

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101724.D
 Acq On : 26 Dec 2017 20:13
 Operator : SJ/JU
 Sample : I6677-09 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-A

Manual Integrations
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Quant Time: Dec 27 05:53:44 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110492	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	386022	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	145714	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	258035	20.00	ng	0.00
75) Chrysene-d12	13.97	240	293992	20.00	ng	0.00
86) Perylene-d12	15.43	264	334972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	367096	49.49	ng	0.00
7) Phenol-d6	6.43	99	415034	44.96	ng	0.00
23) Nitrobenzene-d5	7.36	82	256349	36.97	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	66125	47.10	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	399349	42.51	ng	0.00
78) Terphenyl-d14	12.89	244	394895	32.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	35767	3.052	ng	Qvalue # 97
70) Phenanthrene	11.34	178	77088	5.372	ng	98
74) Fluoranthene	12.54	202	111037	7.372	ng	99
77) Pyrene	12.77	202	122148	5.536	ng	98
80) Benzo(a)anthracene	13.96	228	66119	3.406	ng	96
82) Chrysene	14.00	228	63566	3.468	ng	97
85) Indeno(1,2,3-cd)pyrene	16.93	276	41837	2.563	ng	# 93
87) Benzo(b)fluoranthene	15.02	252	82982m	4.064	ng	
89) Benzo(a)pyrene	15.38	252	66245	3.520	ng	# 92
91) Benzo(g,h,i)perylene	17.39	276	44038	2.752	ng	93

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

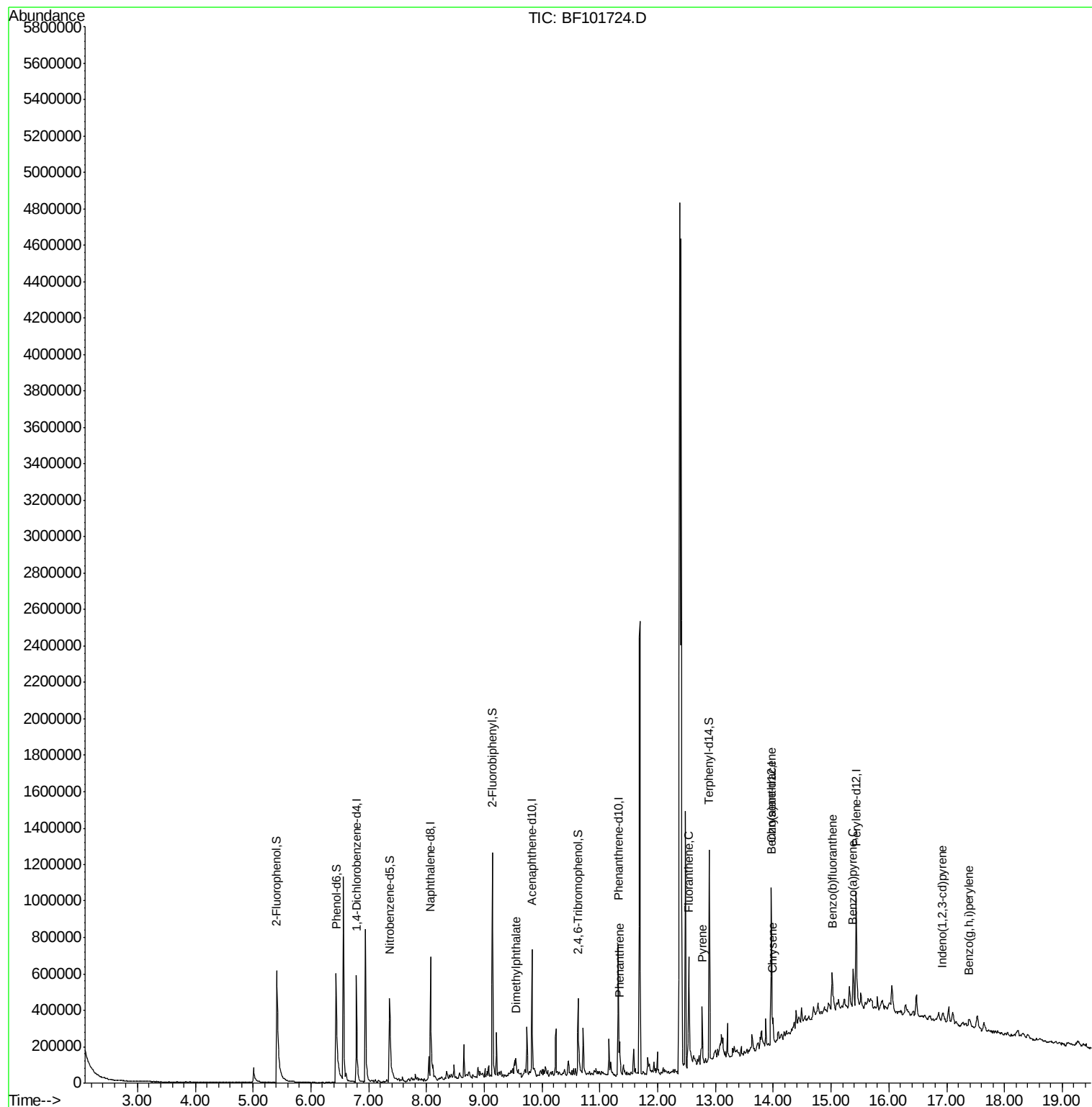
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101724.D
Acq On : 26 Dec 2017 20:13
Operator : SJ/JU
Sample : I6677-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

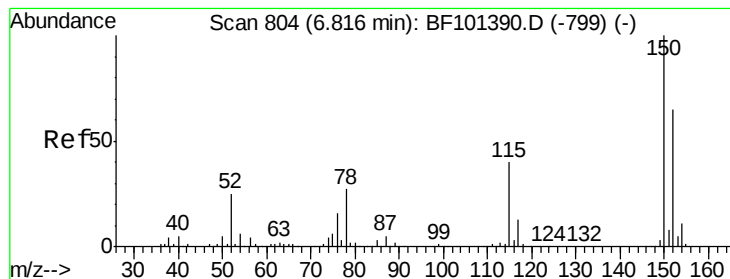
Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

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Quant Time: Dec 27 05:53:44 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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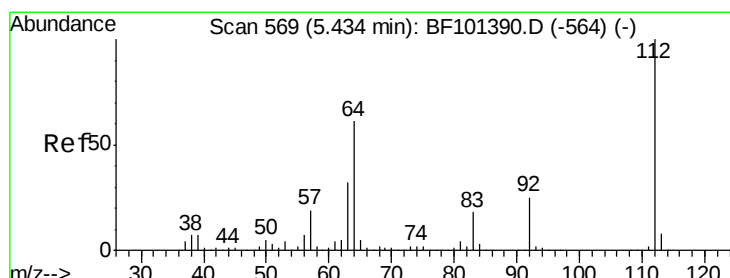
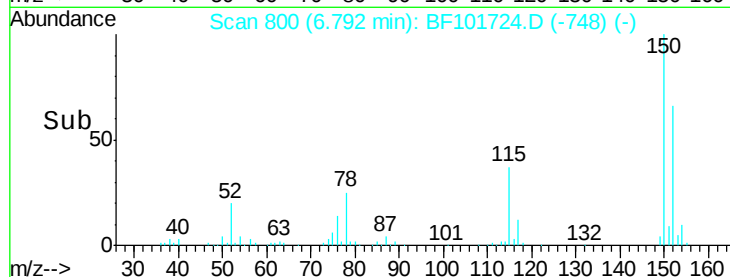
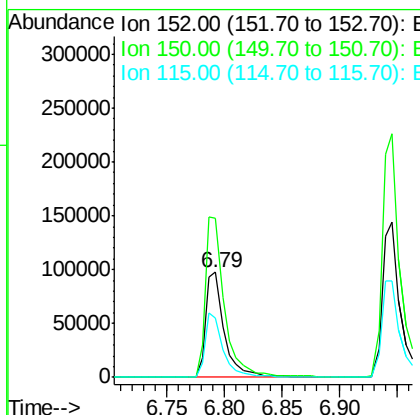
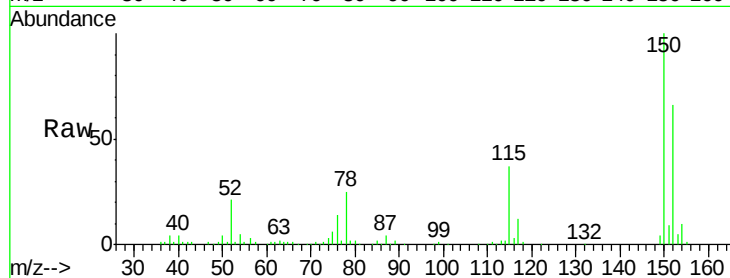
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF101724.D
 Acq: 26 Dec 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	56.7	50.1	75.1

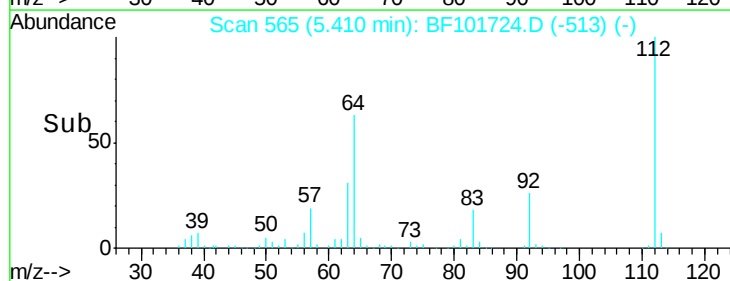
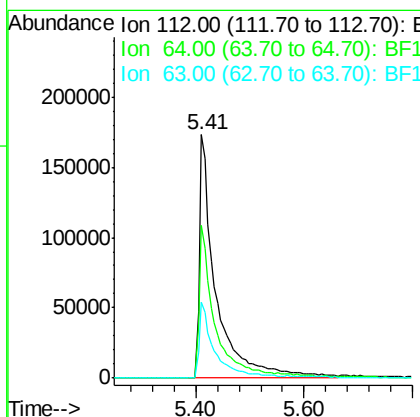
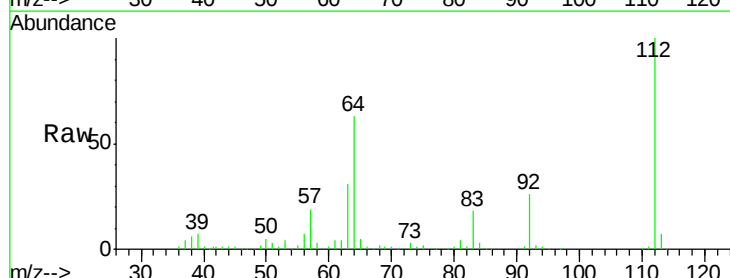
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#5
 2-Fluorophenol
 Concen: 49.489 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF101724.D
 Acq: 26 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	31.1	23.7	35.5





#7

Phenol-d6

Concen: 44.958 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101724.D

Acq: 26 Dec 2017 20:13

Instrument :

BNA_F

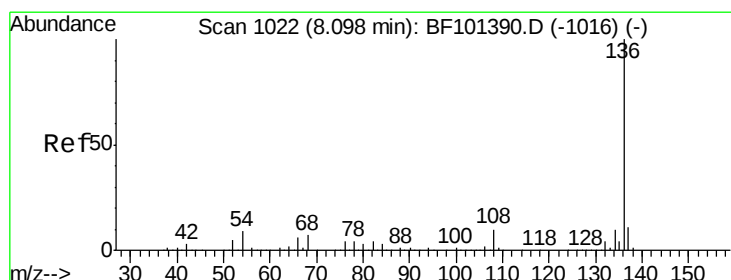
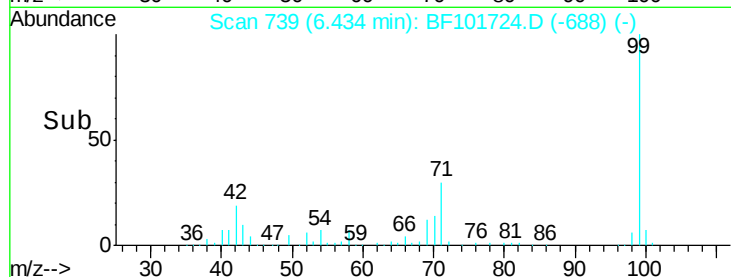
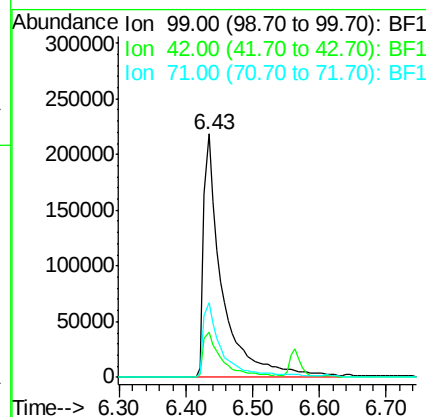
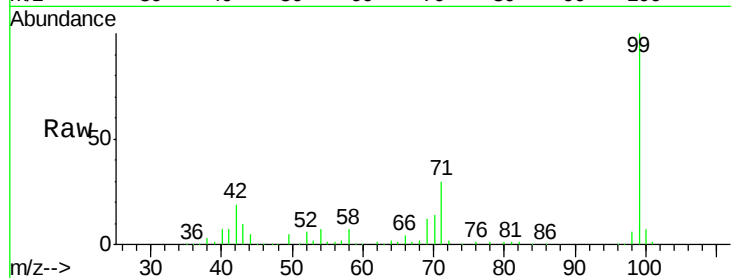
ClientSampleId :

OR-02-122117-A

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		415034		
42	18.6	14.5	21.7		
71	30.4	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

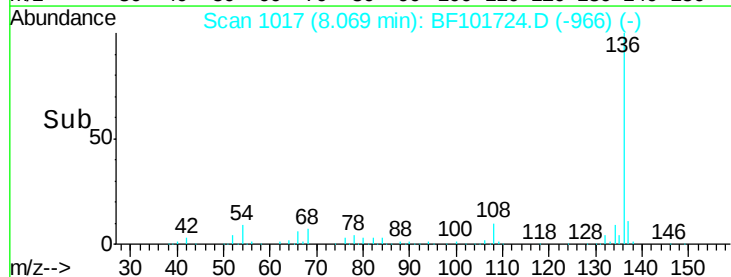
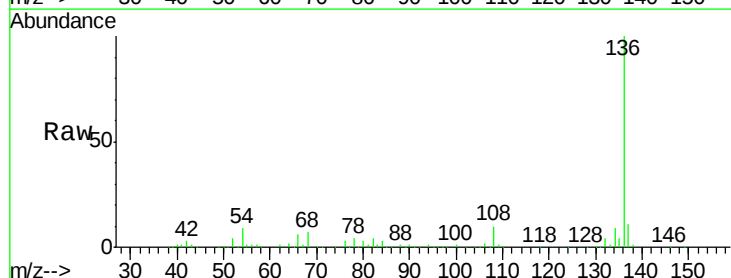
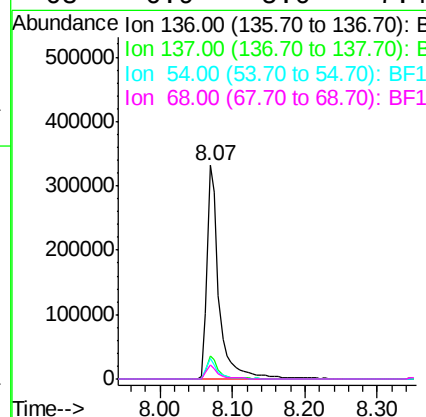
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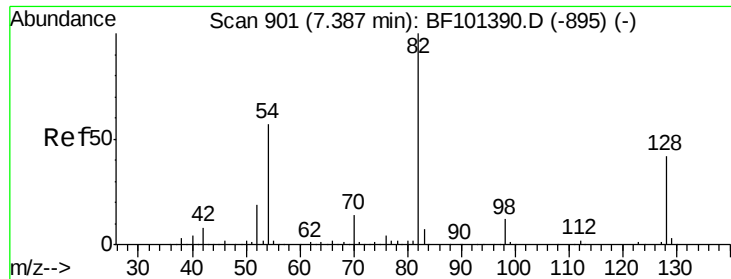
Delta R.T. -0.00 min

Lab File: BF101724.D

Acq: 26 Dec 2017 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		386022		
137	10.9	8.9	13.3		
54	9.4	6.6	9.8		
68	6.9	5.0	7.4		





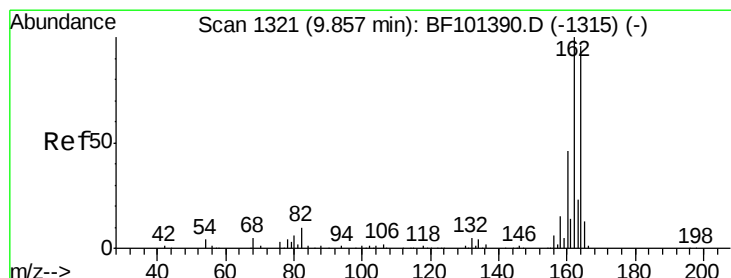
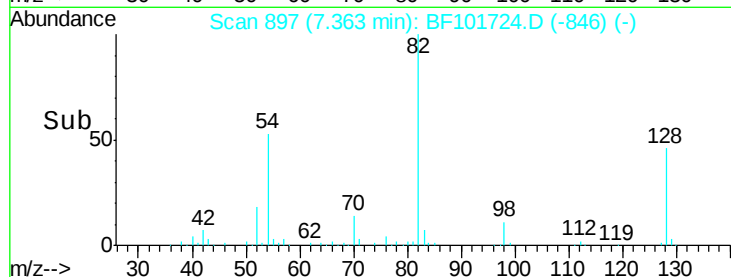
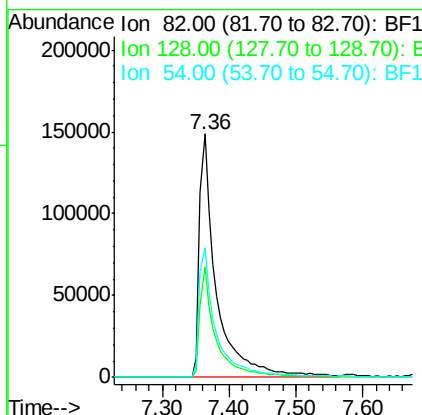
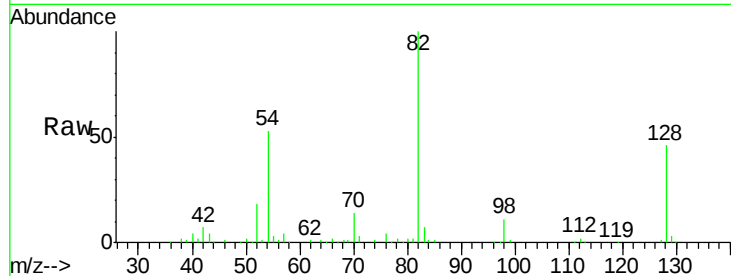
#23
 Nitrobenzene-d5
 Concen: 36.966 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101724.D
 Acq: 26 Dec 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	53.2	41.4	62.2

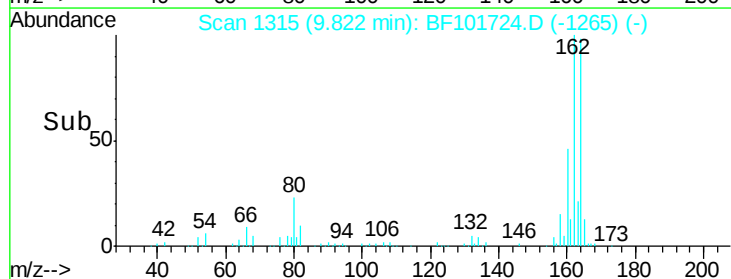
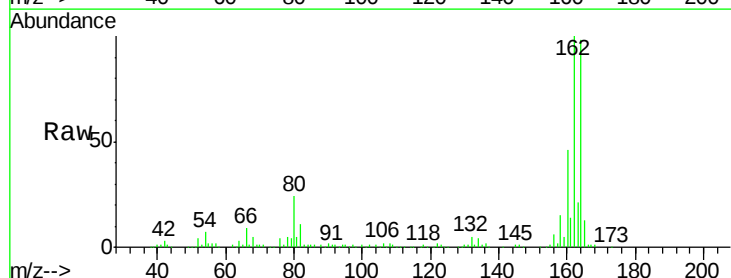
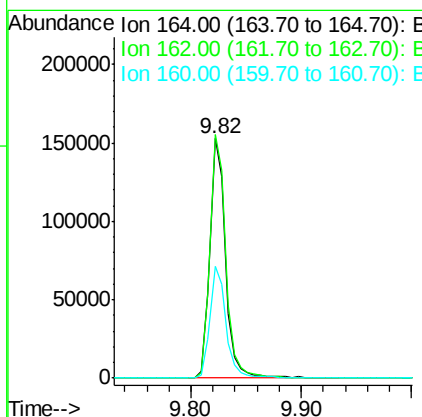
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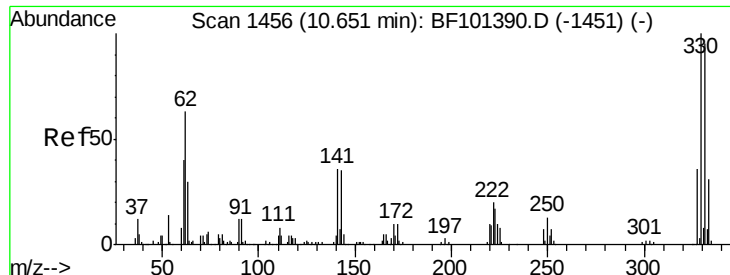
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101724.D
 Acq: 26 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 47.095 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF101724.D

Acq: 26 Dec 2017 20:13

Instrument :

BNA_F

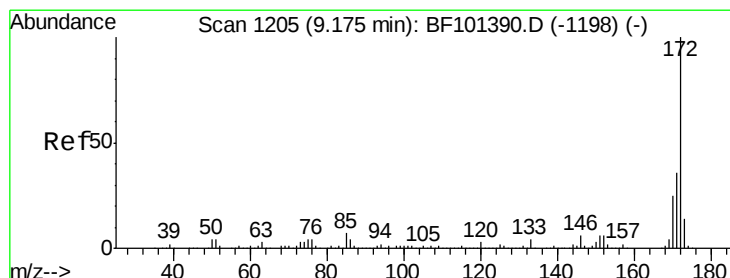
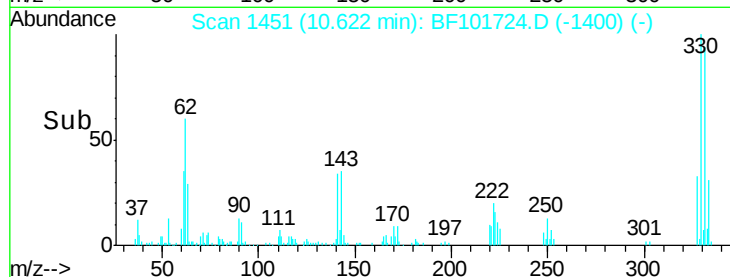
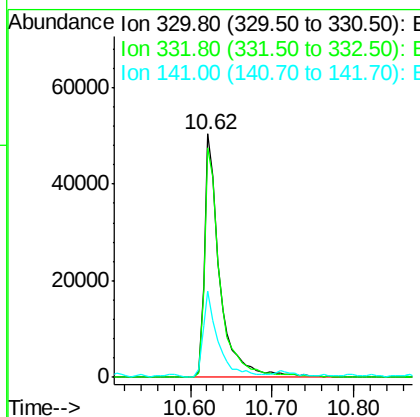
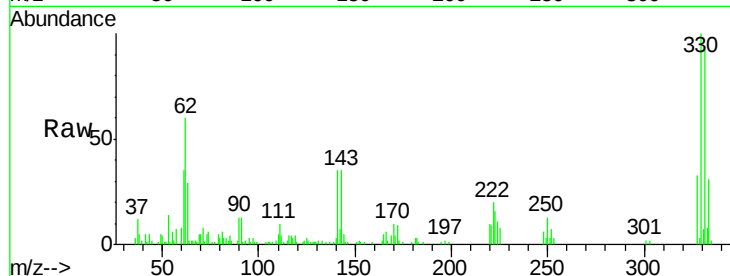
ClientSampleId :

OR-02-122117-A

Tgt Ion:	330	Resp:	66125
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.0	115.6
141	34.8	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 42.514 ng

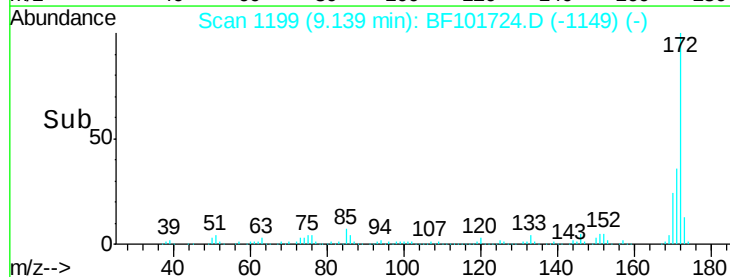
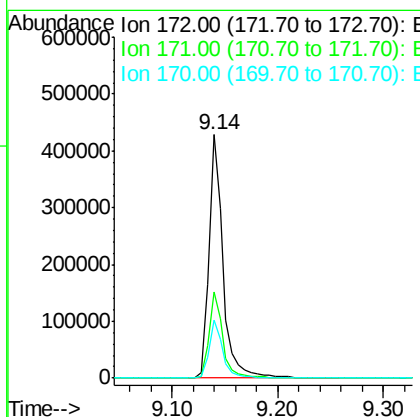
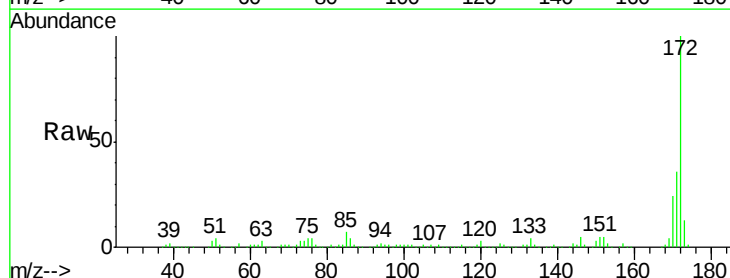
RT: 9.14 min Scan# 1199

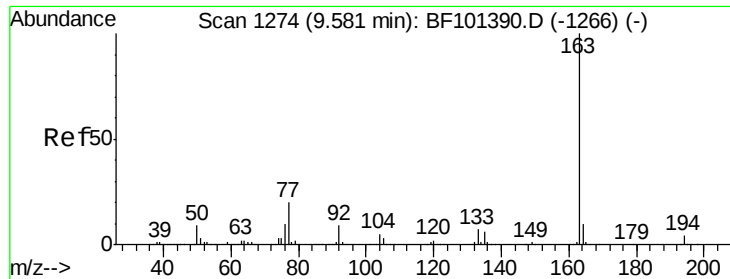
Delta R.T. -0.01 min

Lab File: BF101724.D

Acq: 26 Dec 2017 20:13

Tgt Ion:	172	Resp:	399349
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4





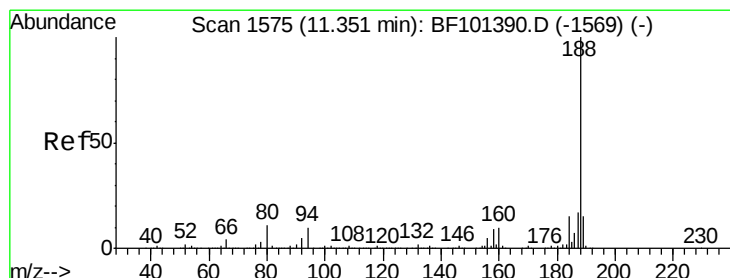
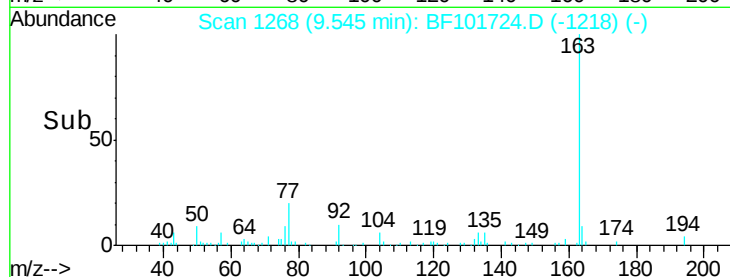
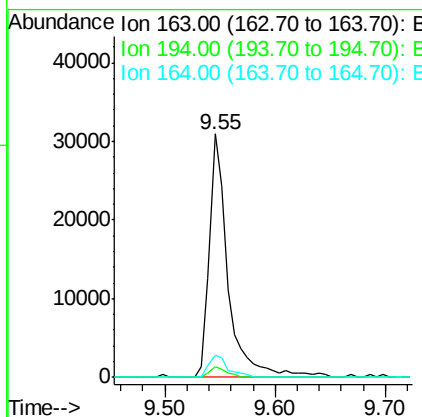
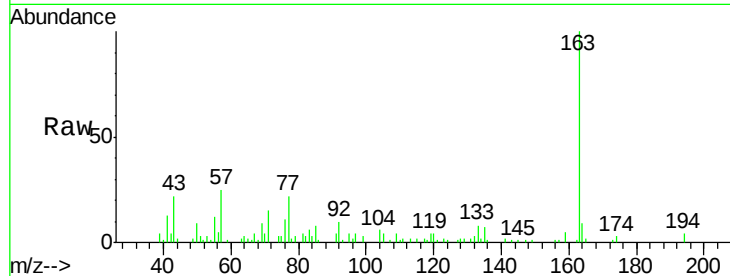
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Dimethylphthalate
Concen: 3.052 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	35767		
194	4.5	2.7	4.1#	
164	9.2	8.2	12.2	

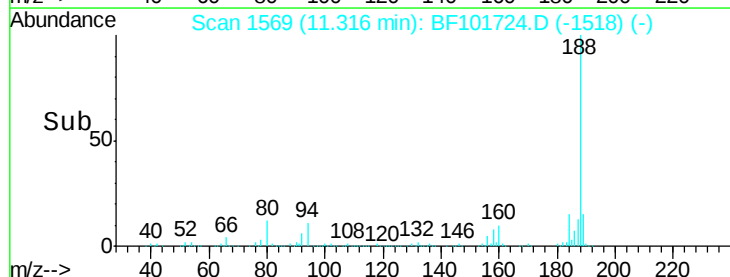
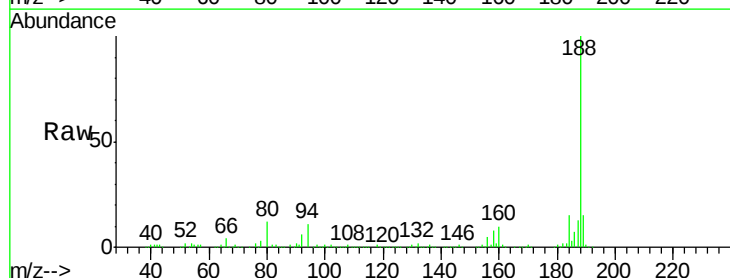
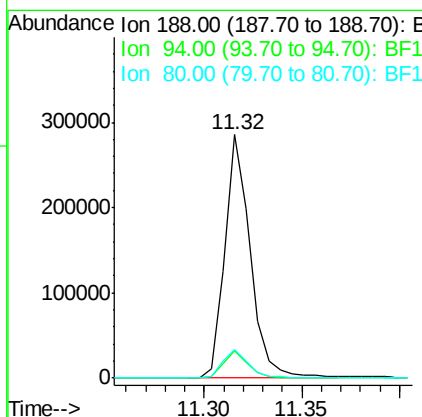
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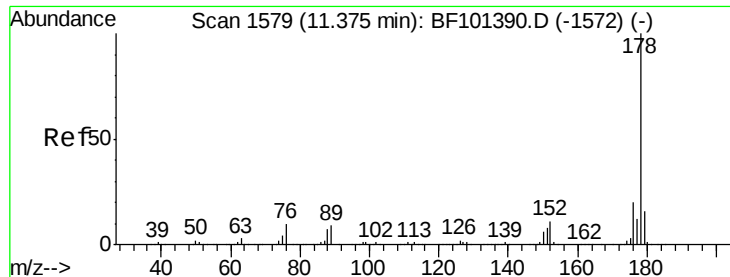
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	258035		
94	11.0	8.5	12.7	
80	12.0	9.2	13.8	





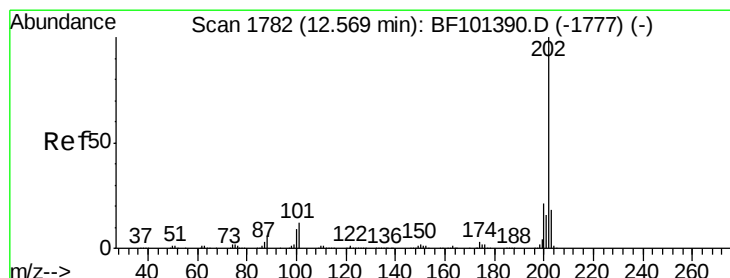
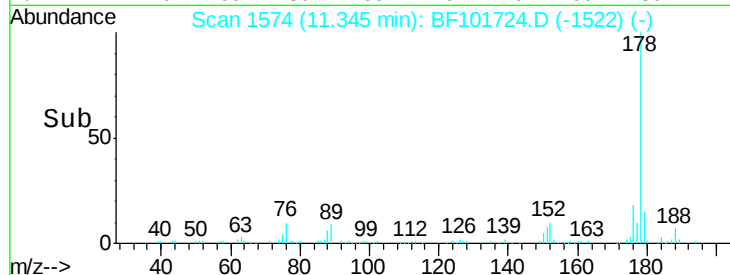
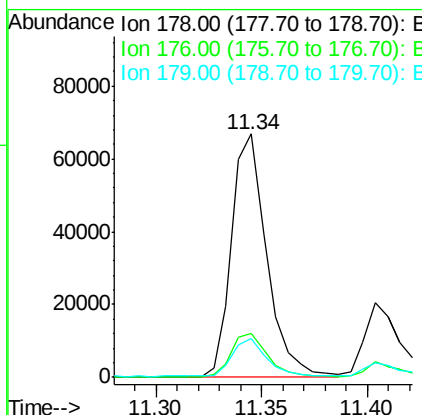
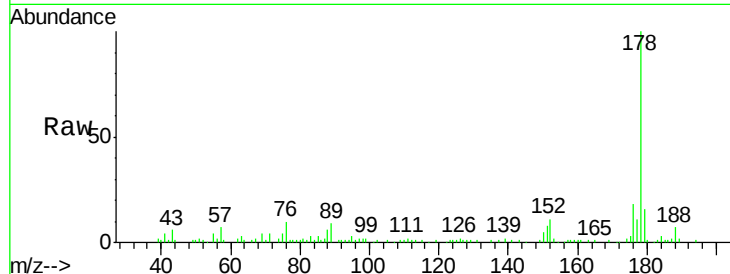
#70
Phenanthrene
Concen: 5.372 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.9	13.0	19.6

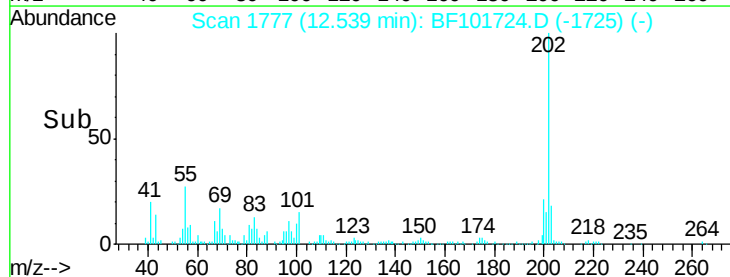
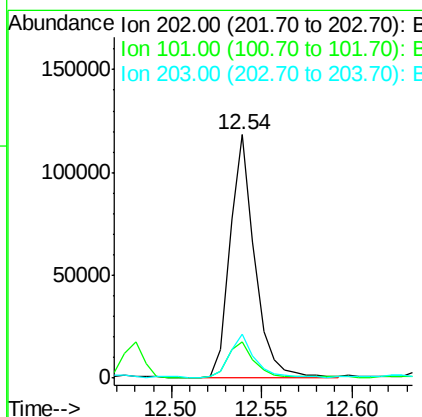
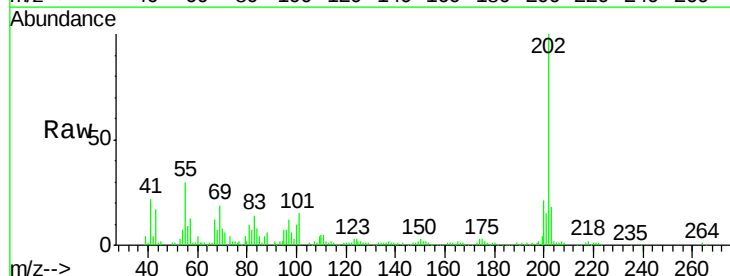
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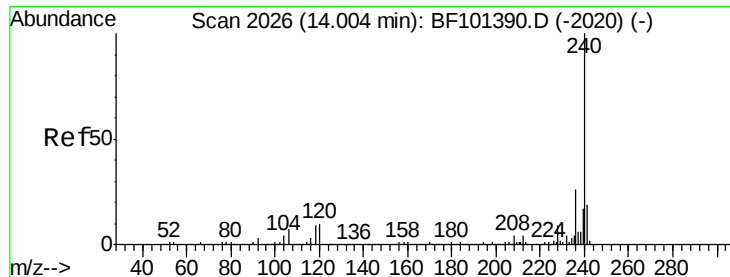
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#74
Fluoranthene
Concen: 7.372 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	18.3	0.0	38.1





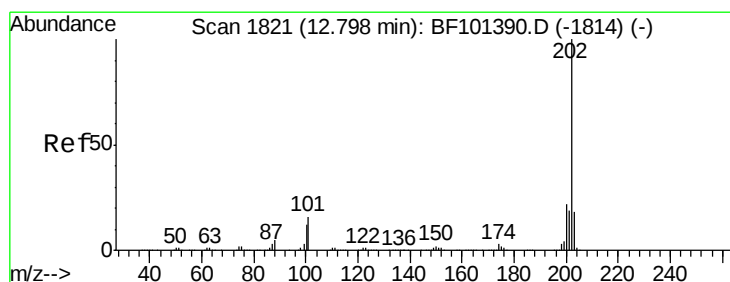
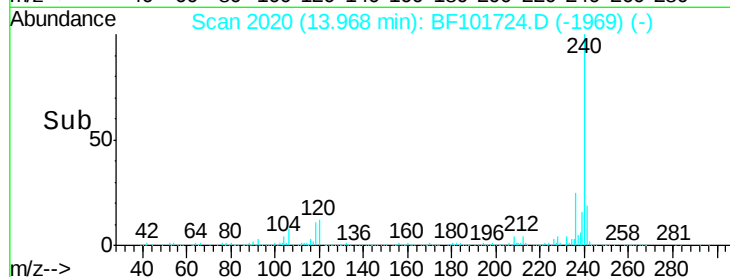
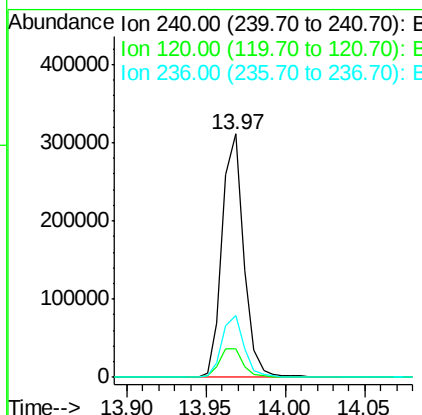
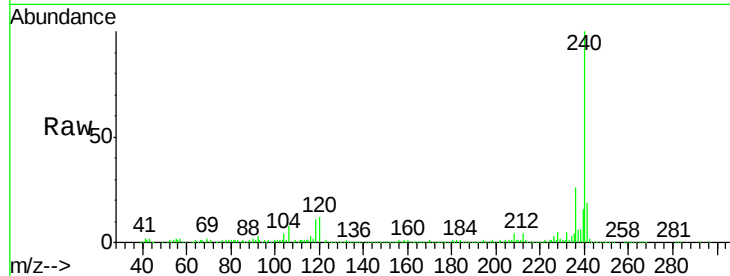
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	293992		
120	12.0	9.5	14.3	
236	25.5	20.7	31.1	

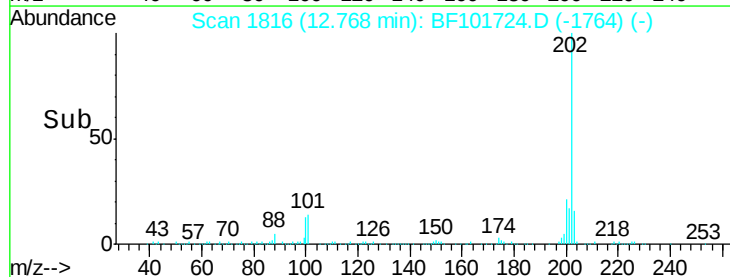
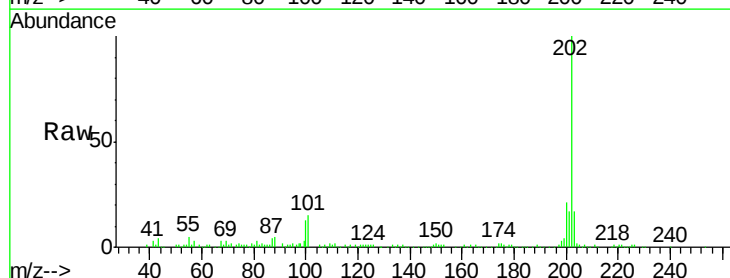
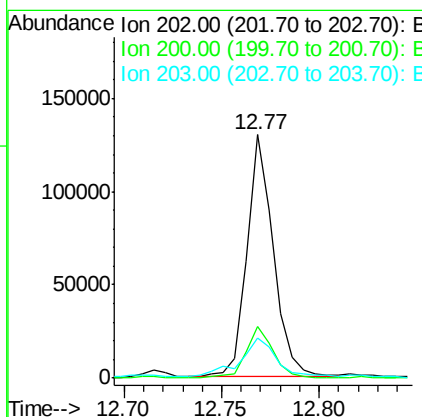
Manual Integrations
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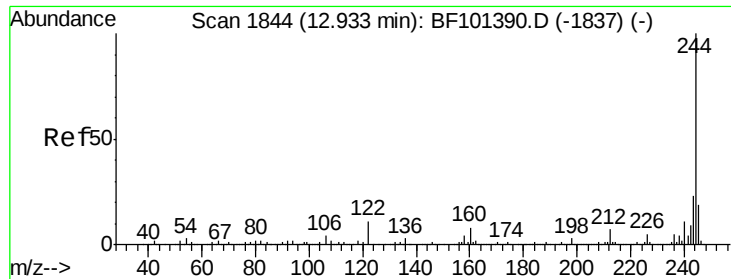
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#77
Pyrene
Concen: 5.536 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	122148		
200	21.2	17.4	26.2	
203	16.5	14.3	21.5	





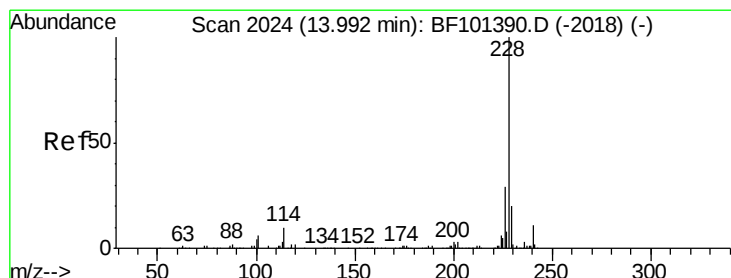
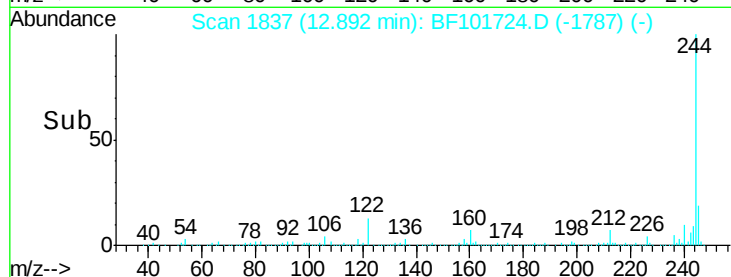
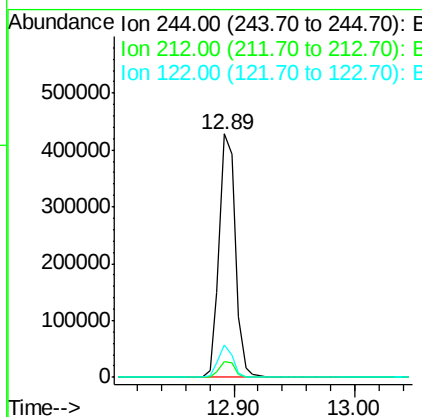
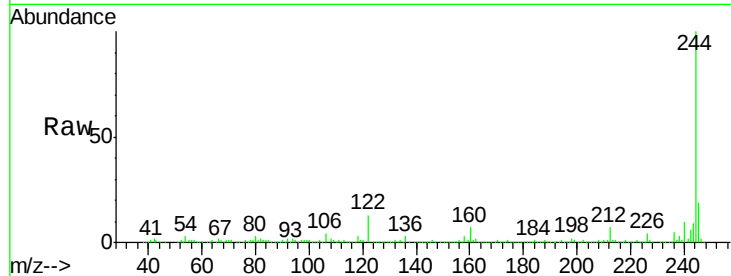
#78
 Terphenyl-d14
 Concen: 32.382 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF101724.D
 Acq: 26 Dec 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	5.4	8.0
122	13.2	11.0	16.4

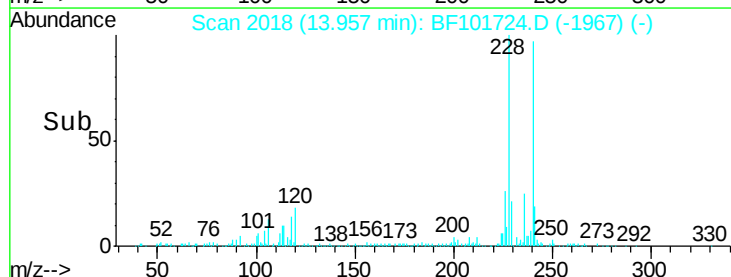
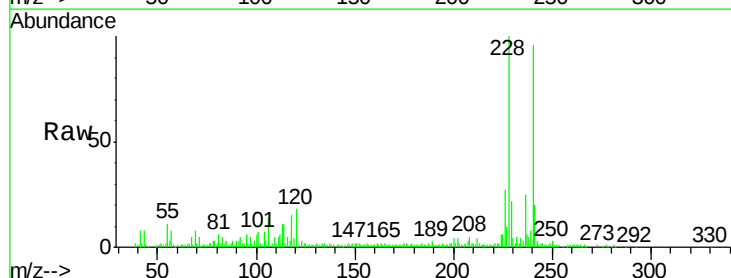
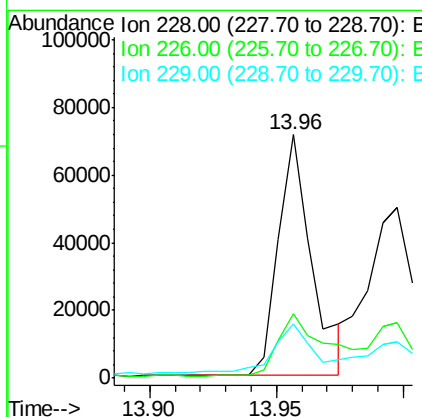
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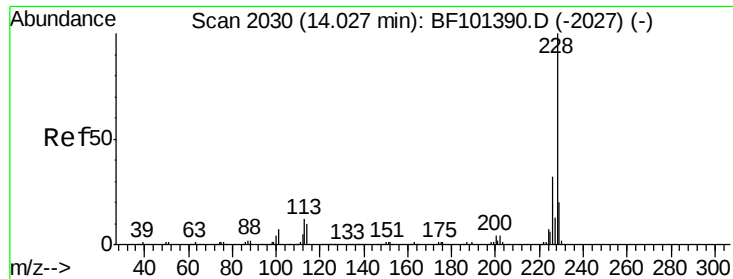
Sohil
 12/27/2017 4:14:51 PM



#80
 Benzo(a)anthracene
 Concen: 3.406 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF101724.D
 Acq: 26 Dec 2017 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.7	22.6	33.8
229	22.5	15.8	23.6





#82

Chrysene

Concen: 3.468 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF101724.D

Acq: 26 Dec 2017 20:13

Instrument :

BNA_F

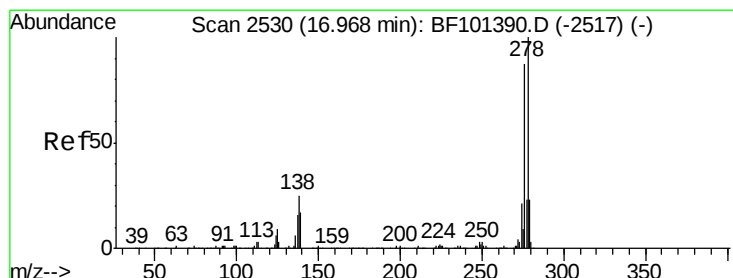
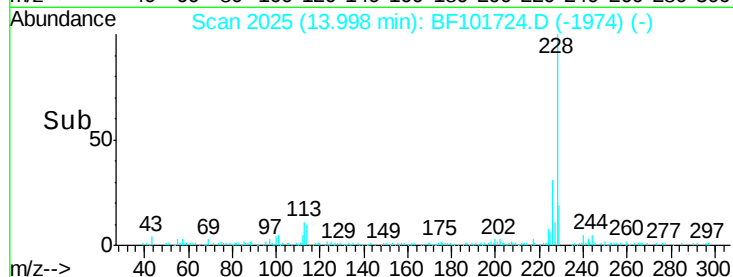
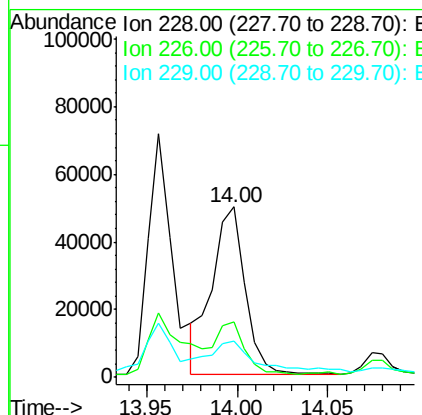
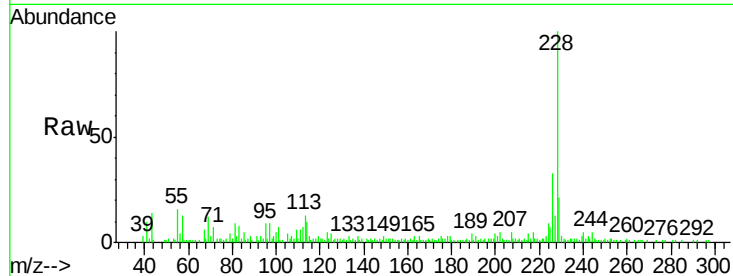
ClientSampleId :

OR-02-122117-A

Tgt Ion:	228	Resp:	63566
Ion Ratio	Lower	Upper	
228	100		
226	32.9	25.0	37.6
229	21.3	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.563 ng

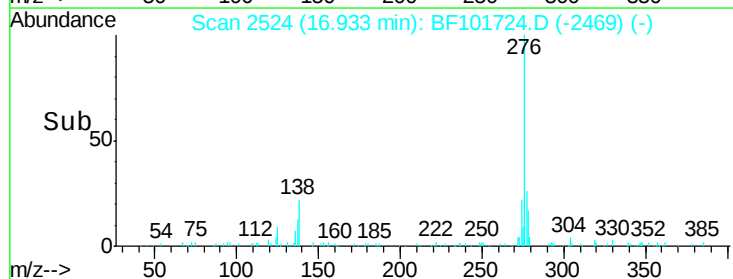
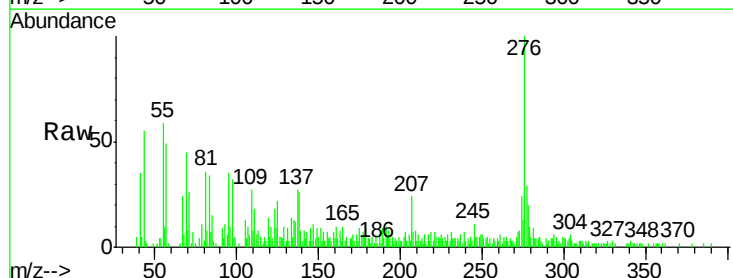
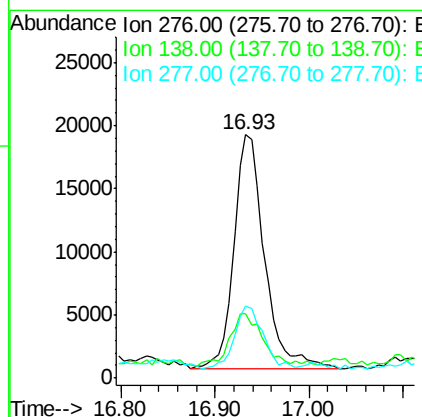
RT: 16.93 min Scan# 2524

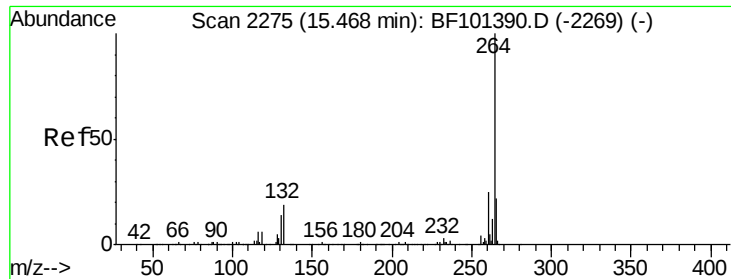
Delta R.T. 0.02 min

Lab File: BF101724.D

Acq: 26 Dec 2017 20:13

Tgt Ion:	276	Resp:	41837
Ion Ratio	Lower	Upper	
276	100		
138	24.4	25.0	37.6#
277	24.7	20.1	30.1





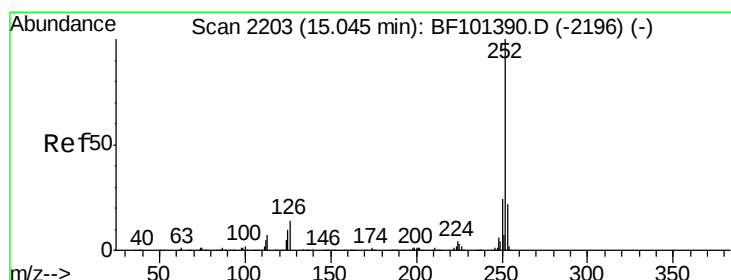
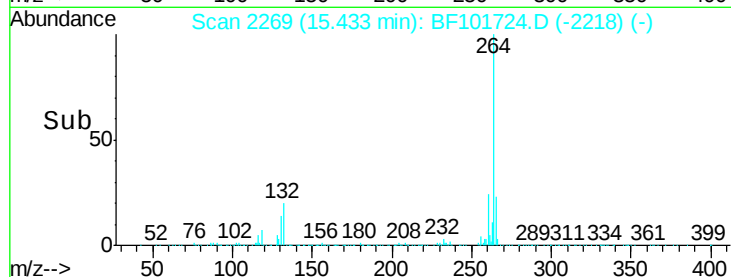
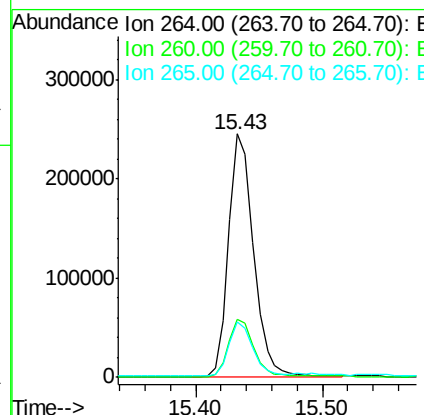
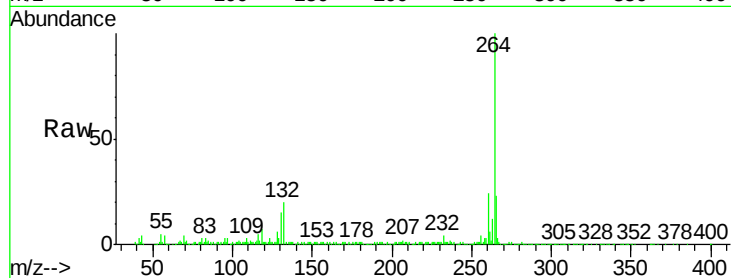
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	334972		
260	24.1	19.2	28.8	
265	22.9	17.5	26.3	

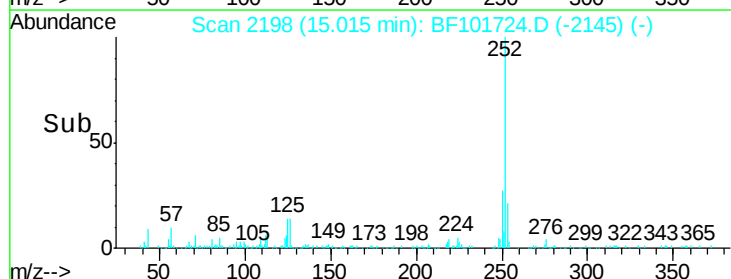
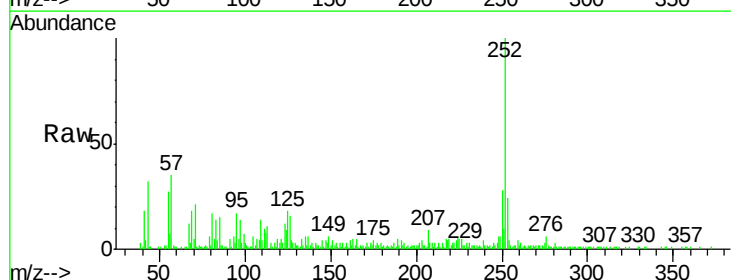
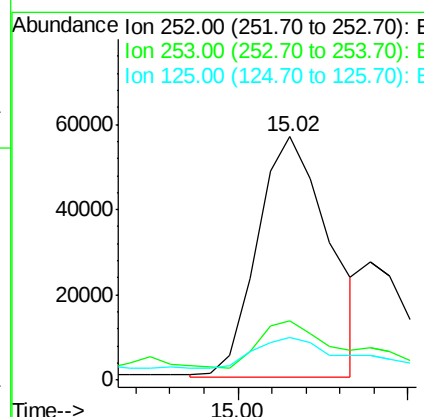
Manual Integrations
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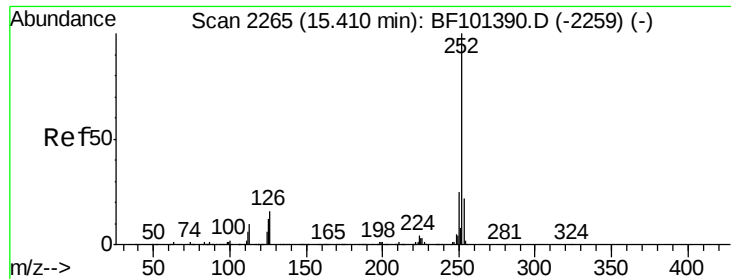
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#87
Benzo(b)fluoranthene
Concen: 4.064 ng m
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	82982		
253	24.5	17.0	25.6	
125	17.6	9.0	13.6#	





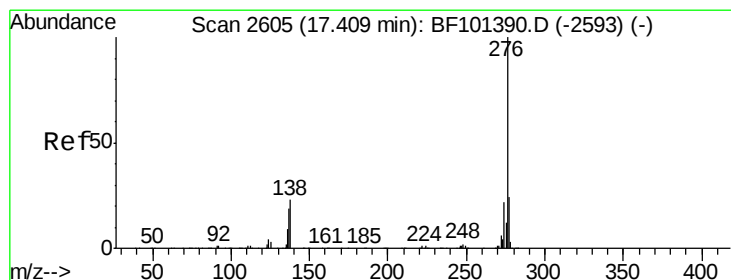
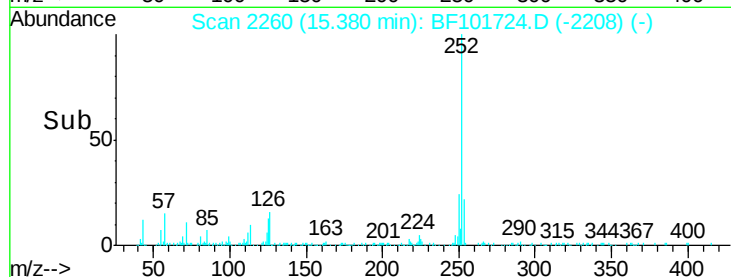
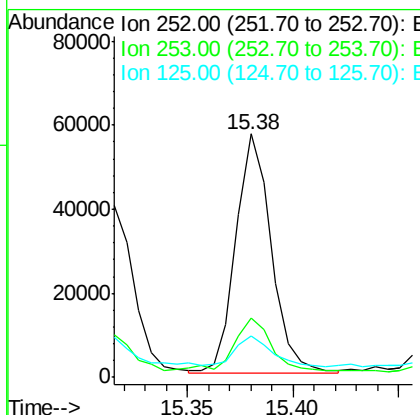
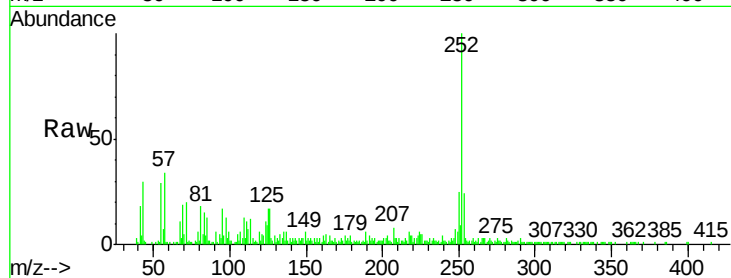
#89
Benzo(a)pyrene
Concen: 3.520 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	16.9	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.752 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.04 min
Lab File: BF101724.D
Acq: 26 Dec 2017 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	24.2	21.8	32.8

