

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095106.D
 Acq On : 12 May 2017 8:35
 Operator : SJ/MA
 Sample : I3058-04 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-170508

Manual Integrations
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Quant Time: May 12 13:52:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	86313	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	353105	20.00	ng	-0.04
38) Acenaphthene-d10	12.55	164	148490	20.00	ng	-0.04
63) Phenanthrene-d10	14.96	188	275646	20.00	ng	-0.02
75) Chrysene-d12	18.65	240	183350	20.00	ng	0.00
86) Perylene-d12	20.31	264	176670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	1201	0.23	ng	0.06
7) Phenol-d6	7.45	99	1528	0.25	ng	0.18
23) Nitrobenzene-d5	8.56	82	327	0.06	ng	-0.08
41) 2,4,6-Tribromophenol	13.91	330	108	0.09	ng	0.03
44) 2-Fluorobiphenyl	11.51	172	5029	0.49	ng	-0.02
78) Terphenyl-d14	17.30	244	3339	0.40	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.02	88	31028	12.22	ng	86
14) 1,2-Dichlorobenzene	7.97	146	32256	5.10	ng	95
20) 3+4-Methylphenols	8.50	107	40069m	6.11	ng	
27) 2,4-Dimethylphenol	9.35	122	12359m	2.41	ng	
83) Bis(2-ethylhexyl)phthalate	18.70	149	18720	2.06	ng	100

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

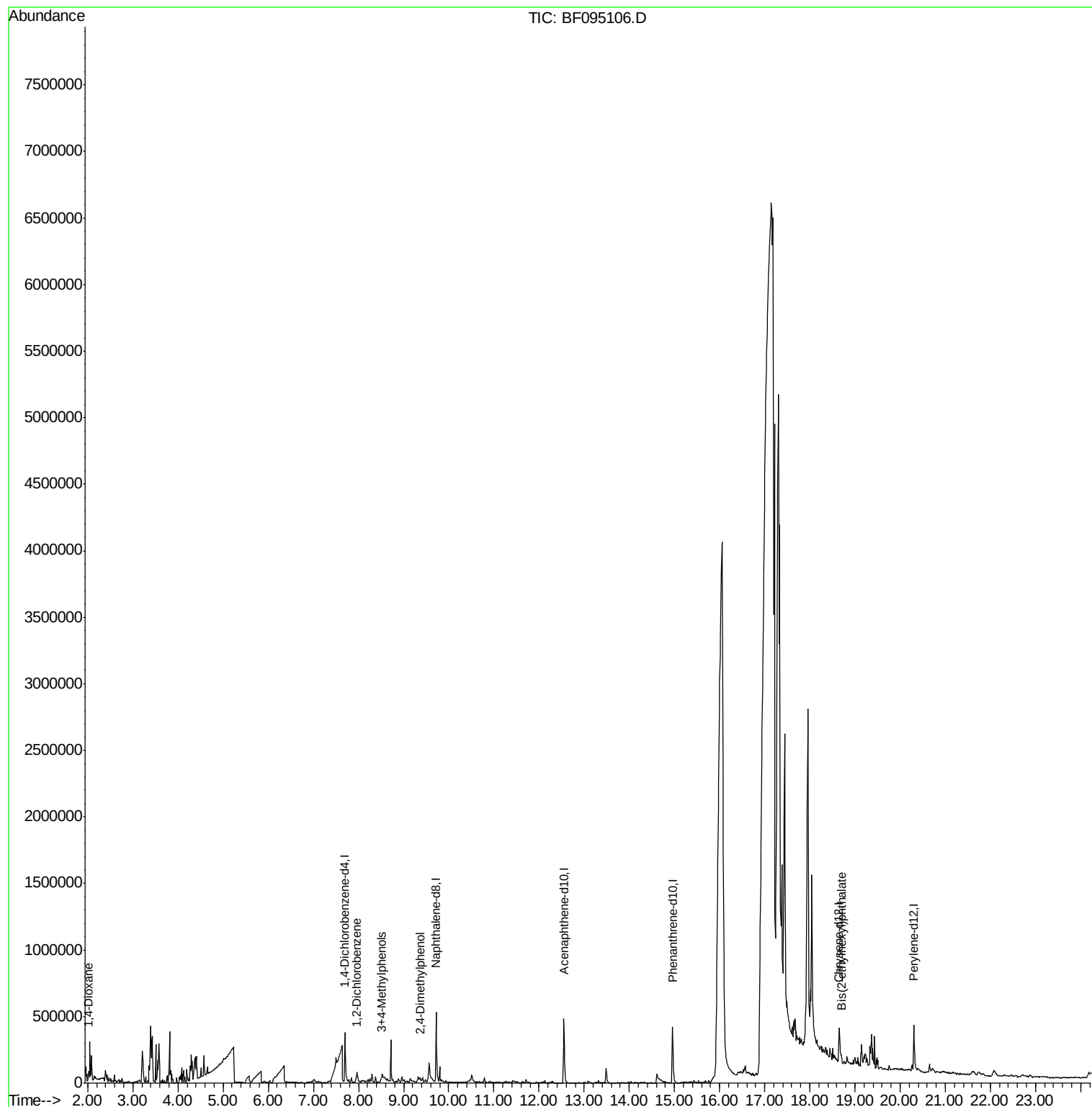
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
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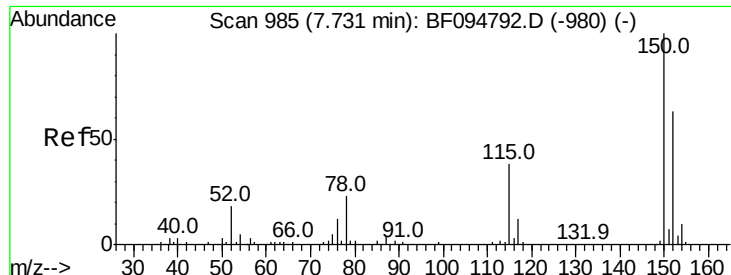
Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

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QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF095106.D

Acq: 12 May 2017 8:35

Instrument :

BNA_F

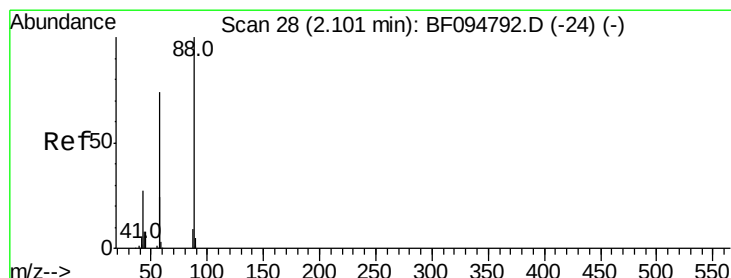
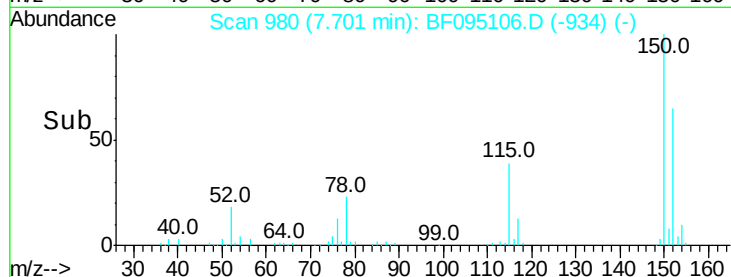
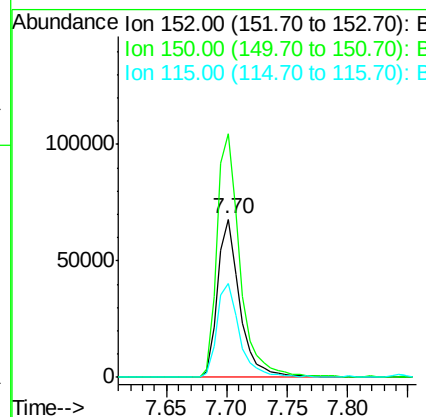
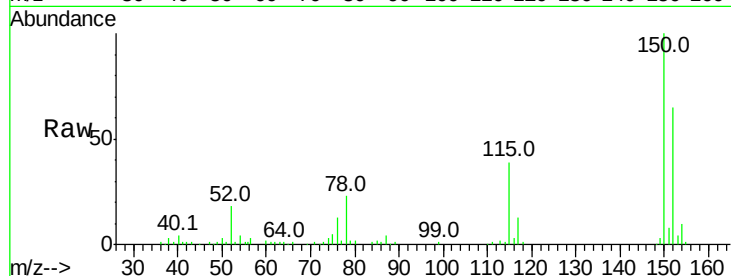
ClientSampleId :

KY032MW006-170508

Tot Ion:	152	Resp:	86313
Ion Ratio	Lower	Upper	
152	100		
150	153.7	126.2	189.2
115	59.4	52.2	78.2

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#2

1,4-Dioxane

Concen: 12.22 ng

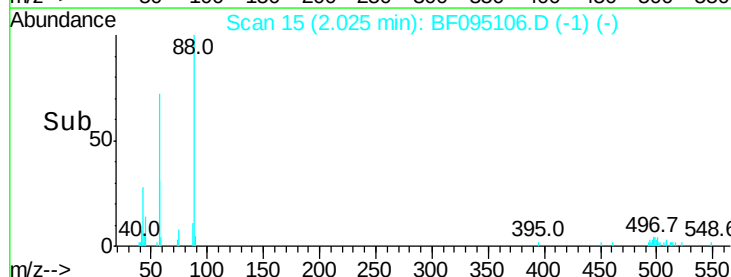
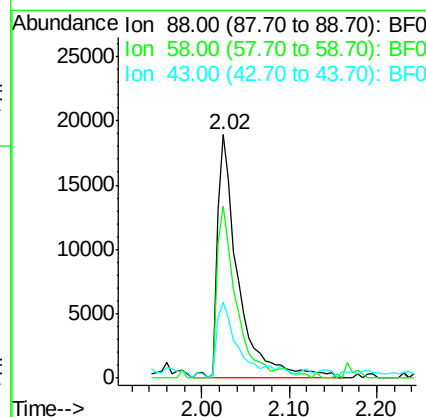
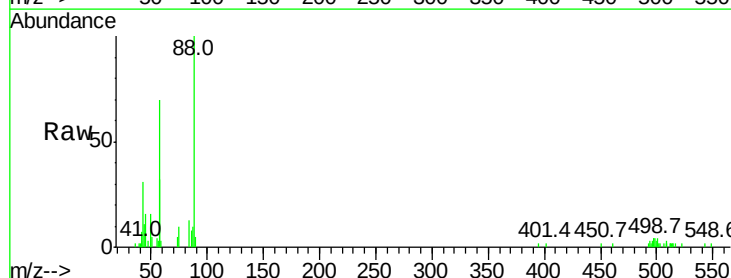
RT: 2.02 min Scan# 15

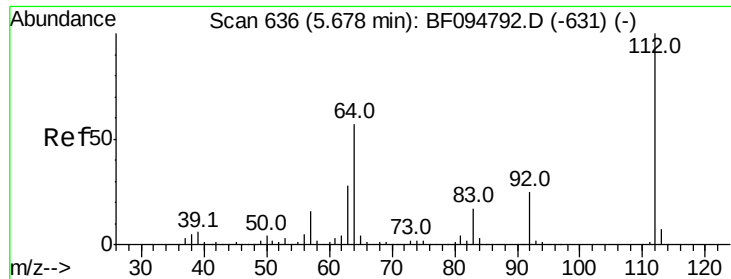
Delta R.T. -0.08 min

Lab File: BF095106.D

Acq: 12 May 2017 8:35

Tgt Ion:	88	Resp:	31028
Ion Ratio	Lower	Upper	
88	100		
58	63.7	61.4	92.0
43	34.6	23.4	35.0





#5

2-Fluorophenol

Concen: 0.23 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.06 min

Lab File: BF095106.D

Acq: 12 May 2017 8:35

Instrument :

BNA_F

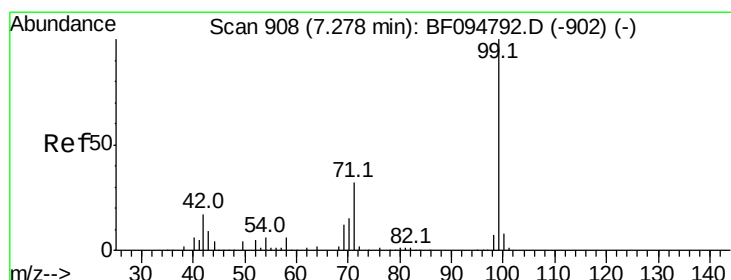
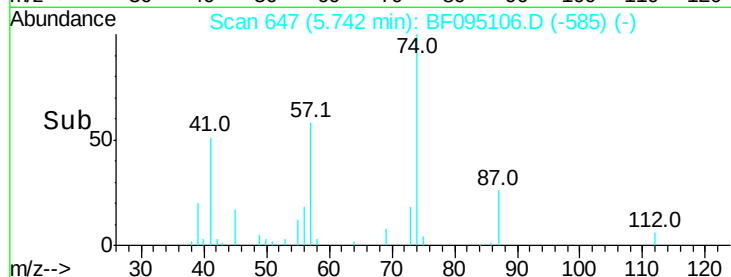
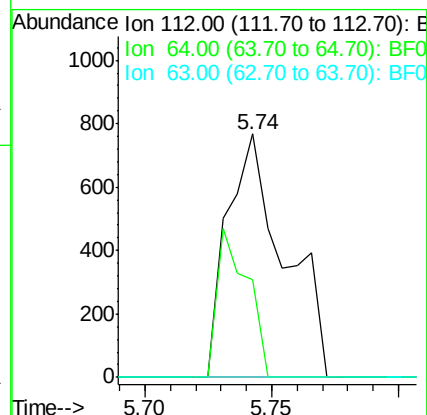
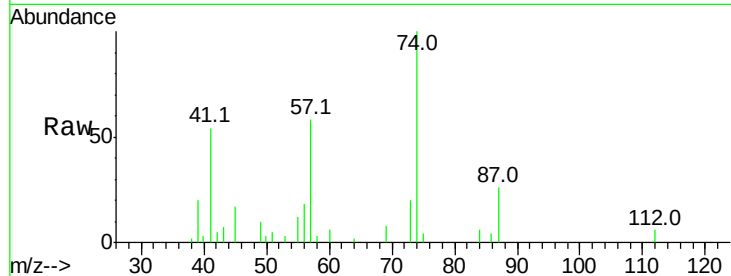
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	1201		
64	40.2	46.0	69.0#	
63	0.0	23.4	35.0#	

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#7

Phenol-d6

Concen: 0.25 ng

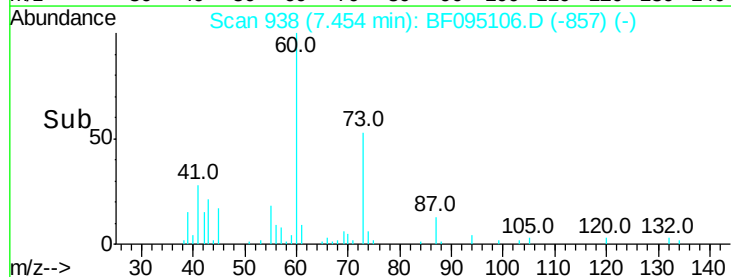
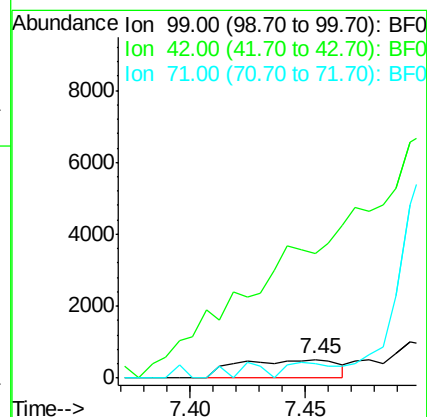
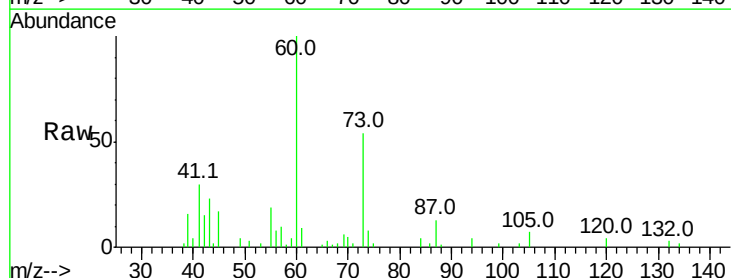
RT: 7.45 min Scan# 938

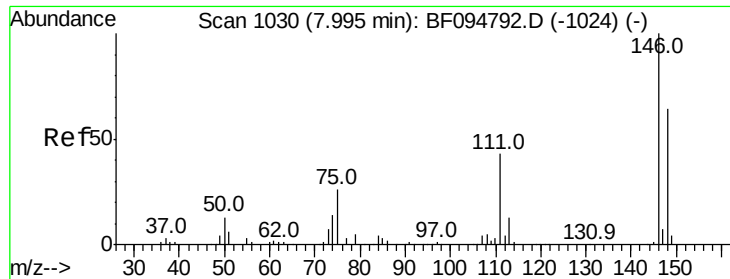
Delta R.T. 0.18 min

Lab File: BF095106.D

Acq: 12 May 2017 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	1528		
42	664.9	13.5	20.3#	
71	79.5	24.5	36.7#	





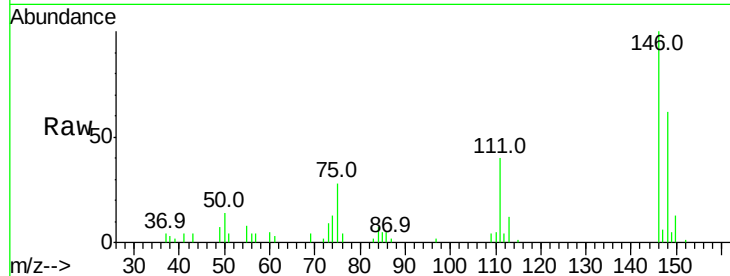
#14
 1,2-Dichlorobenzene
 Concen: 5.10 ng
 RT: 7.97 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF095106.D
 Acq: 12 May 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-170508

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.4	75.6
111	40.5	38.2	57.4

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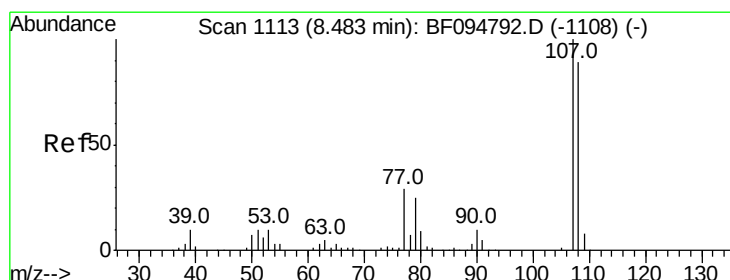
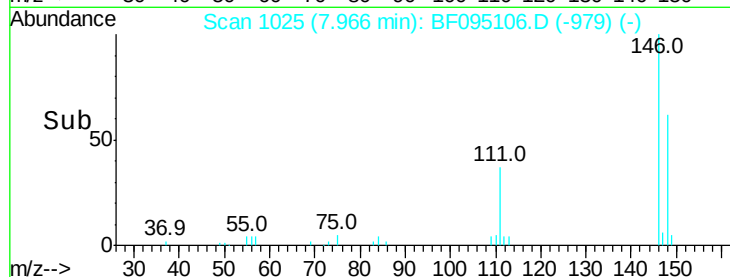
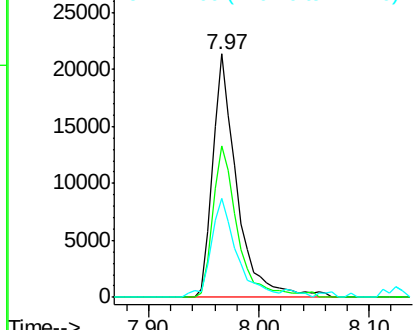


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#20
 3+4-Methylphenols
 Concen: 6.11 ng m
 RT: 8.50 min Scan# 1116
 Delta R.T. 0.02 min
 Lab File: BF095106.D
 Acq: 12 May 2017 8:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.5	71.0	111.0
77	28.1	90.5	130.5#
79	22.6	8.4	48.4

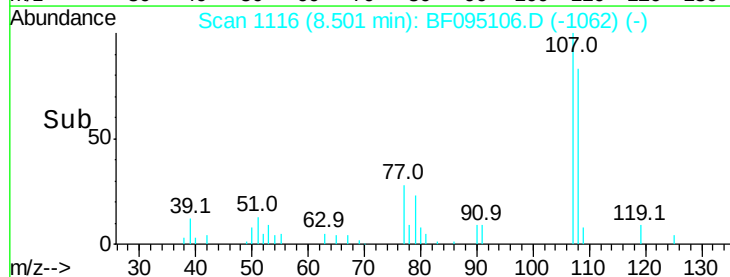
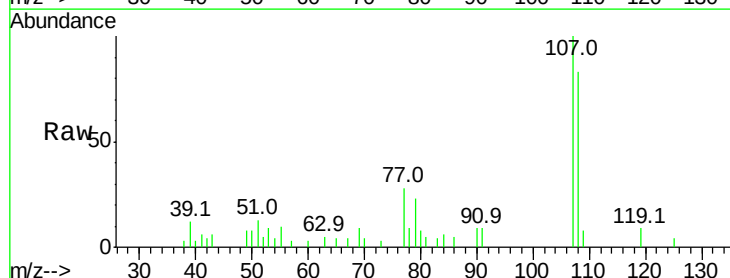
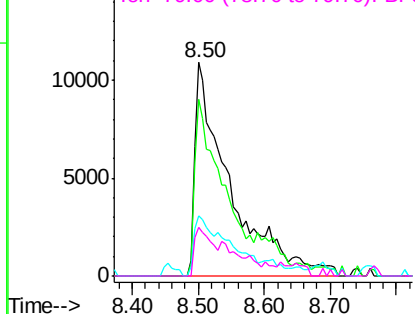
Abundance

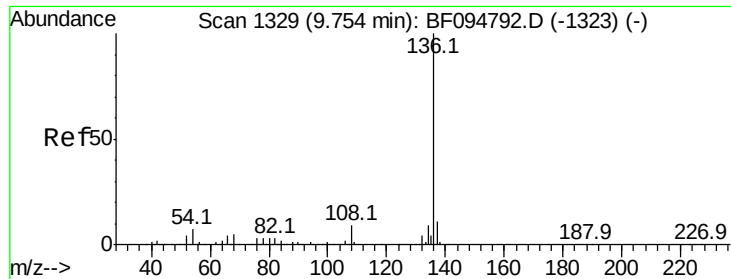
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





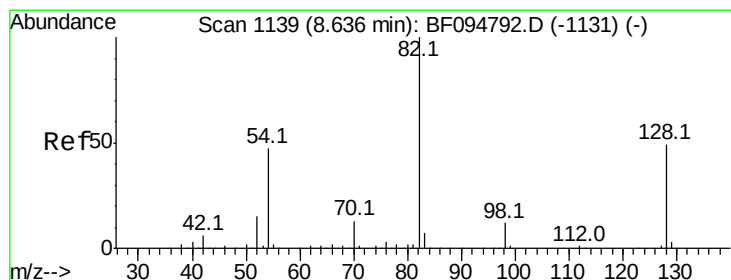
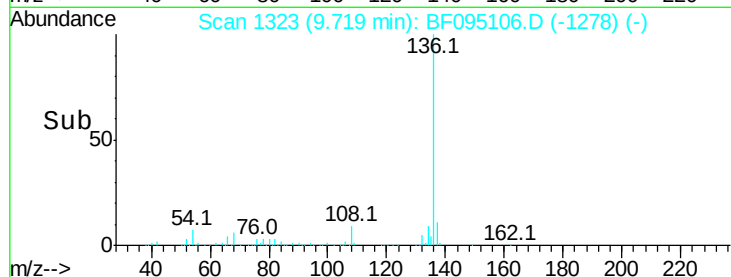
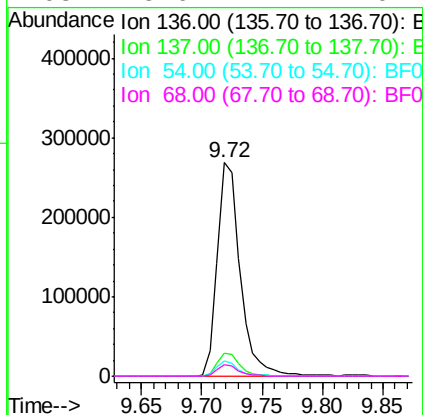
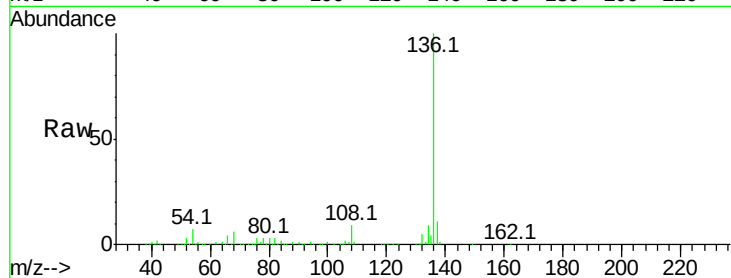
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.7		8.5	12.7	
54	7.1		4.9	7.3	
68	5.6		4.1	6.1	

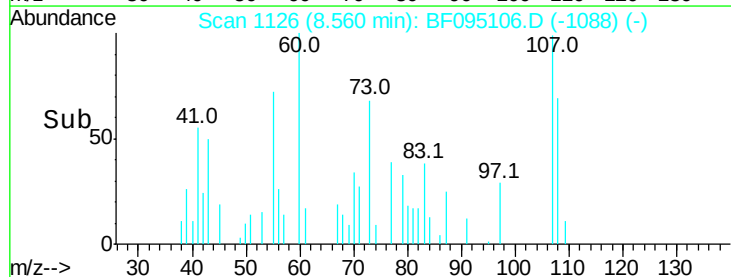
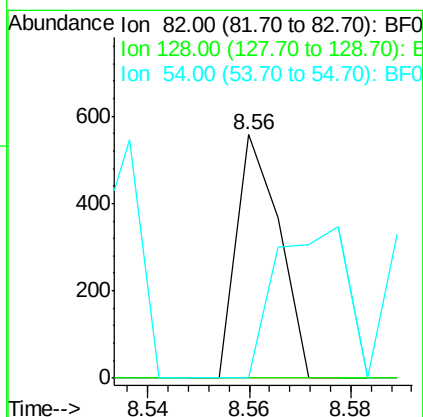
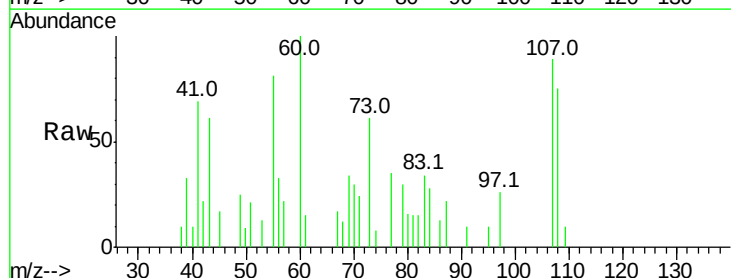
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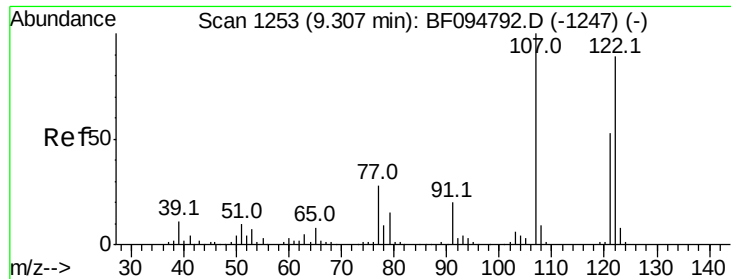
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#23
Nitrobenzene-d5
Concen: 0.06 ng
RT: 8.56 min Scan# 1126
Delta R.T. -0.08 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	0.0		34.0	51.0#	
54	0.0		42.2	63.2#	





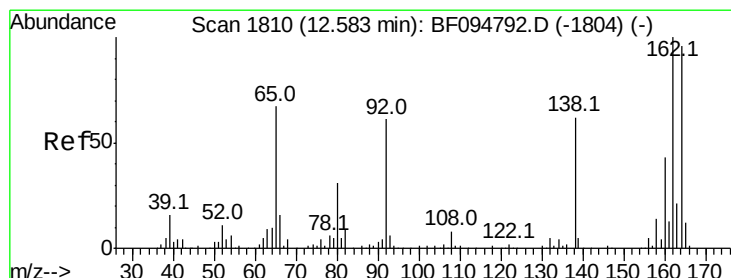
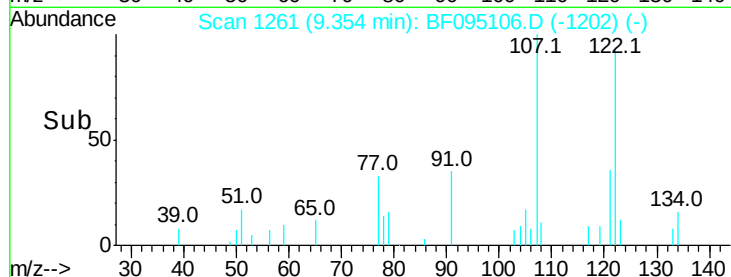
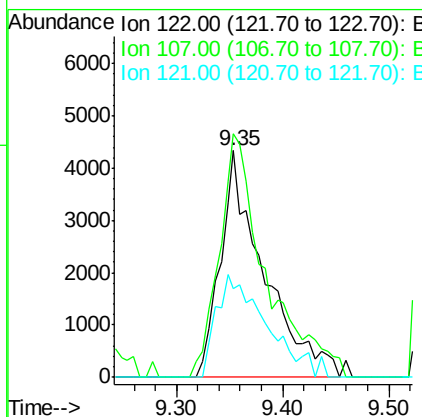
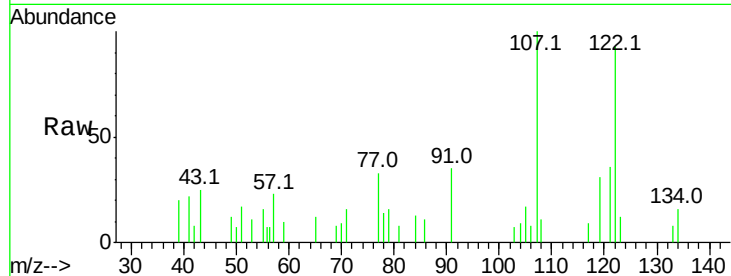
#27
2,4-Dimethylphenol
Concen: 2.41 ng/ml
RT: 9.35 min Scan# 1261
Delta R.T. 0.05 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
122	100		
107	107.6	89.2	133.8
121	39.2	45.2	67.8

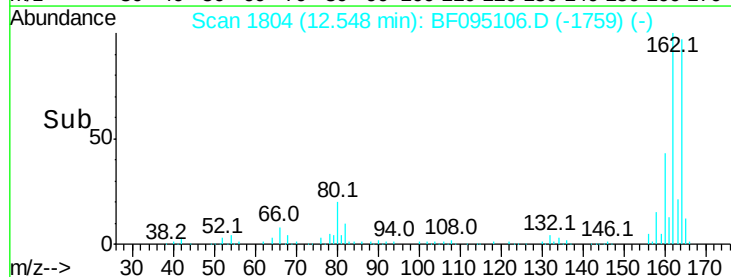
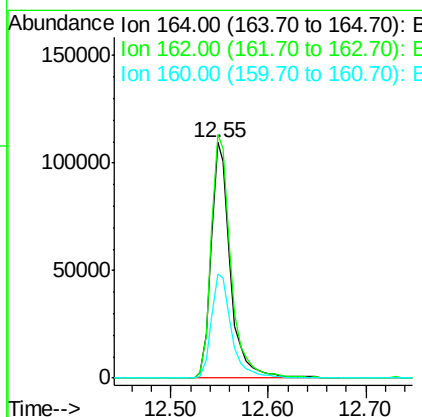
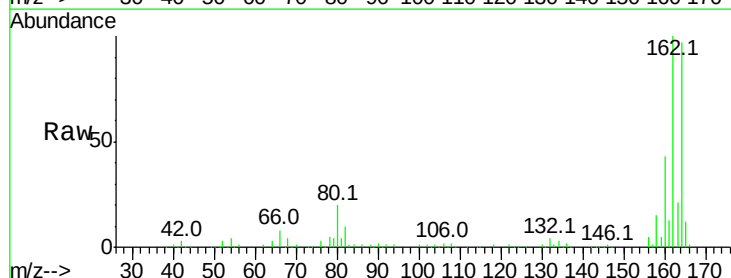
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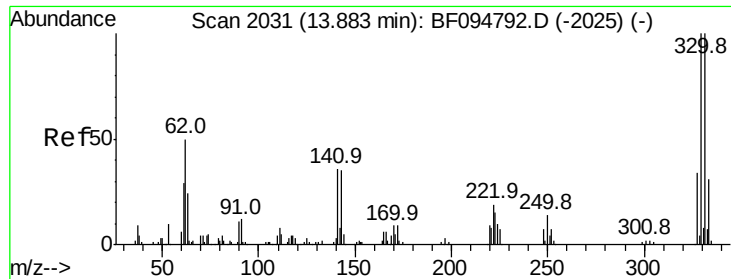
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.04 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	44.1	36.2	54.2





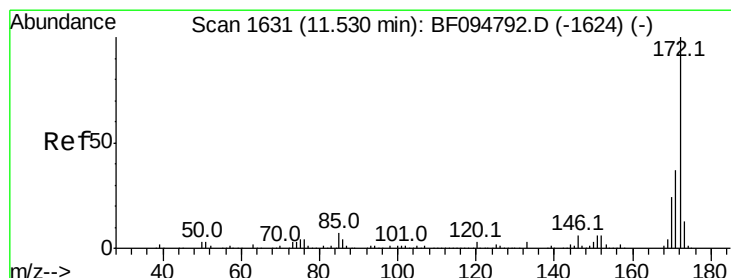
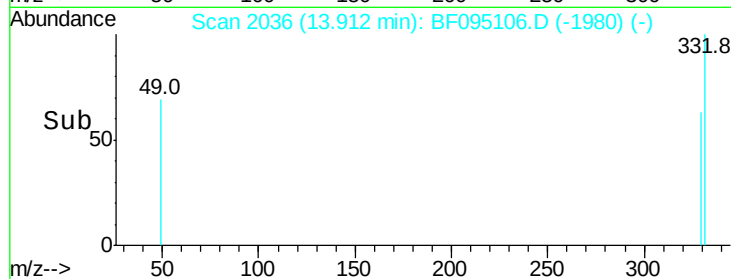
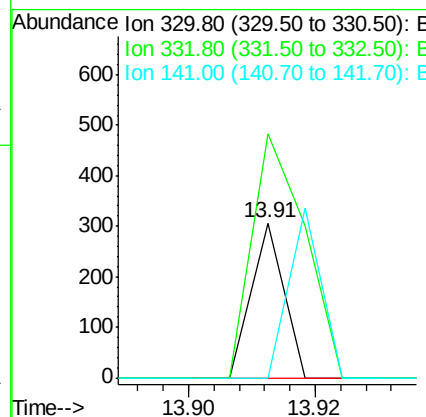
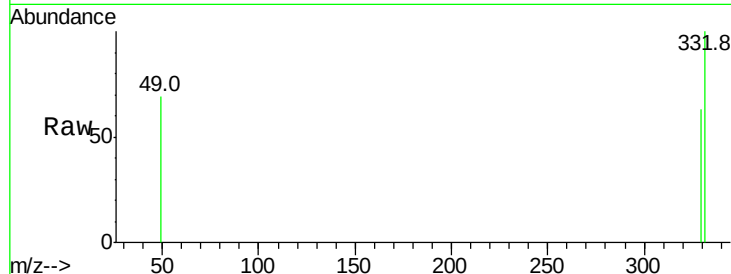
#41
 2,4,6-Tribromophenol
 Concen: 0.09 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. 0.03 min
 Lab File: BF095106.D
 Acq: 12 May 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-170508

Tot Ion	Ratio	Lower	Upper
330	100		
332	256.5	76.6	115.0#
141	110.2	31.4	47.2#

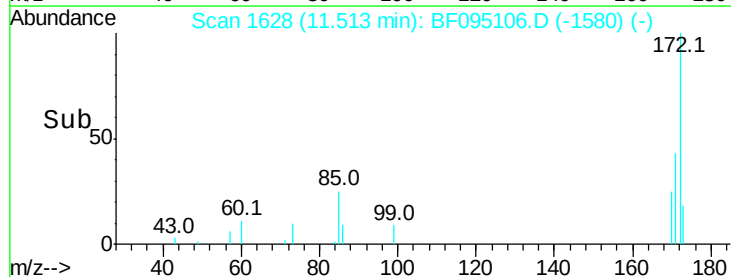
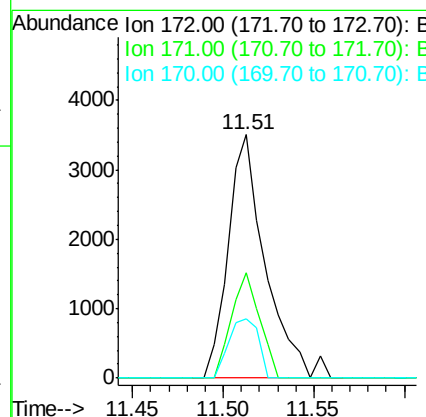
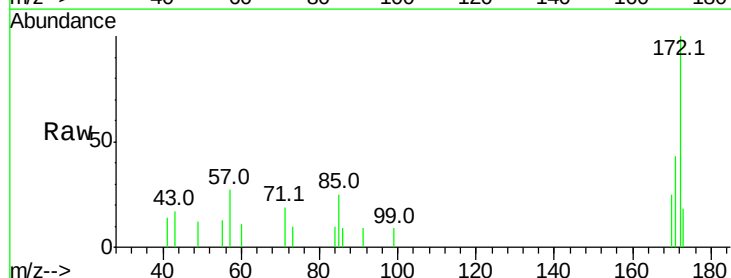
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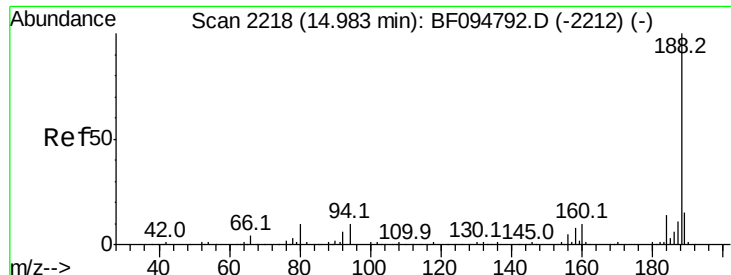
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#44
 2-Fluorobiphenyl
 Concen: 0.49 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095106.D
 Acq: 12 May 2017 8:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.1	29.6	44.4
170	24.6	19.8	29.8





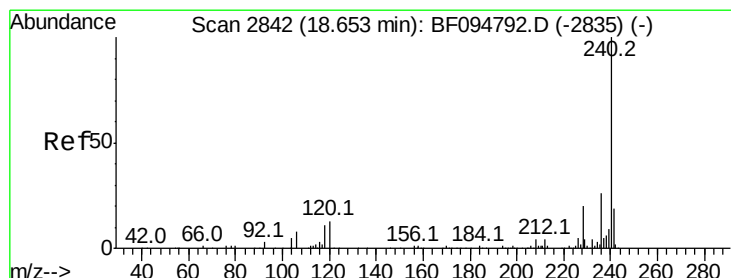
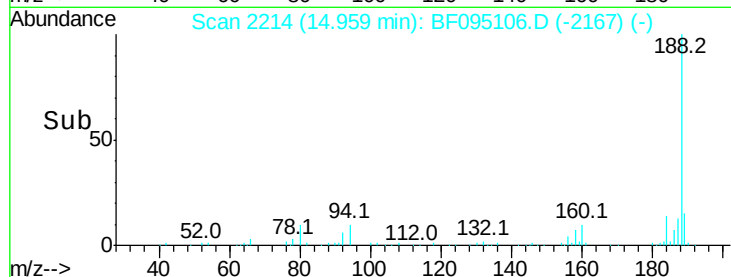
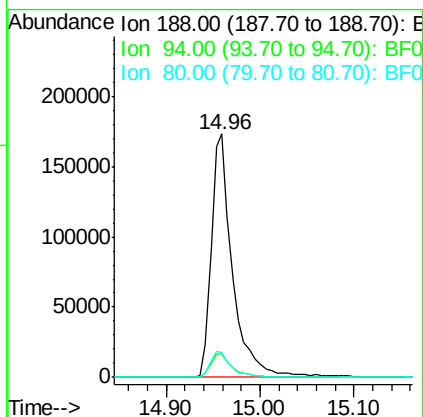
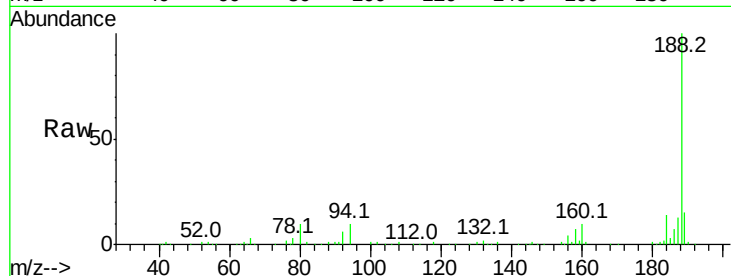
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	9.4	14.2
80	9.9	10.2	15.2#

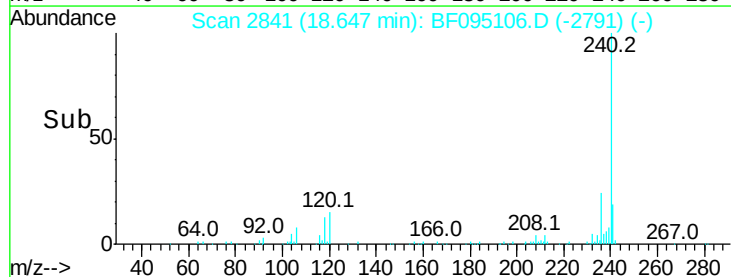
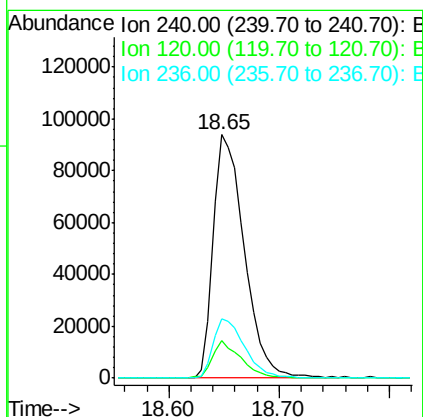
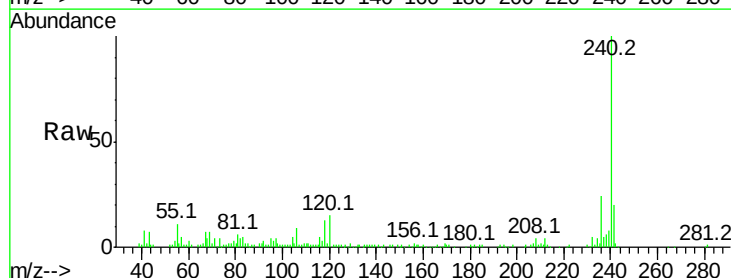
Manual Integrations
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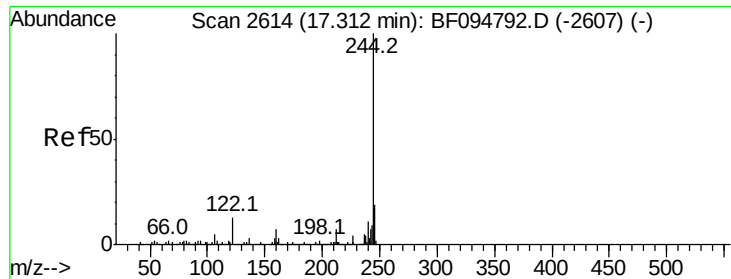
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	24.4	20.5	30.7





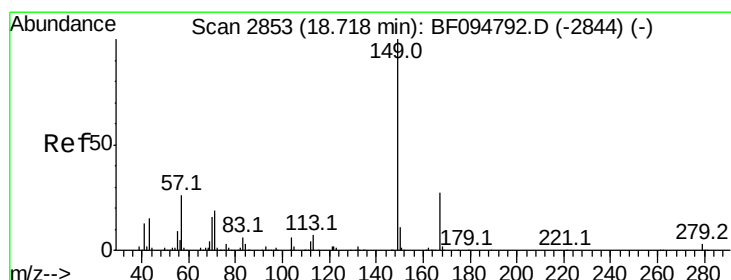
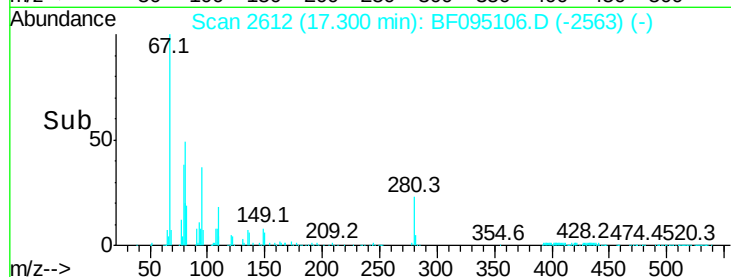
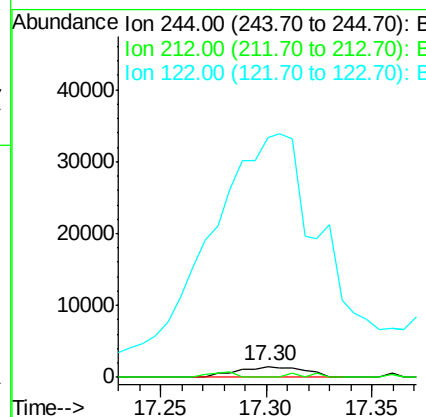
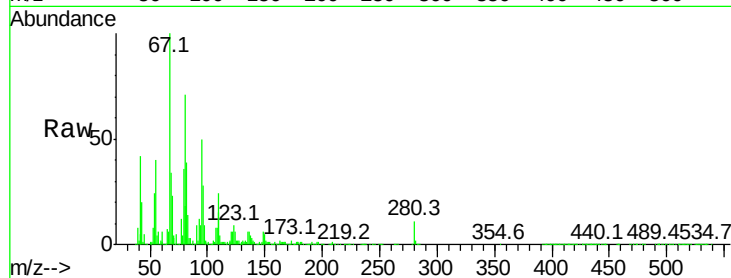
#78
 Terphenyl-d14
 Concen: 0.40 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF095106.D
 Acq: 12 May 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-170508

Tot Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.0	9.0
122	2187.0	10.3	15.5

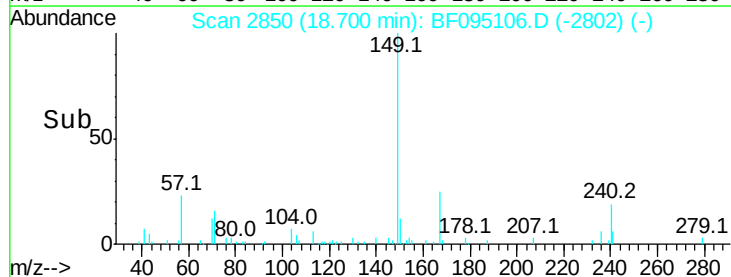
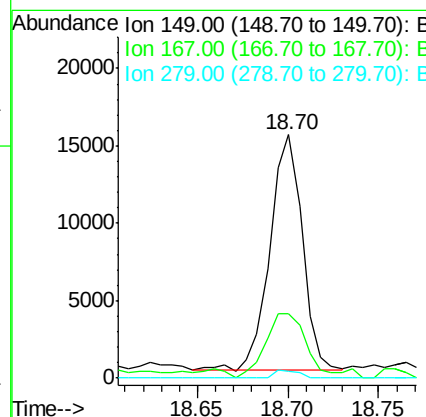
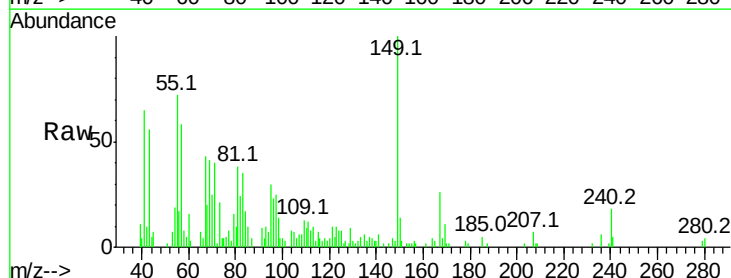
Manual Integrations
 APPROVED

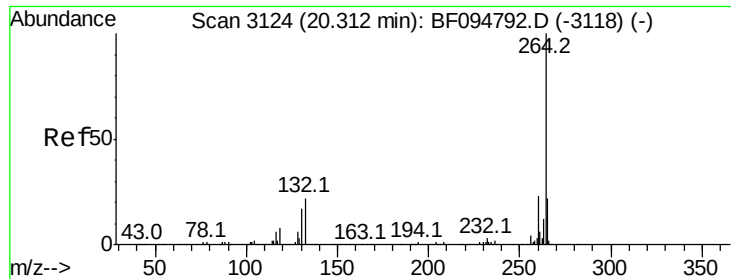
mohammad
 5/12/2017 3:36:37 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.06 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF095106.D
 Acq: 12 May 2017 8:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.5	1.9	2.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095106.D
Acq: 12 May 2017 8:35

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.2	17.2	25.8

Manual Integrations
APPROVED

mohammad
5/12/2017 3:36:37 PM

