

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101459.D
 Acq On : 15 Dec 2017 22:35
 Operator : SJ/JU
 Sample : I6875-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-04A0-2

Manual Integrations
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Sohil
 12/18/2017 2:04:25 PM

Quant Time: Dec 16 00:24:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	172171	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	677881	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	272021	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	431744	20.00	ng	0.00
75) Chrysene-d12	14.00	240	327705	20.00	ng	0.00
86) Perylene-d12	15.47	264	274274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	578676	50.07	ng	0.00
7) Phenol-d6	6.45	99	703661	48.92	ng	0.00
23) Nitrobenzene-d5	7.38	82	423519	34.78	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	118207	45.10	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	738325	42.10	ng	0.00
78) Terphenyl-d14	12.93	244	522269	38.42	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	71052	3.247	ng	Qvalue 99
70) Phenanthrene	11.37	178	300916	12.533	ng	98
71) Anthracene	11.42	178	69416	2.830	ng	99
74) Fluoranthene	12.56	202	492898	19.558	ng	99
77) Pyrene	12.80	202	458187	18.630	ng	100
80) Benzo(a)anthracene	13.99	228	240599	11.119	ng	98
82) Chrysene	14.02	228	216133	10.579	ng	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	94393	5.188	ng	# 91
87) Benzo(b)fluoranthene	15.04	252	252533m	15.106	ng	
88) Benzo(k)fluoranthene	15.07	252	73571m	4.526	ng	
89) Benzo(a)pyrene	15.42	252	164429	10.669	ng	98
91) Benzo(g,h,i)perylene	17.42	276	95245	7.269	ng	95

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

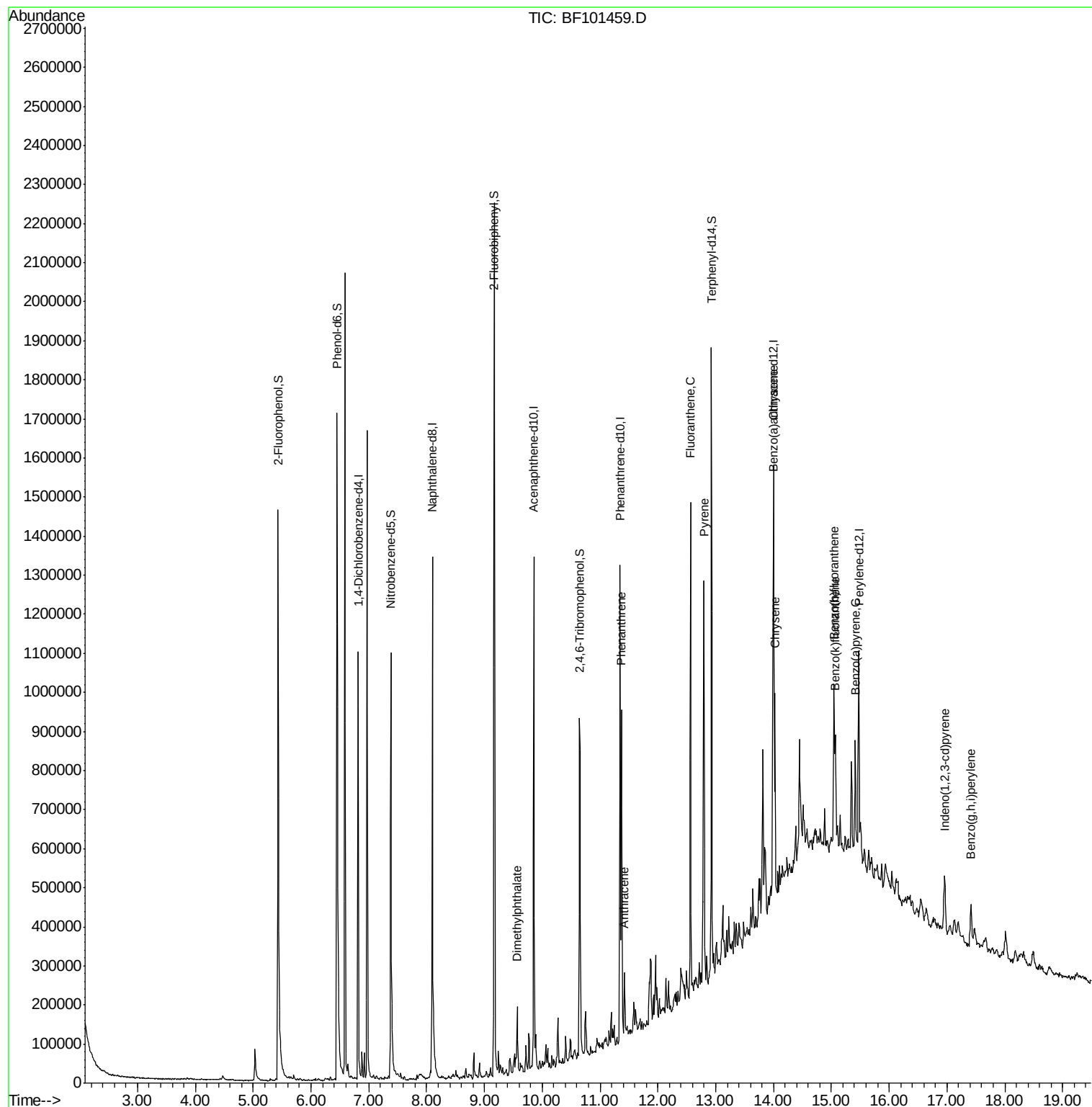
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101459.D
Acq On : 15 Dec 2017 22:35
Operator : SJ/JU
Sample : I6875-03 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

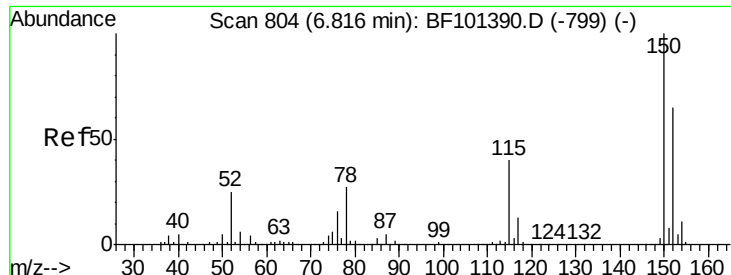
Instrument :
BNA_F
ClientSampleId :
TP-04A0-2

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

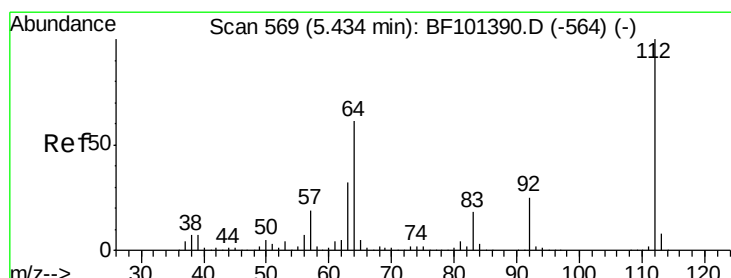
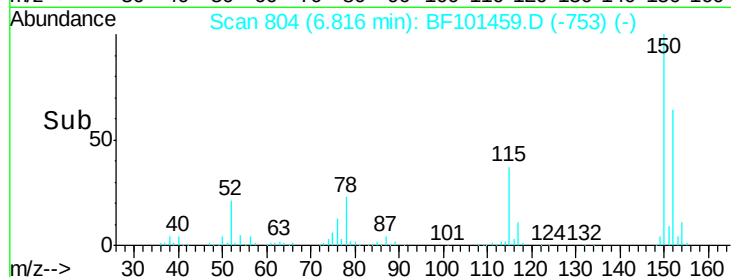
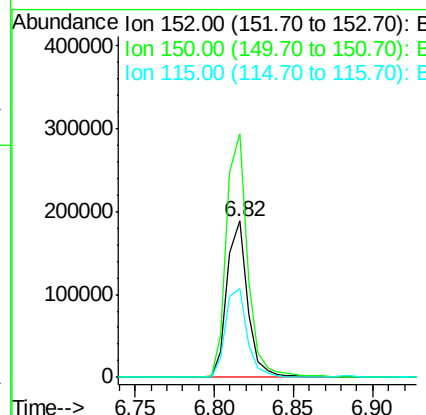
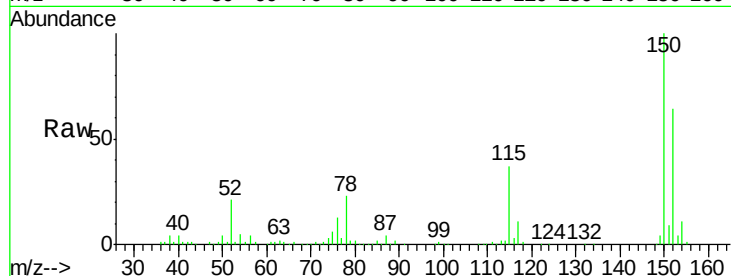
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :
TP-04A0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	57.1	50.1	75.1

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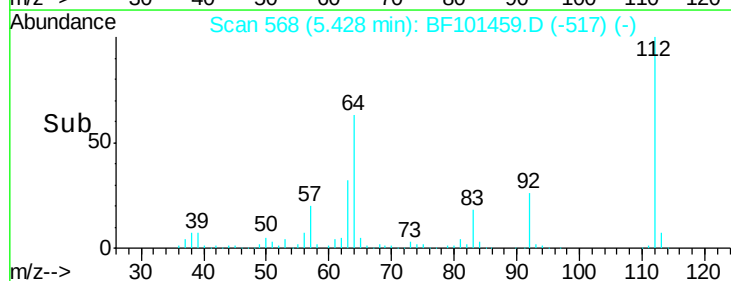
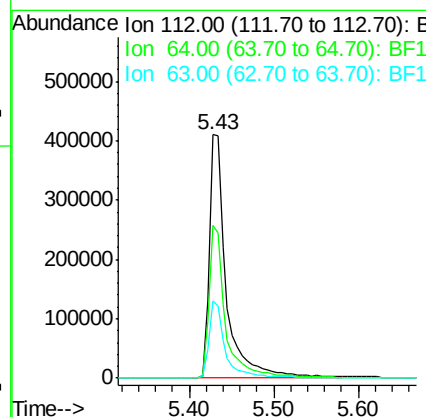
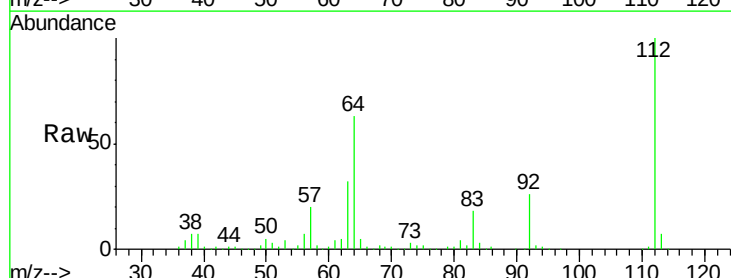
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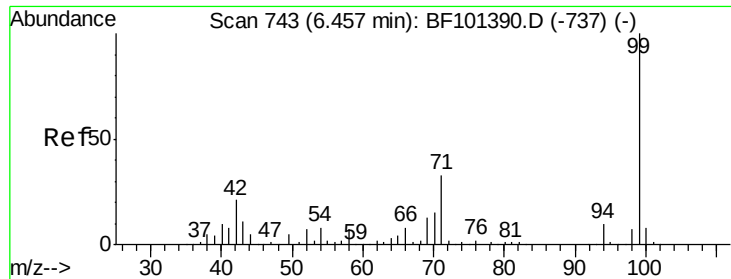


#5

2-Fluorophenol
Concen: 50.066 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	31.7	23.7	35.5





#7

Phenol-d6

Concen: 48.917 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101459.D

Acq: 15 Dec 2017 22:35

Instrument :

BNA_F

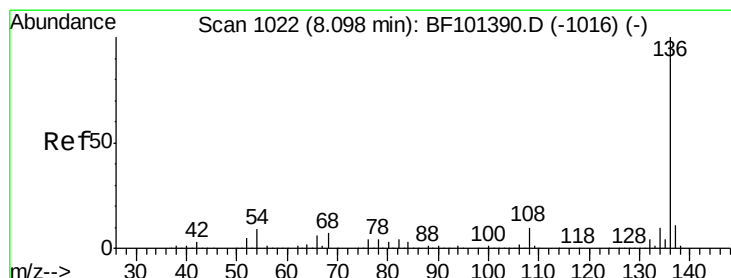
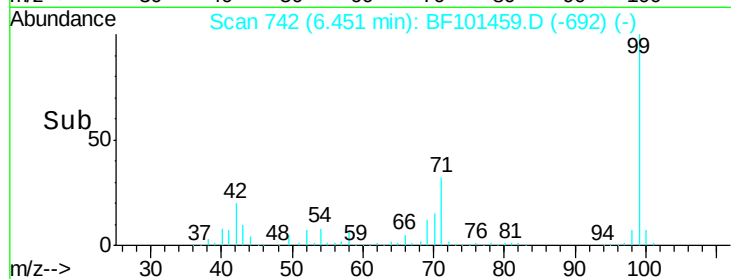
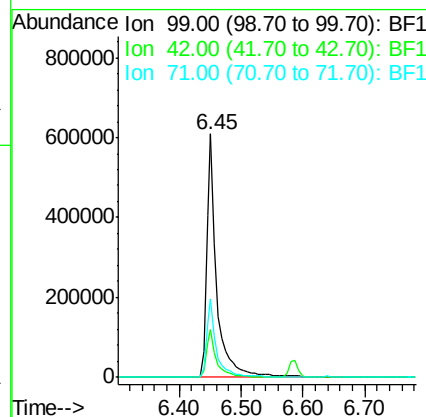
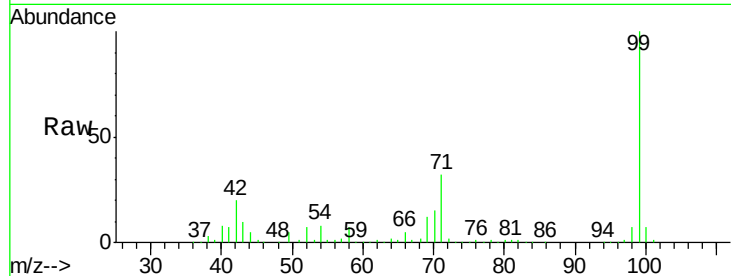
ClientSampleId :

TP-04A0-2

Tgt Ion:	99	Resp:	703661
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	32.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

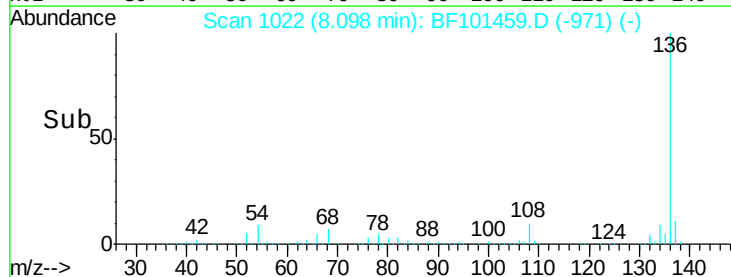
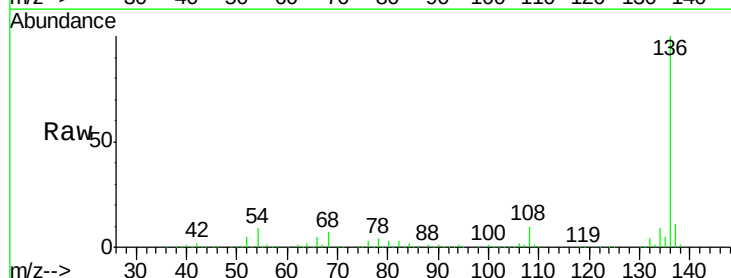
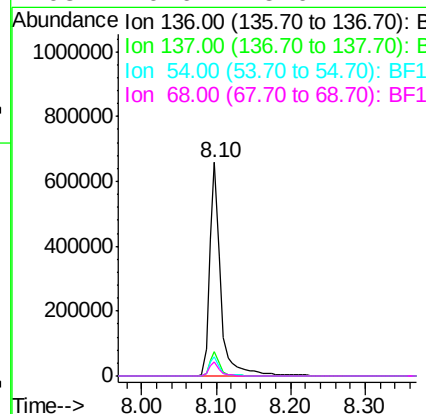
RT: 8.10 min Scan# 1022

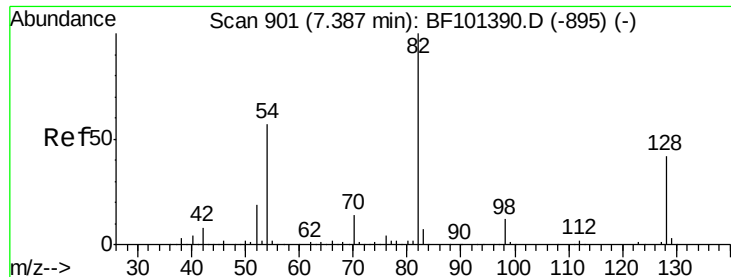
Delta R.T. 0.00 min

Lab File: BF101459.D

Acq: 15 Dec 2017 22:35

Tgt Ion:	136	Resp:	677881
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.6	9.8
68	6.6	5.0	7.4





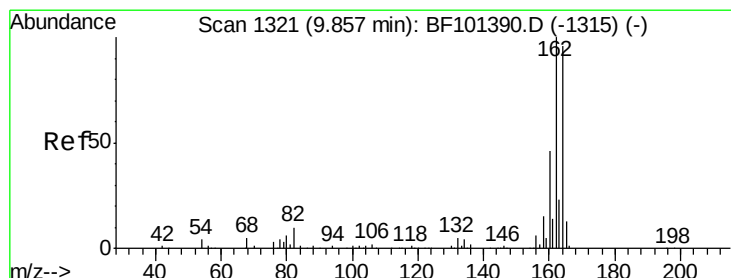
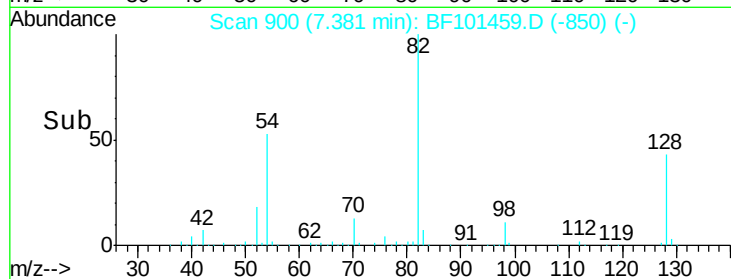
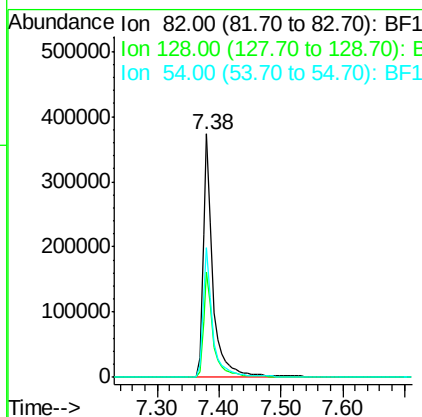
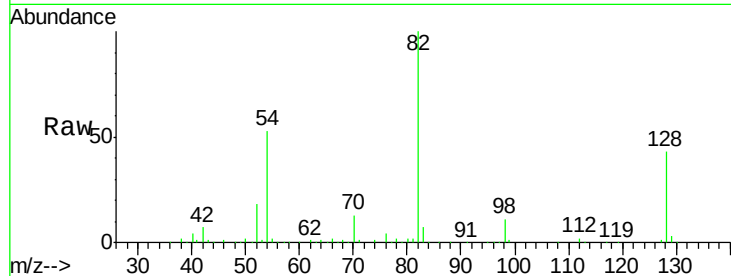
#23
Nitrobenzene-d5
Concen: 34.778 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampled :
TP-04A0-2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	423519		
128	43.0	36.1	54.1	
54	53.2	41.4	62.2	

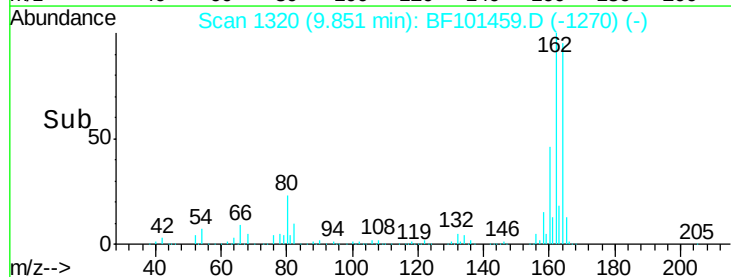
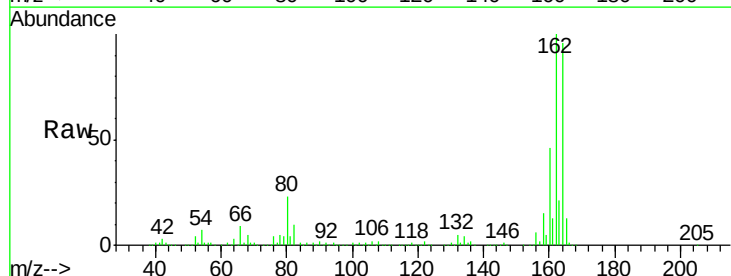
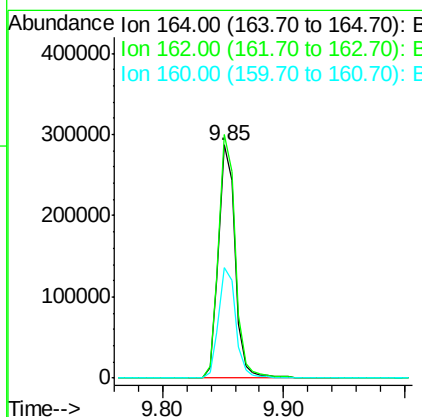
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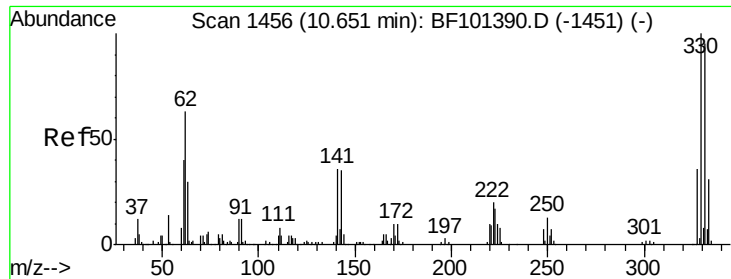
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272021		
162	104.6	86.1	129.1	
160	47.7	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 45.098 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF101459.D

Acq: 15 Dec 2017 22:35

Instrument :

BNA_F

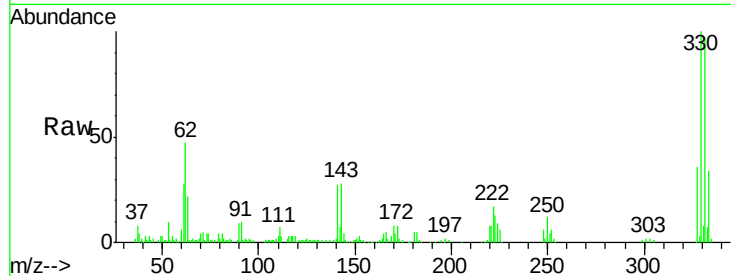
ClientSampled :

TP-04A0-2

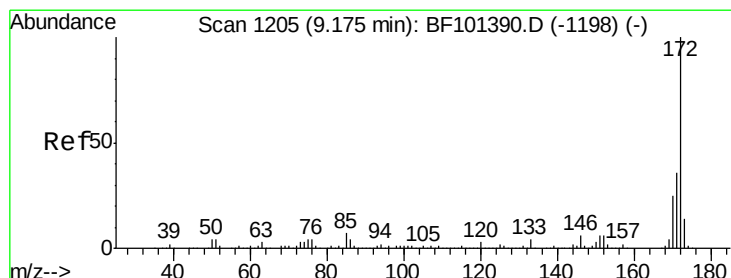
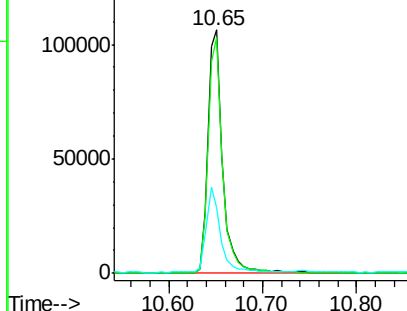
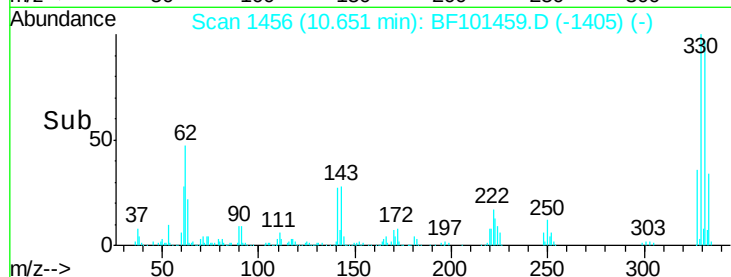
Tgt Ion:	330	Resp:	118207
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	33.3	29.9	44.9

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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: 42.104 ng

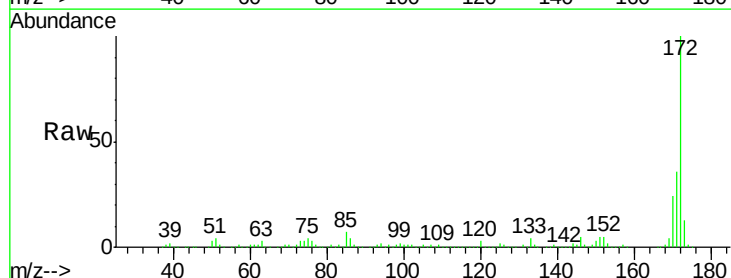
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

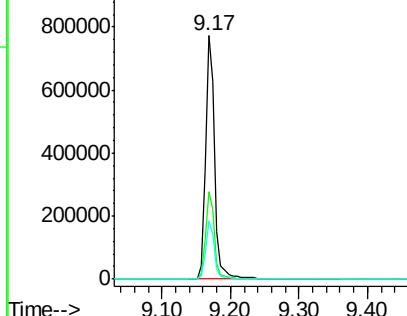
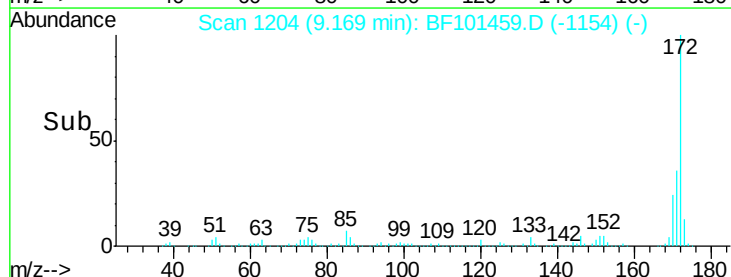
Lab File: BF101459.D

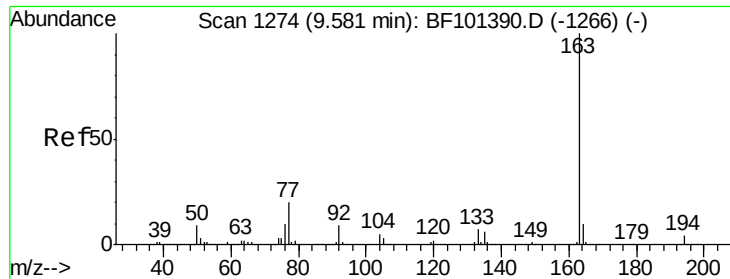
Acq: 15 Dec 2017 22:35

Tgt Ion:	172	Resp:	738325
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	23.8	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





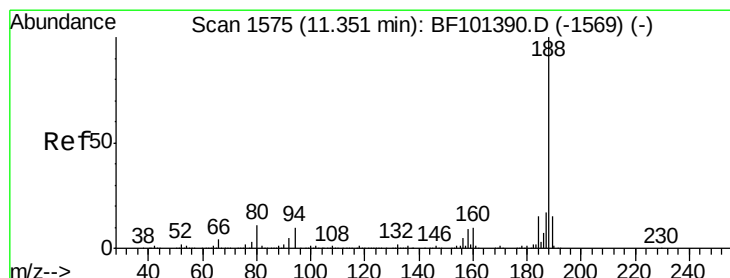
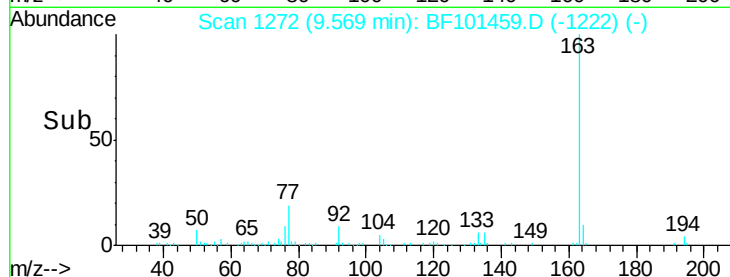
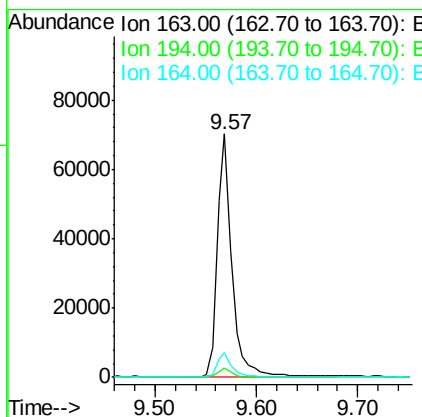
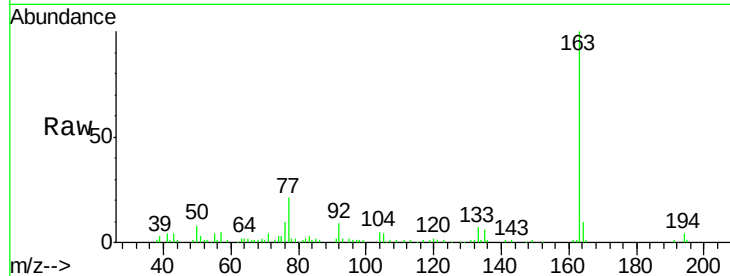
#49
Dimethylphthalate
Concen: 3.247 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :
TP-04A0-2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	71052		
194	4.0		2.7	4.1
164	10.3		8.2	12.2

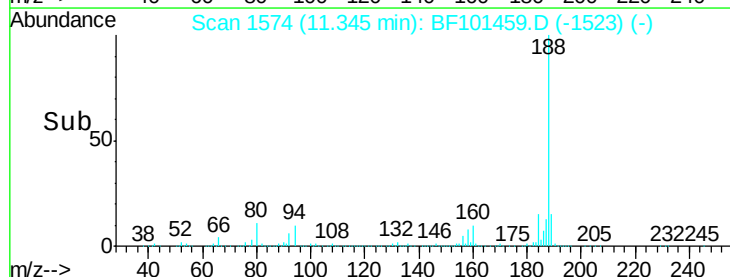
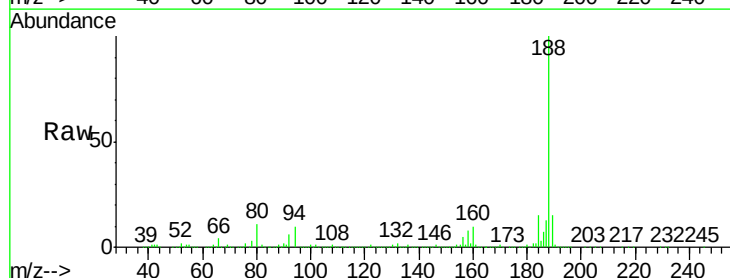
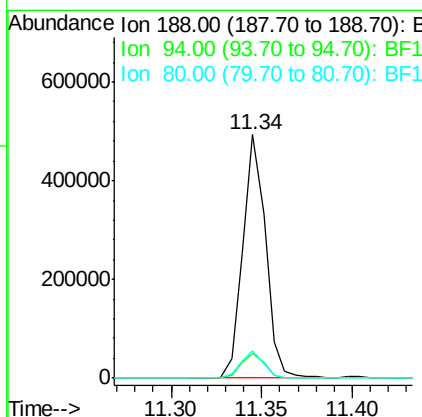
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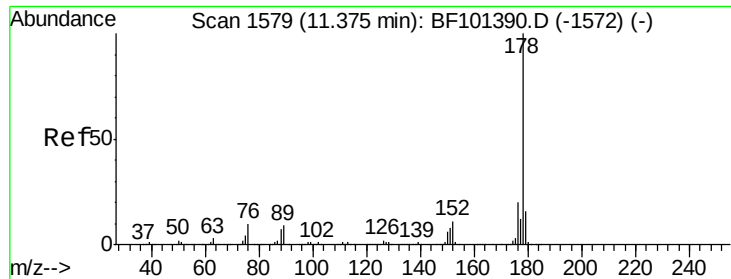
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	431744		
94	10.3		8.5	12.7
80	11.4		9.2	13.8





#70

Phenanthrene

Concen: 12.533 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF101459.D

Acq: 15 Dec 2017 22:35

Instrument :

BNA_F

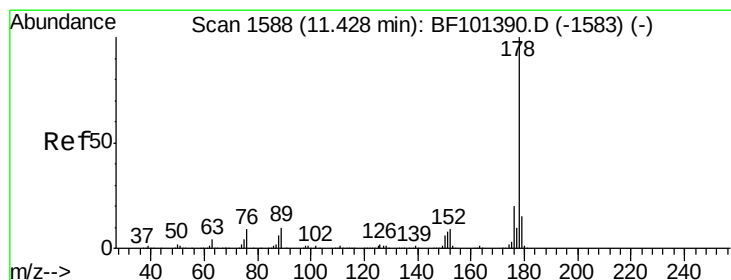
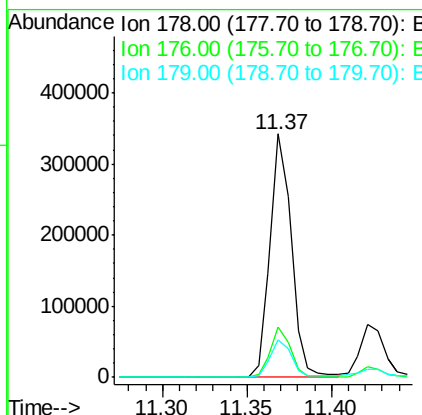
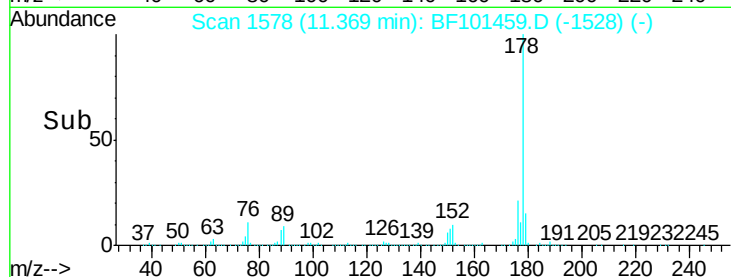
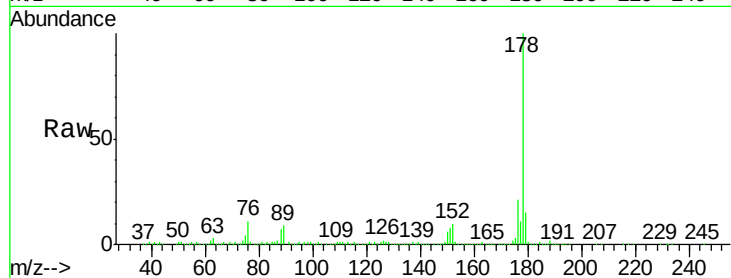
ClientSampleId :

TP-04A0-2

Tgt Ion:	178	Resp:	300916
Ion Ratio	Lower	Upper	
178	100		
176	20.7	15.8	23.8
179	15.3	13.0	19.6

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#71

Anthracene

Concen: 2.830 ng

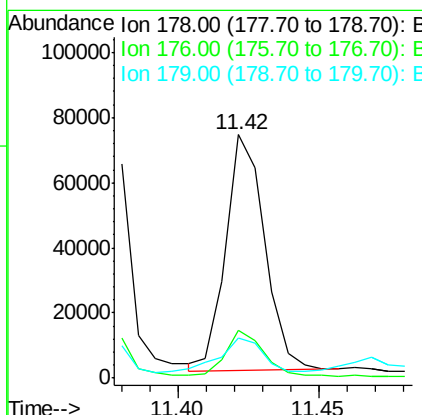
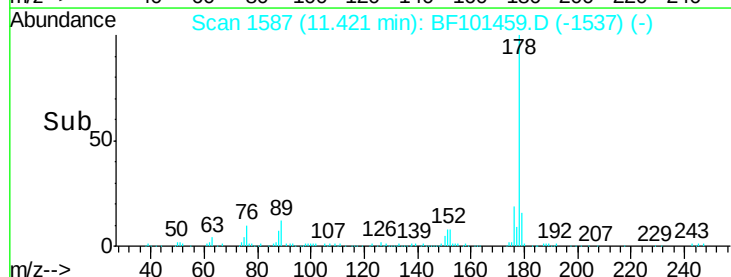
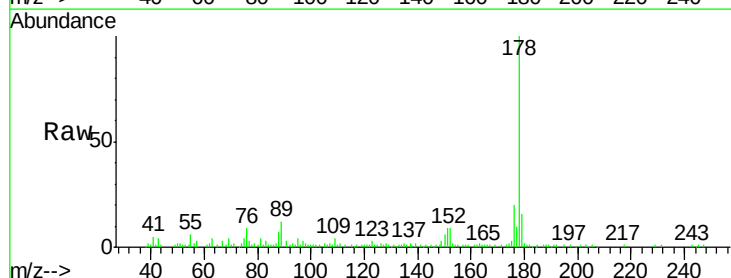
RT: 11.42 min Scan# 1587

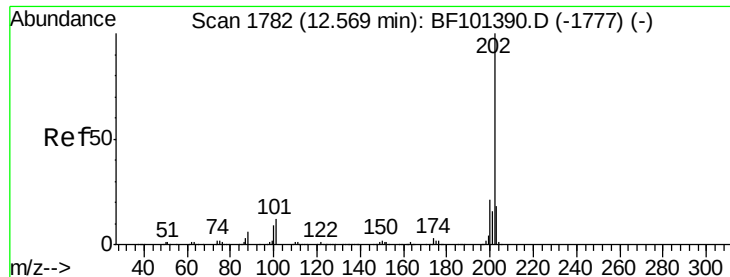
Delta R.T. -0.01 min

Lab File: BF101459.D

Acq: 15 Dec 2017 22:35

Tgt Ion:	178	Resp:	69416
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.4	23.2
179	16.4	12.6	19.0





#74

Fluoranthene

Concen: 19.558 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF101459.D

Acq: 15 Dec 2017 22:35

Instrument :

BNA_F

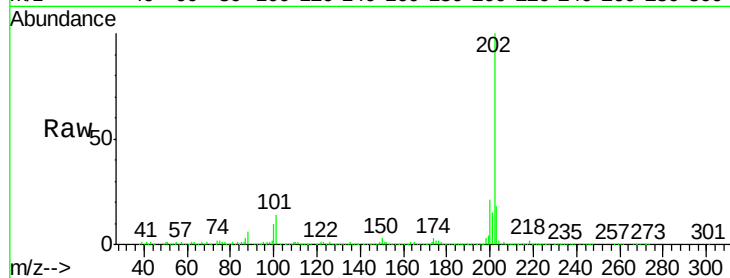
ClientSampleId :

TP-04A0-2

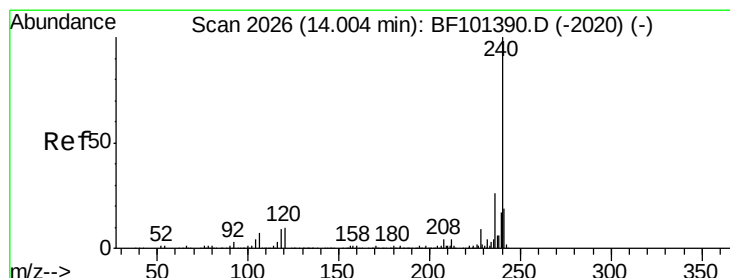
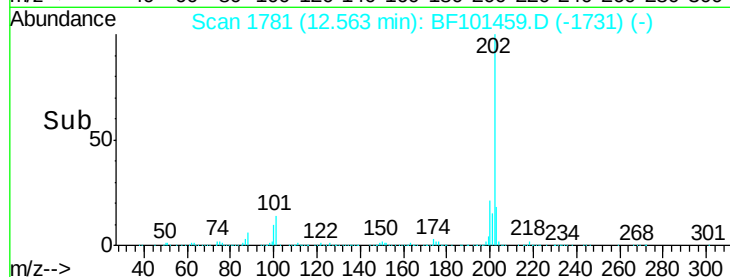
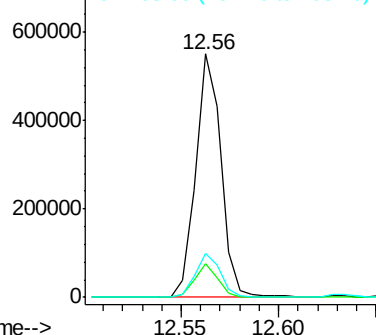
Tgt	Ion	202	Resp:	492898
Ion	Ratio	Lower	Upper	
202	100			
101	13.7	0.0	34.1	
203	18.1	0.0	38.1	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

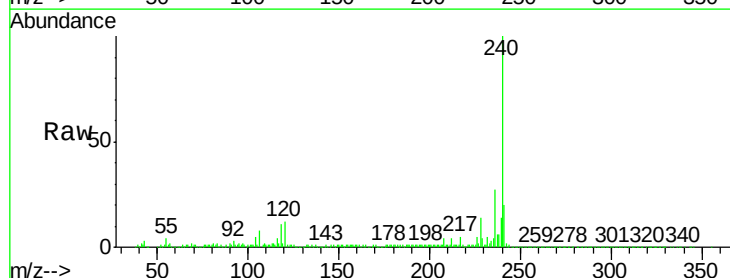
RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

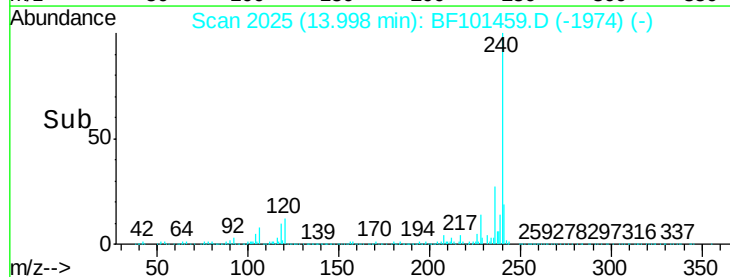
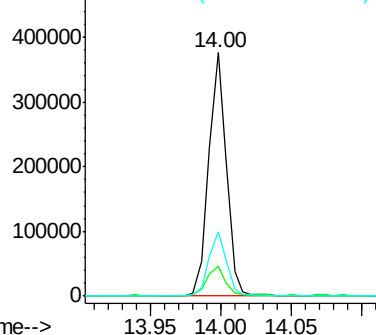
Lab File: BF101459.D

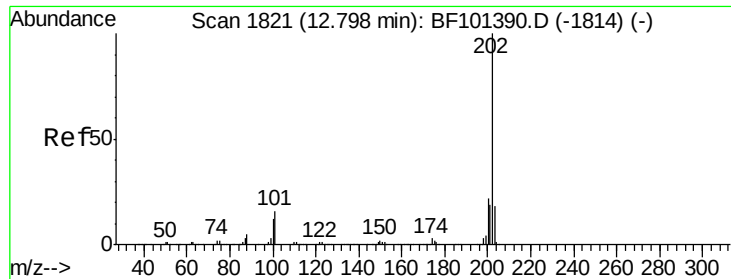
Acq: 15 Dec 2017 22:35

Tgt	Ion	240	Resp:	327705
Ion	Ratio	Lower	Upper	
240	100			
120	12.4	9.5	14.3	
236	26.7	20.7	31.1	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





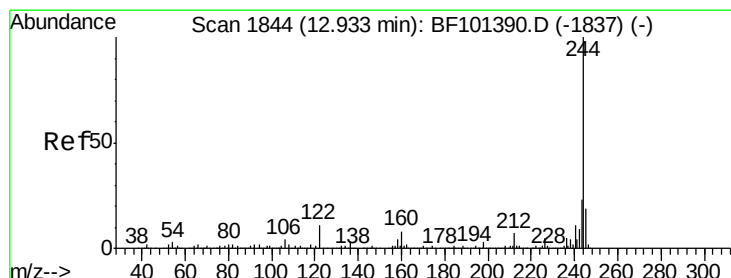
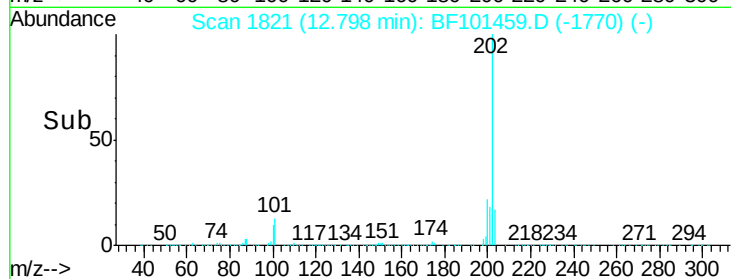
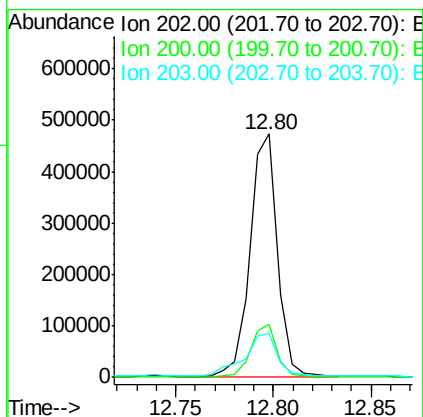
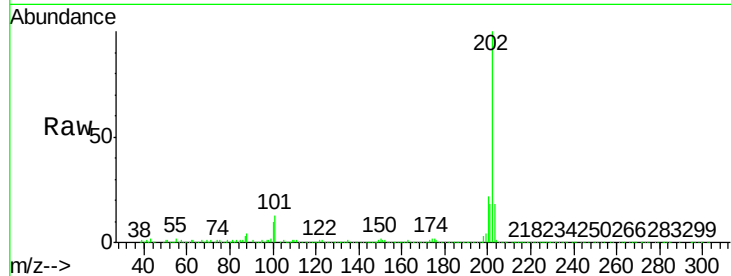
#77
 Pyrene
 Concen: 18.630 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF101459.D
 Acq: 15 Dec 2017 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-04A0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.6	17.4	26.2
203	18.0	14.3	21.5

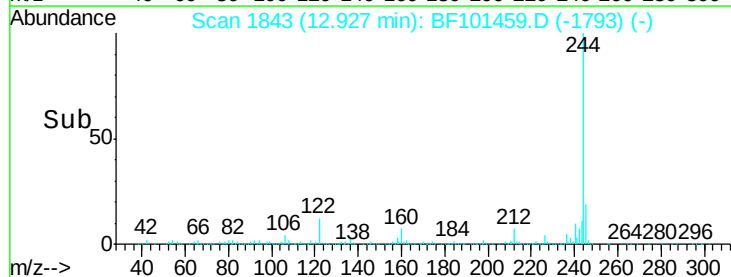
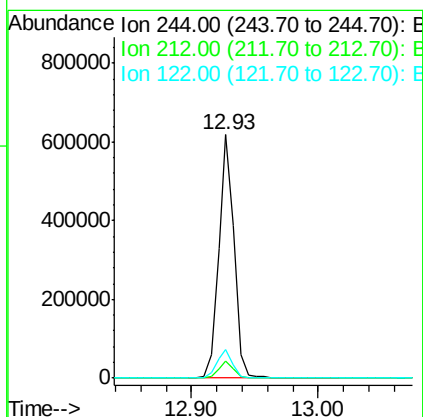
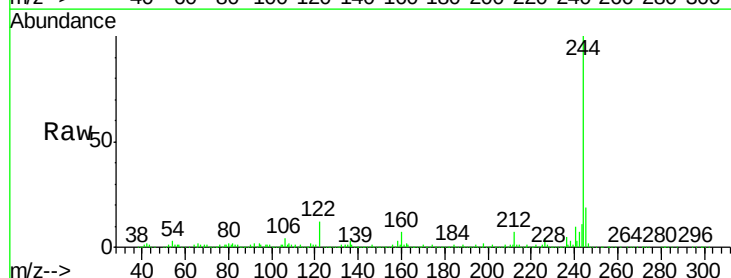
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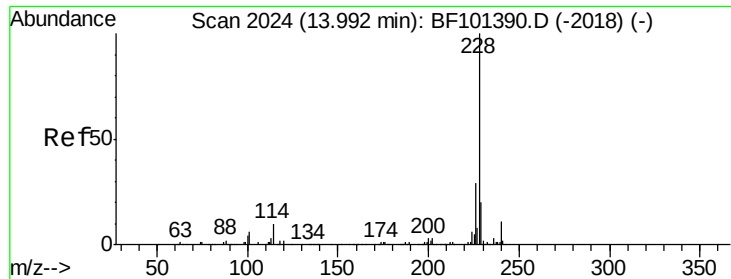
Sohil
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#78
 Terphenyl-d14
 Concen: 38.421 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF101459.D
 Acq: 15 Dec 2017 22:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	5.4	8.0
122	11.8	11.0	16.4





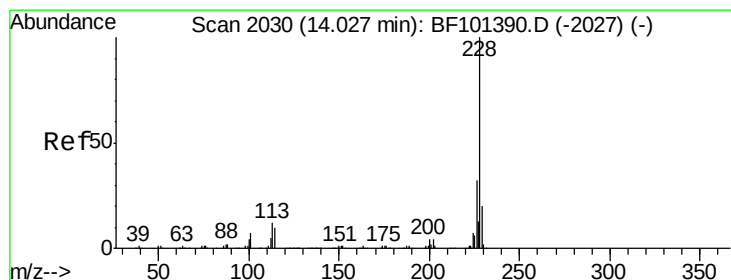
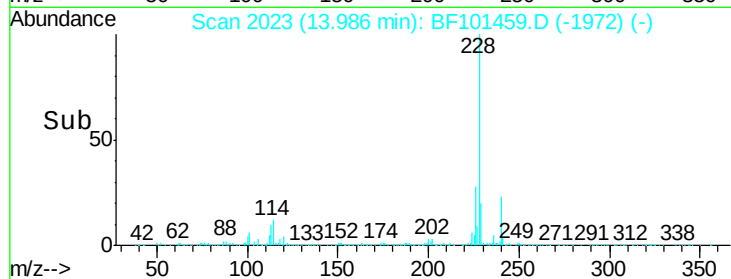
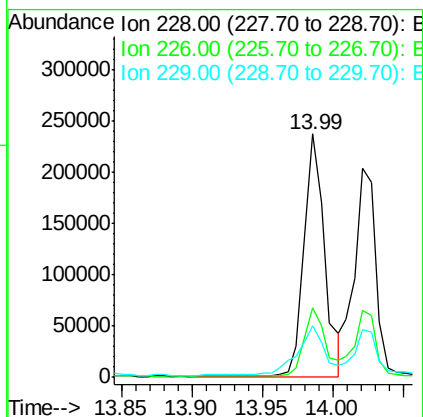
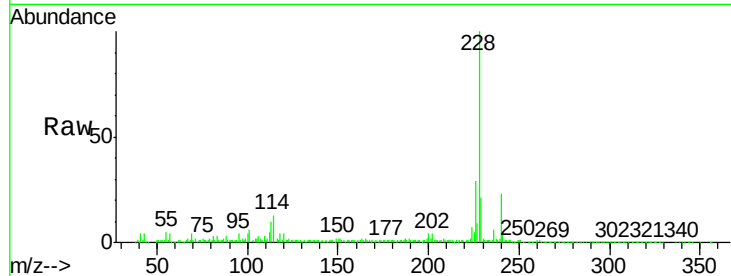
#80
Benzo(a)anthracene
Concen: 11.119 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampleId :
TP-04A0-2

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	240599		
226	28.7		22.6	33.8
229	21.0		15.8	23.6

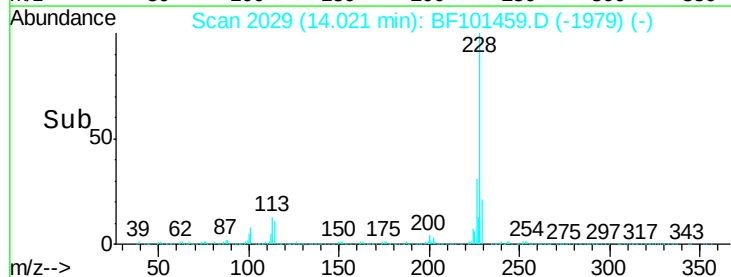
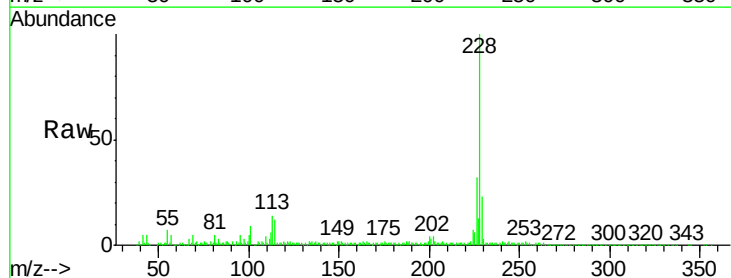
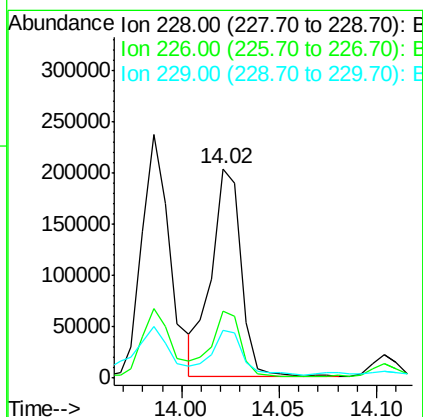
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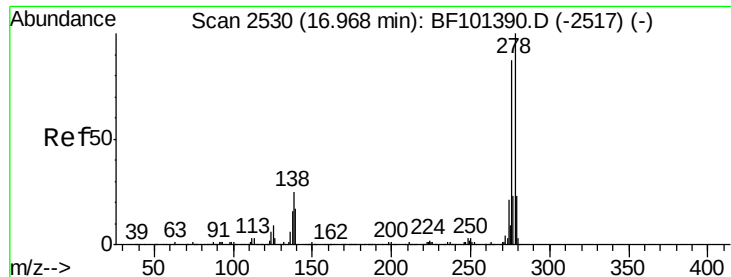
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#82
Chrysene
Concen: 10.579 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	216133		
226	32.2		25.0	37.6
229	22.8		16.2	24.4





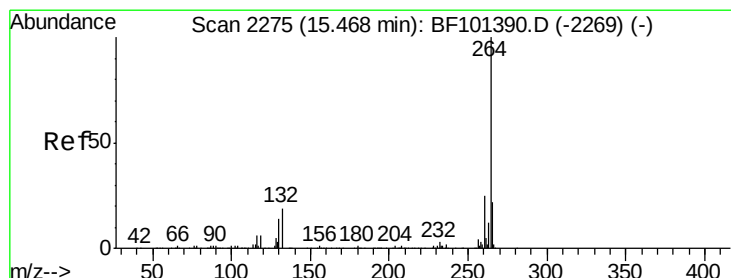
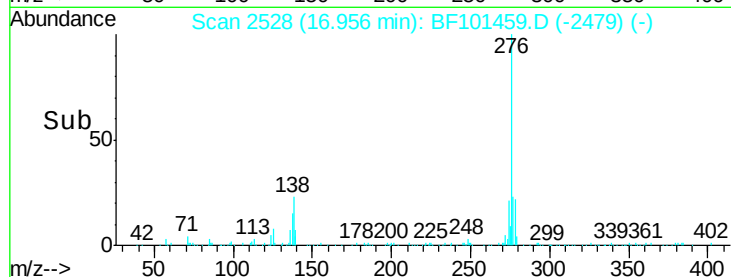
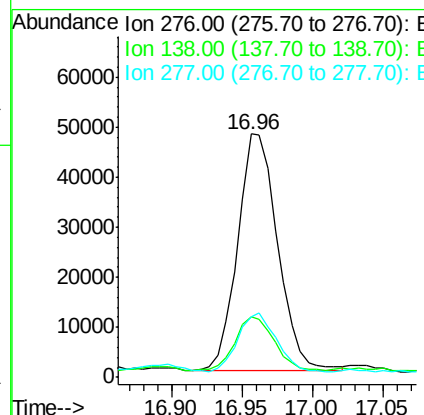
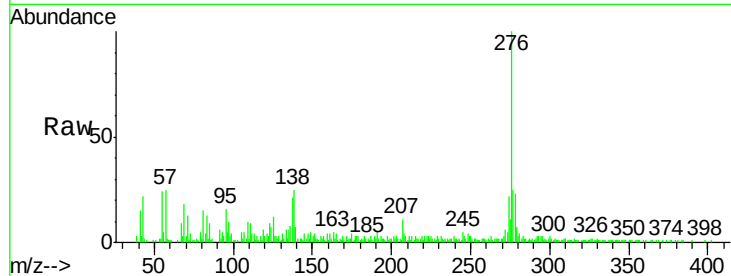
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.188 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BF101459.D
 Acq: 15 Dec 2017 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-04A0-2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	25.0	37.6#
277	23.9	20.1	30.1

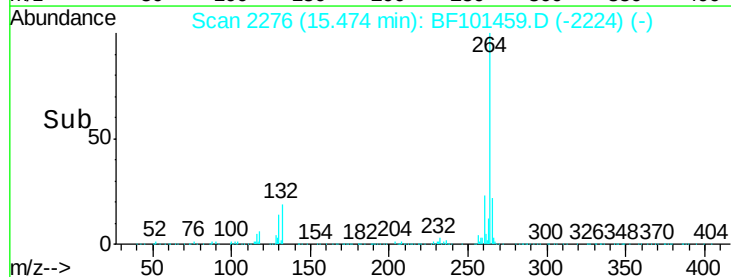
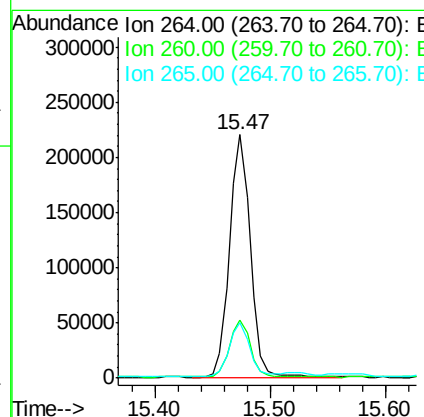
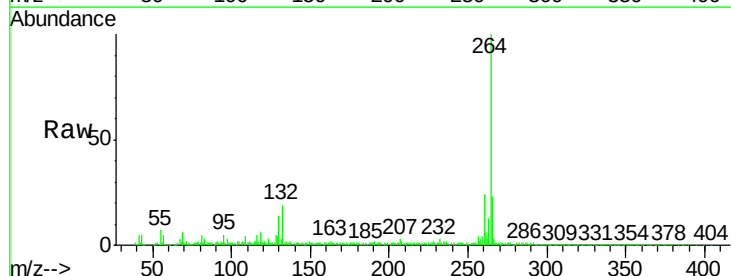
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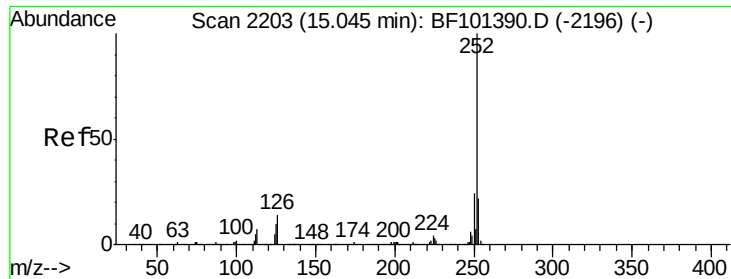
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.01 min
 Lab File: BF101459.D
 Acq: 15 Dec 2017 22:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 15.106 ng m

RT: 15.04 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BF101459.D

Acq: 15 Dec 2017 22:35

Instrument :

BNA_F

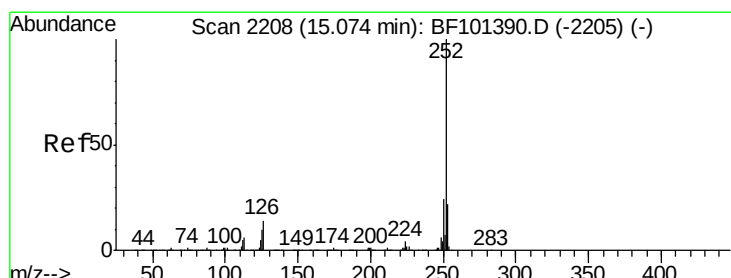
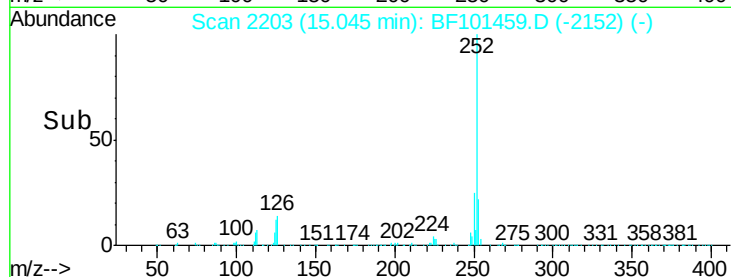
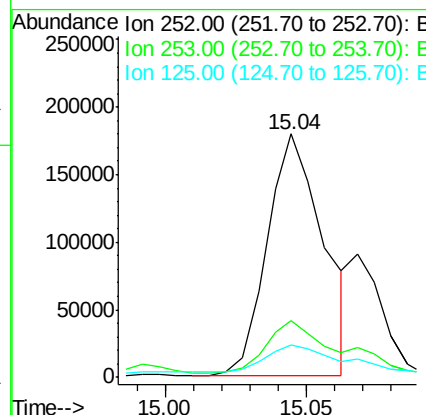
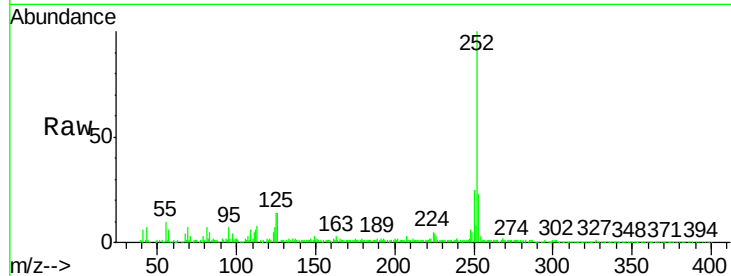
ClientSampleId :

TP-04A0-2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	252533		
253	23.3	17.0	25.6	
125	13.5	9.0	13.6	

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 4.526 ng m

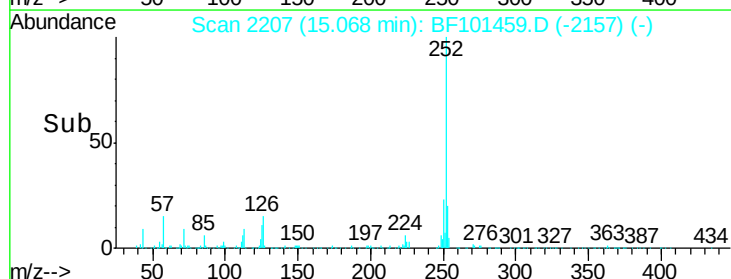
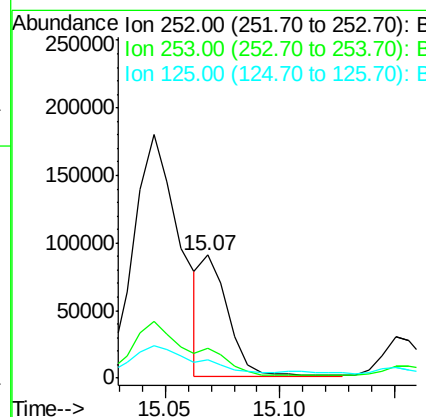
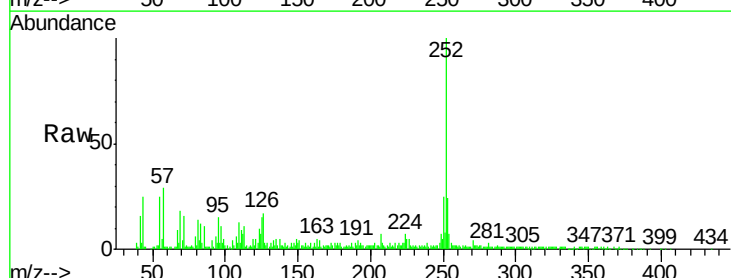
RT: 15.07 min Scan# 2207

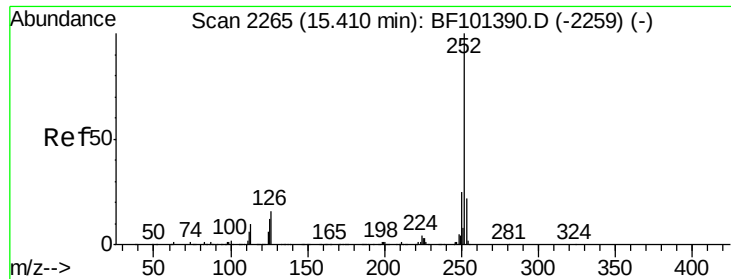
Delta R.T. -0.01 min

Lab File: BF101459.D

Acq: 15 Dec 2017 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	73571		
253	24.4	17.9	26.9	
125	14.7	10.2	15.2	





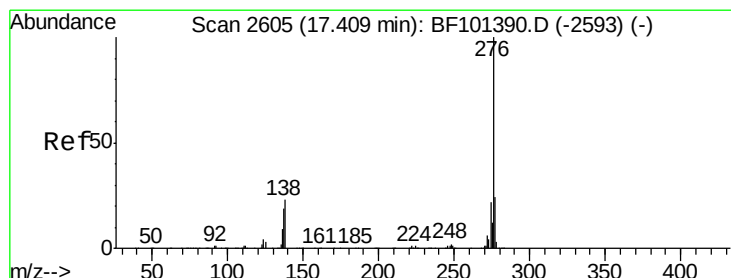
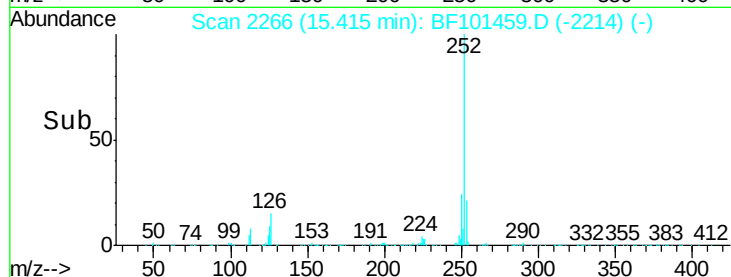
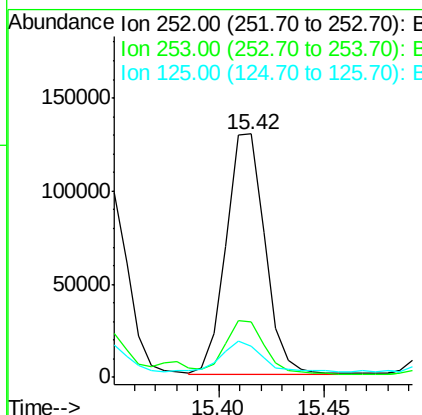
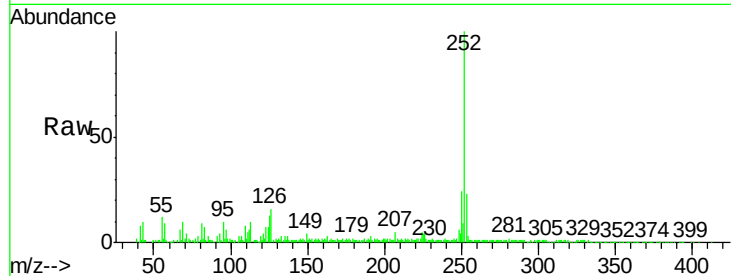
#89
Benzo(a)pyrene
Concen: 10.669 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Instrument :
BNA_F
ClientSampled :
TP-04A0-2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	164429		
253	22.7		17.1	25.7
125	12.7		9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.269 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.01 min
Lab File: BF101459.D
Acq: 15 Dec 2017 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	95245		
277	25.8		17.9	26.9
138	25.7		21.8	32.8

