

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107868.D
 Acq On : 31 Jul 2018 23:41
 Operator : JU/SJ
 Sample : J3823-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-073018-B

Manual Integrations
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Sohil
 8/1/2018 3:57:35 PM

Quant Time: Aug 01 04:21:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	160768	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	725029	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	279850	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	453971	20.00	ng	0.00
75) Chrysene-d12	14.15	240	439155	20.00	ng	0.00
86) Perylene-d12	15.68	264	348338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	354189	37.44	ng	0.00
7) Phenol-d6	6.60	99	532158	42.69	ng	0.00
23) Nitrobenzene-d5	7.53	82	314326	24.98	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	115369	30.34	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	655862	32.66	ng	0.00
78) Terphenyl-d14	13.08	244	538476	26.59	ng	0.00
Target Compounds						
74) Fluoranthene	12.72	202	86178	3.403	ng	Qvalue 100
77) Pyrene	12.95	202	85282	2.697	ng	96
87) Benzo(b)fluoranthene	15.23	252	39951m	2.325	ng	

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

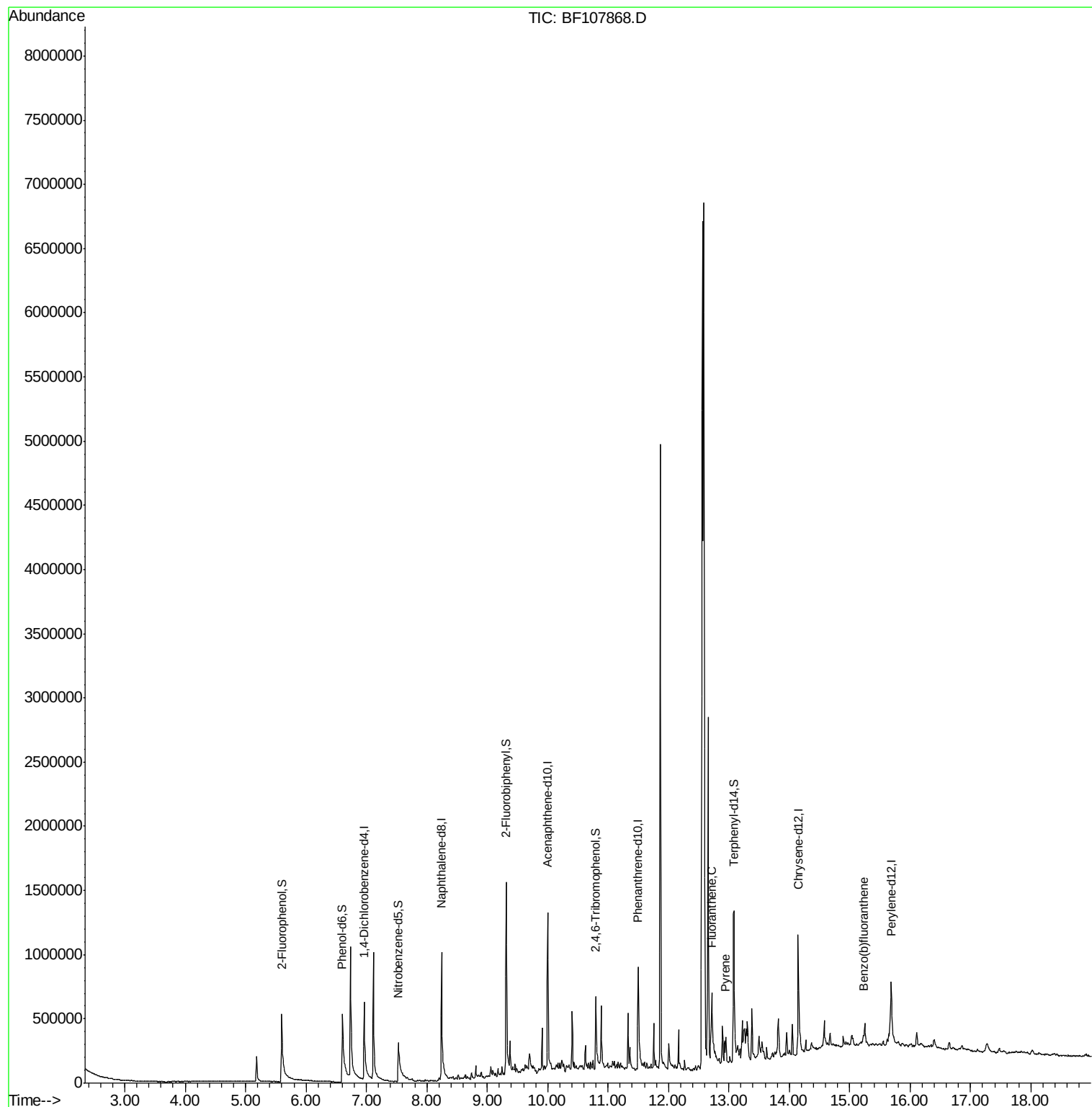
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107868.D
Acq On : 31 Jul 2018 23:41
Operator : JU/SJ
Sample : J3823-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

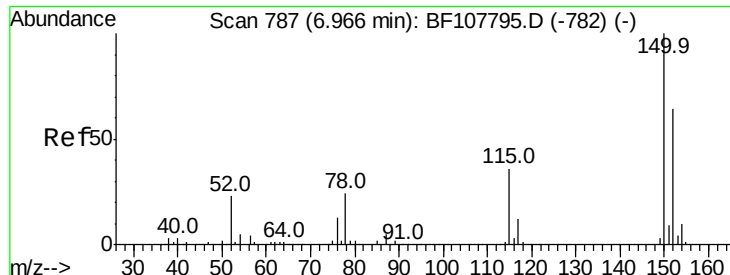
Instrument :
BNA_F
ClientSampleId :
NB-08-073018-B

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#1

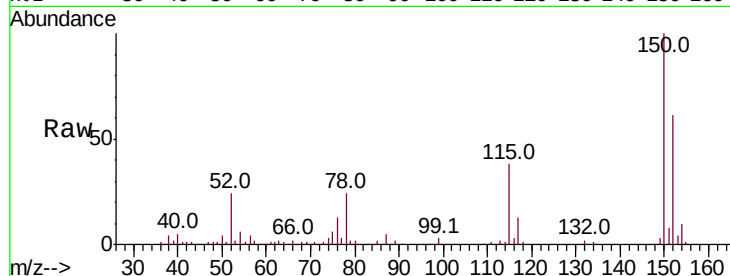
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107868.D
 Acq: 31 Jul 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-073018-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	186.8
115	61.3	50.1	75.1

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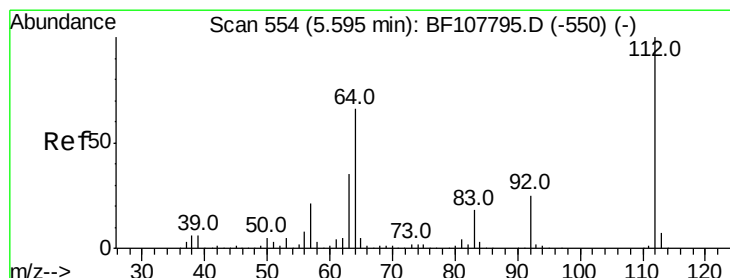
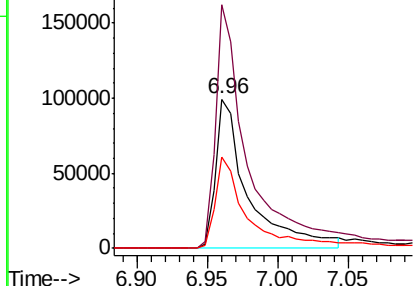
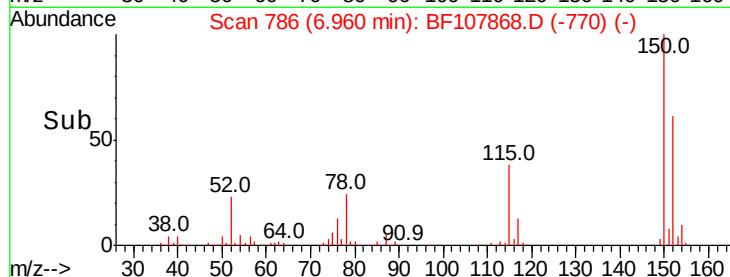


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

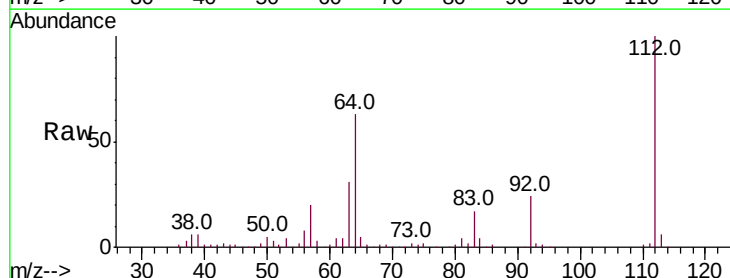
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 37.443 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF107868.D
 Acq: 31 Jul 2018 23:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	31.2	23.7	35.5

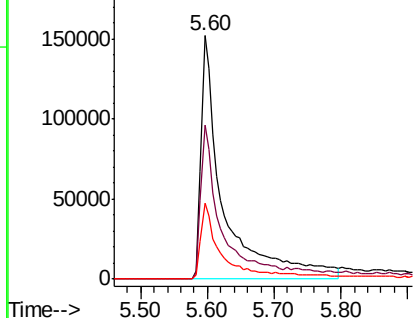
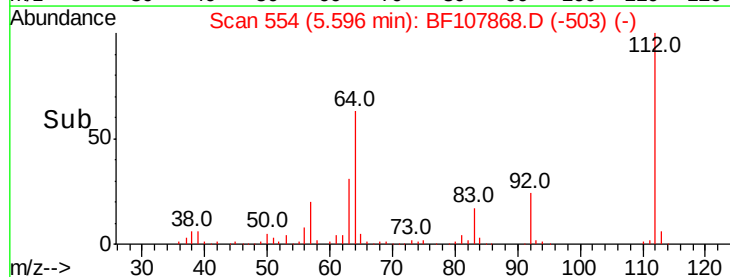


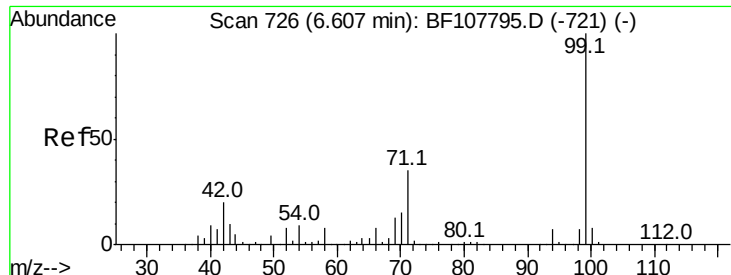
Abundance

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: 42.685 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107868.D

Acq: 31 Jul 2018 23:41

Instrument :

BNA_F

ClientSampleId :

NB-08-073018-B

Tot Ion: 99 Resp: 532158

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

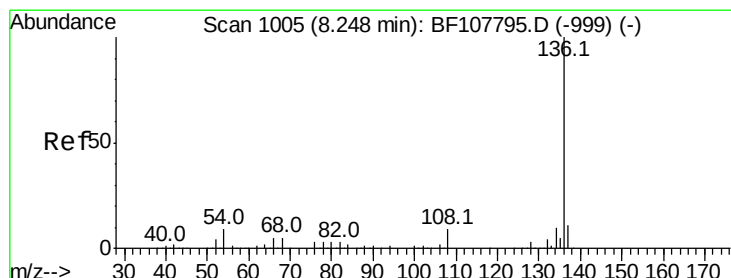
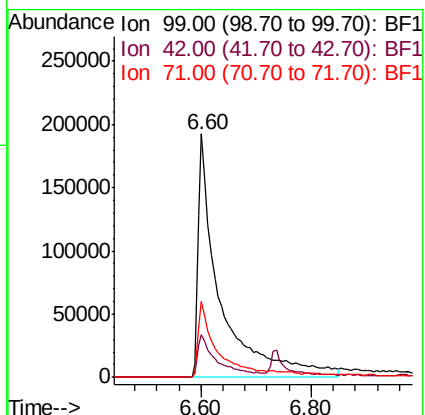
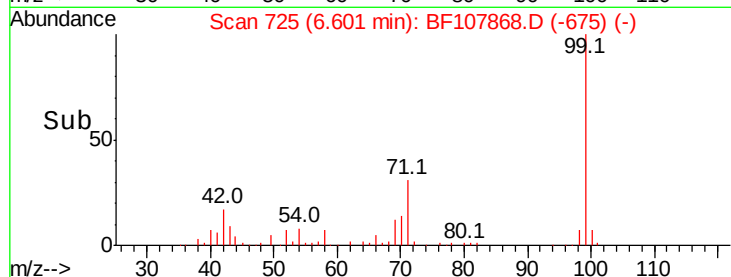
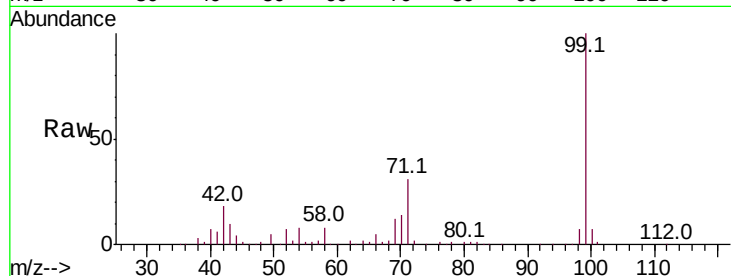
71 31.2 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107868.D

Acq: 31 Jul 2018 23:41

Tgt Ion: 136 Resp: 725029

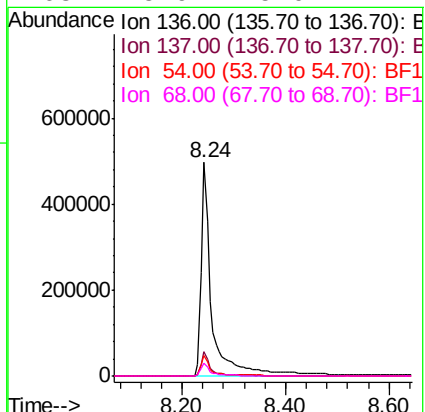
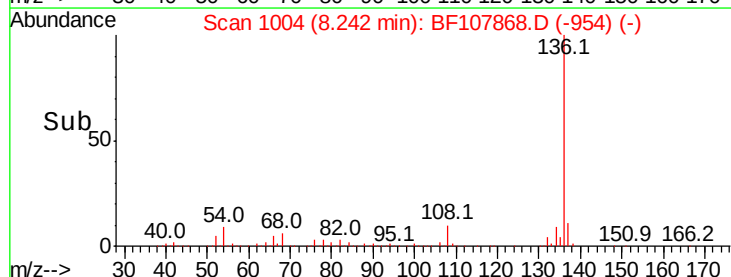
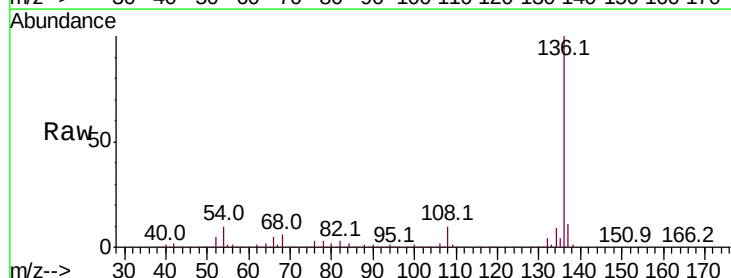
Ion Ratio Lower Upper

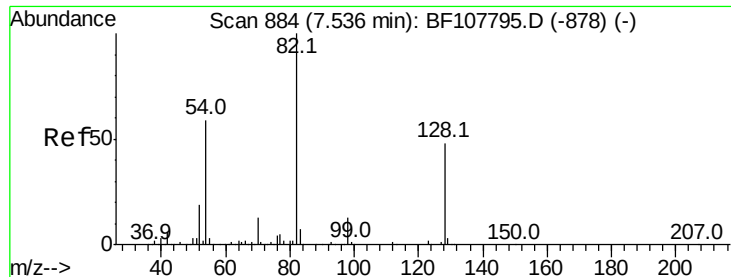
136 100

137 11.3 8.9 13.3

54 9.7 6.6 9.8

68 5.9 5.0 7.4





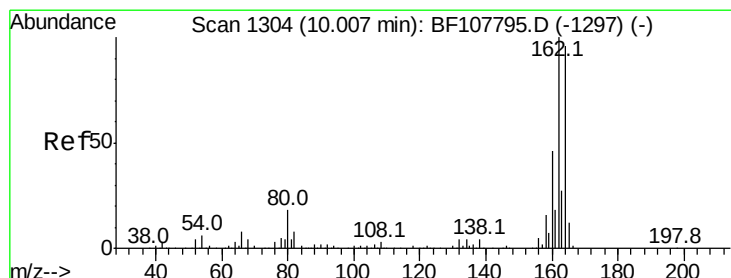
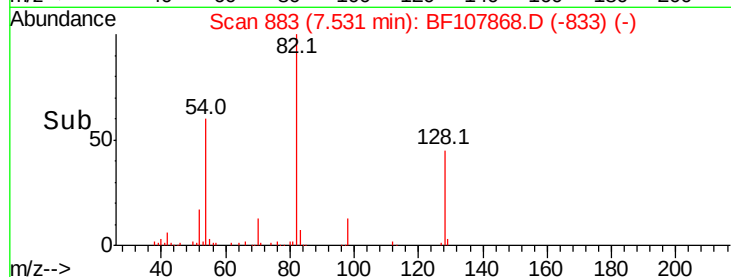
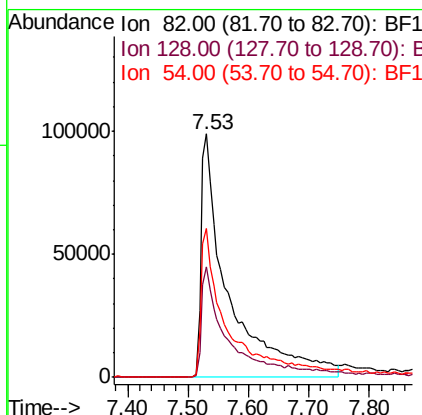
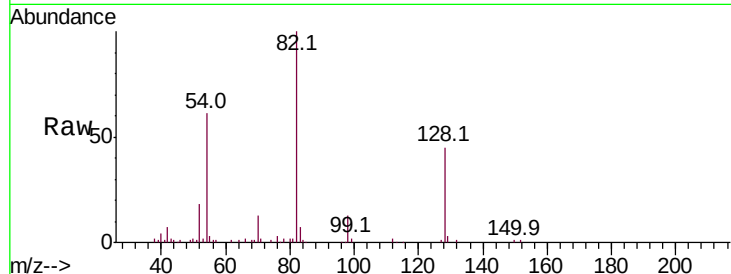
#23
 Nitrobenzene-d5
 Concen: 24.976 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF107868.D
 Acq: 31 Jul 2018 23:41

Instrument :
 BNA_F
 ClientSampleID :
 NB-08-073018-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	61.0	41.4	62.2

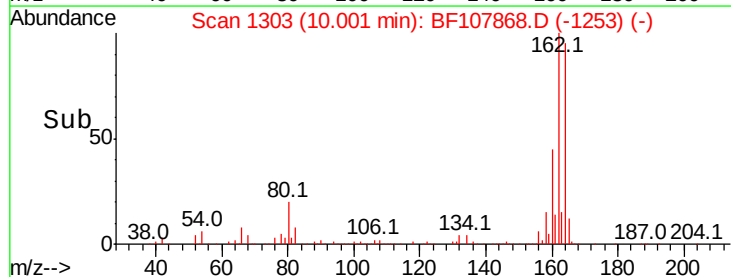
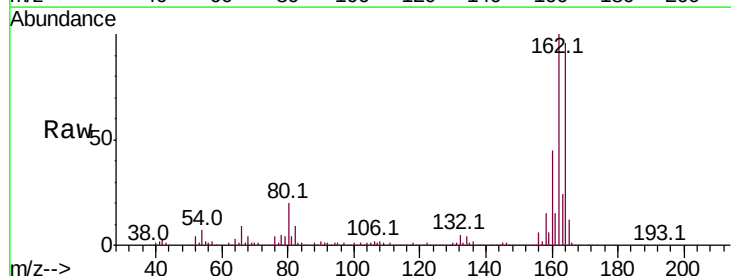
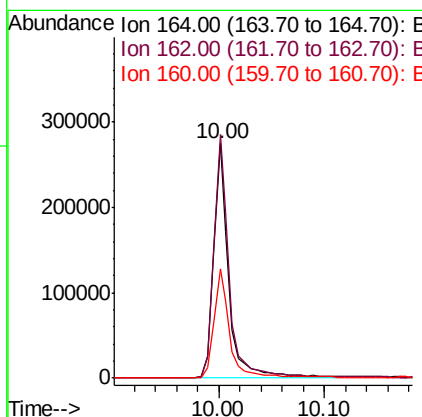
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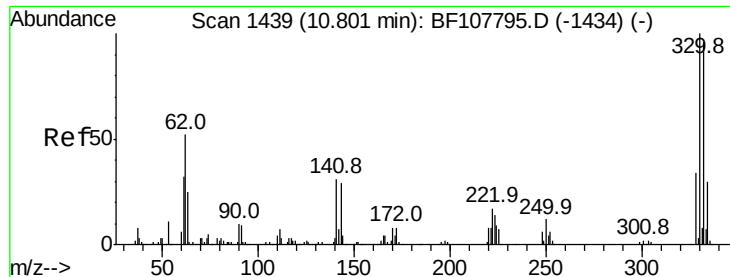
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107868.D
 Acq: 31 Jul 2018 23:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.9	38.3	57.5





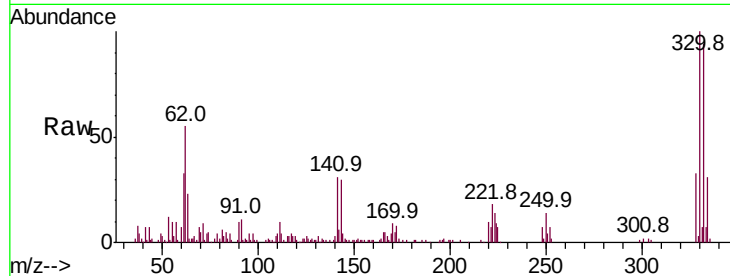
#41
 2,4,6-Tribromophenol
 Concen: 30.340 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107868.D
 Acq: 31 Jul 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-073018-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.0	115.6	
141	29.0	29.9	44.9	

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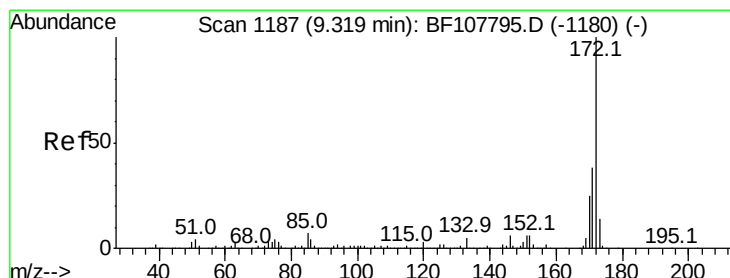
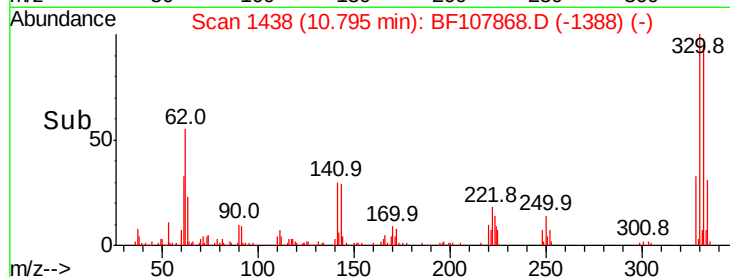
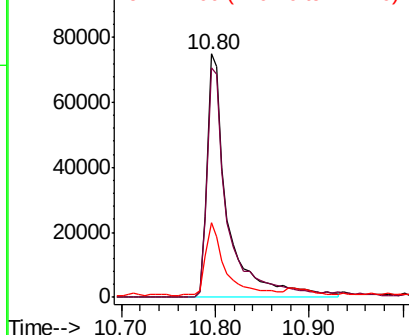


Abundance

Ion 329.80 (329.50 to 330.50): E

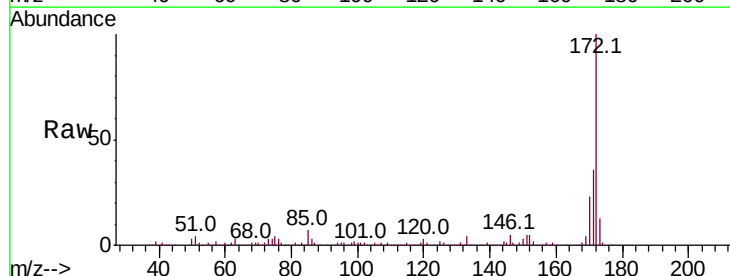
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 32.658 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107868.D
 Acq: 31 Jul 2018 23:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.7	44.5	
170	23.3	19.6	29.4	

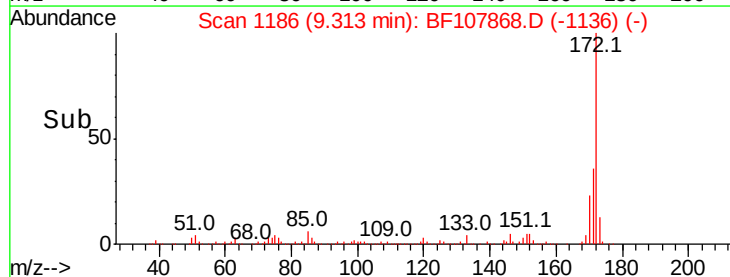
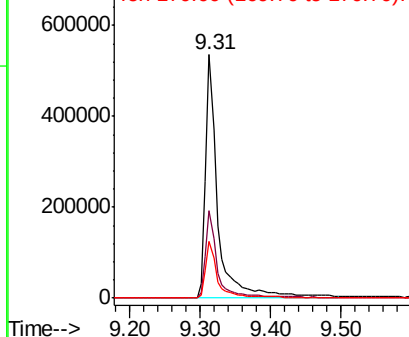


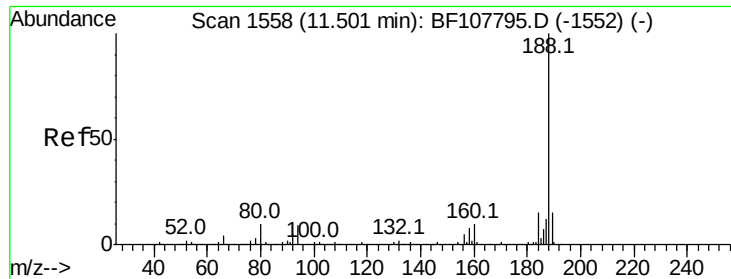
Abundance

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





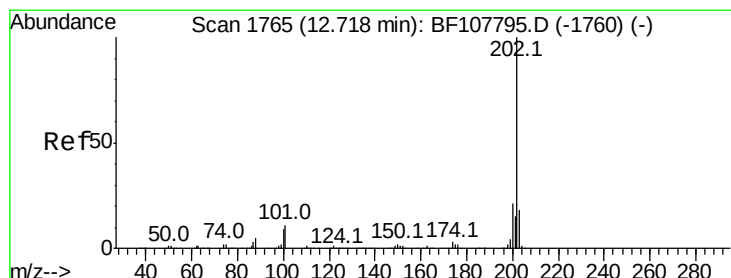
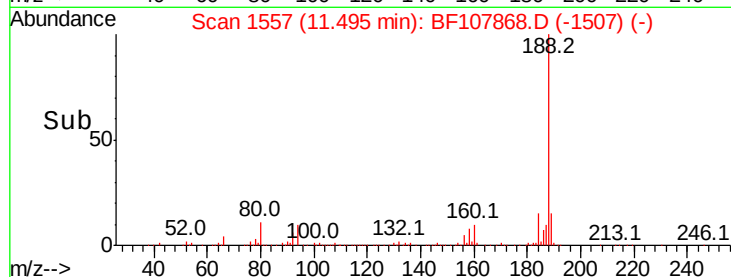
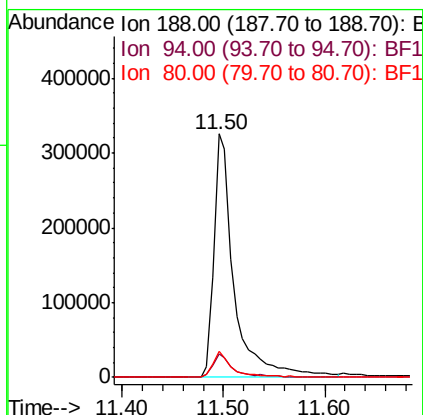
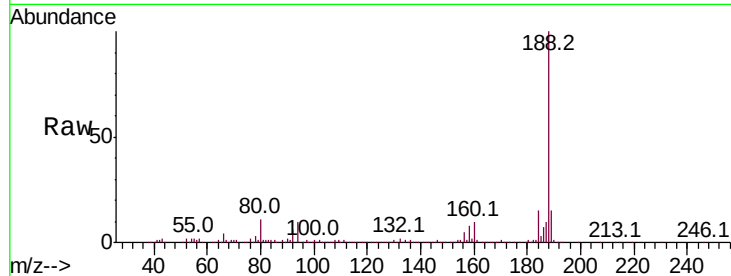
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107868.D
Acq: 31 Jul 2018 23:41

Instrument :
BNA_F
ClientSampleId :
NB-08-073018-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.7	9.2	13.8

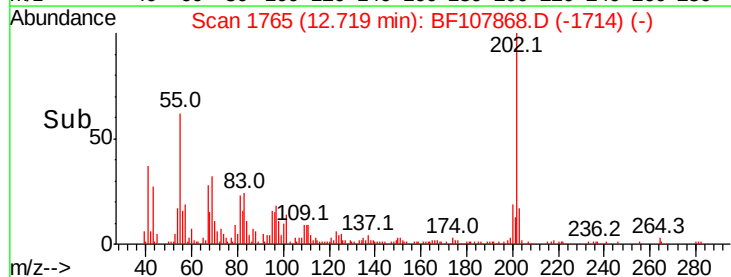
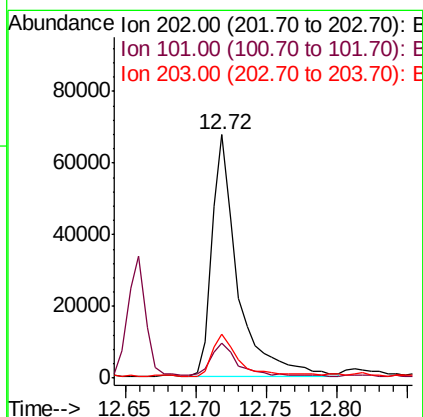
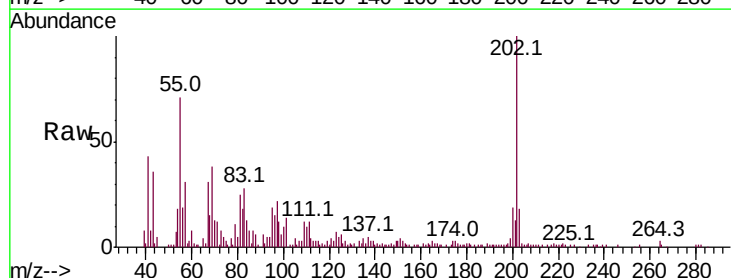
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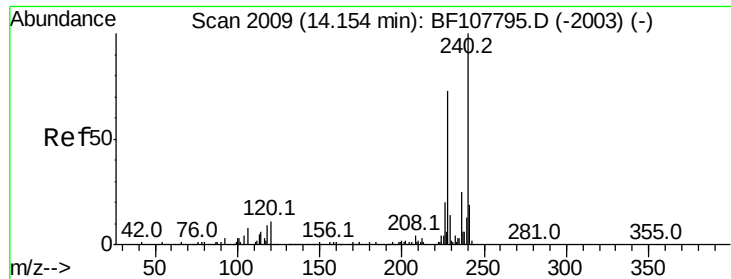
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#74
Fluoranthene
Concen: 3.403 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107868.D
Acq: 31 Jul 2018 23:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107868.D

Acq: 31 Jul 2018 23:41

Instrument :

BNA_F

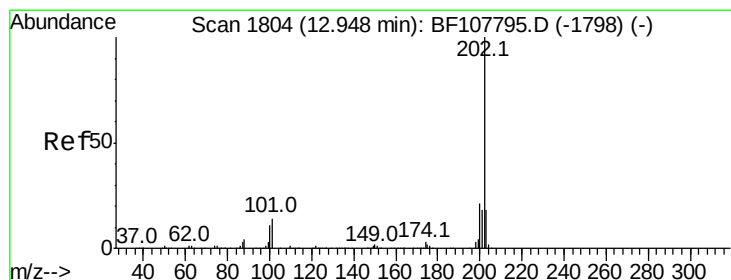
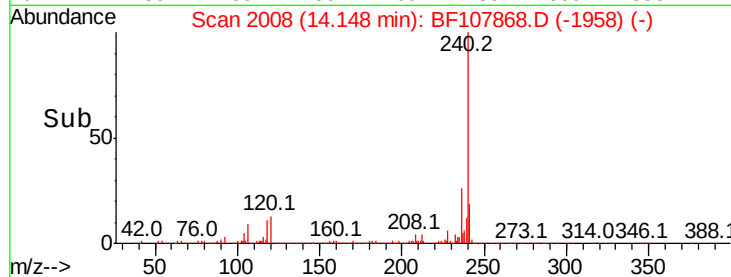
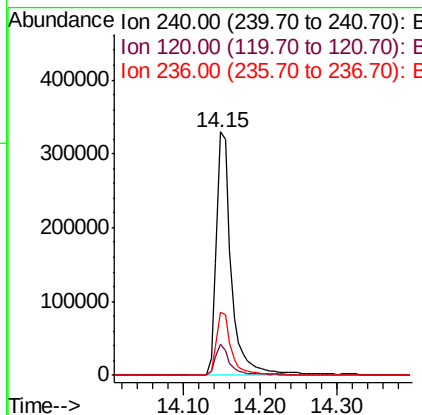
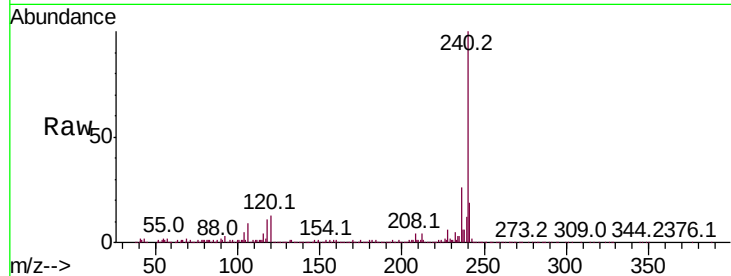
ClientSampleId :

NB-08-073018-B

Tot Ion:	240	Resp:	439155
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	25.7	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.697 ng

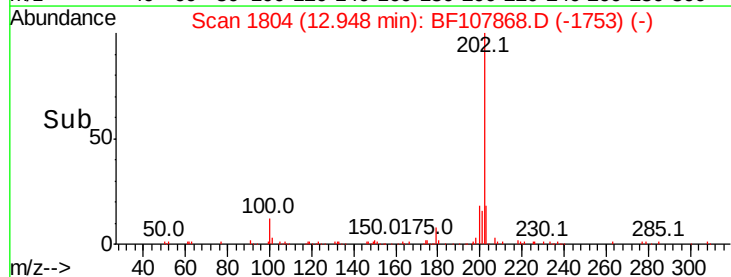
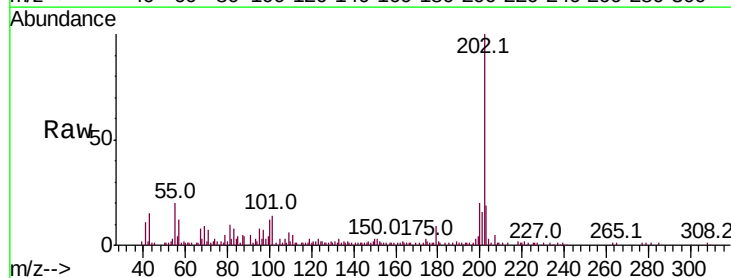
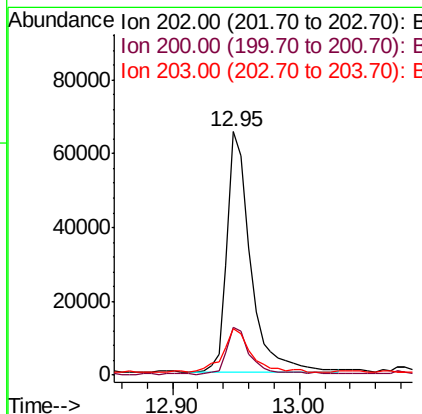
RT: 12.95 min Scan# 1804

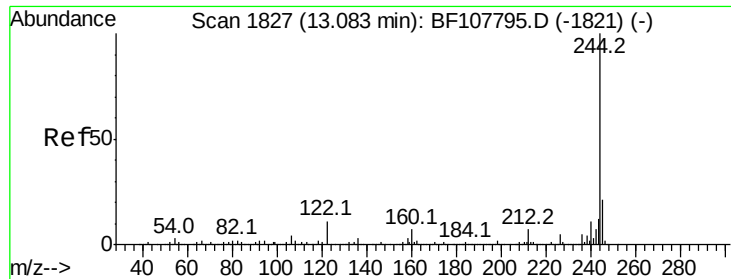
Delta R.T. 0.00 min

Lab File: BF107868.D

Acq: 31 Jul 2018 23:41

Tgt Ion:	202	Resp:	85282
Ion Ratio	Lower	Upper	
202	100		
200	19.6	17.4	26.2
203	19.0	14.3	21.5





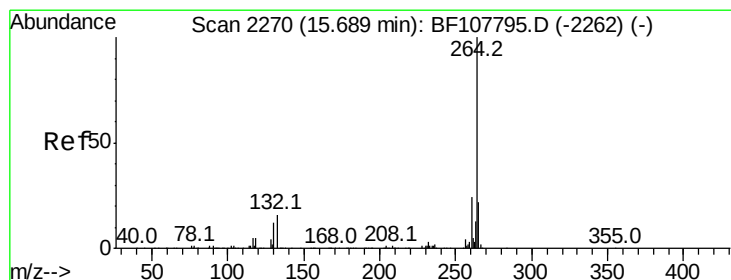
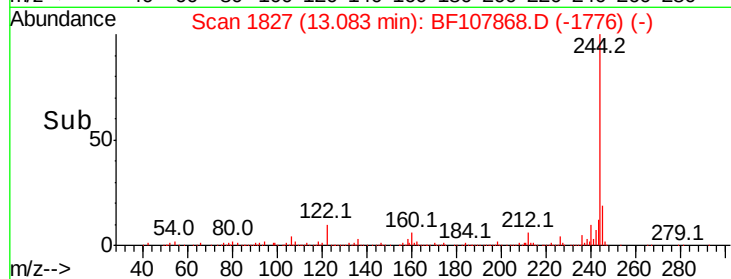
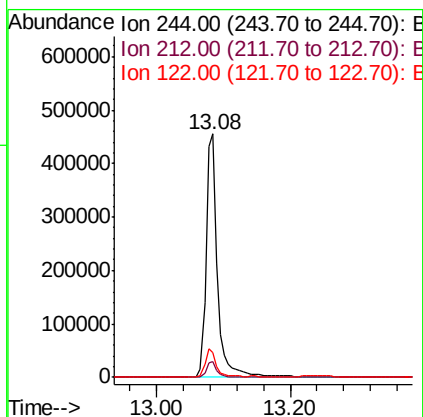
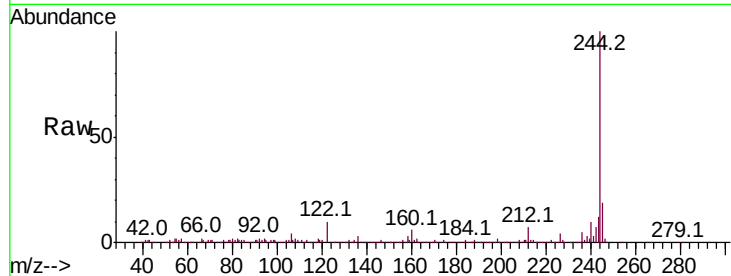
#78
 Terphenyl-d14
 Concen: 26.589 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF107868.D
 Acq: 31 Jul 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-073018-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.1	11.0	16.4

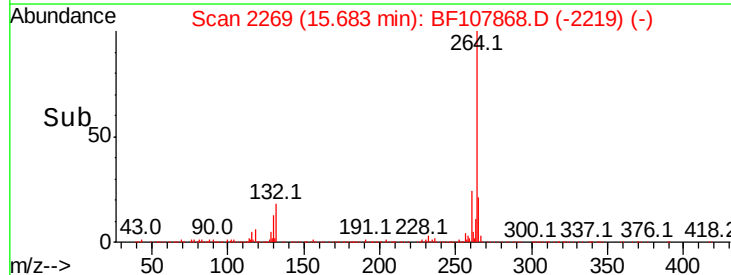
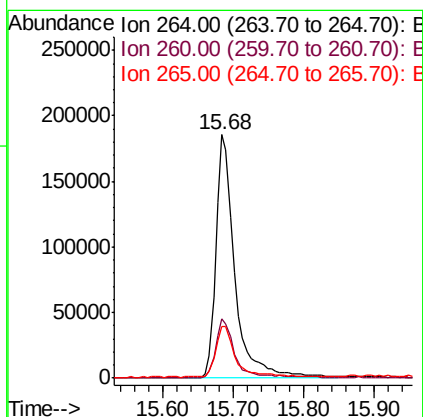
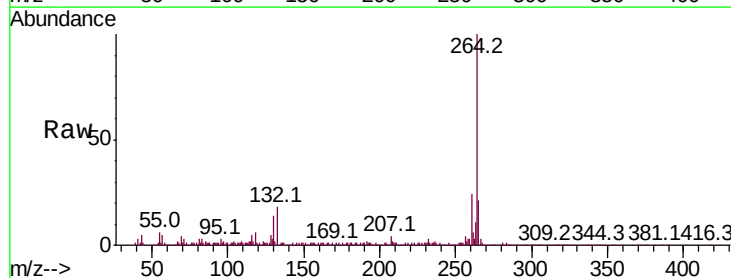
Manual Integrations
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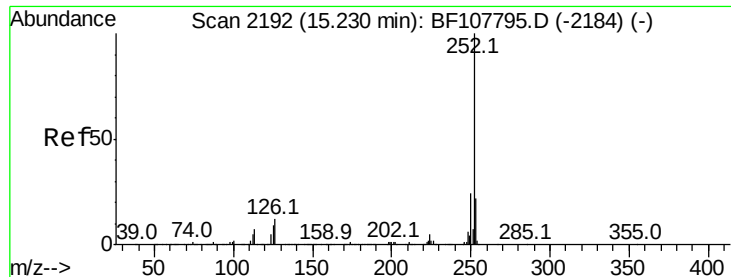
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF107868.D
 Acq: 31 Jul 2018 23:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3





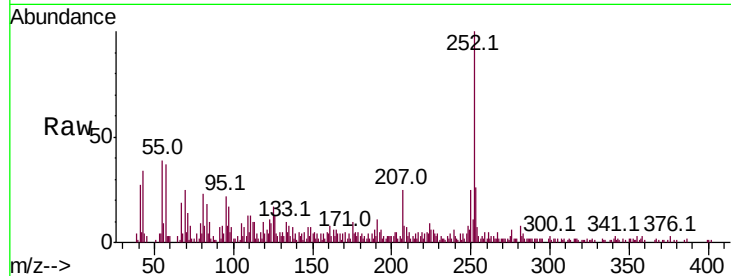
#87
 Benzo(b)fluoranthene
 Concen: 2.325 ng/ml
 RT: 15.23 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BF107868.D
 Acq: 31 Jul 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-073018-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.0	25.6#
125	17.0	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 8/1/2018 3:57:35 PM



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

