

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
 Data File : BF095698.D
 Acq On : 6 Jun 2017 4:34
 Operator : SJ/MA
 Sample : I3444-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-238-060117

Manual Integrations
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Quant Time: Jun 06 07:08:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	103153	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	390562	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	131577	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	202742	20.00	ng	0.00
75) Chrysene-d12	18.35	240	173078	20.00	ng	0.00
86) Perylene-d12	20.02	264	115743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	45193	6.98	ng	0.04
7) Phenol-d6	6.99	99	66850	8.63	ng	0.03
23) Nitrobenzene-d5	8.32	82	32763	5.21	ng	0.00
41) 2,4,6-Tribromophenol	13.55	330	7960	6.84	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	67462	7.13	ng	0.00
78) Terphenyl-d14	17.01	244	44284	6.35	ng	0.00
Target Compounds						
74) Fluoranthene	16.46	202	31493	2.720	ng	97
77) Pyrene	16.77	202	34468	2.669	ng	97
87) Benzo(b)fluoranthene	19.63	252	14896m	2.055	ng	

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

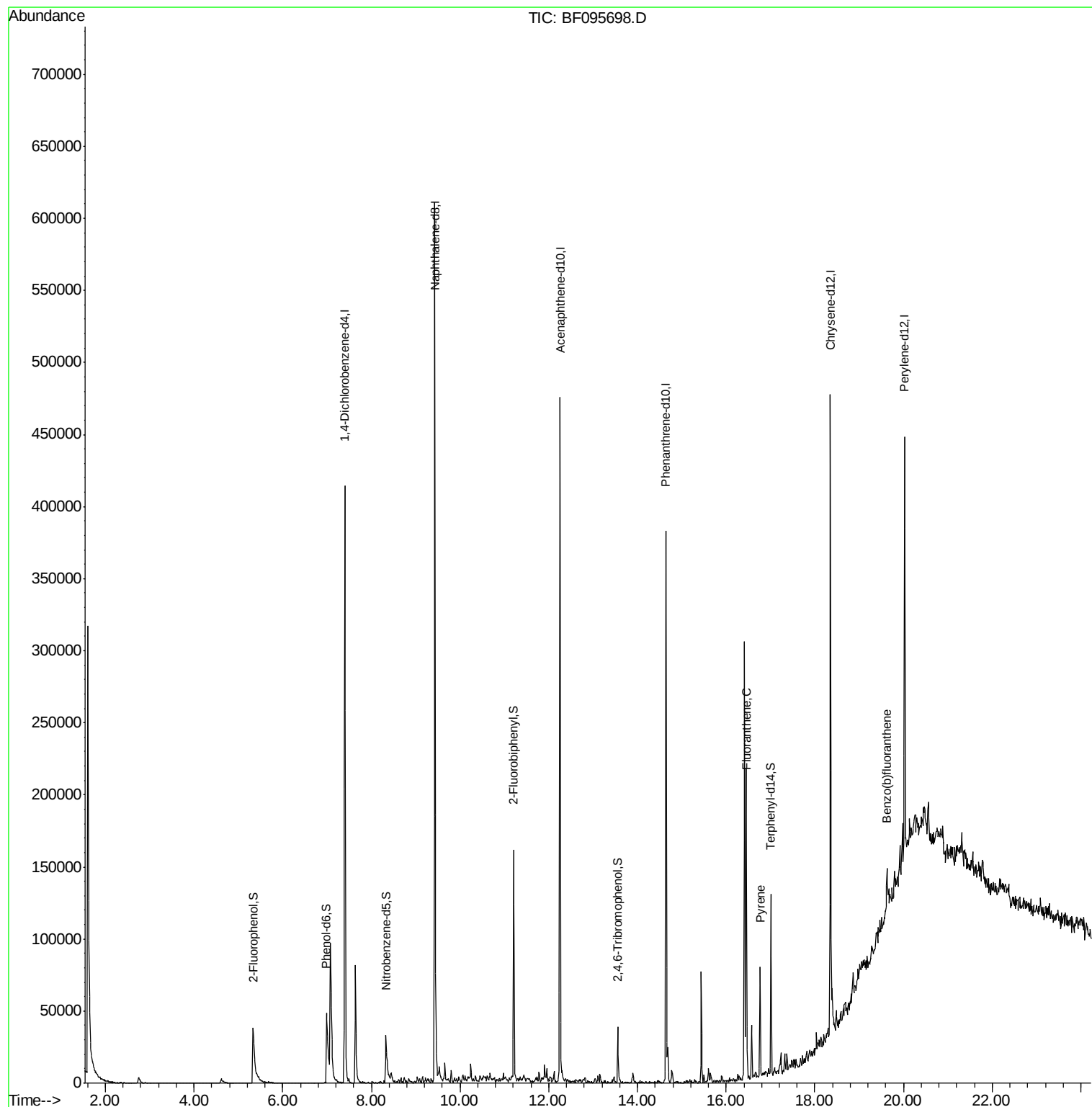
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095698.D
Acq On : 6 Jun 2017 4:34
Operator : SJ/MA
Sample : I3444-01 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

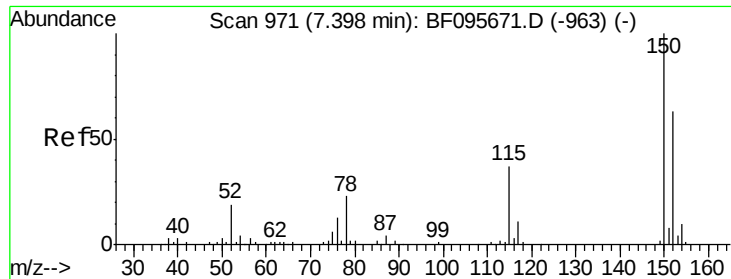
Instrument :
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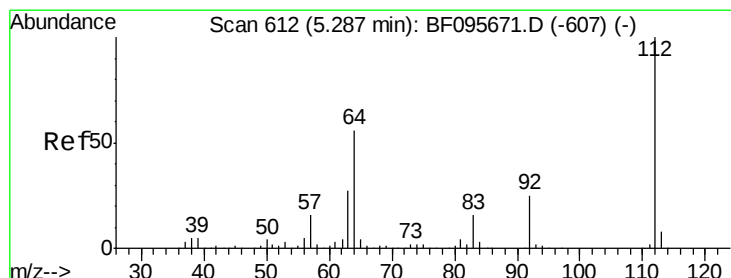
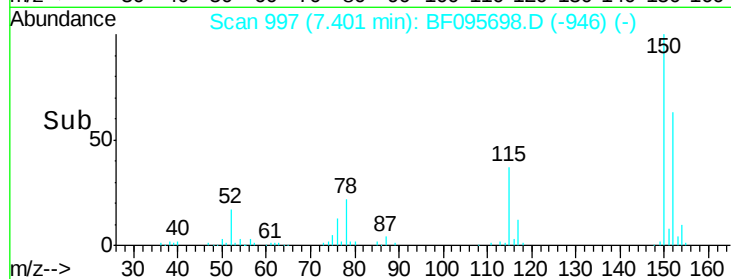
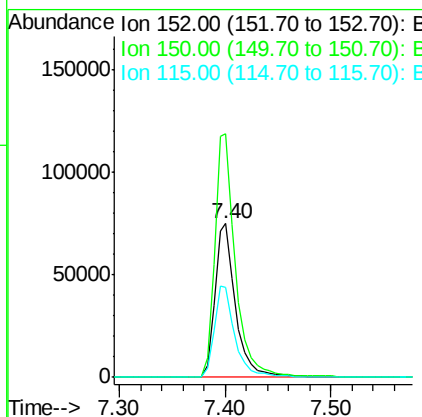
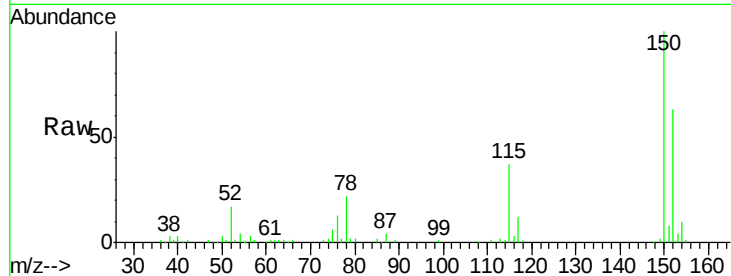
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.40 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF095698.D
 Acq: 6 Jun 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-238-060117

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	58.4	52.2	78.2

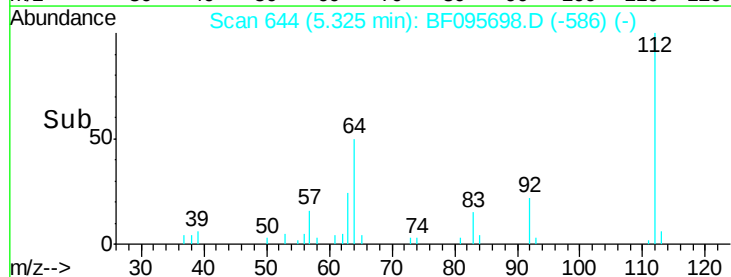
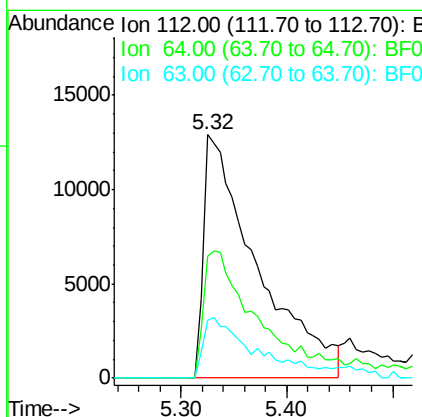
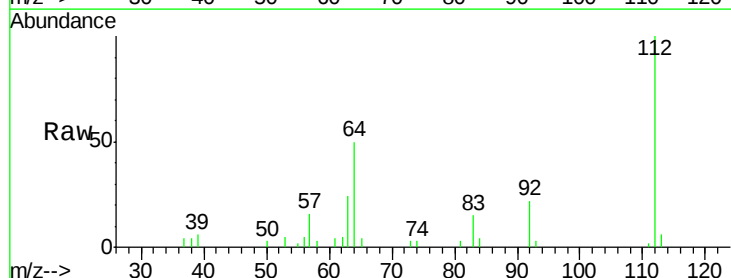
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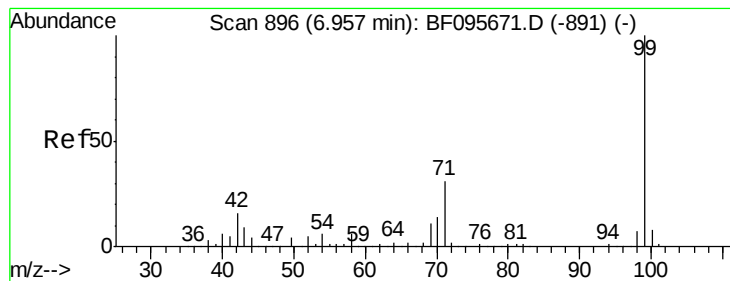
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#5
 2-Fluorophenol
 Concen: 6.981 ng
 RT: 5.32 min Scan# 644
 Delta R.T. 0.04 min
 Lab File: BF095698.D
 Acq: 6 Jun 2017 4:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	46.0	69.0
63	23.7	23.4	35.0





#7

Phenol-d6

Concen: 8.626 ng

RT: 6.99 min Scan# 927

Delta R.T. 0.03 min

Lab File: BF095698.D

Acq: 6 Jun 2017 4:34

Instrument :

BNA_F

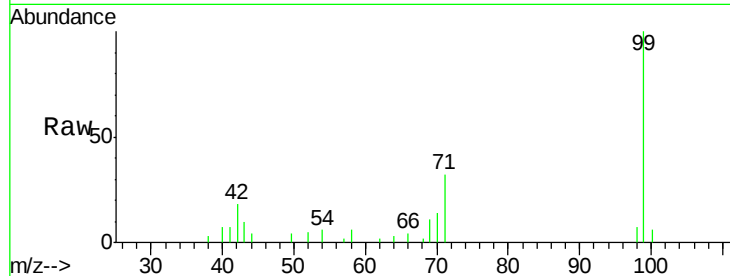
ClientSampleId :

BU-RO-238-060117

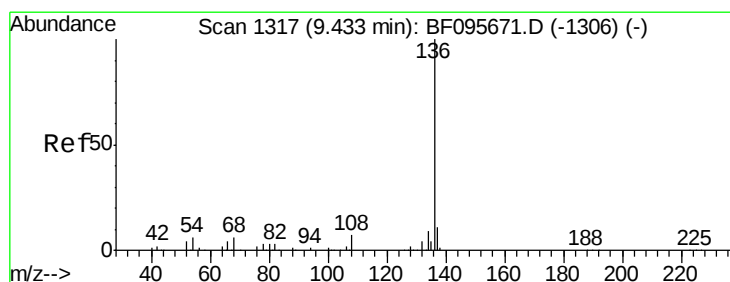
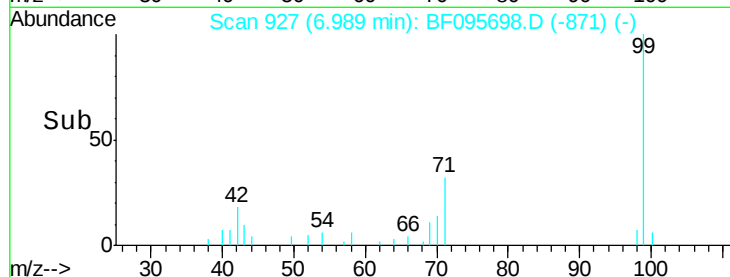
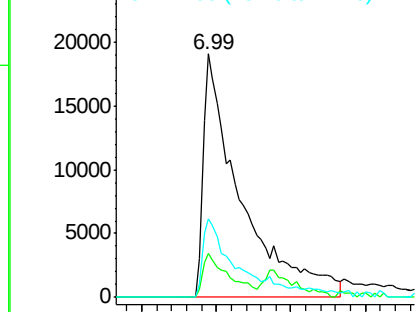
Tgt Ion:	99	Resp:	66850
Ion Ratio	Lower	Upper	
99	100		
42	18.1	13.5	20.3
71	32.2	24.5	36.7

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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: 20.000 ng

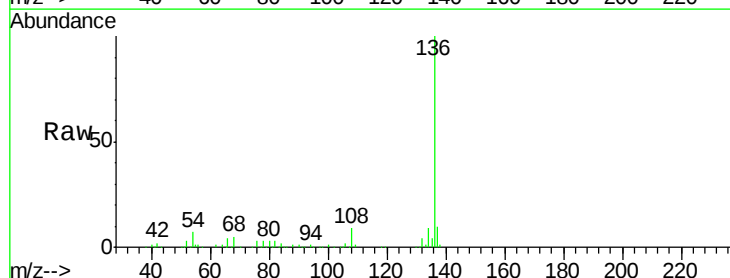
RT: 9.43 min Scan# 1342

Delta R.T. -0.00 min

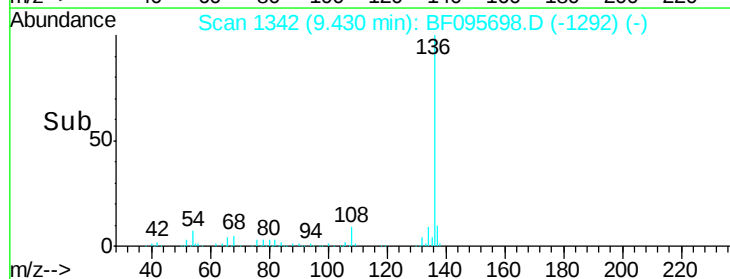
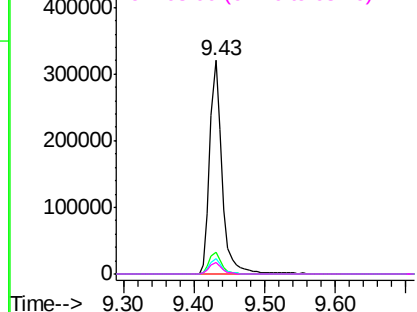
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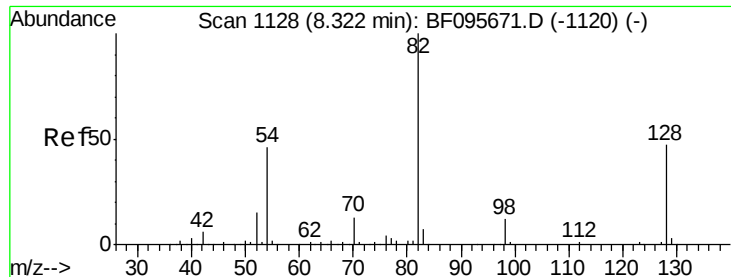
Acq: 6 Jun 2017 4:34

Tgt Ion:	136	Resp:	390562
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.5	12.7
54	7.1	4.9	7.3
68	5.4	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





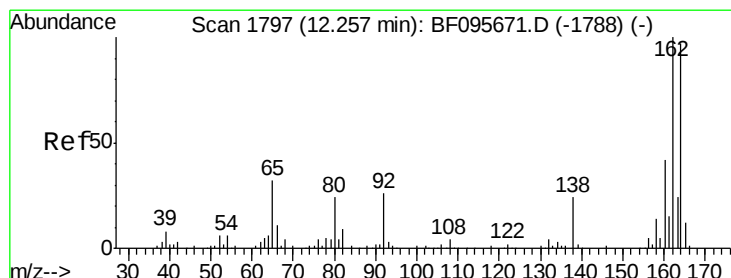
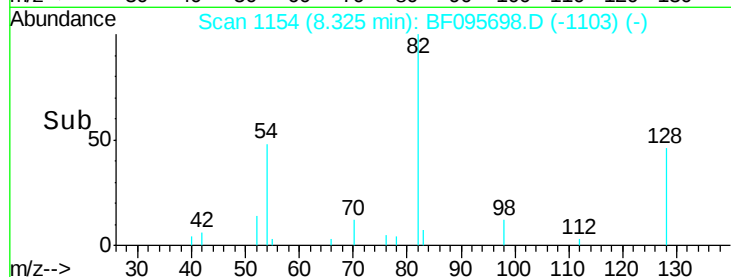
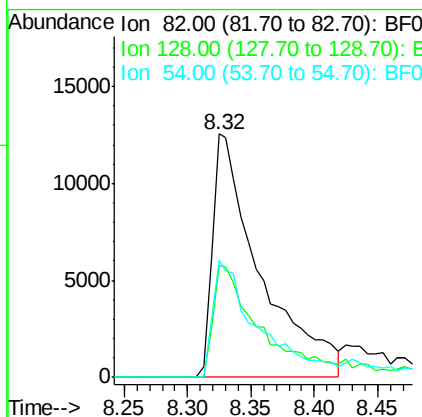
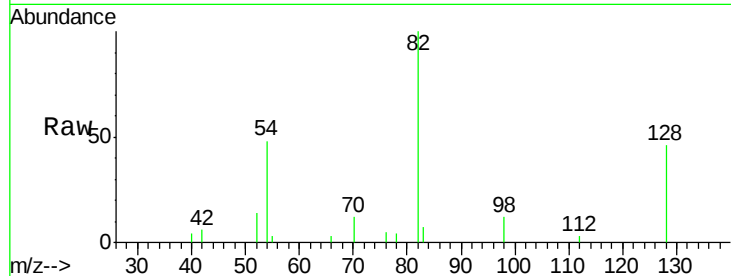
#23
Nitrobenzene-d5
Concen: 5.210 ng
RT: 8.32 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF095698.D
Acq: 6 Jun 2017 4:34

Instrument :
BNA_F
ClientSampleId :
BU-RO-238-060117

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	48.1	42.2	63.2

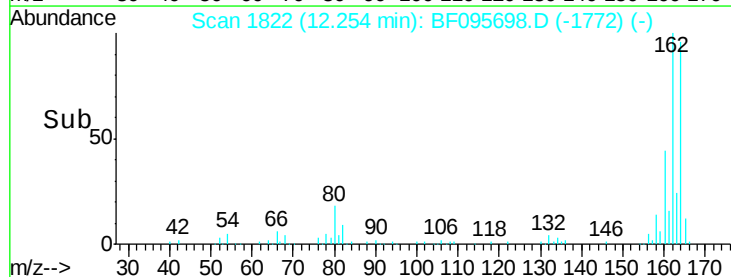
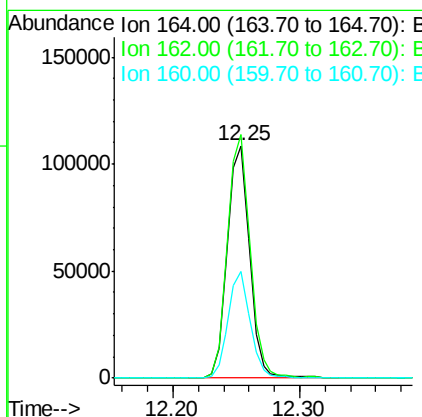
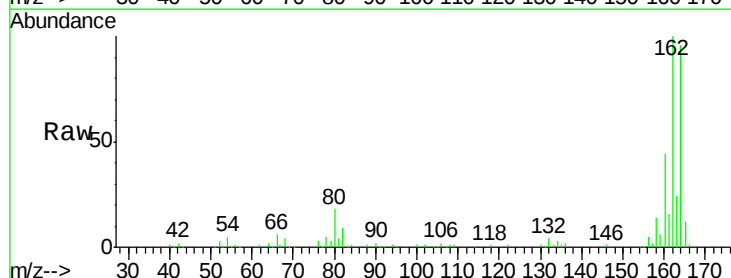
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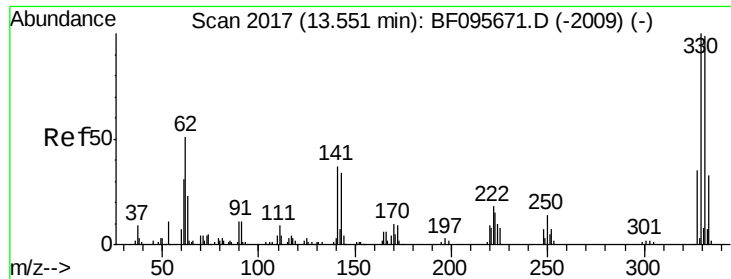
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.25 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF095698.D
Acq: 6 Jun 2017 4:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	45.8	36.2	54.2





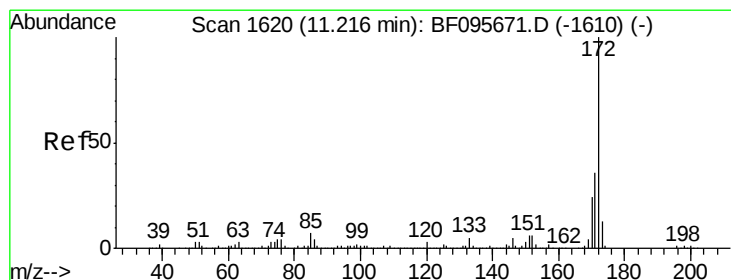
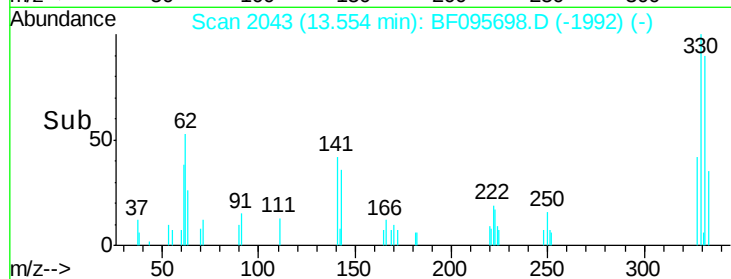
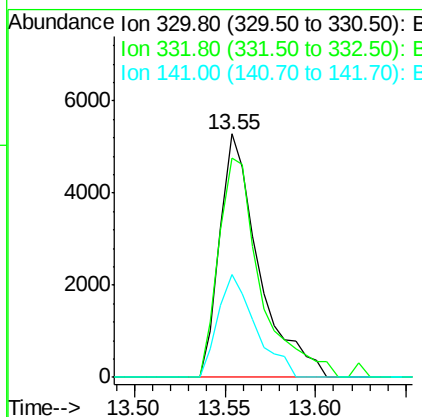
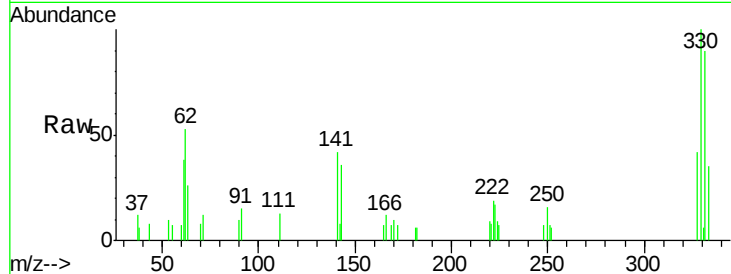
#41
 2,4,6-Tribromophenol
 Concen: 6.838 ng
 RT: 13.55 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF095698.D
 Acq: 6 Jun 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-238-060117

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	7960		
332	96.2		76.6	115.0
141	40.3		31.4	47.2

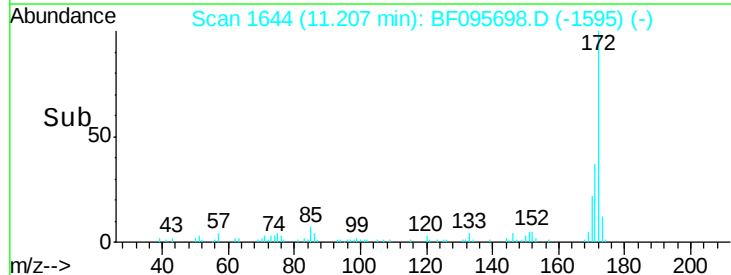
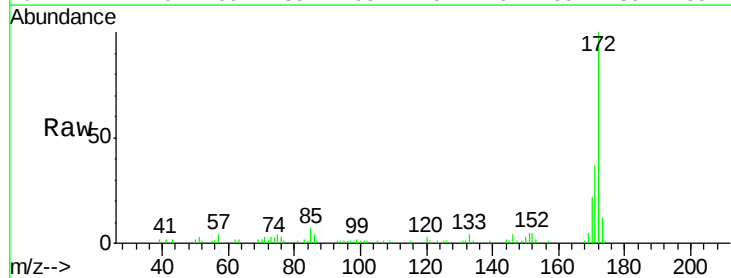
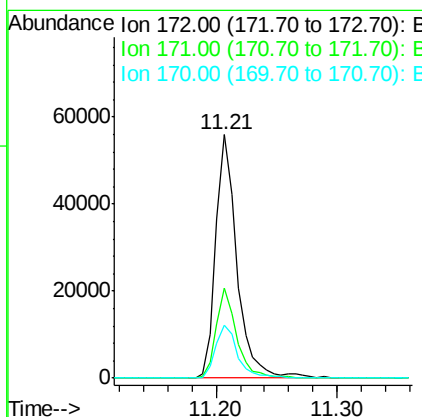
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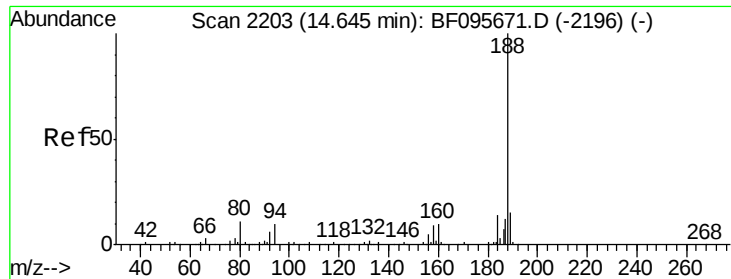
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#44
 2-Fluorobiphenyl
 Concen: 7.135 ng
 RT: 11.21 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF095698.D
 Acq: 6 Jun 2017 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	67462		
171	37.0		29.6	44.4
170	21.6		19.8	29.8





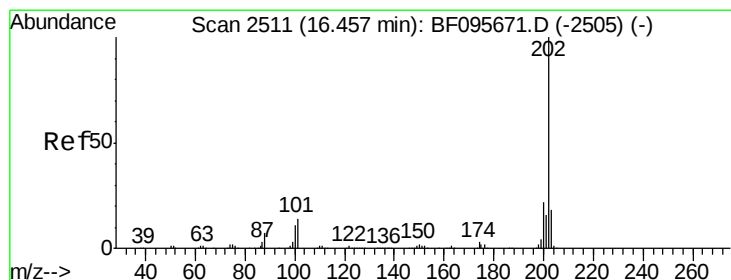
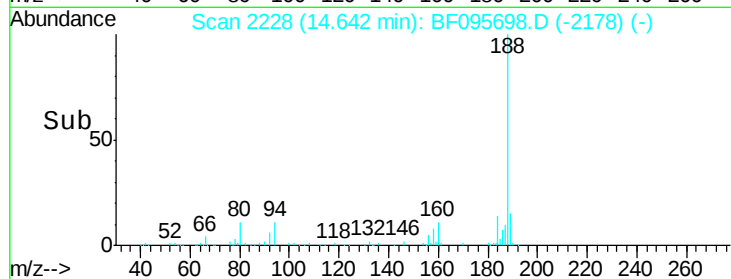
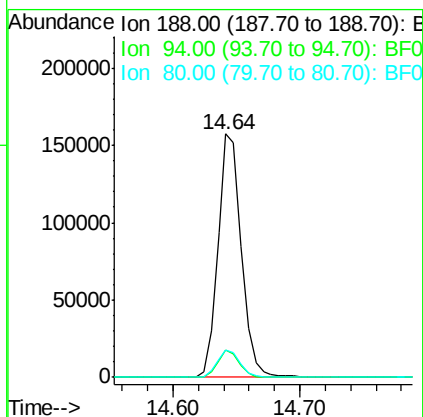
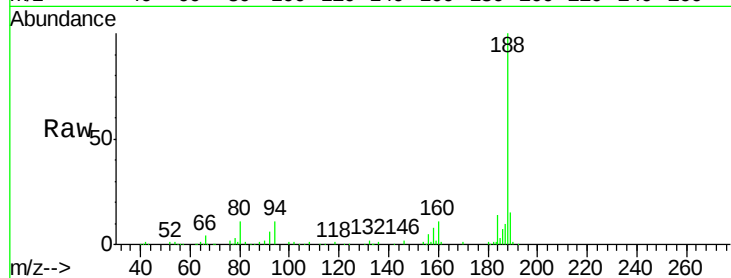
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095698.D
Acq: 6 Jun 2017 4:34

Instrument :
BNA_F
ClientSampleId :
BU-RO-238-060117

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	202742		
94	11.0		9.4	14.2
80	11.4		10.2	15.2

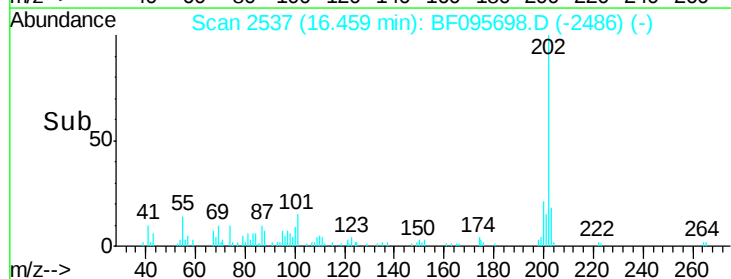
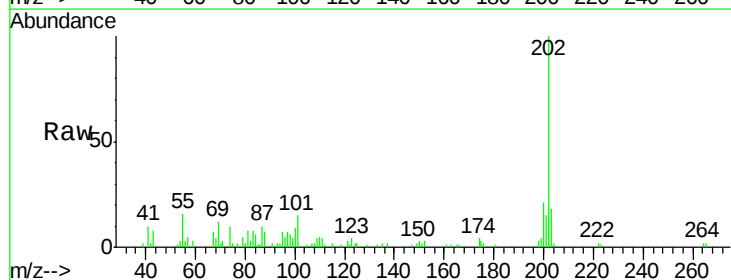
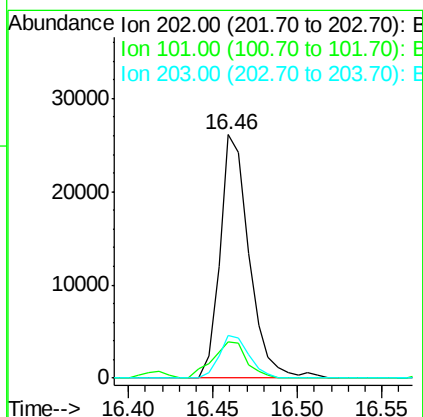
Manual Integrations
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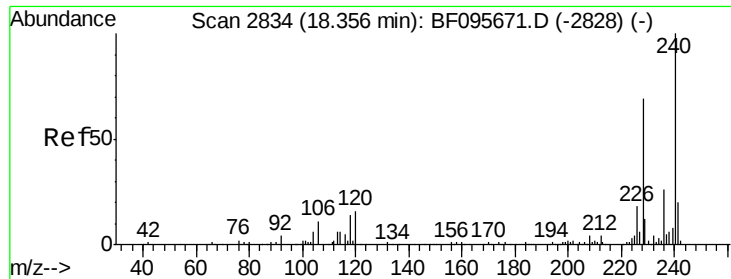
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#74
Fluoranthene
Concen: 2.720 ng
RT: 16.46 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF095698.D
Acq: 6 Jun 2017 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	31493		
101	15.2		0.0	33.2
203	17.5		0.0	38.1





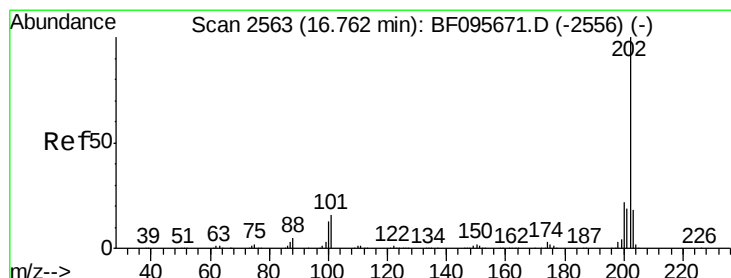
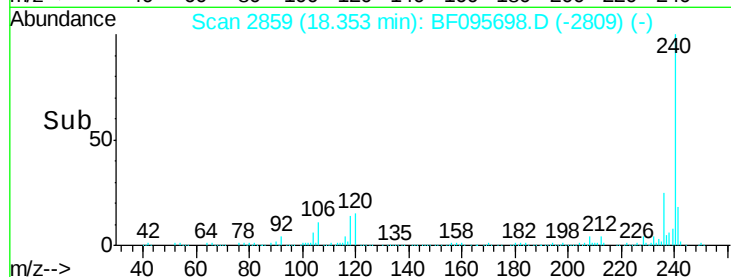
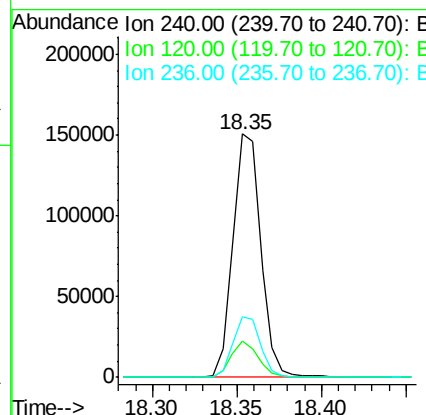
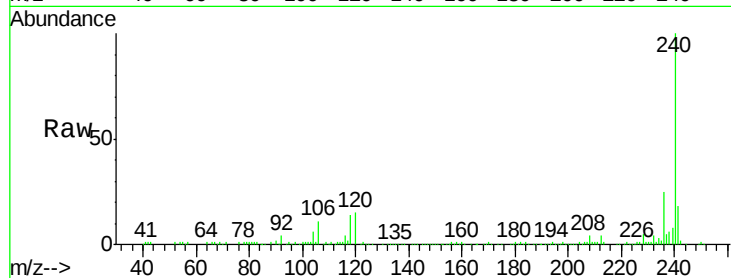
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.35 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BF095698.D
Acq: 6 Jun 2017 4:34

Instrument :
BNA_F
ClientSampleId :
BU-RO-238-060117

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.9	20.5	30.7

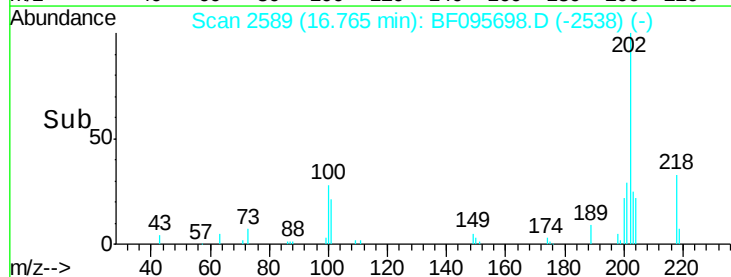
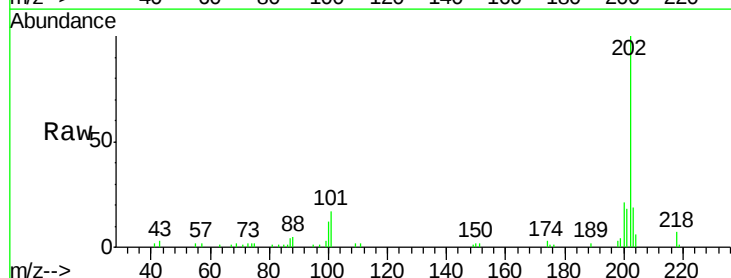
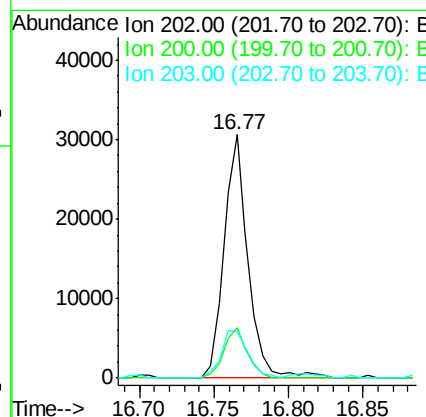
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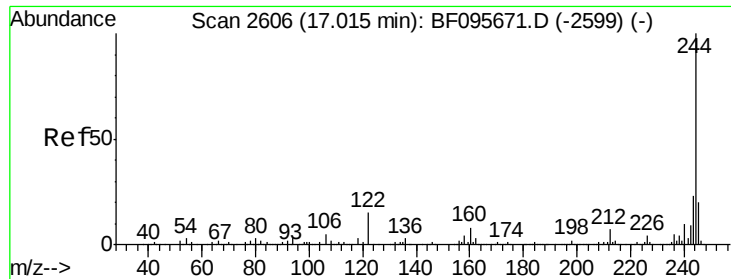
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#77
Pyrene
Concen: 2.669 ng
RT: 16.77 min Scan# 2589
Delta R.T. 0.00 min
Lab File: BF095698.D
Acq: 6 Jun 2017 4:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	19.3	14.4	21.6





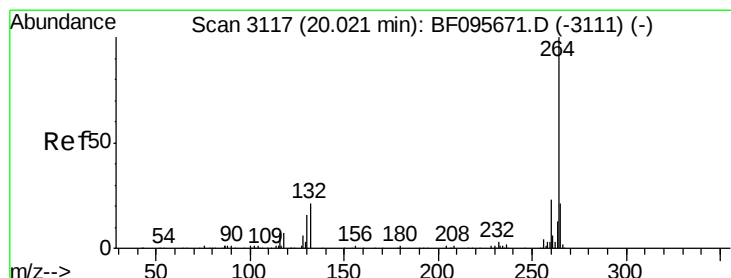
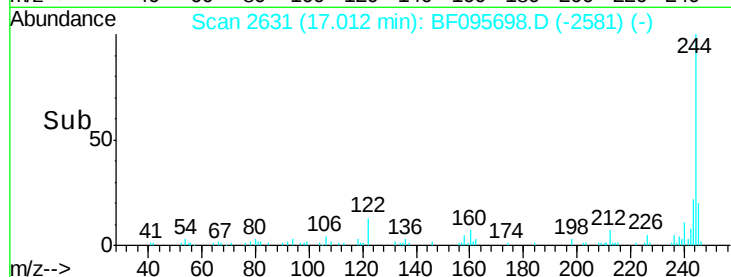
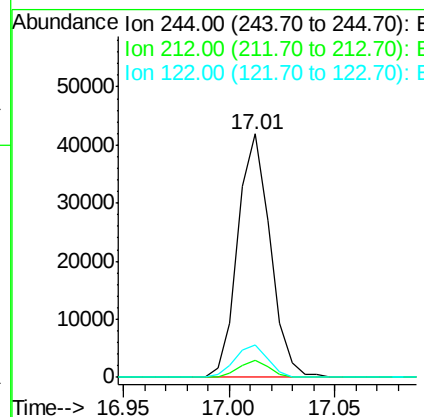
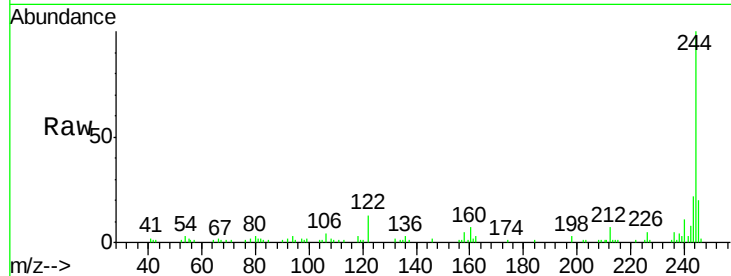
#78
 Terphenyl-d14
 Concen: 6.350 ng
 RT: 17.01 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BF095698.D
 Acq: 6 Jun 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-238-060117

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	44284		
212	7.3	6.0	9.0	
122	13.3	10.3	15.5	

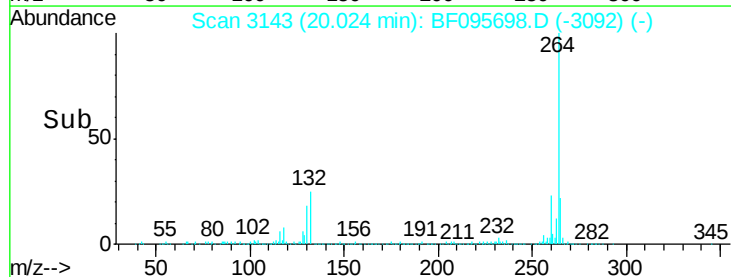
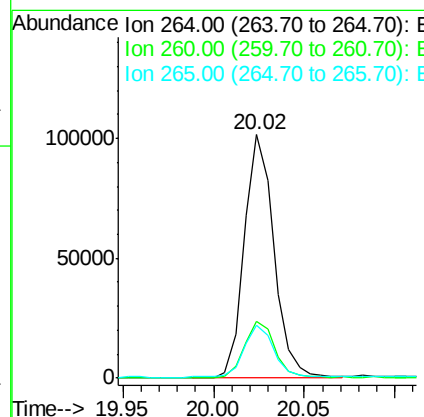
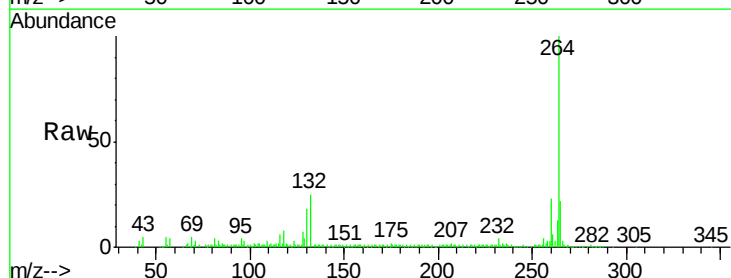
Manual Integrations
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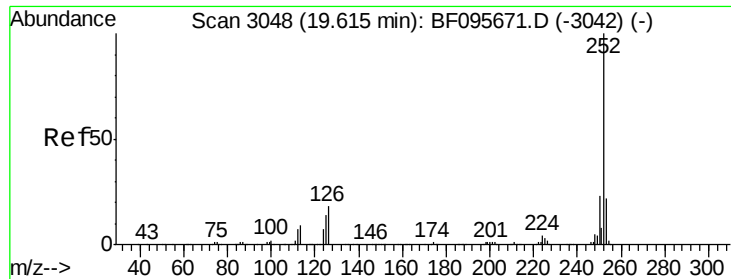
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.02 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BF095698.D
 Acq: 6 Jun 2017 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	115743		
260	23.3	19.5	29.3	
265	22.0	17.2	25.8	





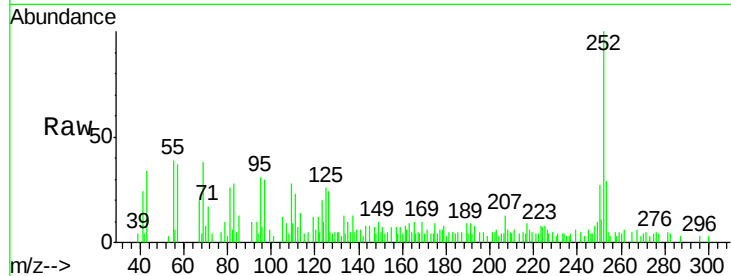
#87
 Benzo(b)fluoranthene
 Concen: 2.055 ng m
 RT: 19.63 min Scan# 3076
 Delta R.T. 0.01 min
 Lab File: BF095698.D
 Acq: 6 Jun 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-238-060117

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.1	27.1#
125	26.1	9.8	14.8#

Manual Integrations
 APPROVED

mohammad
 6/6/2017 5:13:16 PM



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

