

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095097.D
 Acq On : 12 May 2017 00:25
 Operator : SJ/MA
 Sample : I3058-04 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-170508

Manual Integrations
 APPROVED

mohammad
 5/12/2017 3:36:23 PM

Quant Time: May 12 13:14:10 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	85944	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	341572	20.00	ng	-0.04
38) Acenaphthene-d10	12.55	164	161628	20.00	ng	-0.04
63) Phenanthrene-d10	14.95	188	276096	20.00	ng	-0.03
75) Chrysene-d12	18.65	240	182071	20.00	ng	0.00
86) Perylene-d12	20.31	264	169692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	1199	0.23	ng	0.06
7) Phenol-d6	7.44	99	1851	0.30	ng	0.16
23) Nitrobenzene-d5	8.61	82	361	0.07	ng	-0.03
41) 2,4,6-Tribromophenol	13.91	330	111	0.08	ng	0.02
44) 2-Fluorobiphenyl	11.51	172	5041	0.45	ng	-0.02
78) Terphenyl-d14	17.30	244	2830	0.34	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.03	88	30311	11.99	ng	# 90
14) 1,2-Dichlorobenzene	7.97	146	31347	4.98	ng	98
20) 3+4-Methylphenols	8.50	107	36801m	5.64	ng	
27) 2,4-Dimethylphenol	9.35	122	12337	2.49	ng	# 91
83) Bis(2-ethylhexyl)phthalate	18.70	149	18385	2.04	ng	# 98

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

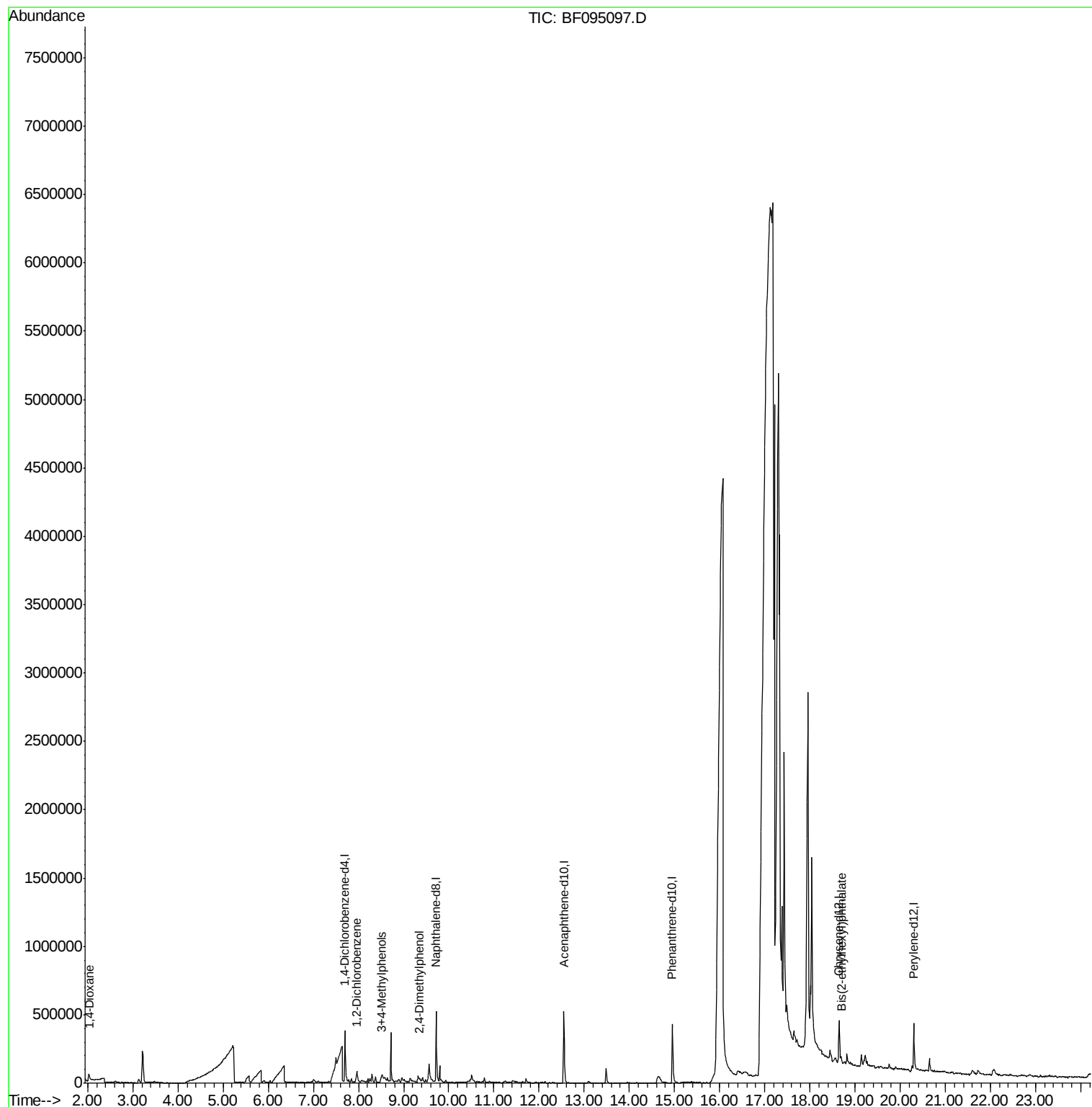
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
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QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF095097.D

Acq: 12 May 2017 00:25

Instrument :

BNA_F

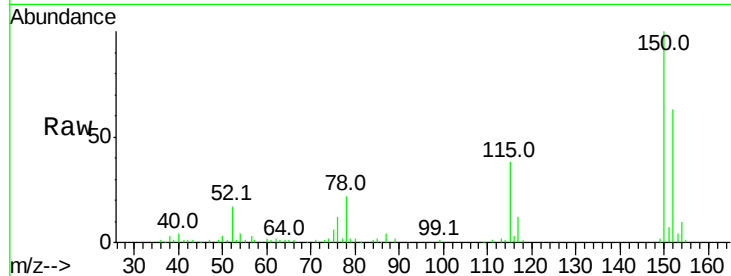
ClientSampleId :

KY032MW006-170508

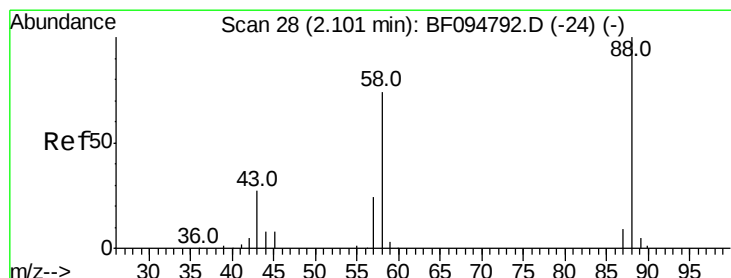
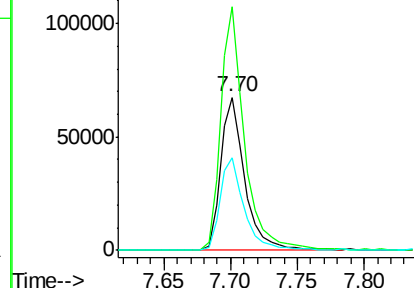
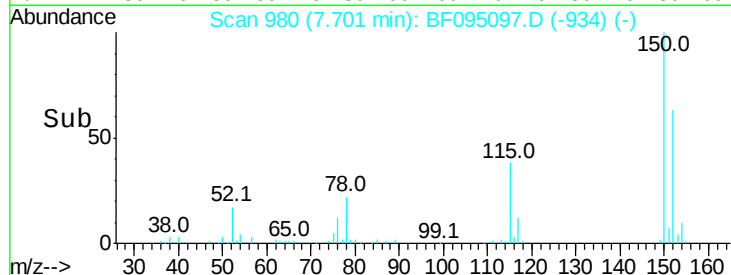
Tot Ion:	152	Resp:	85944
Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	60.0	52.2	78.2

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



#2

1,4-Dioxane

Concen: 11.99 ng

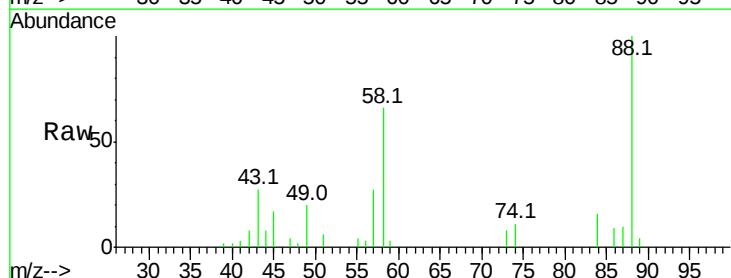
RT: 2.03 min Scan# 16

Delta R.T. -0.07 min

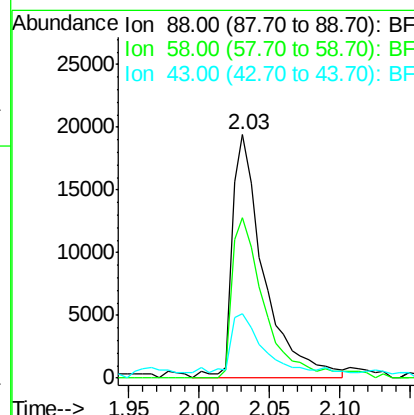
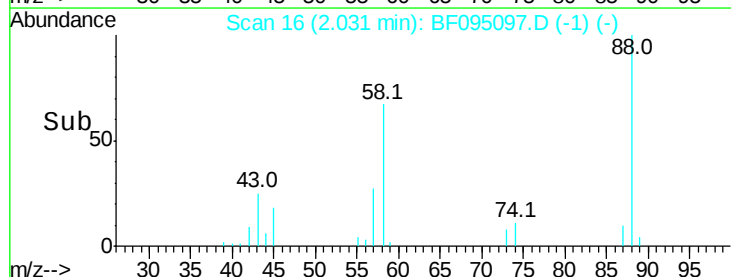
Lab File: BF095097.D

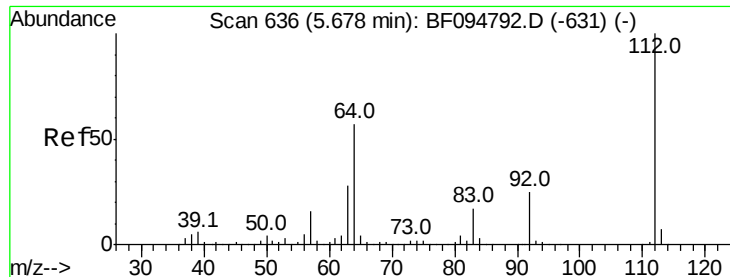
Acq: 12 May 2017 00:25

Tgt Ion:	88	Resp:	30311
Ion	Ratio	Lower	Upper
88	100		
58	69.2	61.4	92.0
43	22.9	23.4	35.0#



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





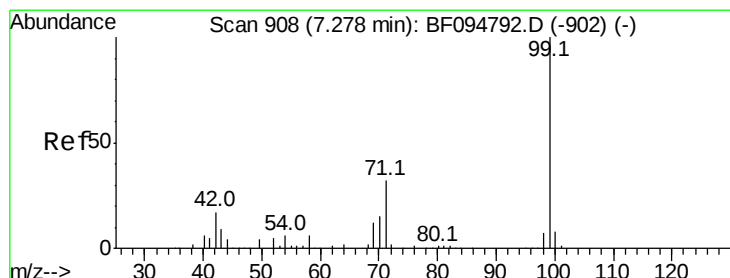
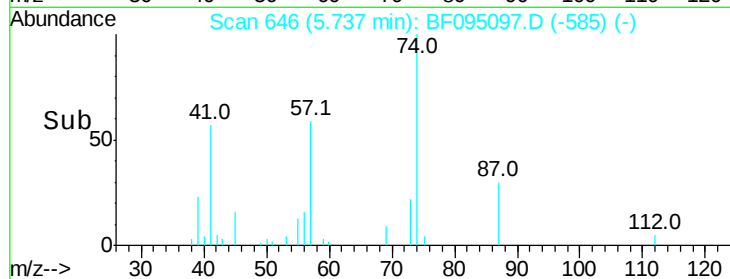
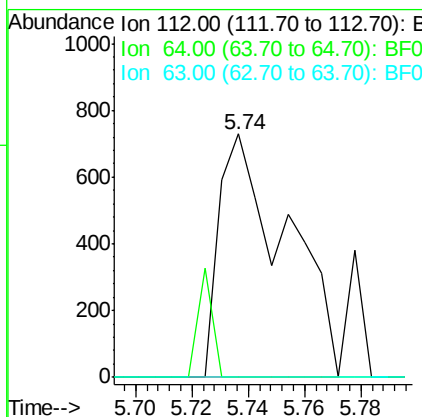
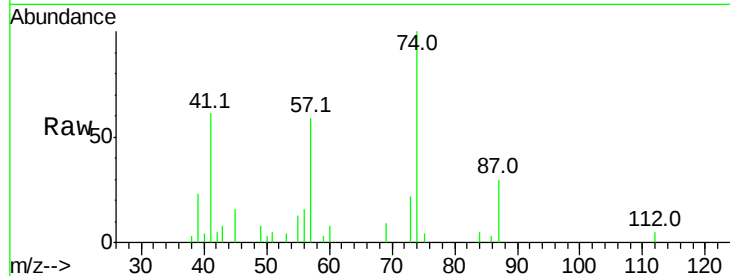
#5
 2-Fluorophenol
 Concen: 0.23 ng
 RT: 5.74 min Scan# 646
 Delta R.T. 0.06 min
 Lab File: BF095097.D
 Acq: 12 May 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-170508

Tot Ion:	112	Resp:	1199
Ion Ratio	Lower	Upper	
112	100		
64	0.0	46.0	69.0#
63	0.0	23.4	35.0#

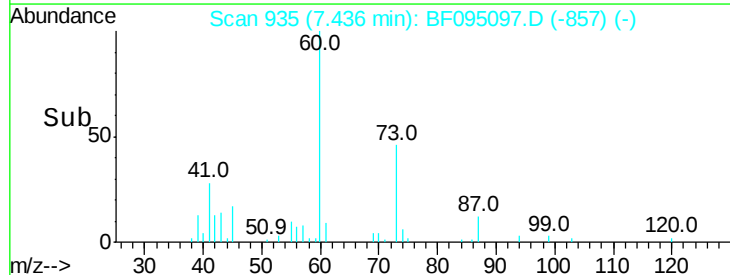
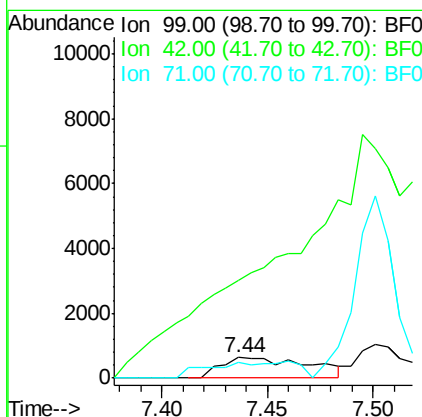
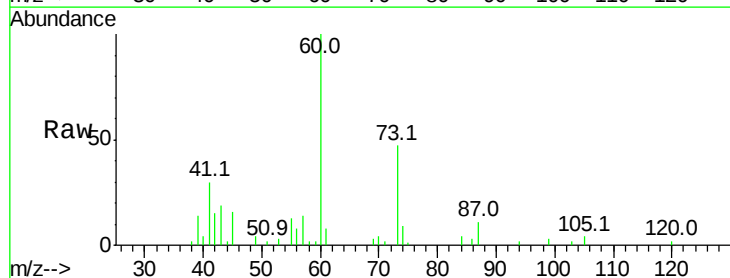
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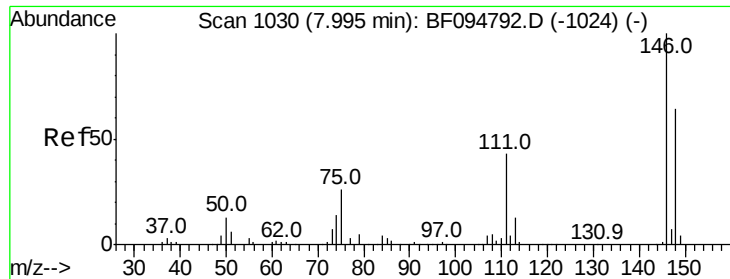
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#7
 Phenol-d6
 Concen: 0.30 ng
 RT: 7.44 min Scan# 935
 Delta R.T. 0.16 min
 Lab File: BF095097.D
 Acq: 12 May 2017 00:25

Tgt Ion:	99	Resp:	1851
Ion Ratio	Lower	Upper	
99	100		
42	470.2	13.5	20.3#
71	77.6	24.5	36.7#





#14

1,2-Dichlorobenzene

Concen: 4.98 ng

RT: 7.97 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF095097.D

Acq: 12 May 2017 00:25

Instrument :

BNA_F

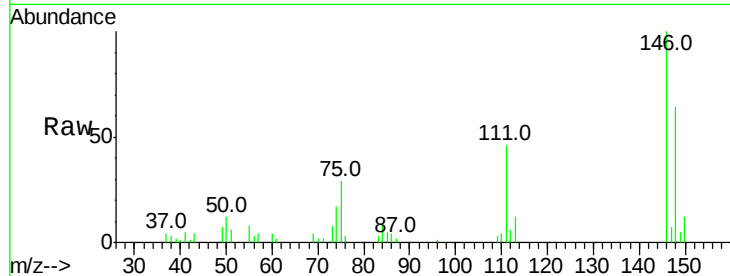
ClientSampleId :

KY032MW006-170508

Tot Ion:	146	Resp:	31347
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.4	75.6
111	45.8	38.2	57.4

Manual Integrations
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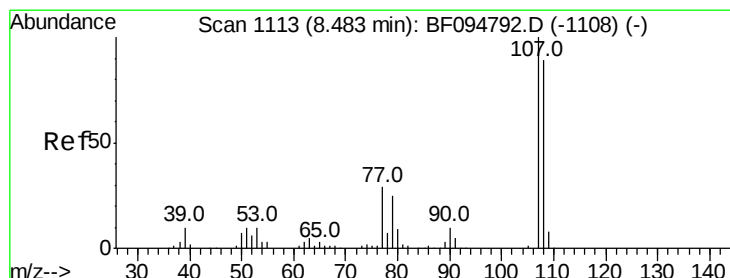
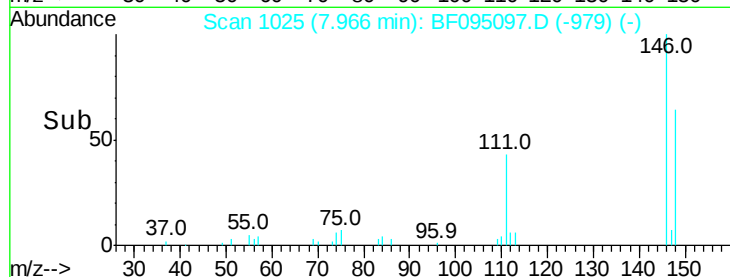
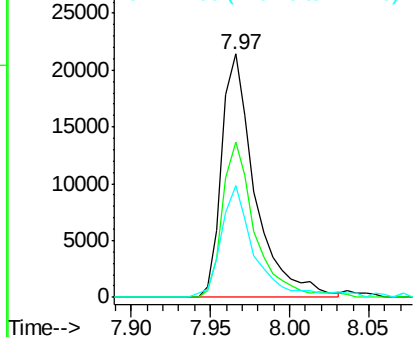


Abundance

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: 5.64 ng m

RT: 8.50 min Scan# 1116

Delta R.T. 0.02 min

Lab File: BF095097.D

Acq: 12 May 2017 00:25

Tgt Ion:	107	Resp:	36801
Ion Ratio	Lower	Upper	
107	100		
108	80.8	71.0	111.0
77	30.2	90.5	130.5#
79	20.9	8.4	48.4

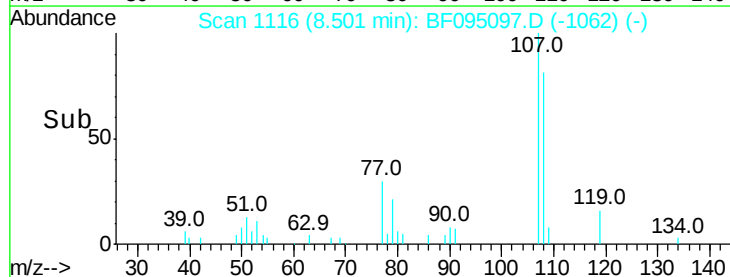
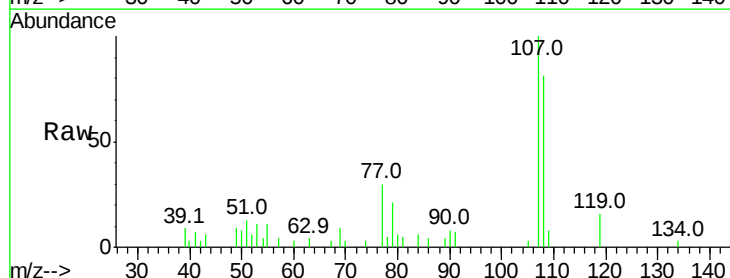
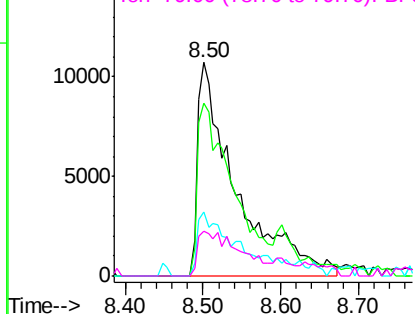
Abundance

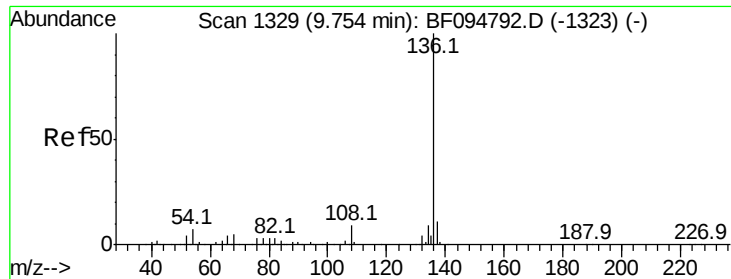
Ion 107.00 (106.70 to 107.70): E

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





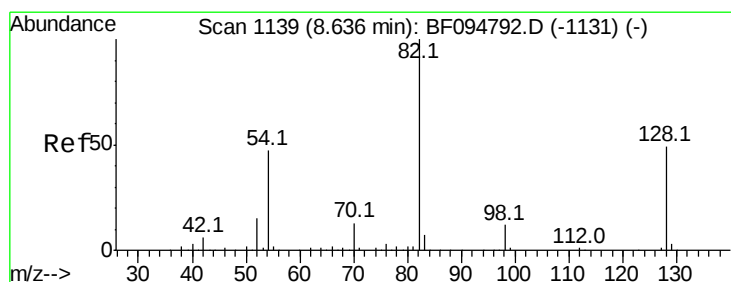
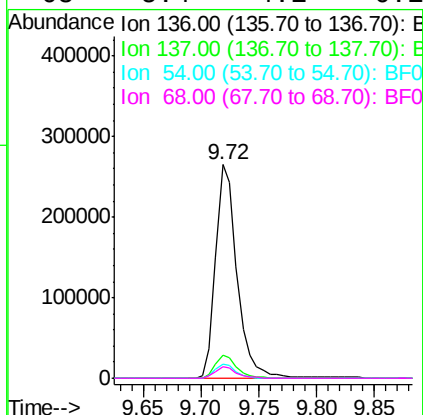
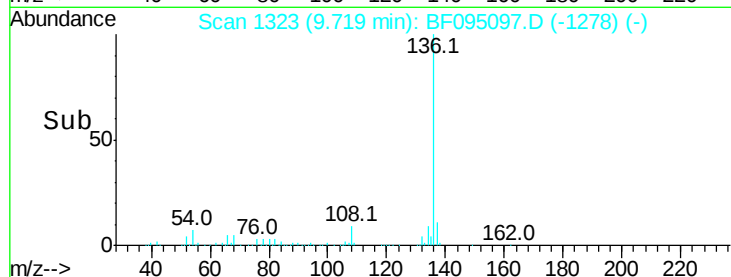
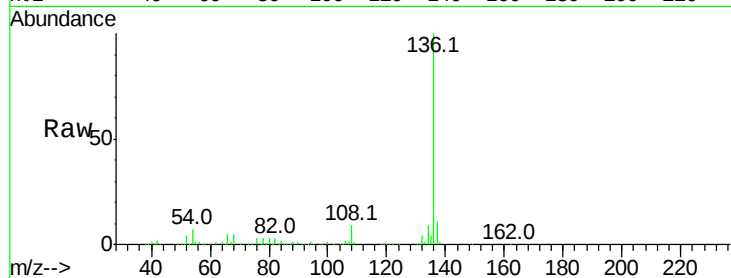
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BF095097.D
Acq: 12 May 2017 00:25

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	6.6	4.9	7.3	
68	5.4	4.1	6.1	

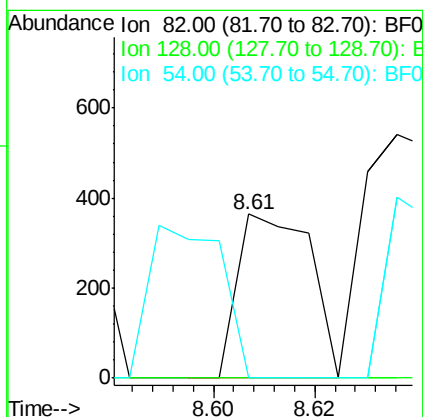
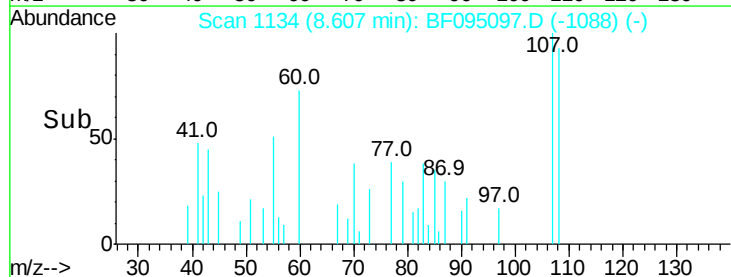
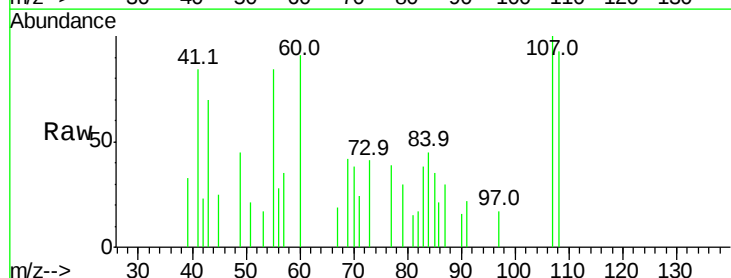
Manual Integrations
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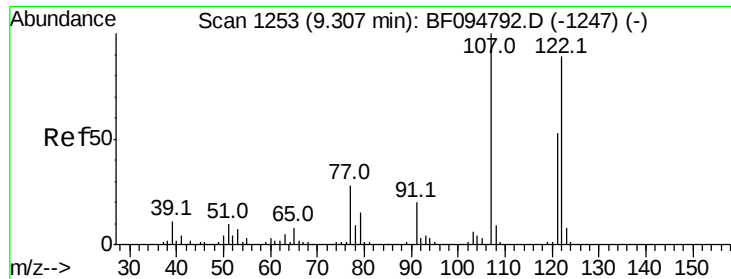
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#23
Nitrobenzene-d5
Concen: 0.07 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF095097.D
Acq: 12 May 2017 00:25

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





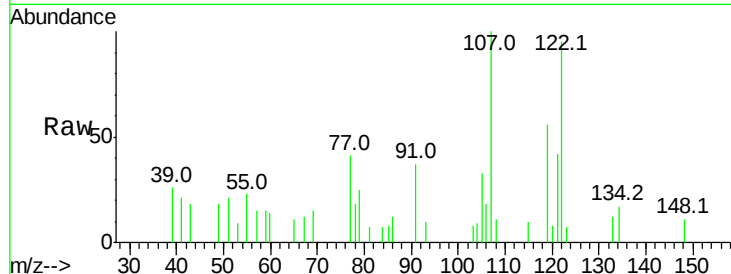
#27
2,4-Dimethylphenol
Concen: 2.49 ng
RT: 9.35 min Scan# 1260
Delta R.T. 0.04 min
Lab File: BF095097.D
Acq: 12 May 2017 00:25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

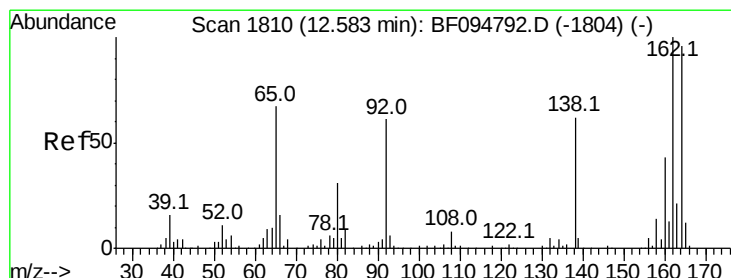
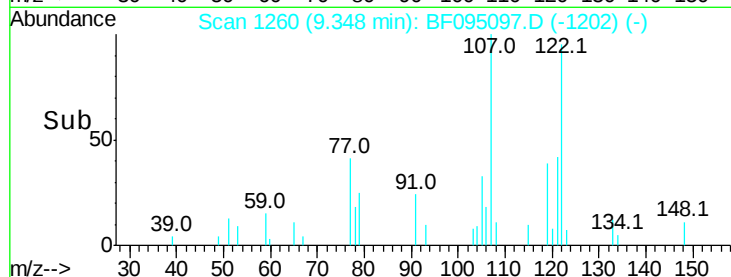
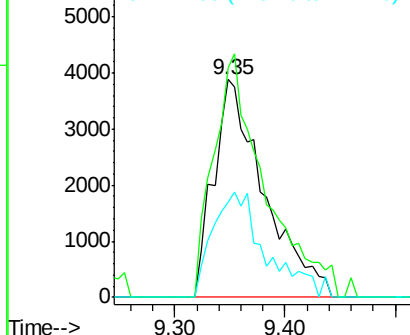
Tot Ion	Ratio	Lower	Upper
122	100		
107	105.5	89.2	133.8
121	43.9	45.2	67.8

Manual Integrations
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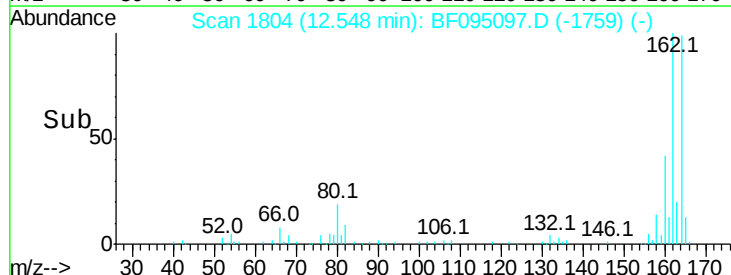
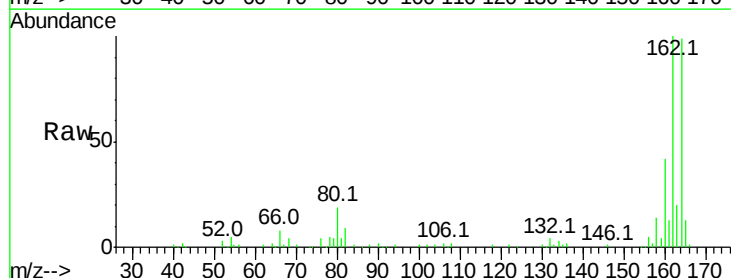
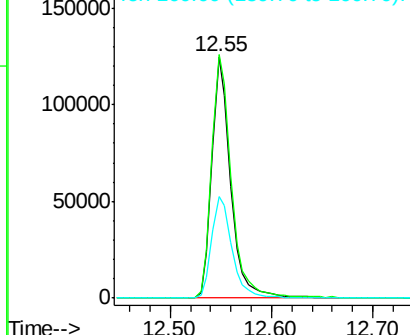
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

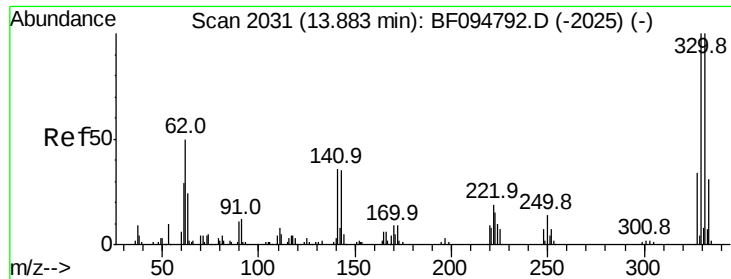


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.04 min
Lab File: BF095097.D
Acq: 12 May 2017 00:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	42.0	36.2	54.2

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





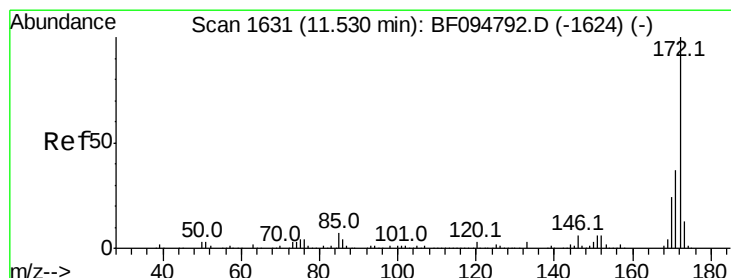
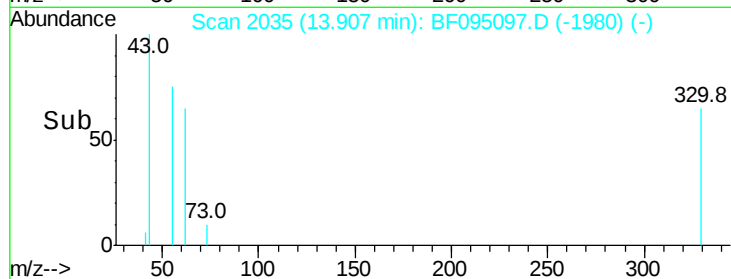
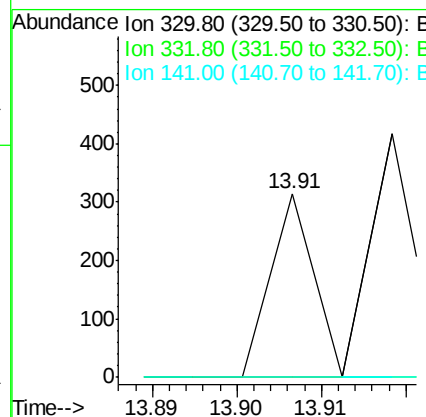
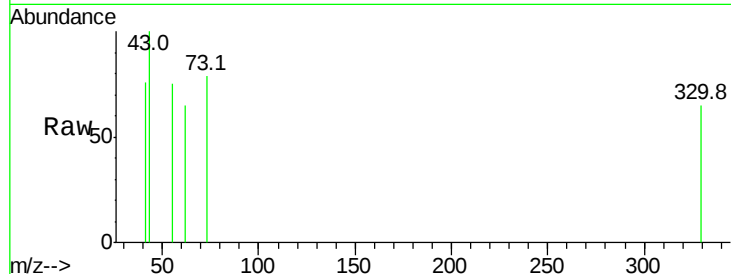
#41
 2,4,6-Tribromophenol
 Concen: 0.08 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. 0.02 min
 Lab File: BF095097.D
 Acq: 12 May 2017 00:25

Instrument :
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 KY032MW006-170508

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.6	115.0#
141	0.0	31.4	47.2#

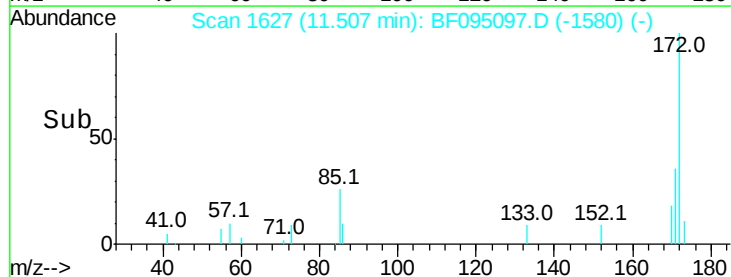
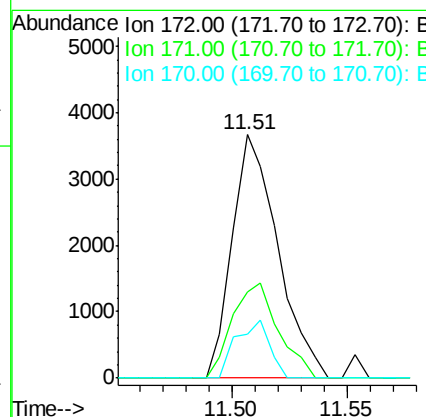
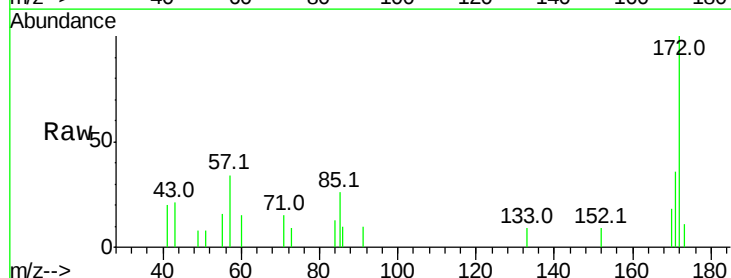
Manual Integrations
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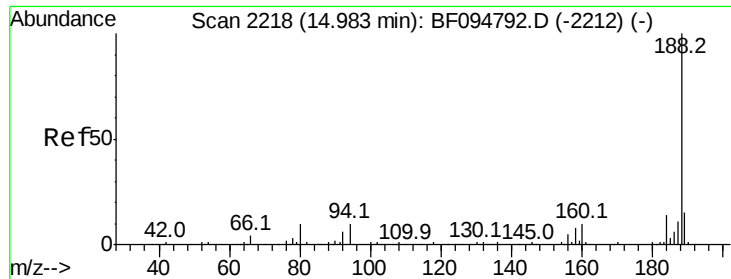
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#44
 2-Fluorobiphenyl
 Concen: 0.45 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095097.D
 Acq: 12 May 2017 00:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	18.3	19.8	29.8#





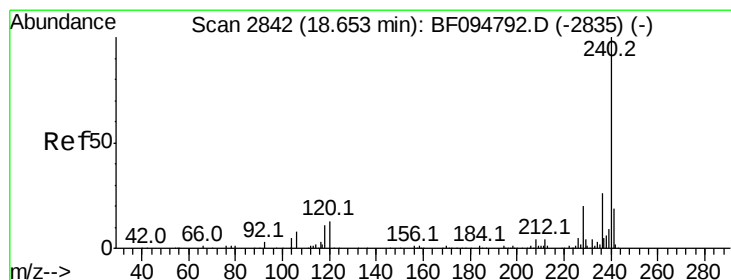
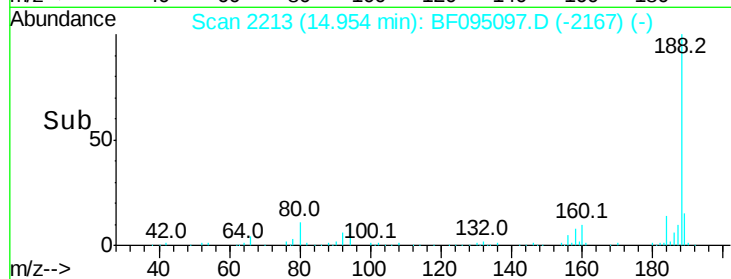
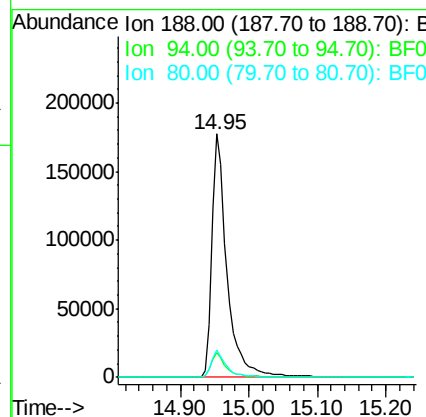
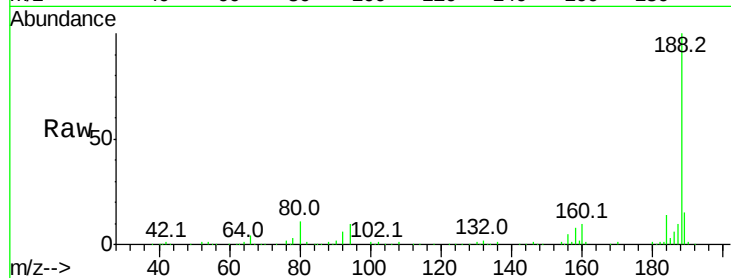
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF095097.D
Acq: 12 May 2017 00:25

Instrument :
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KY032MW006-170508

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.0	10.2	15.2

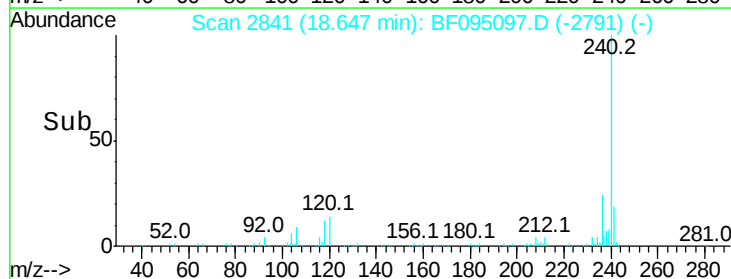
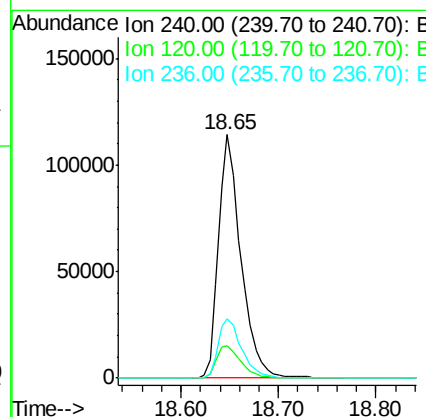
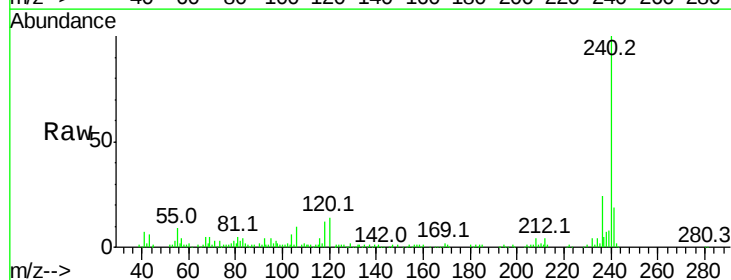
Manual Integrations
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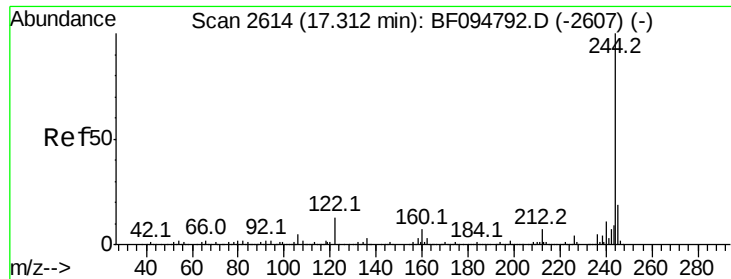
mohammad
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BF095097.D
Acq: 12 May 2017 00:25

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	24.3	20.5	30.7





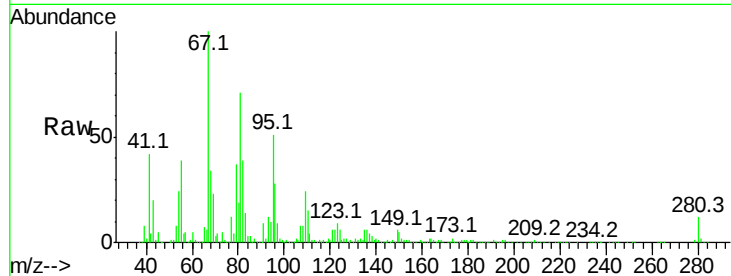
#78
 Terphenyl-d14
 Concen: 0.34 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF095097.D
 Acq: 12 May 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-170508

Tot Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.0	9.0#
122	1539.2	10.3	15.5

Manual Integrations
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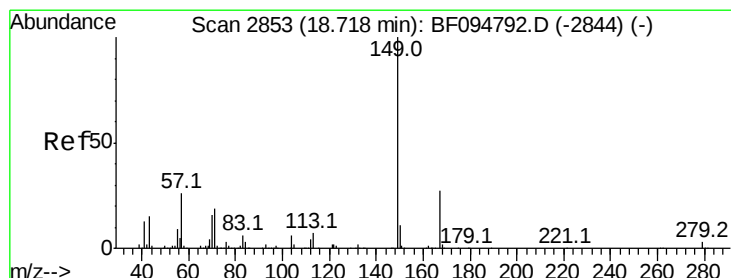
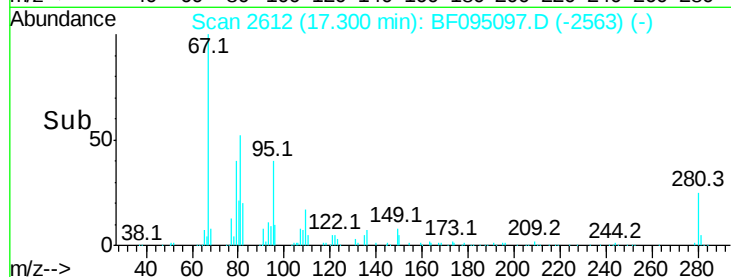
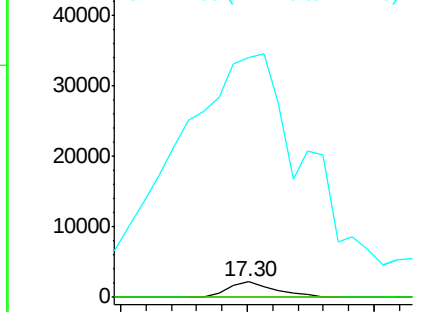


Abundance

Ion 244.00 (243.70 to 244.70): E

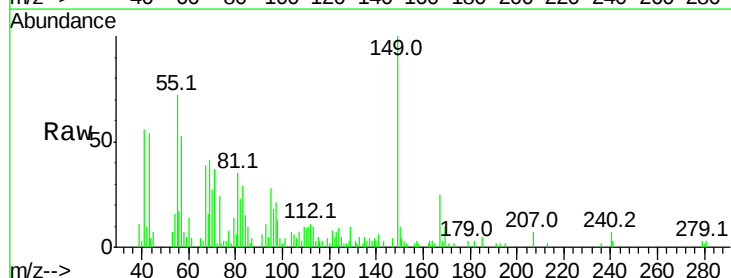
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.04 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF095097.D
 Acq: 12 May 2017 00:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.0	31.4
279	3.5	1.9	2.9#

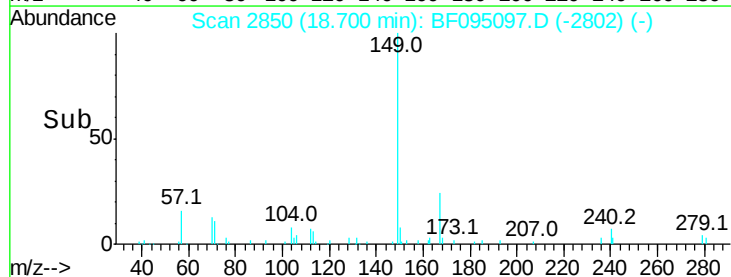
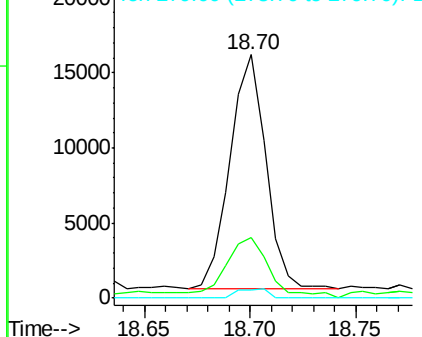


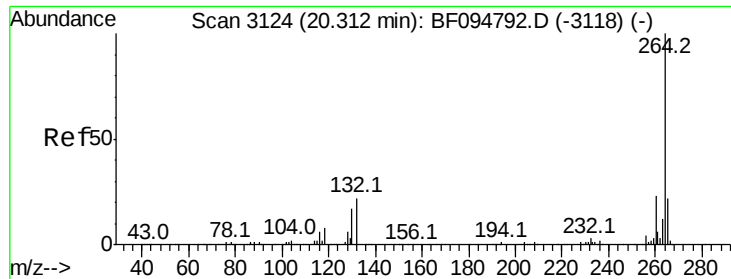
Abundance

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





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095097.D
Acq: 12 May 2017 00:25

Instrument :
BNA_F
ClientSampleId :
KY032MW006-170508

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.4	17.2	25.8

Manual Integrations
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