

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103299.D
 Acq On : 28 Feb 2018 18:03
 Operator : SJ/JU
 Sample : J1403-07 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-022718

Manual Integrations
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Sohil
 3/1/2018 11:43:07 AM

Quant Time: Mar 01 00:38:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145815	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	605773	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	235482	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	343993	20.00	ng	0.00
75) Chrysene-d12	14.06	240	223891	20.00	ng	0.00
86) Perylene-d12	15.56	264	222504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	116327	12.07	ng	0.00
7) Phenol-d6	6.51	99	140318	11.89	ng	0.00
23) Nitrobenzene-d5	7.44	82	85887	8.10	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	18531	9.30	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	130331	5.52	ng	0.00
78) Terphenyl-d14	12.99	244	66308	7.12	ng	0.00
Target Compounds						
57) Fluorene	10.46	166	37459	2.287	ng	99
70) Phenanthrene	11.43	178	183777	9.708	ng	99
71) Anthracene	11.48	178	46802	2.411	ng	98
74) Fluoranthene	12.62	202	138538	7.282	ng	97
77) Pyrene	12.85	202	118109	6.766	ng	99
80) Benzo(a)anthracene	14.04	228	52376	3.605	ng	96
82) Chrysene	14.08	228	43391	3.076	ng	94
87) Benzo(b)fluoranthene	15.12	252	52544m	3.592	ng	
89) Benzo(a)pyrene	15.50	252	38022	2.910	ng	# 86

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

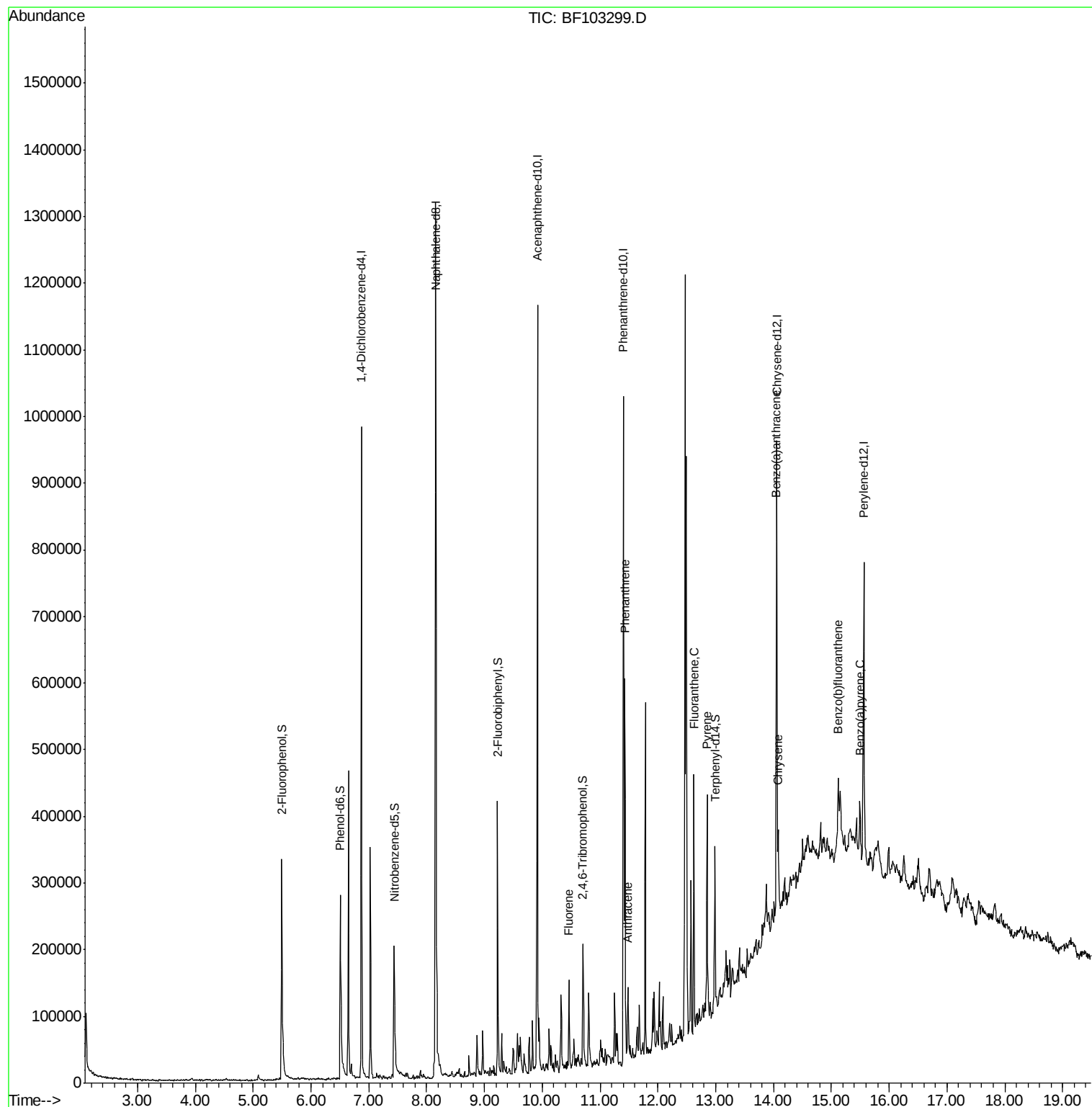
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103299.D
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ALS Vial : 7 Sample Multiplier: 1

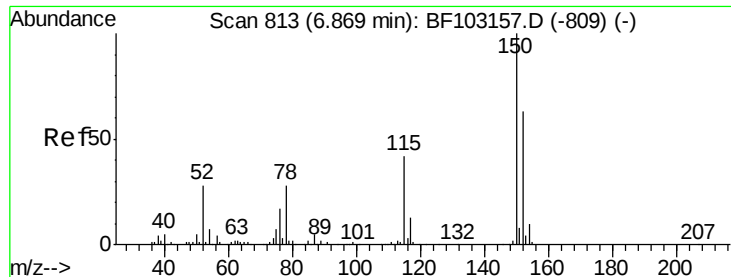
Instrument :
BNA_F
ClientSampleId :
SU-03-022718

Manual Integrations
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3/1/2018 11:43:07 AM

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#1

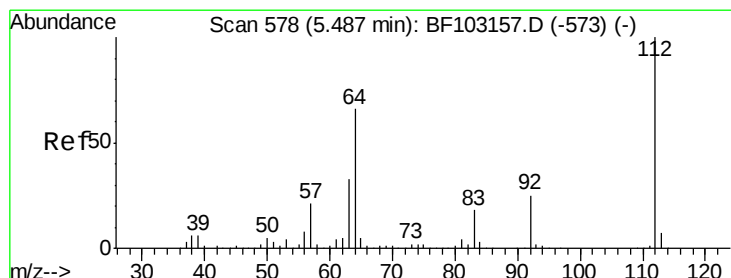
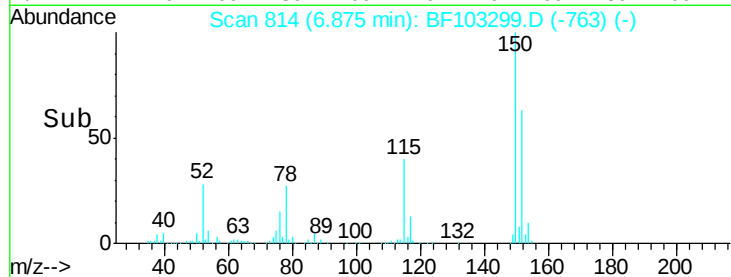
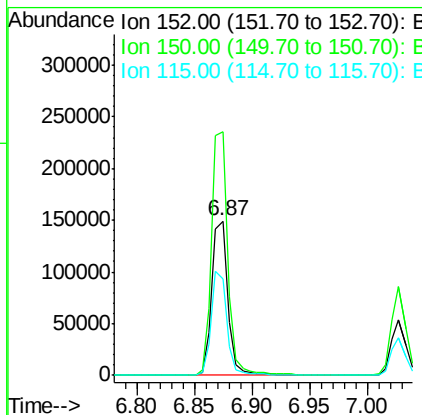
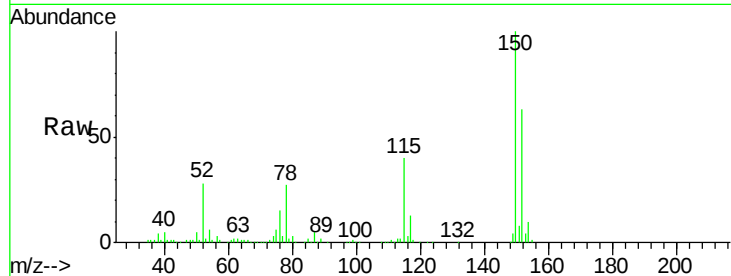
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Instrument :
BNA_F
ClientSampleId :
SU-03-022718

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	62.4	50.1	75.1

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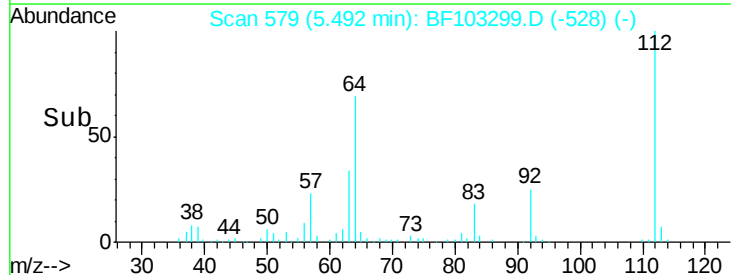
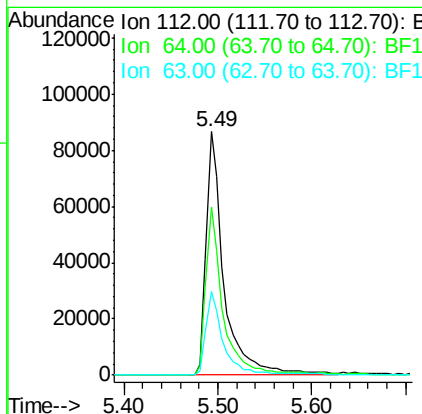
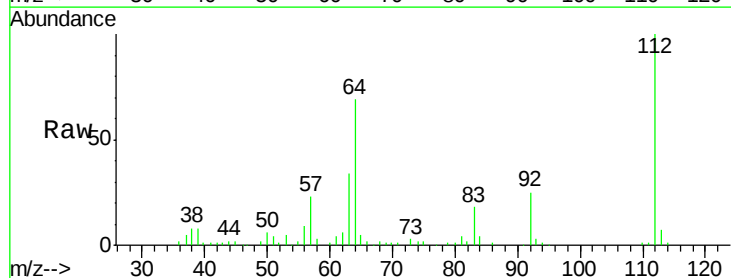
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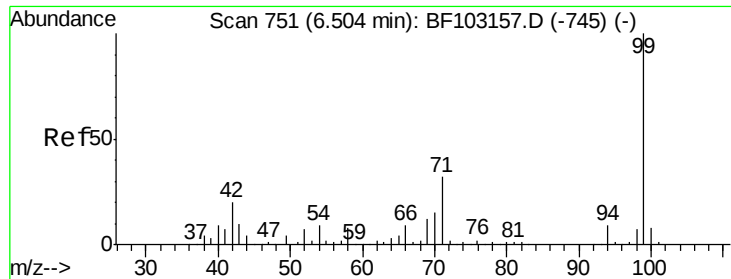


#5

2-Fluorophenol
Concen: 12.066 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	47.9	71.9
63	34.1	23.7	35.5





#7

Phenol-d6

Concen: 11.894 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103299.D

Acq: 28 Feb 2018 18:03

Instrument :

BNA_F

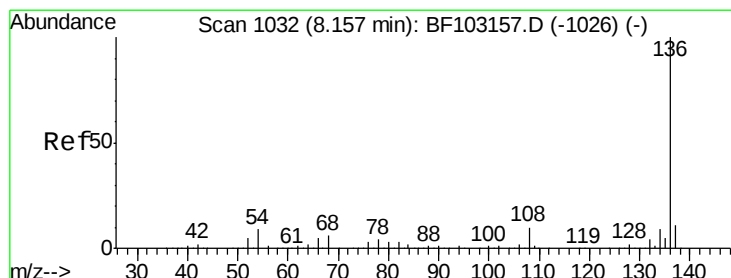
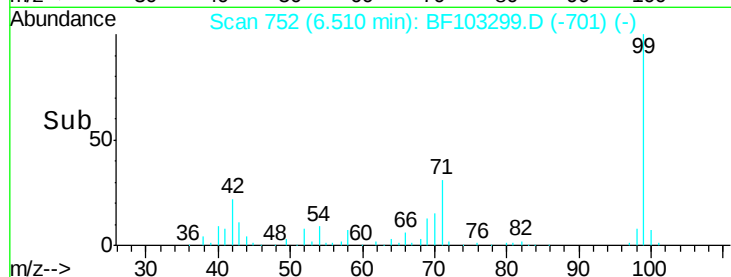
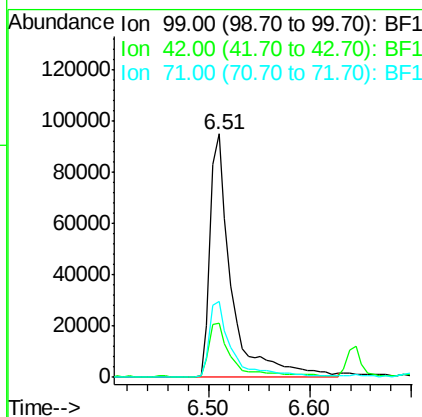
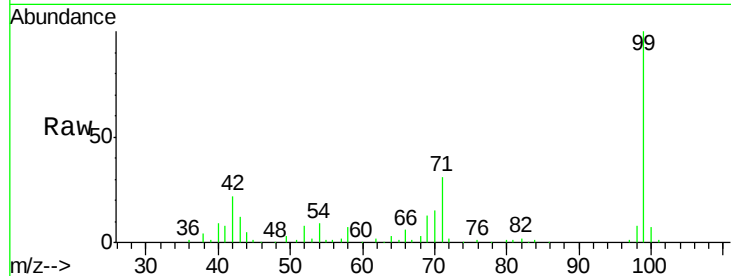
ClientSampleId :

SU-03-022718

Tot Ion:	99	Resp:	140318
Ion Ratio	Lower	Upper	
99	100		
42	22.2	14.5	21.7#
71	31.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

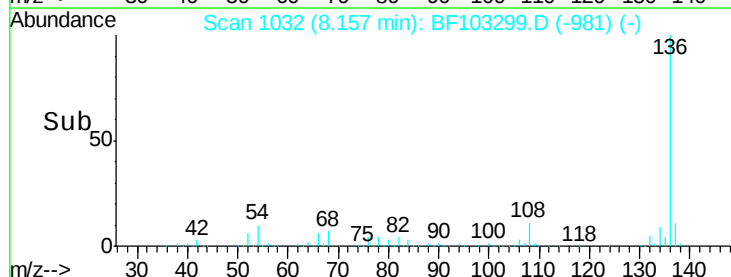
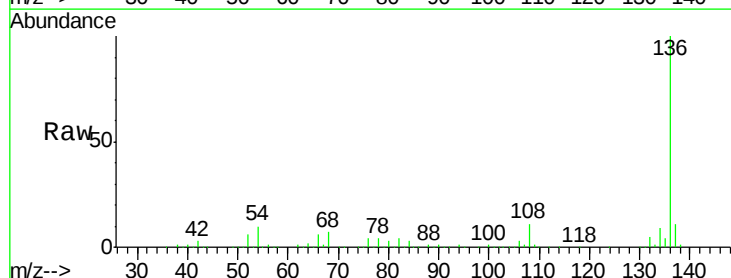
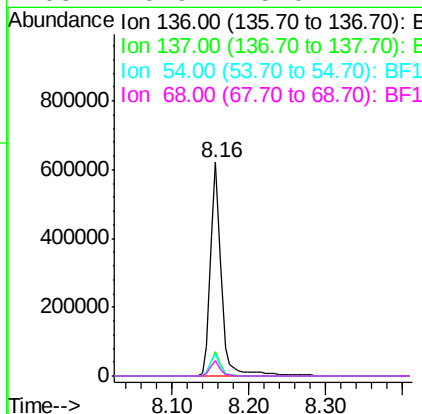
RT: 8.16 min Scan# 1032

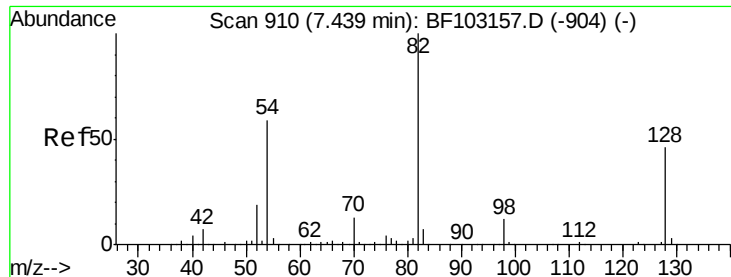
Delta R.T. -0.00 min

Lab File: BF103299.D

Acq: 28 Feb 2018 18:03

Tgt Ion:	136	Resp:	605773
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	9.9	6.6	9.8#
68	6.9	5.0	7.4





#23

Nitrobenzene-d5

Concen: 8.097 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103299.D

Acq: 28 Feb 2018 18:03

Instrument :

BNA_F

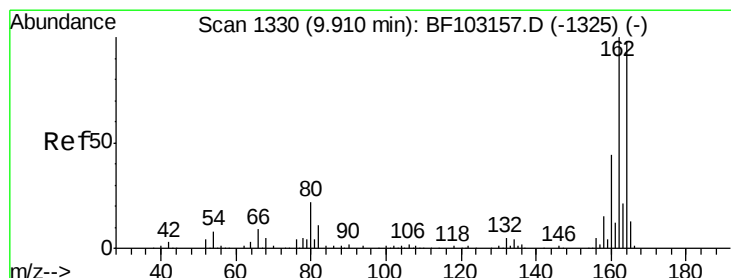
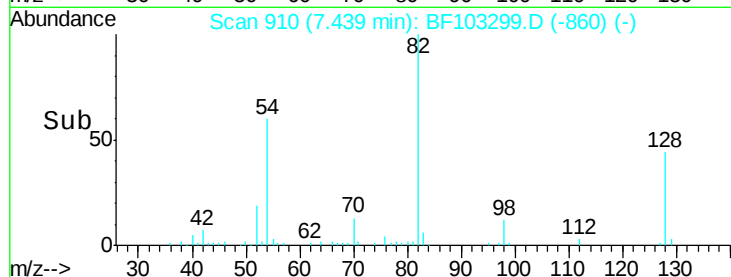
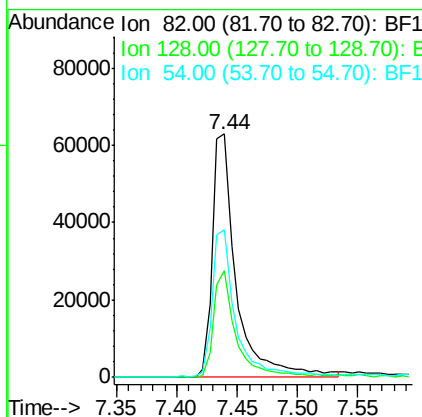
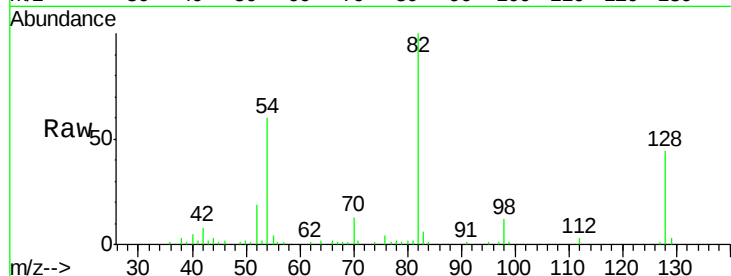
ClientSampleId :

SU-03-022718

Tot Ion:	82	Resp:	85887
Ion Ratio	Lower	Upper	
82	100		
128	43.6	36.1	54.1
54	60.5	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

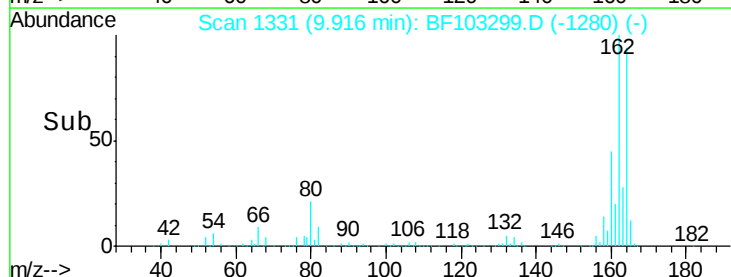
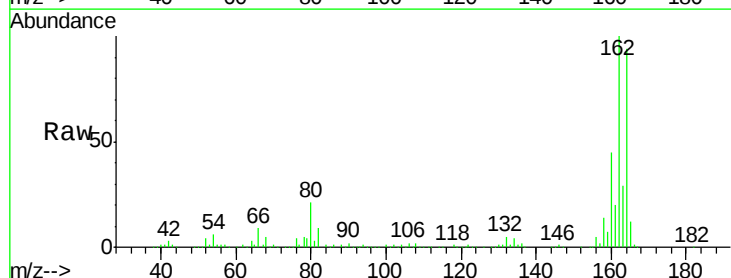
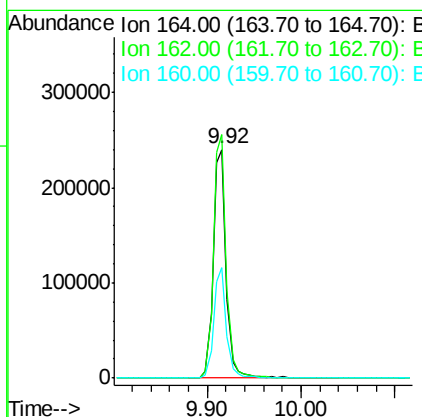
RT: 9.92 min Scan# 1331

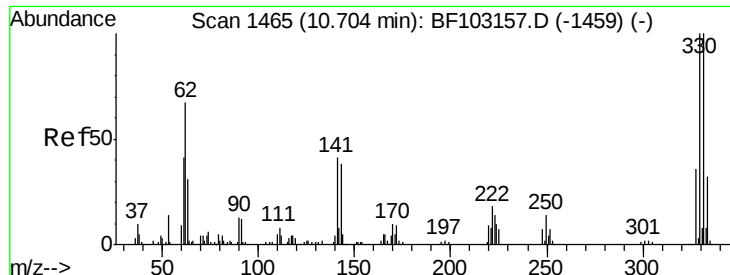
Delta R.T. -0.00 min

Lab File: BF103299.D

Acq: 28 Feb 2018 18:03

Tgt Ion:	164	Resp:	235482
Ion Ratio	Lower	Upper	
164	100		
162	106.6	86.1	129.1
160	48.4	38.3	57.5





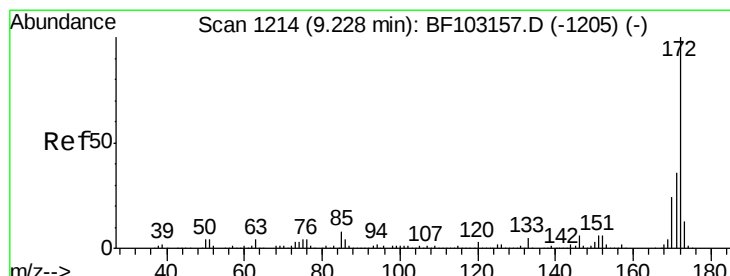
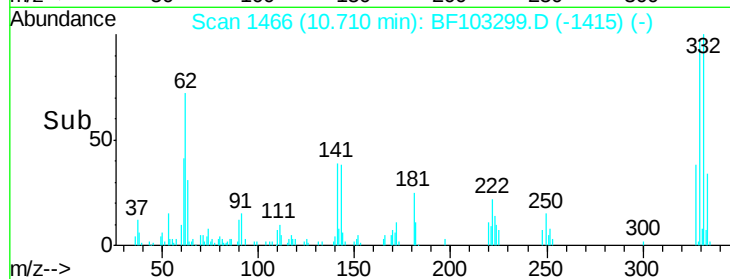
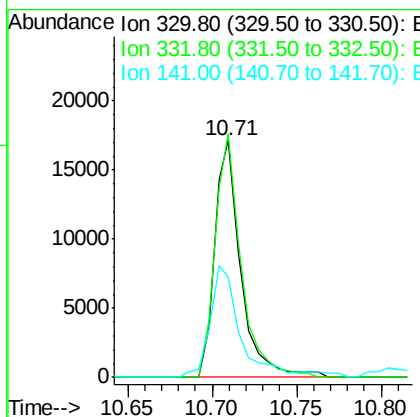
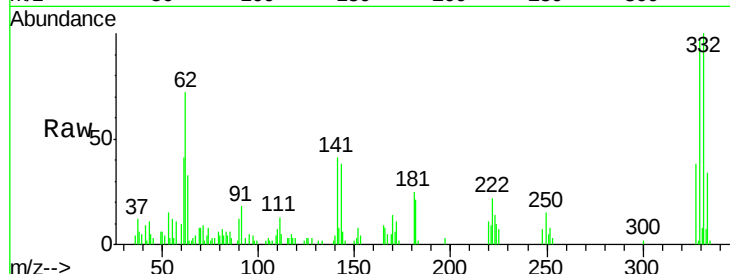
#41
 2,4,6-Tribromophenol
 Concen: 9.297 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-022718

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.9	77.0	115.6	
141	54.1	29.9	44.9	

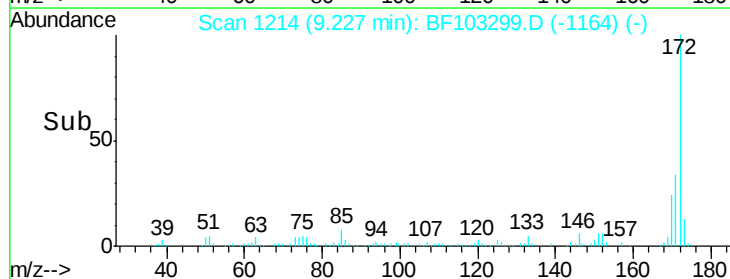
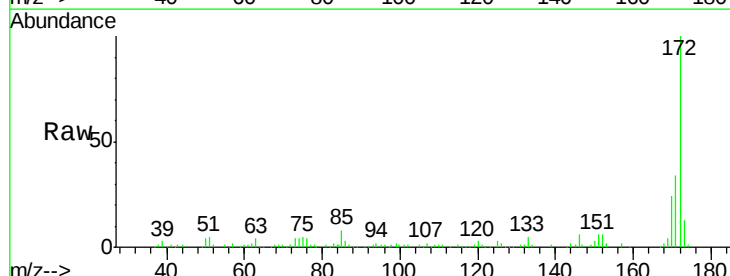
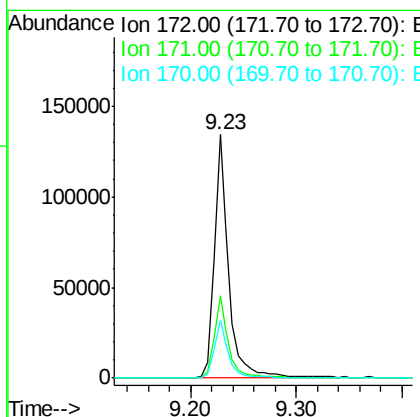
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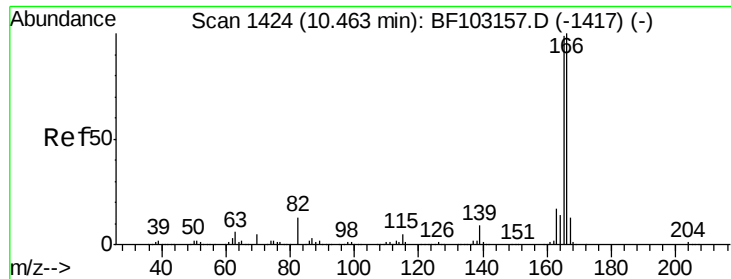
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#44
 2-Fluorobiphenyl
 Concen: 5.524 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.6	29.7	44.5	
170	24.1	19.6	29.4	





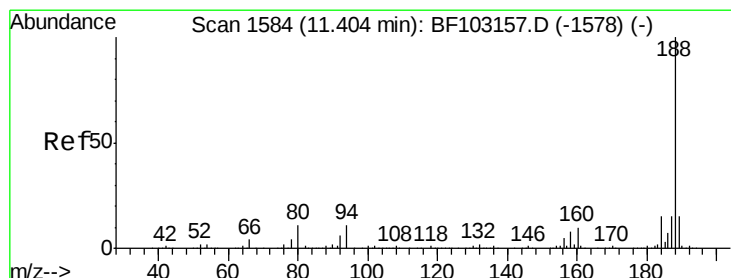
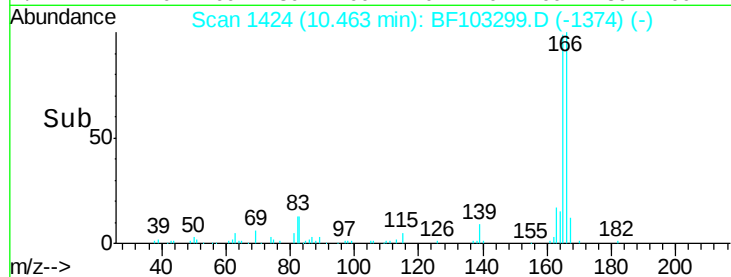
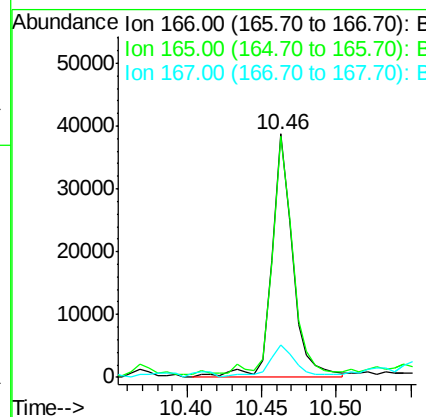
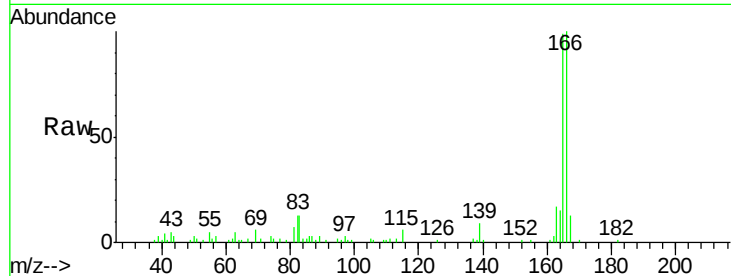
#57
Fluorene
 Concen: 2.287 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-022718

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.3	10.6	16.0

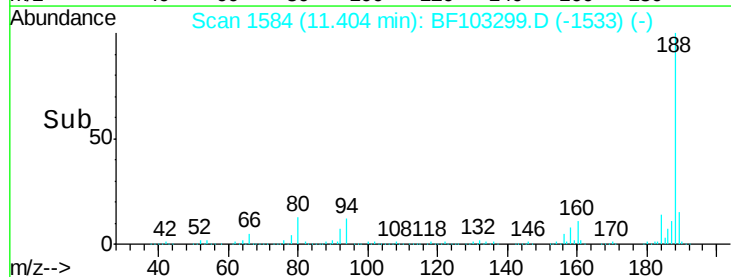
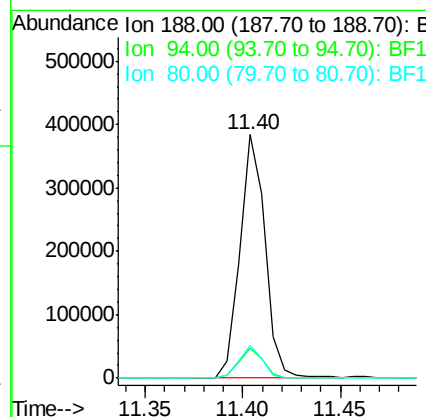
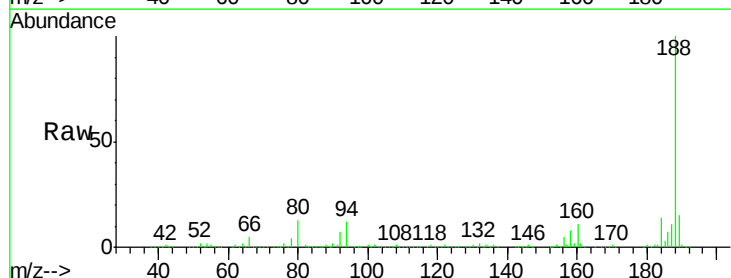
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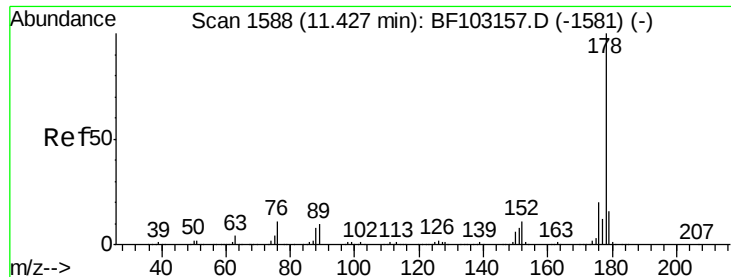
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	13.3	9.2	13.8





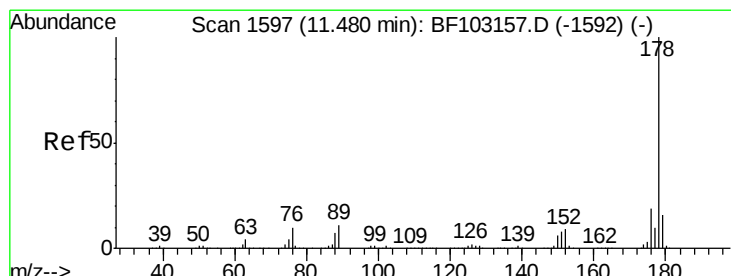
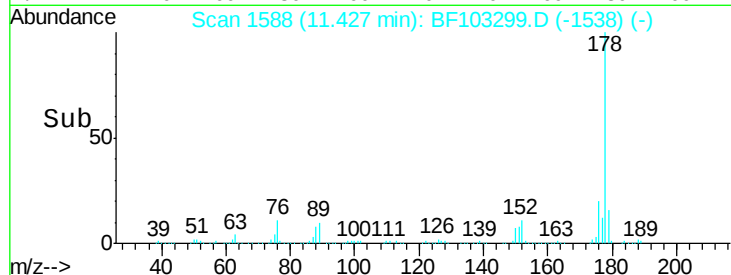
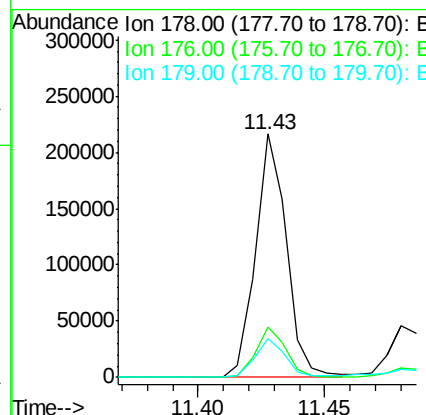
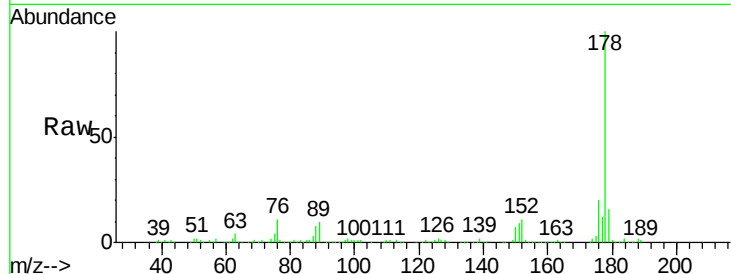
#70
Phenanthrene
Concen: 9.708 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Instrument :
BNA_F
ClientSampleId :
SU-03-022718

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	16.2	13.0	19.6

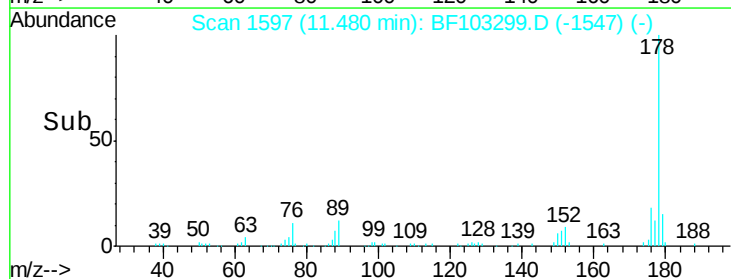
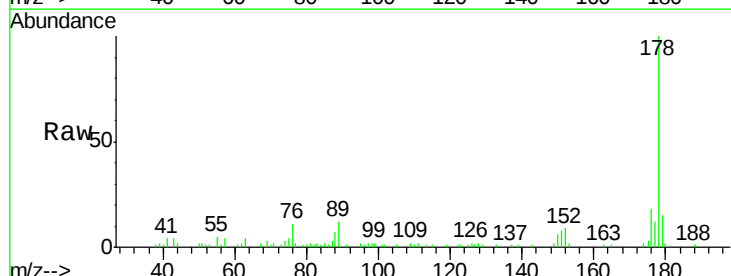
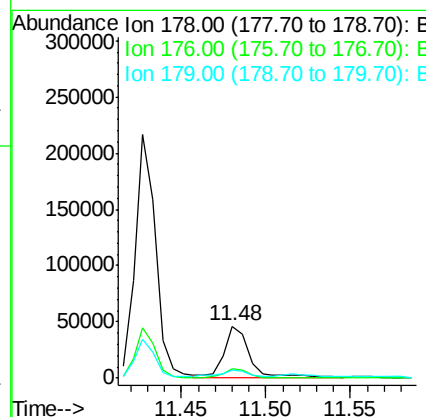
Manual Integrations
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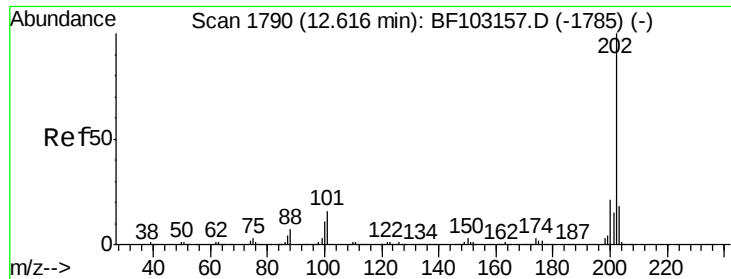
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#71
Anthracene
Concen: 2.411 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	15.4	12.6	19.0





#74

Fluoranthene

Concen: 7.282 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF103299.D

Acq: 28 Feb 2018 18:03

Instrument :

BNA_F

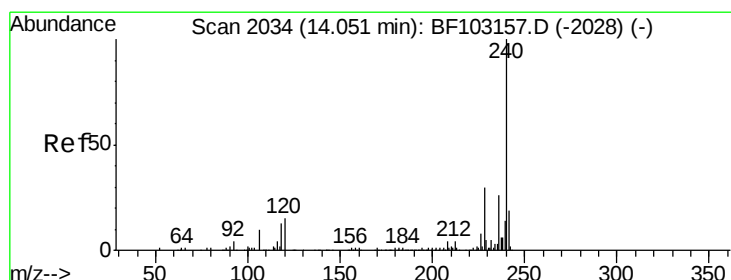
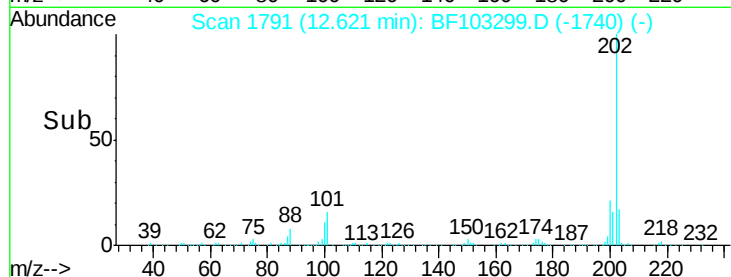
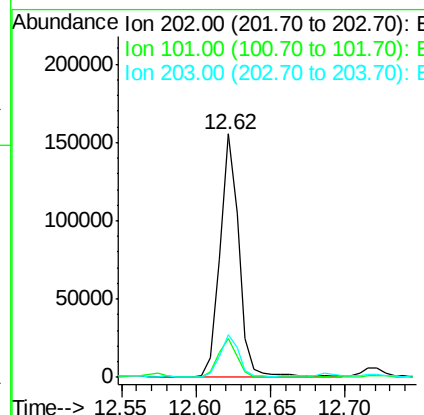
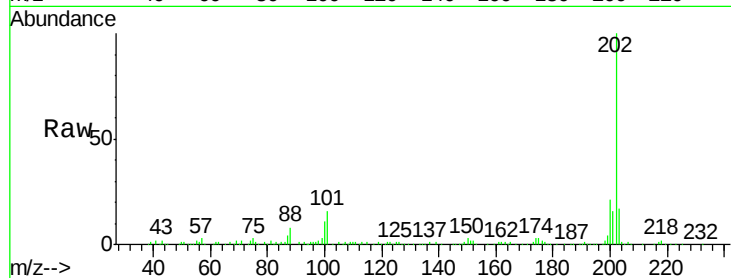
ClientSampleId :

SU-03-022718

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.9	0.0	34.1
203	17.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

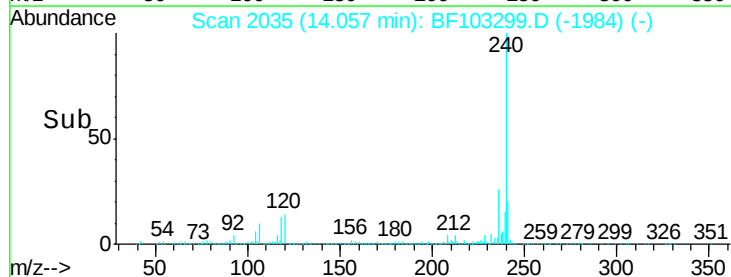
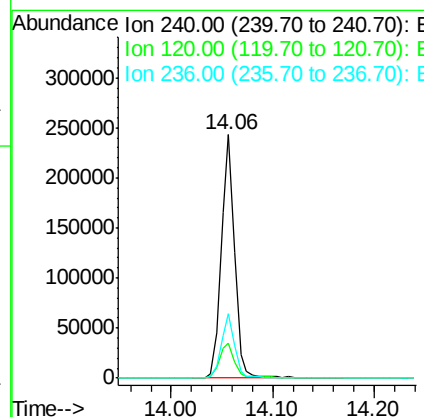
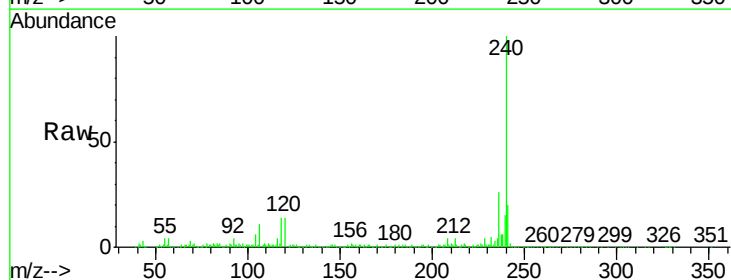
RT: 14.06 min Scan# 2035

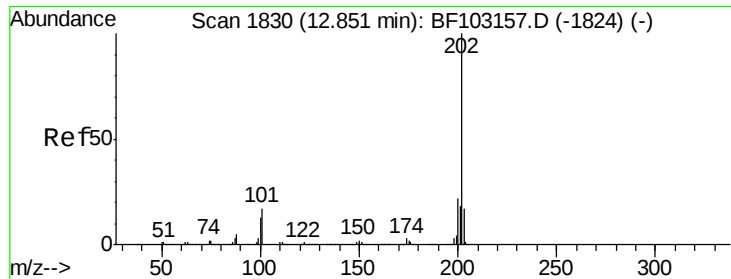
Delta R.T. -0.00 min

Lab File: BF103299.D

Acq: 28 Feb 2018 18:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.2	20.7	31.1





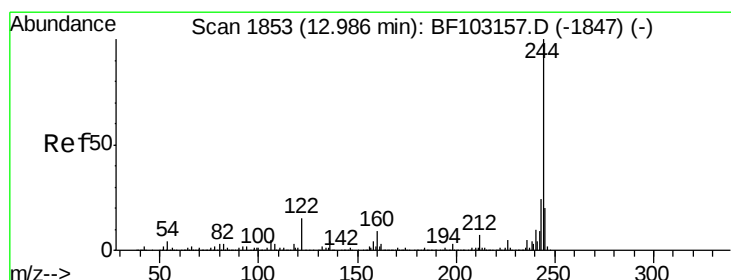
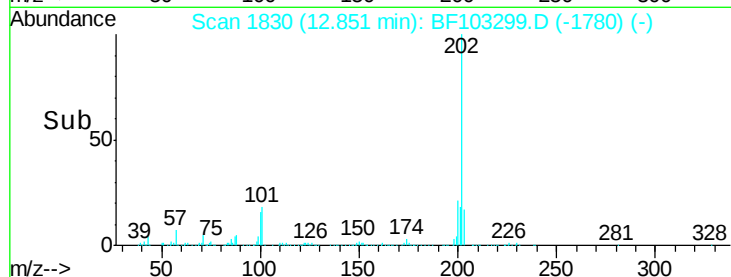
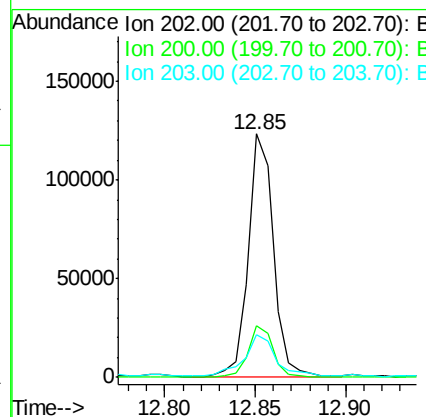
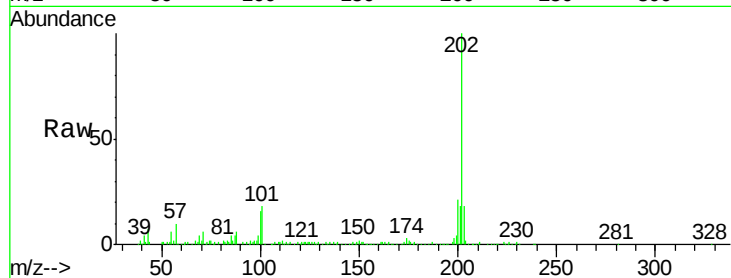
#77
Pvrene
Concen: 6.766 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Instrument :
BNA_F
ClientSampleId :
SU-03-022718

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.6	14.3	21.5

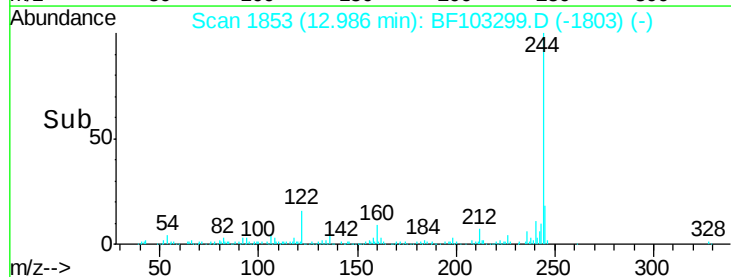
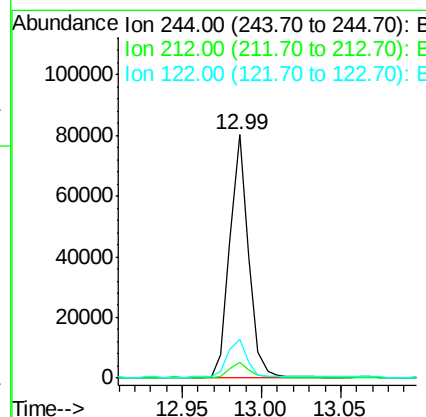
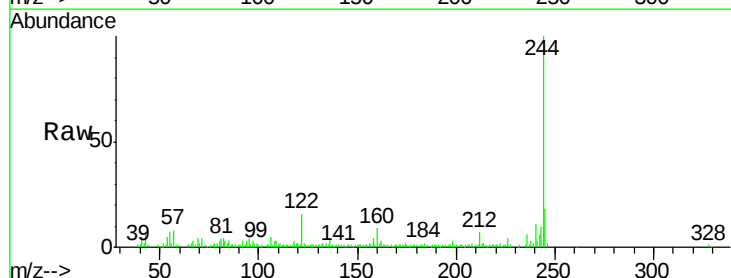
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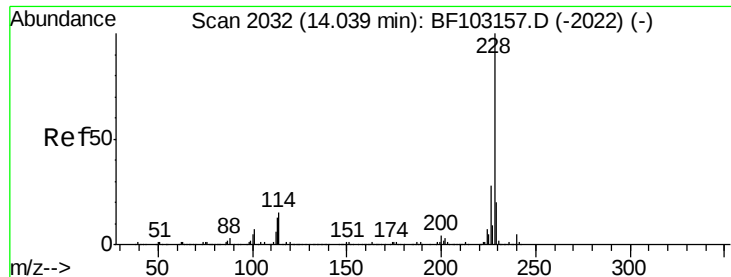
Sohil
3/1/2018 11:43:07 AM



#78
Terphenyl-d14
Concen: 7.119 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	15.7	11.0	16.4





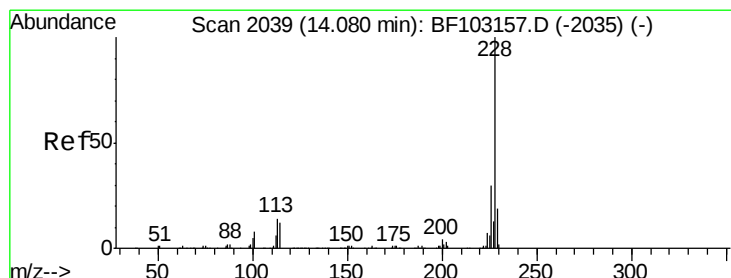
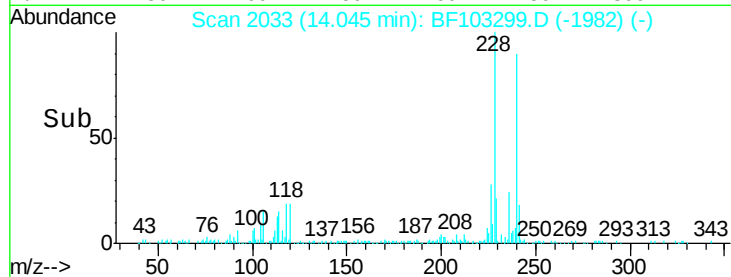
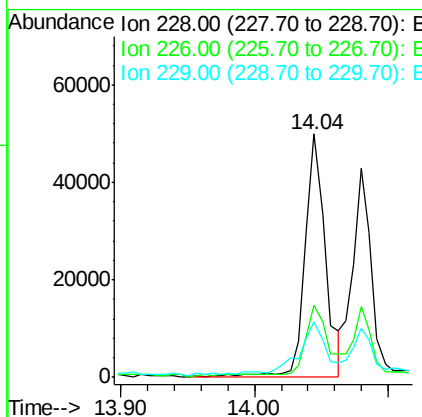
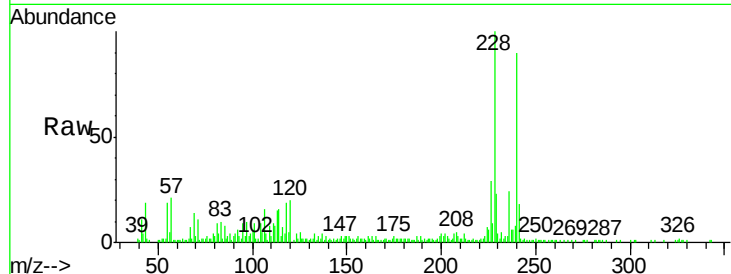
#80
Benzo(a)anthracene
Concen: 3.605 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Instrument :
BNA_F
ClientSampleId :
SU-03-022718

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	22.7	15.8	23.6

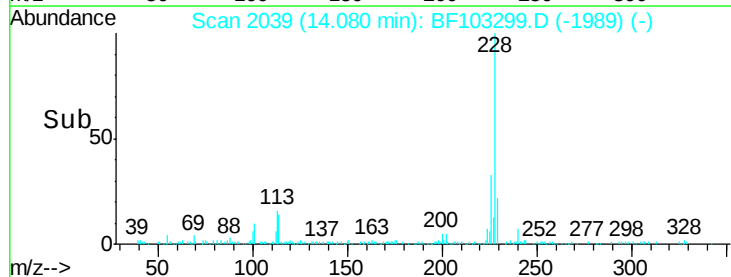
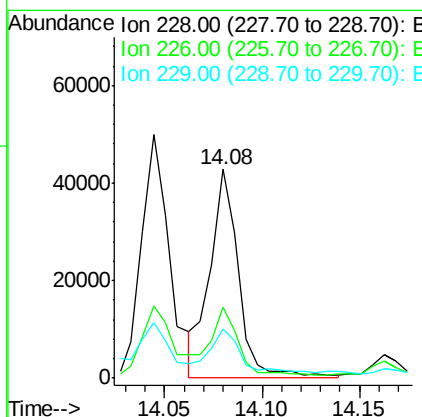
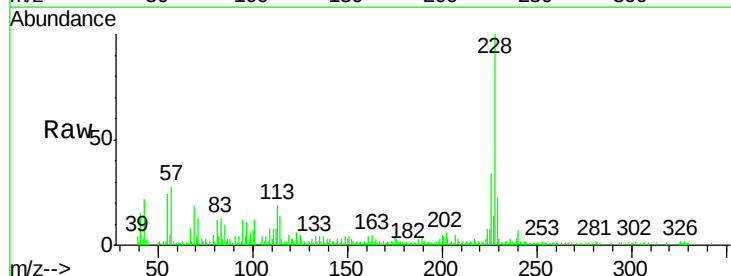
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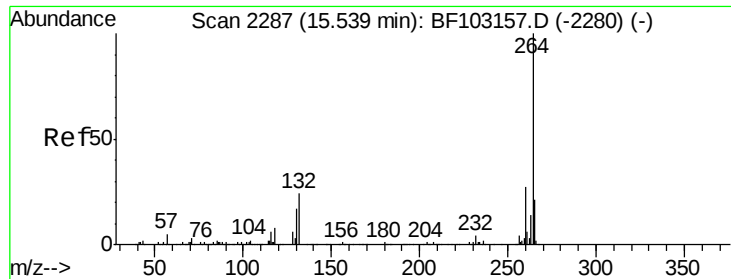
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3/1/2018 11:43:07 AM



#82
Chrysene
Concen: 3.076 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.0	37.6
229	23.5	16.2	24.4





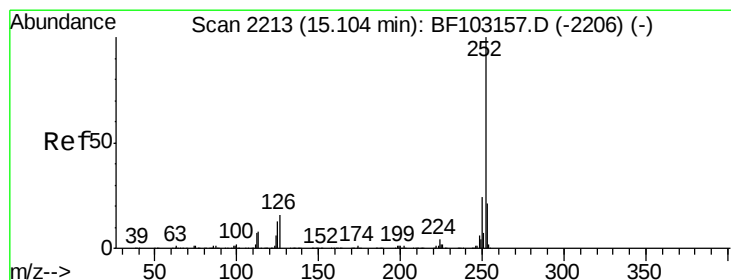
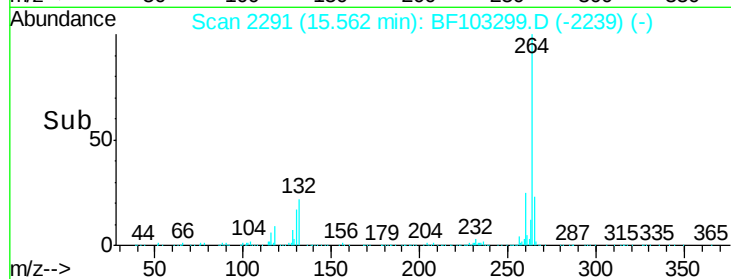
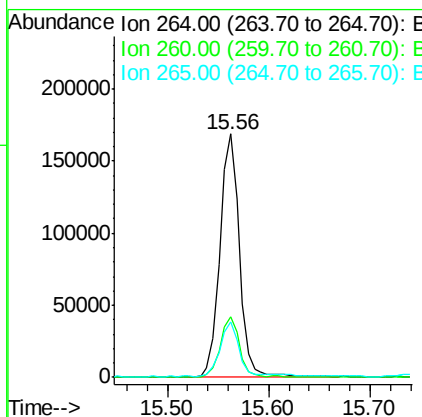
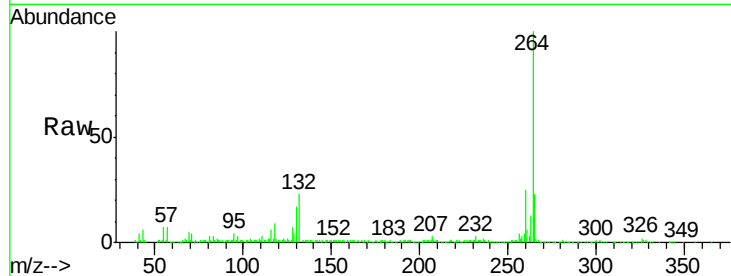
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Instrument :
BNA_F
ClientSampleId :
SU-03-022718

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.8	17.5	26.3

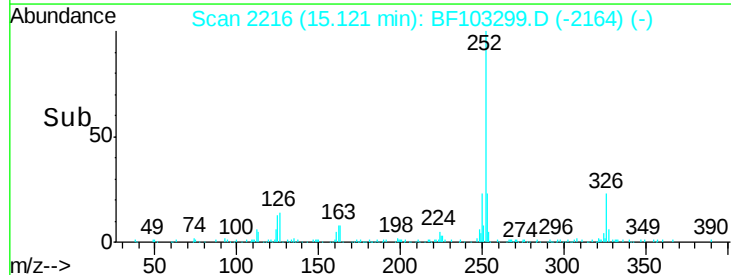
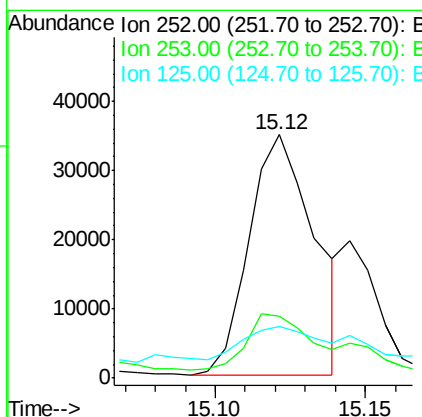
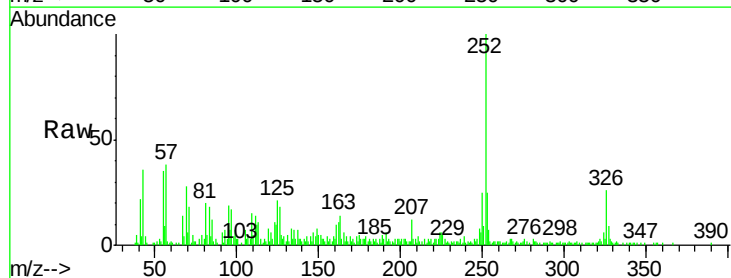
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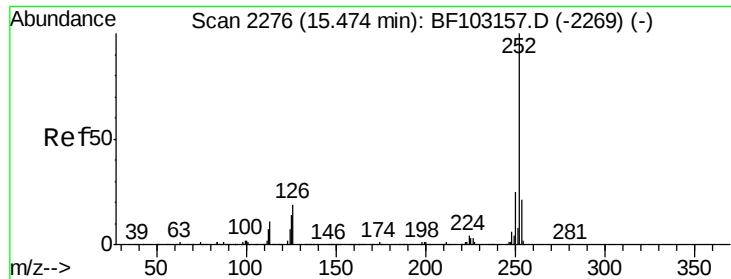
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#87
Benzo(b)fluoranthene
Concen: 3.592 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.0	25.6
125	21.3	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 2.910 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-022718

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	22.9	9.8	14.6

Manual Integrations
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Sohil
 3/1/2018 11:43:07 AM

