

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099884.D
 Acq On : 27 Oct 2017 18:23
 Operator : SJ/JU
 Sample : I6117-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-01-102417

Manual Integrations
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Sohil
 10/30/2017 6:16:37 PM

Quant Time: Oct 27 19:01:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	93272	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	375017	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	166508	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	266998	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180335	20.00	ng	0.00
86) Perylene-d12	15.46	264	183803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	128653	21.66	ng	0.00
7) Phenol-d6	6.44	99	158760	22.54	ng	0.00
23) Nitrobenzene-d5	7.36	82	86970	14.93	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	30809	20.30	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	173966	16.12	ng	0.00
78) Terphenyl-d14	12.92	244	113463	13.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	62374	4.730	ng	98
74) Fluoranthene	12.55	202	46564	2.974	ng	97
77) Pyrene	12.78	202	43876	3.200	ng	98
87) Benzo(b)fluoranthene	15.03	252	26329m	2.269	ng	

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

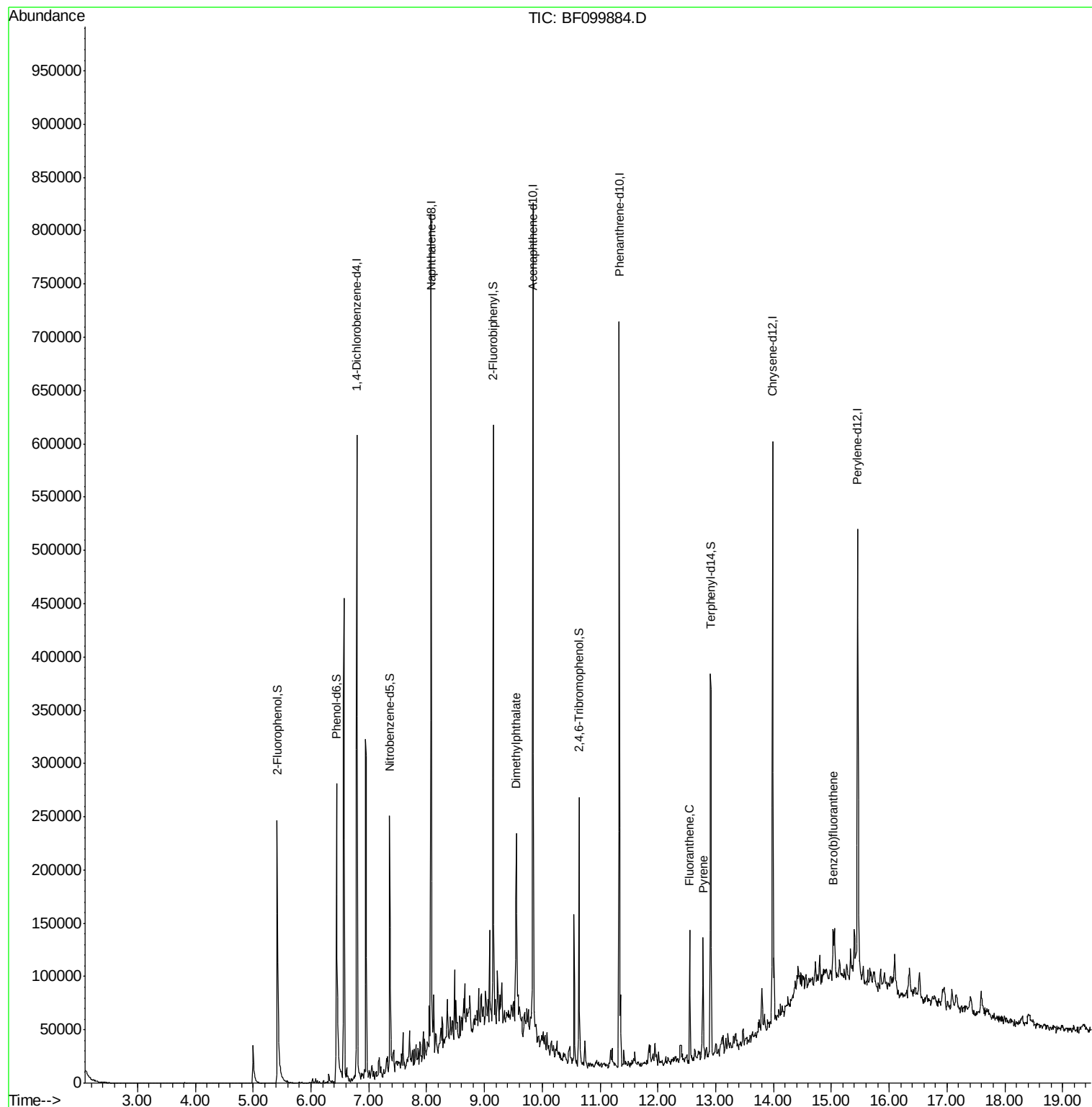
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
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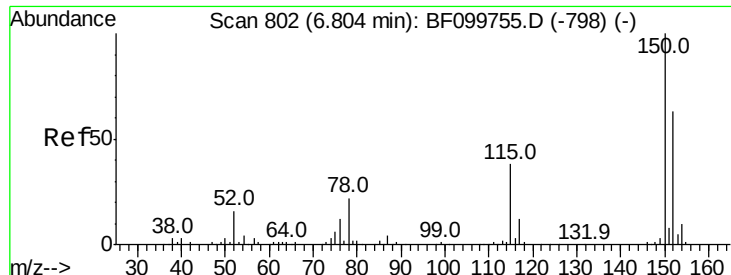
Instrument :
BNA_F
ClientSampleId :
JC-01-102417

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#1

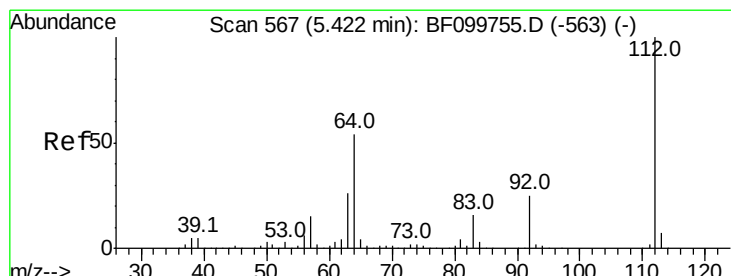
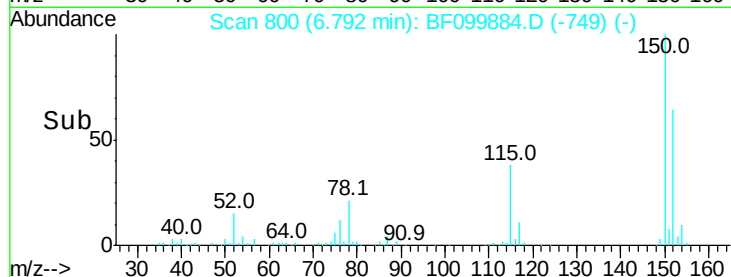
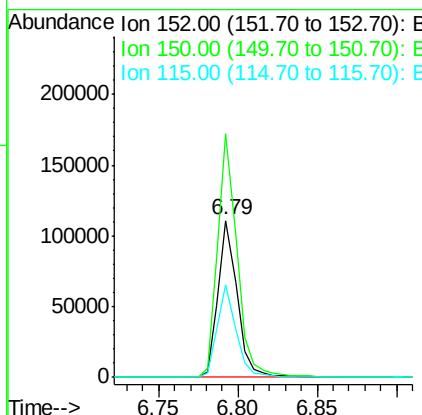
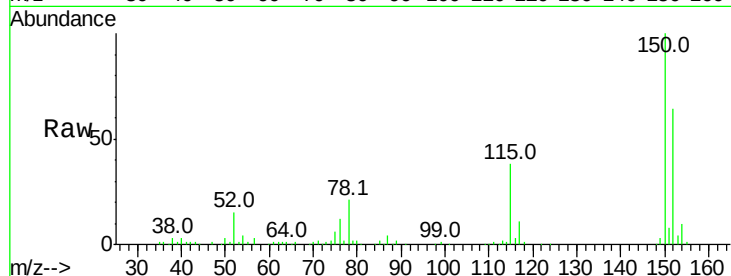
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099884.D
Acq: 27 Oct 2017 18:23

Instrument :
BNA_F
ClientSampleId :
JC-01-102417

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	58.8	50.1	75.1

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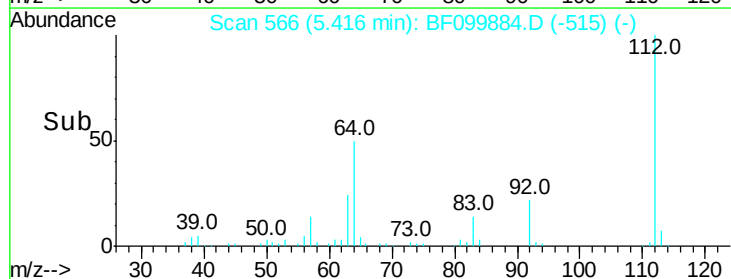
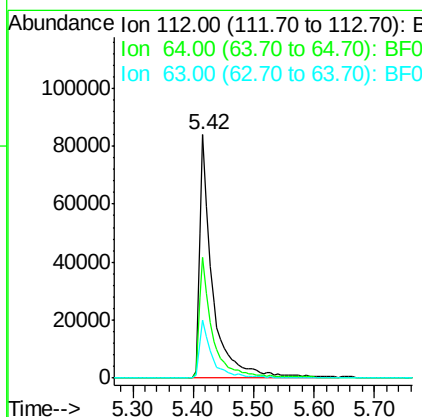
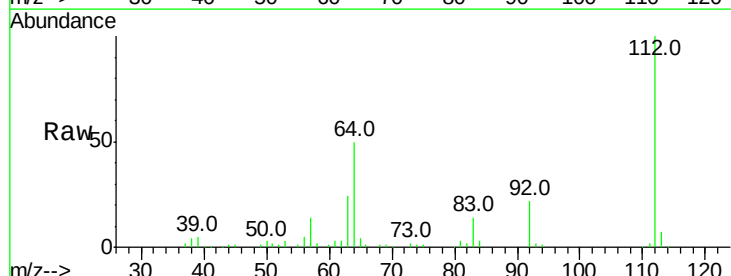
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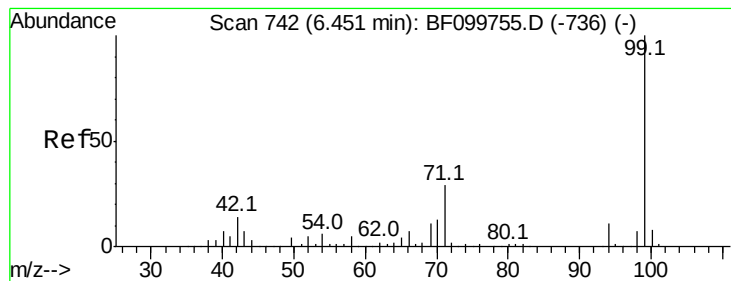


#5

2-Fluorophenol
Concen: 21.655 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF099884.D
Acq: 27 Oct 2017 18:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	47.9	71.9
63	23.9	23.7	35.5





#7

Phenol-d6

Concen: 22.537 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099884.D

Acq: 27 Oct 2017 18:23

Instrument :

BNA_F

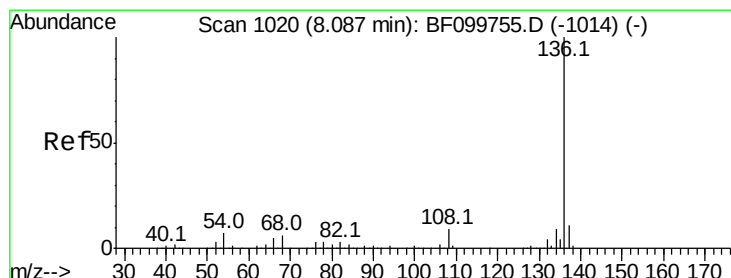
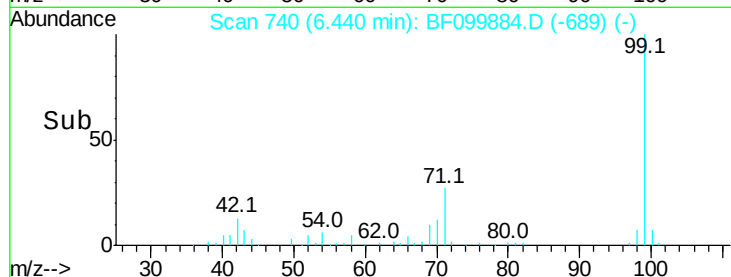
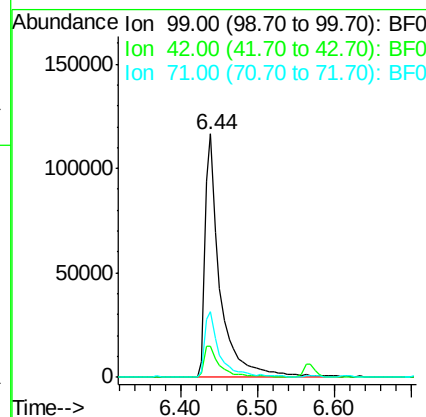
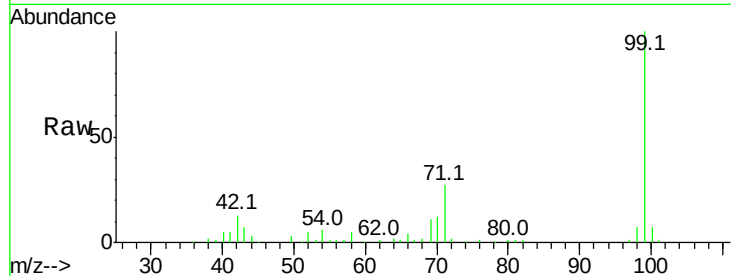
ClientSampleId :

JC-01-102417

Tot Ion:	99	Resp:	158760
Ion Ratio	Lower	Upper	
99	100		
42	12.8	14.5	21.7#
71	27.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

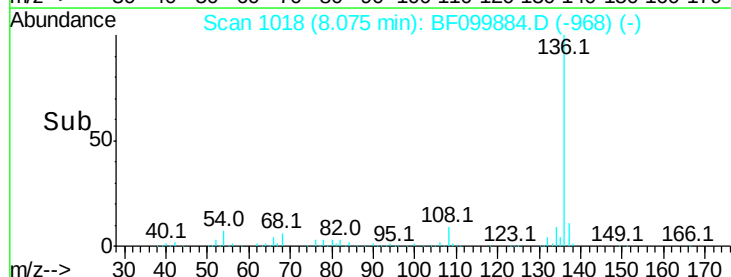
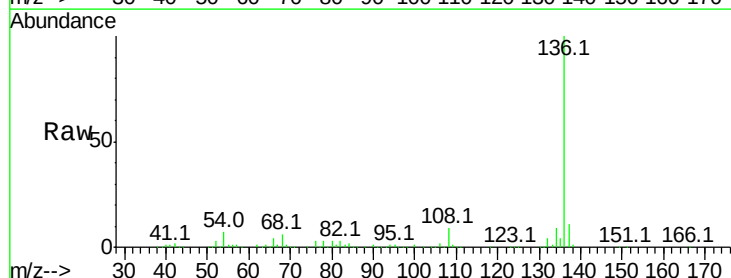
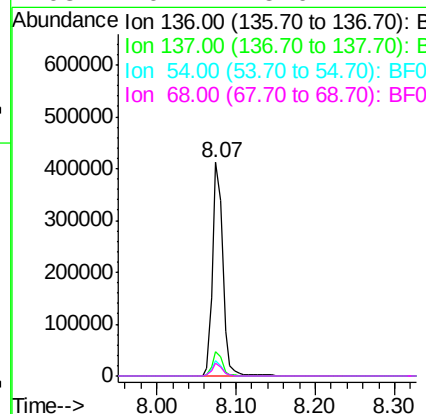
RT: 8.07 min Scan# 1018

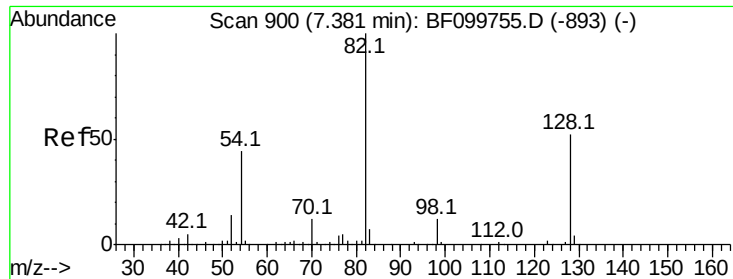
Delta R.T. -0.01 min

Lab File: BF099884.D

Acq: 27 Oct 2017 18:23

Tgt Ion:	136	Resp:	375017
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	6.1	5.0	7.4





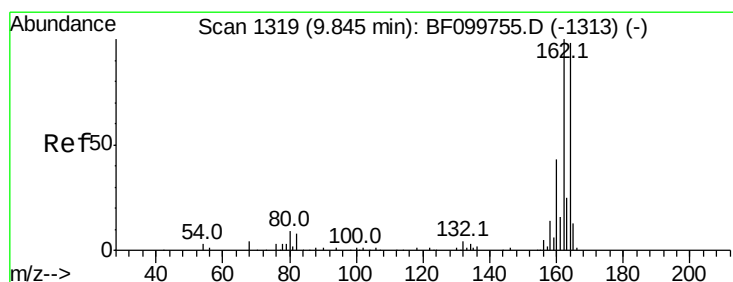
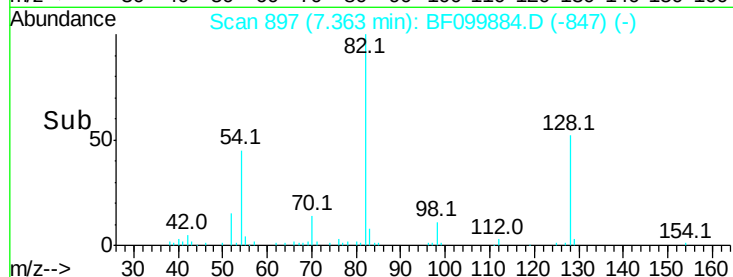
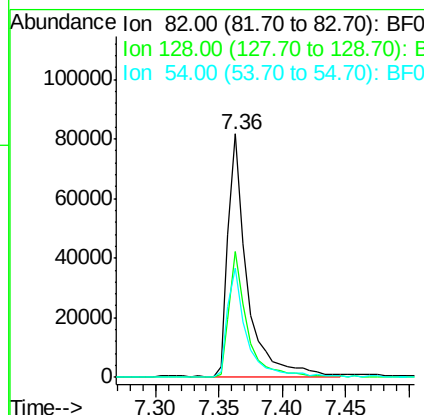
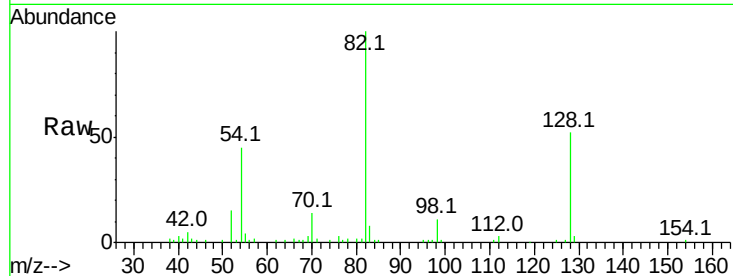
#23
Nitrobenzene-d5
Concen: 14.930 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099884.D
Acq: 27 Oct 2017 18:23

Instrument :
BNA_F
ClientSampled :
JC-01-102417

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	36.1	54.1
54	44.8	41.4	62.2

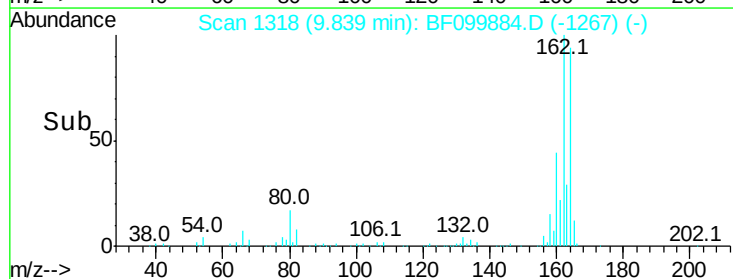
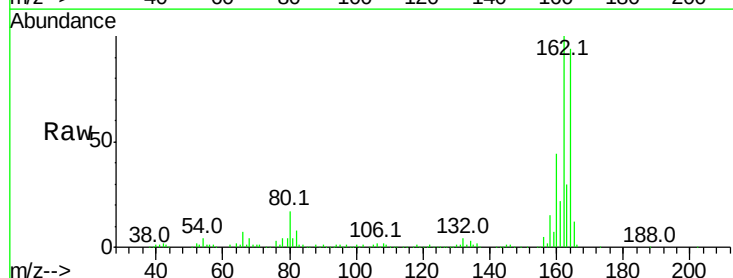
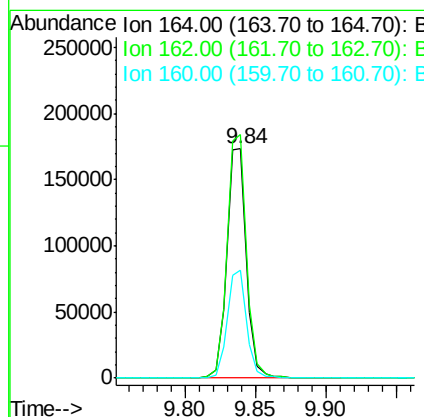
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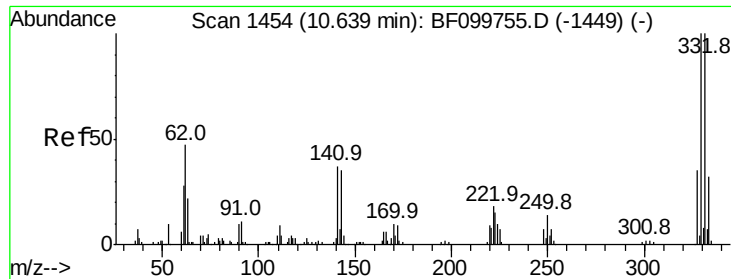
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099884.D
Acq: 27 Oct 2017 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	47.0	38.3	57.5





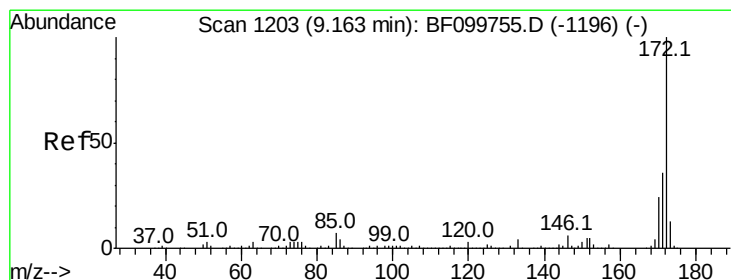
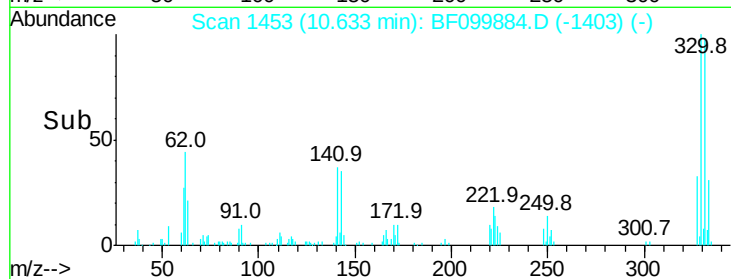
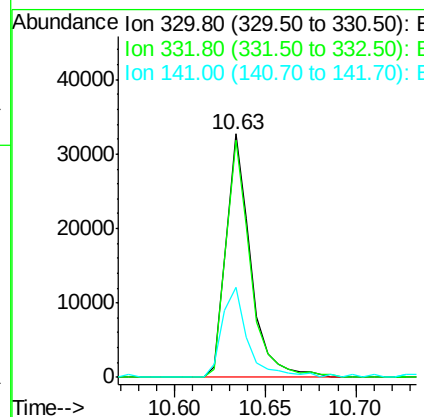
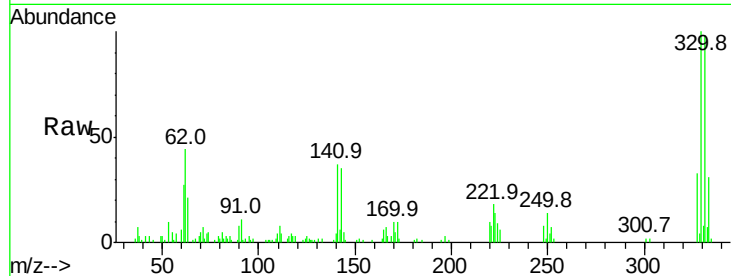
#41
 2,4,6-Tribromophenol
 Concen: 20.304 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099884.D
 Acq: 27 Oct 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 JC-01-102417

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0		77.0	115.6
141	39.1		29.9	44.9

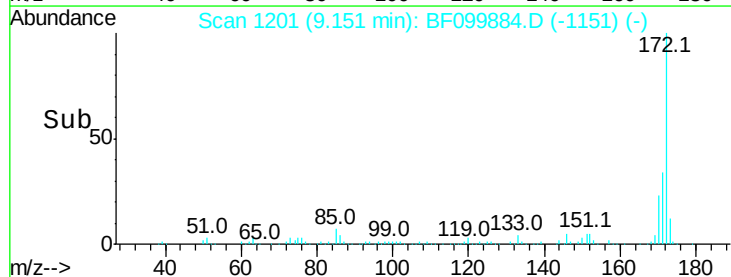
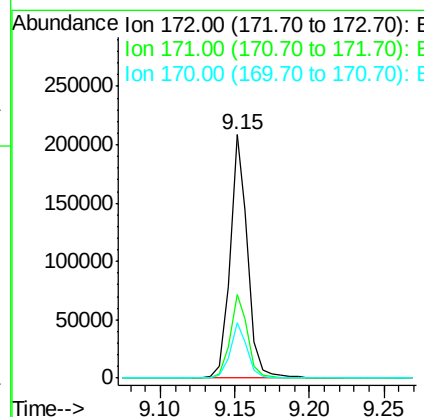
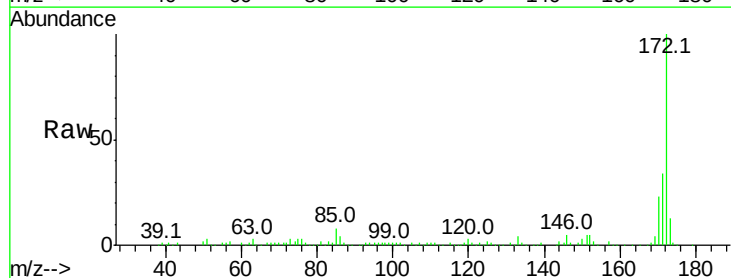
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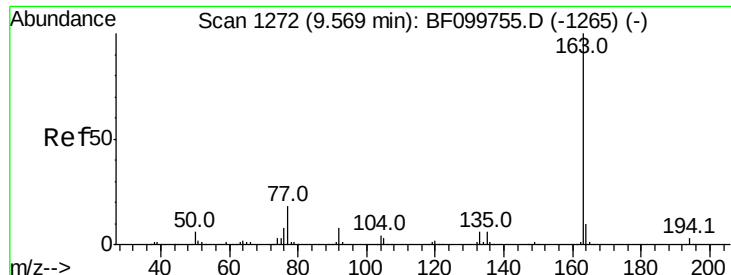
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#44
 2-Fluorobiphenyl
 Concen: 16.119 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF099884.D
 Acq: 27 Oct 2017 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.5		29.7	44.5
170	22.7		19.6	29.4





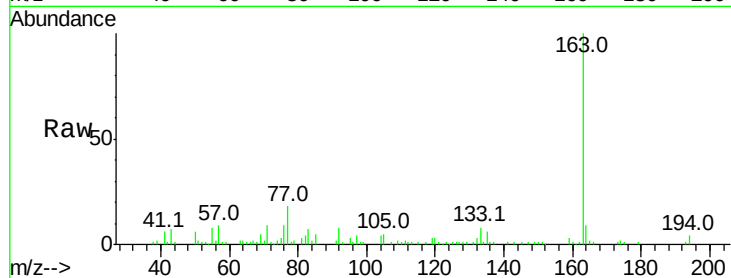
#49
Dimethylphthalate
Concen: 4.730 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099884.D
Acq: 27 Oct 2017 18:23

Instrument :
BNA_F
ClientSampleId :
JC-01-102417

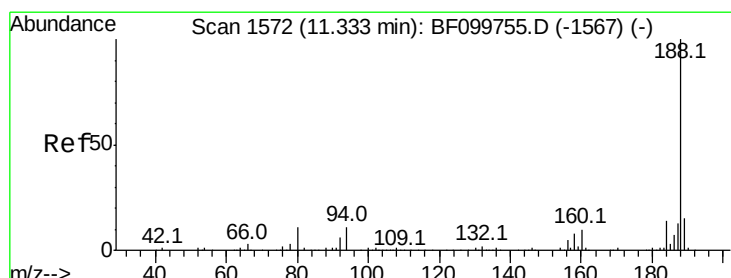
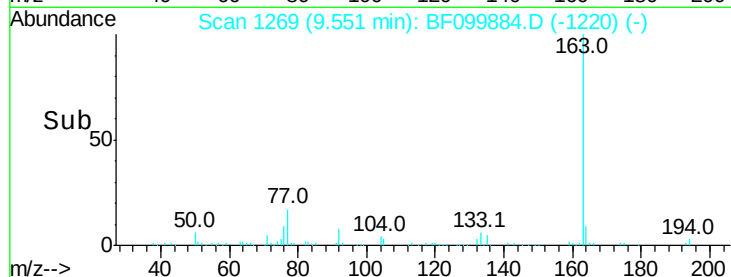
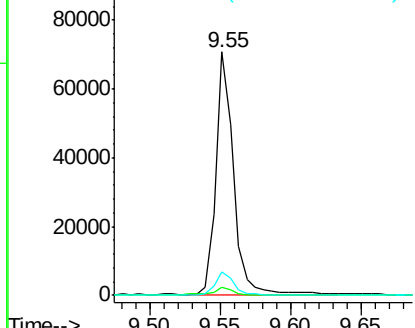
Tot Ion:	163	Resp:	62374
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.4	8.2	12.2

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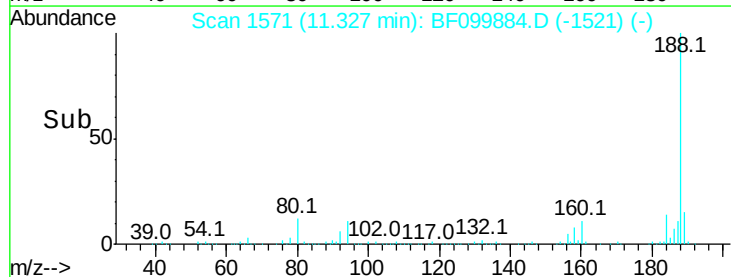
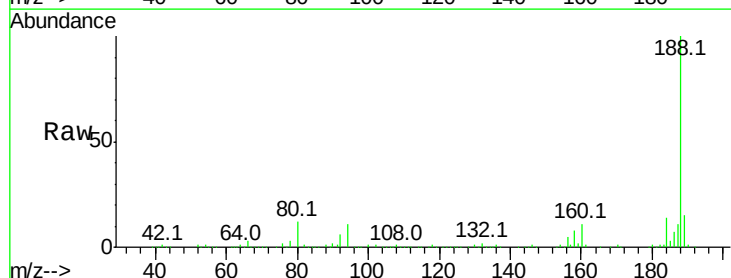
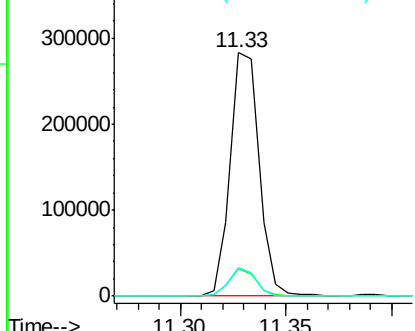
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

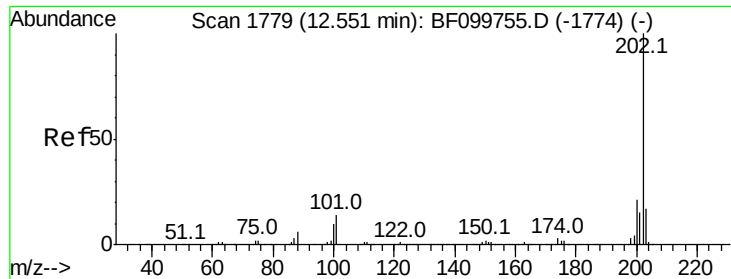


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF099884.D
Acq: 27 Oct 2017 18:23

Tgt Ion:	188	Resp:	266998
Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.9	9.2	13.8

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





#74

Fluoranthene

Concen: 2.974 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BF099884.D

Acq: 27 Oct 2017 18:23

Instrument :

BNA_F

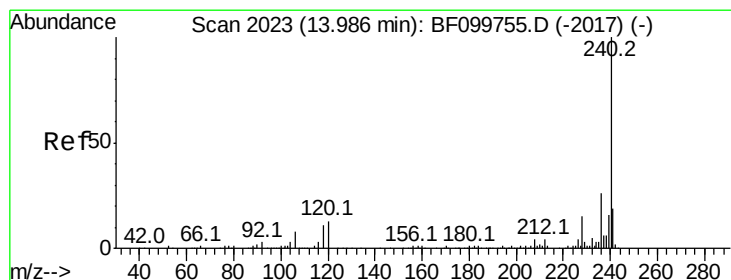
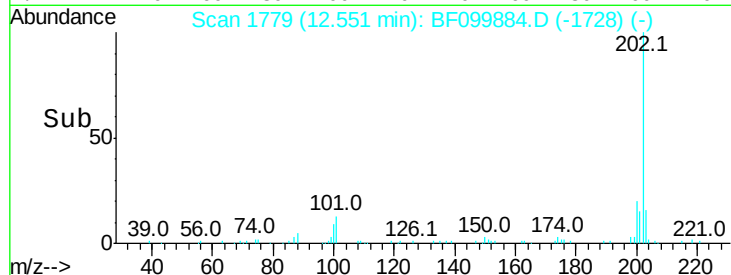
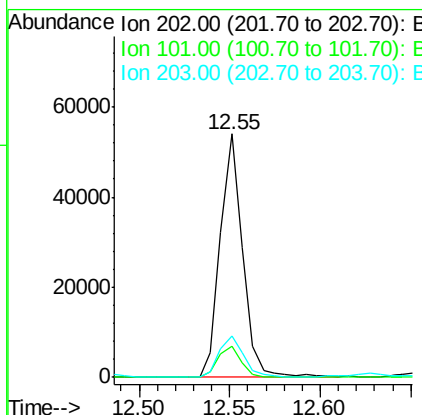
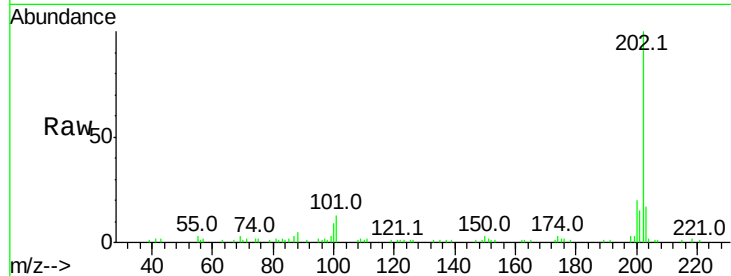
ClientSampleId :

JC-01-102417

Tot Ion:	202	Resp:	46564
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	34.1
203	16.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

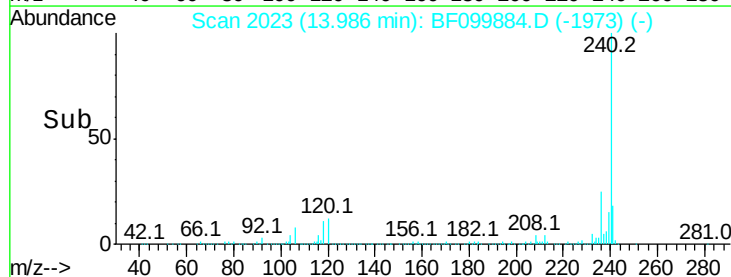
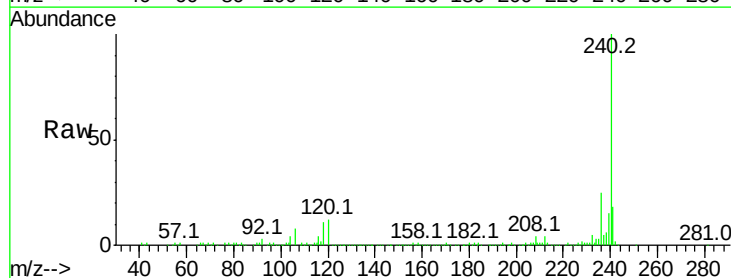
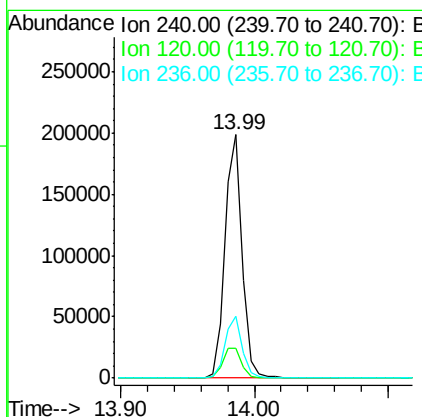
RT: 13.99 min Scan# 2023

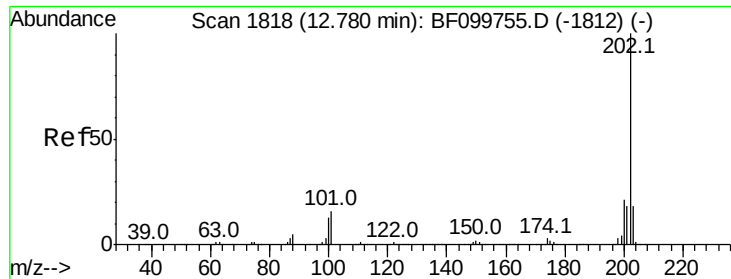
Delta R.T. -0.01 min

Lab File: BF099884.D

Acq: 27 Oct 2017 18:23

Tgt Ion:	240	Resp:	180335
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	25.4	20.7	31.1





#77

Pvrene

Concen: 3.200 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF099884.D

Acq: 27 Oct 2017 18:23

Instrument :

BNA_F

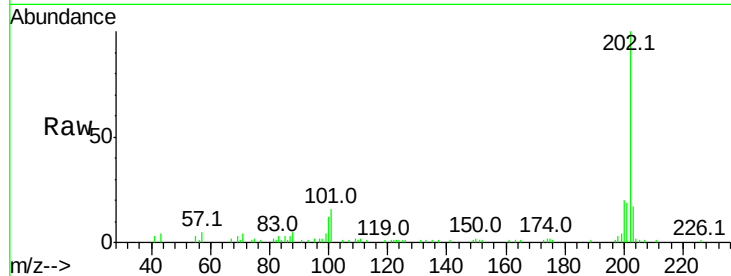
ClientSampleId :

JC-01-102417

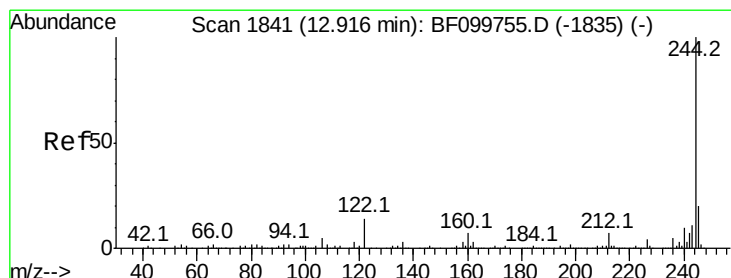
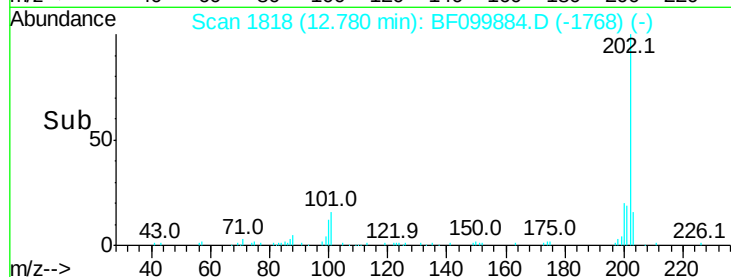
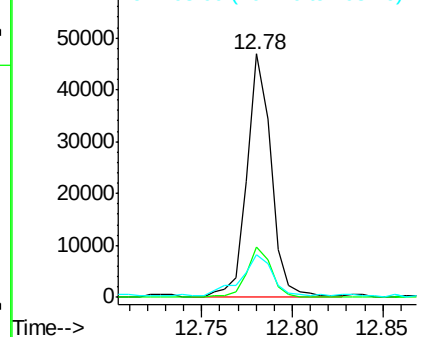
Tot Ion:	202	Resp:	43876
Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.4	14.3	21.5

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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: 13.750 ng

RT: 12.92 min Scan# 1841

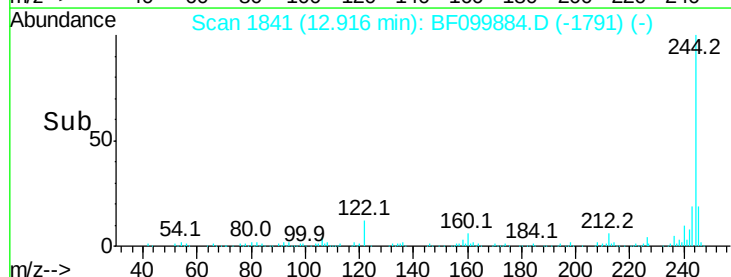
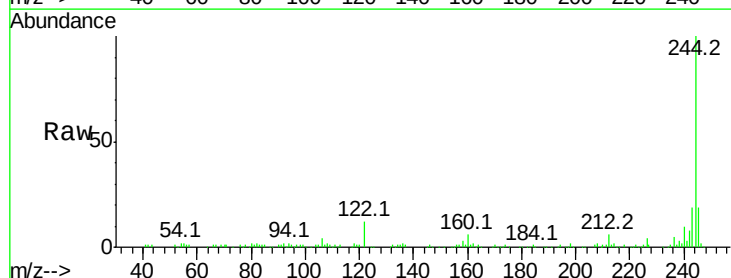
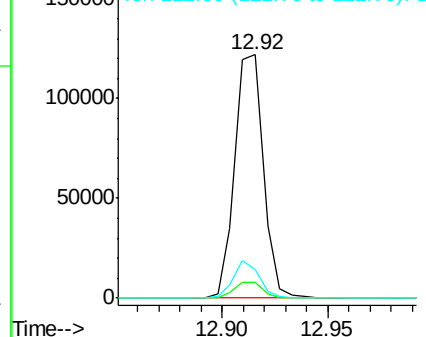
Delta R.T. -0.01 min

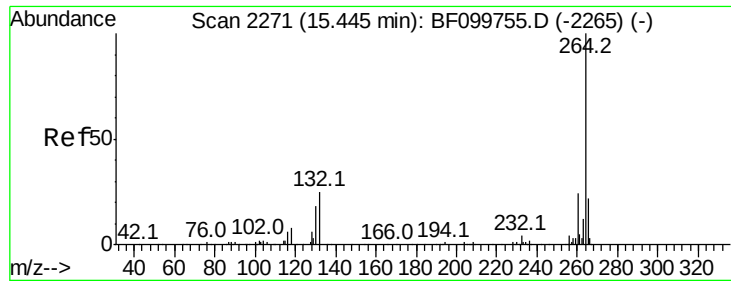
Lab File: BF099884.D

Acq: 27 Oct 2017 18:23

Tgt Ion:	244	Resp:	113463
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.6	11.0	16.4

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





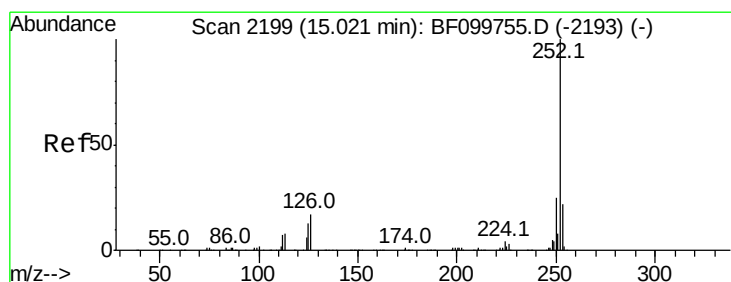
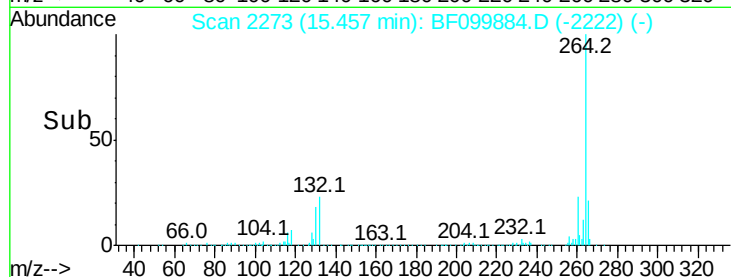
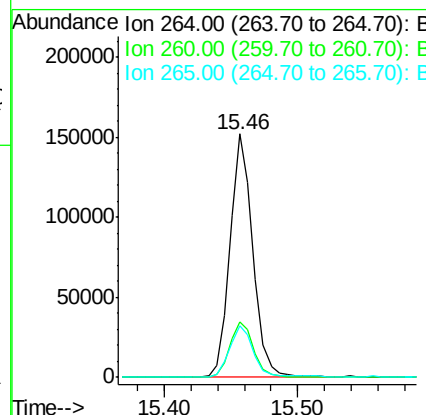
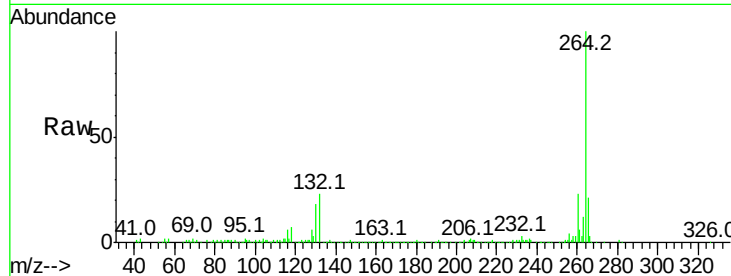
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099884.D
Acq: 27 Oct 2017 18:23

Instrument :
BNA_F
ClientSampleId :
JC-01-102417

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.3	17.5	26.3

Manual Integrations
APPROVED

Sohil
10/30/2017 6:16:37 PM



#87
Benzo(b)fluoranthene
Concen: 2.269 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099884.D
Acq: 27 Oct 2017 18:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	17.2	9.0	13.6#

