

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107965.D
 Acq On : 4 Aug 2018 4:06
 Operator : JU/SJ
 Sample : J4297-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Manual Integrations
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 8/6/2018 5:06:12 PM

Quant Time: Aug 06 03:28:19 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	6.97	152	86437	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	204917	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	4548	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	163895m	20.00	ng	0.05
75) Chrysene-d12	14.17	240	260409	20.00	ng	0.01
86) Perylene-d12	15.70	264	192208	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	702456	138.12	ng	0.00
7) Phenol-d6	6.60	99	850314	126.86	ng	0.00
23) Nitrobenzene-d5	7.53	82	354420	99.64	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	101083	1635.70	ng	0.05
44) 2-Fluorobiphenyl	9.34	172	434093	1330.04	ng	0.02
78) Terphenyl-d14	13.10	244	790460	65.82	ng	0.02
Target Compounds						
74) Fluoranthene	12.76	202	59235	6.479	ng	73
77) Pyrene	12.98	202	132067	7.043	ng	# 70

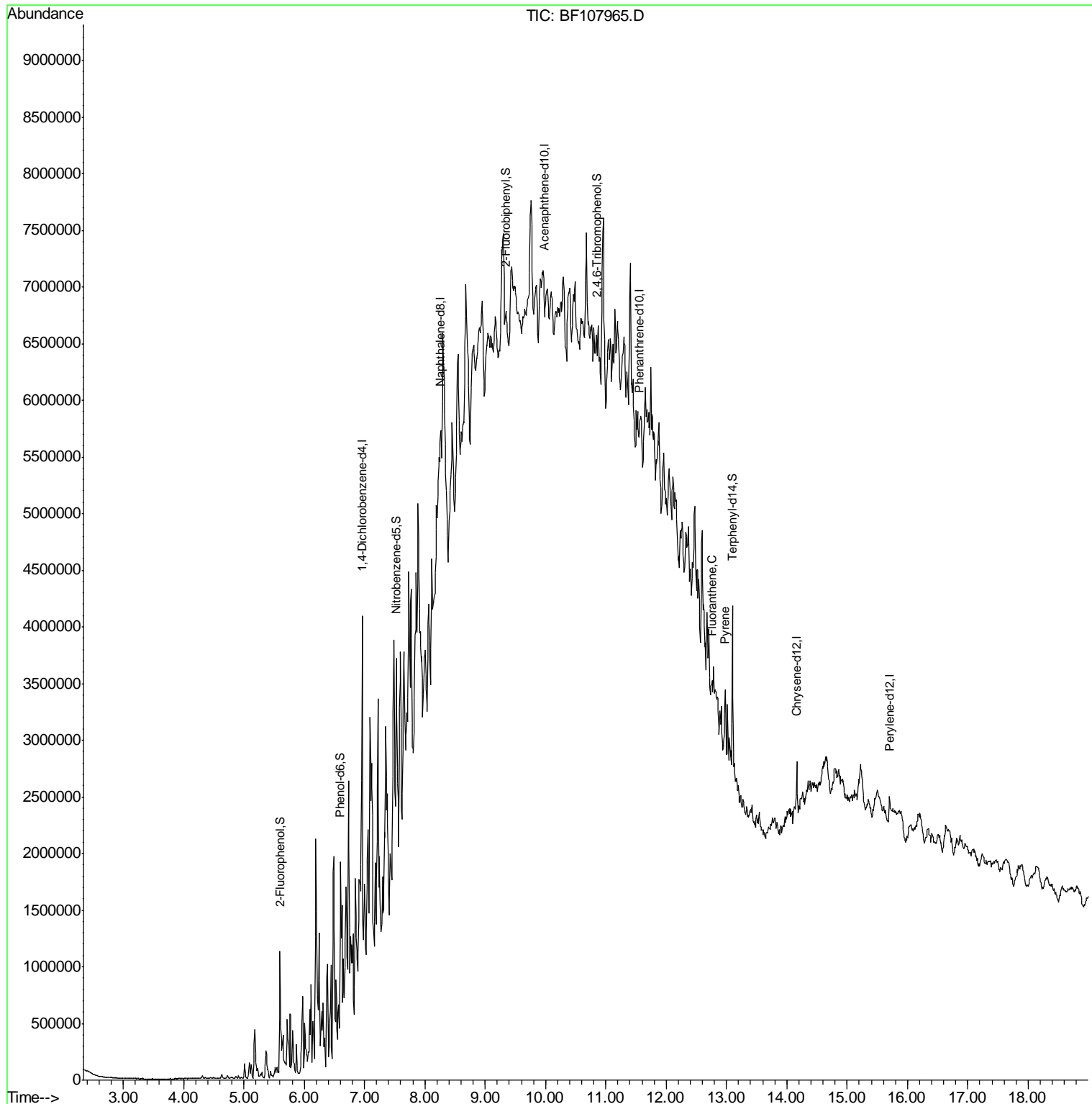
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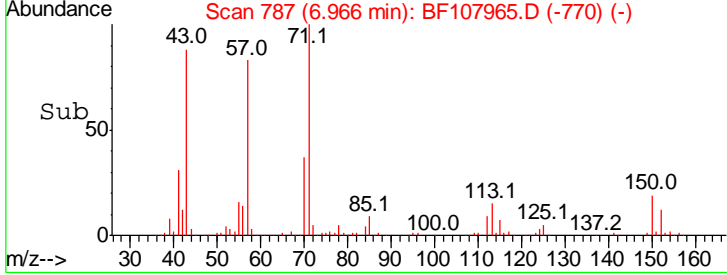
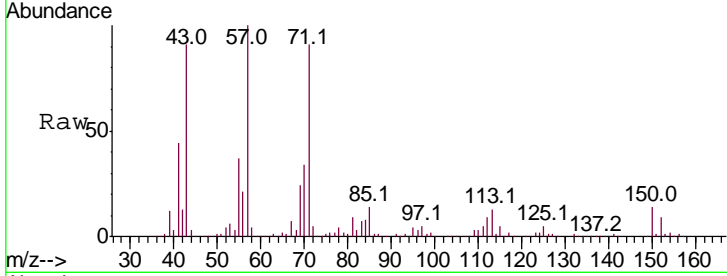
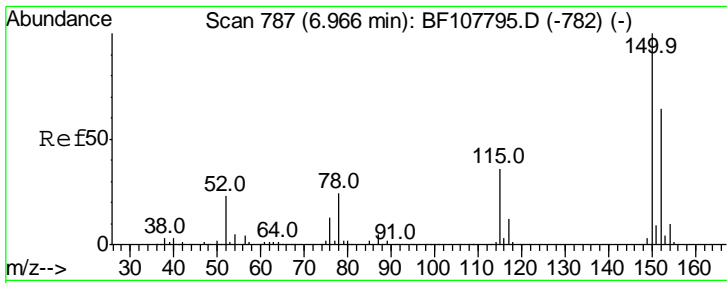
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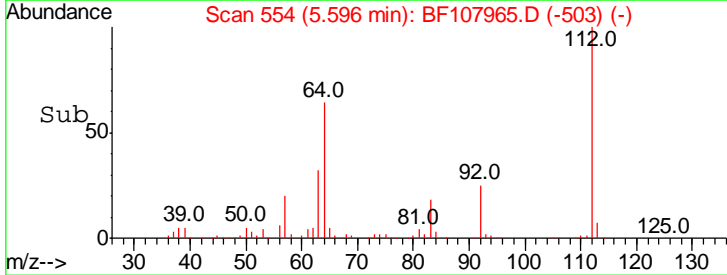
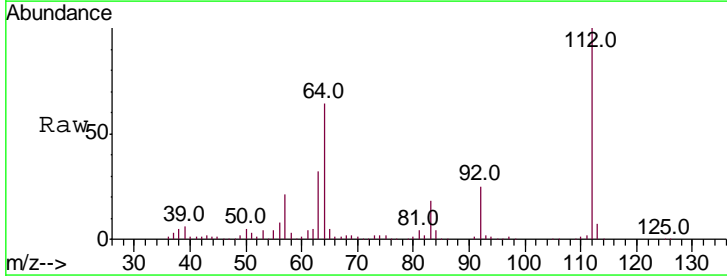
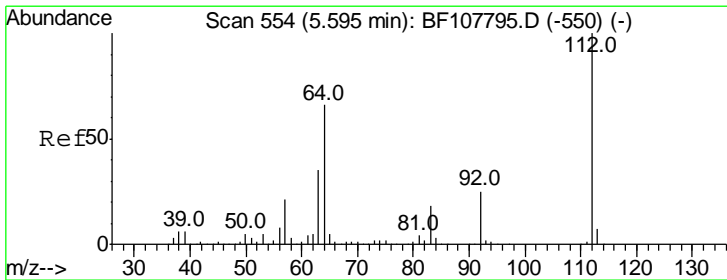
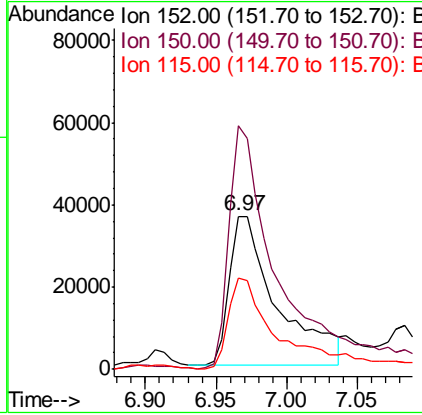


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Tgt Ion	Resp	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	59.3	50.1	75.1

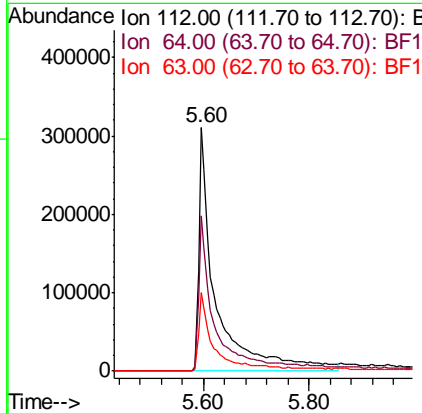
Instrument : BNA_F
 ClientSampled : TP-4

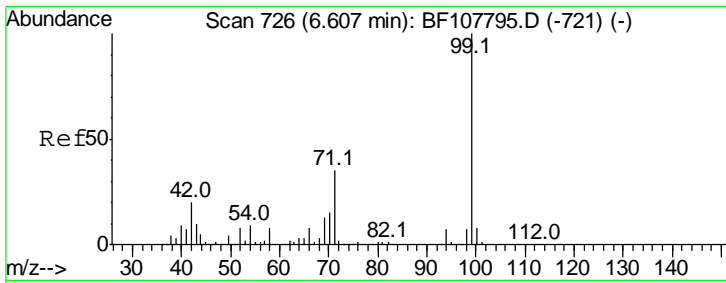
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#5
 2-Fluorophenol
 Concen: 138.119 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Tgt Ion	Resp	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	32.3	23.7	35.5





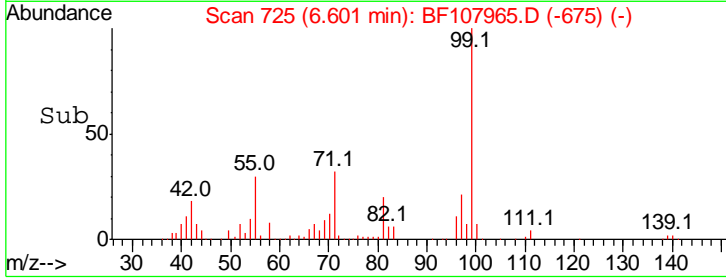
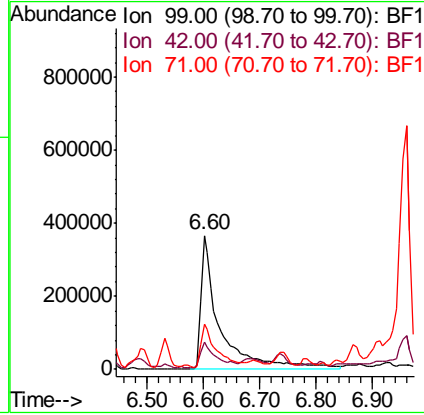
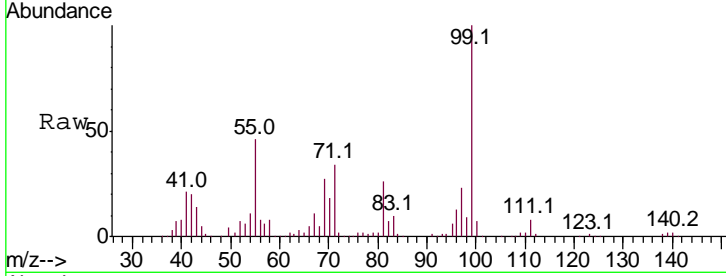
#7
 Phenol-d6
 Concen: 126.858 ng
 RT: 6.60 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tgt Ion	Resp	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.7	25.4	38.0

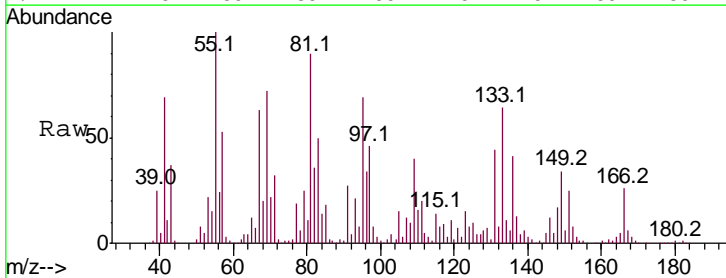
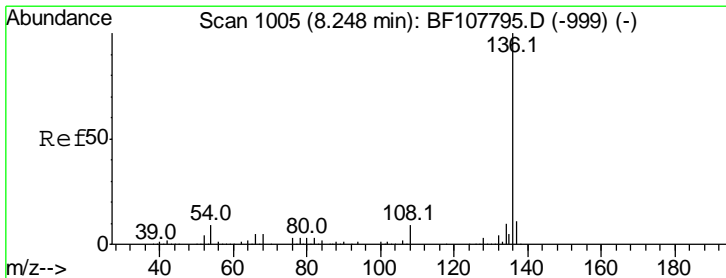
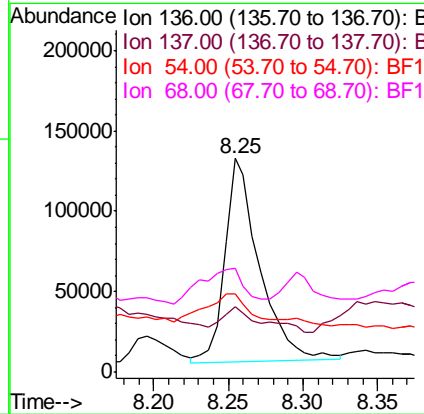
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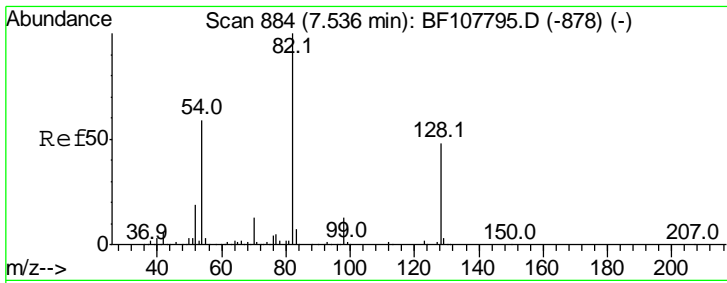
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#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.25 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Tgt Ion	Resp	Lower	Upper
136	100		
137	30.9	8.9	13.3#
54	36.6	6.6	9.8#
68	48.7	5.0	7.4#





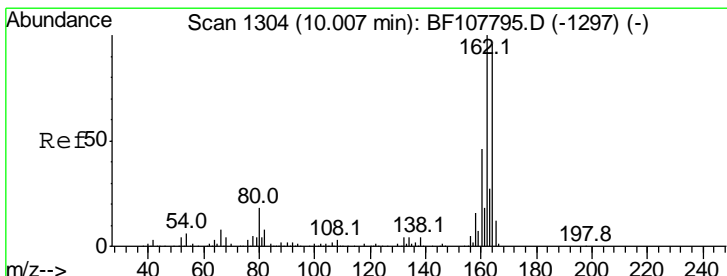
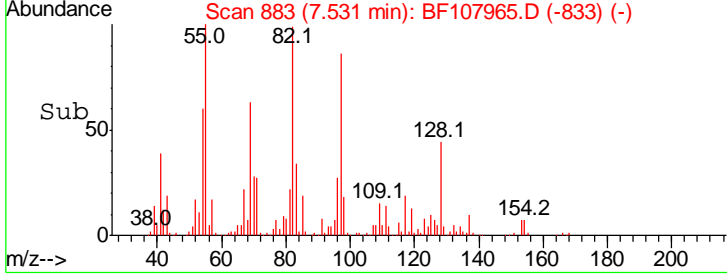
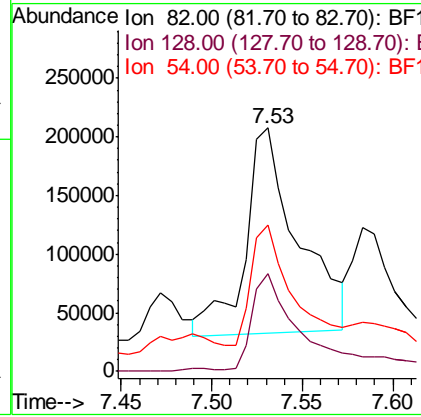
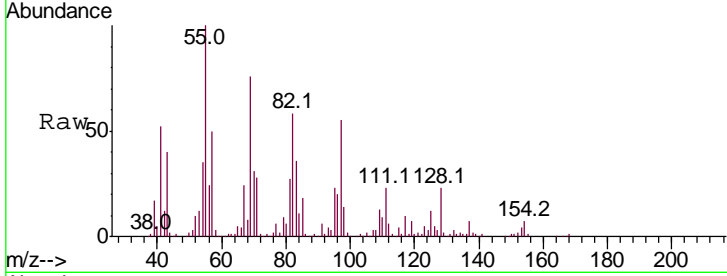
#23
 Nitrobenzene-d5
 Concen: 99.642 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tgt Ion: 82 Resp: 354420

Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.1	54.1
54	60.1	41.4	62.2

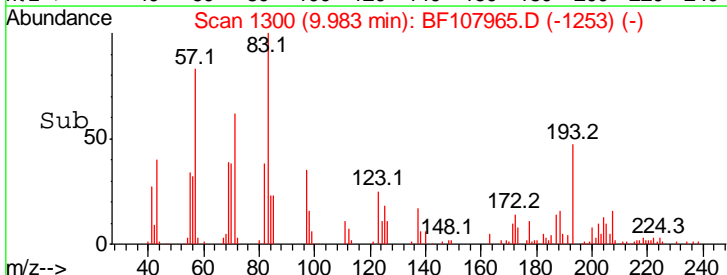
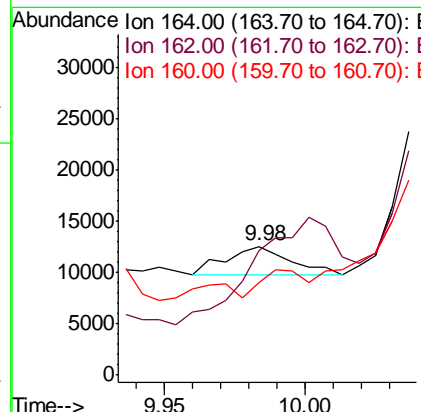
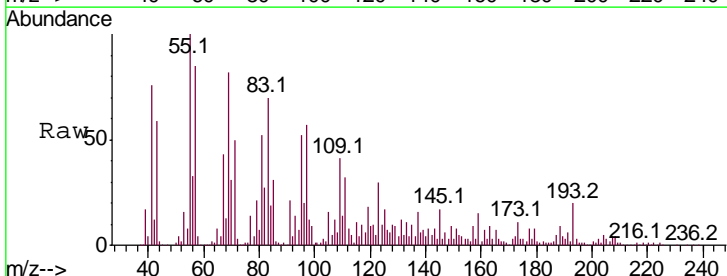
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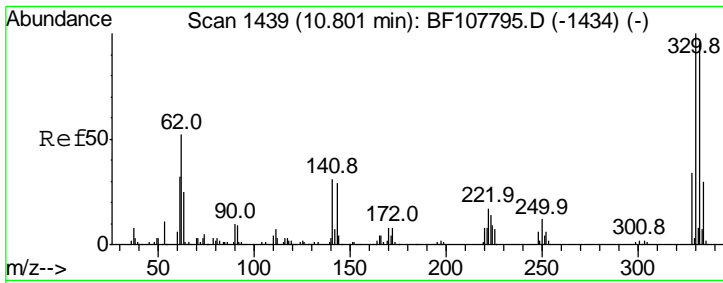


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Tgt Ion: 164 Resp: 4548

Ion	Ratio	Lower	Upper
164	100		
162	96.6	86.1	129.1
160	71.8	38.3	57.5#



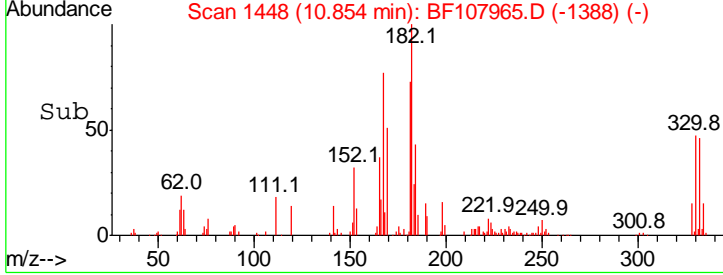
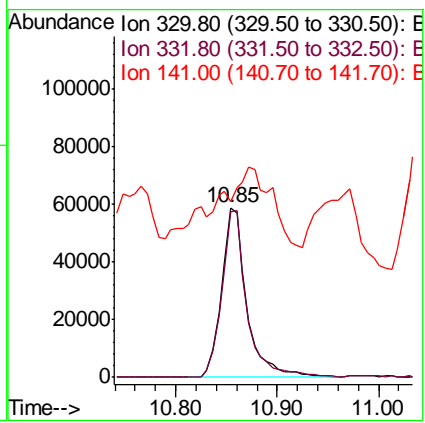
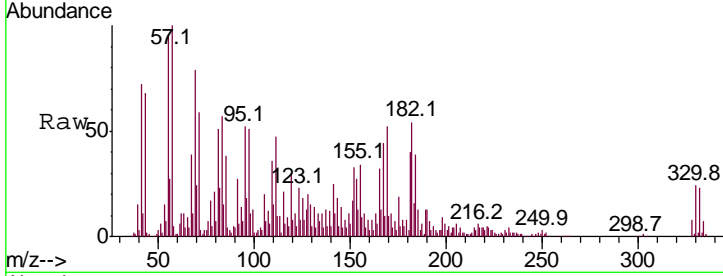


#41
 2,4,6-Tribromophenol
 Concen: 1635.696 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.05 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Instrument :
 BNA_F
 ClientSampled :
 TP-4

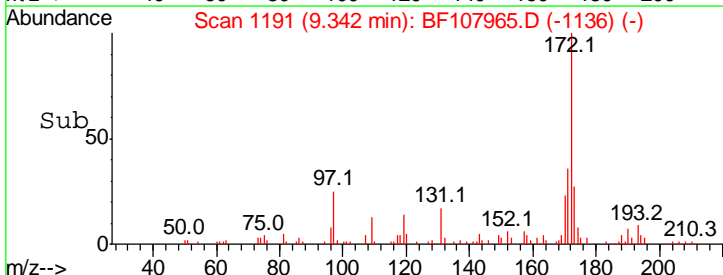
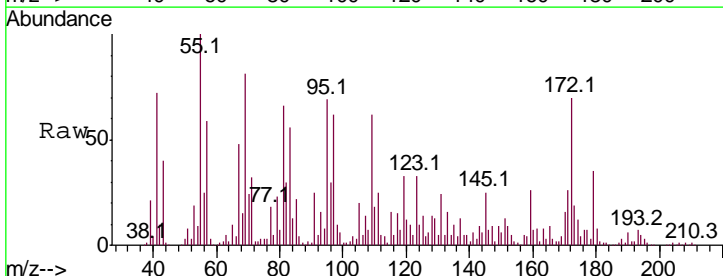
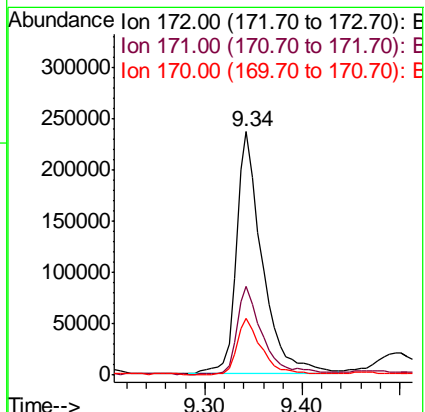
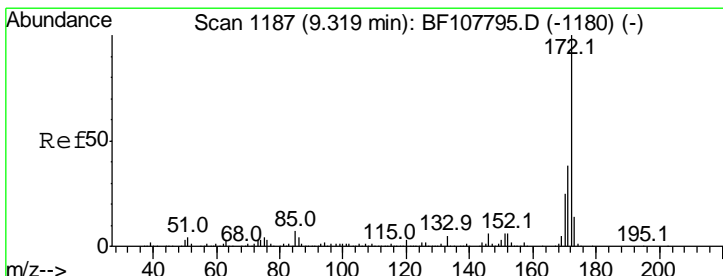
Tgt Ion	Resp	Lower	Upper
330	101083		
332	97.4	77.0	115.6
141	84.5	29.9	44.9#

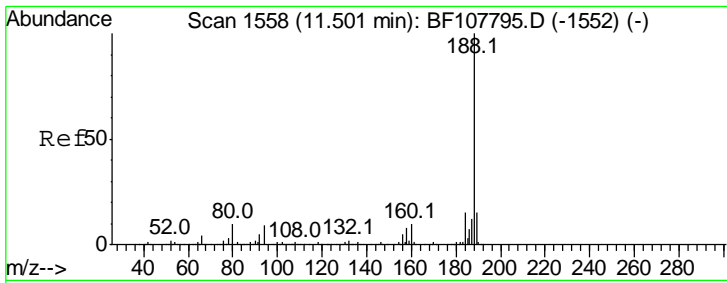
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#44
 2-Fluorobiphenyl
 Concen: 1330.045 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. 0.02 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

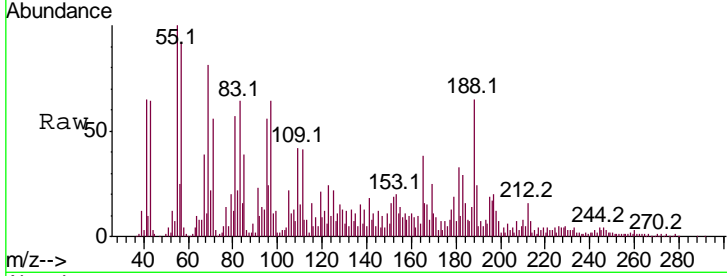
Tgt Ion	Resp	Lower	Upper
172	434093		
171	36.5	29.7	44.5
170	23.4	19.6	29.4





#63
 Phenanthrene-d10
 Concen: 20.000 ng m
 RT: 11.55 min Scan# 1566
 Delta R.T. 0.05 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Instrument :
 BNA_F
 ClientSampled :
 TP-4

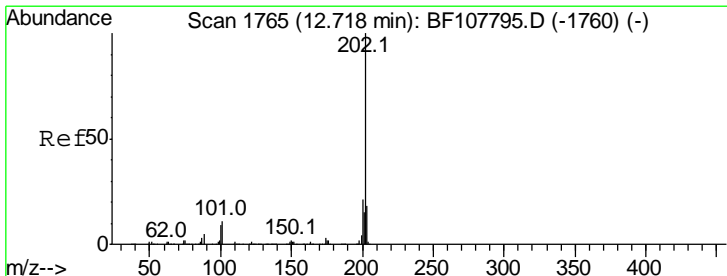
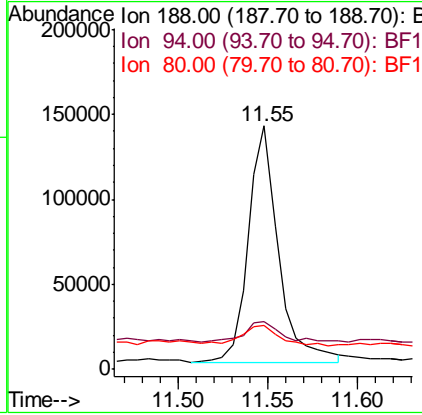
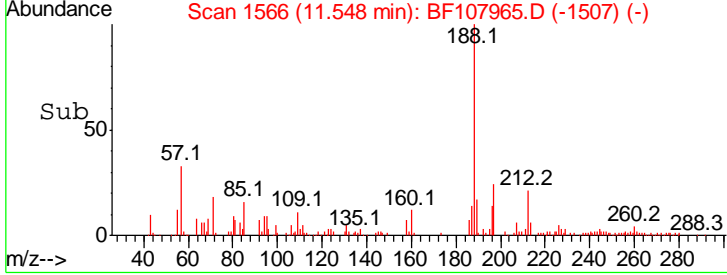


Tgt Ion: 188 Resp: 163895

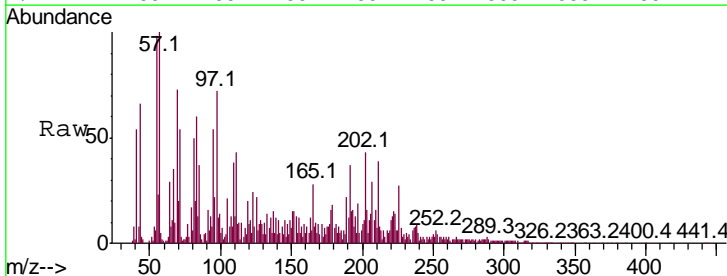
Ion	Ratio	Lower	Upper
188	100		
94	19.7	8.5	12.7#
80	18.1	9.2	13.8#

Manual Integrations
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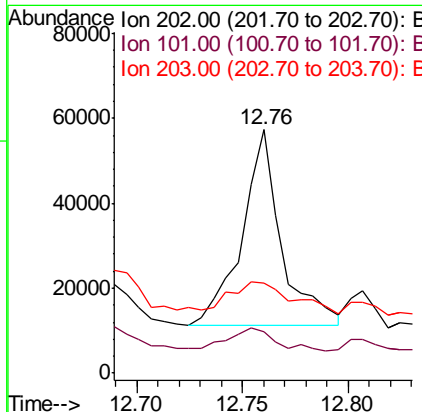
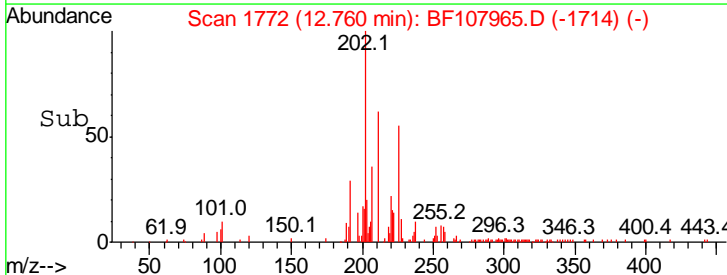


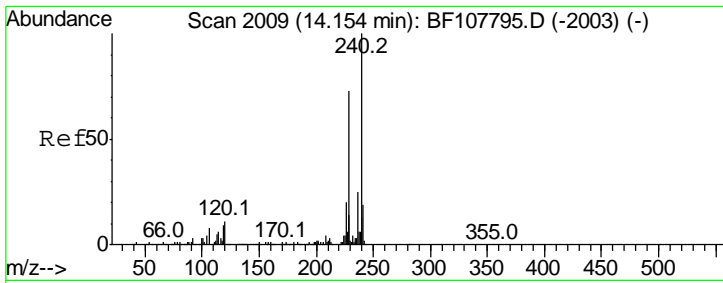
#74
 Fluoranthene
 Concen: 6.479 ng
 RT: 12.76 min Scan# 1772
 Delta R.T. 0.04 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06



Tgt Ion: 202 Resp: 59235

Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	34.1
203	37.2	0.0	38.1





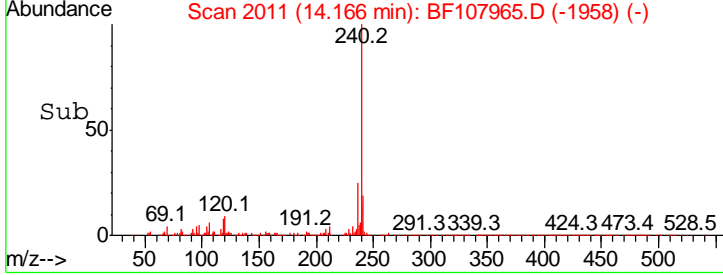
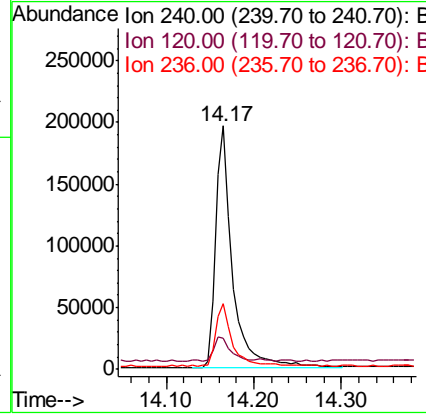
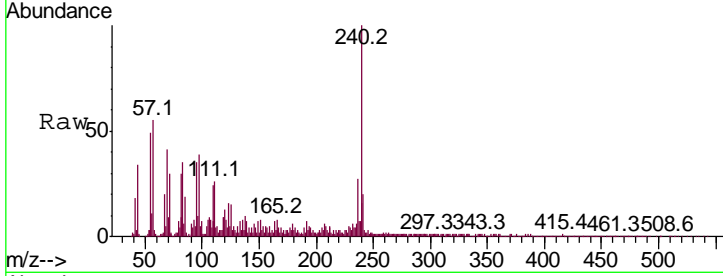
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Instrument :
 BNA_F
ClientSampled :
 TP-4

Tgt Ion	Resp	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.8	20.7	31.1

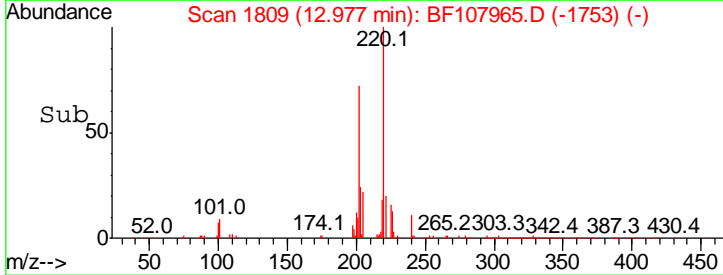
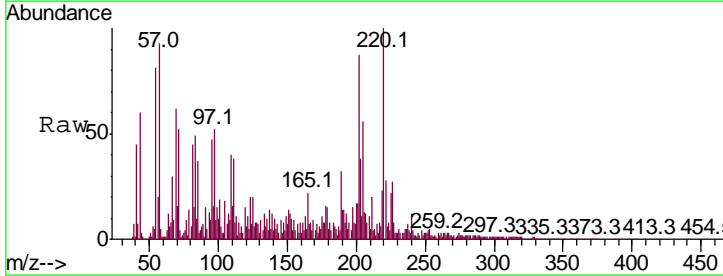
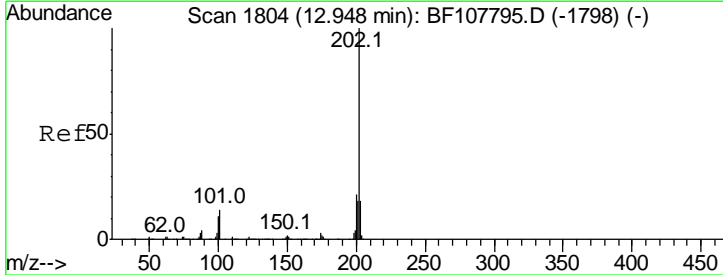
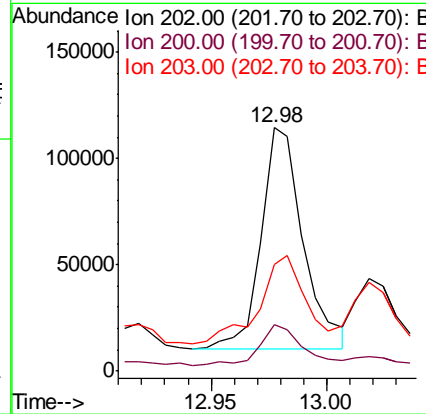
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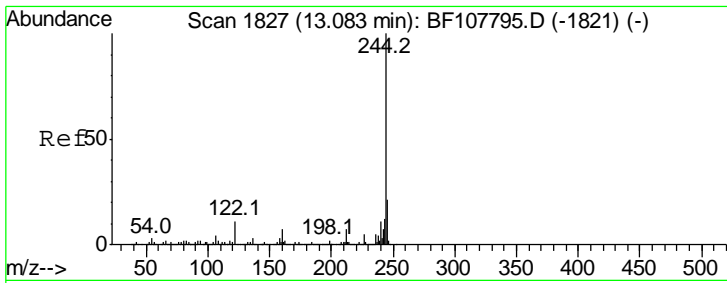
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#77
 Pyrene
 Concen: 7.043 ng
 RT: 12.98 min Scan# 1809
 Delta R.T. 0.03 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Tgt Ion	Resp	Lower	Upper
202	100		
200	19.1	17.4	26.2
203	44.0	14.3	21.5#





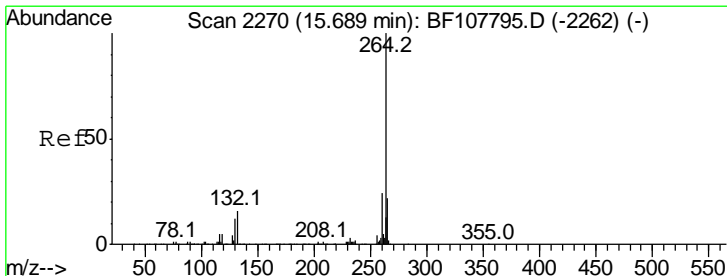
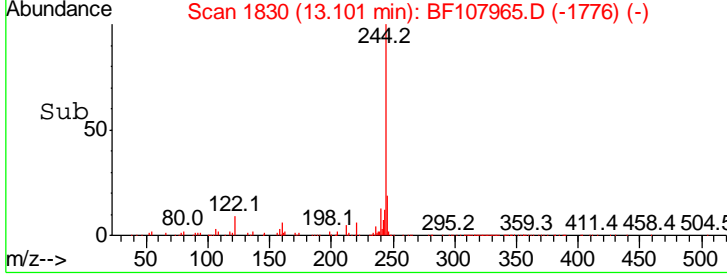
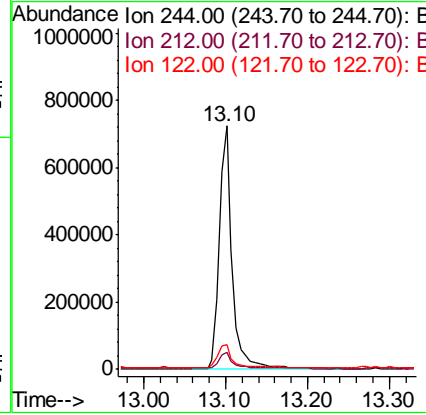
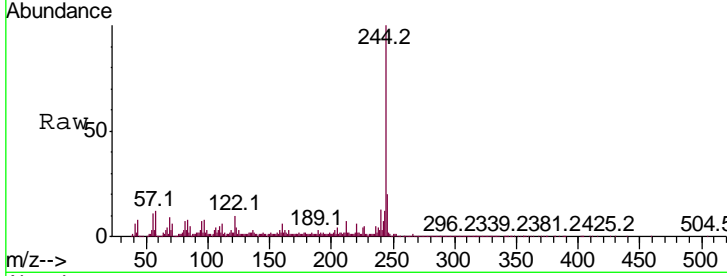
#78
 Terphenyl-d14
 Concen: 65.822 ng
 RT: 13.10 min Scan# 1830
 Delta R.T. 0.02 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Instrument :
 BNA_F
ClientSampled :
 TP-4

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.0	11.0	16.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF107965.D
 Acq: 4 Aug 2018 4:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.5	17.5	26.3

