

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096442.D
 Acq On : 3 Jul 2017 15:42
 Operator : SJ/MA
 Sample : I3882-11RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G56-0-1.5RE

Manual Integrations
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Quant Time: Jul 04 01:25:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	129905	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	529374	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	198432	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	289682	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	264634	20.00	ng	-0.01
86) Perylene-d12	15.28	264	189703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	98345	11.17	ng	-0.02
7) Phenol-d6	6.35	99	166749	15.41	ng	-0.02
23) Nitrobenzene-d5	7.27	82	90736	10.30	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	2336	1.51	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	184569	15.90	ng	-0.02
78) Terphenyl-d14	12.82	244	120288	9.71	ng	-0.02
Target Compounds						
70) Phenanthrene	11.26	178	36003	2.299	ng	99
74) Fluoranthene	12.44	202	55459	3.612	ng	98
77) Pyrene	12.67	202	53595	2.523	ng	97
87) Benzo(b)fluoranthene	14.87	252	26283m	2.211	ng	

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

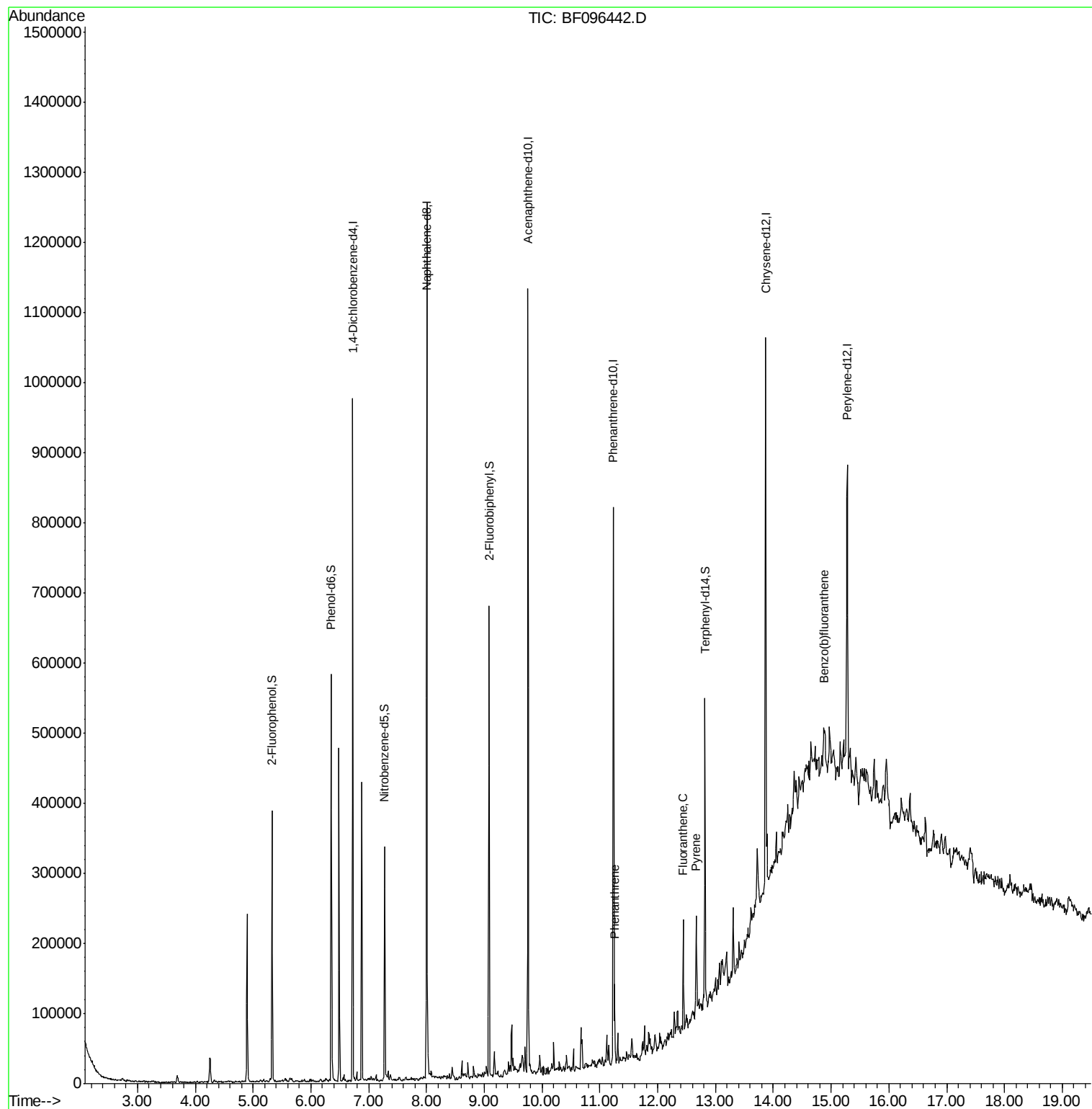
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096442.D
Acq On : 3 Jul 2017 15:42
Operator : SJ/MA
Sample : I3882-11RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

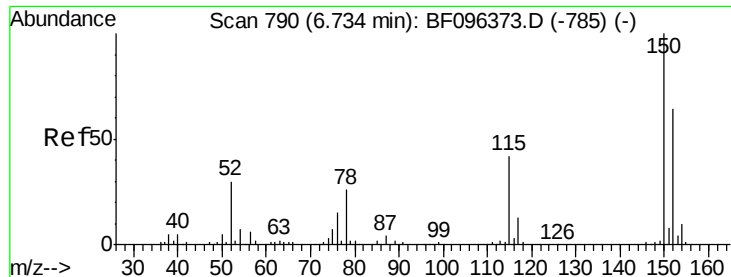
Instrument :
BNA_F
ClientSampleId :
G56-0-1.5RE

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Quant Time: Jul 04 01:25:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration





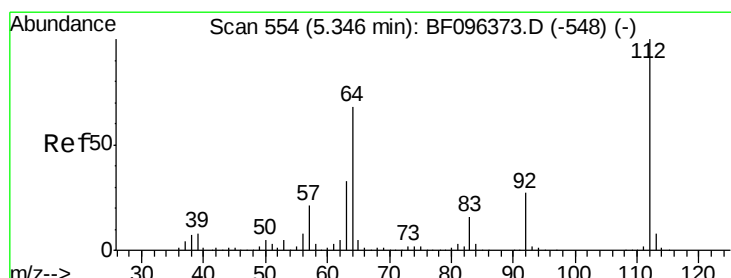
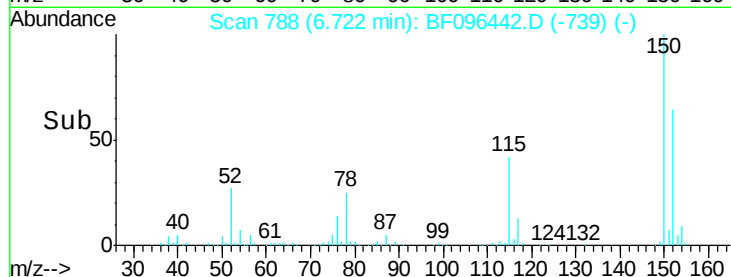
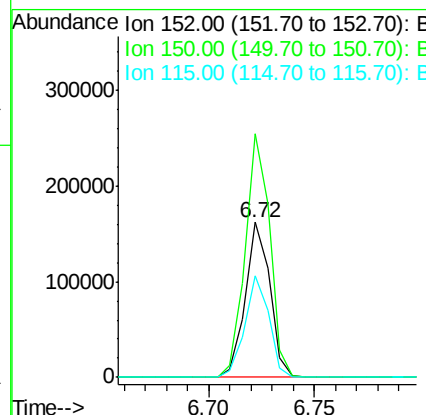
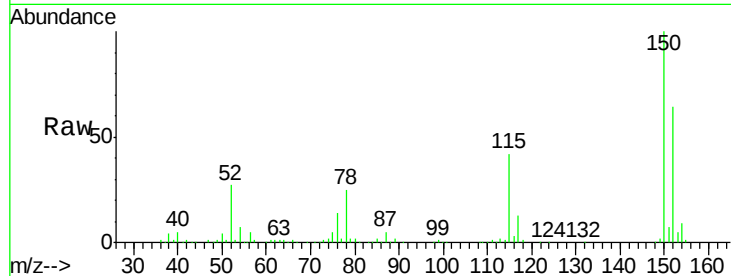
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF096442.D
 Acq: 3 Jul 2017 15:42

Instrument :
 BNA_F
 ClientSampleId :
 G56-0-1.5RE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	65.6	52.2	78.2

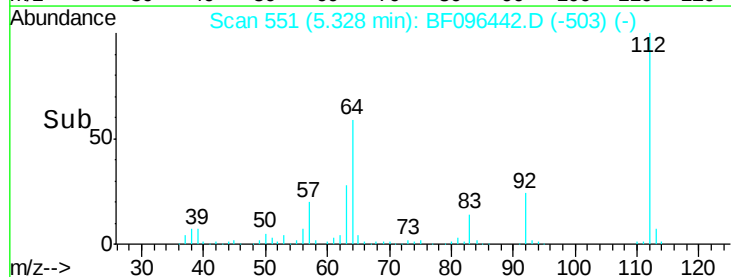
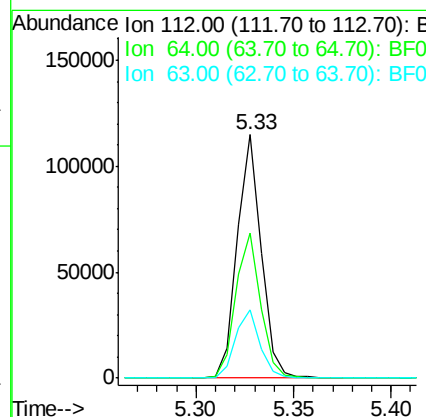
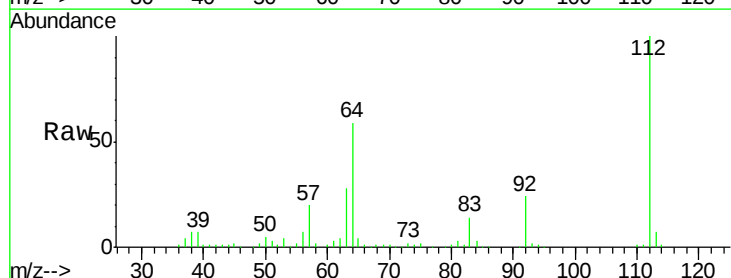
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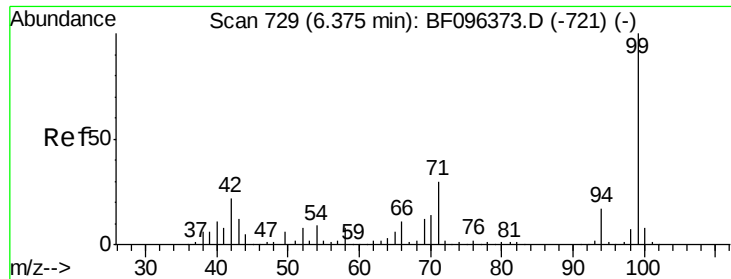
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#5
 2-Fluorophenol
 Concen: 11.174 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF096442.D
 Acq: 3 Jul 2017 15:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.0	69.0
63	28.1	23.4	35.0





#7

Phenol-d6

Concen: 15.411 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF096442.D

Acq: 3 Jul 2017 15:42

Instrument :

BNA_F

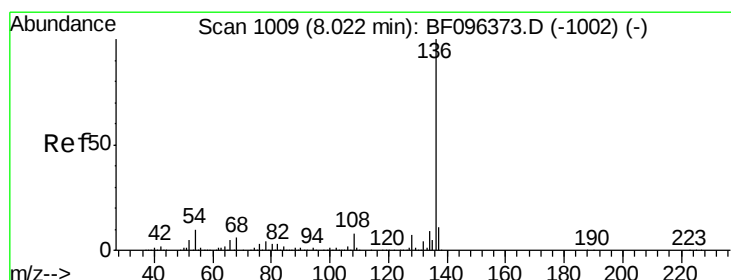
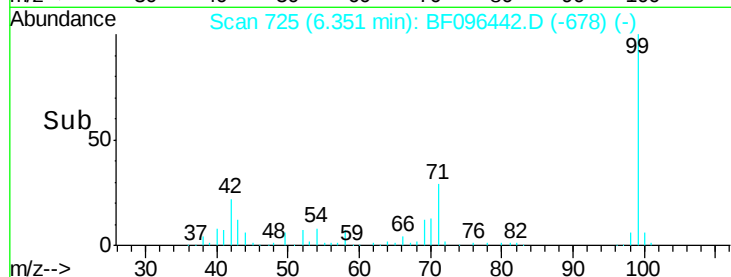
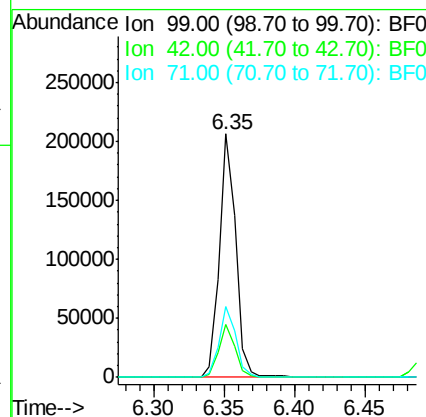
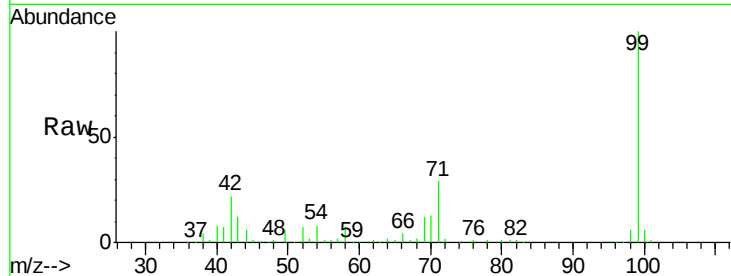
ClientSampleId :

G56-0-1.5RE

Tgt Ion:	99	Resp:	166749
Ion Ratio	Lower	Upper	
99	100		
42	21.8	13.5	20.3#
71	28.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

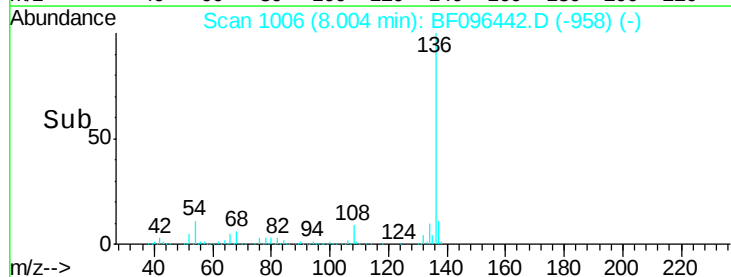
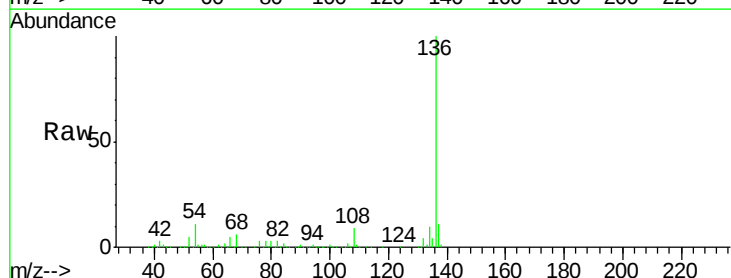
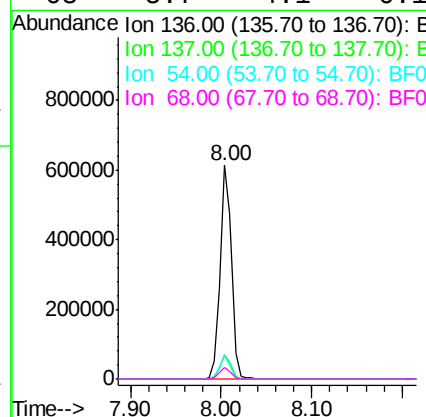
RT: 8.00 min Scan# 1006

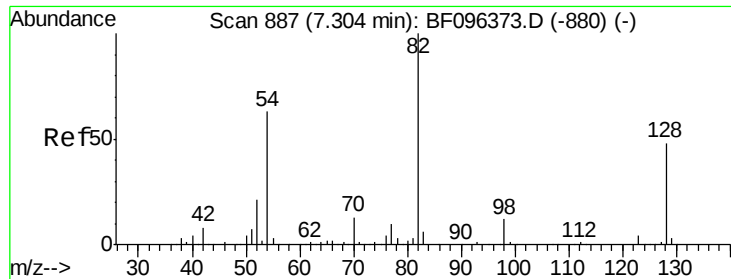
Delta R.T. -0.02 min

Lab File: BF096442.D

Acq: 3 Jul 2017 15:42

Tgt Ion:	136	Resp:	529374
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	11.0	4.9	7.3#
68	5.7	4.1	6.1





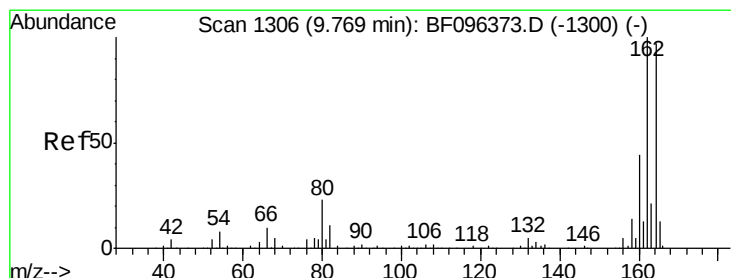
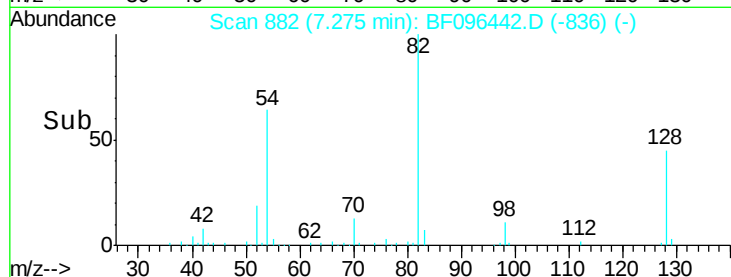
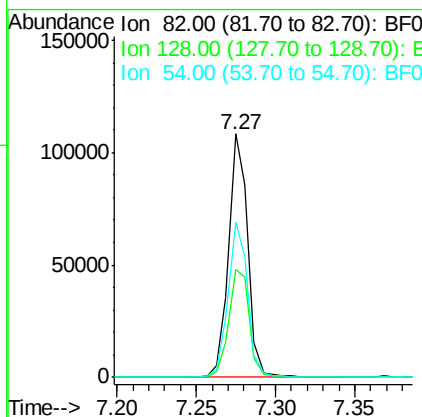
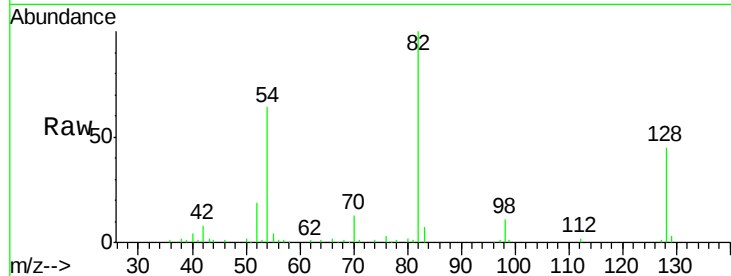
#23
Nitrobenzene-d5
Concen: 10.300 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096442.D
Acq: 3 Jul 2017 15:42

Instrument :
BNA_F
ClientSampleId :
G56-0-1.5RE

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	90736		
128	44.6	34.0	51.0	
54	63.9	42.2	63.2	

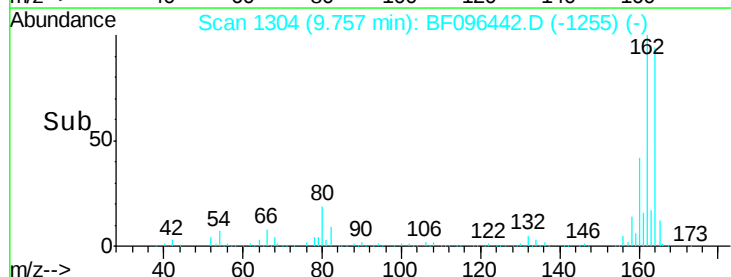
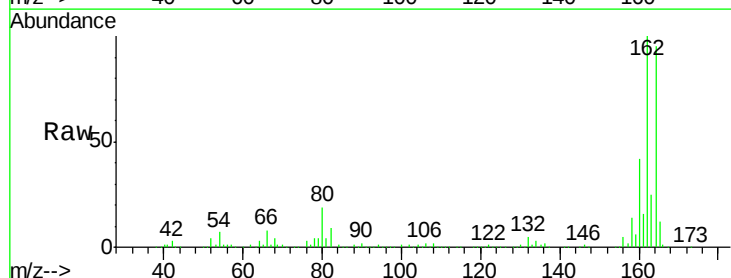
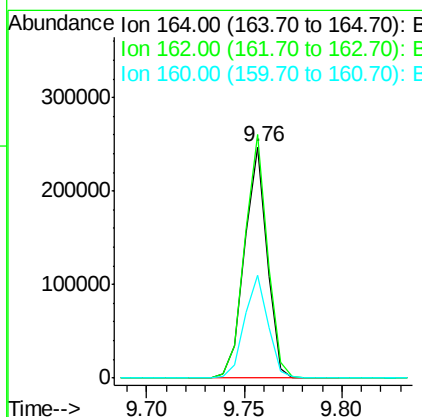
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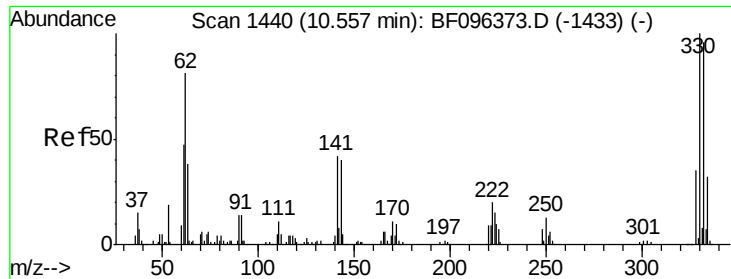
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096442.D
Acq: 3 Jul 2017 15:42

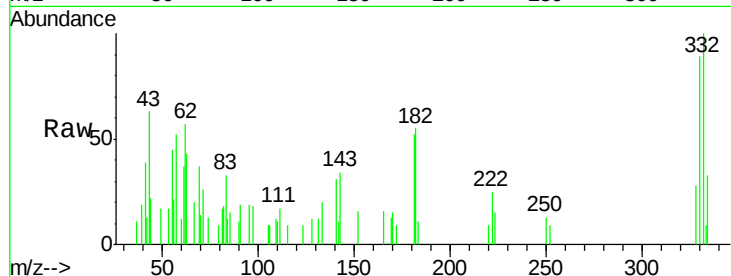
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	198432		
162	105.4	82.6	123.8	
160	44.4	36.2	54.2	





#41
 2,4,6-Tribromophenol
 Concen: 1.507 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096442.D
 Acq: 3 Jul 2017 15:42

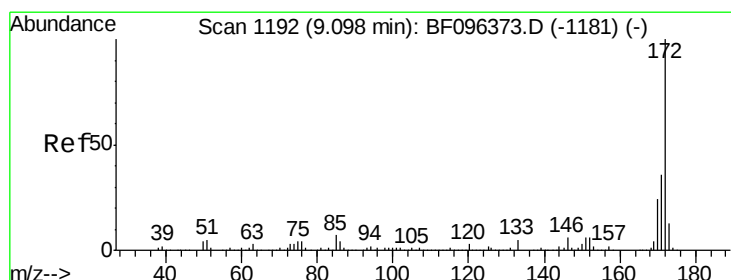
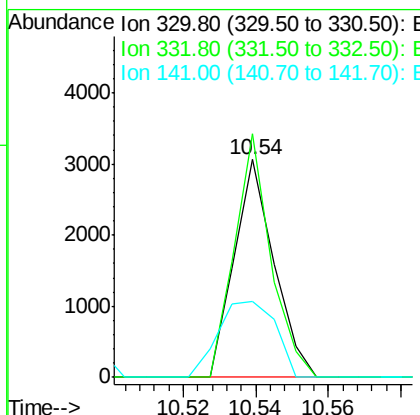
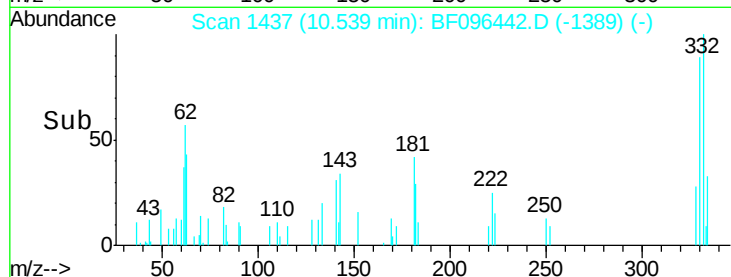
Instrument :
 BNA_F
 ClientSampleId :
 G56-0-1.5RE



Tgt Ion: 330 Resp: 2336
 Ion Ratio Lower Upper
 330 100
 332 101.8 76.6 115.0
 141 50.1 31.4 47.2#

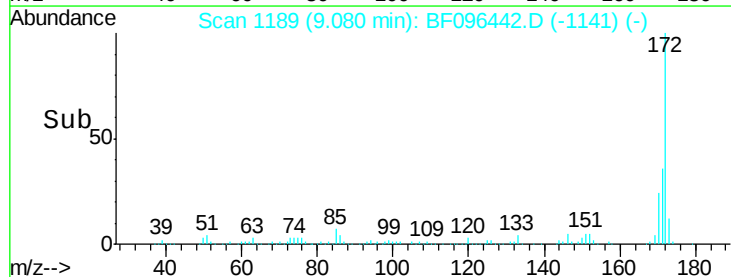
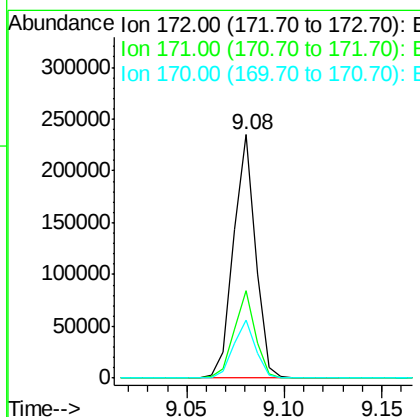
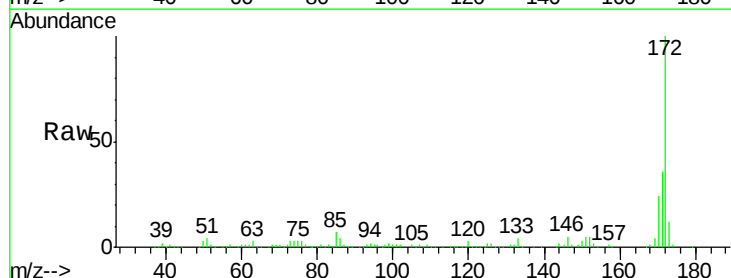
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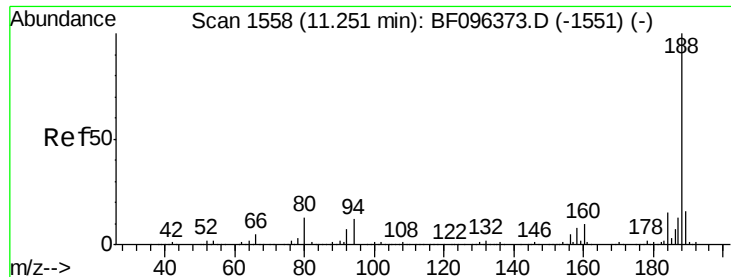
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#44
 2-Fluorobiphenyl
 Concen: 15.903 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096442.D
 Acq: 3 Jul 2017 15:42

Tgt Ion: 172 Resp: 184569
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.7 19.8 29.8





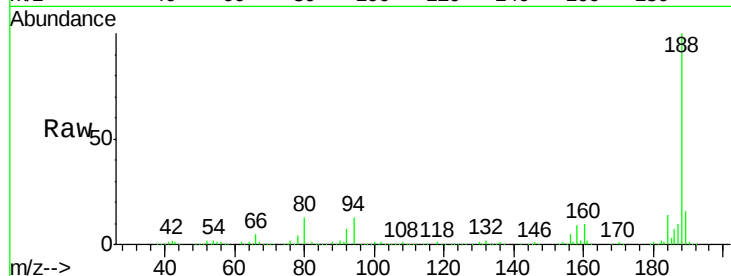
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF096442.D
Acq: 3 Jul 2017 15:42

Instrument :
BNA_F
ClientSampleId :
G56-0-1.5RE

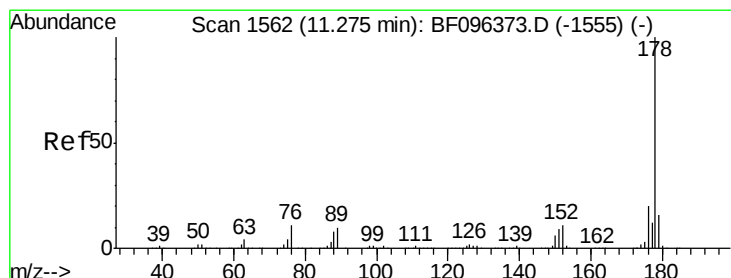
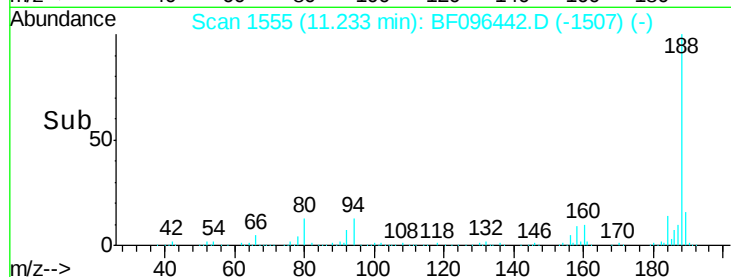
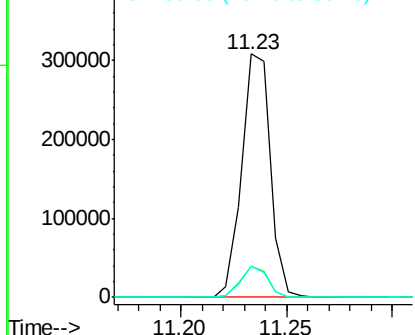
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.0	9.4	14.2
80	13.0	10.2	15.2

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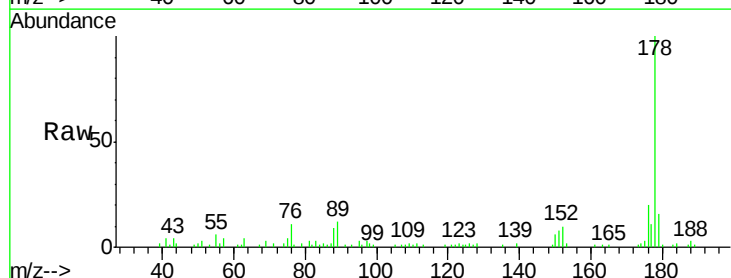


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

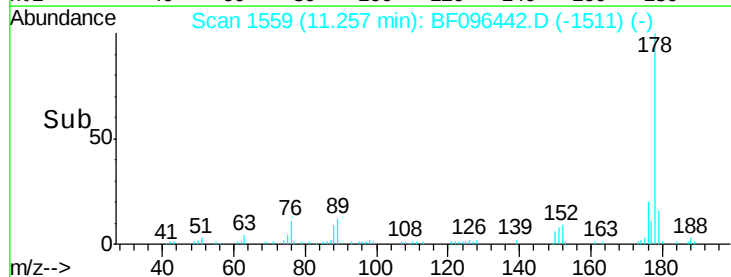
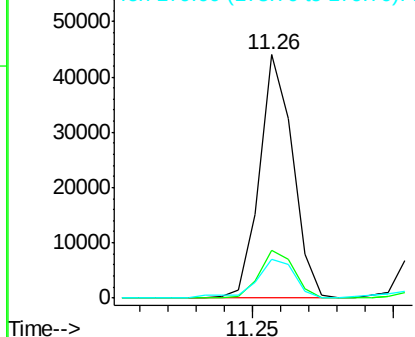


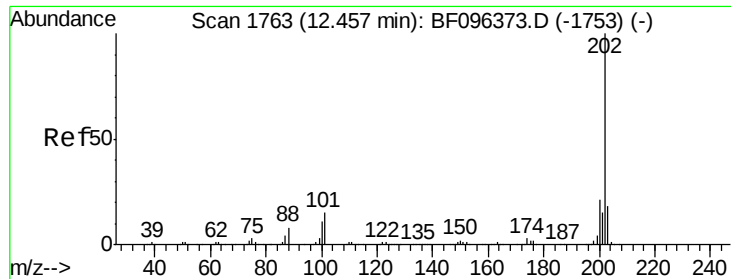
#70
Phenanthrene
Concen: 2.299 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF096442.D
Acq: 3 Jul 2017 15:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.8	16.2	24.4
179	15.8	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.612 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF096442.D

Acq: 3 Jul 2017 15:42

Instrument :

BNA_F

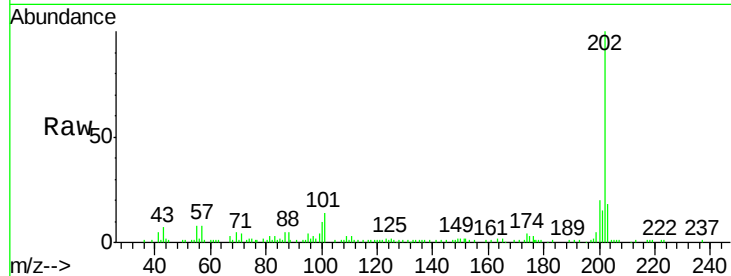
ClientSampleId :

G56-0-1.5RE

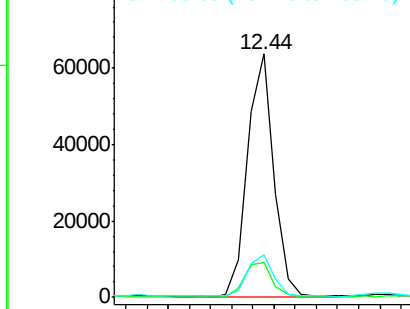
Tgt Ion:	202	Resp:	55459
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	33.2
203	17.7	0.0	38.1

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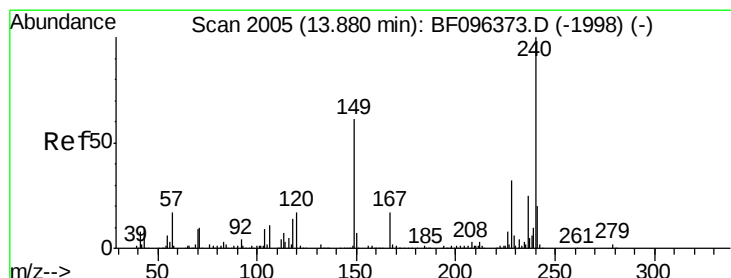
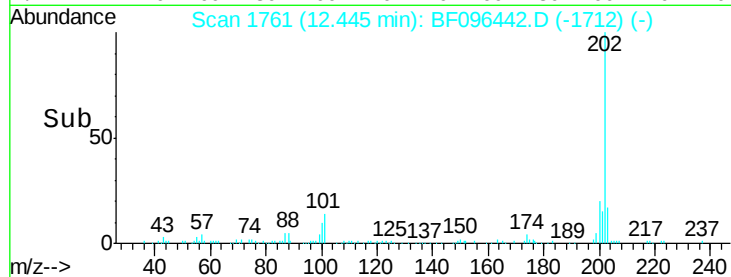
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

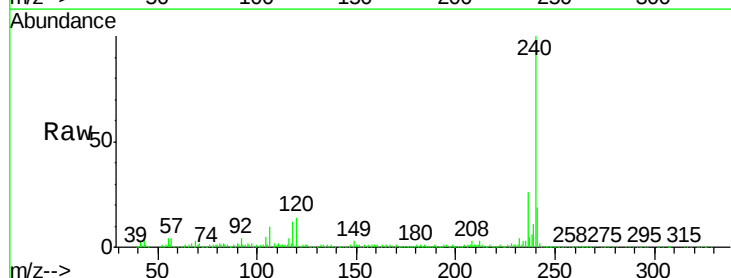
RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

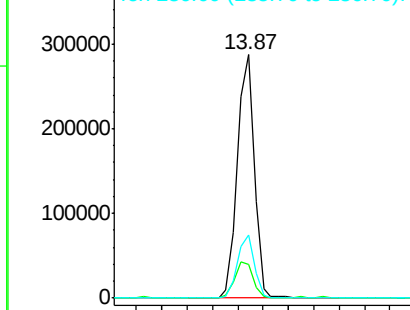
Lab File: BF096442.D

Acq: 3 Jul 2017 15:42

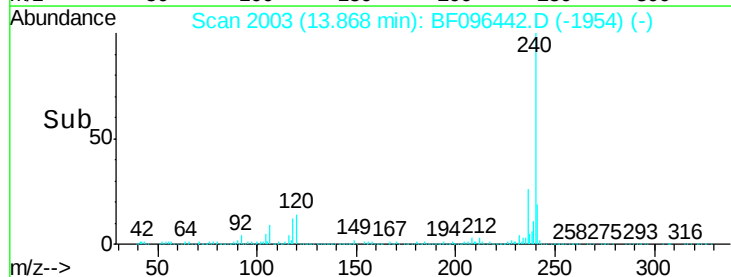
Tgt Ion:	240	Resp:	264634
Ion Ratio	Lower	Upper	
240	100		
120	13.8	5.8	8.8#
236	25.7	20.5	30.7

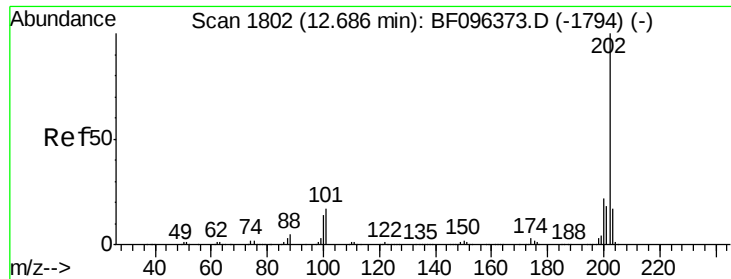


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Pyrene

Concen: 2.523 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF096442.D

Acq: 3 Jul 2017 15:42

Instrument :

BNA_F

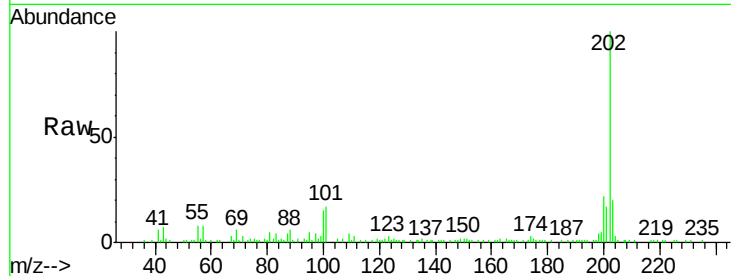
ClientSampleId :

G56-0-1.5RE

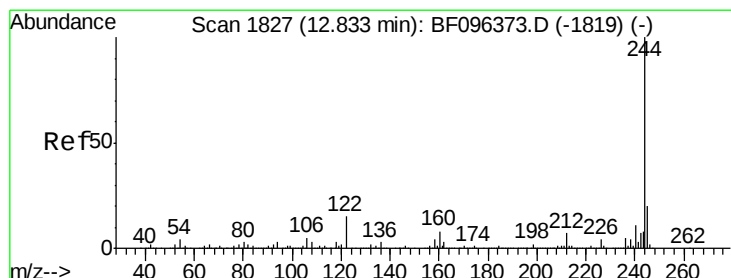
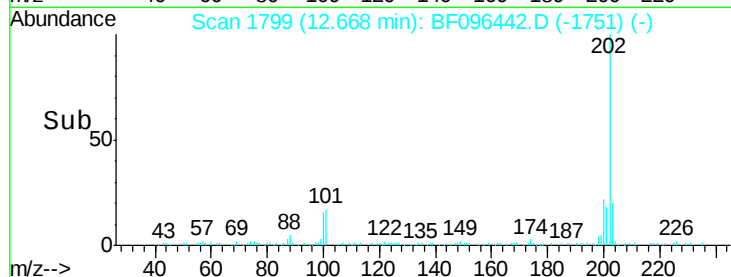
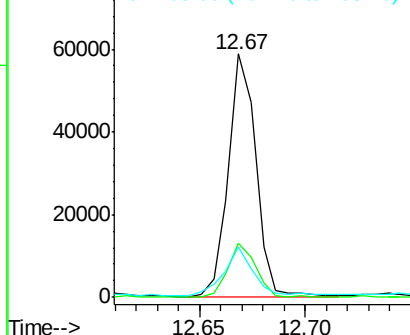
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	53595		
200	22.2	17.6	26.4	
203	20.5	14.4	21.6	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 9.713 ng

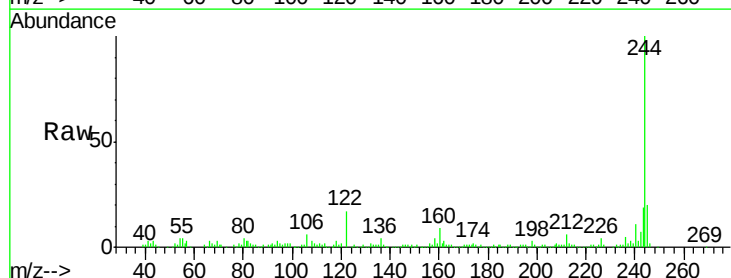
RT: 12.82 min Scan# 1824

Delta R.T. -0.02 min

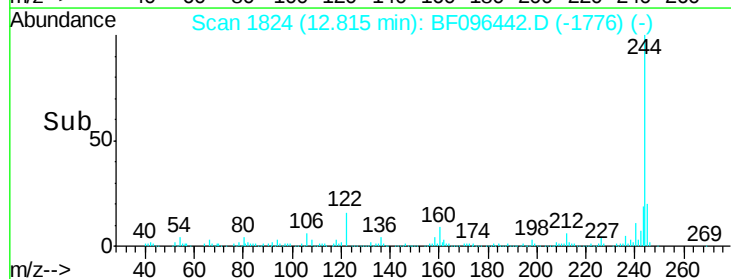
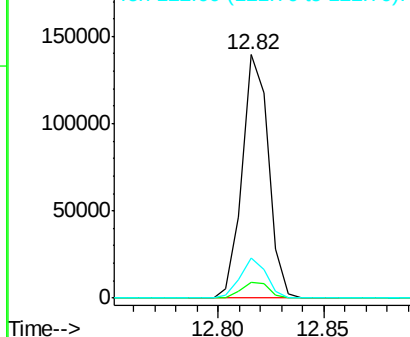
Lab File: BF096442.D

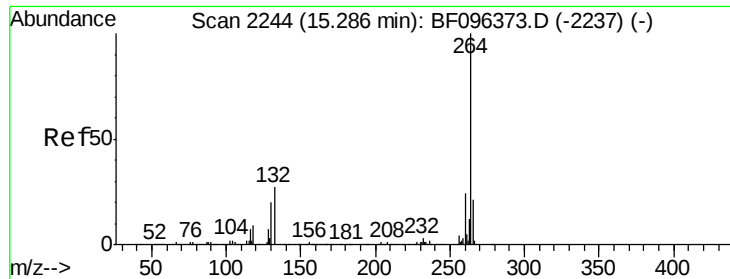
Acq: 3 Jul 2017 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	120288		
212	6.5	6.0	9.0	
122	16.5	10.3	15.5	



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





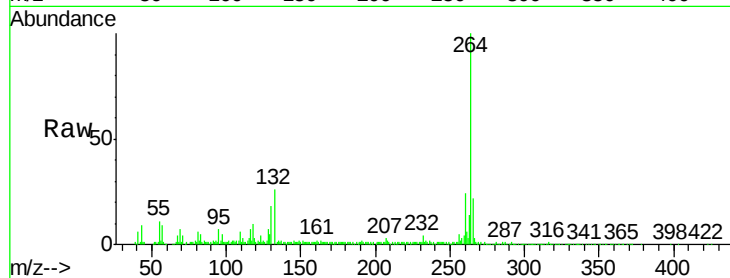
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096442.D
Acq: 3 Jul 2017 15:42

Instrument :
BNA_F
ClientSampleId :
G56-0-1.5RE

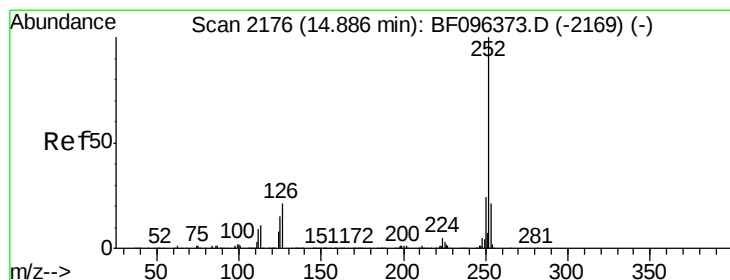
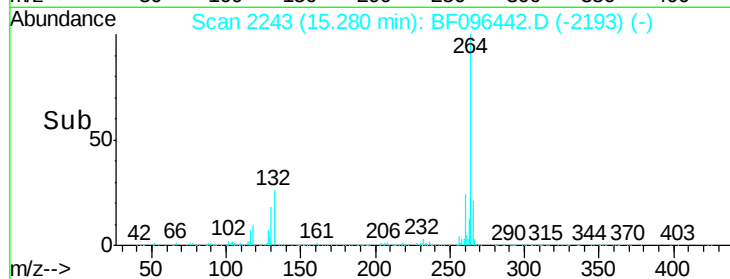
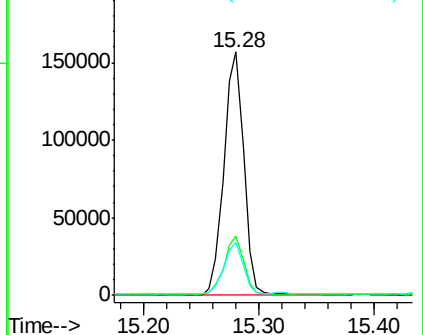
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.8	17.2	25.8

Manual Integrations
APPROVED

mohammad
7/5/2017 11:41:22 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 2.211 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF096442.D
Acq: 3 Jul 2017 15:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.1	27.1#
125	33.4	9.8	14.8#

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

