

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112116.D
 Acq On : 18 Jan 2019 10:09
 Operator : JU/SJ
 Sample : K1157-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-02-011519

Manual Integrations
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Sohil
 1/21/2019 12:00:34 PM

Quant Time: Jan 18 12:20:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	299460	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1118414	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	525382	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	887820	20.00	ng	0.00
76) Chrysene-d12	14.02	240	723121	20.00	ng	-0.01
87) Perylene-d12	15.50	264	789062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1587605	96.23	ng	0.00
7) Phenol-d6	6.50	99	1978479	95.84	ng	0.00
23) Nitrobenzene-d5	7.42	82	1238016	76.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	534650	94.33	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2285787	63.79	ng	0.00
79) Terphenyl-d14	12.96	244	1967417	57.88	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	71284	3.160	ng	Qvalue # 74
50) Dimethylphthalate	9.60	163	224669	5.864	ng	98
71) Phenanthrene	11.40	178	597472	13.372	ng	97
75) Fluoranthene	12.59	202	762788	16.169	ng	99
78) Pyrene	12.82	202	770830	16.157	ng	97
81) Benzo(a)anthracene	14.01	228	350327	8.449	ng	96
83) Chrysene	14.04	228	346938	8.843	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	191864	5.301	ng	96
88) Benzo(b)fluoranthene	15.06	252	421440m	9.409	ng	
89) Benzo(k)fluoranthene	15.09	252	146830m	3.387	ng	
90) Benzo(a)pyrene	15.43	252	315246	7.675	ng	# 95
92) Benzo(a,h,i)perylene	17.42	276	187113	5.206	ng	99

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

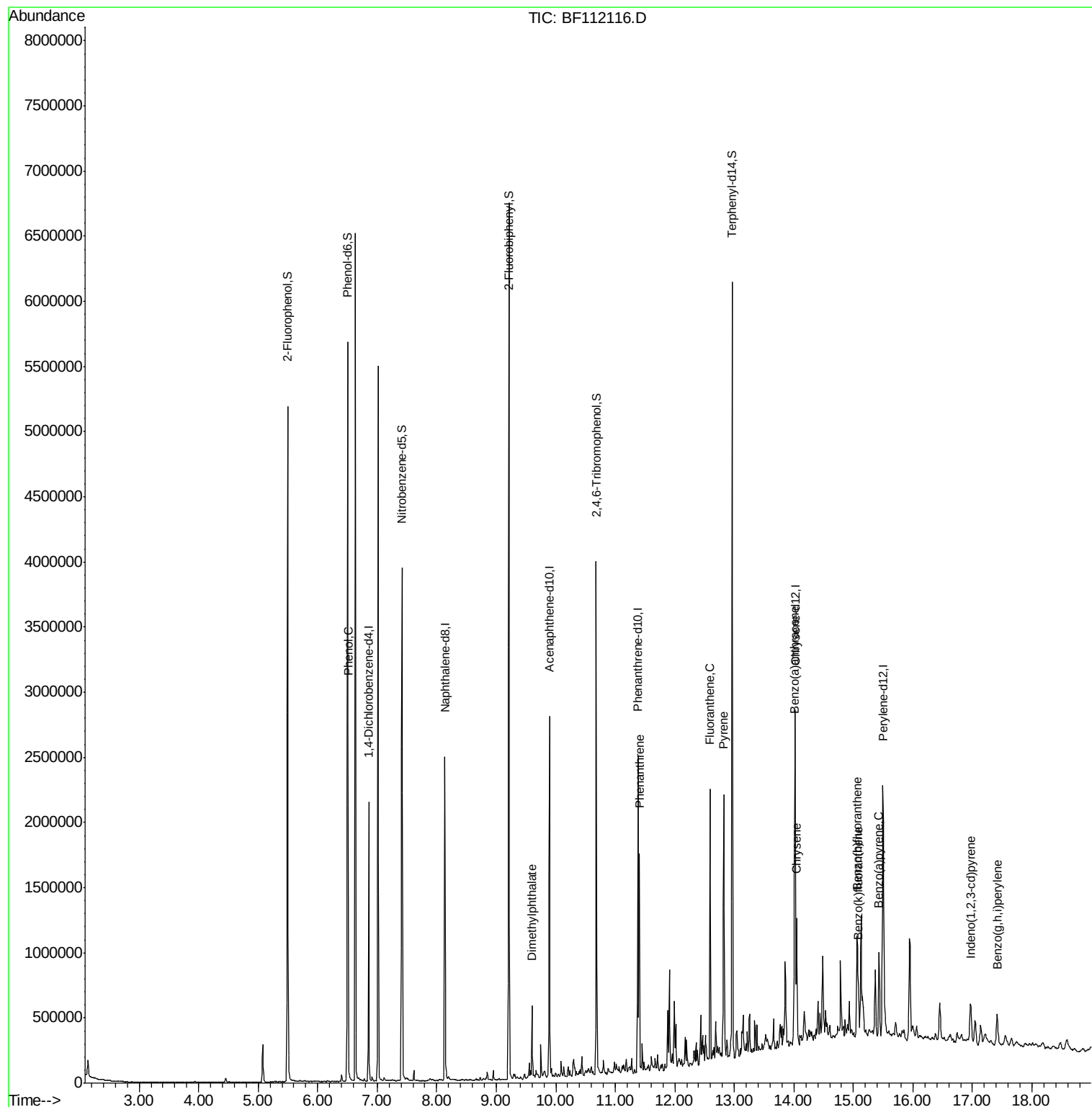
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112116.D
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Operator : JU/SJ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

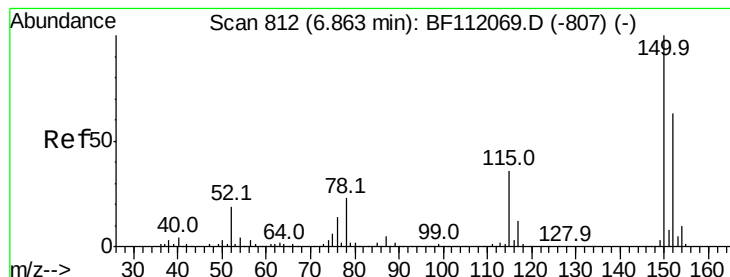
Instrument :
BNA_F
ClientSampleId :
WC-02-011519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

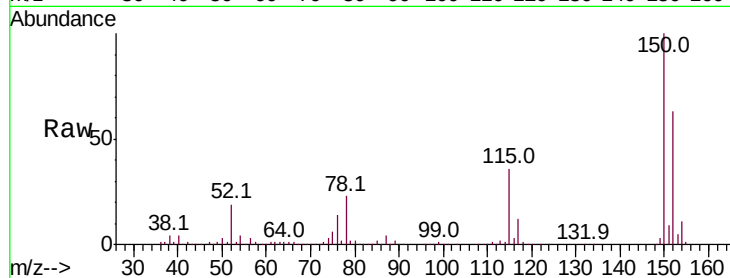
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Instrument :
BNA_F
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.4	191.0
115	57.1	45.5	68.3

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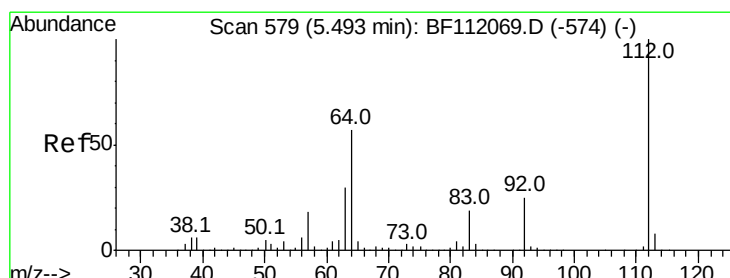
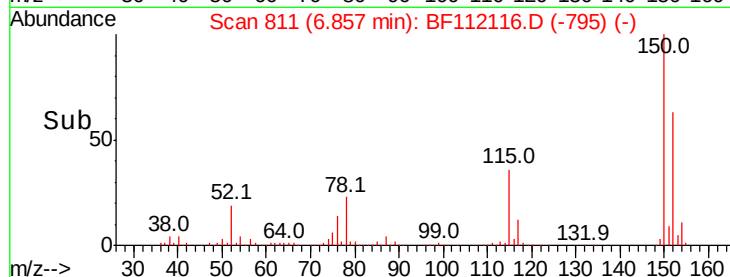
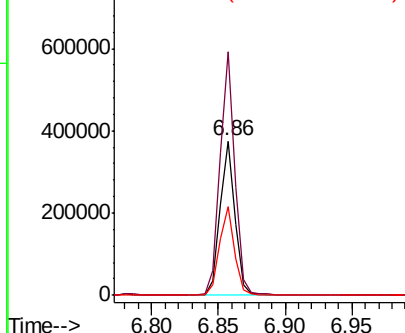


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

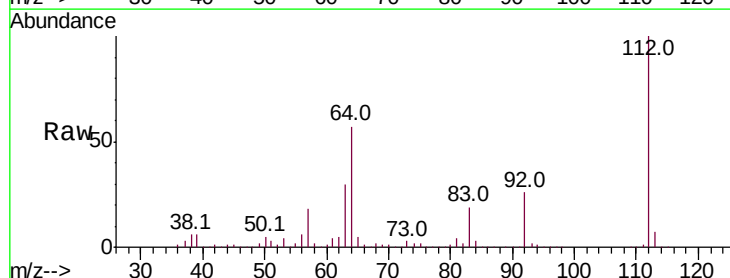
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.225 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.7	68.5
63	30.1	23.6	35.4

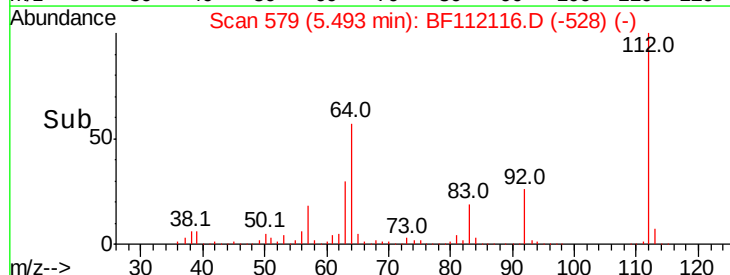
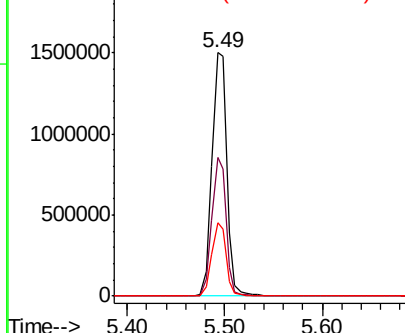


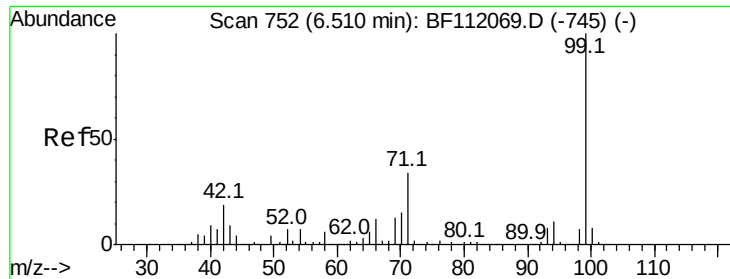
Abundance

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: 95.845 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112116.D

Acq: 18 Jan 2019 10:09

Instrument :

BNA_F

ClientSampled :

WC-02-011519

Tot Ion: 99 Resp: 1978479

Ion Ratio Lower Upper

99 100

42 19.2 15.1 22.7

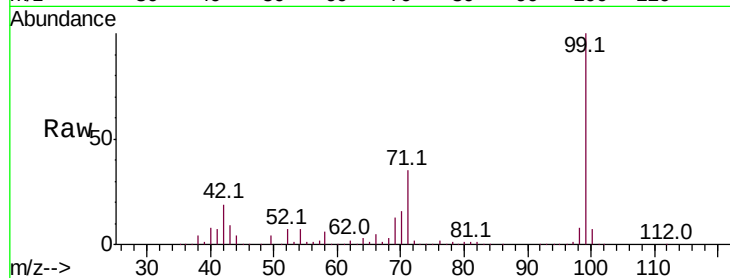
71 34.9 26.9 40.3

Manual Integrations

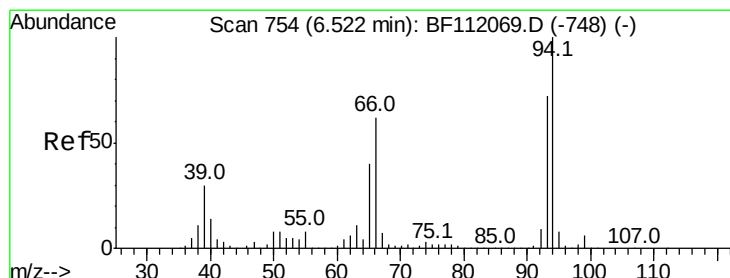
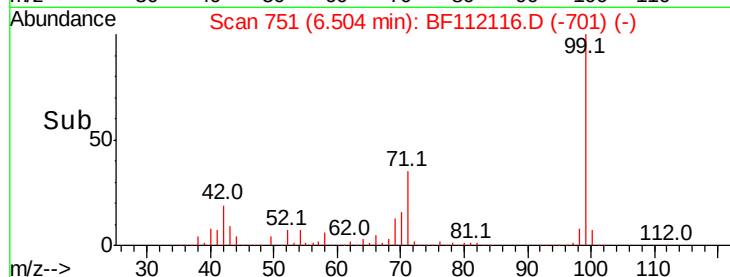
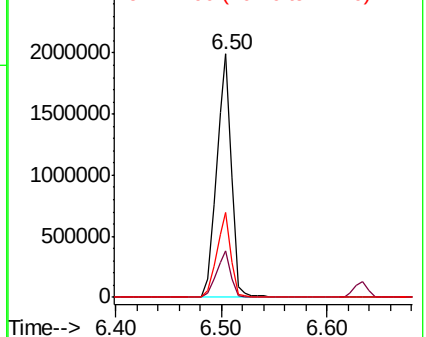
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.160 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112116.D

Acq: 18 Jan 2019 10:09

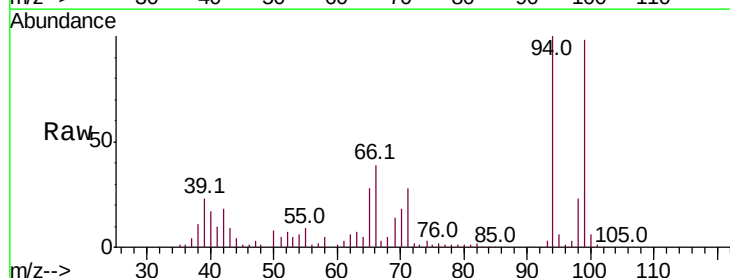
Tgt Ion: 94 Resp: 71284

Ion Ratio Lower Upper

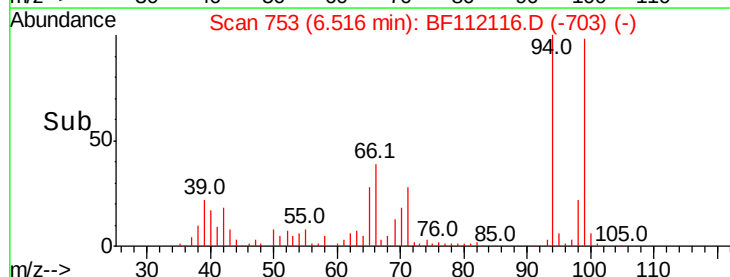
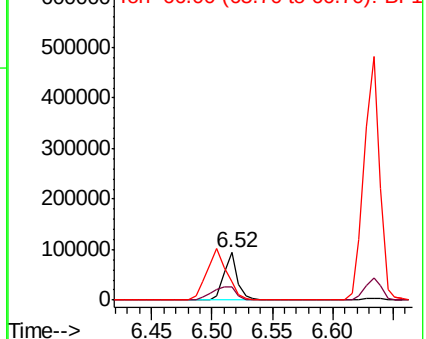
94 100

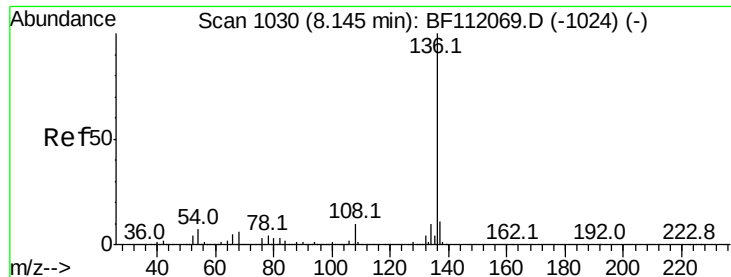
65 27.5 20.3 60.3

66 39.1 42.4 82.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





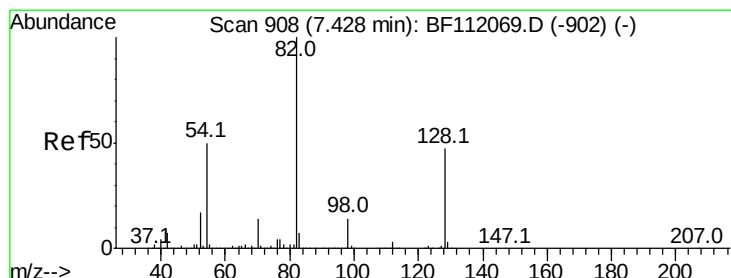
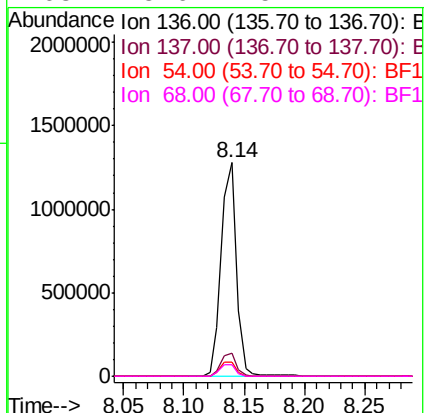
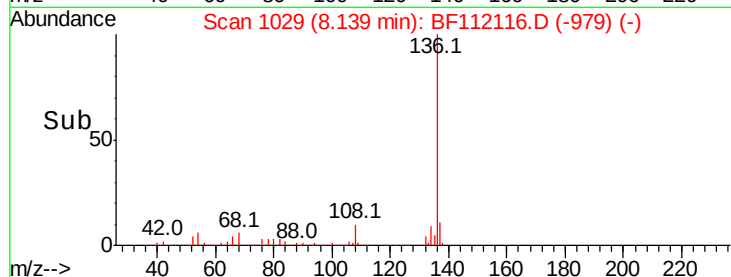
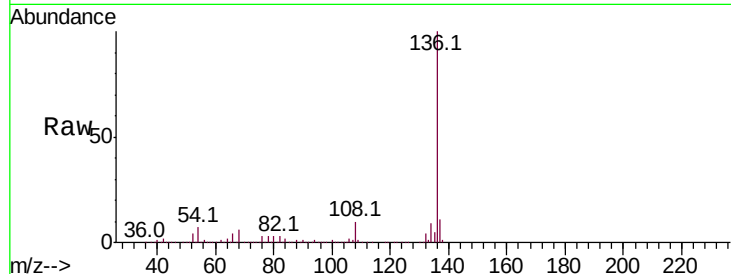
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Instrument :
BNA_F
ClientSampleId :
WC-02-011519

Tot Ion	136	Resp	1118414
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.5	5.9	8.9
68	5.6	5.1	7.7

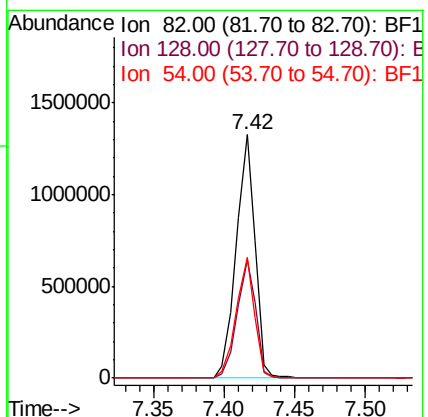
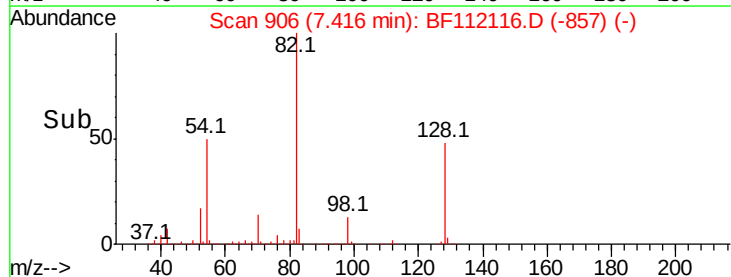
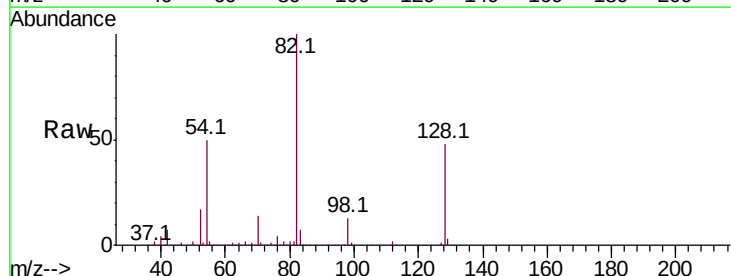
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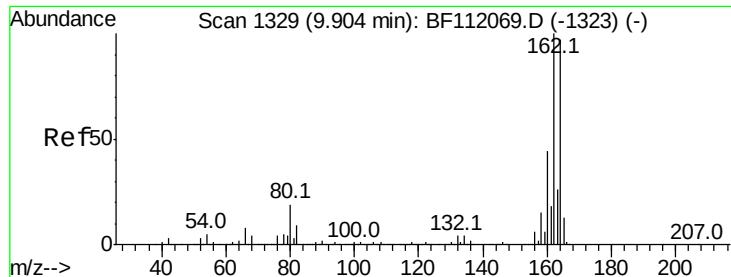
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#23
Nitrobenzene-d5
Concen: 76.477 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Tgt Ion	82	Resp	1238016
Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.8	56.8
54	49.7	39.7	59.5





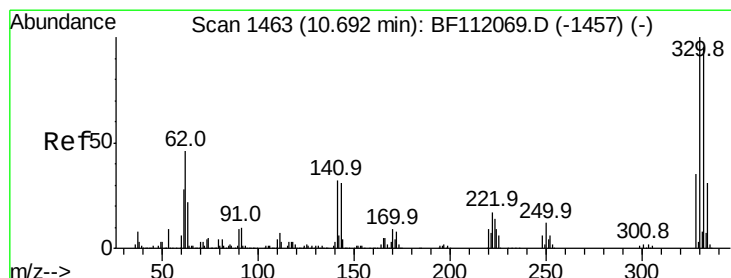
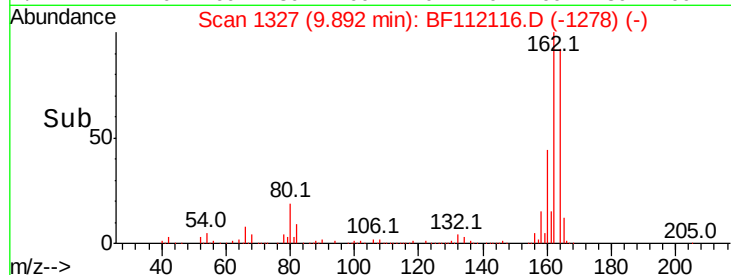
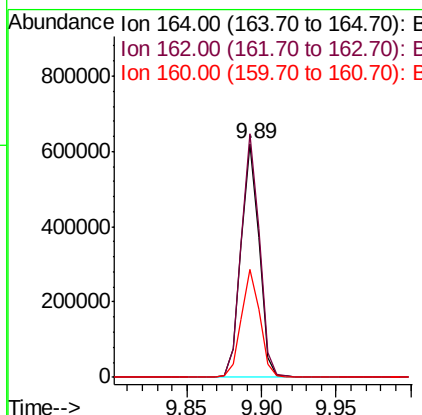
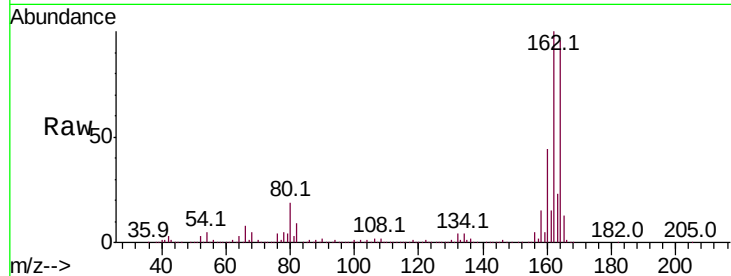
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF112116.D
 Acq: 18 Jan 2019 10:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-02-011519

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	82.2	123.4	
160	46.0	36.2	54.4	

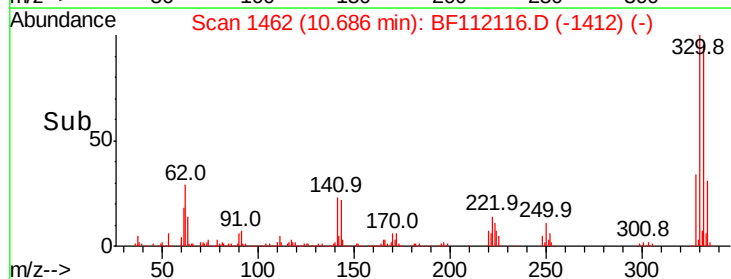
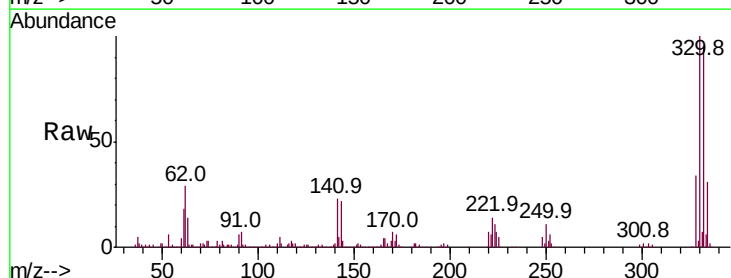
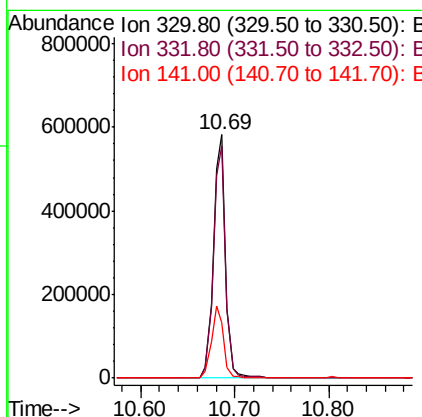
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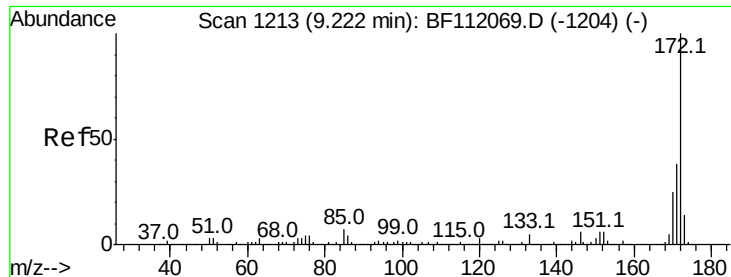
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#42
 2,4,6-Tribromophenol
 Concen: 94.332 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112116.D
 Acq: 18 Jan 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.6	114.8	
141	29.3	24.3	36.5	





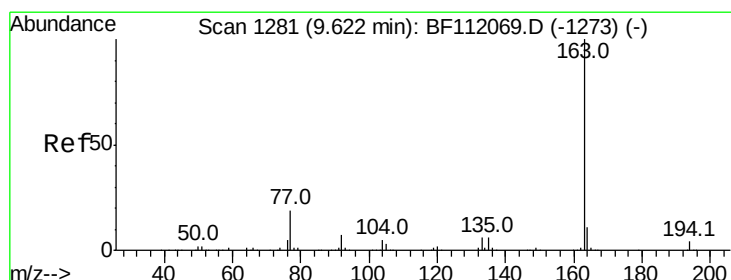
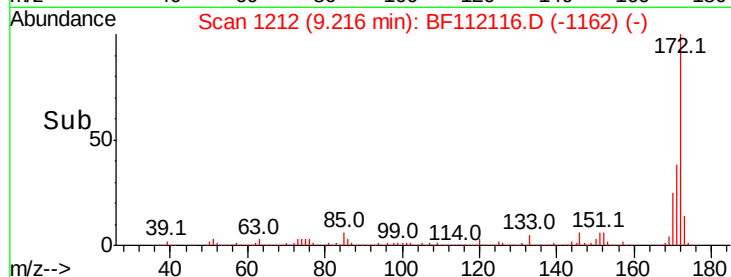
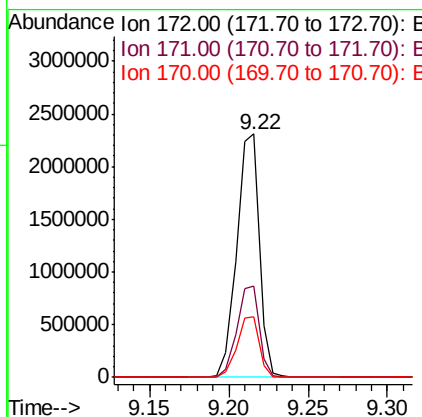
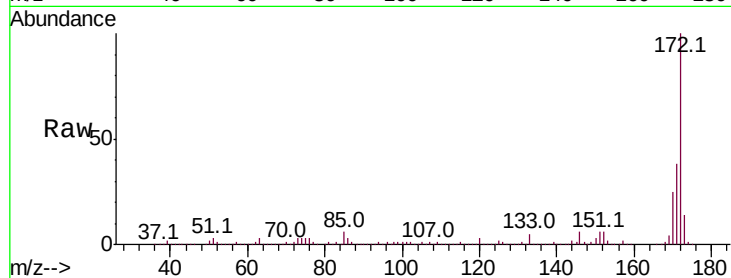
#45
2-Fluorobiphenyl
Concen: 63.786 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Instrument :
BNA_F
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	24.8	20.2	30.4

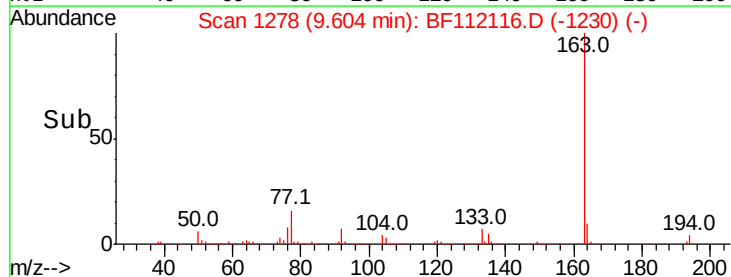
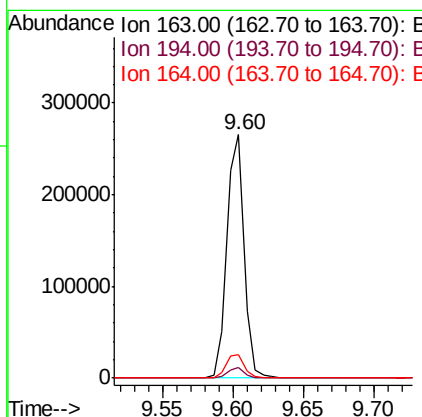
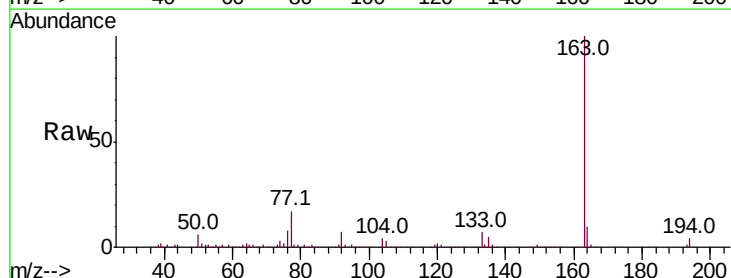
Manual Integrations
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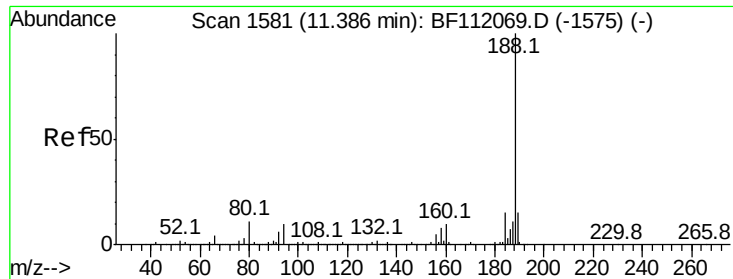
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#50
Dimethylphthalate
Concen: 5.864 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.8	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112116.D

Acq: 18 Jan 2019 10:09

Instrument :

BNA_F

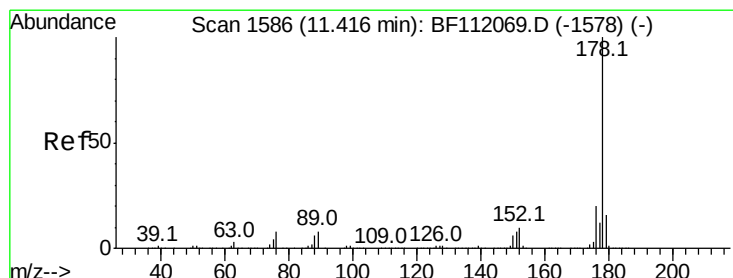
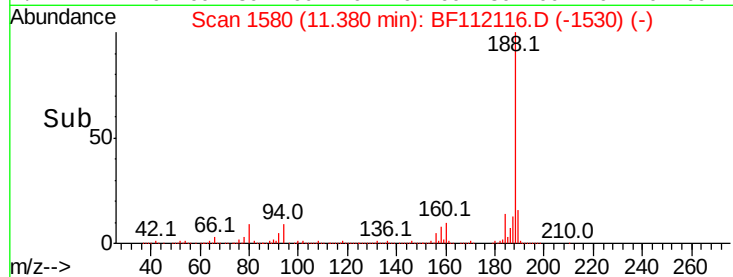
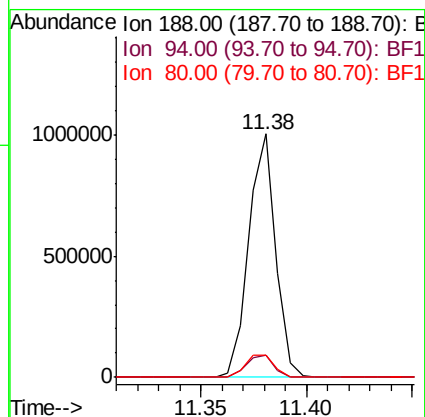
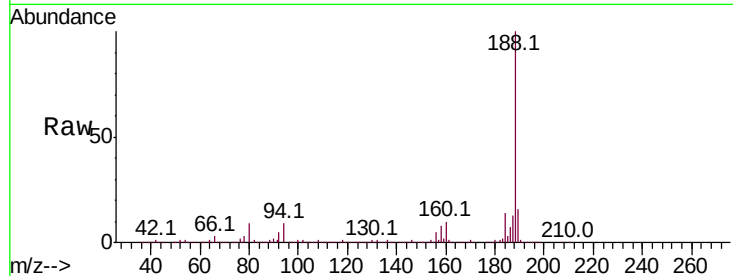
ClientSampled :

WC-02-011519

Tot Ion:188	Resp:	887820
Ion Ratio	Lower	Upper
188 100		
94 8.9	8.2	12.2
80 8.9	8.9	13.3

Manual Integrations
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#71

Phenanthrene

Concen: 13.372 ng

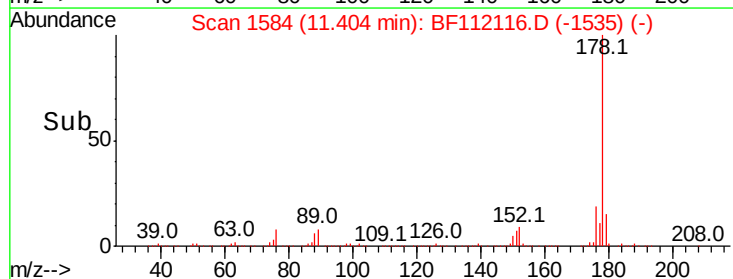
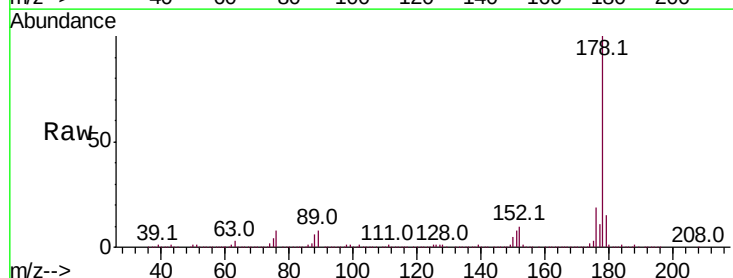
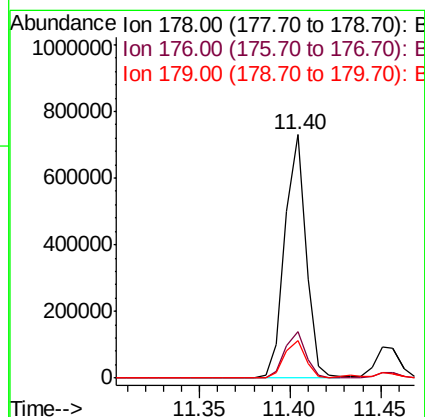
RT: 11.40 min Scan# 1584

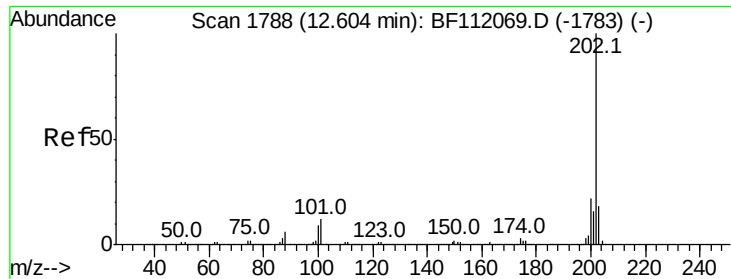
Delta R.T. -0.01 min

Lab File: BF112116.D

Acq: 18 Jan 2019 10:09

Tgt Ion:178	Resp:	597472
Ion Ratio	Lower	Upper
178 100		
176 19.2	16.3	24.5
179 15.2	13.0	19.4





#75

Fluoranthene

Concen: 16.169 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112116.D

Acq: 18 Jan 2019 10:09

Instrument :

BNA_F

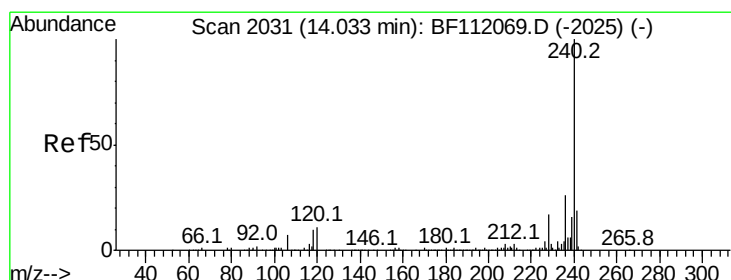
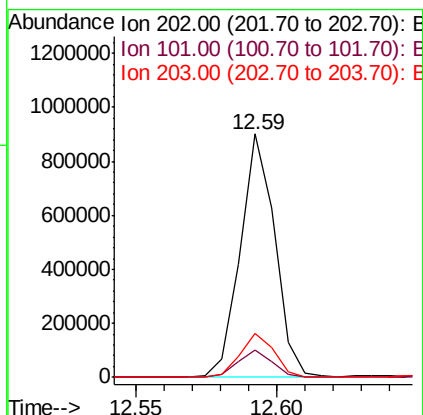
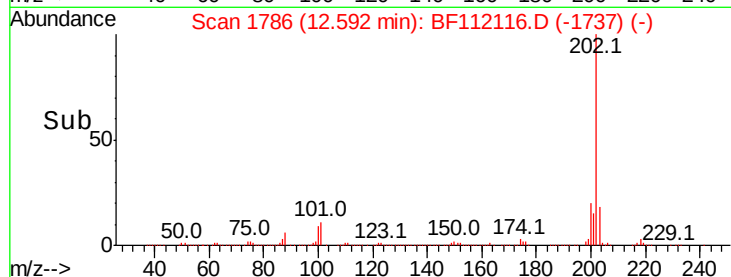
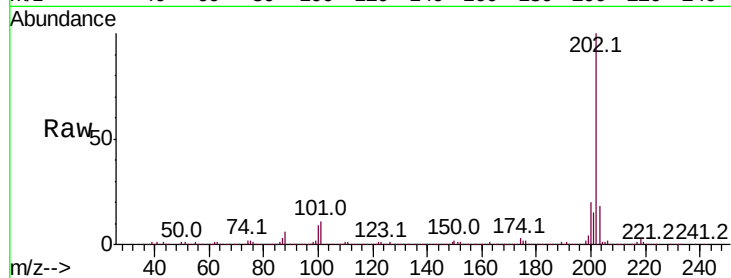
ClientSampleId :

WC-02-011519

Tot Ion	Ratio	Resp	Lower	Upper
202	100	762788		
101	11.1	0.0	31.8	
203	18.1	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

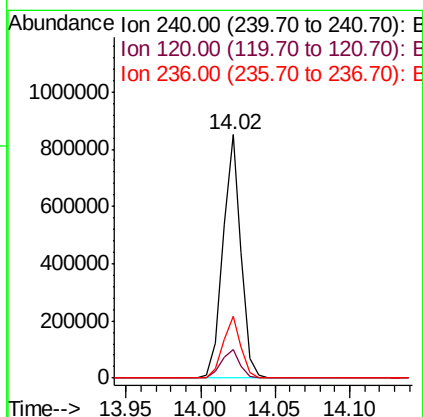
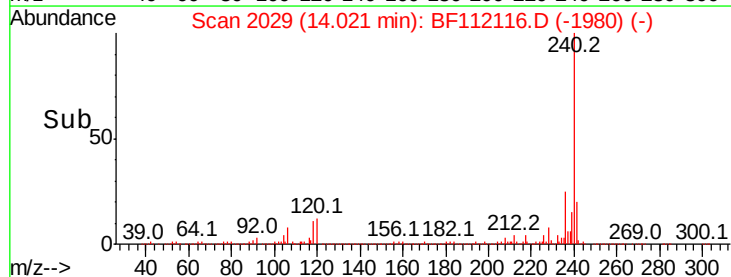
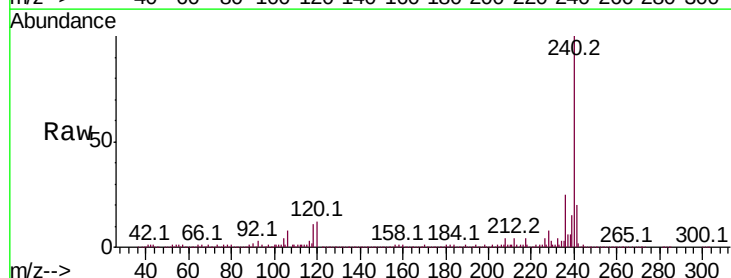
RT: 14.02 min Scan# 2029

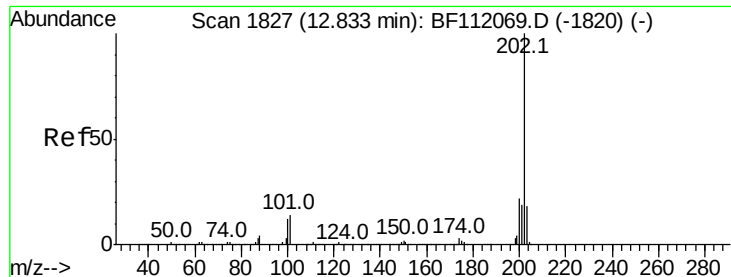
Delta R.T. -0.01 min

Lab File: BF112116.D

Acq: 18 Jan 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	723121		
120	11.8	9.0	13.6	
236	25.3	20.7	31.1	





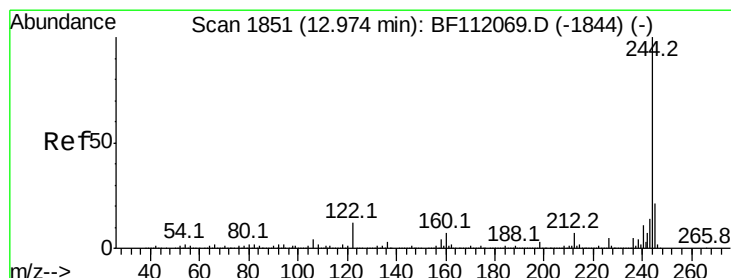
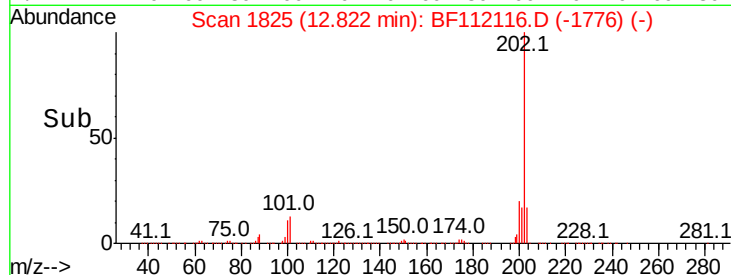
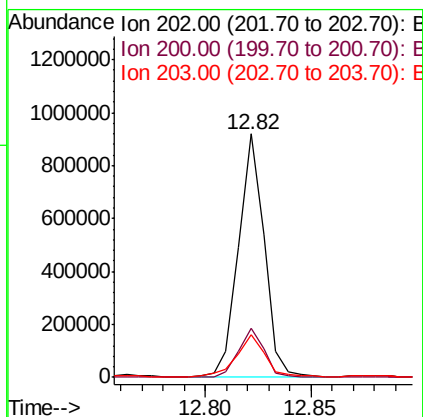
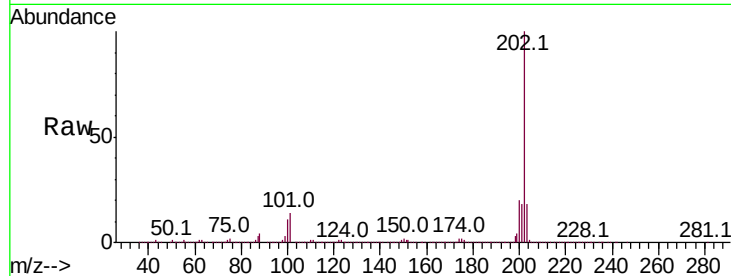
#78
Pvrene
Concen: 16.157 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Instrument :
BNA_F
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.7	26.5
203	17.7	14.6	22.0

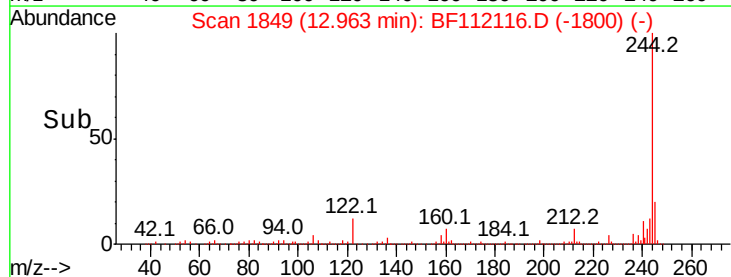
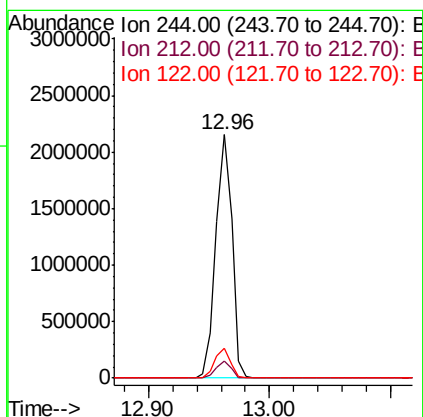
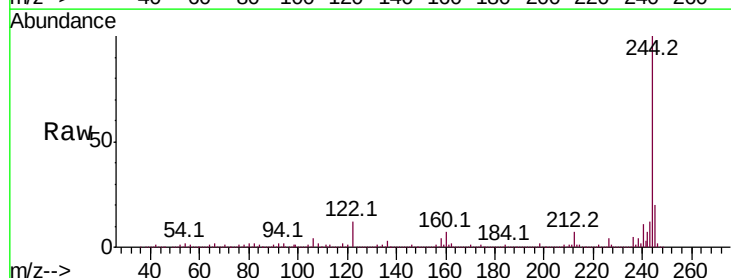
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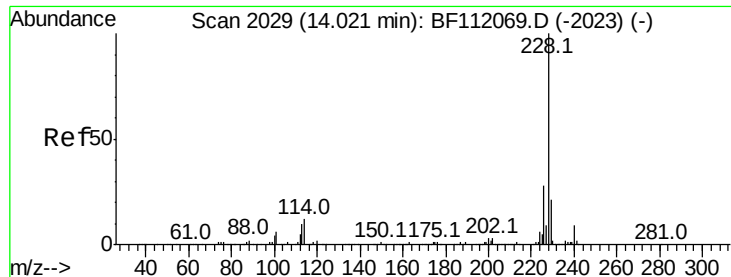
Sohil
1/21/2019 12:00:34 PM



#79
Terphenyl-d14
Concen: 57.880 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	12.1	9.8	14.6





#81

Benzo(a)anthracene

Concen: 8.449 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112116.D

Acq: 18 Jan 2019 10:09

Instrument :

BNA_F

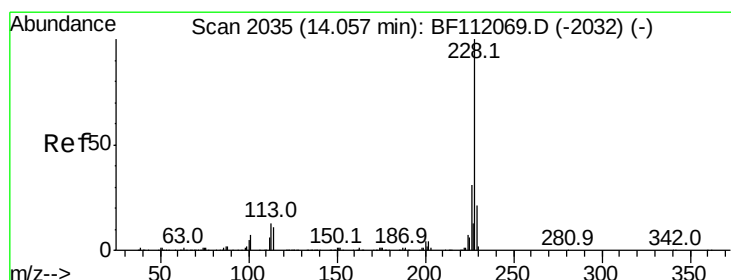
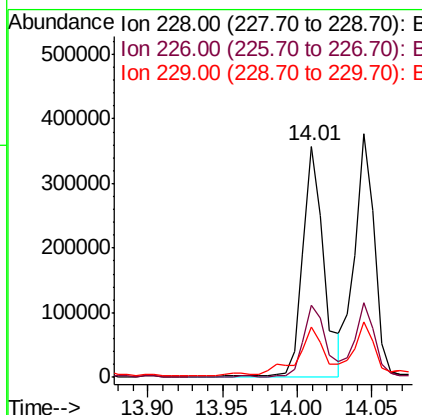
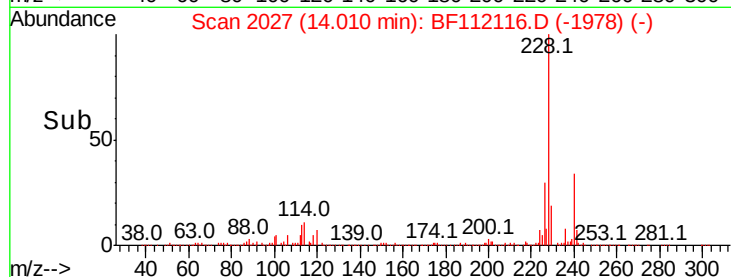
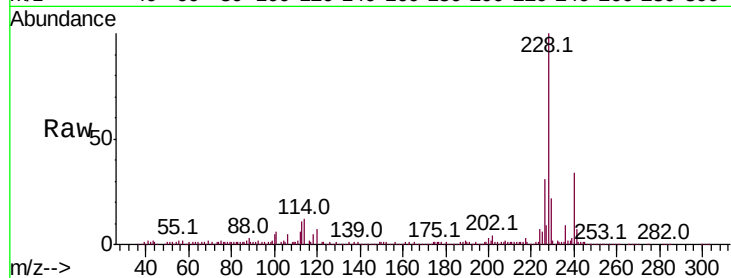
ClientSampleId :

WC-02-011519

Tot Ion:228	Resp:	350327
Ion Ratio	Lower	Upper
228 100		
226 31.2	22.6	34.0
229 21.9	16.5	24.7

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#83

Chrysene

Concen: 8.843 ng

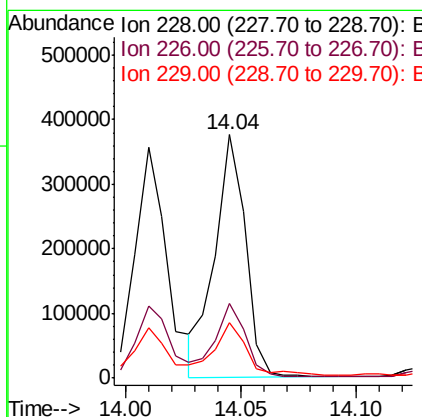
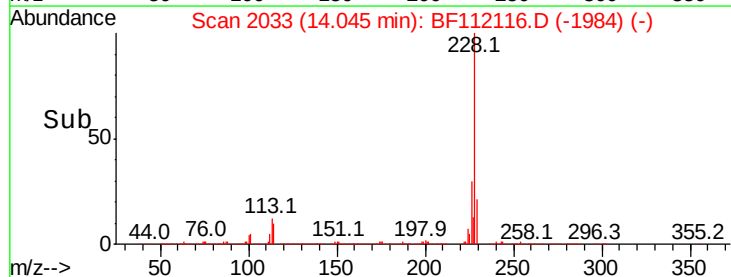
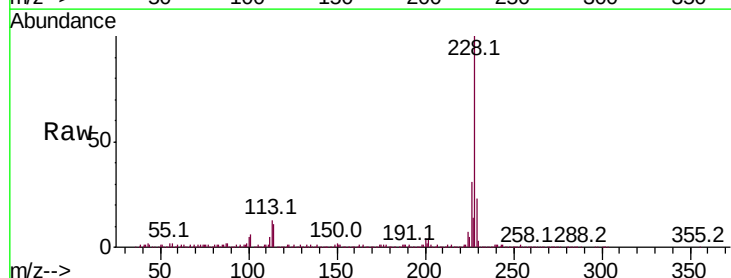
RT: 14.04 min Scan# 2033

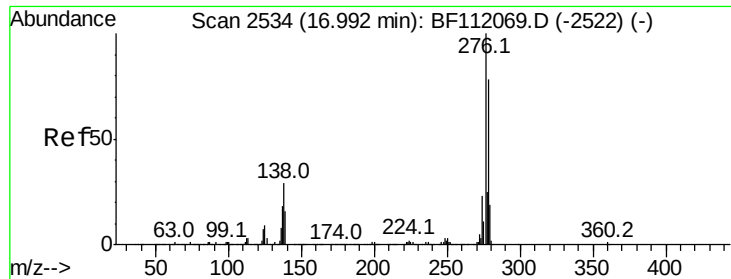
Delta R.T. -0.01 min

Lab File: BF112116.D

Acq: 18 Jan 2019 10:09

Tgt Ion:228	Resp:	346938
Ion Ratio	Lower	Upper
228 100		
226 30.6	25.0	37.6
229 22.9	16.6	24.8





#86

Indeno(1,2,3-cd)pyrene

Concen: 5.301 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF112116.D

Acq: 18 Jan 2019 10:09

Instrument :

BNA_F

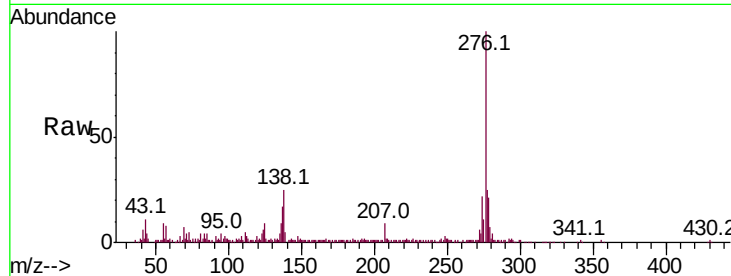
ClientSampleId :

WC-02-011519

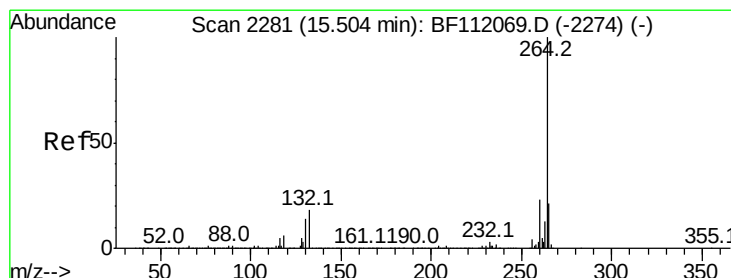
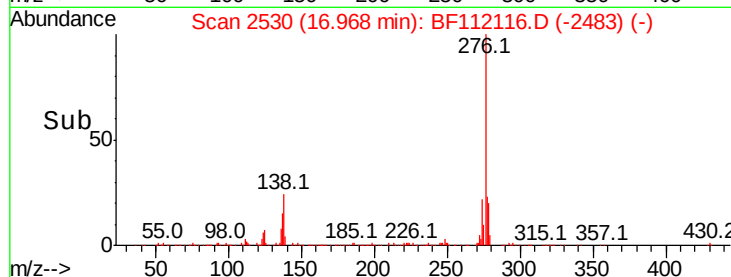
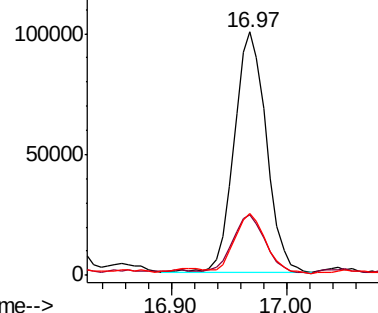
Tot Ion:	276	Resp:	191864
Ion Ratio	Lower	Upper	
276	100		
138	24.9	22.6	34.0
277	24.5	20.3	30.5

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

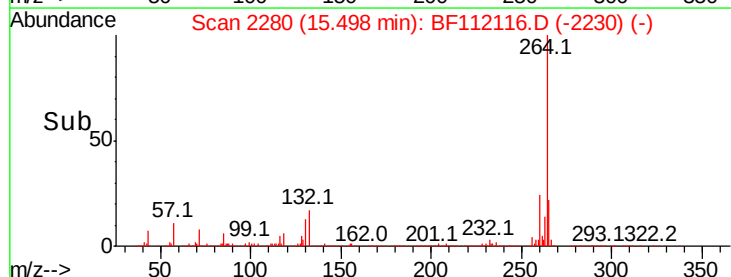
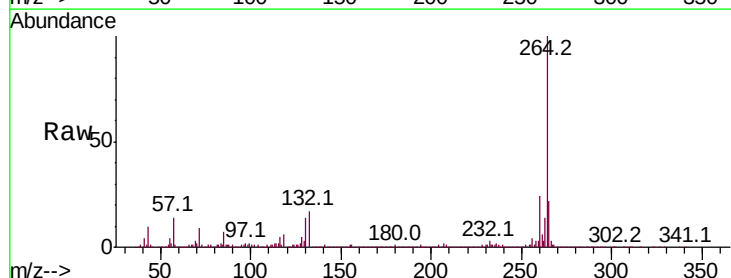
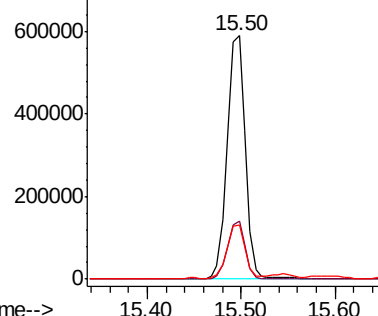
Delta R.T. -0.01 min

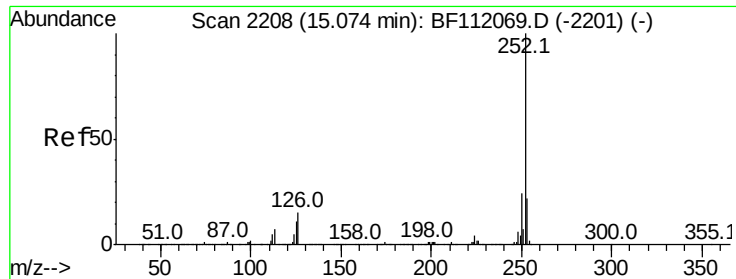
Lab File: BF112116.D

Acq: 18 Jan 2019 10:09

Tgt Ion:	264	Resp:	789062
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.2	27.2
265	22.4	17.0	25.4

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





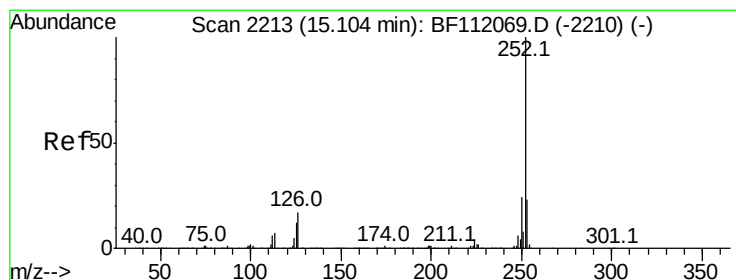
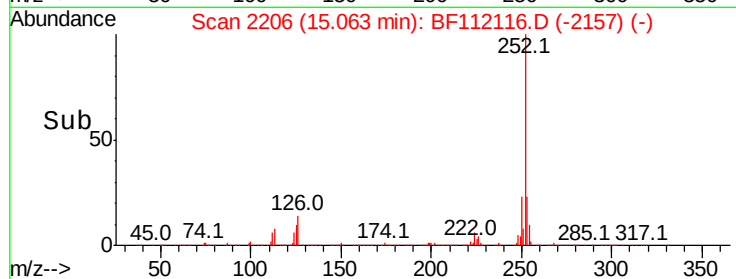
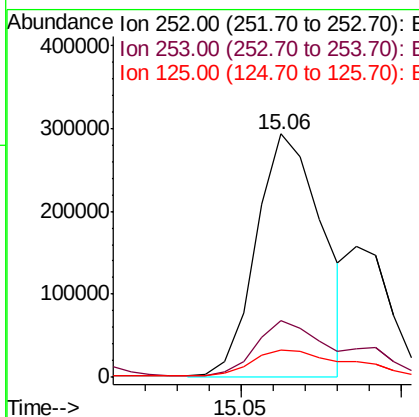
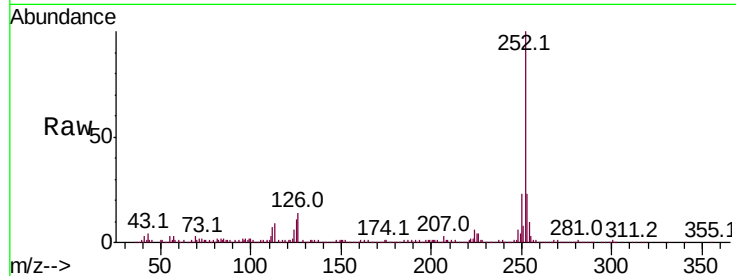
#88
Benzo(b)fluoranthene
Concen: 9.409 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Instrument :
BNA_F
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	11.2	8.7	13.1

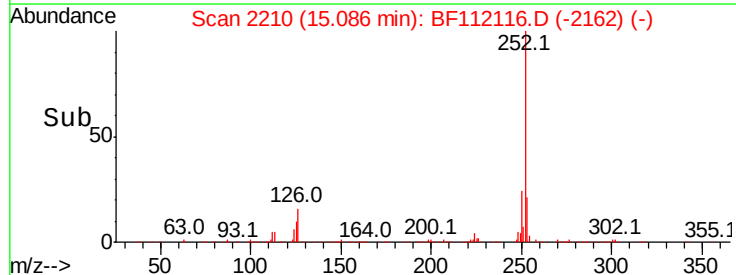
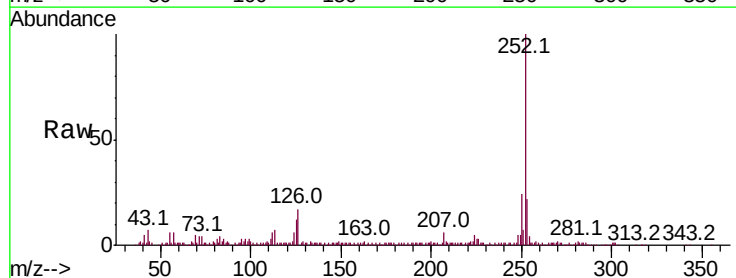
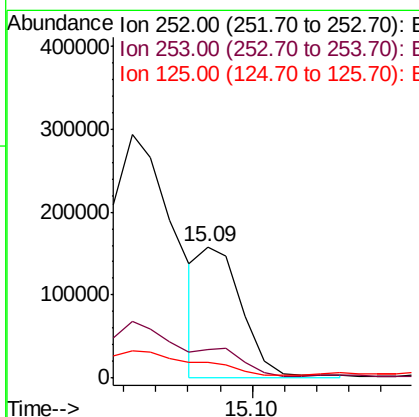
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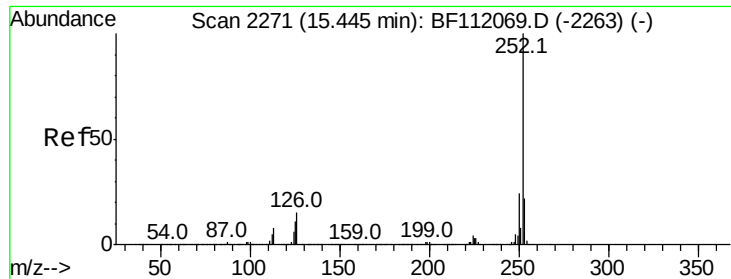
Sohil
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#89
Benzo(k)fluoranthene
Concen: 3.387 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.8	9.1	13.7





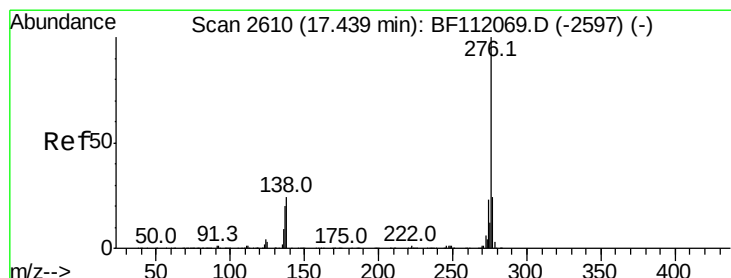
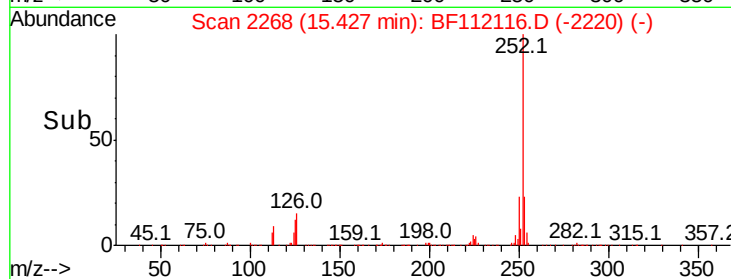
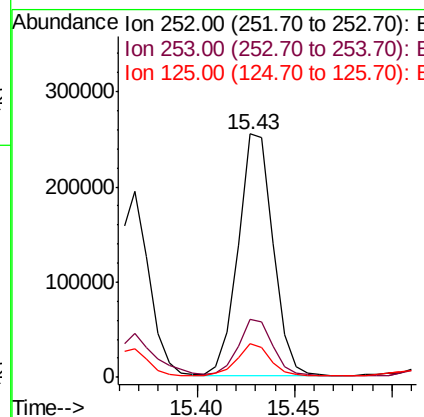
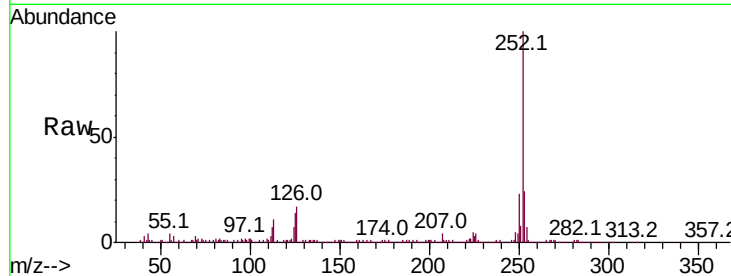
#90
Benzo(a)pyrene
Concen: 7.675 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Instrument :
BNA_F
ClientSampleId :
WC-02-011519

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	13.6	9.0	13.4

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#92
Benzo(g,h,i)perylene
Concen: 5.206 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.02 min
Lab File: BF112116.D
Acq: 18 Jan 2019 10:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	24.9	19.1	28.7

