

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119307.D
 Acq On : 10 Mar 2020 2:51
 Operator : CG/JU
 Sample : L1778-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S11

Manual Integrations
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Quant Time: Mar 10 03:38:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	99728	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	378191	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	190463	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	296691	20.00	ng	0.00
76) Chrysene-d12	13.89	240	250028	20.00	ng	0.00
87) Perylene-d12	15.32	264	232012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	388650	65.13	ng	0.00
7) Phenol-d6	6.38	99	483809	66.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	311529	43.49	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	127977	51.36	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	636911	49.26	ng	0.00
79) Terphenyl-d14	12.82	244	631155	43.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	32095	2.204	ng	98
75) Fluoranthene	12.46	202	38329	2.232	ng	97
88) Benzo(b)fluoranthene	14.91	252	34114m	2.231	ng	

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

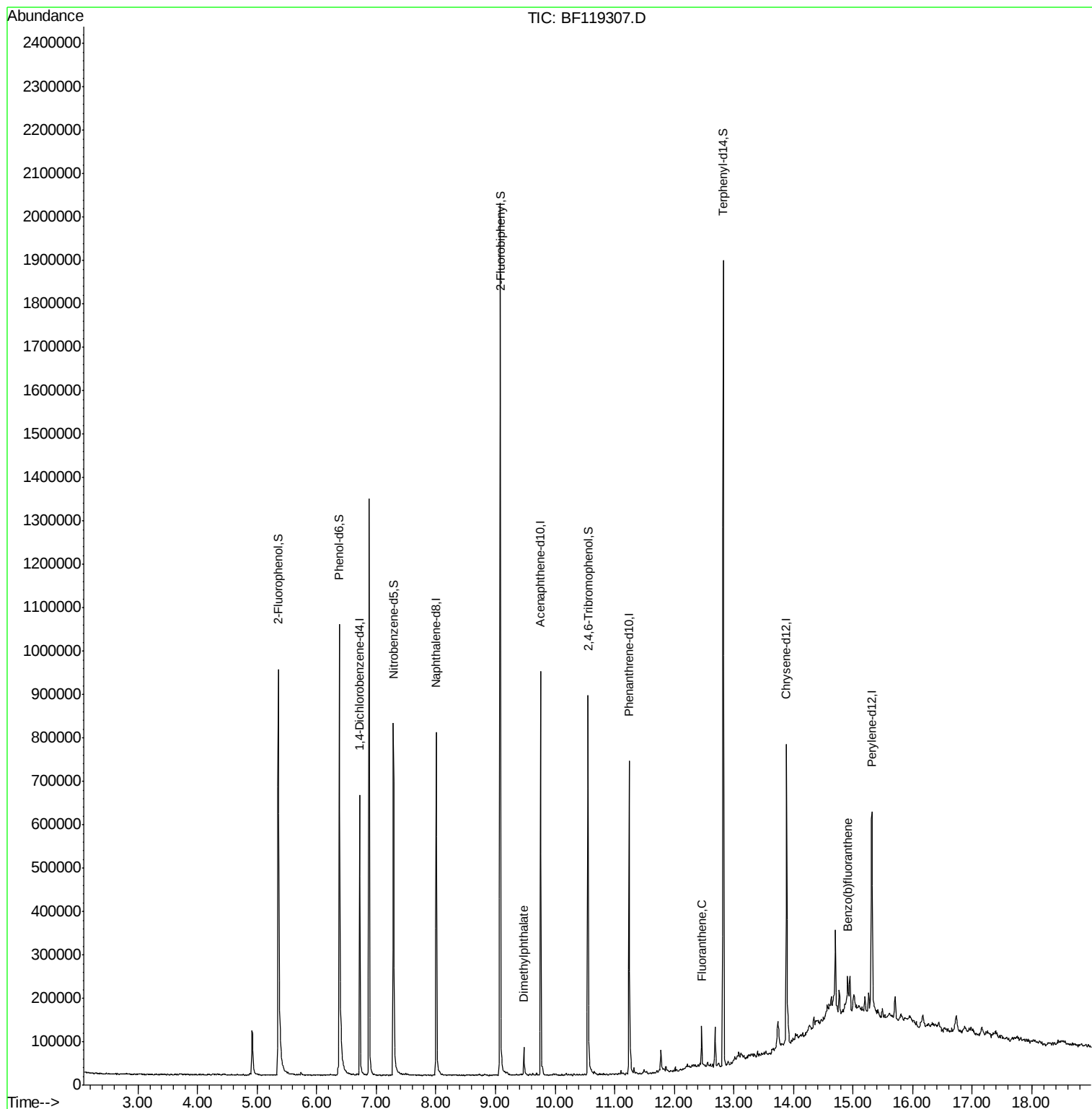
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
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#1

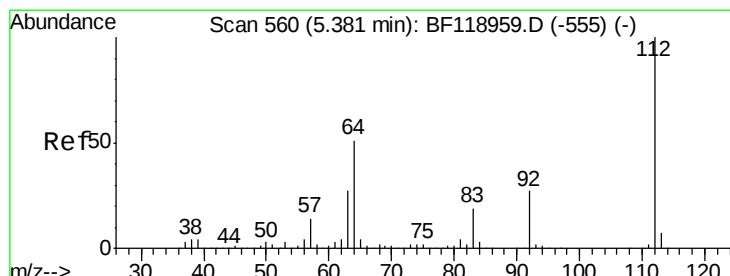
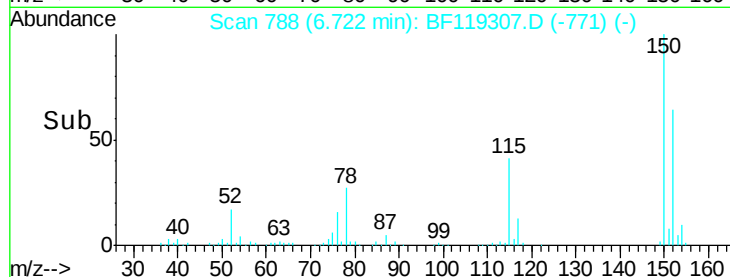
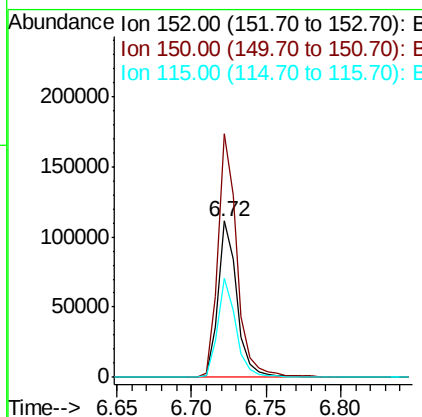
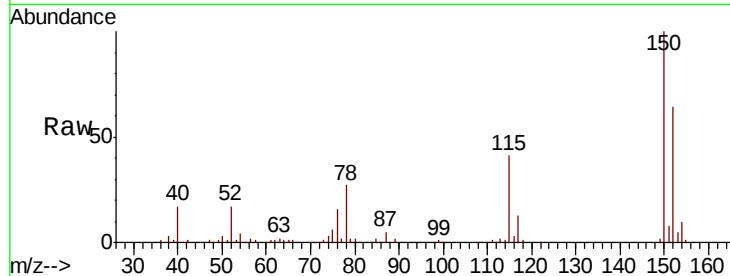
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119307.D
Acq: 10 Mar 2020 2:51

Instrument :
BNA_F
ClientSampled :
S11

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	63.3	49.5	74.3

Manual Integrations
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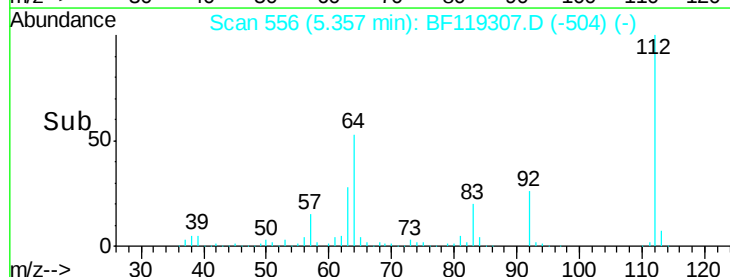
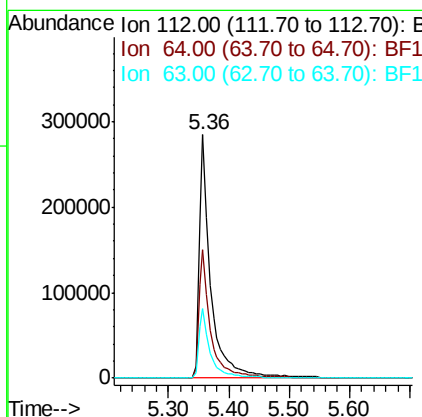
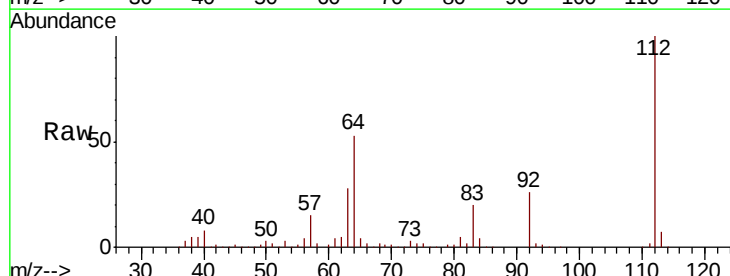
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#5

2-Fluorophenol
Concen: 65.127 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119307.D
Acq: 10 Mar 2020 2:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.0	67.4
63	28.3	24.2	36.4





#7

Phenol-d6

Concen: 66.662 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119307.D

Acq: 10 Mar 2020 2:51

Instrument :

BNA_F

ClientSampled :

S11

Tot Ion: 99 Resp: 483809

Ion Ratio Lower Upper

99 100

42 13.9 12.6 18.8

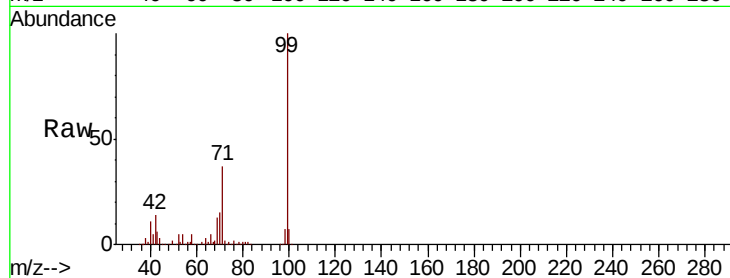
71 37.3 31.0 46.4

Manual Integrations

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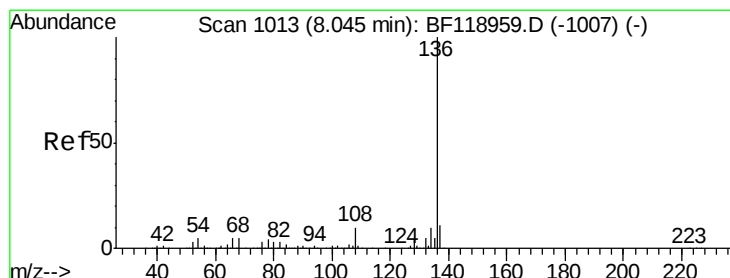
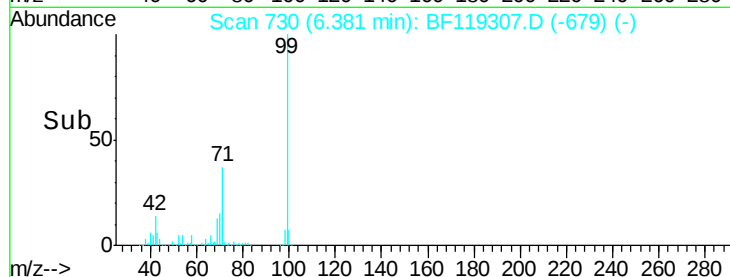
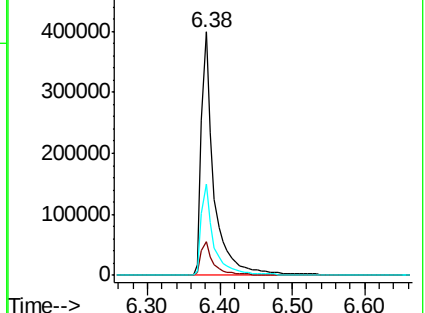
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119307.D

Acq: 10 Mar 2020 2:51

Tgt Ion: 136 Resp: 378191

Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 5.3 3.8 5.6

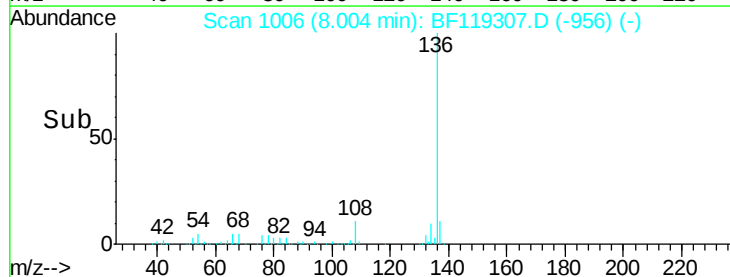
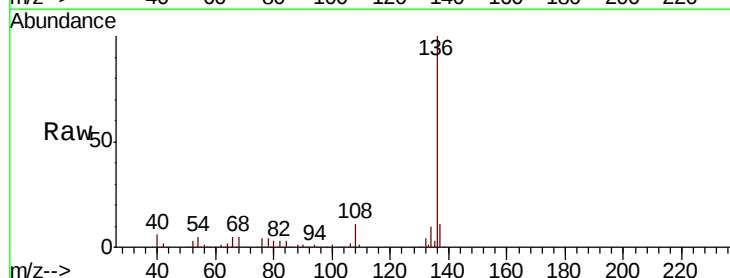
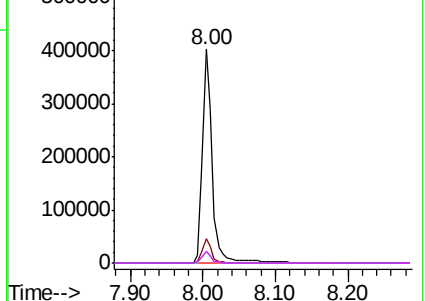
68 5.3 3.9 5.9

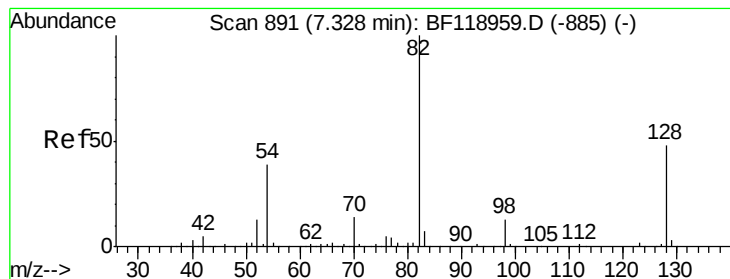
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 43.493 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119307.D

Acq: 10 Mar 2020 2:51

Instrument :

BNA_F

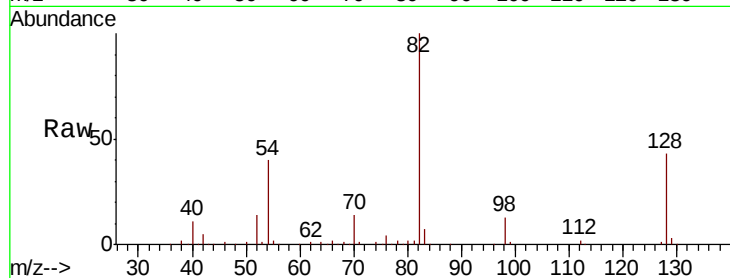
ClientSampleId :

S11

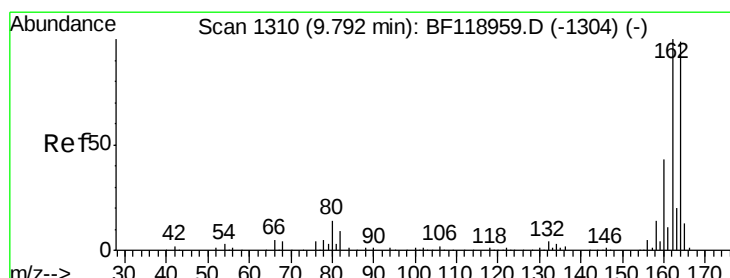
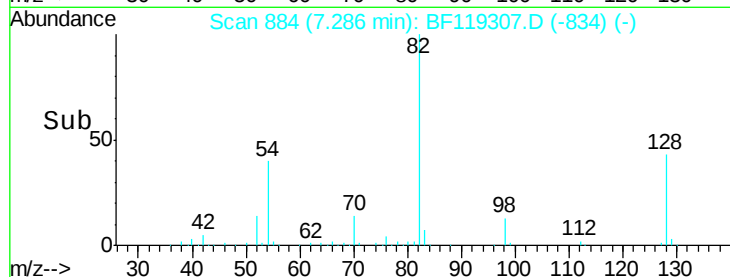
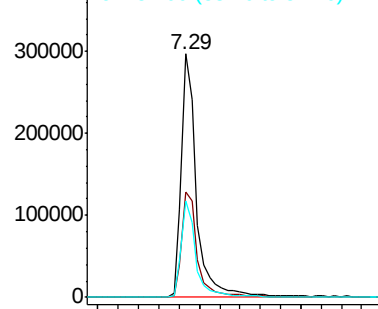
Tot Ion:	82	Resp:	311529
Ion Ratio	Lower	Upper	
82	100		
128	43.1	37.9	56.9
54	39.7	33.4	50.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

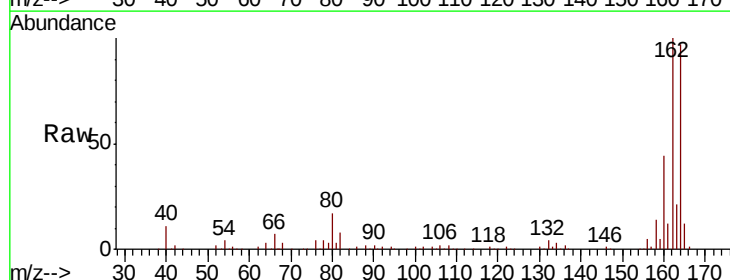
RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

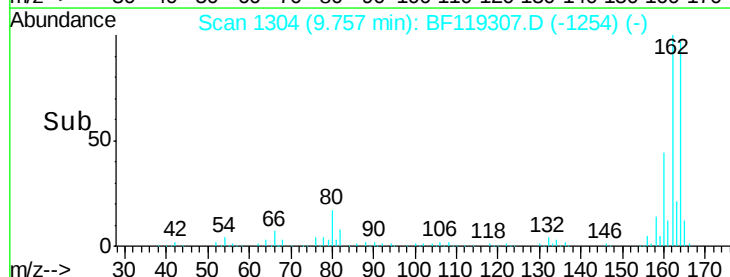
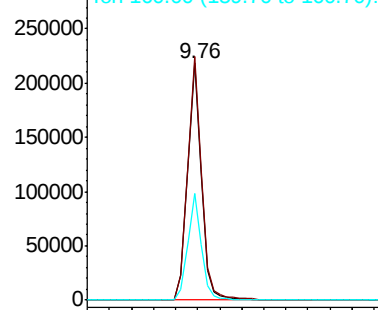
Lab File: BF119307.D

Acq: 10 Mar 2020 2:51

Tgt Ion:	164	Resp:	190463
Ion Ratio	Lower	Upper	
164	100		
162	102.8	81.8	122.8
160	45.0	36.0	54.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





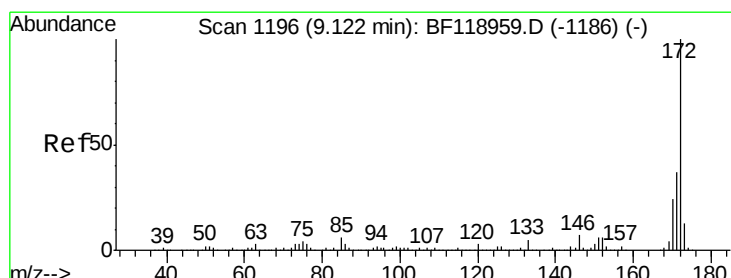
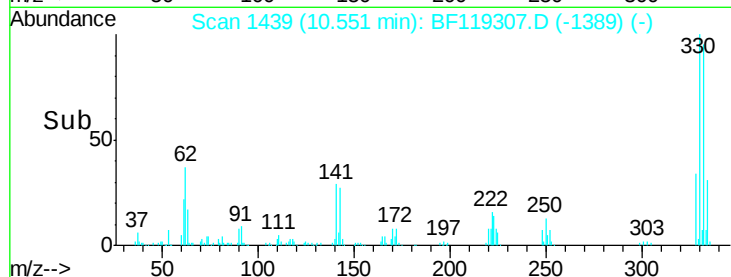
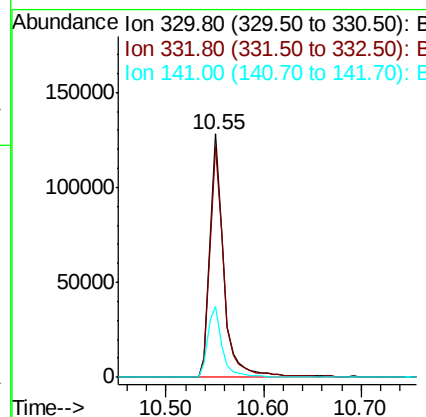
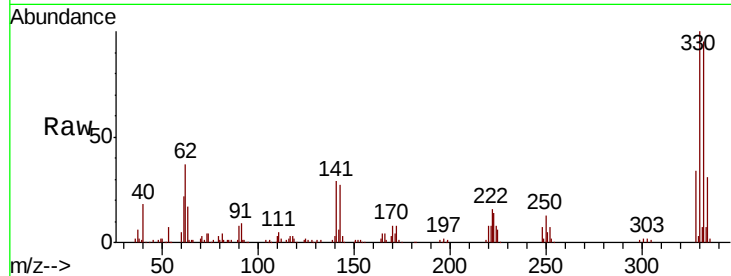
#42
 2,4,6-Tribromophenol
 Concen: 51.364 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119307.D
 Acq: 10 Mar 2020 2:51

Instrument :
 BNA_F
 ClientSampled :
 S11

Tot Ion	Ratio	Resp	Lower	Upper
330	100	127977		
332	97.1	76.0	114.0	
141	30.4	22.9	34.3	

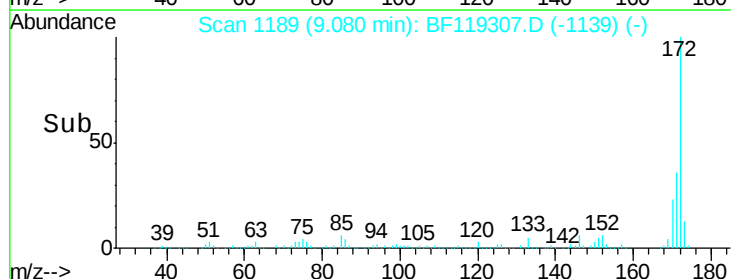
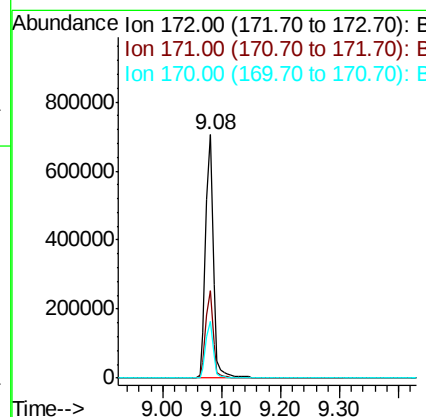
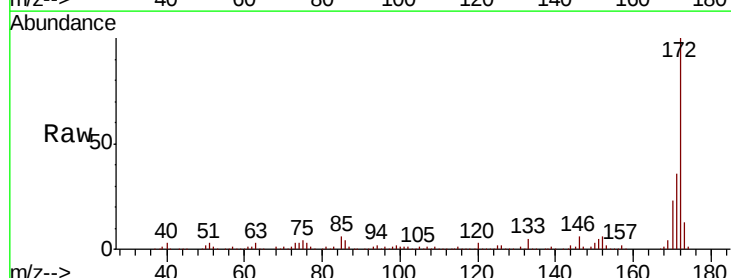
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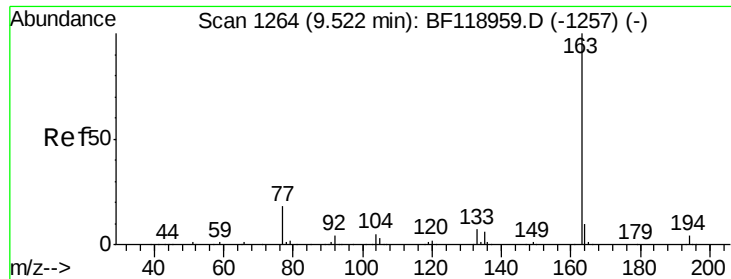
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#45
 2-Fluorobiphenyl
 Concen: 49.263 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119307.D
 Acq: 10 Mar 2020 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	636911		
171	35.8	30.6	45.8	
170	23.3	20.2	30.2	





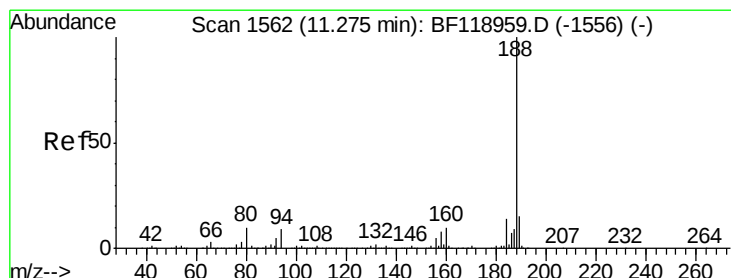
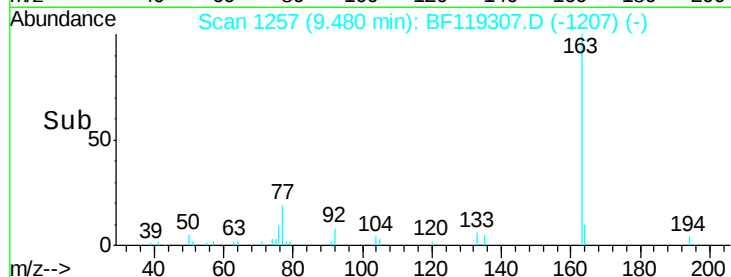
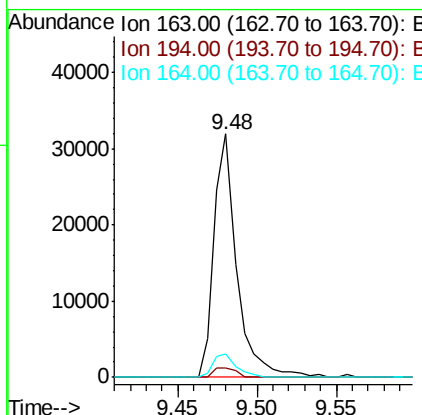
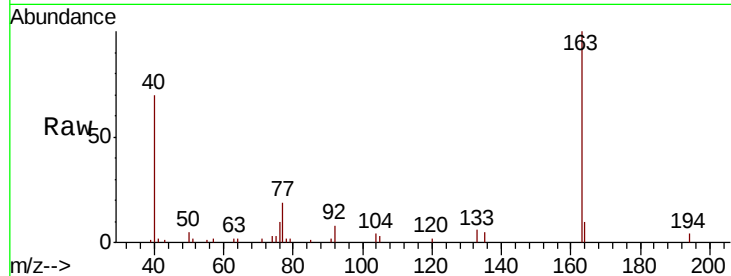
#50
Dimethylphthalate
Concen: 2.204 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119307.D
Acq: 10 Mar 2020 2:51

Instrument :
BNA_F
ClientSampleId :
S11

Tot Ion	Ratio	Resp	Lower	Upper
163	100	32095		
194	3.9		3.5	5.3
164	9.8		8.4	12.6

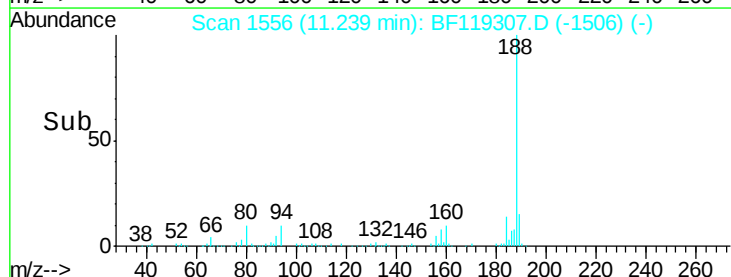
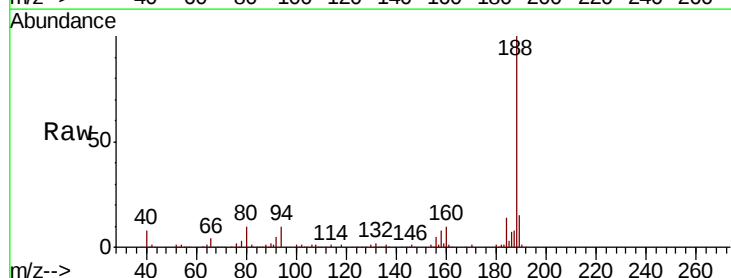
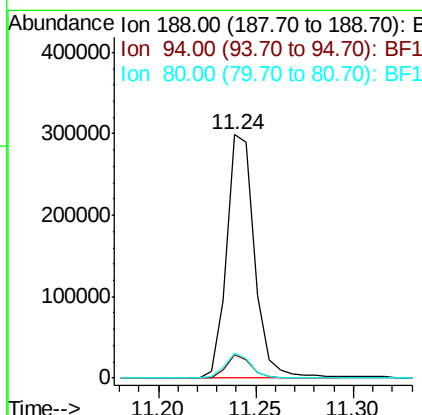
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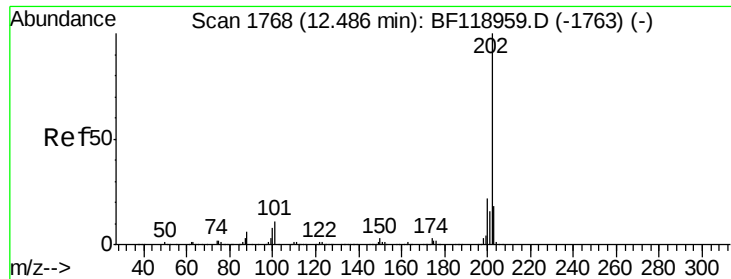
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119307.D
Acq: 10 Mar 2020 2:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	296691		
94	9.6		7.1	10.7
80	10.0		7.8	11.8





#75

Fluoranthene

Concen: 2.232 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF119307.D

Acq: 10 Mar 2020 2:51

Instrument :

BNA_F

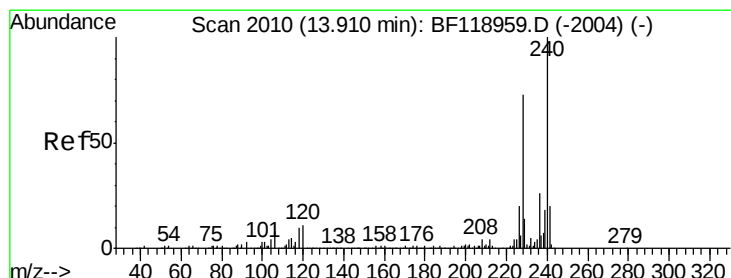
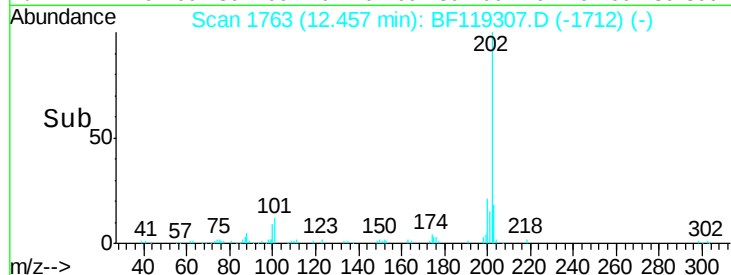
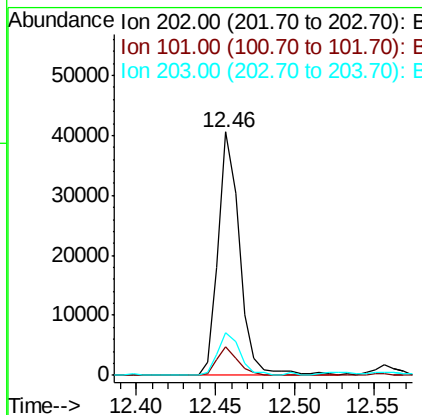
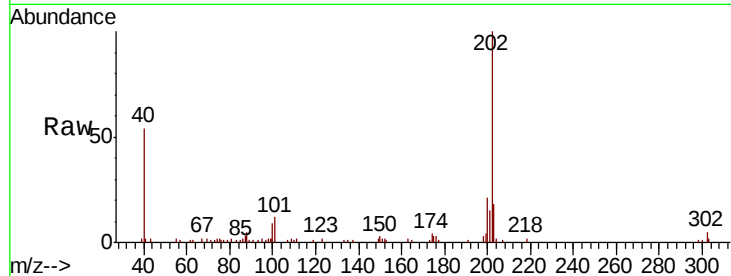
ClientSampled :

S11

Tot Ion:	202	Resp:	38329
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	30.3
203	17.7	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

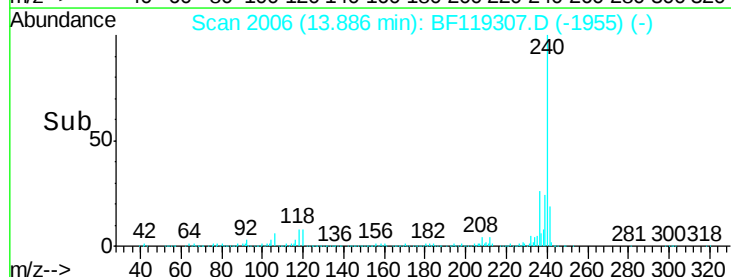
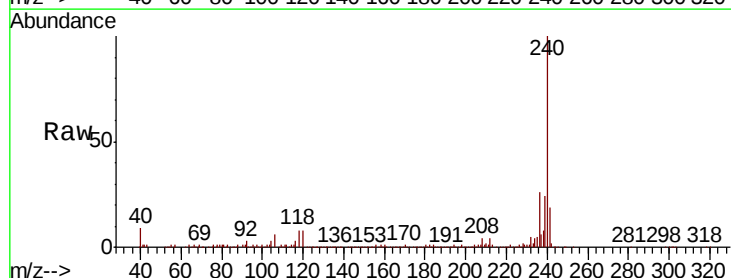
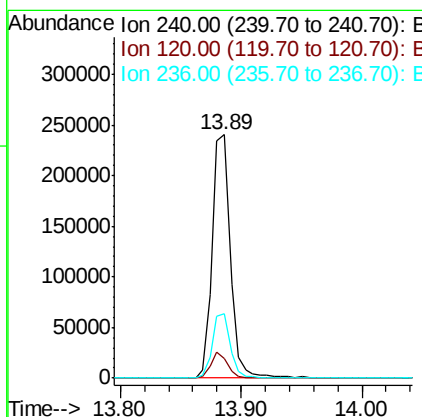
RT: 13.89 min Scan# 2006

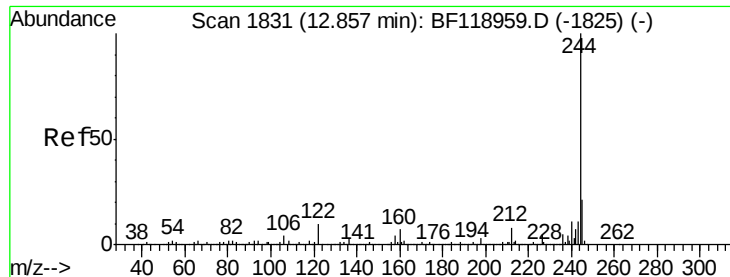
Delta R.T. 0.00 min

Lab File: BF119307.D

Acq: 10 Mar 2020 2:51

Tgt Ion:	240	Resp:	250028
Ion Ratio	Lower	Upper	
240	100		
120	8.2	8.4	12.6#
236	26.2	21.0	31.4





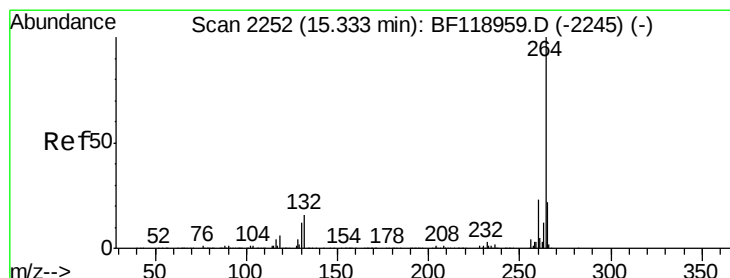
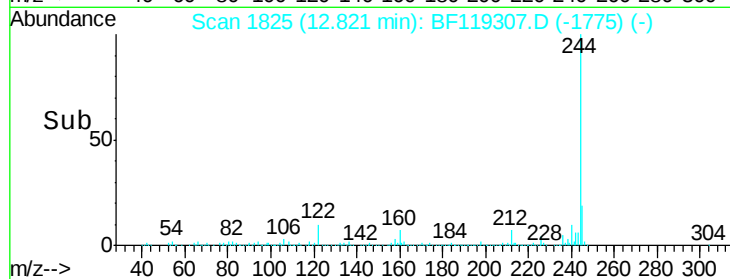
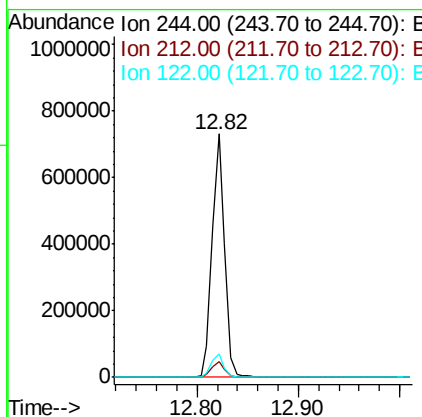
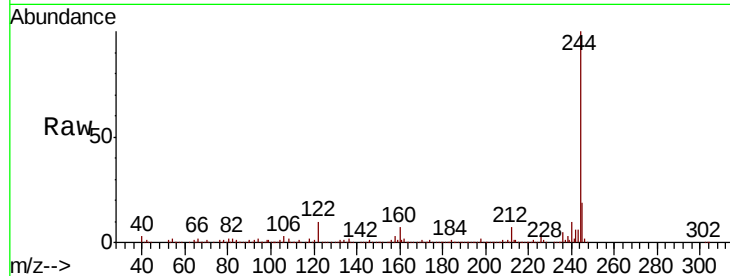
#79
 Terphenyl-d14
 Concen: 43.461 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119307.D
 Acq: 10 Mar 2020 2:51

Instrument :
 BNA_F
 ClientSampleId :
 S11

Tot Ion:	244	Resp:	631155
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.6	10.0
122	9.7	8.2	12.2

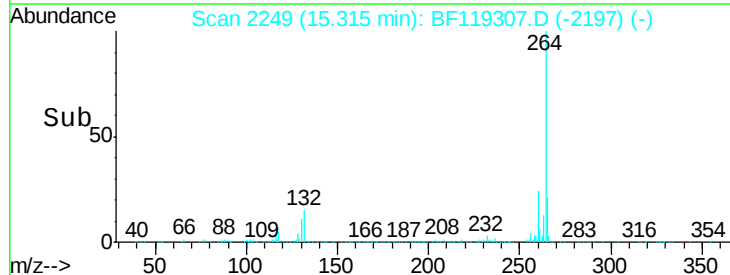
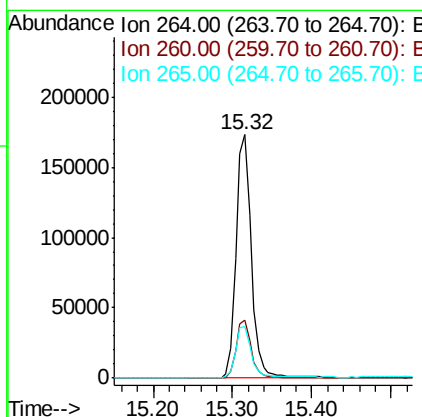
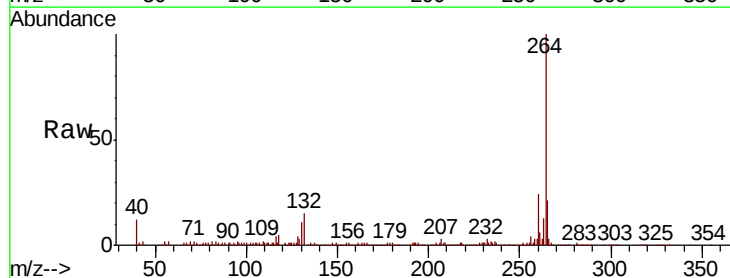
Manual Integrations
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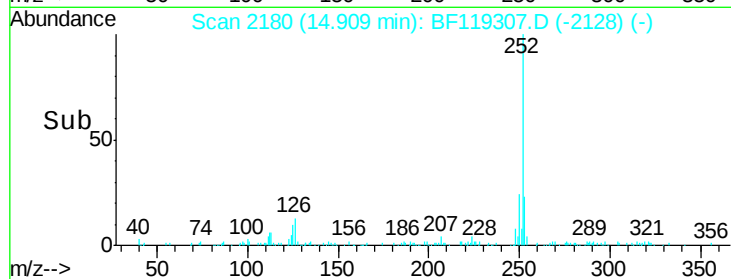
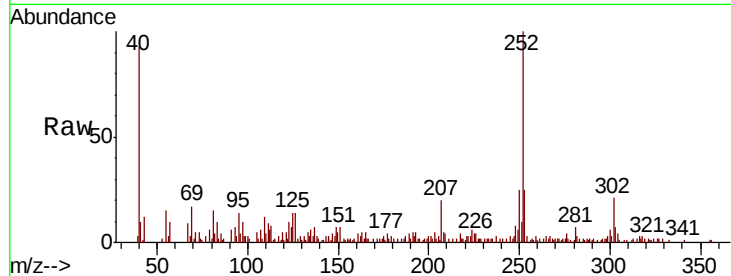
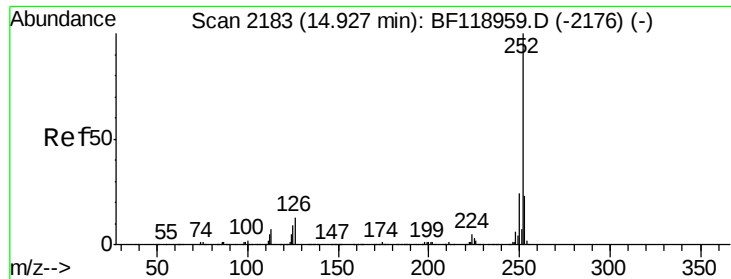
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF119307.D
 Acq: 10 Mar 2020 2:51

Tgt Ion:	264	Resp:	232012
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.2
265	21.0	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 2.231 ng/mL

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF119307.D

Acq: 10 Mar 2020 2:51

Instrument :

BNA_F

ClientSampleId :

S11

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	14.3	7.4	11.0

Manual Integrations
APPROVED

mohammad
3/10/2020 2:44:48 PM

