

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
 Data File : BF096232.D
 Acq On : 27 Jun 2017 22:39
 Operator : SJ/MA
 Sample : I3851-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-26-1.5-3

Manual Integrations
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 6/30/2017 12:46:50 PM

Quant Time: Jun 28 05:25:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	211344	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	829609	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	295354	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	431926	20.00	ng	0.00
75) Chrysene-d12	13.92	240	372765	20.00	ng	0.00
86) Perylene-d12	15.35	264	247774	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	114527	7.81	ng	0.00
7) Phenol-d6	6.40	99	138281	7.78	ng	0.00
23) Nitrobenzene-d5	7.33	82	65572	5.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	14747	6.34	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	127993	7.94	ng	-0.02
78) Terphenyl-d14	12.87	244	79106	5.30	ng	0.00

Target Compounds Qvalue

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

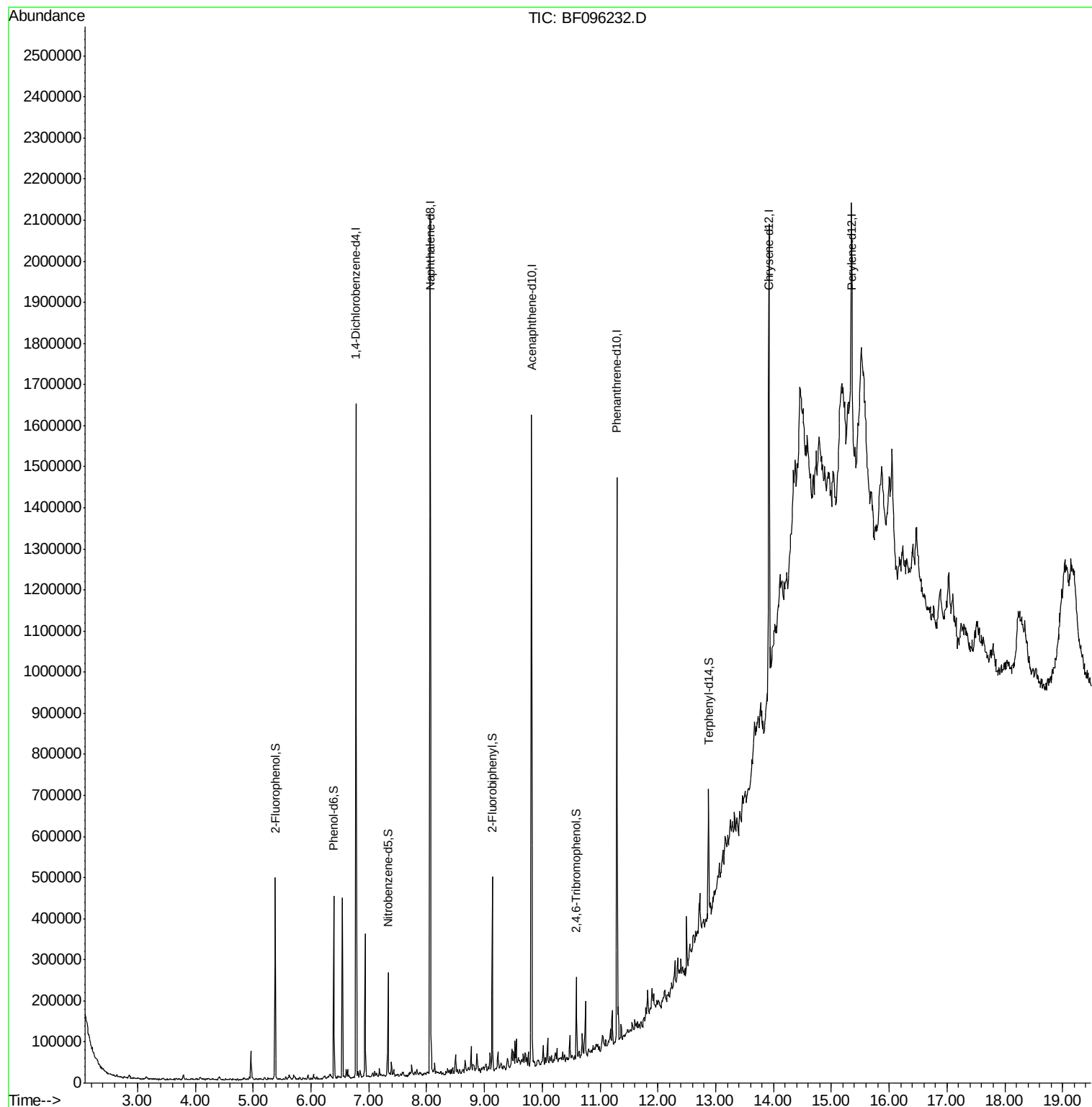
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
Data File : BF096232.D
Acq On : 27 Jun 2017 22:39
Operator : SJ/MA
Sample : I3851-02 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

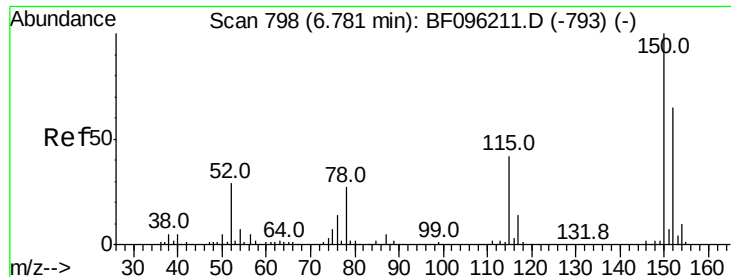
Instrument :
BNA_F
ClientSampleId :
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#1

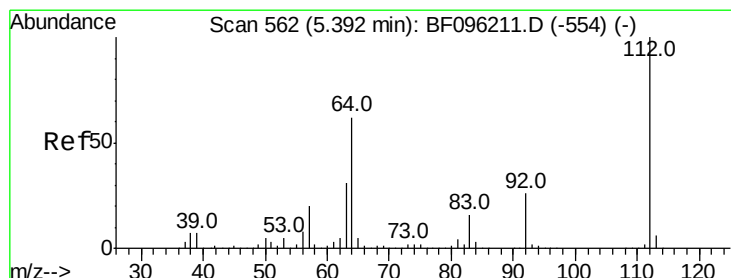
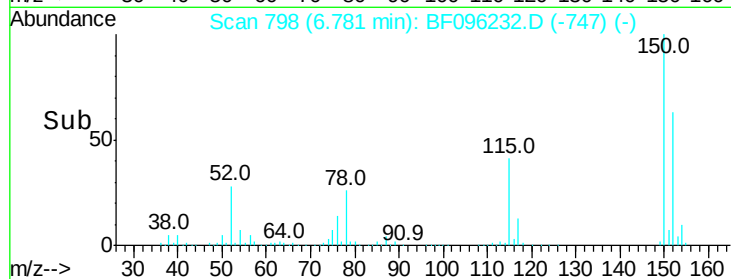
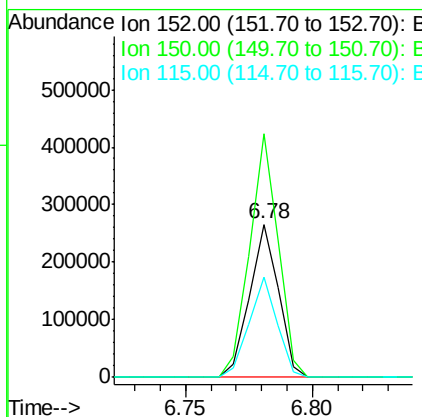
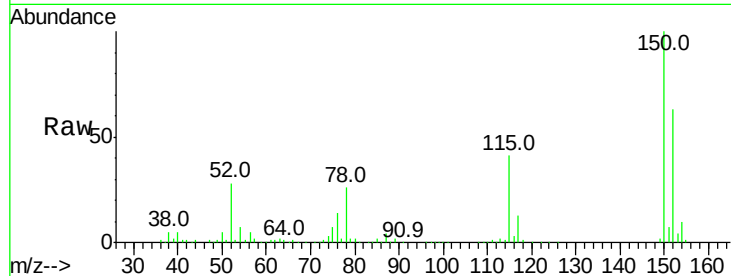
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Instrument :
BNA_F
ClientSampleId :
G-26-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	65.4	52.2	78.2

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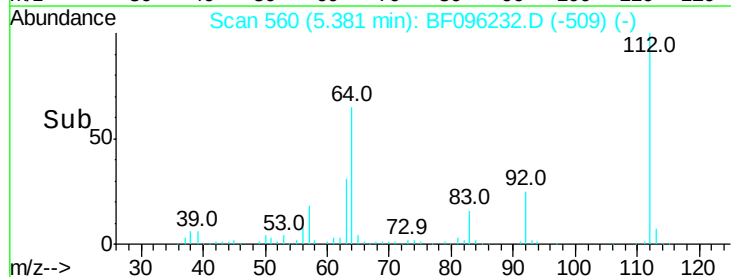
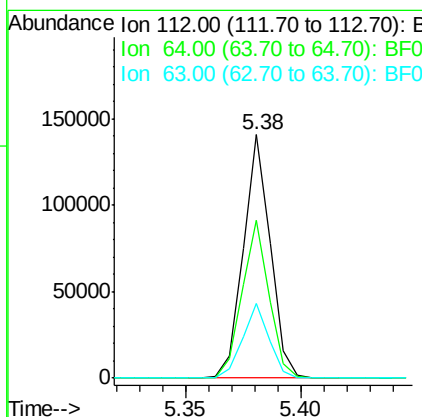
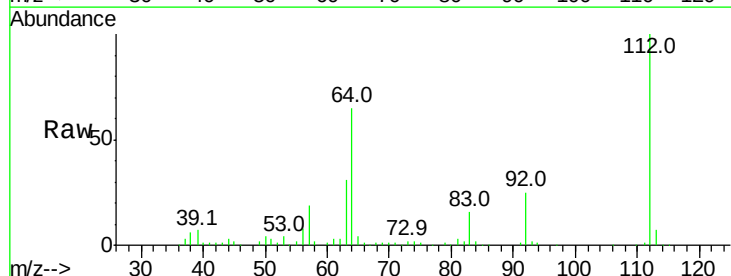
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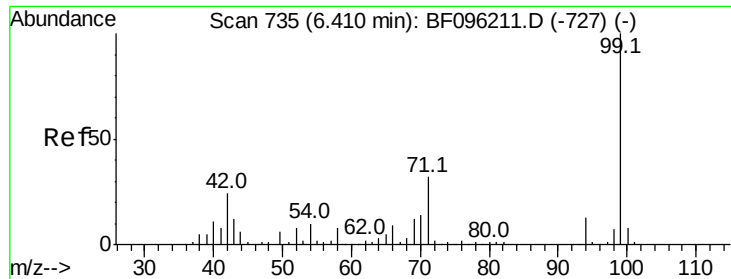


#5

2-Fluorophenol
Concen: 7.81 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	30.7	23.4	35.0





#7

Phenol-d6

Concen: 7.78 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096232.D

Acq: 27 Jun 2017 22:39

Instrument :

BNA_F

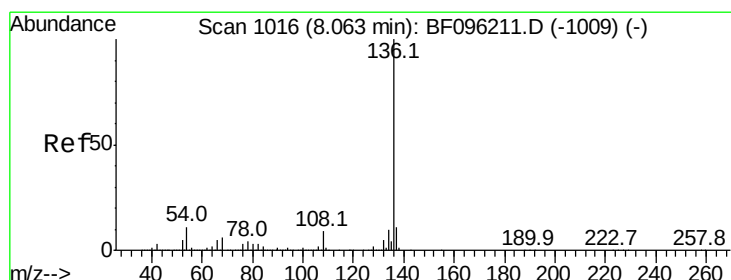
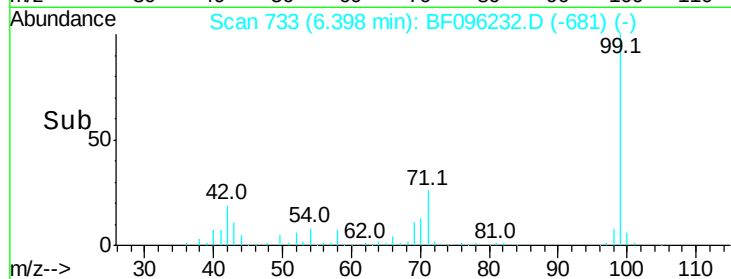
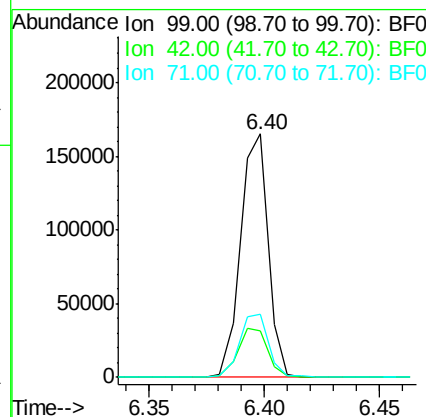
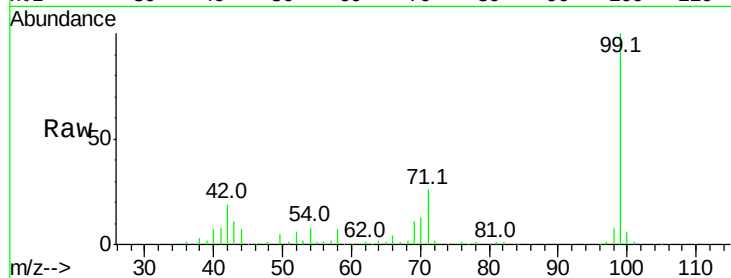
ClientSampleId :

G-26-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		138281		
42	19.4	13.5	20.3		
71	25.8	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

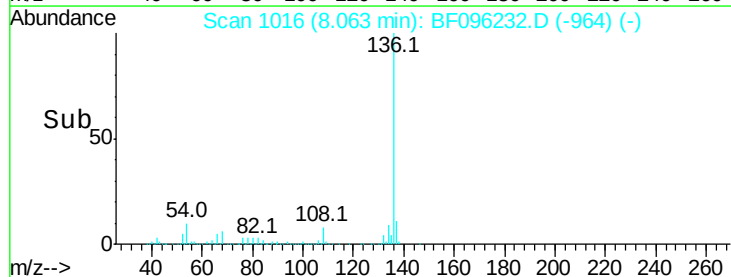
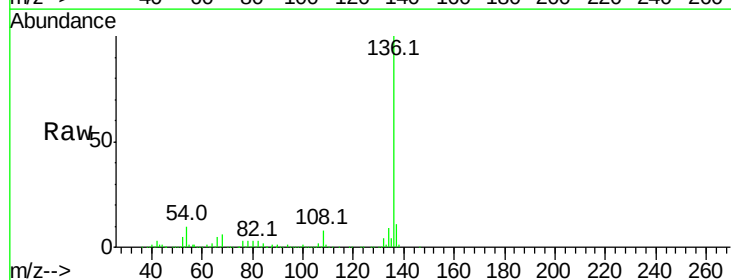
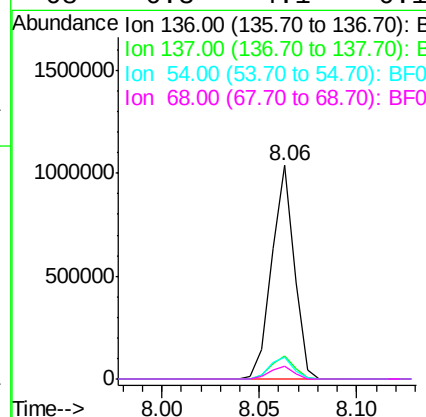
RT: 8.06 min Scan# 1016

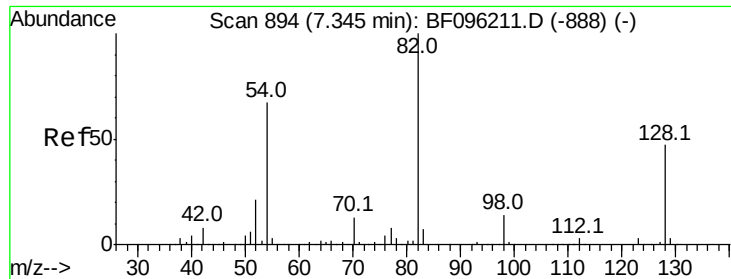
Delta R.T. 0.01 min

Lab File: BF096232.D

Acq: 27 Jun 2017 22:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		829609		
137	11.0	8.5	12.7		
54	10.0	4.9	7.3#		
68	6.3	4.1	6.1#		





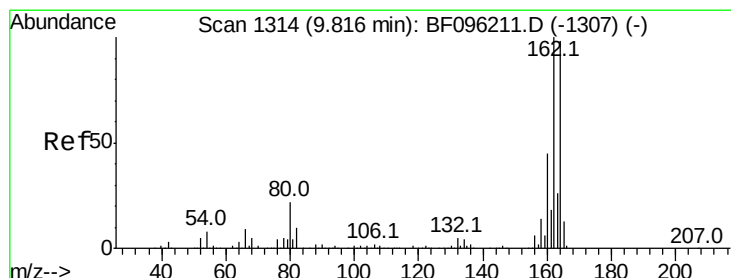
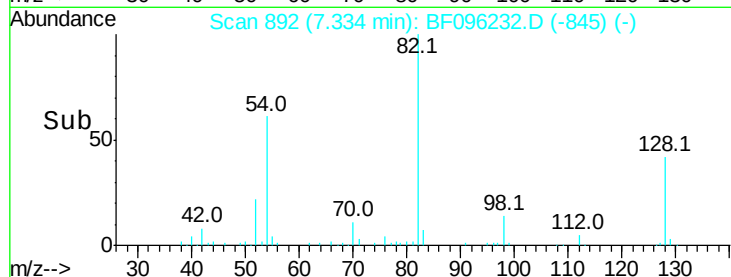
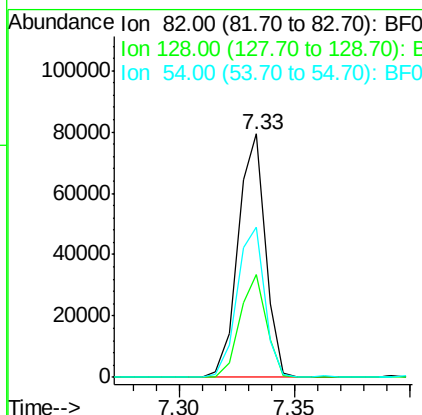
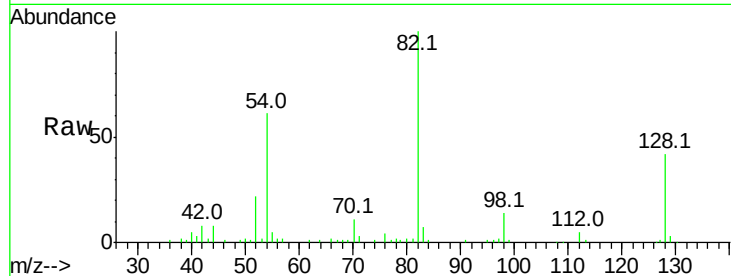
#23
Nitrobenzene-d5
Concen: 5.47 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Instrument :
BNA_F
ClientSampled :
G-26-1.5-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.0	51.0
54	61.5	42.2	63.2

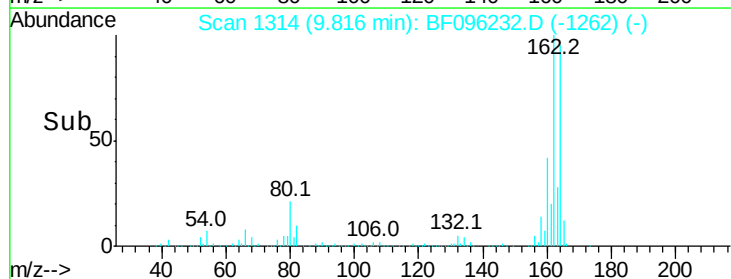
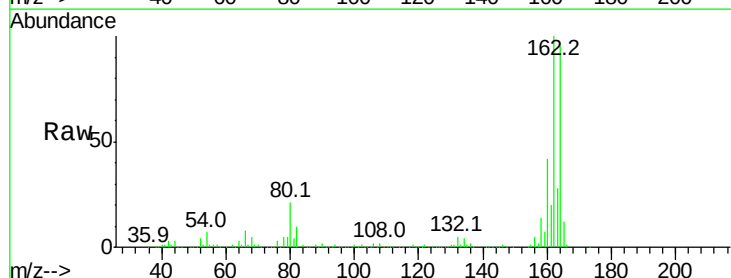
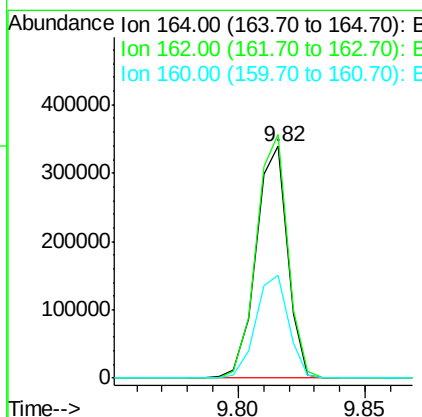
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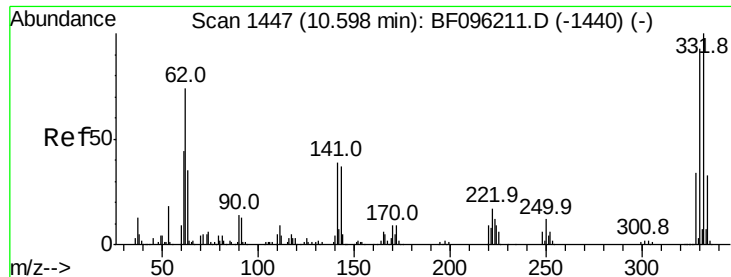
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	44.5	36.2	54.2





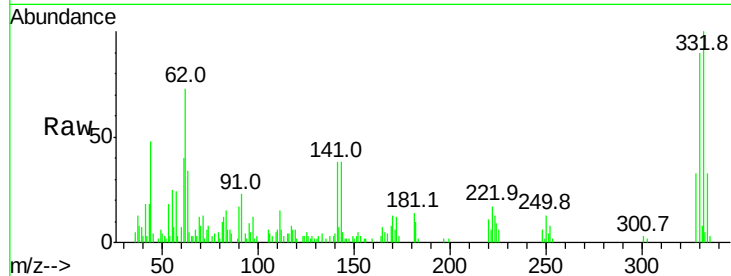
#41
 2,4,6-Tribromophenol
 Concen: 6.34 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096232.D
 Acq: 27 Jun 2017 22:39

Instrument :
 BNA_F
 ClientSampled :
 G-26-1.5-3

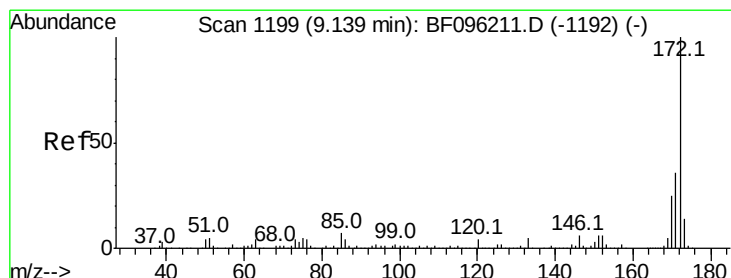
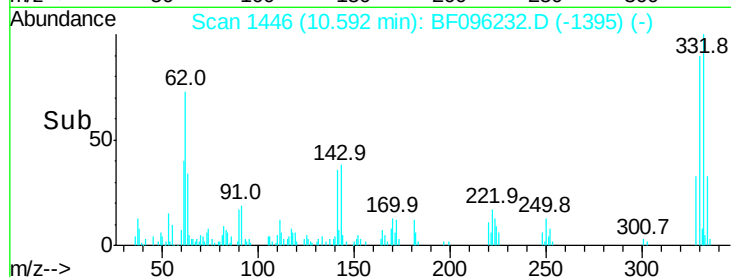
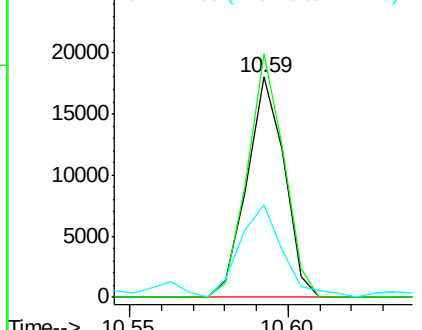
Tot Ion:330 Resp: 14747
 Ion Ratio Lower Upper
 330 100
 332 107.4 76.6 115.0
 141 48.5 31.4 47.2#

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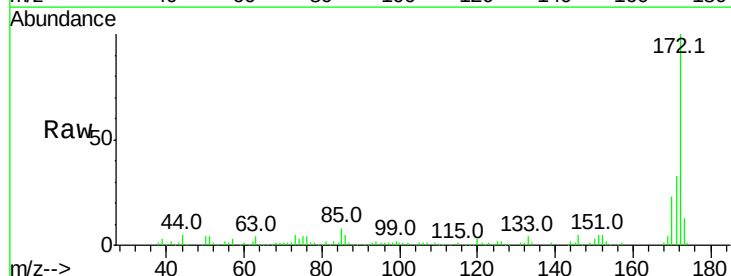


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

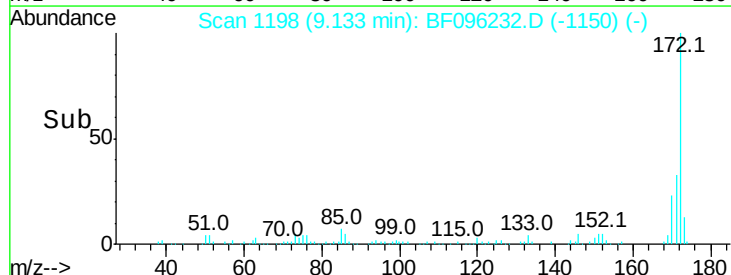
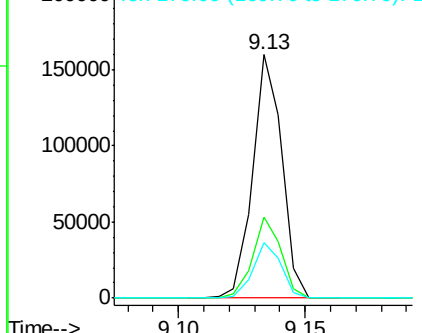


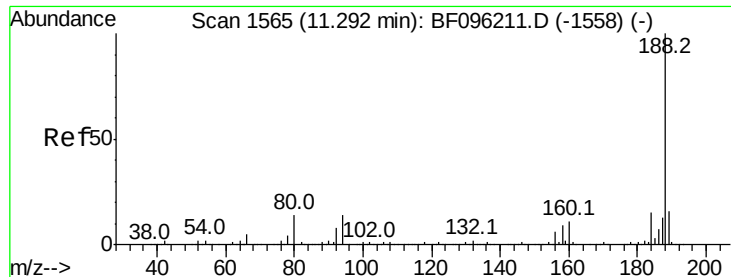
#44
 2-Fluorobiphenyl
 Concen: 7.94 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096232.D
 Acq: 27 Jun 2017 22:39

Tgt Ion:172 Resp: 127993
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.6 44.4
 170 22.6 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BF096232.D

Acq: 27 Jun 2017 22:39

Instrument :

BNA_F

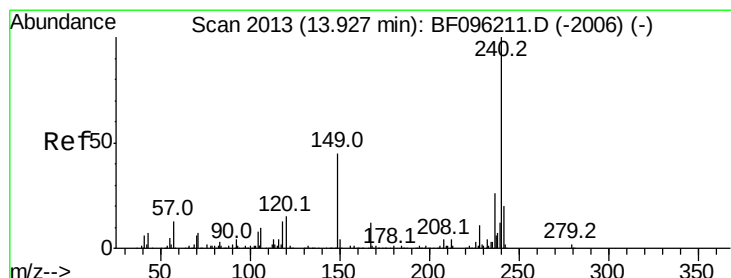
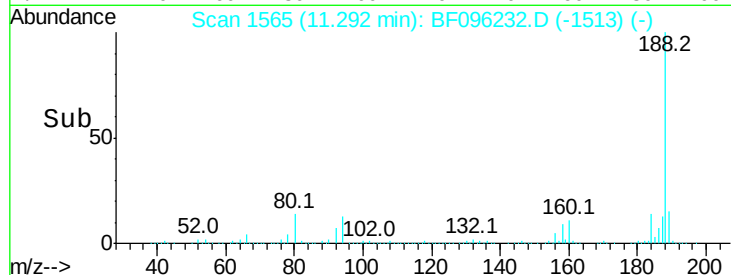
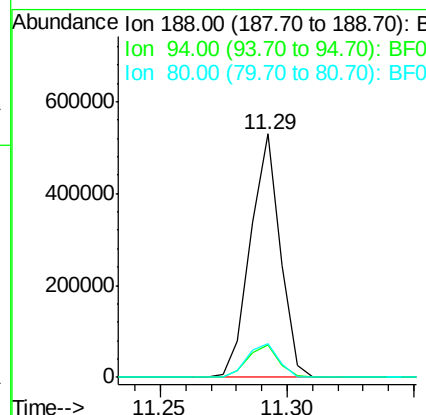
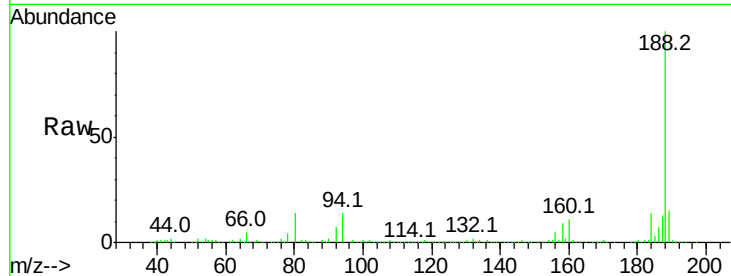
ClientSampleId :

G-26-1.5-3

Tot Ion:	188	Resp:	431926
Ion Ratio	Lower	Upper	
188	100		
94	13.5	9.4	14.2
80	13.8	10.2	15.2

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#75

Chrysene-d12

Concen: 20.00 ng

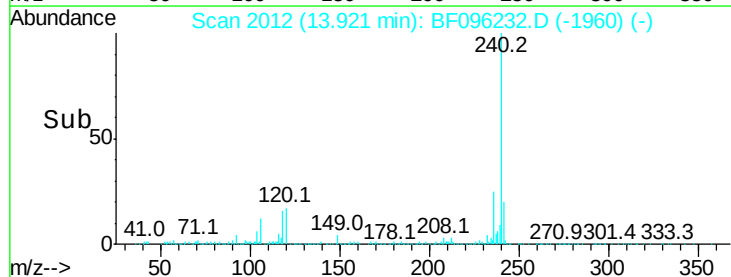
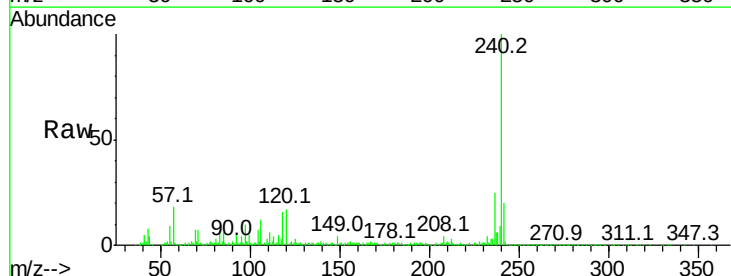
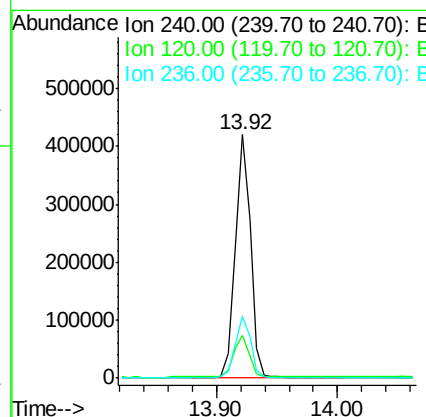
RT: 13.92 min Scan# 2012

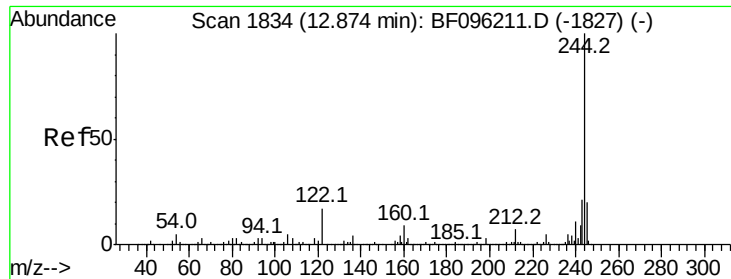
Delta R.T. 0.01 min

Lab File: BF096232.D

Acq: 27 Jun 2017 22:39

Tgt Ion:	240	Resp:	372765
Ion Ratio	Lower	Upper	
240	100		
120	17.3	5.8	8.8#
236	25.4	20.5	30.7





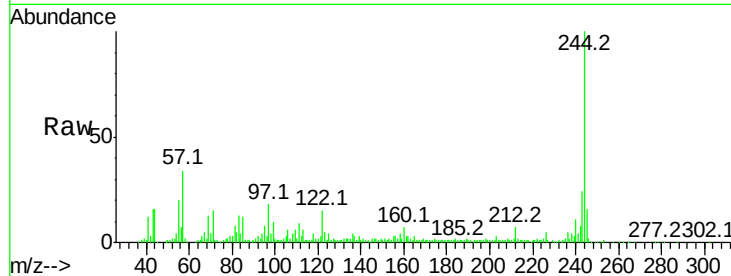
#78
 Terphenyl-d14
 Concen: 5.30 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.01 min
 Lab File: BF096232.D
 Acq: 27 Jun 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 G-26-1.5-3

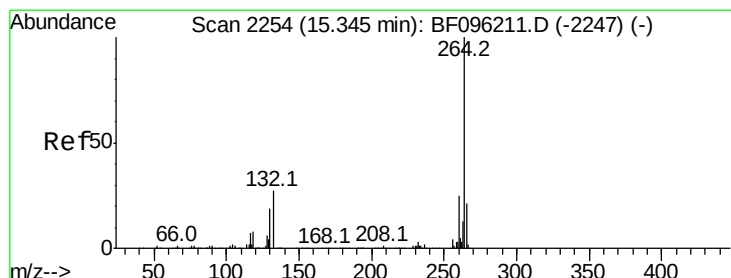
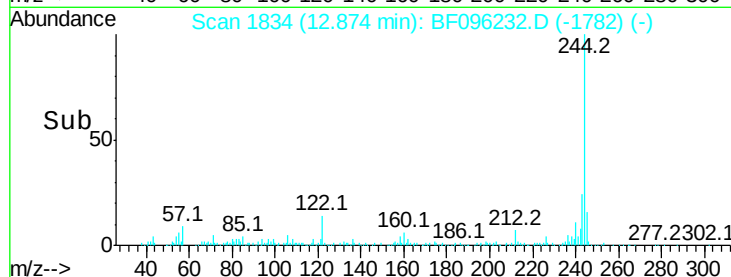
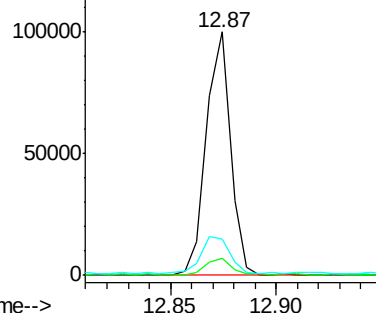
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.1	10.3	15.5

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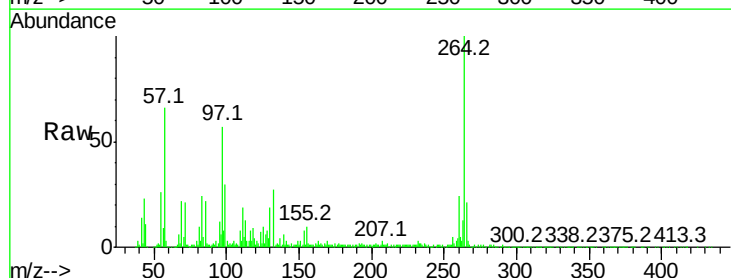


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. 0.01 min
 Lab File: BF096232.D
 Acq: 27 Jun 2017 22:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.4	17.2	25.8



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

