

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
 Data File : BF098268.D
 Acq On : 3 Sep 2017 1:40
 Operator : SJ/JU
 Sample : I5046-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-342

Manual Integrations
 APPROVED

mohammad
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Quant Time: Sep 04 08:46:02 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	115221	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	419044	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	165619	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	294214	20.00	ng	-0.04
75) Chrysene-d12	13.86	240	284302	20.00	ng	-0.04
86) Perylene-d12	15.28	264	207178	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	884226	116.73	ng	-0.02
7) Phenol-d6	6.36	99	1160654	112.77	ng	-0.02
23) Nitrobenzene-d5	7.28	82	688829	89.30	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	187133	130.22	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	905656	80.34	ng	-0.04
78) Terphenyl-d14	12.82	244	731105	53.63	ng	-0.04
Target Compounds						Qvalue
10) Phenol	6.37	94	24836	2.063	ng	95
49) Dimethylphthalate	9.46	163	140511	11.606	ng	100
70) Phenanthrene	11.25	178	80096	5.109	ng	99
74) Fluoranthene	12.44	202	202645	12.384	ng	98
77) Pyrene	12.67	202	183585	7.895	ng	97
79) Butylbenzylphthalate	13.29	149	41576	4.664	ng	# 72
80) Benzo(a)anthracene	13.85	228	97953	5.749	ng	98
82) Chrysene	13.89	228	103183	6.087	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	65264	6.606	ng	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	38762	3.109	ng	93
87) Benzo(b)fluoranthene	14.87	252	132643m	10.157	ng	
88) Benzo(k)fluoranthene	14.90	252	42113m	3.432	ng	
89) Benzo(a)pyrene	15.22	252	75958	6.570	ng	98
91) Benzo(g,h,i)perylene	17.05	276	37483	3.817	ng	95

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

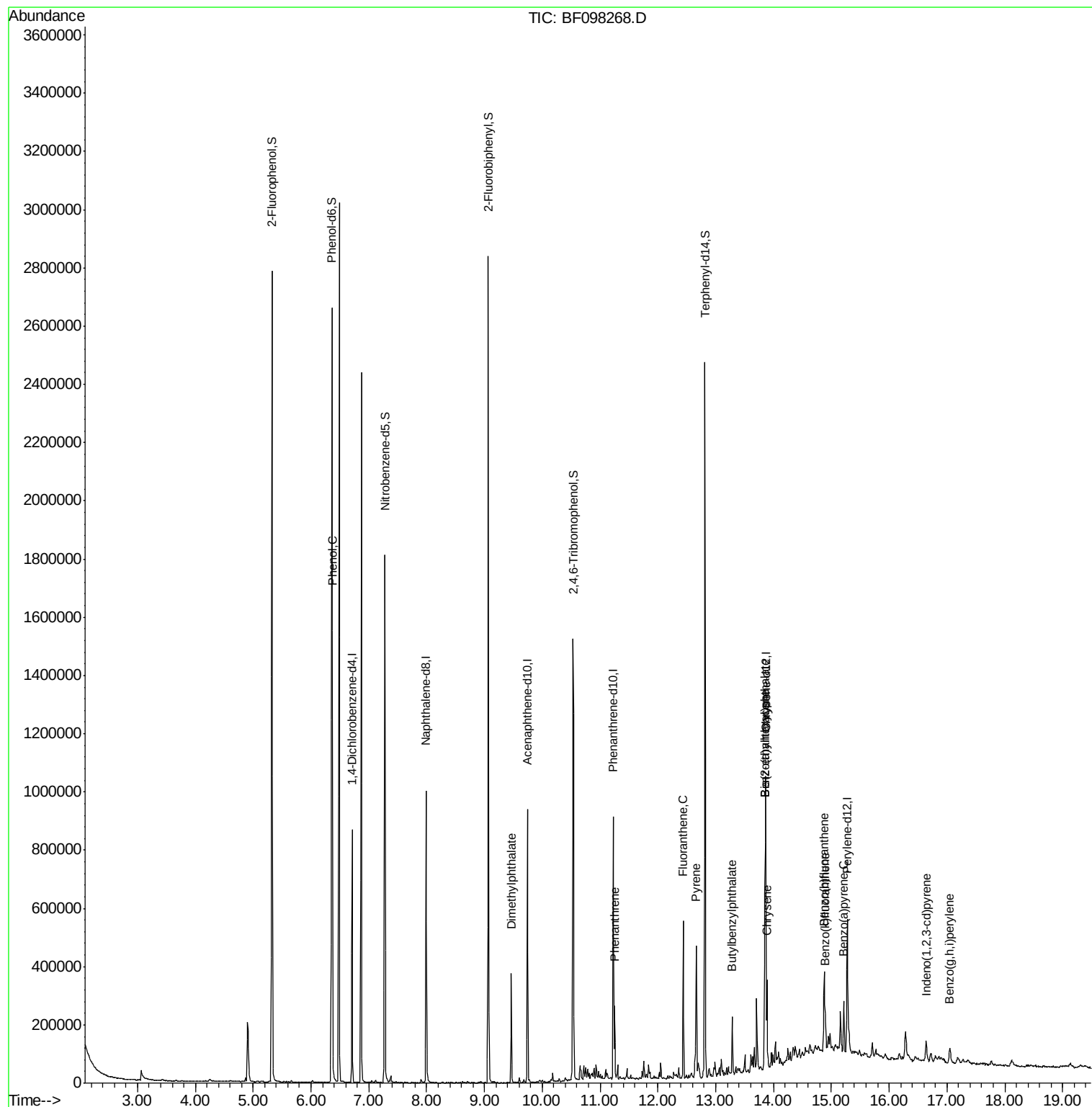
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
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Sample : I5046-02
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ALS Vial : 26 Sample Multiplier: 1

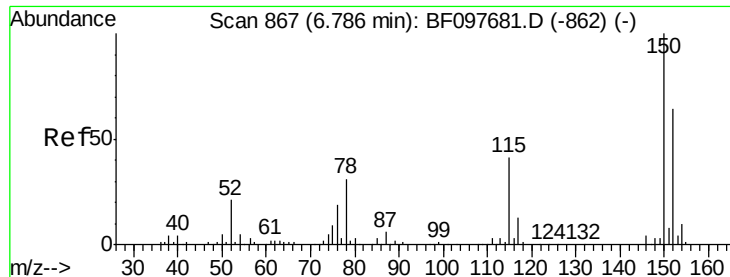
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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#1

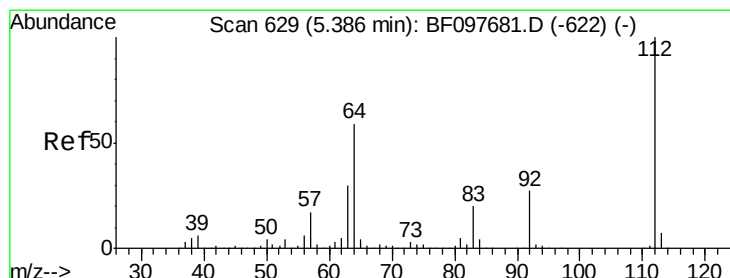
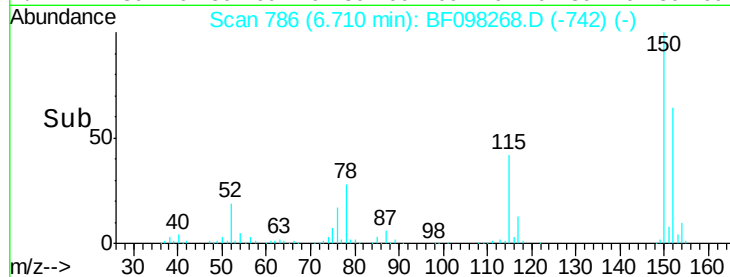
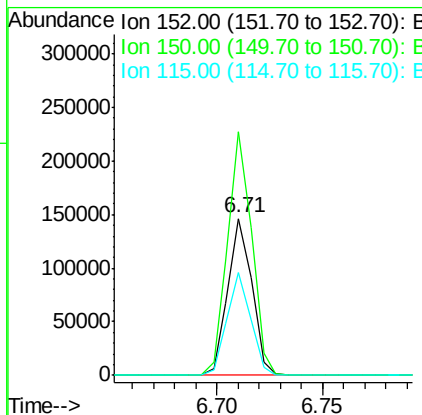
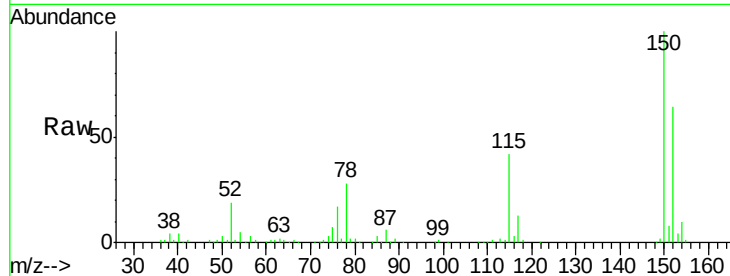
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-342

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	65.5	52.2	78.2

Manual Integrations
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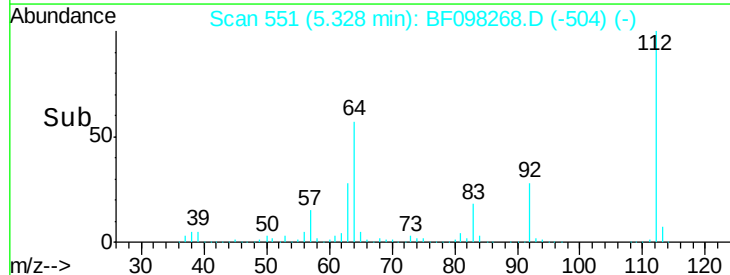
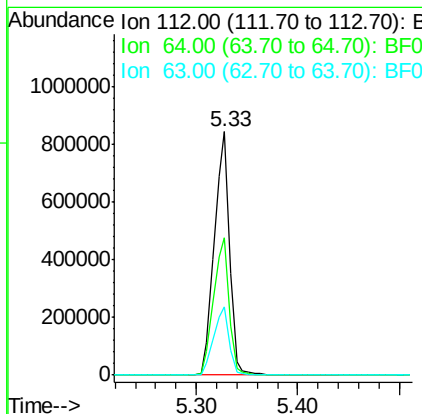
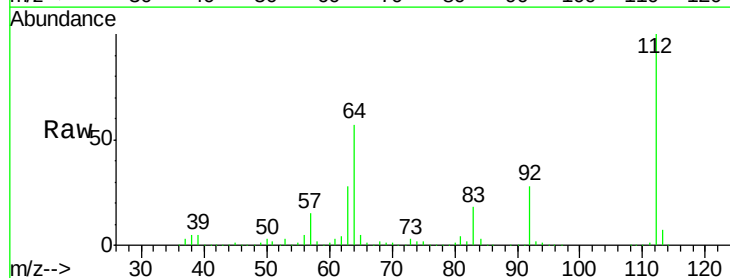
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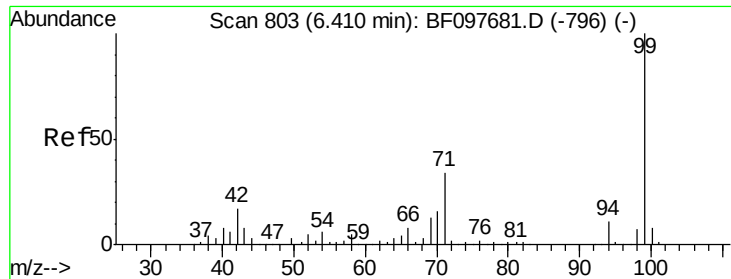


#5

2-Fluorophenol
Concen: 116.730 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

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





#7

Phenol-d6

Concen: 112.770 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098268.D

Acq: 3 Sep 2017 1:40

Instrument :

BNA_F

ClientSampled :

ROLLOFF-342

Tgt Ion: 99 Resp: 1160654

Ion Ratio Lower Upper

99 100

42 14.2 13.5 20.3

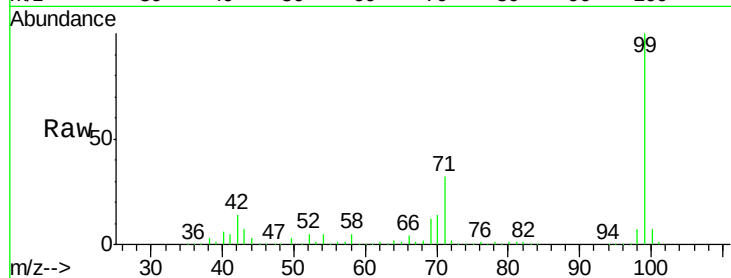
71 31.9 24.5 36.7

Manual Integrations

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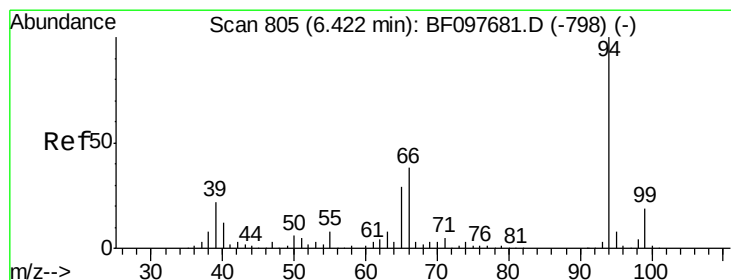
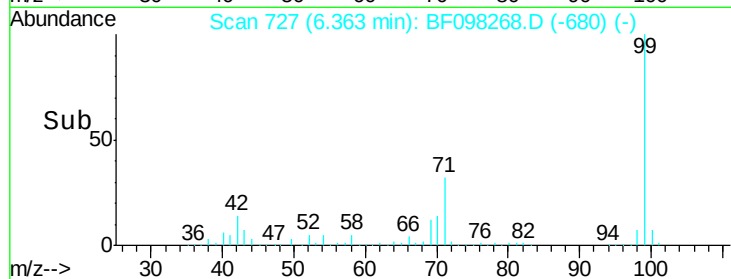
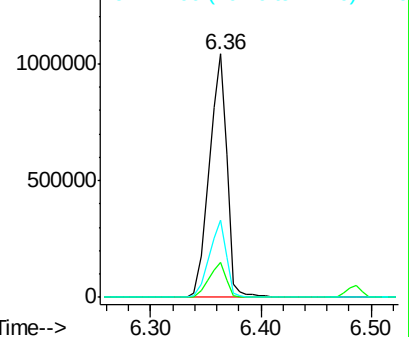
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.063 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF098268.D

Acq: 3 Sep 2017 1:40

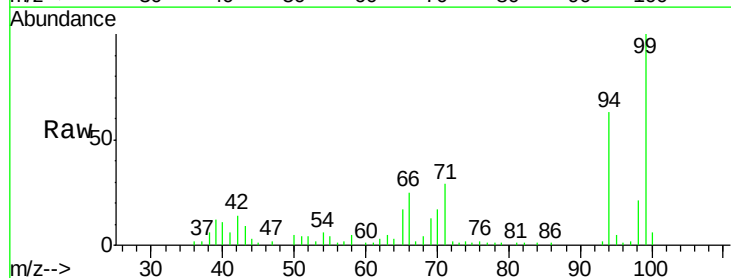
Tgt Ion: 94 Resp: 24836

Ion Ratio Lower Upper

94 100

65 26.8 9.9 49.9

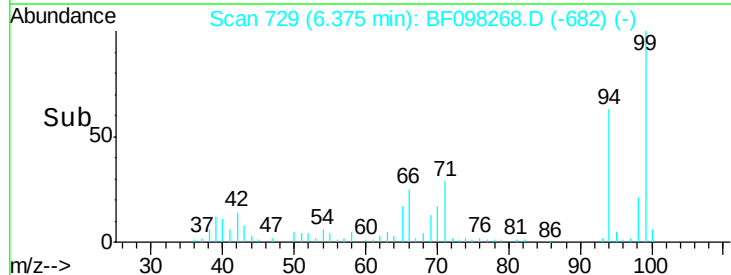
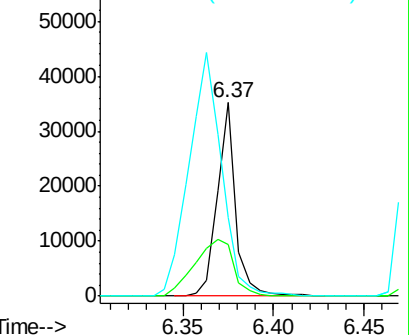
66 40.4 23.1 63.1

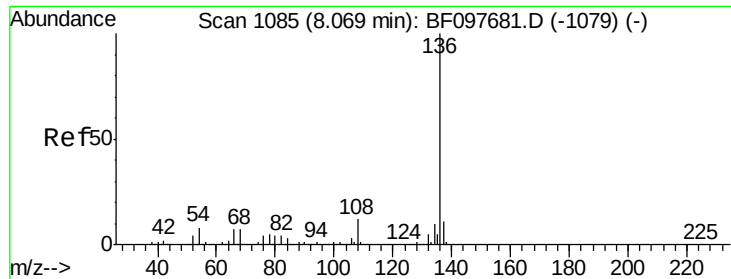


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





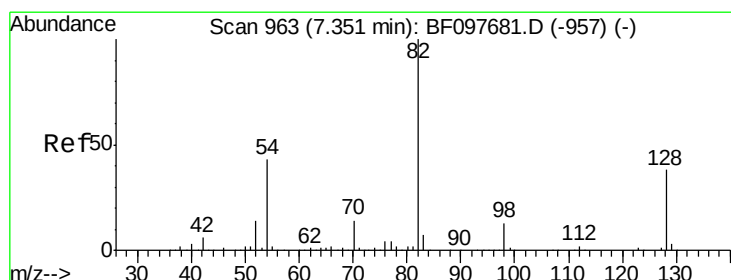
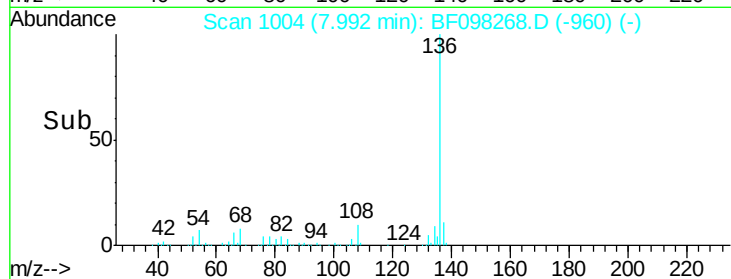
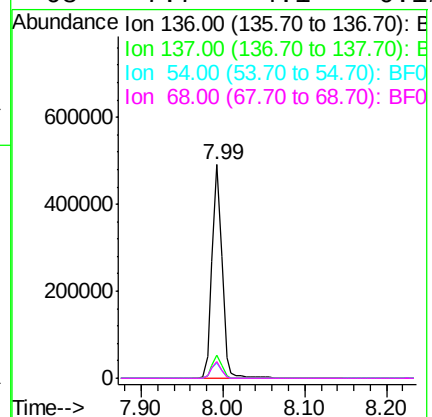
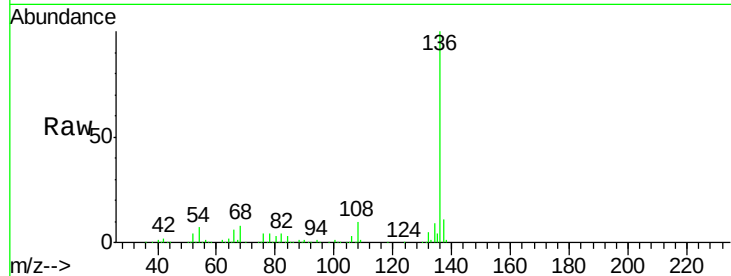
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-342

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	419044		
137	10.9	8.5	12.7	
54	7.4	4.9	7.3#	
68	7.7	4.1	6.1#	

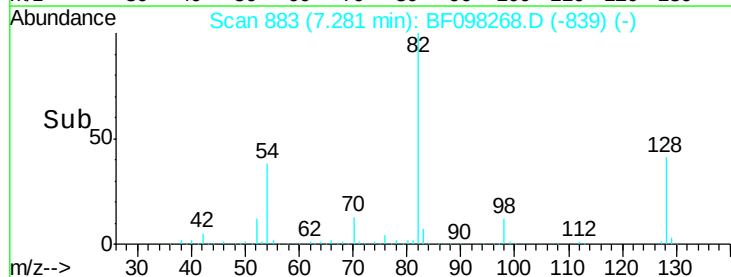
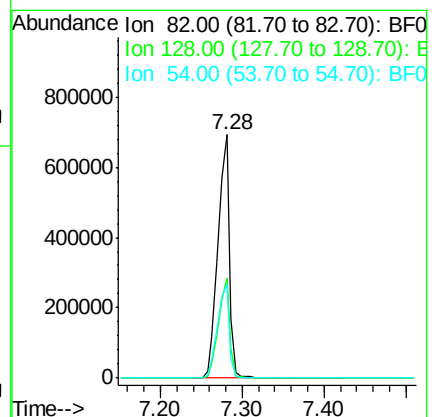
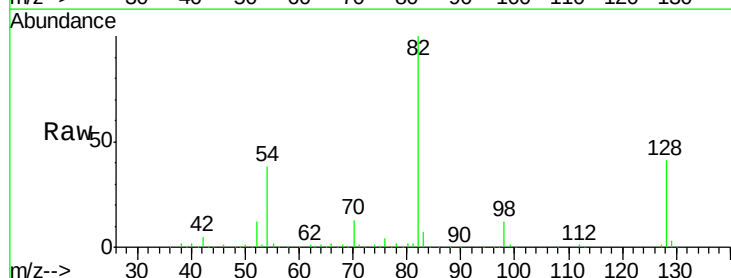
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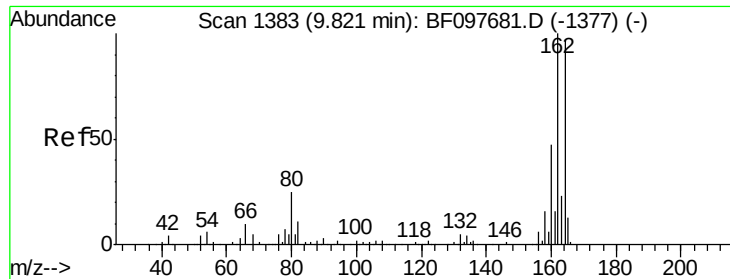
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#23
Nitrobenzene-d5
Concen: 89.299 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	688829		
128	41.1	34.0	51.0	
54	38.4	42.2	63.2#	





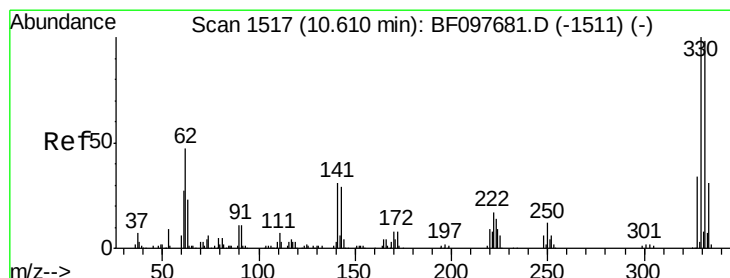
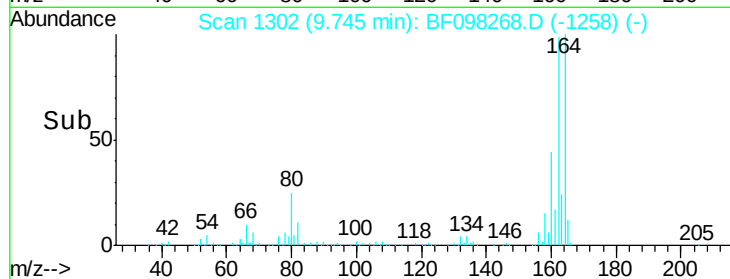
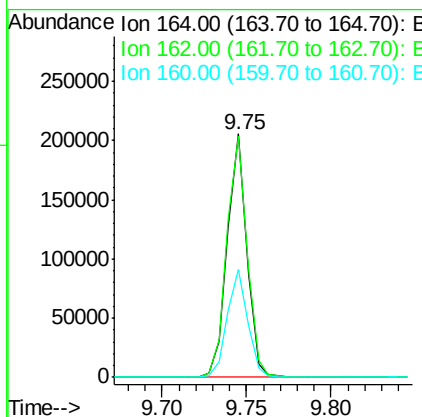
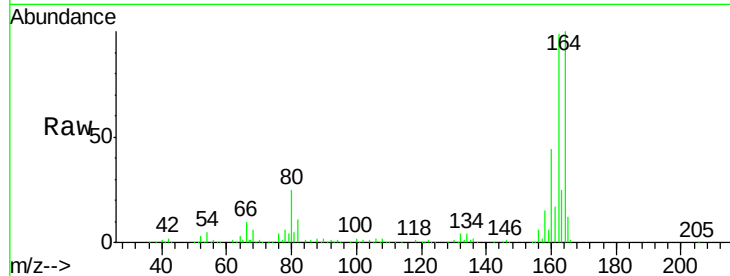
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.04 min
 Lab File: BF098268.D
 Acq: 3 Sep 2017 1:40

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-342

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	165619		
162	99.2	82.6	123.8	
160	44.2	36.2	54.2	

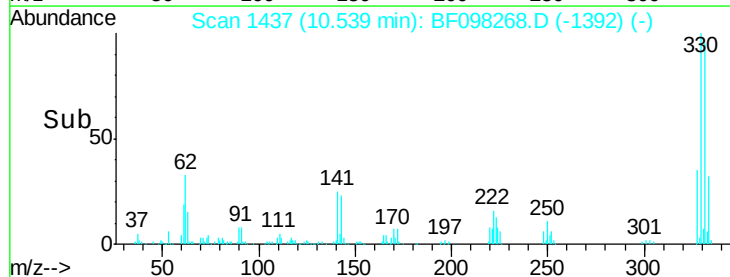
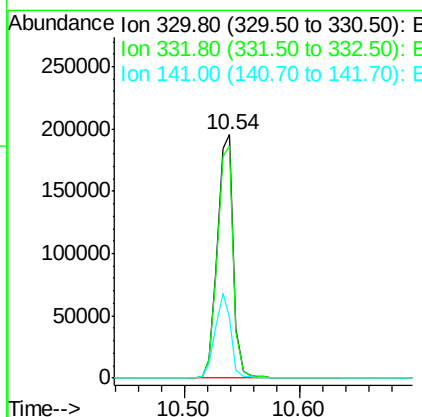
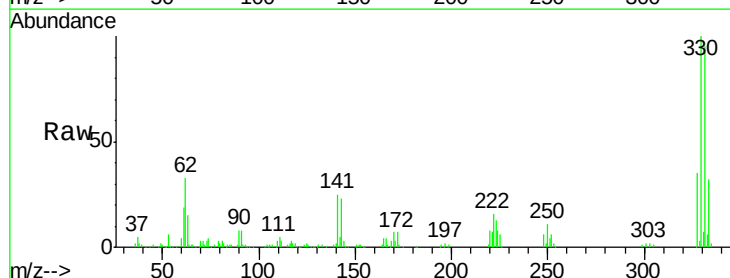
Manual Integrations
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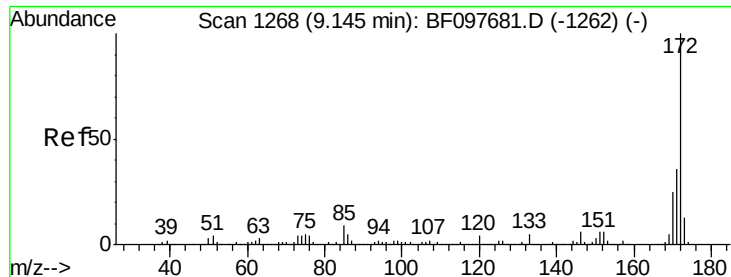
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#41
 2,4,6-Tribromophenol
 Concen: 130.223 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098268.D
 Acq: 3 Sep 2017 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	187133		
332	96.0	76.6	115.0	
141	34.1	31.4	47.2	





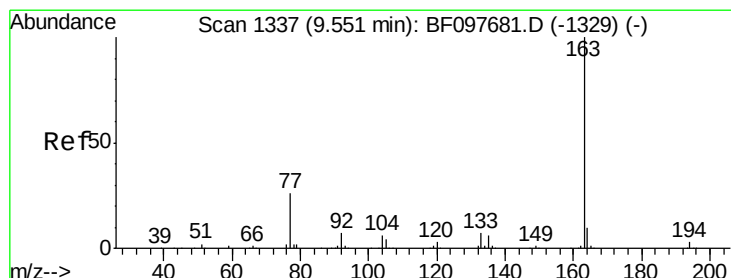
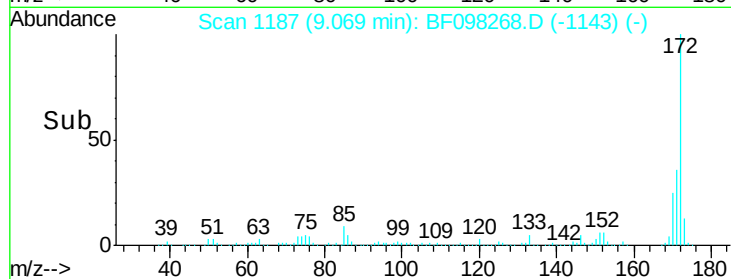
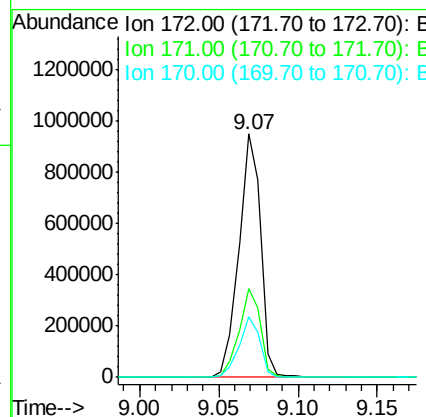
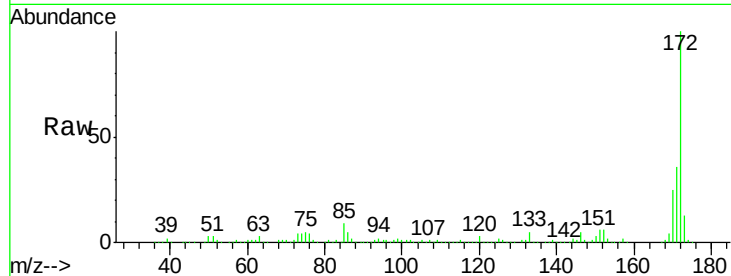
#44
2-Fluorobiphenyl
Concen: 80.341 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-342

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.3	29.6	44.4
170	24.6	19.8	29.8

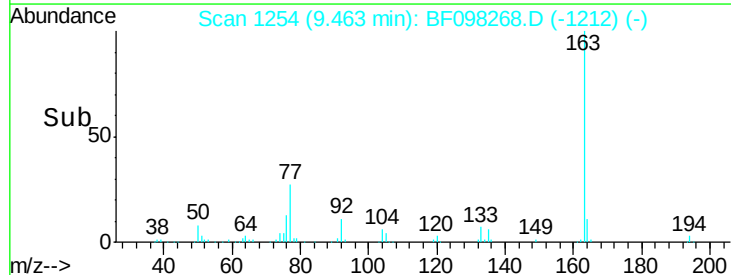
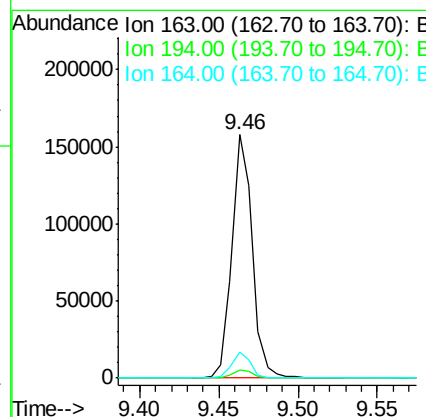
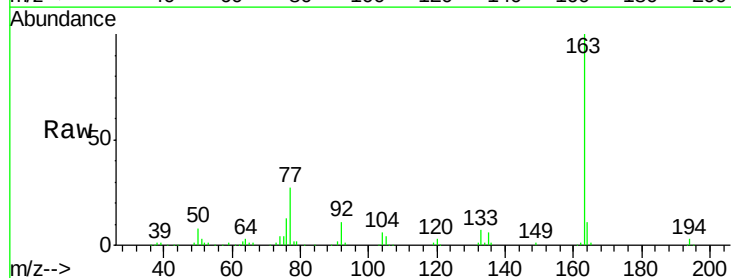
Manual Integrations
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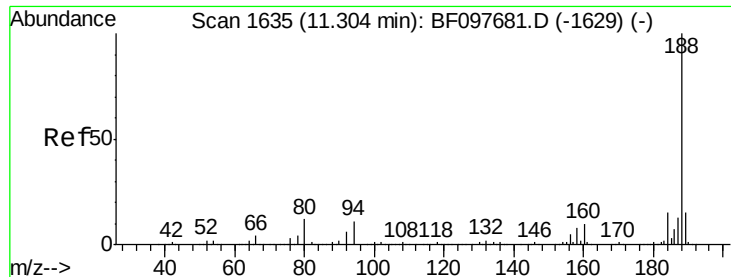
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#49
Dimethylphthalate
Concen: 11.606 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.05 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6





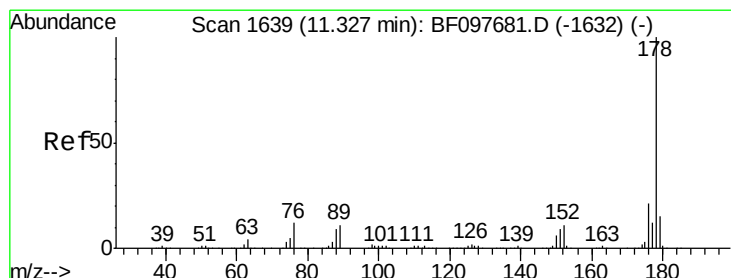
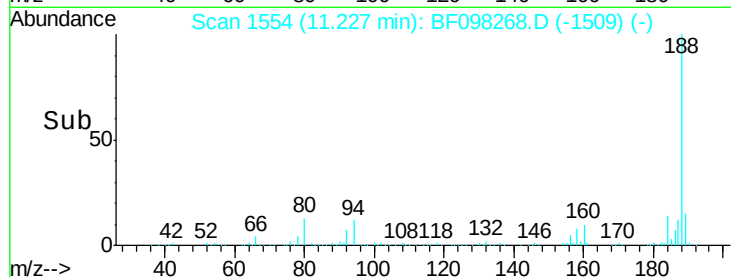
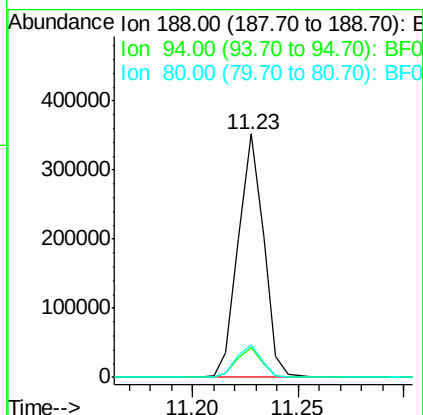
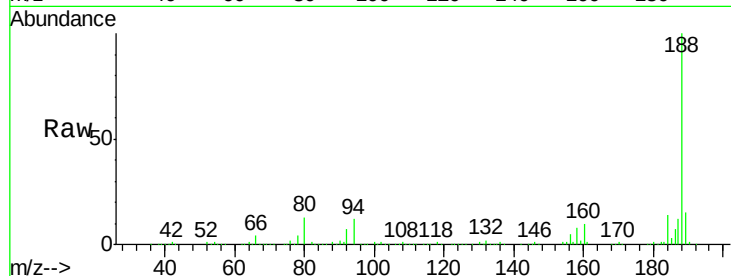
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-342

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.3	9.4	14.2
80	13.3	10.2	15.2

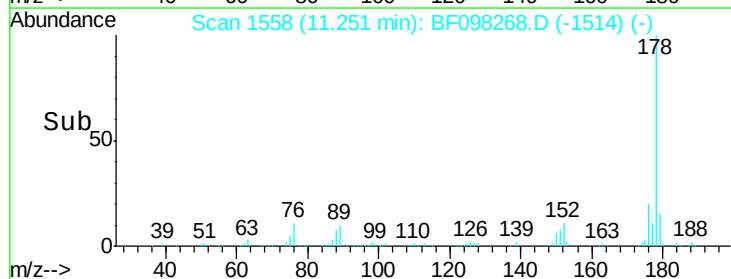
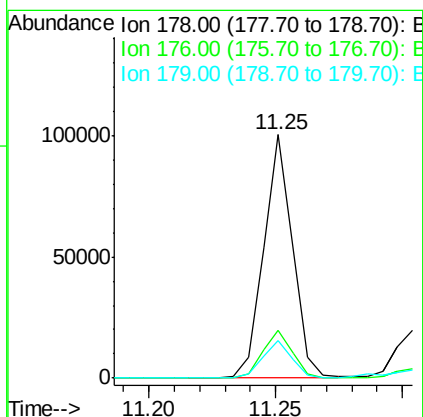
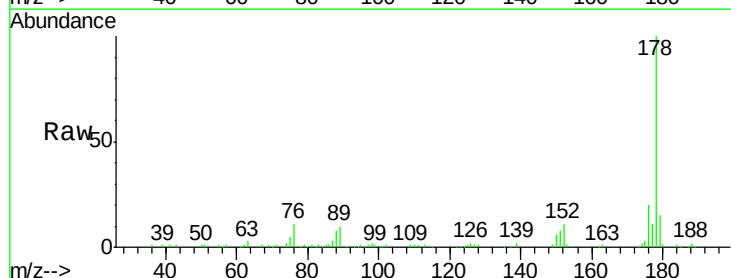
Manual Integrations
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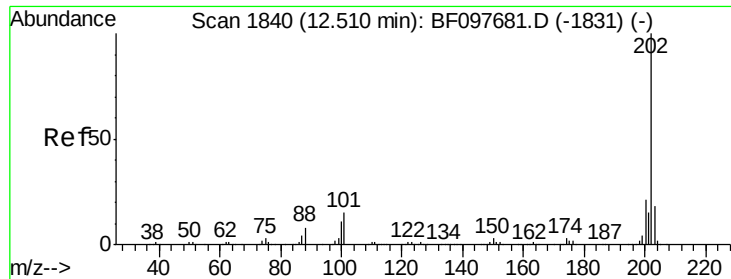
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#70
Phenanthrene
Concen: 5.109 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.8	16.2	24.4
179	15.2	12.6	19.0





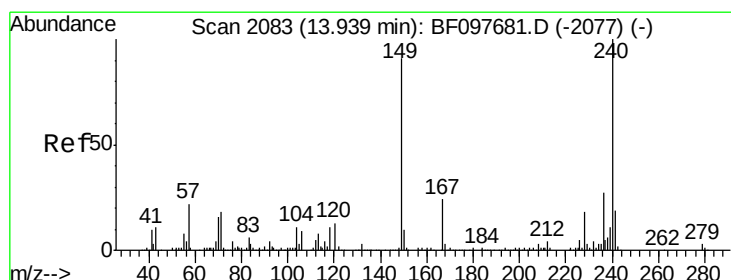
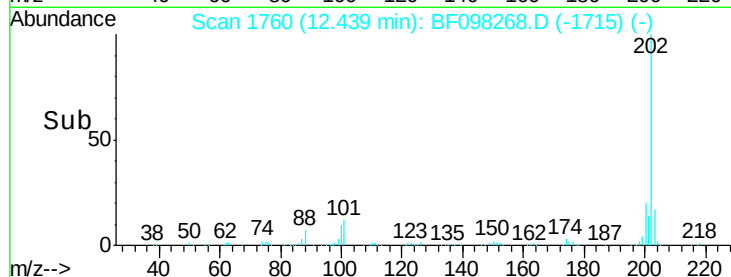
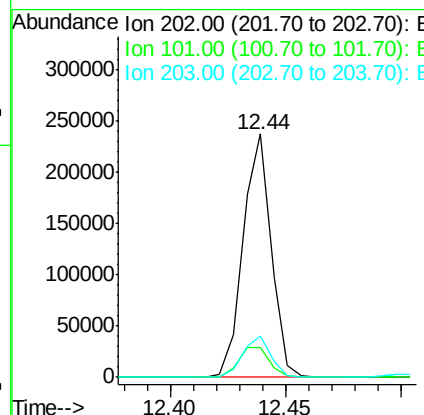
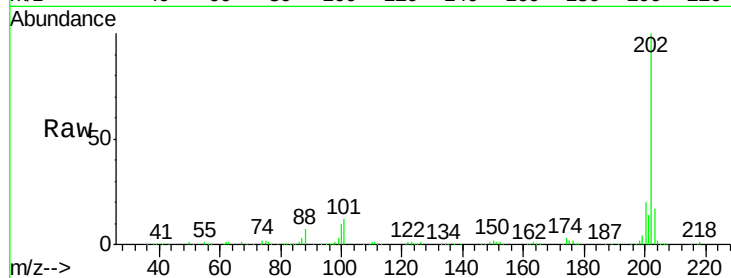
#74
Fluoranthene
Concen: 12.384 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-342

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	0.0	33.2
203	17.0	0.0	38.1

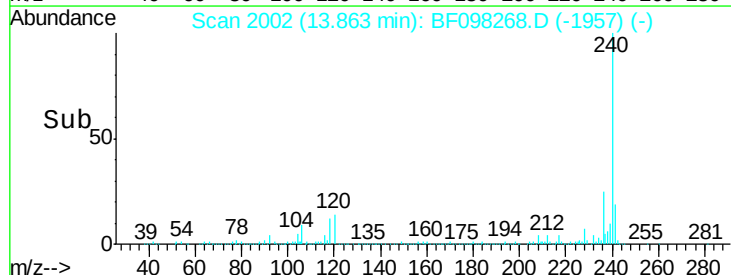
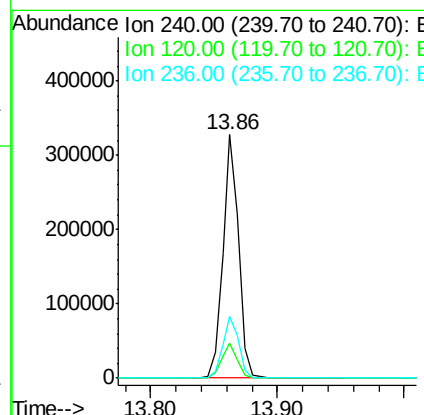
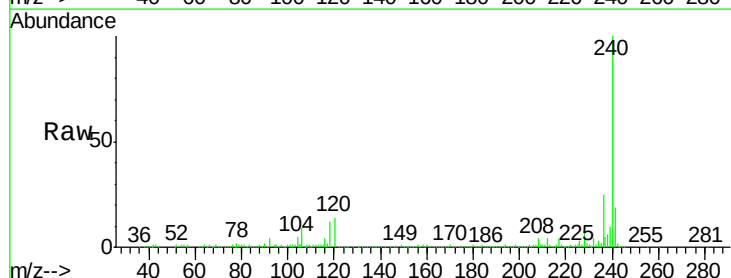
Manual Integrations
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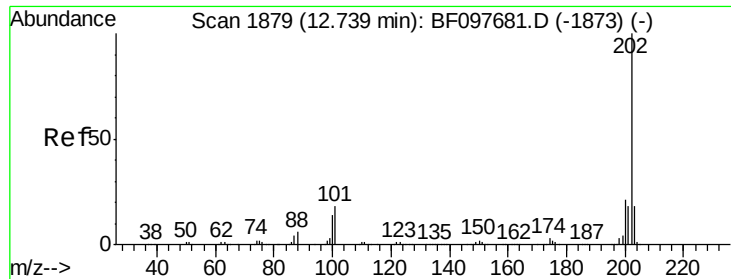
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.4	5.8	8.8#
236	25.2	20.5	30.7





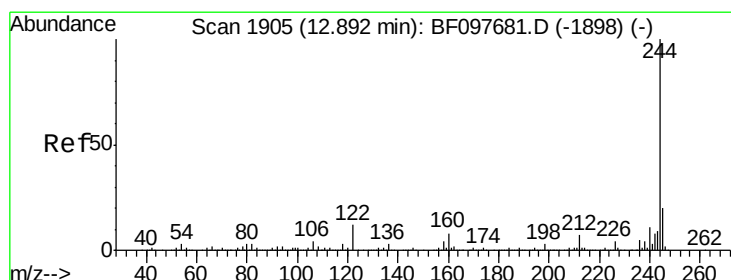
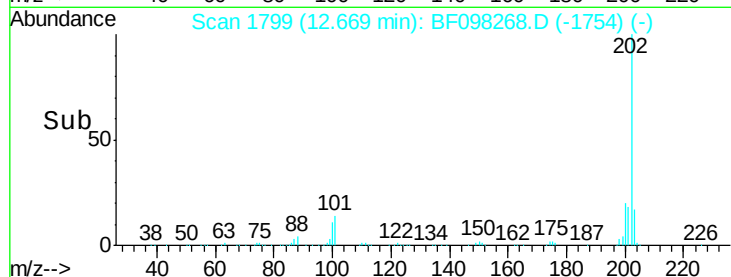
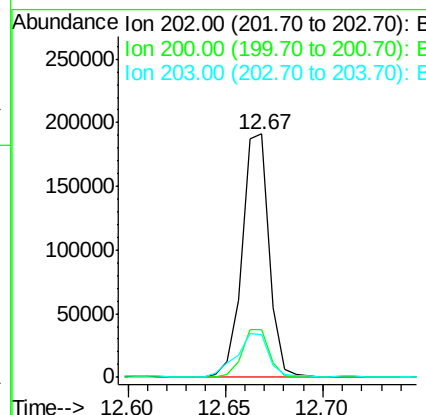
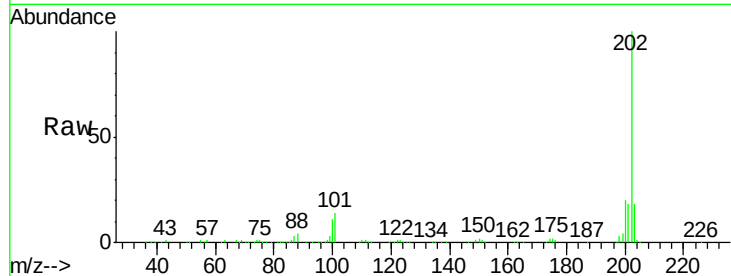
#77
 Pyrene
 Concen: 7.895 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.04 min
 Lab File: BF098268.D
 Acq: 3 Sep 2017 1:40

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-342

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.7	17.6	26.4
203	17.6	14.4	21.6

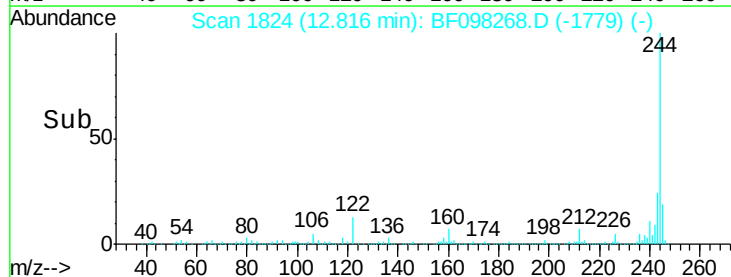
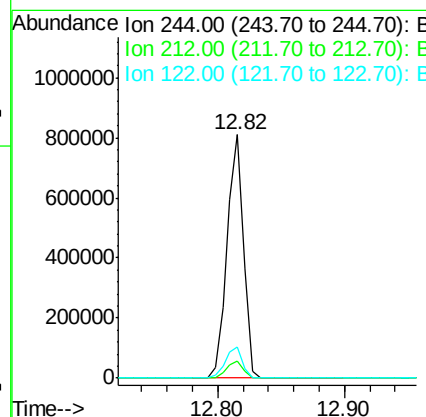
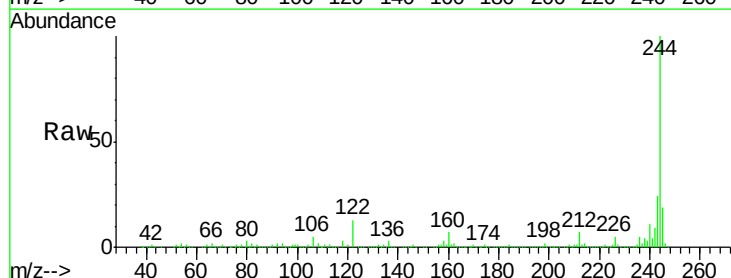
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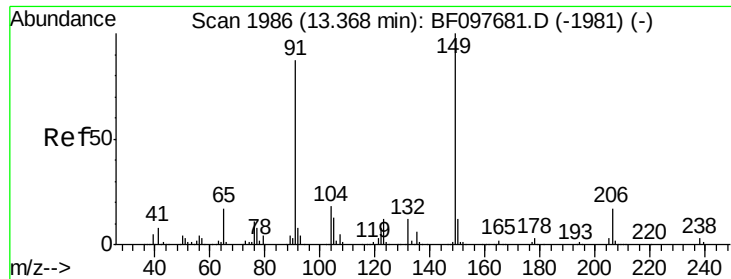
mohammad
 9/5/2017 4:57:14 PM



#78
 Terphenyl-d14
 Concen: 53.626 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.04 min
 Lab File: BF098268.D
 Acq: 3 Sep 2017 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	6.0	9.0
122	12.8	10.3	15.5





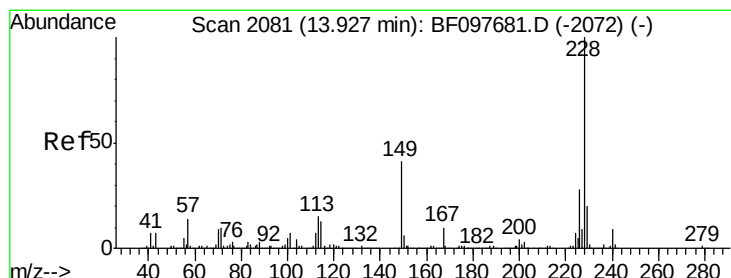
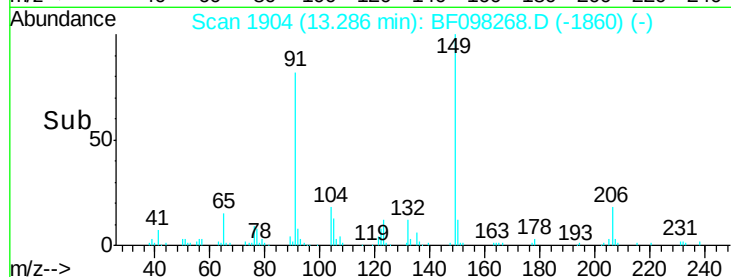
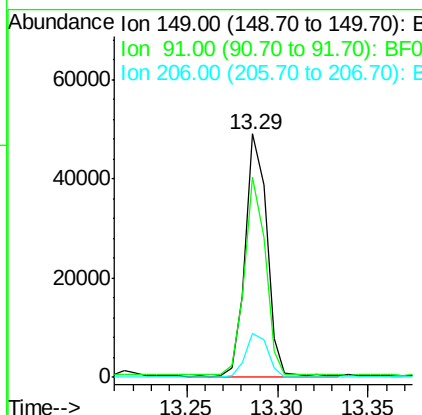
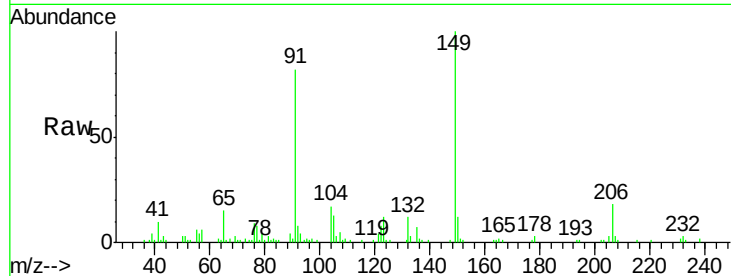
#79
Butylbenzylphthalate
Concen: 4.664 ng
RT: 13.29 min Scan# 1904
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-342

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	82.2	45.0	67.4#
206	18.2	17.0	25.6

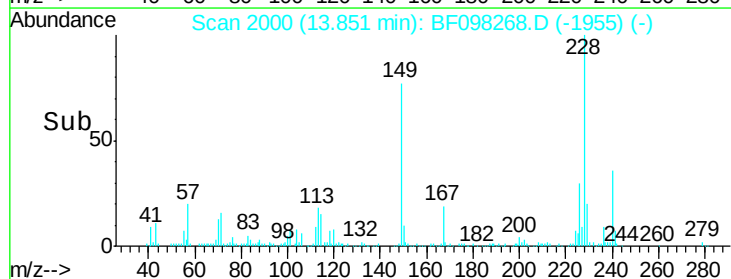
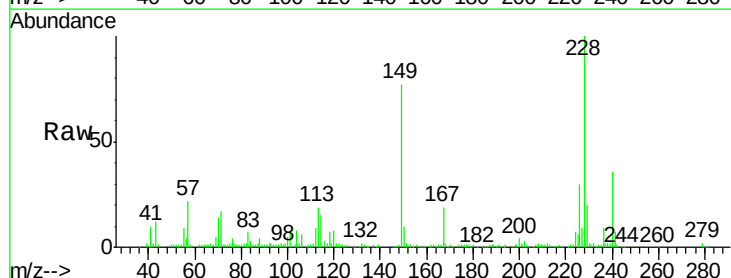
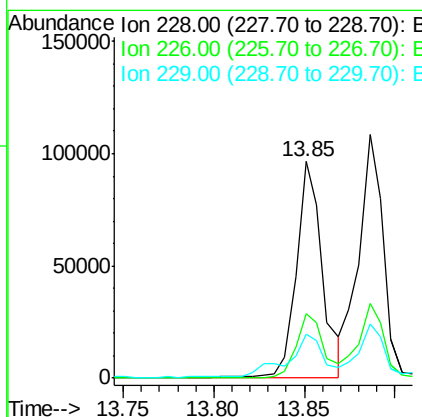
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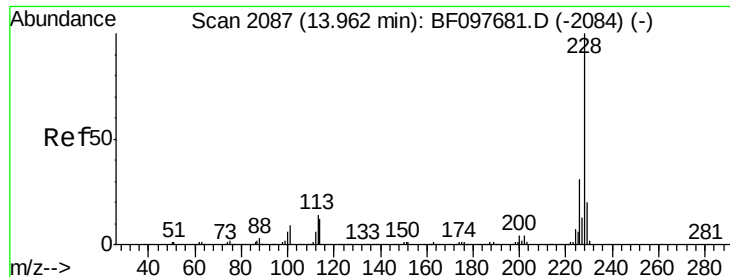
mohammad
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#80
Benzo(a)anthracene
Concen: 5.749 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	22.6	33.8
229	20.1	16.3	24.5





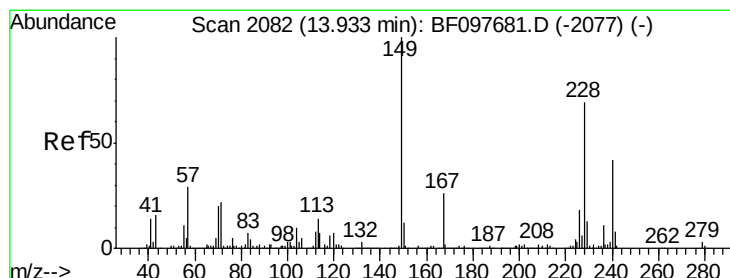
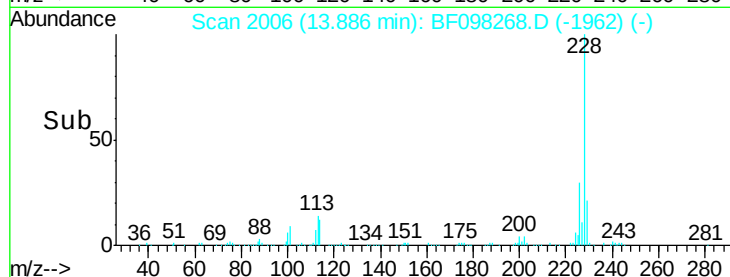
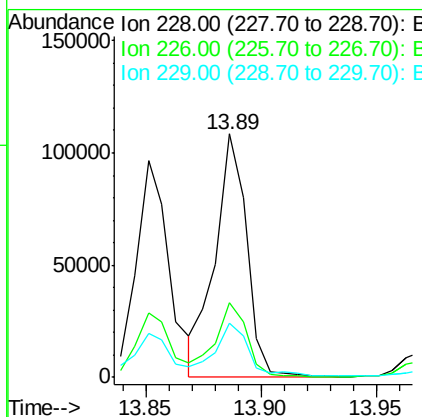
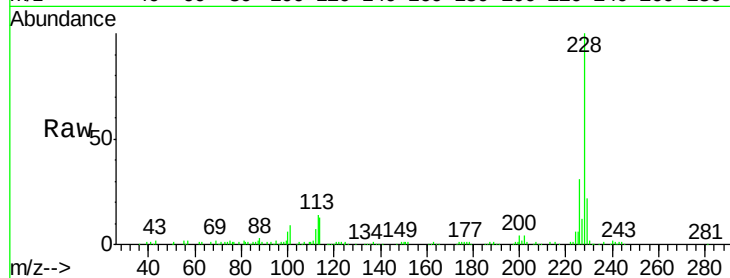
#82
Chrysene
 Concen: 6.087 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.04 min
 Lab File: BF098268.D
 Acq: 3 Sep 2017 1:40

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-342

Tgt Ion:	228	Resp:	103183
Ion Ratio		Lower	Upper
228	100		
226	30.9	24.9	37.3
229	22.1	15.8	23.6

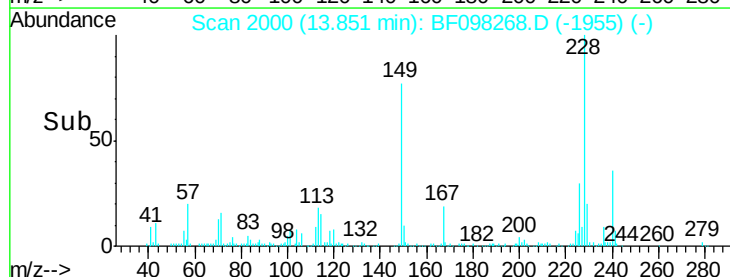
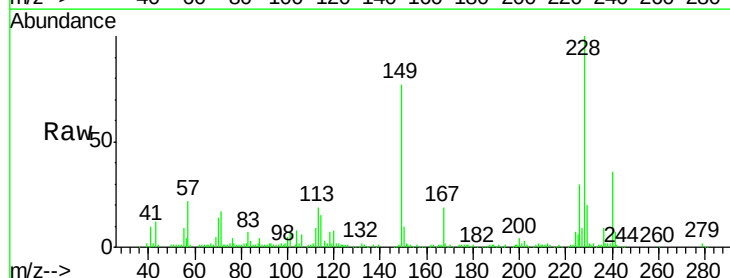
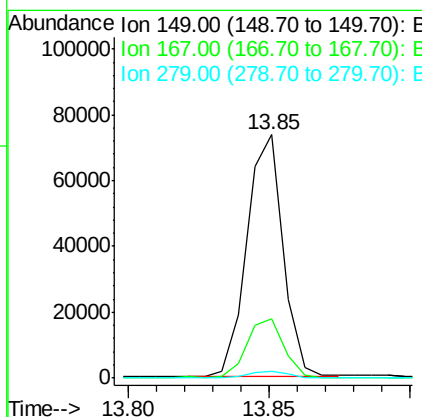
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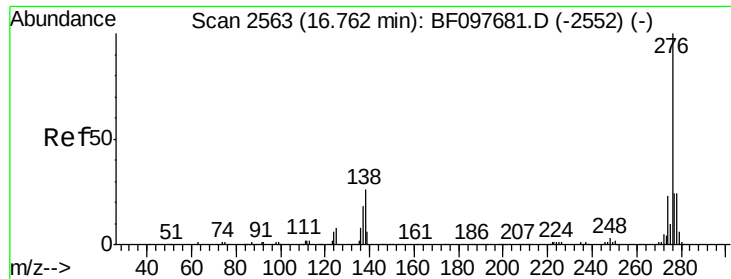
mohammad
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#83
Bis(2-ethylhexyl)phthalate
 Concen: 6.606 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.04 min
 Lab File: BF098268.D
 Acq: 3 Sep 2017 1:40

Tgt Ion:	149	Resp:	65264
Ion Ratio		Lower	Upper
149	100		
167	24.6	21.0	31.4
279	2.7	1.9	2.9





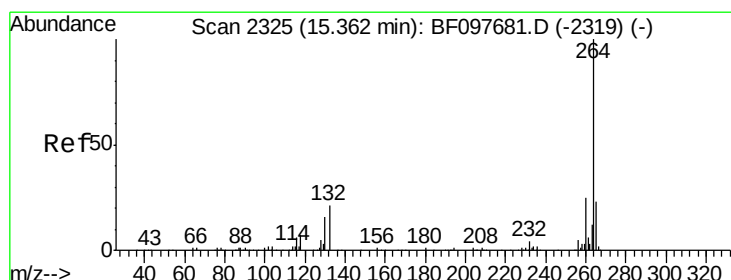
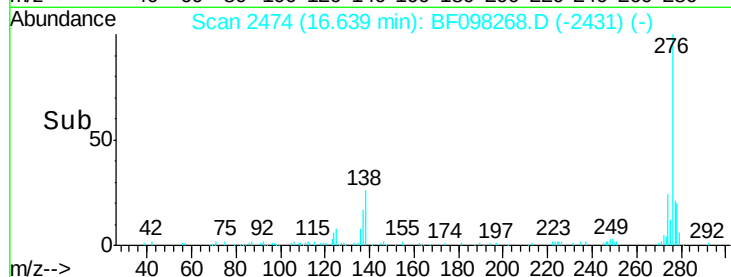
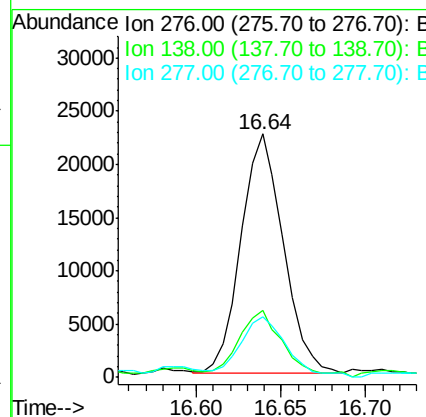
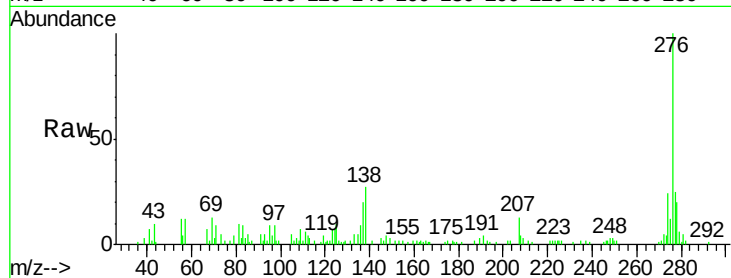
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.109 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. -0.05 min
 Lab File: BF098268.D
 Acq: 3 Sep 2017 1:40

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-342

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.4	27.8	41.6
277	27.9	20.2	30.4

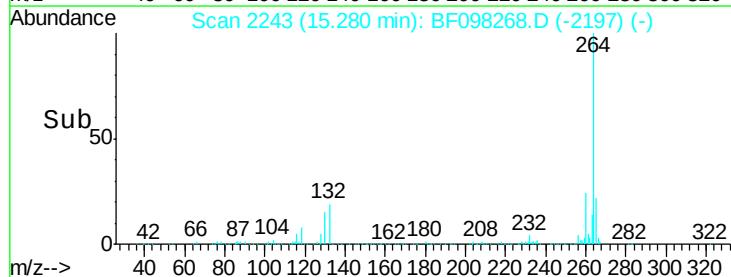
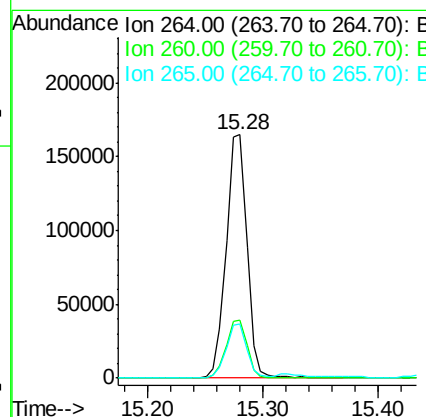
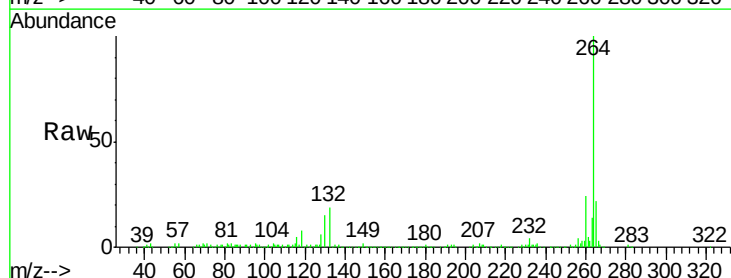
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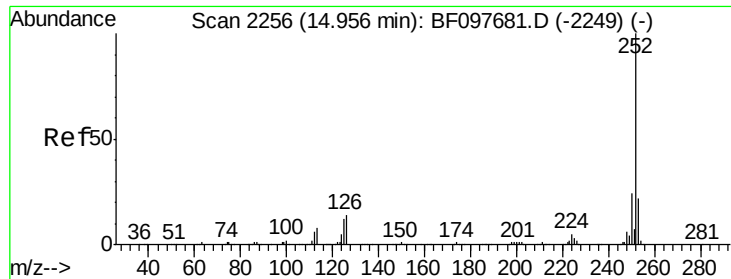
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098268.D
 Acq: 3 Sep 2017 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	19.5	29.3
265	22.2	17.2	25.8





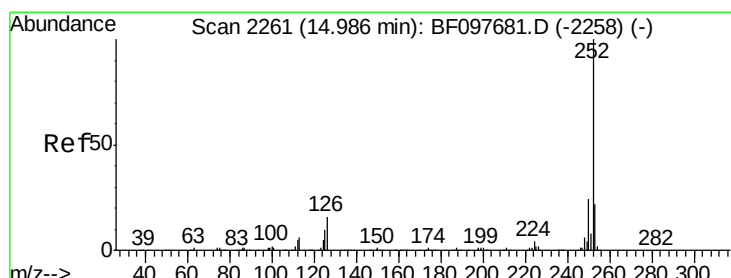
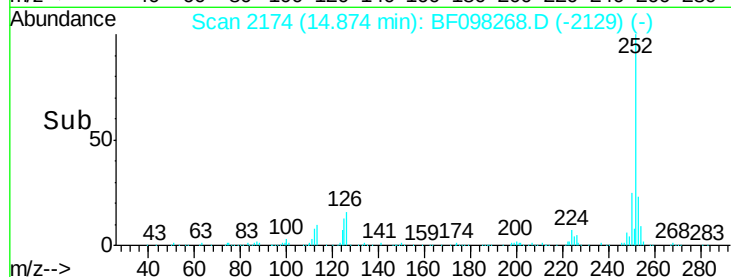
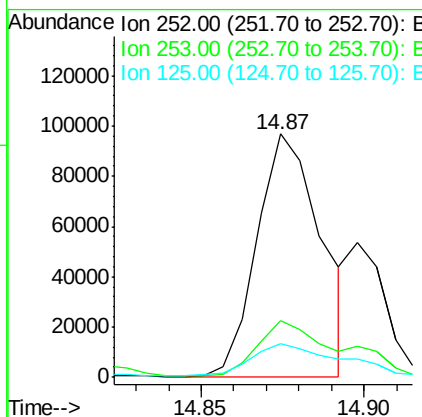
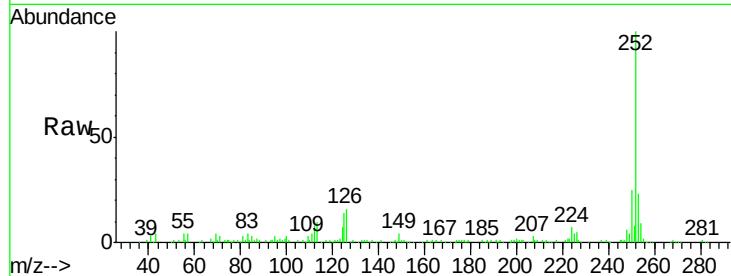
#87
Benzo(b)fluoranthene
Concen: 10.157 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-342

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	14.1	9.8	14.8

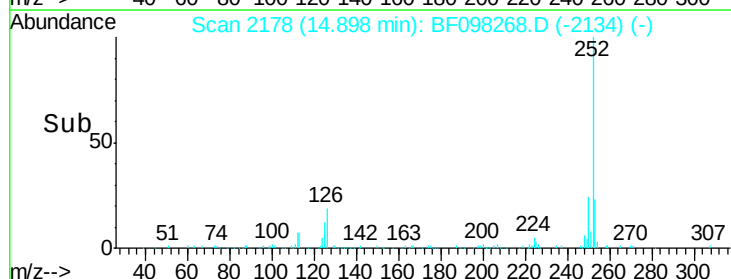
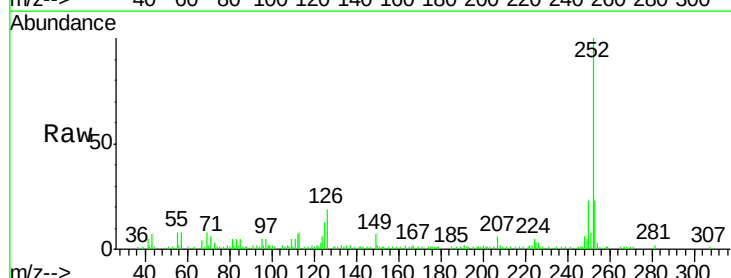
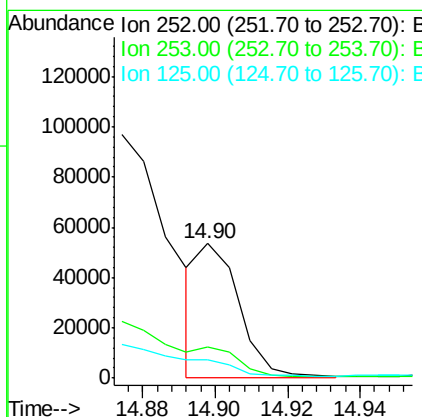
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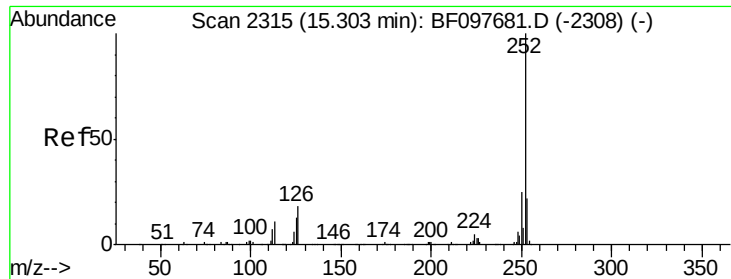
mohammad
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#88
Benzo(k)fluoranthene
Concen: 3.432 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	13.2	13.1	19.7





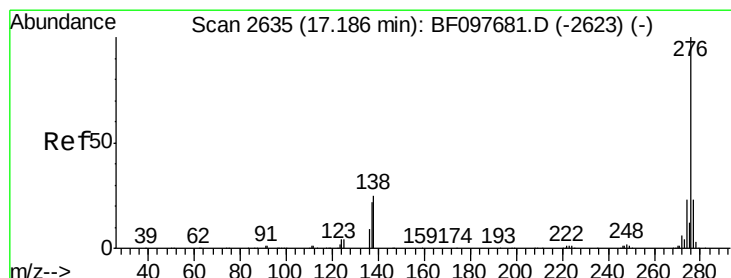
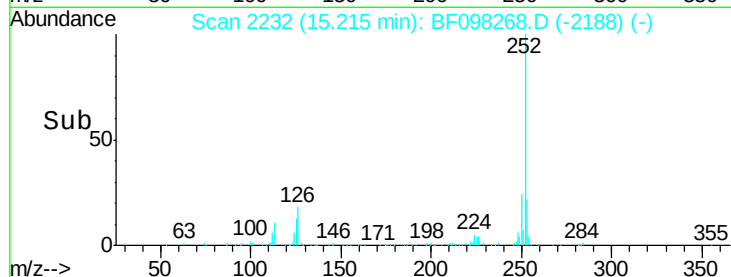
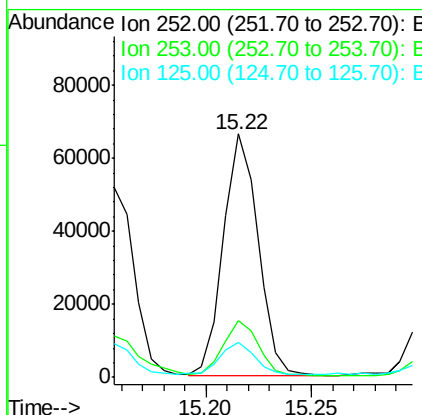
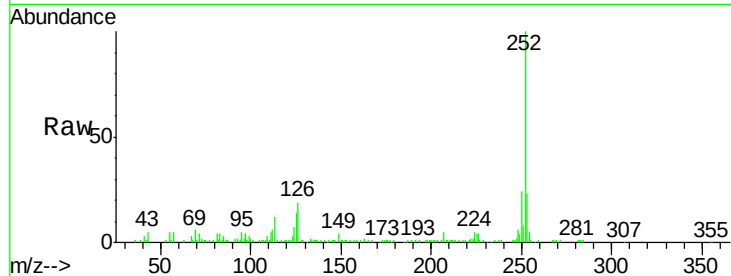
#89
Benzo(a)pyrene
Concen: 6.570 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.04 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-342

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	14.2	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 3.817 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.06 min
Lab File: BF098268.D
Acq: 3 Sep 2017 1:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	28.7	25.4	38.0

