

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100050.D
 Acq On : 1 Nov 2017 18:14
 Operator : SJ/JU
 Sample : I6200-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-102717

Manual Integrations
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Quant Time: Nov 01 18:56:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	83966	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	340243	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	148100	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	234595	20.00	ng	0.00
75) Chrysene-d12	13.96	240	160984	20.00	ng	-0.01
86) Perylene-d12	15.44	264	163201	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	101845	19.04	ng	0.01
7) Phenol-d6	6.43	99	129640	20.44	ng	0.00
23) Nitrobenzene-d5	7.35	82	68994	13.05	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	24631	18.25	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	152360	15.87	ng	0.00
78) Terphenyl-d14	12.89	244	105150	14.27	ng	-0.01
Target Compounds						
70) Phenanthrene	11.33	178	72290	5.460	ng	98
74) Fluoranthene	12.53	202	94798	6.890	ng	99
77) Pyrene	12.76	202	86322	7.052	ng	98
80) Benzo(a)anthracene	13.95	228	38665	3.789	ng	98
82) Chrysene	13.99	228	35227	3.672	ng	96
85) Indeno(1,2,3-cd)pyrene	16.94	276	19937	2.264	ng	# 86
87) Benzo(b)fluoranthene	15.02	252	44141m	4.283	ng	
89) Benzo(a)pyrene	15.39	252	31583	3.412	ng	# 90
91) Benzo(g,h,i)perylene	17.39	276	19439	2.416	ng	# 91

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

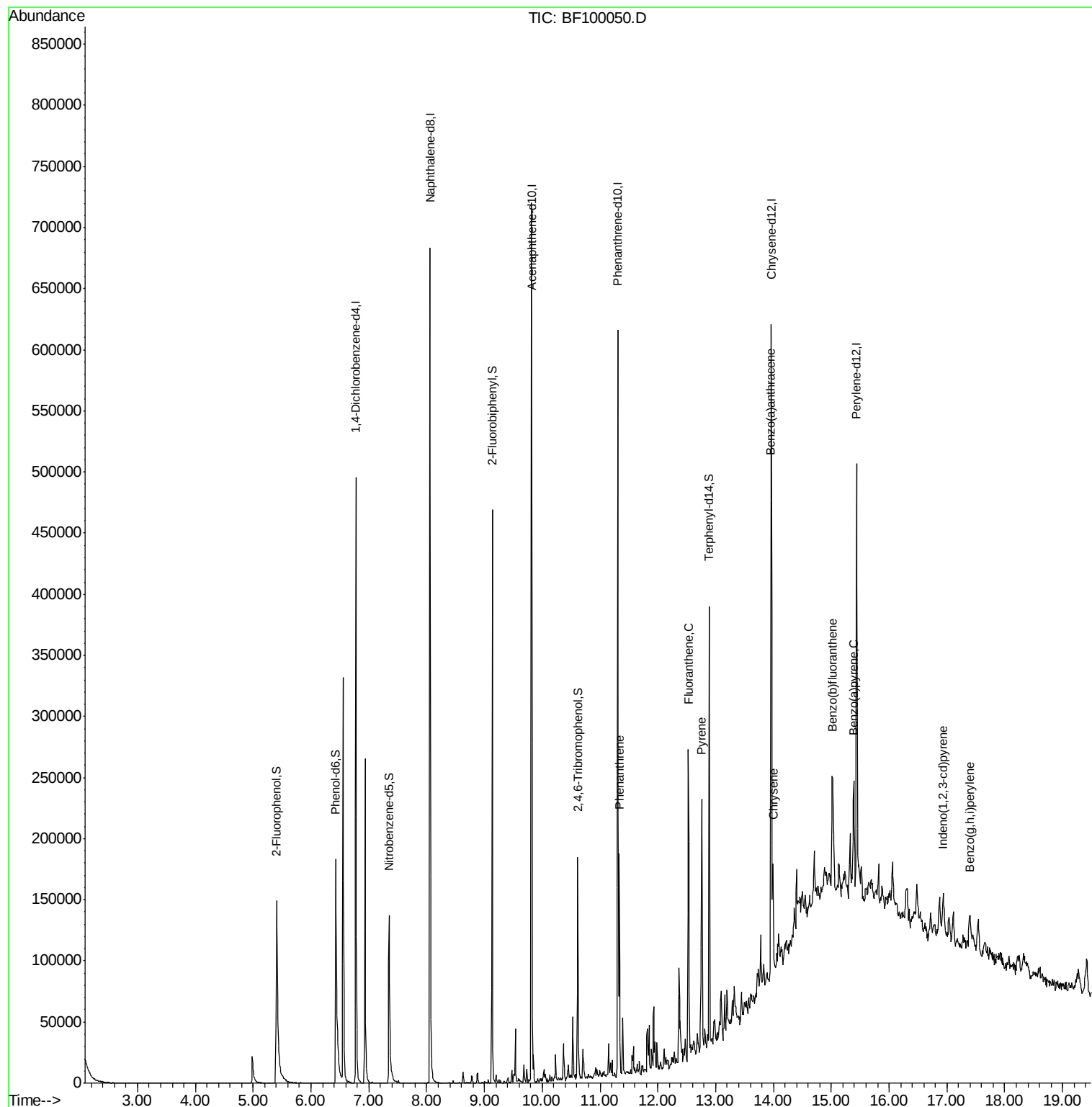
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100050.D
Acq On : 1 Nov 2017 18:14
Operator : SJ/JU
Sample : I6200-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Nov 01 18:56:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration





#1

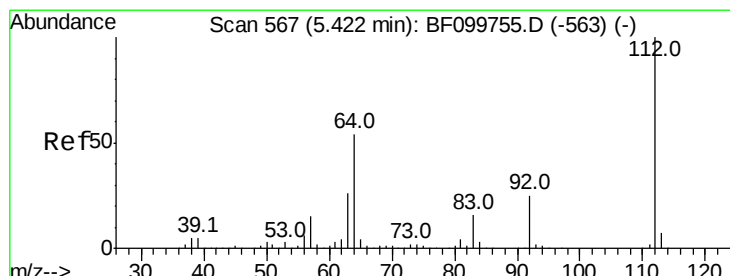
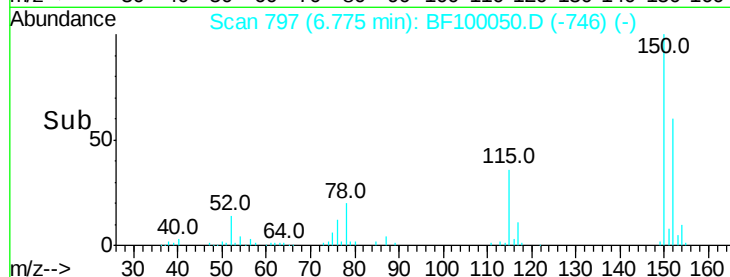
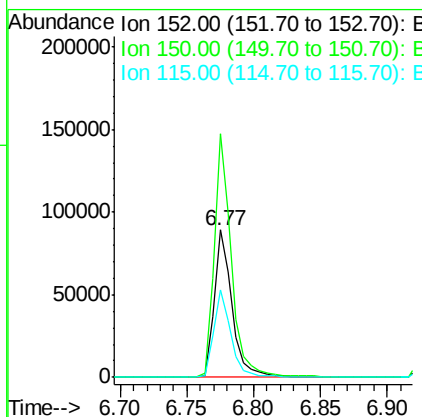
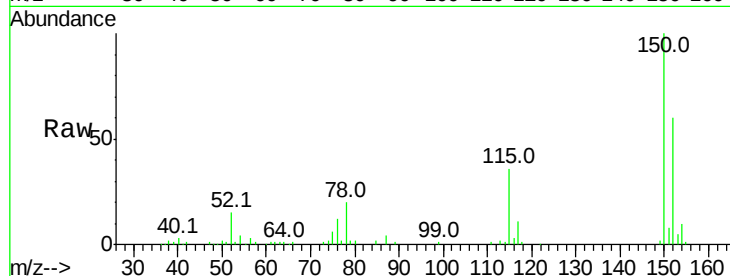
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Instrument :
BNA_F
ClientSampleId :
OR-01-102717

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.3	124.6	186.8
115	59.7	50.1	75.1

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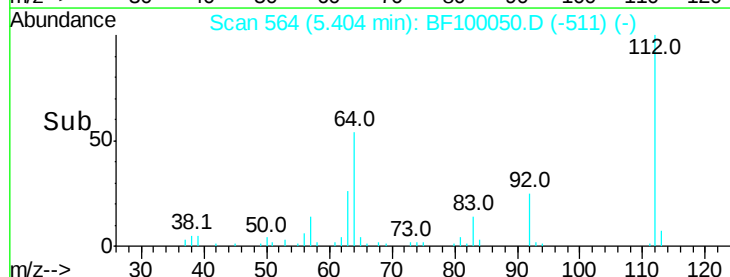
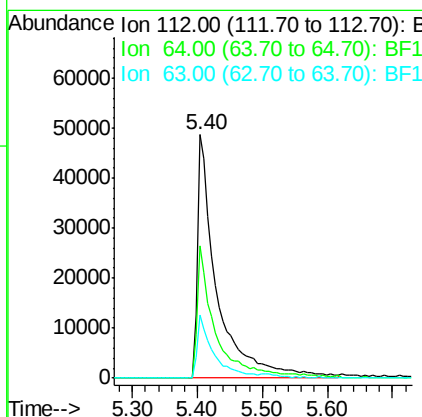
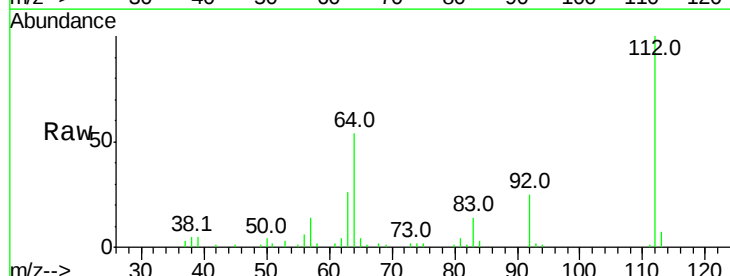
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#5

2-Fluorophenol
Concen: 19.043 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.9	71.9
63	25.8	23.7	35.5





#7

Phenol-d6

Concen: 20.443 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100050.D

Acq: 1 Nov 2017 18:14

Instrument :

BNA_F

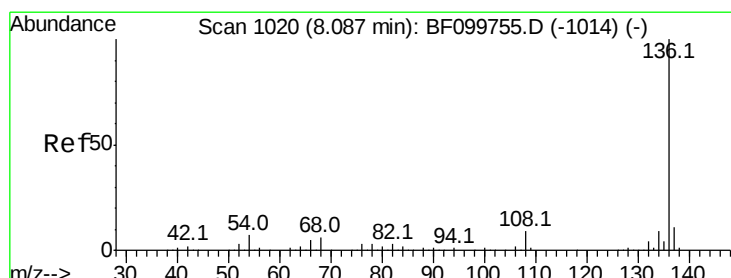
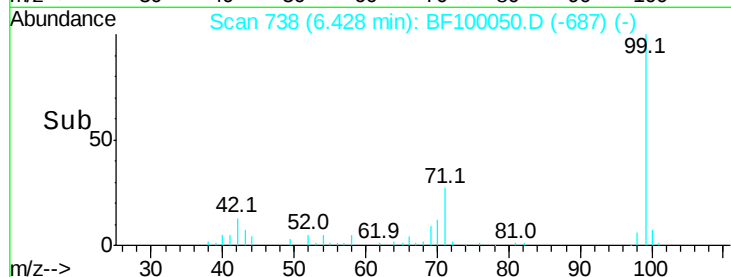
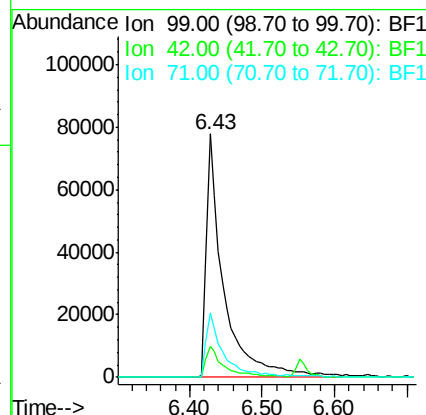
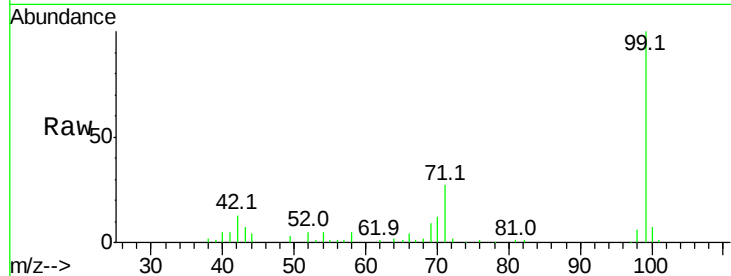
ClientSampled :

OR-01-102717

Tot Ion:	99	Resp:	129640
Ion Ratio	Lower	Upper	
99	100		
42	12.7	14.5	21.7#
71	26.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

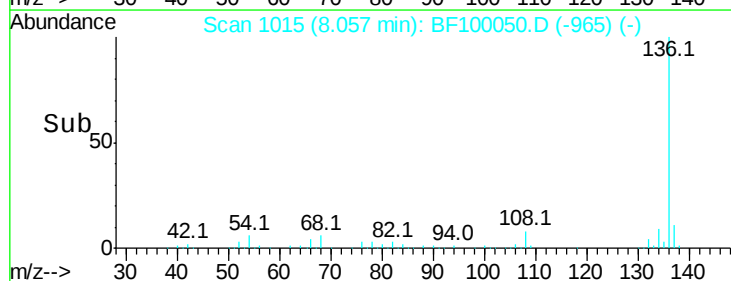
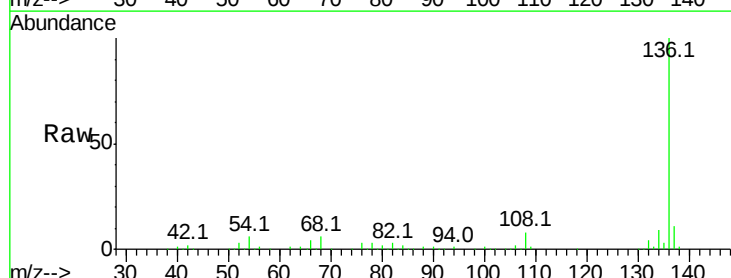
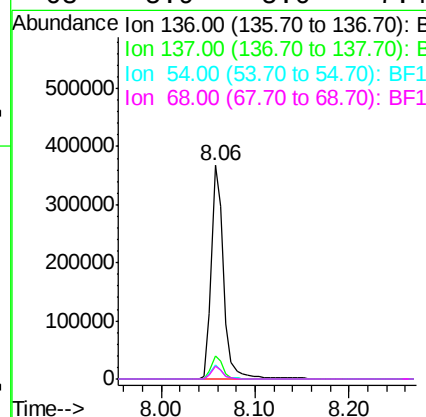
RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF100050.D

Acq: 1 Nov 2017 18:14

Tgt Ion:	136	Resp:	340243
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.4	6.6	9.8#
68	5.9	5.0	7.4





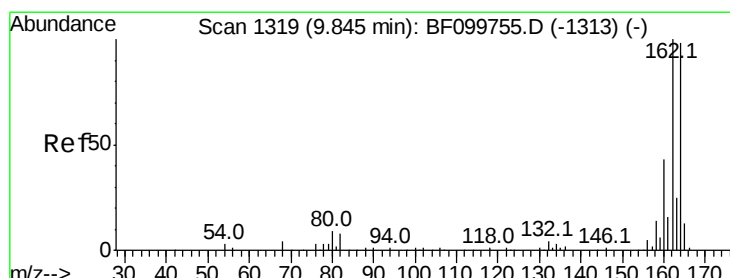
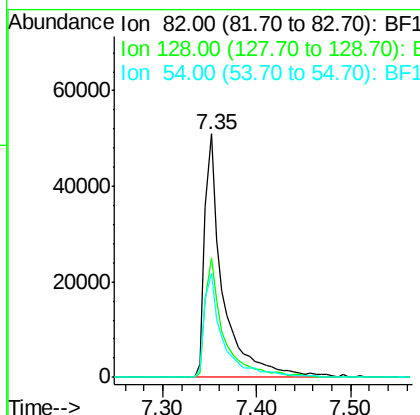
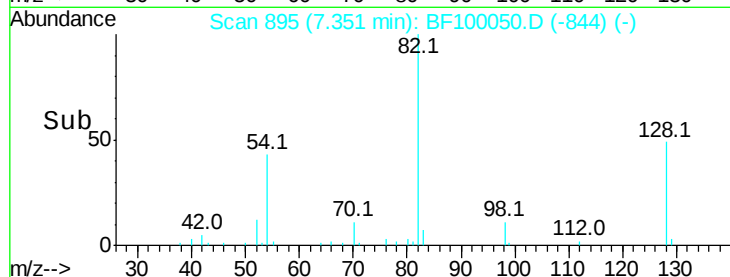
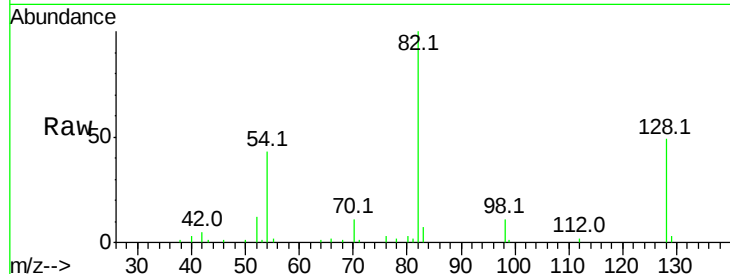
#23
Nitrobenzene-d5
Concen: 13.055 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Instrument :
BNA_F
ClientSampleId :
OR-01-102717

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	42.8	41.4	62.2

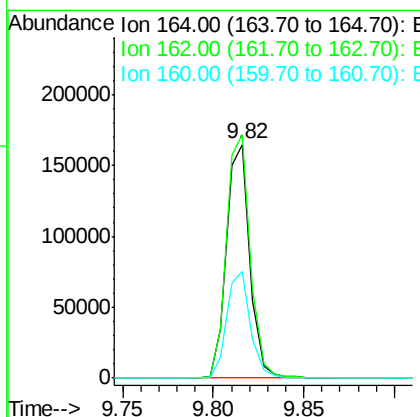
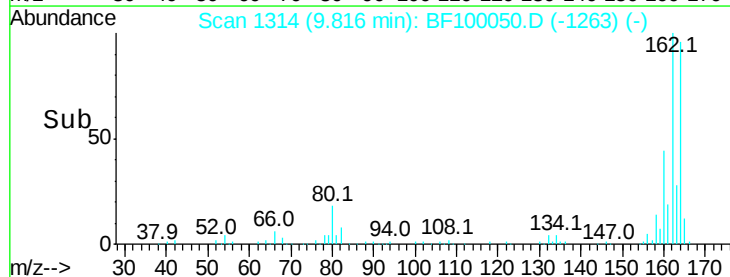
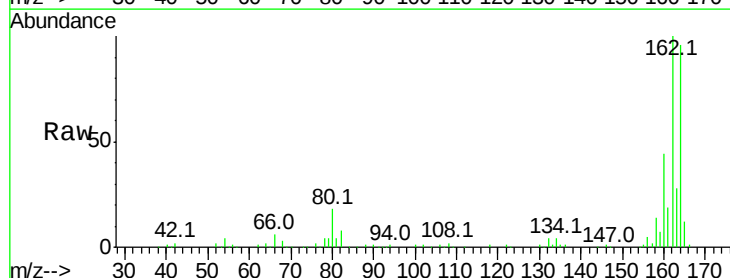
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.9	38.3	57.5





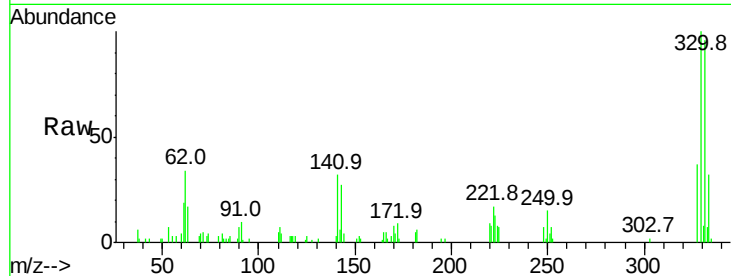
#41
 2,4,6-Tribromophenol
 Concen: 18.250 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF100050.D
 Acq: 1 Nov 2017 18:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-102717

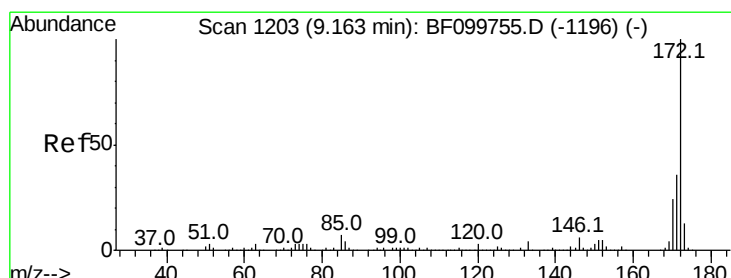
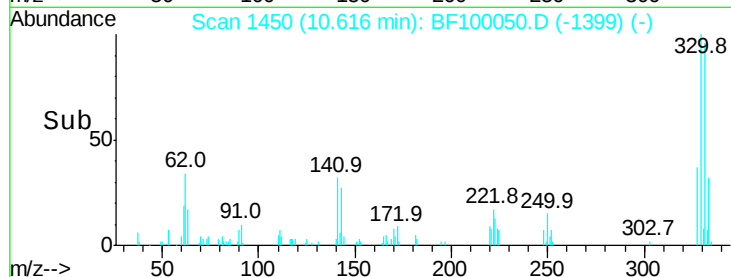
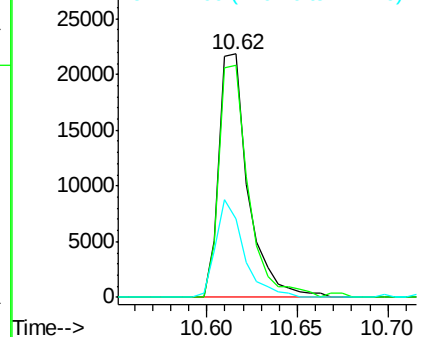
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	38.1	29.9	44.9

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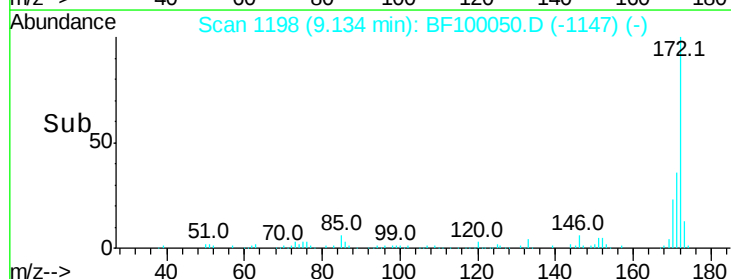
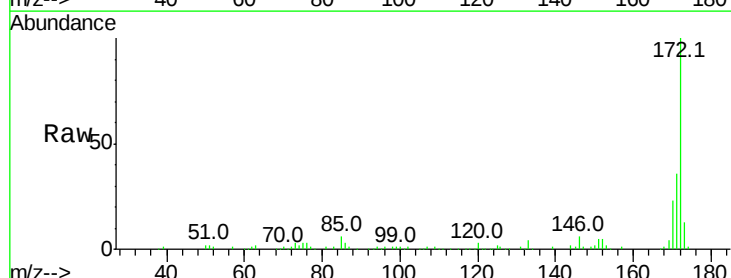
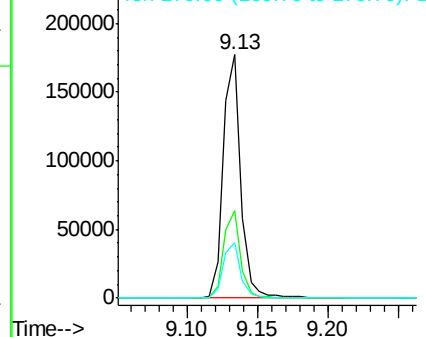
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

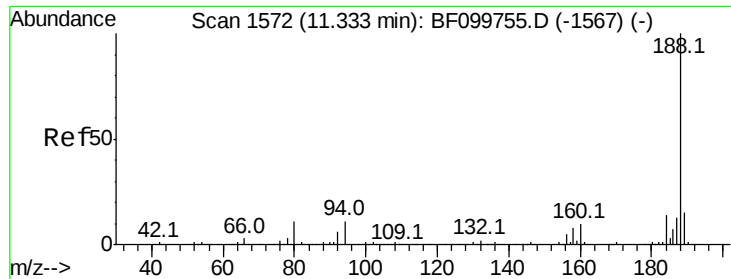


#44
 2-Fluorobiphenyl
 Concen: 15.872 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF100050.D
 Acq: 1 Nov 2017 18:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	22.7	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





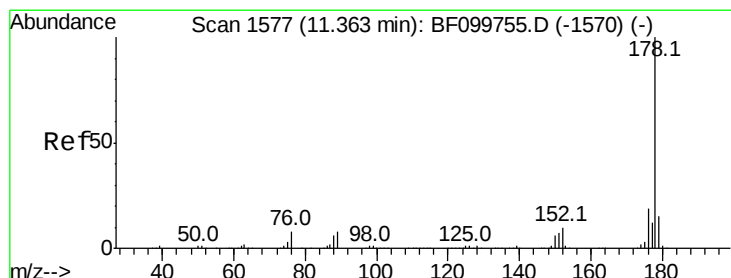
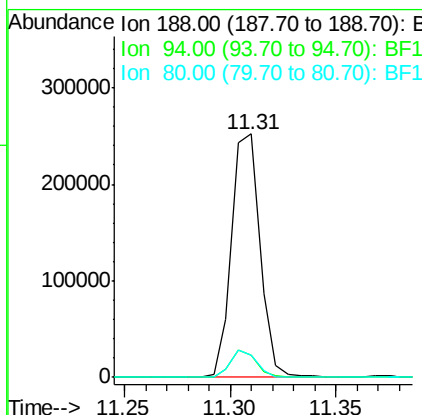
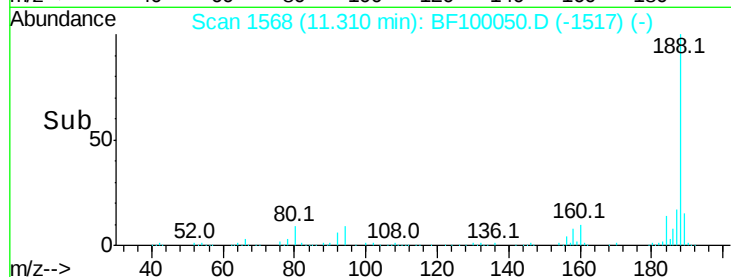
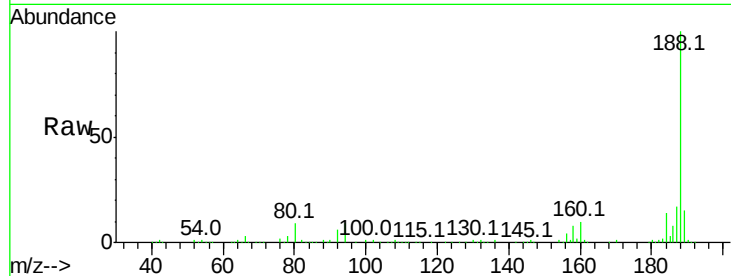
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Instrument :
BNA_F
ClientSampleId :
OR-01-102717

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.9	8.5	12.7
80	9.3	9.2	13.8

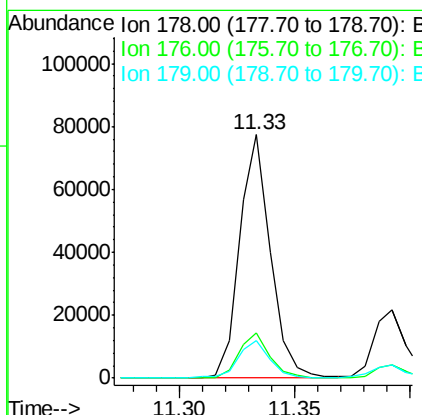
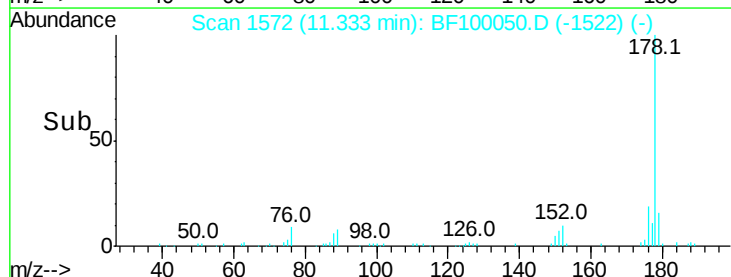
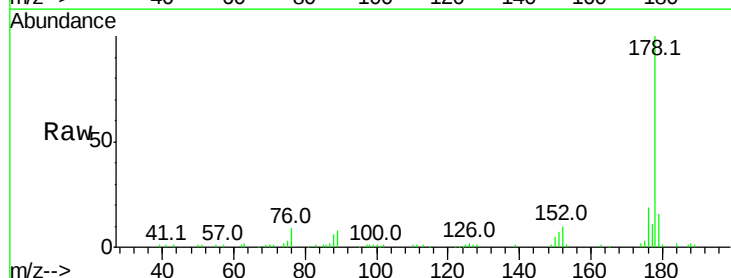
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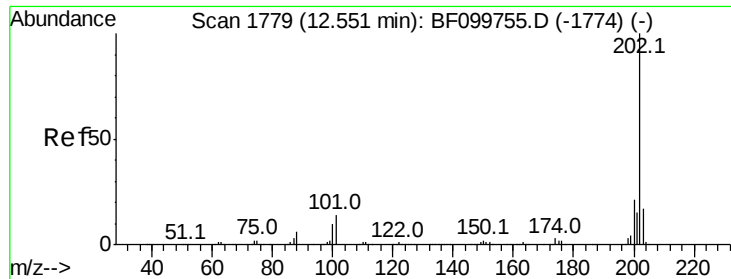
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#70
Phenanthrene
Concen: 5.460 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.5	15.8	23.8
179	15.7	13.0	19.6





#74

Fluoranthene

Concen: 6.890 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF100050.D

Acq: 1 Nov 2017 18:14

Instrument :

BNA_F

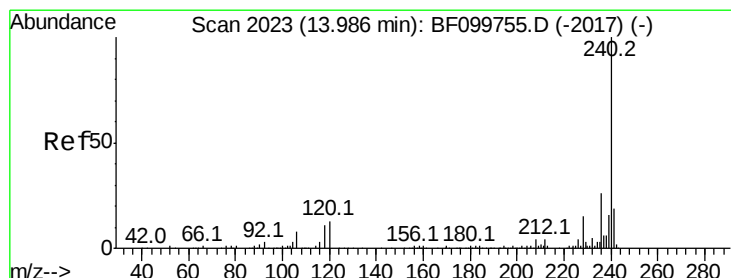
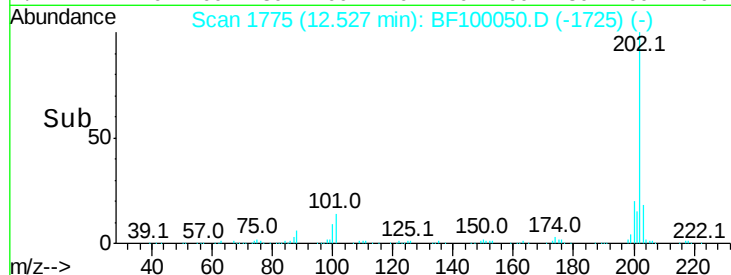
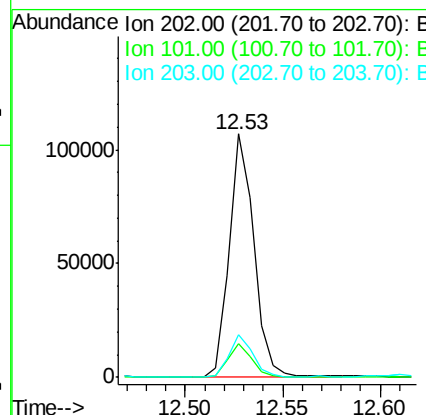
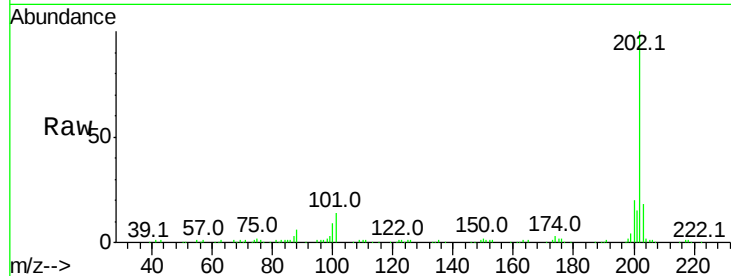
ClientSampled :

OR-01-102717

Tot Ion:	202	Resp:	94798
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	34.1
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

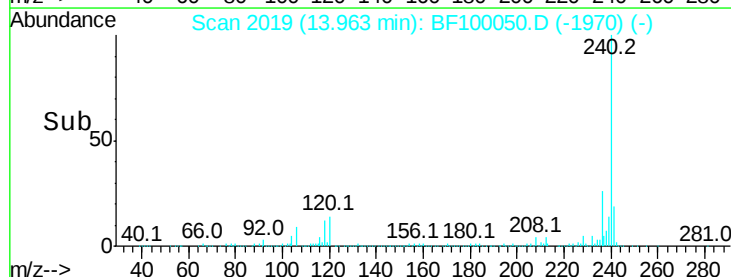
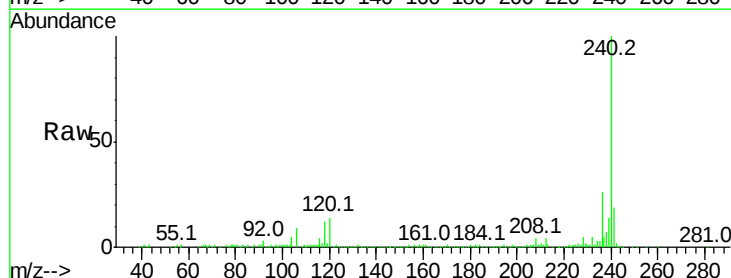
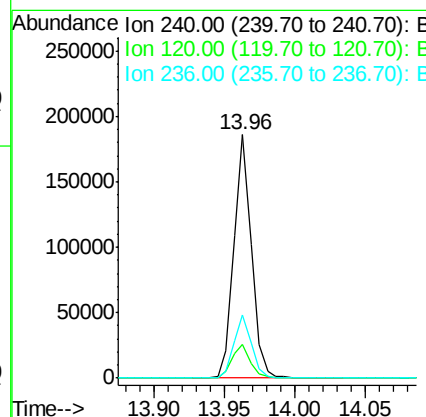
RT: 13.96 min Scan# 2019

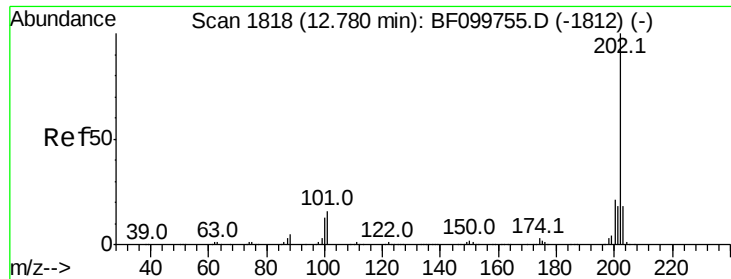
Delta R.T. -0.01 min

Lab File: BF100050.D

Acq: 1 Nov 2017 18:14

Tgt Ion:	240	Resp:	160984
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	26.0	20.7	31.1





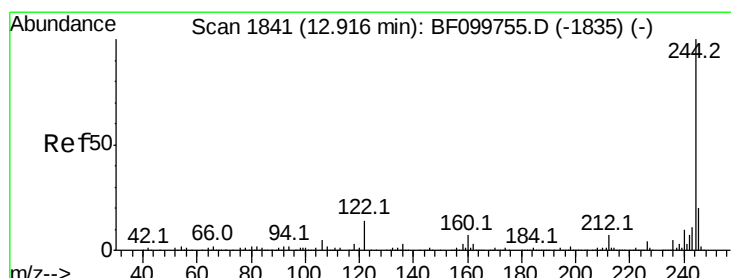
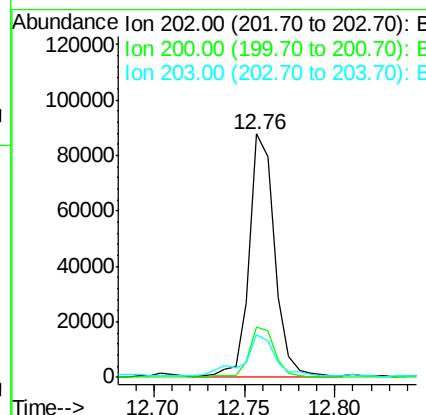
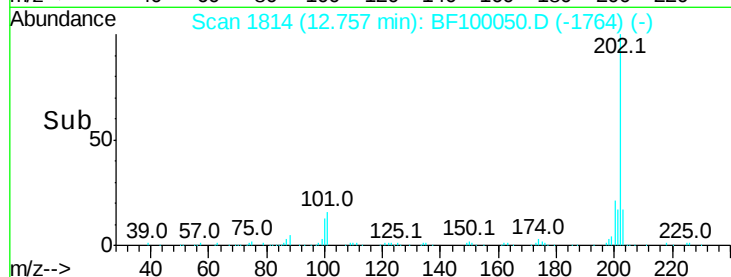
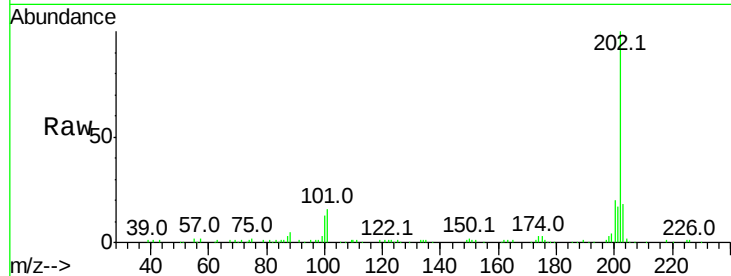
#77
Pvrene
Concen: 7.052 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Instrument :
BNA_F
ClientSampleId :
OR-01-102717

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.6	14.3	21.5

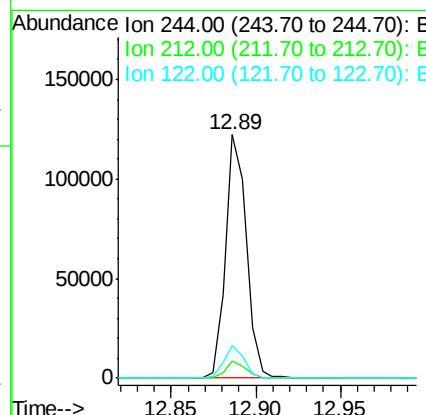
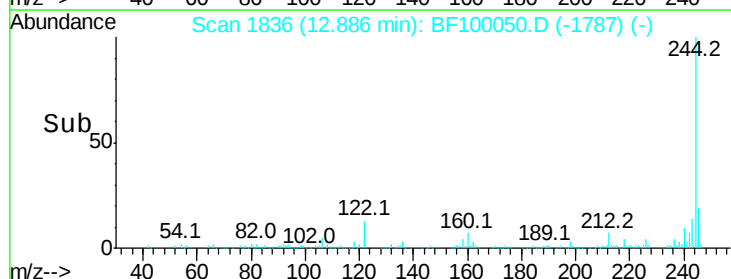
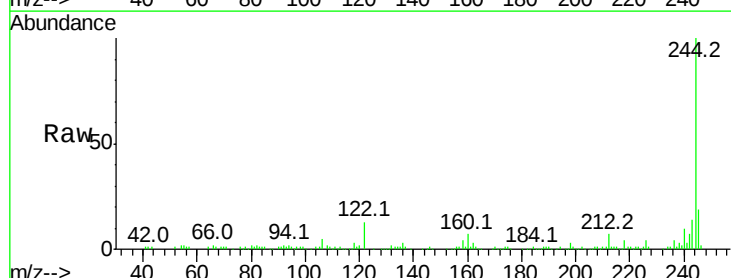
Manual Integrations
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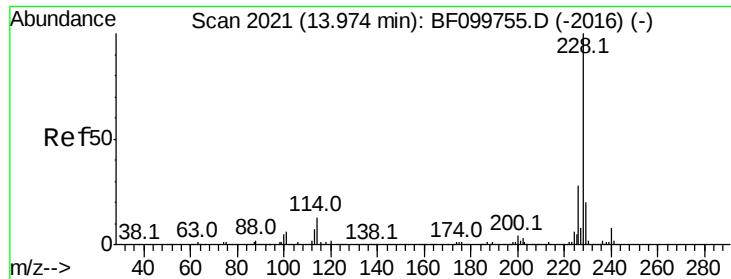
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#78
Terphenyl-d14
Concen: 14.274 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.5	11.0	16.4





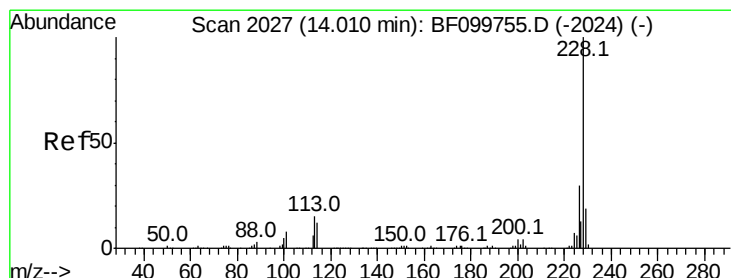
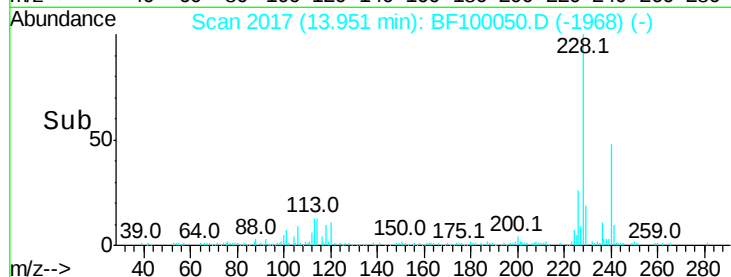
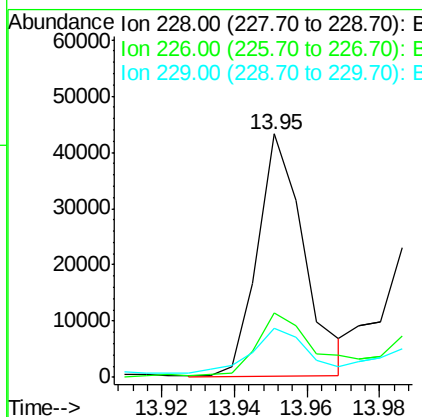
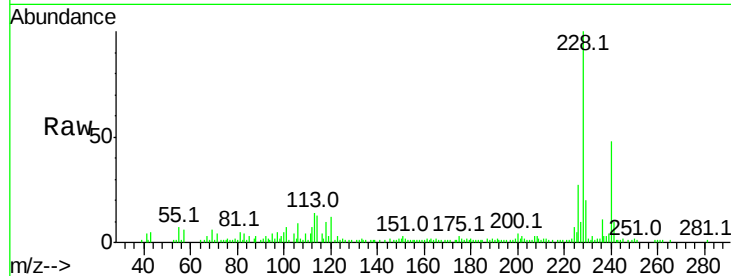
#80
Benzo(a)anthracene
Concen: 3.789 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Instrument :
BNA_F
ClientSampleId :
OR-01-102717

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	20.3	15.8	23.6

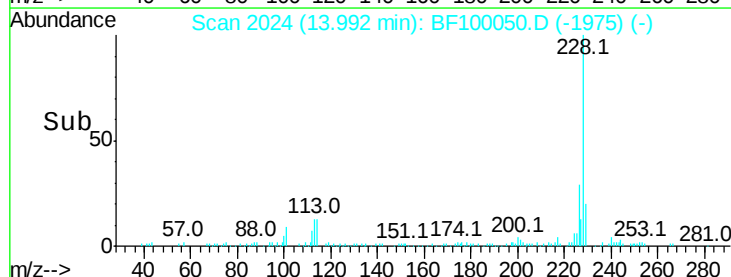
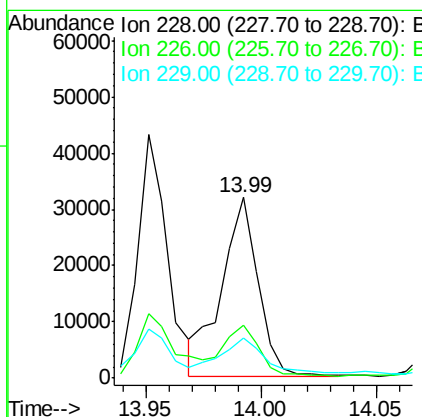
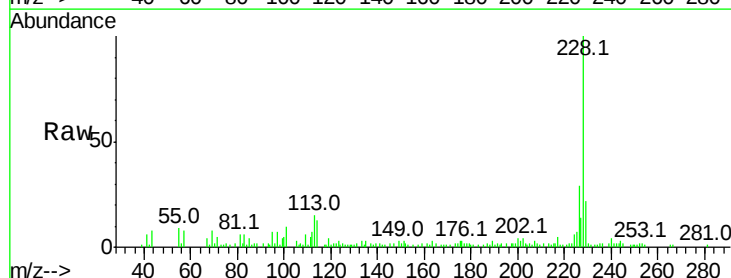
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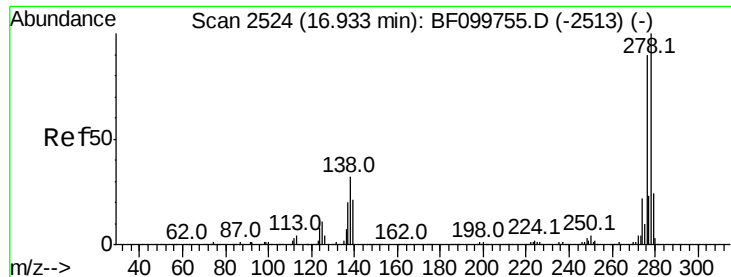
Sohil
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#82
Chrysene
Concen: 3.672 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	22.0	16.2	24.4





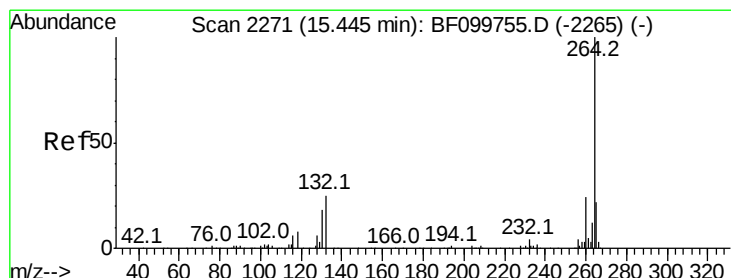
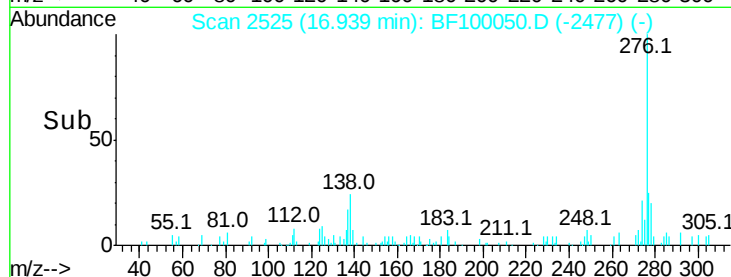
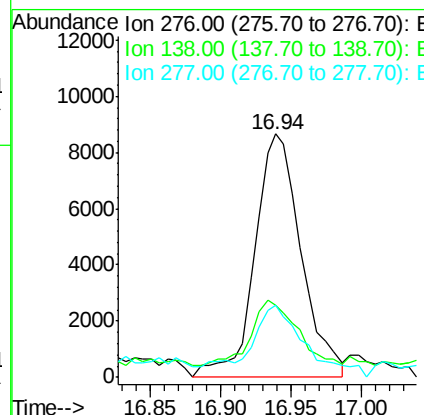
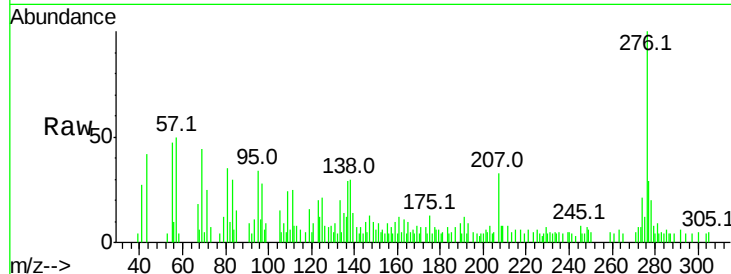
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.264 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Instrument :
BNA_F
ClientSampleId :
OR-01-102717

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.0	37.6
277	35.5	20.1	30.1

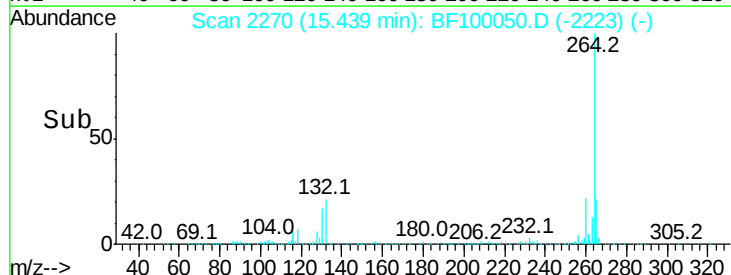
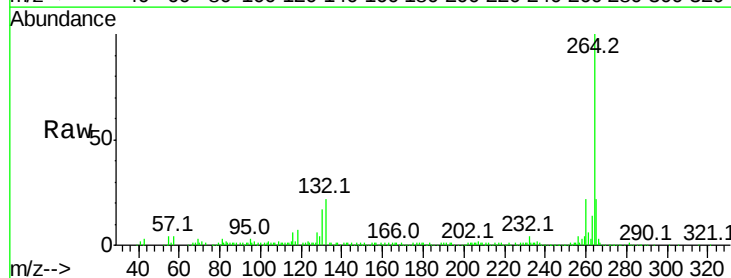
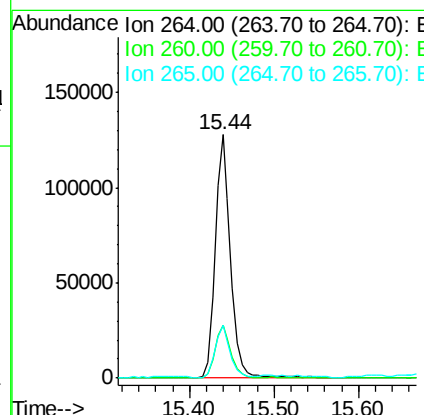
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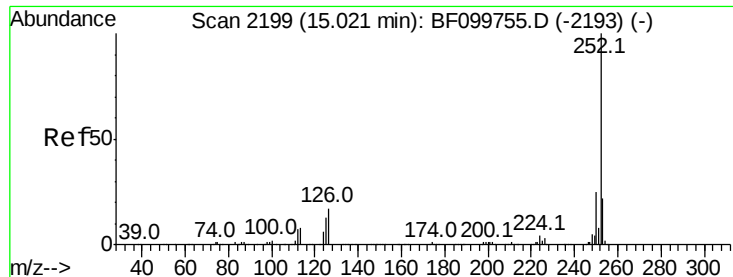
Sohil
11/2/2017 4:27:10 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	21.7	17.5	26.3





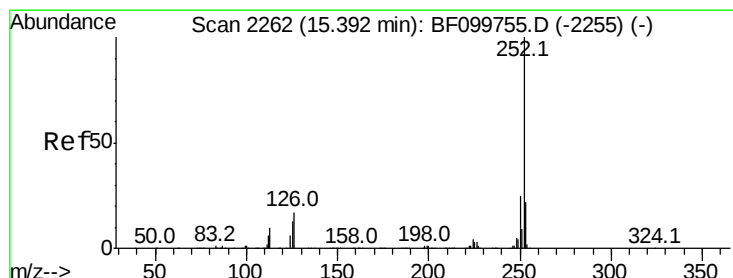
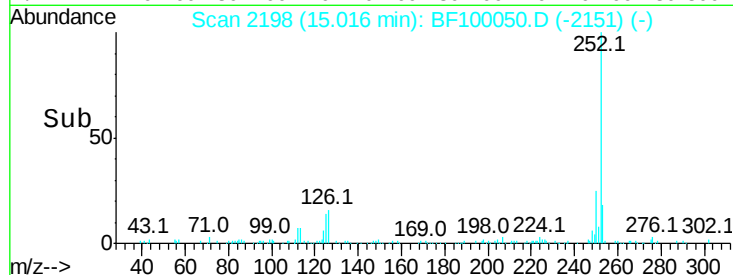
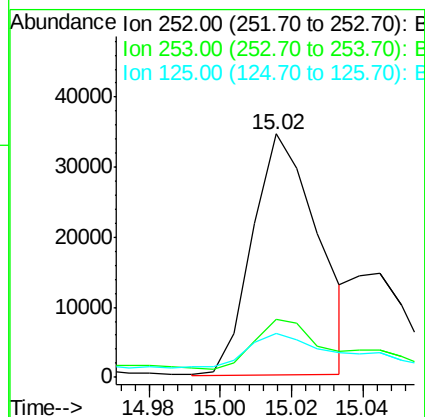
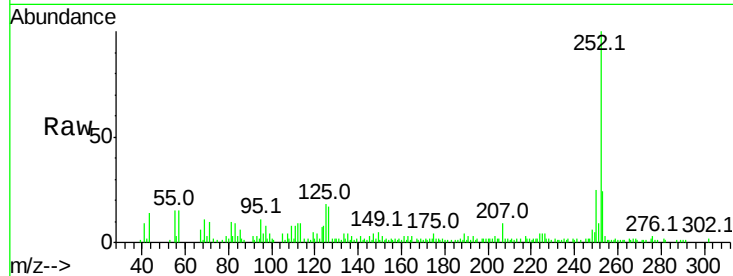
#87
Benzo(b)fluoranthene
Concen: 4.283 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Instrument :
BNA_F
ClientSampleId :
OR-01-102717

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	17.9	9.0	13.6

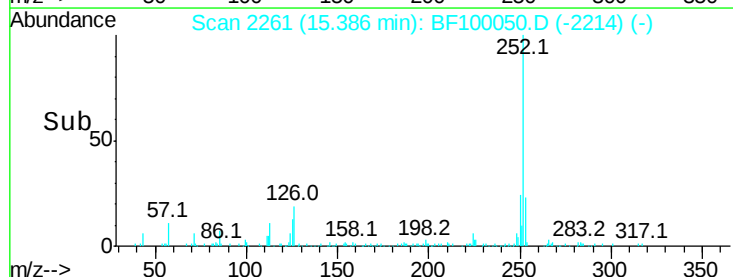
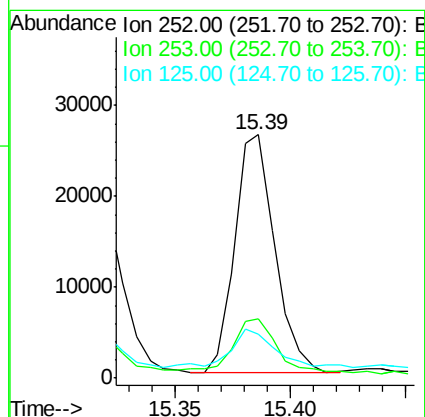
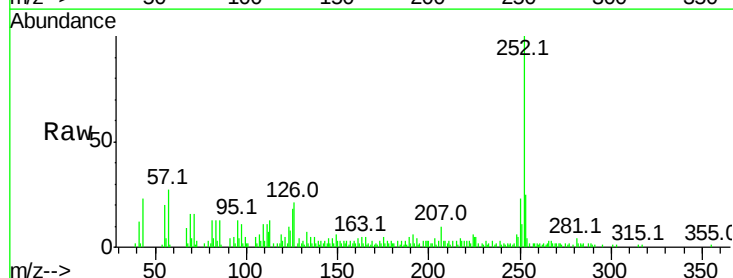
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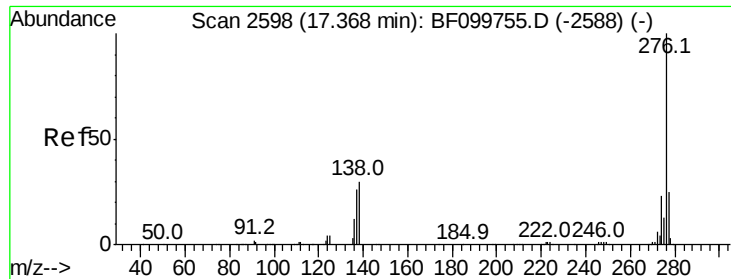
Sohil
11/2/2017 4:27:10 PM



#89
Benzo(a)pyrene
Concen: 3.412 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF100050.D
Acq: 1 Nov 2017 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	17.9	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.416 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BF100050.D
 Acq: 1 Nov 2017 18:14

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-102717

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.5	17.9	26.9#
138	28.6	21.8	32.8

Manual Integrations
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Sohil
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