

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096620.D
 Acq On : 11 Jul 2017 00:06
 Operator : SJ/JU
 Sample : I4084-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP11-MH2111-COMP

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Quant Time: Jul 11 08:18:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	125965	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	512546	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	212742	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	295791	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	247648	20.00	ng	-0.02
86) Perylene-d12	15.22	264	244515	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	732691	85.85	ng	-0.01
7) Phenol-d6	6.32	99	888106	84.65	ng	-0.02
23) Nitrobenzene-d5	7.25	82	522932	61.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	139311	83.83	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	735871	59.14	ng	-0.02
78) Terphenyl-d14	12.77	244	450424	38.86	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.43	163	139326	8.77	ng	99
70) Phenanthrene	11.22	178	35478	2.22	ng	96
74) Fluoranthene	12.40	202	56297	3.59	ng	97
77) Pyrene	12.62	202	44190	2.22	ng	97
80) Benzo(a)anthracene	13.81	228	29057	2.03	ng	97

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

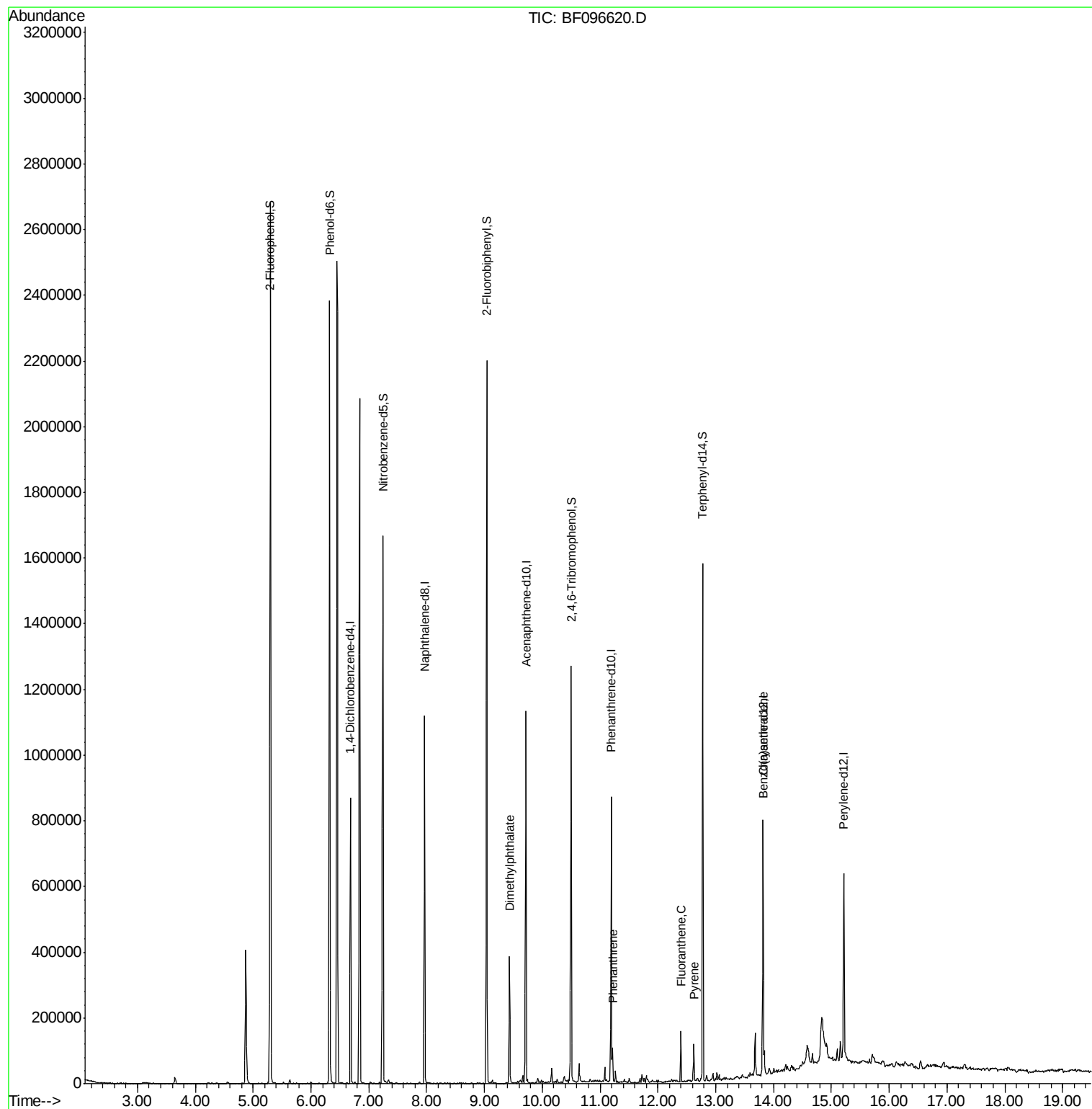
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096620.D
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ALS Vial : 18 Sample Multiplier: 1

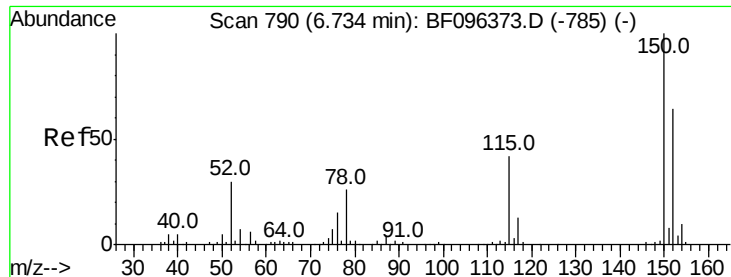
Instrument :
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TP11-MH2111-COMP

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Quant Time: Jul 11 08:18:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration





#1

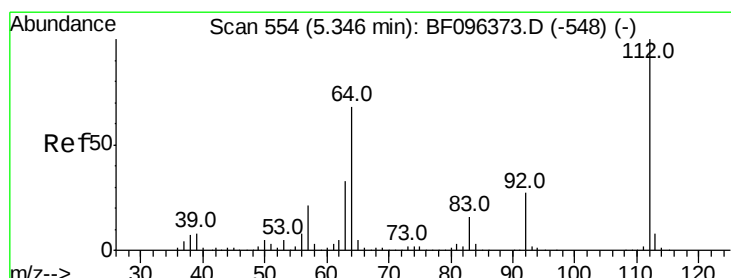
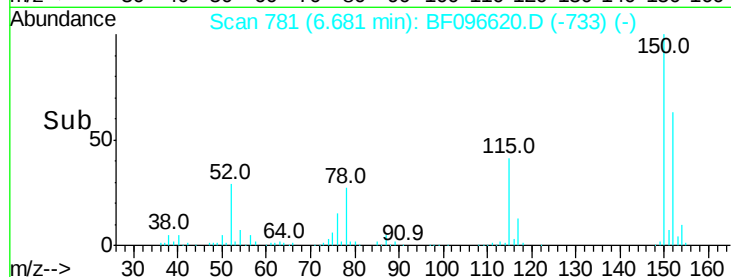
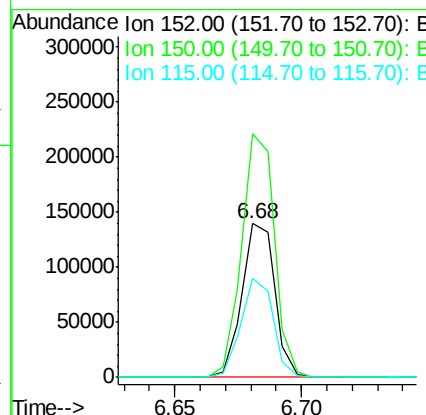
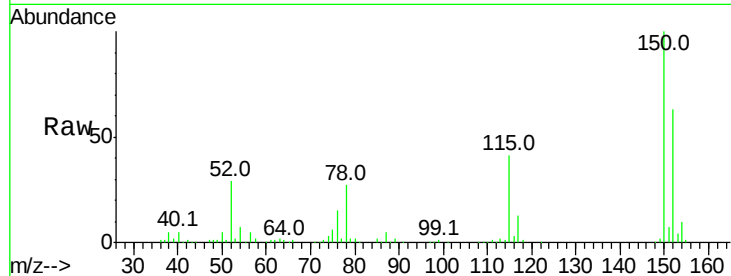
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :
TP11-MH2111-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	64.7	52.2	78.2

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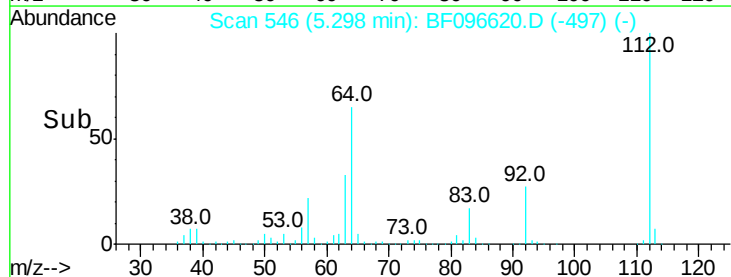
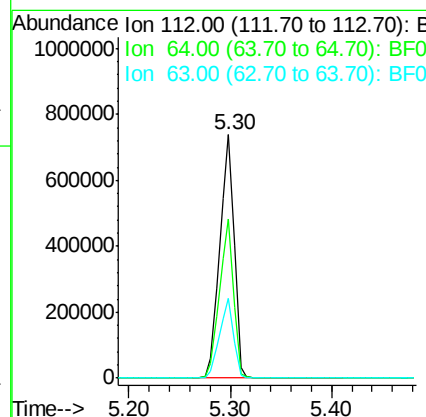
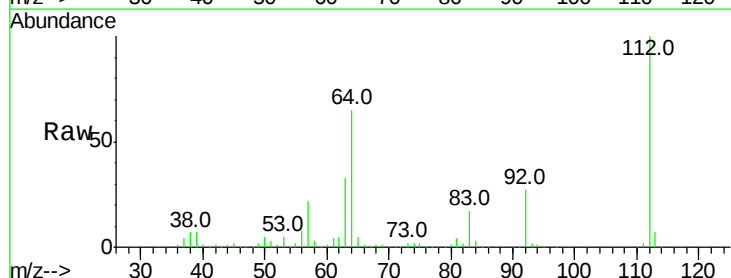
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#5

2-Fluorophenol
Concen: 85.85 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.0	69.0
63	33.0	23.4	35.0





#7

Phenol-d6

Concen: 84.65 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096620.D

Acq: 11 Jul 2017 00:06

Instrument :

BNA_F

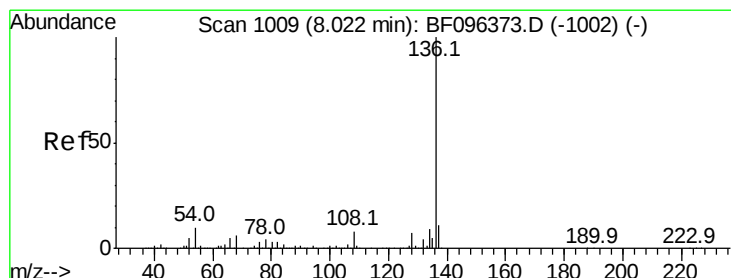
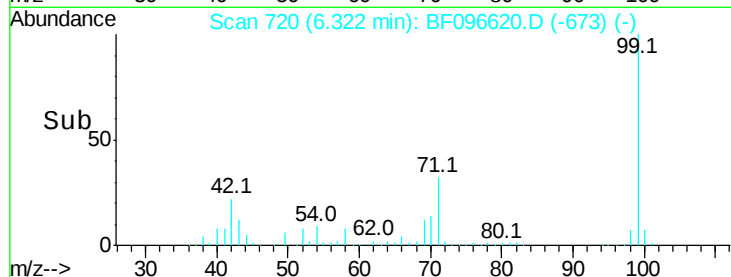
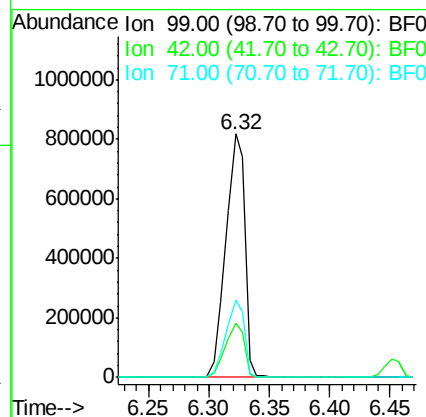
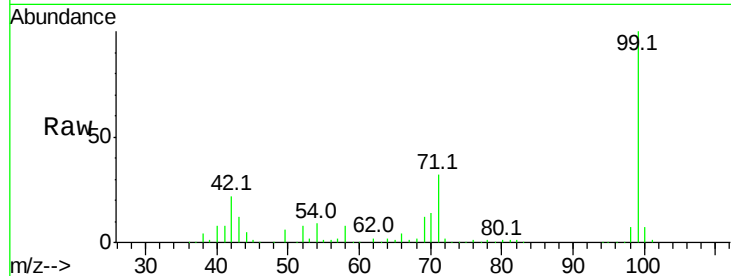
ClientSampleId :

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Tot Ion:	99	Resp:	888106
Ion Ratio	Lower	Upper	
99	100		
42	22.4	13.5	20.3#
71	31.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

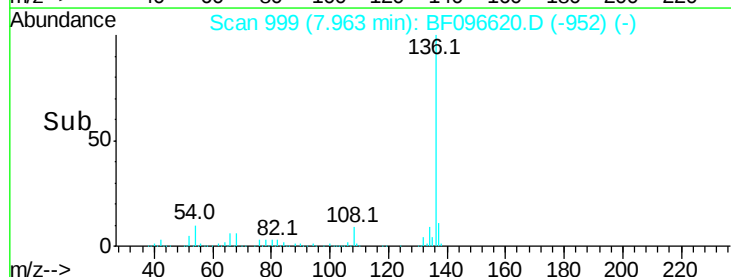
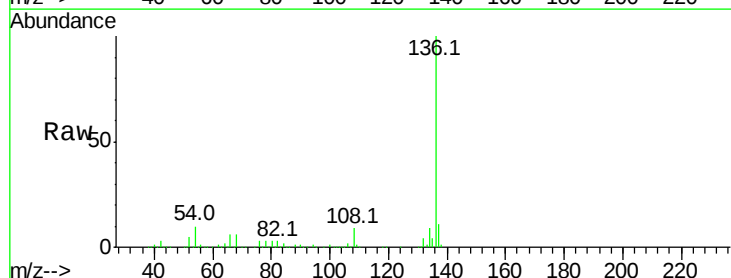
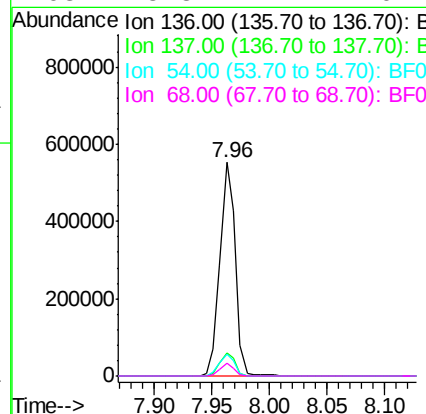
RT: 7.96 min Scan# 999

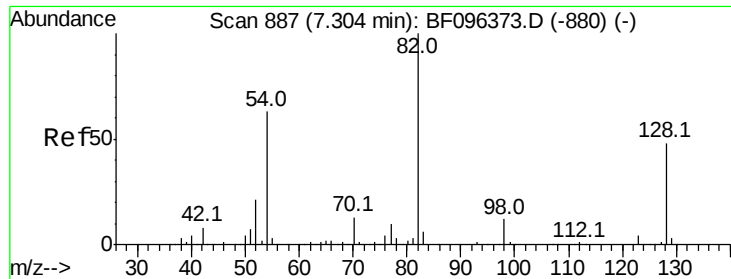
Delta R.T. -0.02 min

Lab File: BF096620.D

Acq: 11 Jul 2017 00:06

Tgt Ion:	136	Resp:	512546
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	10.4	4.9	7.3#
68	5.8	4.1	6.1





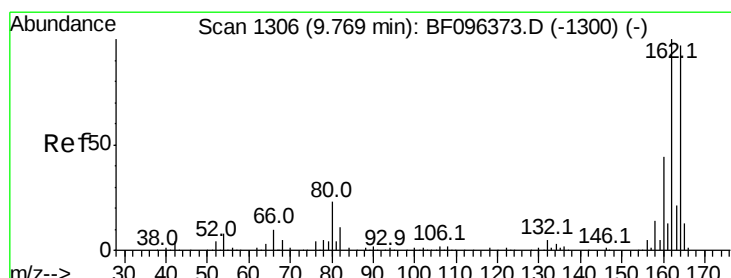
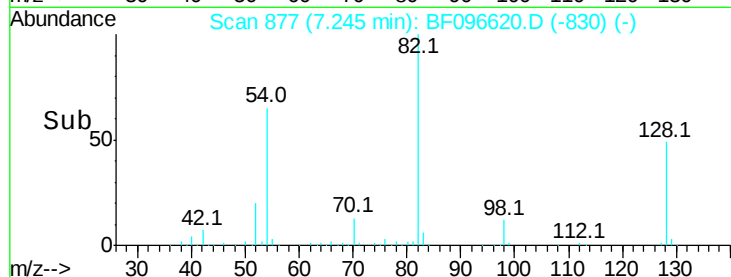
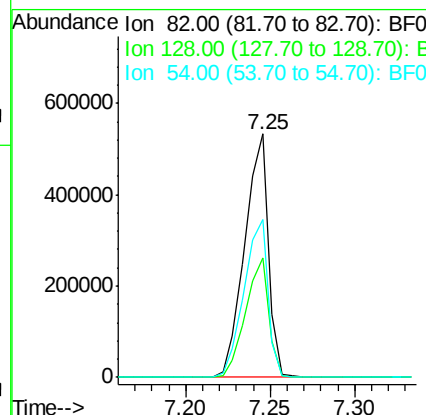
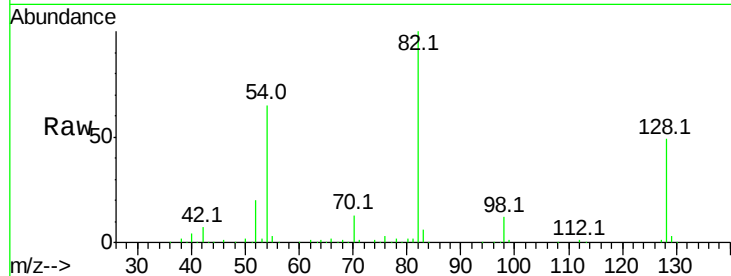
#23
 Nitrobenzene-d5
 Concen: 61.31 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096620.D
 Acq: 11 Jul 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	34.0	51.0
54	65.0	42.2	63.2

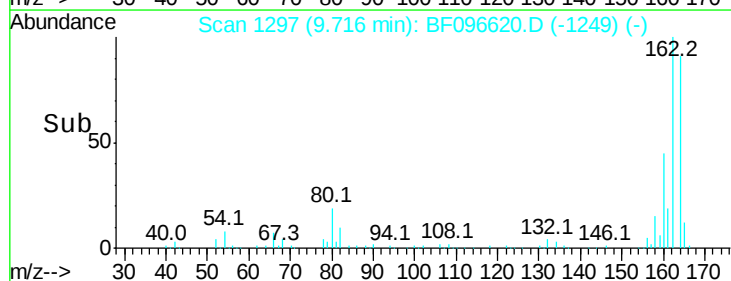
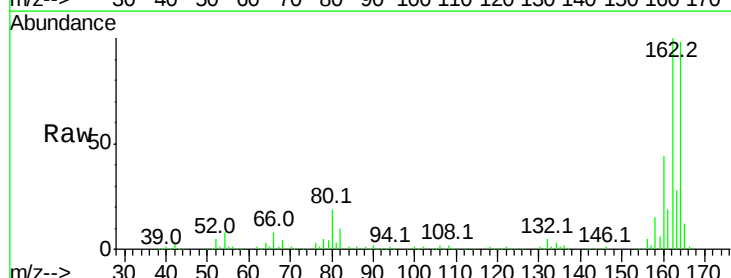
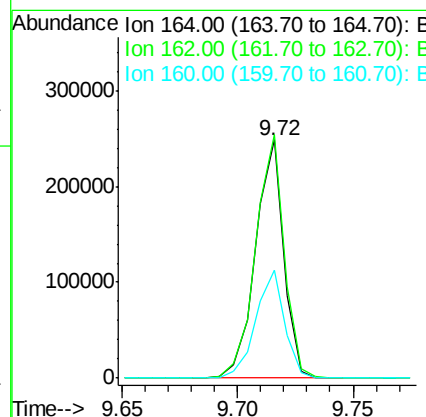
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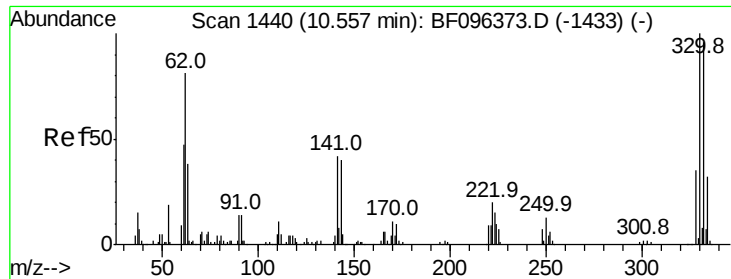
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096620.D
 Acq: 11 Jul 2017 00:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	45.3	36.2	54.2





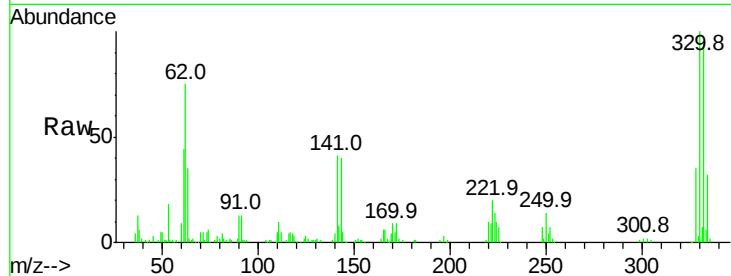
#41
 2,4,6-Tribromophenol
 Concen: 83.83 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096620.D
 Acq: 11 Jul 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :
 TP11-MH2111-COMP

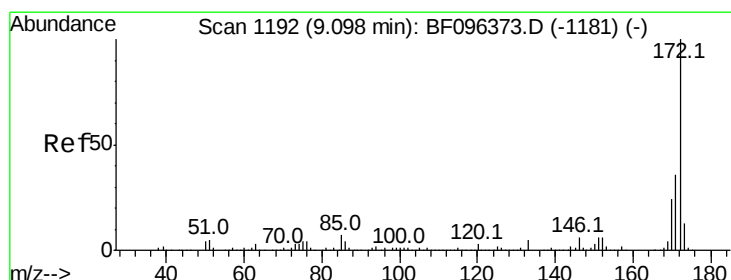
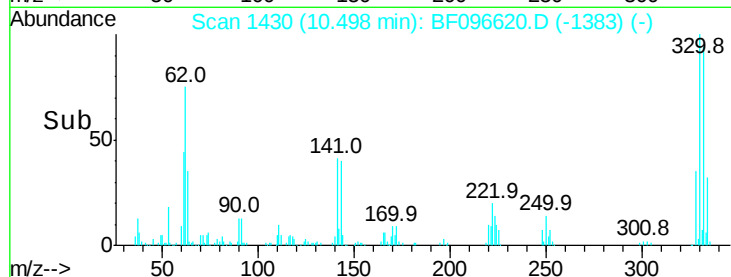
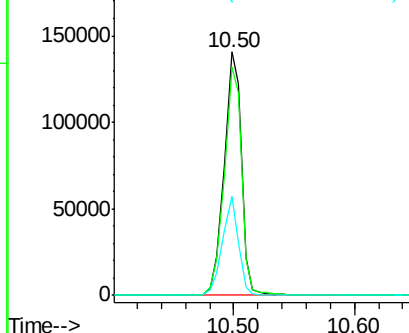
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	37.6	31.4	47.2

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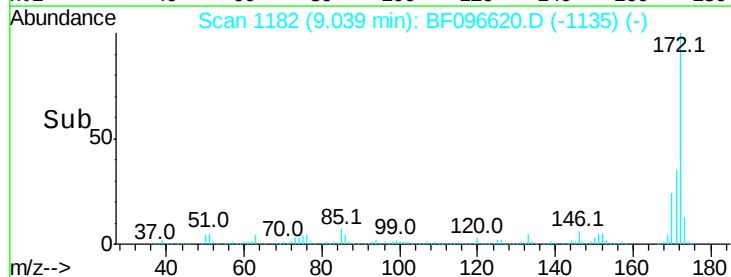
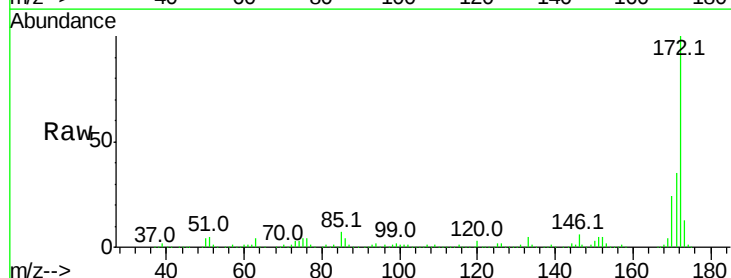
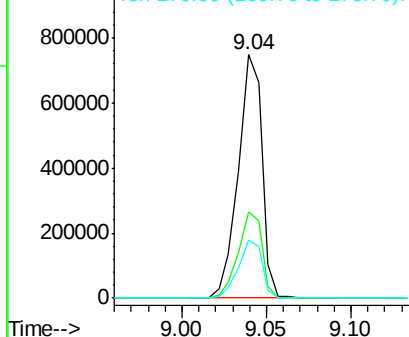
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

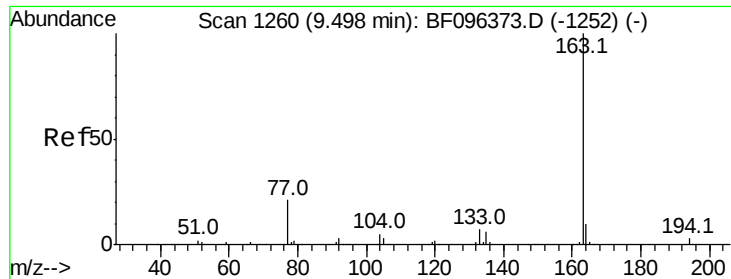


#44
 2-Fluorobiphenyl
 Concen: 59.14 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF096620.D
 Acq: 11 Jul 2017 00:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.6	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





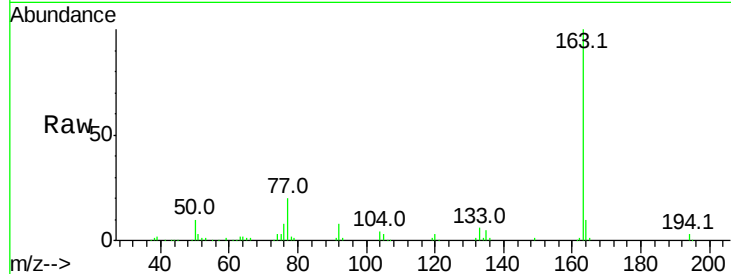
#49
Dimethylphthalate
Concen: 8.77 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :
TP11-MH2111-COMP

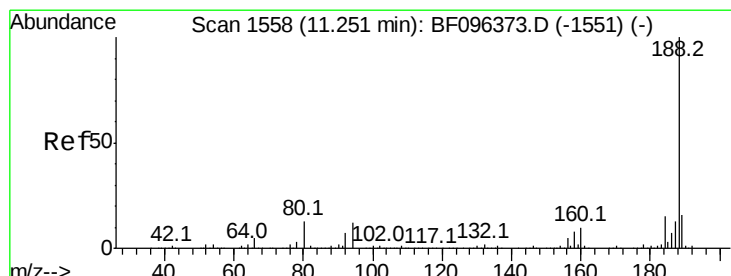
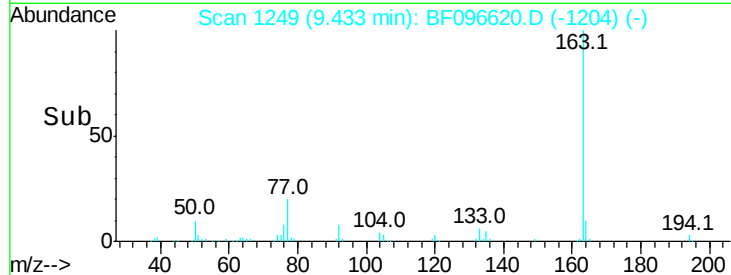
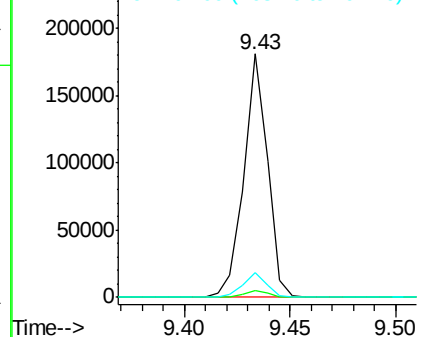
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.0	2.6	4.0	
164	10.1	8.4	12.6	

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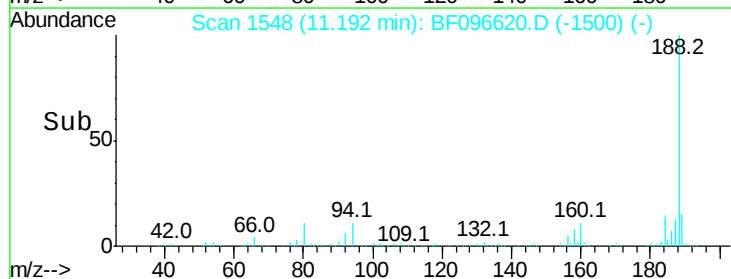
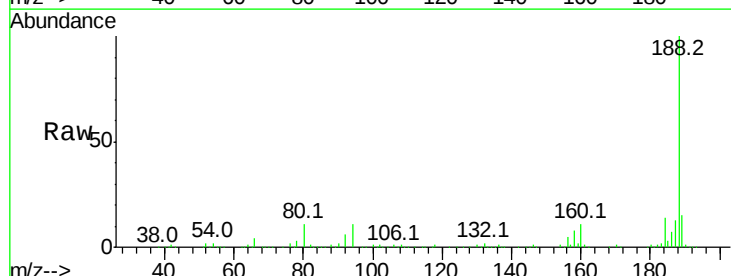
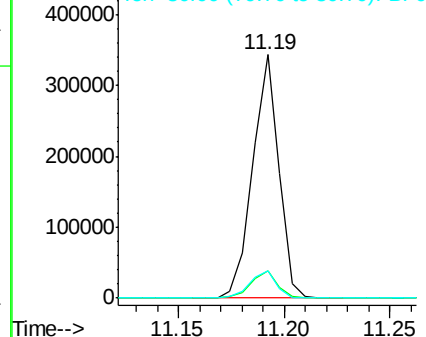
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

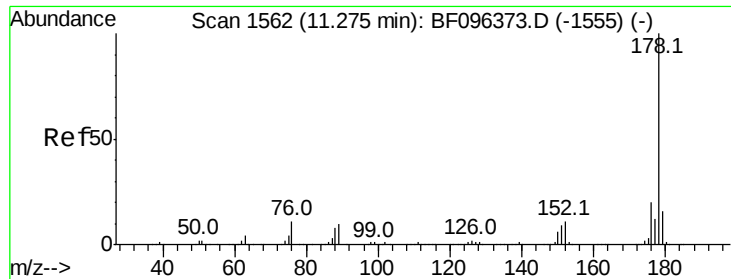


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	9.4	14.2	
80	11.1	10.2	15.2	

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





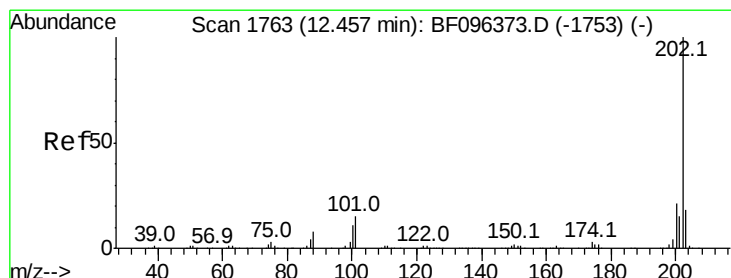
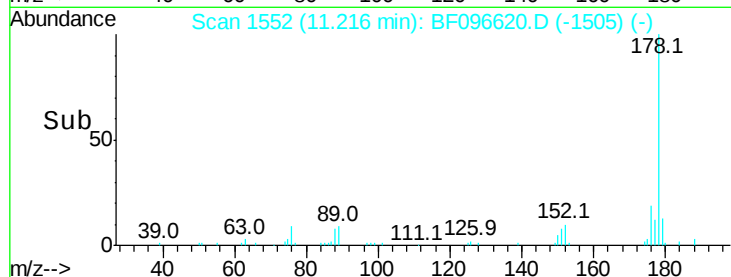
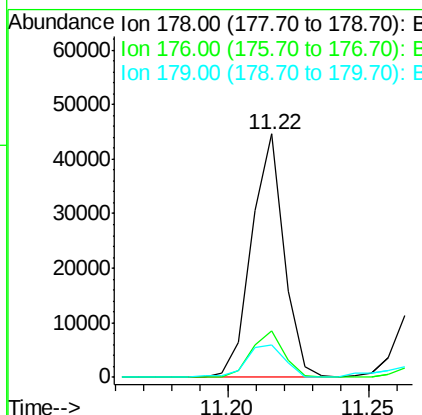
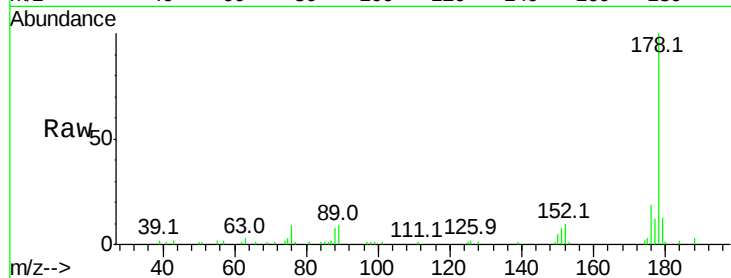
#70
Phenanthrene
Concen: 2.22 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :
TP11-MH2111-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	13.5	12.6	19.0

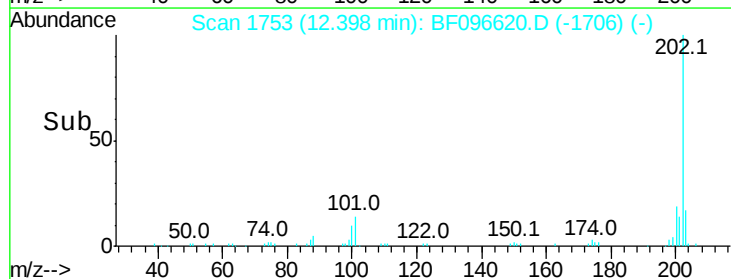
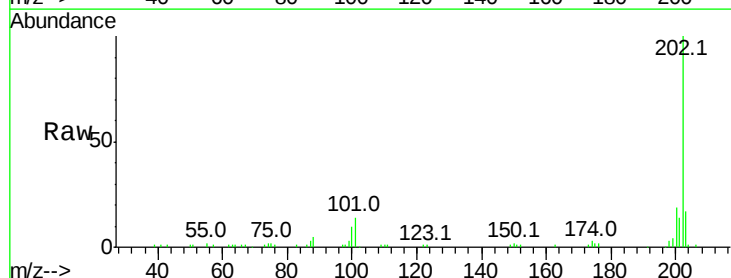
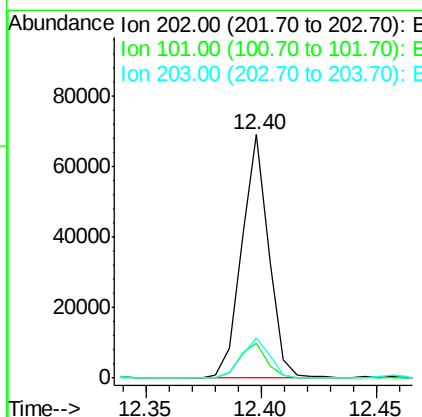
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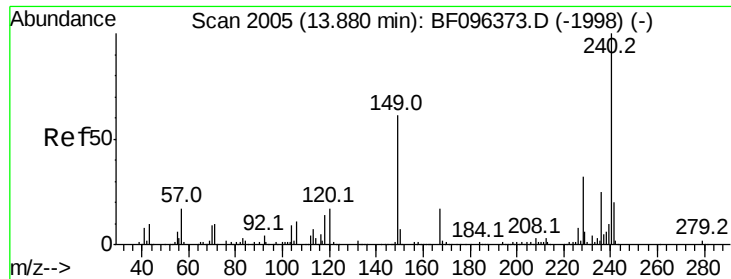
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#74
Fluoranthene
Concen: 3.59 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	16.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096620.D

Acq: 11 Jul 2017 00:06

Instrument :

BNA_F

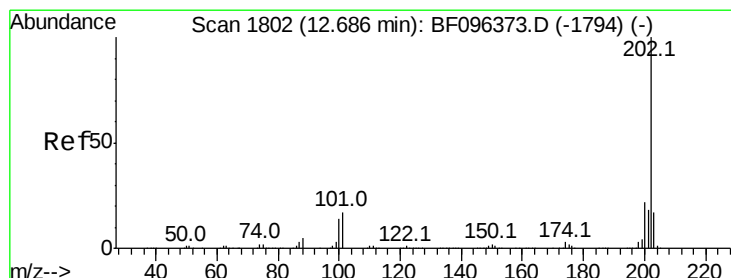
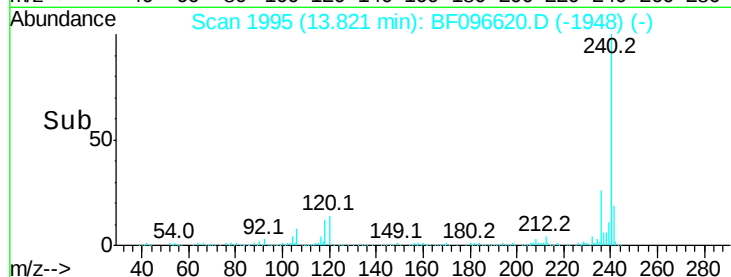
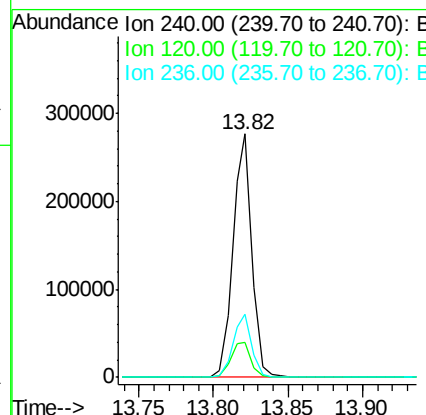
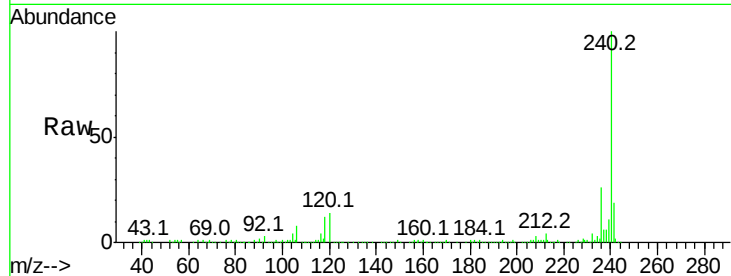
ClientSampleId :

TP11-MH2111-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	25.7	20.5	30.7

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#77

Pyrene

Concen: 2.22 ng

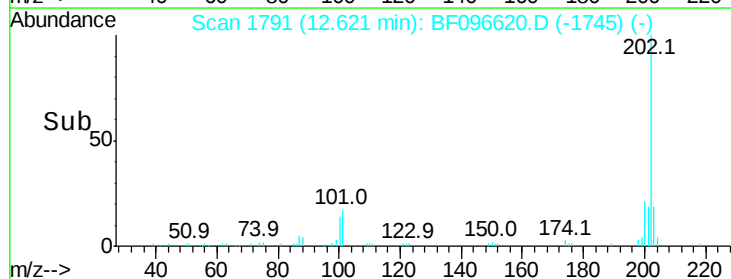
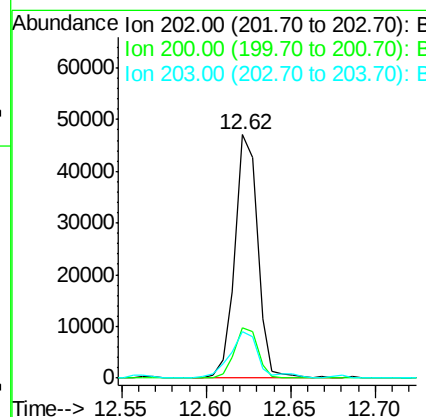
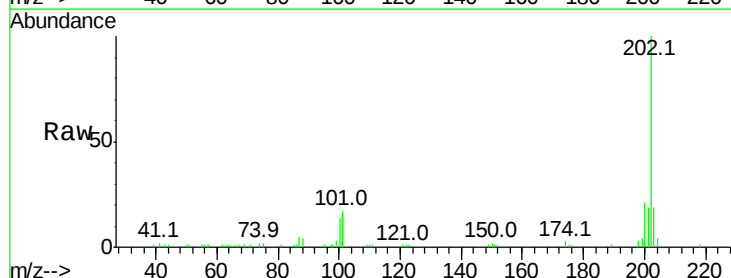
RT: 12.62 min Scan# 1791

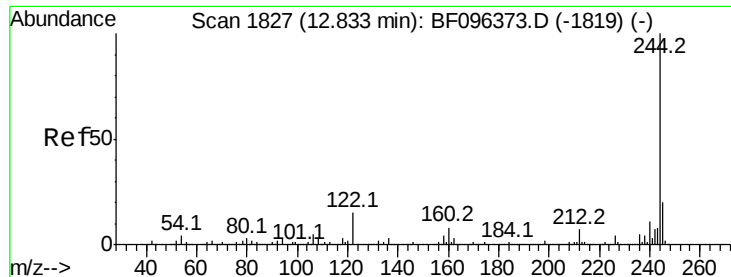
Delta R.T. -0.03 min

Lab File: BF096620.D

Acq: 11 Jul 2017 00:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	19.3	14.4	21.6





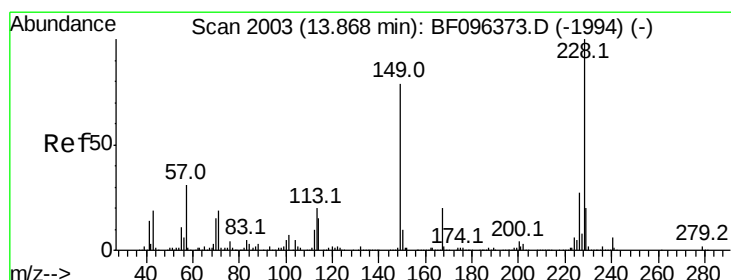
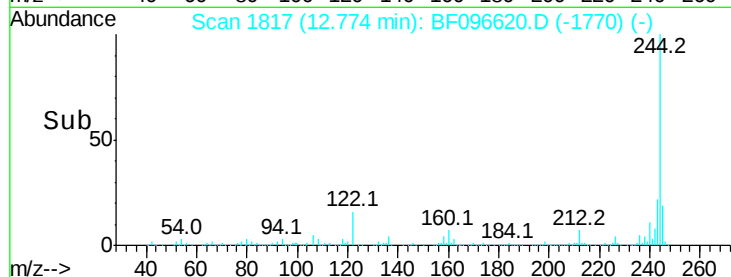
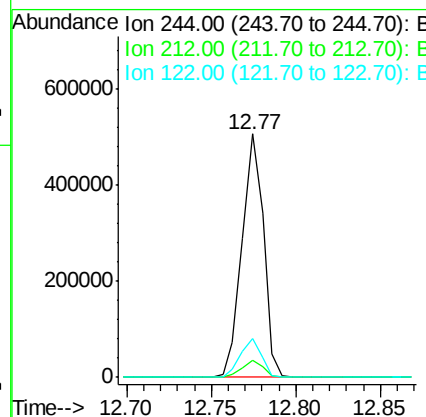
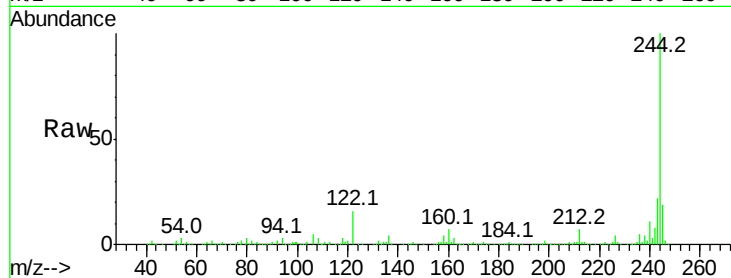
#78
 Terphenyl-d14
 Concen: 38.86 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF096620.D
 Acq: 11 Jul 2017 00:06

Instrument :
 BNA_F
 ClientSampleId :
 TP11-MH2111-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.8	10.3	15.5

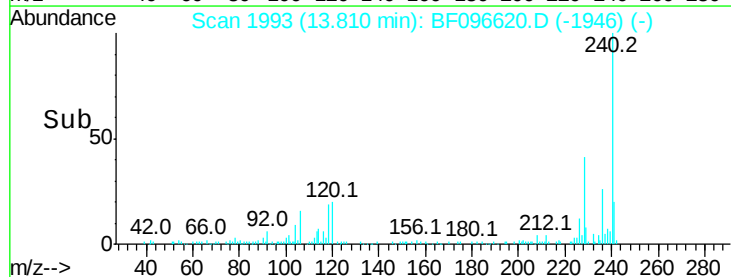
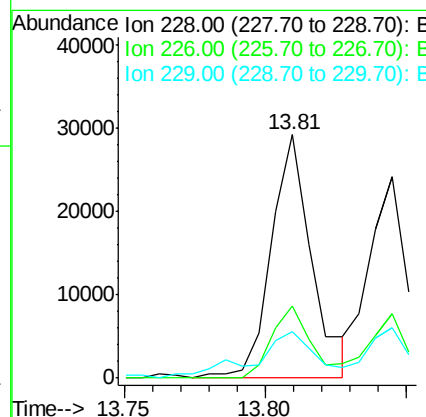
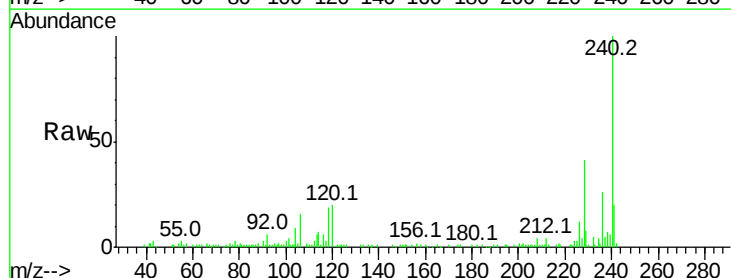
Manual Integrations
 APPROVED

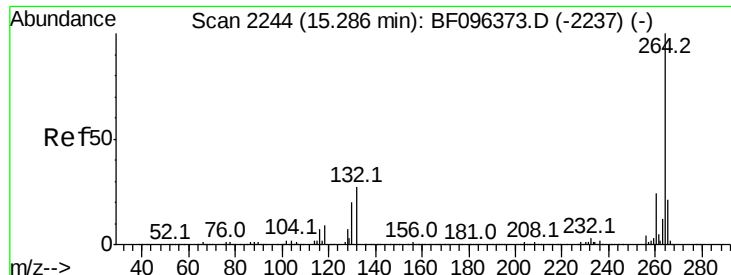
mohammad
 7/11/2017 1:35:28 PM



#80
 Benzo(a)anthracene
 Concen: 2.03 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF096620.D
 Acq: 11 Jul 2017 00:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	18.9	16.3	24.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096620.D
Acq: 11 Jul 2017 00:06

Instrument :
BNA_F
ClientSampleId :
TP11-MH2111-COMP

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.3	19.5	29.3	
265	21.2	17.2	25.8	

Manual Integrations
APPROVED

mohammad
7/11/2017 1:35:28 PM

