

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104822.D
 Acq On : 26 Apr 2018 7:27
 Operator : JU/SJ
 Sample : J2520-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8 4.0-4.5

Manual Integrations
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 4/26/2018 6:15:17 PM

Quant Time: Apr 26 14:16:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115343	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	470647	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	203645	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	318300	20.00	ng	0.00
75) Chrysene-d12	13.97	240	255991	20.00	ng	-0.01
86) Perylene-d12	15.44	264	194150	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	547496	72.58	ng	0.00
7) Phenol-d6	6.44	99	671630	72.46	ng	0.00
23) Nitrobenzene-d5	7.36	82	421242	58.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	144658	68.48	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	703527	54.58	ng	0.00
78) Terphenyl-d14	12.92	244	510688	45.48	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	76681	4.775	ng	99
70) Phenanthrene	11.35	178	168740	9.519	ng	98
74) Fluoranthene	12.54	202	171570	9.264	ng	97
77) Pyrene	12.77	202	149851	7.897	ng	99
80) Benzo(a)anthracene	13.97	228	70581	4.615	ng	98
82) Chrysene	14.00	228	68999	4.392	ng	99
87) Benzo(b)fluoranthene	15.02	252	58875m	4.801	ng	
89) Benzo(a)pyrene	15.38	252	38689	3.526	ng	95
91) Benzo(g,h,i)perylene	17.34	276	18274	2.093	ng	93

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

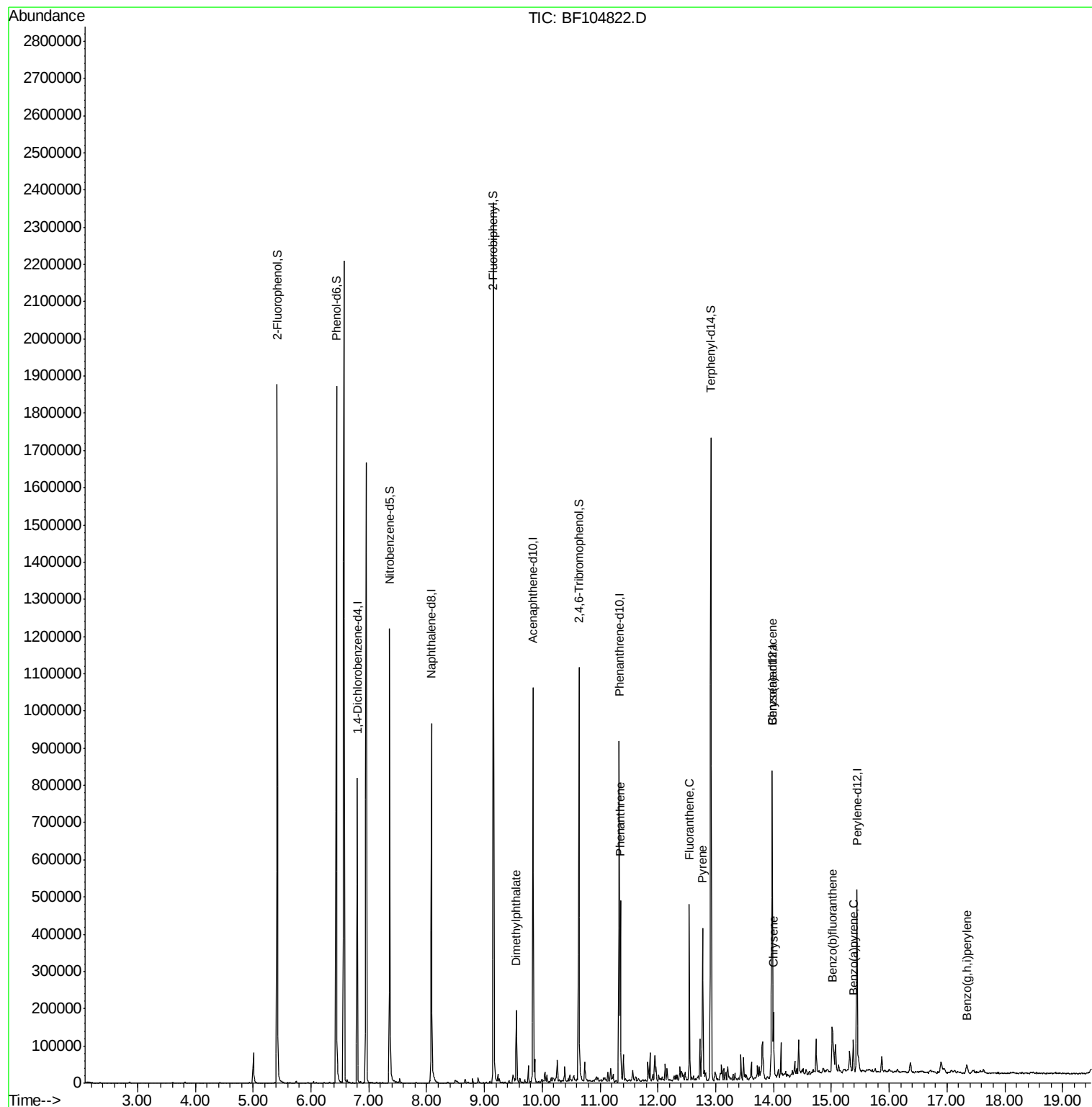
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104822.D
Acq On : 26 Apr 2018 7:27
Operator : JU/SJ
Sample : J2520-03
Misc :
ALS Vial : 41 Sample Multiplier: 1

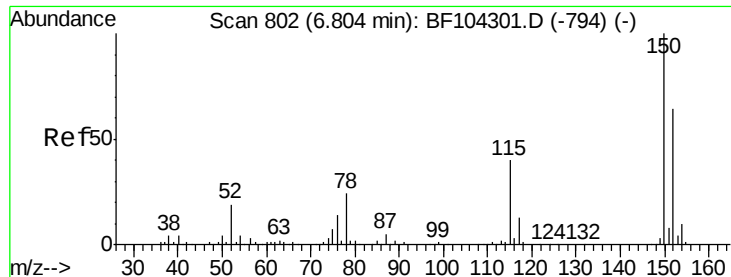
Instrument :
BNA_F
ClientSampleId :
TP-8 4.0-4.5

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Quant Time: Apr 26 14:16:17 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

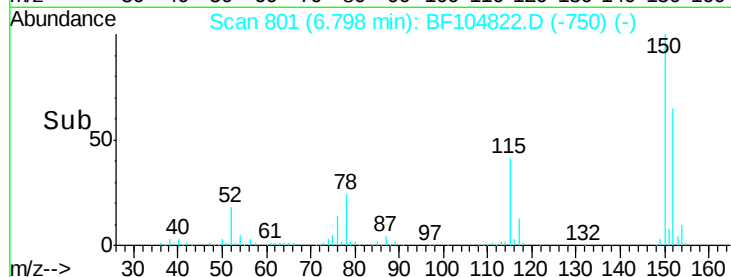
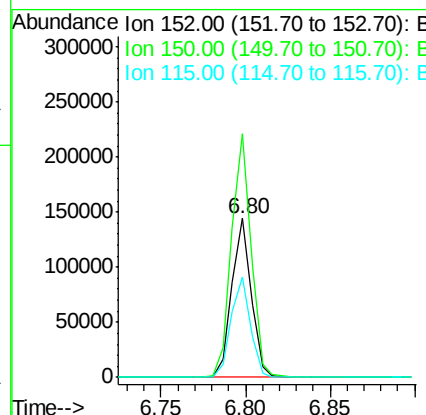
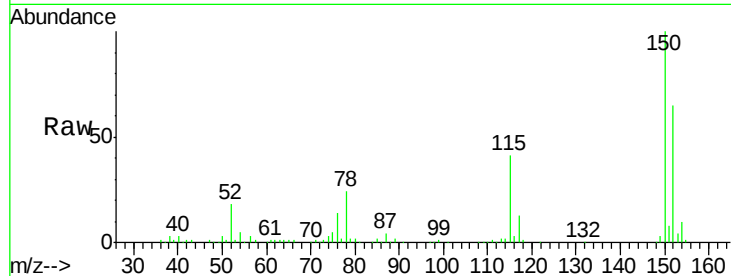
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Instrument :
BNA_F
ClientSampleId :
TP-8 4.0-4.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	62.9	50.1	75.1

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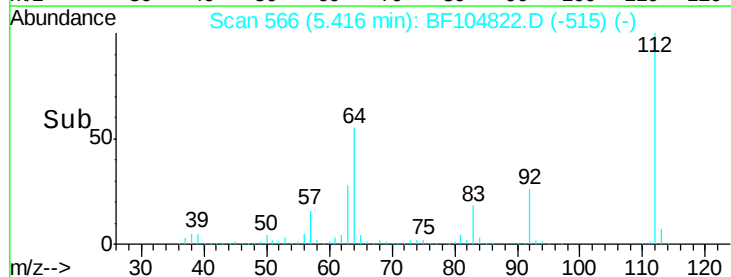
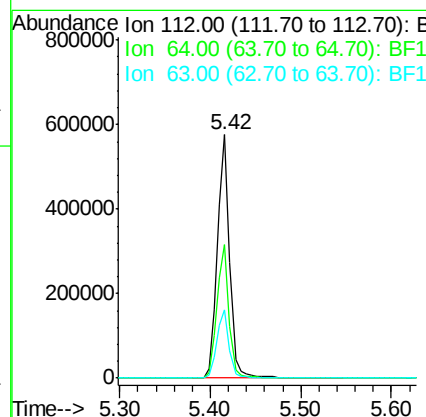
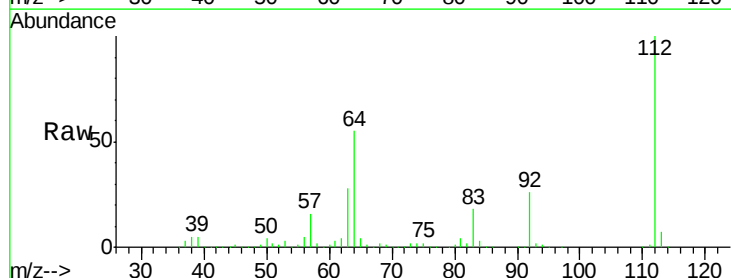
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#5

2-Fluorophenol
Concen: 72.579 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.9	71.9
63	28.1	23.7	35.5





#7

Phenol-d6

Concen: 72.464 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104822.D

Acq: 26 Apr 2018 7:27

Instrument :

BNA_F

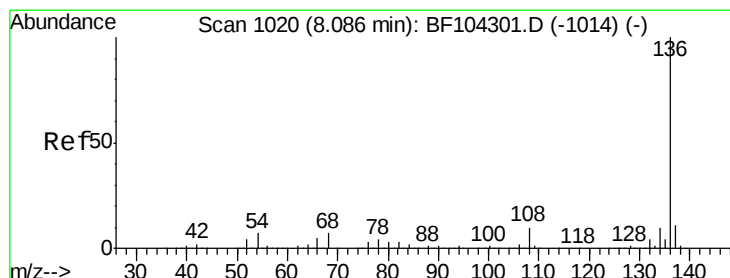
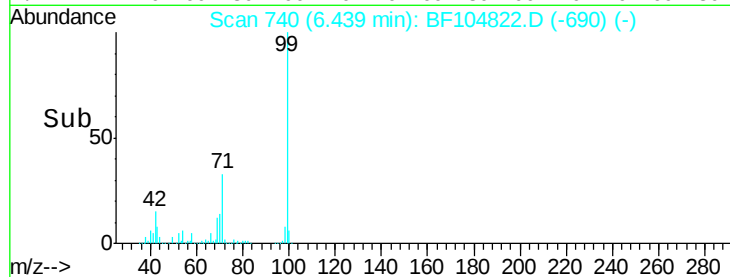
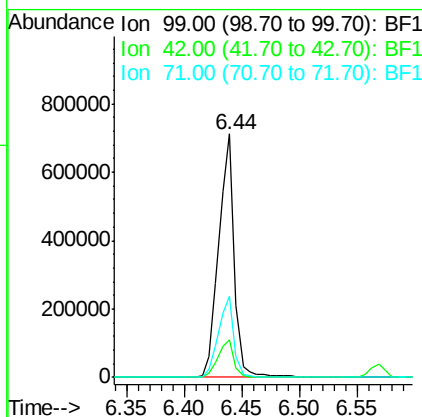
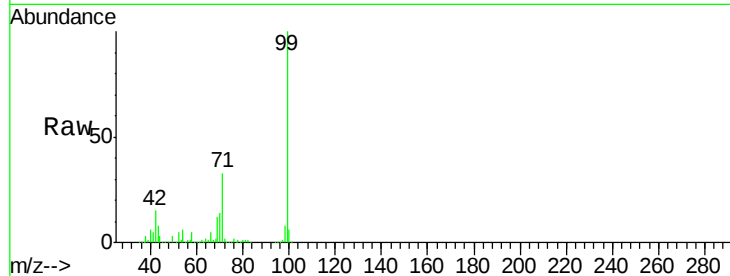
ClientSampleId :

TP-8 4.0-4.5

Tot Ion:	99	Resp:	671630
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.5	21.7
71	33.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

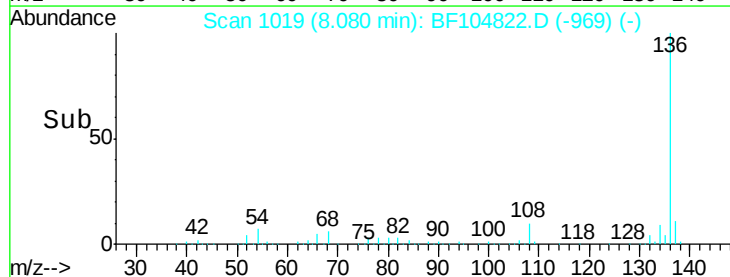
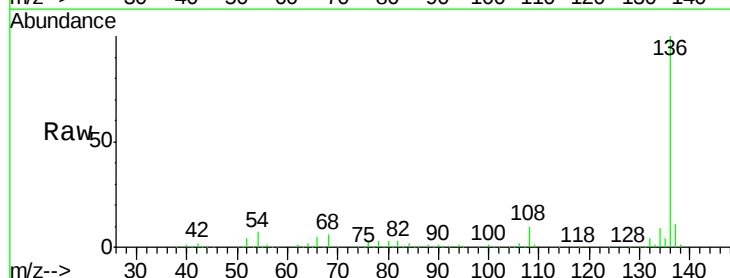
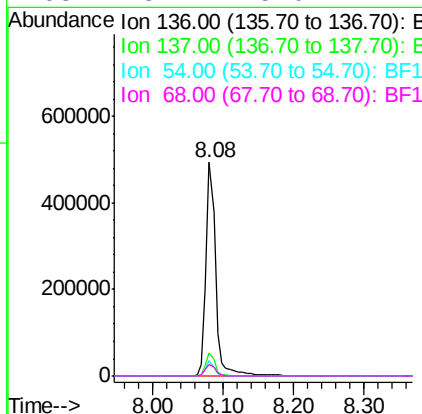
RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104822.D

Acq: 26 Apr 2018 7:27

Tgt Ion:	136	Resp:	470647
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4





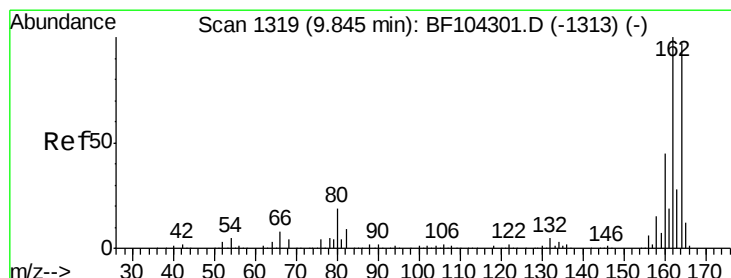
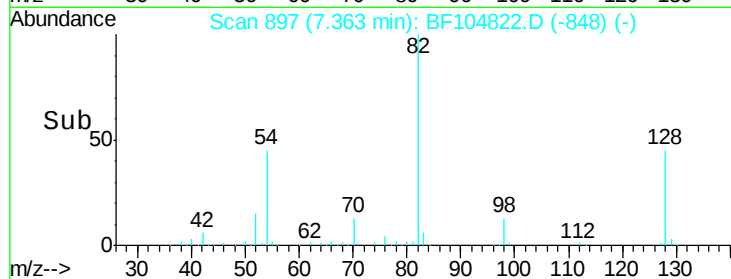
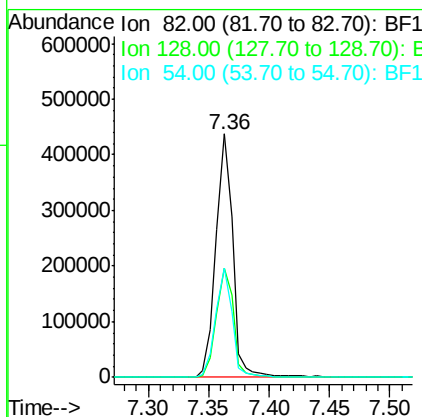
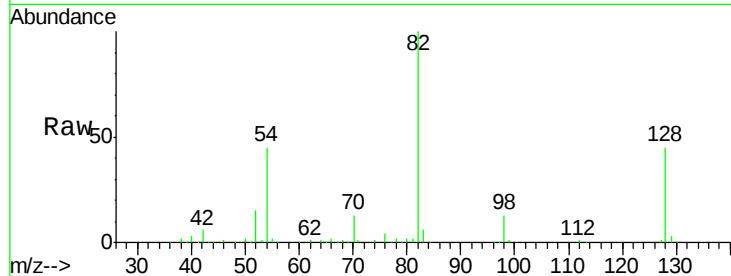
#23
Nitrobenzene-d5
Concen: 58.444 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Instrument :
BNA_F
ClientSampleId :
TP-8 4.0-4.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	44.7	41.4	62.2

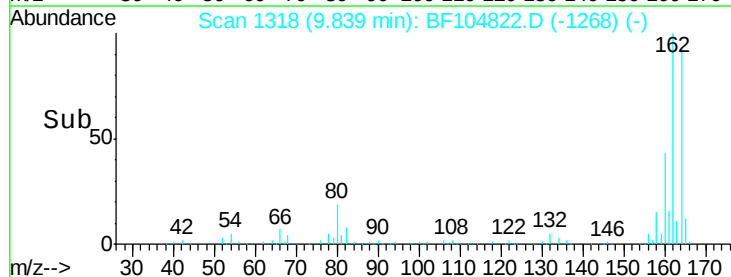
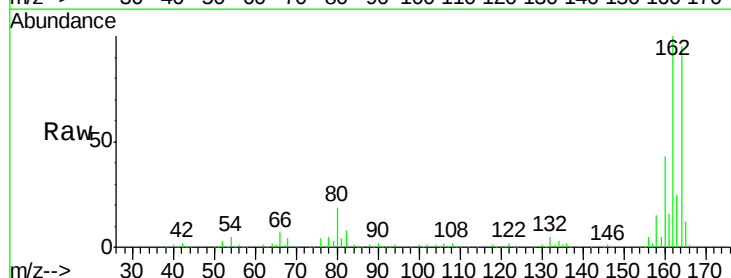
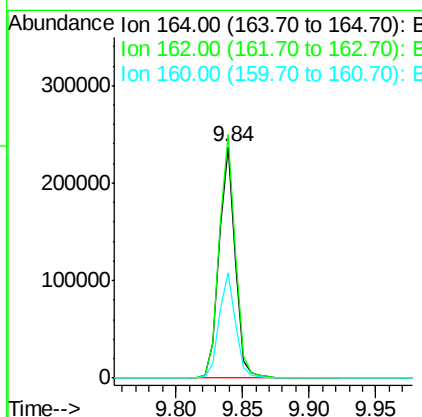
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	45.6	38.3	57.5





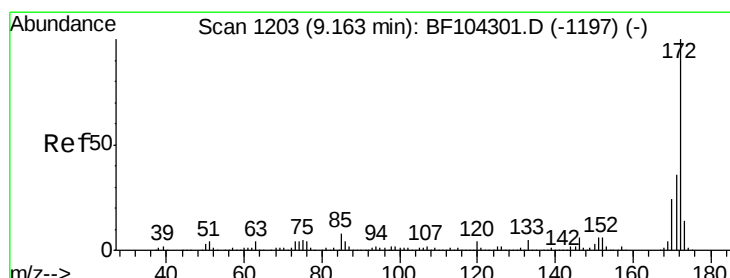
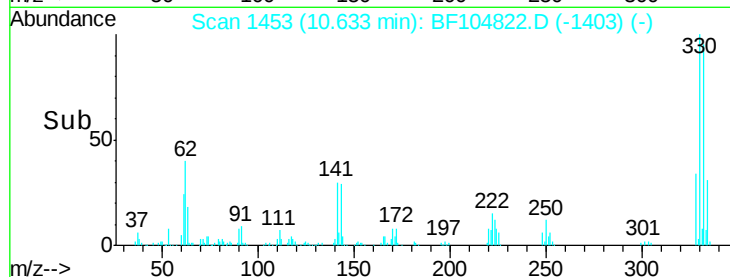
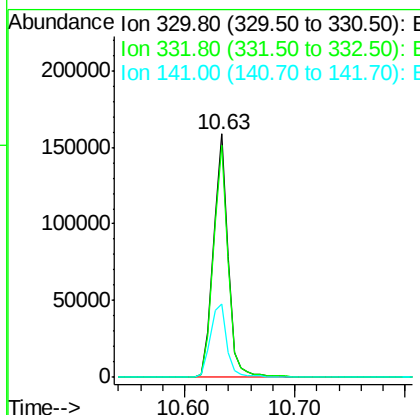
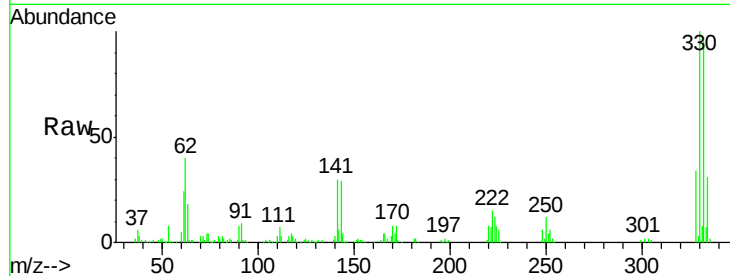
#41
 2,4,6-Tribromophenol
 Concen: 68.478 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104822.D
 Acq: 26 Apr 2018 7:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-8 4.0-4.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	144658		
332	95.3	77.0	115.6	
141	34.1	29.9	44.9	

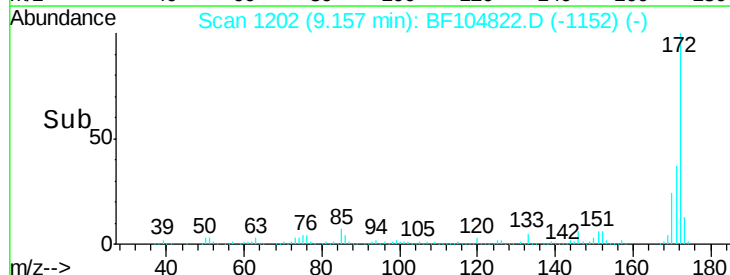
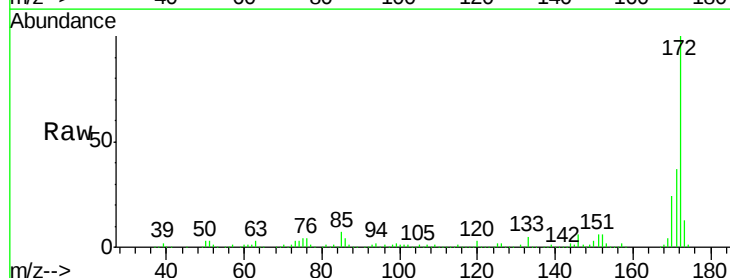
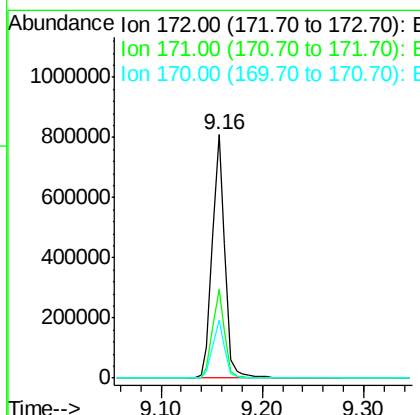
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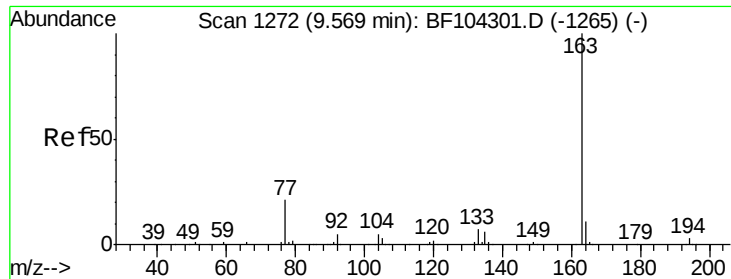
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#44
 2-Fluorobiphenyl
 Concen: 54.575 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104822.D
 Acq: 26 Apr 2018 7:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	703527		
171	36.5	29.7	44.5	
170	23.8	19.6	29.4	





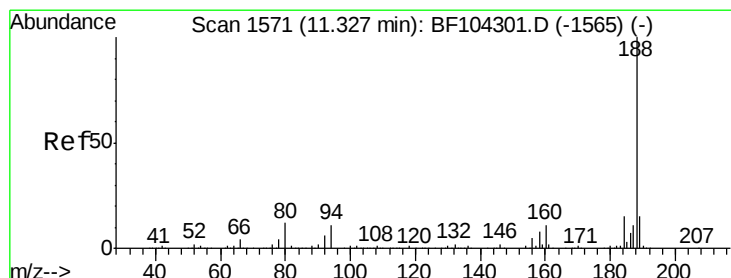
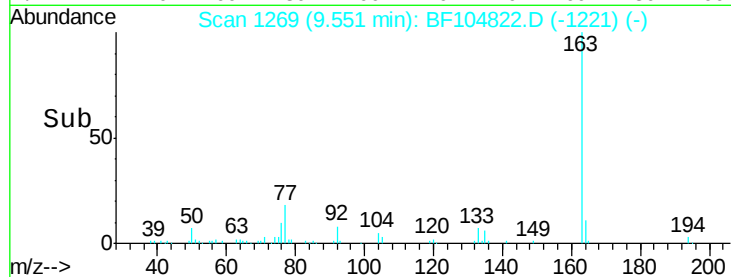
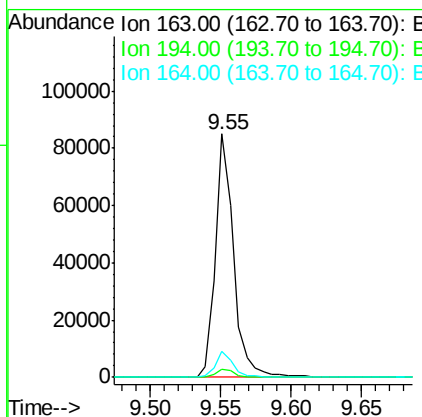
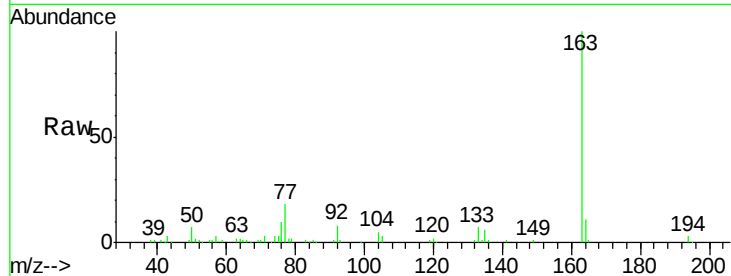
#49
Dimethylphthalate
Concen: 4.775 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Instrument :
BNA_F
ClientSampled :
TP-8 4.0-4.5

Tot Ion:	163	Resp:	76681
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.5	8.2	12.2

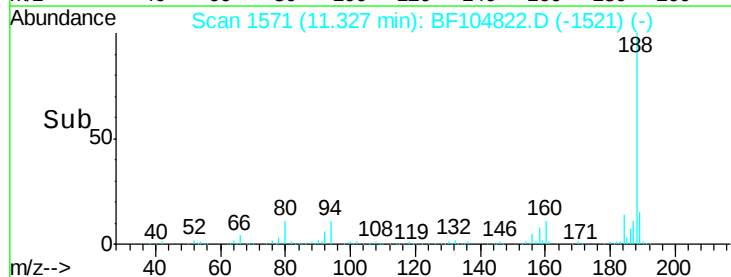
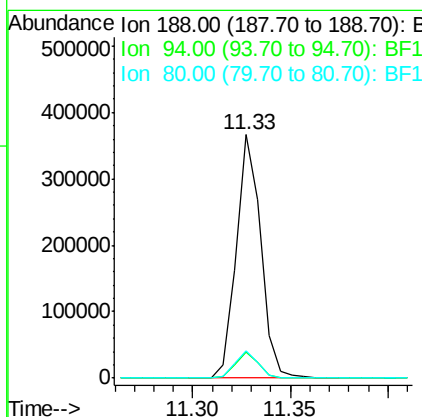
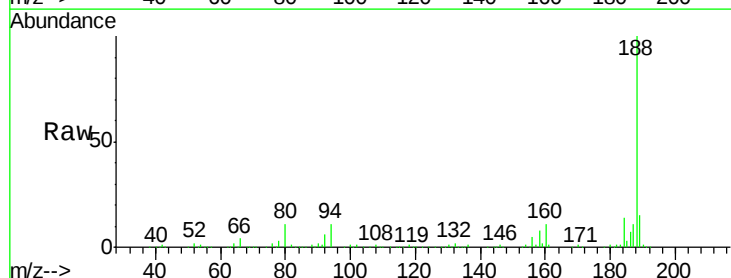
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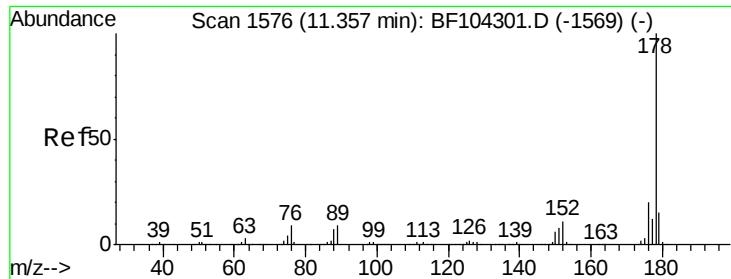
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Tgt Ion:	188	Resp:	318300
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8





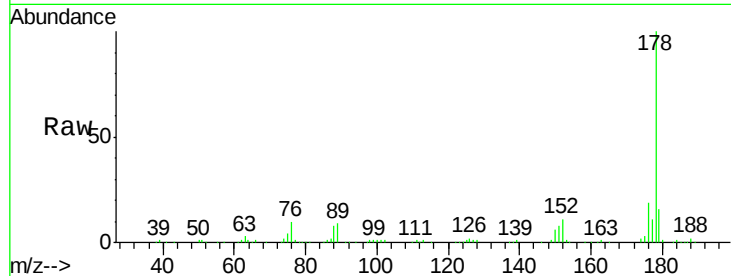
#70
Phenanthrene
Concen: 9.519 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Instrument :
BNA_F
ClientSampled :
TP-8 4.0-4.5

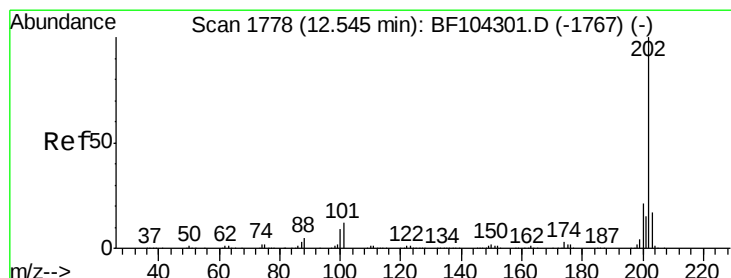
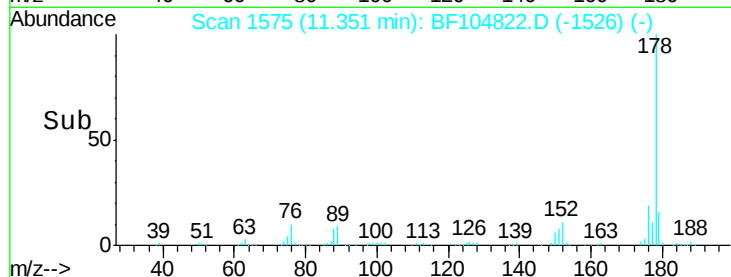
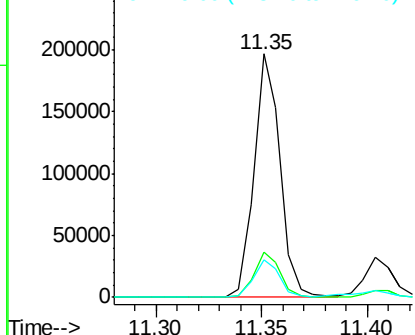
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.5	13.0	19.6

Manual Integrations
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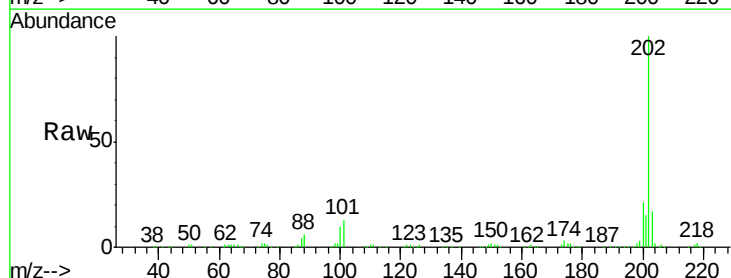


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

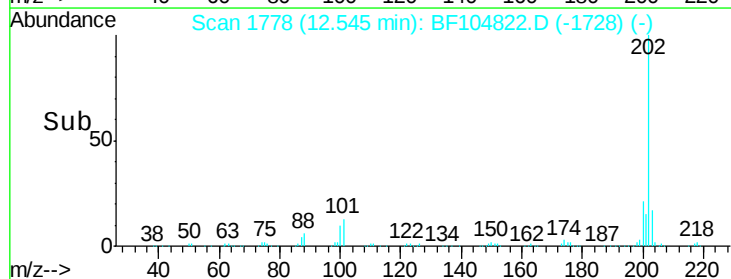
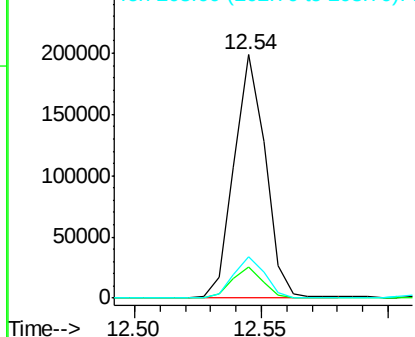


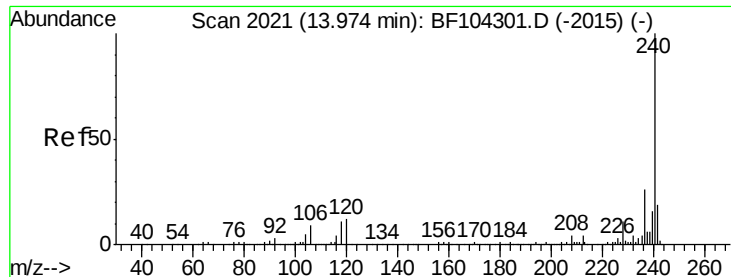
#74
Fluoranthene
Concen: 9.264 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.2	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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104822.D

Acq: 26 Apr 2018 7:27

Instrument :

BNA_F

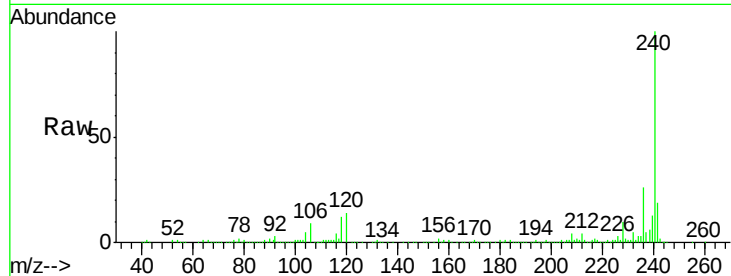
ClientSampleId :

TP-8 4.0-4.5

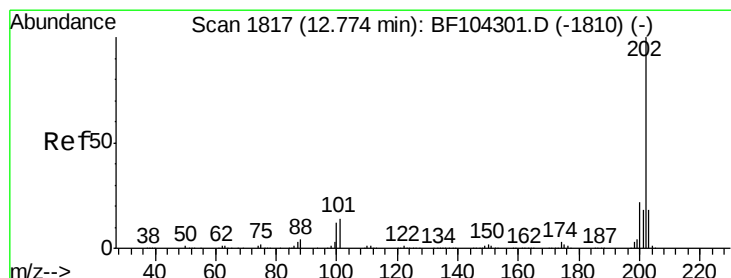
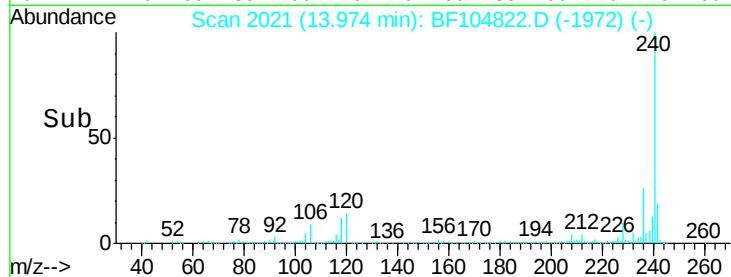
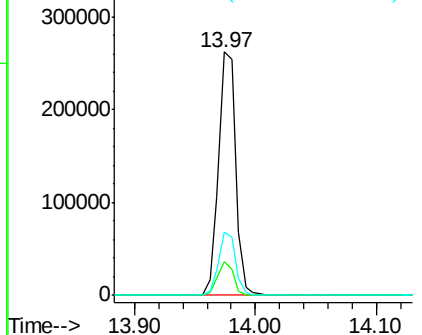
Tot Ion:	240	Resp:	255991
Ion Ratio		Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.0	20.7	31.1

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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: 7.897 ng

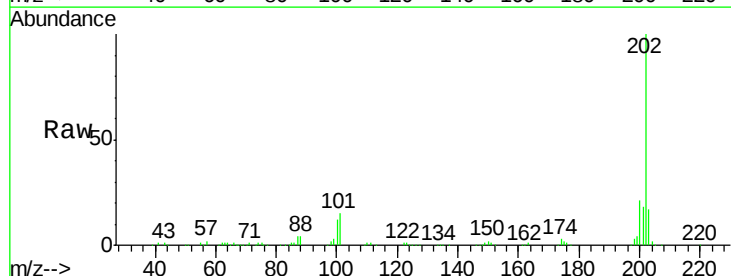
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

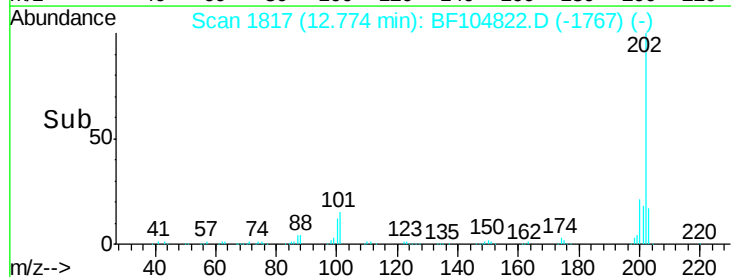
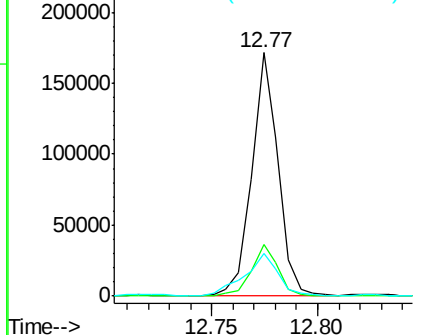
Lab File: BF104822.D

Acq: 26 Apr 2018 7:27

Tgt Ion:	202	Resp:	149851
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.4	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: 45.481 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104822.D

Acq: 26 Apr 2018 7:27

Instrument :

BNA_F

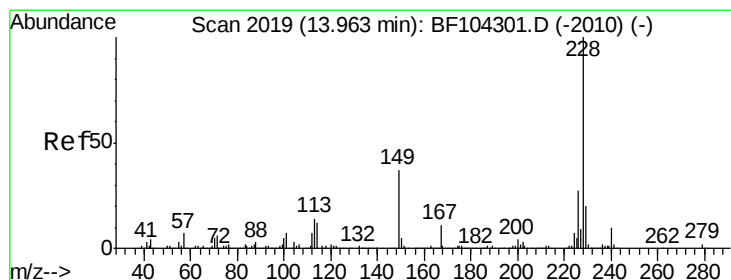
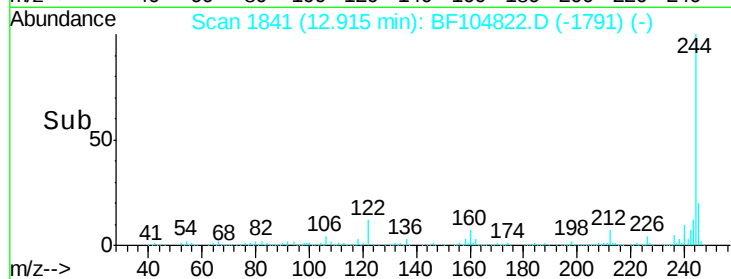
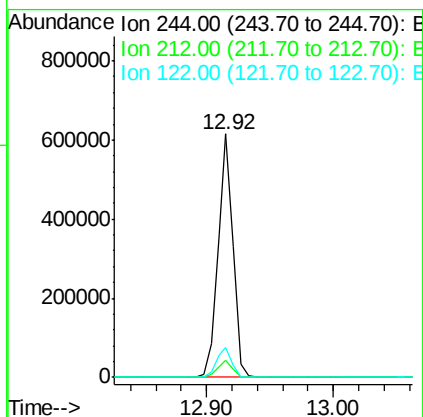
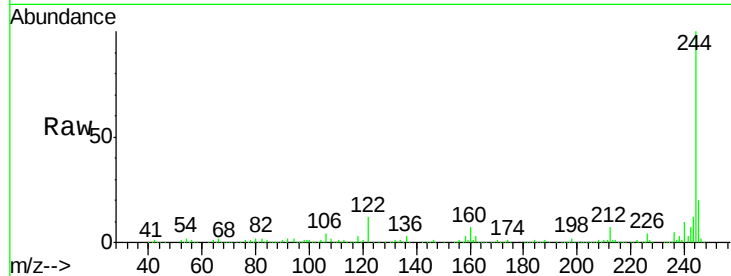
ClientSampleId :

TP-8 4.0-4.5

Tot Ion:	244	Resp:	510688
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 4.615 ng

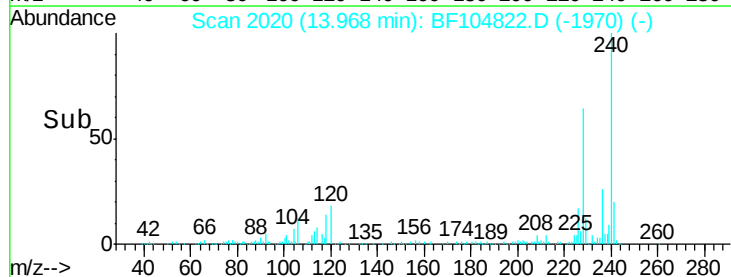
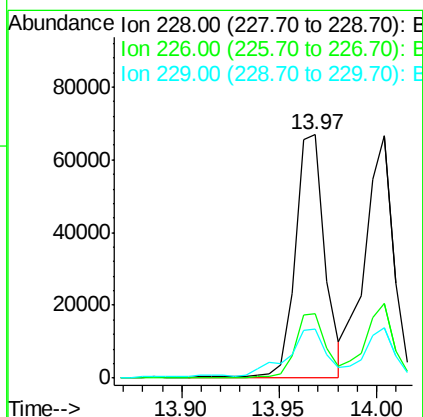
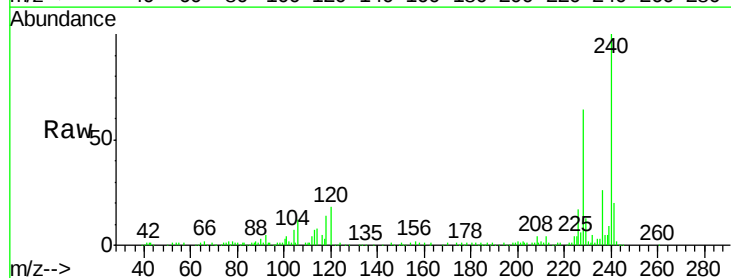
RT: 13.97 min Scan# 2020

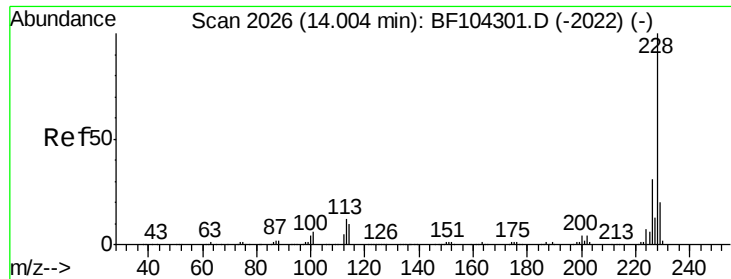
Delta R.T. -0.01 min

Lab File: BF104822.D

Acq: 26 Apr 2018 7:27

Tgt Ion:	228	Resp:	70581
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.6	33.8
229	20.3	15.8	23.6





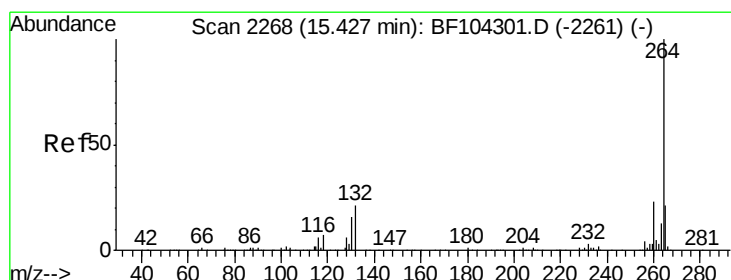
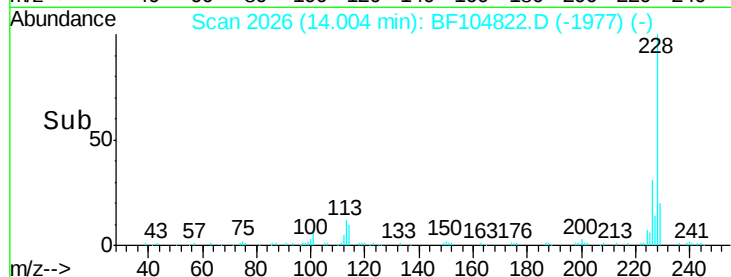
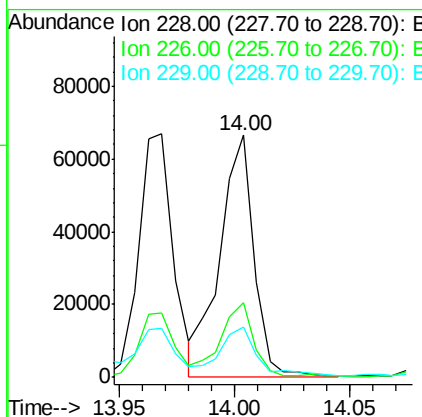
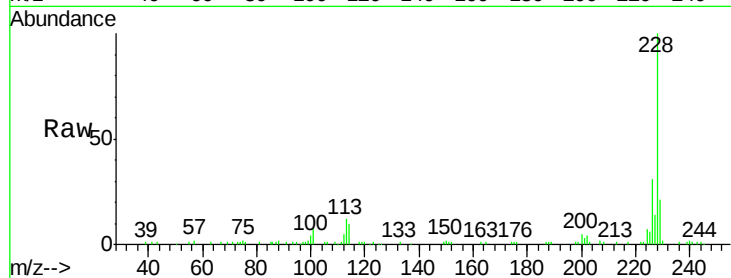
#82
Chrysene
Concen: 4.392 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Instrument :
BNA_F
ClientSampled :
TP-8 4.0-4.5

Tot Ion:228	Resp:	68999
Ion Ratio	Lower	Upper
228 100		
226 30.8	25.0	37.6
229 21.0	16.2	24.4

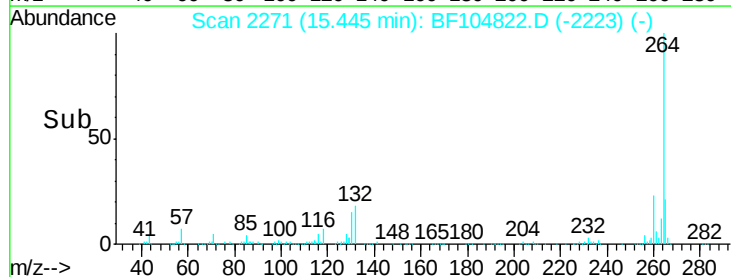
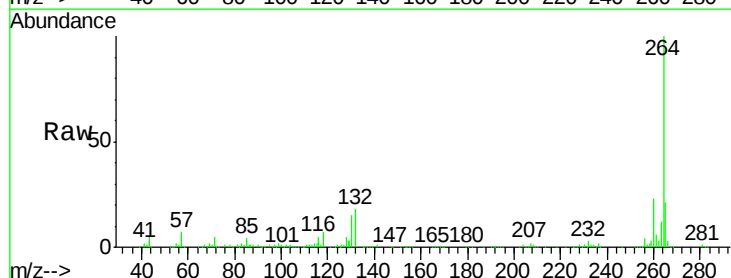
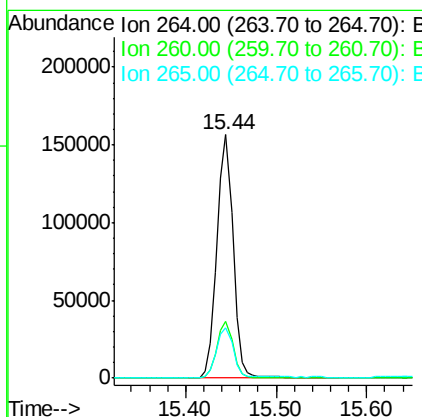
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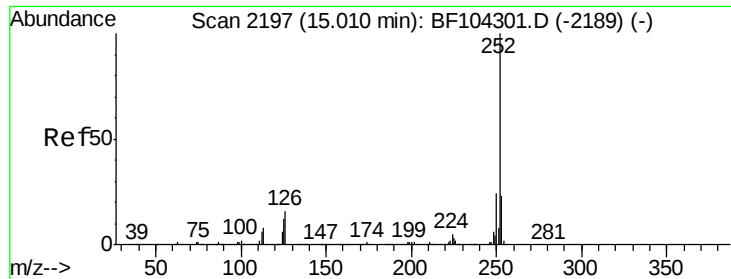
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Tgt Ion:264	Resp:	194150
Ion Ratio	Lower	Upper
264 100		
260 23.4	19.2	28.8
265 20.9	17.5	26.3





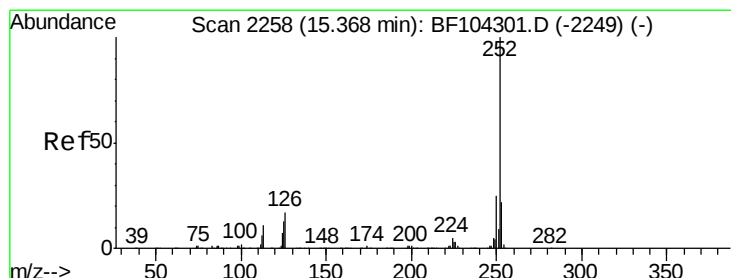
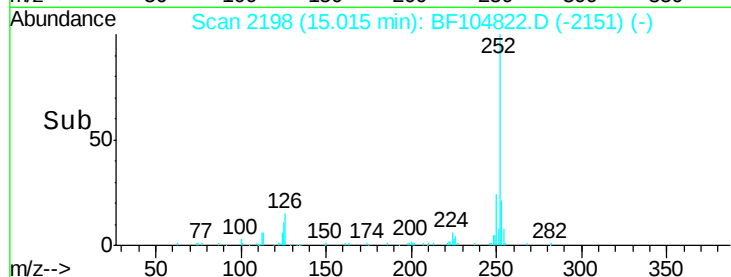
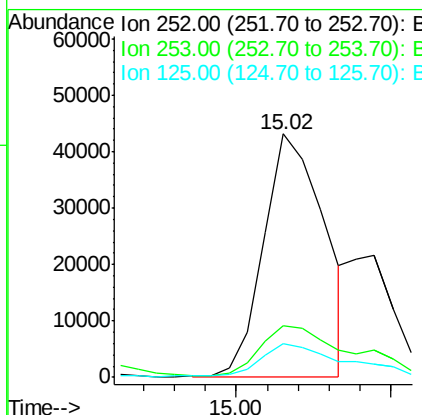
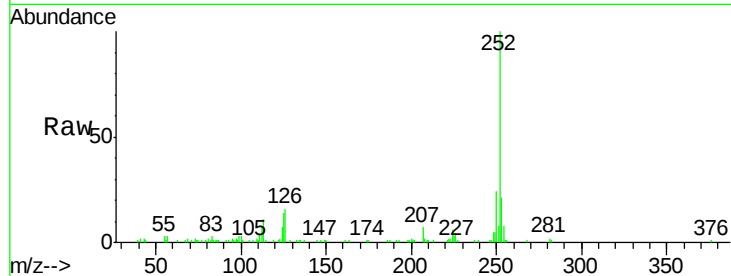
#87
Benzo(b)fluoranthene
Concen: 4.801 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Instrument :
BNA_F
ClientSampleId :
TP-8 4.0-4.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	13.6	9.0	13.6

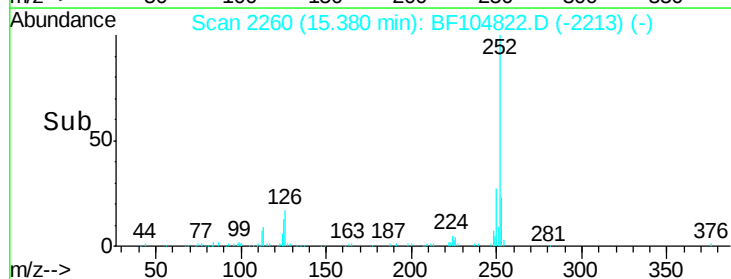
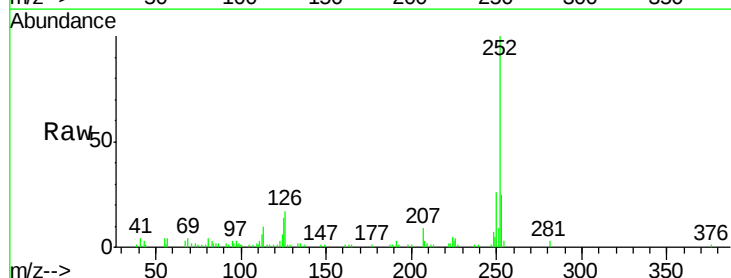
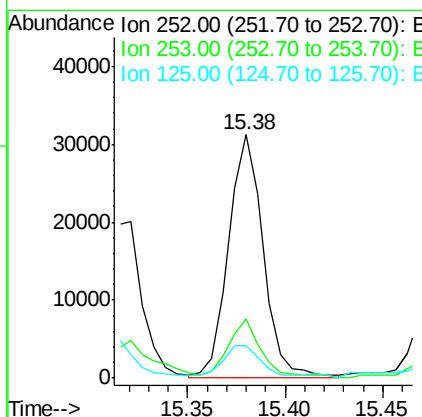
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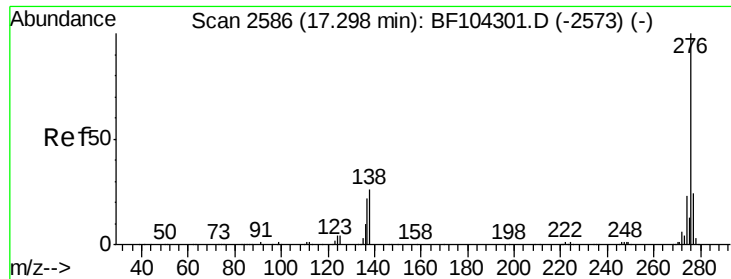
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#89
Benzo(a)pyrene
Concen: 3.526 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF104822.D
Acq: 26 Apr 2018 7:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	13.5	9.8	14.6





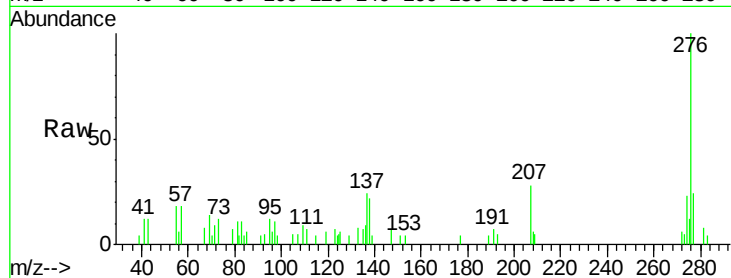
#91
 Benzo(a,h,i)perylene
 Concen: 2.093 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. -0.04 min
 Lab File: BF104822.D
 Acq: 26 Apr 2018 7:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-8 4.0-4.5

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	22.0	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

