

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104485.D
 Acq On : 13 Apr 2018 18:14
 Operator : JU/SJ
 Sample : J2357-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR2520258

Manual Integrations
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Sohil
 4/16/2018 3:10:17 PM

Quant Time: Apr 13 23:16:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132772	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	535630	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	233005	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	360612	20.00	ng	0.00
75) Chrysene-d12	13.98	240	265974	20.00	ng	-0.01
86) Perylene-d12	15.45	264	228000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	361914	41.68	ng	0.00
7) Phenol-d6	6.43	99	496509	46.54	ng	-0.01
23) Nitrobenzene-d5	7.37	82	304918	37.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	67606	27.97	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	518807	35.17	ng	0.00
78) Terphenyl-d14	12.92	244	376455	32.27	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.56	163	84250	4.585	ng	99
74) Fluoranthene	12.55	202	75395	3.593	ng	96
77) Pyrene	12.78	202	68712	3.485	ng	99
80) Benzo(a)anthracene	13.97	228	40179	2.529	ng	94
82) Chrysene	14.01	228	42270	2.590	ng	96
87) Benzo(b)fluoranthene	15.02	252	51110m	3.549	ng	
89) Benzo(a)pyrene	15.39	252	33078	2.567	ng	# 93

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

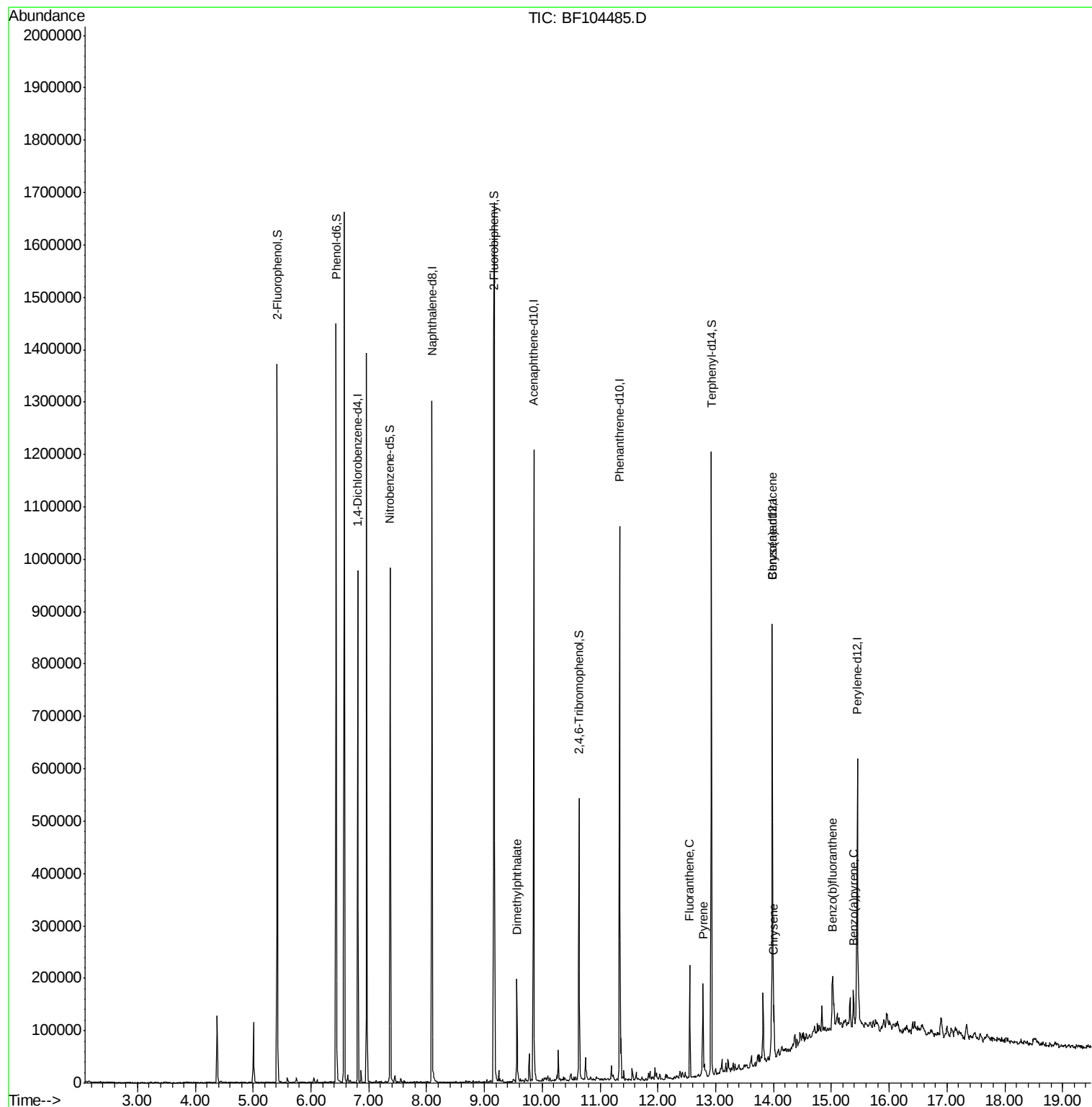
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104485.D
Acq On : 13 Apr 2018 18:14
Operator : JU/SJ
Sample : J2357-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

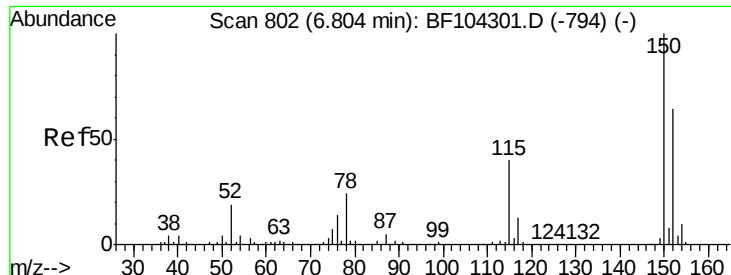
Instrument :
BNA_F
ClientSampleId :
RBR2520258

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Quant Time: Apr 13 23:16:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration





#1

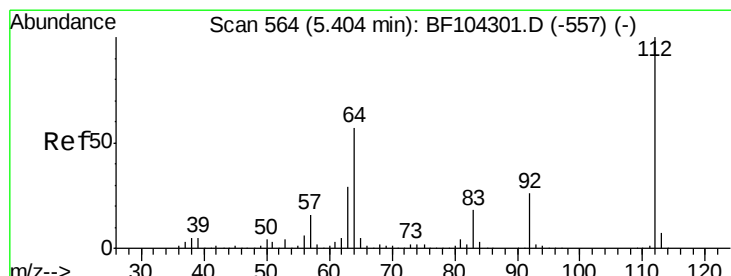
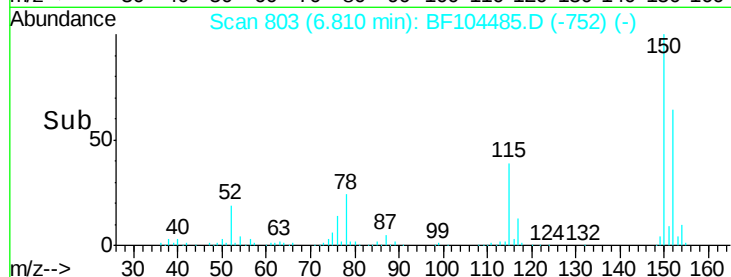
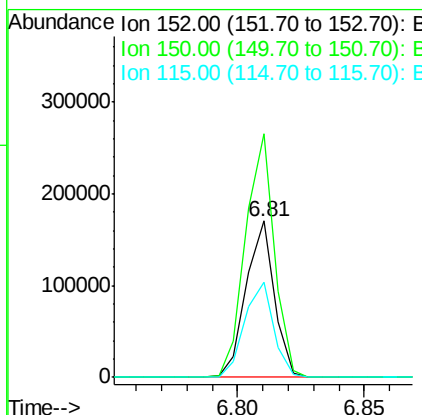
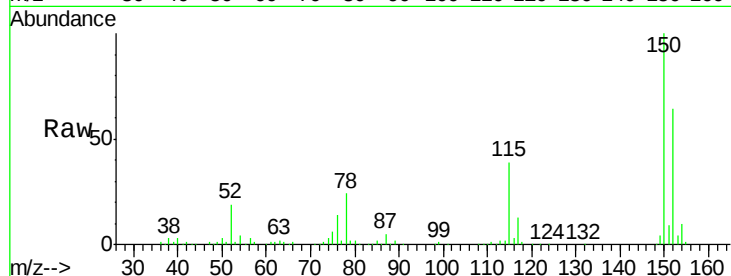
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	61.2	50.1	75.1

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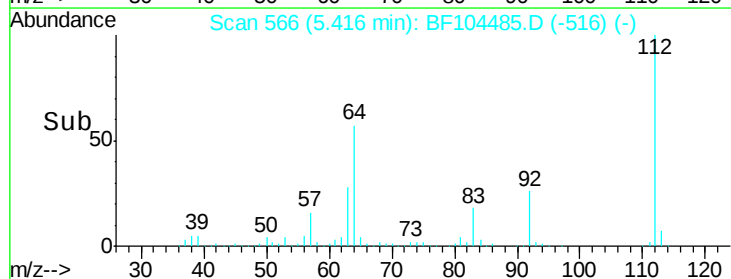
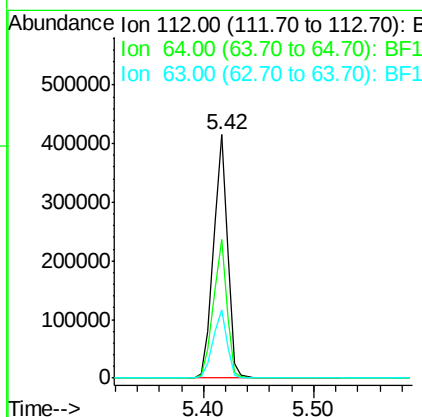
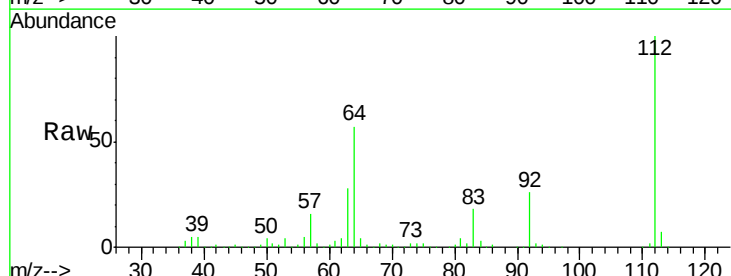
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#5

2-Fluorophenol
Concen: 41.679 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	28.2	23.7	35.5





#7

Phenol-d6

Concen: 46.538 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104485.D

Acq: 13 Apr 2018 18:14

Instrument :

BNA_F

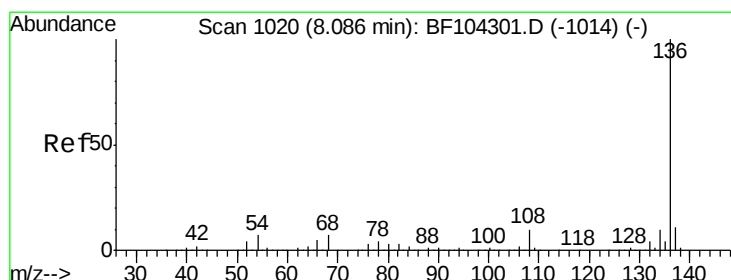
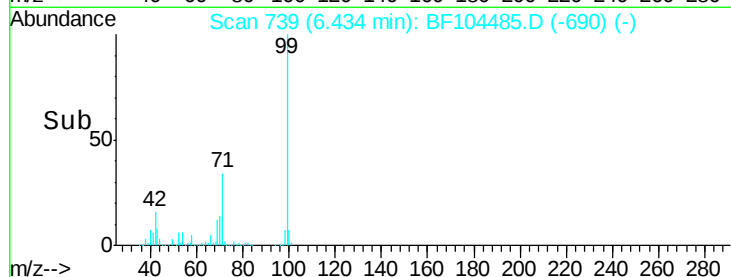
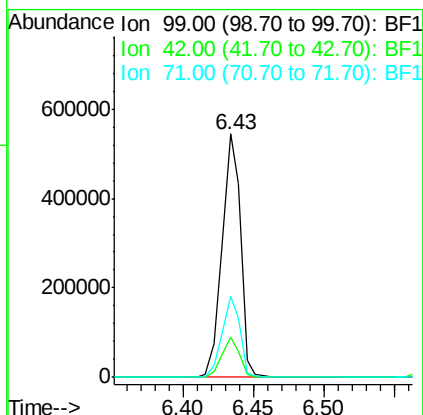
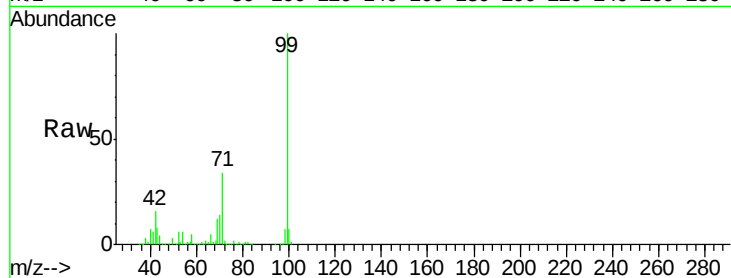
ClientSampleId :

RBR2520258

Tot Ion:	99	Resp:	496509
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	33.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

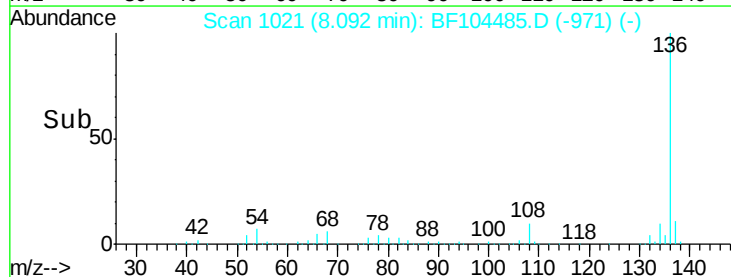
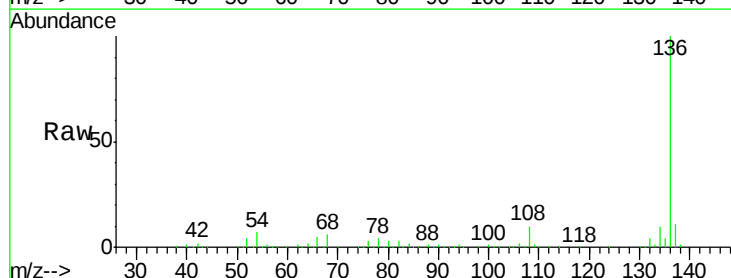
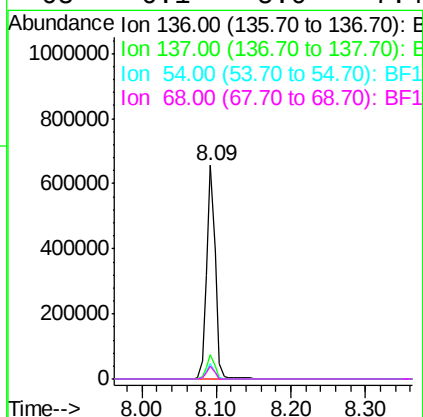
RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104485.D

Acq: 13 Apr 2018 18:14

Tgt Ion:	136	Resp:	535630
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	6.9	6.6	9.8
68	6.1	5.0	7.4





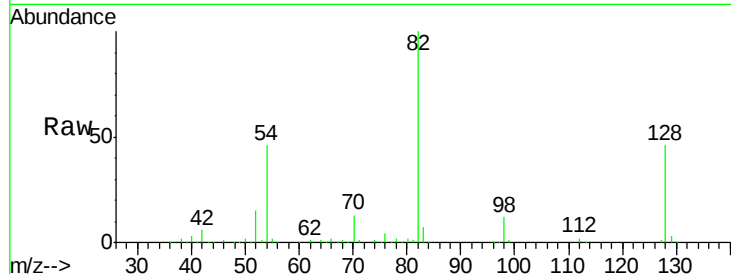
#23
Nitrobenzene-d5
Concen: 37.172 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :
RBR2520258

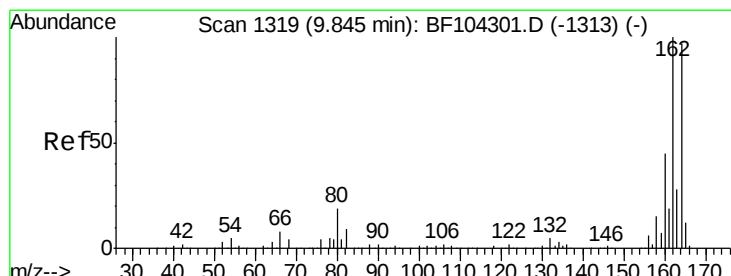
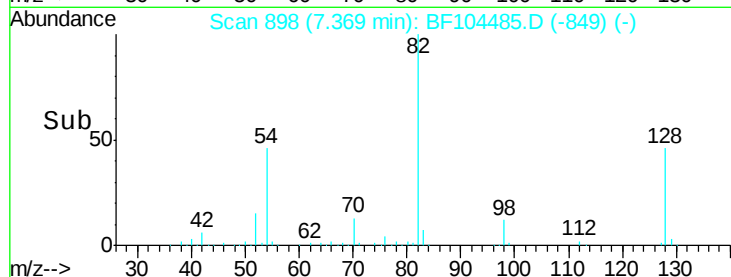
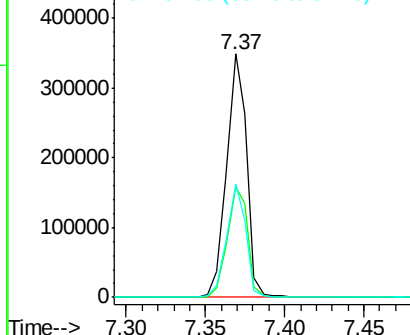
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	36.1	54.1	
54	46.4	41.4	62.2	

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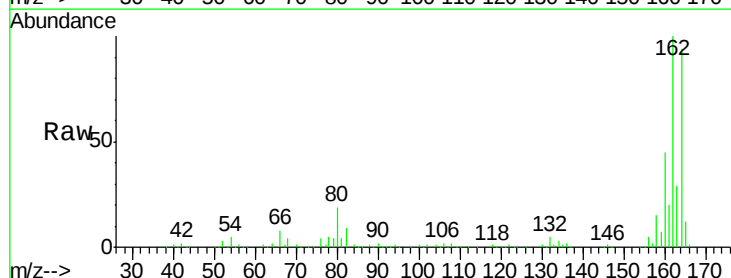


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

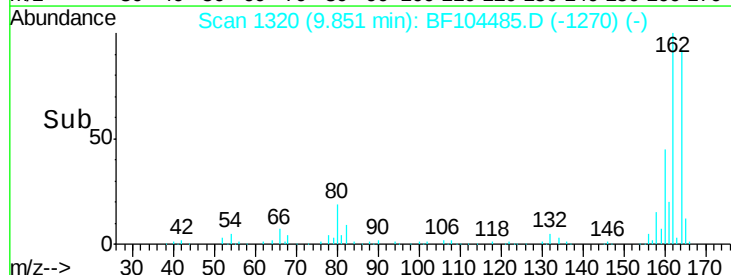
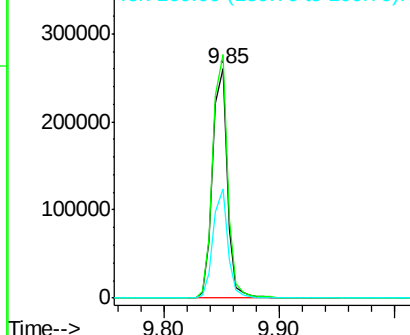


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.3	86.1	129.1	
160	47.7	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





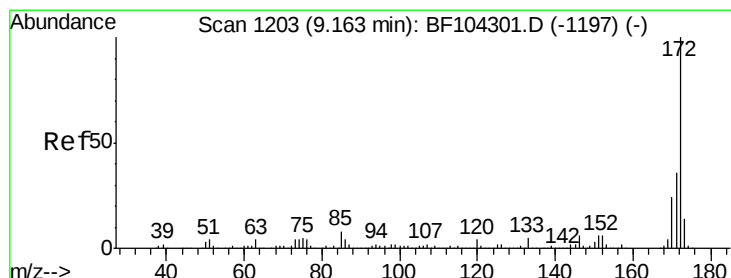
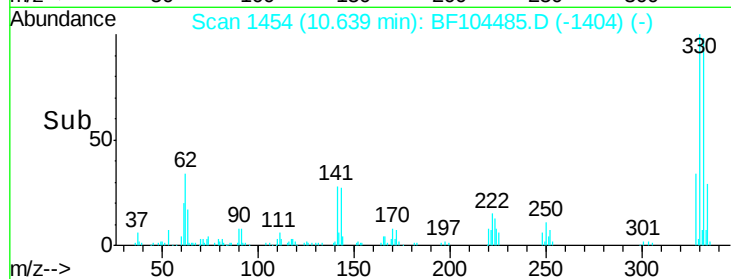
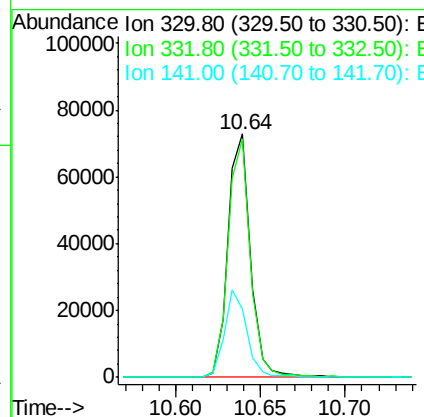
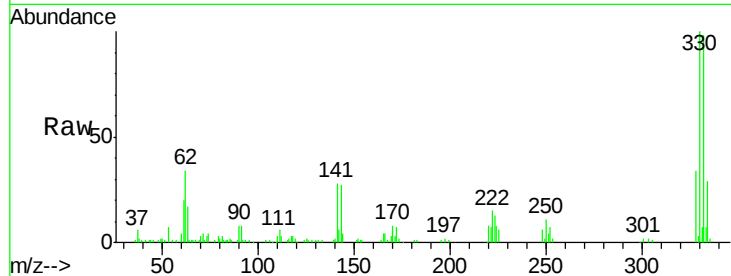
#41
 2,4,6-Tribromophenol
 Concen: 27.971 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104485.D
 Acq: 13 Apr 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR2520258

Tot Ion	Ratio	Resp	Lower	Upper
330	100	67606		
332	96.5	77.0	115.6	
141	35.4	29.9	44.9	

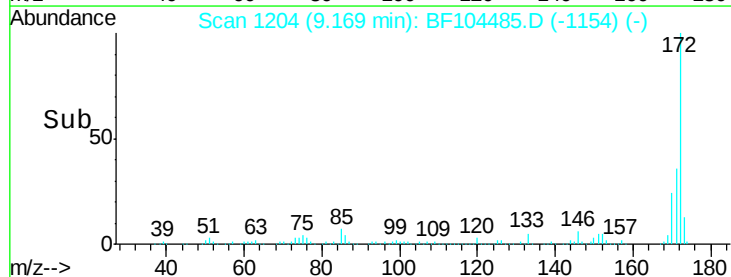
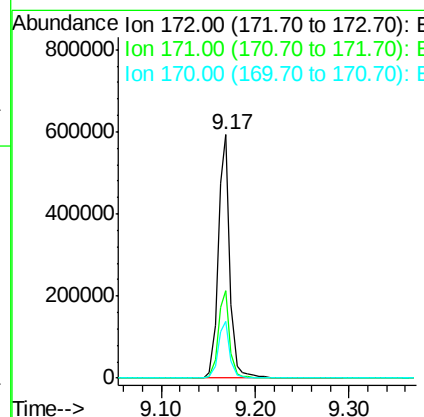
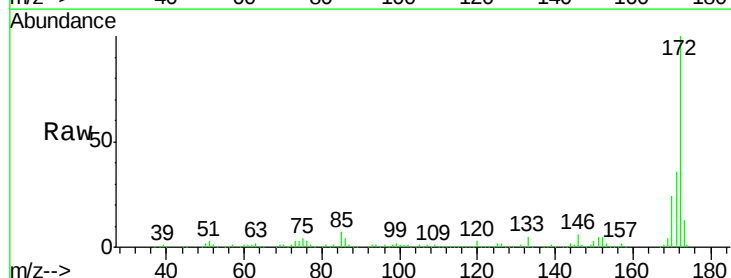
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#44
 2-Fluorobiphenyl
 Concen: 35.175 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104485.D
 Acq: 13 Apr 2018 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	518807		
171	36.2	29.7	44.5	
170	23.6	19.6	29.4	





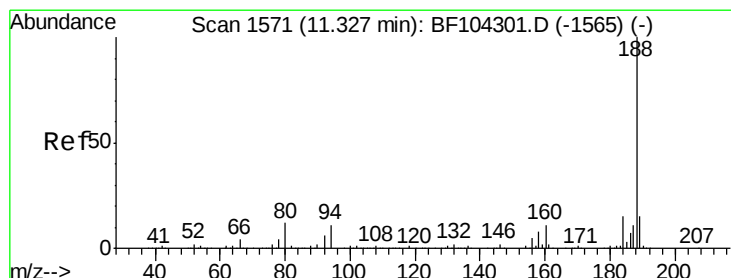
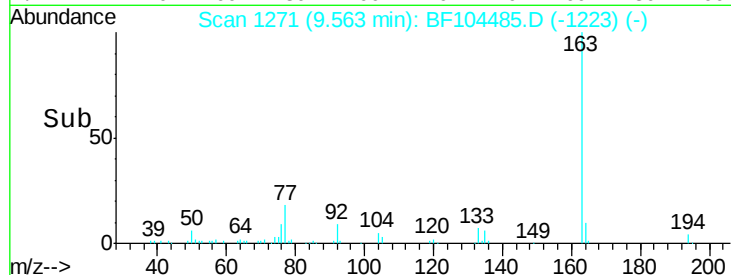
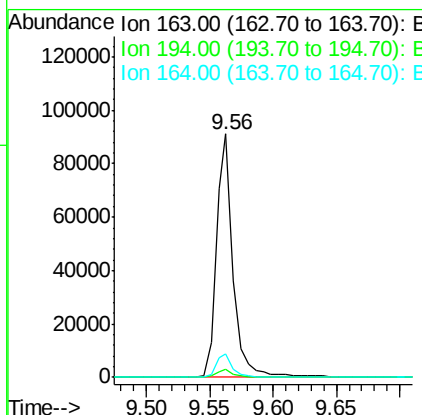
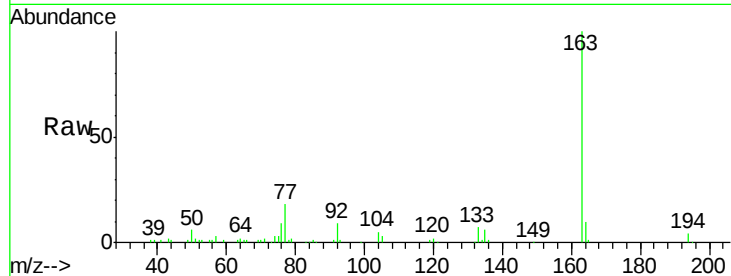
#49
Dimethylphthalate
Concen: 4.585 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tot Ion:	163	Resp:	84250
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2

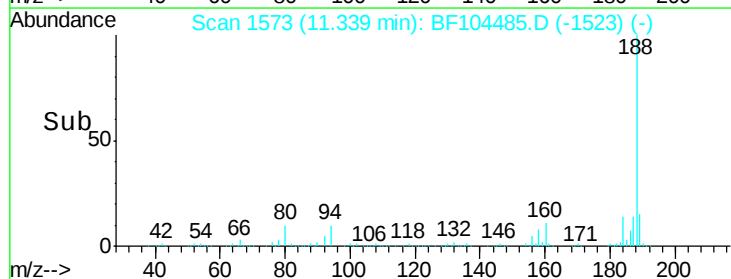
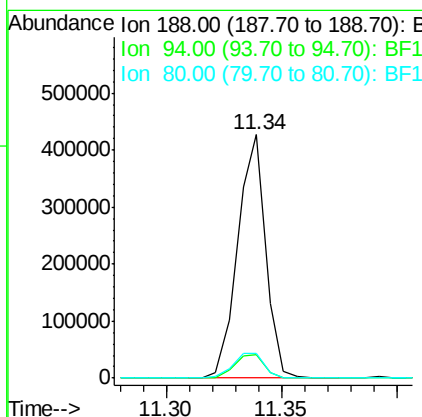
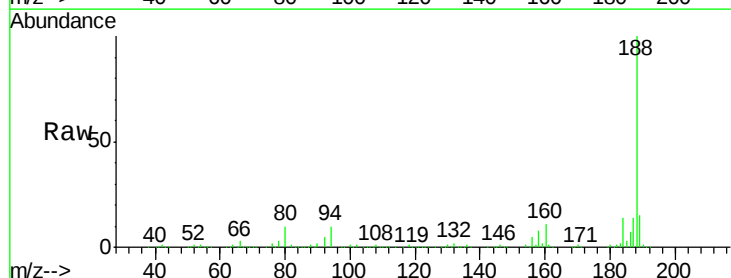
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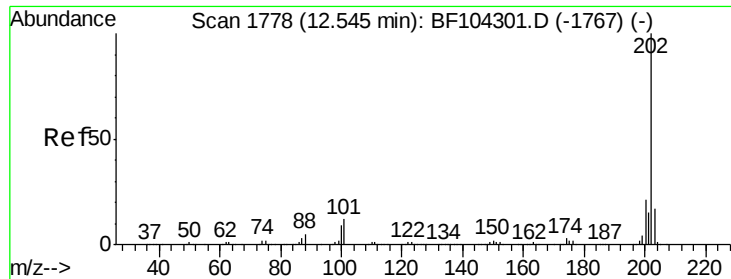
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion:	188	Resp:	360612
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8





#74

Fluoranthene

Concen: 3.593 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF104485.D

Acq: 13 Apr 2018 18:14

Instrument :

BNA_F

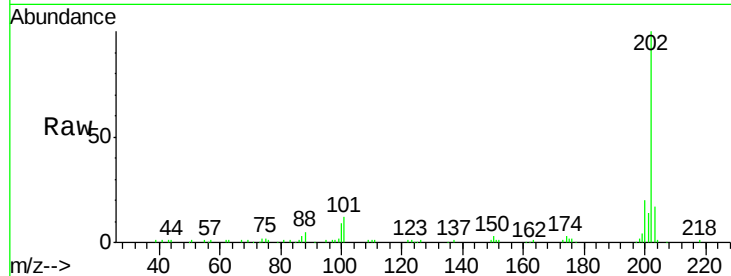
ClientSampleId :

RBR2520258

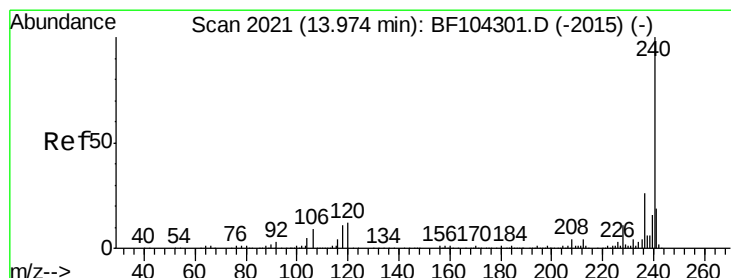
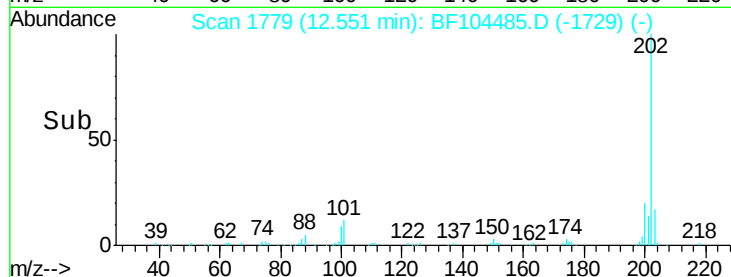
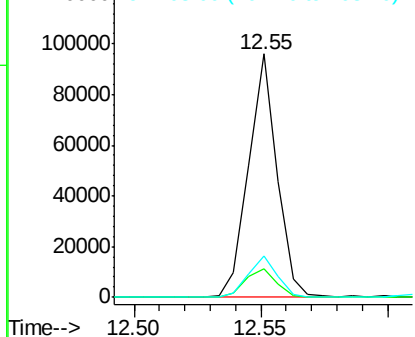
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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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

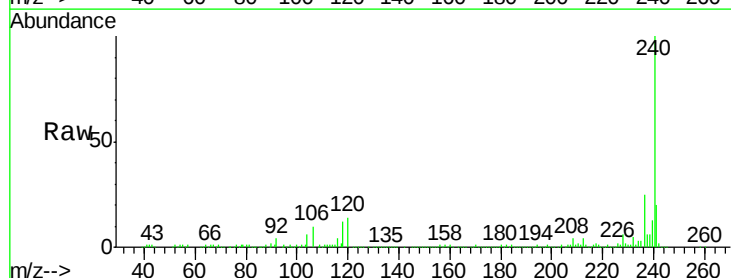
RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

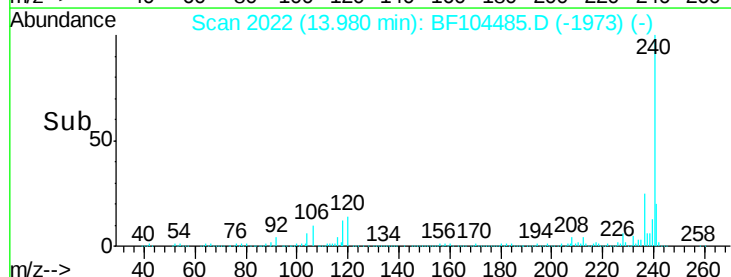
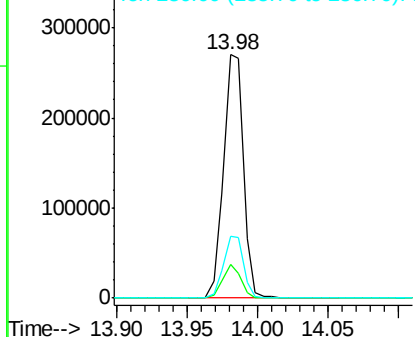
Lab File: BF104485.D

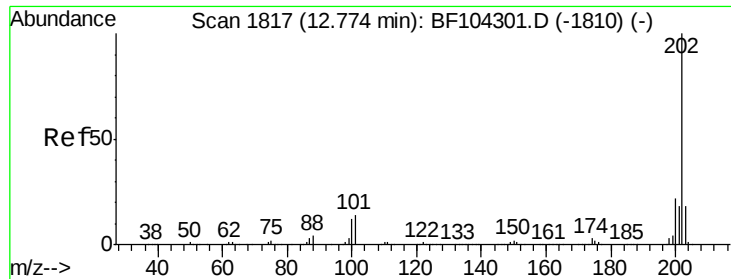
Acq: 13 Apr 2018 18:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.3	20.7	31.1



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





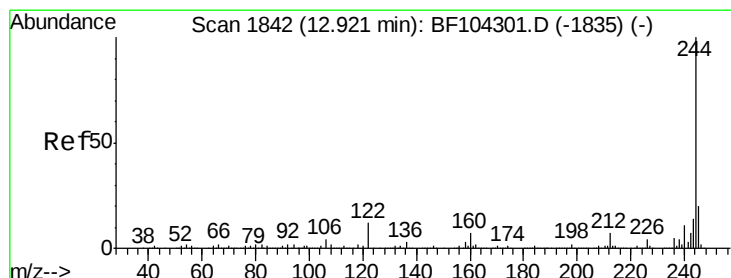
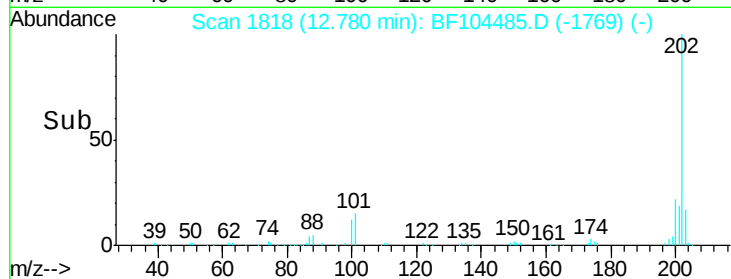
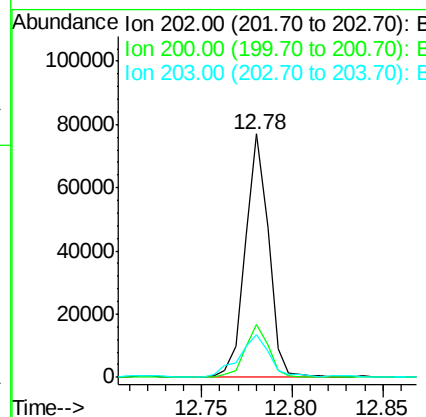
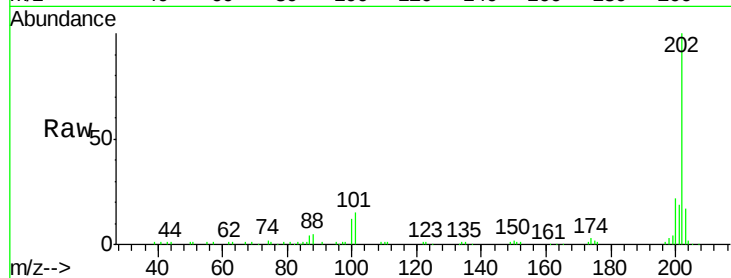
#77
Pvrene
Concen: 3.485 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.3	14.3	21.5

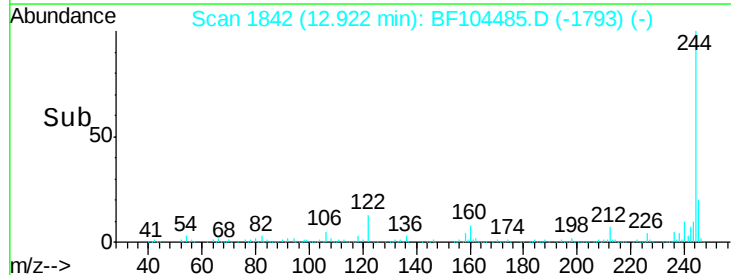
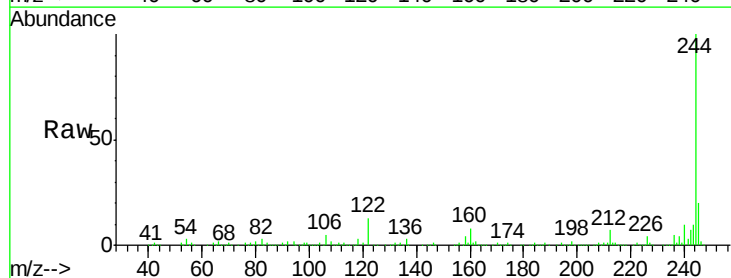
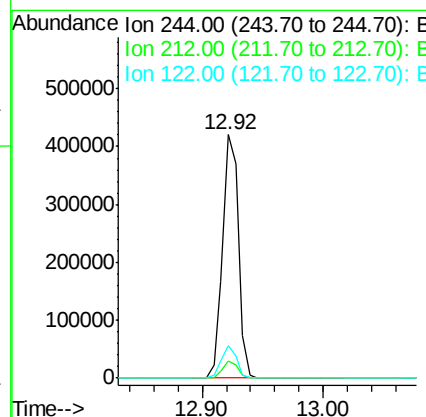
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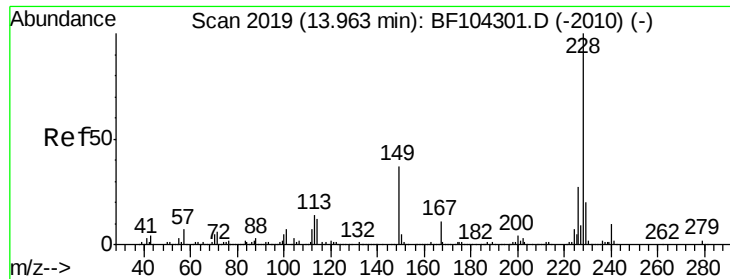
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#78
Terphenyl-d14
Concen: 32.268 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4





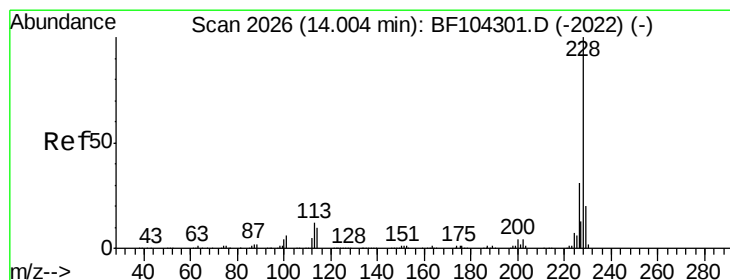
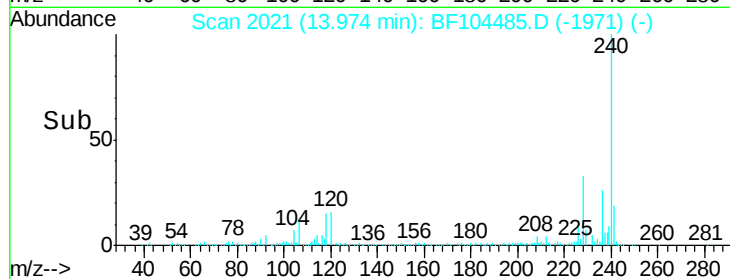
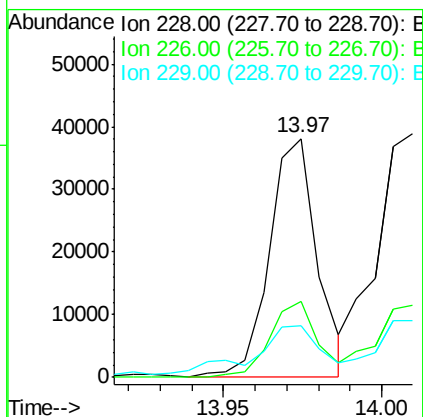
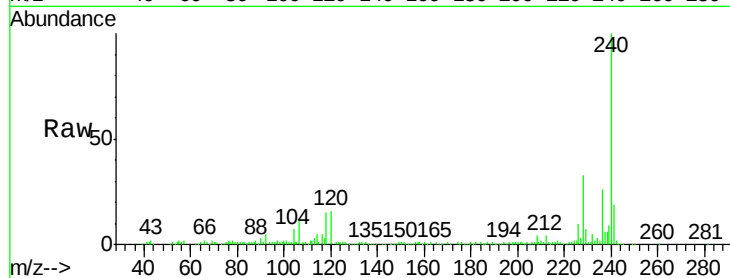
#80
Benzo(a)anthracene
Concen: 2.529 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	21.6	15.8	23.6

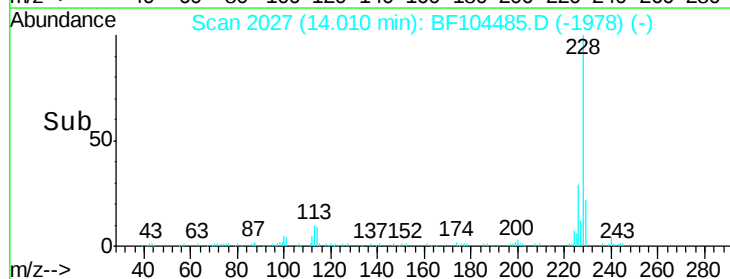
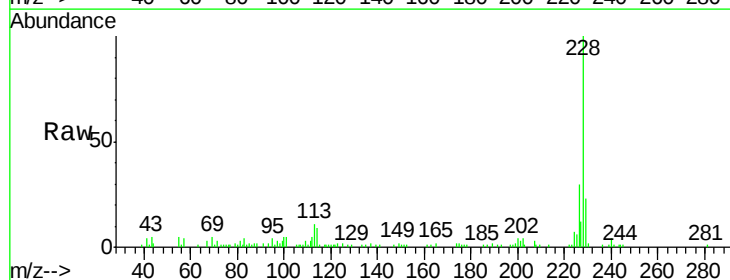
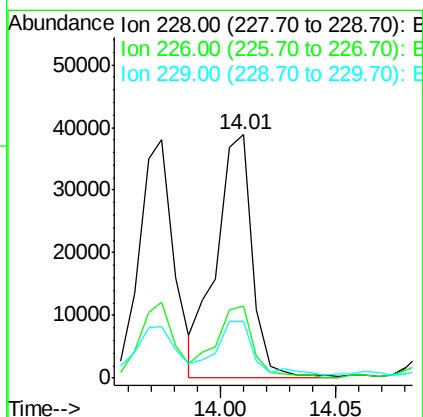
Manual Integrations
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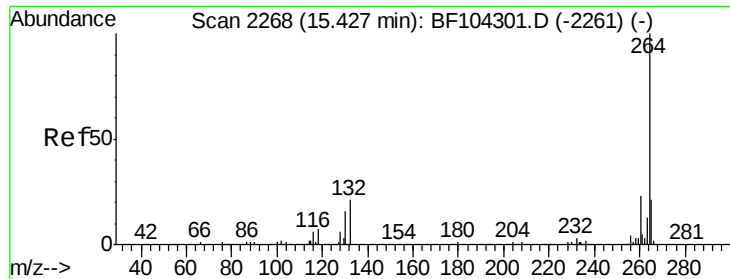
Sohil
4/16/2018 3:10:17 PM



#82
Chrysene
Concen: 2.590 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	23.5	16.2	24.4





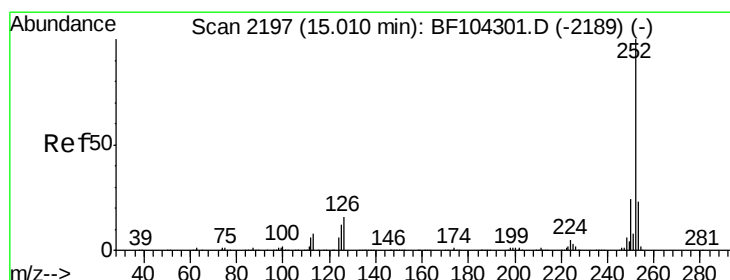
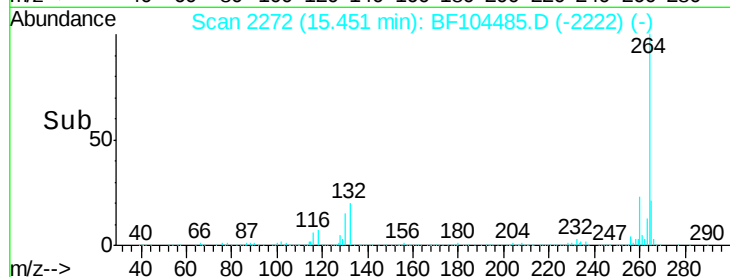
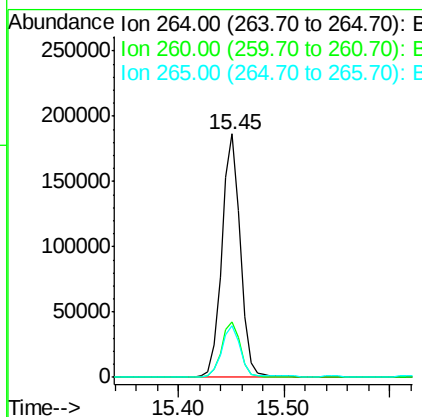
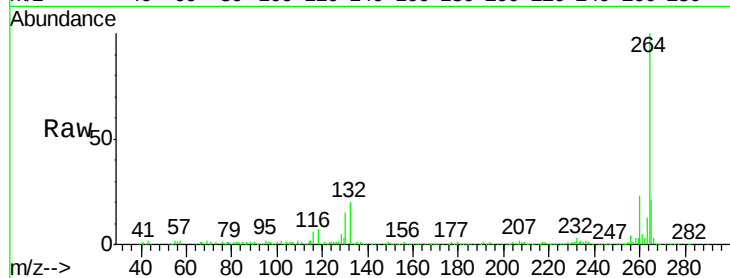
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :
RBR2520258

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.0	17.5	26.3

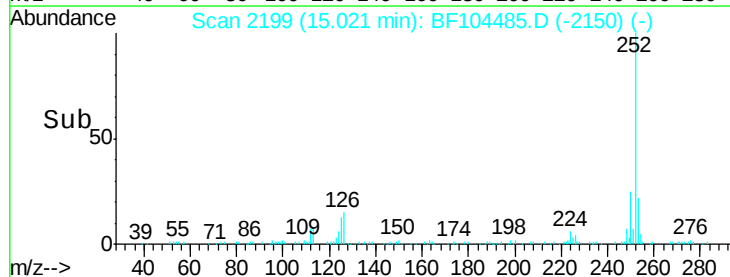
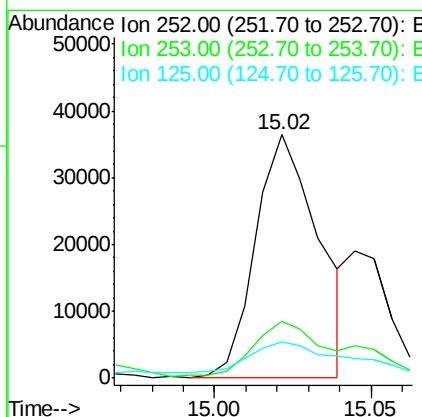
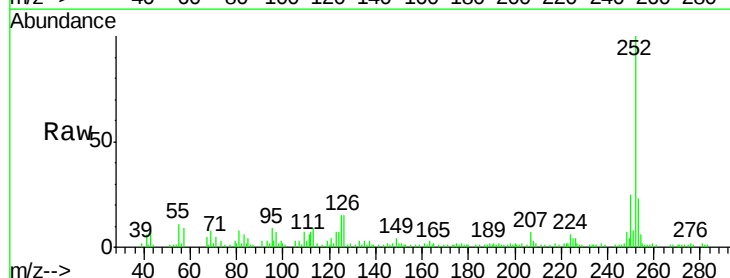
Manual Integrations
APPROVED

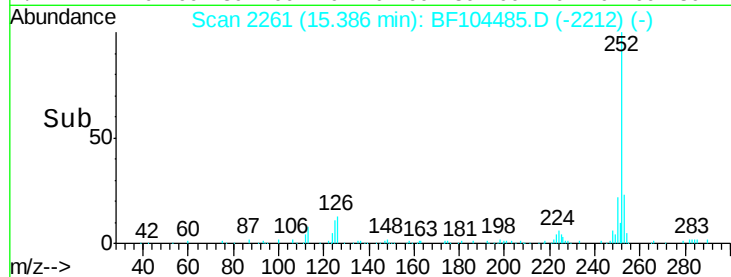
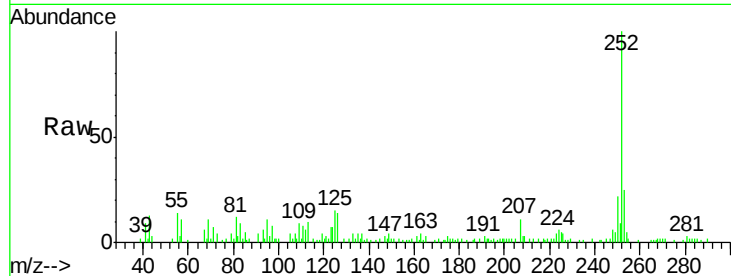
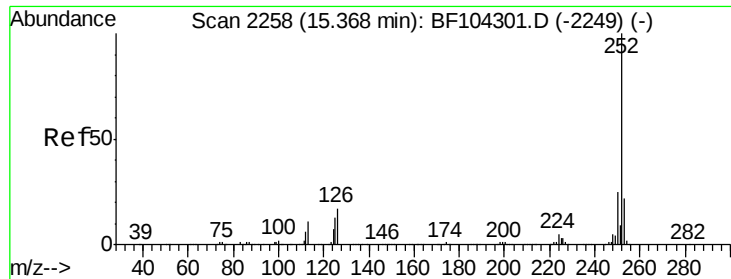
Sohil
4/16/2018 3:10:17 PM



#87
Benzo(b)fluoranthene
Concen: 3.549 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104485.D
Acq: 13 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	14.8	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.567 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF104485.D

Acq: 13 Apr 2018 18:14

Instrument :

BNA_F

ClientSampleId :

RBR2520258

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	15.0	9.8	14.6

Manual Integrations
APPROVED

Sohil
4/16/2018 3:10:17 PM

