

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118611.D
 Acq On : 21 Jan 2020 00:35
 Operator : CG/JU
 Sample : L1164-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QVD-SB-01-0-52

Manual Integrations
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Quant Time: Jan 21 03:13:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	486651	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1655473	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	763695	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1161257	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1009938	20.00	ng	0.00
87) Perylene-d12	15.51	264	961099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2673396	102.03	ng	0.00
7) Phenol-d6	6.50	99	3429897	100.71	ng	0.00
23) Nitrobenzene-d5	7.44	82	2095043	70.79	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	776598	87.92	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3480169	74.90	ng	0.00
79) Terphenyl-d14	12.99	244	3207791	69.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	221190	4.446	ng	Qvalue 97
71) Phenanthrene	11.43	178	539588	9.631	ng	93
72) Anthracene	11.47	178	135629m	2.447	ng	
75) Fluoranthene	12.61	202	750426	12.700	ng	94
78) Pyrene	12.84	202	621342	9.062	ng	93
81) Benzo(a)anthracene	14.03	228	334172	5.500	ng	99
83) Chrysene	14.06	228	277480	4.766	ng	95
86) Indeno(1,2,3-cd)pyrene	16.98	276	140726	2.782	ng	95
88) Benzo(b)fluoranthene	15.08	252	362026m	5.993	ng	
90) Benzo(a)pyrene	15.44	252	234907	4.508	ng	# 95
92) Benzo(g,h,i)perylene	17.42	276	131751	2.944	ng	94

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

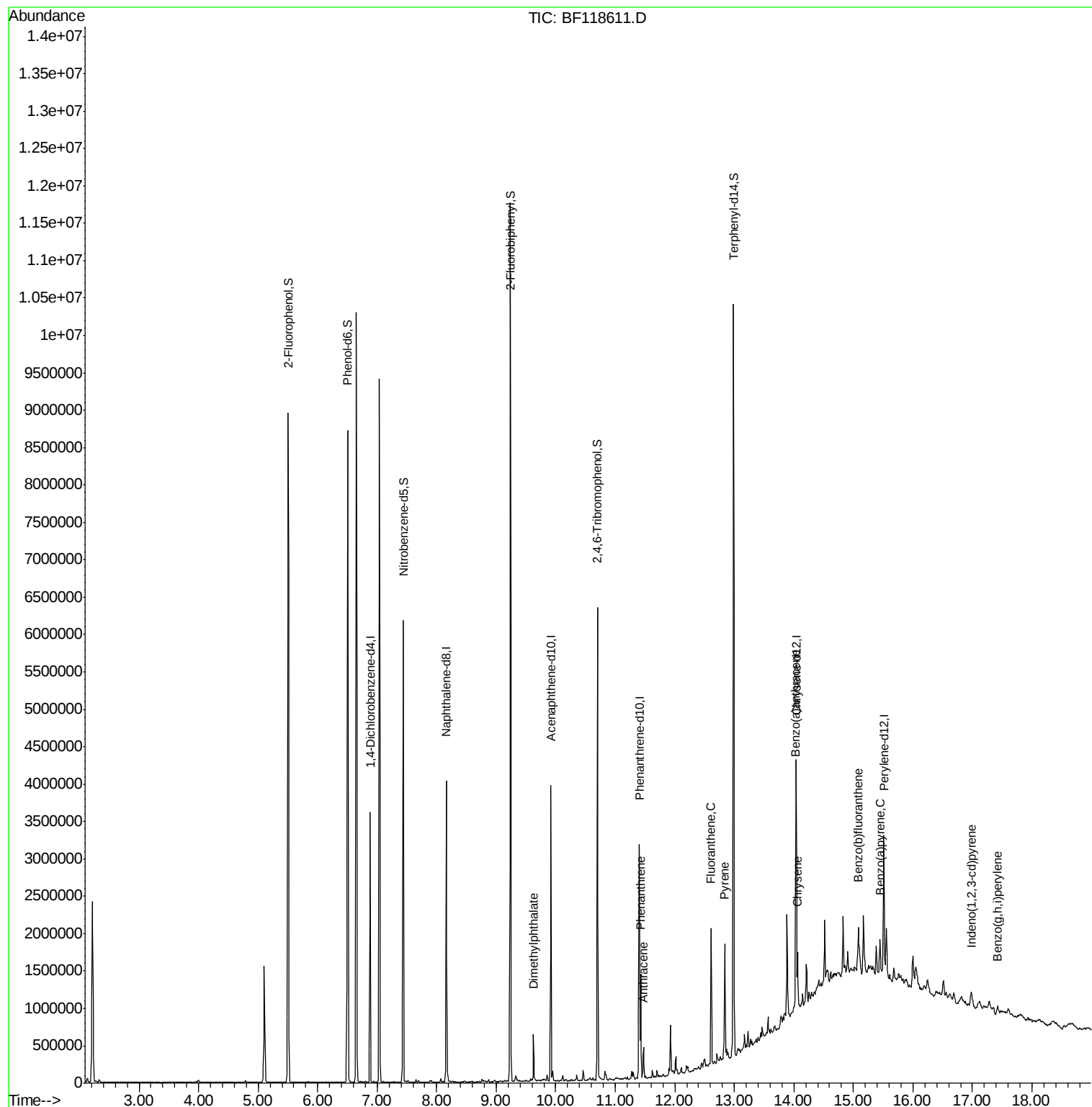
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118611.D
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Operator : CG/JU
Sample : L1164-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

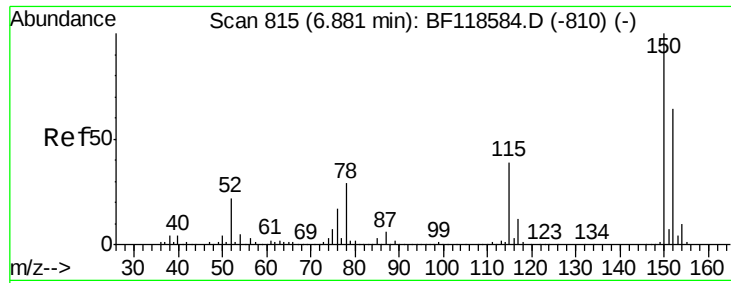
Instrument :
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QVD-SB-01-0-52

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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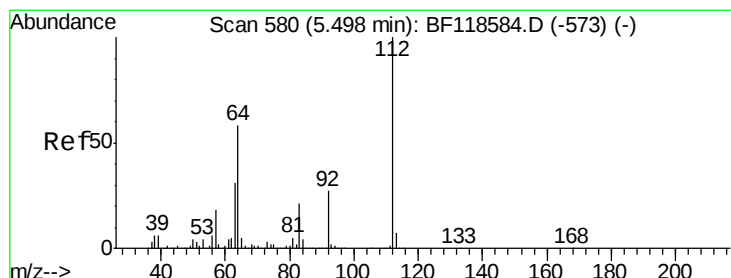
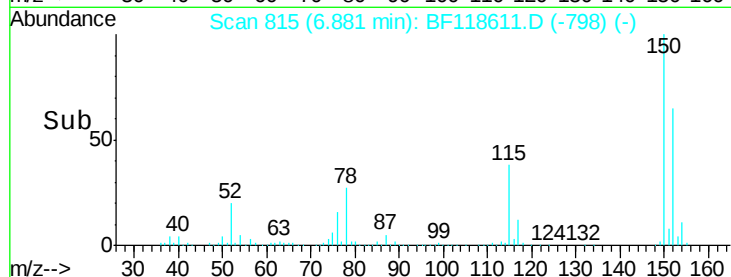
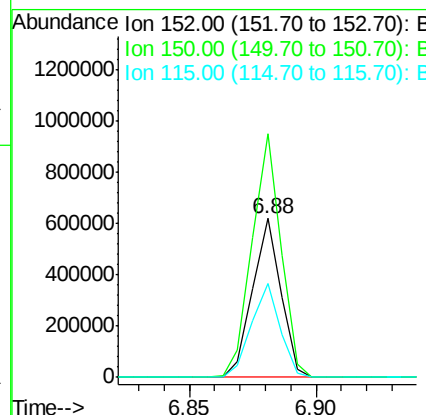
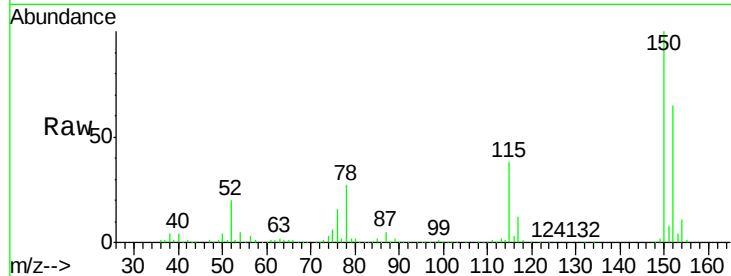
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118611.D
 Acq: 21 Jan 2020 00:35

Instrument :
 BNA_F
 ClientSampleId :
 QVD-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.6	188.4
115	58.6	48.4	72.6

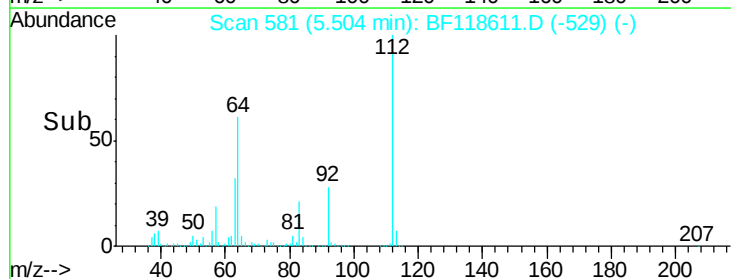
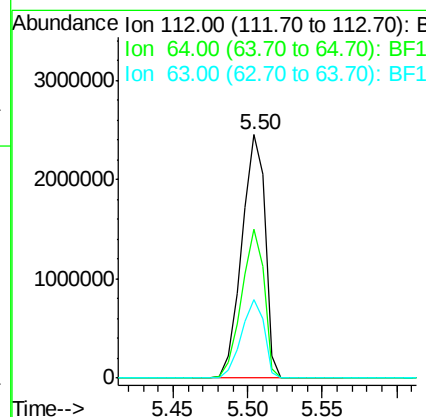
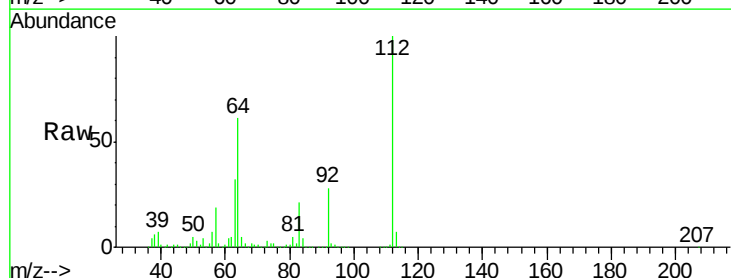
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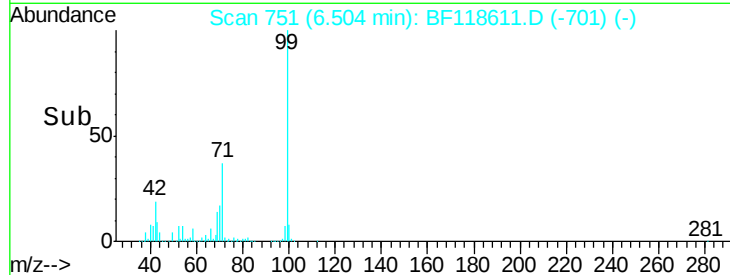
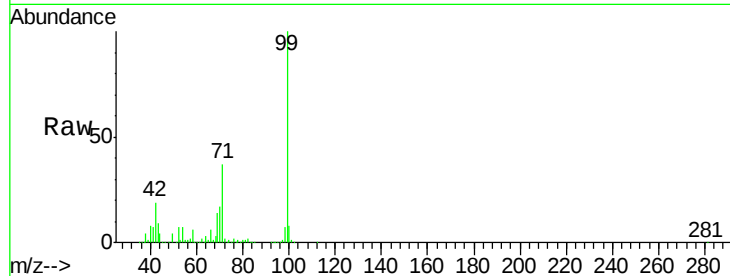
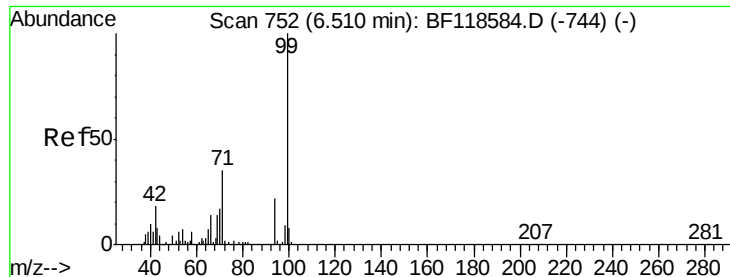
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#5
 2-Fluorophenol
 Concen: 102.027 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF118611.D
 Acq: 21 Jan 2020 00:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.6	70.0
63	32.5	25.1	37.7





#7

Phenol-d6

Concen: 100.711 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118611.D

Acq: 21 Jan 2020 00:35

Tot Ion: 99 Resp: 3429897

Ion Ratio Lower Upper

99 100

42 19.2 14.2 21.2

71 37.1 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

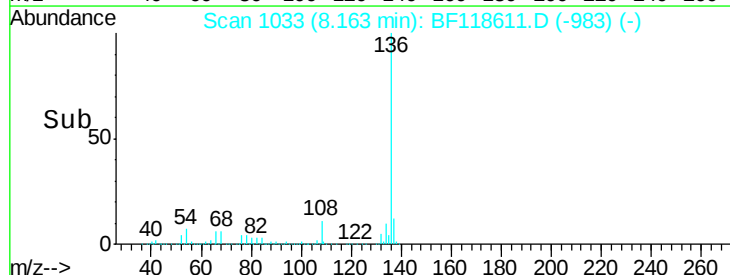
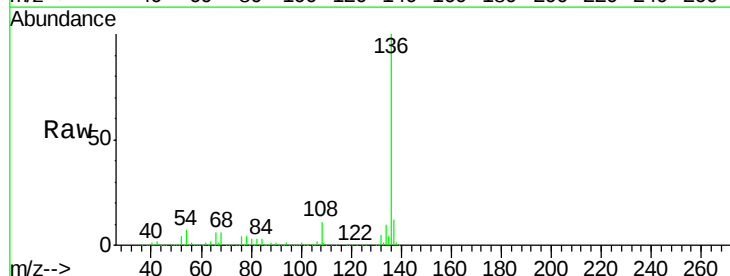
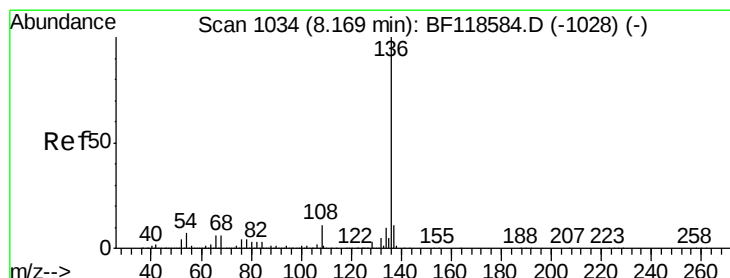
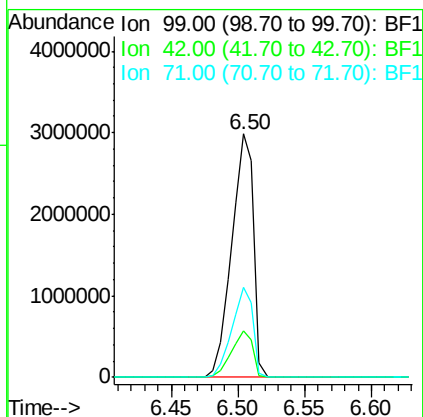
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118611.D

Acq: 21 Jan 2020 00:35

Tgt Ion: 136 Resp: 1655473

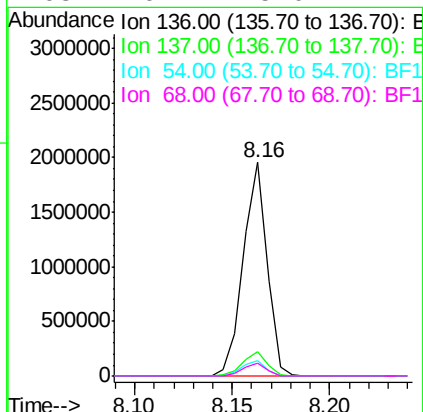
Ion Ratio Lower Upper

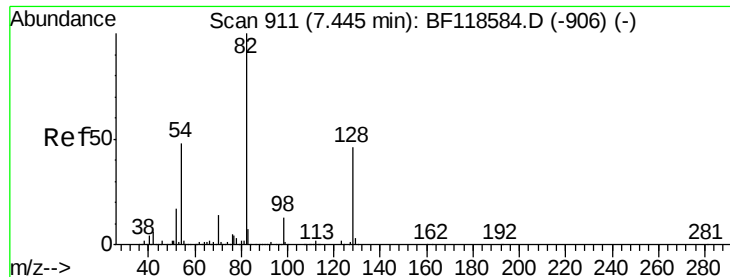
136 100

137 11.6 9.1 13.7

54 7.3 5.8 8.6

68 6.2 5.0 7.4





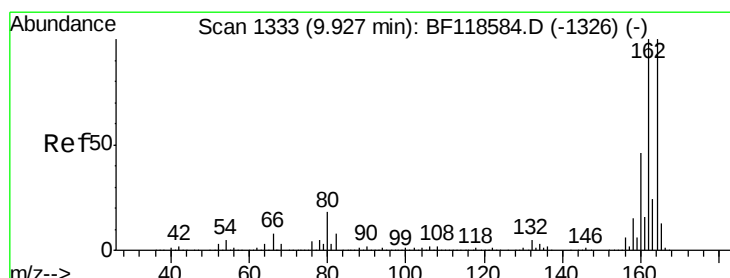
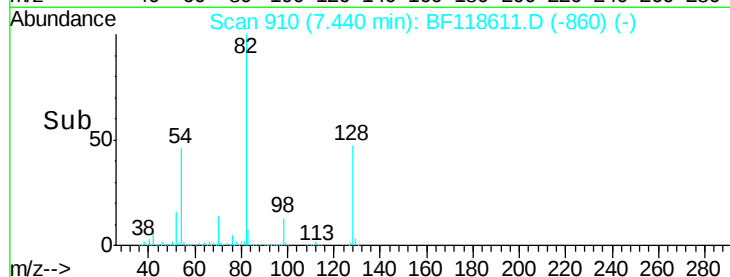
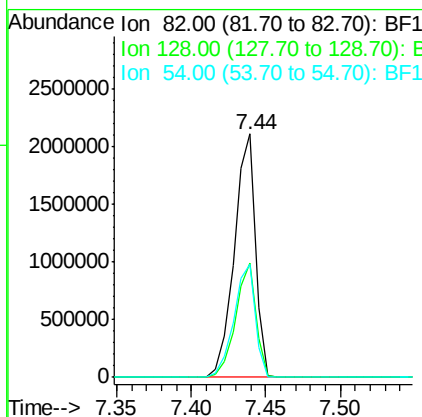
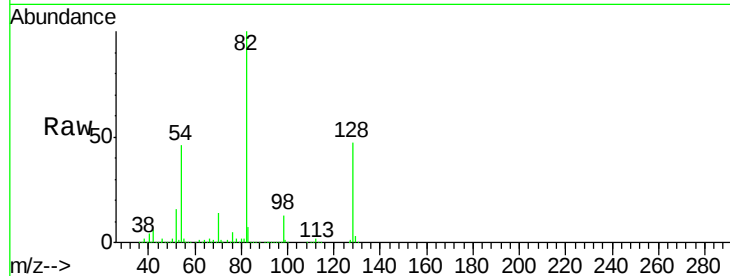
#23
Nitrobenzene-d5
Concen: 70.786 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Instrument :
BNA_F
ClientSampleId :
QVD-SB-01-0-52

Tot Ion	82	Resp	2095043
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.6	54.8
54	46.4	38.0	57.0

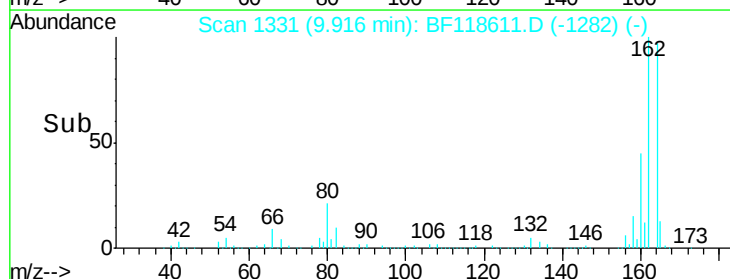
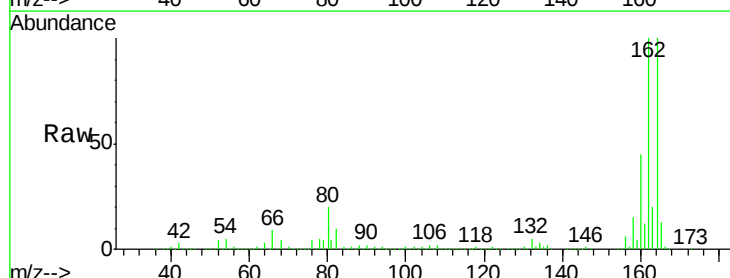
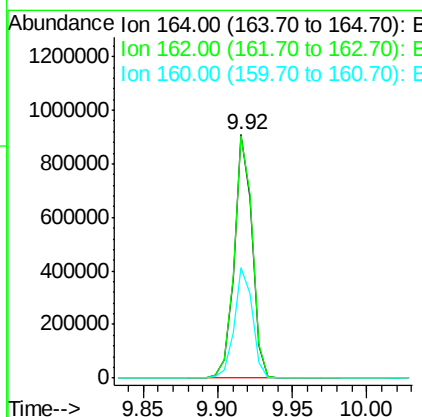
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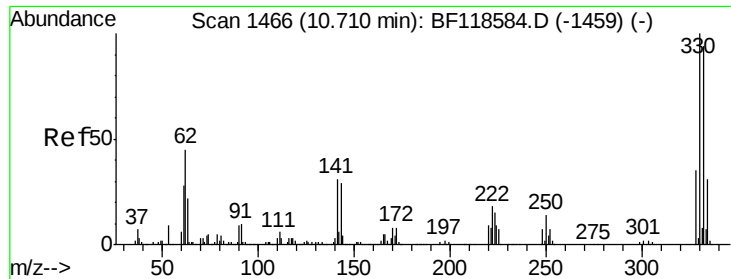
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Tgt Ion	164	Resp	763695
Ion Ratio	Lower	Upper	
164	100		
162	99.7	80.4	120.6
160	45.2	36.6	55.0





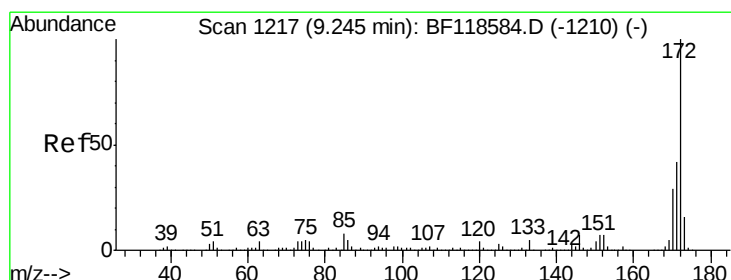
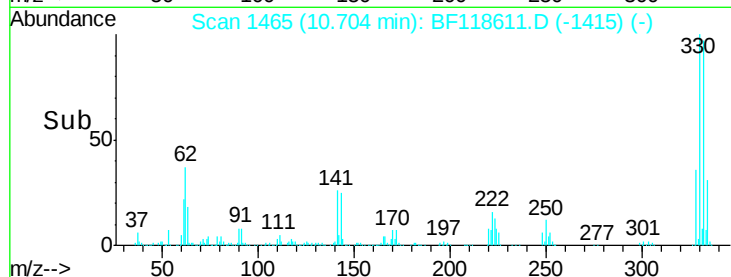
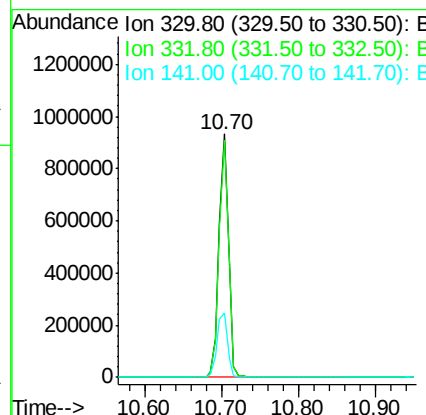
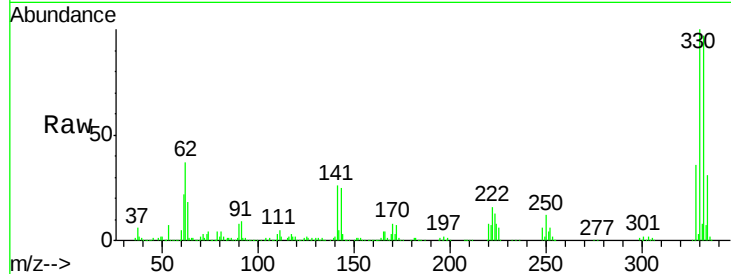
#42
 2,4,6-Tribromophenol
 Concen: 87.919 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118611.D
 Acq: 21 Jan 2020 00:35

Instrument :
 BNA_F
 ClientSampleId :
 QVD-SB-01-0-52

Tot Ion	Ratio	Resp	Lower	Upper
330	100	776598		
332	97.5	76.2	114.4	
141	29.9	23.9	35.9	

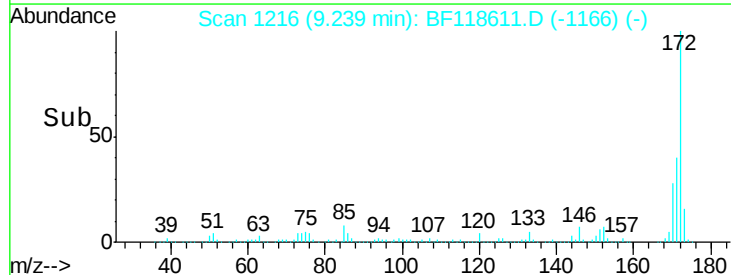
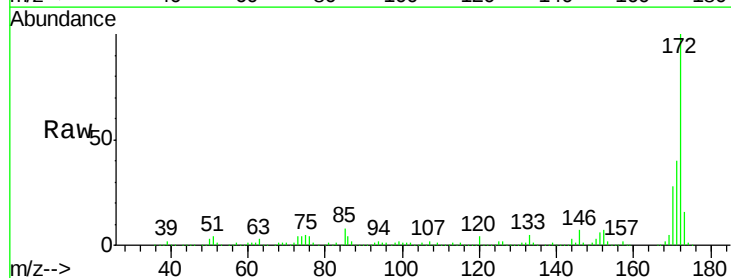
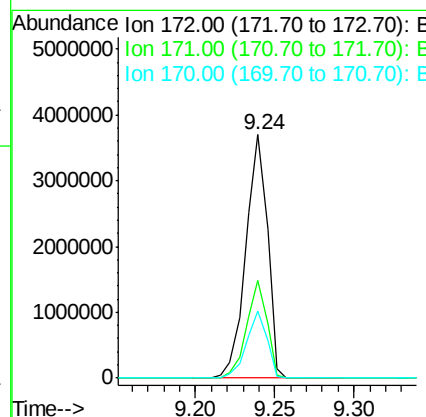
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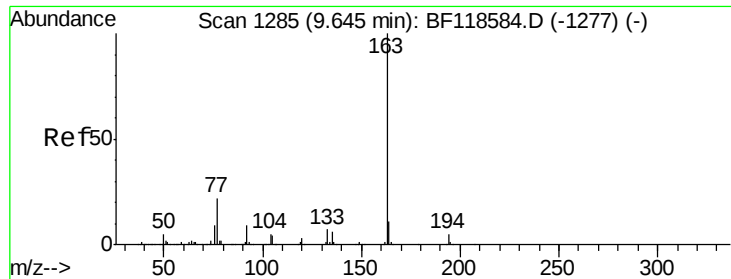
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#45
 2-Fluorobiphenyl
 Concen: 74.900 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118611.D
 Acq: 21 Jan 2020 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3480169		
171	40.2	33.4	50.2	
170	27.6	23.2	34.8	





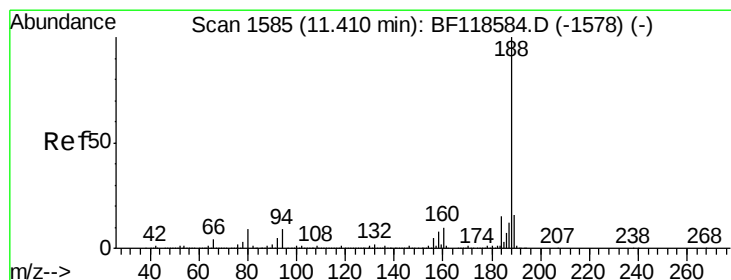
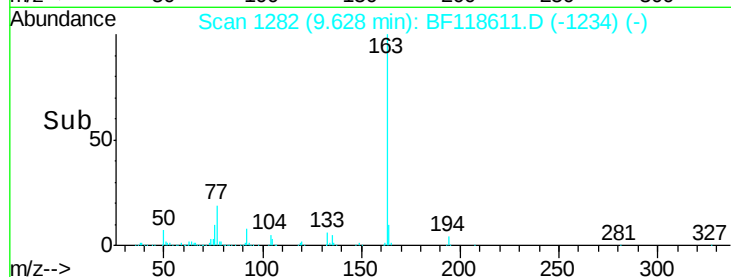
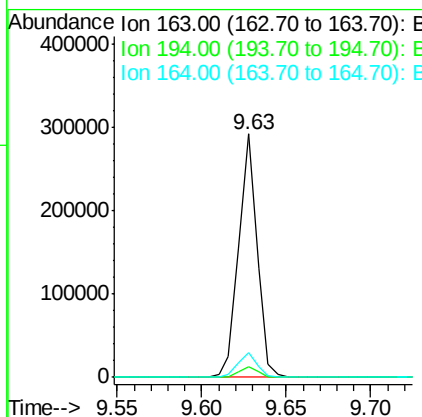
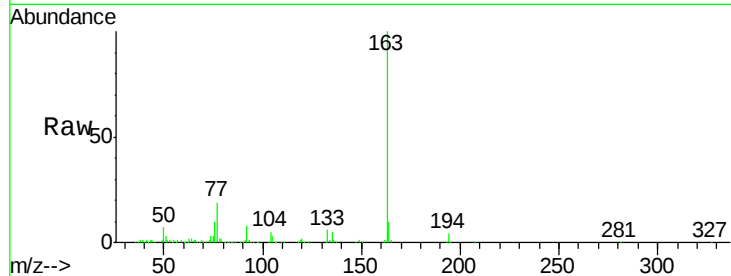
#50
Dimethylphthalate
Concen: 4.446 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Instrument :
BNA_F
ClientSampleId :
QVD-SB-01-0-52

Tot Ion	Ratio	Resp	Lower	Upper
163	100	221190		
194	4.4		3.9	5.9
164	10.1		9.1	13.7

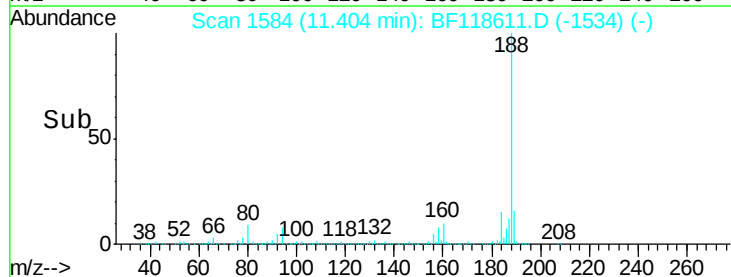
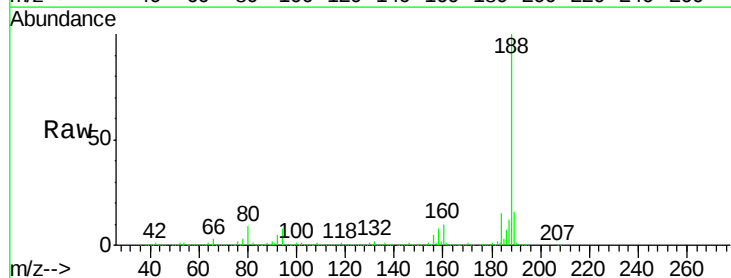
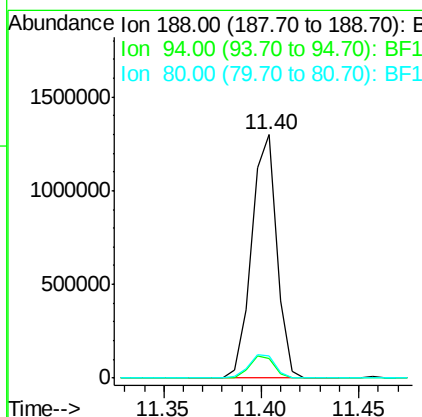
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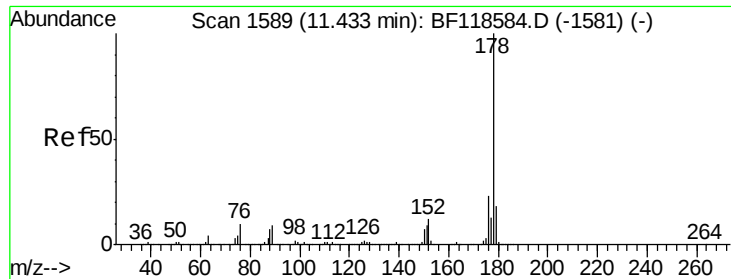
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1161257		
94	8.3		7.1	10.7
80	9.0		7.5	11.3





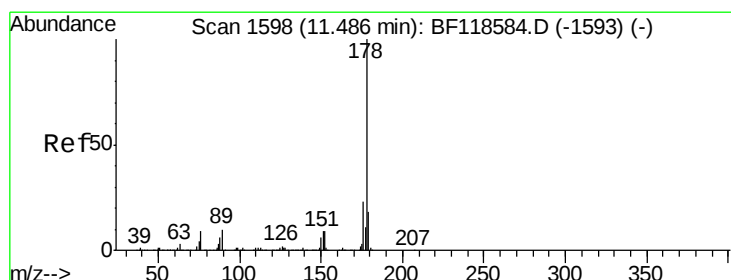
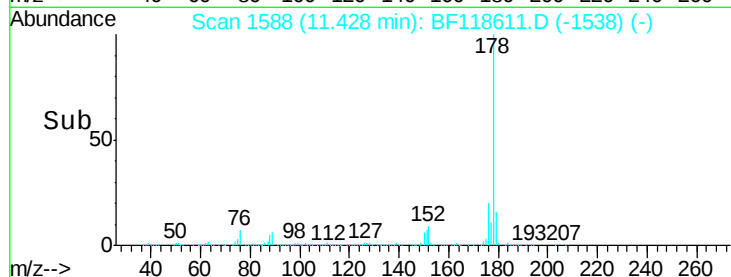
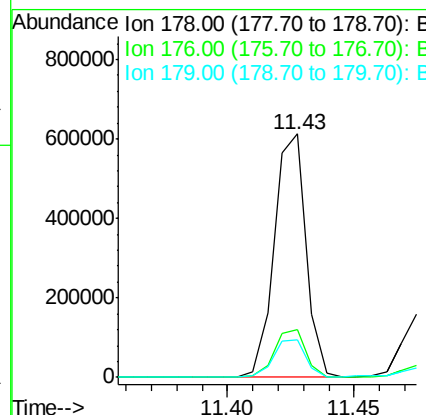
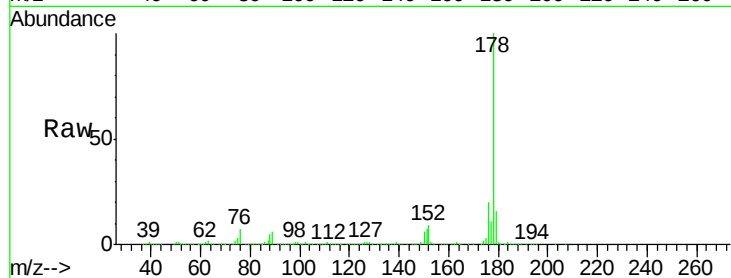
#71
Phenanthrene
Concen: 9.631 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Instrument :
BNA_F
ClientSampleId :
QVD-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	18.6	27.8
179	15.6	14.7	22.1

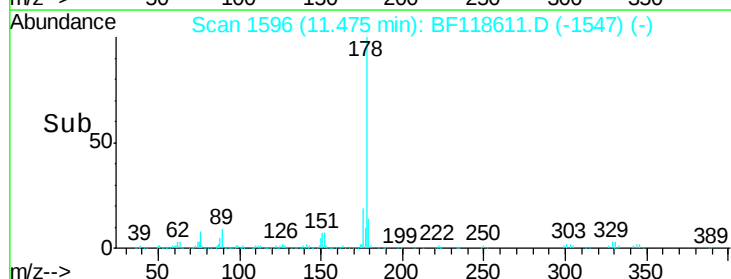
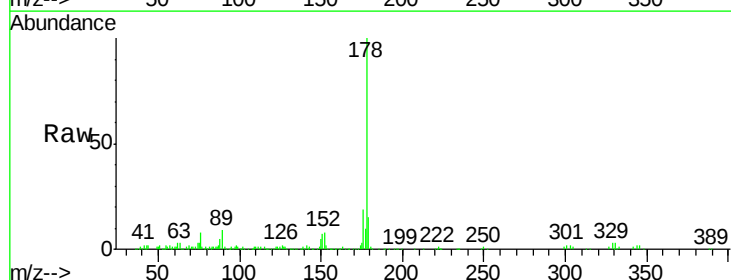
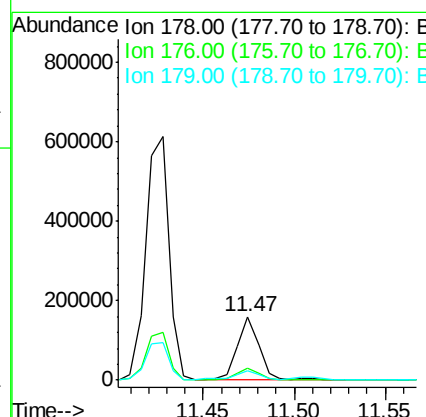
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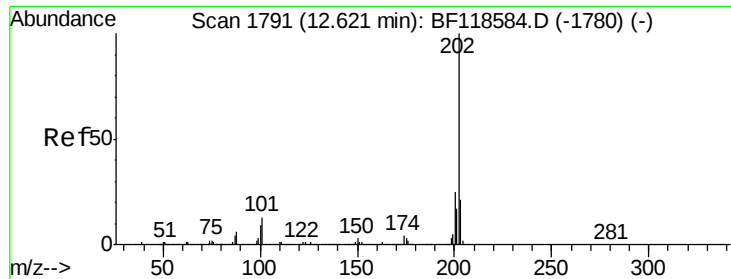
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#72
Anthracene
Concen: 2.447 ng m
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	18.0	27.0
179	14.6	14.7	22.1#





#75

Fluoranthene

Concen: 12.700 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118611.D

Acq: 21 Jan 2020 00:35

Instrument :

BNA_F

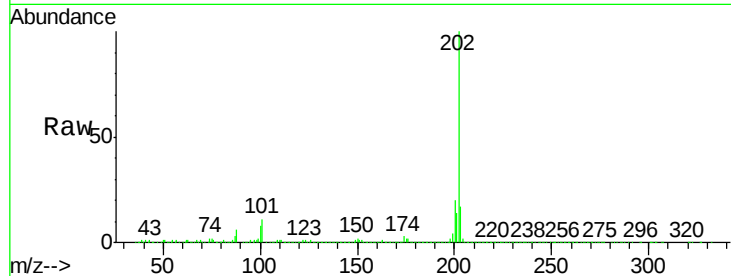
ClientSampleId :

QVD-SB-01-0-52

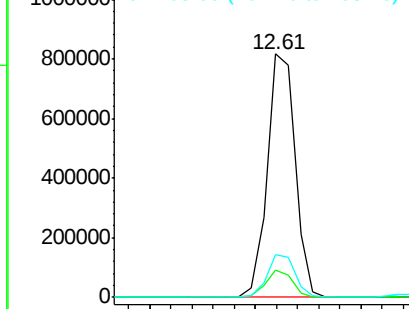
Tot Ion:	202	Resp:	750426
Ion Ratio		Lower	Upper
202	100		
101	11.4	0.0	32.5
203	17.4	0.8	40.8

Manual Integrations
APPROVED

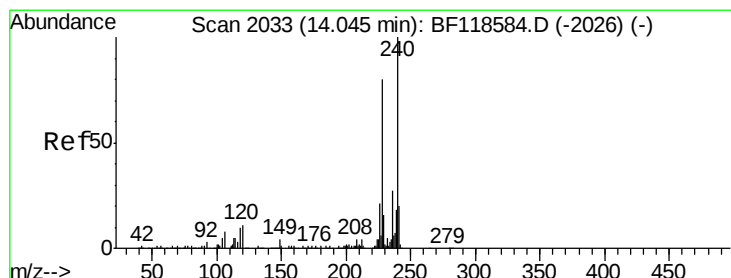
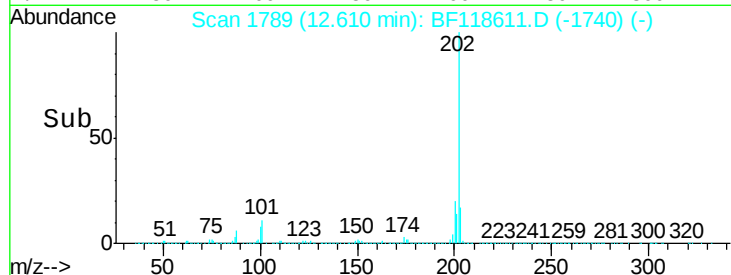
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

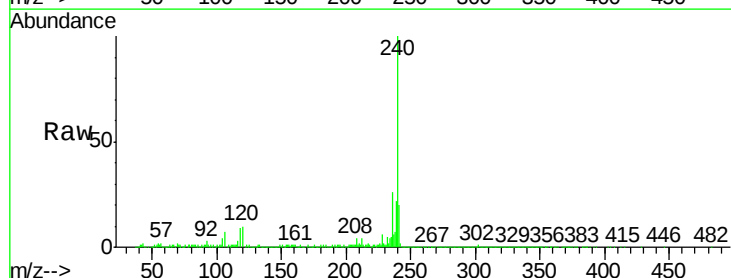
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Delta R.T. -0.01 min

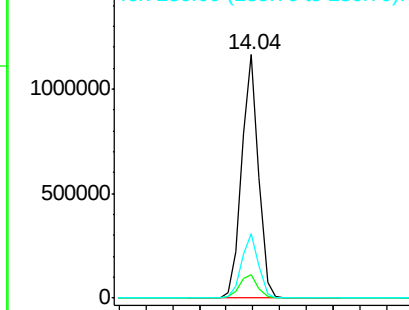
Lab File: BF118611.D

Acq: 21 Jan 2020 00:35

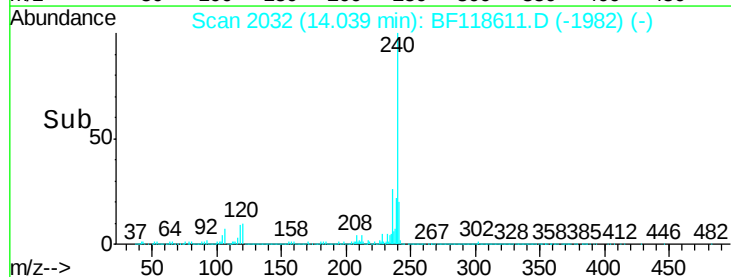
Tgt Ion:	240	Resp:	1009938
Ion Ratio		Lower	Upper
240	100		
120	9.9	8.9	13.3
236	26.5	21.5	32.3

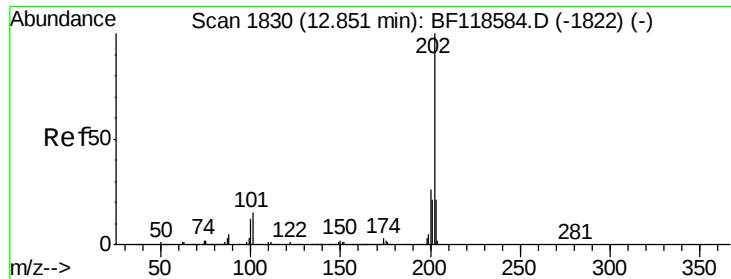


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





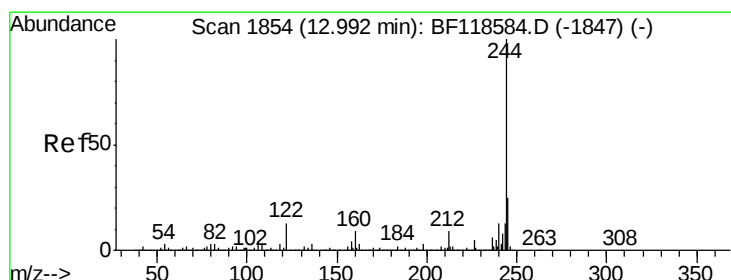
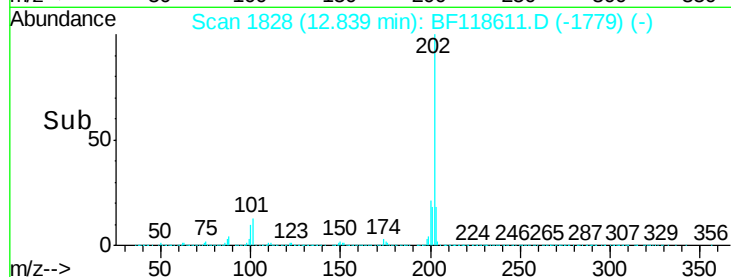
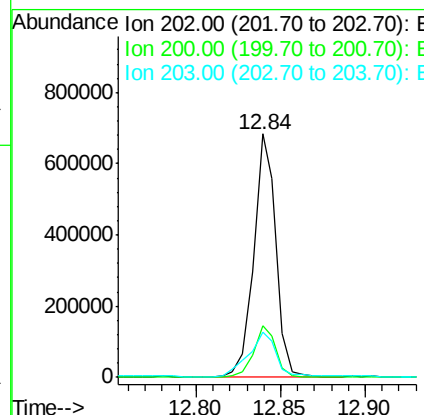
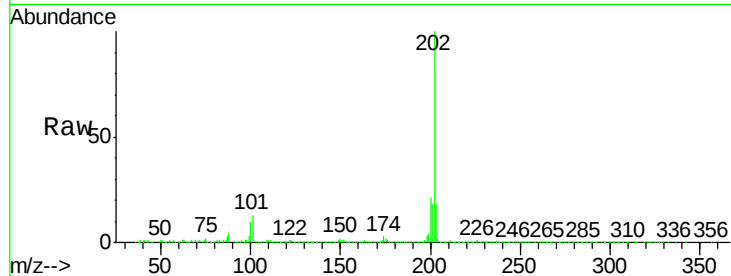
#78
Pvrene
Concen: 9.062 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Instrument :
BNA_F
ClientSampleId :
QVD-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	20.6	31.0
203	18.4	16.8	25.2

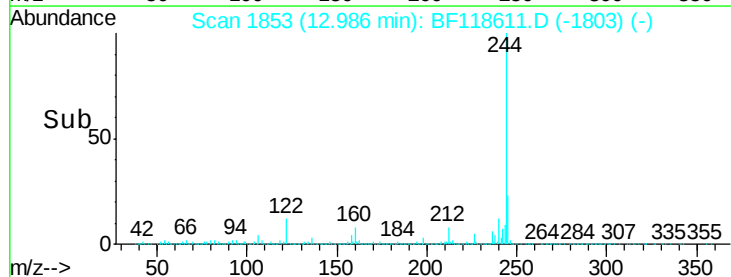
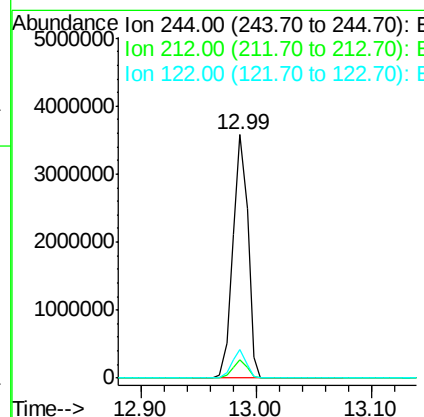
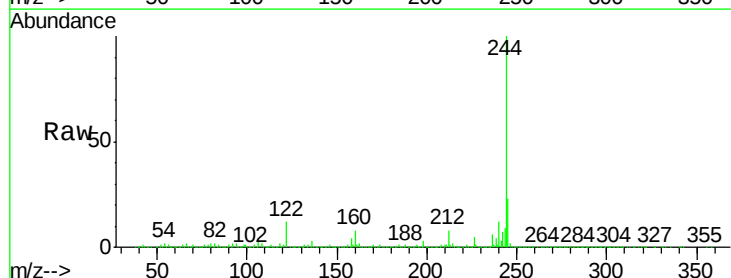
Manual Integrations
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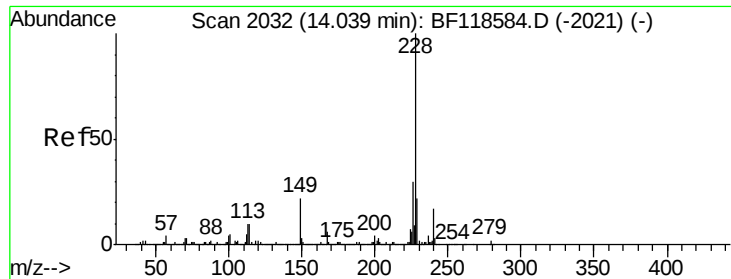
mohammad
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#79
Terphenyl-d14
Concen: 69.276 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.4
122	11.8	10.7	16.1





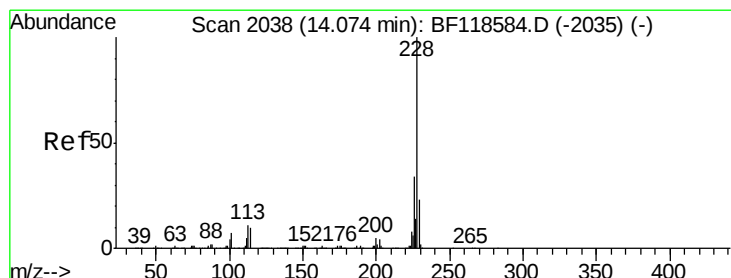
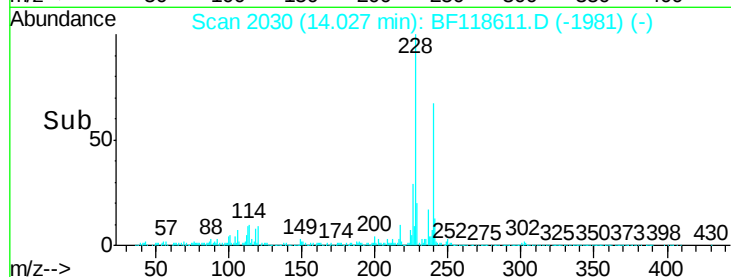
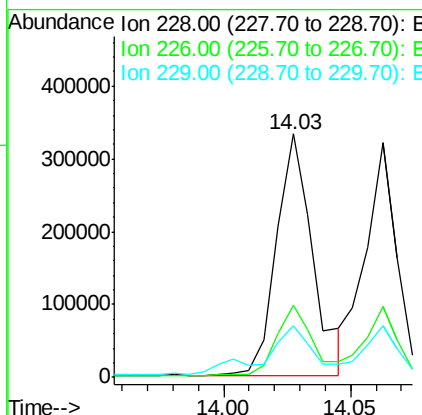
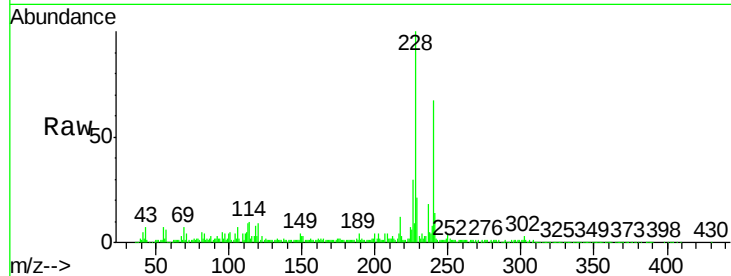
#81
Benzo(a)anthracene
Concen: 5.500 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Instrument :
BNA_F
ClientSampleId :
QVD-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.4	17.6	26.4

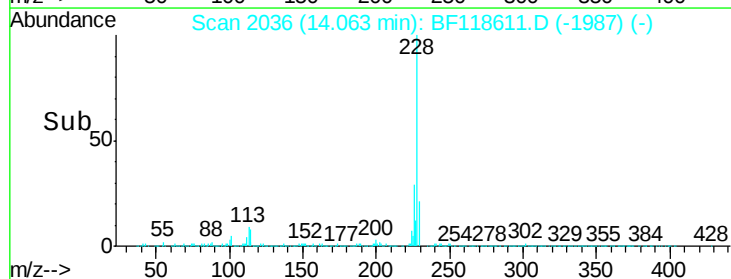
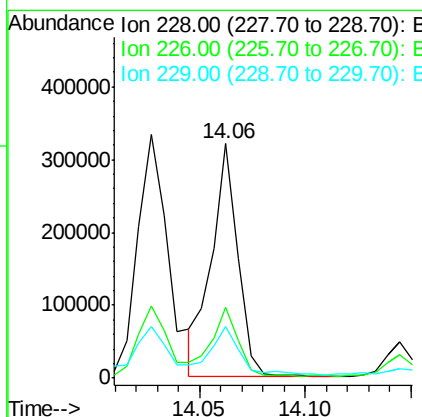
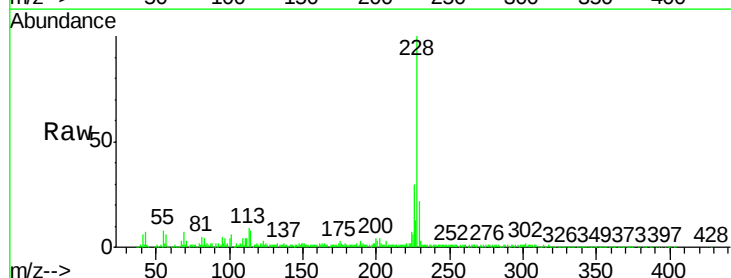
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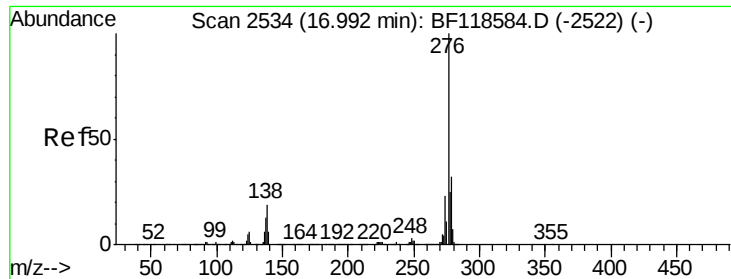
mohammad
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#83
Chrysene
Concen: 4.766 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	27.4	41.0
229	22.2	18.3	27.5





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.782 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF118611.D

Acq: 21 Jan 2020 00:35

Instrument :

BNA_F

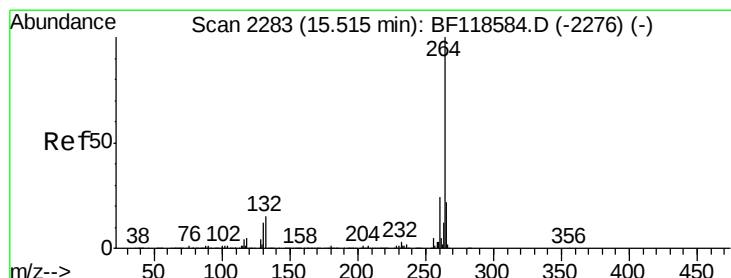
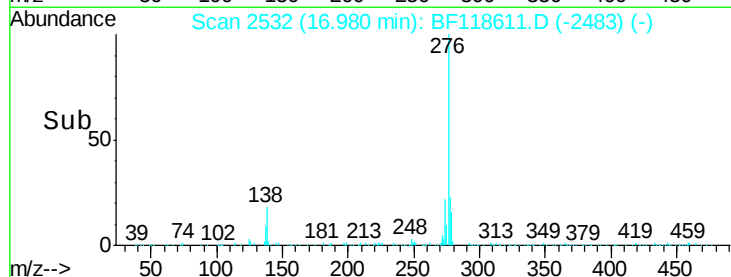
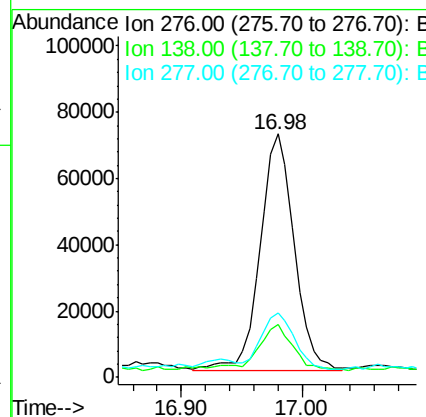
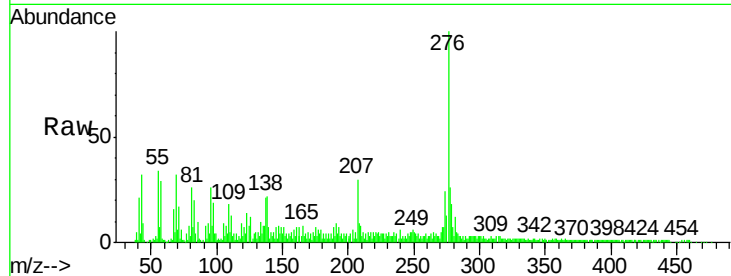
ClientSampleId :

QVD-SB-01-0-52

Tot Ion:	276	Resp:	140726
Ion Ratio	Lower	Upper	
276	100		
138	19.1	17.2	25.8
277	23.2	20.5	30.7

Manual Integrations
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#87

Perylene-d12

Concen: 20.000 ng

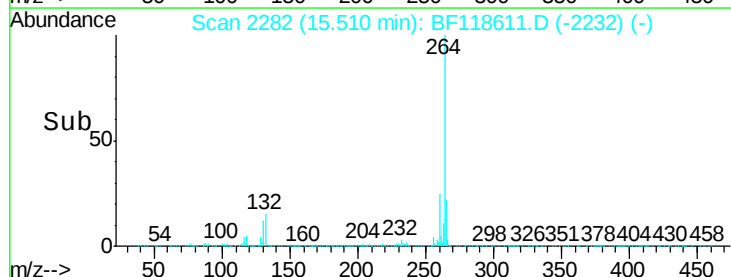
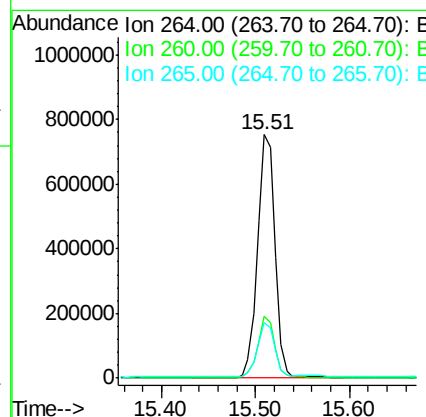
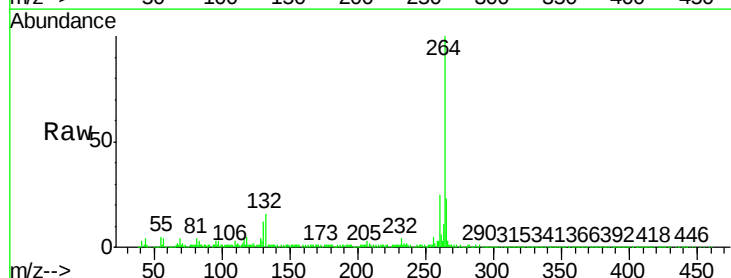
RT: 15.51 min Scan# 2282

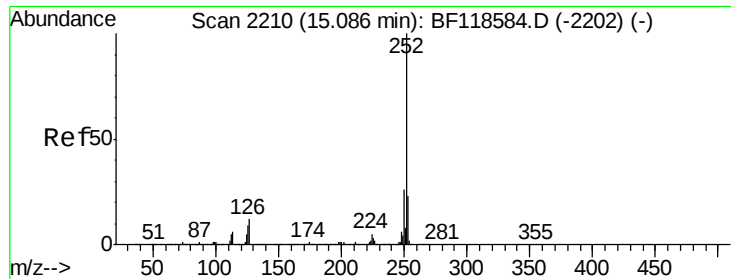
Delta R.T. -0.01 min

Lab File: BF118611.D

Acq: 21 Jan 2020 00:35

Tgt Ion:	264	Resp:	961099
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.6	29.4
265	22.8	17.7	26.5





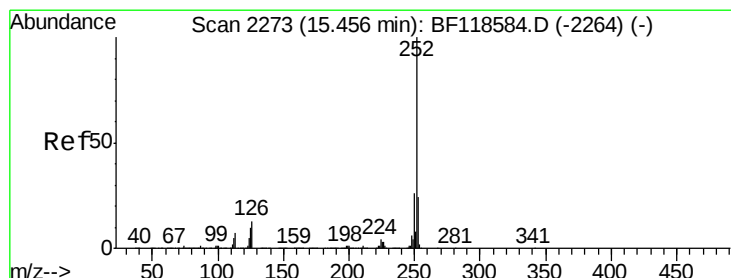
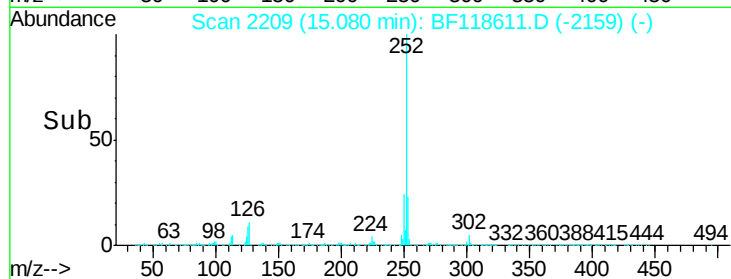
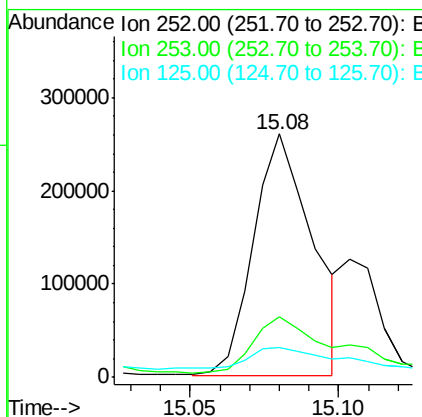
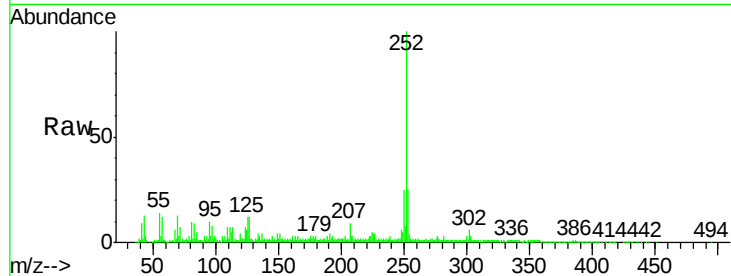
#88
Benzo(b)fluoranthene
Concen: 5.993 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Instrument :
BNA_F
ClientSampleId :
QVD-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.7	28.1
125	12.4	7.3	10.9

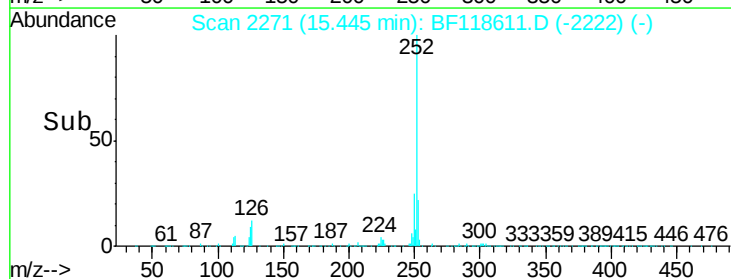
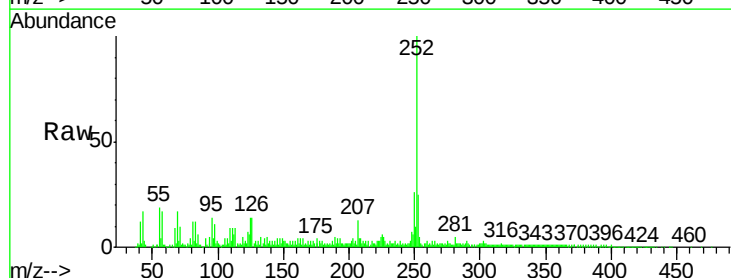
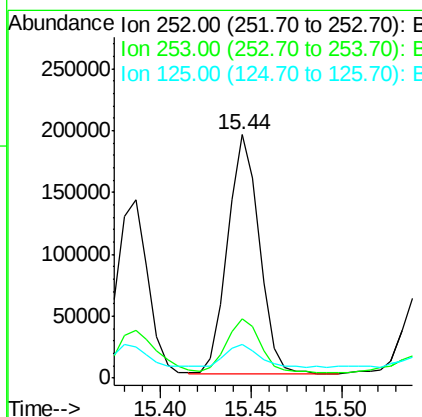
Manual Integrations
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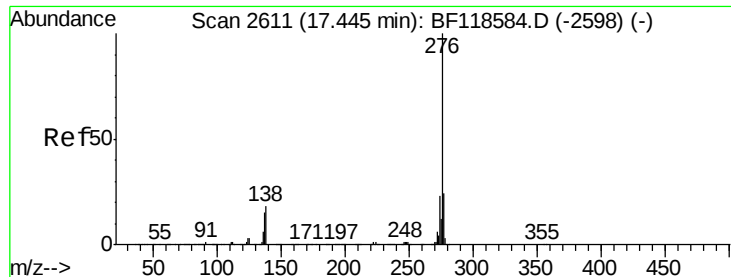
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#90
Benzo(a)pyrene
Concen: 4.508 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF118611.D
Acq: 21 Jan 2020 00:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.8	28.2
125	14.1	7.8	11.6





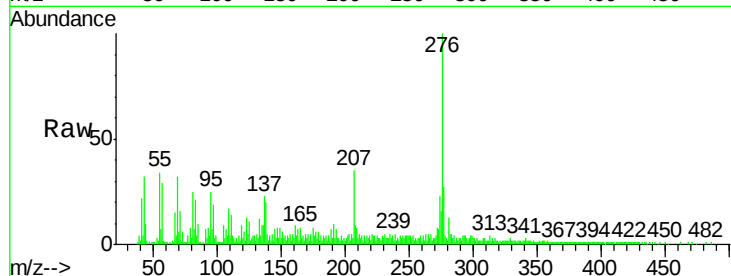
#92
 Benzo(a,h,i)perylene
 Concen: 2.944 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.02 min
 Lab File: BF118611.D
 Acq: 21 Jan 2020 00:35

Instrument :
 BNA_F
 ClientSampleId :
 QVD-SB-01-0-52

Tot Ion:	276	Resp:	131751
Ion Ratio	Lower	Upper	
276	100		
277	26.9	18.9	28.3
138	20.4	14.4	21.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

