

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101489.D
 Acq On : 18 Dec 2017 19:09
 Operator : SJ/JU
 Sample : I6908-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7

Manual Integrations
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Quant Time: Dec 19 06:22:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	156783	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	606751	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	239991	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	381556	20.00	ng	0.00
75) Chrysene-d12	13.99	240	293690	20.00	ng	0.00
86) Perylene-d12	15.46	264	254947	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	901843	85.68	ng	0.01
7) Phenol-d6	6.45	99	1102350	84.15	ng	0.00
23) Nitrobenzene-d5	7.38	82	651472	59.77	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	189102	81.77	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	993803	64.24	ng	0.00
78) Terphenyl-d14	12.92	244	707229	58.05	ng	0.00
Target Compounds						
10) Phenol	6.46	94	59966	4.016	ng	Qvalue 90
49) Dimethylphthalate	9.56	163	56147	2.909	ng	98
74) Fluoranthene	12.56	202	95212	4.275	ng	98
77) Pyrene	12.79	202	88331	4.008	ng	99
80) Benzo(a)anthracene	13.98	228	44086	2.273	ng	96
82) Chrysene	14.02	228	40445	2.209	ng	98
87) Benzo(b)fluoranthene	15.03	252	44167m	2.842	ng	
89) Benzo(a)pyrene	15.40	252	29217	2.040	ng	# 91

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

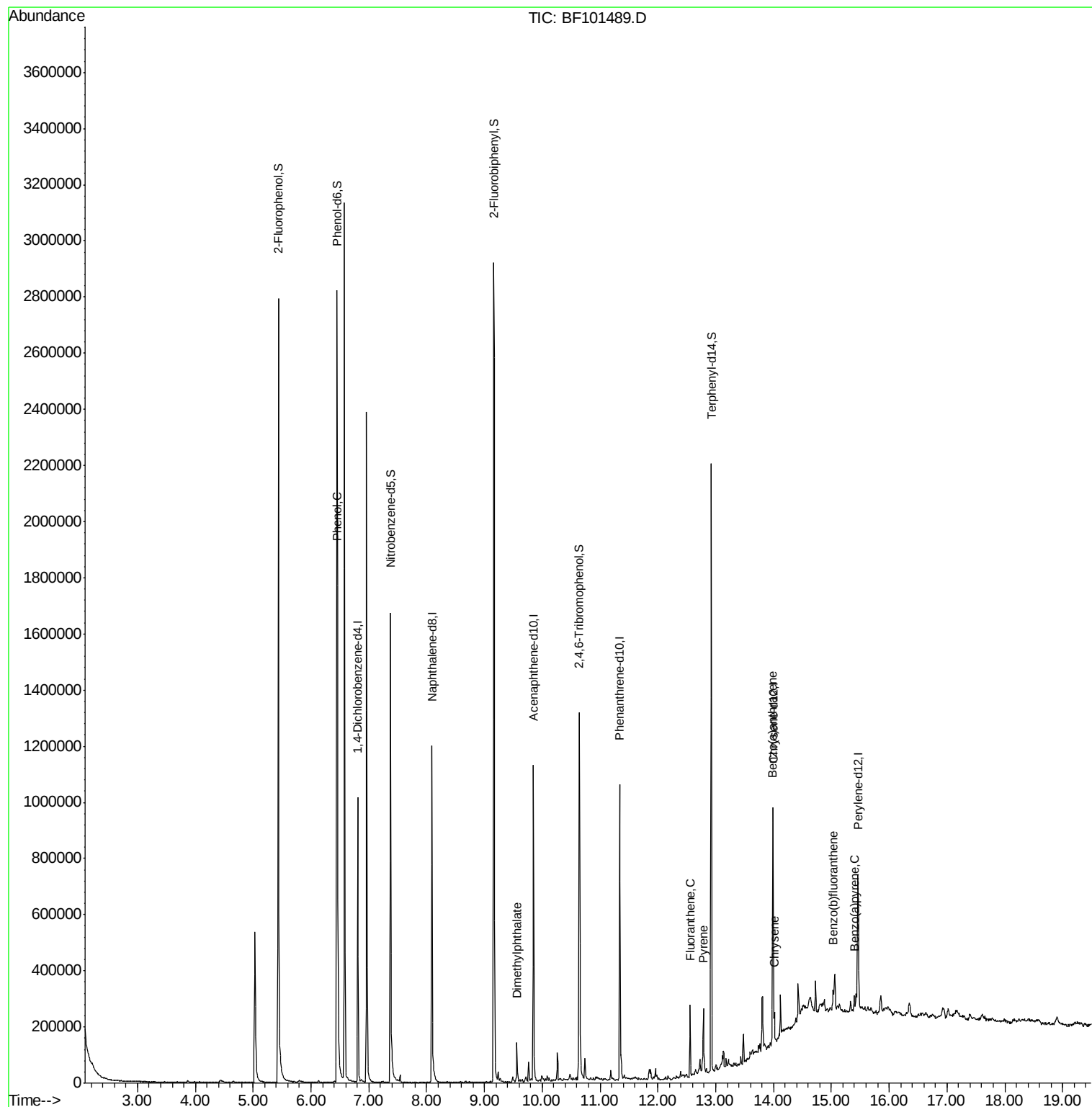
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101489.D
Acq On : 18 Dec 2017 19:09
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Sample : I6908-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

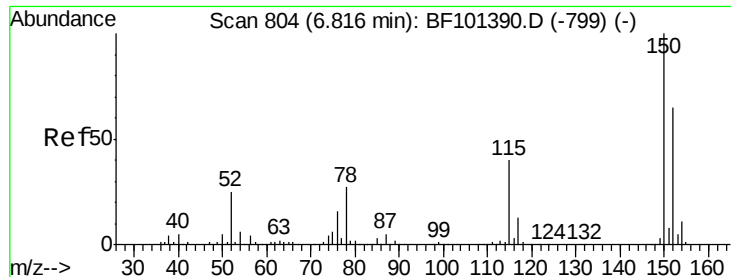
Instrument :
BNA_F
ClientSampled :
7

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Quant Time: Dec 19 06:22:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration





#1

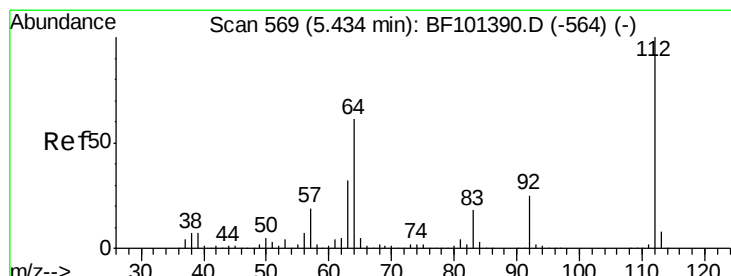
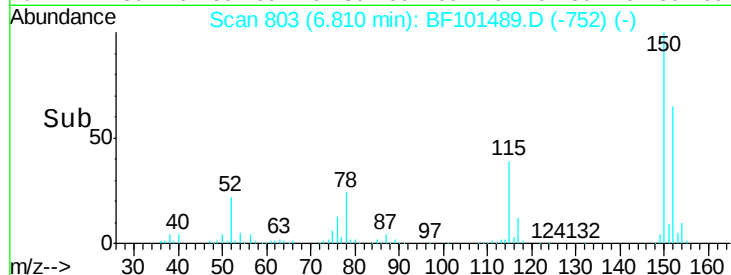
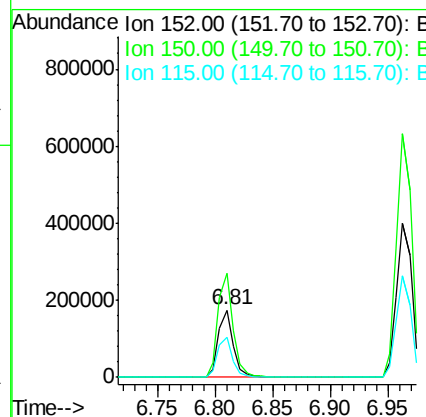
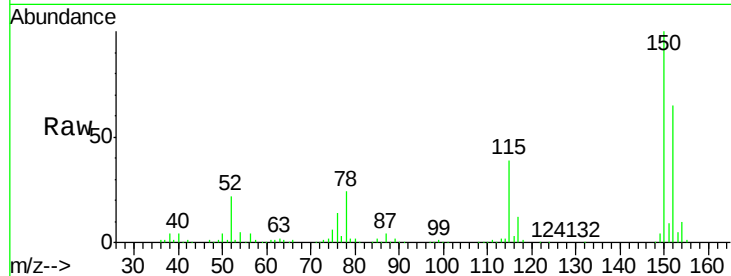
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
7

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	59.7	50.1	75.1

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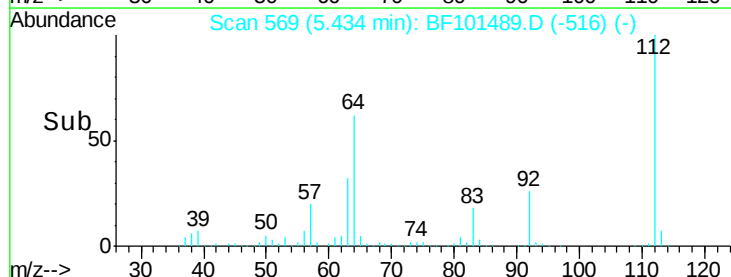
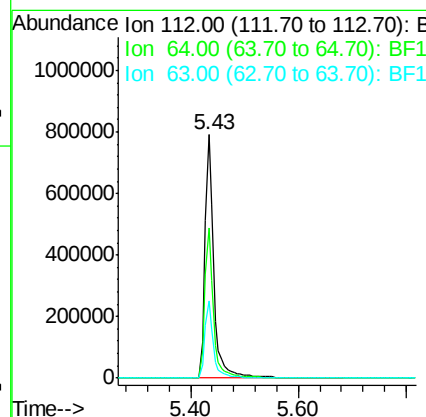
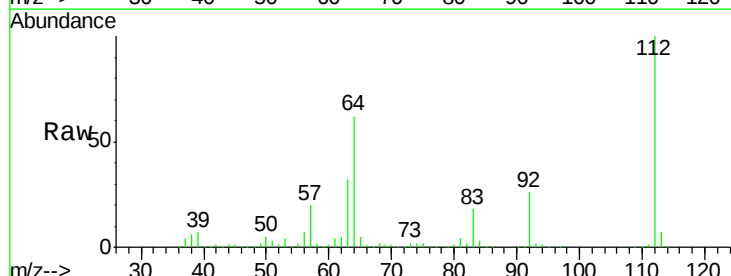
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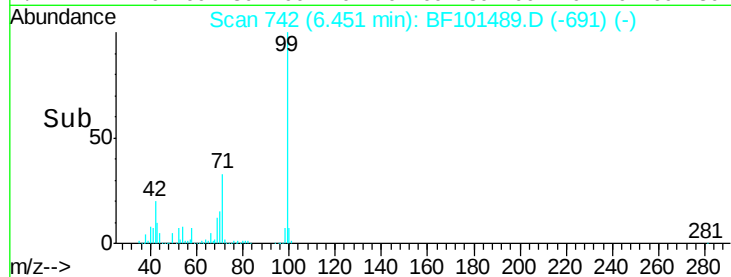
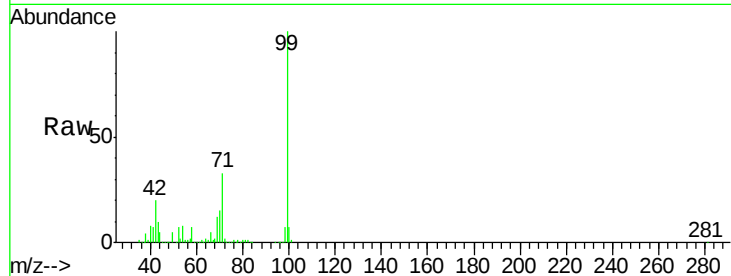
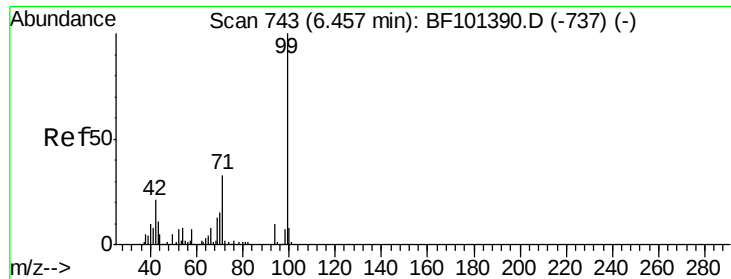


#5

2-Fluorophenol
Concen: 85.683 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	31.6	23.7	35.5





#7

Phenol-d6

Concen: 84.154 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101489.D

Acq: 18 Dec 2017 19:09

Tgt Ion: 99 Resp: 1102350

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 33.1 25.4 38.0

Instrument :

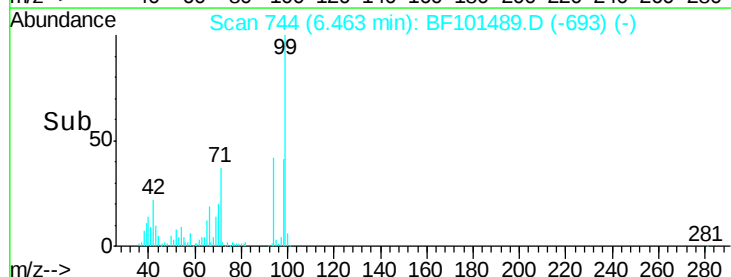
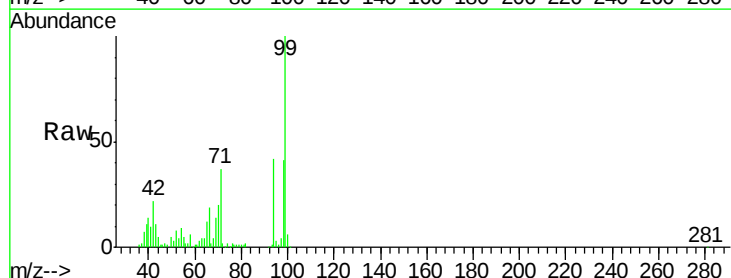
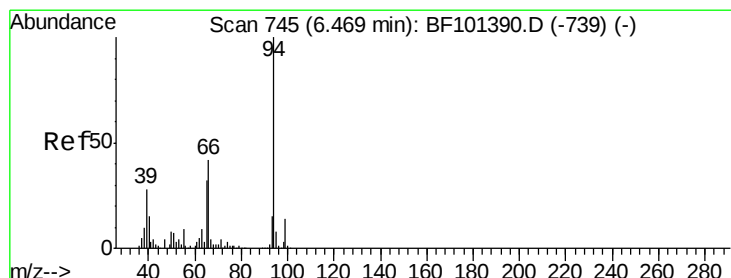
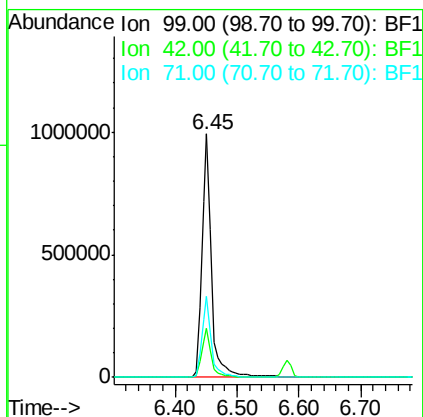
BNA_F

ClientSampled :

7

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#10

Phenol

Concen: 4.016 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101489.D

Acq: 18 Dec 2017 19:09

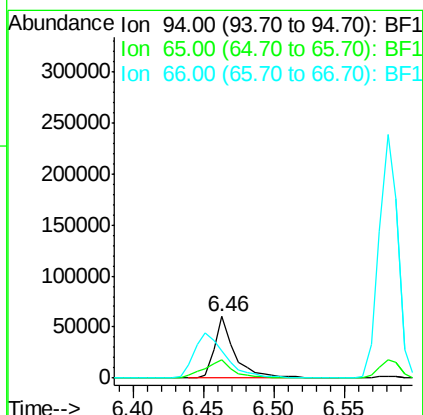
Tgt Ion: 94 Resp: 59966

Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

66 44.9 16.2 56.2





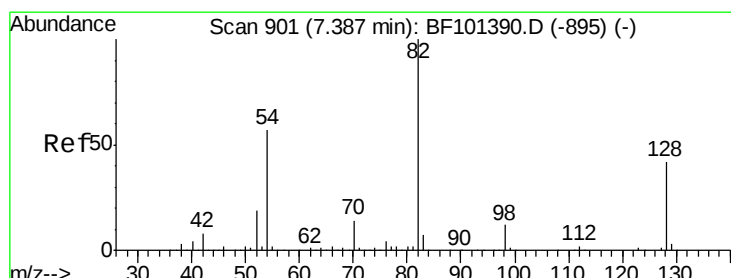
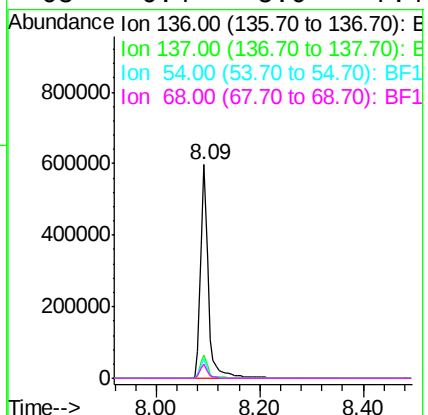
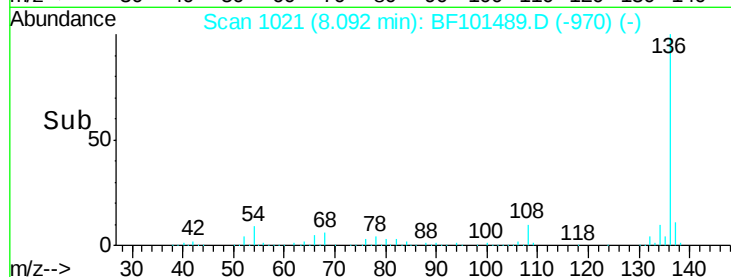
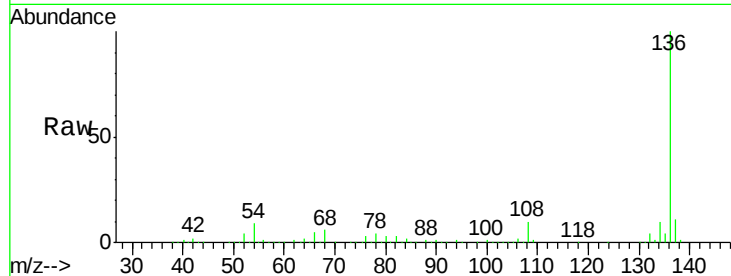
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
7

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	606751		
137	10.9		8.9	13.3
54	8.8		6.6	9.8
68	6.4		5.0	7.4

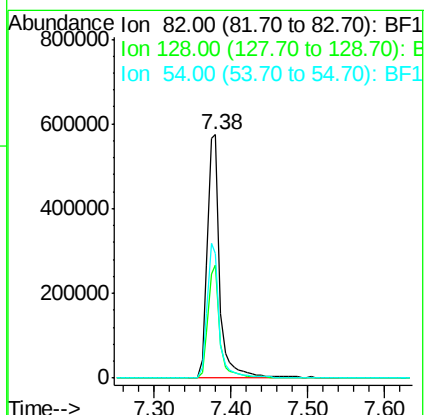
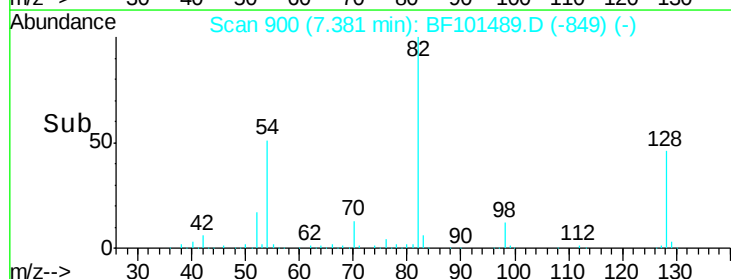
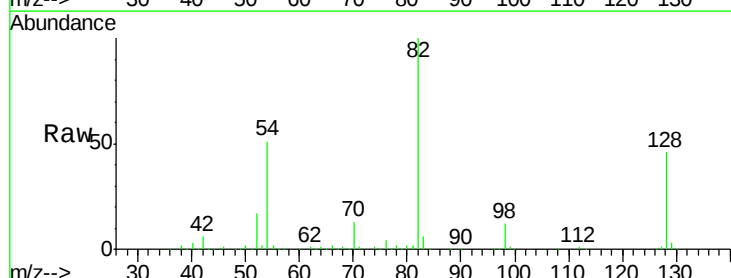
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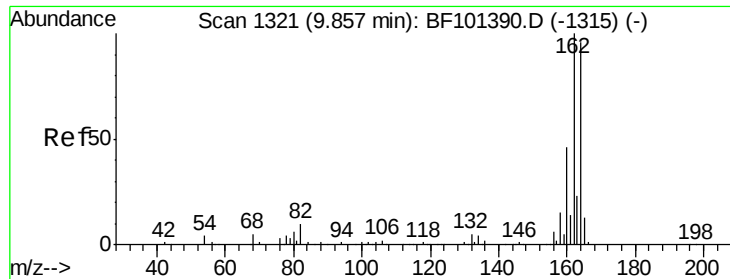
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#23
Nitrobenzene-d5
Concen: 59.769 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	651472		
128	46.5		36.1	54.1
54	51.0		41.4	62.2





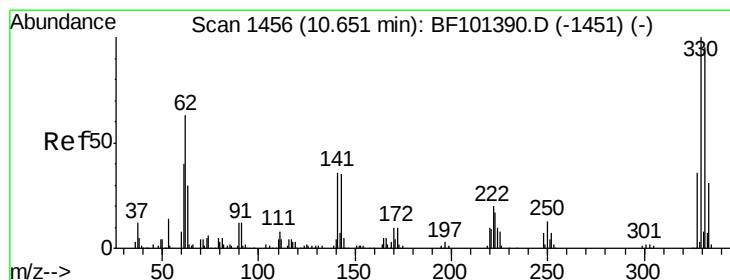
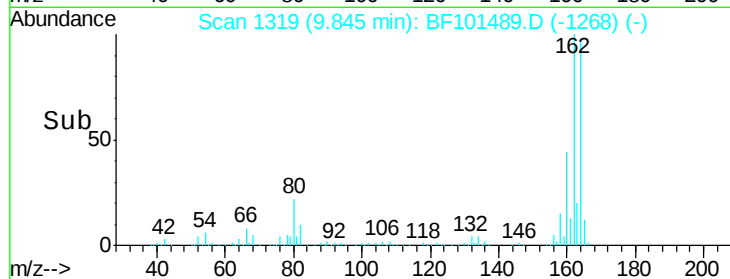
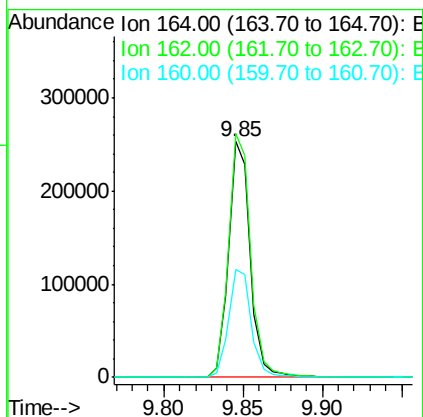
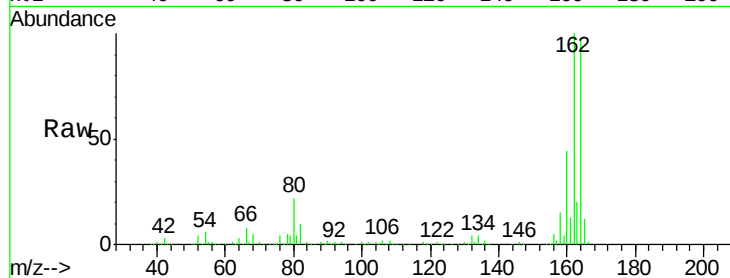
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
7

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	239991		
162	103.2	86.1	129.1	
160	45.5	38.3	57.5	

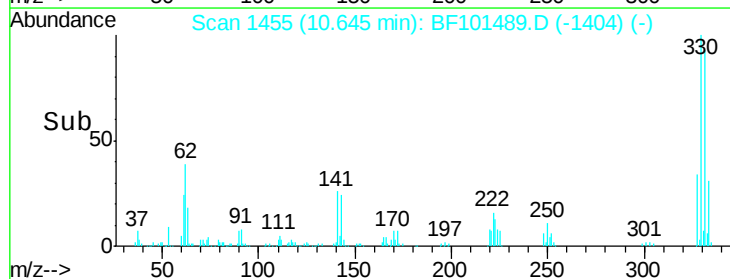
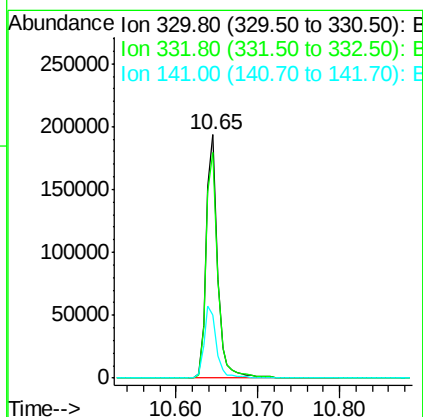
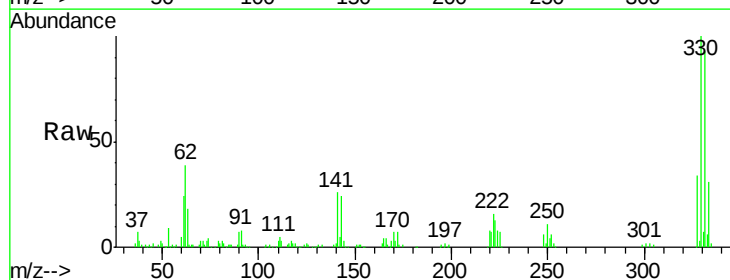
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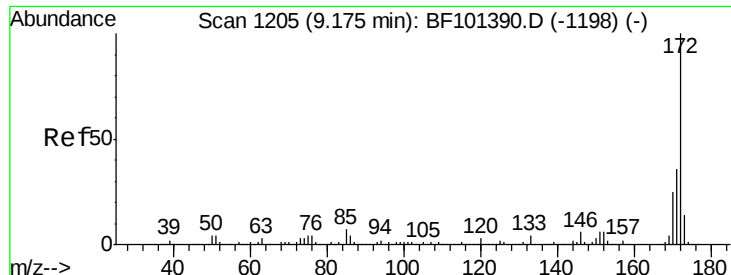
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#41
2,4,6-Tribromophenol
Concen: 81.774 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	189102		
332	94.9	77.0	115.6	
141	31.9	29.9	44.9	





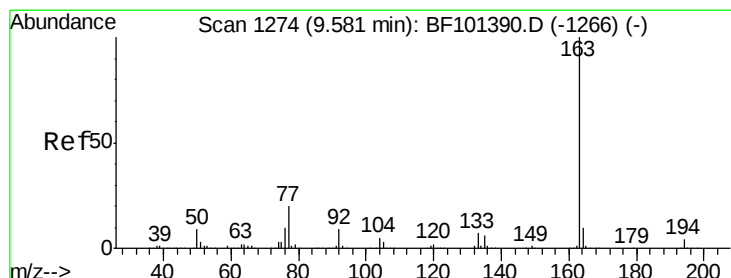
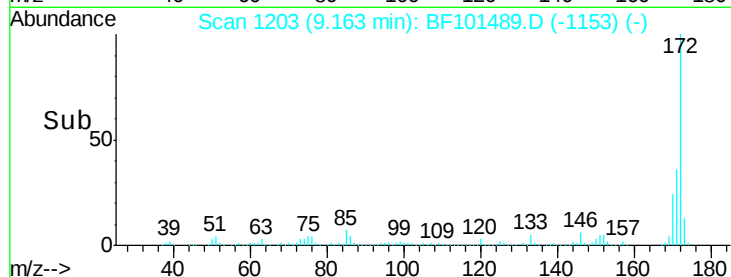
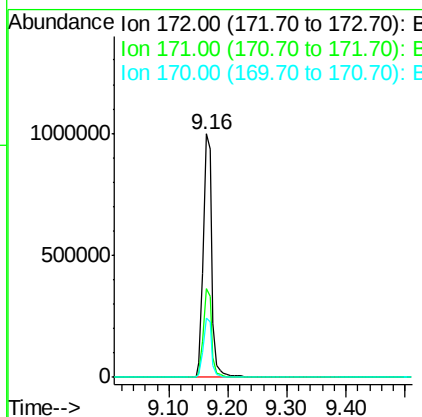
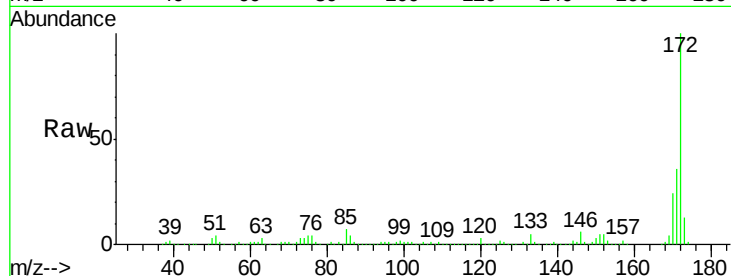
#44
 2-Fluorobiphenyl
 Concen: 64.237 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101489.D
 Acq: 18 Dec 2017 19:09

Instrument :
 BNA_F
 ClientSampled :
 7

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	993803		
171	36.2		29.7	44.5
170	24.2		19.6	29.4

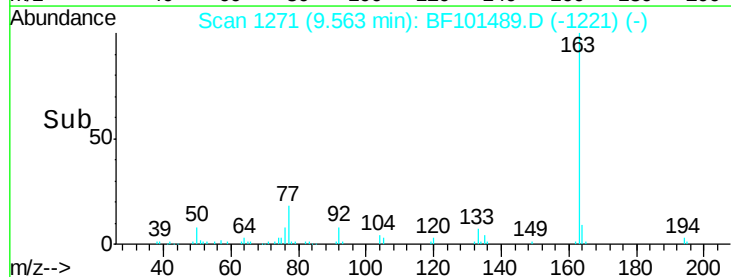
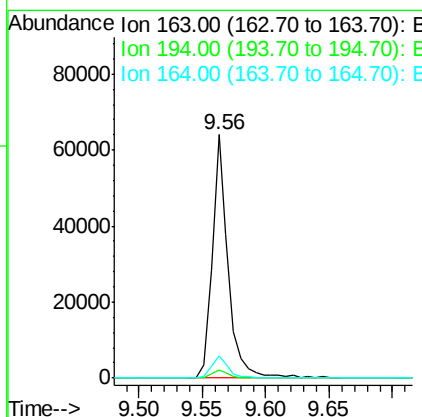
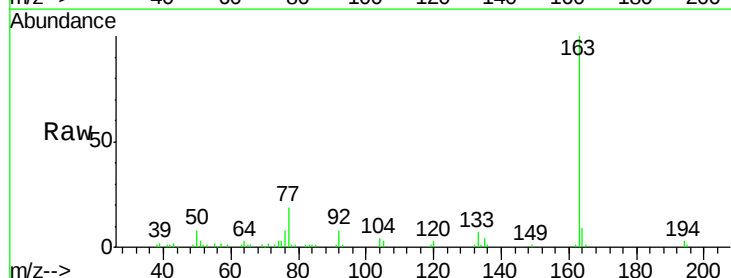
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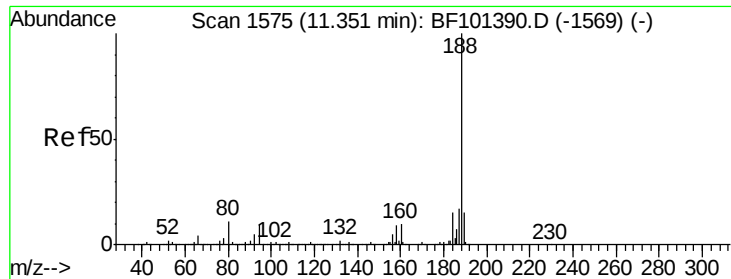
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#49
 Dimethylphthalate
 Concen: 2.909 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF101489.D
 Acq: 18 Dec 2017 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	56147		
194	3.2		2.7	4.1
164	9.2		8.2	12.2





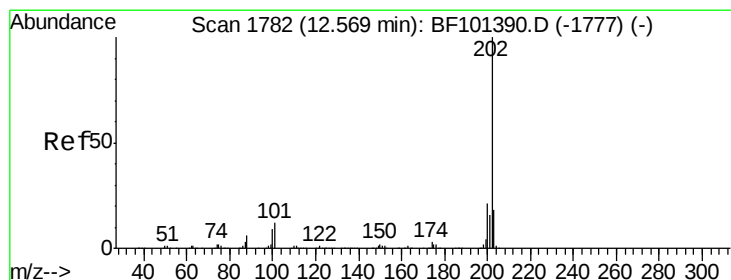
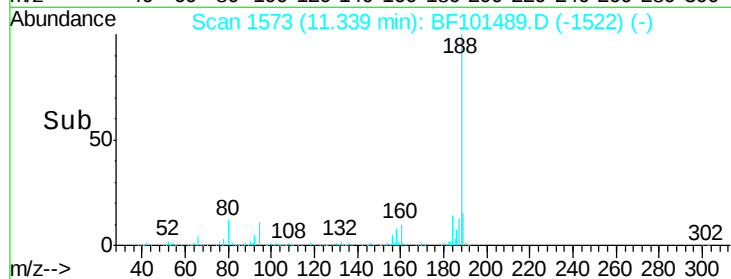
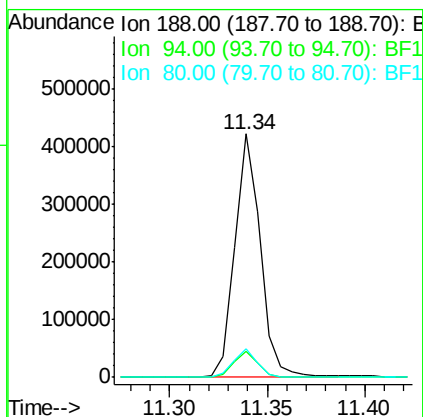
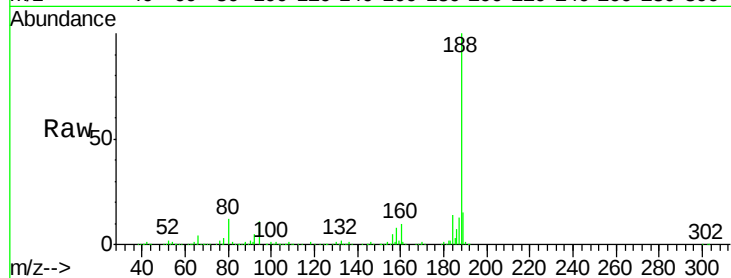
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
7

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	8.5	12.7
80	11.5	9.2	13.8

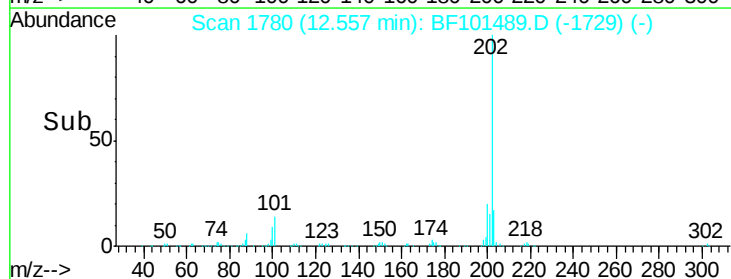
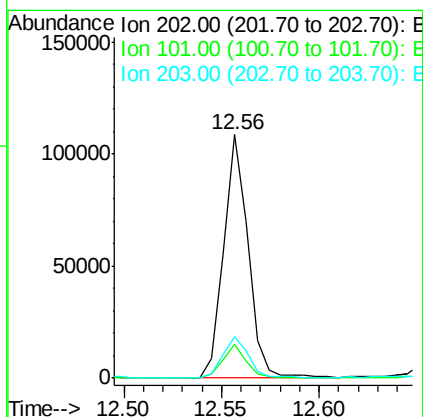
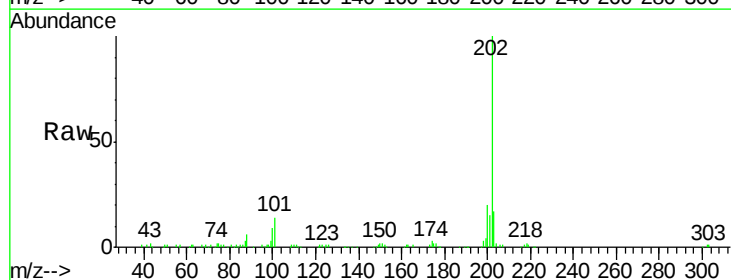
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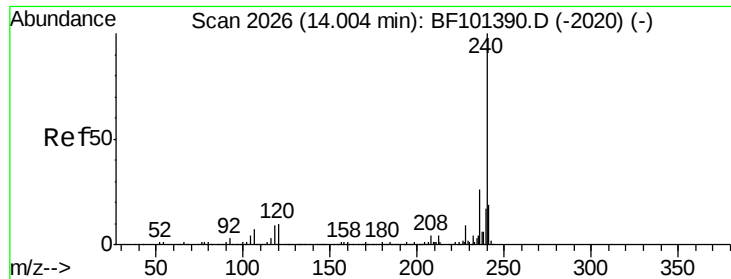
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#74
Fluoranthene
Concen: 4.275 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	0.0	34.1
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101489.D

Acq: 18 Dec 2017 19:09

Instrument :

BNA_F

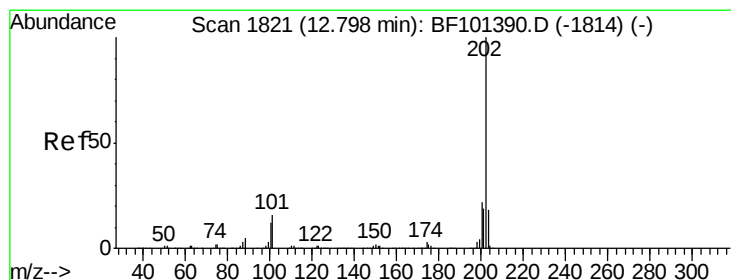
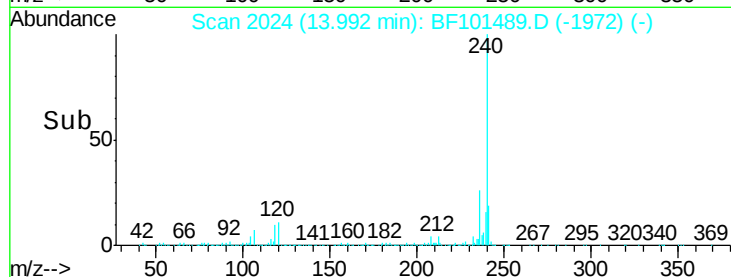
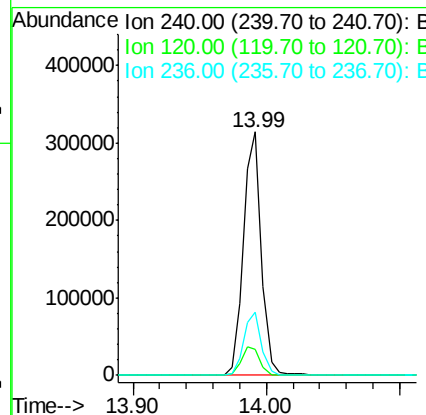
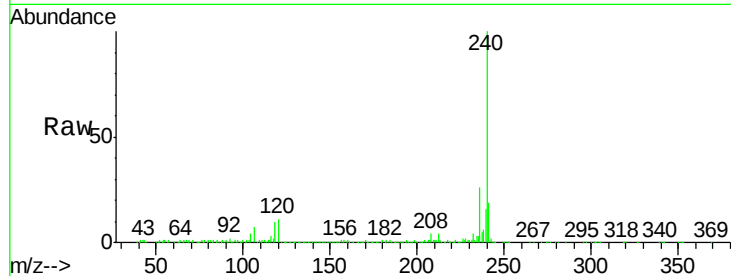
ClientSampleId :

7

Tgt Ion:	240	Resp:	293690
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	26.2	20.7	31.1

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#77

Pyrene

Concen: 4.008 ng

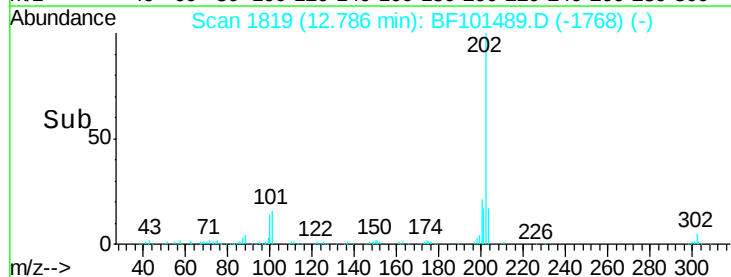
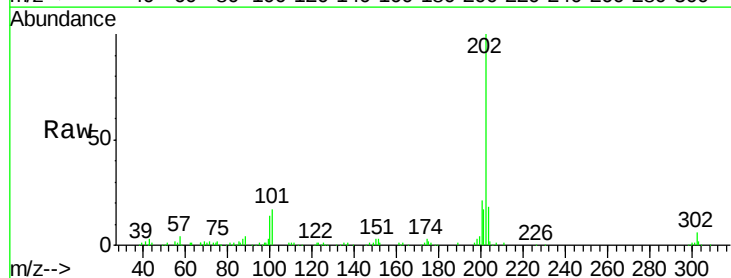
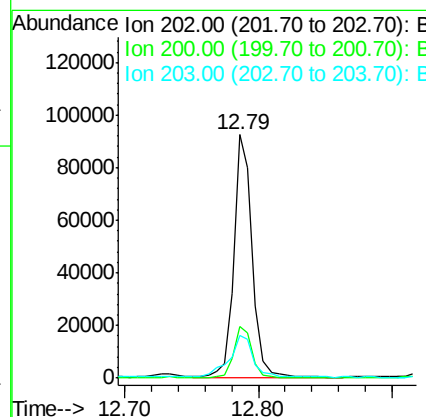
RT: 12.79 min Scan# 1819

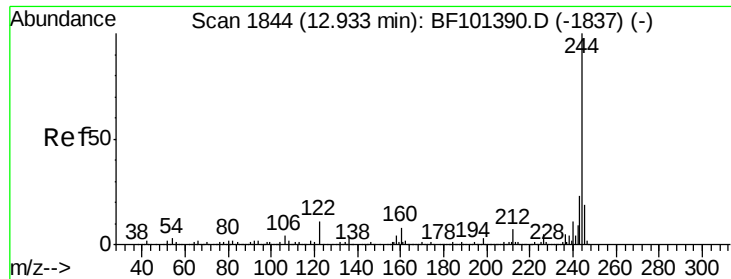
Delta R.T. -0.00 min

Lab File: BF101489.D

Acq: 18 Dec 2017 19:09

Tgt Ion:	202	Resp:	88331
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.6	14.3	21.5





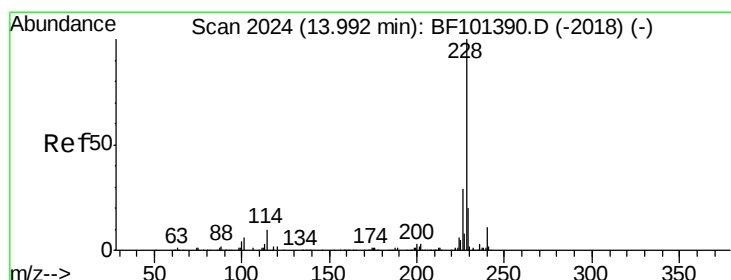
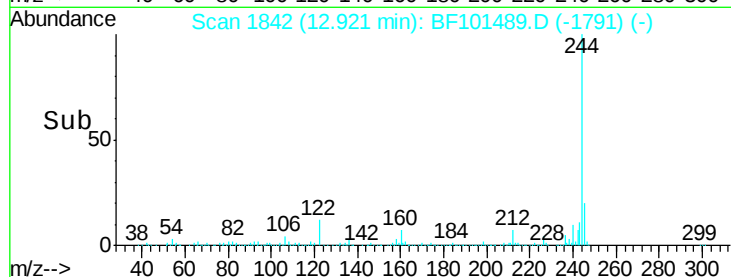
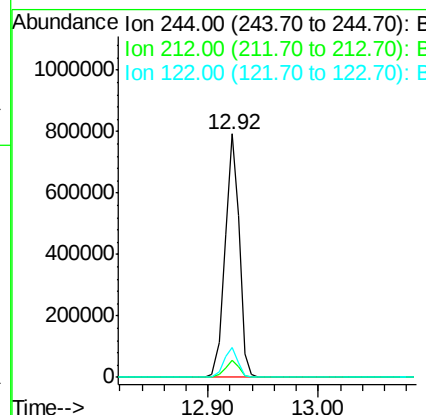
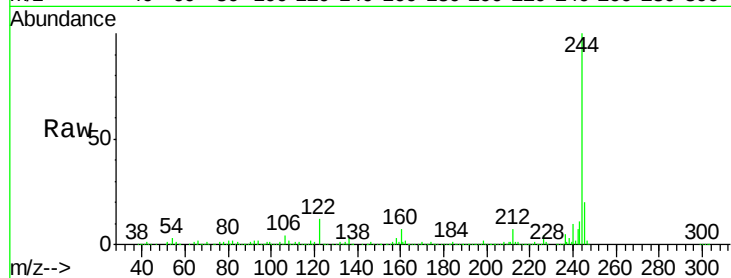
#78
 Terphenyl-d14
 Concen: 58.053 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF101489.D
 Acq: 18 Dec 2017 19:09

Instrument :
 BNA_F
 ClientSampled :
 7

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.1	11.0	16.4

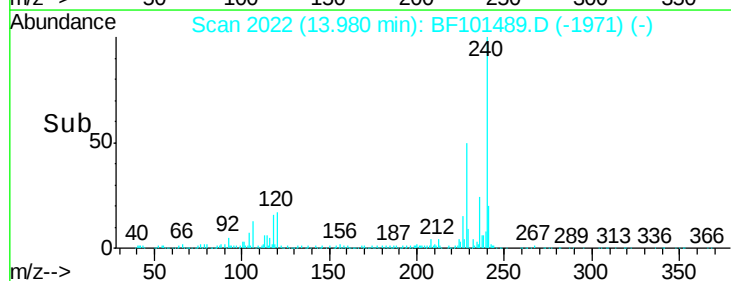
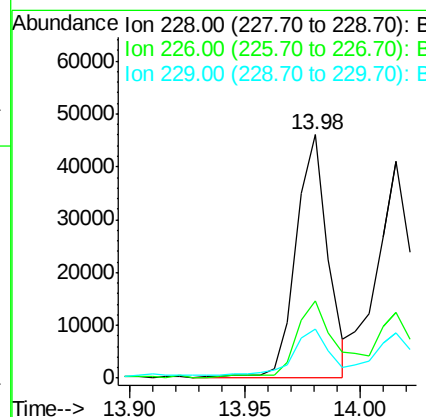
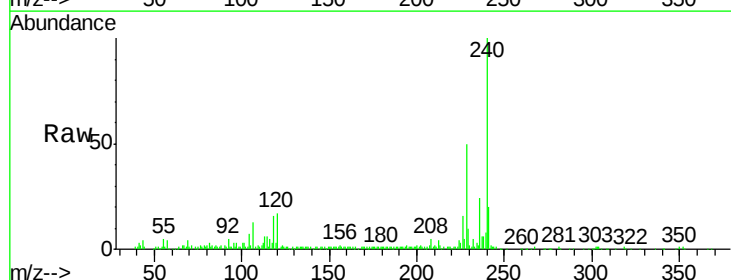
Manual Integrations
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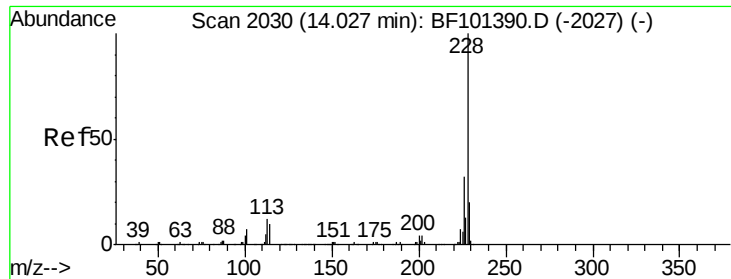
Sohil
 12/19/2017 4:49:58 PM



#80
 Benzo(a)anthracene
 Concen: 2.273 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF101489.D
 Acq: 18 Dec 2017 19:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	20.0	15.8	23.6





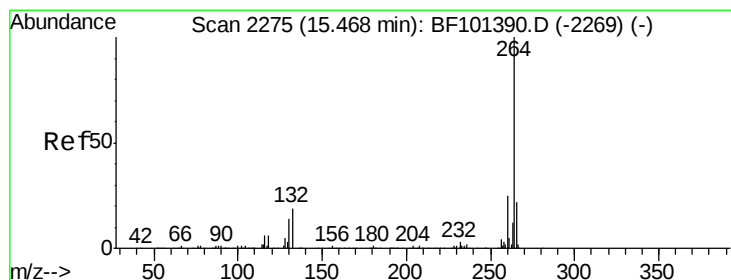
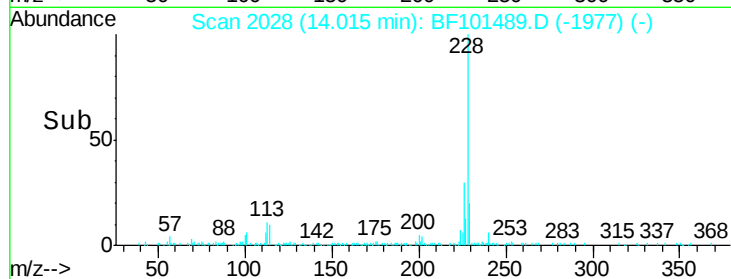
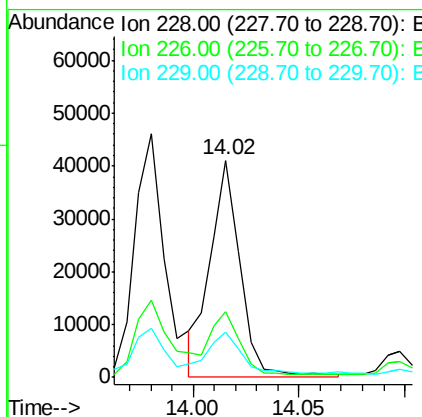
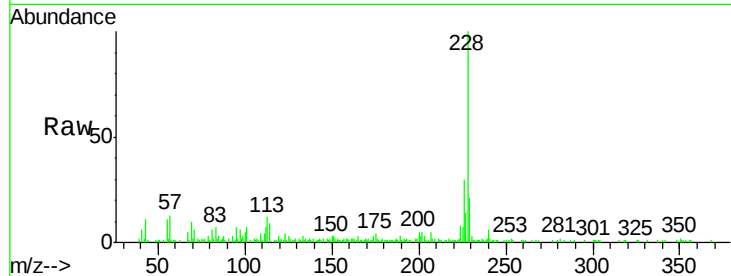
#82
Chrysene
Concen: 2.209 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
7

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.0	16.2	24.4

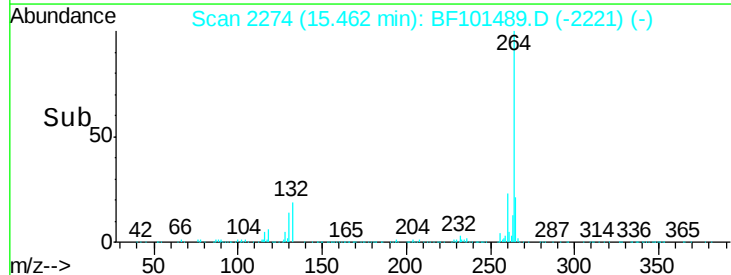
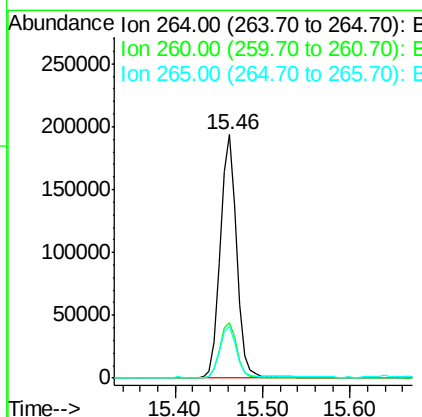
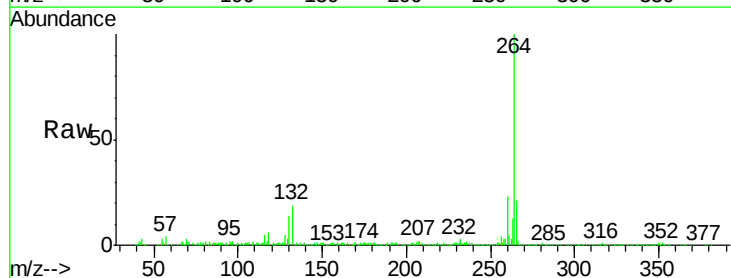
Manual Integrations
APPROVED

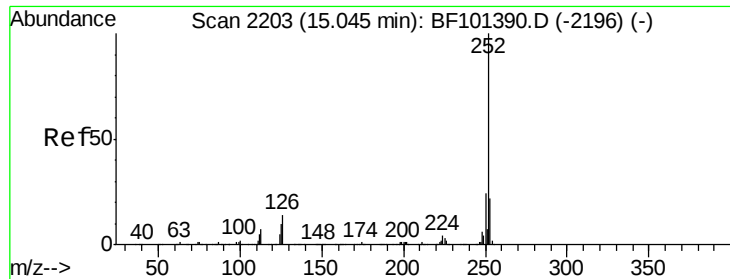
Sohil
12/19/2017 4:49:58 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.4	17.5	26.3





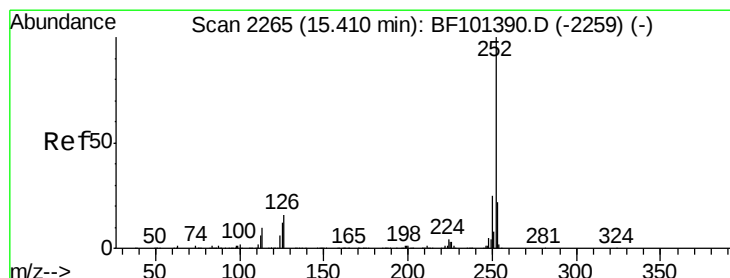
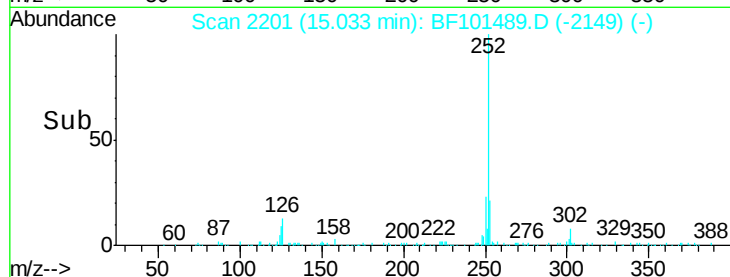
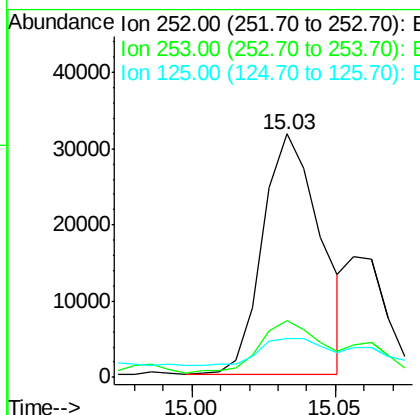
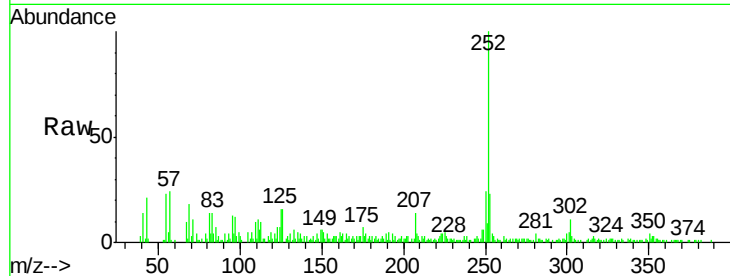
#87
Benzo(b)fluoranthene
Concen: 2.842 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	15.7	9.0	13.6

Manual Integrations
APPROVED

Sohil
12/19/2017 4:49:58 PM



#89
Benzo(a)pyrene
Concen: 2.040 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF101489.D
Acq: 18 Dec 2017 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	19.0	9.8	14.6

