

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099891.D
 Acq On : 27 Oct 2017 22:46
 Operator : SJ/JU
 Sample : I6029-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(0-5)

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:16:44 PM

Quant Time: Oct 27 23:55:56 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	88125	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	373081	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	175382	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	320751	20.00	ng	0.00
75) Chrysene-d12	13.99	240	201578	20.00	ng	0.00
86) Perylene-d12	15.46	264	162893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	527450	93.97	ng	0.00
7) Phenol-d6	6.44	99	627036	94.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	357685	61.72	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	144276	90.27	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	726080	63.87	ng	0.00
78) Terphenyl-d14	12.92	244	660044	71.56	ng	0.00
Target Compounds						
10) Phenol	6.45	94	35280	4.828	ng	94
49) Dimethylphthalate	9.55	163	134973	9.718	ng	99
74) Fluoranthene	12.55	202	38576	2.051	ng	100
77) Pyrene	12.79	202	33502	2.186	ng	95

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

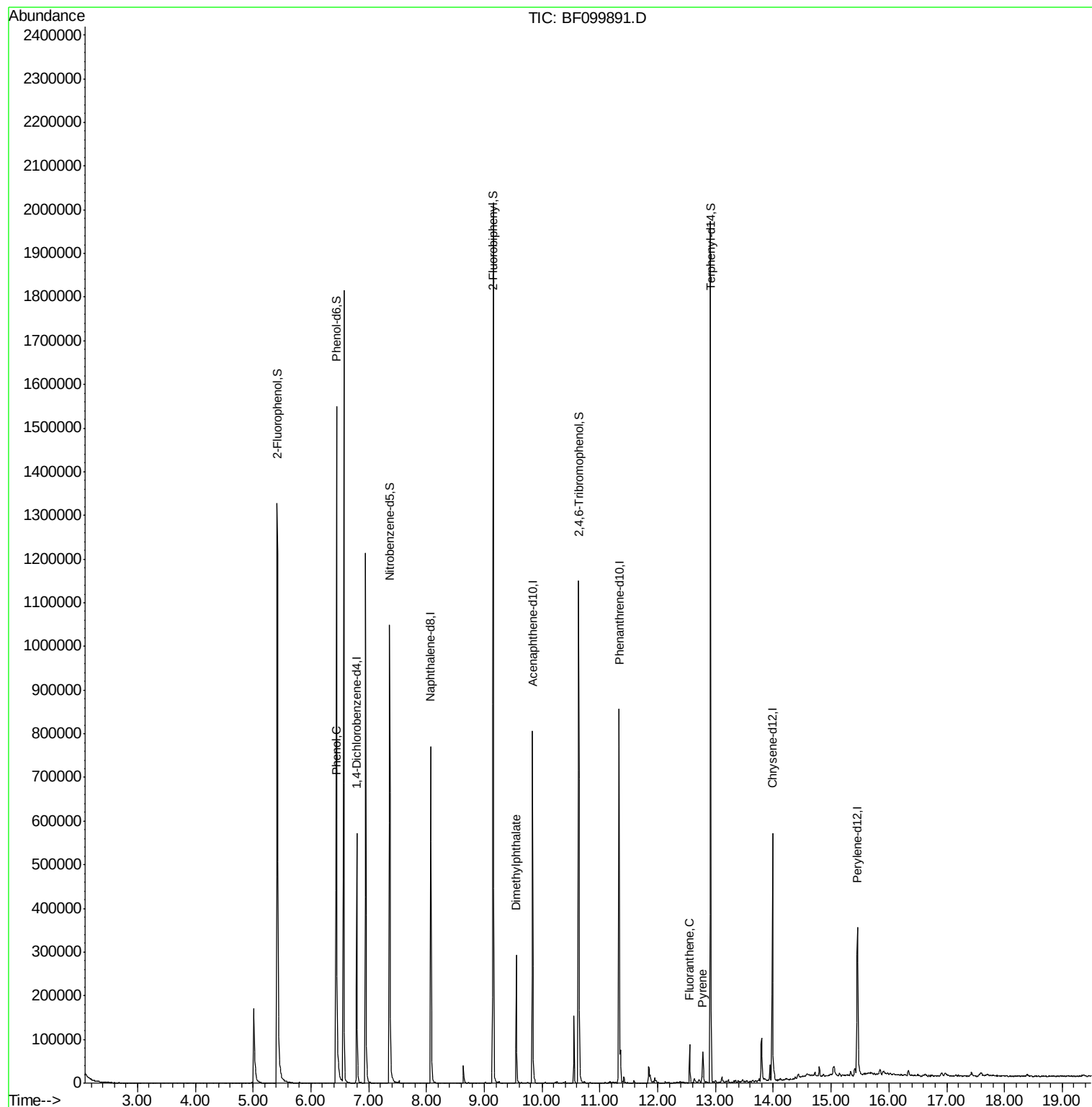
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099891.D
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Sample : I6029-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

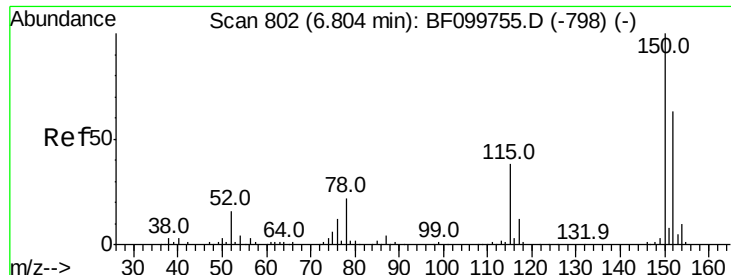
Instrument :
BNA_F
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EPE-P-5A(0-5)

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#1

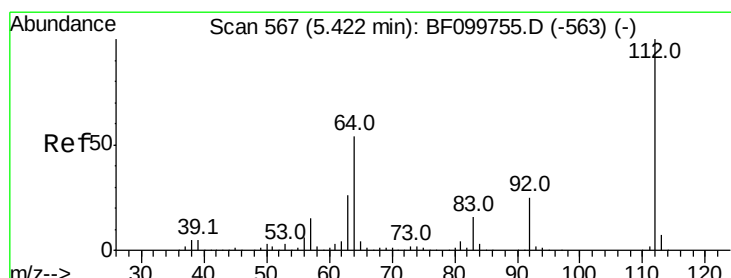
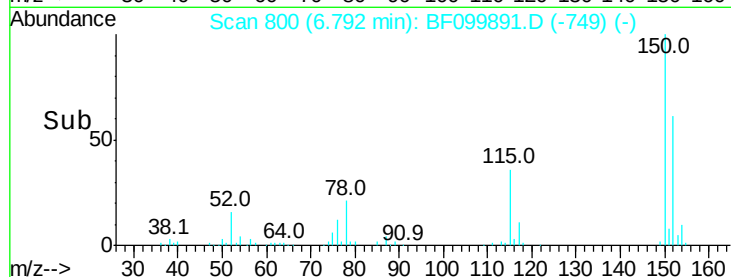
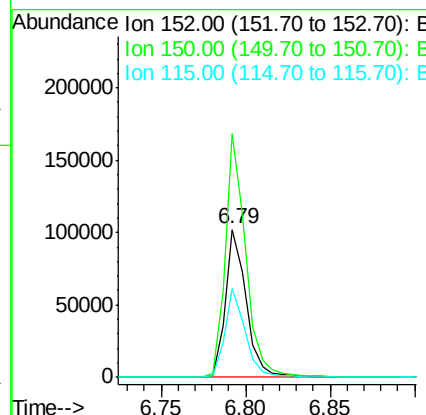
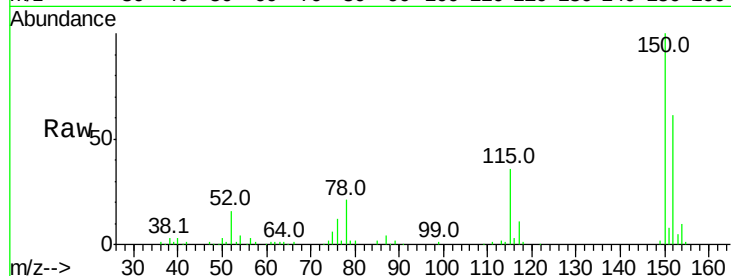
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099891.D
Acq: 27 Oct 2017 22:46

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.6	124.6	186.8
115	60.0	50.1	75.1

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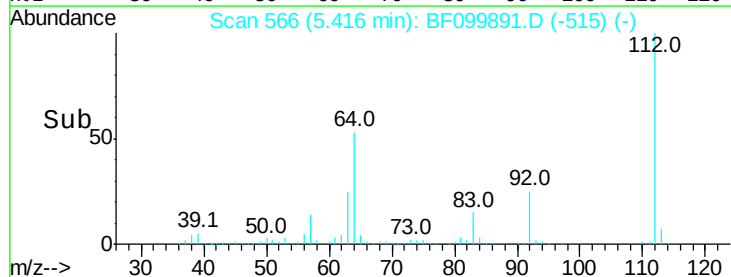
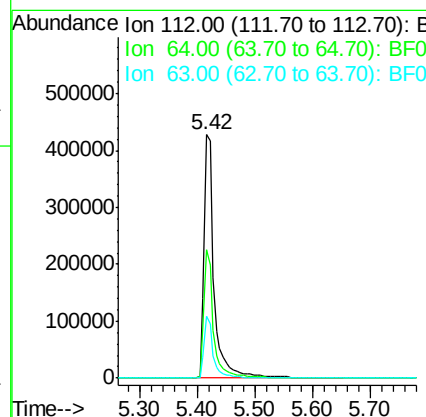
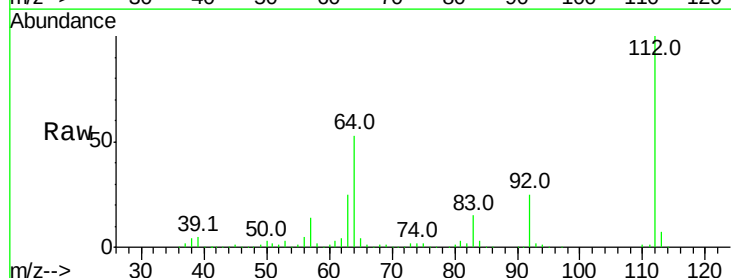
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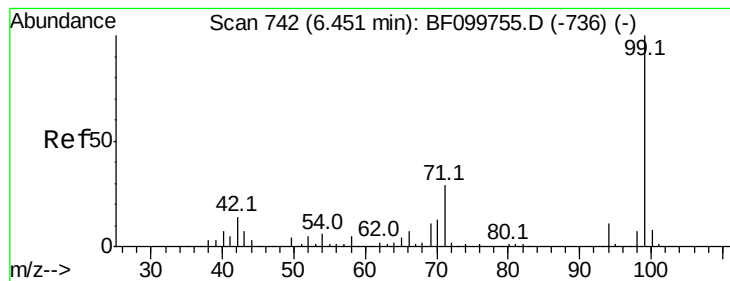


#5

2-Fluorophenol
Concen: 93.966 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099891.D
Acq: 27 Oct 2017 22:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	47.9	71.9
63	25.5	23.7	35.5





#7

Phenol-d6

Concen: 94.211 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099891.D

Acq: 27 Oct 2017 22:46

Instrument :

BNA_F

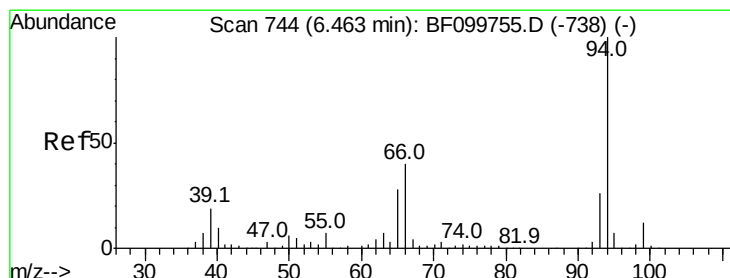
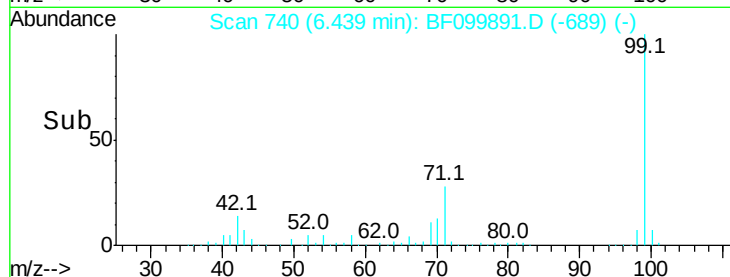
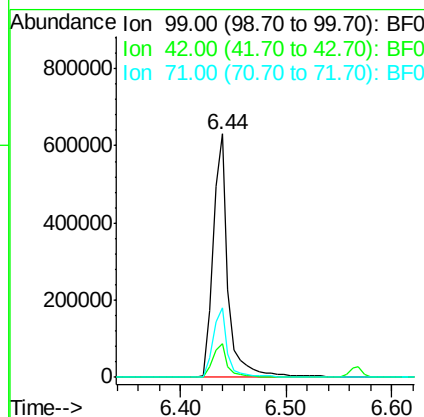
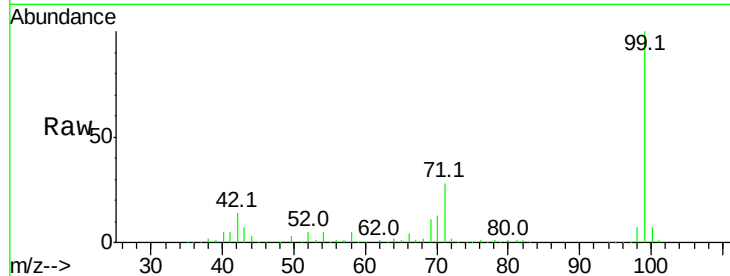
ClientSampleId :

EPE-P-5A(0-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		627036		
42	13.7	14.5	21.7#		
71	28.3	25.4	38.0		

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#10

Phenol

Concen: 4.828 ng

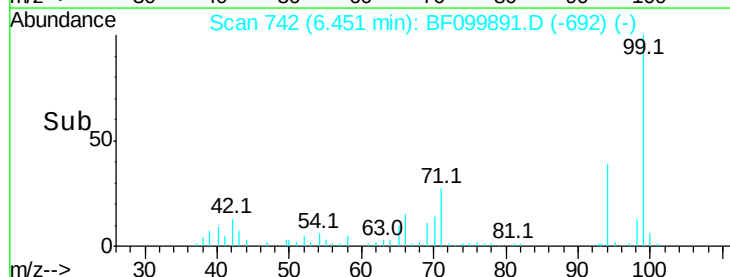
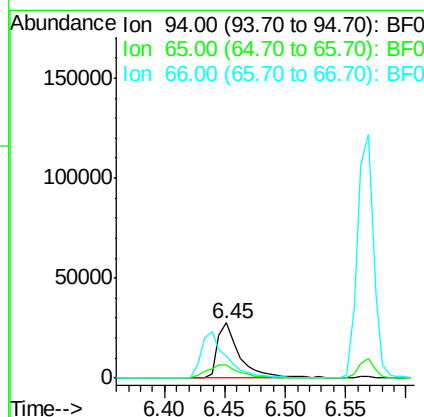
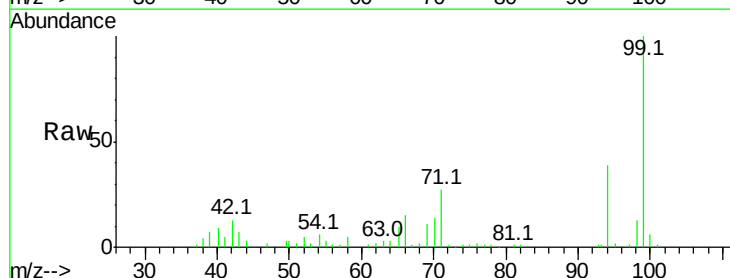
RT: 6.45 min Scan# 742

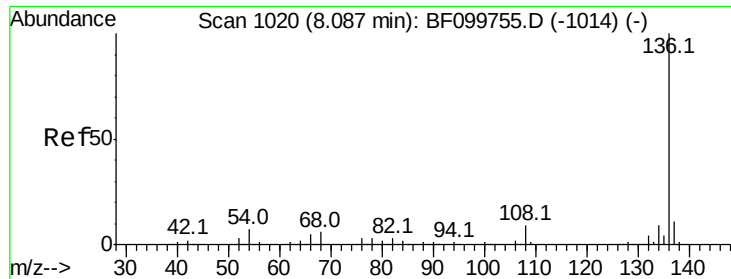
Delta R.T. -0.01 min

Lab File: BF099891.D

Acq: 27 Oct 2017 22:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		35280		
65	24.8	7.9	47.9		
66	39.3	16.2	56.2		





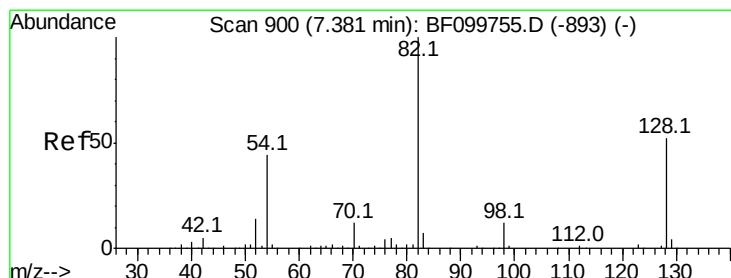
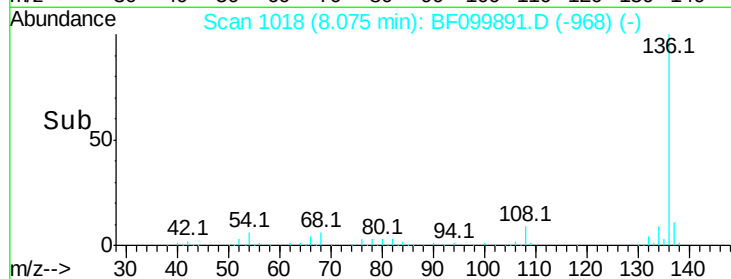
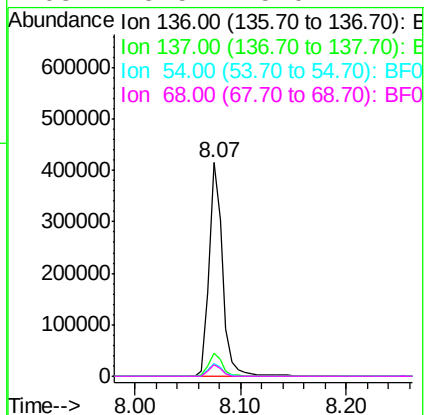
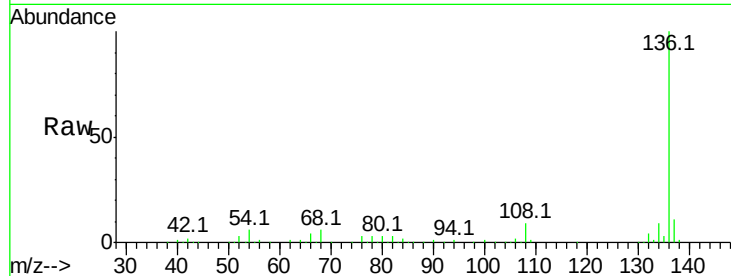
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099891.D
Acq: 27 Oct 2017 22:46

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.3	6.6	9.8	
68	5.5	5.0	7.4	

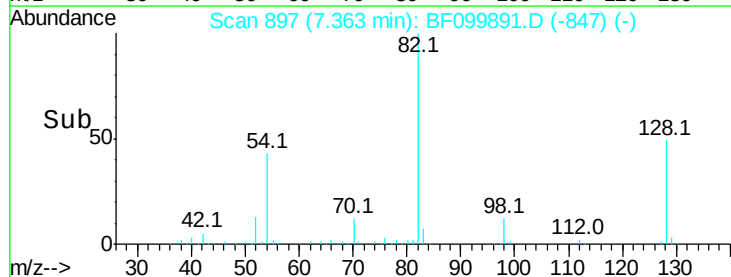
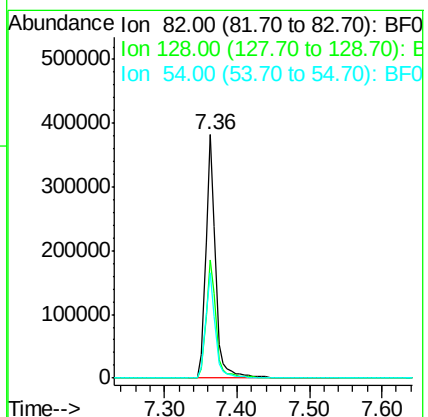
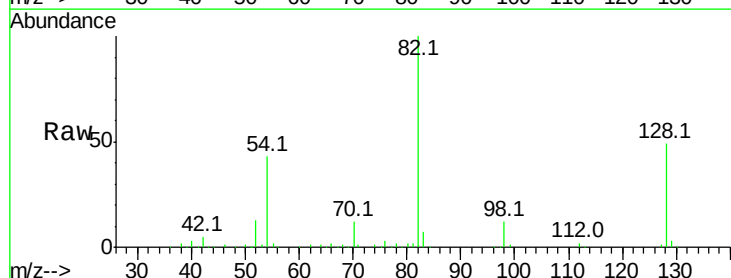
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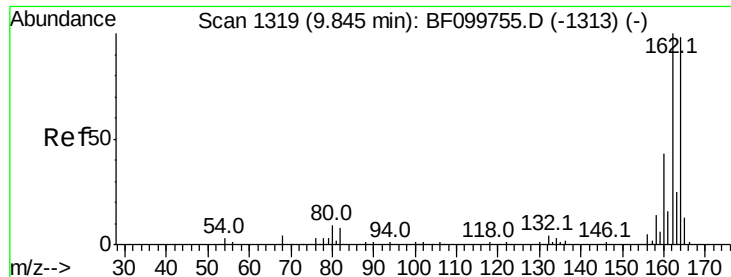
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#23
Nitrobenzene-d5
Concen: 61.724 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099891.D
Acq: 27 Oct 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.6	36.1	54.1	
54	43.2	41.4	62.2	





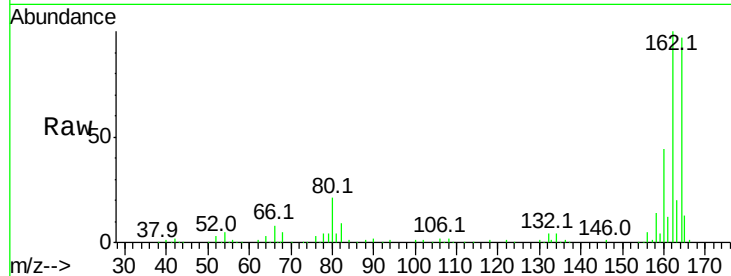
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099891.D
Acq: 27 Oct 2017 22:46

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.0	38.3	57.5

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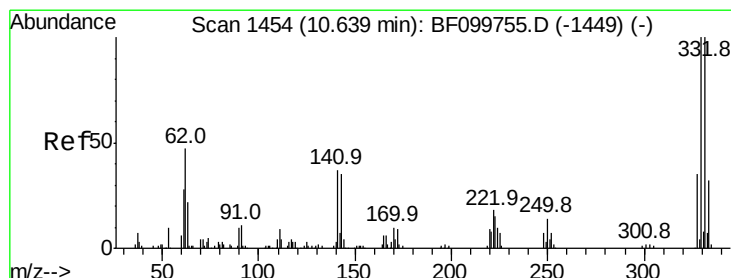
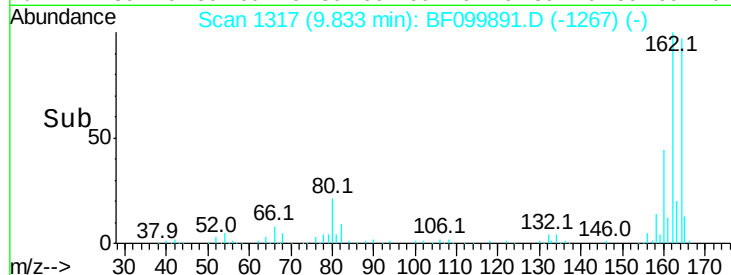
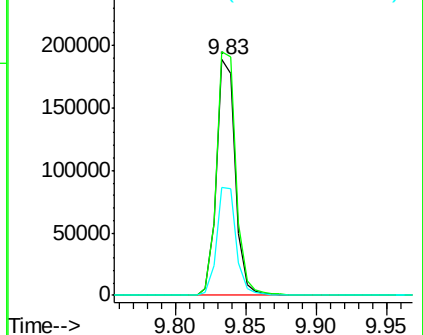


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 90.269 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099891.D
Acq: 27 Oct 2017 22:46

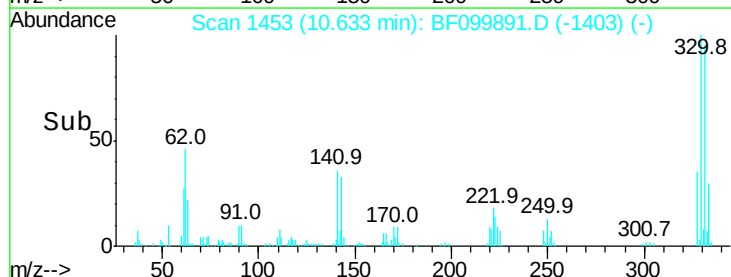
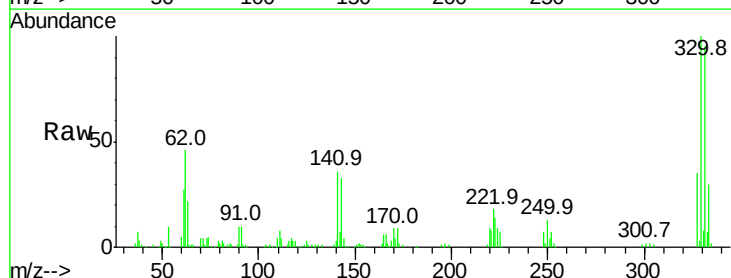
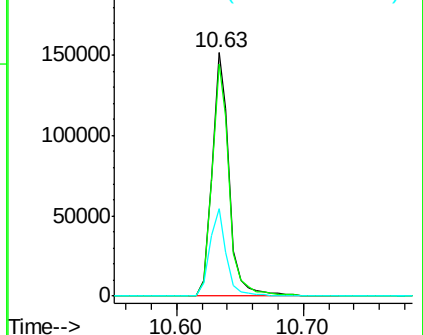
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.9	29.9	44.9

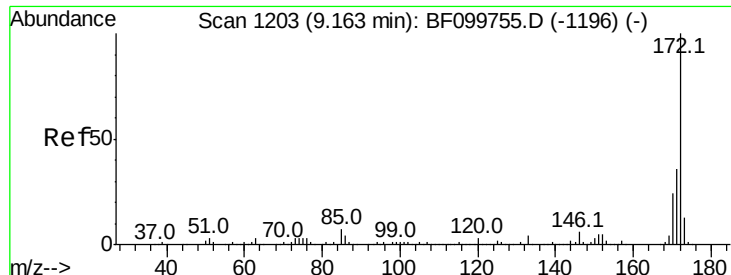
Abundance

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





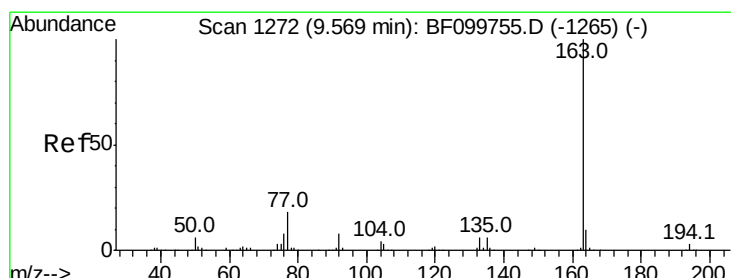
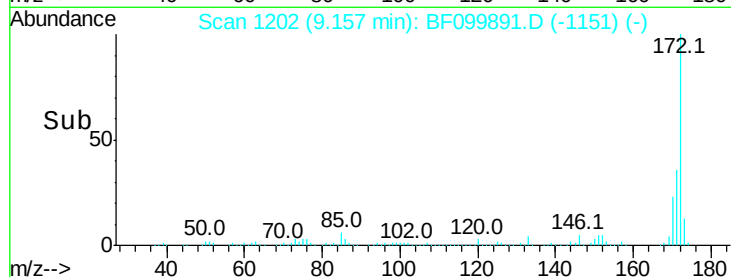
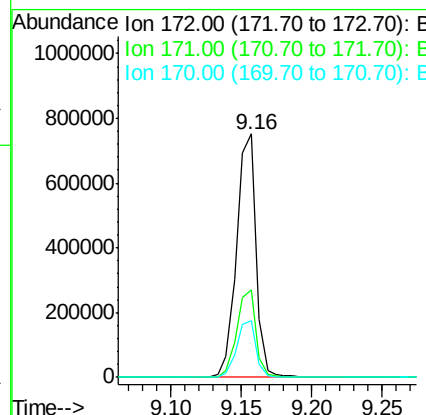
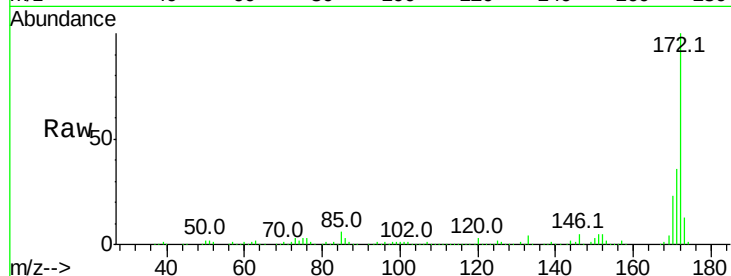
#44
2-Fluorobiphenyl
Concen: 63.873 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF099891.D
Acq: 27 Oct 2017 22:46

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(0-5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4

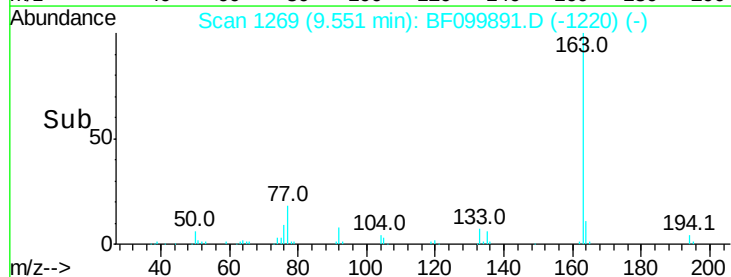
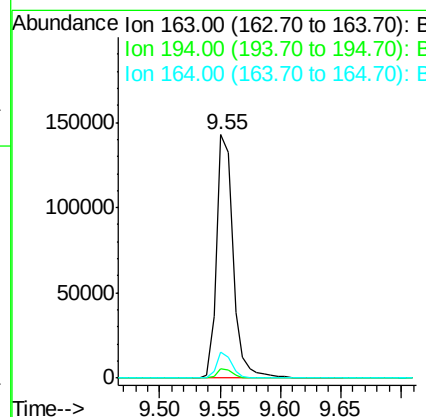
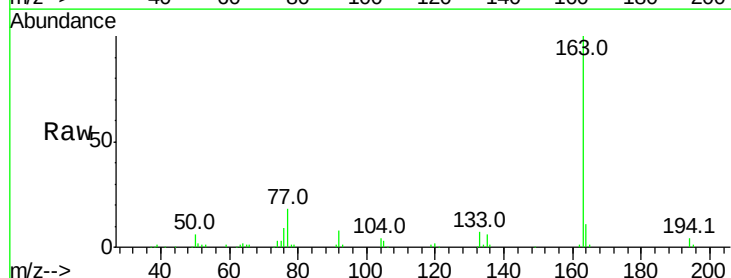
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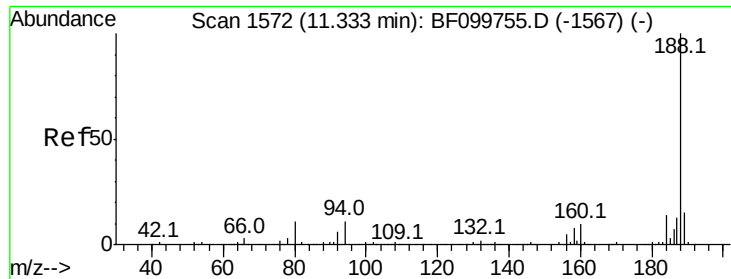
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#49
Dimethylphthalate
Concen: 9.718 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099891.D
Acq: 27 Oct 2017 22:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.8	8.2	12.2





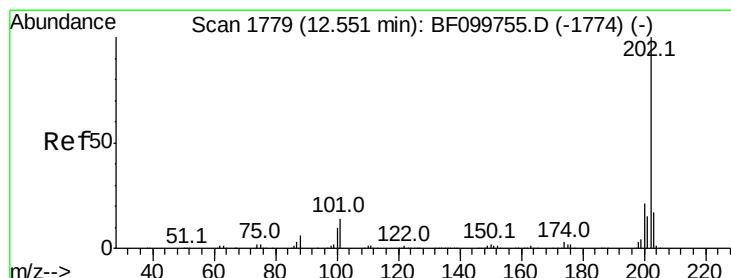
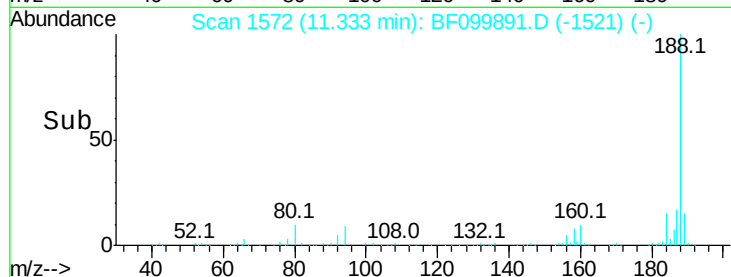
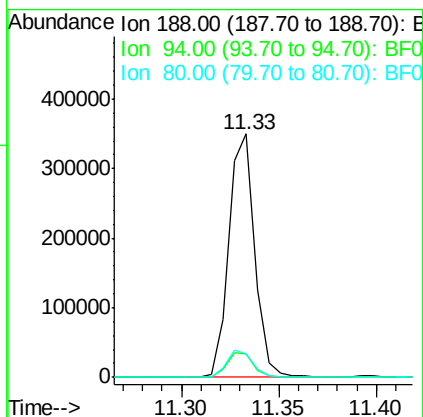
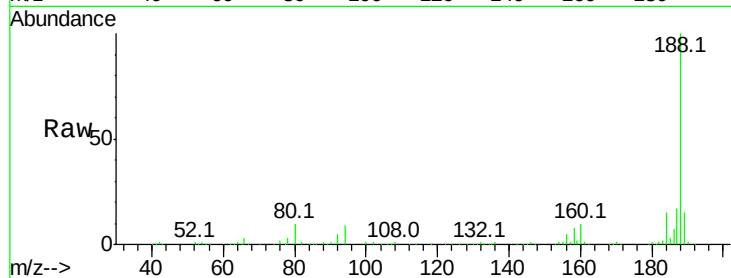
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099891.D
Acq: 27 Oct 2017 22:46

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.4	8.5	12.7	
80	9.8	9.2	13.8	

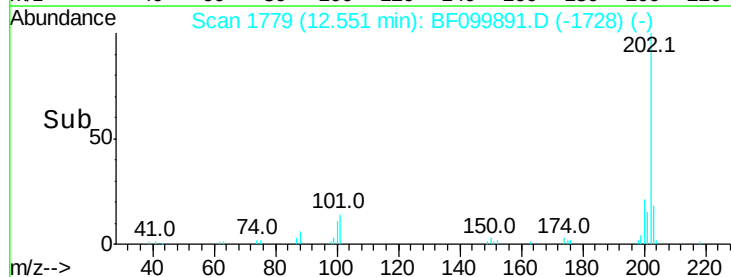
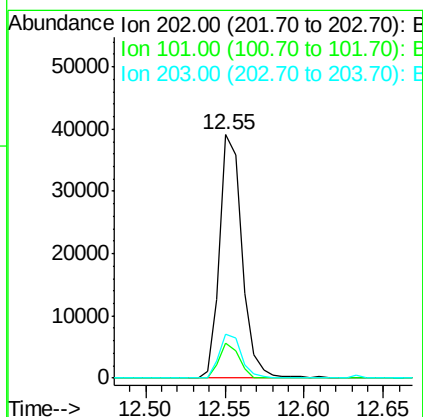
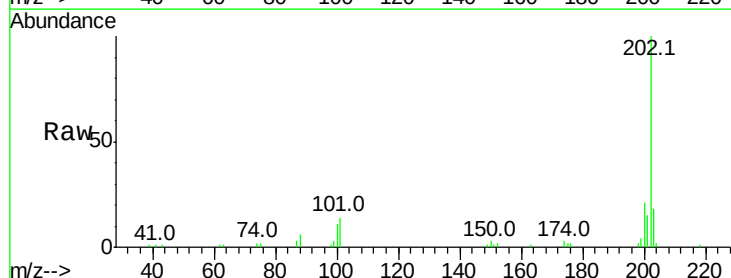
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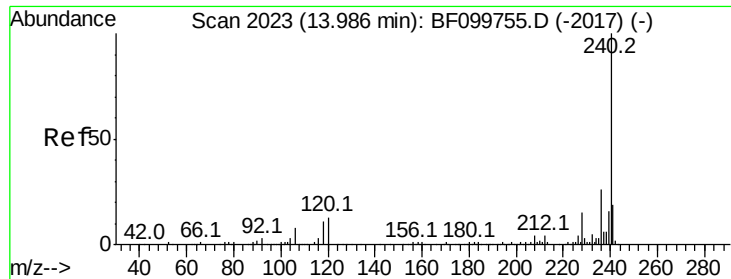
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#74
Fluoranthene
Concen: 2.051 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF099891.D
Acq: 27 Oct 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	14.4	0.0	34.1	
203	18.1	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF099891.D

Acq: 27 Oct 2017 22:46

Instrument :

BNA_F

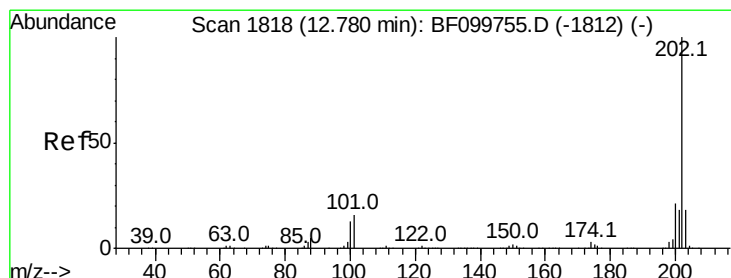
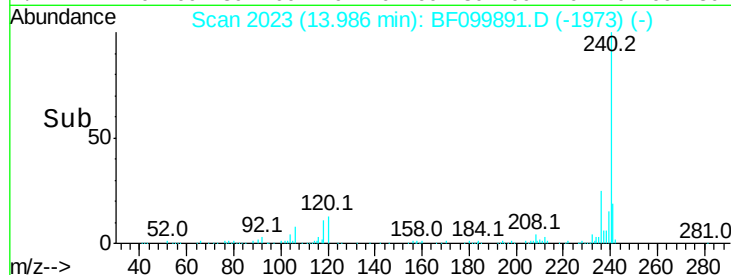
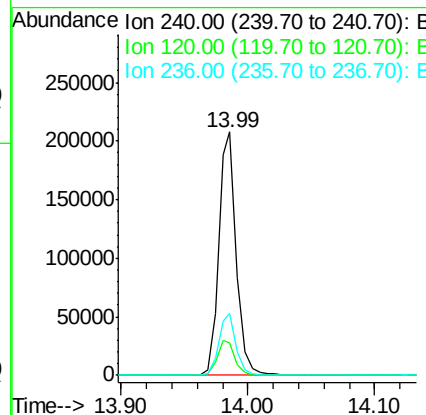
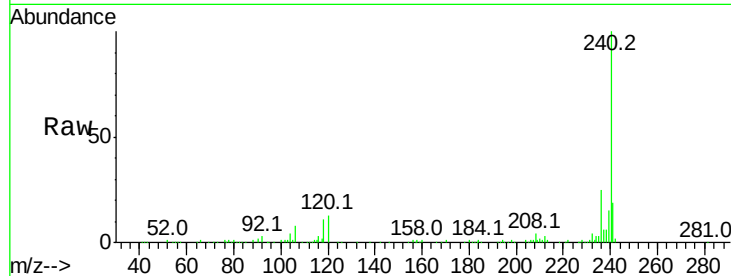
ClientSampleId :

EPE-P-5A(0-5)

Tot Ion:	240	Resp:	201578
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.186 ng

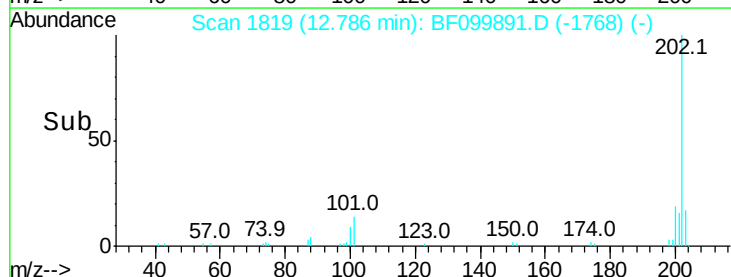
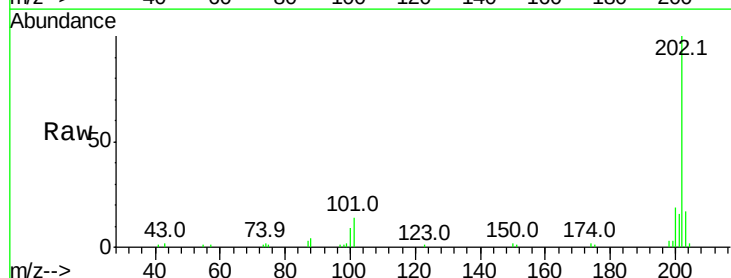
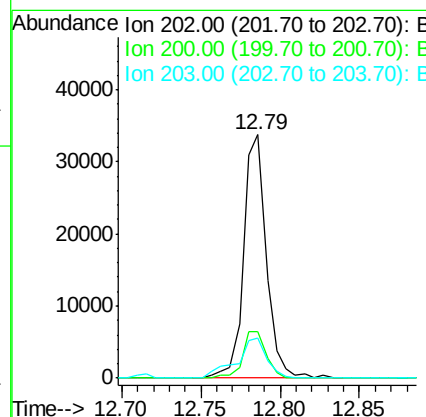
RT: 12.79 min Scan# 1819

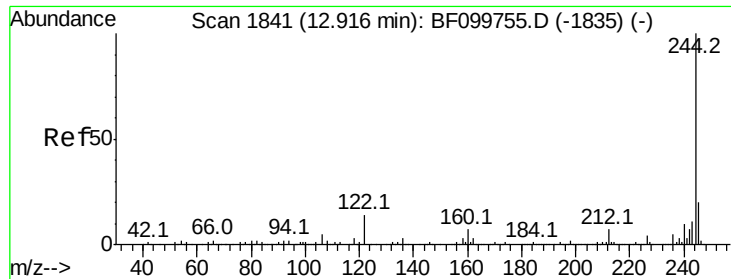
Delta R.T. -0.00 min

Lab File: BF099891.D

Acq: 27 Oct 2017 22:46

Tgt Ion:	202	Resp:	33502
Ion Ratio	Lower	Upper	
202	100		
200	18.9	17.4	26.2
203	16.5	14.3	21.5





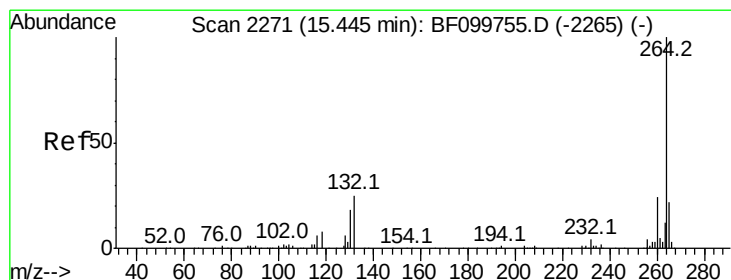
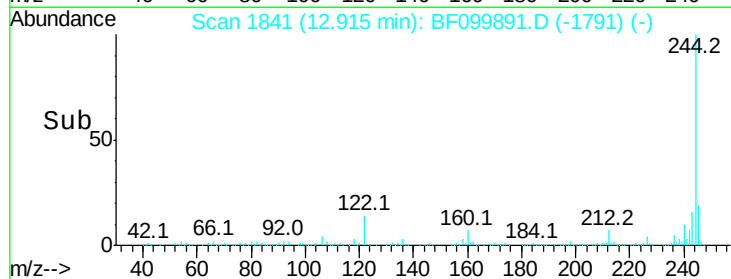
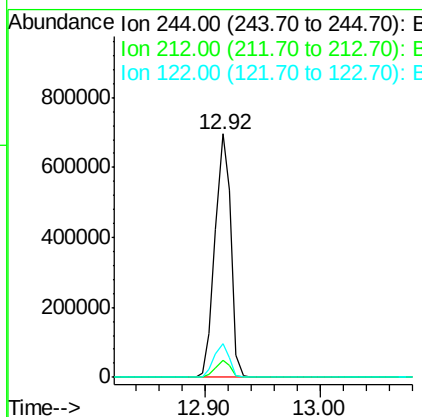
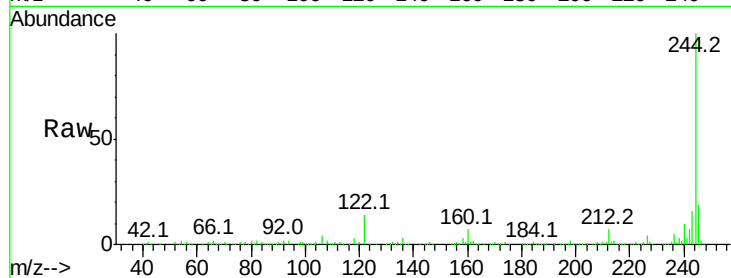
#78
 Terphenyl-d14
 Concen: 71.557 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099891.D
 Acq: 27 Oct 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-5A(0-5)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:16:44 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF099891.D
 Acq: 27 Oct 2017 22:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3

