

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099964.D
 Acq On : 30 Oct 2017 17:19
 Operator : SJ/JU
 Sample : I6196-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-102717

Manual Integrations
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 10/31/2017 7:41:03 PM

Quant Time: Oct 31 02:46:56 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	84299	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	345530	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	156655	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	269155	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	171318	20.00	ng	-0.02
86) Perylene-d12	15.47	264	162673	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	90622	16.88	ng	0.00
7) Phenol-d6	6.43	99	118112	18.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	64953	12.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	25118	17.59	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	143264	14.11	ng	-0.02
78) Terphenyl-d14	12.90	244	104050	13.27	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.54	163	31320	2.525	ng	Qvalue # 94
57) Fluorene	10.37	166	24491	2.163	ng	99
70) Phenanthrene	11.35	178	133656	8.799	ng	97
74) Fluoranthene	12.54	202	75111	4.758	ng	99
77) Pyrene	12.77	202	90183	6.923	ng	97
80) Benzo(a)anthracene	13.97	228	31283	2.880	ng	95
82) Chrysene	14.00	228	27646m	2.708	ng	
87) Benzo(b)fluoranthene	15.04	252	23132m	2.252	ng	
89) Benzo(a)pyrene	15.41	252	20947	2.270	ng	# 83

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

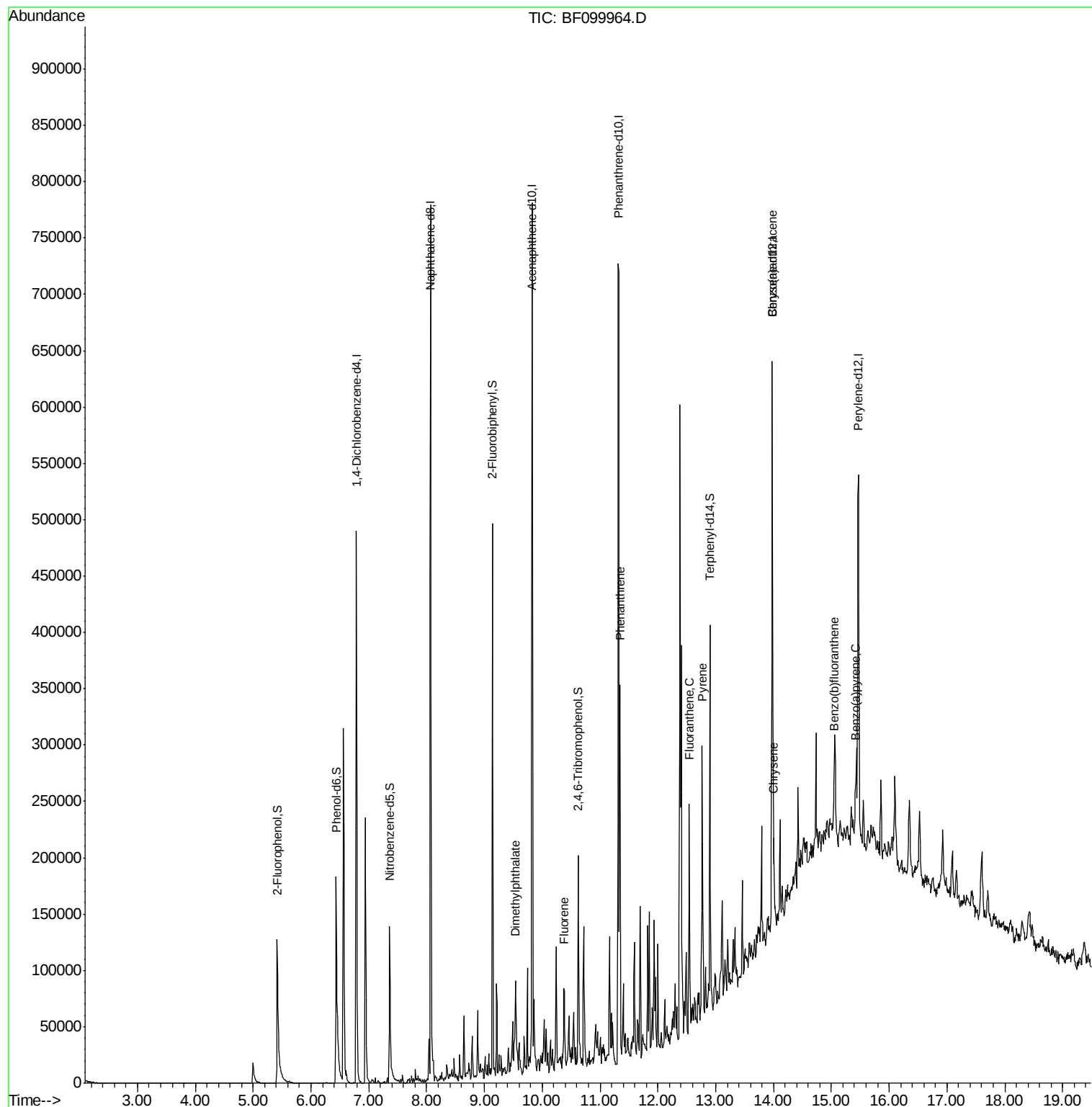
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099964.D
Acq On : 30 Oct 2017 17:19
Operator : SJ/JU
Sample : I6196-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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Response via : Initial Calibration





#1

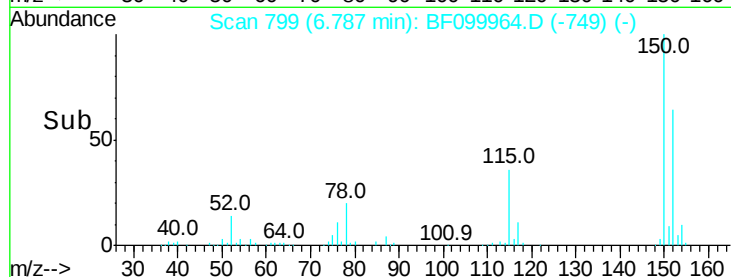
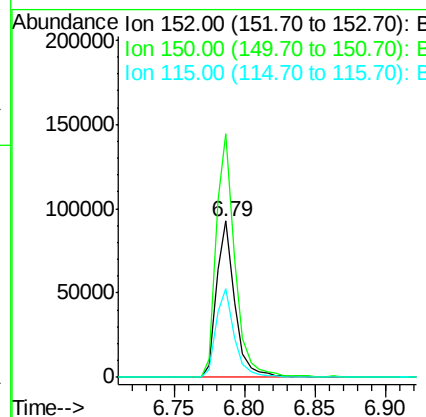
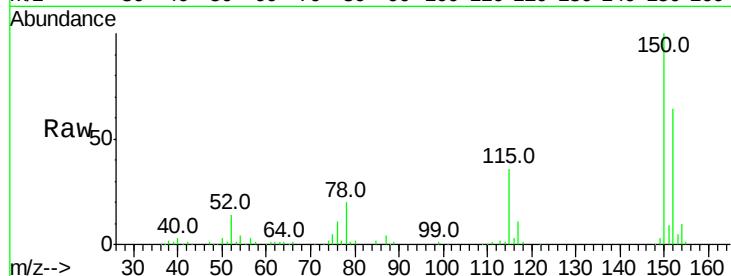
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Instrument :
BNA_F
ClientSampleId :
OK-03-102717

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	56.8	50.1	75.1

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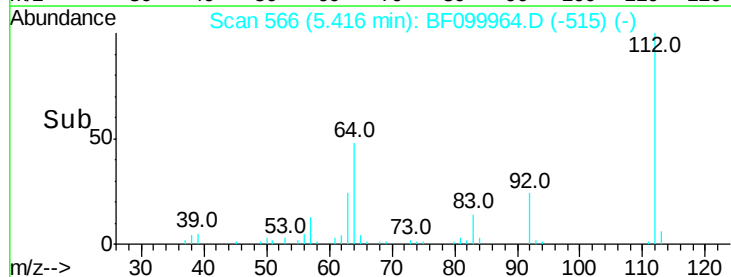
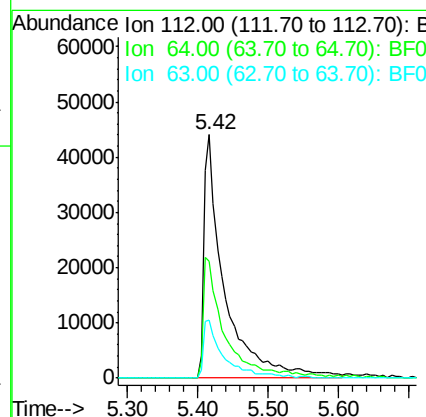
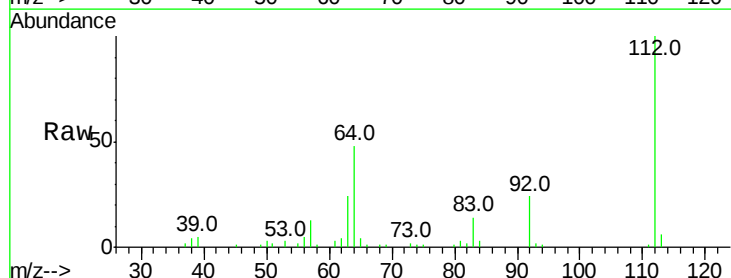
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#5

2-Fluorophenol
Concen: 16.877 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.9	47.9	71.9#
63	24.0	23.7	35.5





#7

Phenol-d6

Concen: 18.552 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099964.D

Acq: 30 Oct 2017 17:19

Instrument :

BNA_F

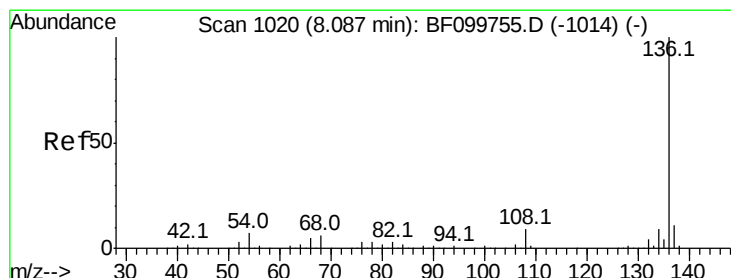
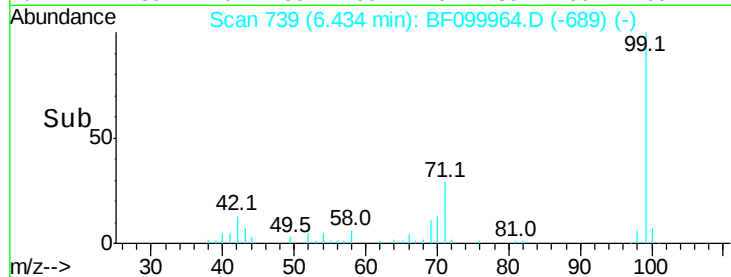
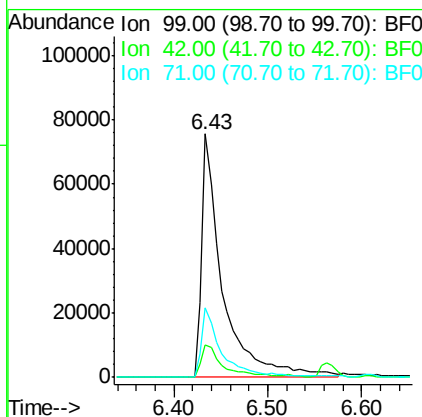
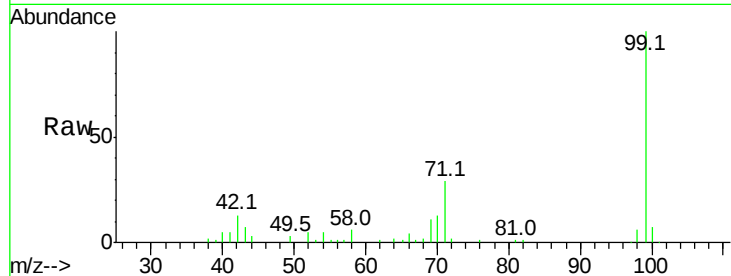
ClientSampleId :

OK-03-102717

Tot Ion:	99	Resp:	118112
Ion Ratio	Lower	Upper	
99	100		
42	13.1	14.5	21.7#
71	28.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

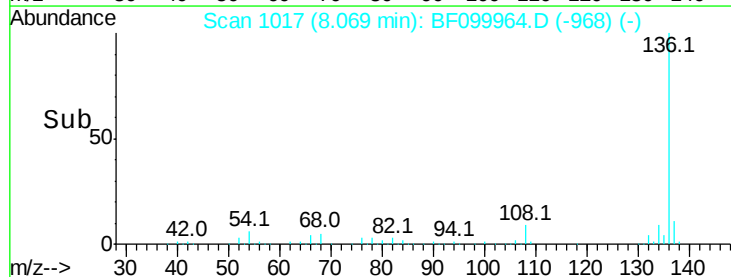
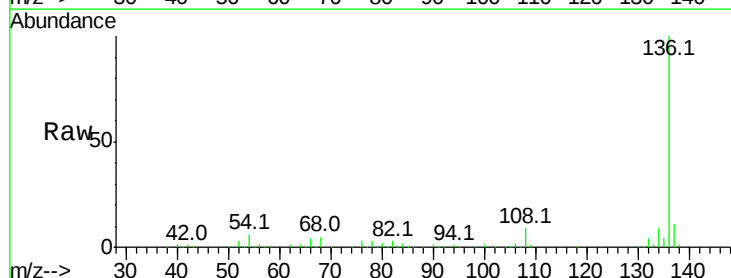
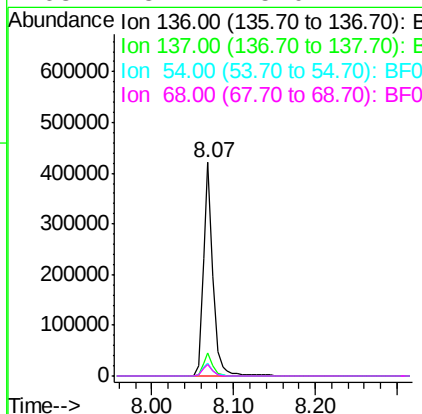
RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099964.D

Acq: 30 Oct 2017 17:19

Tgt Ion:	136	Resp:	345530
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4





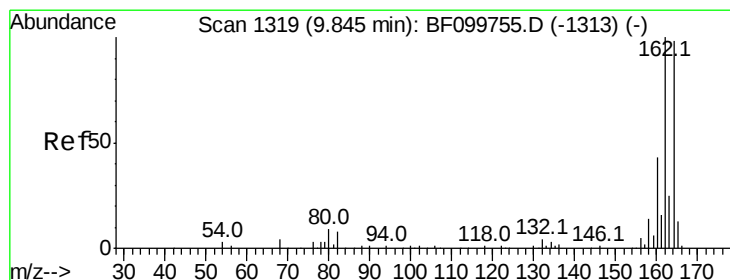
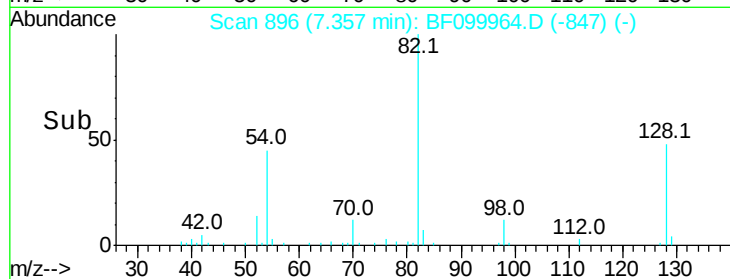
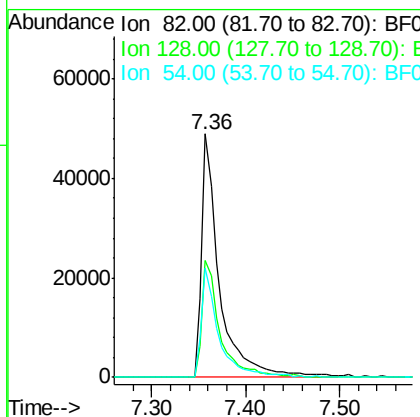
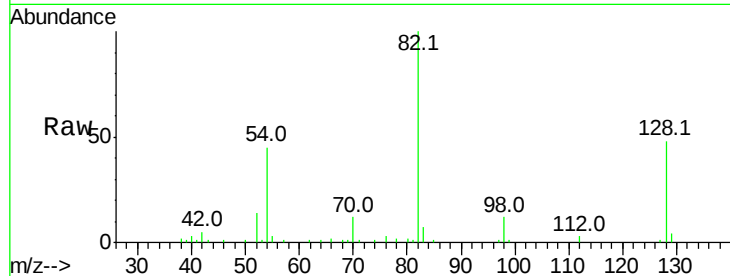
#23
 Nitrobenzene-d5
 Concen: 12.102 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099964.D
 Acq: 30 Oct 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-102717

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	44.7	41.4	62.2

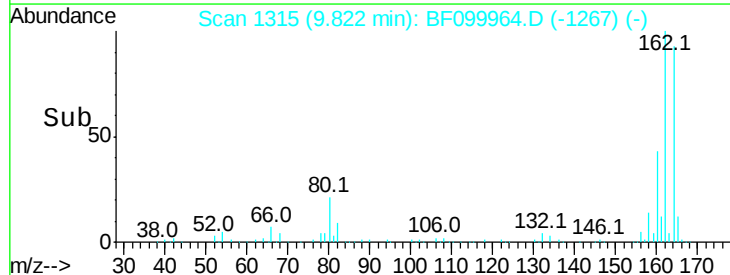
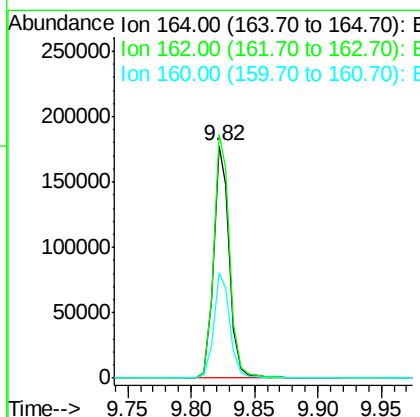
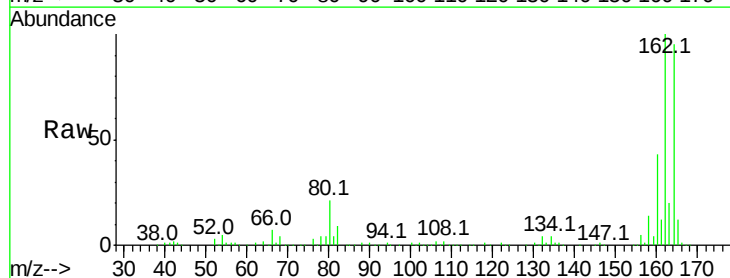
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099964.D
 Acq: 30 Oct 2017 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	45.3	38.3	57.5





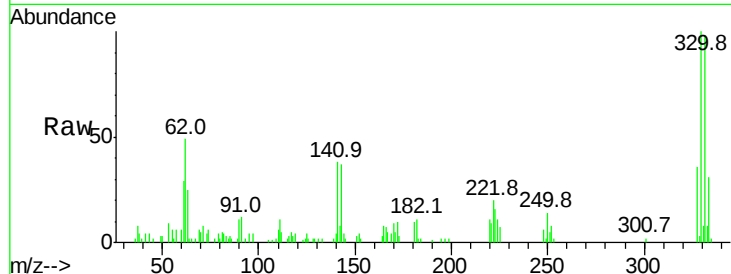
#41
 2,4,6-Tribromophenol
 Concen: 17.594 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099964.D
 Acq: 30 Oct 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-102717

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.0	115.6	
141	38.4	29.9	44.9	

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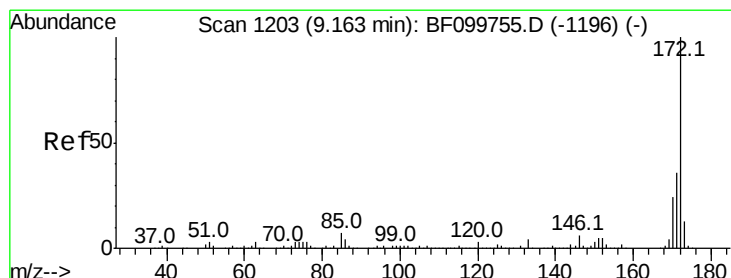
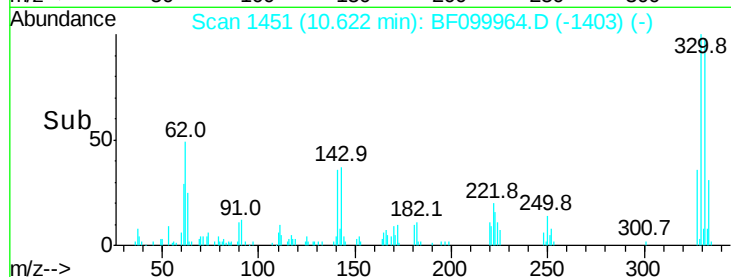
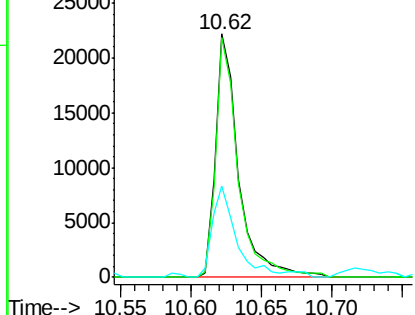


Abundance

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: 14.110 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099964.D
 Acq: 30 Oct 2017 17:19

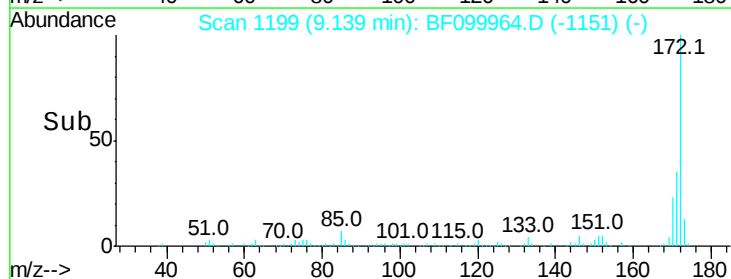
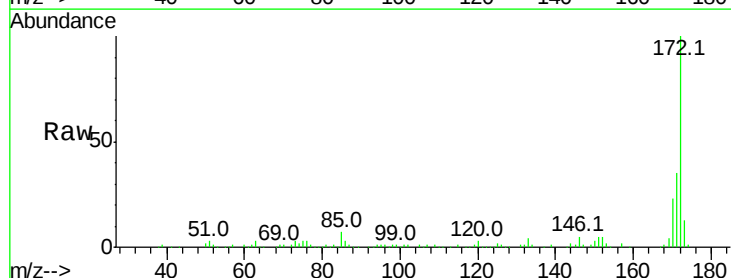
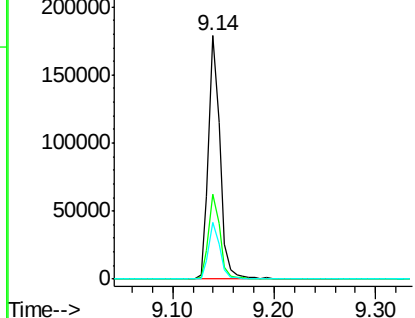
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	29.7	44.5	
170	23.2	19.6	29.4	

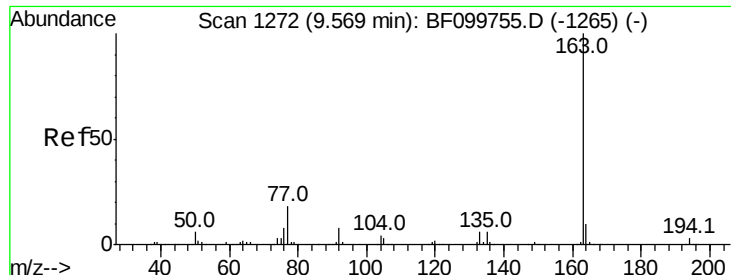
Abundance

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





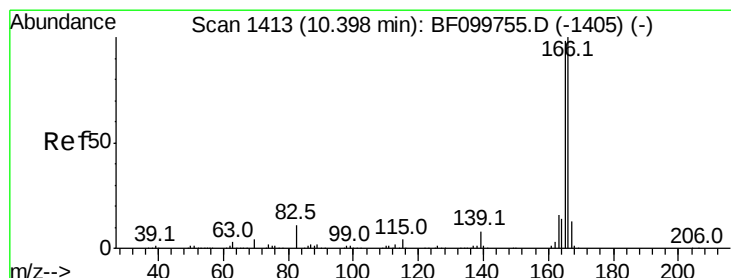
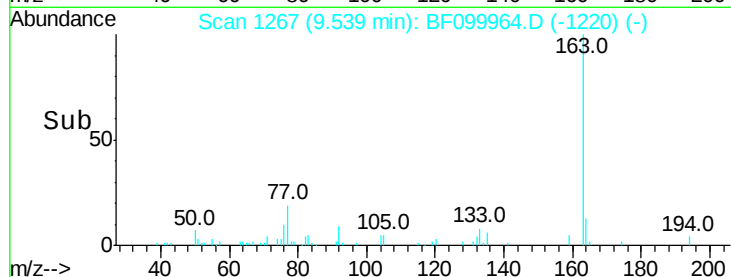
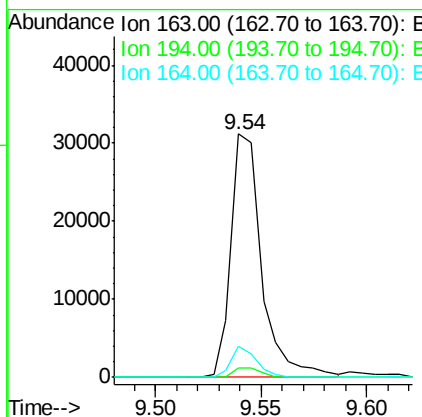
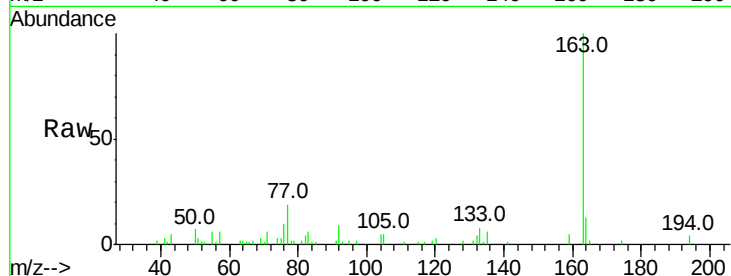
#49
Dimethylphthalate
Concen: 2.525 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Instrument :
BNA_F
ClientSampleId :
OK-03-102717

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1	
164	12.8	8.2	12.2	

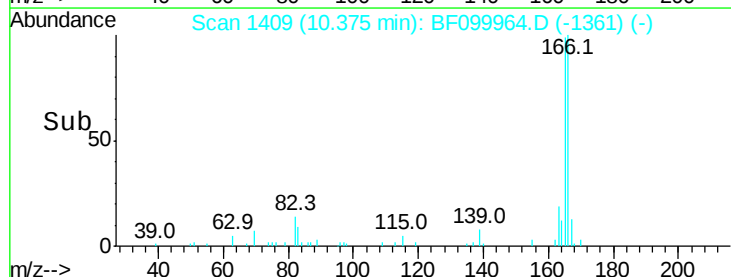
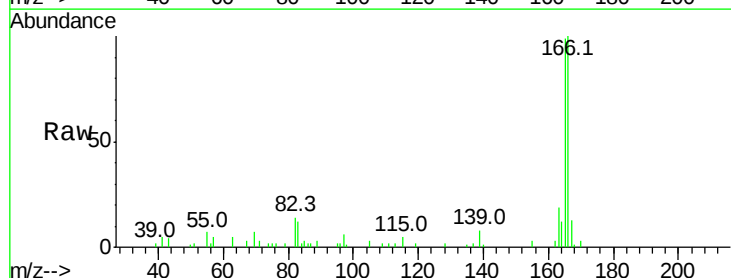
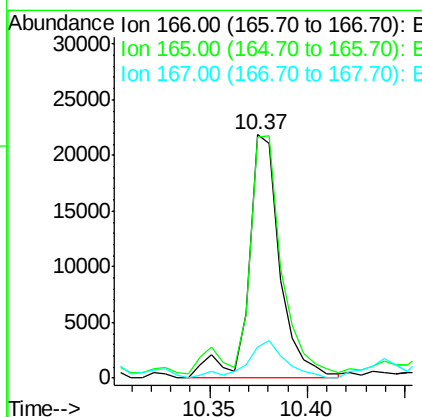
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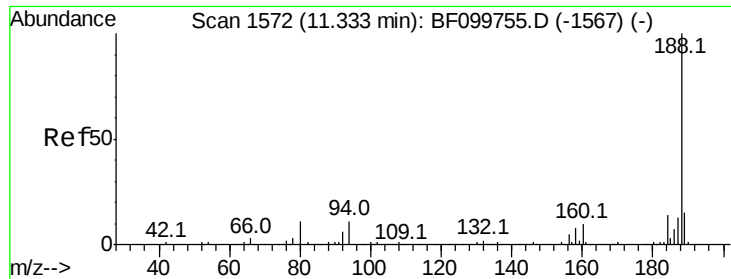
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#57
Fluorene
Concen: 2.163 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.9	79.8	119.8	
167	12.6	10.6	16.0	





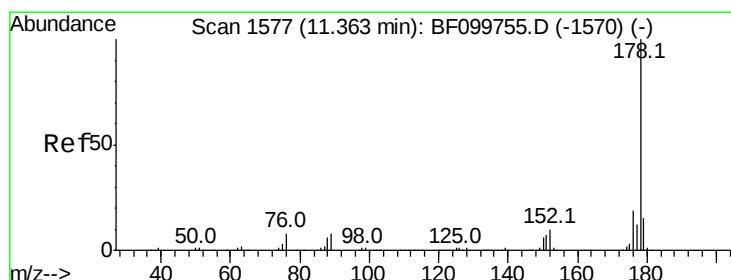
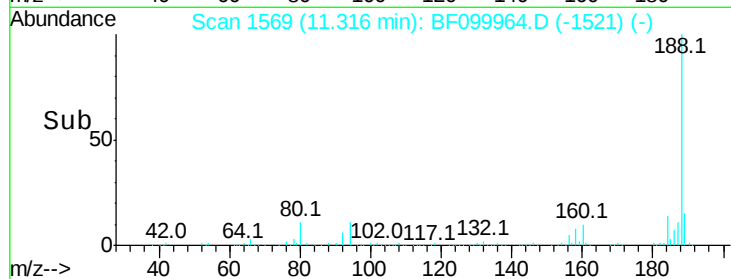
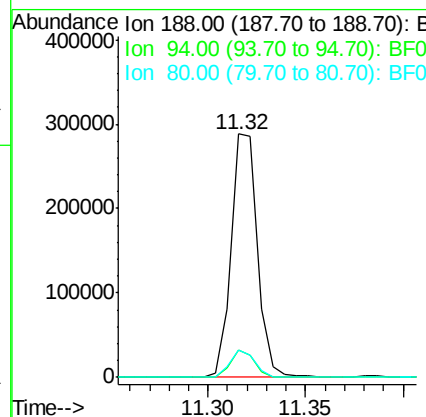
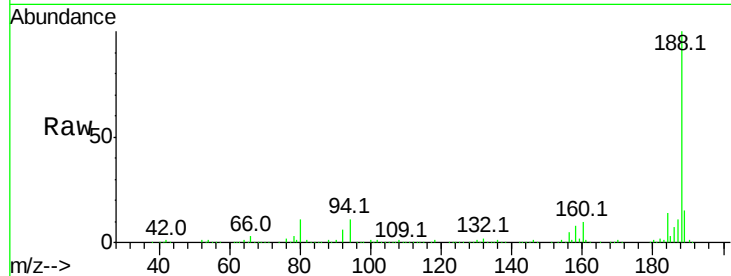
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Instrument :
BNA_F
ClientSampleId :
OK-03-102717

Tot Ion	Ratio	Resp	Lower	Upper
188	100	269155		
94	11.2		8.5	12.7
80	11.1		9.2	13.8

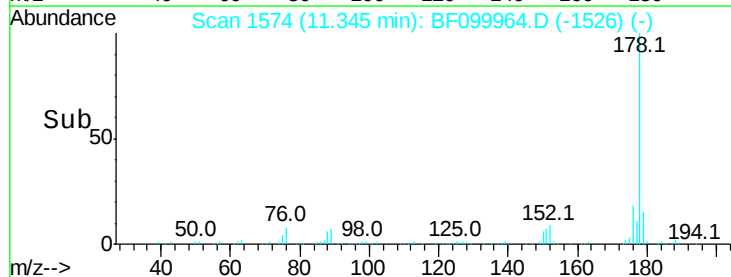
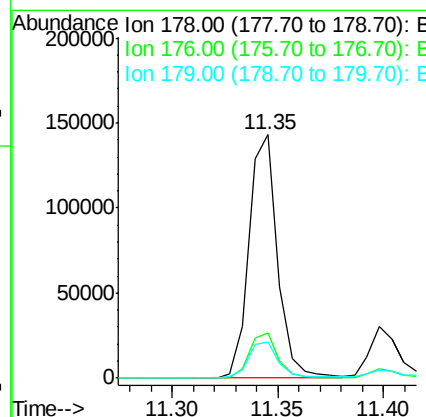
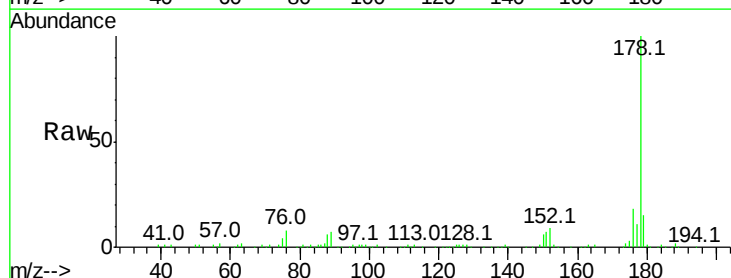
Manual Integrations
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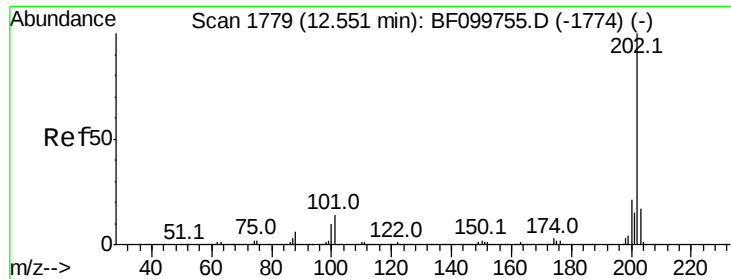
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#70
Phenanthrene
Concen: 8.799 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	133656		
176	18.4		15.8	23.8
179	15.0		13.0	19.6





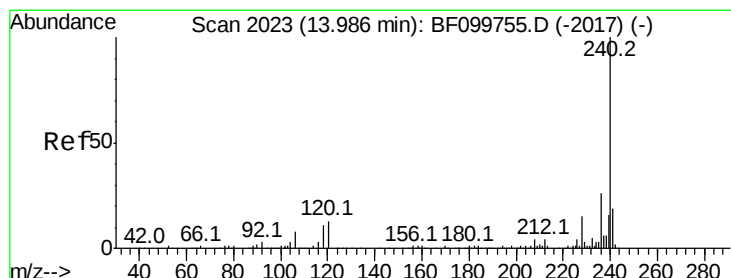
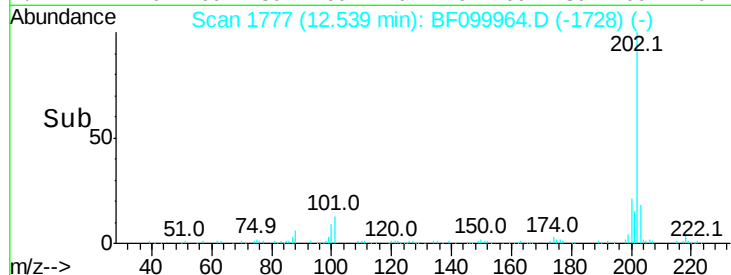
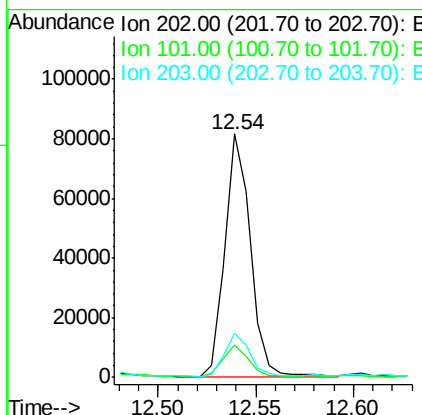
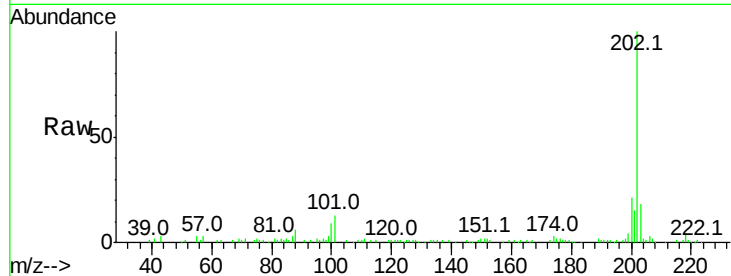
#74
 Fluoranthene
 Concen: 4.758 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF099964.D
 Acq: 30 Oct 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-102717

Tot Ion	Ratio	Resp	Lower	Upper
202	100	75111		
101	13.4	0.0	34.1	
203	18.2	0.0	38.1	

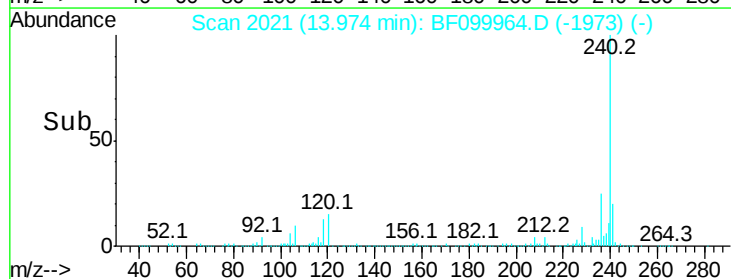
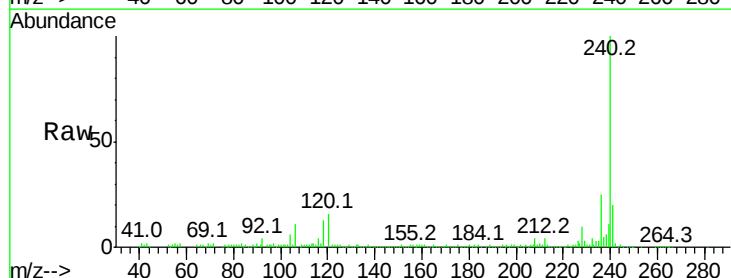
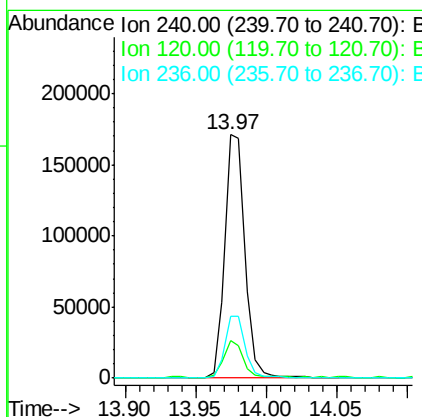
Manual Integrations
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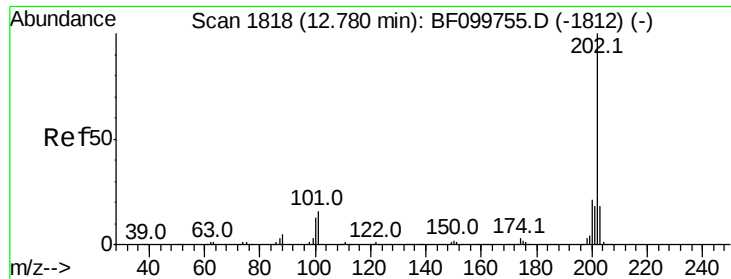
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF099964.D
 Acq: 30 Oct 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	171318		
120	15.6	9.5	14.3#	
236	25.5	20.7	31.1	





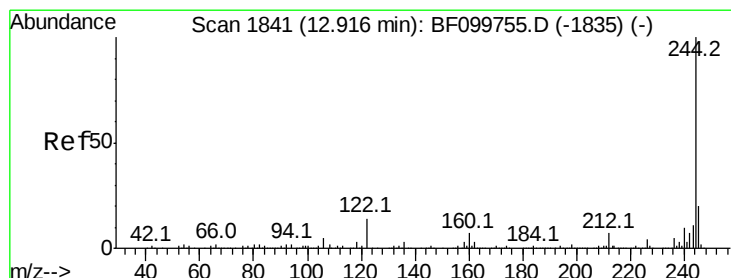
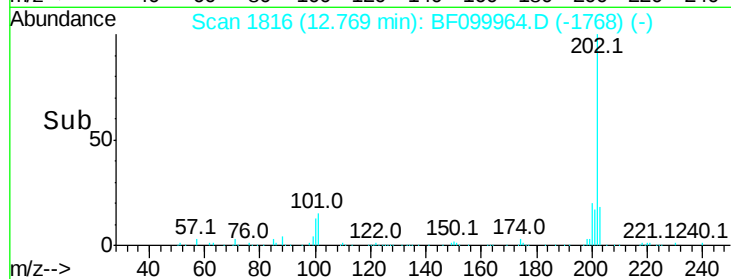
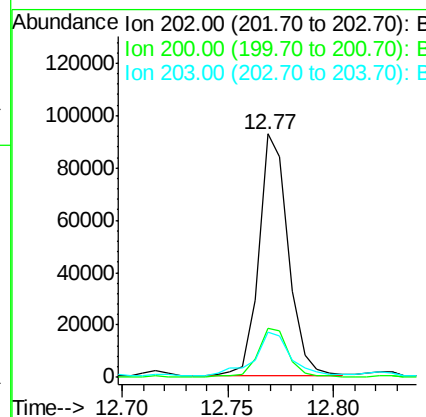
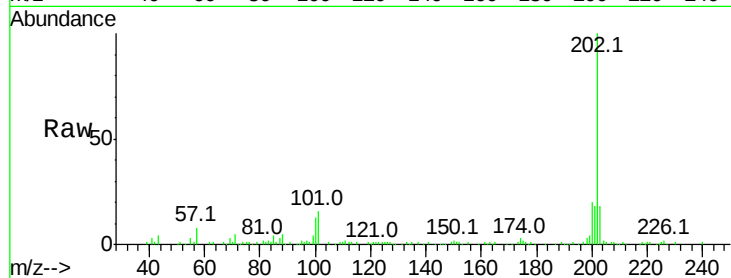
#77
Pvrene
Concen: 6.923 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Instrument :
BNA_F
ClientSampleId :
OK-03-102717

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	18.4	14.3	21.5

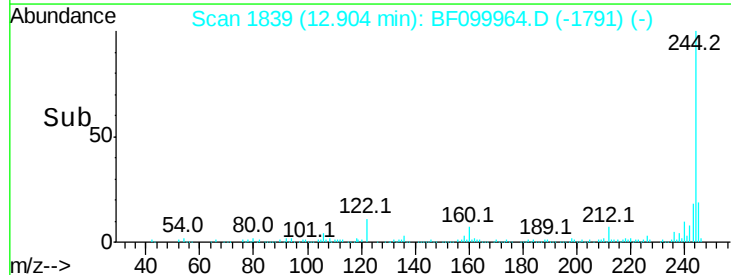
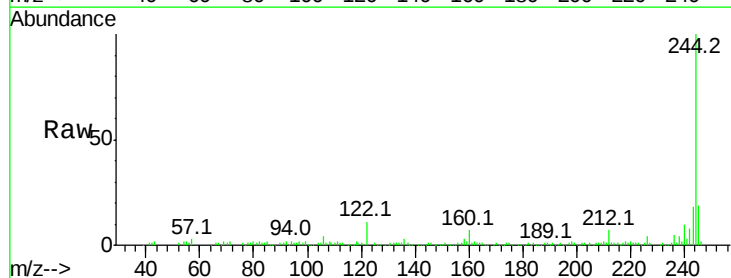
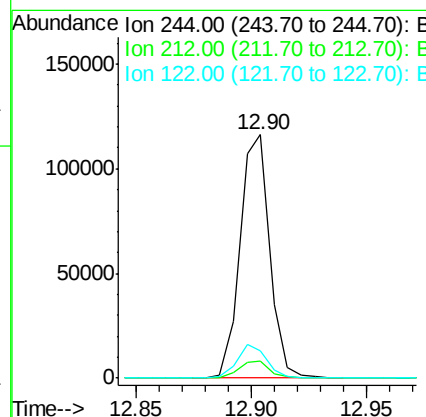
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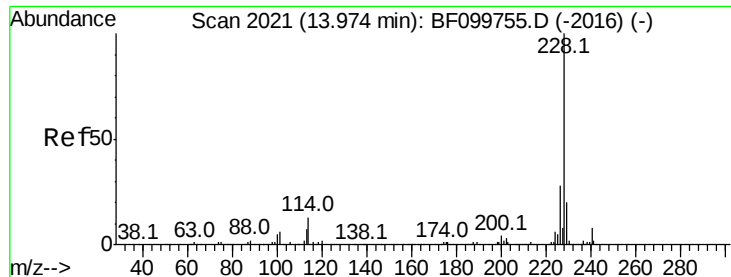
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#78
Terphenyl-d14
Concen: 13.273 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.02 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.4	11.0	16.4





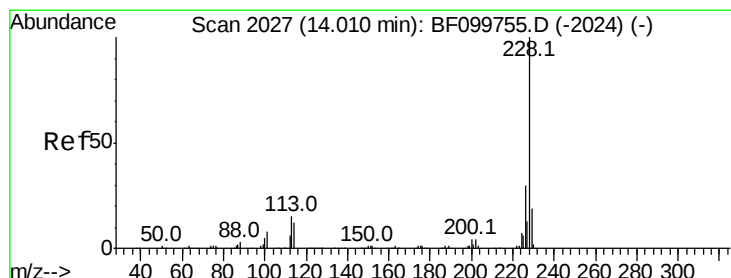
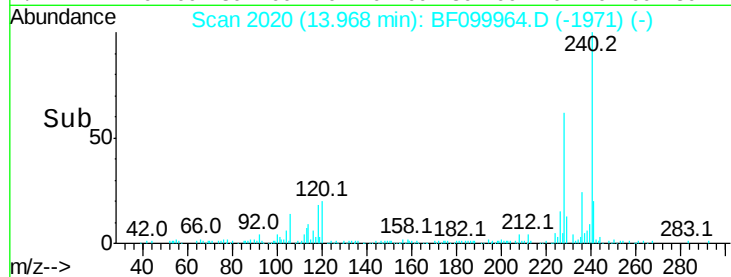
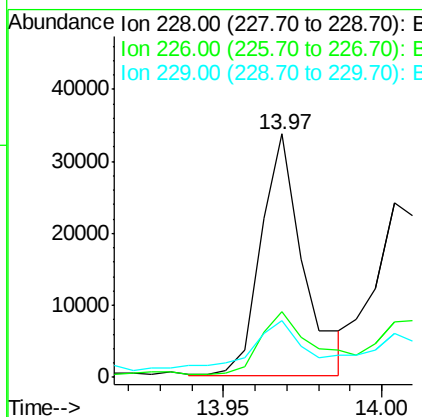
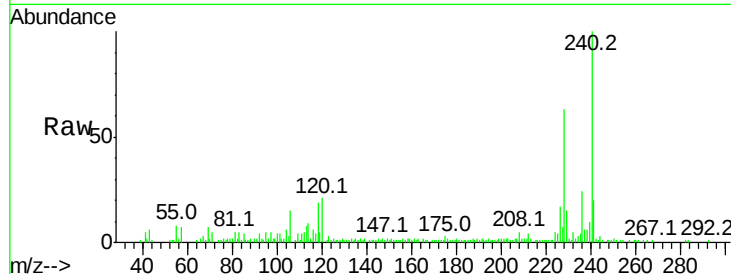
#80
Benzo(a)anthracene
Concen: 2.880 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Instrument :
BNA_F
ClientSampleId :
OK-03-102717

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	23.3	15.8	23.6

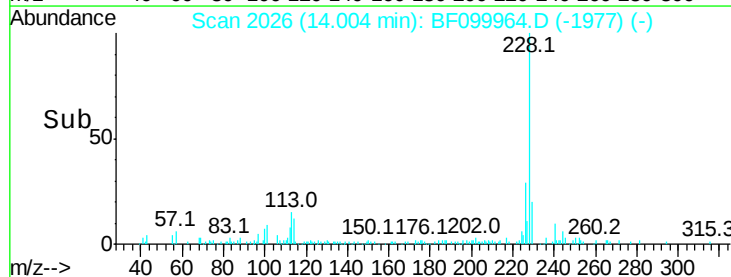
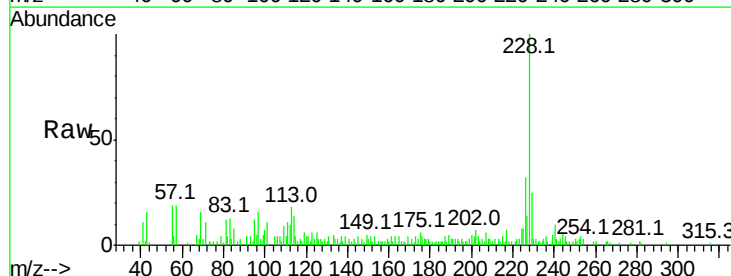
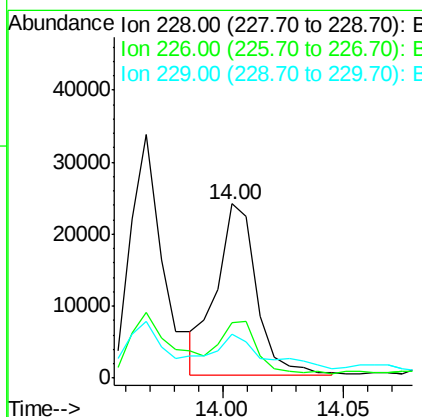
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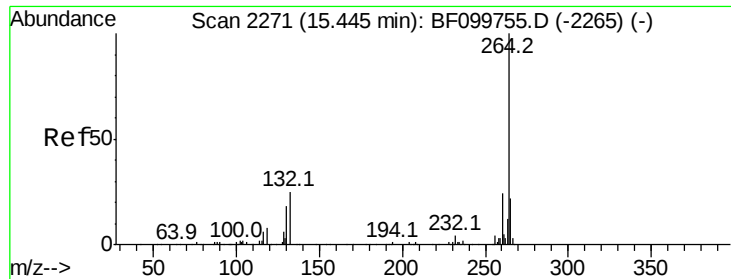
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#82
Chrysene
Concen: 2.708 ng m
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	25.3	16.2	24.4#





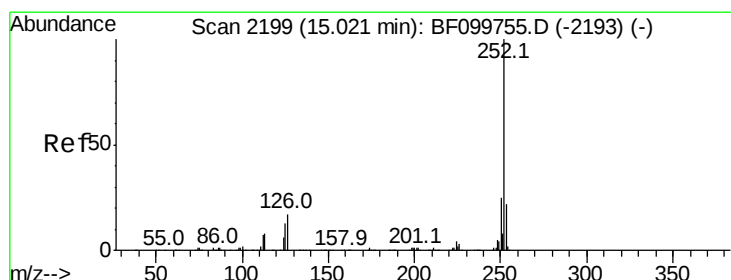
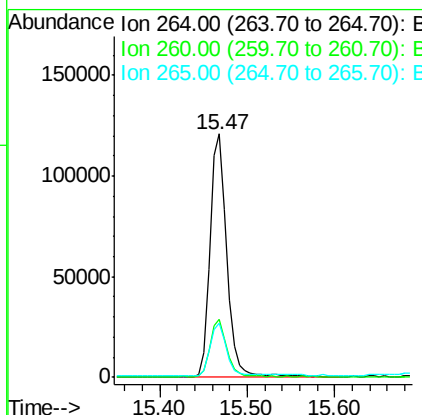
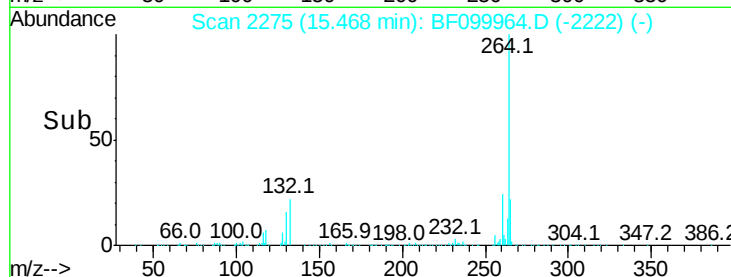
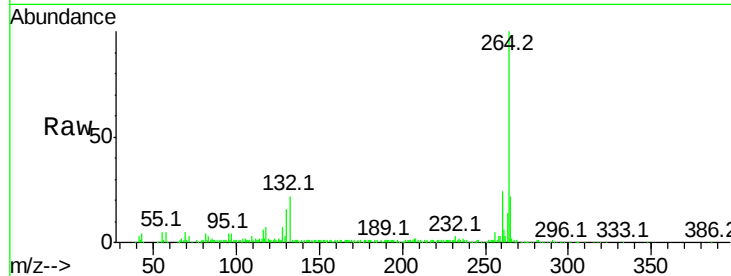
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Instrument :
BNA_F
ClientSampleId :
OK-03-102717

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.5	26.3

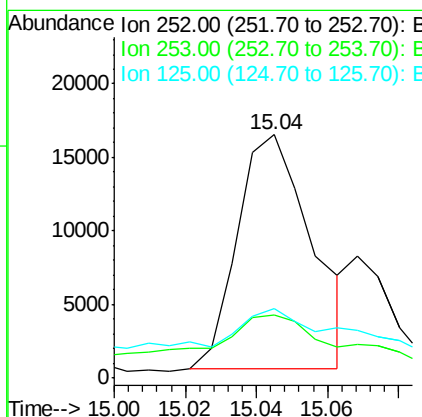
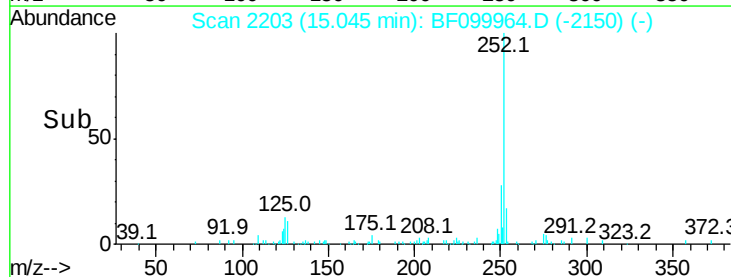
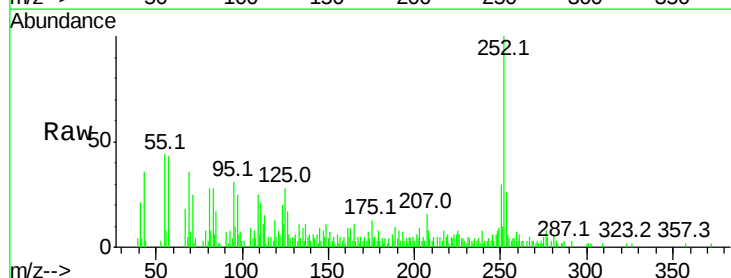
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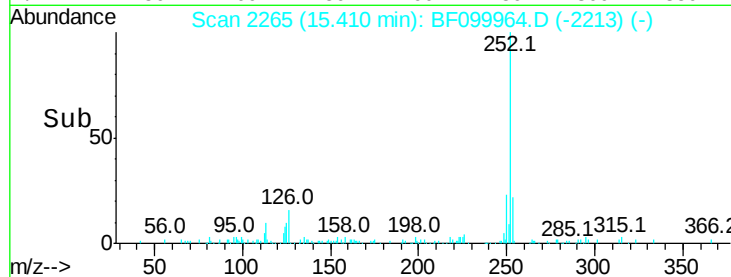
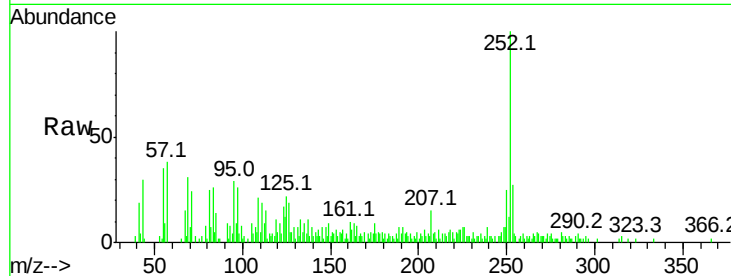
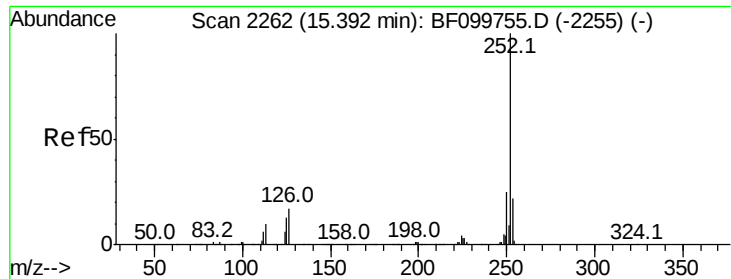
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#87
Benzo(b)fluoranthene
Concen: 2.252 ng m
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF099964.D
Acq: 30 Oct 2017 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.0	25.6#
125	28.3	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.270 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF099964.D

Acq: 30 Oct 2017 17:19

Instrument :

BNA_F

ClientSampleId :

OK-03-102717

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.1	25.7#
125	22.2	9.8	14.6#

Manual Integrations
APPROVED

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