

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104598.D
 Acq On : 18 Apr 2018 13:44
 Operator : JU/SJ
 Sample : J2413-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B2-0-6

Manual Integrations
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Sohil
 4/19/2018 12:42:58 PM

Quant Time: Apr 18 15:13:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121376	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	460132	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	173744	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	271271	20.00	ng	0.00
75) Chrysene-d12	13.97	240	281874	20.00	ng	0.00
86) Perylene-d12	15.44	264	300612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	339931	42.82	ng	0.00
7) Phenol-d6	6.43	99	397641	40.77	ng	0.00
23) Nitrobenzene-d5	7.36	82	251001	35.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	68650	38.09	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	411957	37.46	ng	-0.01
78) Terphenyl-d14	12.92	244	318145	25.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	47396	3.459	ng	98
70) Phenanthrene	11.35	178	31832	2.107	ng	98
74) Fluoranthene	12.54	202	75223	4.766	ng	100
77) Pyrene	12.77	202	76941	3.683	ng	98
80) Benzo(a)anthracene	13.96	228	54898m	3.260	ng	
82) Chrysene	14.00	228	62469	3.612	ng	95
85) Indeno(1,2,3-cd)pyrene	16.88	276	37044	2.521	ng	94
87) Benzo(b)fluoranthene	15.01	252	88303m	4.651	ng	
89) Benzo(a)pyrene	15.37	252	60994	3.590	ng	# 92
91) Benzo(g,h,i)perylene	17.32	276	38886	2.877	ng	98

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

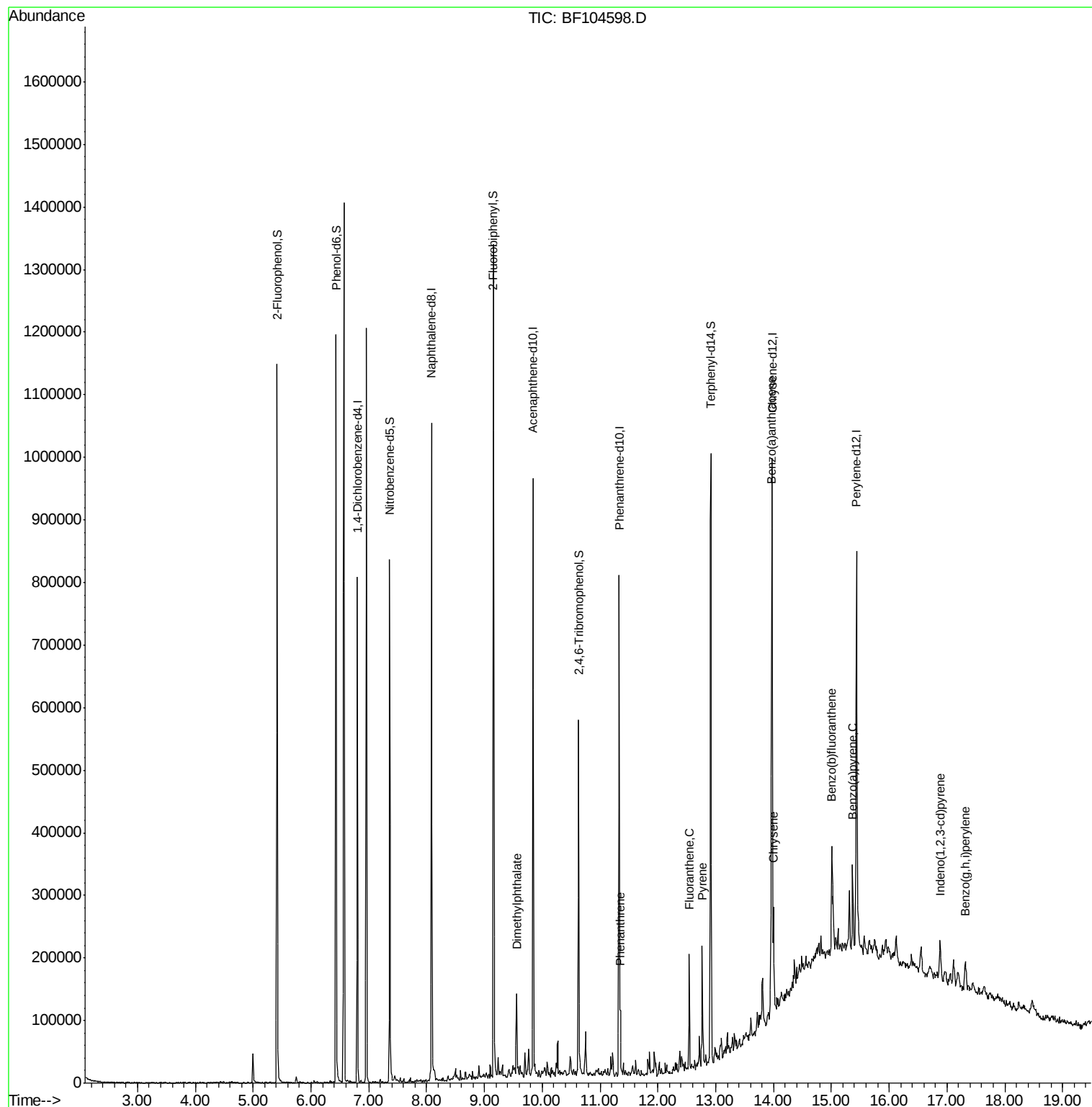
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104598.D
Acq On : 18 Apr 2018 13:44
Operator : JU/SJ
Sample : J2413-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

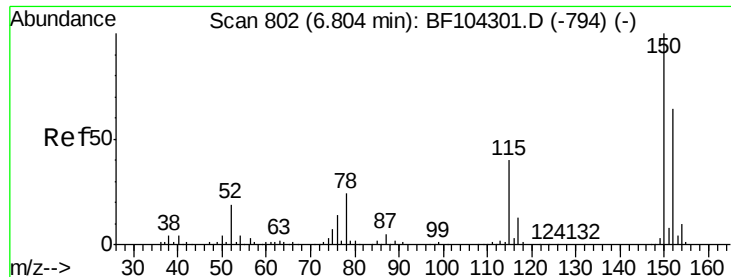
Instrument :
BNA_F
ClientSampleId :
COMP-B2-0-6

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Quant Time: Apr 18 15:13:23 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

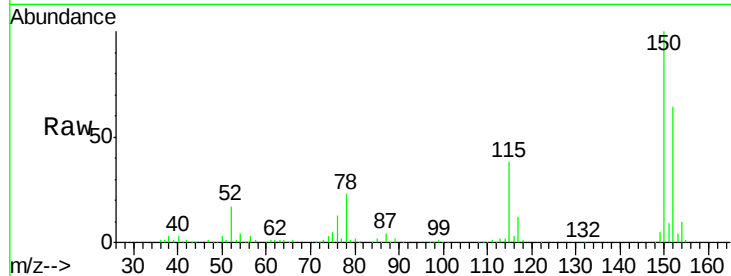
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :
COMP-B2-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.4	50.1	75.1

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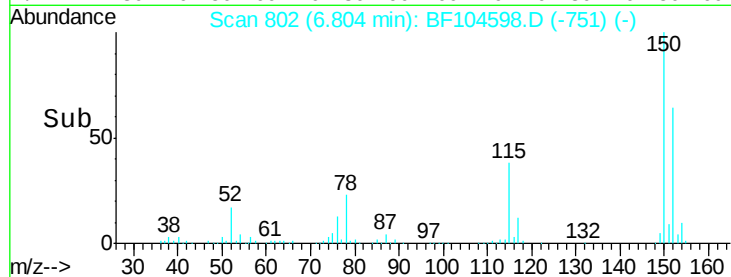
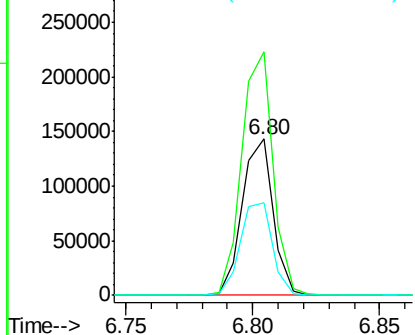


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

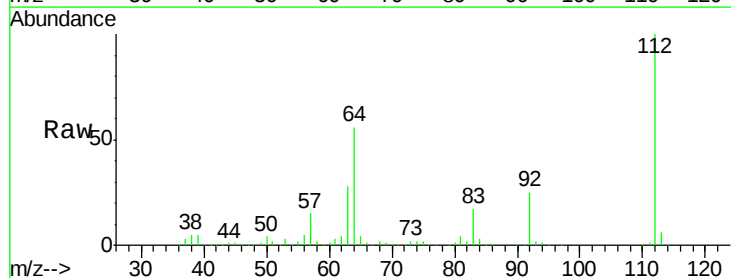
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.823 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.2	23.7	35.5

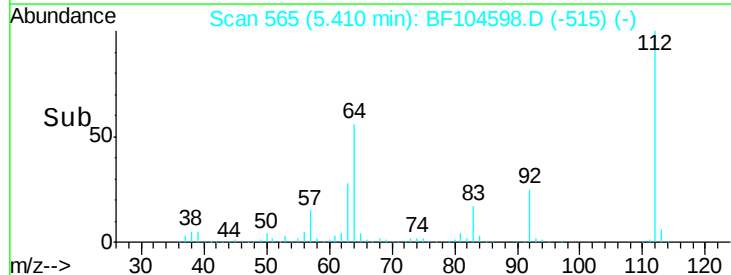
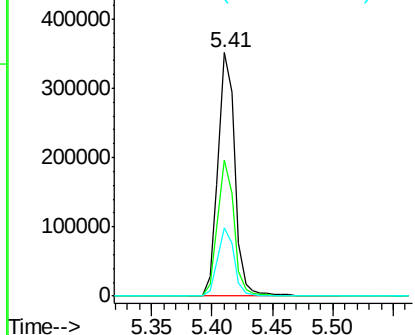


Abundance

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: 40.770 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104598.D

Acq: 18 Apr 2018 13:44

Instrument :

BNA_F

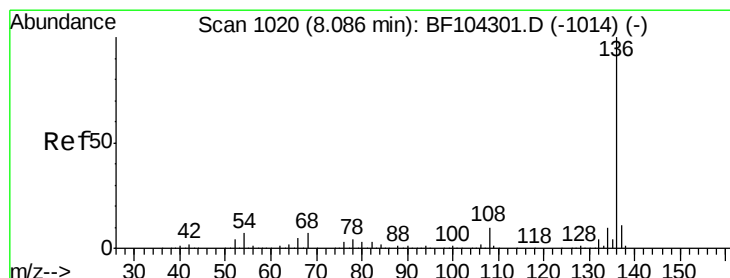
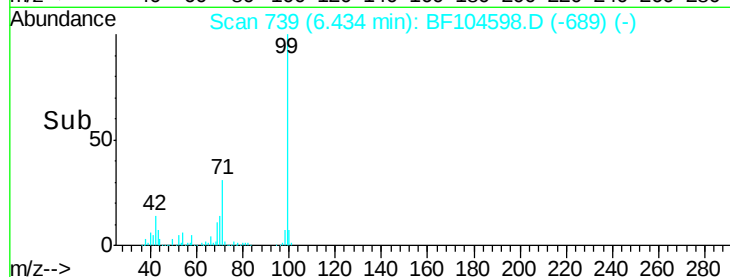
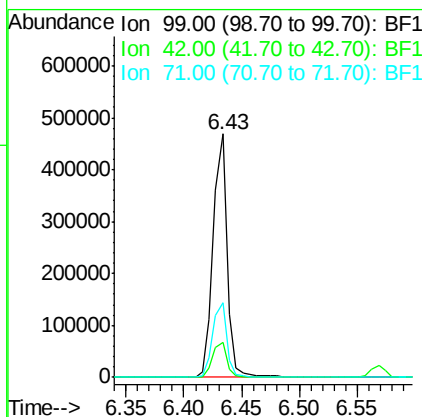
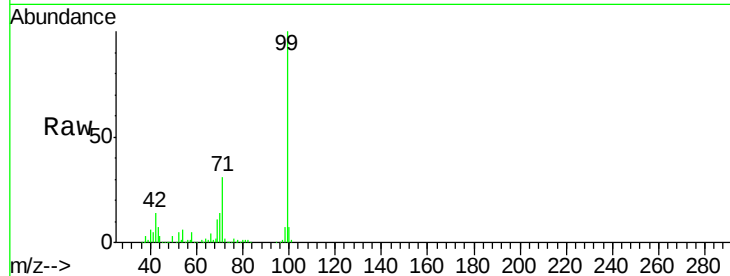
ClientSampleId :

COMP-B2-0-6

Tot Ion:	99	Resp:	397641
Ion Ratio	Lower	Upper	
99	100		
42	14.4	14.5	21.7#
71	30.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

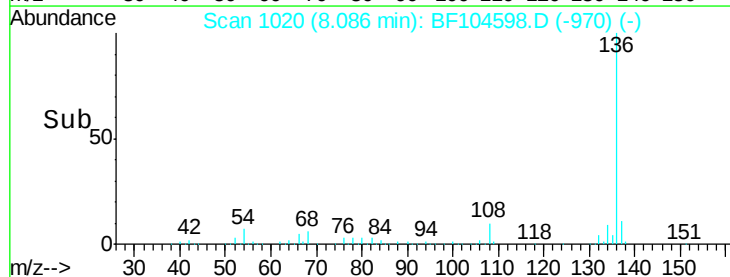
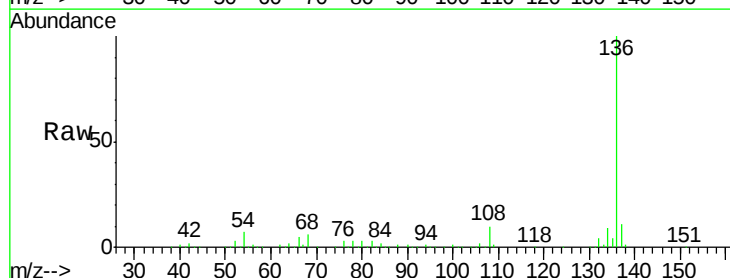
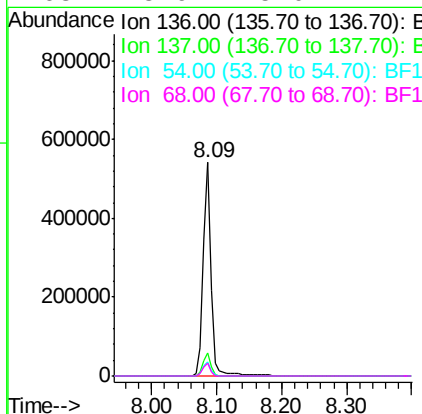
RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104598.D

Acq: 18 Apr 2018 13:44

Tgt Ion:	136	Resp:	460132
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.6	6.6	9.8
68	5.9	5.0	7.4





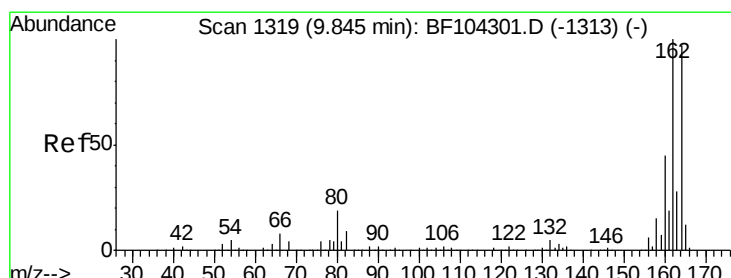
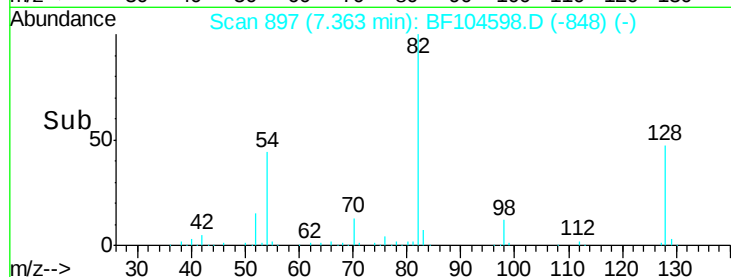
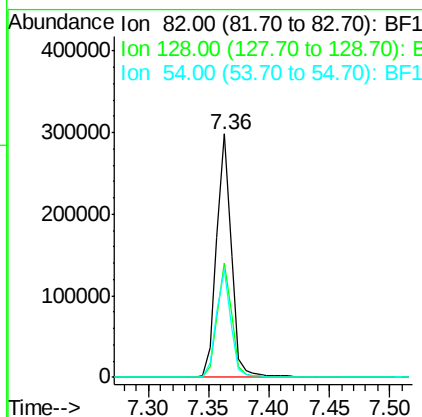
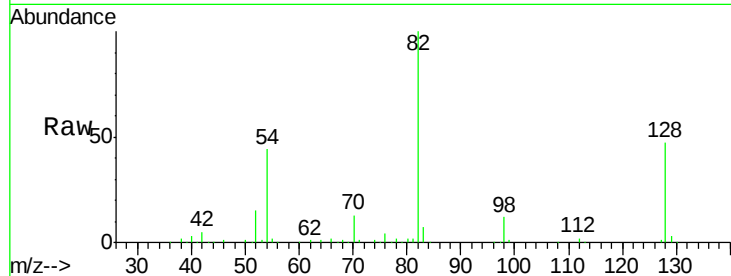
#23
Nitrobenzene-d5
Concen: 35.620 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :
COMP-B2-0-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100	251001		
128	46.7	36.1	54.1	
54	44.2	41.4	62.2	

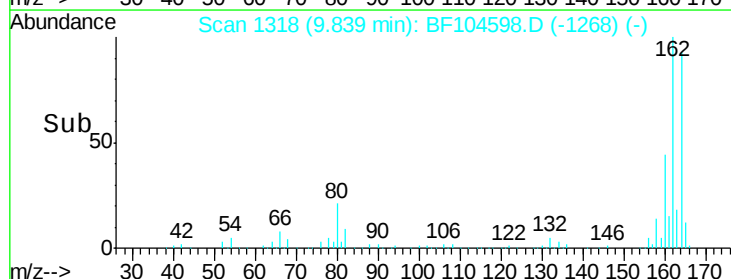
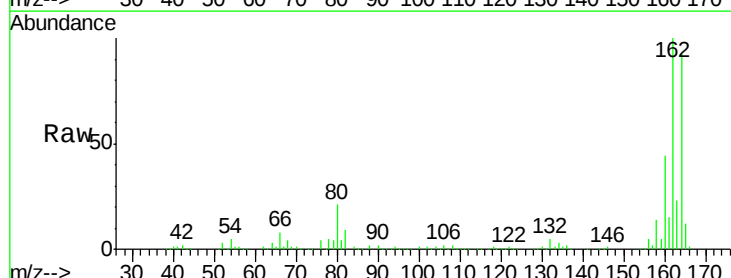
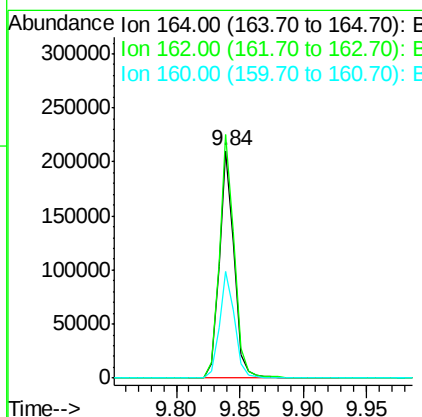
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	173744		
162	107.1	86.1	129.1	
160	46.9	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 38.090 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104598.D

Acq: 18 Apr 2018 13:44

Instrument :

BNA_F

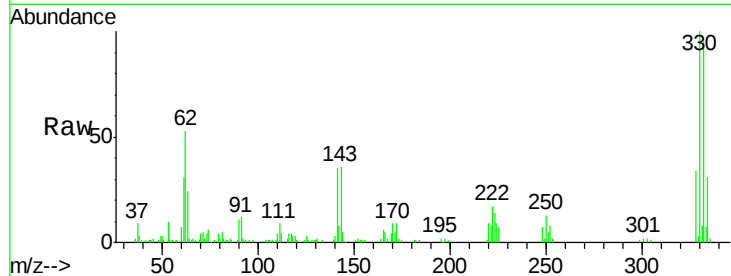
ClientSampleId :

COMP-B2-0-6

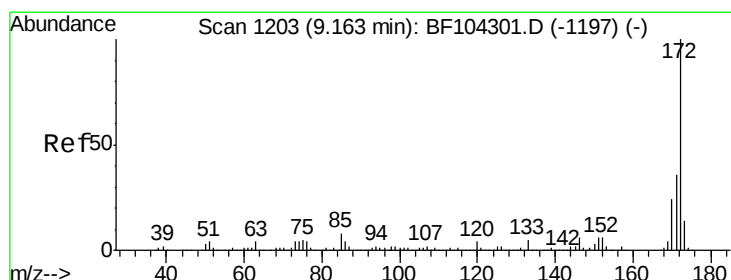
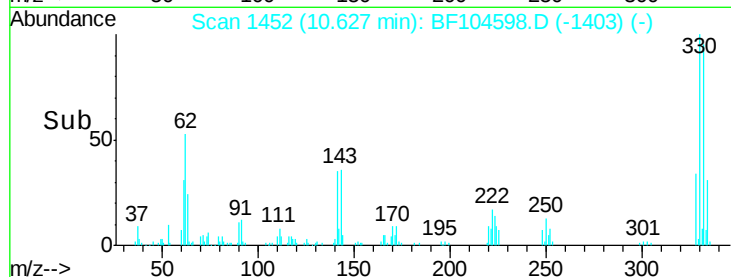
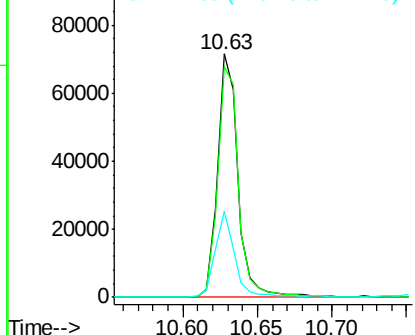
Tot Ion:	330	Resp:	68650
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	34.3	29.9	44.9

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



#44

2-Fluorobiphenyl

Concen: 37.457 ng

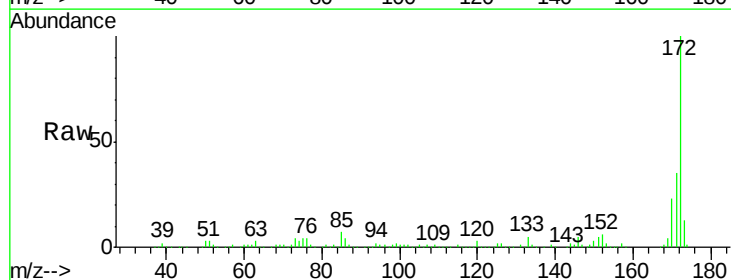
RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

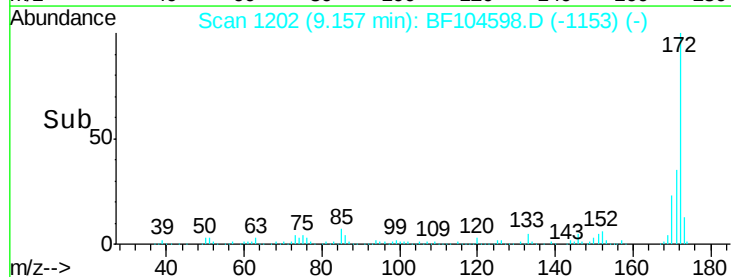
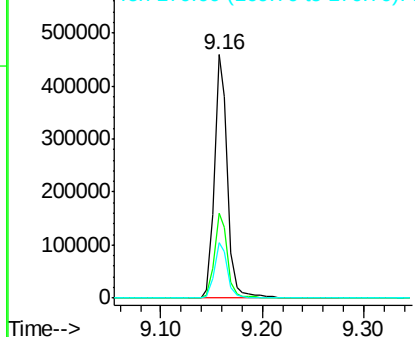
Lab File: BF104598.D

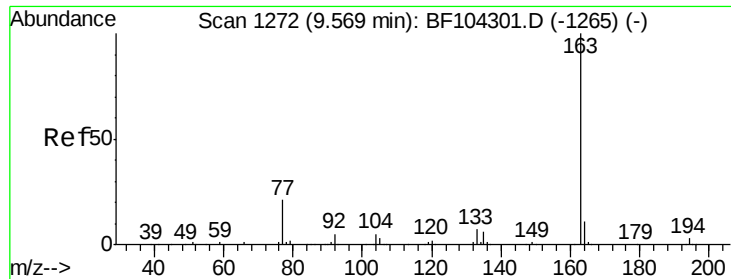
Acq: 18 Apr 2018 13:44

Tgt Ion:	172	Resp:	411957
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.7	44.5
170	22.8	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





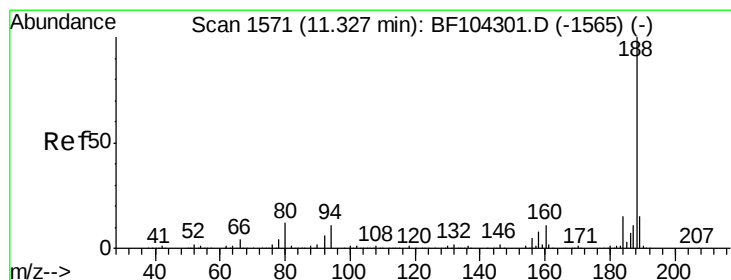
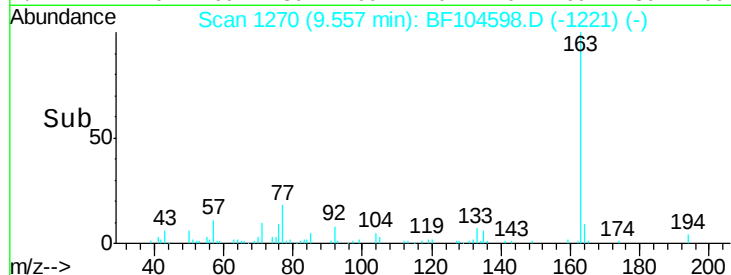
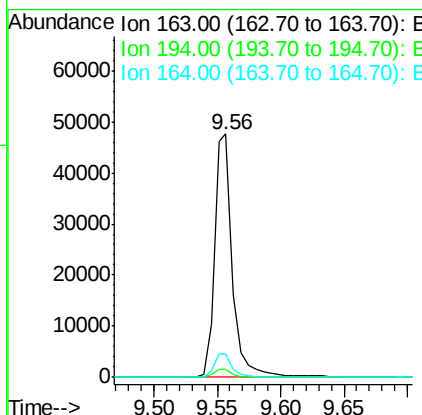
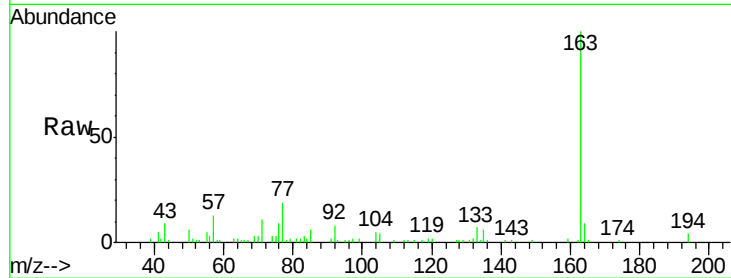
#49
Dimethylphthalate
Concen: 3.459 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :
COMP-B2-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.4	8.2	12.2

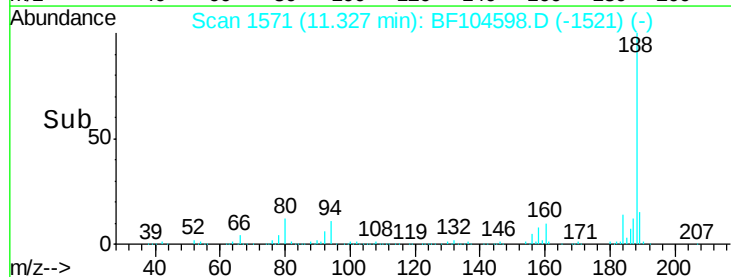
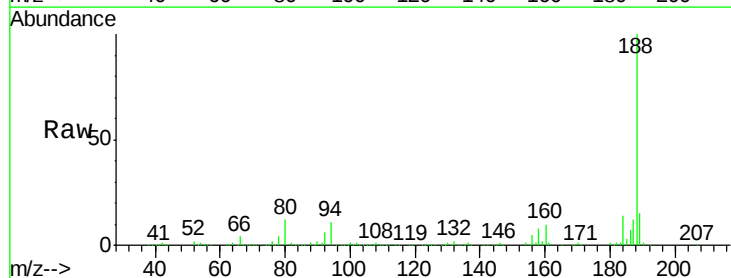
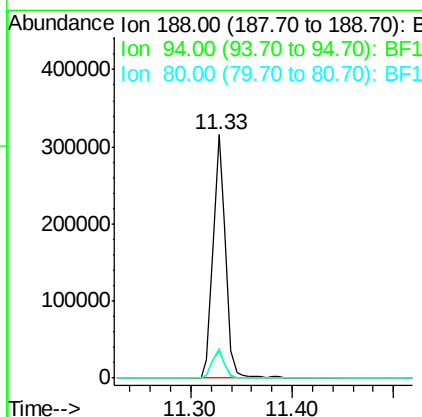
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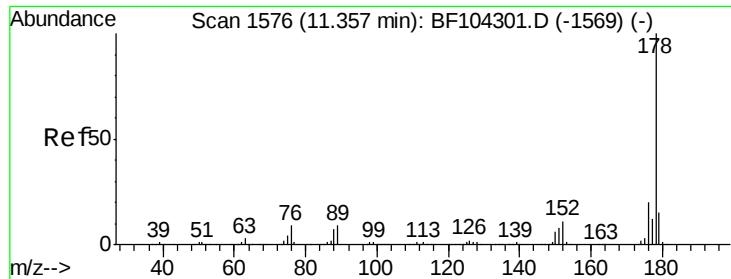
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.4	9.2	13.8





#70

Phenanthrene

Concen: 2.107 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF104598.D

Acq: 18 Apr 2018 13:44

Instrument :

BNA_F

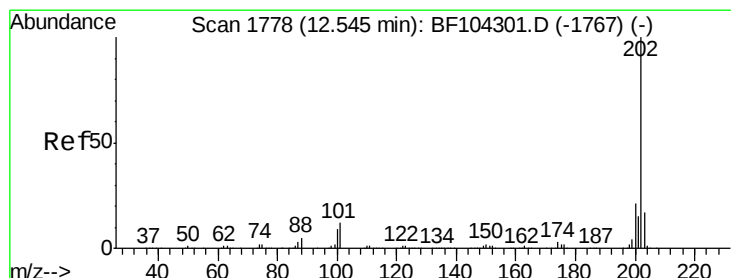
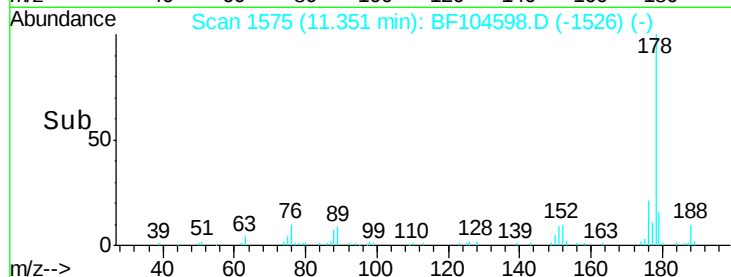
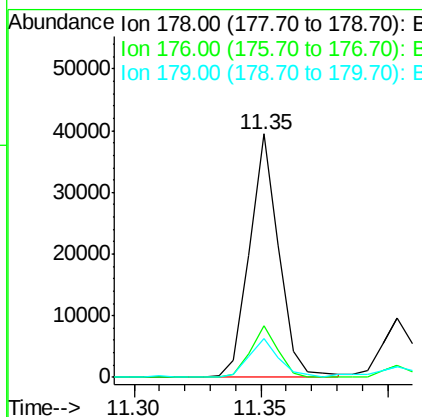
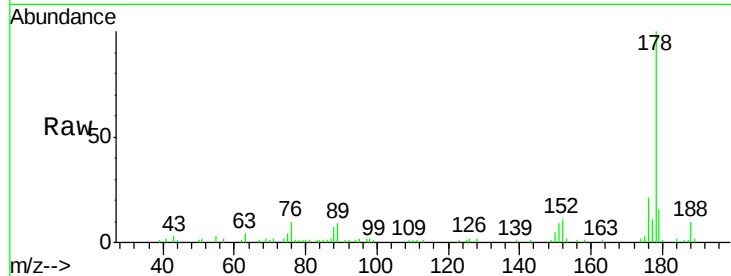
ClientSampleId :

COMP-B2-0-6

Tot Ion:	178	Resp:	31832
Ion Ratio	Lower	Upper	
178	100		
176	21.0	15.8	23.8
179	15.7	13.0	19.6

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#74

Fluoranthene

Concen: 4.766 ng

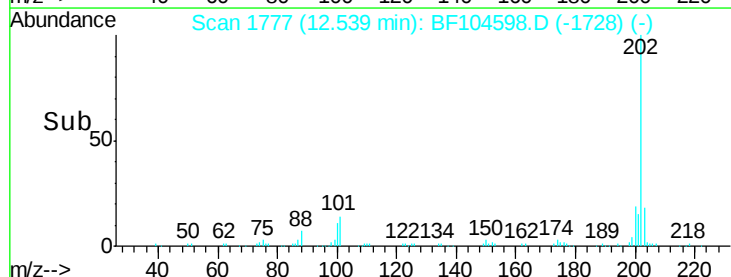
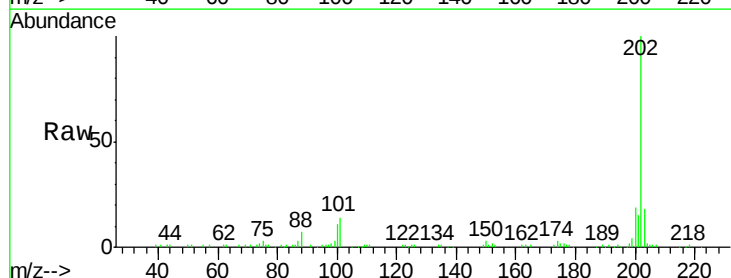
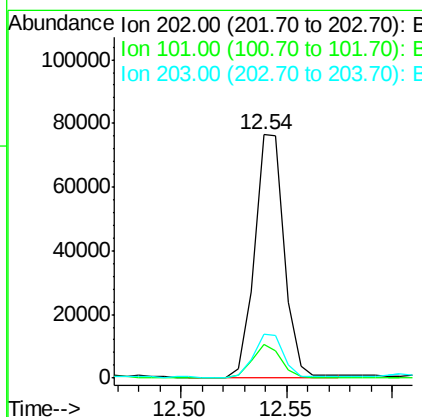
RT: 12.54 min Scan# 1777

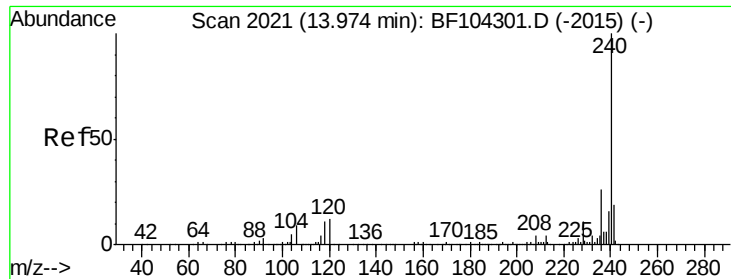
Delta R.T. -0.01 min

Lab File: BF104598.D

Acq: 18 Apr 2018 13:44

Tgt Ion:	202	Resp:	75223
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104598.D

Acq: 18 Apr 2018 13:44

Instrument :

BNA_F

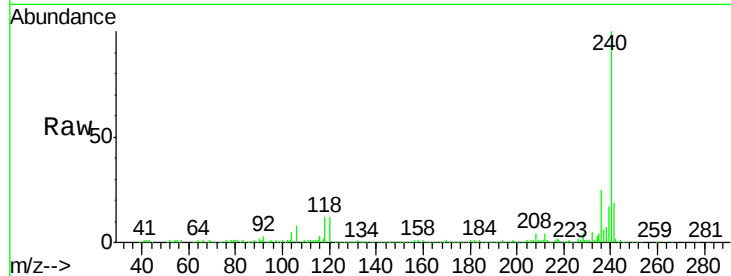
ClientSampleId :

COMP-B2-0-6

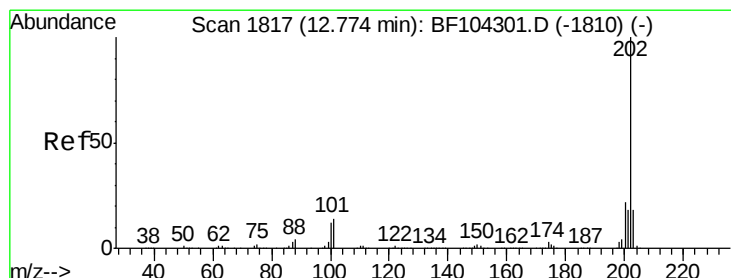
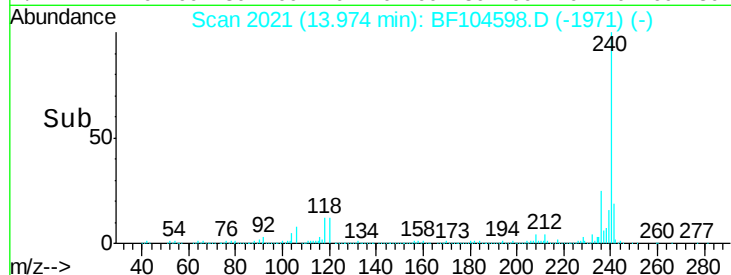
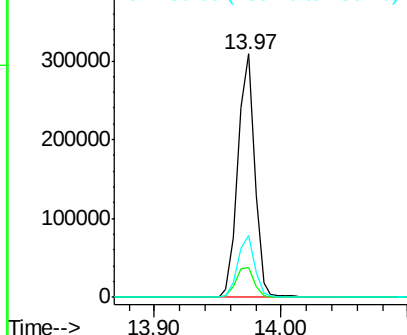
Tot Ion:	240	Resp:	281874
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	25.5	20.7	31.1

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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: 3.683 ng

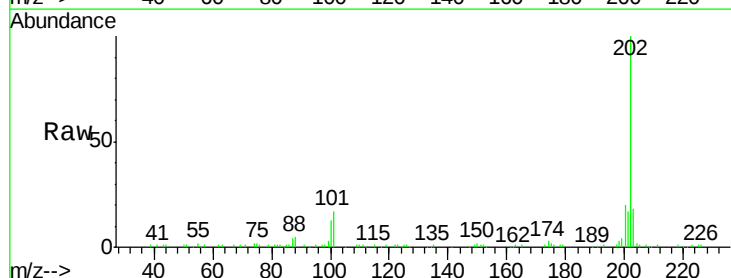
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

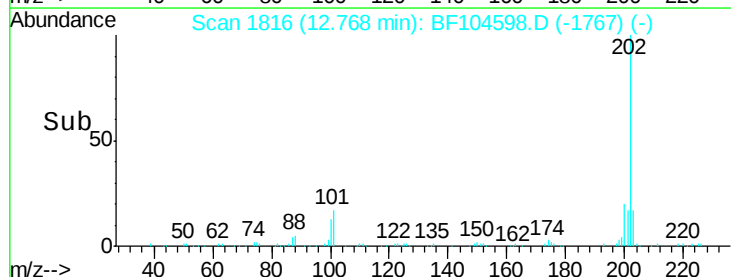
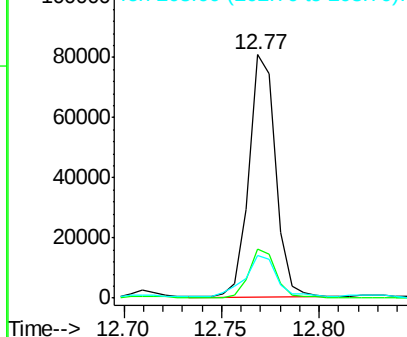
Lab File: BF104598.D

Acq: 18 Apr 2018 13:44

Tgt Ion:	202	Resp:	76941
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	17.7	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





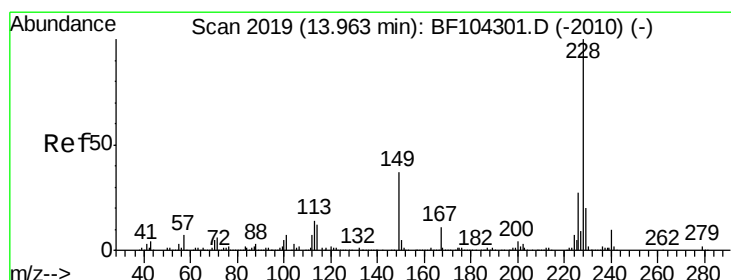
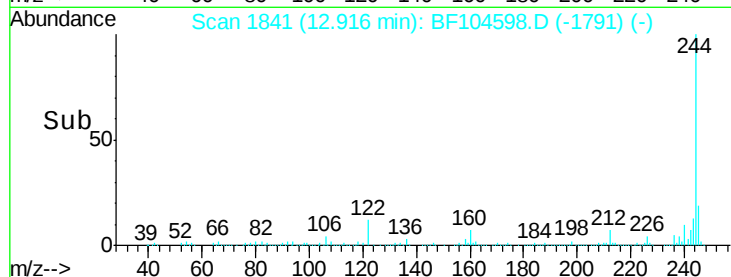
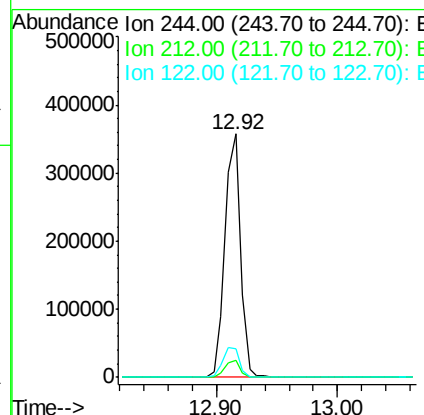
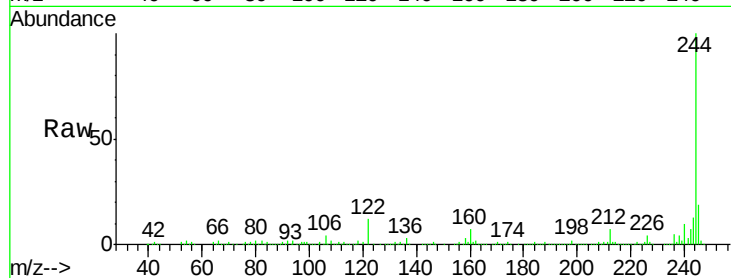
#78
 Terphenyl-d14
 Concen: 25.732 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104598.D
 Acq: 18 Apr 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B2-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	11.0	16.4

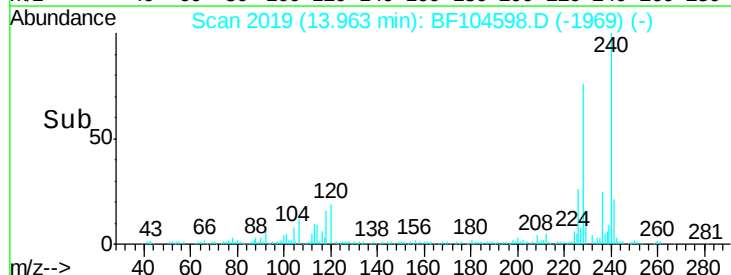
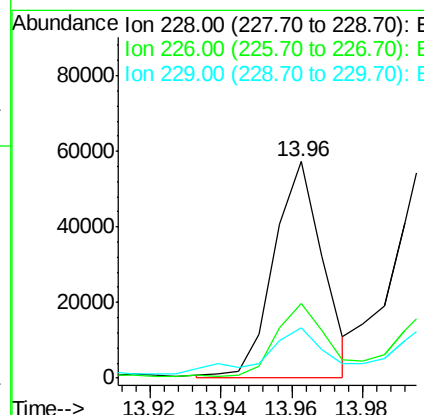
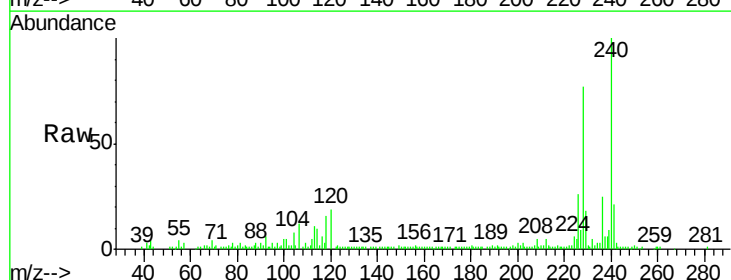
Manual Integrations
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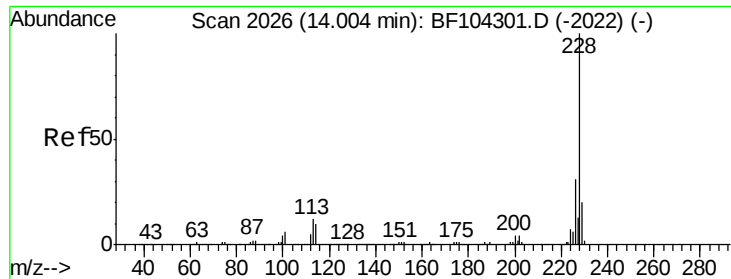
Sohil
 4/19/2018 12:42:58 PM



#80
 Benzo(a)anthracene
 Concen: 3.260 ng m
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF104598.D
 Acq: 18 Apr 2018 13:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	22.6	33.8#
229	23.2	15.8	23.6





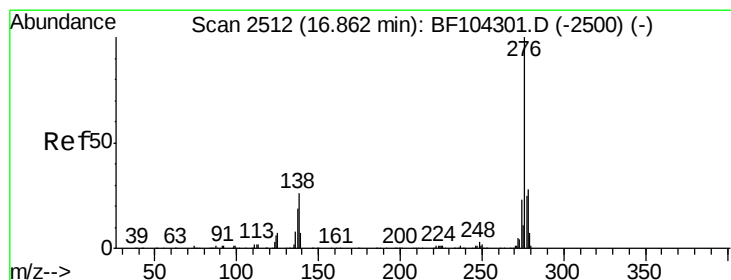
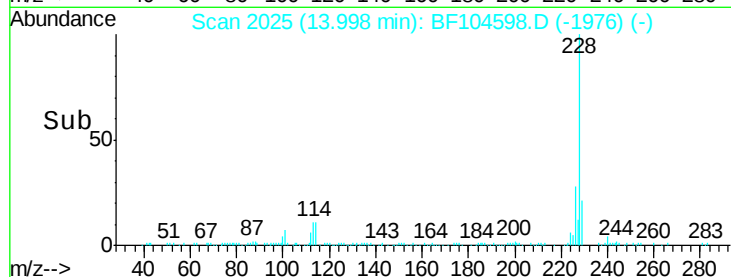
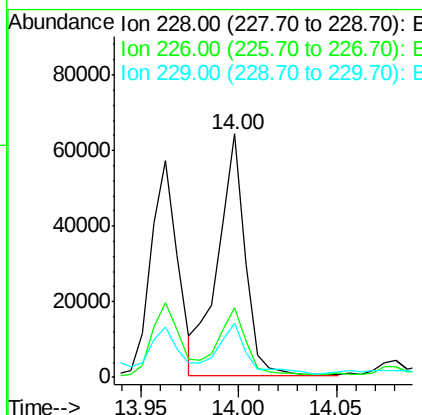
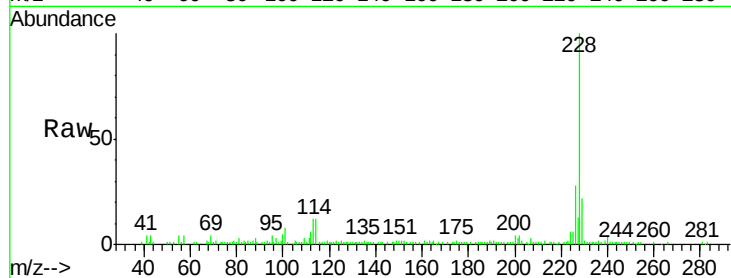
#82
Chrysene
Concen: 3.612 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :
COMP-B2-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.0	37.6
229	22.1	16.2	24.4

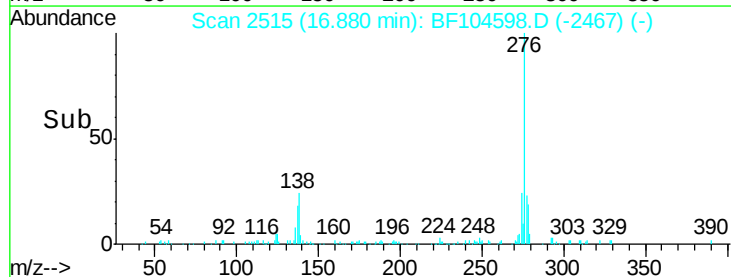
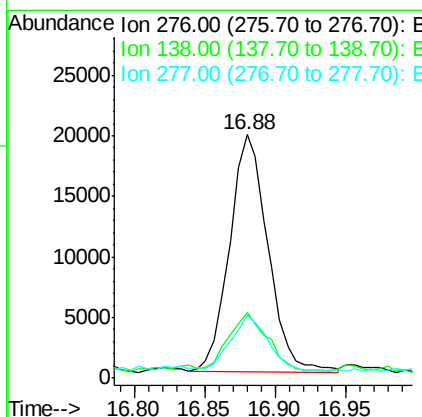
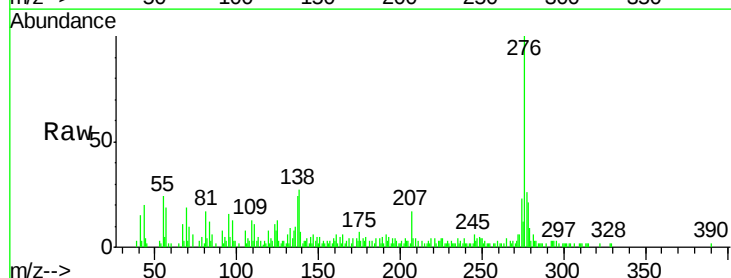
Manual Integrations
APPROVED

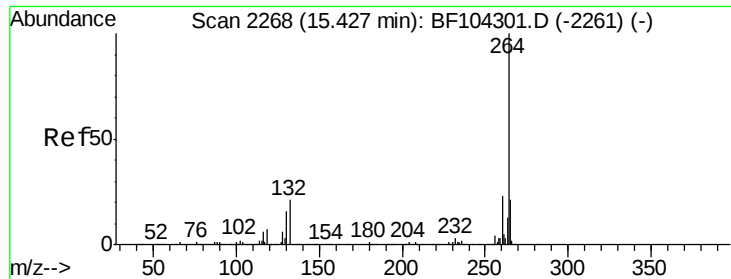
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.521 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.0	37.6
277	23.4	20.1	30.1





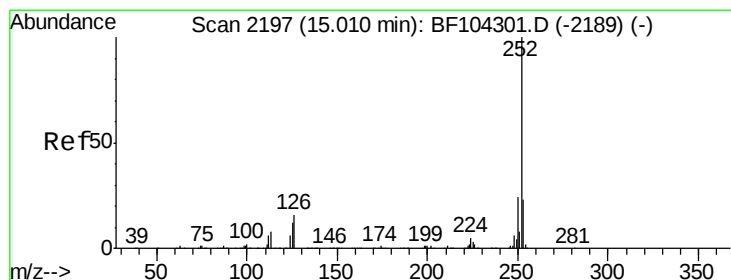
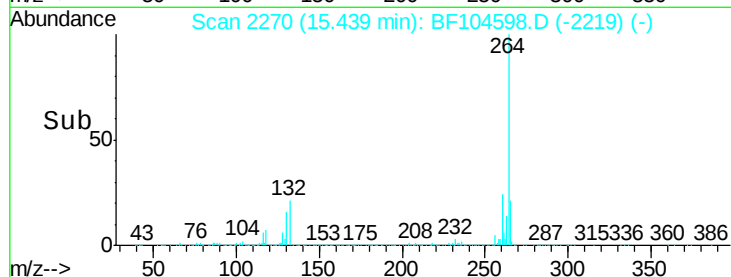
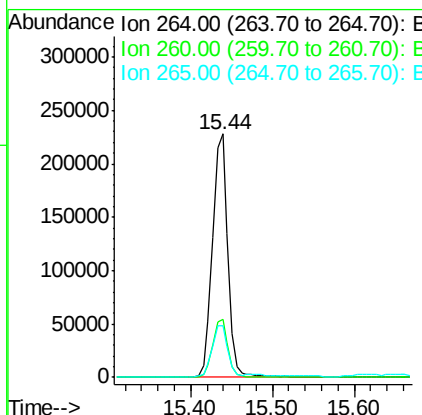
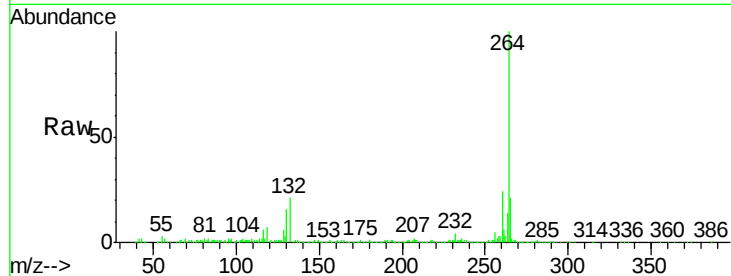
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :
COMP-B2-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3

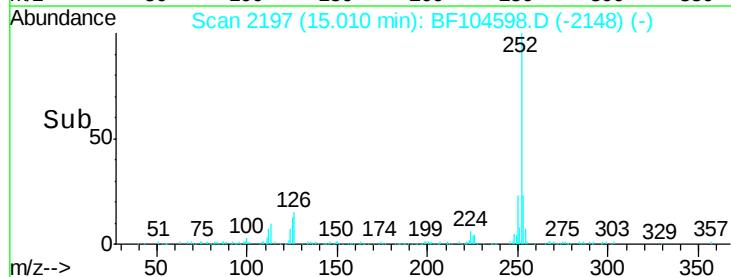
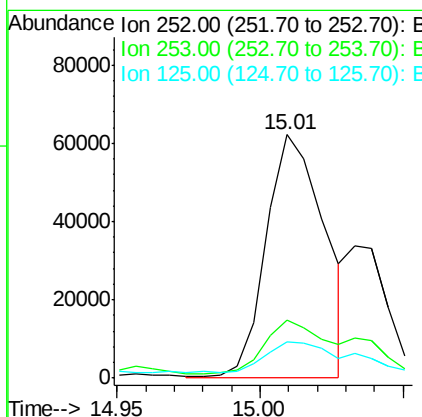
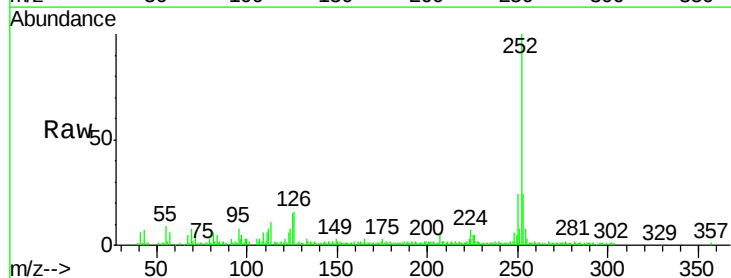
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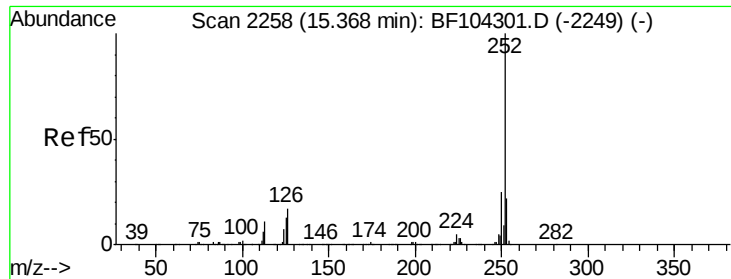
Sohil
4/19/2018 12:42:58 PM



#87
Benzo(b)fluoranthene
Concen: 4.651 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	15.0	9.0	13.6#





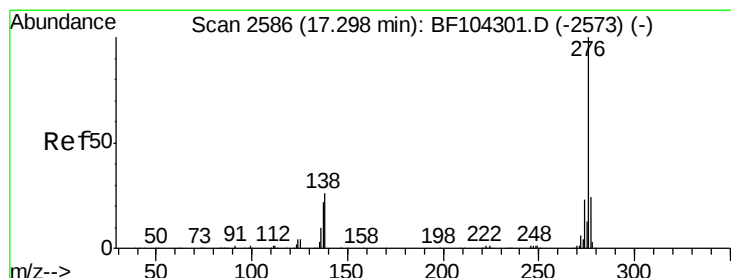
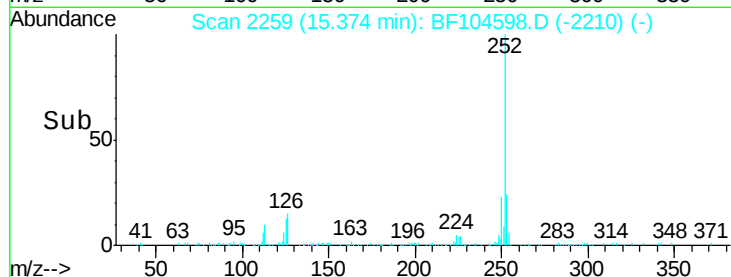
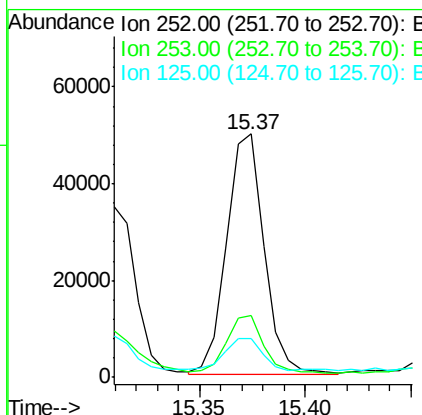
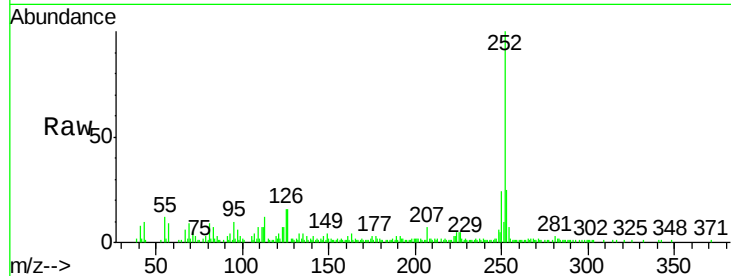
#89
Benzo(a)pyrene
Concen: 3.590 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Instrument :
BNA_F
ClientSampleId :
COMP-B2-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	15.7	9.8	14.6

Manual Integrations
APPROVED

Sohil
4/19/2018 12:42:58 PM



#91
Benzo(g,h,i)perylene
Concen: 2.877 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.02 min
Lab File: BF104598.D
Acq: 18 Apr 2018 13:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	27.5	21.8	32.8

