

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101493.D
 Acq On : 18 Dec 2017 20:57
 Operator : SJ/JU
 Sample : I6680-19 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PATERSON-02-121517

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Quant Time: Dec 19 06:38:00 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	144982	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	537950	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	201761	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	312890	20.00	ng	0.00
75) Chrysene-d12	13.99	240	275989	20.00	ng	0.00
86) Perylene-d12	15.46	264	230188	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	430531	44.23	ng	0.00
7) Phenol-d6	6.45	99	520085	42.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	286752	29.67	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	78095	40.17	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	519189	39.92	ng	0.00
78) Terphenyl-d14	12.92	244	356278	31.12	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	64826	3.994	ng	99
70) Phenanthrene	11.36	178	93339	5.364	ng	99
74) Fluoranthene	12.56	202	126281	6.914	ng	96
77) Pyrene	12.79	202	120248	5.805	ng	98
80) Benzo(a)anthracene	13.98	228	59865	3.285	ng	96
82) Chrysene	14.02	228	57973	3.369	ng	95
87) Benzo(b)fluoranthene	15.03	252	64312m	4.584	ng	
89) Benzo(a)pyrene	15.40	252	46308	3.580	ng	# 91
91) Benzo(g,h,i)perylene	17.40	276	27016	2.457	ng	# 92

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

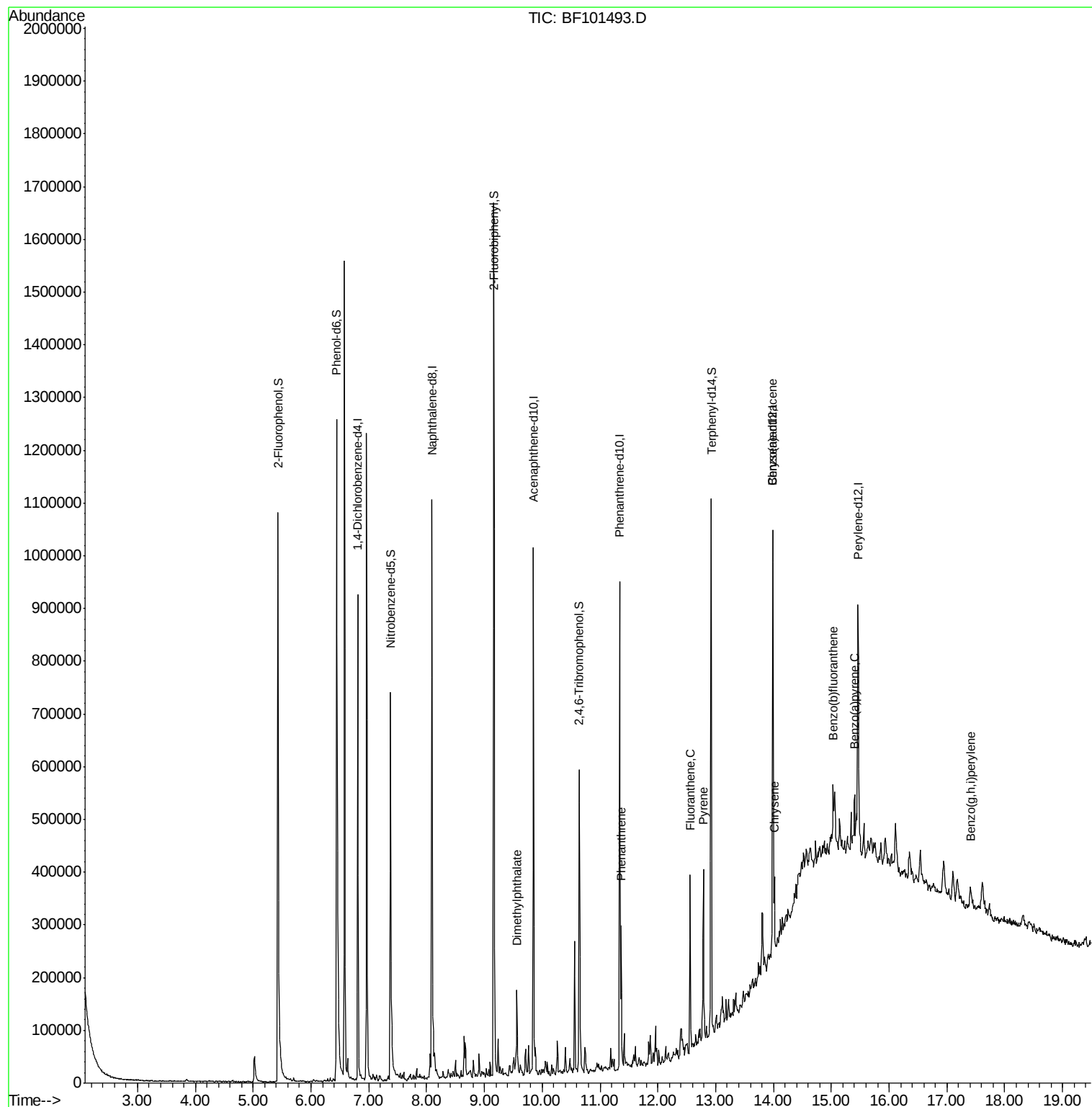
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
Data File : BF101493.D
Acq On : 18 Dec 2017 20:57
Operator : SJ/JU
Sample : I6680-19 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

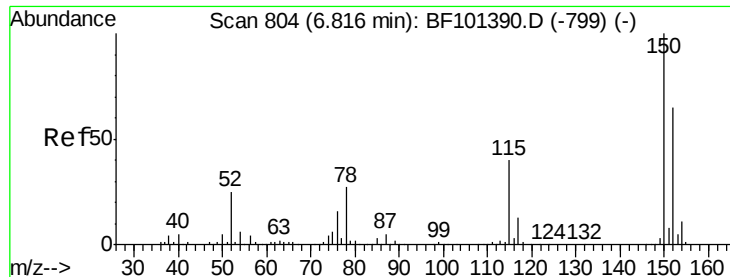
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Dec 19 06:38:00 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration





#1

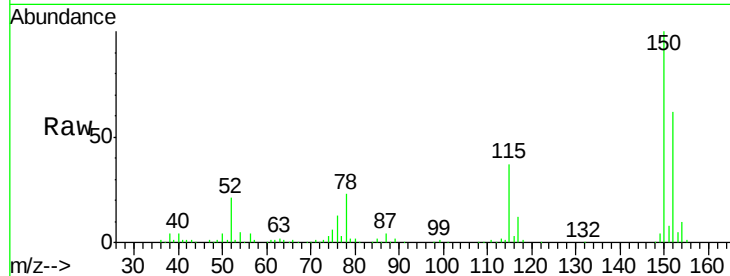
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101493.D
Acq: 18 Dec 2017 20:57

Instrument :
BNA_F
ClientSampleId :
PATERSON-02-121517

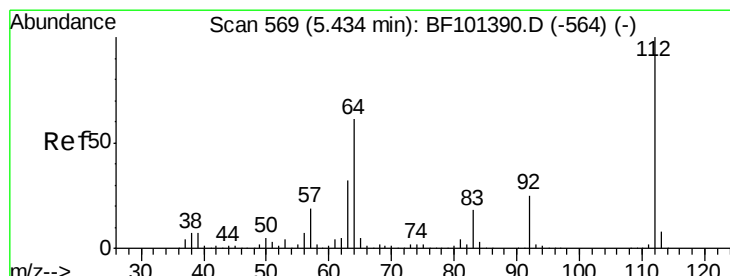
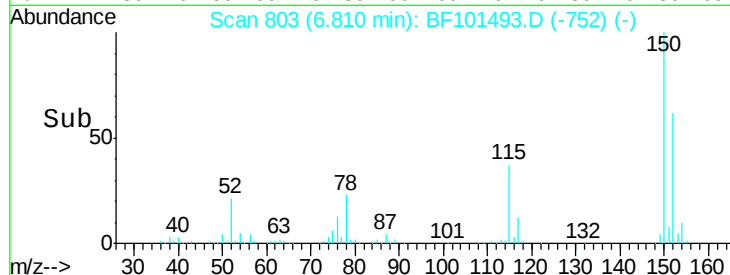
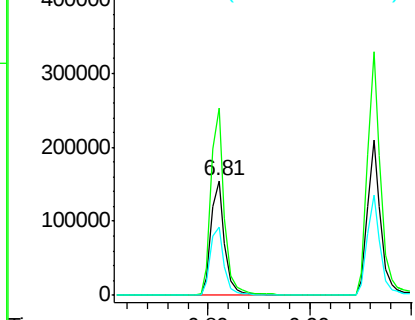
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.6	186.8
115	59.5	50.1	75.1

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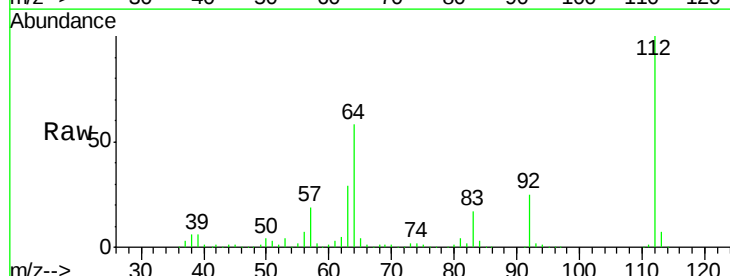
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



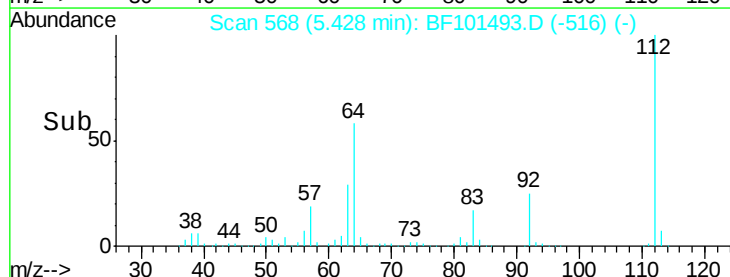
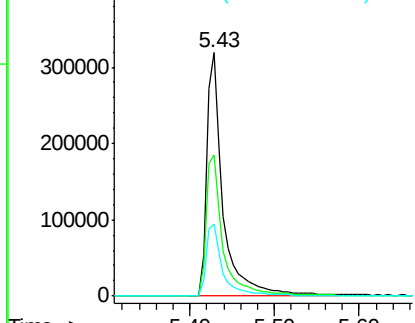
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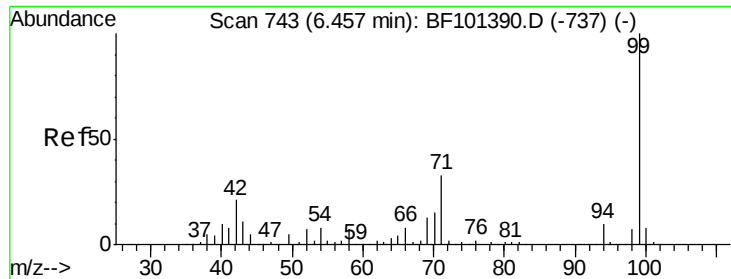
2-Fluorophenol
Concen: 44.234 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101493.D
Acq: 18 Dec 2017 20:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	29.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 42.935 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101493.D

Acq: 18 Dec 2017 20:57

Instrument :

BNA_F

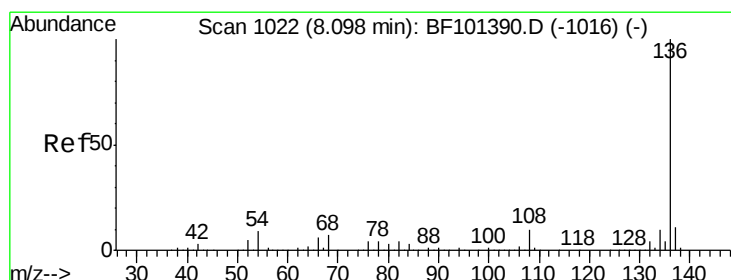
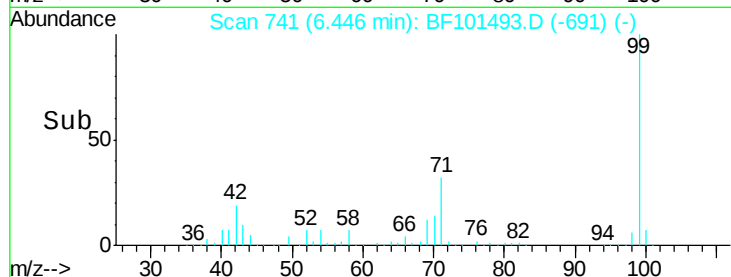
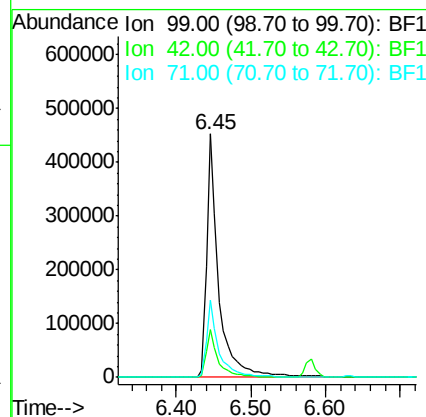
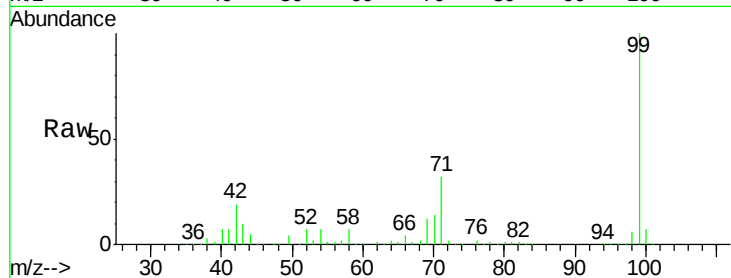
ClientSampleId :

PATERSON-02-121517

Tgt Ion:	99	Resp:	520085
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	31.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

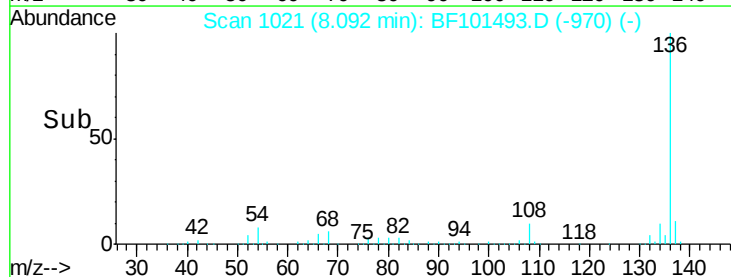
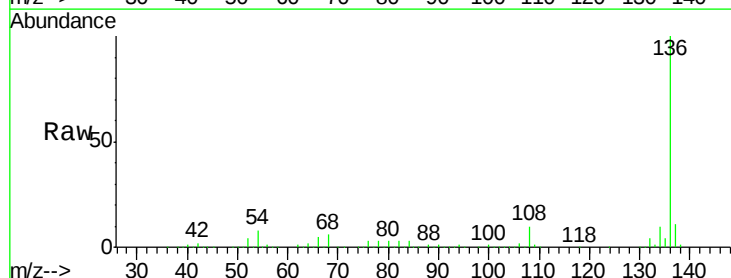
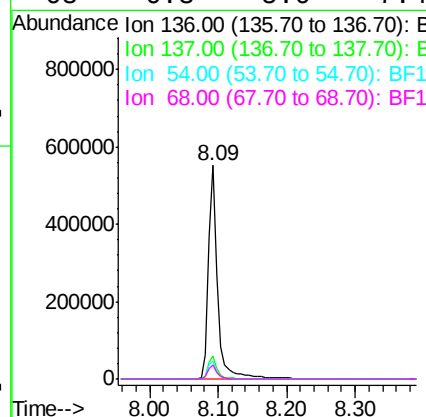
RT: 8.09 min Scan# 1021

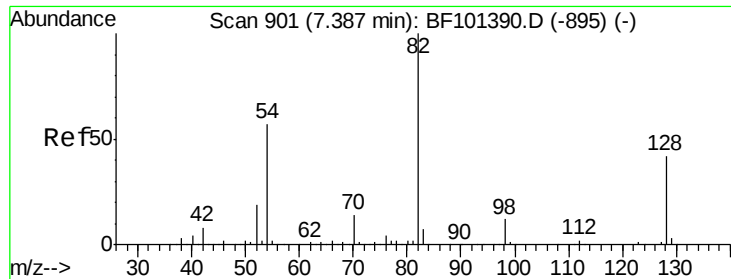
Delta R.T. 0.00 min

Lab File: BF101493.D

Acq: 18 Dec 2017 20:57

Tgt Ion:	136	Resp:	537950
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4





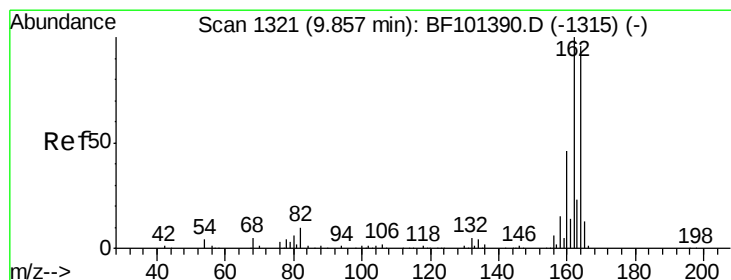
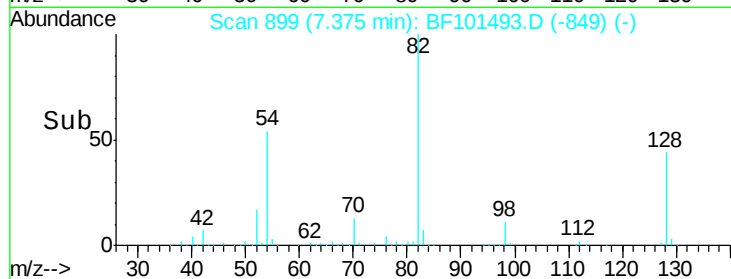
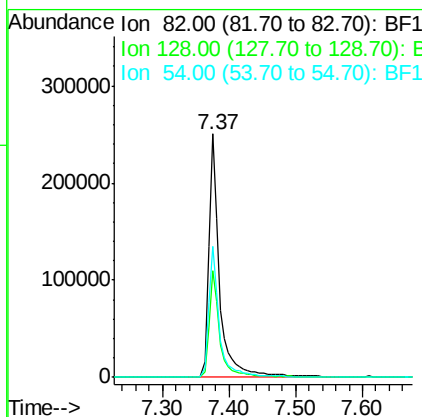
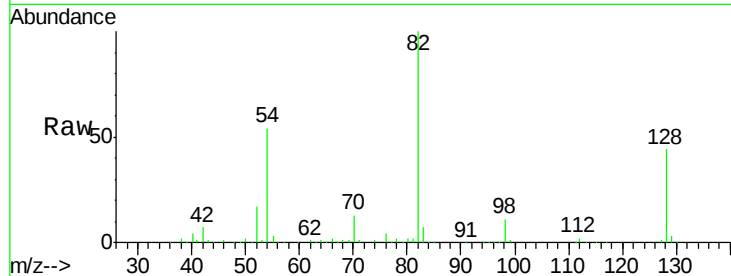
#23
 Nitrobenzene-d5
 Concen: 29.672 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101493.D
 Acq: 18 Dec 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PATERSON-02-121517

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	286752		
128	44.0	36.1	54.1	
54	53.6	41.4	62.2	

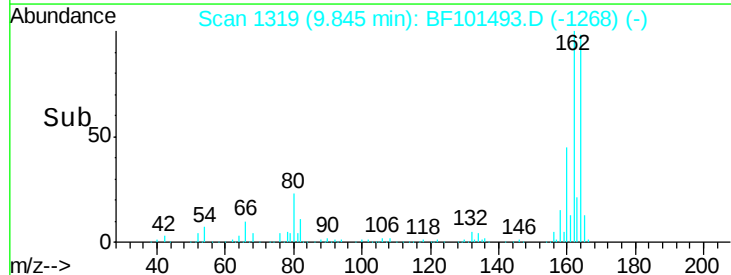
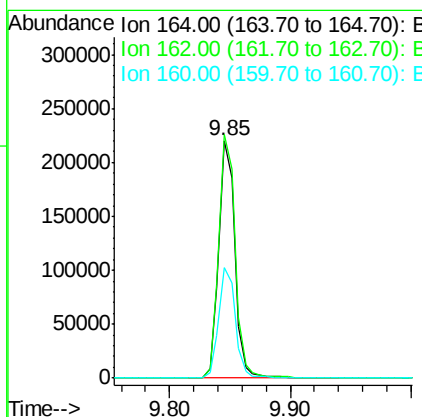
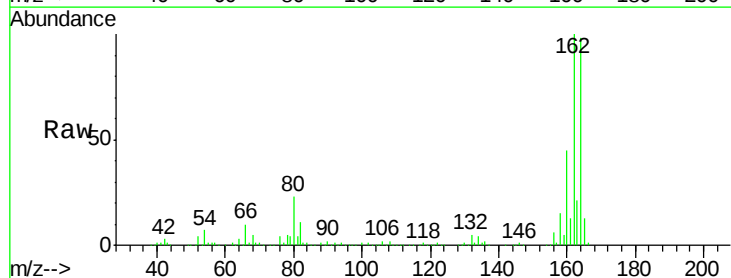
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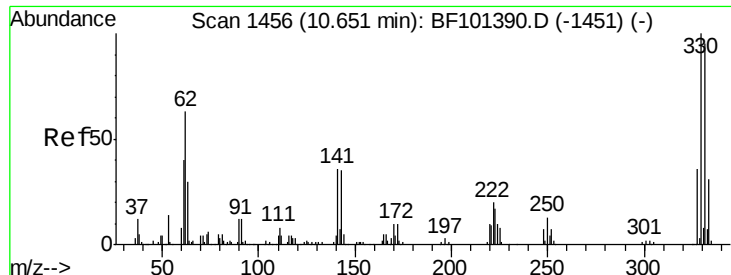
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101493.D
 Acq: 18 Dec 2017 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	201761		
162	102.5	86.1	129.1	
160	46.4	38.3	57.5	





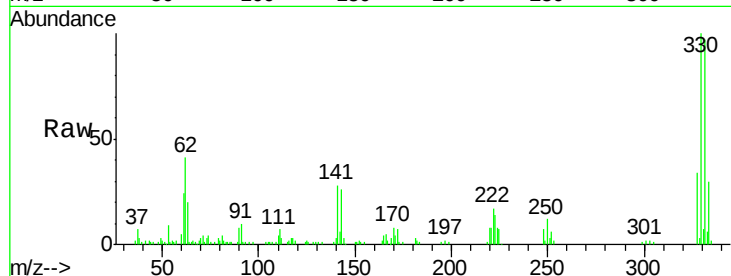
#41
 2,4,6-Tribromophenol
 Concen: 40.170 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF101493.D
 Acq: 18 Dec 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PATERSON-02-121517

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	78095		
332	96.7		77.0	115.6
141	33.8		29.9	44.9

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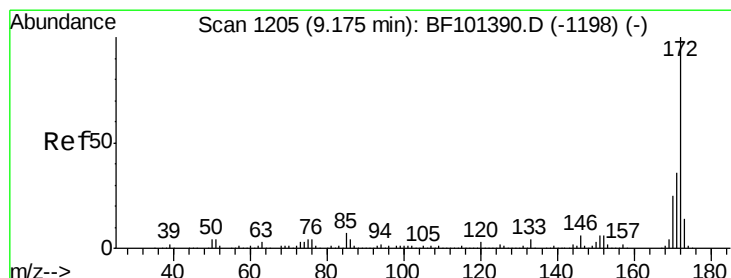
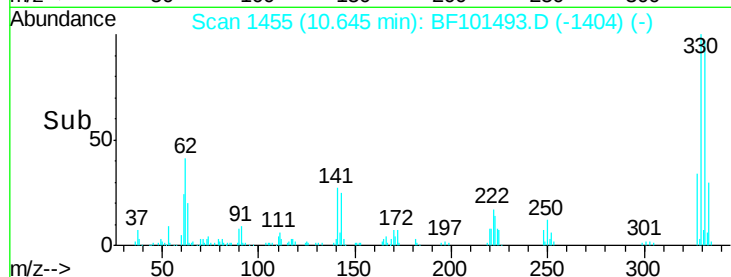
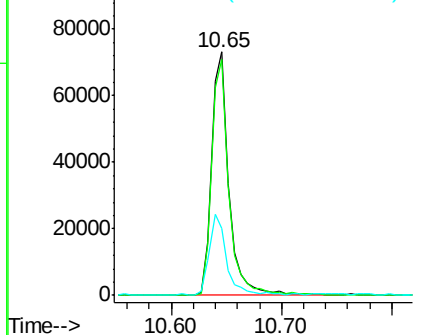


Abundance

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: 39.918 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101493.D
 Acq: 18 Dec 2017 20:57

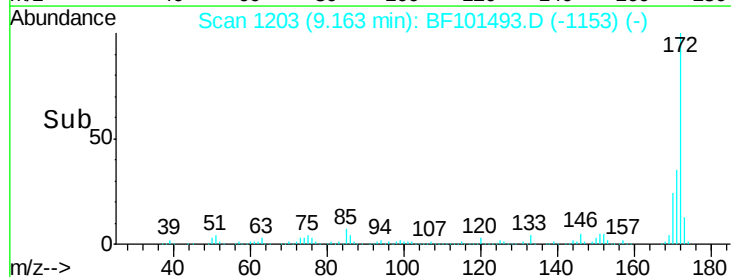
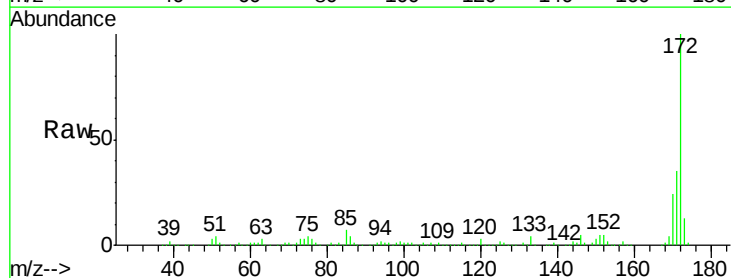
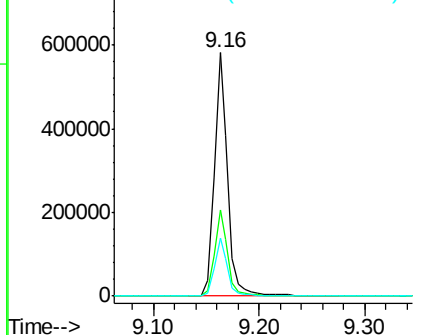
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	519189		
171	35.2		29.7	44.5
170	23.8		19.6	29.4

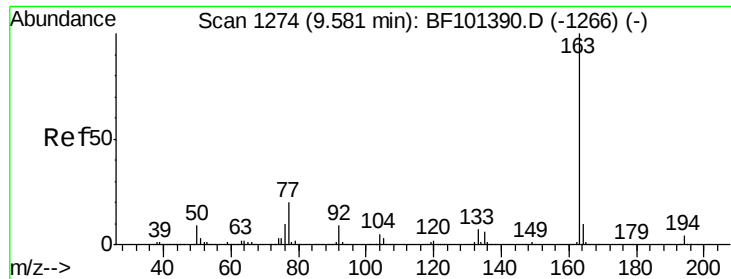
Abundance

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





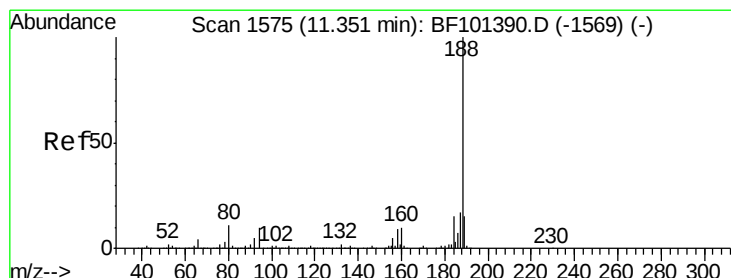
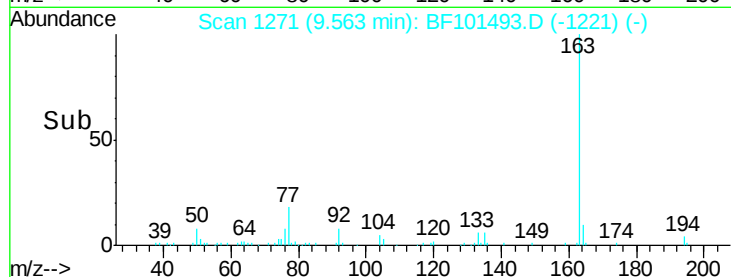
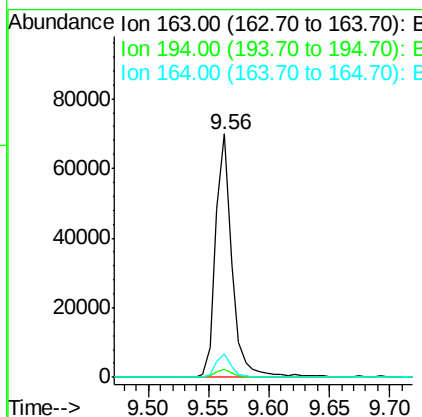
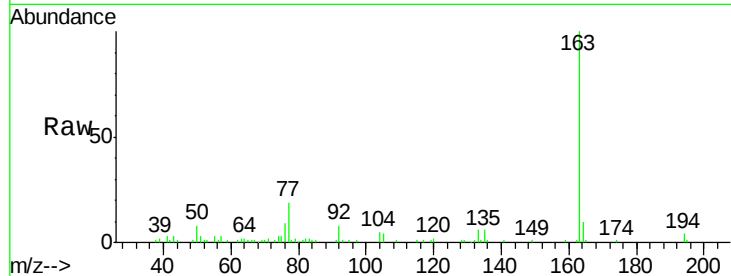
#49
Dimethylphthalate
Concen: 3.994 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101493.D
Acq: 18 Dec 2017 20:57

Instrument :
BNA_F
ClientSampleId :
PATERSON-02-121517

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	64826		
194	3.5	2.7	4.1	
164	9.7	8.2	12.2	

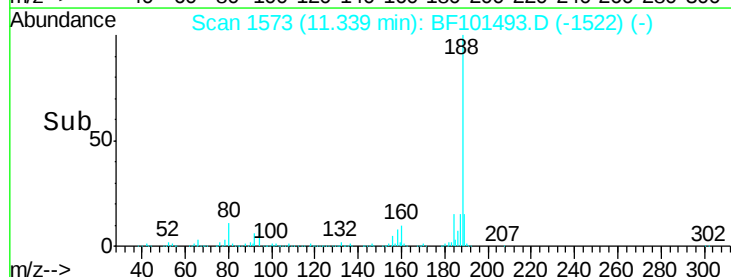
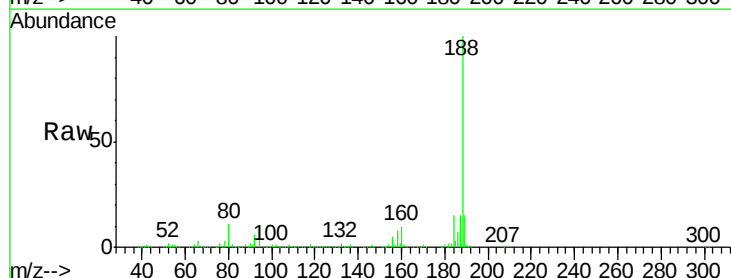
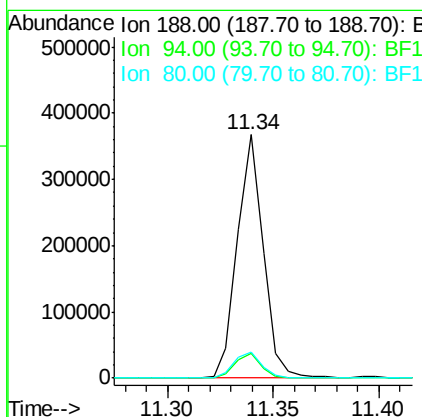
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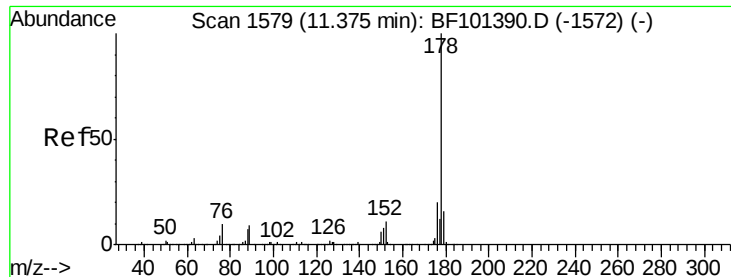
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101493.D
Acq: 18 Dec 2017 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	312890		
94	10.4	8.5	12.7	
80	10.7	9.2	13.8	





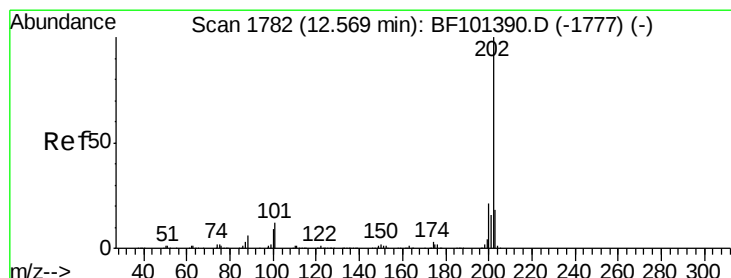
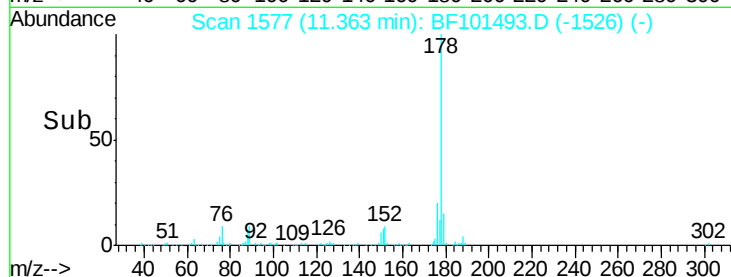
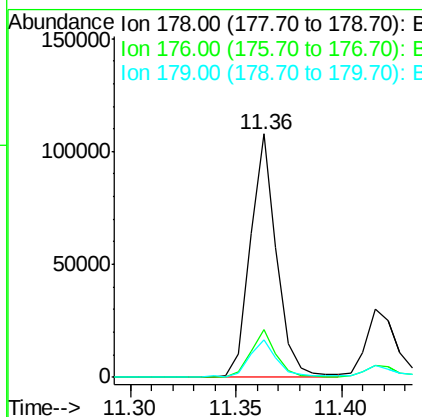
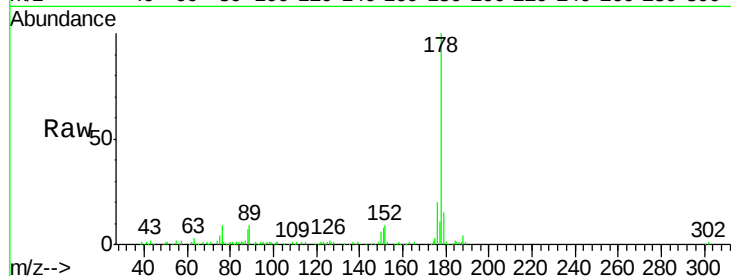
#70
Phenanthrene
Concen: 5.364 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF101493.D
Acq: 18 Dec 2017 20:57

Instrument :
BNA_F
ClientSampleId :
PATERSON-02-121517

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.3	13.0	19.6

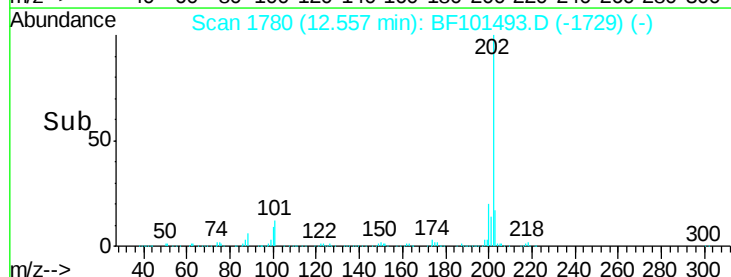
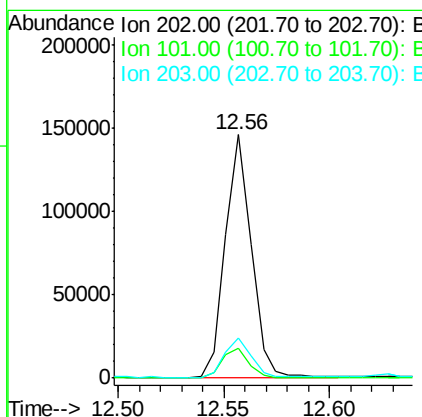
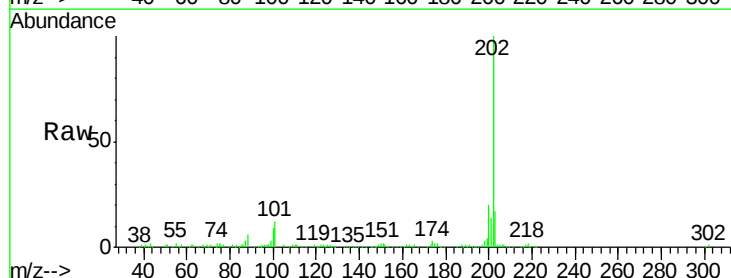
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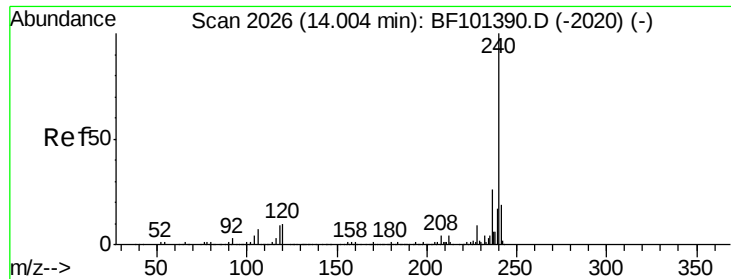
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#74
Fluoranthene
Concen: 6.914 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BF101493.D
Acq: 18 Dec 2017 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	16.6	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: BF101493.D

Acq: 18 Dec 2017 20:57

Instrument :

BNA_F

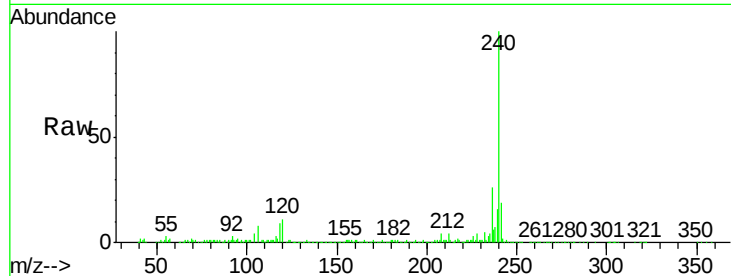
ClientSampleId :

PATERSON-02-121517

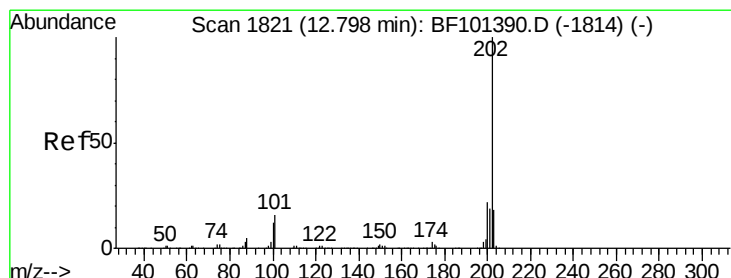
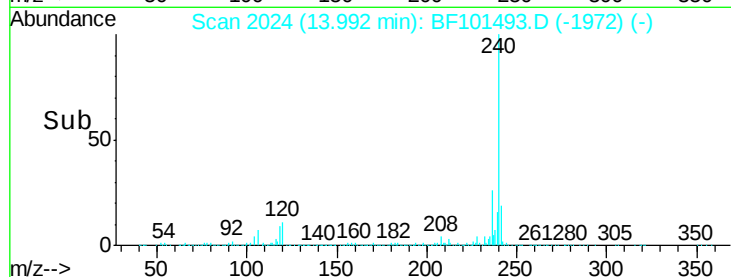
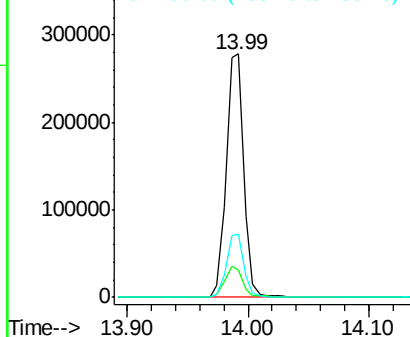
Tgt Ion:	240	Resp:	275989
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
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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: 5.805 ng

RT: 12.79 min Scan# 1819

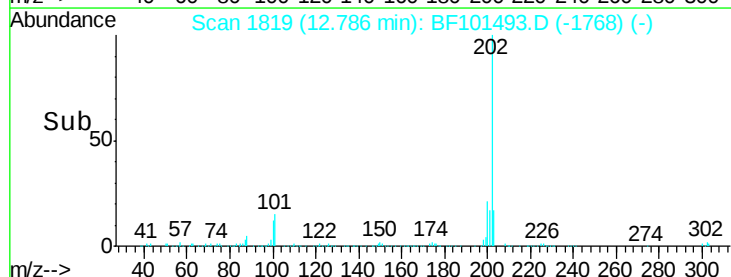
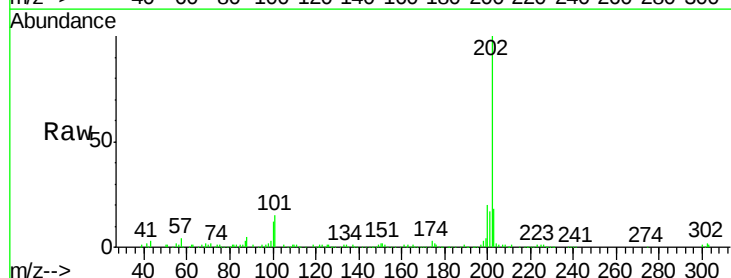
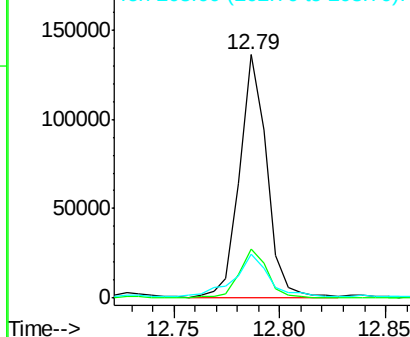
Delta R.T. 0.00 min

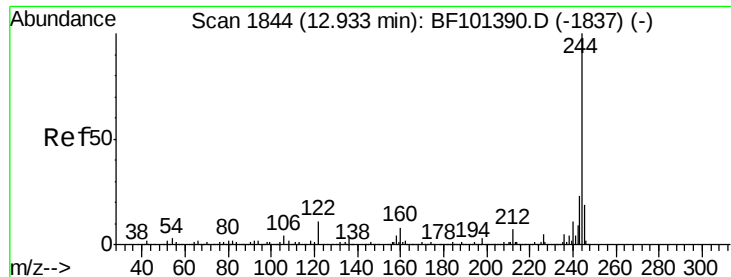
Lab File: BF101493.D

Acq: 18 Dec 2017 20:57

Tgt Ion:	202	Resp:	120248
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	18.1	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





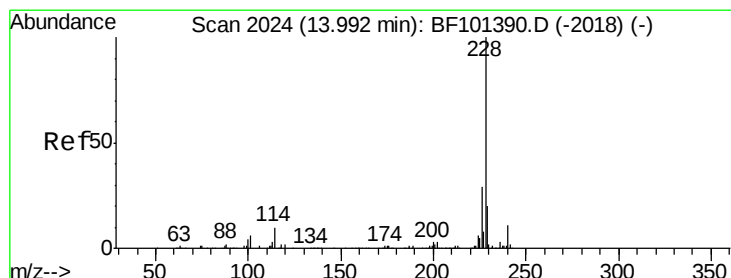
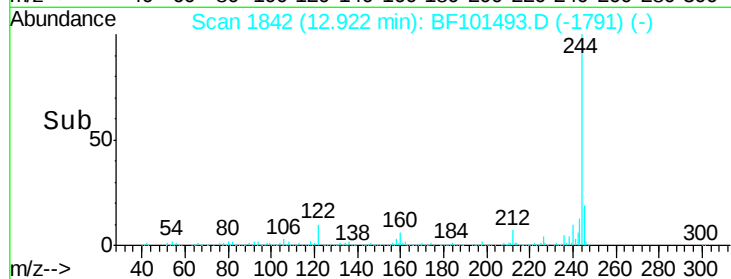
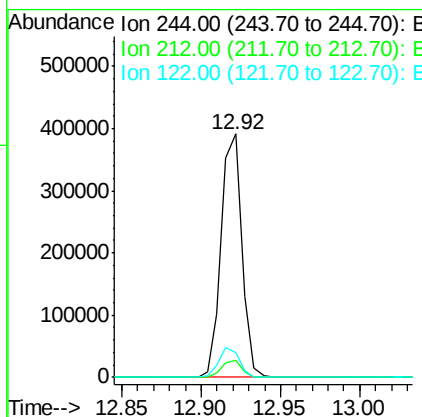
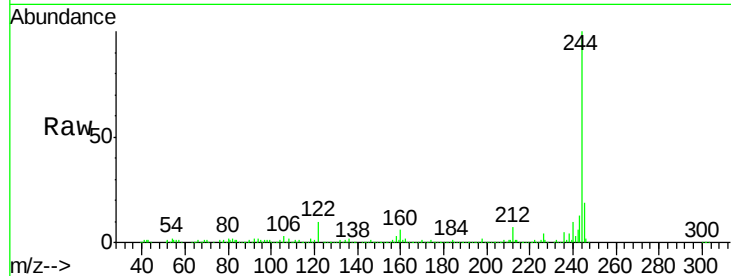
#78
 Terphenyl-d14
 Concen: 31.121 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF101493.D
 Acq: 18 Dec 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PATERSON-02-121517

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	11.0	16.4

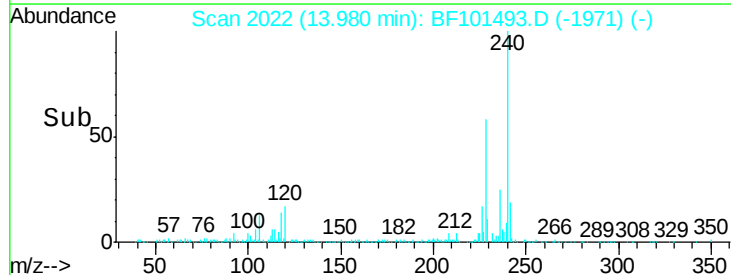
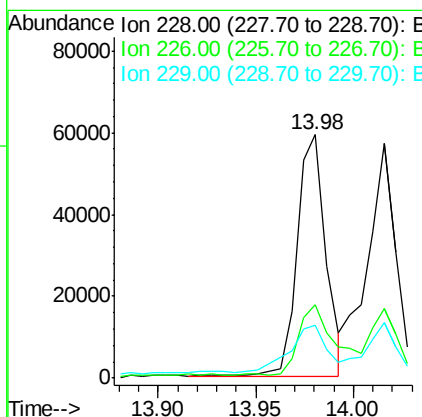
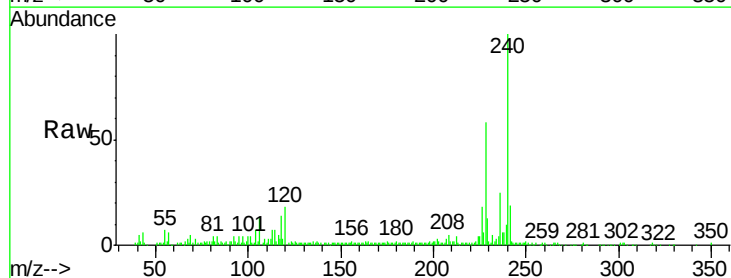
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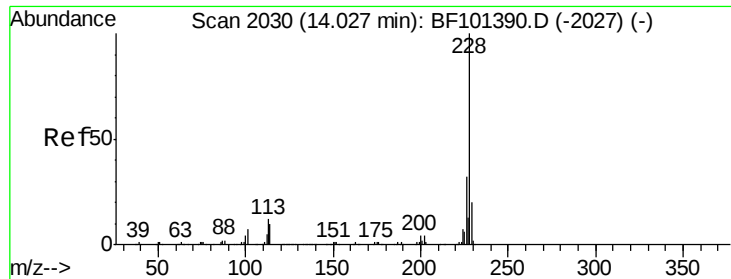
Sohil
 12/19/2017 4:50:09 PM



#80
 Benzo(a)anthracene
 Concen: 3.285 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF101493.D
 Acq: 18 Dec 2017 20:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	22.0	15.8	23.6





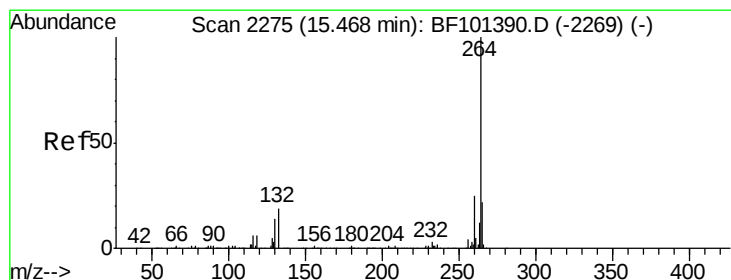
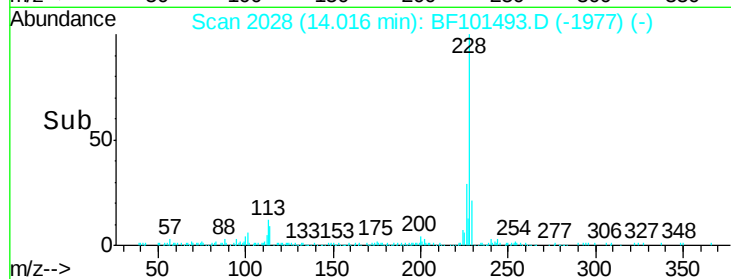
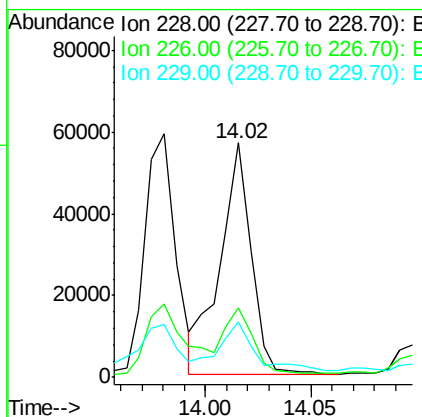
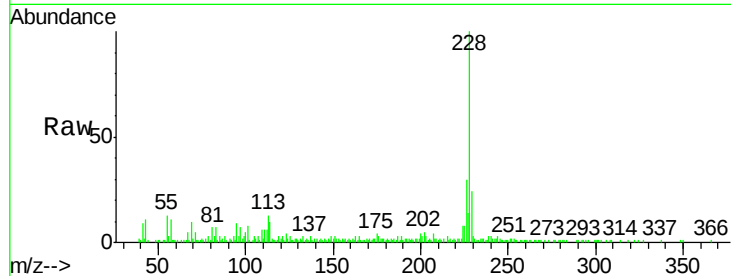
#82
Chrysene
Concen: 3.369 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF101493.D
Acq: 18 Dec 2017 20:57

Instrument :
BNA_F
ClientSampleId :
PATERSON-02-121517

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	23.8	16.2	24.4

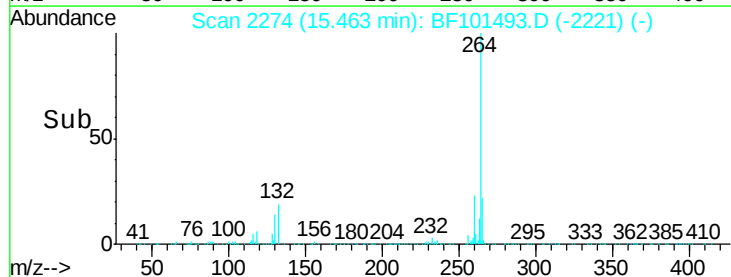
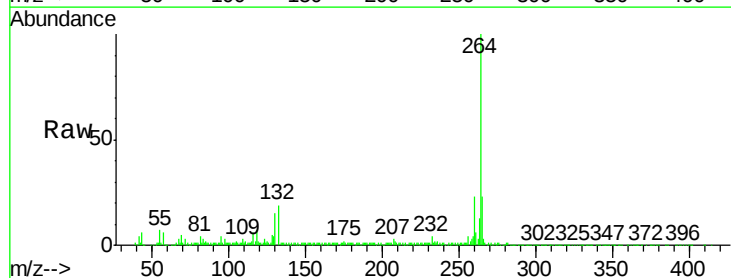
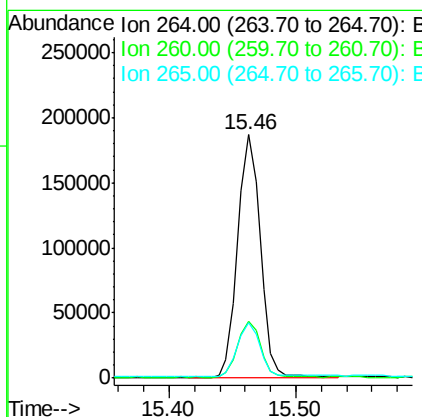
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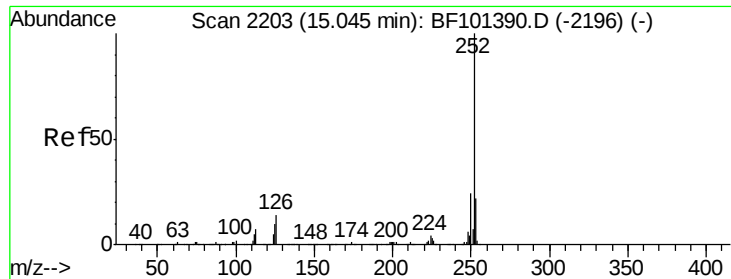
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101493.D
Acq: 18 Dec 2017 20:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.584 ng m

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF101493.D

Acq: 18 Dec 2017 20:57

Instrument :

BNA_F

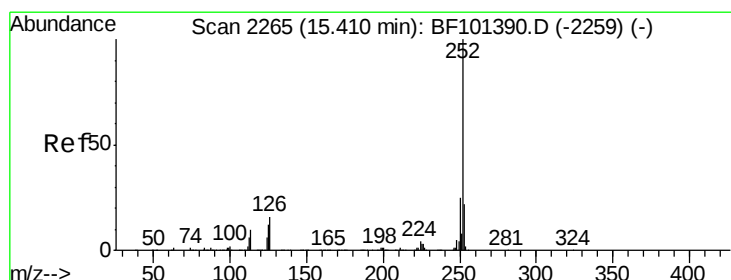
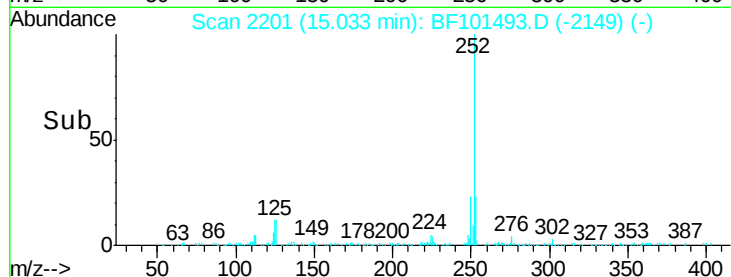
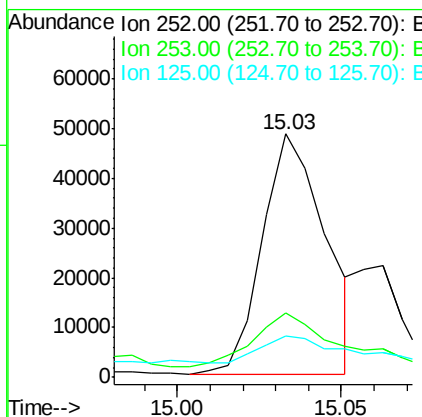
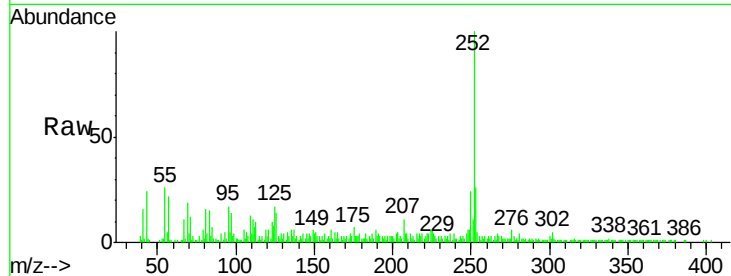
ClientSampleId :

PATERSON-02-121517

Tgt Ion:	252	Resp:	64312
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.0	25.6#
125	17.0	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 3.580 ng

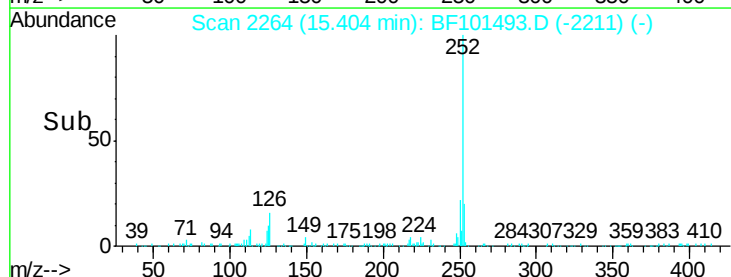
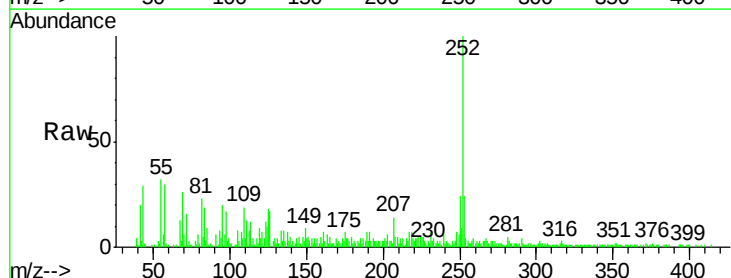
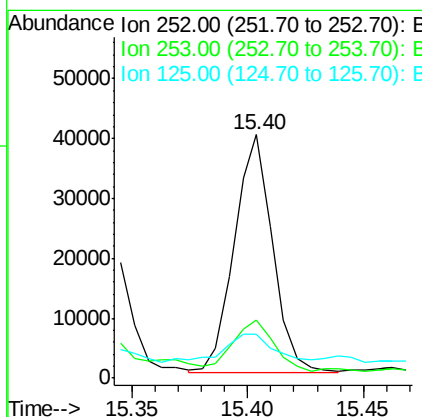
RT: 15.40 min Scan# 2264

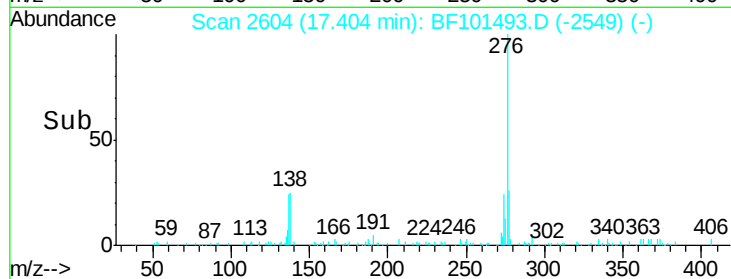
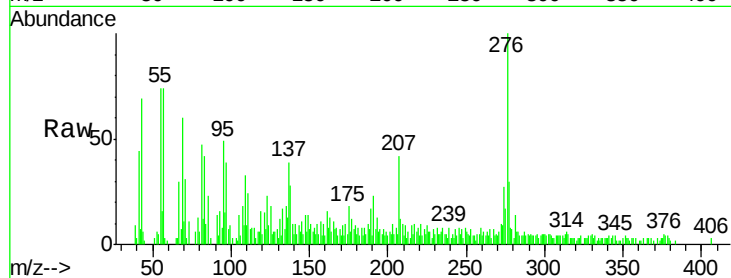
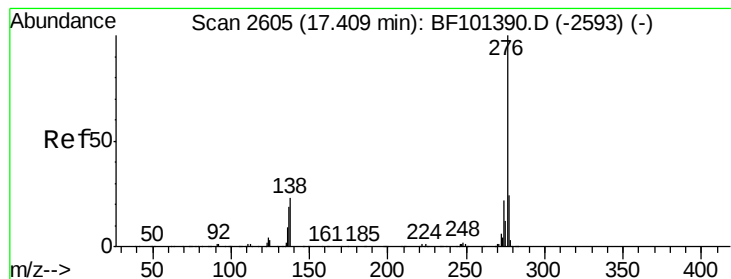
Delta R.T. 0.01 min

Lab File: BF101493.D

Acq: 18 Dec 2017 20:57

Tgt Ion:	252	Resp:	46308
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	18.0	9.8	14.6#





#91

Benzo(g,h,i)perylene

Concen: 2.457 ng

RT: 17.40 min Scan# 2604

Delta R.T. 0.02 min

Lab File: BF101493.D

Acq: 18 Dec 2017 20:57

Instrument :

BNA_F

ClientSampleId :

PATERSON-02-121517

Tgt Ion:	276	Resp:	27016
Ion Ratio	Lower	Upper	
276	100		
277	29.6	17.9	26.9#
138	28.4	21.8	32.8

Manual Integrations
APPROVED

Sohil
12/19/2017 4:50:09 PM

