

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
 Data File : BF102628.D
 Acq On : 30 Jan 2018 6:34
 Operator : SJ/JU
 Sample : J1253-07DL 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-04(0-5)DL

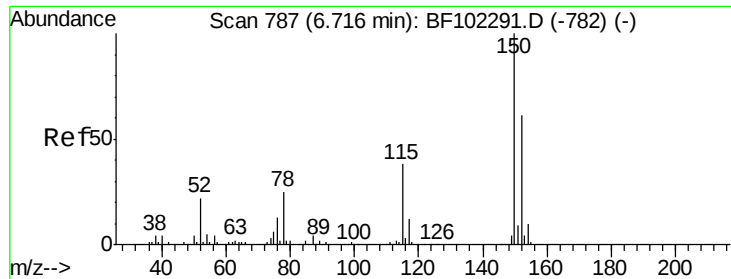
Manual Integrations
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Quant Time: Jan 30 07:49:27 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	141884	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	610893	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	271953	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	439221	20.00	ng	0.00
75) Chrysene-d12	13.87	240	274070	20.00	ng	0.00
86) Perylene-d12	15.30	264	258321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	45032	4.81	ng	0.00
7) Phenol-d6	6.37	99	61199	5.42	ng	0.00
23) Nitrobenzene-d5	7.29	82	35783	3.37	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	10354	3.84	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	78928	4.27	ng	0.00
78) Terphenyl-d14	12.82	244	63328	5.21	ng	0.00
Target Compounds						
70) Phenanthrene	11.26	178	119724	4.678	ng	Qvalue 97
74) Fluoranthene	12.45	202	113882	4.363	ng	99
77) Pyrene	12.67	202	104018	4.909	ng	98
80) Benzo(a)anthracene	13.86	228	38034	2.254	ng	98
82) Chrysene	13.90	228	37646	2.197	ng	96
83) Bis(2-ethylhexyl)phthalate	13.85	149	810896	57.219	ng	# 99
87) Benzo(b)fluoranthene	14.90	252	37518m	2.241	ng	
89) Benzo(a)pyrene	15.24	252	31207	2.067	ng	# 88

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



#1

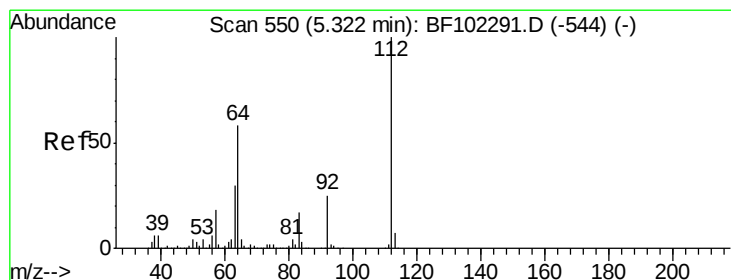
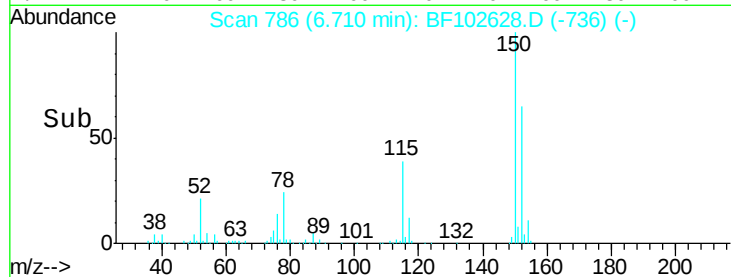
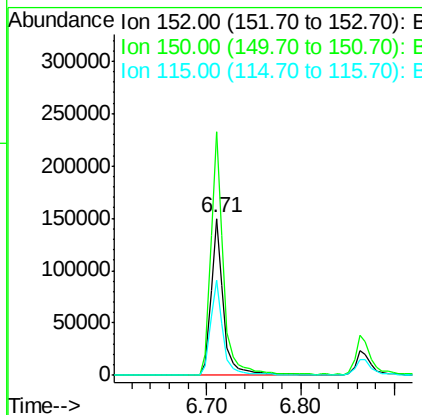
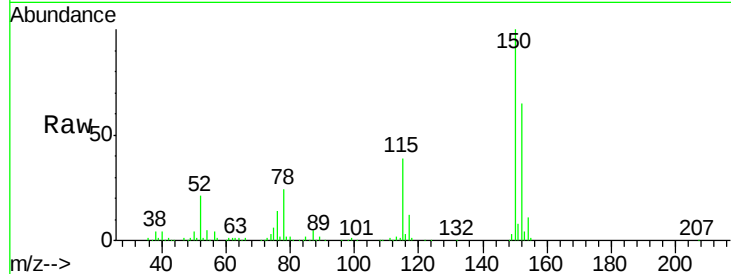
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102628.D
Acq: 30 Jan 2018 6:34

Instrument :
BNA_F
ClientSampleId :
WC-04(0-5)DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	60.8	50.1	75.1

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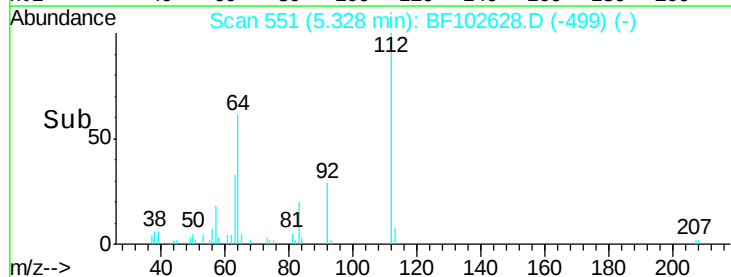
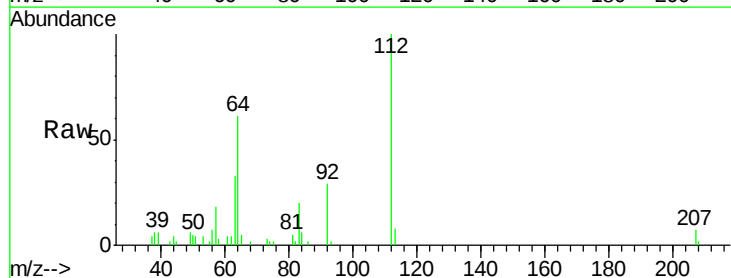
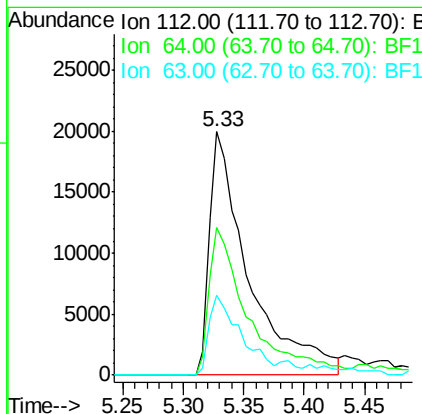
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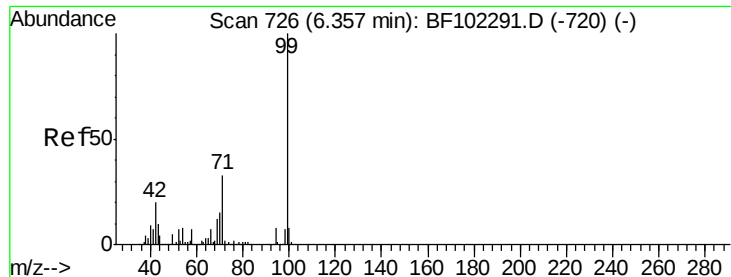


#5

2-Fluorophenol
Concen: 4.812 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102628.D
Acq: 30 Jan 2018 6:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	32.7	23.7	35.5





#7

Phenol-d6

Concen: 5.425 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102628.D

Acq: 30 Jan 2018 6:34

Instrument :

BNA_F

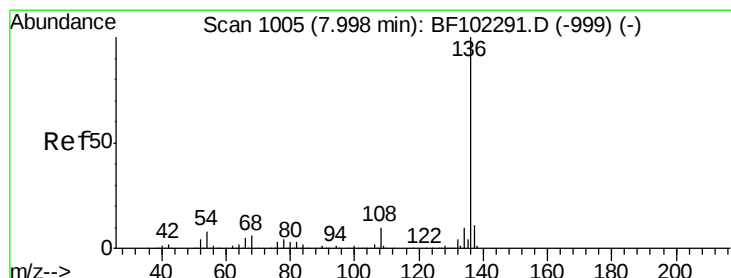
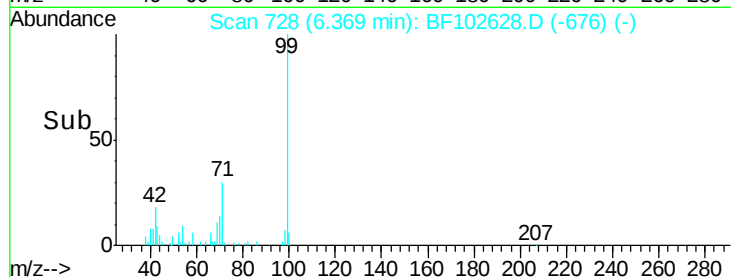
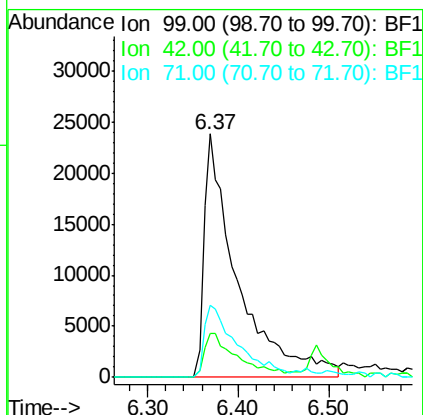
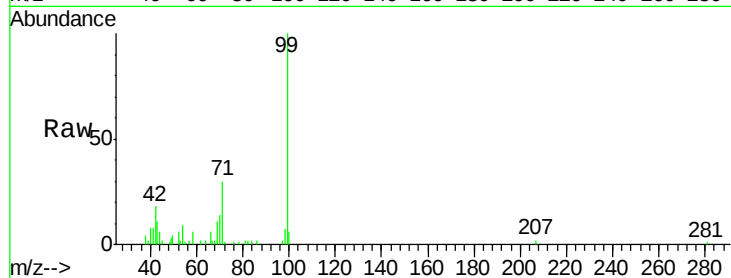
ClientSampleId :

WC-04(0-5)DL

Tgt Ion:	99	Resp:	61199
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	29.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

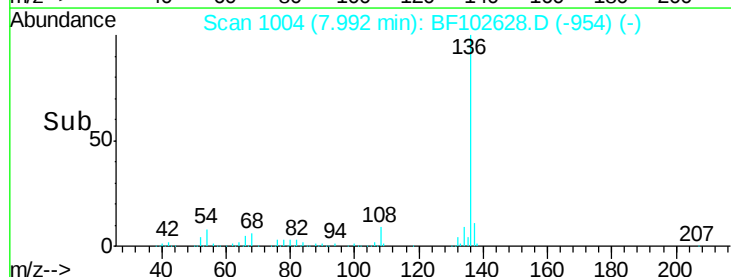
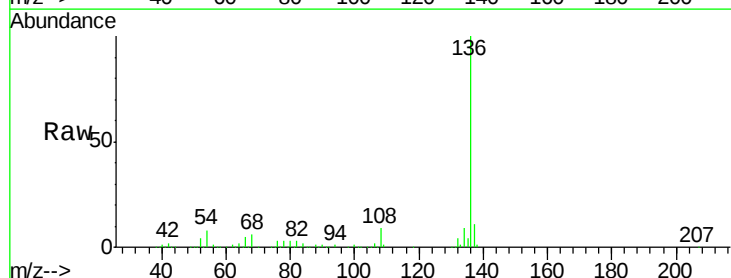
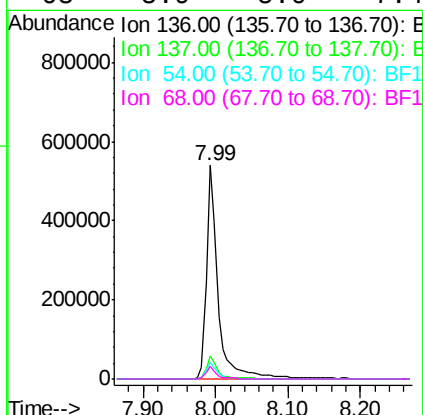
RT: 7.99 min Scan# 1004

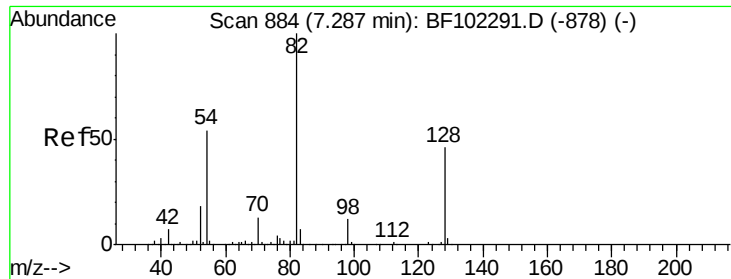
Delta R.T. -0.01 min

Lab File: BF102628.D

Acq: 30 Jan 2018 6:34

Tgt Ion:	136	Resp:	610893
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	6.6	9.8
68	5.9	5.0	7.4





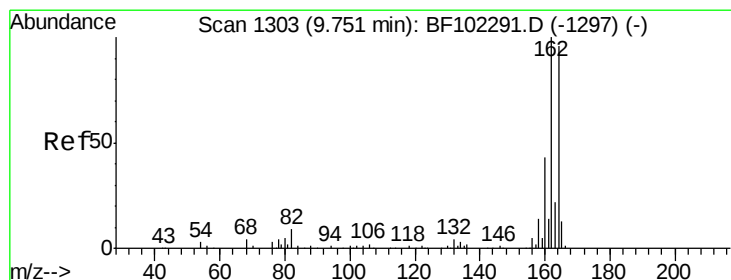
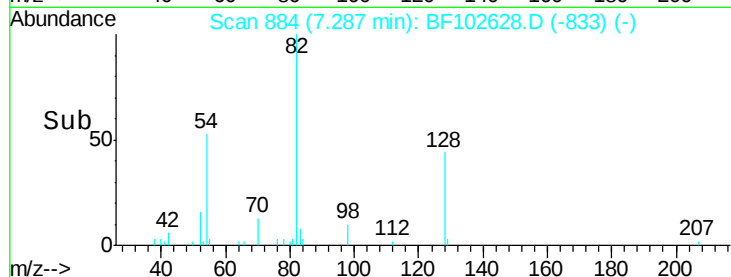
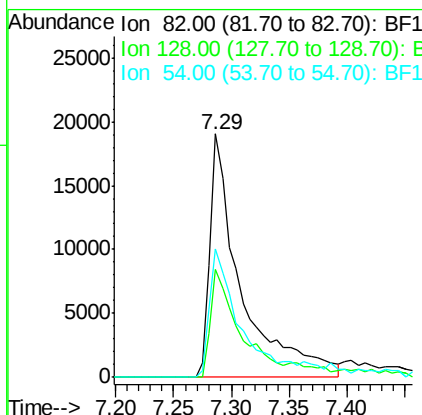
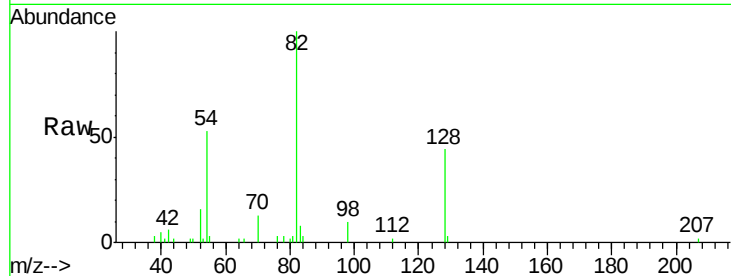
#23
 Nitrobenzene-d5
 Concen: 3.366 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF102628.D
 Acq: 30 Jan 2018 6:34

Instrument :
 BNA_F
 ClientSampleID :
 WC-04(0-5)DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	53.0	41.4	62.2

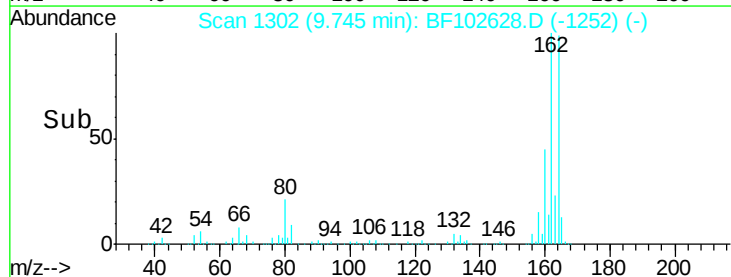
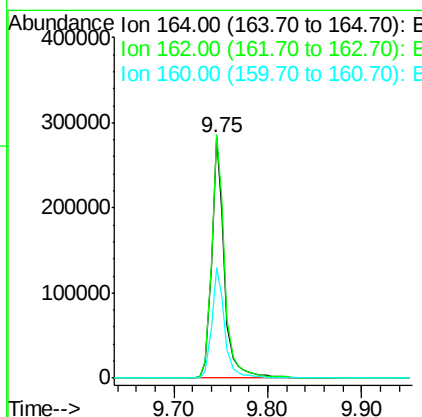
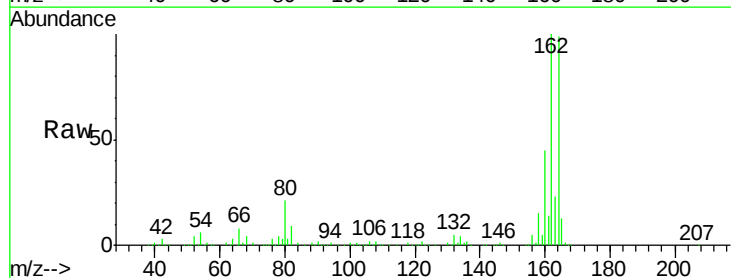
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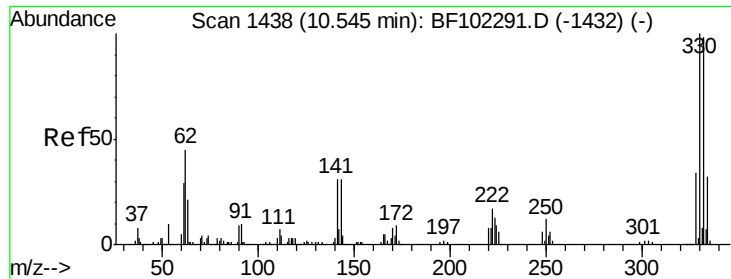
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102628.D
 Acq: 30 Jan 2018 6:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	45.9	38.3	57.5





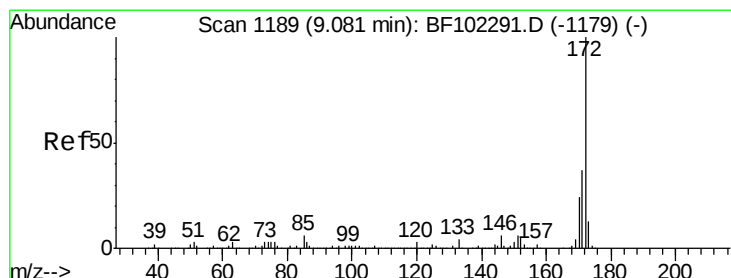
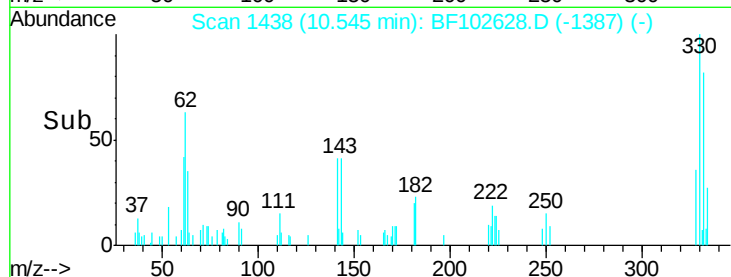
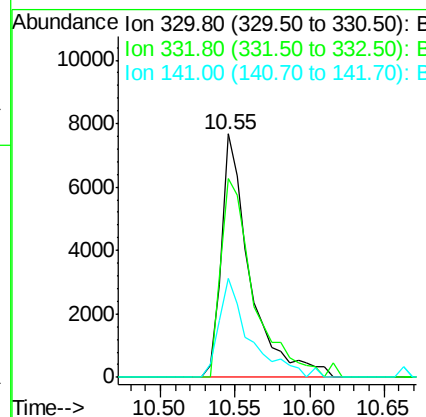
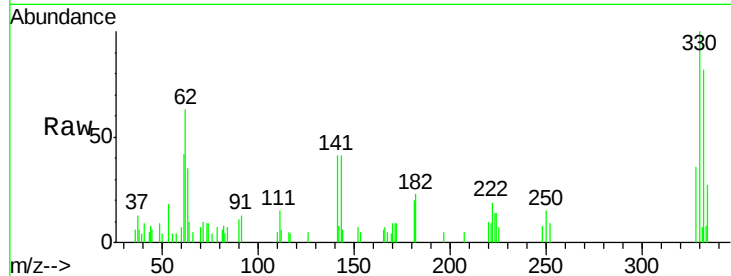
#41
 2,4,6-Tribromophenol
 Concen: 3.842 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102628.D
 Acq: 30 Jan 2018 6:34

Instrument :
 BNA_F
 ClientSampleID :
 WC-04(0-5)DL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.9	77.0	115.6
141	43.5	29.9	44.9

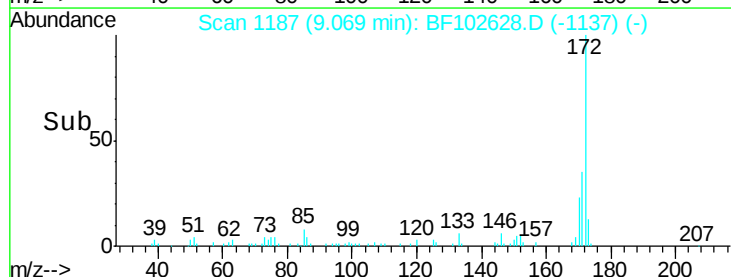
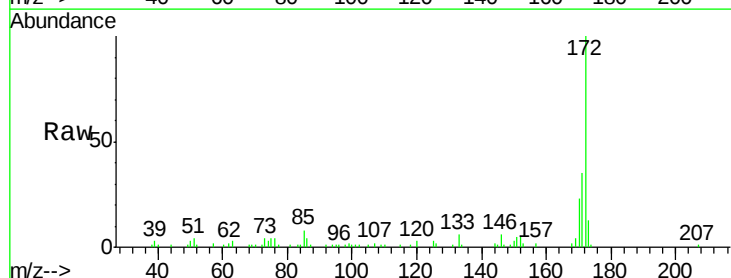
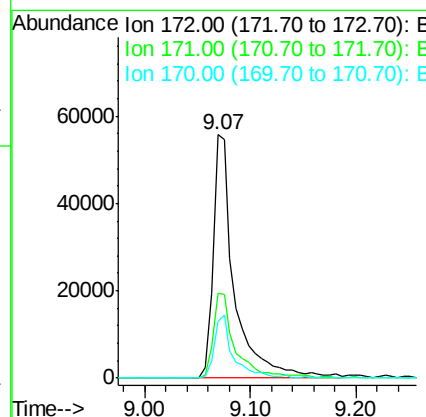
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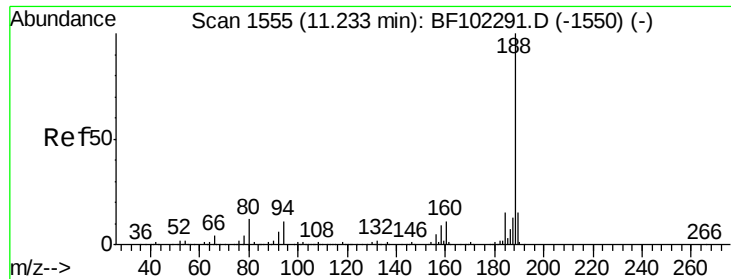
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#44
 2-Fluorobiphenyl
 Concen: 4.267 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102628.D
 Acq: 30 Jan 2018 6:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.3	19.6	29.4





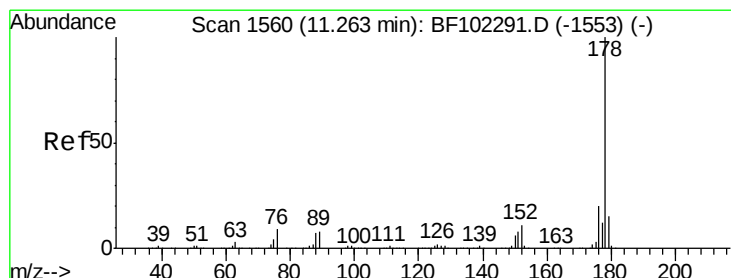
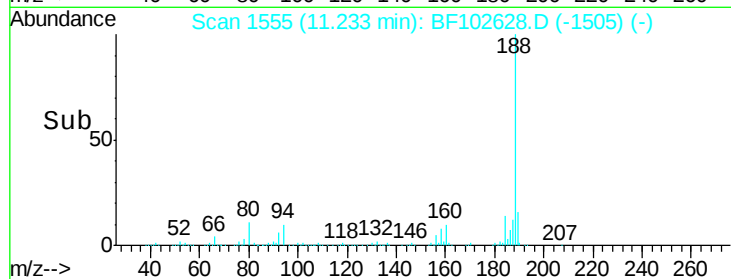
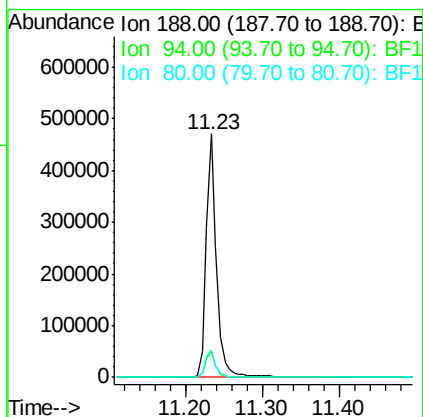
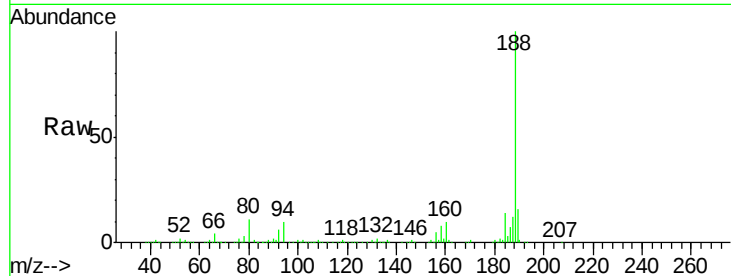
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102628.D
Acq: 30 Jan 2018 6:34

Instrument :
BNA_F
ClientSampleId :
WC-04(0-5)DL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	439221		
94	10.4		8.5	12.7
80	11.0		9.2	13.8

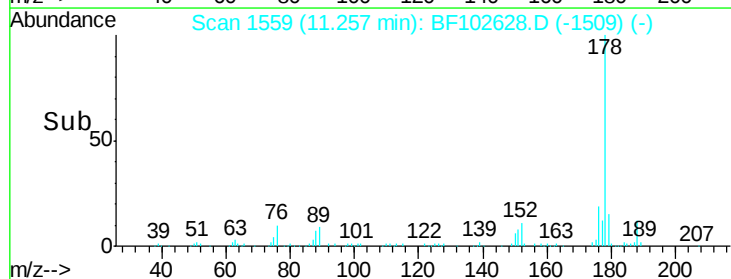
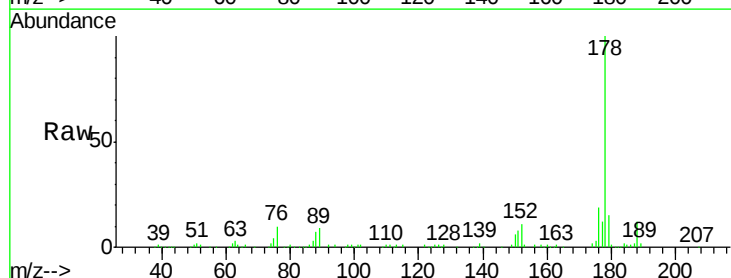
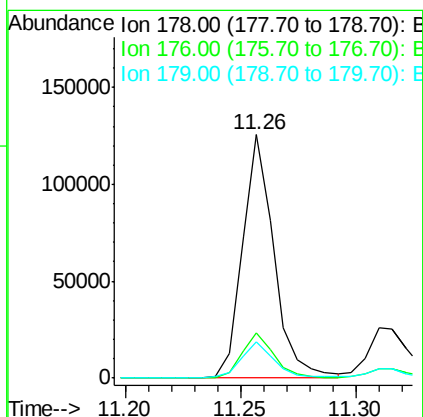
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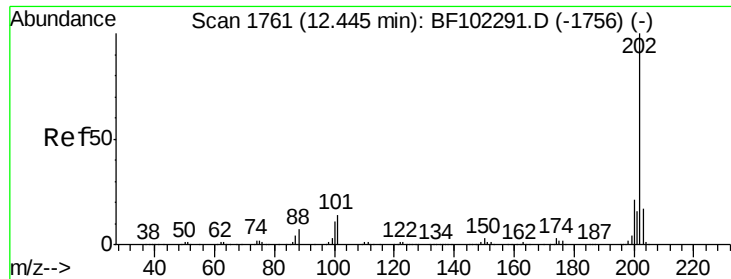
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#70
Phenanthrene
Concen: 4.678 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102628.D
Acq: 30 Jan 2018 6:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	119724		
176	18.6		15.8	23.8
179	14.8		13.0	19.6





#74

Fluoranthene

Concen: 4.363 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF102628.D

Acq: 30 Jan 2018 6:34

Instrument :

BNA_F

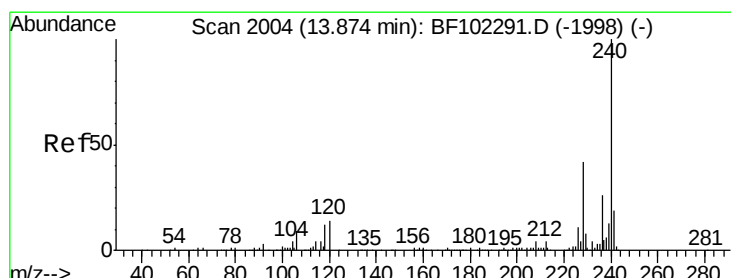
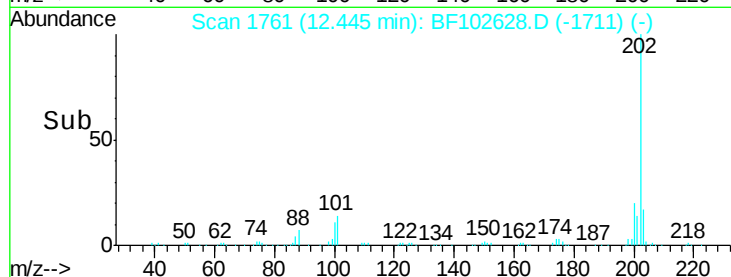
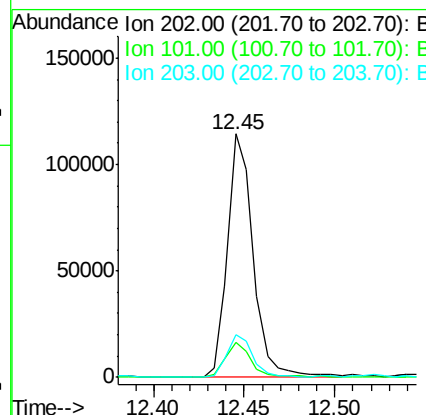
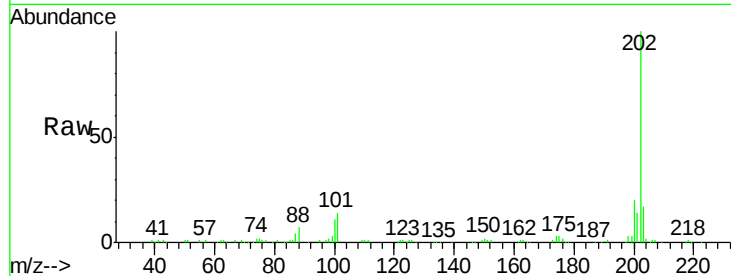
ClientSampleId :

WC-04(0-5)DL

Tgt Ion:	202	Resp:	113882
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	34.1
203	17.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

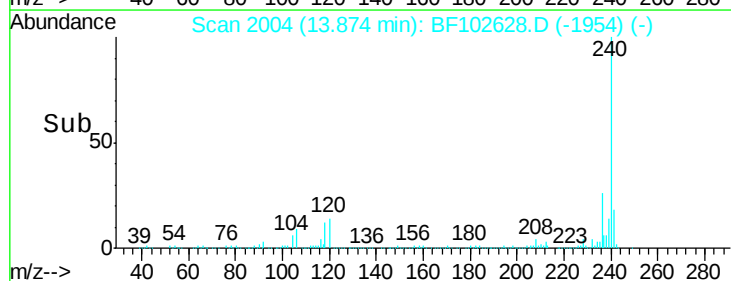
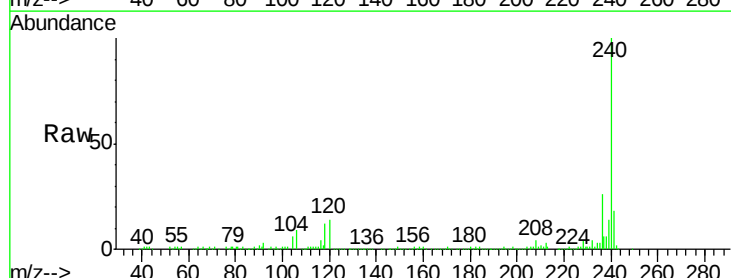
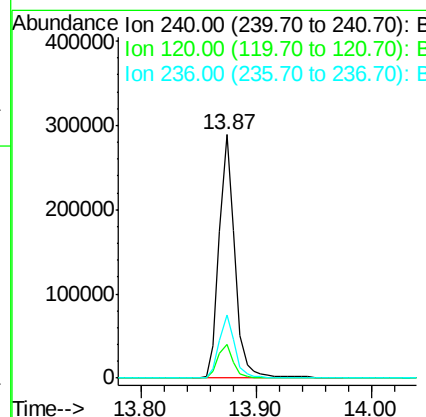
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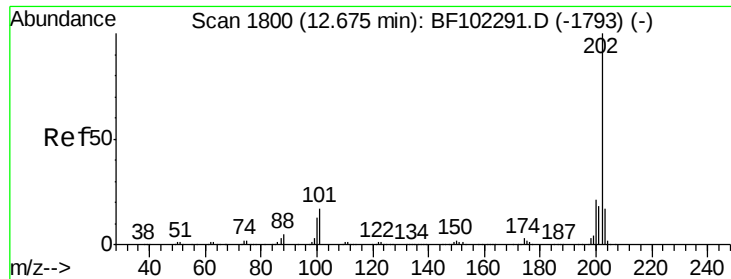
Delta R.T. -0.01 min

Lab File: BF102628.D

Acq: 30 Jan 2018 6:34

Tgt Ion:	240	Resp:	274070
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	26.0	20.7	31.1





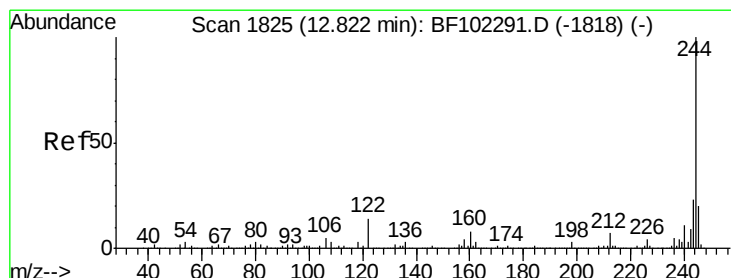
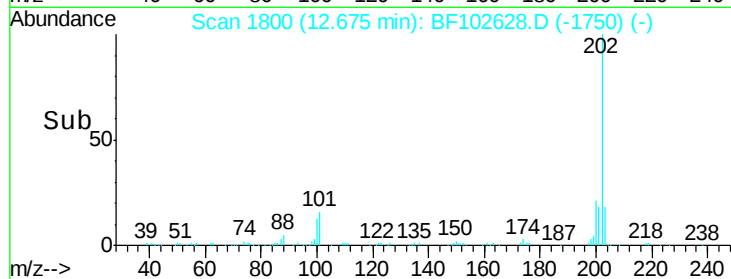
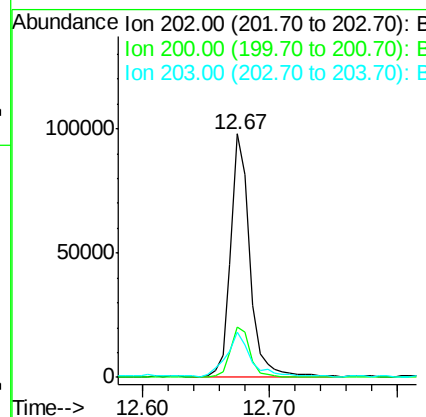
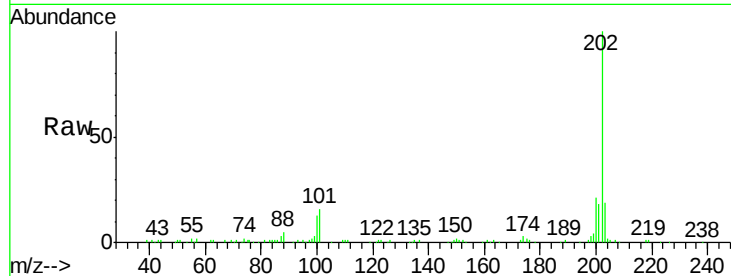
#77
Pyrene
Concen: 4.909 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102628.D
Acq: 30 Jan 2018 6:34

Instrument :
BNA_F
ClientSampleID :
WC-04(0-5)DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	17.4	26.2
203	18.6	14.3	21.5

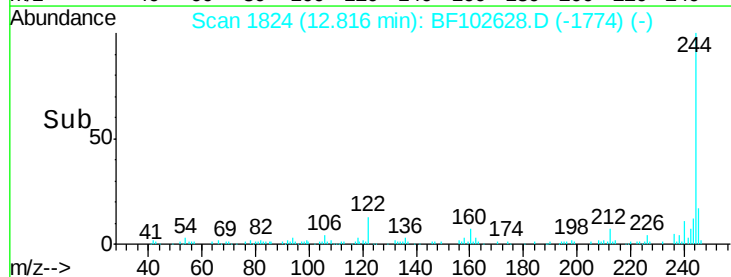
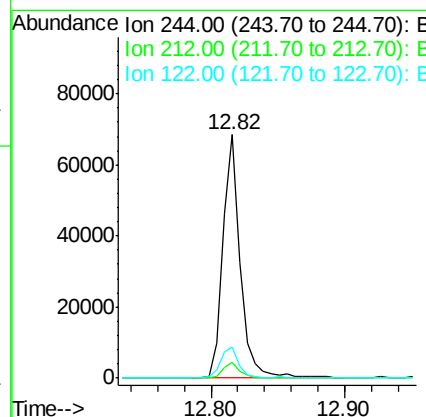
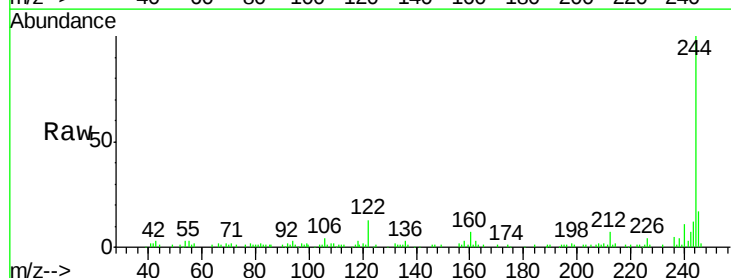
Manual Integrations
APPROVED

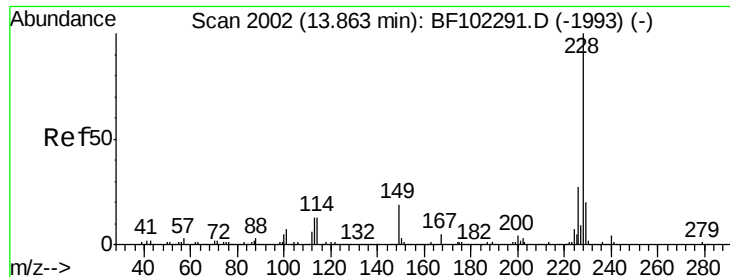
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#78
Terphenyl-d14
Concen: 5.209 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102628.D
Acq: 30 Jan 2018 6:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	5.4	8.0
122	12.6	11.0	16.4





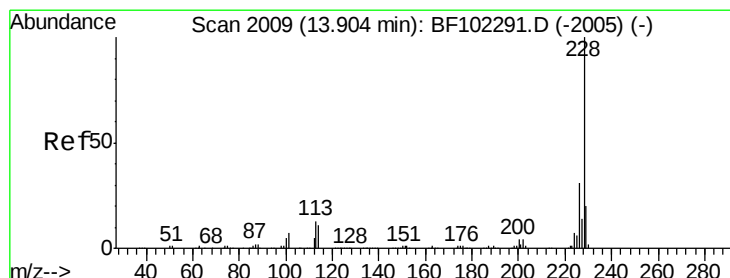
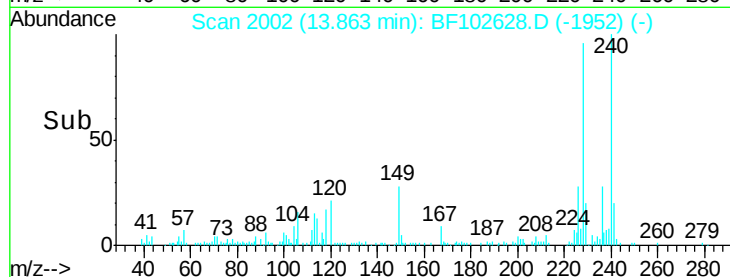
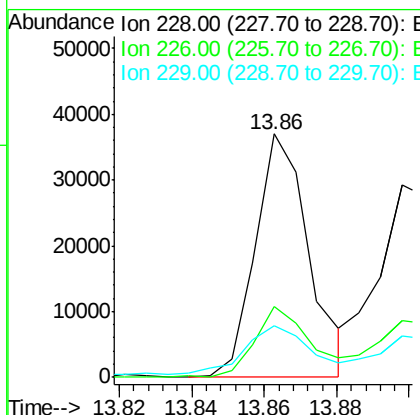
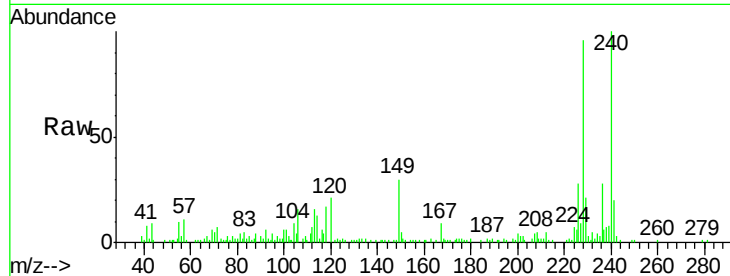
#80
Benzo(a)anthracene
Concen: 2.254 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102628.D
Acq: 30 Jan 2018 6:34

Instrument :
BNA_F
ClientSampleId :
WC-04(0-5)DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.4	15.8	23.6

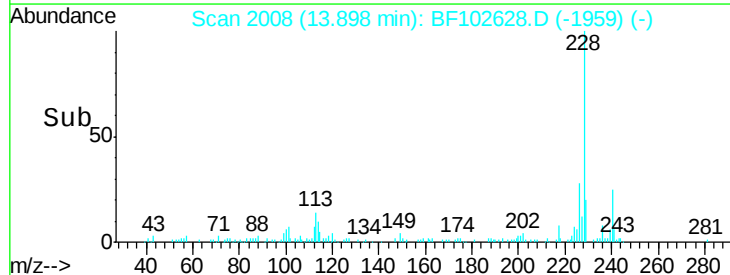
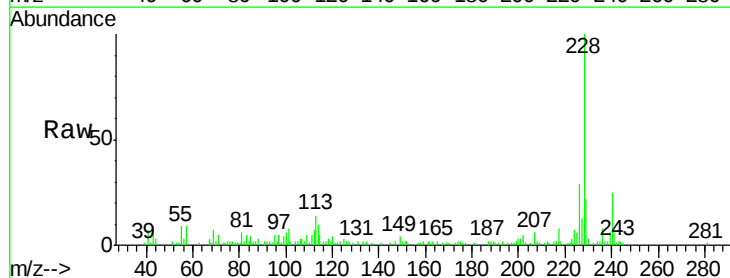
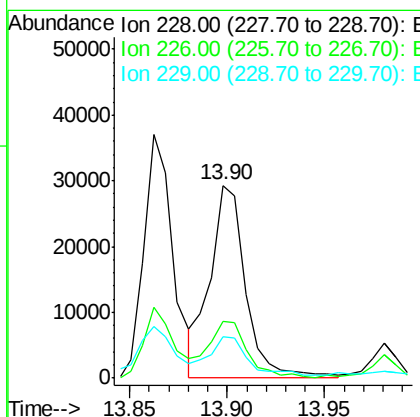
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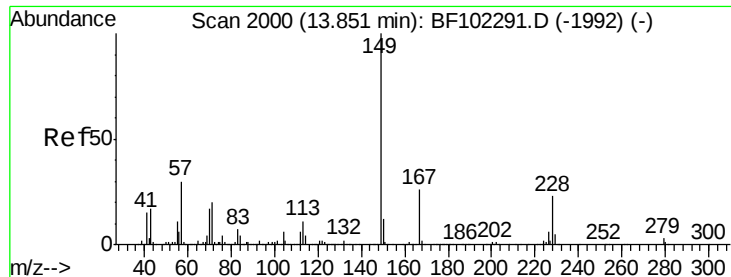
Sohil
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#82
Chrysene
Concen: 2.197 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102628.D
Acq: 30 Jan 2018 6:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.0	37.6
229	21.6	16.2	24.4





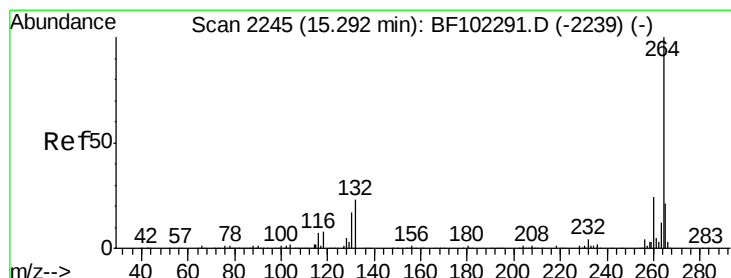
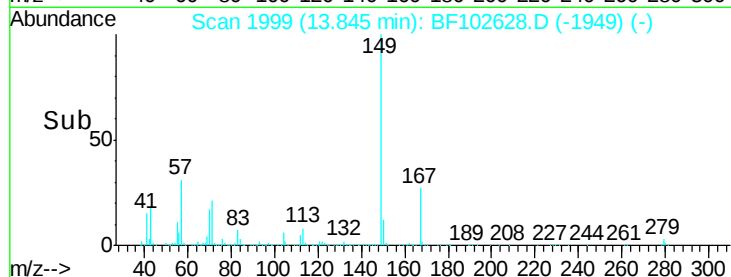
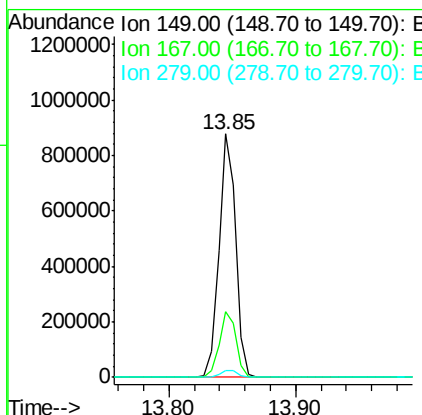
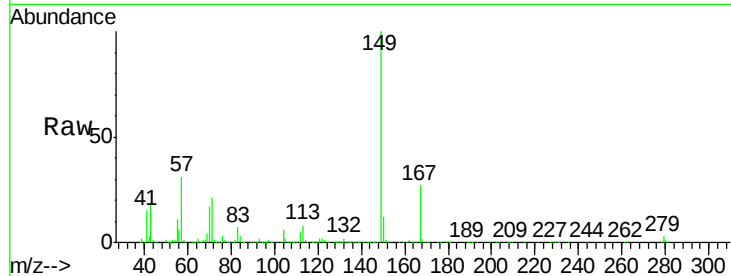
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.219 ng
 RT: 13.85 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF102628.D
 Acq: 30 Jan 2018 6:34

Instrument :
 BNA_F
 ClientSampleId :
 WC-04(0-5)DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.7	21.3	31.9
279	2.7	3.0	4.4#

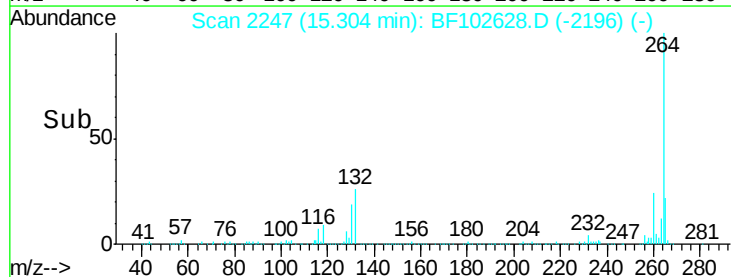
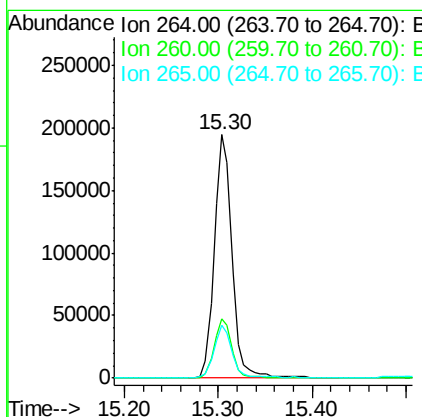
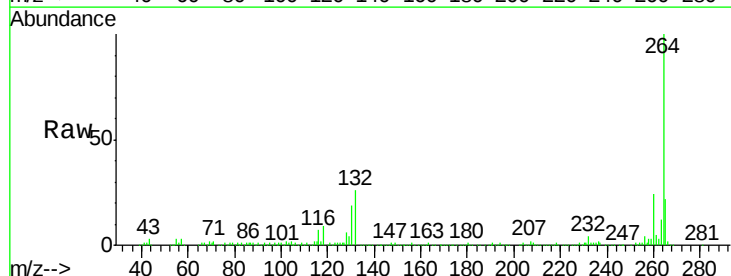
Manual Integrations
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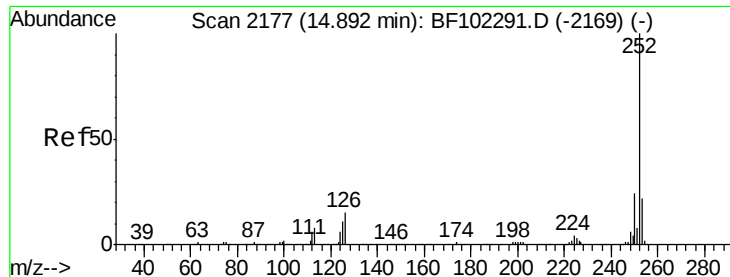
Sohil
 1/30/2018 3:38:36 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102628.D
 Acq: 30 Jan 2018 6:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3





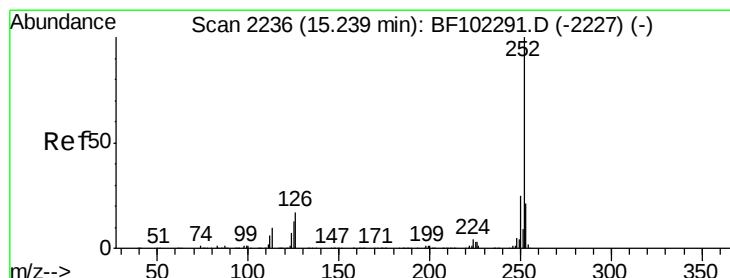
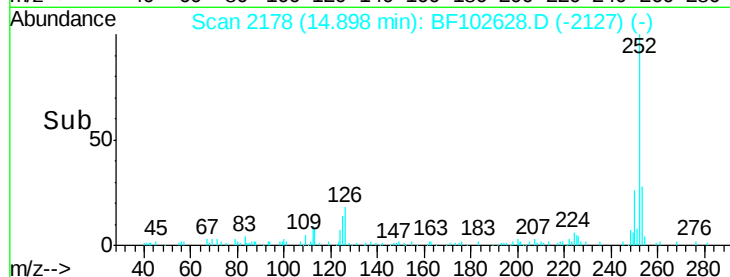
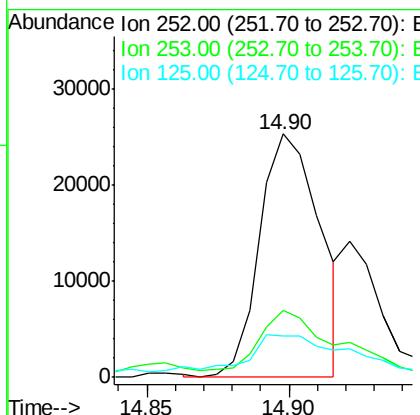
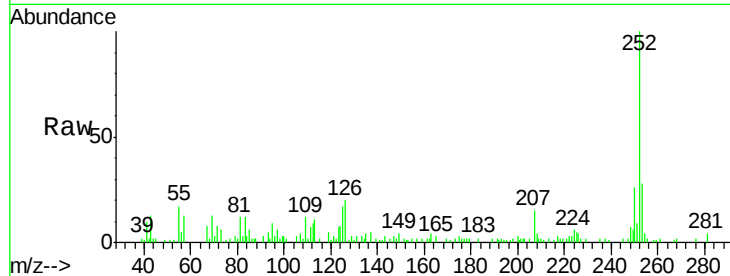
#87
Benzo(b)fluoranthene
Concen: 2.241 ng m
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF102628.D
Acq: 30 Jan 2018 6:34

Instrument :
BNA_F
ClientSampleId :
WC-04(0-5)DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.0	25.6#
125	16.8	9.0	13.6#

Manual Integrations
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1/30/2018 3:38:36 PM



#89
Benzo(a)pyrene
Concen: 2.067 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF102628.D
Acq: 30 Jan 2018 6:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	19.6	9.8	14.6#

