

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094849.D
 Acq On : 3 May 2017 23:13
 Operator : SJ/MA
 Sample : I2940-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMP

Manual Integrations
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mohammad
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Quant Time: May 04 07:51:43 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	7.72	152	101006	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	412507	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	182255	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	319850	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	222524	20.00	ng	-0.02
86) Perylene-d12	20.30	264	198402	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	878299	144.97	ng	0.00
7) Phenol-d6	7.27	99	1162884	159.98	ng	0.00
23) Nitrobenzene-d5	8.62	82	683373	104.46	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	238744	159.95	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1275616	100.74	ng	-0.01
78) Terphenyl-d14	17.30	244	866028	85.72	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	9.51	122	16806m	8.91	ng	
49) Dimethylphthalate	12.21	163	98133	6.56	ng	99
74) Fluoranthene	16.75	202	59011	3.13	ng	98
77) Pyrene	17.05	202	49939	3.00	ng	97
82) Chrysene	18.67	228	28315	2.26	ng	96
87) Benzo(b)fluoranthene	19.90	252	35164	2.87	ng	# 96

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

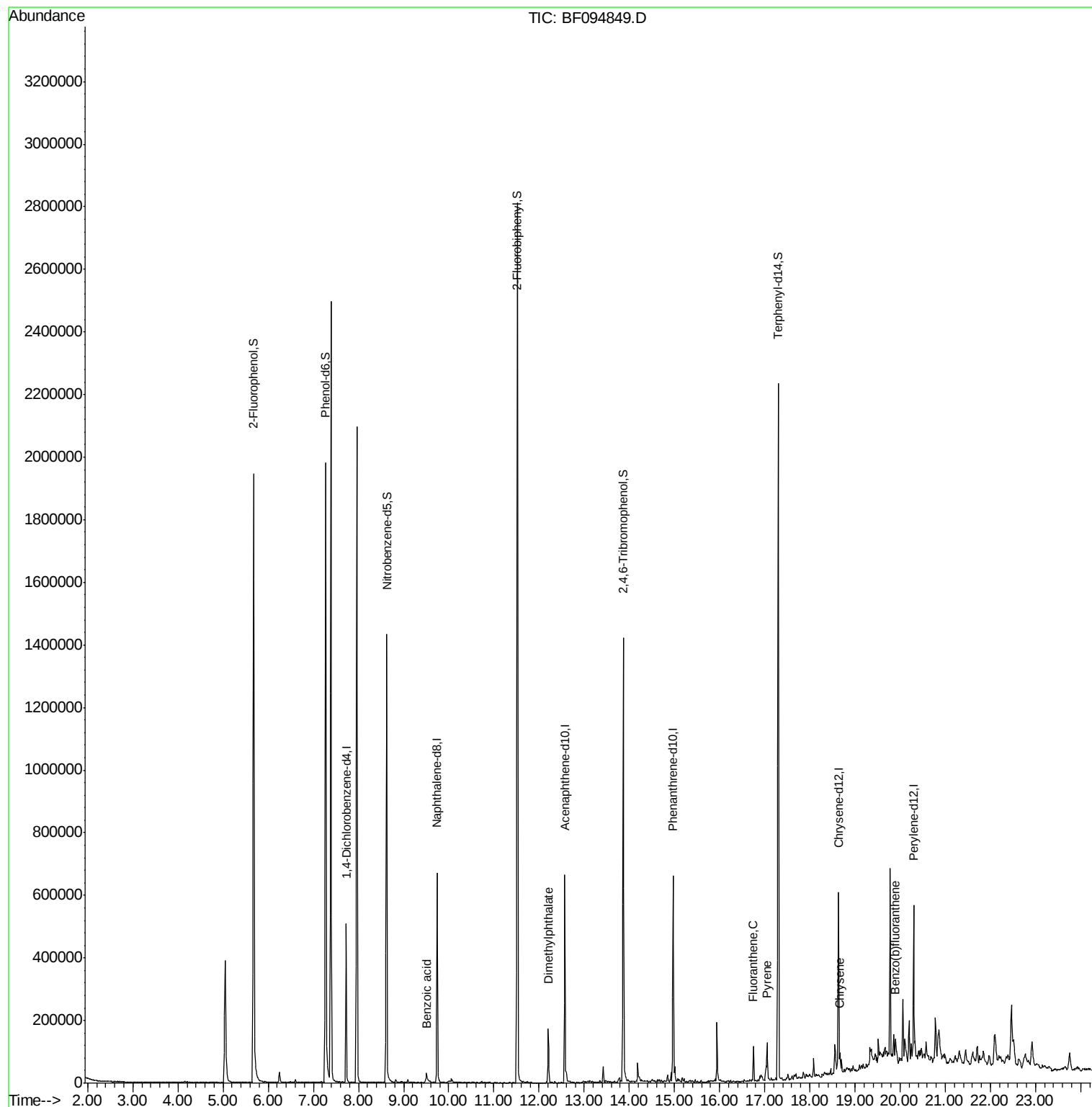
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094849.D
Acq On : 3 May 2017 23:13
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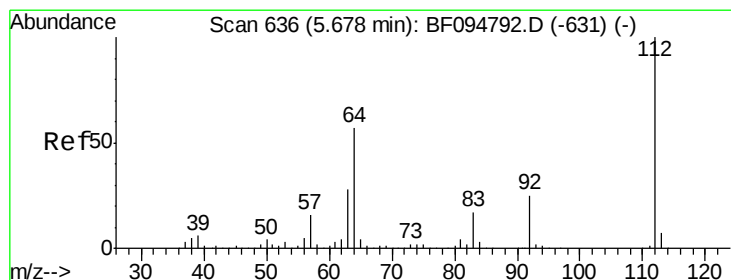
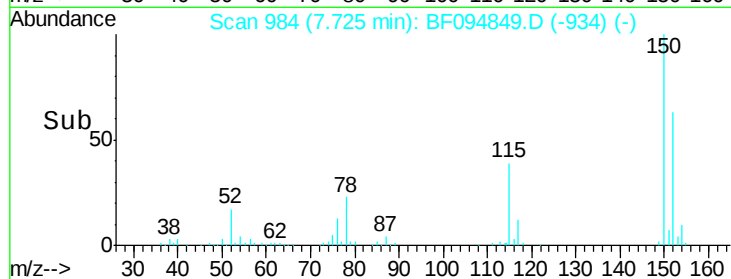
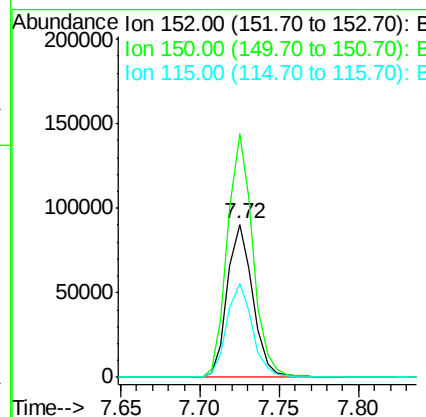
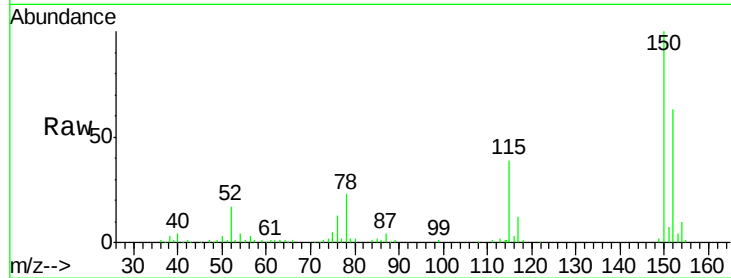
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094849.D
 Acq: 3 May 2017 23:13

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	101006		
150	159.0	126.2	189.2	
115	61.4	52.2	78.2	

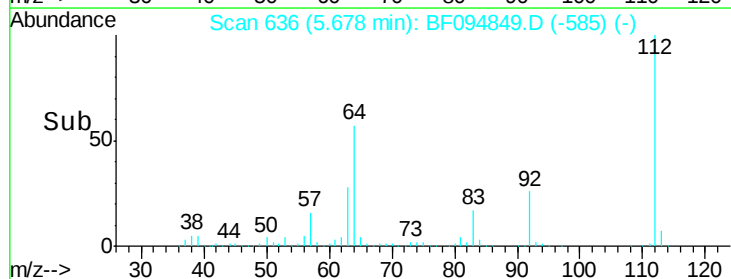
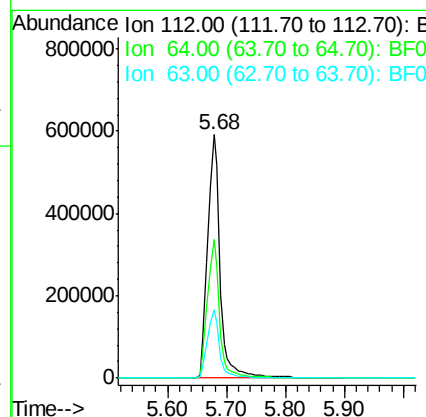
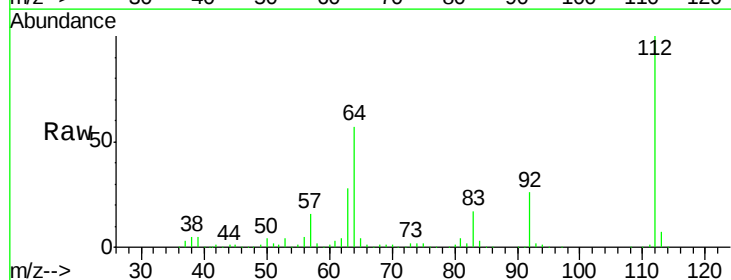
Manual Integrations
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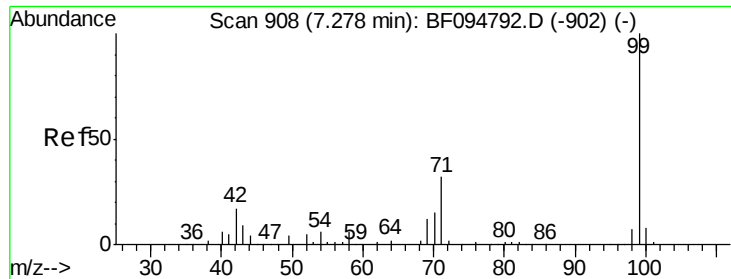
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#5
 2-Fluorophenol
 Concen: 144.97 ng
 RT: 5.68 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF094849.D
 Acq: 3 May 2017 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	878299		
64	56.7	46.0	69.0	
63	27.8	23.4	35.0	





#7

Phenol-d6

Concen: 159.98 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094849.D

Acq: 3 May 2017 23:13

Instrument :

BNA_F

ClientSampleId :

5040-COMP

Tgt Ion: 99 Resp: 1162884

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

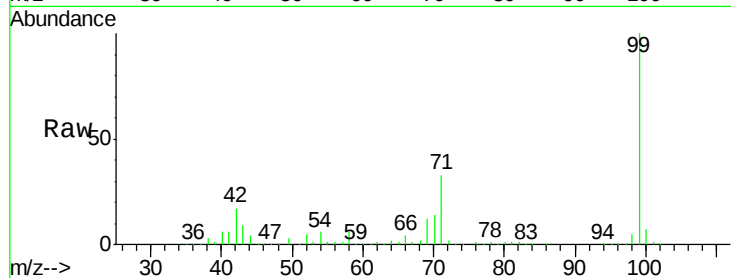
71 32.8 24.5 36.7

Manual Integrations

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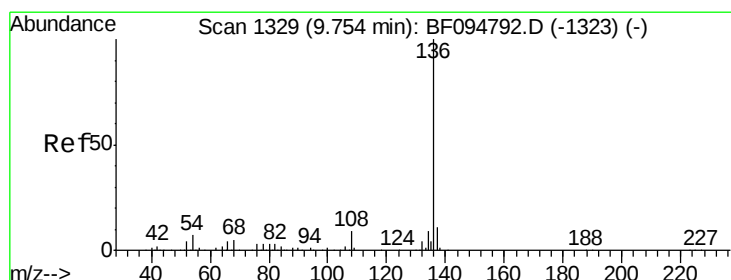
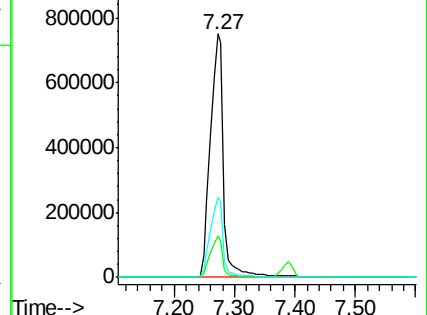
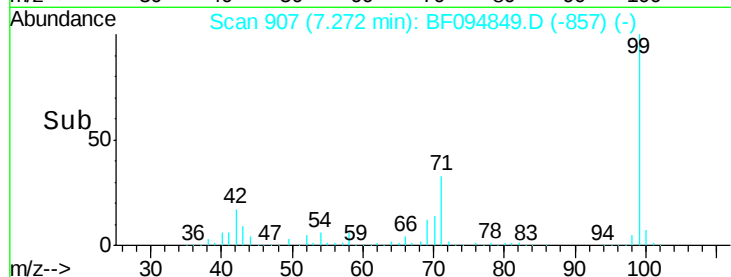
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094849.D

Acq: 3 May 2017 23:13

Tgt Ion: 136 Resp: 412507

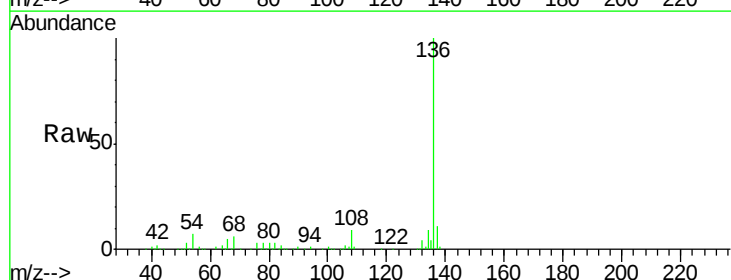
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.0 4.9 7.3

68 5.9 4.1 6.1

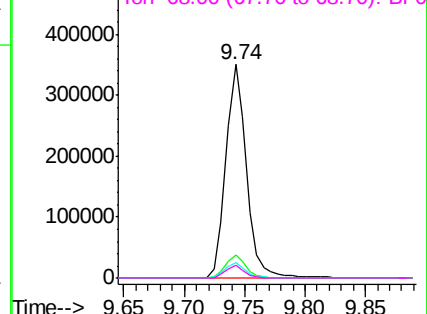
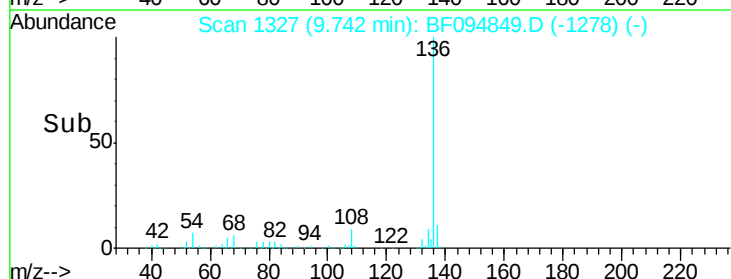


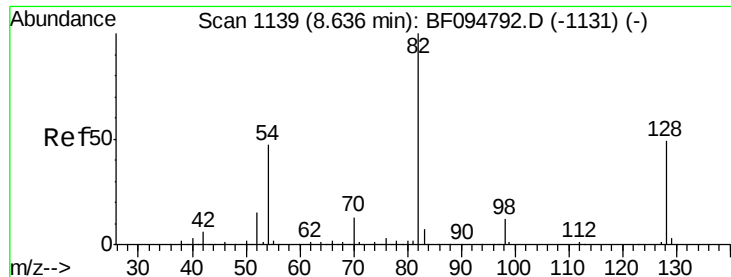
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





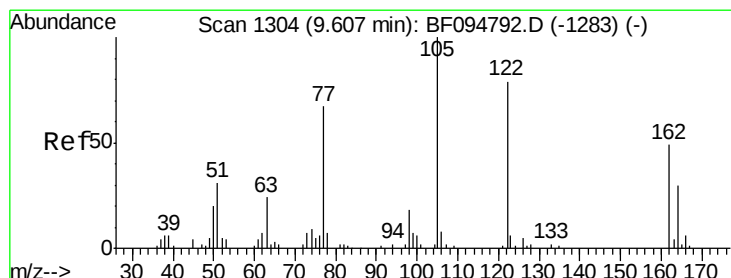
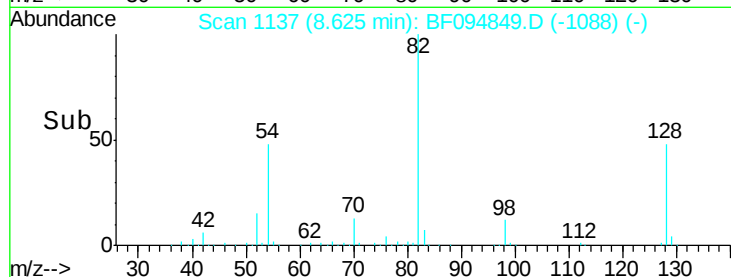
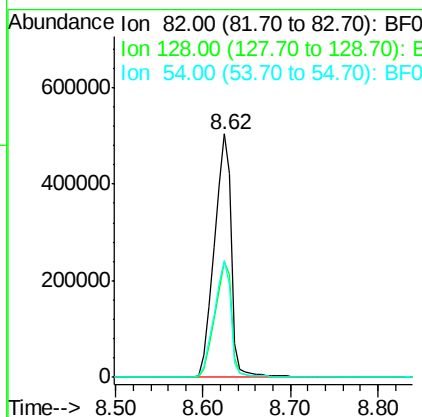
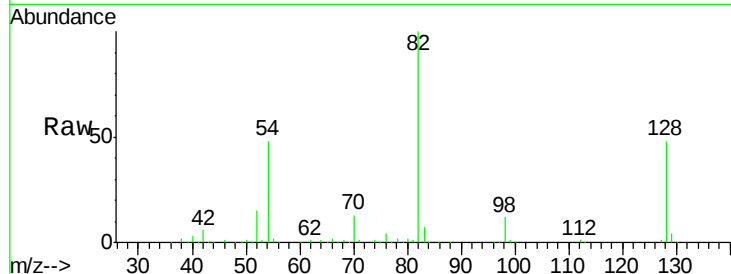
#23
 Nitrobenzene-d5
 Concen: 104.46 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094849.D
 Acq: 3 May 2017 23:13

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	683373		
128	47.7		34.0	51.0
54	47.9		42.2	63.2

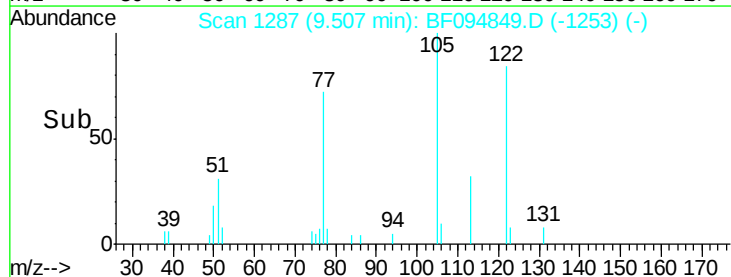
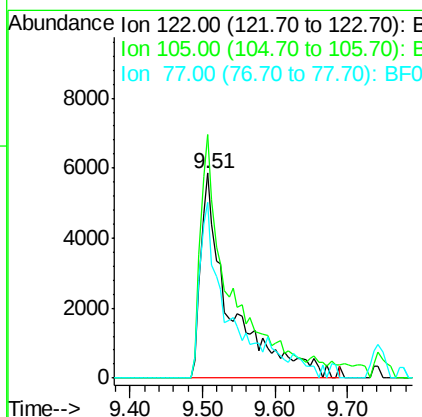
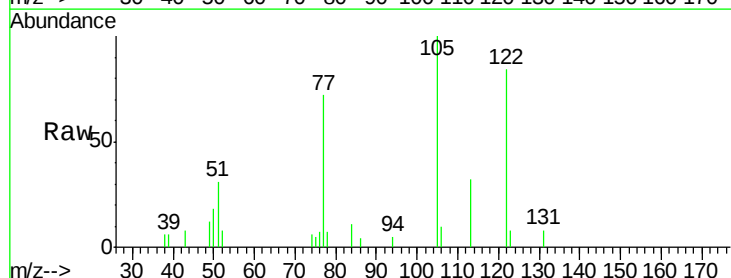
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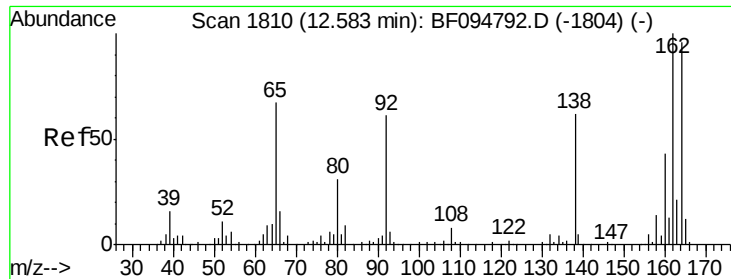
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#32
 Benzoic acid
 Concen: 8.91 ng m
 RT: 9.51 min Scan# 1287
 Delta R.T. -0.10 min
 Lab File: BF094849.D
 Acq: 3 May 2017 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	16806		
105	118.8		103.3	143.3
77	85.9		73.7	113.7





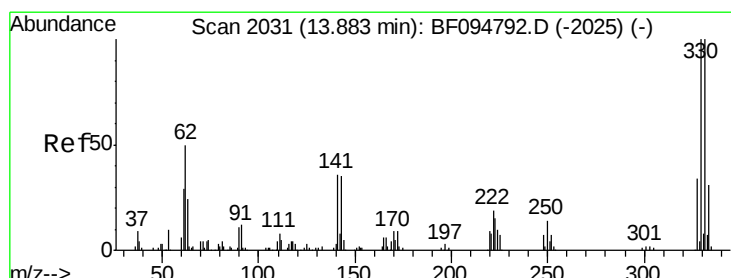
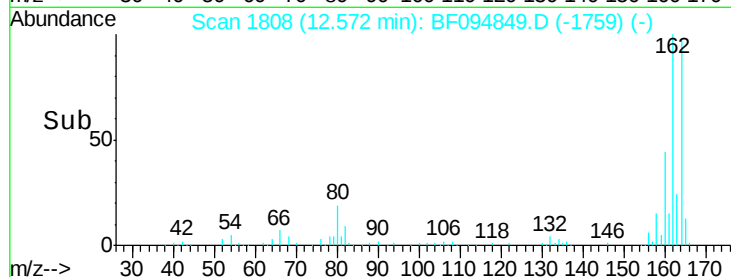
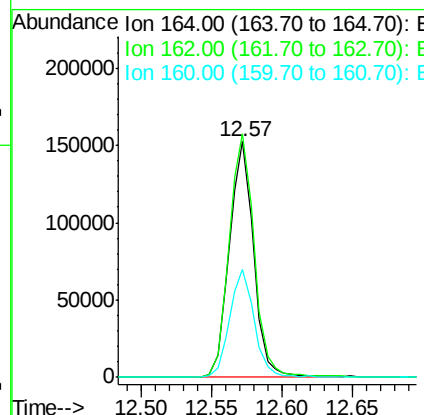
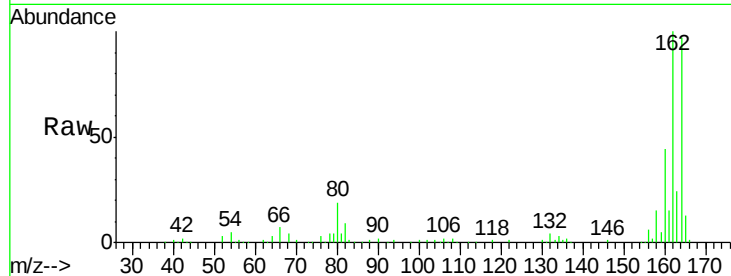
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094849.D
Acq: 3 May 2017 23:13

Instrument :
BNA_F
ClientSampleId :
5040-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	182255		
162	103.3	82.6	123.8	
160	45.6	36.2	54.2	

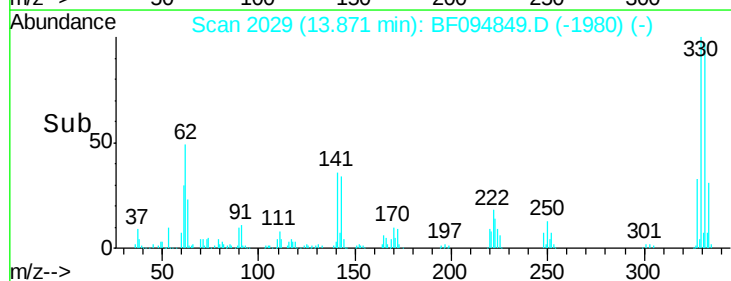
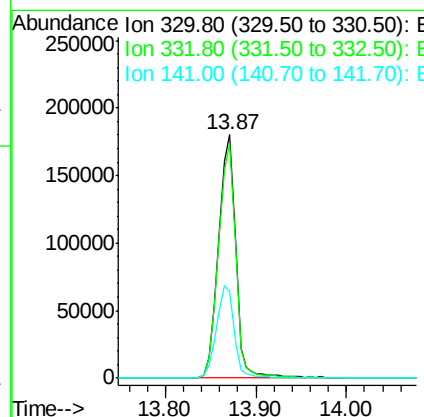
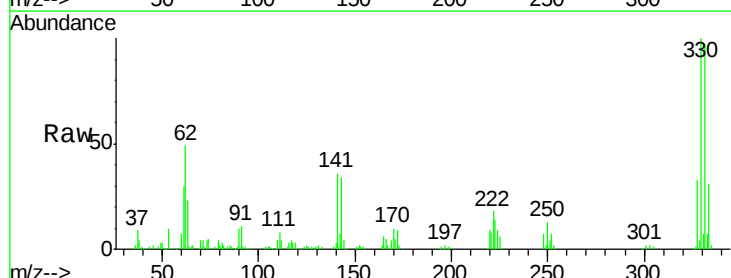
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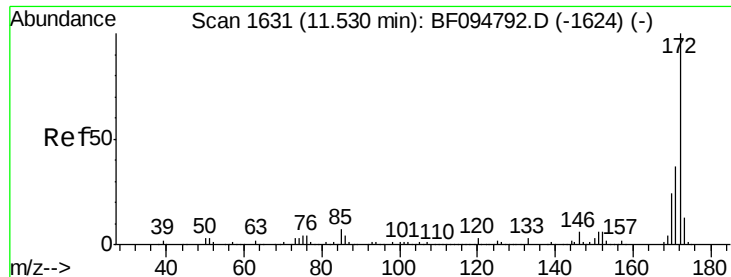
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#41
2,4,6-Tribromophenol
Concen: 159.95 ng
RT: 13.87 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF094849.D
Acq: 3 May 2017 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	238744		
332	96.4	76.6	115.0	
141	39.3	31.4	47.2	





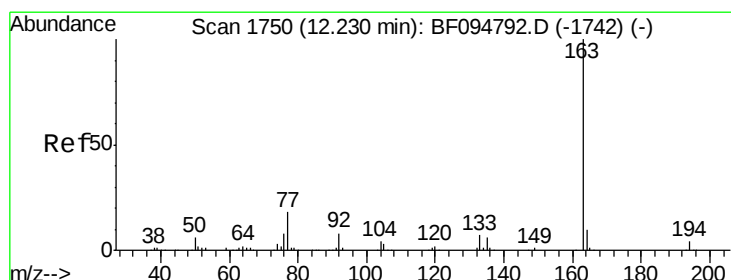
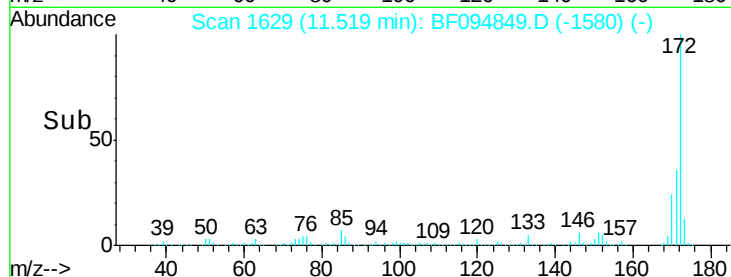
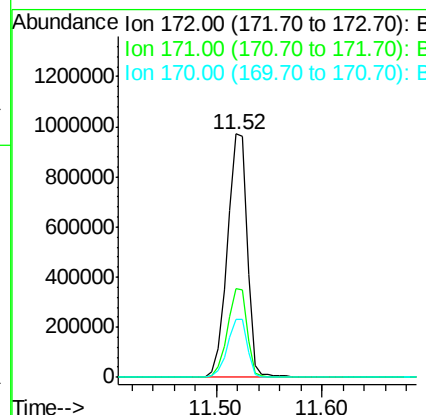
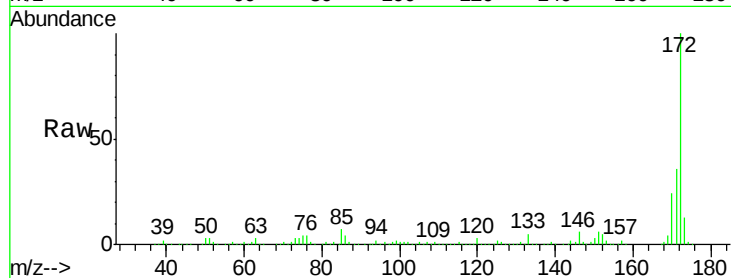
#44
2-Fluorobiphenyl
Concen: 100.74 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094849.D
Acq: 3 May 2017 23:13

Instrument :
BNA_F
ClientSampleId :
5040-COMP

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.6	19.8	29.8

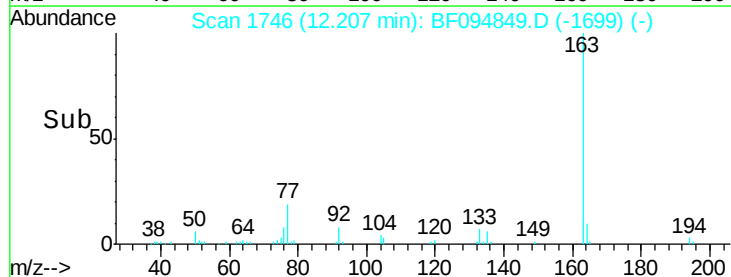
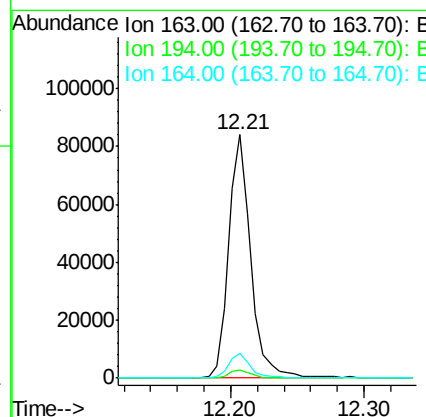
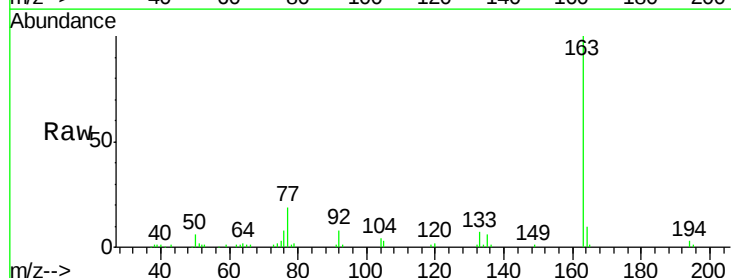
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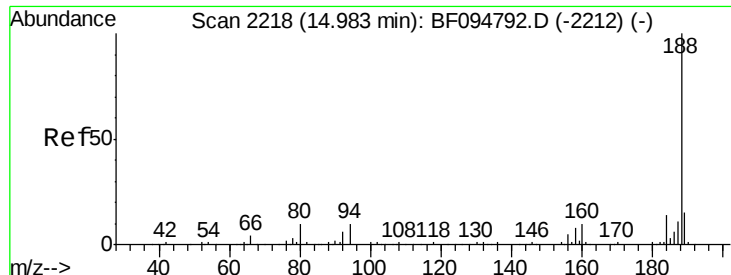
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#49
Dimethylphthalate
Concen: 6.56 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094849.D
Acq: 3 May 2017 23:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.4	12.6





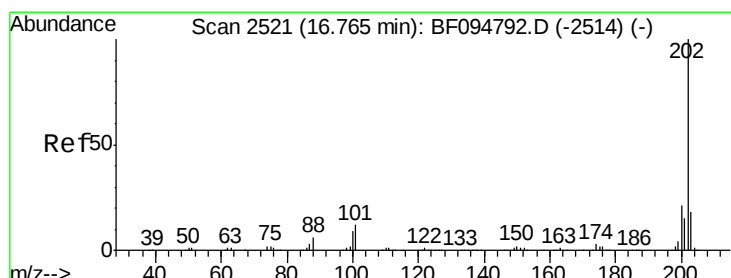
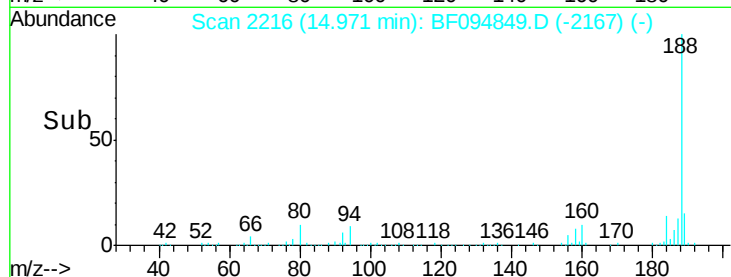
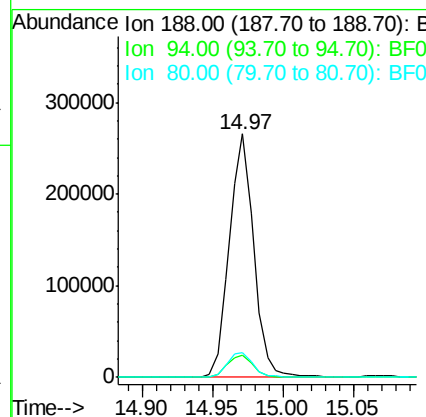
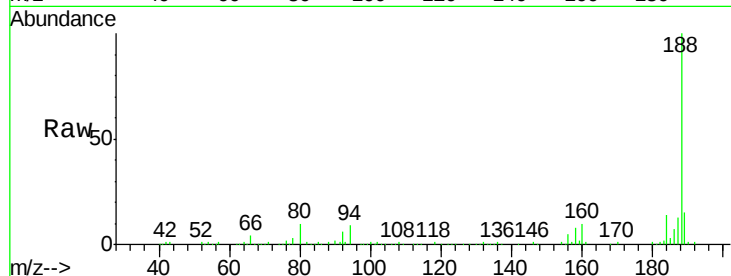
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Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094849.D
Acq: 3 May 2017 23:13

Instrument :
BNA_F
ClientSampleId :
5040-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	319850		
94	9.2	9.4	14.2	#
80	10.3	10.2	15.2	

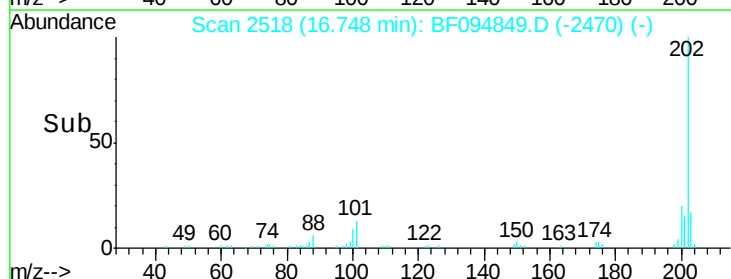
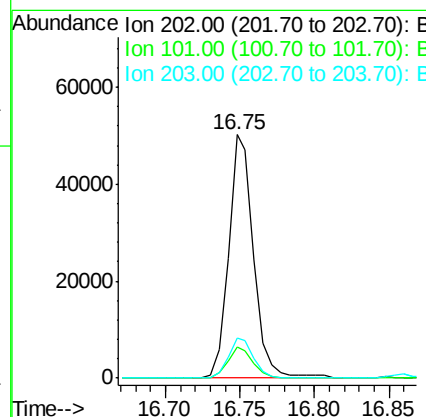
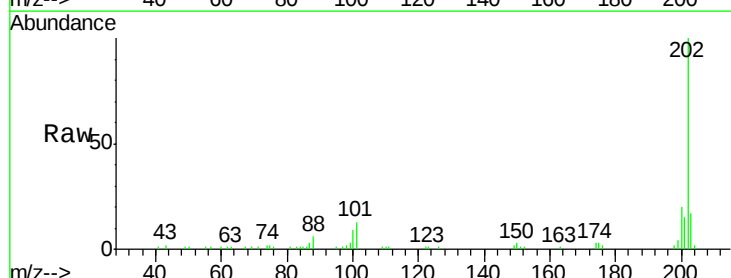
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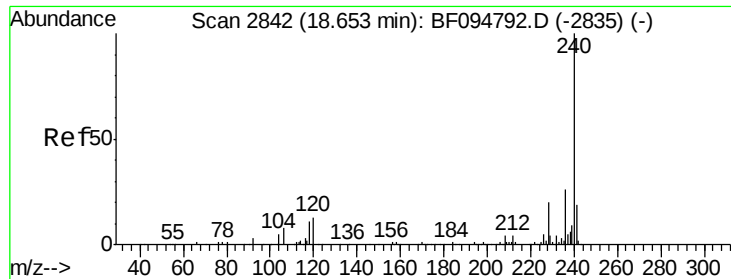
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#74
Fluoranthene
Concen: 3.13 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF094849.D
Acq: 3 May 2017 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	59011		
101	12.6	0.0	33.2	
203	16.7	0.0	38.1	





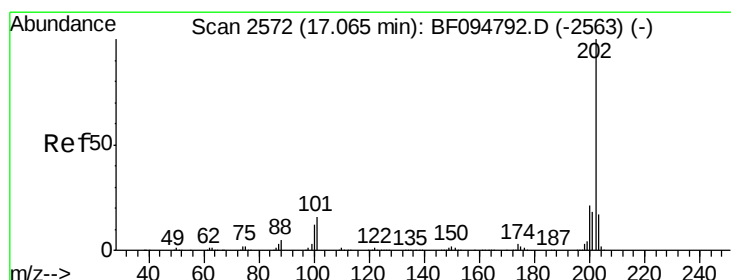
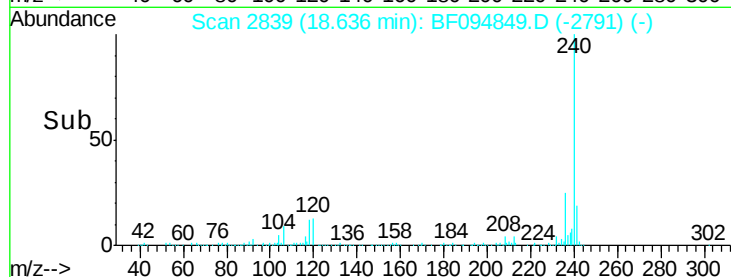
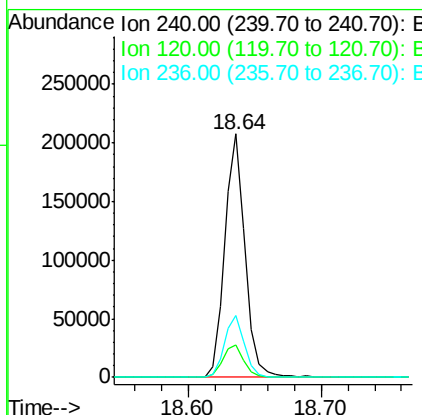
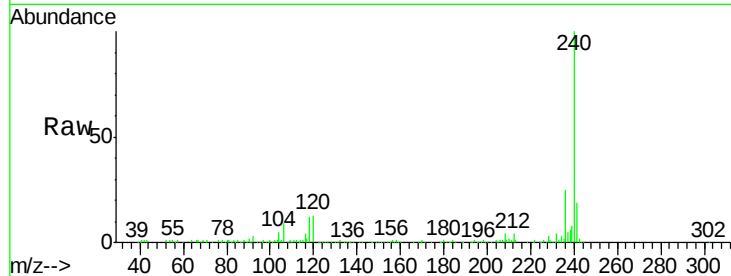
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094849.D
Acq: 3 May 2017 23:13

Instrument :
BNA_F
ClientSampleId :
5040-COMP

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.2	20.5	30.7

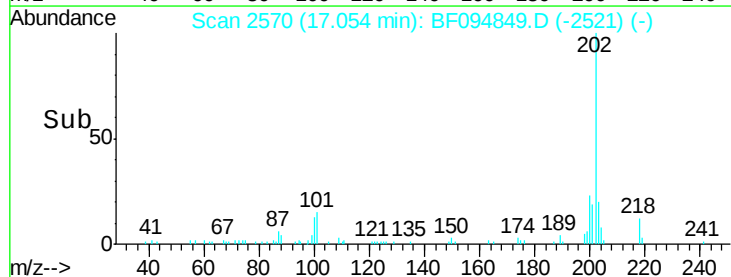
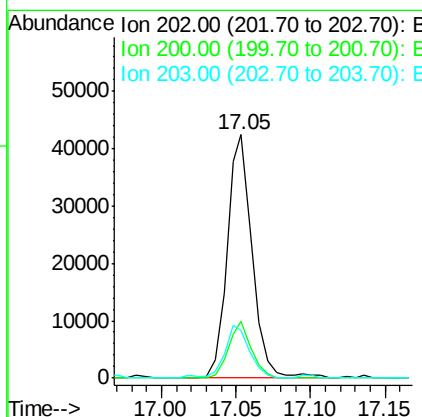
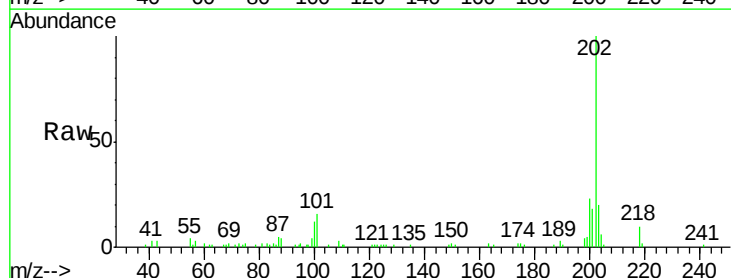
Manual Integrations
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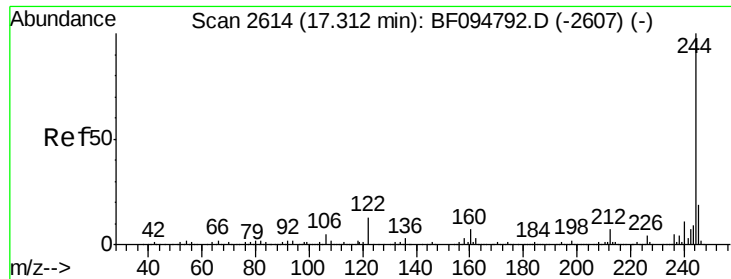
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#77
Pyrene
Concen: 3.00 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094849.D
Acq: 3 May 2017 23:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.6	26.4
203	19.8	14.4	21.6





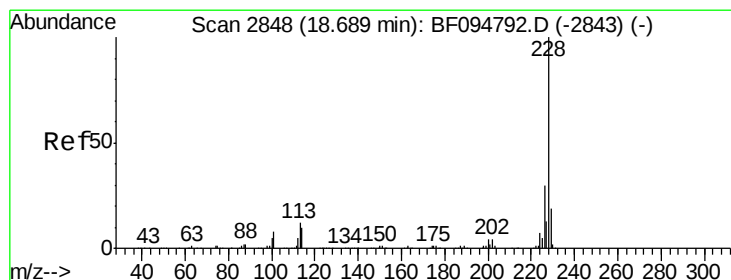
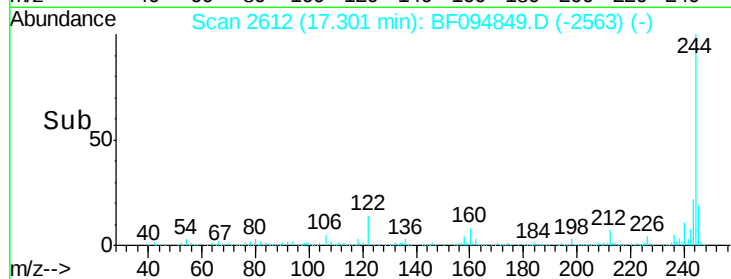
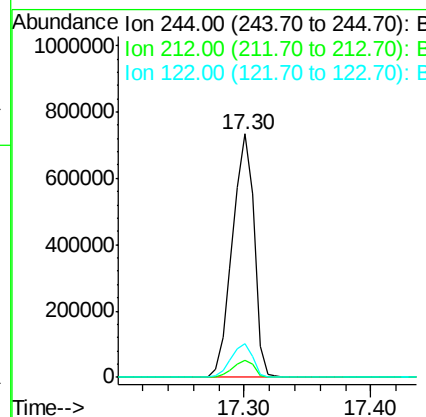
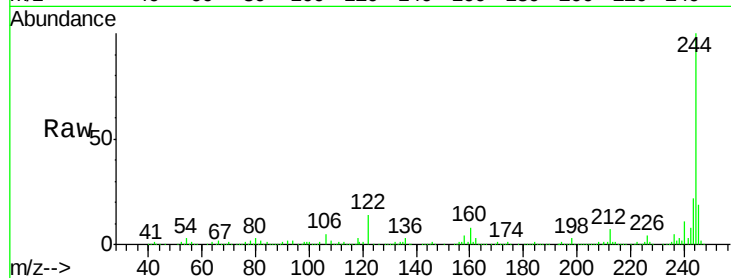
#78
 Terphenyl-d14
 Concen: 85.72 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094849.D
 Acq: 3 May 2017 23:13

Instrument :
 BNA_F
 ClientSampleId :
 5040-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	6.0	9.0
122	13.9	10.3	15.5

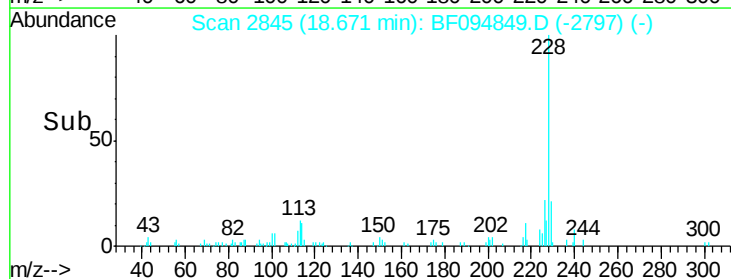
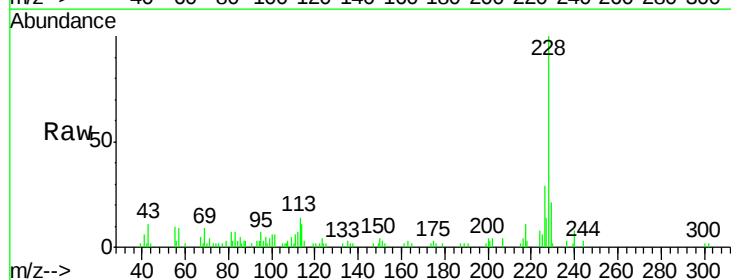
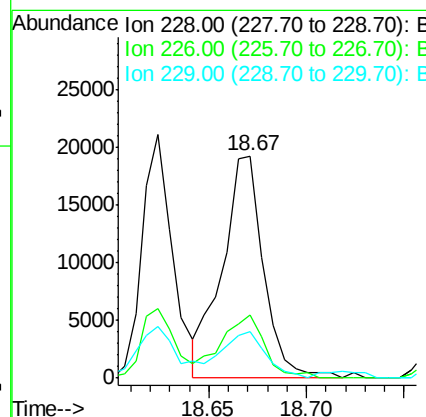
Manual Integrations
 APPROVED

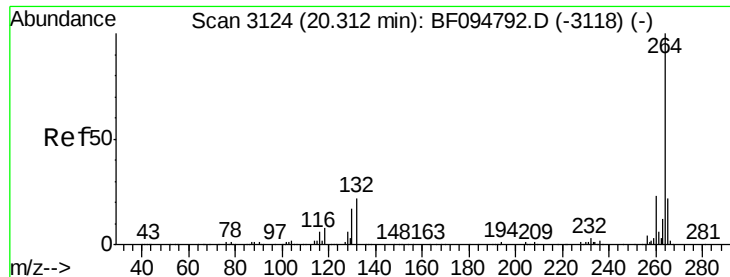
mohammad
 5/4/2017 3:34:55 PM



#82
 Chrysene
 Concen: 2.26 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094849.D
 Acq: 3 May 2017 23:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.5	24.9	37.3
229	20.9	15.8	23.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094849.D

Acq: 3 May 2017 23:13

Instrument :

BNA_F

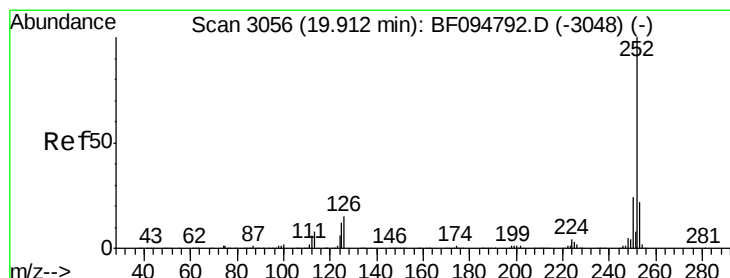
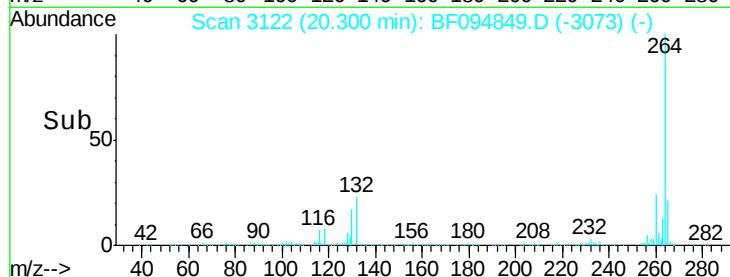
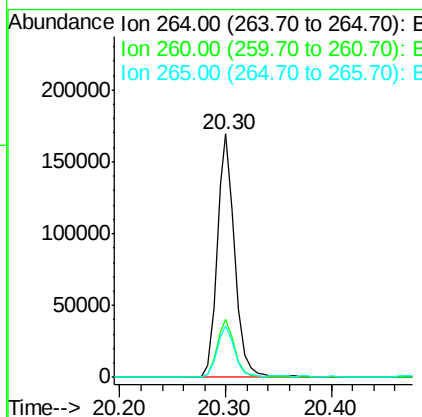
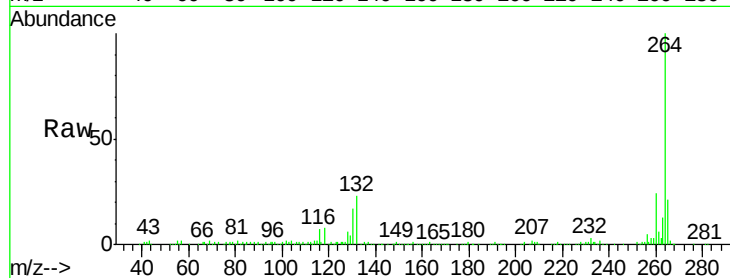
ClientSampleId :

5040-COMP

Tgt Ion:	264	Resp:	198402
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.1	17.2	25.8

Manual Integrations
APPROVED

mohammad
5/4/2017 3:34:55 PM



#87

Benzo(b)fluoranthene

Concen: 2.87 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BF094849.D

Acq: 3 May 2017 23:13

Tgt Ion:	252	Resp:	35164
Ion Ratio		Lower	Upper
252	100		
253	22.9	18.1	27.1
125	16.7	9.8	14.8#

