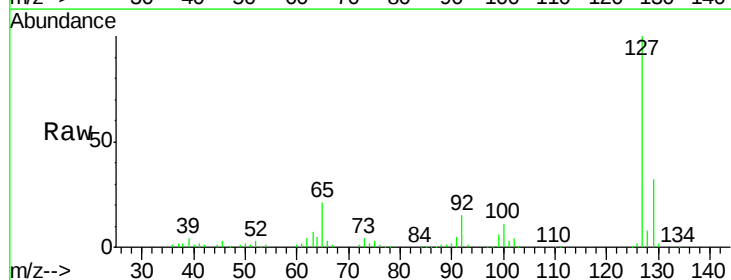
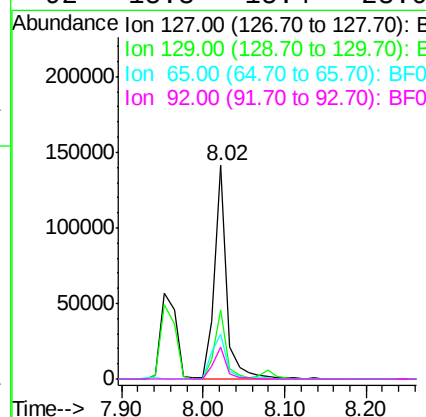
RT: 8.02 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	127	Resp:	151530
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.3	39.5
65	21.2	24.7	37.1#
92	15.3	15.4	23.0#





#34

Hexachlorobutadiene

Concen: 33.96 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

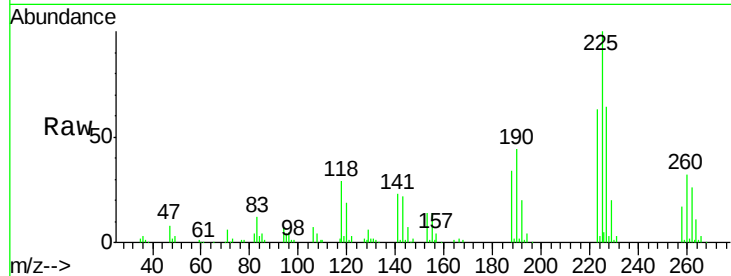
ClientSampleId :

EDD-3EMSD

Tot Ion:	225	Resp:	89883
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.9	76.3
227	64.2	51.9	77.9

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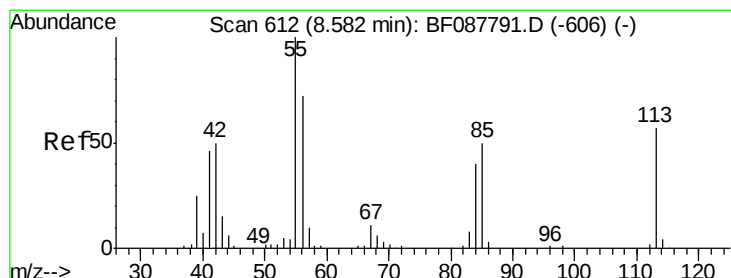
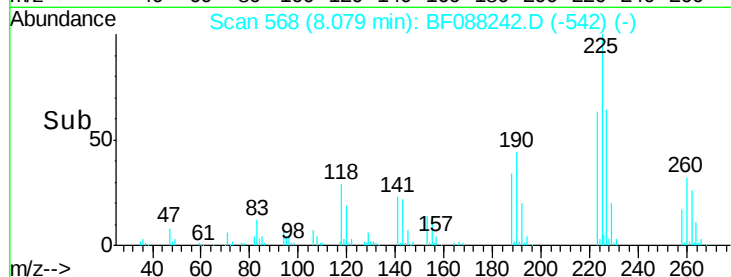
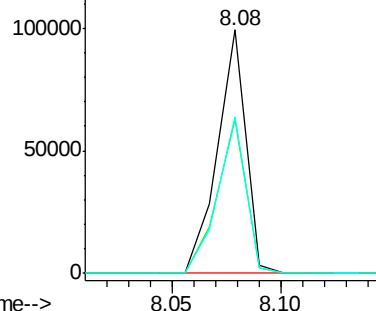
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 35.26 ng

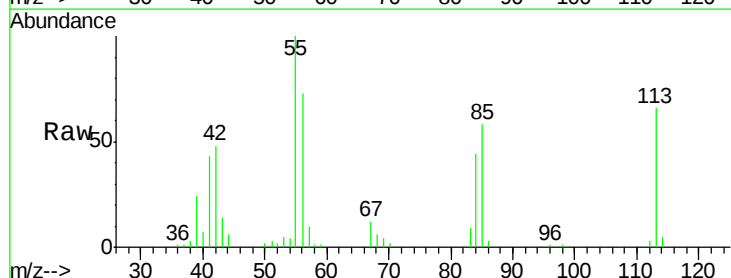
RT: 8.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

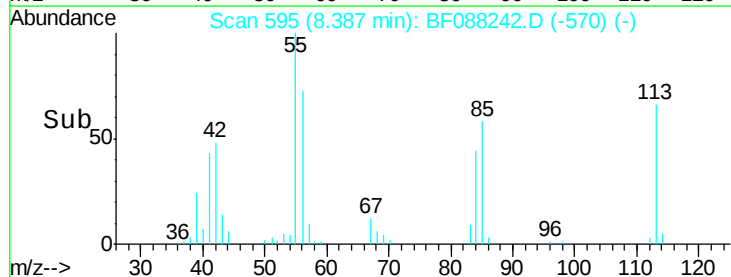
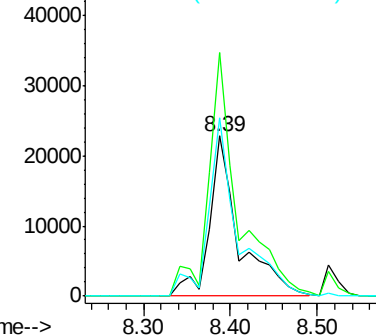
Tgt Ion:	113	Resp:	53828
Ion Ratio	Lower	Upper	
113	100		
55	152.1	158.6	198.6#
56	111.8	110.6	150.6

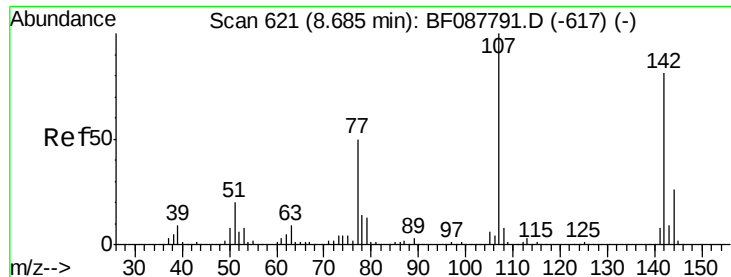


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 34.02 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

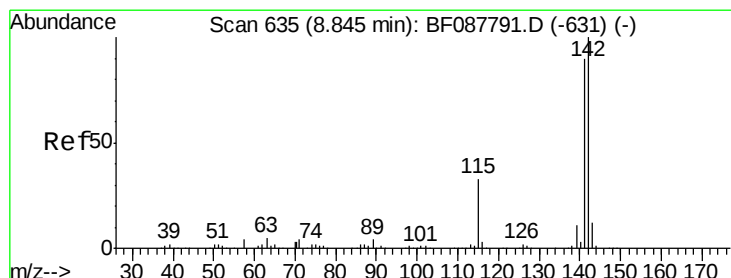
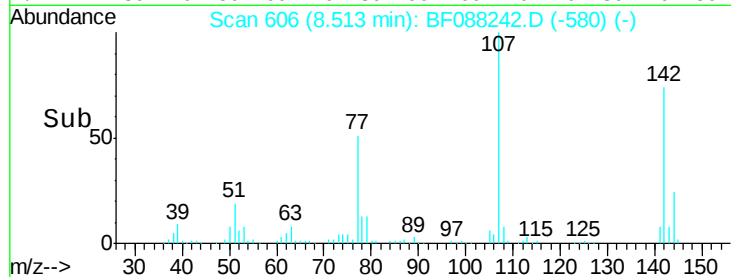
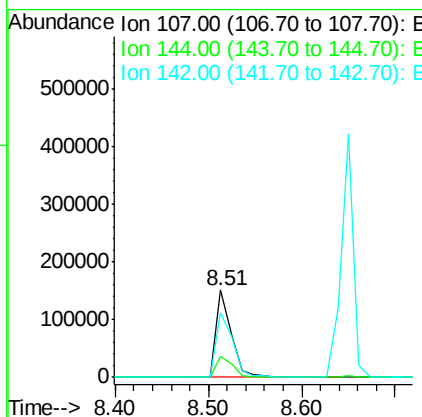
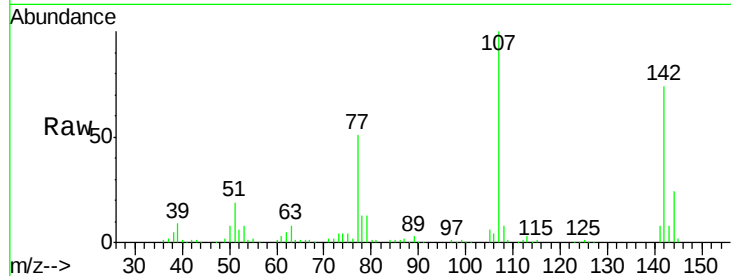
ClientSampled :

EDD-3EMSD

Tot Ion:	107	Resp:	167689
Ion Ratio	Lower	Upper	
107	100		
144	23.9	20.8	31.2
142	74.1	63.4	95.2

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#37

2-Methylnaphthalene

Concen: 35.28 ng

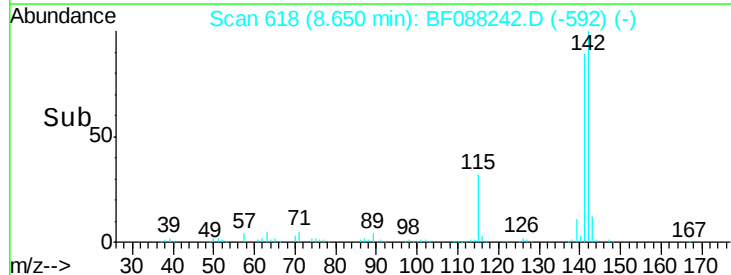
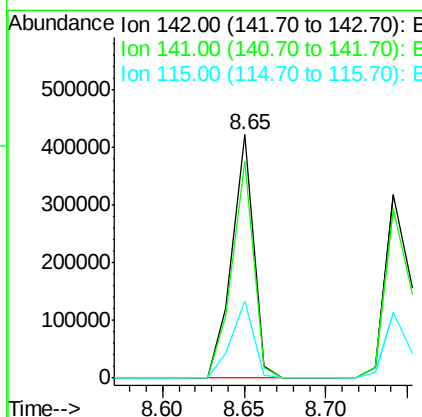
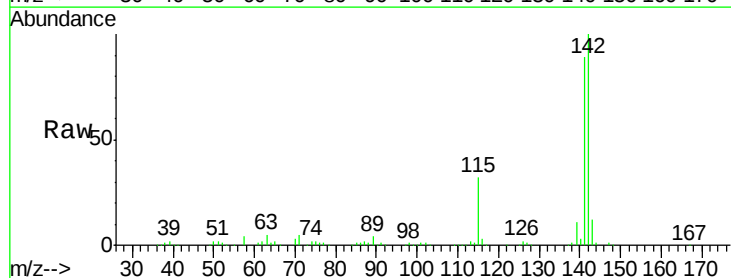
RT: 8.65 min Scan# 618

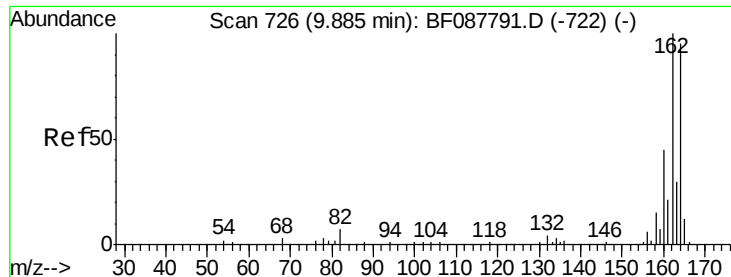
Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	142	Resp:	388329
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.0	106.6
115	31.8	22.6	33.8





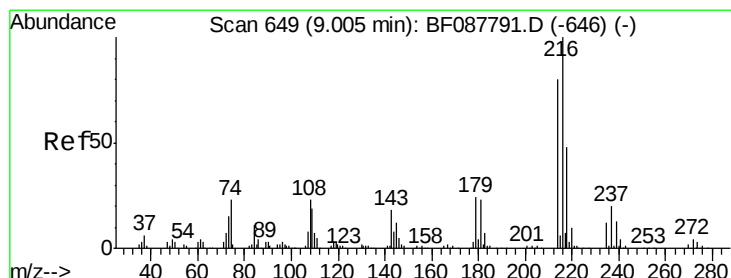
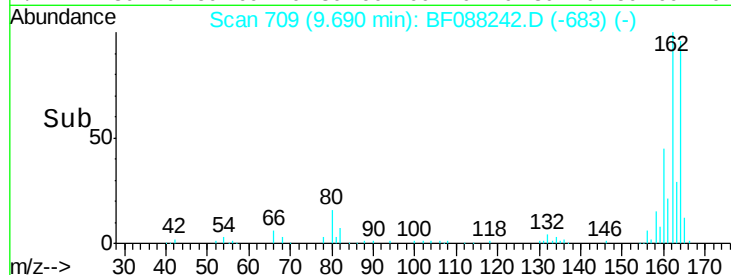
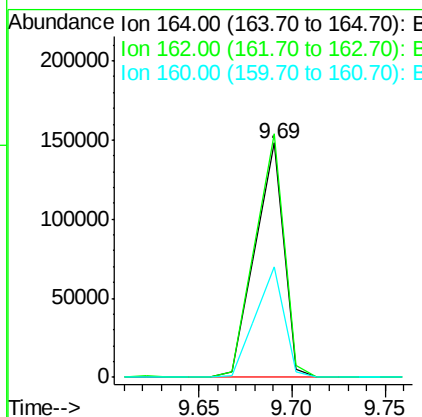
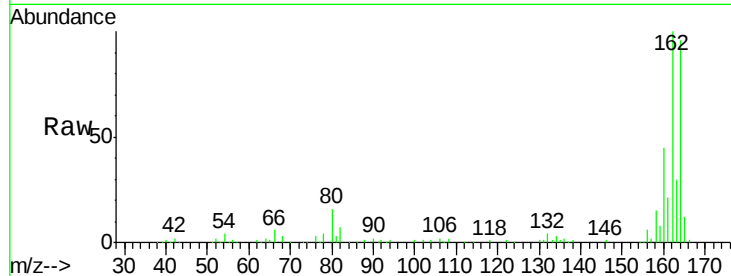
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	85.4	128.2	
160	47.2	39.5	59.3	

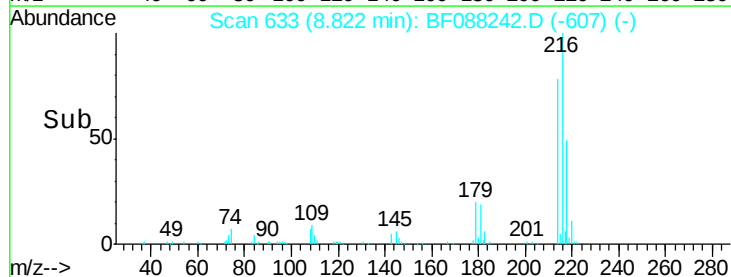
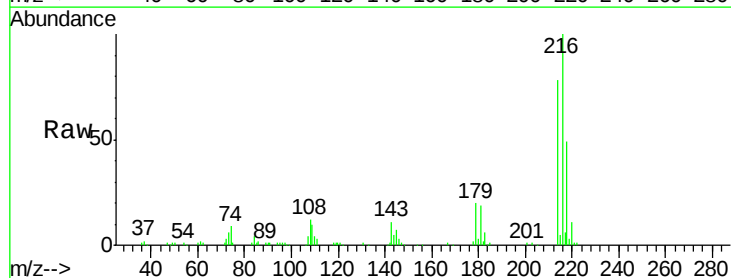
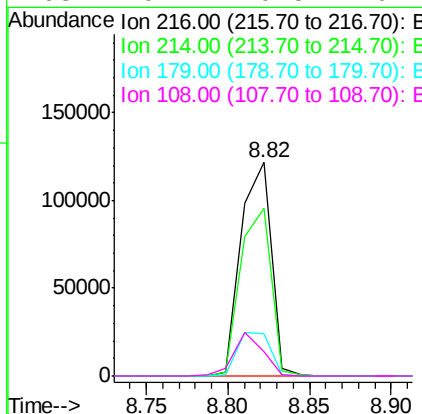
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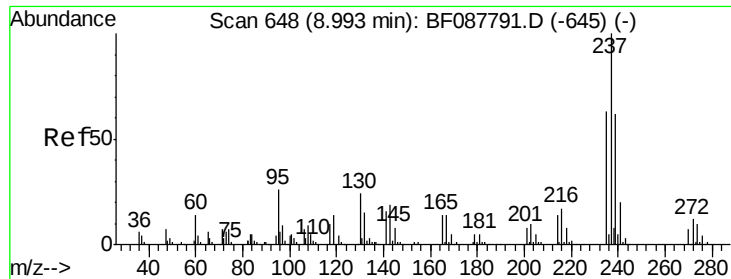
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.55 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	2.9	4.3#	
179	22.3	0.0	0.0#	
108	19.7	0.5	0.7#	





#40

Hexachlorocyclopentadiene

Concen: 21.09 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

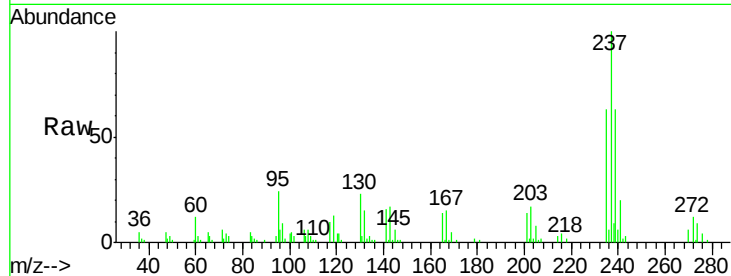
ClientSampleId :

EDD-3EMSD

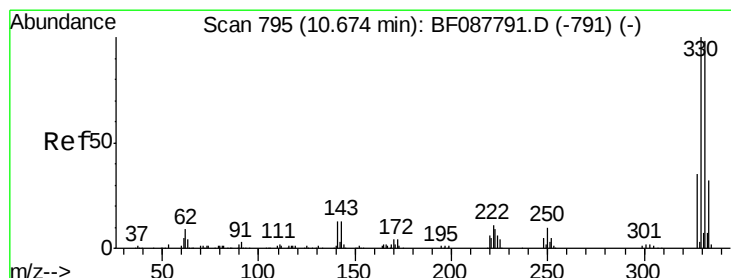
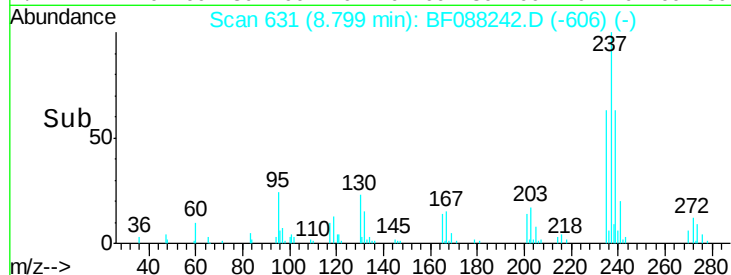
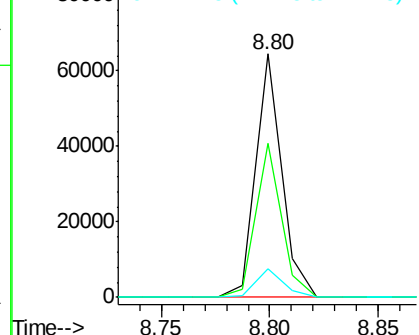
Tot Ion:	237	Resp:	53492
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.4	83.4
272	11.8	0.0	32.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 81.35 ng

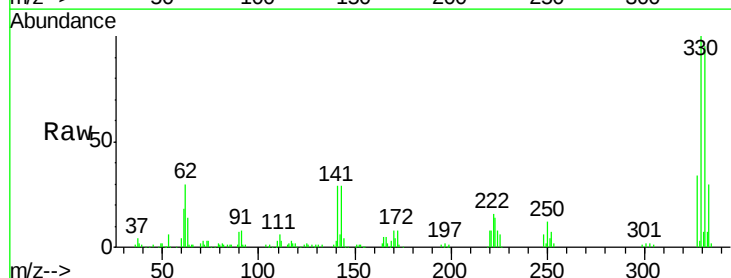
RT: 10.48 min Scan# 778

Delta R.T. -0.00 min

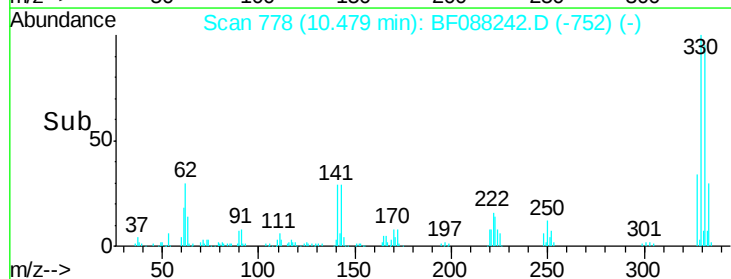
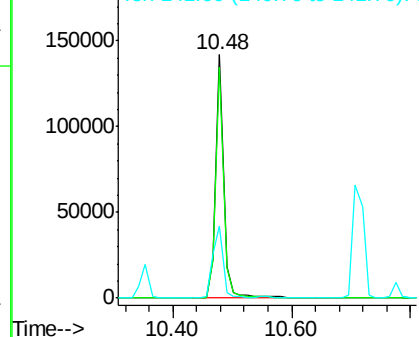
Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	330	Resp:	135093
Ion Ratio	Lower	Upper	
330	100		
332	95.1	0.0	0.0#
141	37.5	0.0	0.0#



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





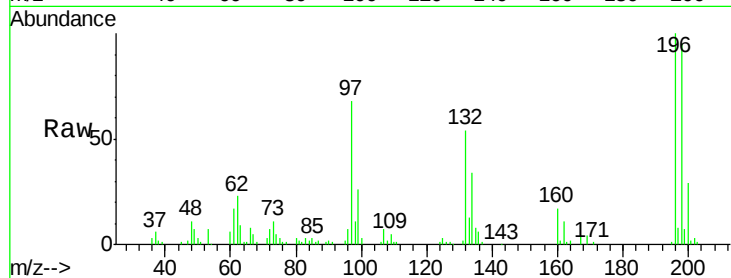
#42
2,4,6-Trichlorophenol
Concen: 29.95 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampled :
EDD-3EMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	94200		
198	94.7	78.0	117.0	
200	28.9	25.4	38.2	

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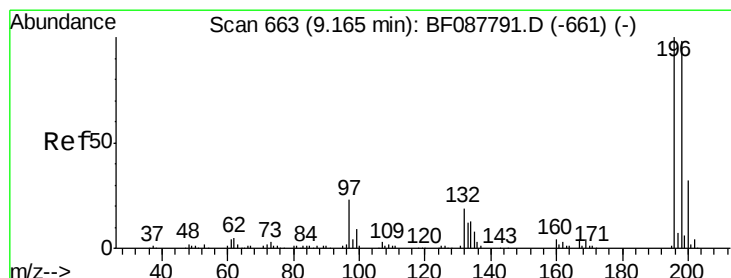
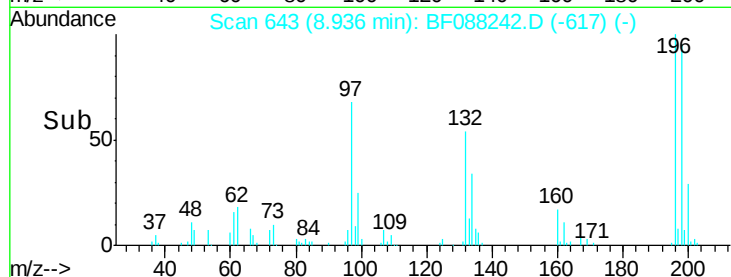
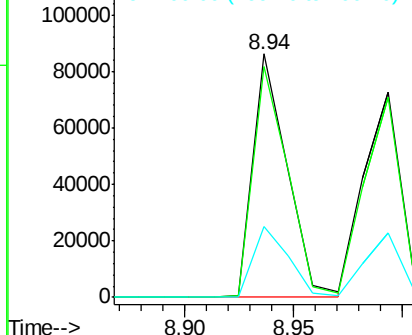


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
2,4,5-Trichlorophenol
Concen: 28.06 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91820		
198	97.7	77.5	116.3	
97	35.0	32.0	48.0	
132	24.7	20.9	31.3	

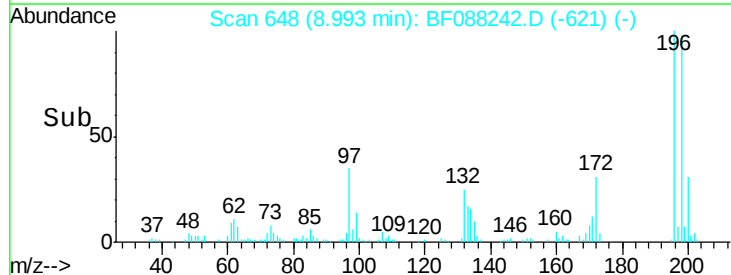
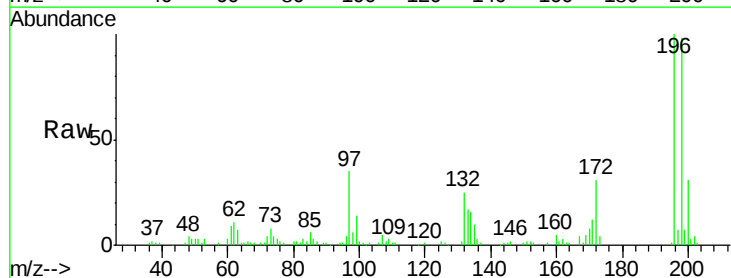
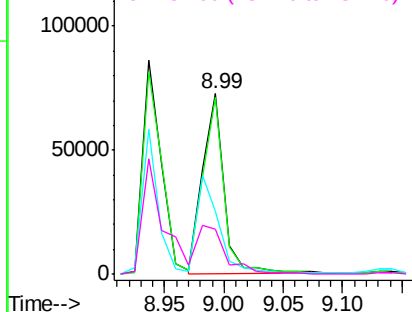
Abundance

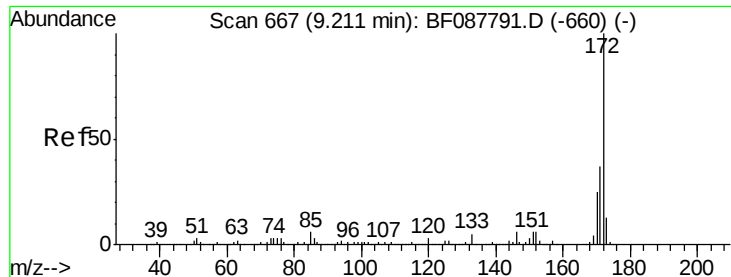
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





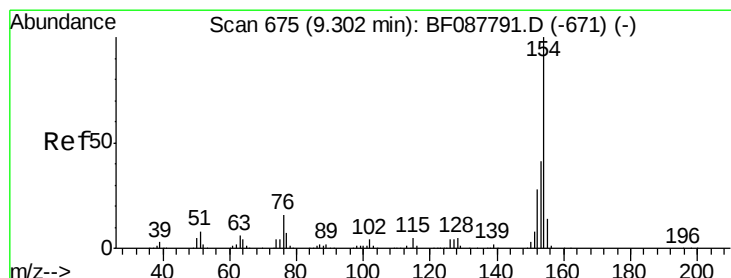
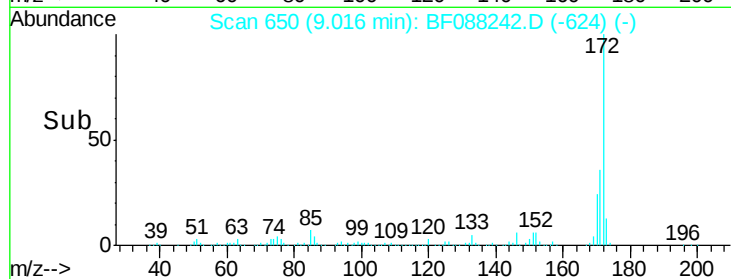
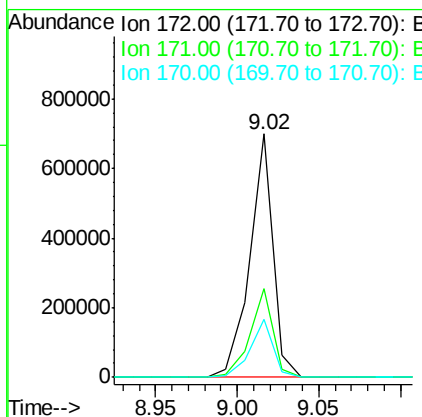
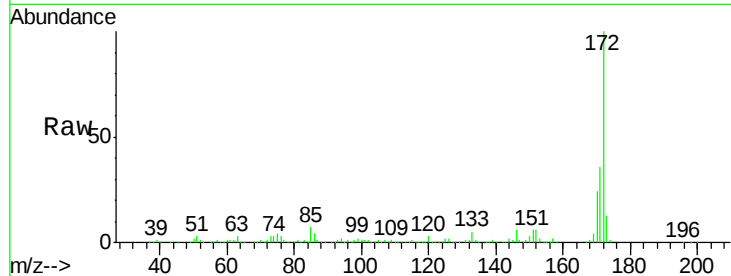
#44
2-Fluorobiphenyl
Concen: 67.40 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.8	19.2	28.8

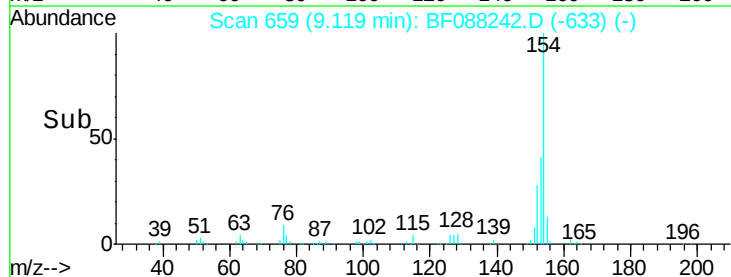
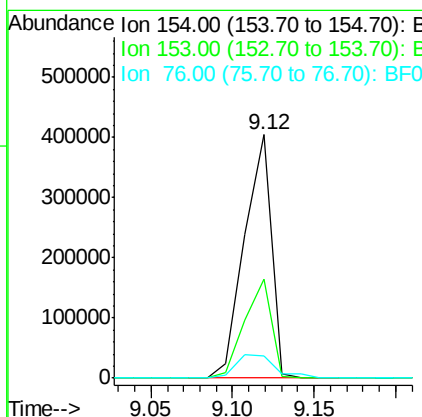
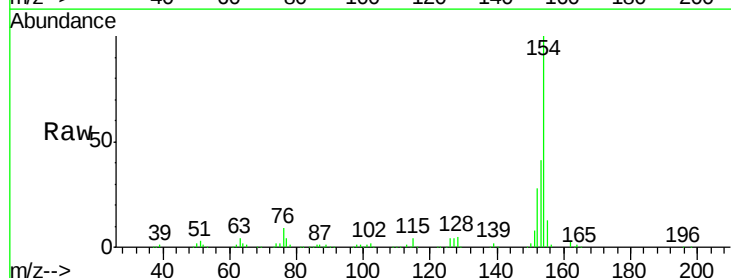
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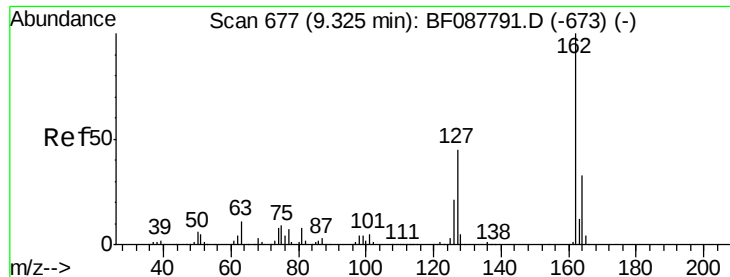
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#45
1,1'-Biphenyl
Concen: 38.22 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	8.9	0.0	35.1





#46

2-Chloronaphthalene

Concen: 34.98 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

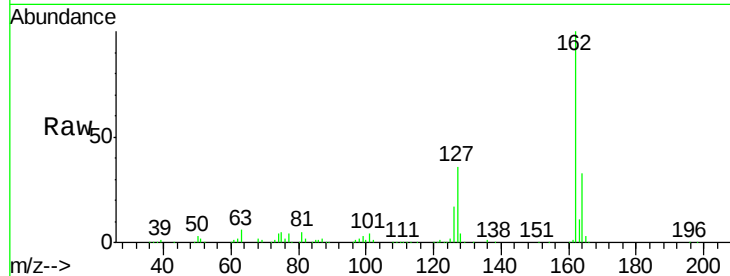
ClientSampleId :

EDD-3EMSD

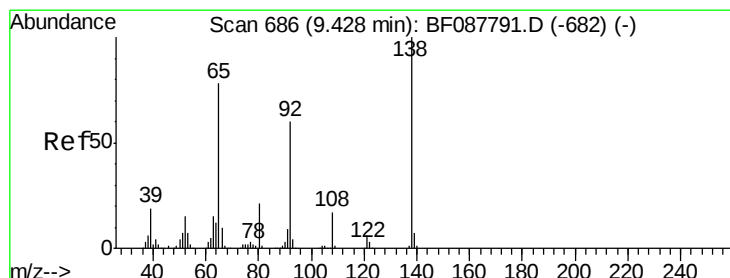
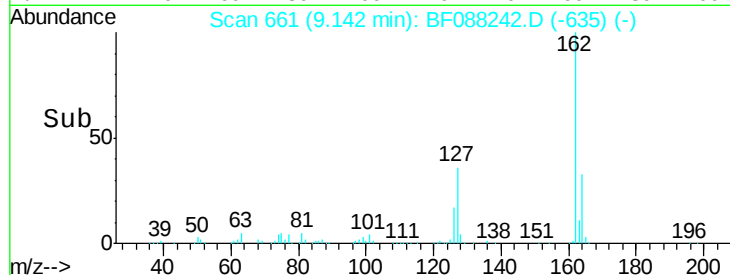
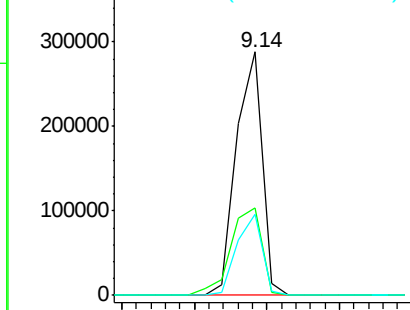
Tot Ion:	162	Resp:	355952
Ion Ratio	Lower	Upper	
162	100		
127	36.2	35.2	52.8
164	33.2	26.6	39.8

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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: 34.26 ng

RT: 9.24 min Scan# 670

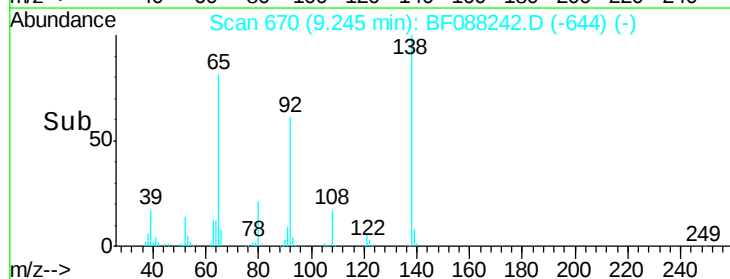
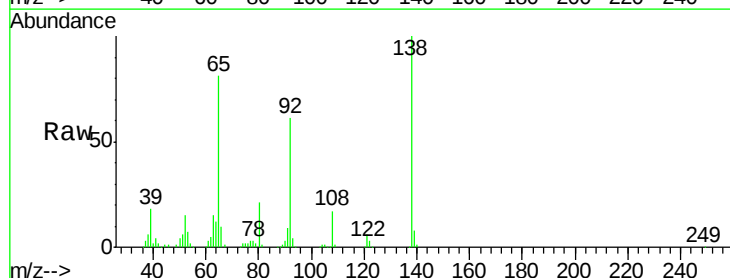
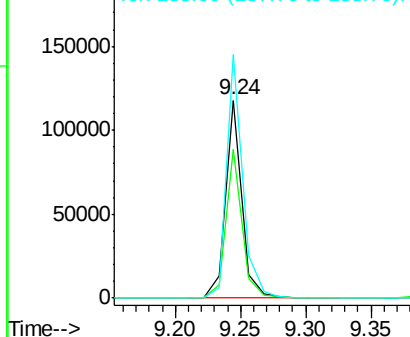
Delta R.T. -0.00 min

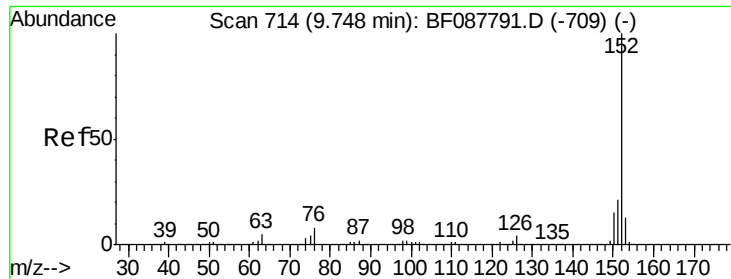
Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	65	Resp:	102841
Ion Ratio	Lower	Upper	
65	100		
92	75.1	54.6	82.0
138	122.9	77.0	115.4#

Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 34.14 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

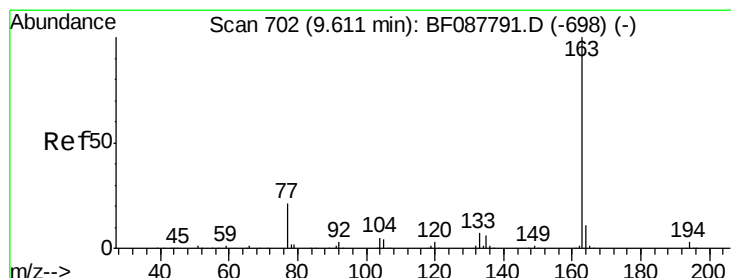
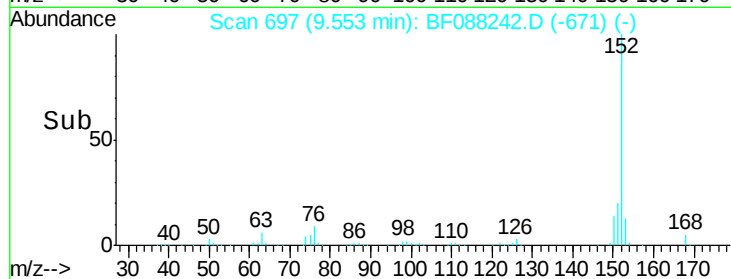
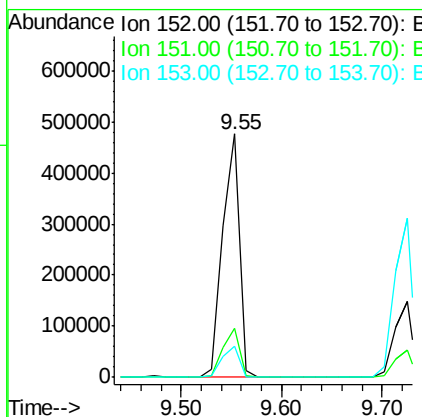
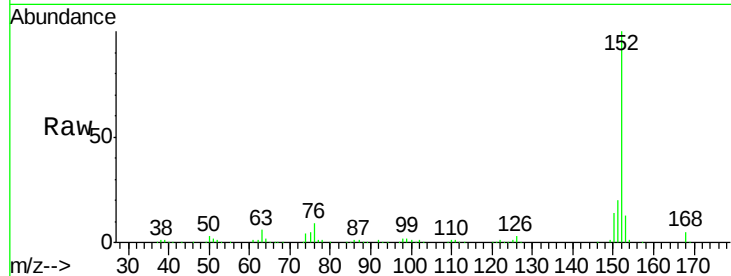
ClientSampleId :

EDD-3EMSD

Tot Ion:	152	Resp:	552597
Ion Ratio		Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.0	11.0	16.6

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#49

Dimethylphthalate

Concen: 56.67 ng

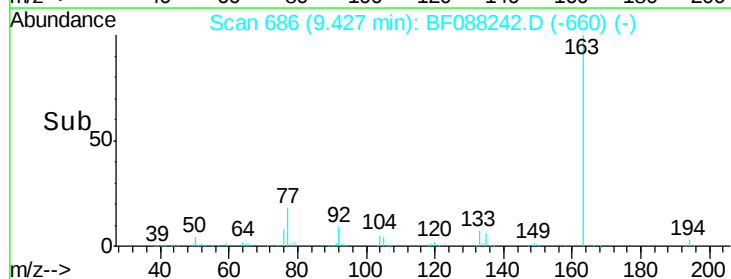
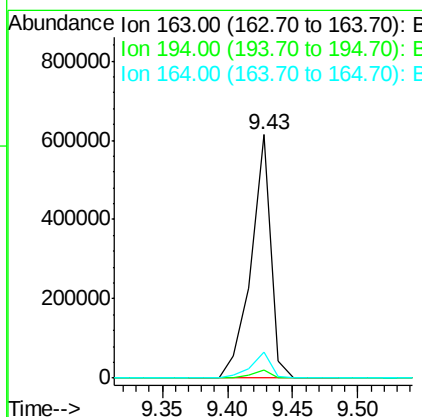
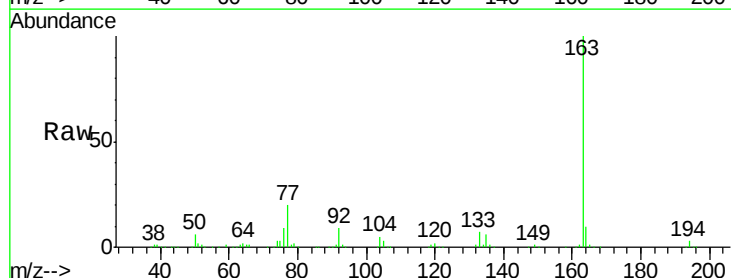
RT: 9.43 min Scan# 686

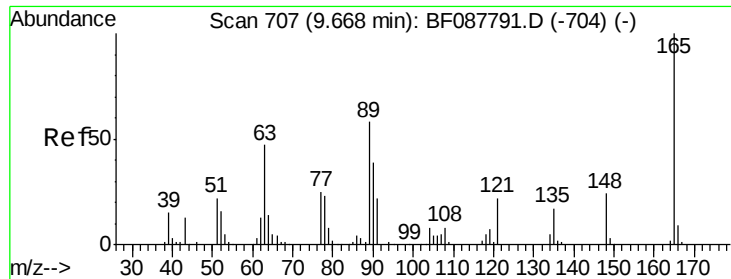
Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	163	Resp:	645638
Ion Ratio		Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.4	8.3	12.5





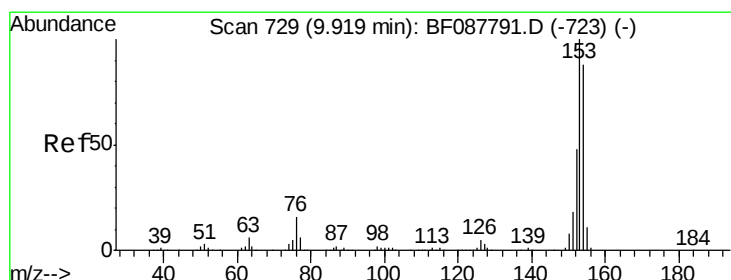
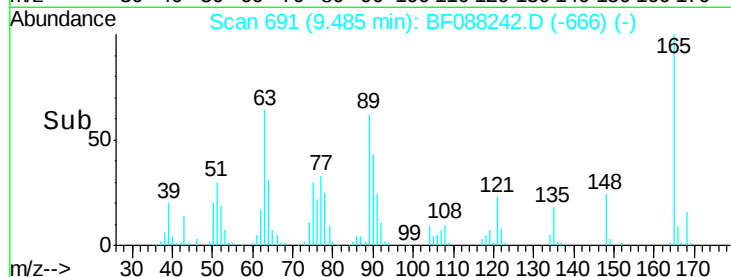
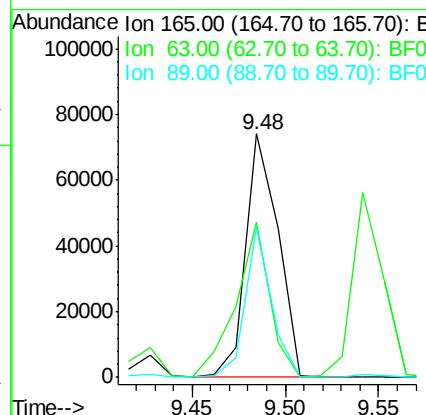
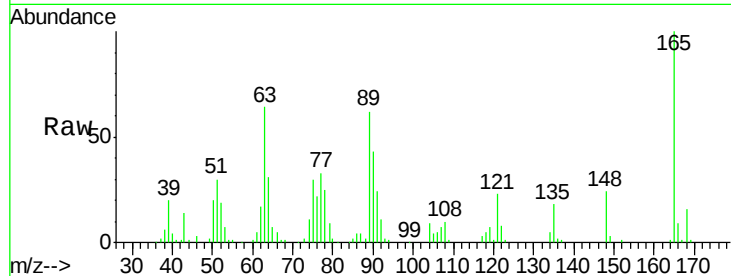
#50
2,6-Dinitrotoluene
Concen: 34.12 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	64.0	28.1	42.1#
89	61.5	32.2	48.2#

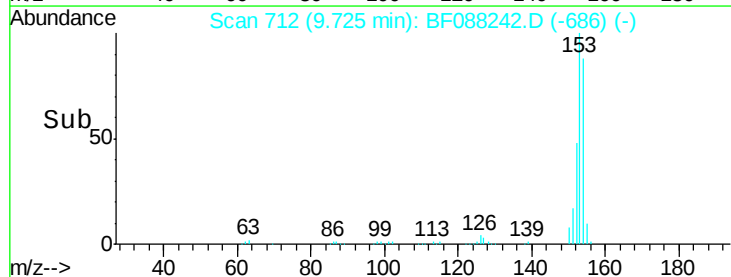
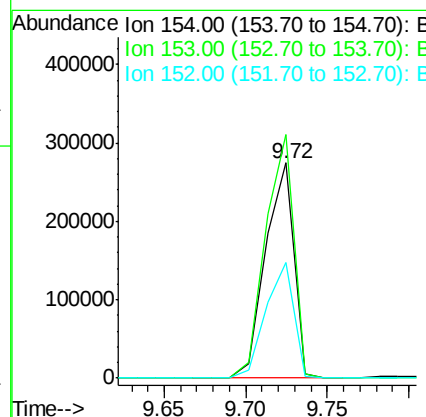
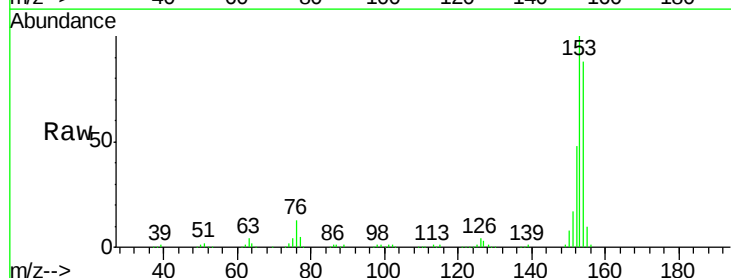
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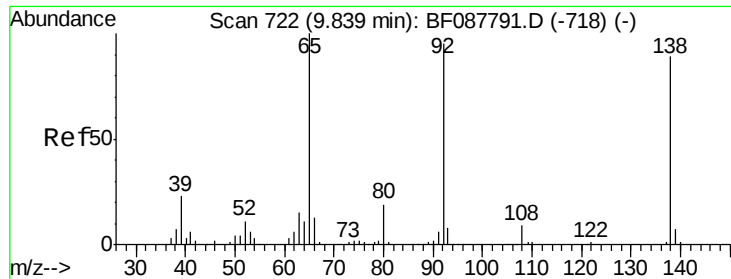
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#51
Acenaphthene
Concen: 32.81 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.3	89.5	134.3
152	53.8	42.7	64.1





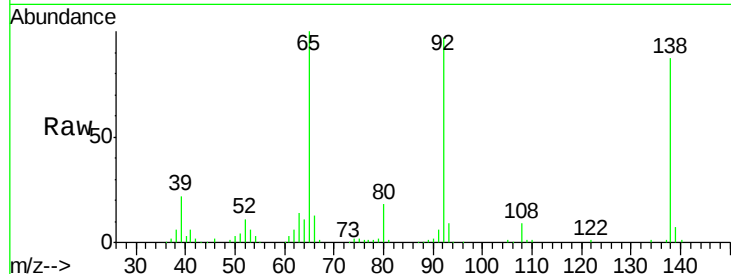
#52
3-Nitroaniline
Concen: 28.31 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

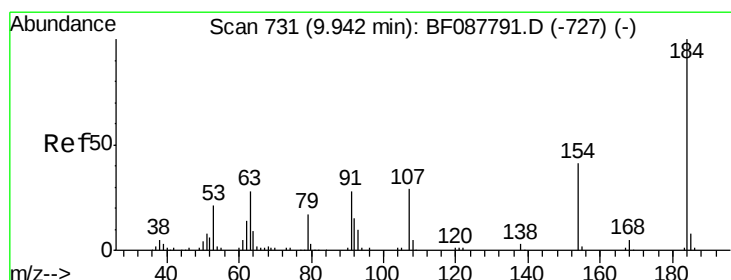
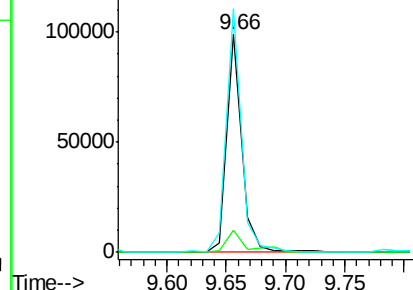
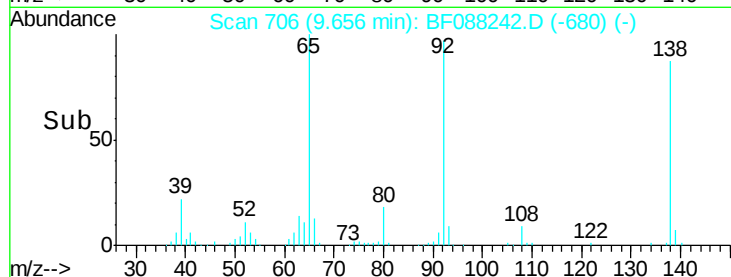
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.5	12.7
92	111.7	95.7	143.5

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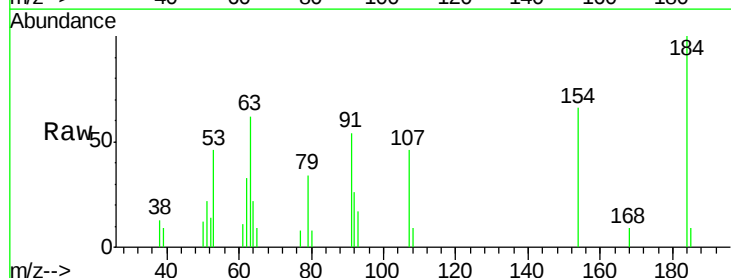


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

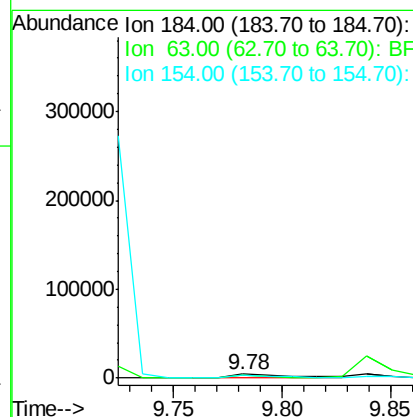
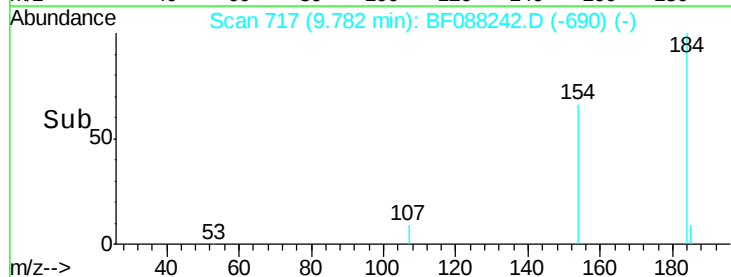


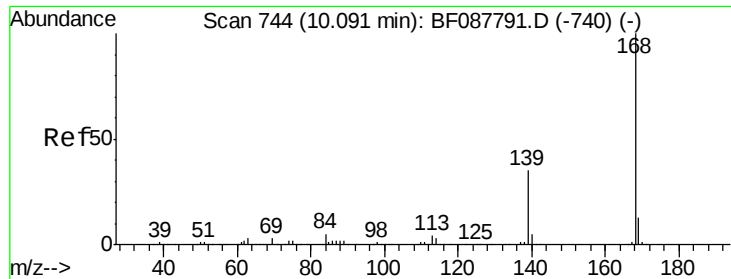
#53
2,4-Dinitrophenol
Concen: 10.09 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.0	57.6	86.4
154	66.0	53.5	80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 34.17 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

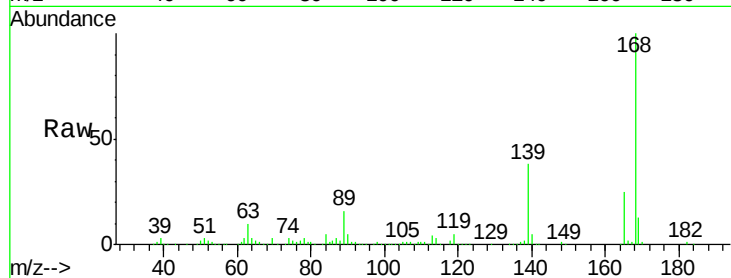
ClientSampleId :

EDD-3EMSD

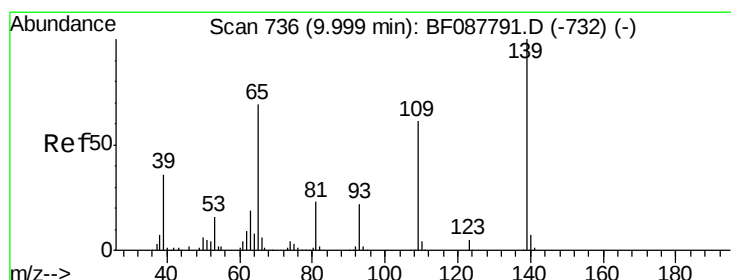
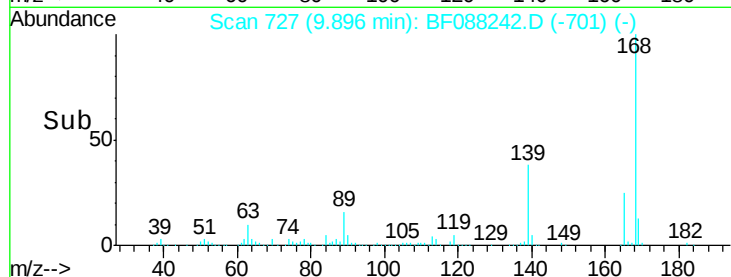
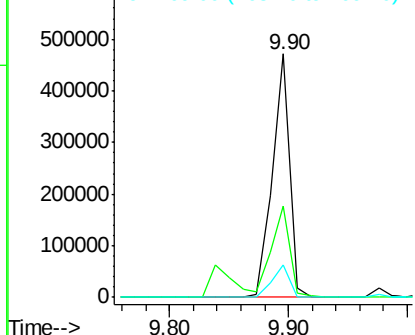
Tot Ion:	168	Resp:	475243
Ion Ratio	Lower	Upper	
168	100		
139	37.5	26.4	39.6
169	13.2	10.4	15.6

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 36.89 ng

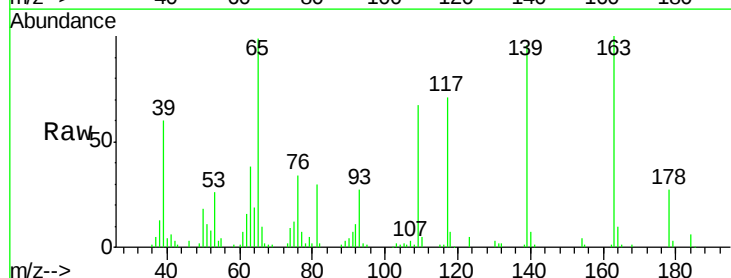
RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

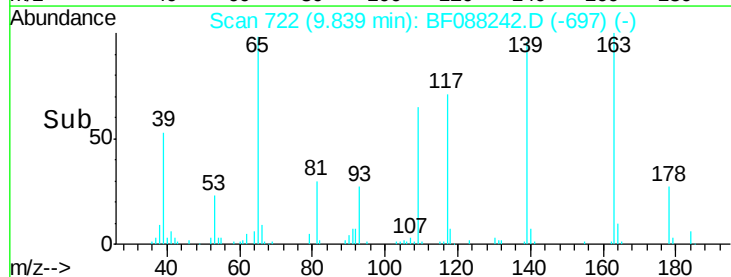
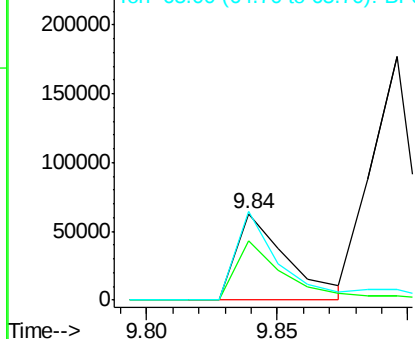
Lab File: BF088242.D

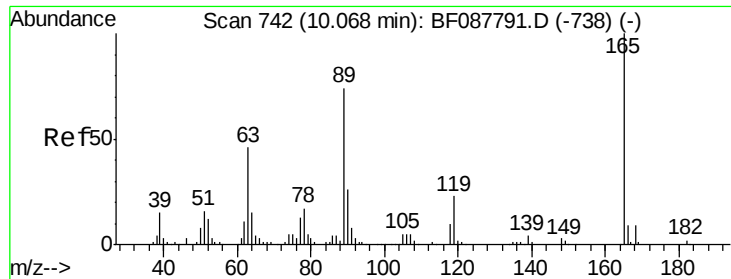
Acq: 22 Jun 2016 6:23

Tgt Ion:	139	Resp:	86191
Ion Ratio	Lower	Upper	
139	100		
109	69.1	48.9	88.9
65	102.8	84.9	124.9



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





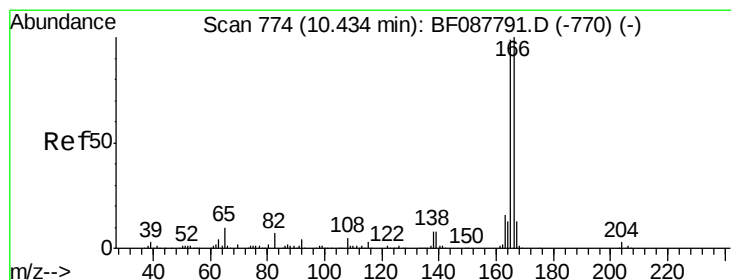
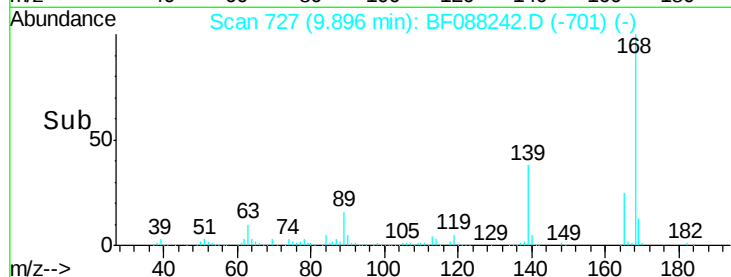
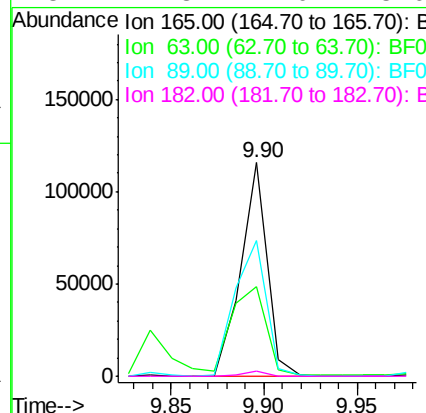
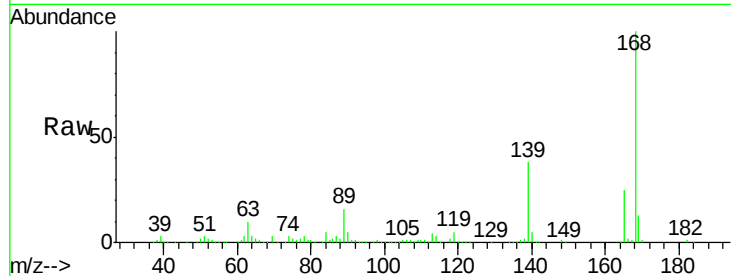
#56
2,4-Dinitrotoluene
Concen: 34.11 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion:	165	Resp:	114369
Ion Ratio	Lower	Upper	
165	100		
63	41.9	22.0	33.0#
89	63.3	41.1	61.7#
182	2.3	2.0	3.0

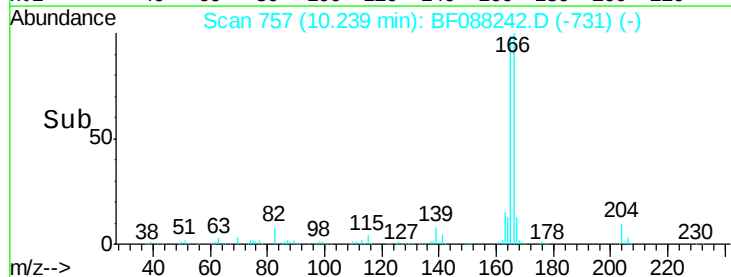
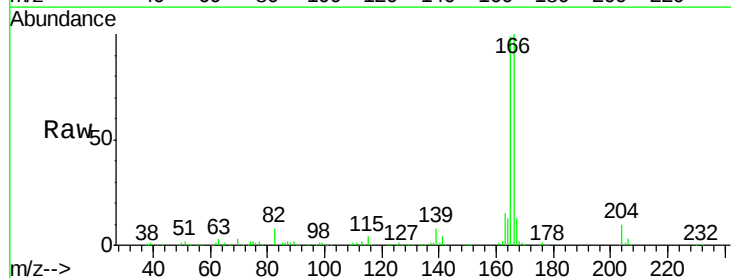
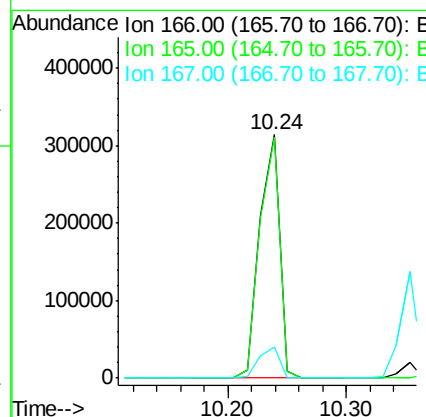
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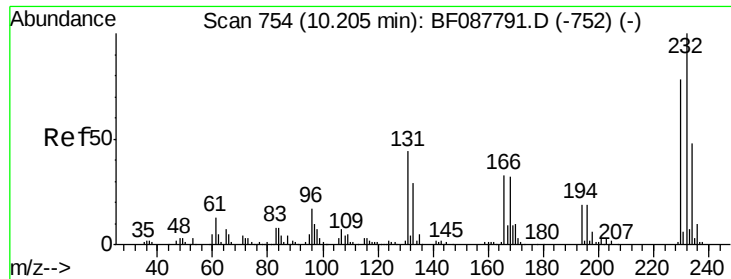
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#57
Fluorene
Concen: 39.07 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion:	166	Resp:	373134
Ion Ratio	Lower	Upper	
166	100		
165	98.8	77.8	116.8
167	12.8	11.2	16.8





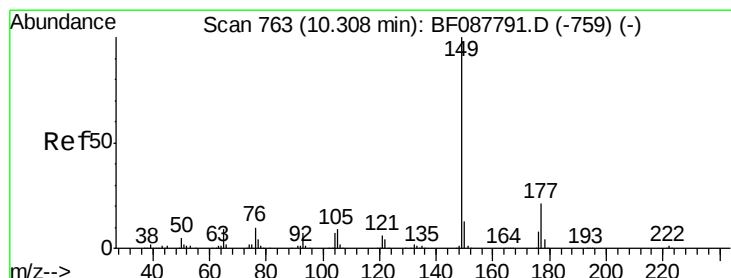
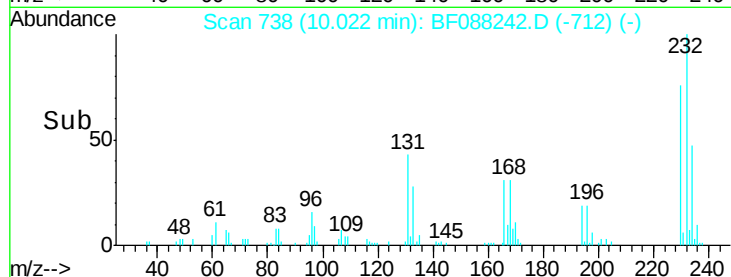
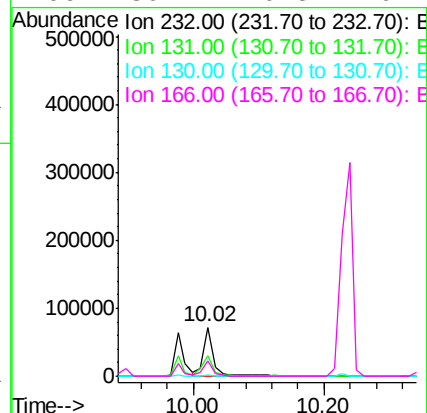
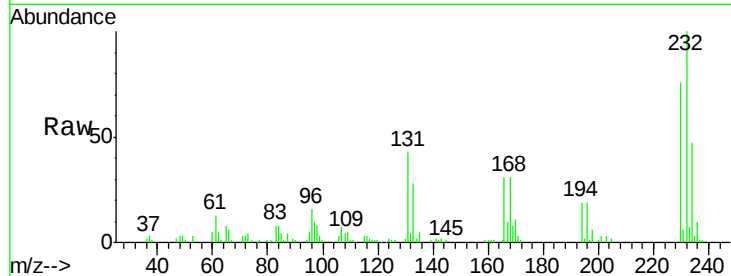
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.62 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	48.0	0.9	1.3#
130	2.2	1.5	2.3
166	30.1	0.5	0.7#

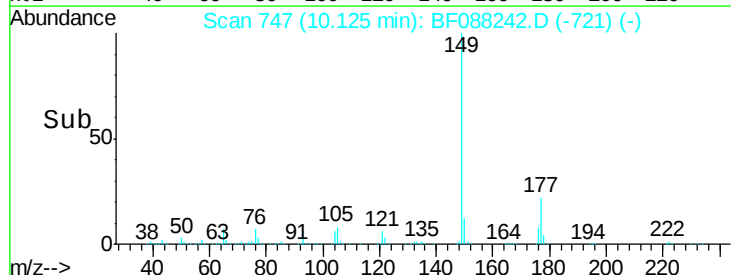
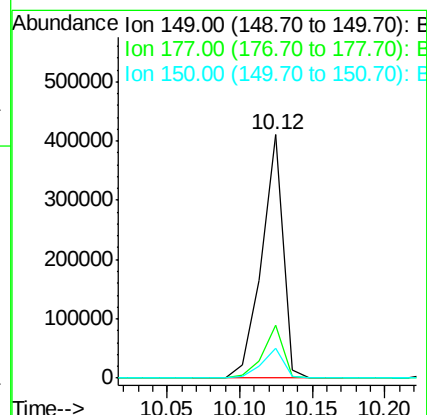
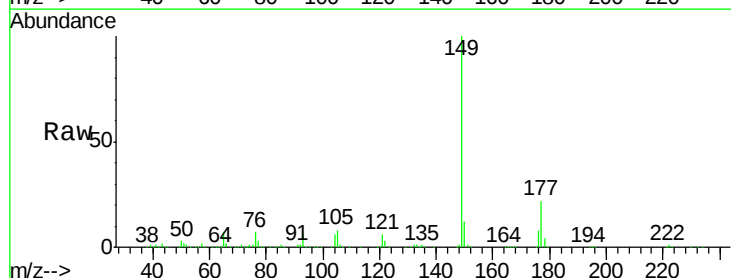
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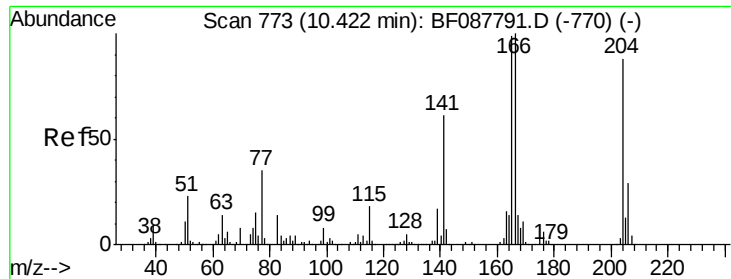
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#59
 Diethylphthalate
 Concen: 36.37 ng
 RT: 10.12 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.0	16.9	25.3
150	12.1	10.1	15.1





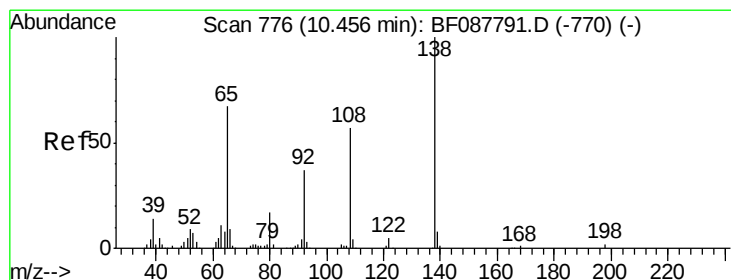
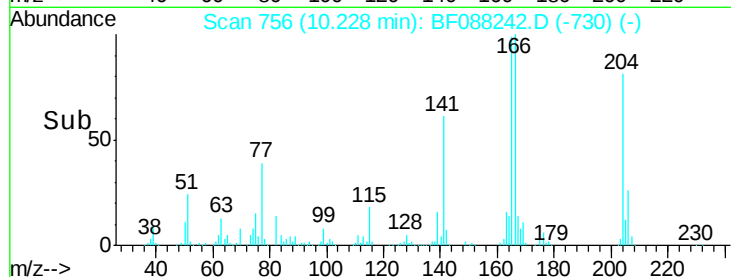
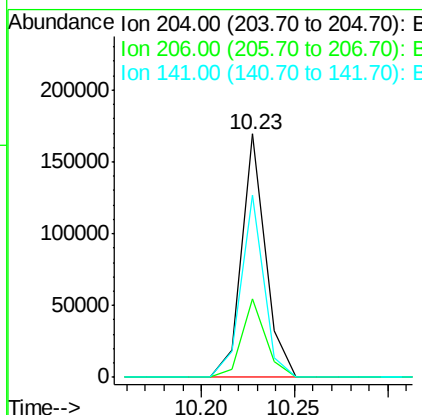
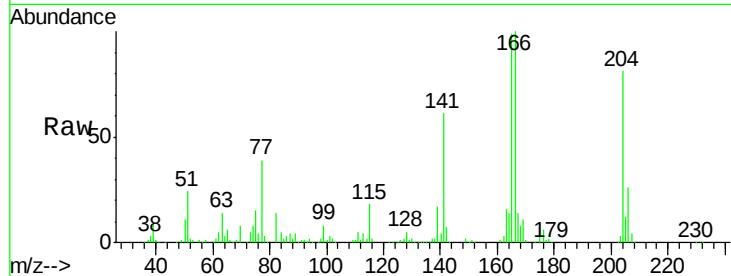
#60
4-Chlorophenyl-phenylether
Concen: 32.80 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.3	39.5
141	75.0	55.0	82.6

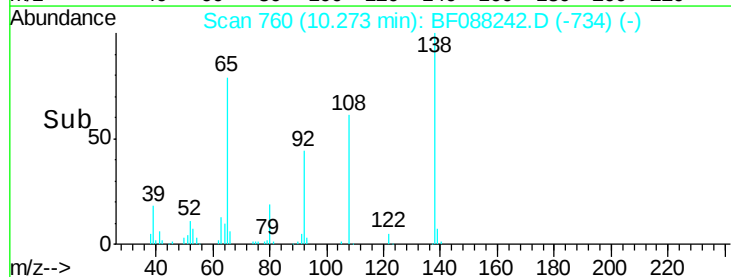
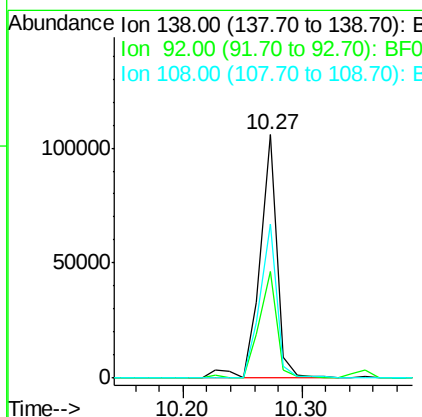
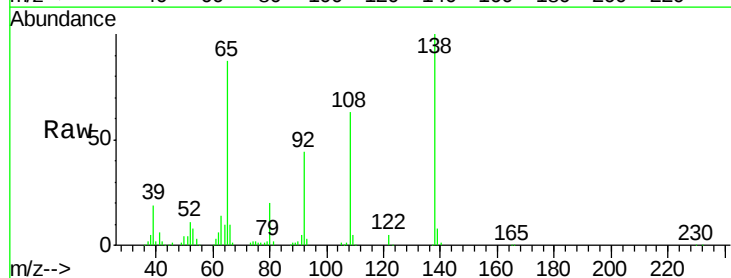
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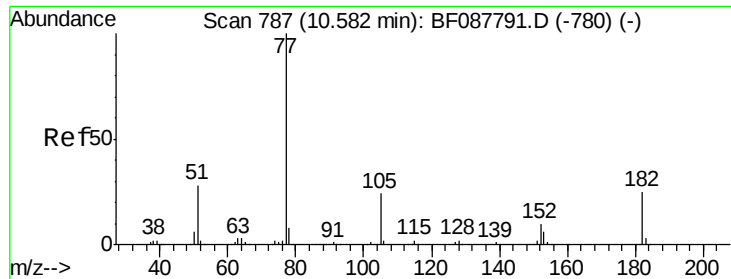
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#61
4-Nitroaniline
Concen: 37.78 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.0	27.3	67.3
108	63.1	46.7	86.7





#62

Azobenzene

Concen: 35.70 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

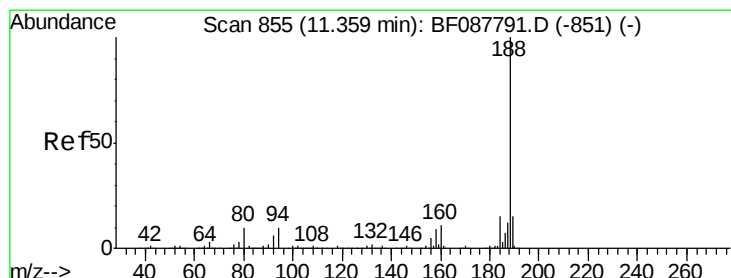
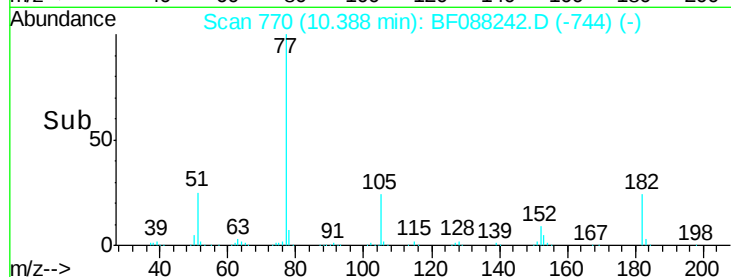
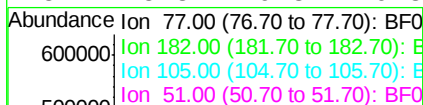
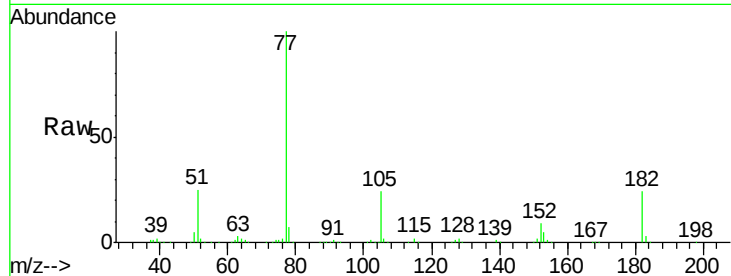
ClientSampleId :

EDD-3EMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		407089		
182	23.8	4.4	44.4		
105	24.2	3.8	43.8		
51	25.3	9.3	49.3		

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#63

Phenanthrene-d10

Concen: 20.00 ng

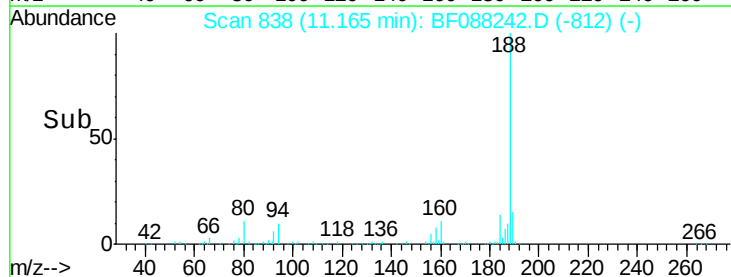
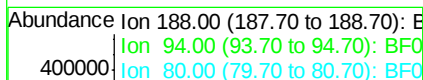
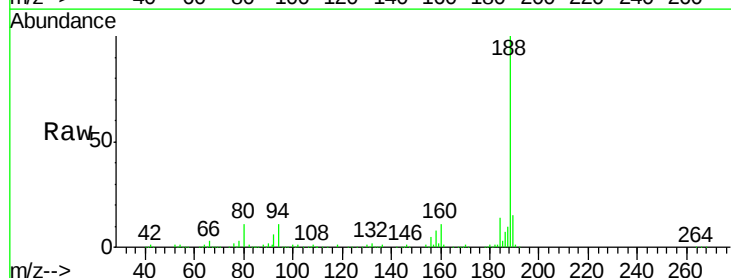
RT: 11.16 min Scan# 838

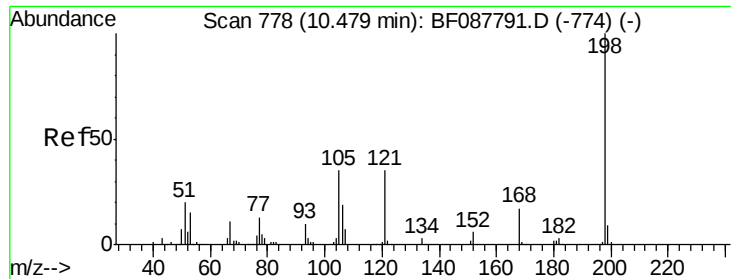
Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		286296		
94	10.8	9.0	13.6		
80	11.3	10.0	15.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 17.89 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

EDD-3EMSD

Tot Ion:198 Resp: 29437
Ion Ratio Lower Upper

198 100

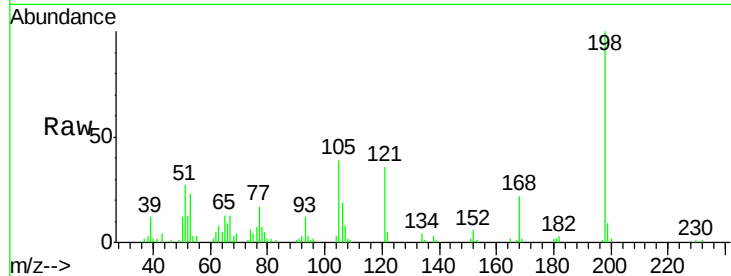
51 26.5 39.6 79.6#

105 38.6 36.6 76.6

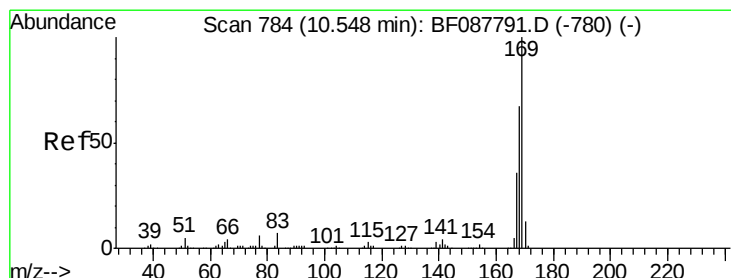
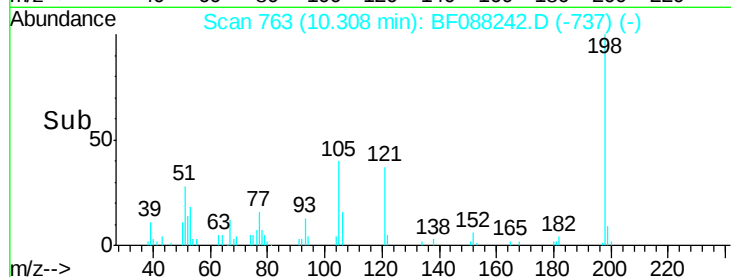
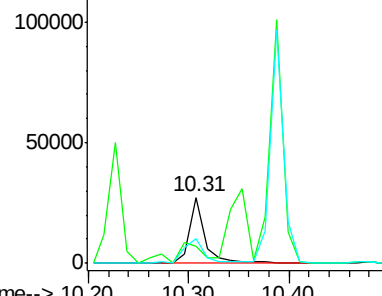
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.21 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF088242.D

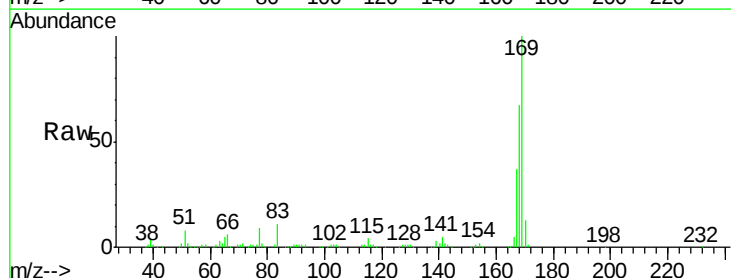
Acq: 22 Jun 2016 6:23

Tgt Ion:169 Resp: 353532
Ion Ratio Lower Upper

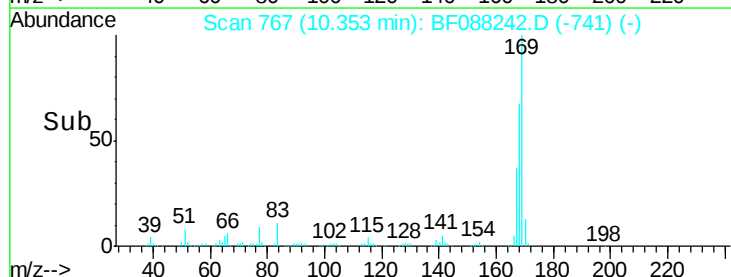
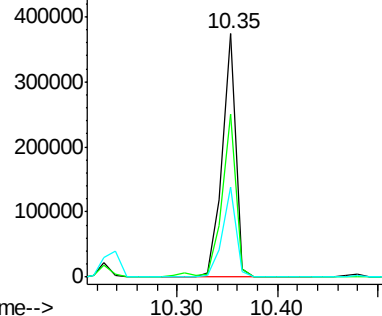
169 100

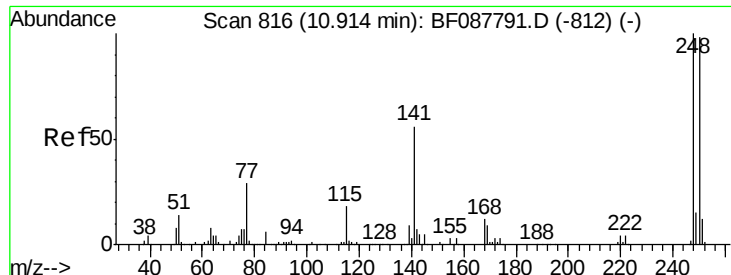
168 66.9 53.4 80.0

167 36.7 29.4 44.0



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





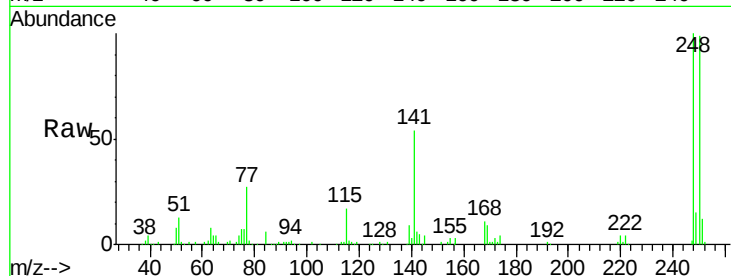
#66
4-Bromophenyl-phenylether
Concen: 34.30 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampled :
EDD-3EMSD

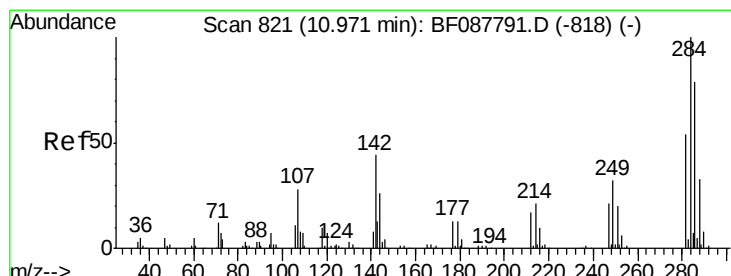
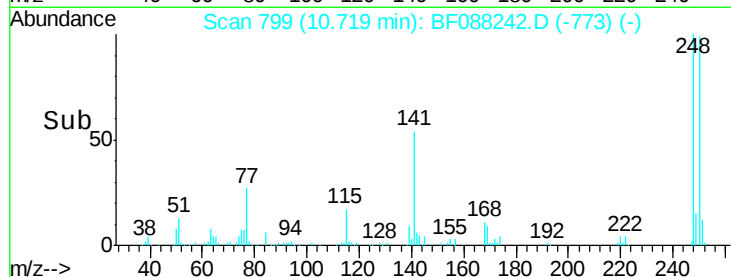
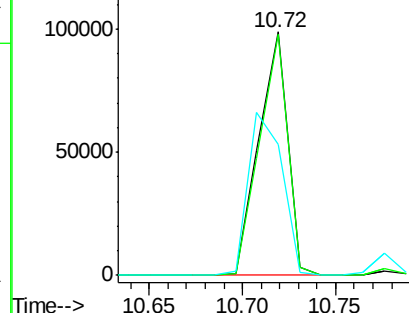
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.1	115.7
141	53.9	50.6	76.0

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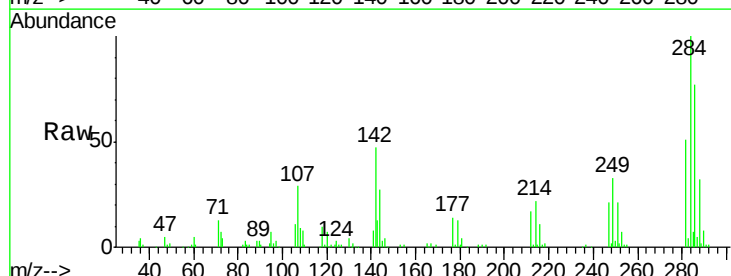


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

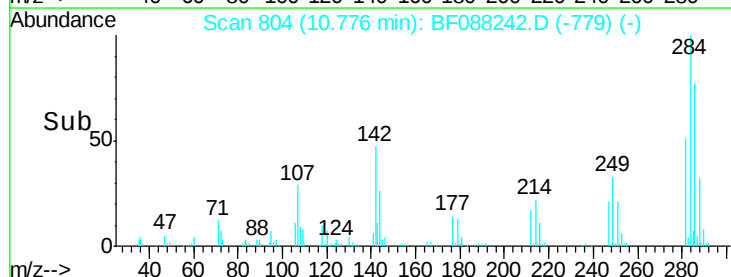
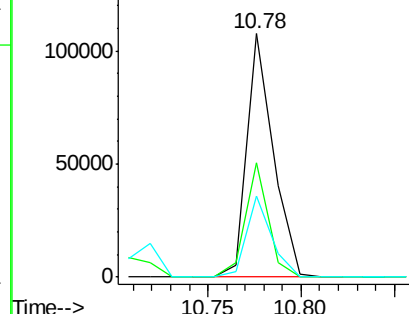


#67
Hexachlorobenzene
Concen: 33.17 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	47.2	35.8	53.8
249	33.2	25.8	38.6



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: 32.14 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

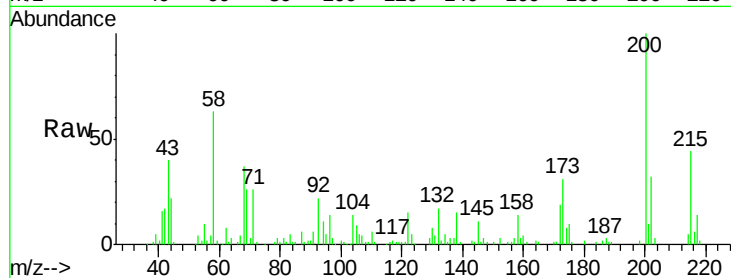
ClientSampled :

EDD-3EMSD

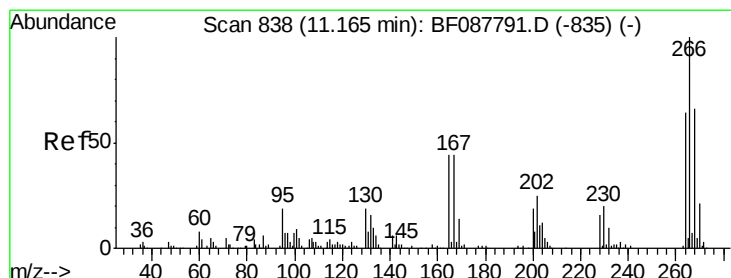
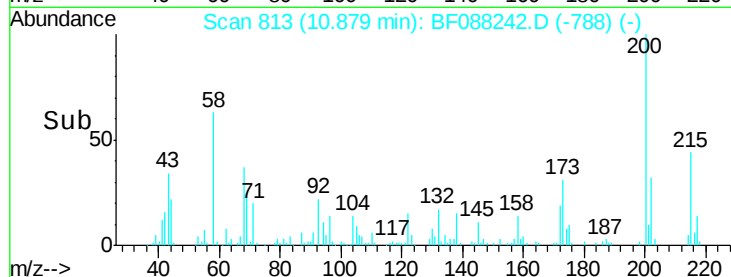
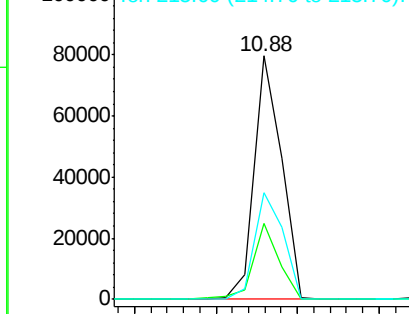
Tot Ion:	200	Resp:	92454
Ion Ratio	Lower	Upper	
200	100		
173	31.0	4.0	44.0
215	43.8	29.3	69.3

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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: 37.53 ng

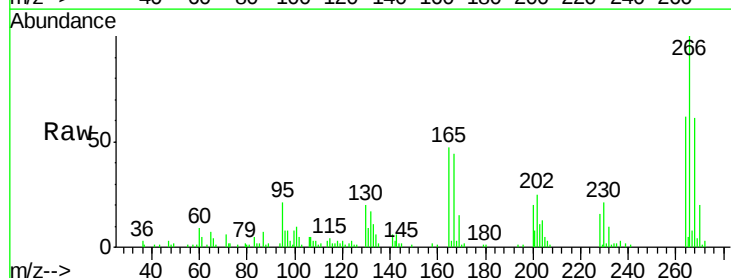
RT: 10.98 min Scan# 822

Delta R.T. -0.00 min

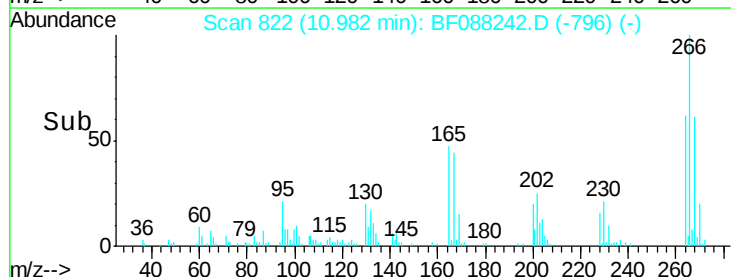
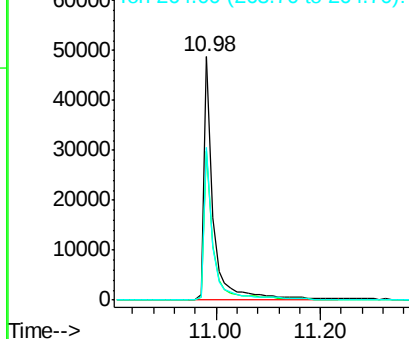
Lab File: BF088242.D

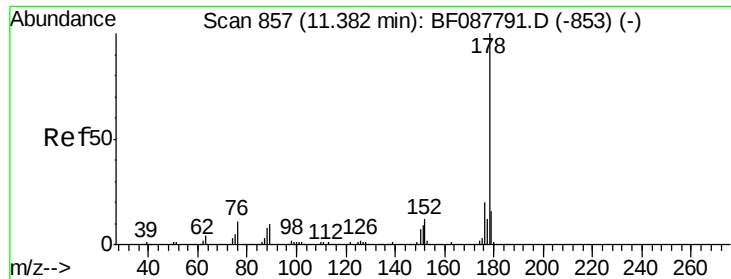
Acq: 22 Jun 2016 6:23

Tgt Ion:	266	Resp:	63134
Ion Ratio	Lower	Upper	
266	100		
268	61.2	52.8	79.2
264	62.5	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





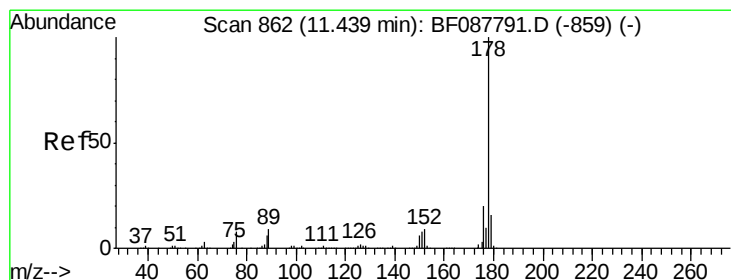
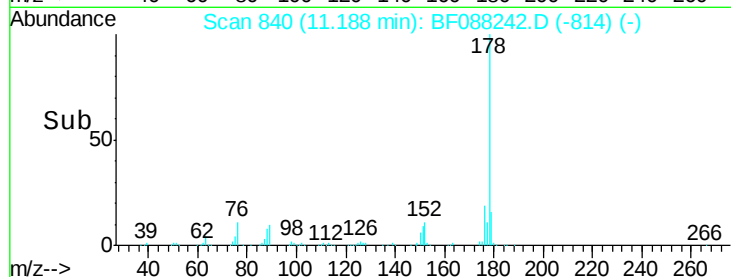
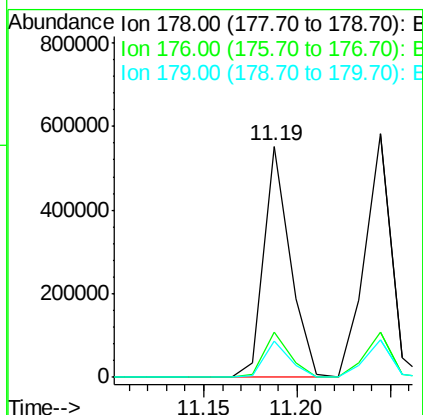
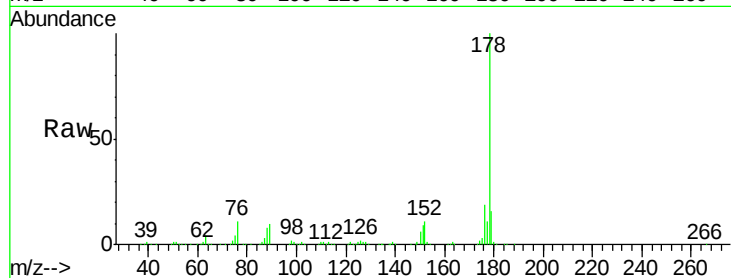
#70
Phenanthrene
Concen: 35.82 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.8	13.0	19.4

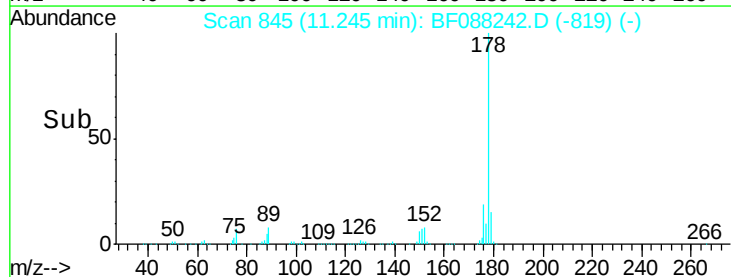
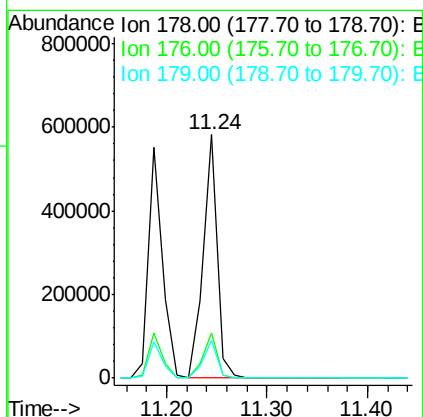
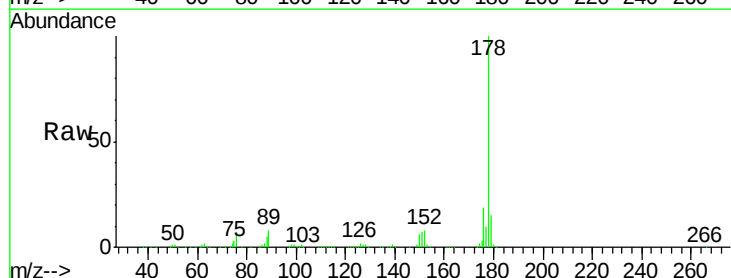
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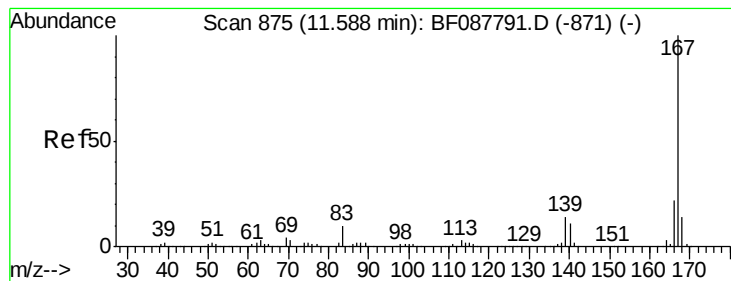
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#71
Anthracene
Concen: 37.39 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.4	12.8	19.2





#72

Carbazole

Concen: 38.15 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF088242.D

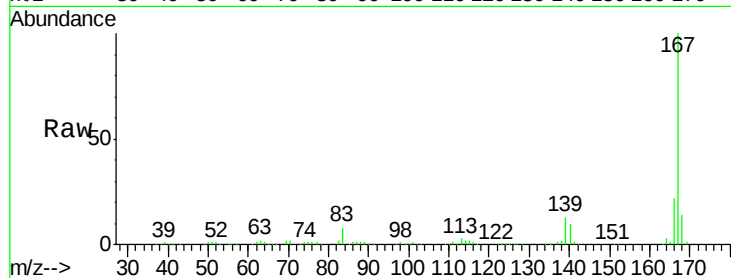
Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

ClientSampleId :

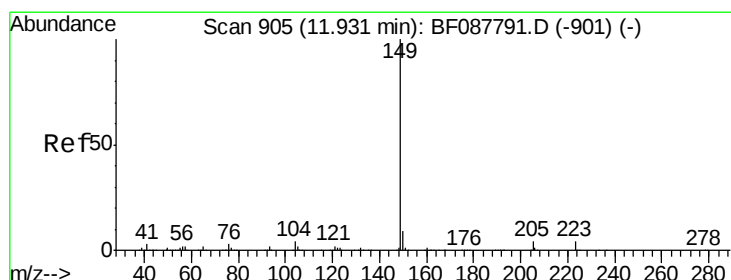
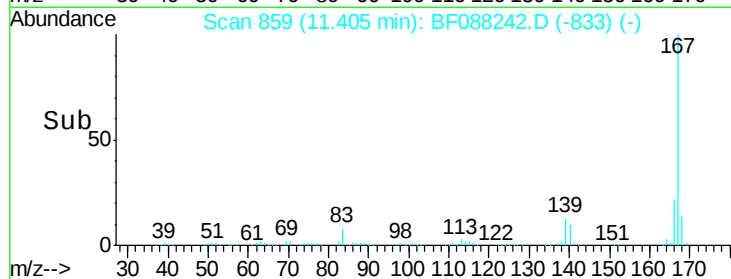
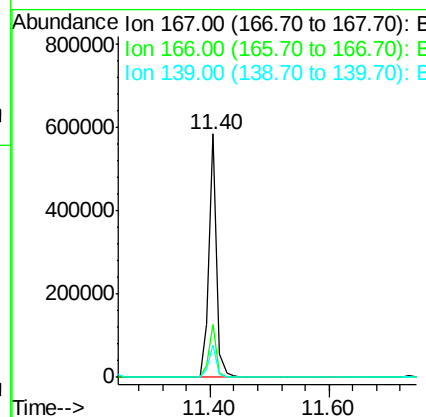
EDD-3EMSD



Tot Ion:	167	Resp:	540938
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.8	26.6
139	13.1	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 34.99 ng

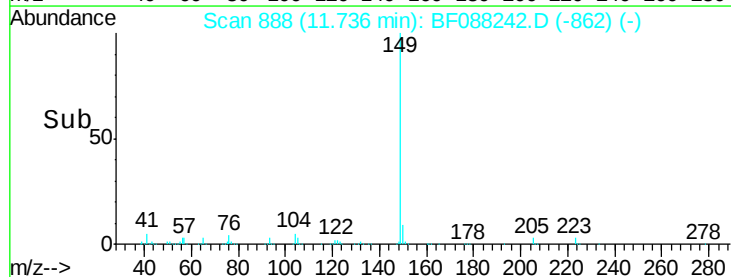
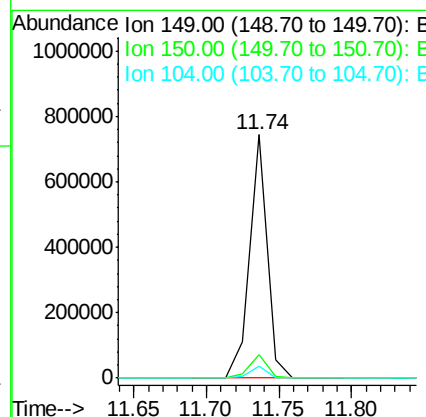
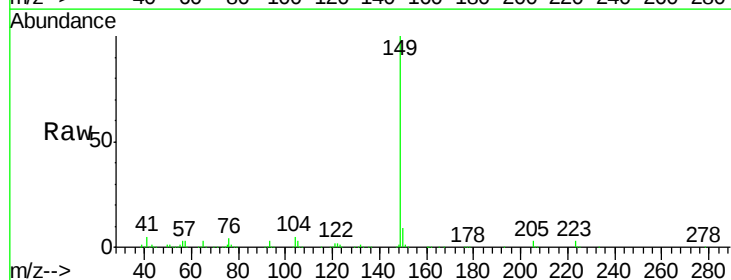
RT: 11.74 min Scan# 888

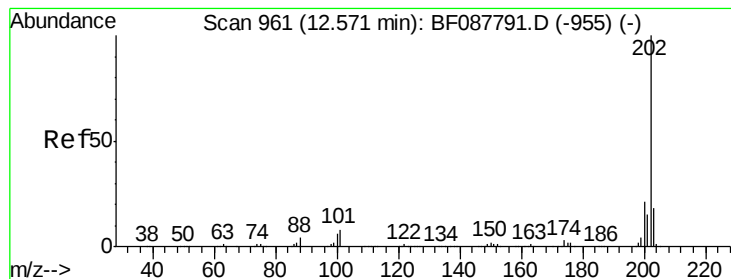
Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	149	Resp:	628133
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.6	4.0	6.0





#74

Fluoranthene

Concen: 37.16 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

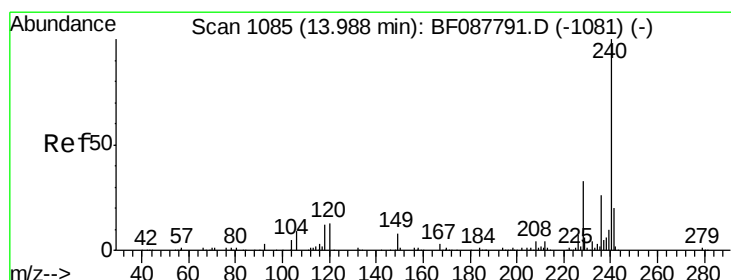
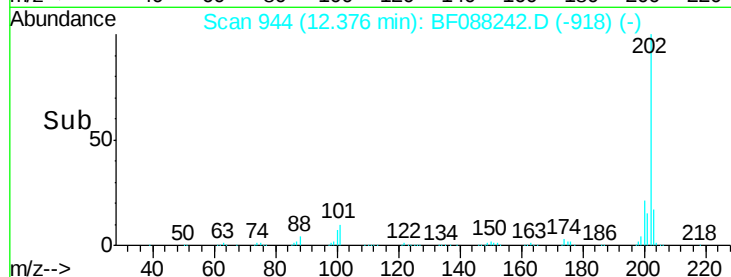
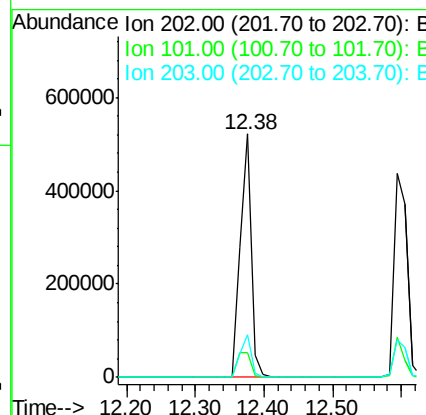
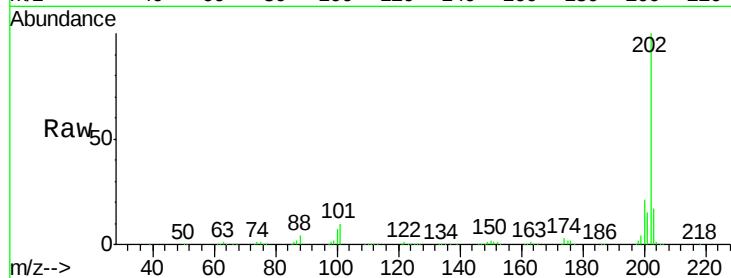
ClientSampleId :

EDD-3EMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		589117		
101	10.0	0.0	33.1		
203	17.4	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.00 ng

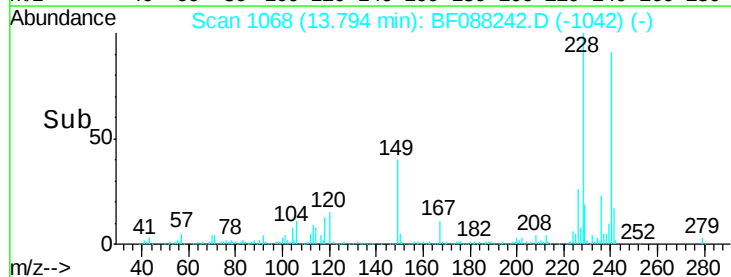
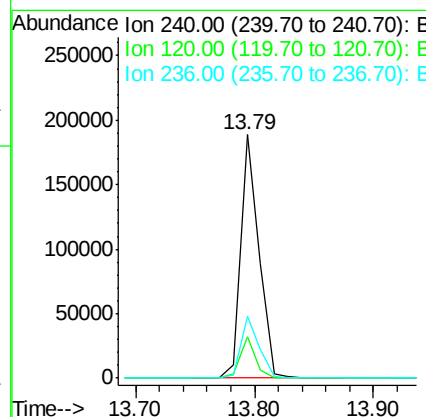
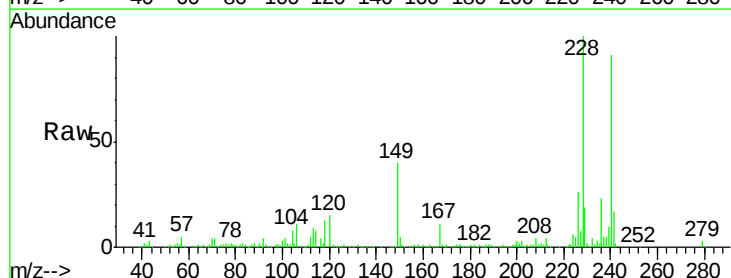
RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		200699		
120	16.8	6.8	10.2#		
236	25.5	20.2	30.2		





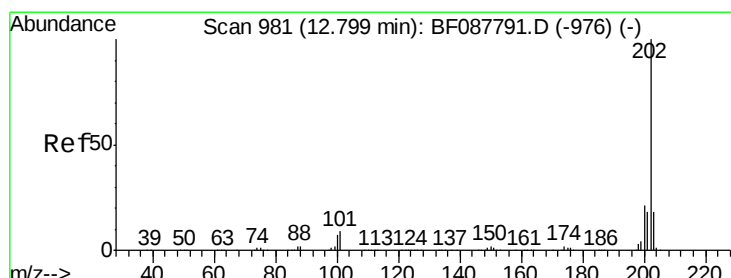
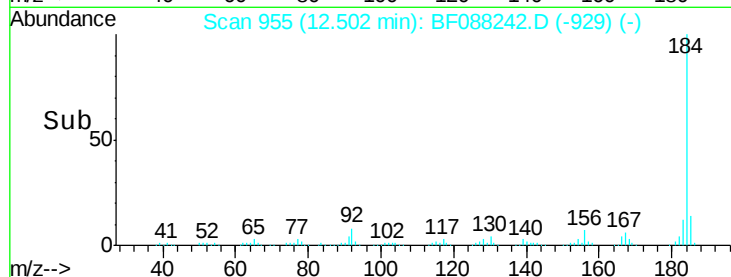
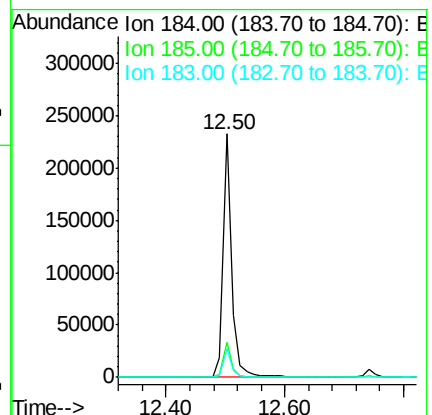
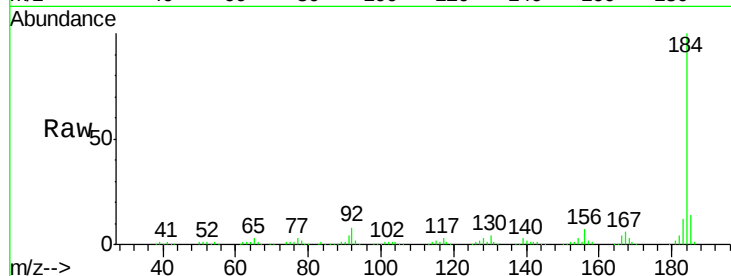
#76
Benzidine
Concen: 42.35 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	235341		
185	14.5	12.5	18.7	
183	11.6	9.3	13.9	

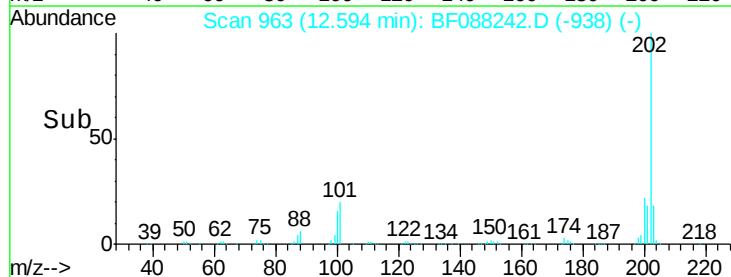
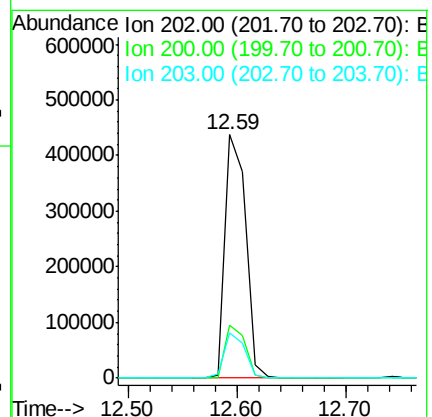
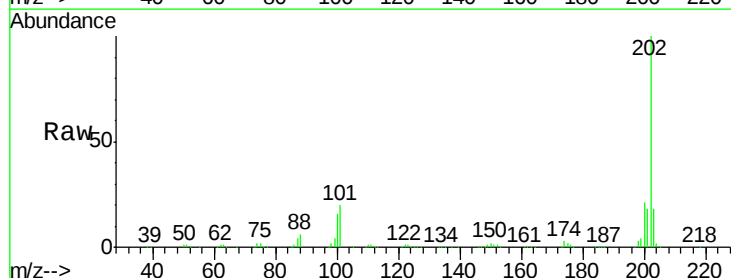
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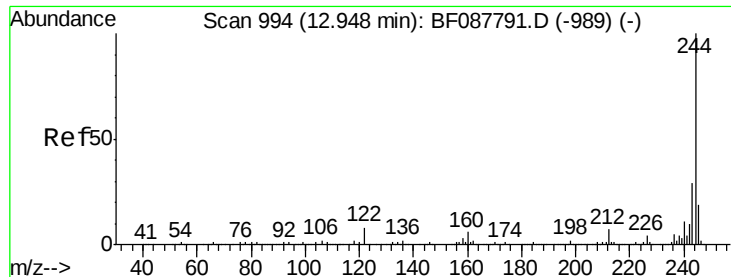
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#77
Pyrene
Concen: 38.99 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	580722		
200	21.5	17.4	26.2	
203	18.5	14.5	21.7	





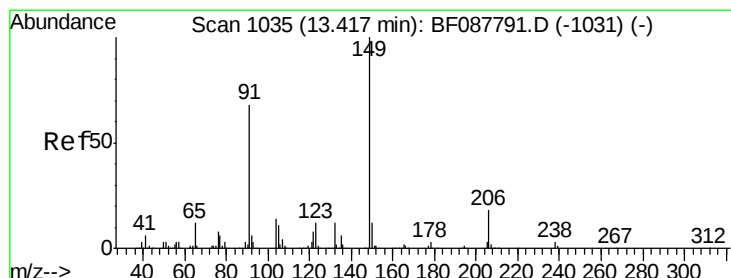
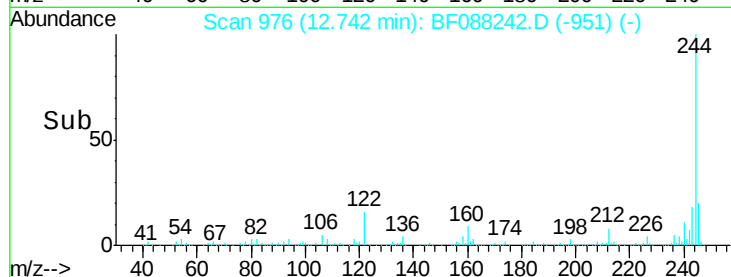
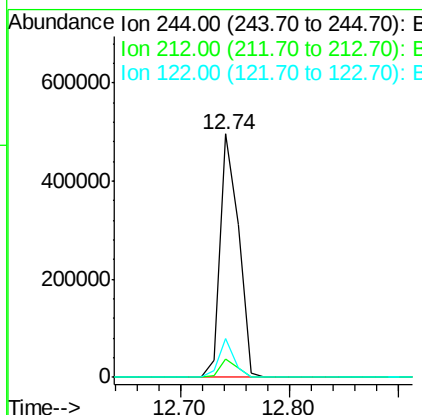
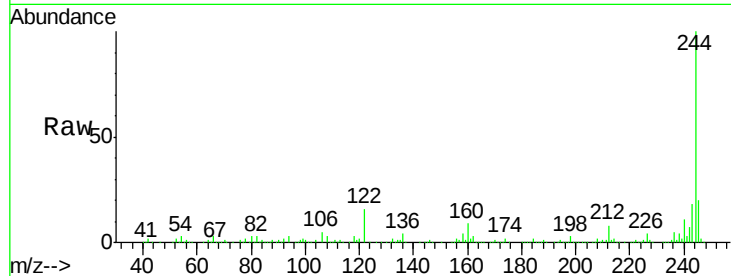
#78
 Terphenyl-d14
 Concen: 66.57 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Instrument :
 BNA_F
 ClientSampleId :
 EDD-3EMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	15.9	11.2	16.8

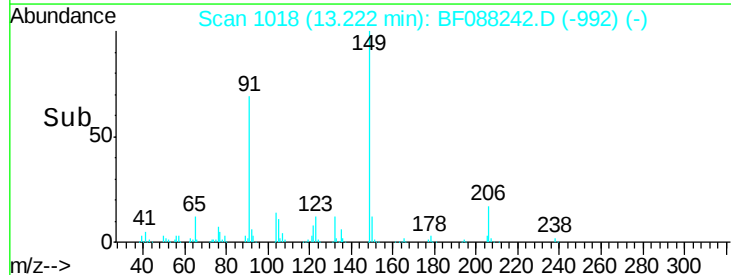
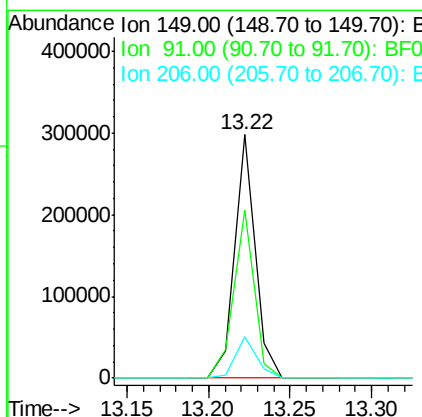
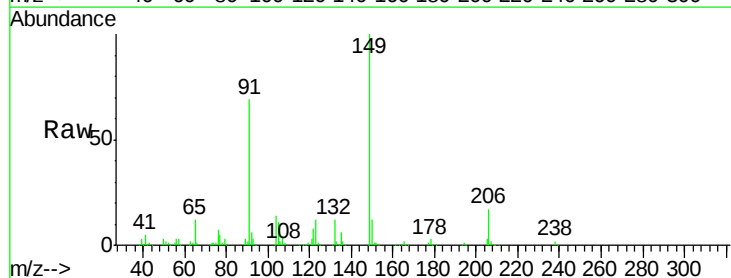
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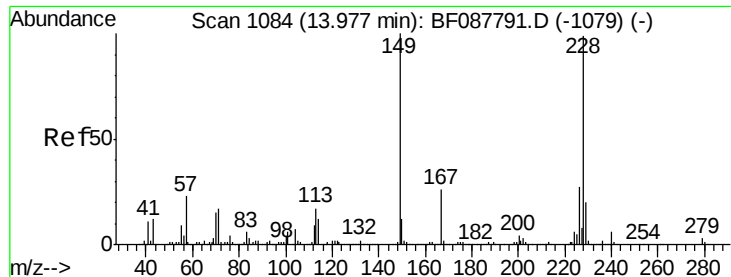
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#79
 Butylbenzylphthalate
 Concen: 39.15 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF088242.D
 Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	48.0	72.0
206	17.0	16.0	24.0





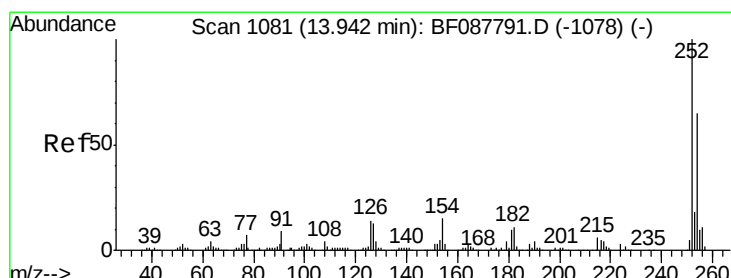
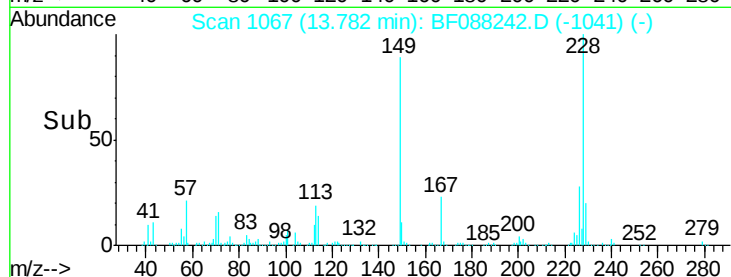
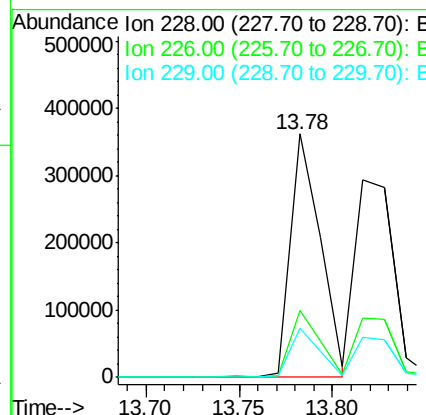
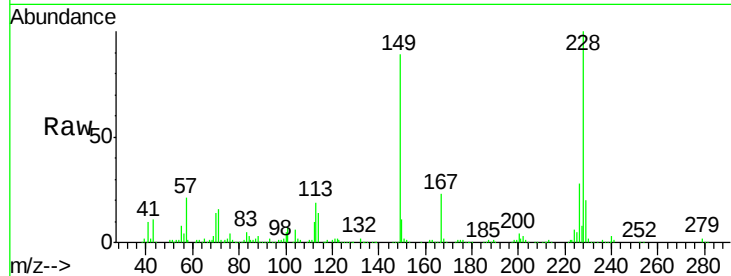
#80
Benzo(a)anthracene
Concen: 35.55 ng
RT: 13.78 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampled :
EDD-3EMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	20.4	16.0	24.0

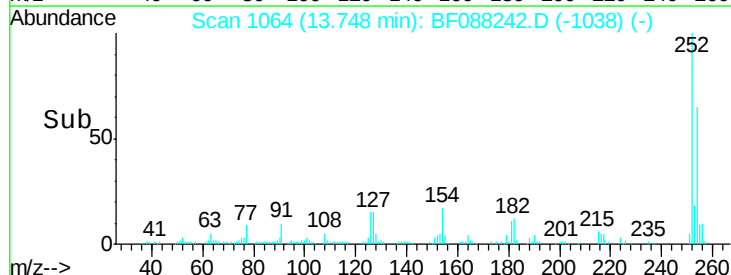
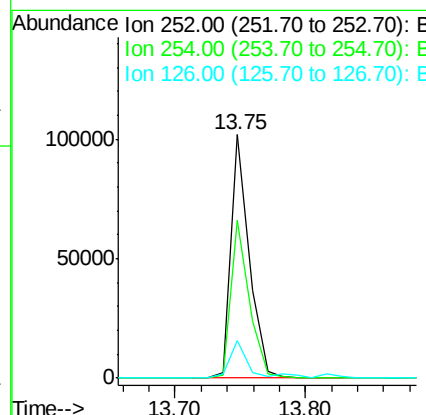
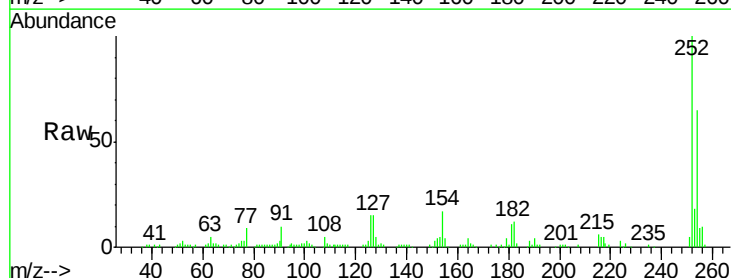
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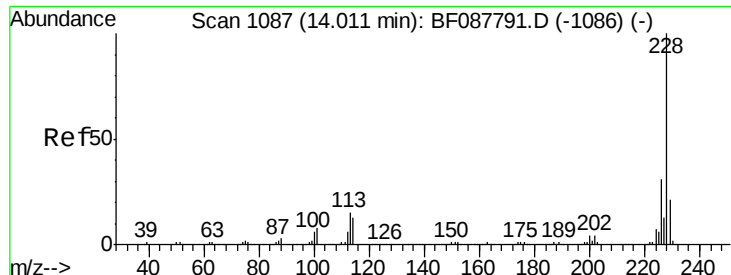
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#81
3,3'-Dichlorobenzidine
Concen: 32.37 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.6	78.8
126	15.3	6.2	9.2





#82

Chrysene

Concen: 38.96 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Instrument :

BNA_F

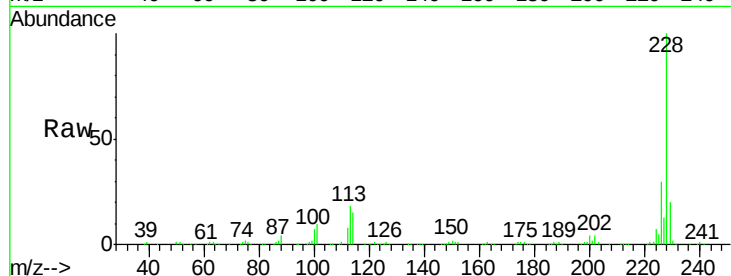
ClientSampleId :

EDD-3EMSD

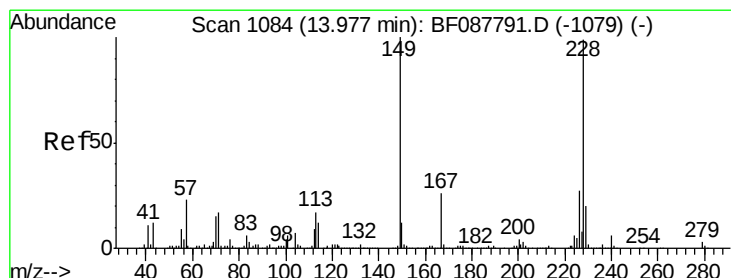
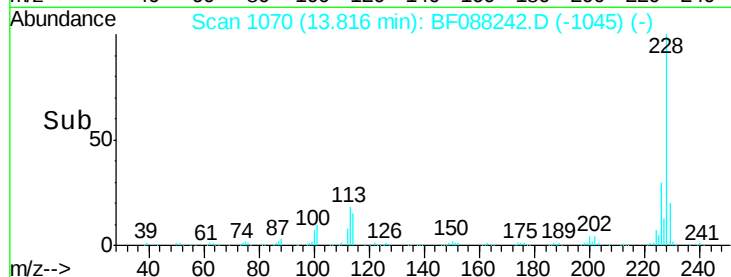
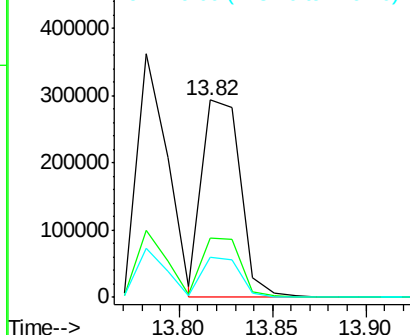
Tot Ion:	228	Resp:	419173
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.4	38.2
229	20.0	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.74 ng

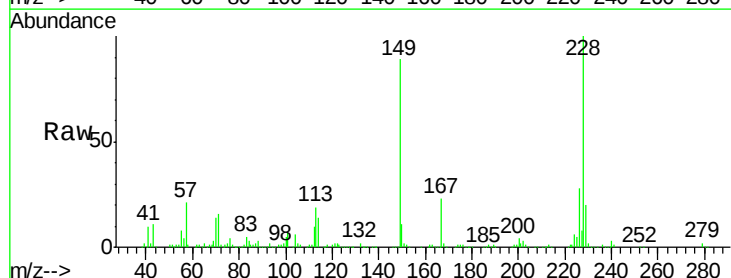
RT: 13.78 min Scan# 1067

Delta R.T. -0.00 min

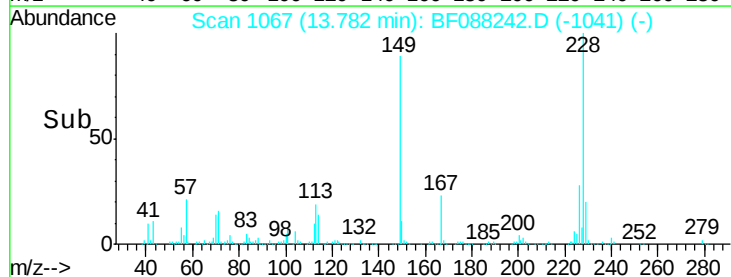
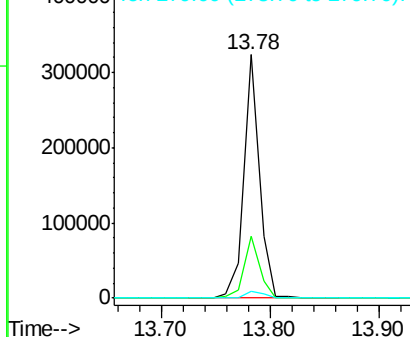
Lab File: BF088242.D

Acq: 22 Jun 2016 6:23

Tgt Ion:	149	Resp:	318547
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.5	30.7
279	2.6	2.0	3.0



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





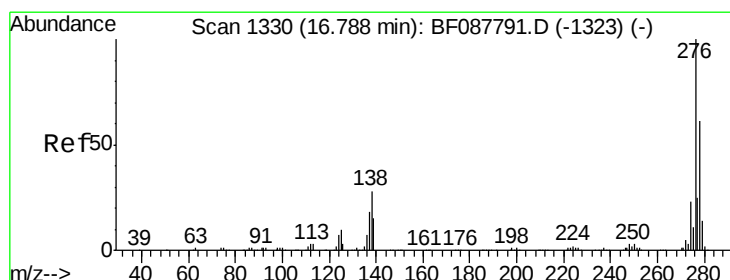
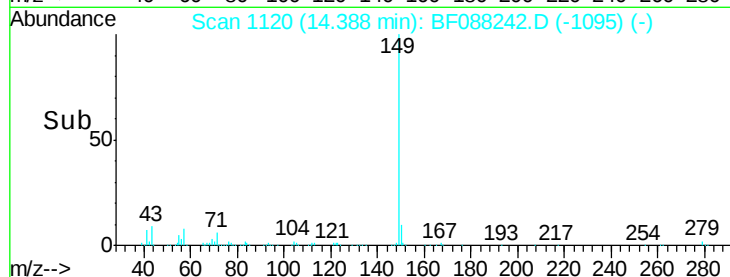
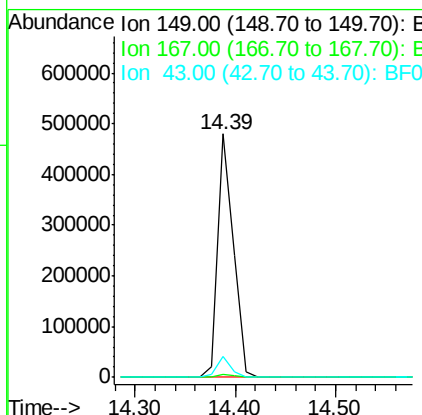
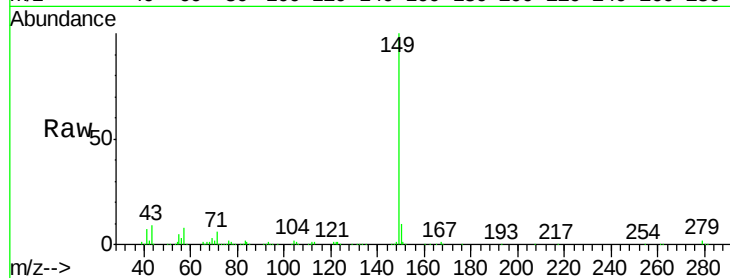
#84
Di-n-octyl phthalate
Concen: 39.90 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.8	0.0	0.0#

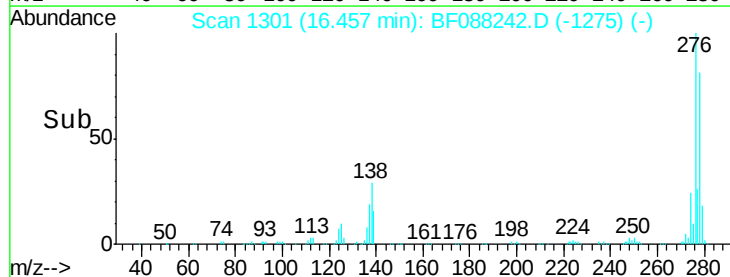
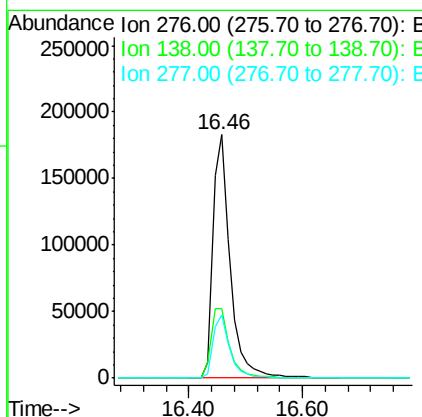
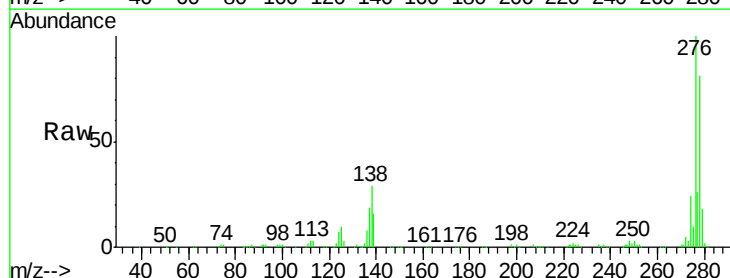
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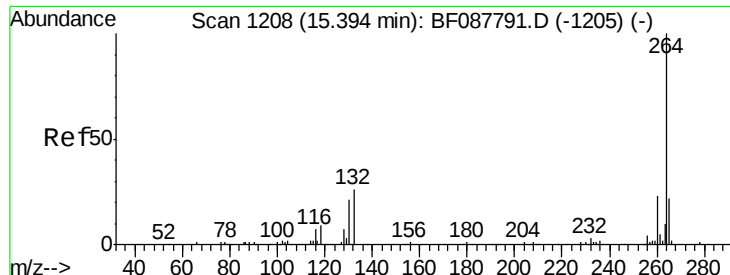
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#85
Indeno(1,2,3-cd)pyrene
Concen: 37.95 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	31.3	0.0	0.0#
277	25.3	0.0	0.0#





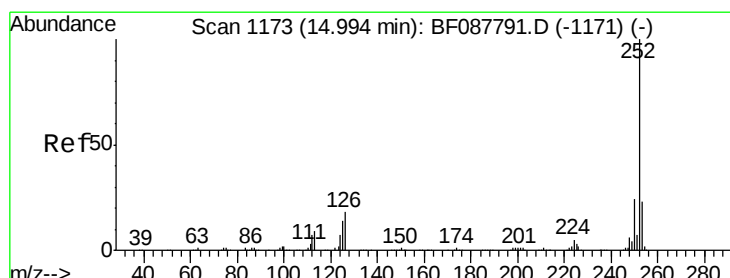
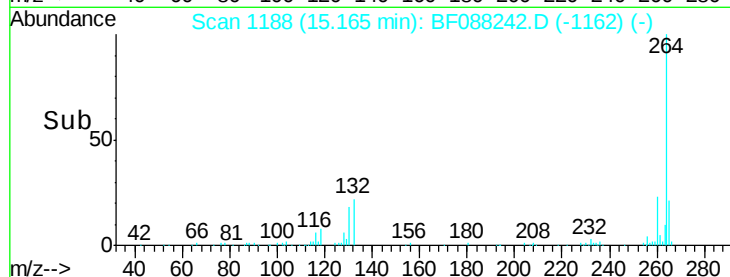
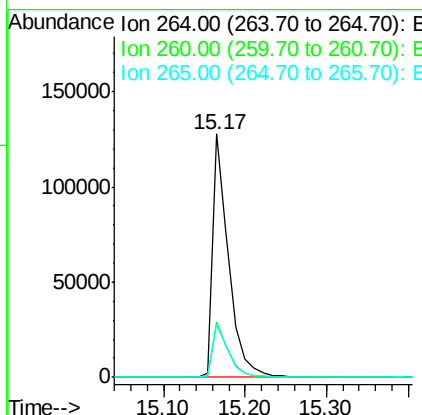
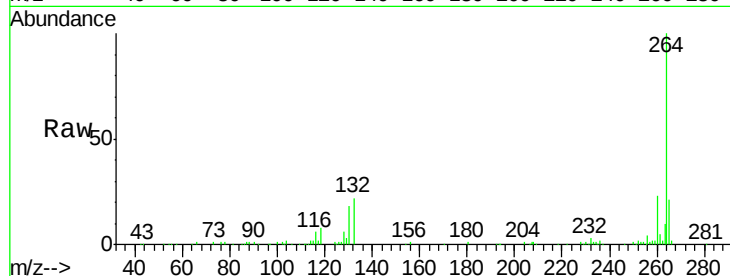
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	16.9	25.3

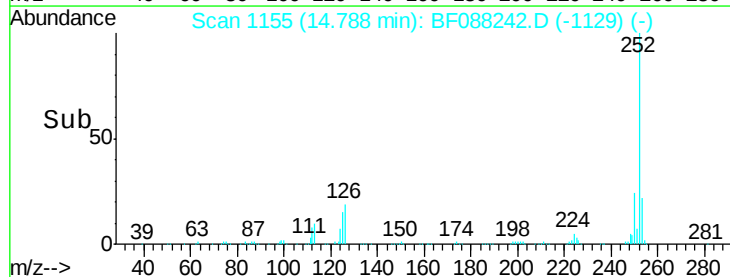
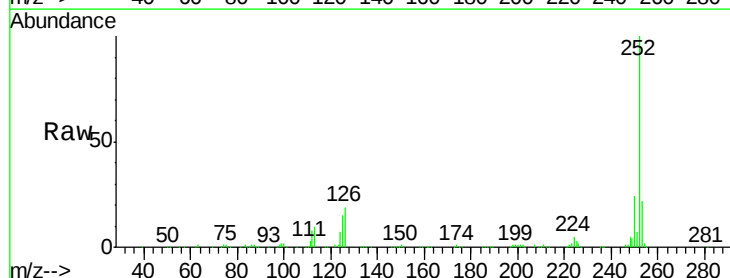
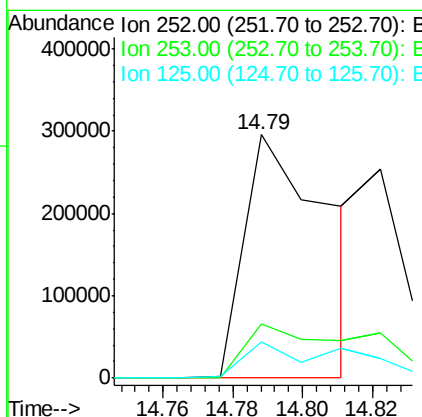
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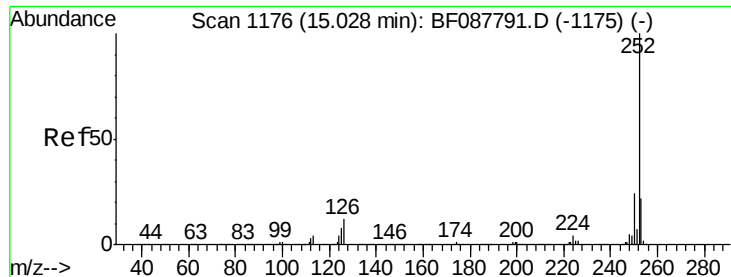
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#87
Benzo(b)fluoranthene
Concen: 40.87 ng m
RT: 14.79 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	14.6	7.1	10.7#





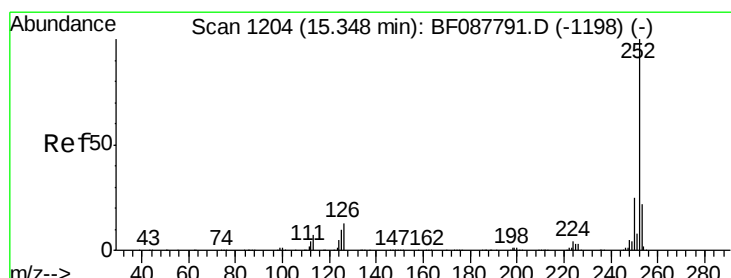
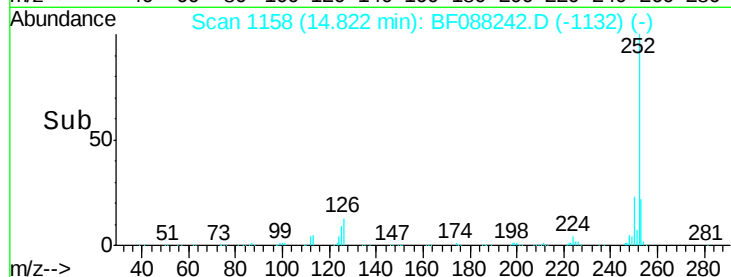
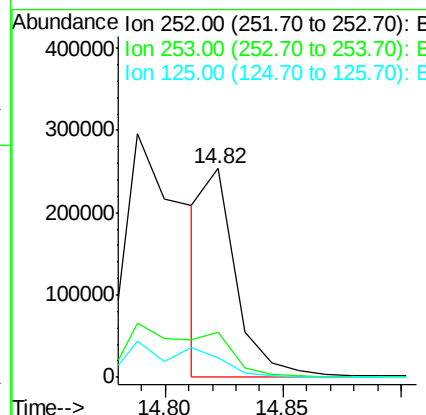
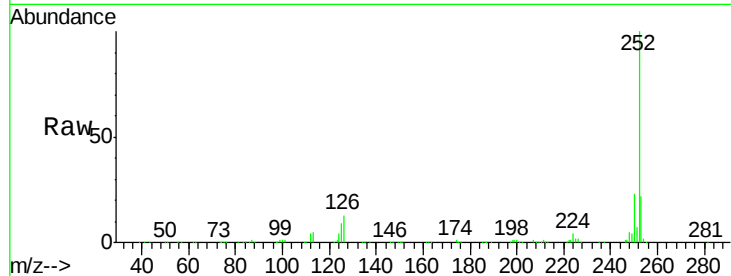
#88
Benzo(k)fluoranthene
Concen: 25.56 ng m
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	233877		
253	21.9	18.0	27.0	
125	9.2	11.2	16.8	

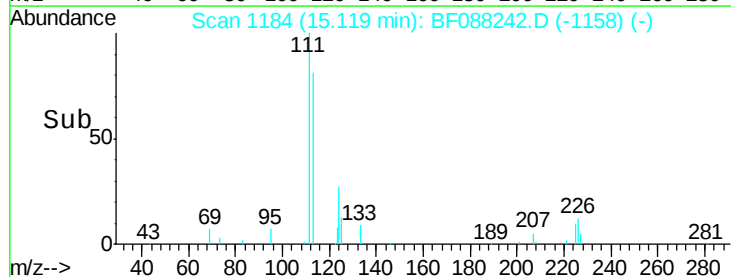
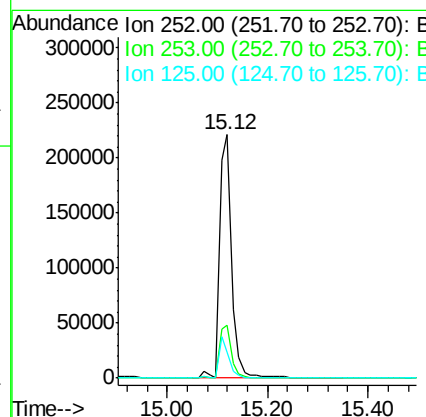
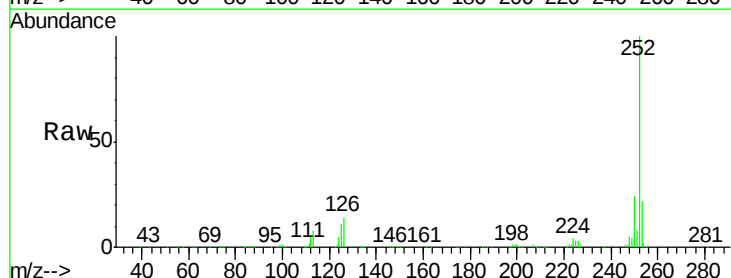
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#89
Benzo(a)pyrene
Concen: 37.19 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	364954		
253	21.9	17.9	26.9	
125	10.8	12.5	18.7	





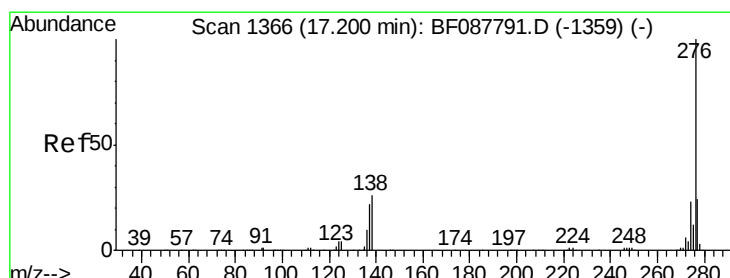
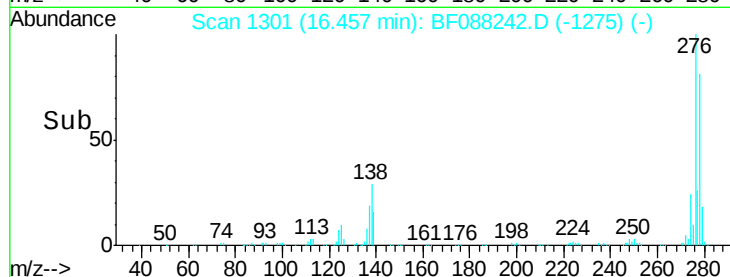
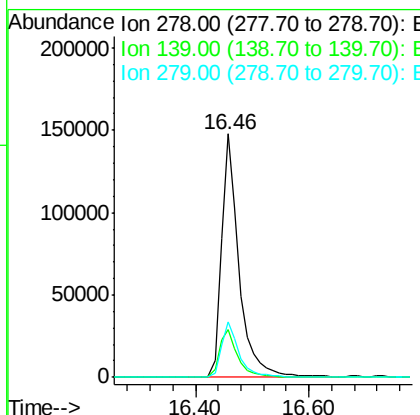
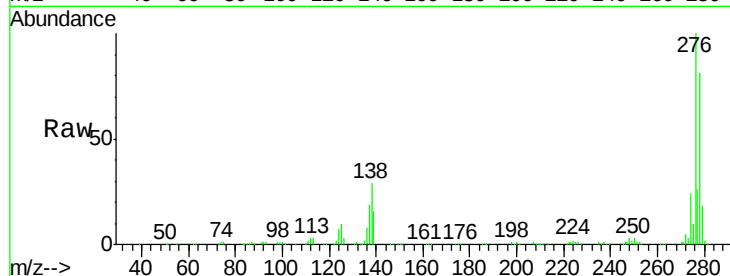
#90
Dibenzo(a,h)anthracene
Concen: 34.90 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Instrument :
BNA_F
ClientSampleId :
EDD-3EMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.7	23.5
279	22.8	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 35.81 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF088242.D
Acq: 22 Jun 2016 6:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	27.1	21.4	32.2

