

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104541.D
 Acq On : 16 Apr 2018 19:07
 Operator : JU/SJ
 Sample : J2395-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-1-2-DENSE-GRADE-AGG-RCA

Manual Integrations
 APPROVED

Sohil
 4/17/2018 10:09:01 AM

Quant Time: Apr 17 01:11:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	157907	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	642889	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	293159	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	492006	20.00	ng	0.00
75) Chrysene-d12	13.99	240	298386	20.00	ng	0.00
86) Perylene-d12	15.45	264	321887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	50074	4.85	ng	0.00
7) Phenol-d6	6.44	99	490562	38.66	ng	-0.01
23) Nitrobenzene-d5	7.37	82	721287	73.26	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	584	0.19	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1241696	66.91	ng	0.00
78) Terphenyl-d14	12.93	244	1021453	78.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	215288	9.313	ng	100
70) Phenanthrene	11.36	178	122839	4.483	ng	97
74) Fluoranthene	12.55	202	133029	4.647	ng	99
77) Pyrene	12.78	202	117700	5.322	ng	97
80) Benzo(a)anthracene	13.97	228	47032	2.638	ng	95
82) Chrysene	14.01	228	46732	2.552	ng	98
87) Benzo(b)fluoranthene	15.02	252	55212m	2.716	ng	
89) Benzo(a)pyrene	15.39	252	42358	2.329	ng	# 92
91) Benzo(g,h,i)perylene	17.34	276	30732	2.123	ng	94

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

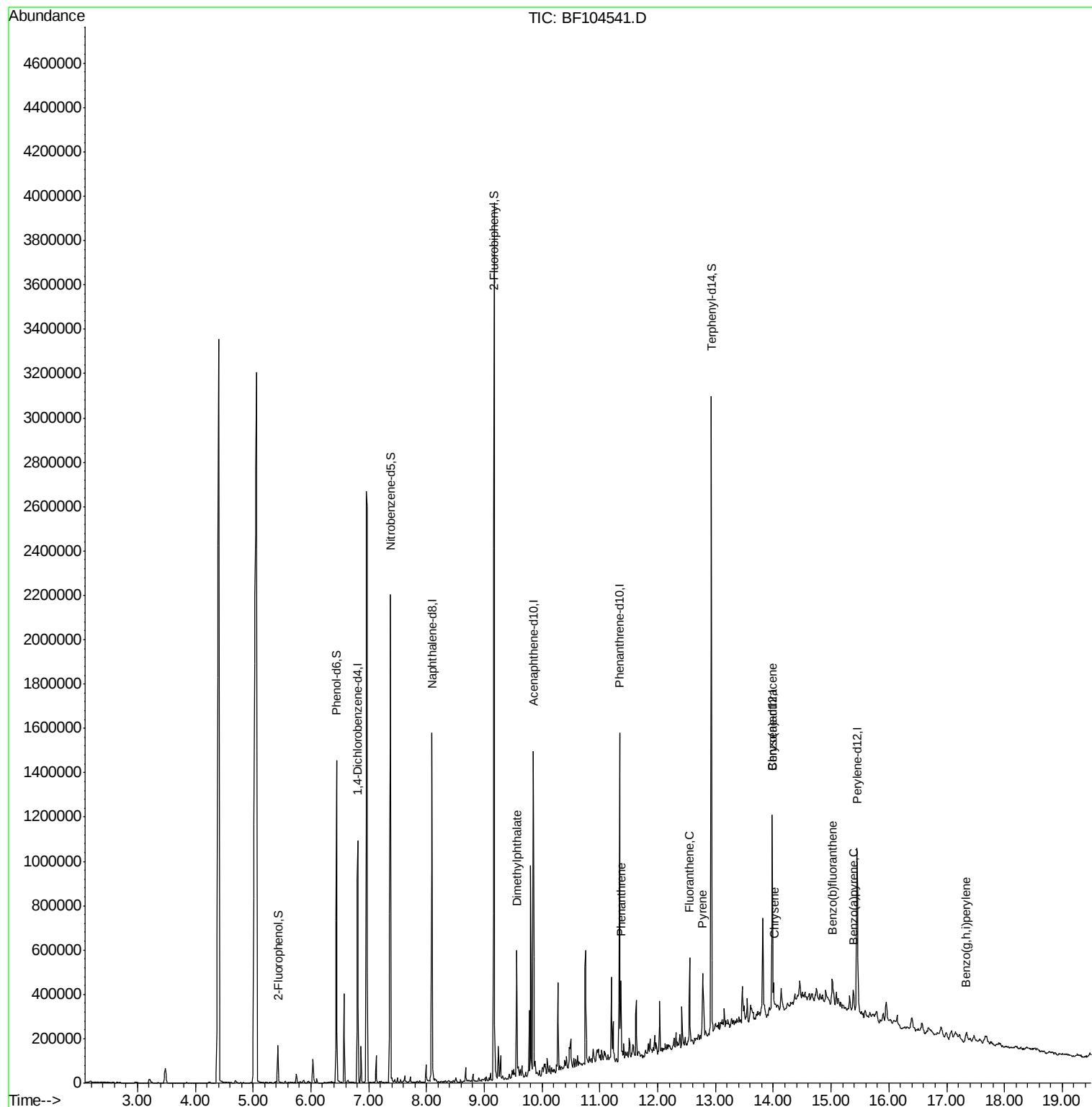
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104541.D
Acq On : 16 Apr 2018 19:07
Operator : JU/SJ
Sample : J2395-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

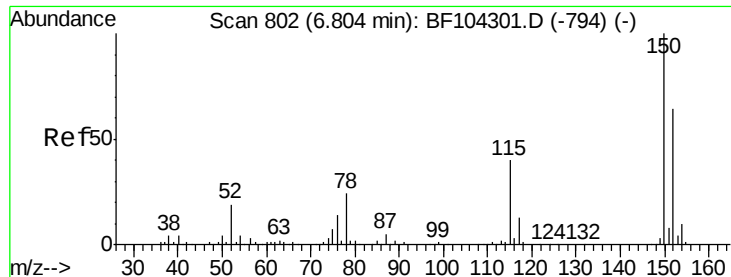
Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

Manual Integrations
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4/17/2018 10:09:01 AM

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#1

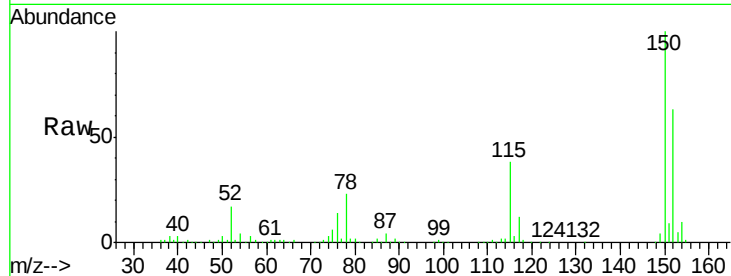
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104541.D
Acq: 16 Apr 2018 19:07

Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	60.8	50.1	75.1

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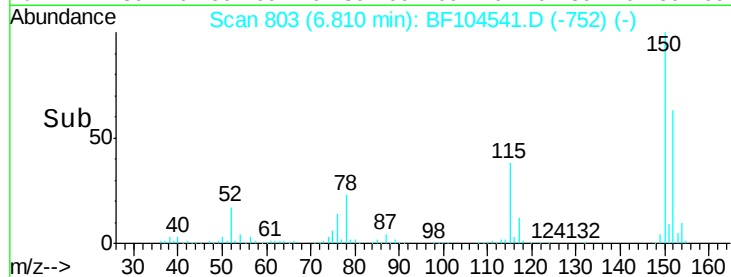
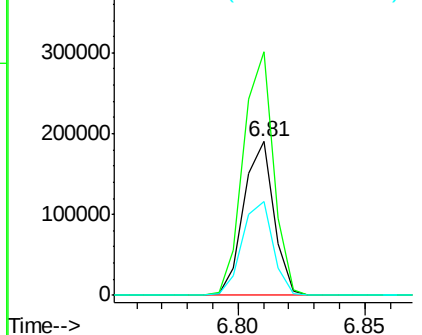


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

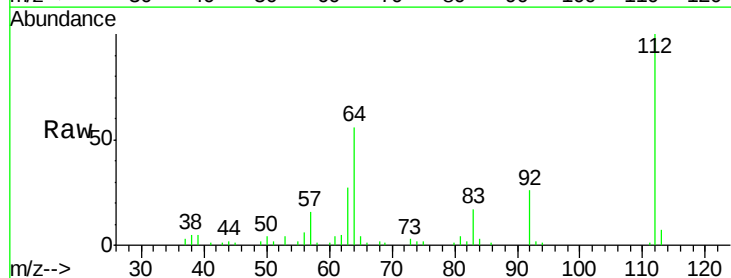
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.849 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104541.D
Acq: 16 Apr 2018 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	27.4	23.7	35.5

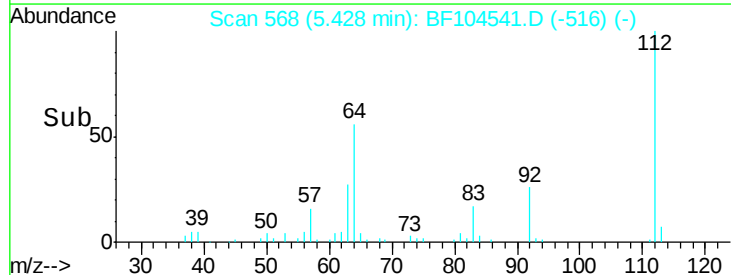
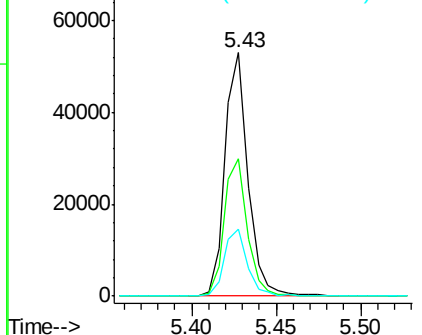


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 38.662 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104541.D

Acq: 16 Apr 2018 19:07

Instrument :

BNA_F

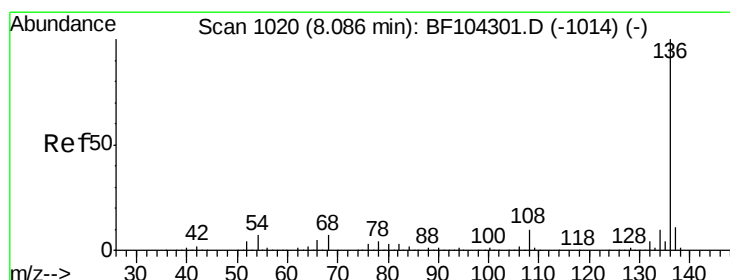
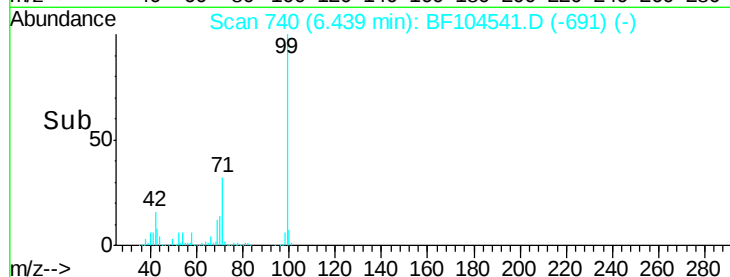
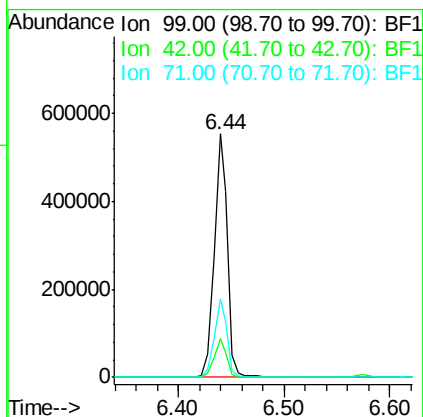
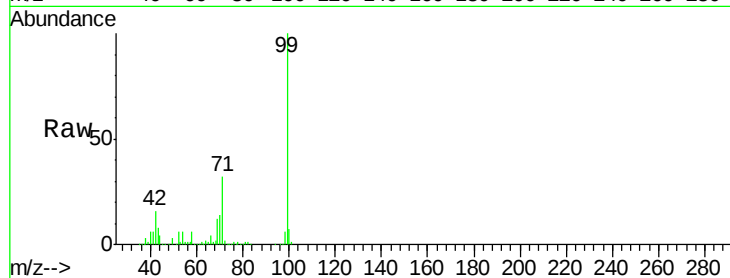
ClientSampleId :

2-1-2-DENSE-GRADE-AGG-RCA

Tot Ion:	99	Resp:	490562
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	32.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

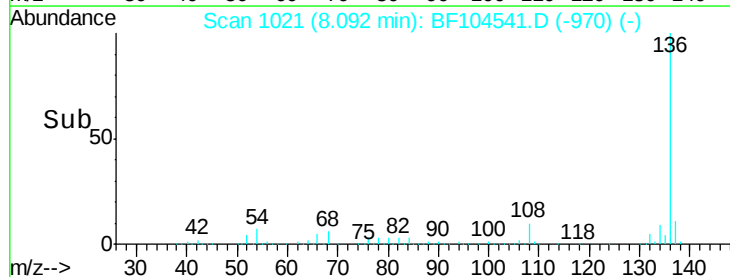
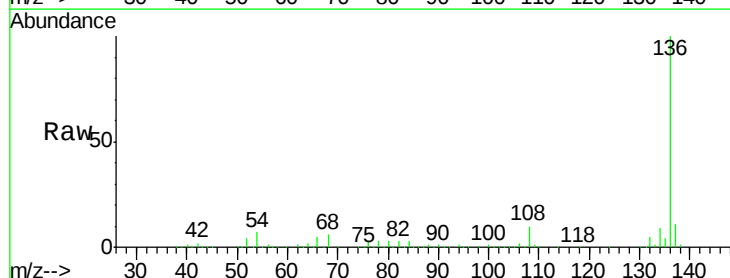
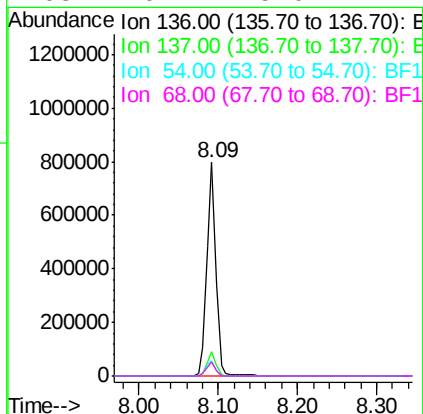
RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104541.D

Acq: 16 Apr 2018 19:07

Tgt Ion:	136	Resp:	642889
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.2	6.6	9.8
68	6.4	5.0	7.4





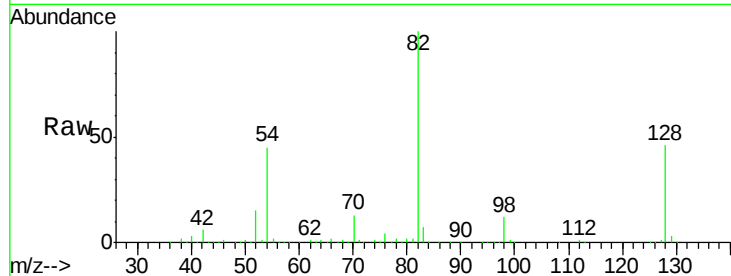
#23
Nitrobenzene-d5
Concen: 73.261 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104541.D
Acq: 16 Apr 2018 19:07

Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

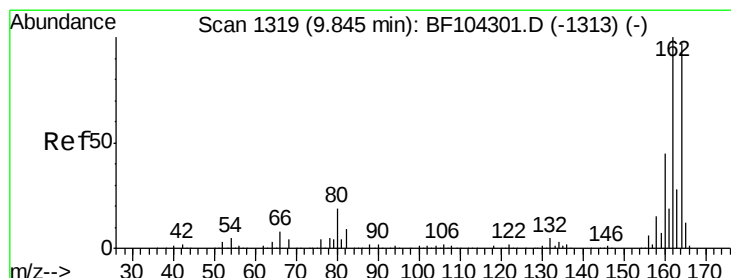
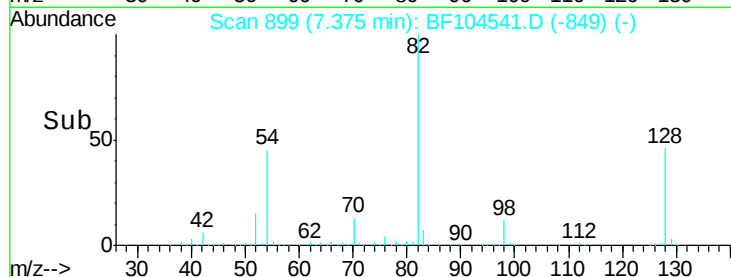
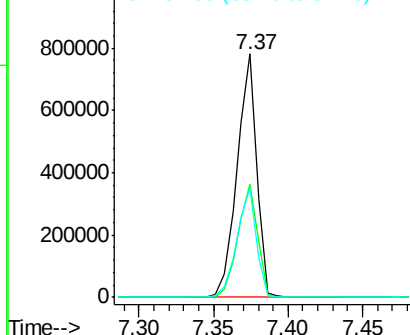
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	45.0	41.4	62.2

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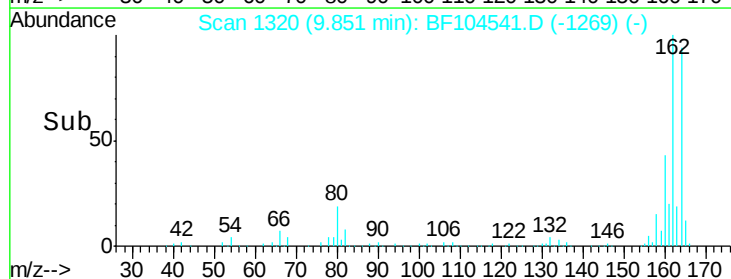
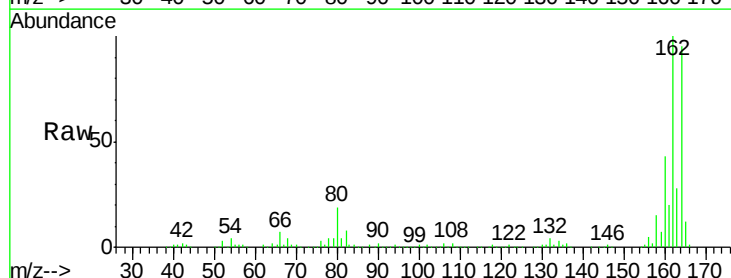
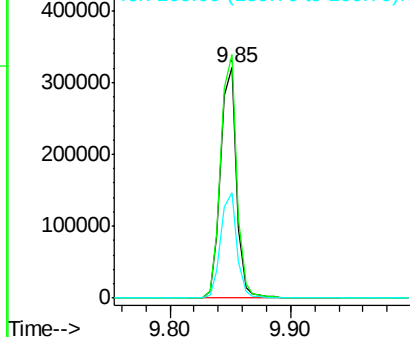
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104541.D
Acq: 16 Apr 2018 19:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.9	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





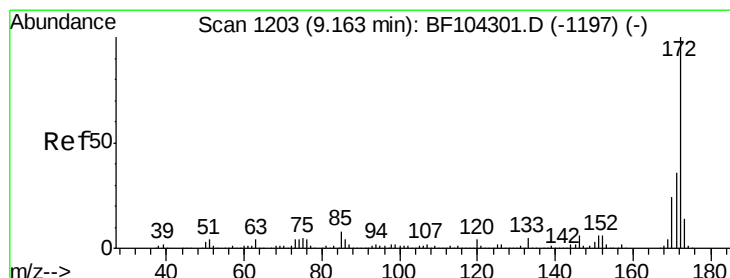
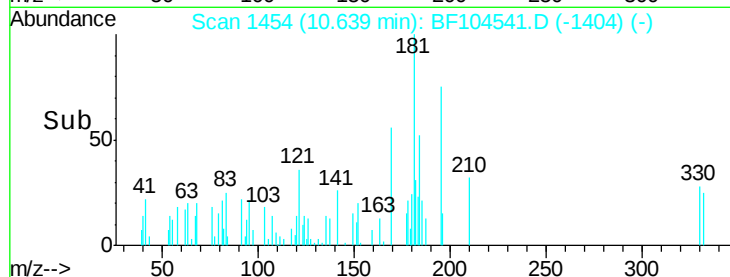
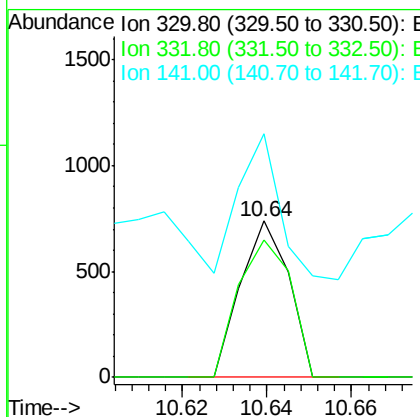
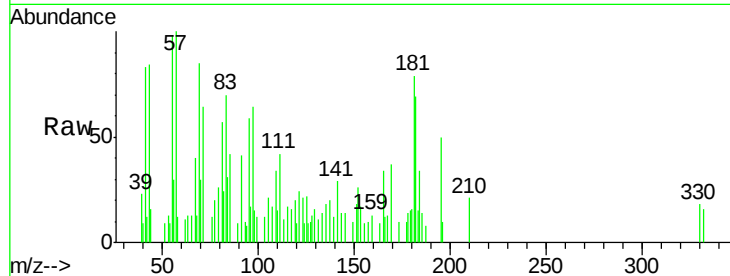
#41
 2,4,6-Tribromophenol
 Concen: 0.192 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104541.D
 Acq: 16 Apr 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 2-1-2-DENSE-GRADE-AGG-RCA

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	79.1	29.9	44.9

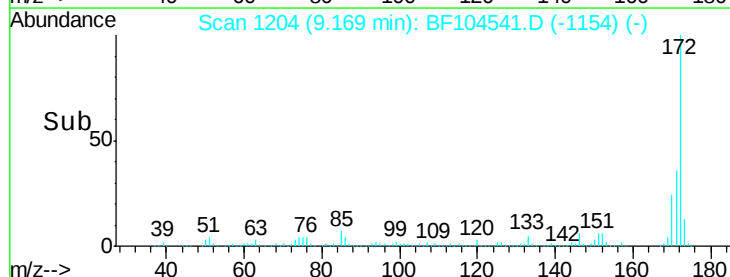
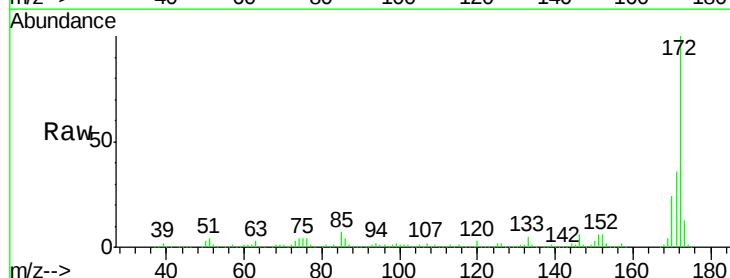
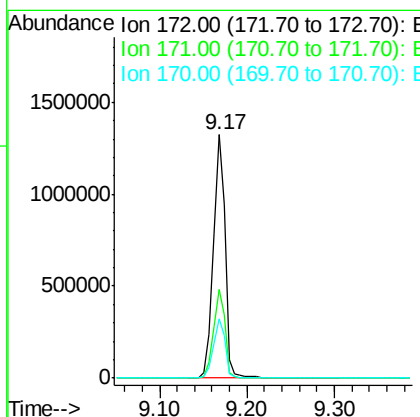
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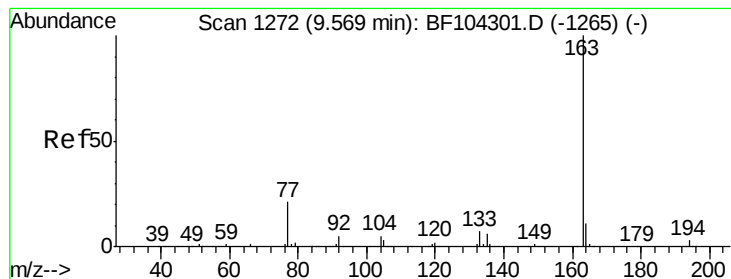
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#44
 2-Fluorobiphenyl
 Concen: 66.912 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104541.D
 Acq: 16 Apr 2018 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4





#49

Dimethylphthalate

Concen: 9.313 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104541.D

Acq: 16 Apr 2018 19:07

Instrument :

BNA_F

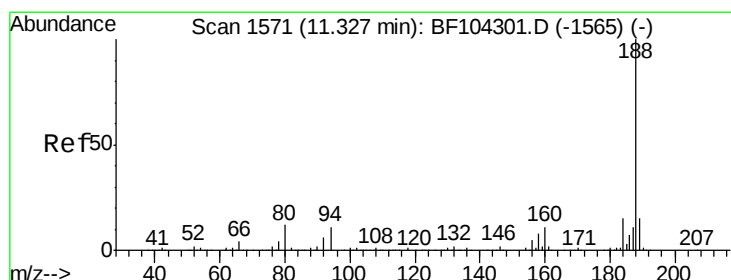
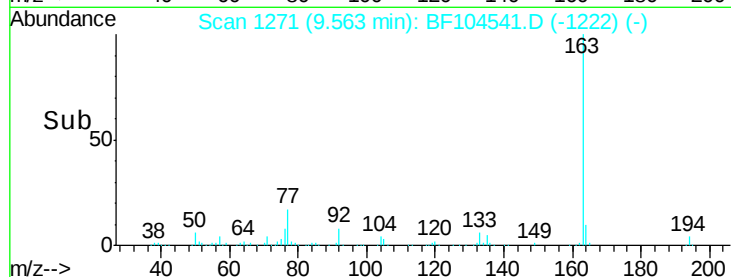
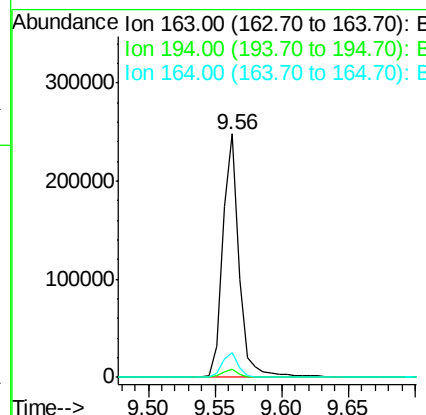
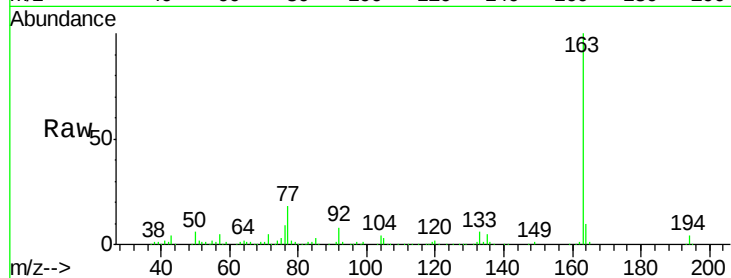
ClientSampleId :

2-1-2-DENSE-GRADE-AGG-RCA

Tot Ion:	163	Resp:	215288
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

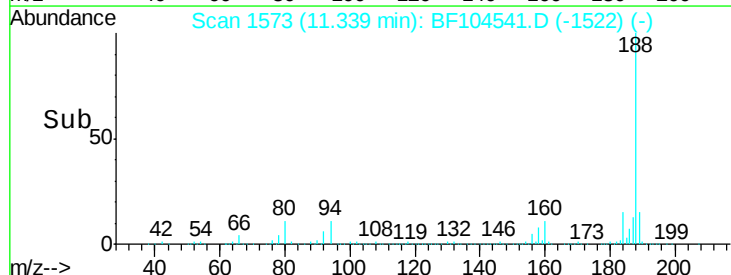
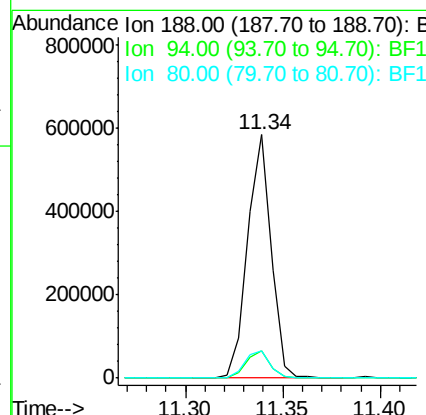
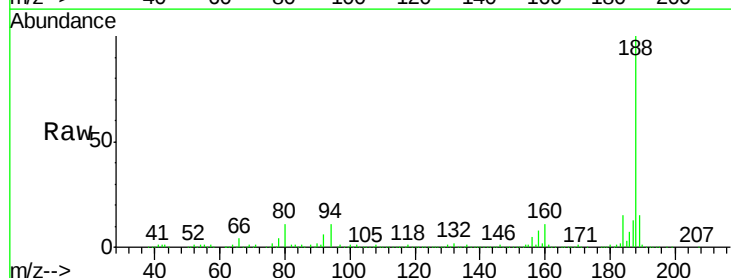
RT: 11.34 min Scan# 1573

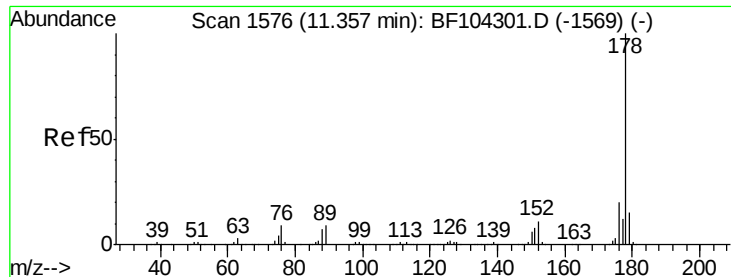
Delta R.T. -0.00 min

Lab File: BF104541.D

Acq: 16 Apr 2018 19:07

Tgt Ion:	188	Resp:	492006
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	11.4	9.2	13.8





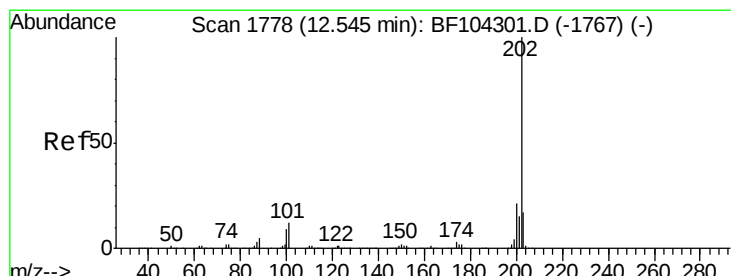
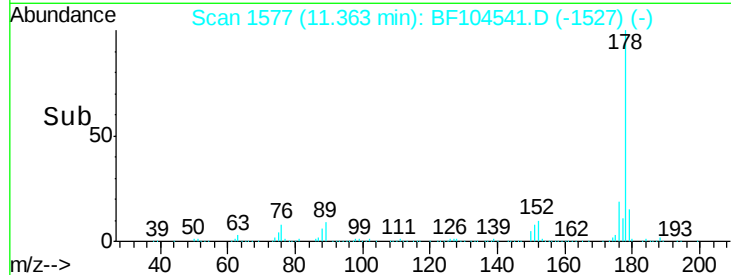
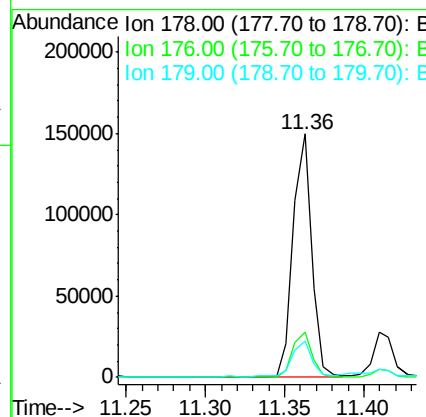
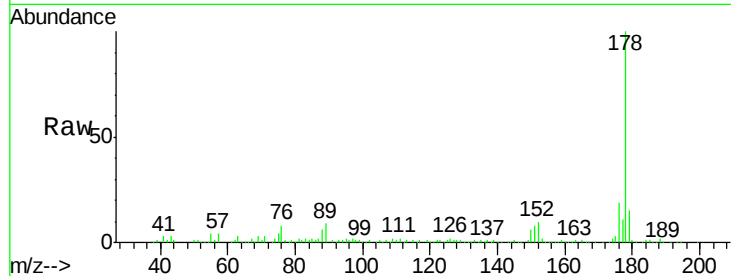
#70
Phenanthrene
Concen: 4.483 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF104541.D
Acq: 16 Apr 2018 19:07

Instrument :
BNA_F
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2-1-2-DENSE-GRADE-AGG-RCA

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.0	13.0	19.6

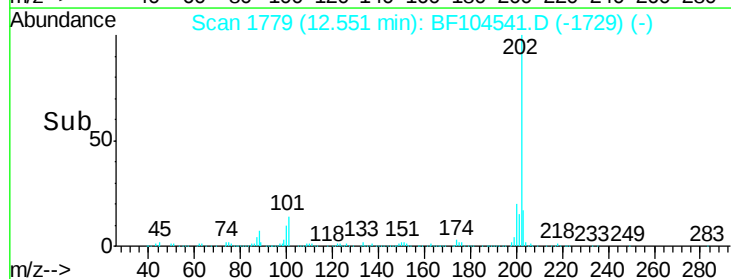
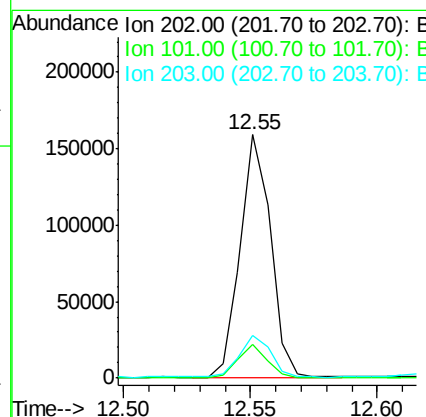
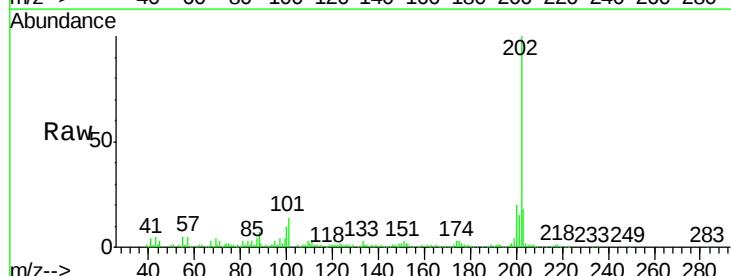
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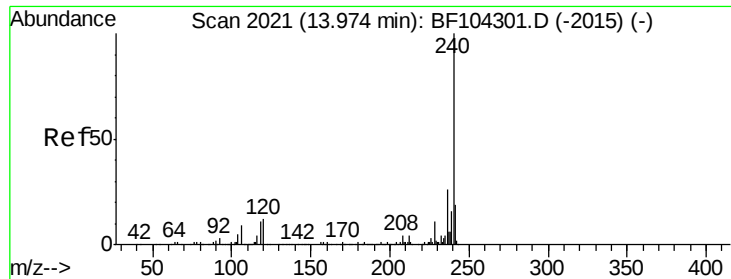
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#74
Fluoranthene
Concen: 4.647 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104541.D
Acq: 16 Apr 2018 19:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	17.5	0.0	38.1





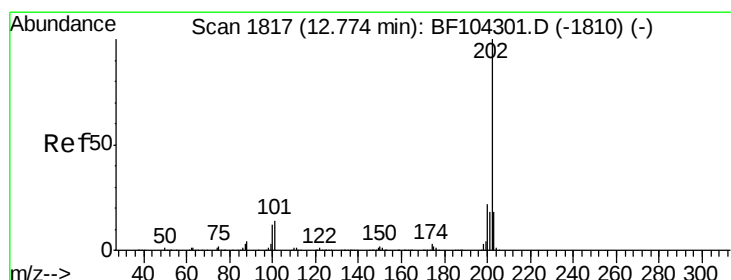
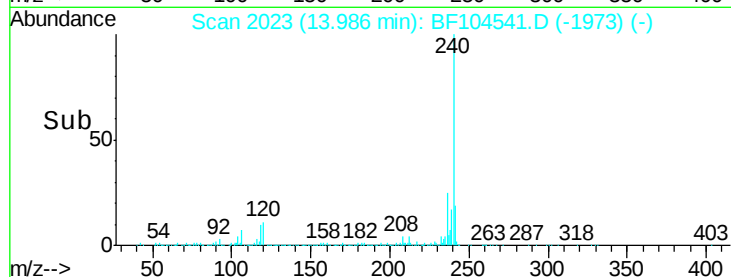
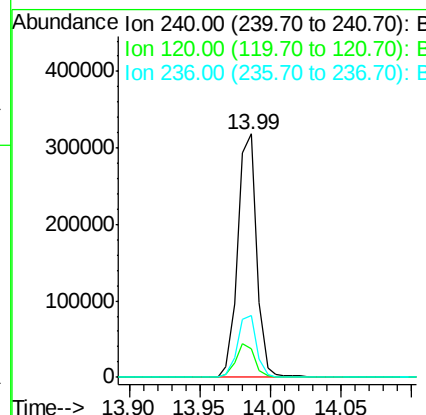
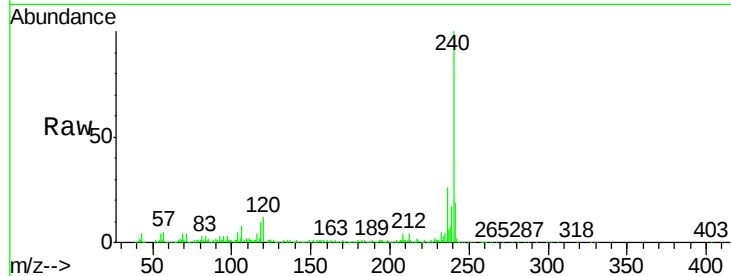
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104541.D
Acq: 16 Apr 2018 19:07

Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

Tot Ion	Ratio	Resp	Lower	Upper
240	100	298386		
120	11.7	9.5	14.3	
236	25.5	20.7	31.1	

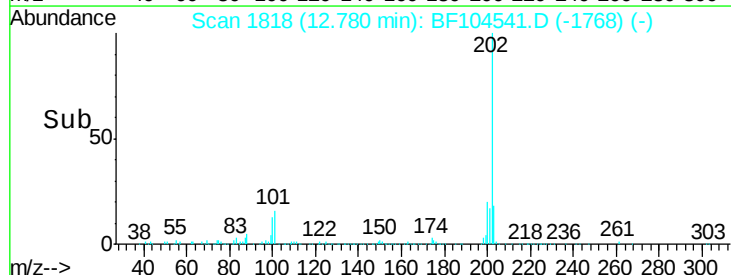
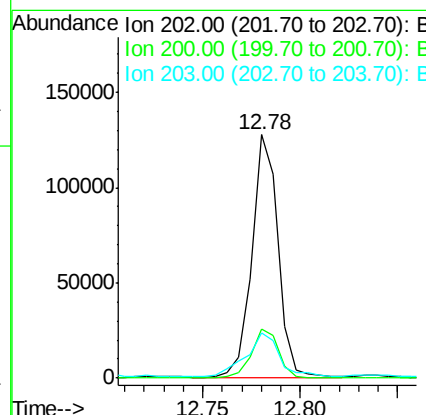
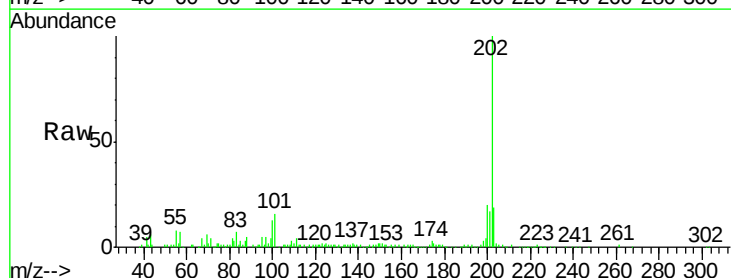
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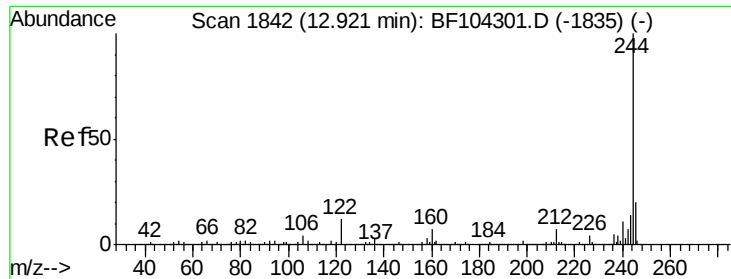
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#77
Pyrene
Concen: 5.322 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104541.D
Acq: 16 Apr 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	117700		
200	20.0	17.4	26.2	
203	18.5	14.3	21.5	





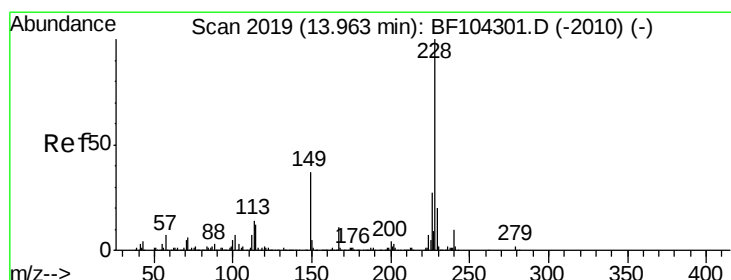
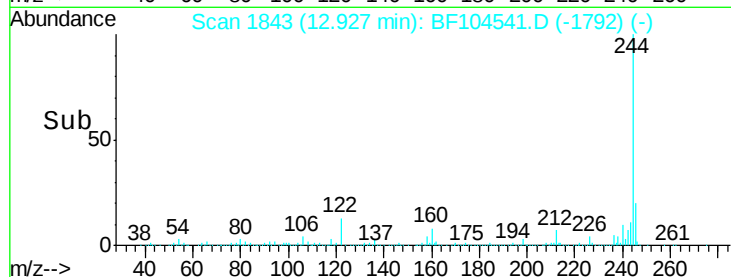
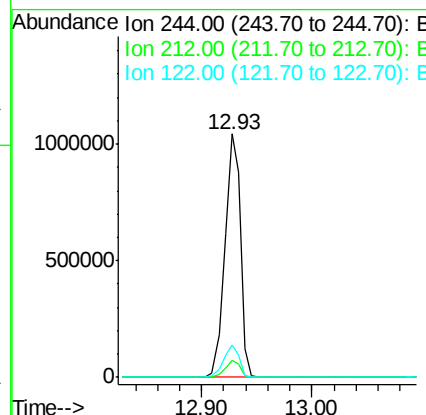
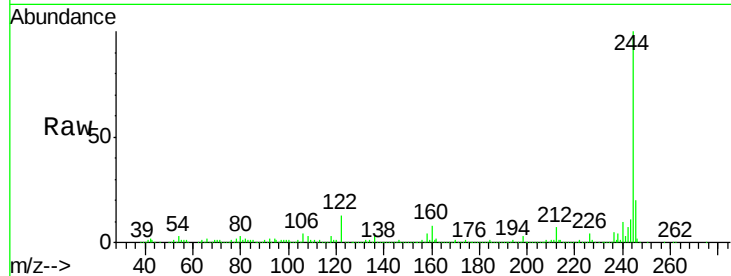
#78
 Terphenyl-d14
 Concen: 78.044 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BF104541.D
 Acq: 16 Apr 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 2-1-2-DENSE-GRADE-AGG-RCA

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4

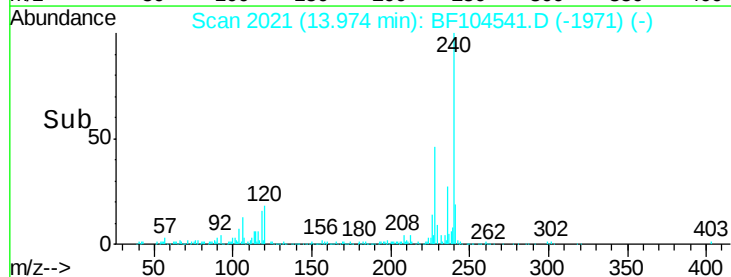
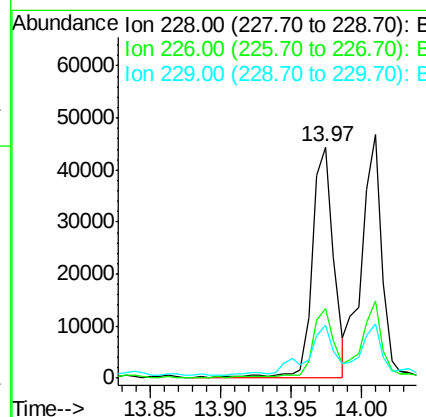
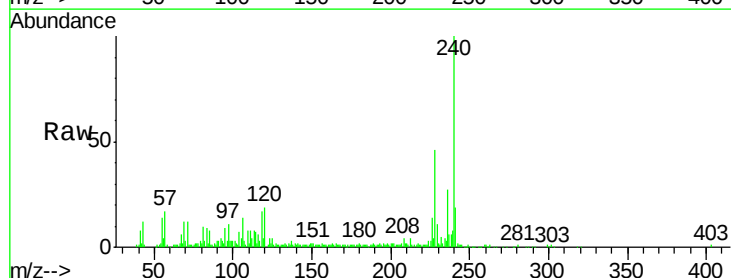
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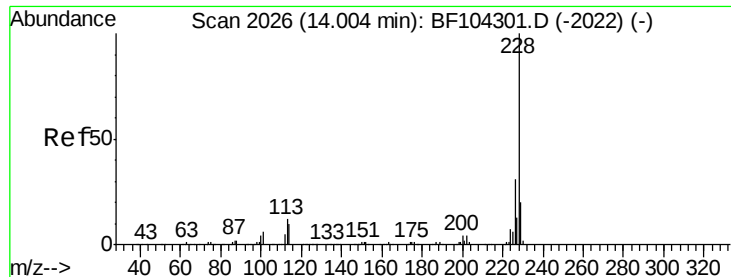
Sohil
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#80
 Benzo(a)anthracene
 Concen: 2.638 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104541.D
 Acq: 16 Apr 2018 19:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	23.1	15.8	23.6





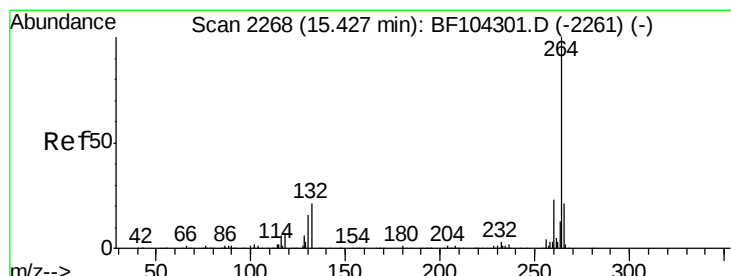
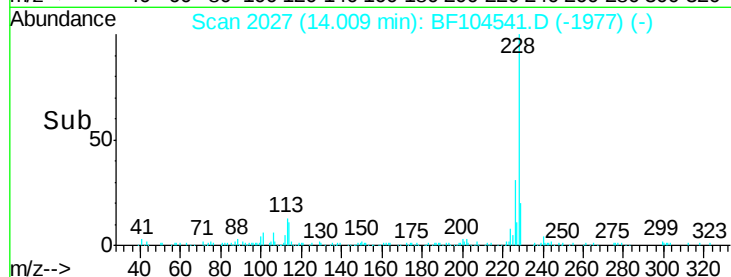
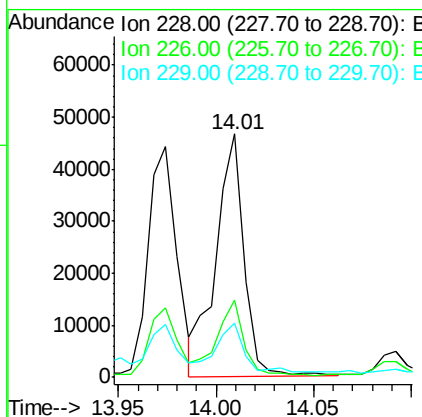
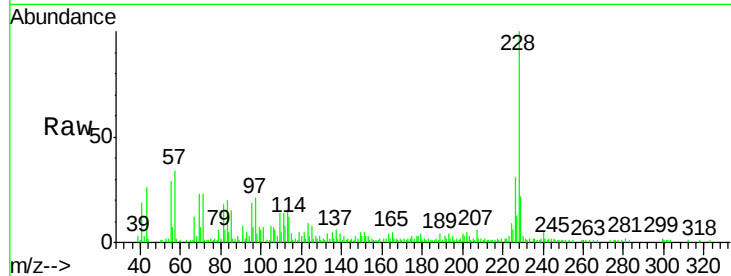
#82
 Chrysene
 Concen: 2.552 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF104541.D
 Acq: 16 Apr 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 2-1-2-DENSE-GRADE-AGG-RCA

Tot Ion:	228	Resp:	46732
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.6
229	22.2	16.2	24.4

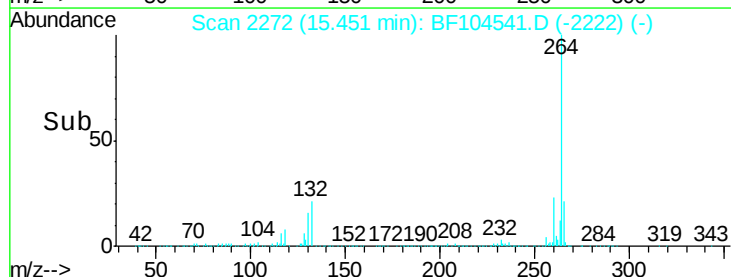
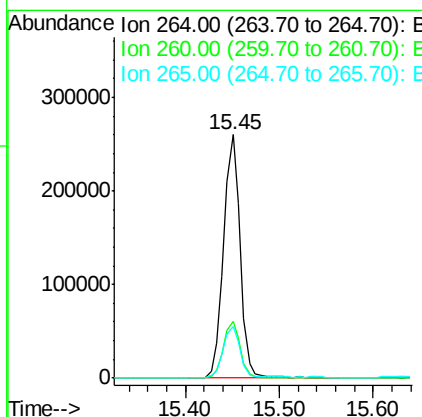
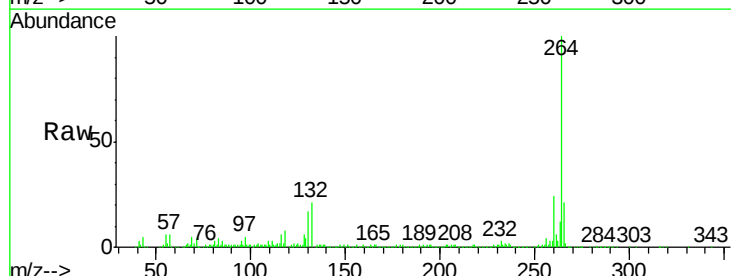
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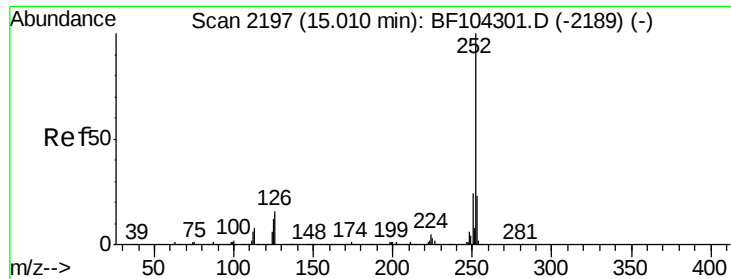
Sohil
 4/17/2018 10:09:01 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104541.D
 Acq: 16 Apr 2018 19:07

Tgt Ion:	264	Resp:	321887
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3





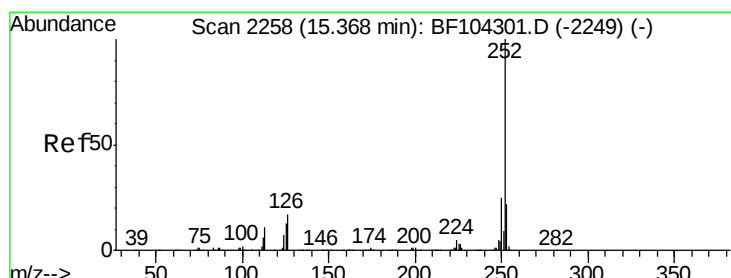
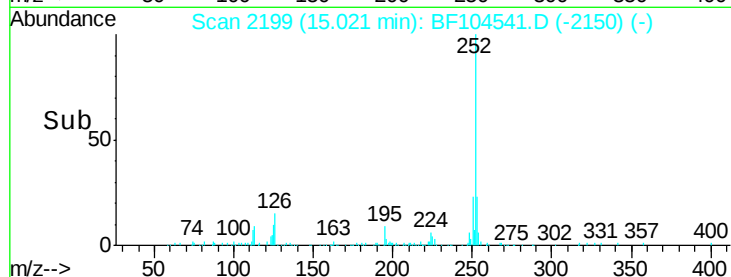
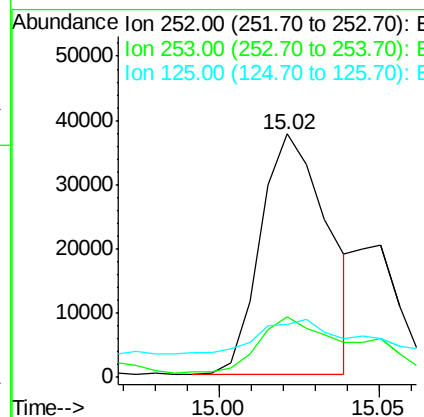
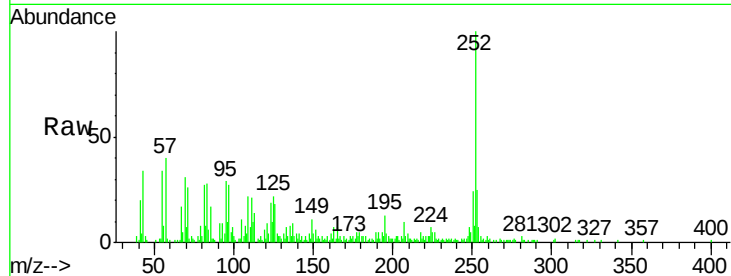
#87
Benzo(b)fluoranthene
Concen: 2.716 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104541.D
Acq: 16 Apr 2018 19:07

Instrument :
BNA_F
ClientSampleId :
2-1-2-DENSE-GRADE-AGG-RCA

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	21.6	9.0	13.6#

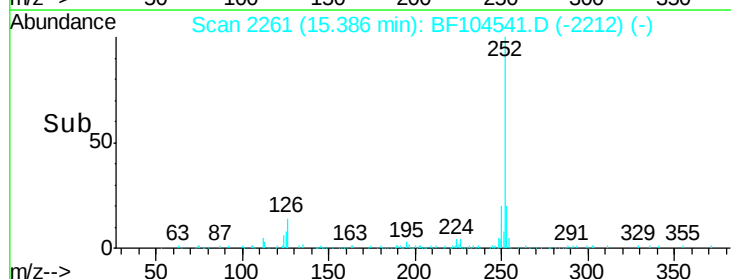
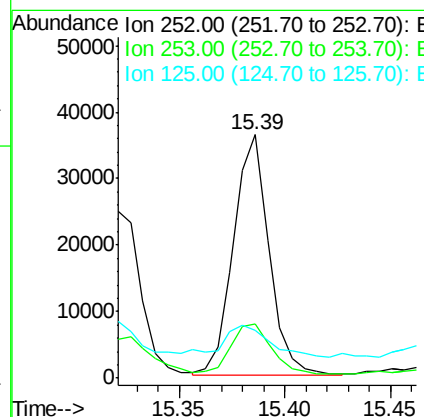
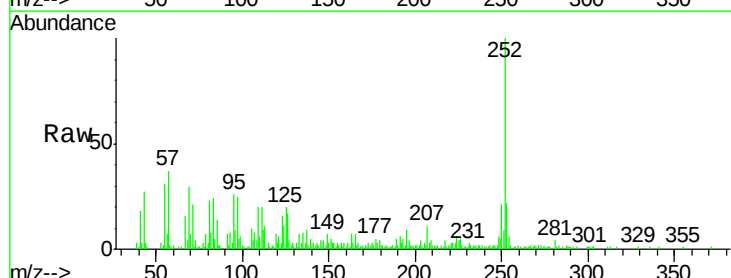
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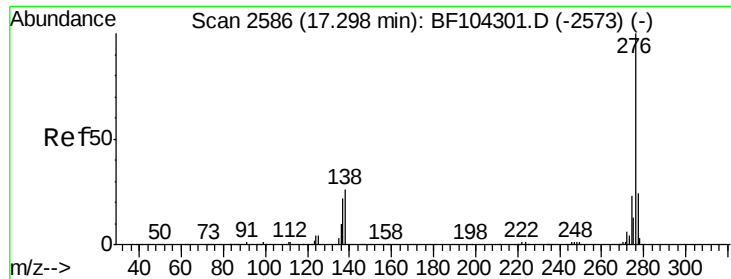
Sohil
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#89
Benzo(a)pyrene
Concen: 2.329 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF104541.D
Acq: 16 Apr 2018 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	19.5	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.123 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. -0.02 min
 Lab File: BF104541.D
 Acq: 16 Apr 2018 19:07

Instrument :
 BNA_F
 ClientSampleId :
 2-1-2-DENSE-GRADE-AGG-RCA

Tot Ion:	276	Resp:	30732
Ion Ratio	Lower	Upper	
276	100		
277	24.3	17.9	26.9
138	31.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 4/17/2018 10:09:01 AM

