

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104686.D
 Acq On : 20 Apr 2018 20:34
 Operator : JU/SJ
 Sample : J2460-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-2-0-6

Manual Integrations
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 4/23/2018 2:18:30 PM

Quant Time: Apr 23 11:40:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122068	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	486714	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	197896	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	316253	20.00	ng	0.00
75) Chrysene-d12	13.98	240	239736	20.00	ng	0.00
86) Perylene-d12	15.44	264	189820	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	722833	90.54	ng	0.00
7) Phenol-d6	6.45	99	860042	87.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	513330	68.87	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	175327	85.41	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	836288	66.76	ng	0.00
78) Terphenyl-d14	12.92	244	672856	63.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	79938	5.122	ng	99
70) Phenanthrene	11.36	178	48196	2.737	ng	97
74) Fluoranthene	12.55	202	94159	5.117	ng	99
77) Pyrene	12.77	202	93374	5.255	ng	98
80) Benzo(a)anthracene	13.97	228	40583	2.834	ng	93
82) Chrysene	14.00	228	44381	3.017	ng	96
87) Benzo(b)fluoranthene	15.02	252	47962m	4.001	ng	
89) Benzo(a)pyrene	15.38	252	30177	2.813	ng	# 87
91) Benzo(g,h,i)perylene	17.34	276	20255	2.373	ng	# 90

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

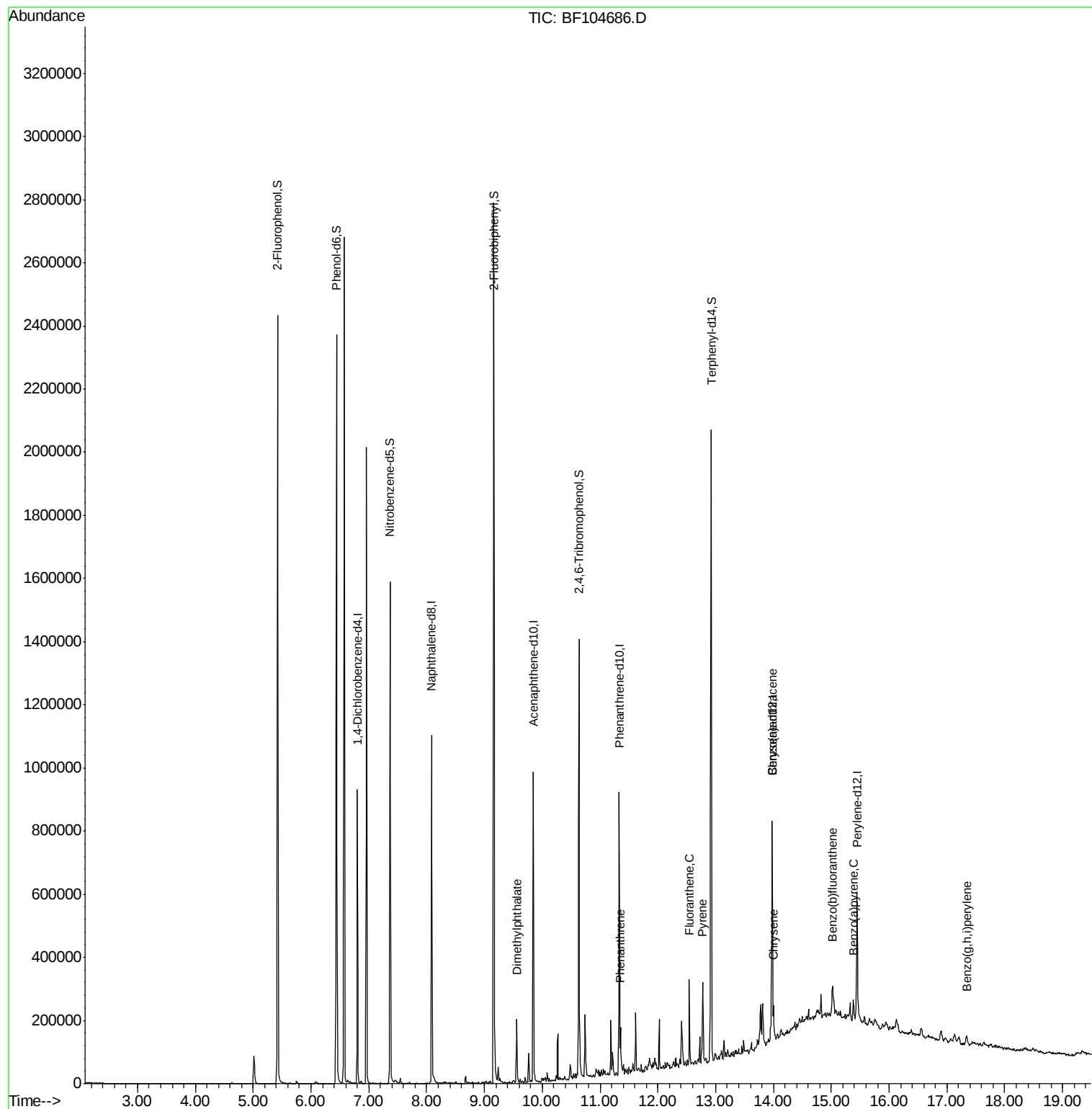
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104686.D
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Sample : J2460-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

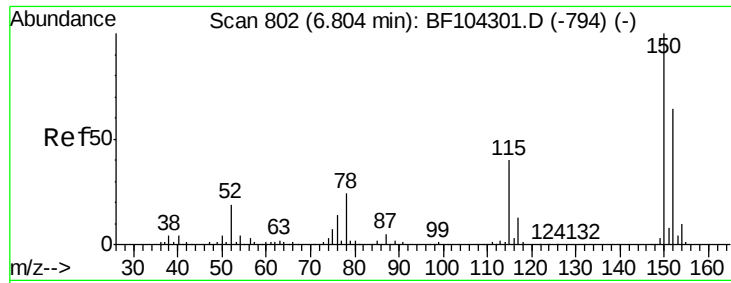
Instrument :
BNA_F
ClientSampleId :
MDP-B-2-0-6

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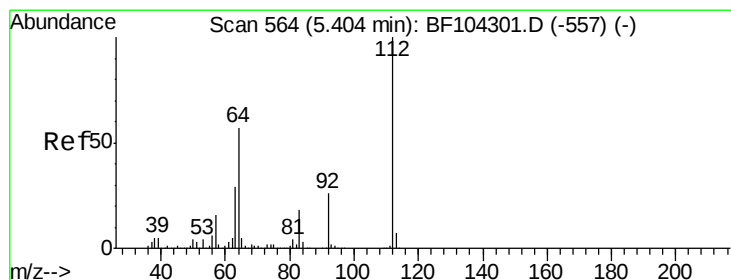
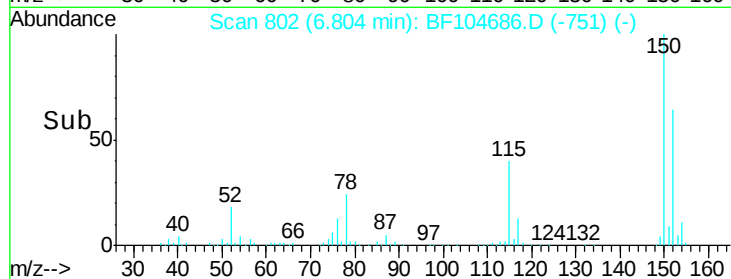
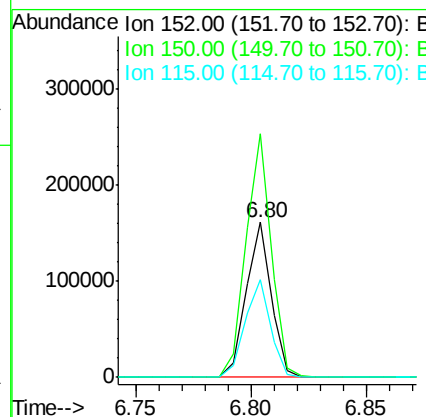
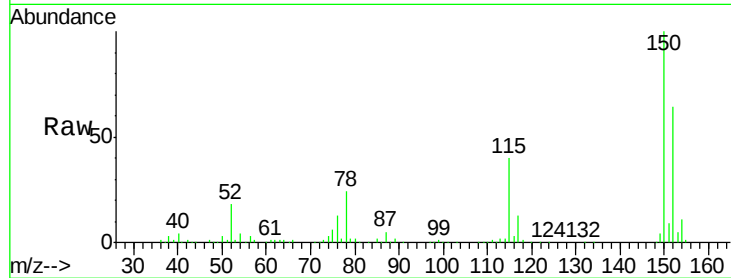
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104686.D
 Acq: 20 Apr 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-2-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.8	50.1	75.1

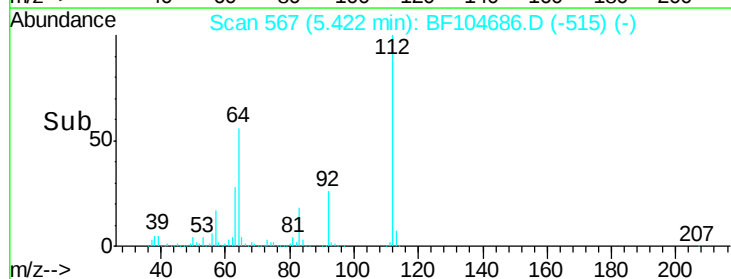
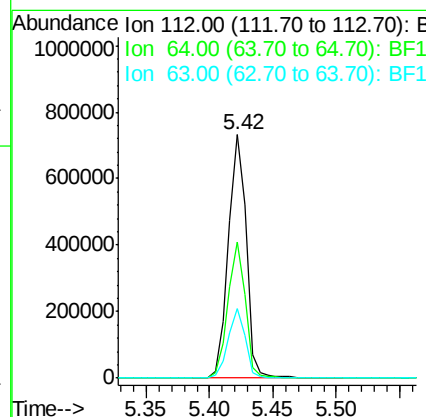
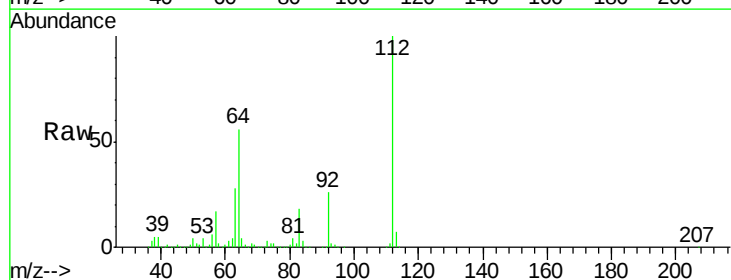
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#5
 2-Fluorophenol
 Concen: 90.544 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104686.D
 Acq: 20 Apr 2018 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	28.4	23.7	35.5





#7

Phenol-d6

Concen: 87.681 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104686.D

Acq: 20 Apr 2018 20:34

Instrument :

BNA_F

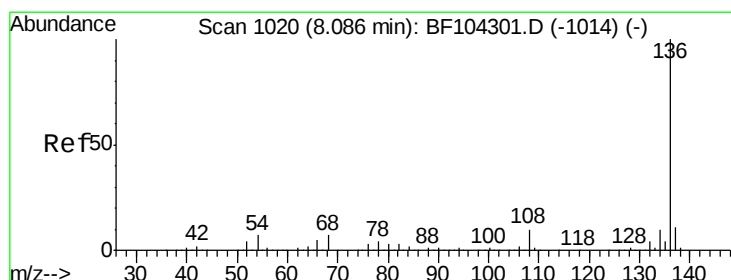
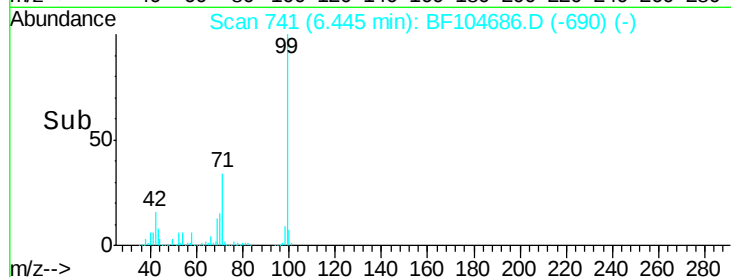
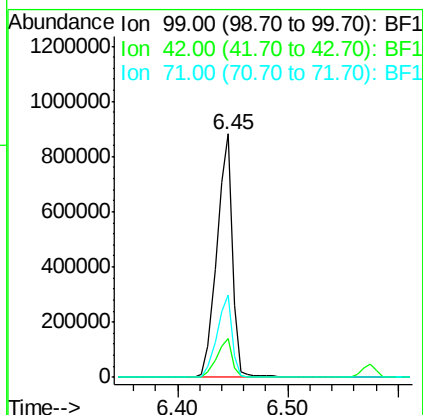
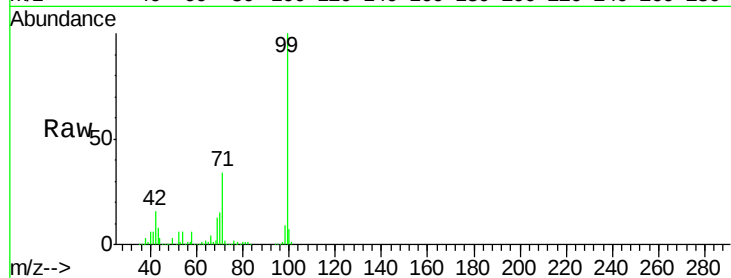
ClientSampleId :

MDP-B-2-0-6

Tot Ion:	99	Resp:	860042
Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

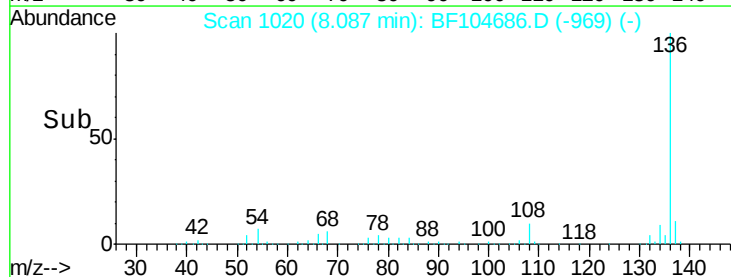
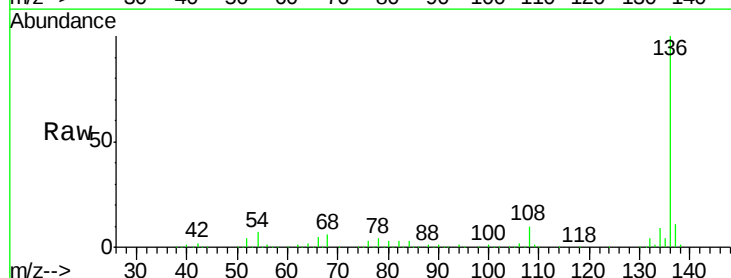
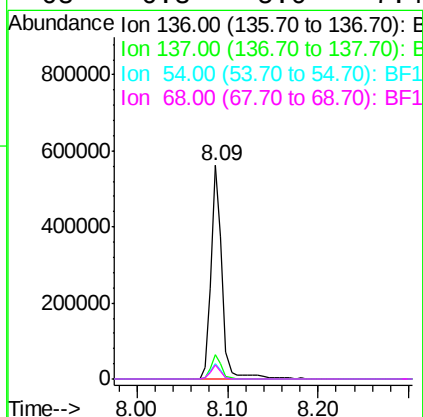
RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104686.D

Acq: 20 Apr 2018 20:34

Tgt Ion:	136	Resp:	486714
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	6.3	5.0	7.4





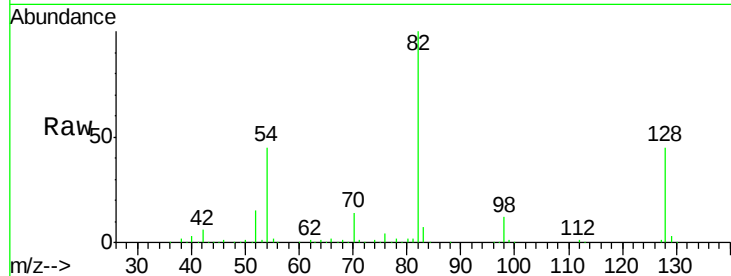
#23
Nitrobenzene-d5
Concen: 68.869 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104686.D
Acq: 20 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :
MDP-B-2-0-6

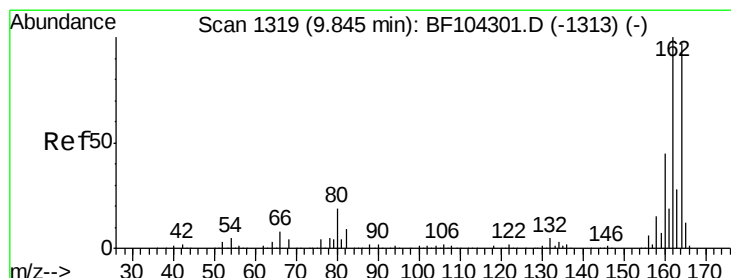
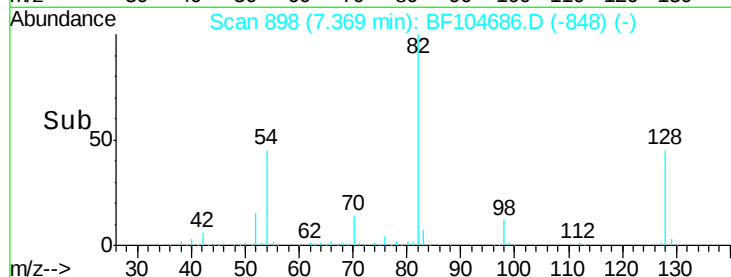
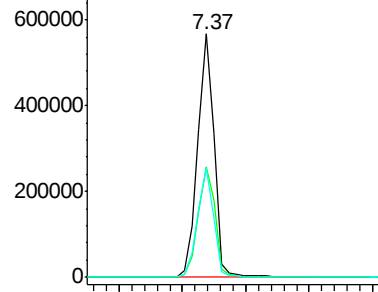
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	45.0	41.4	62.2

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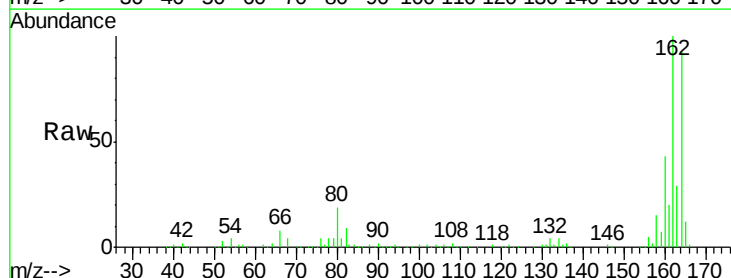


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

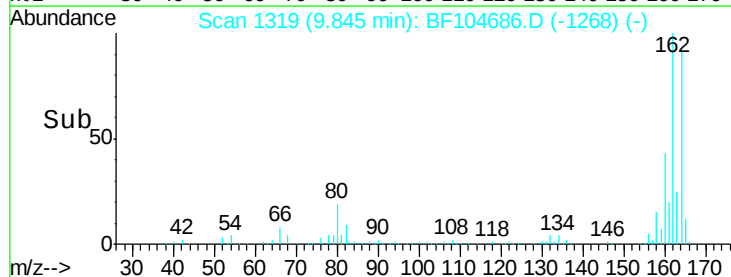
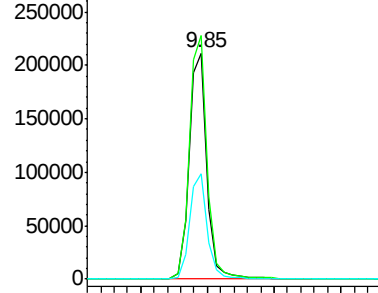


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104686.D
Acq: 20 Apr 2018 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	86.1	129.1
160	46.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





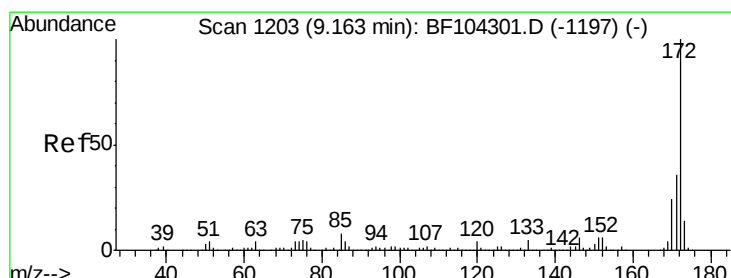
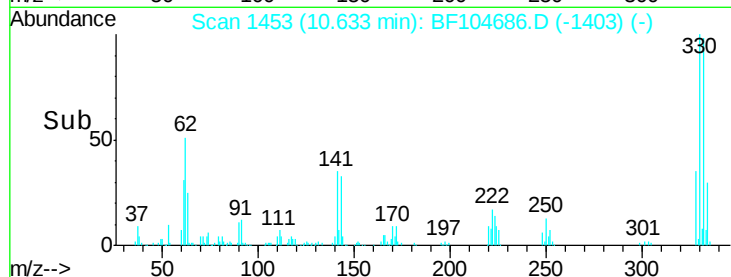
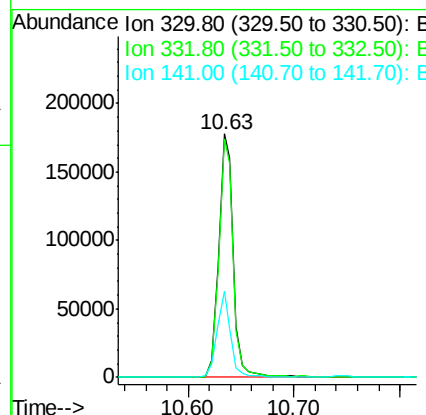
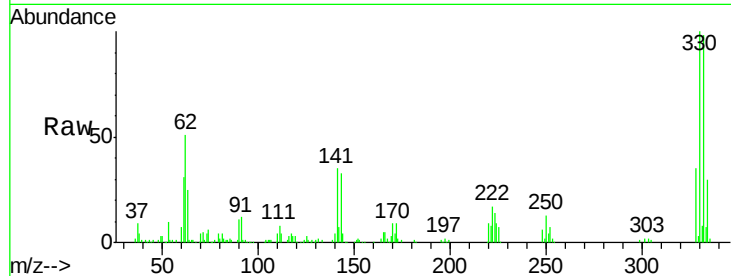
#41
 2,4,6-Tribromophenol
 Concen: 85.408 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104686.D
 Acq: 20 Apr 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-2-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175327		
332	96.9	77.0	115.6	
141	33.1	29.9	44.9	

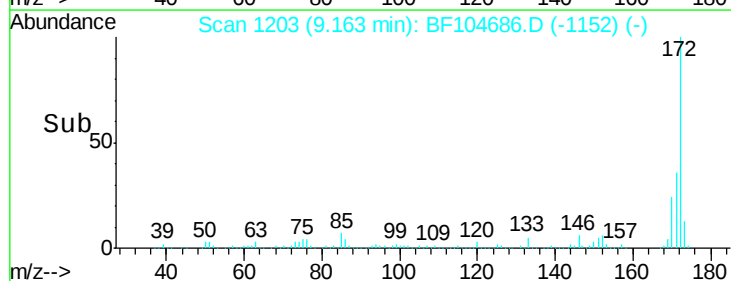
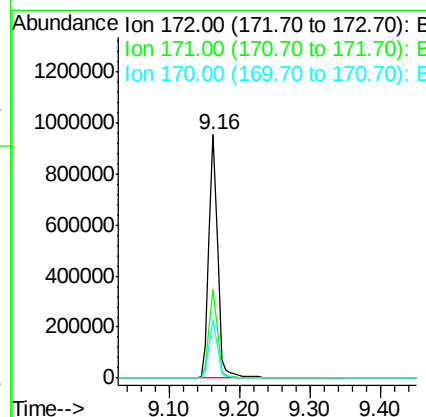
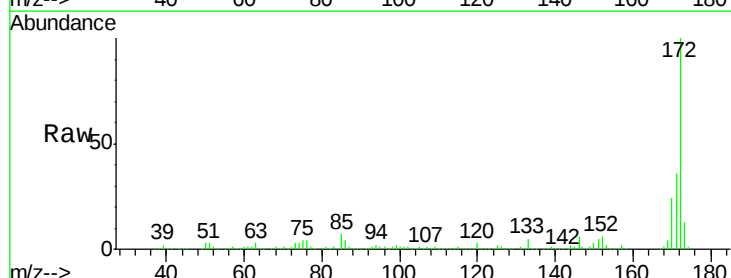
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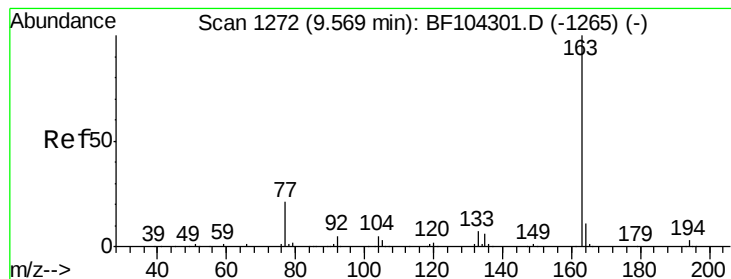
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#44
 2-Fluorobiphenyl
 Concen: 66.759 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104686.D
 Acq: 20 Apr 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	836288		
171	36.3	29.7	44.5	
170	23.9	19.6	29.4	





#49

Dimethylphthalate

Concen: 5.122 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104686.D

Acq: 20 Apr 2018 20:34

Instrument :

BNA_F

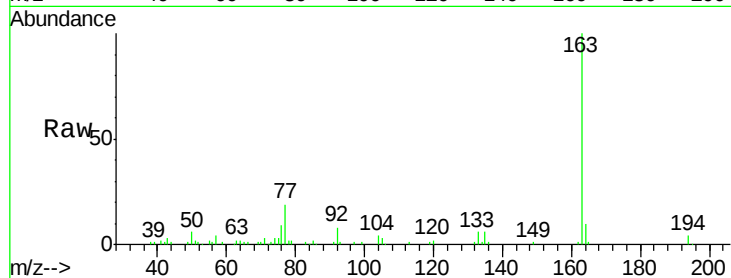
ClientSampleId :

MDP-B-2-0-6

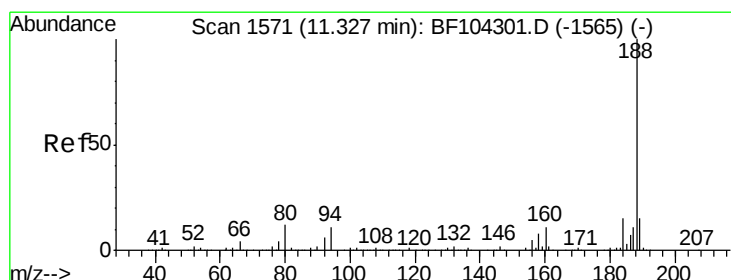
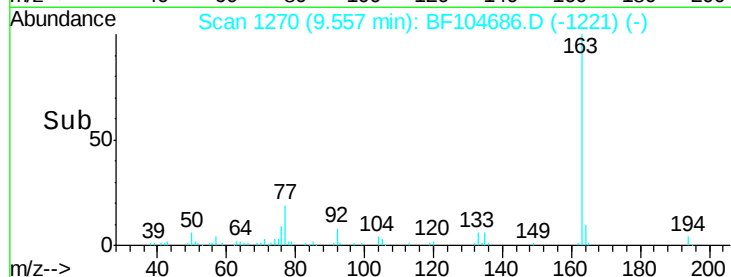
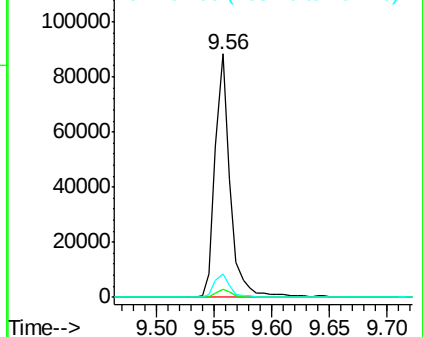
Tot Ion:	163	Resp:	79938
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

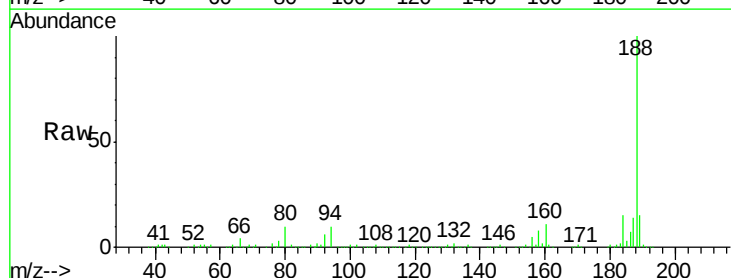
RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

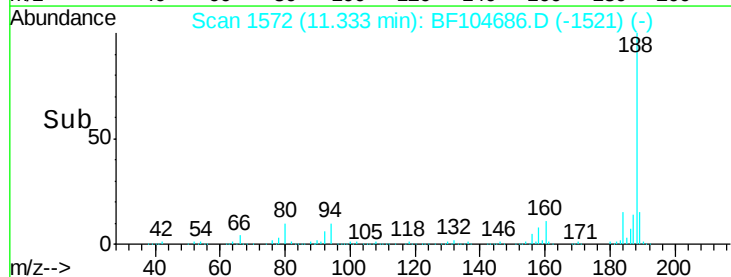
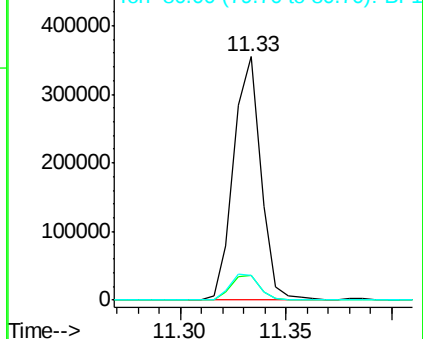
Lab File: BF104686.D

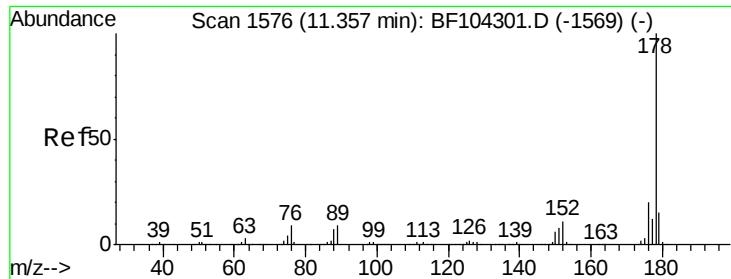
Acq: 20 Apr 2018 20:34

Tgt Ion:	188	Resp:	316253
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.5	12.7
80	10.3	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





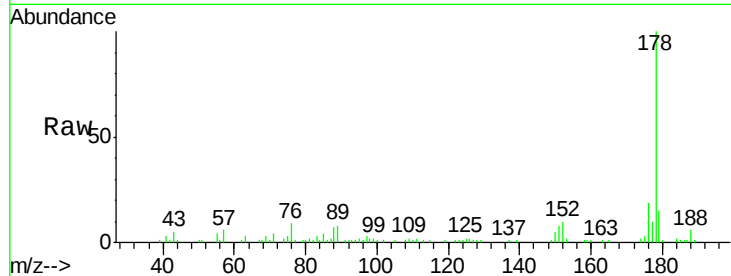
#70
Phenanthrene
Concen: 2.737 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF104686.D
Acq: 20 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :
MDP-B-2-0-6

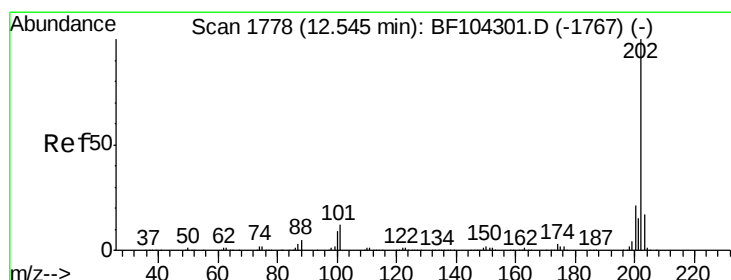
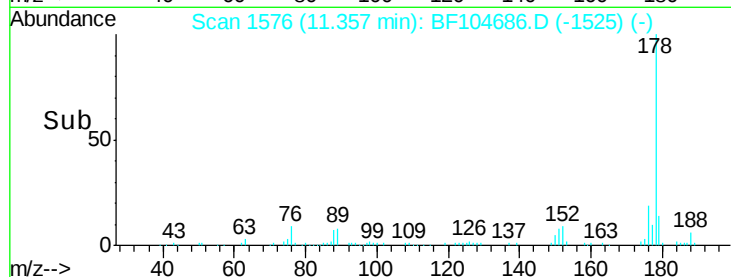
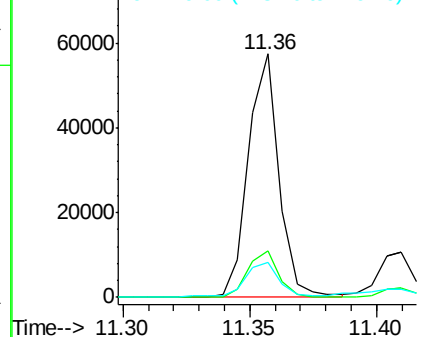
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.5	13.0	19.6

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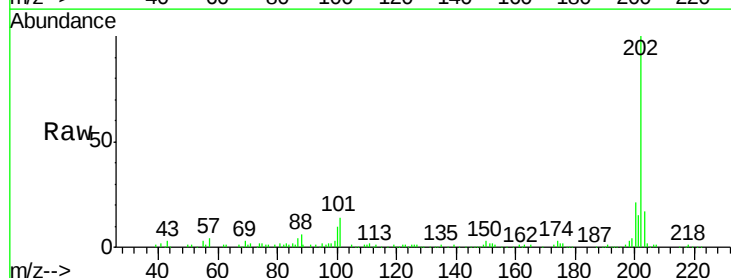


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

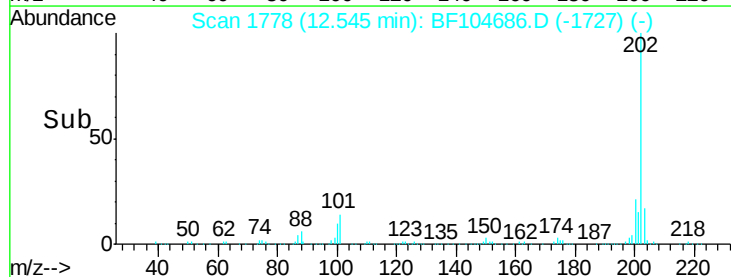
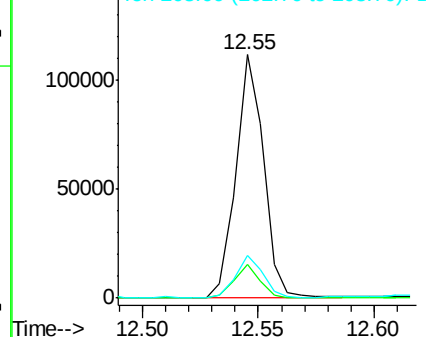


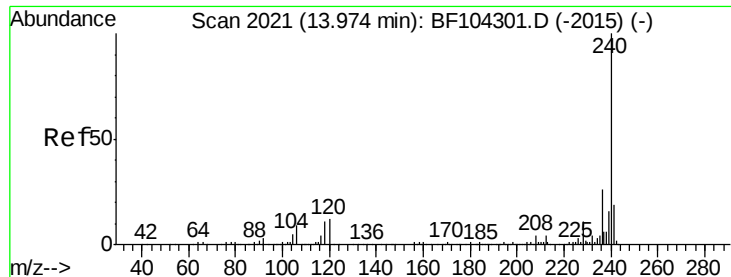
#74
Fluoranthene
Concen: 5.117 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BF104686.D
Acq: 20 Apr 2018 20:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.4	0.0	38.1



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: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104686.D

Acq: 20 Apr 2018 20:34

Instrument :

BNA_F

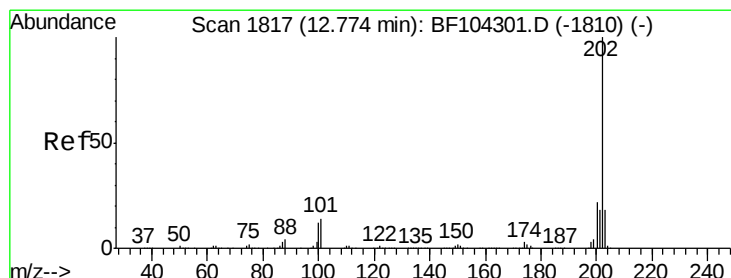
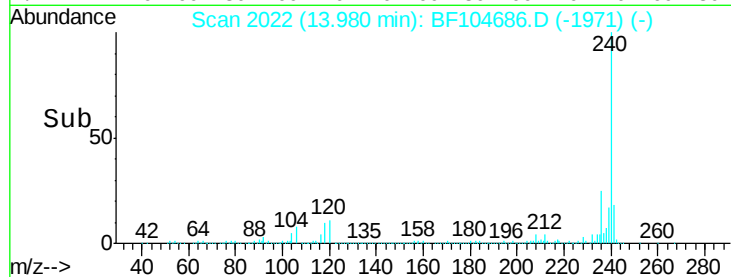
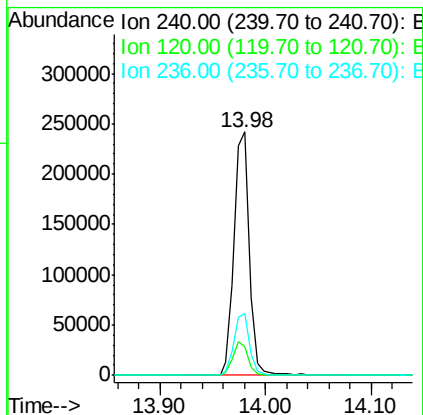
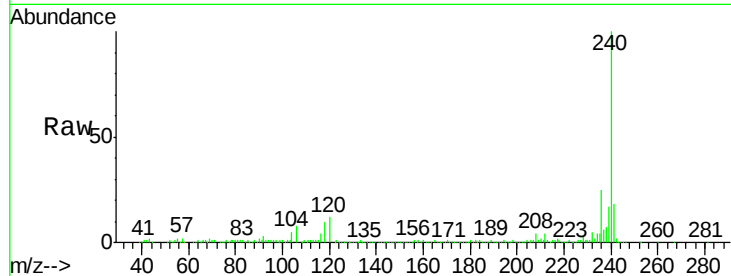
ClientSampleId :

MDP-B-2-0-6

Tot Ion:	240	Resp:	239736
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	25.4	20.7	31.1

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#77

Pyrene

Concen: 5.255 ng

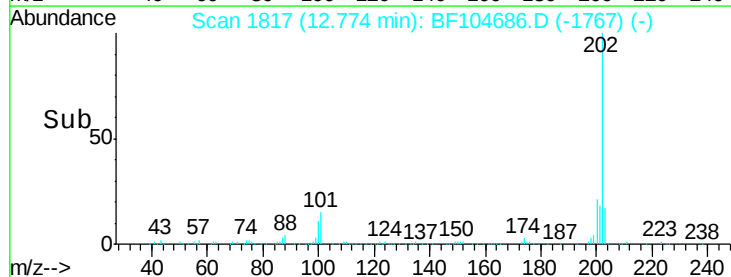
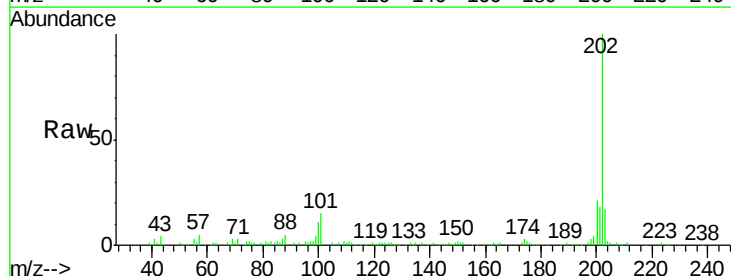
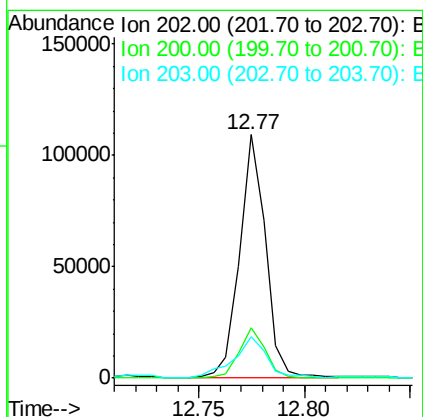
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104686.D

Acq: 20 Apr 2018 20:34

Tgt Ion:	202	Resp:	93374
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	17.2	14.3	21.5





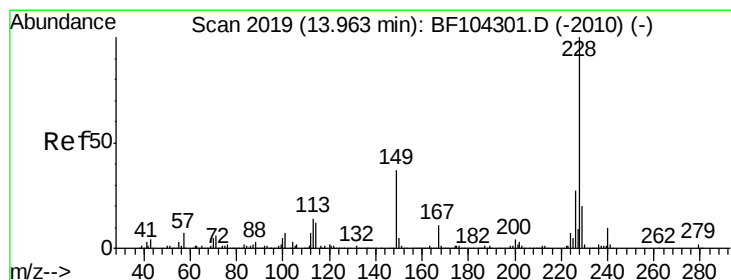
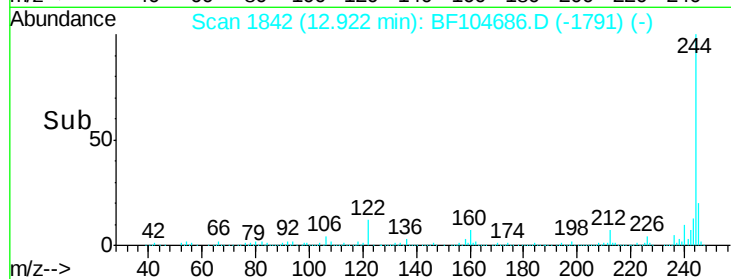
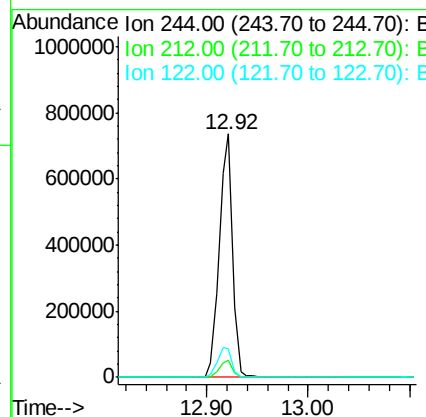
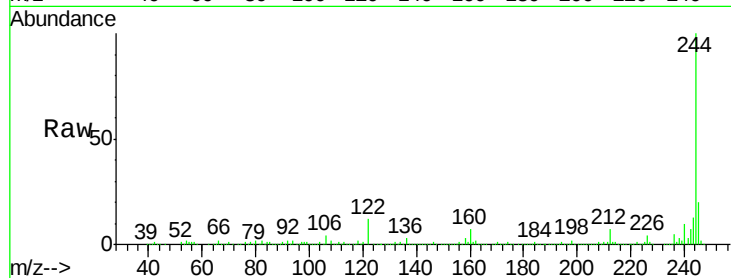
#78
 Terphenyl-d14
 Concen: 63.987 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104686.D
 Acq: 20 Apr 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-2-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.8	11.0	16.4

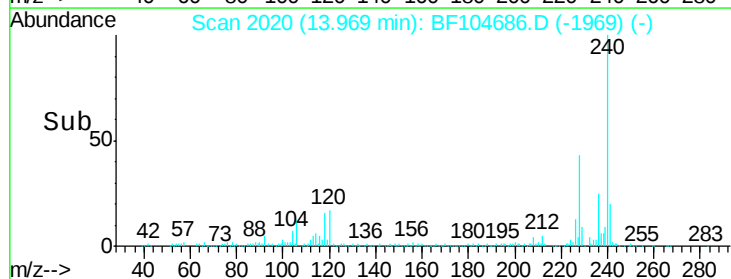
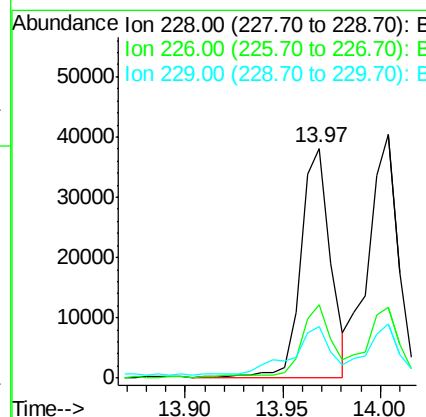
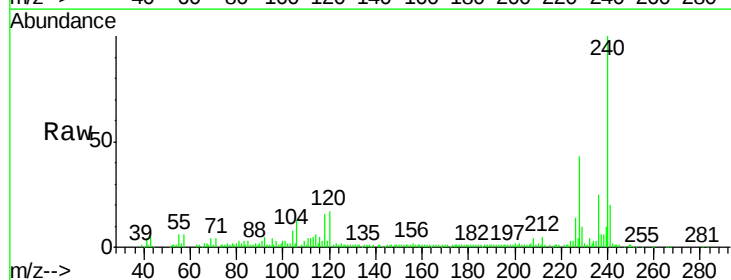
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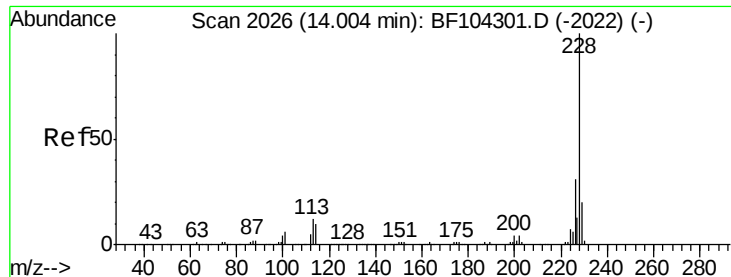
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 4/23/2018 2:18:30 PM



#80
 Benzo(a)anthracene
 Concen: 2.834 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF104686.D
 Acq: 20 Apr 2018 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.6	33.8
229	22.3	15.8	23.6





#82

Chrysene

Concen: 3.017 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104686.D

Acq: 20 Apr 2018 20:34

Instrument :

BNA_F

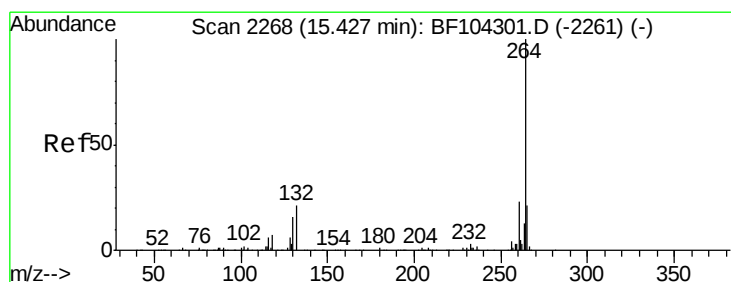
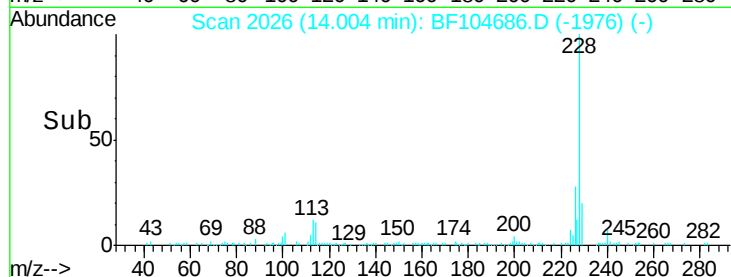
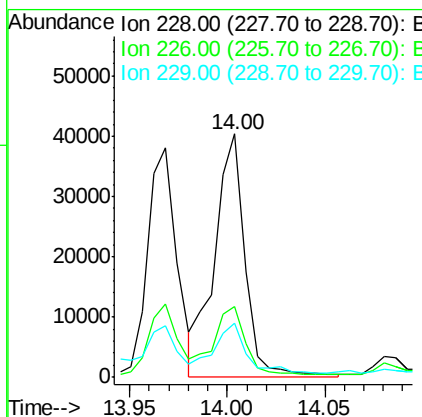
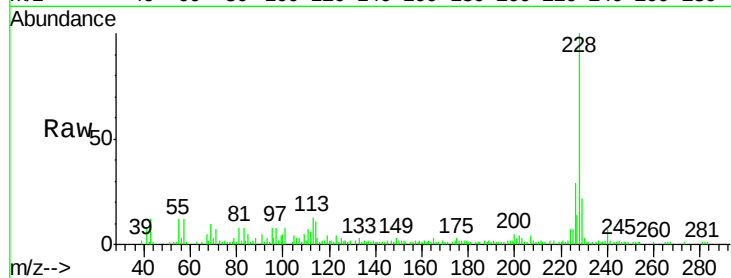
ClientSampled :

MDP-B-2-0-6

Tot Ion:	228	Resp:	44381
Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.0	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

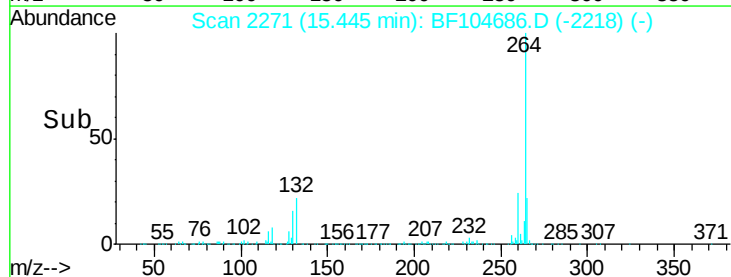
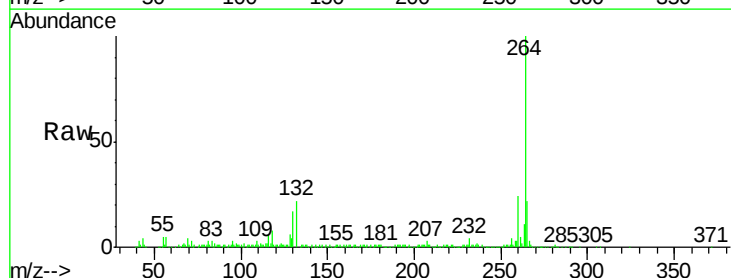
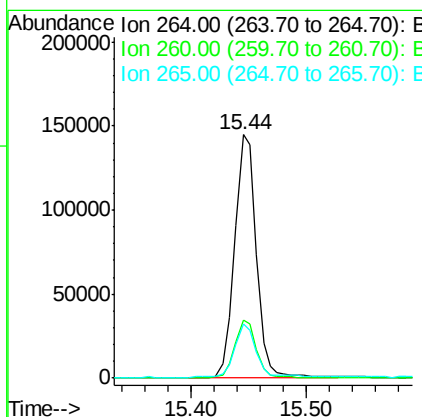
RT: 15.44 min Scan# 2271

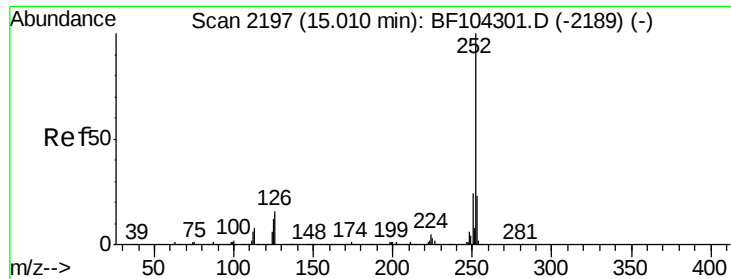
Delta R.T. 0.01 min

Lab File: BF104686.D

Acq: 20 Apr 2018 20:34

Tgt Ion:	264	Resp:	189820
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.001 ng m

RT: 15.02 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF104686.D

Acq: 20 Apr 2018 20:34

Instrument :

BNA_F

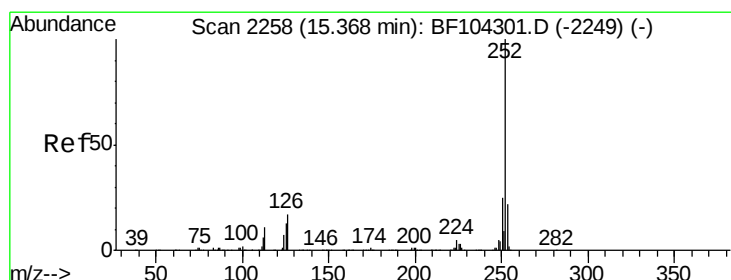
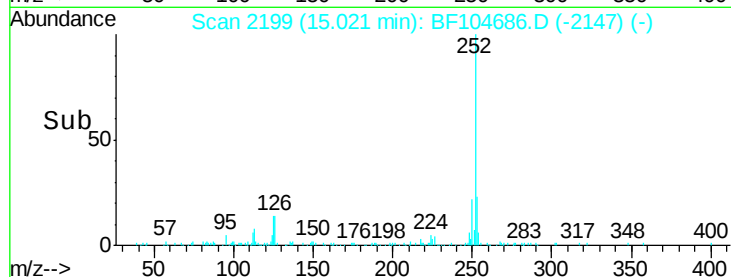
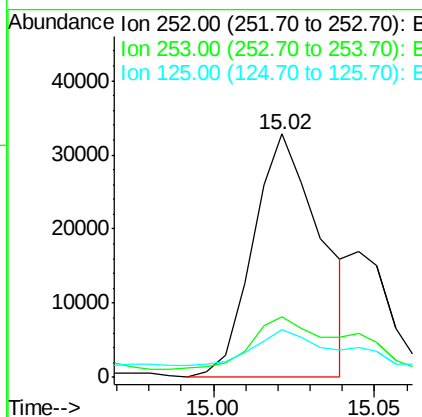
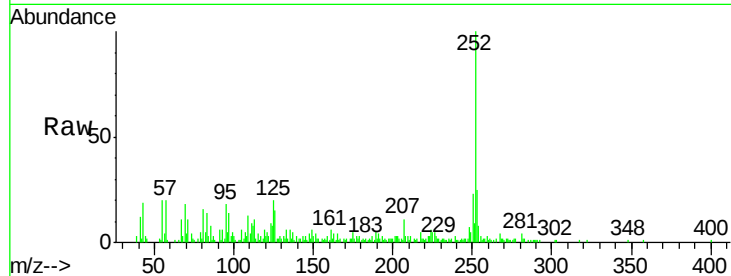
ClientSampleId :

MDP-B-2-0-6

Tot Ion:	252	Resp:	47962
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.0	25.6
125	19.5	9.0	13.6#

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#89

Benzo(a)pyrene

Concen: 2.813 ng

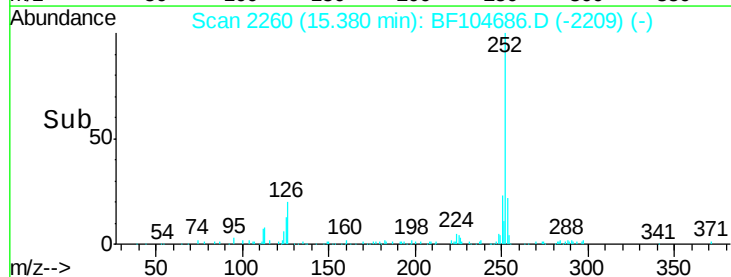
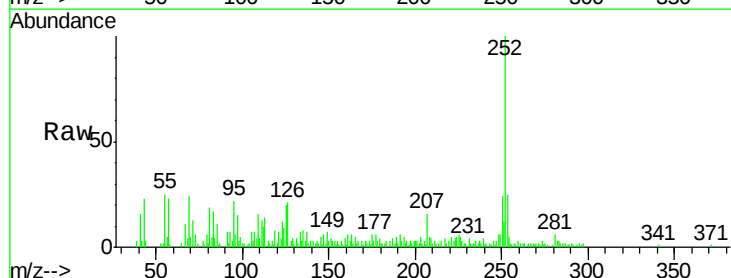
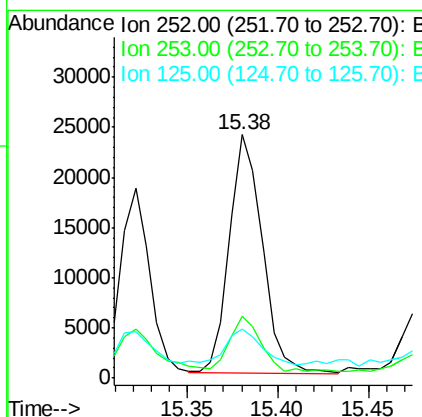
RT: 15.38 min Scan# 2260

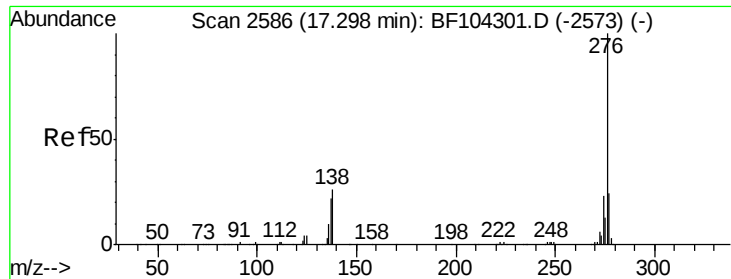
Delta R.T. -0.00 min

Lab File: BF104686.D

Acq: 20 Apr 2018 20:34

Tgt Ion:	252	Resp:	30177
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.1	25.7
125	20.2	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.373 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. 0.01 min
 Lab File: BF104686.D
 Acq: 20 Apr 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-2-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	33.8	21.8	32.8

Manual Integrations
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 4/23/2018 2:18:30 PM

