

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104771.D
 Acq On : 24 Apr 2018 21:55
 Operator : JU/SJ
 Sample : J2508-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 TP-6

Manual Integrations
 APPROVED

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 4/25/2018 4:23:10 PM

Quant Time: Apr 24 23:33:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	101073	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	415606	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	175678	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	301912	20.00	ng	0.00
75) Chrysene-d12	13.99	240	216787	20.00	ng	0.00
86) Perylene-d12	15.47	264	154268	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	468734	70.91	ng	0.01
7) Phenol-d6	6.45	99	583555	71.85	ng	0.00
23) Nitrobenzene-d5	7.37	82	351659	55.25	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	128237	70.37	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	646643	58.15	ng	0.00
78) Terphenyl-d14	12.93	244	551031	57.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	54808	3.956	ng	98
70) Phenanthrene	11.36	178	132252	7.866	ng	99
74) Fluoranthene	12.56	202	220981	12.580	ng	97
77) Pyrene	12.79	202	208223	12.958	ng	99
80) Benzo(a)anthracene	13.98	228	100168	7.734	ng	96
82) Chrysene	14.02	228	105770m	7.951	ng	
85) Indeno(1,2,3-cd)pyrene	16.93	276	42340	3.747	ng	# 88
87) Benzo(b)fluoranthene	15.04	252	105415m	10.819	ng	
88) Benzo(k)fluoranthene	15.06	252	33774m	3.672	ng	
89) Benzo(a)pyrene	15.40	252	61537	7.059	ng	96
91) Benzo(g,h,i)perylene	17.38	276	41658	6.005	ng	94

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

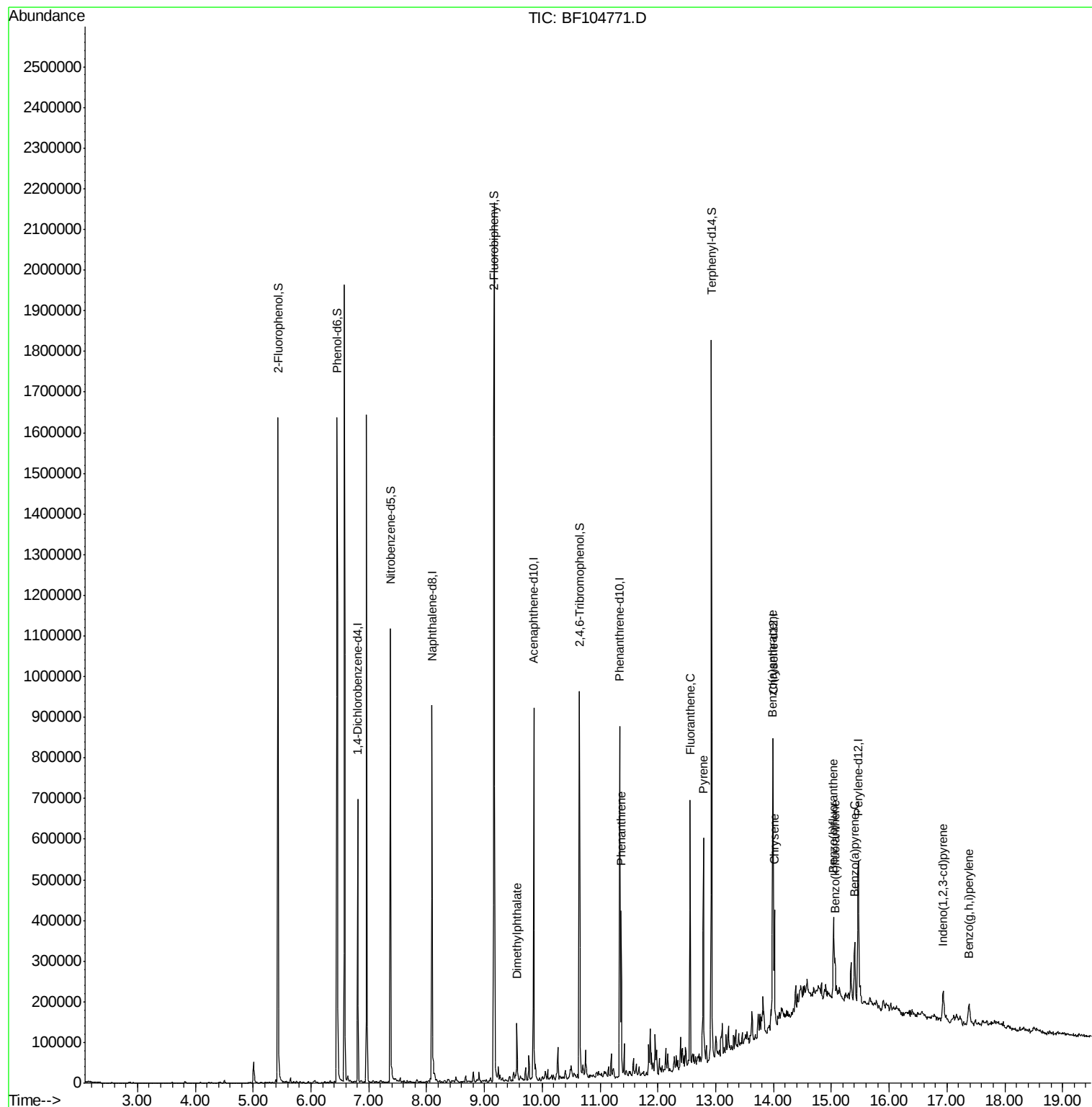
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104771.D
Acq On : 24 Apr 2018 21:55
Operator : JU/SJ
Sample : J2508-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

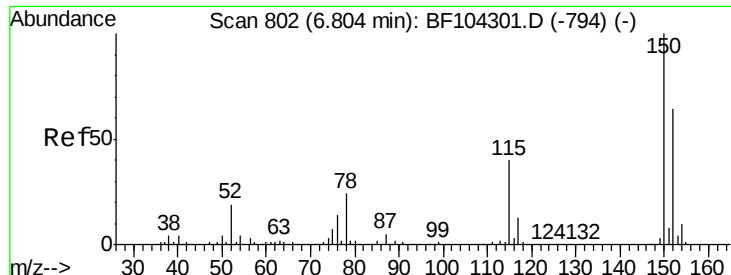
Instrument :
BNA_F
ClientSampleId :
TP-6

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Quant Time: Apr 24 23:33:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

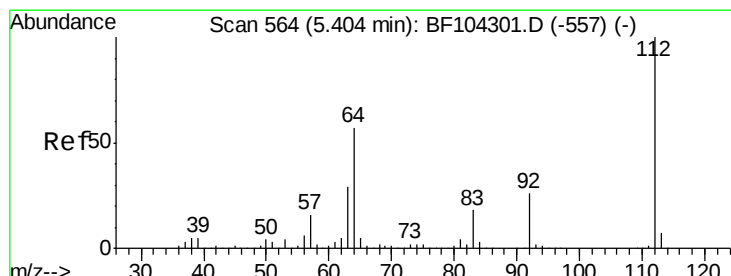
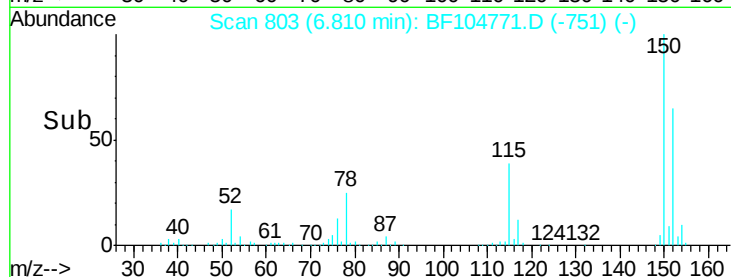
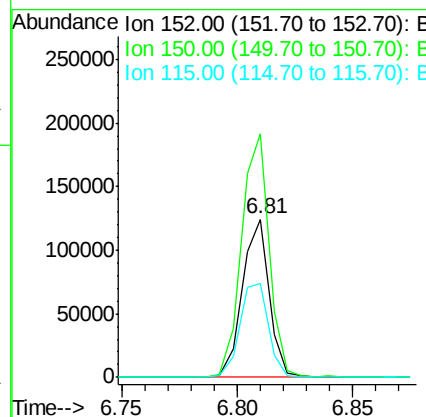
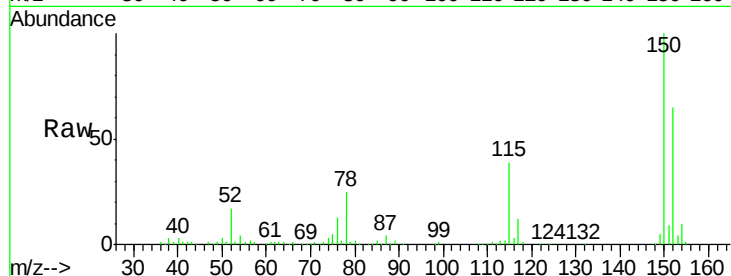
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104771.D
Acq: 24 Apr 2018 21:55

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.7	50.1	75.1

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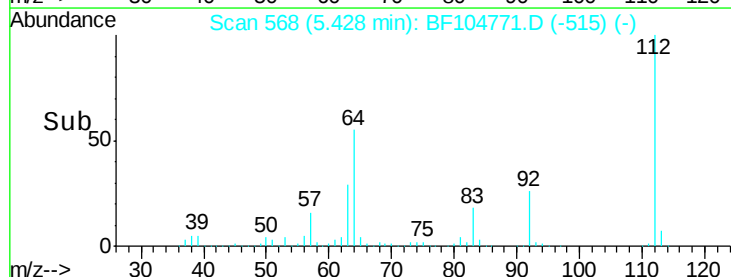
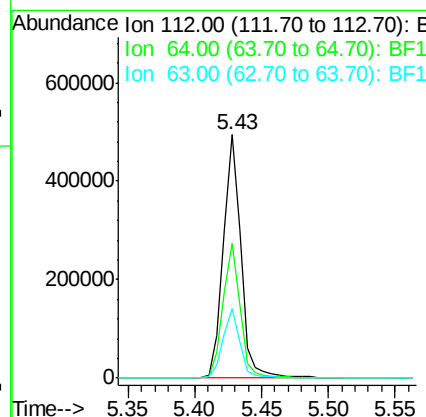
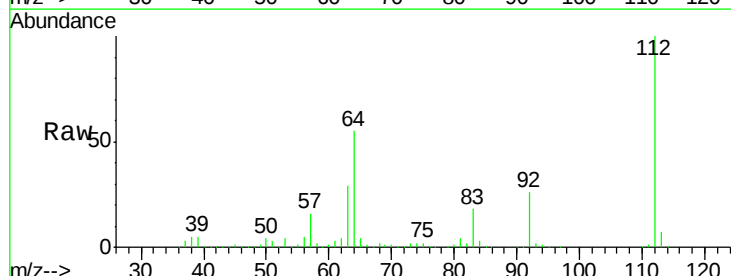
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#5

2-Fluorophenol
Concen: 70.911 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104771.D
Acq: 24 Apr 2018 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	28.7	23.7	35.5





#7

Phenol-d6

Concen: 71.851 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104771.D

Acq: 24 Apr 2018 21:55

Instrument :

BNA_F

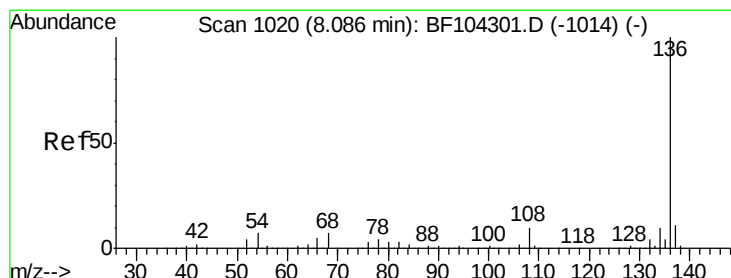
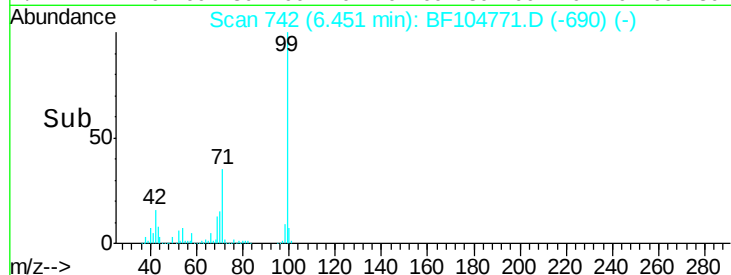
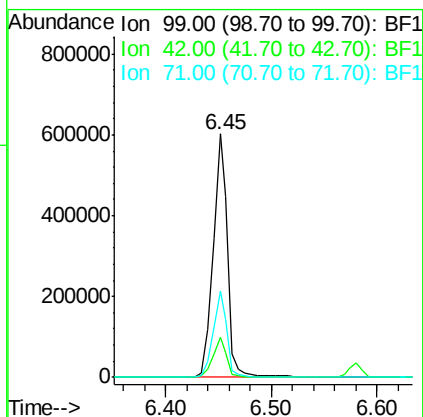
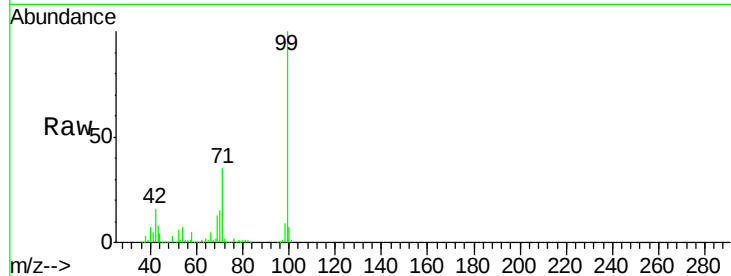
ClientSampleId :

TP-6

Tot Ion:	99	Resp:	583555
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	35.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

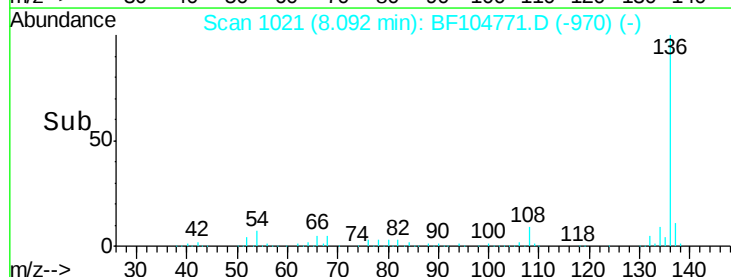
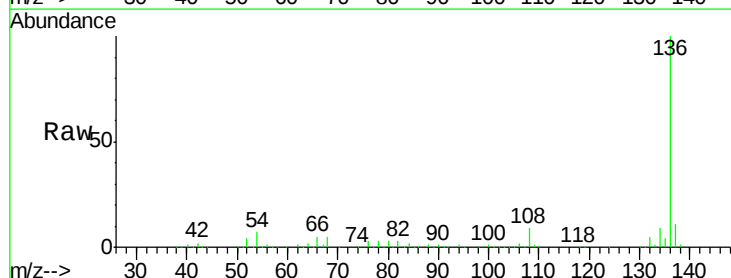
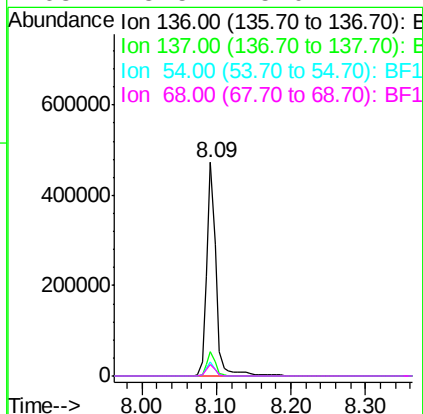
RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104771.D

Acq: 24 Apr 2018 21:55

Tgt Ion:	136	Resp:	415606
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.7	6.6	9.8
68	5.5	5.0	7.4





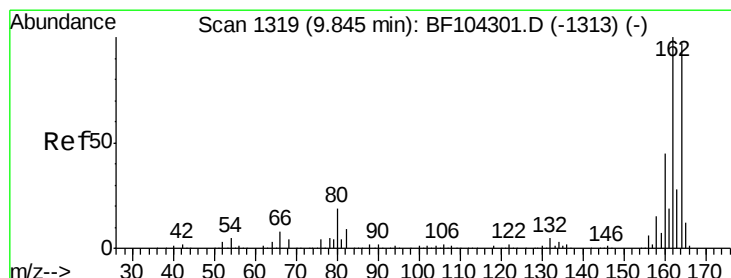
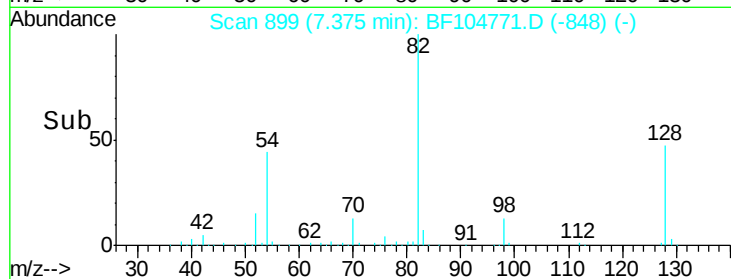
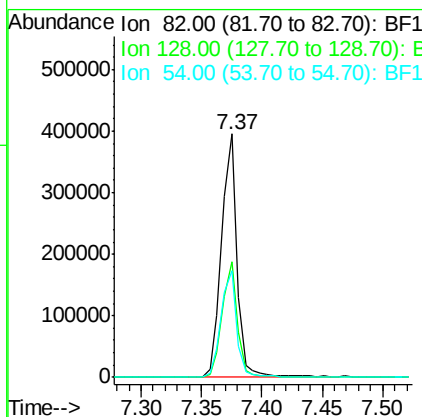
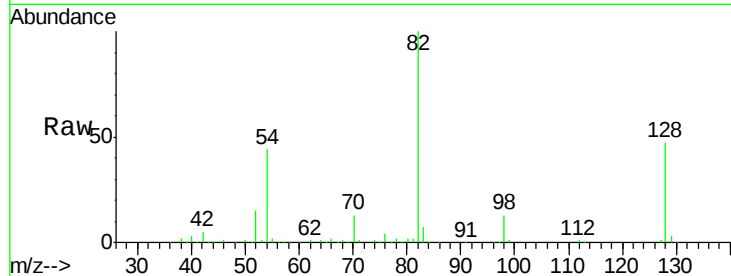
#23
Nitrobenzene-d5
Concen: 55.251 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104771.D
Acq: 24 Apr 2018 21:55

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	43.7	41.4	62.2

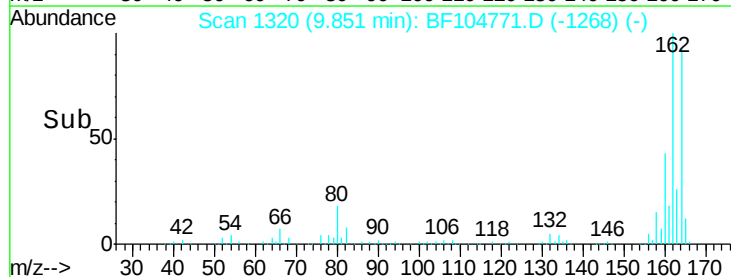
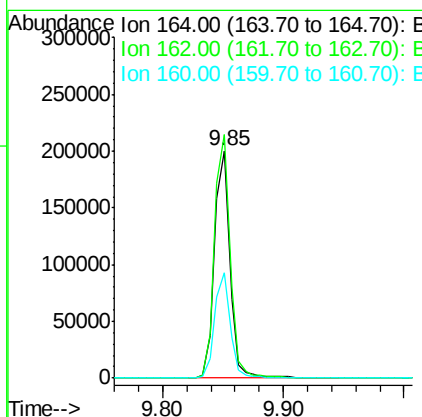
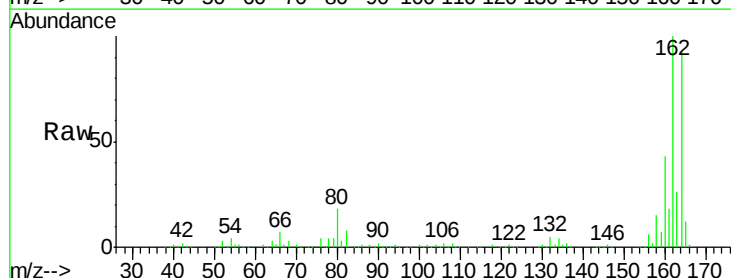
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104771.D
Acq: 24 Apr 2018 21:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	46.3	38.3	57.5





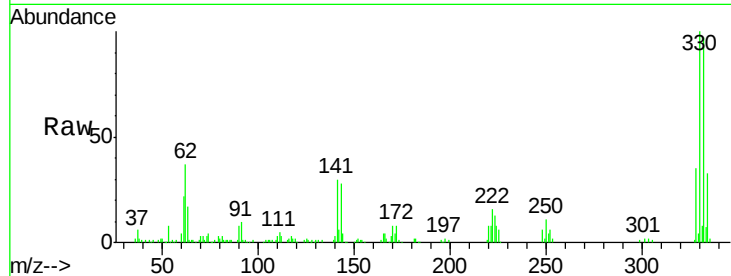
#41
 2,4,6-Tribromophenol
 Concen: 70.369 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104771.D
 Acq: 24 Apr 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

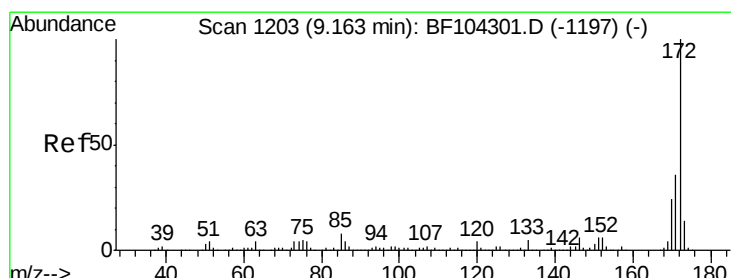
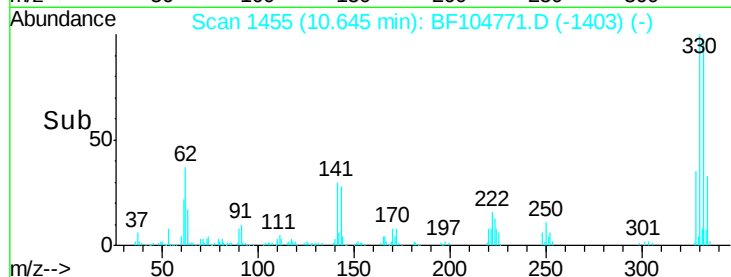
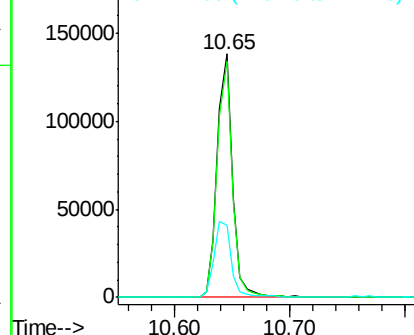
Tot Ion	Ratio	Resp	Lower	Upper
330	100	128237		
332	96.2	77.0	115.6	
141	35.9	29.9	44.9	

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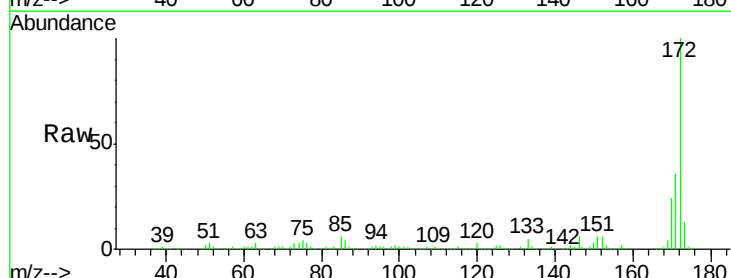


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

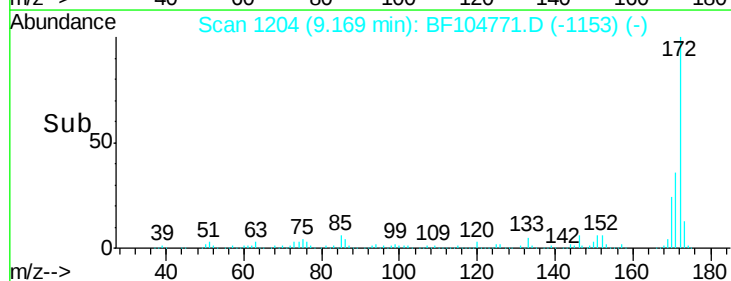
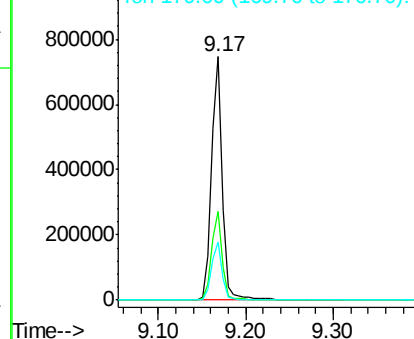


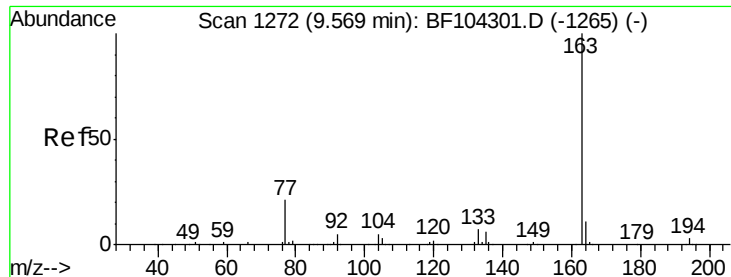
#44
 2-Fluorobiphenyl
 Concen: 58.148 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104771.D
 Acq: 24 Apr 2018 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	646643		
171	36.2	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: 3.956 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104771.D

Acq: 24 Apr 2018 21:55

Instrument :

BNA_F

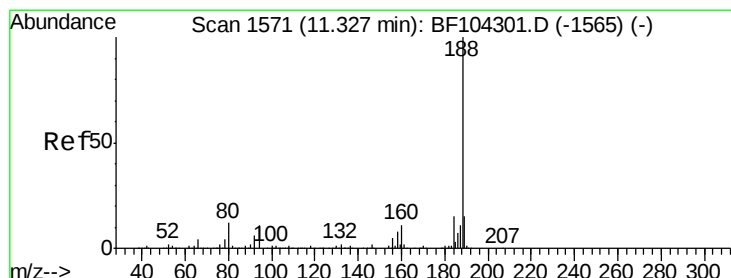
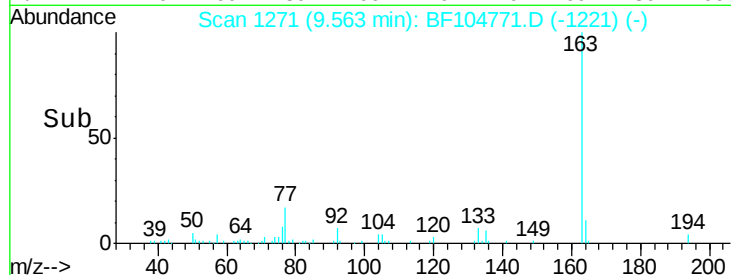
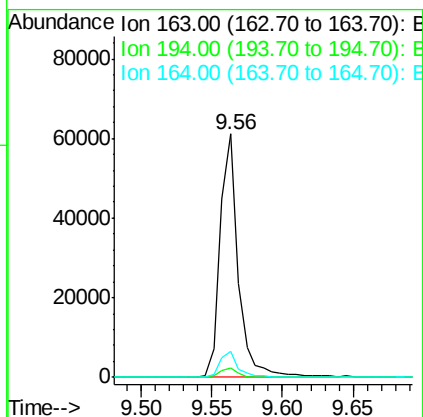
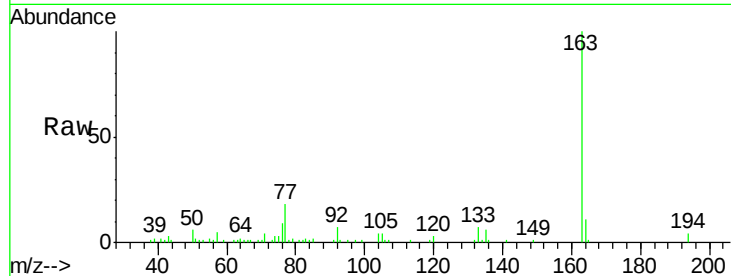
ClientSampleId :

TP-6

Tot Ion:	163	Resp:	54808
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.9	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

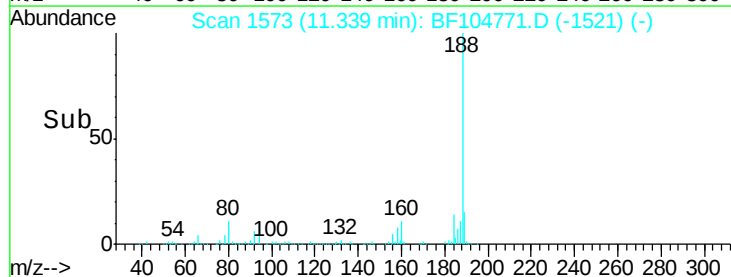
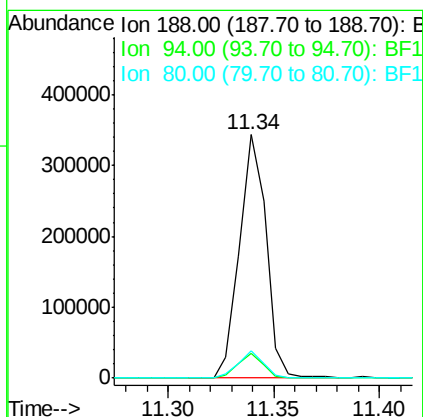
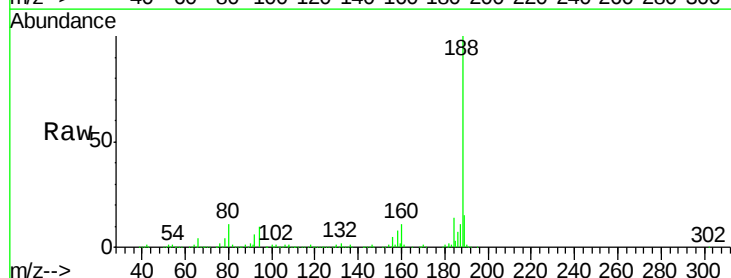
RT: 11.34 min Scan# 1573

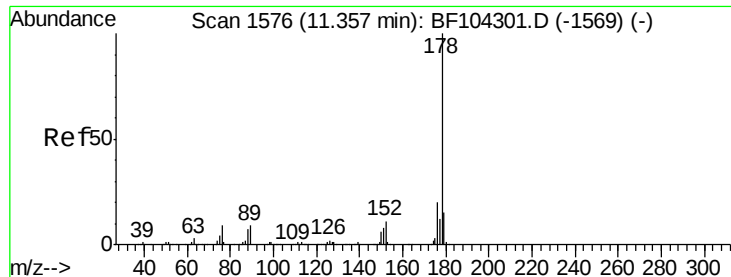
Delta R.T. 0.01 min

Lab File: BF104771.D

Acq: 24 Apr 2018 21:55

Tgt Ion:	188	Resp:	301912
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.5	12.7
80	11.0	9.2	13.8





#70

Phenanthrene

Concen: 7.866 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF104771.D

Acq: 24 Apr 2018 21:55

Instrument :

BNA_F

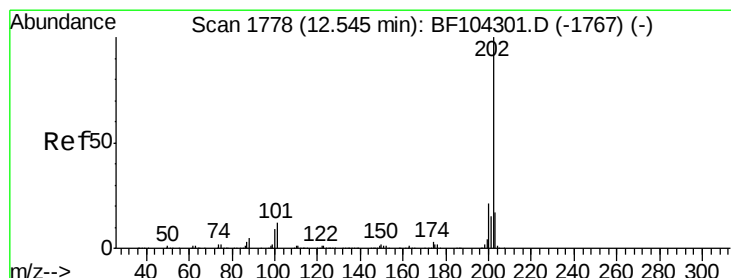
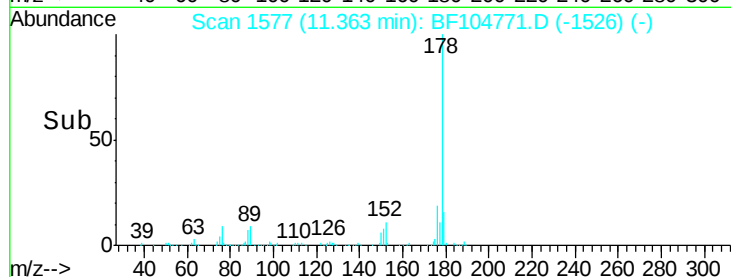
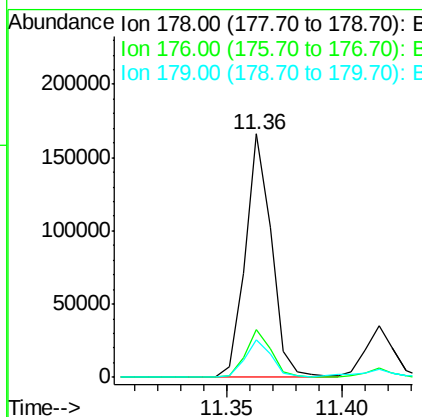
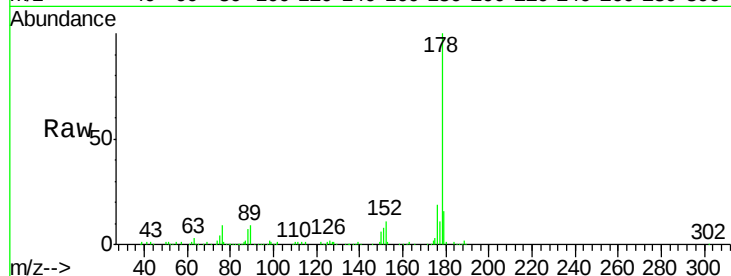
ClientSampled :

TP-6

Tot Ion:	178	Resp:	132252
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.8
179	15.6	13.0	19.6

Manual Integrations
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#74

Fluoranthene

Concen: 12.580 ng

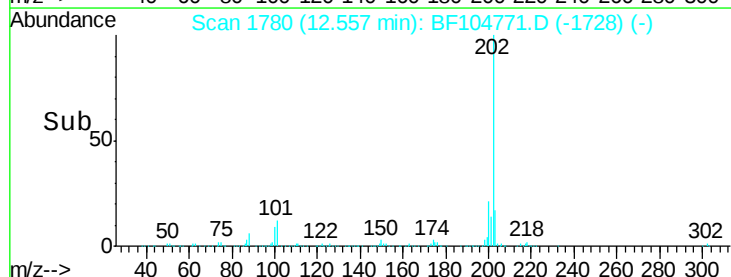
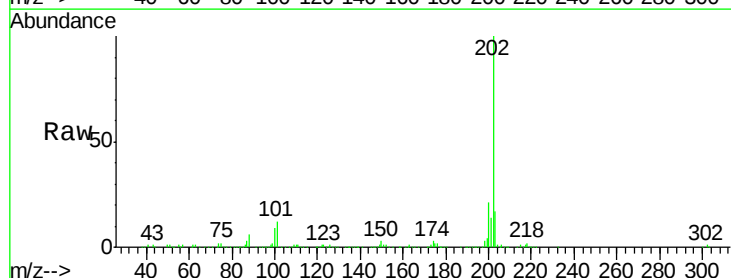
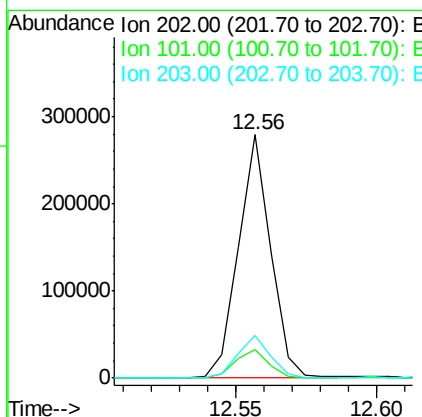
RT: 12.56 min Scan# 1780

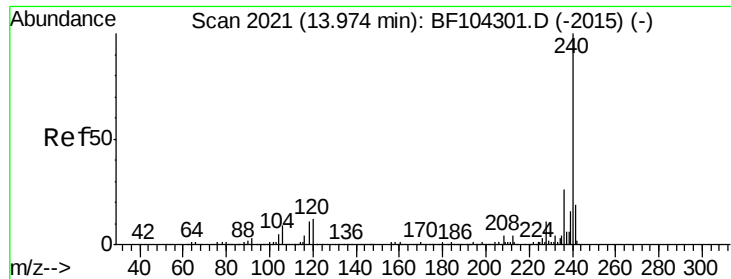
Delta R.T. 0.01 min

Lab File: BF104771.D

Acq: 24 Apr 2018 21:55

Tgt Ion:	202	Resp:	220981
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	34.1
203	17.4	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: BF104771.D

Acq: 24 Apr 2018 21:55

Instrument :

BNA_F

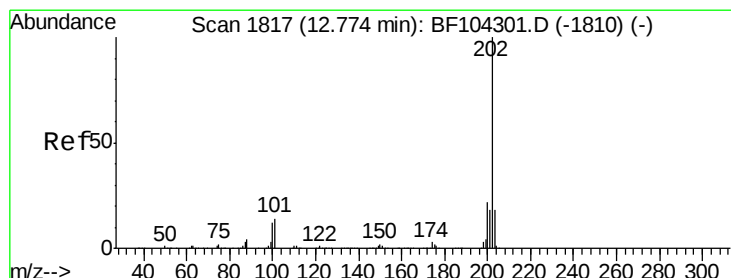
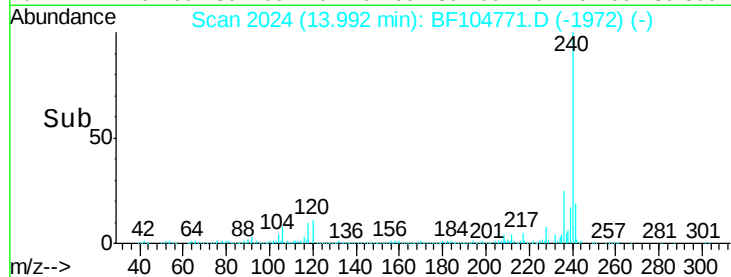
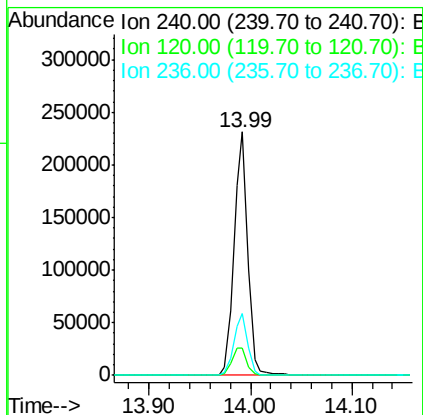
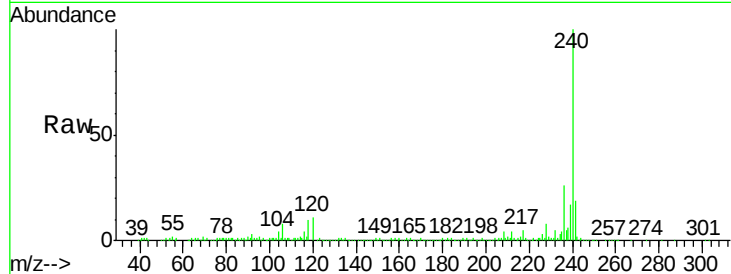
ClientSampled :

TP-6

Tot Ion:	240	Resp:	216787
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.6	20.7	31.1

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#77

Pyrene

Concen: 12.958 ng

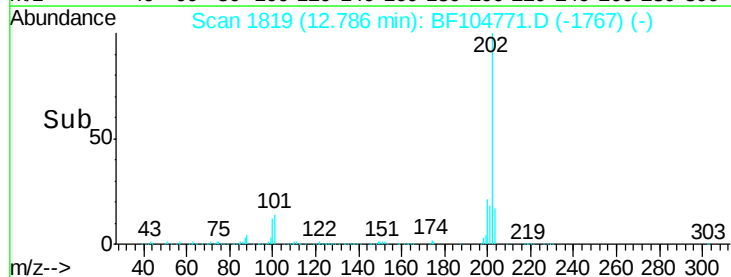
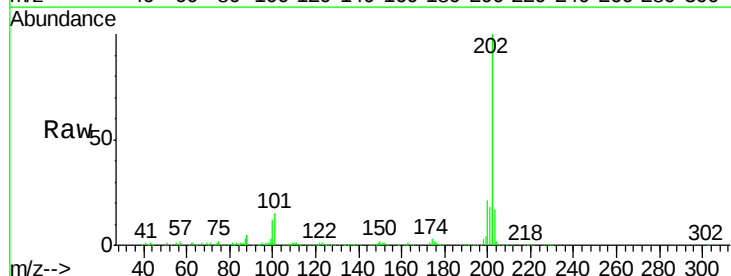
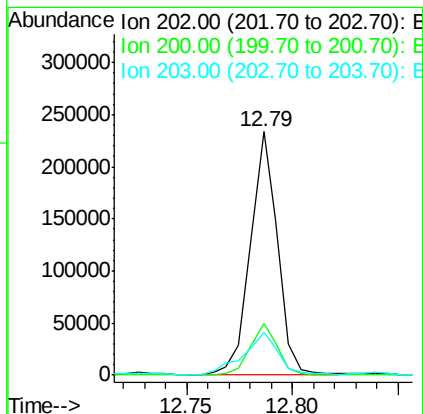
RT: 12.79 min Scan# 1819

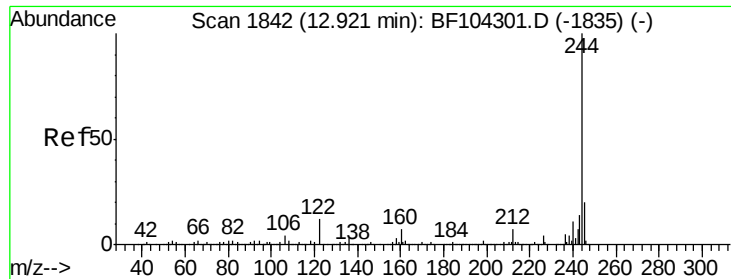
Delta R.T. 0.01 min

Lab File: BF104771.D

Acq: 24 Apr 2018 21:55

Tgt Ion:	202	Resp:	208223
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5





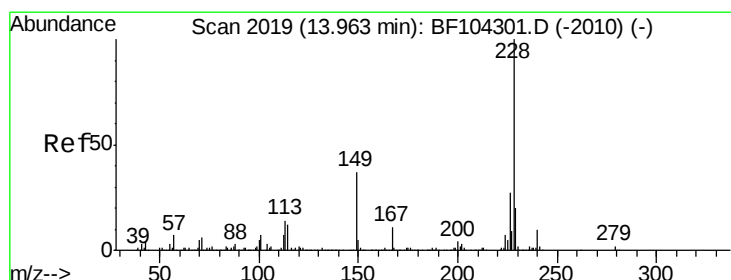
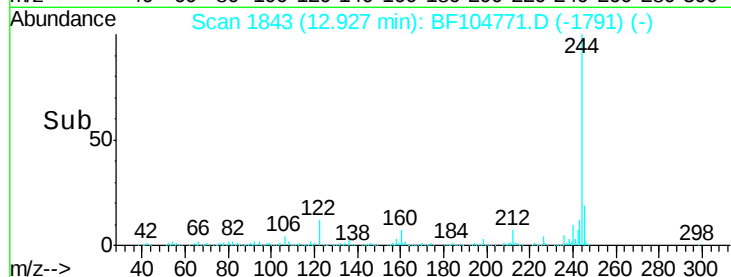
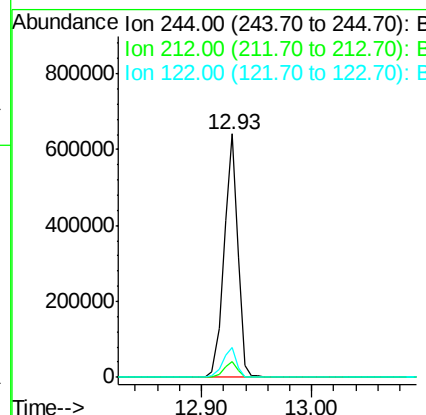
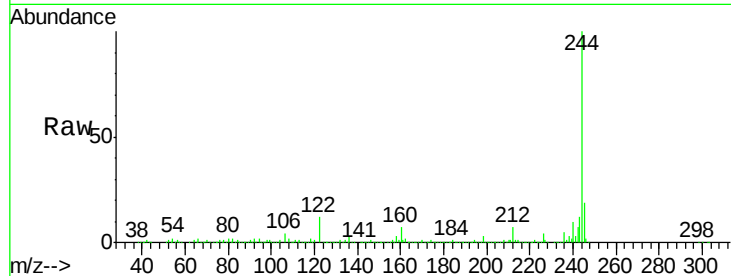
#78
 Terphenyl-d14
 Concen: 57.949 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104771.D
 Acq: 24 Apr 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.1	11.0	16.4

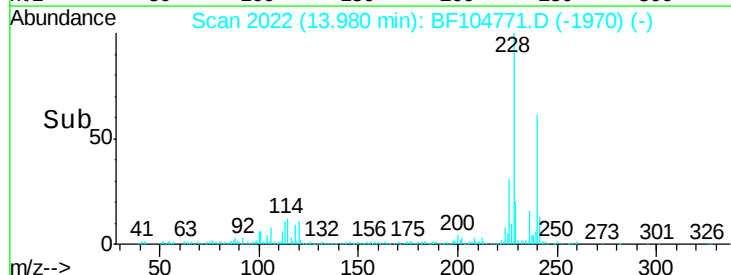
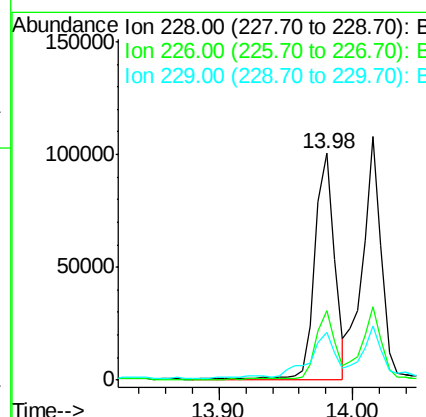
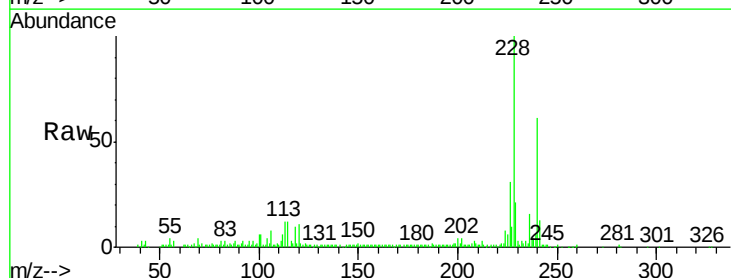
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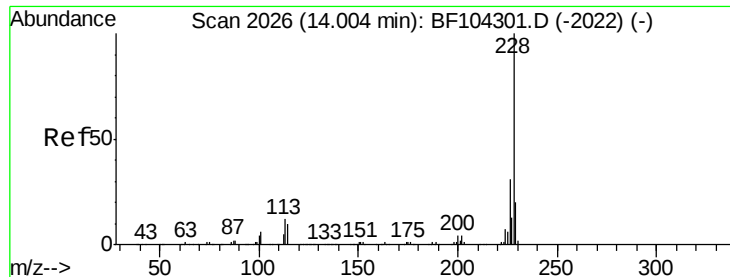
Sohil
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#80
 Benzo(a)anthracene
 Concen: 7.734 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF104771.D
 Acq: 24 Apr 2018 21:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	20.9	15.8	23.6





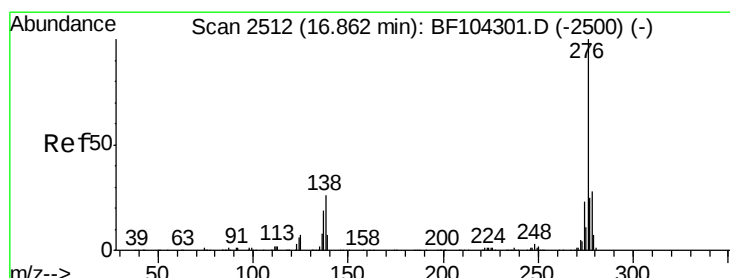
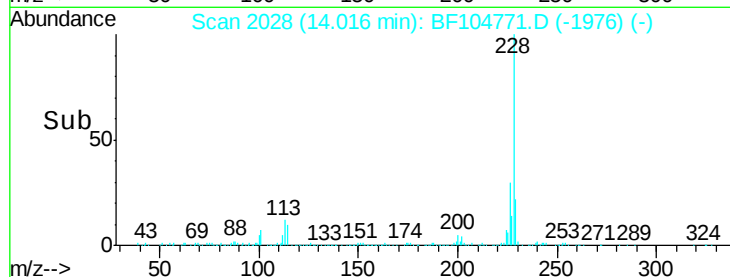
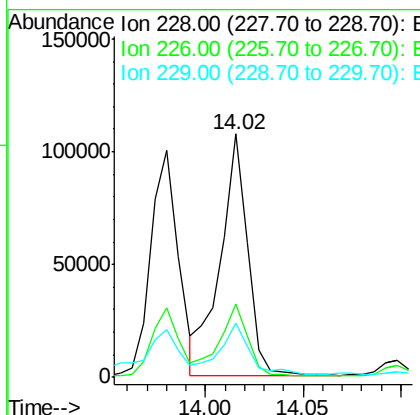
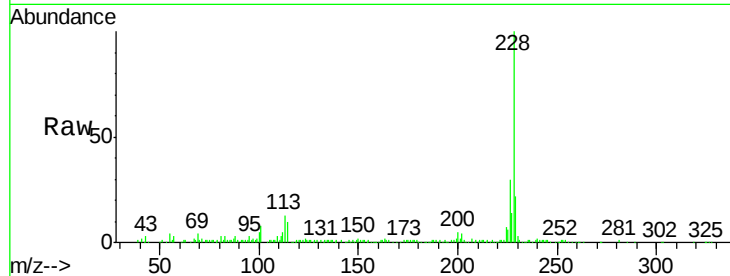
#82
Chrysene
Concen: 7.951 ng/mL
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104771.D
Acq: 24 Apr 2018 21:55

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion:	228	Resp:	105770
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	22.5	16.2	24.4

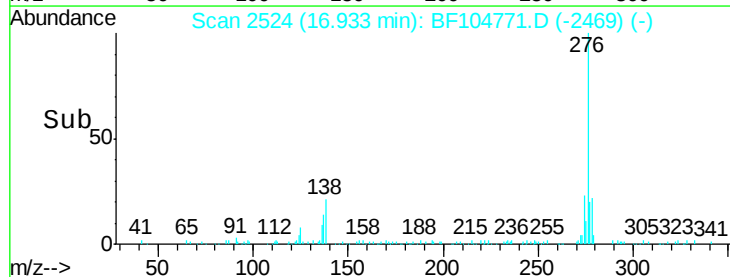
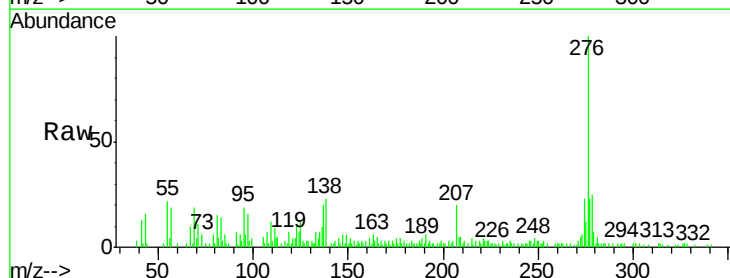
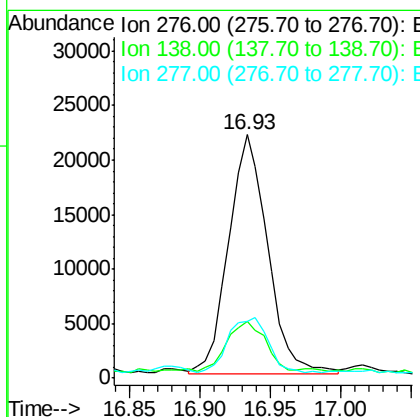
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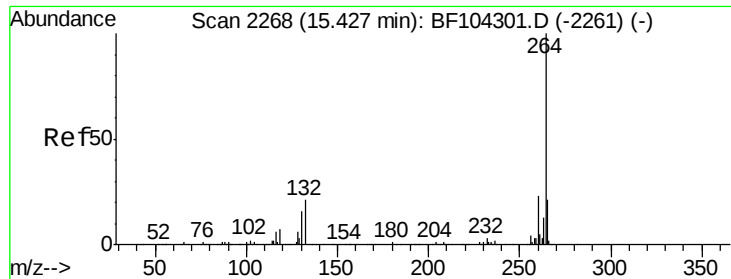
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.747 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.02 min
Lab File: BF104771.D
Acq: 24 Apr 2018 21:55

Tgt Ion:	276	Resp:	42340
Ion Ratio	Lower	Upper	
276	100		
138	20.5	25.0	37.6#
277	23.8	20.1	30.1





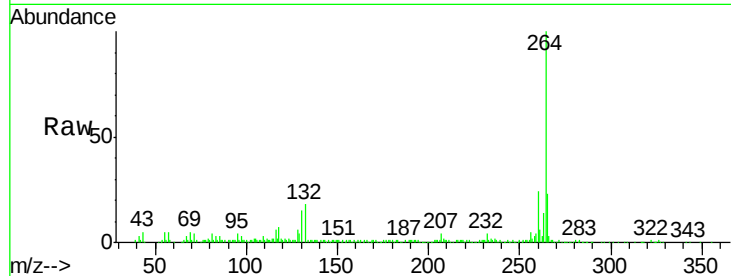
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF104771.D
Acq: 24 Apr 2018 21:55

Instrument :
BNA_F
ClientSampleId :
TP-6

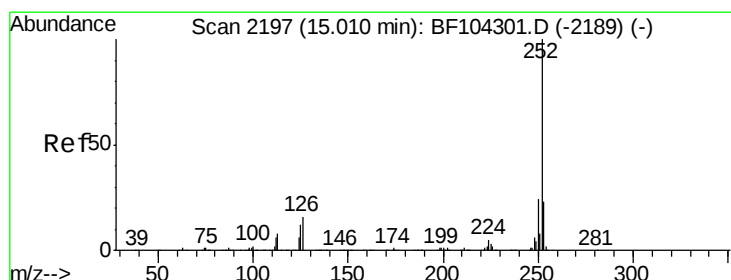
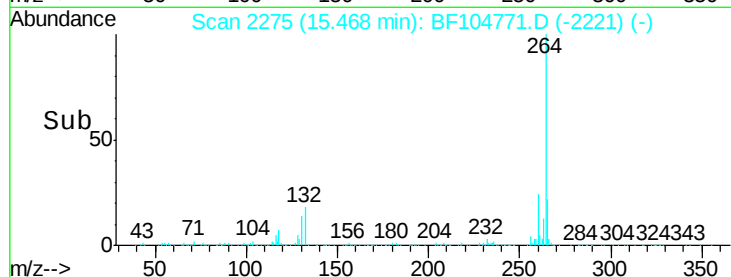
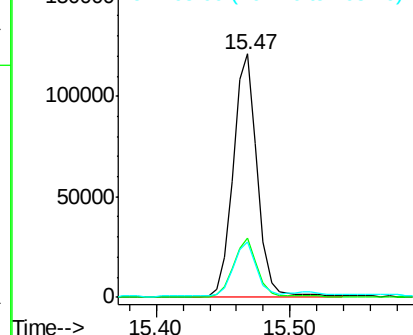
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.7	17.5	26.3

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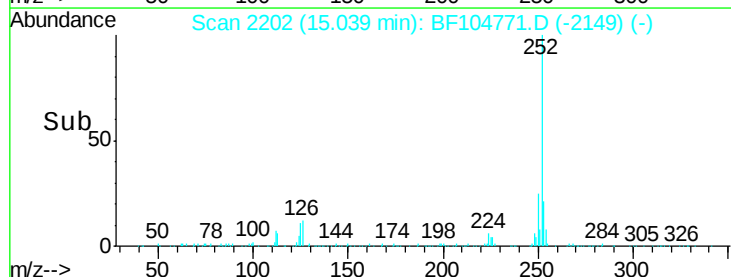
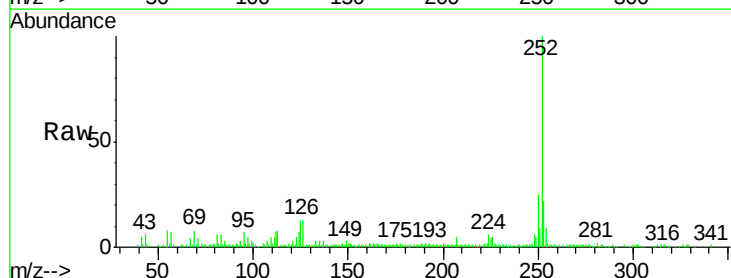
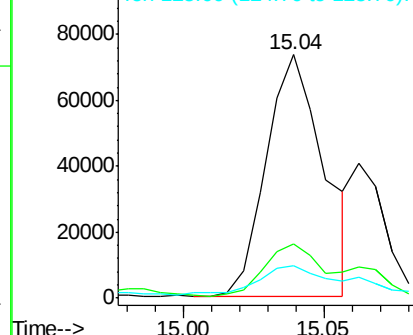
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

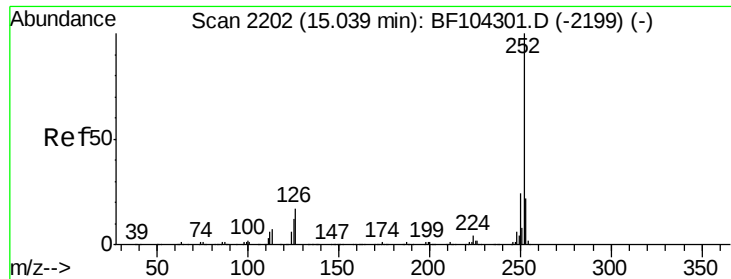


#87
Benzo(b)fluoranthene
Concen: 10.819 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF104771.D
Acq: 24 Apr 2018 21:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.4	9.0	13.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





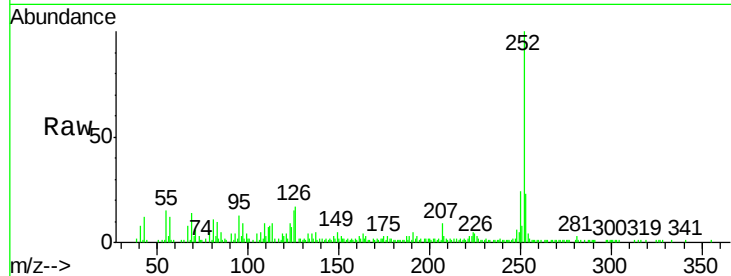
#88
Benzo(k)fluoranthene
Concen: 3.672 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF104771.D
Acq: 24 Apr 2018 21:55

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	15.1	10.2	15.2

Manual Integrations
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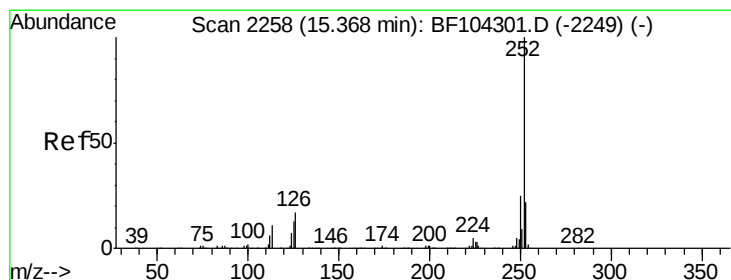
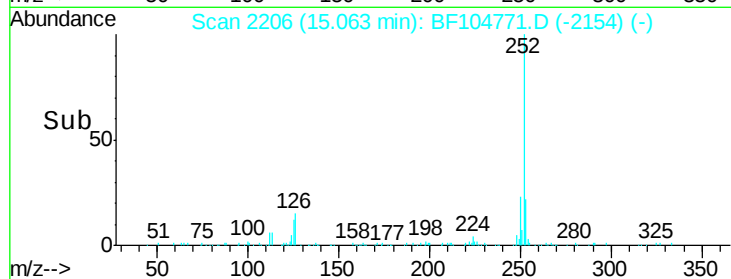
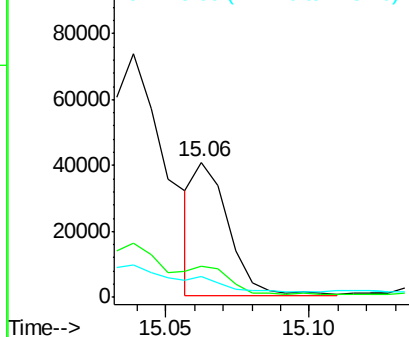


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 7.059 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF104771.D
Acq: 24 Apr 2018 21:55

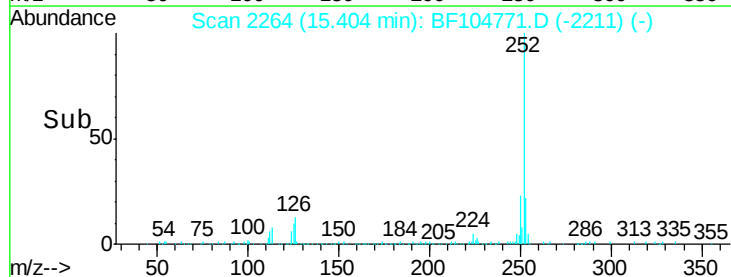
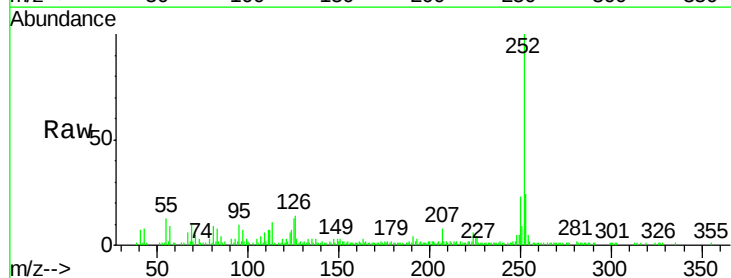
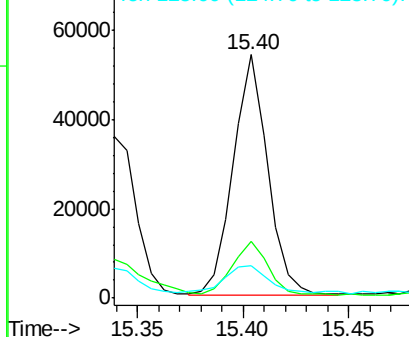
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	13.2	9.8	14.6

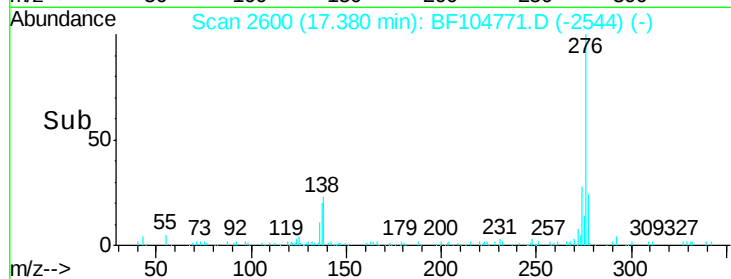
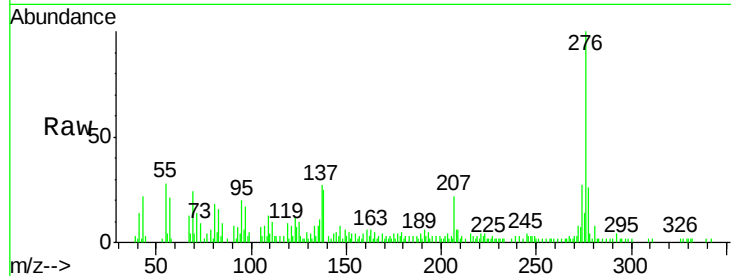
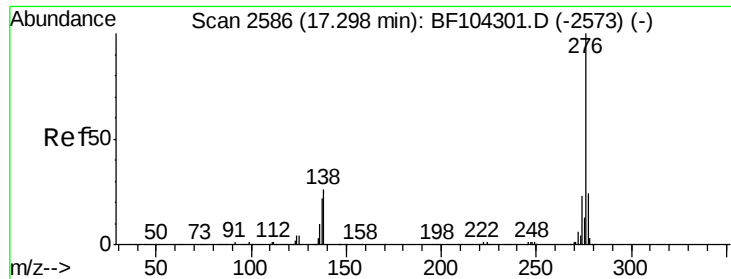
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 6.005 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.03 min

Lab File: BF104771.D

Acq: 24 Apr 2018 21:55

Tot Ion:	276	Resp:	41658
Ion Ratio	Lower	Upper	
276	100		
277	25.8	17.9	26.9
138	25.0	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

TP-6

Manual Integrations
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