

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119758.D
 Acq On : 4 Apr 2020 11:12
 Operator : MA/SJ
 Sample : L2100-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-020304-0-11

Manual Integrations
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mohammad
 4/6/2020 1:39:40 PM

Quant Time: Apr 06 02:38:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	173438	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	620199	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	271880	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	438157	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	339280	20.00	ng	-0.02
87) Perylene-d12	15.43	264	293789	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1581254	145.14	ng	0.01
7) Phenol-d6	6.44	99	1966897	141.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	1179928	103.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	394454	140.63	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	1969199	107.30	ng	-0.01
79) Terphenyl-d14	12.92	244	1638201	94.60	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	240315	12.444	ng	98
75) Fluoranthene	12.54	202	112717	4.584	ng	96
78) Pyrene	12.77	202	98701	3.545	ng	96
83) Chrysene	14.00	228	51138m	2.246	ng	
88) Benzo(b)fluoranthene	15.00	252	52748m	2.688	ng	

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

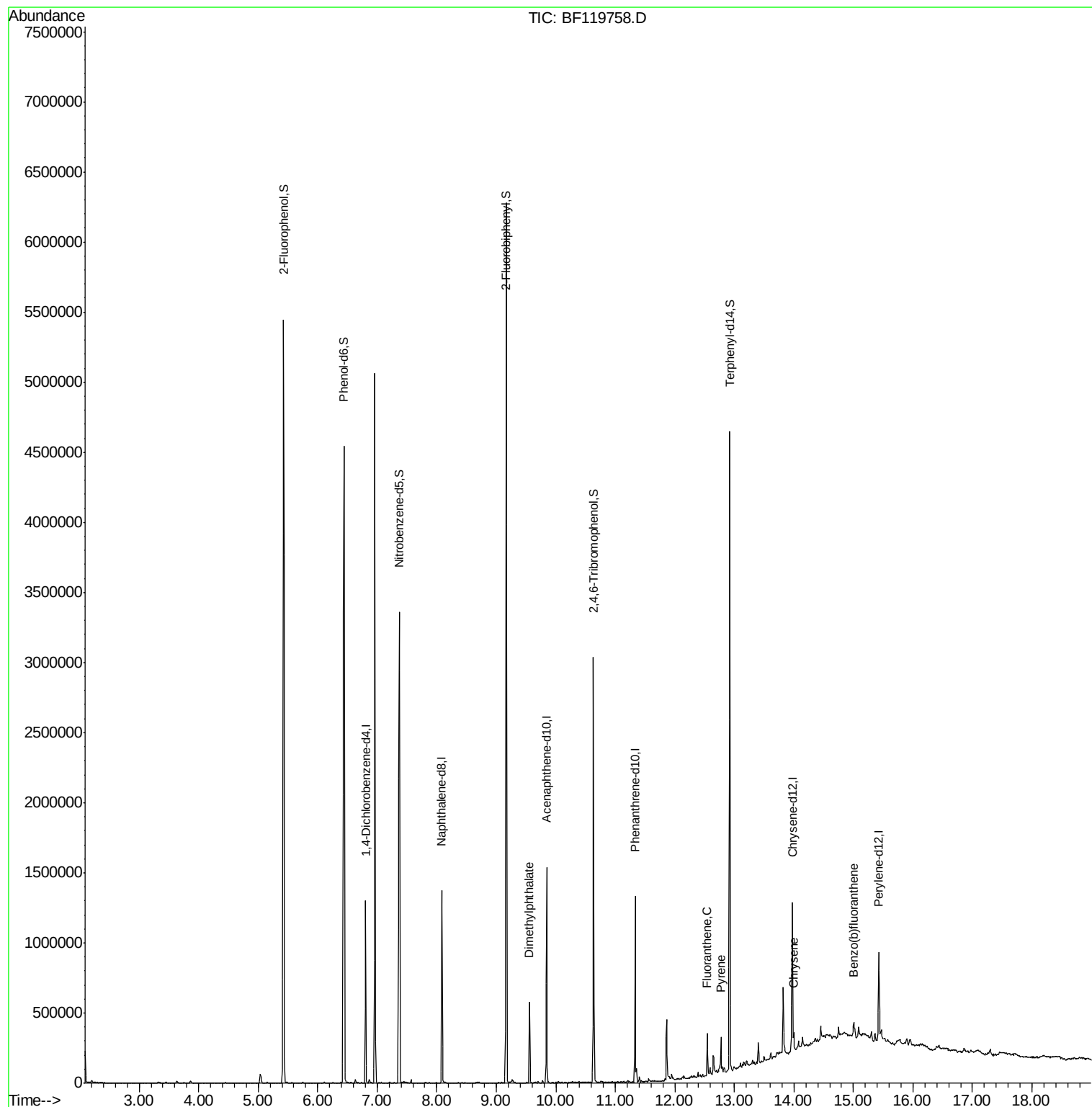
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119758.D
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ALS Vial : 47 Sample Multiplier: 1

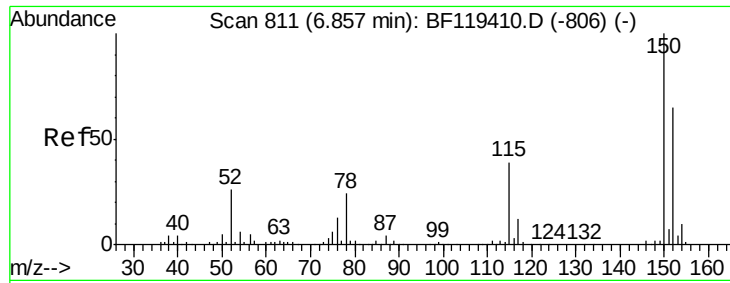
Instrument :
BNA_F
ClientSampleId :
239-020304-0-11

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Quant Time: Apr 06 02:38:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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Response via : Initial Calibration





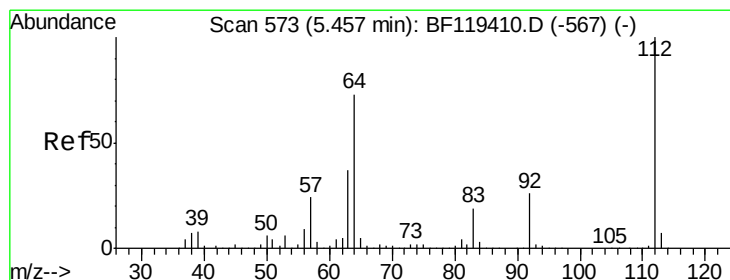
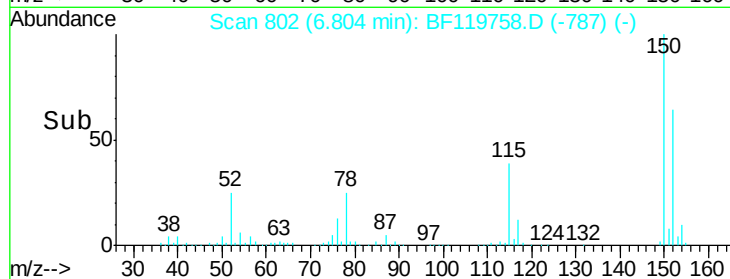
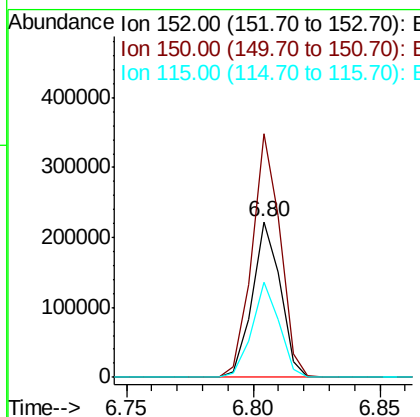
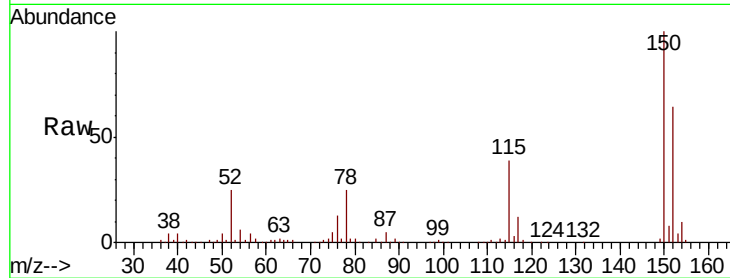
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119758.D
 Acq: 4 Apr 2020 11:12

Instrument :
 BNA_F
 ClientSampleId :
 239-020304-0-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.5	186.7
115	60.8	49.6	74.4

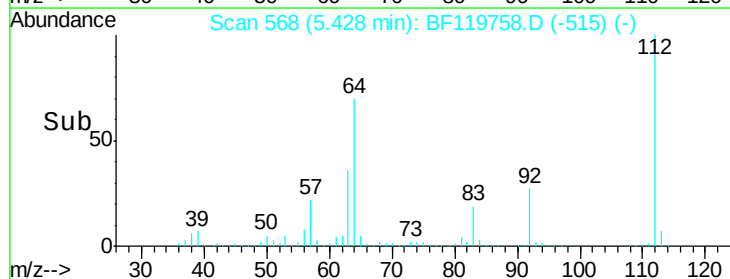
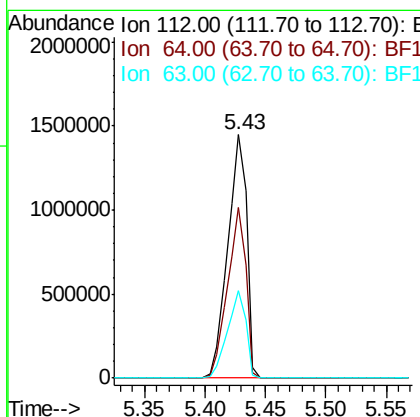
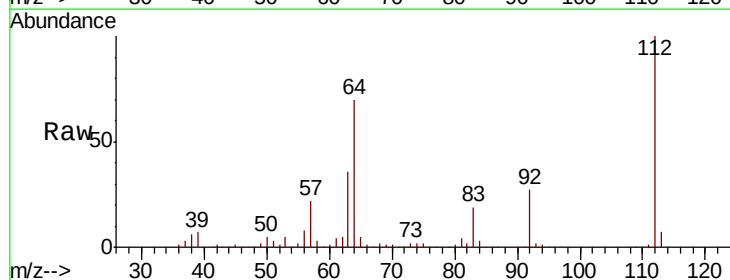
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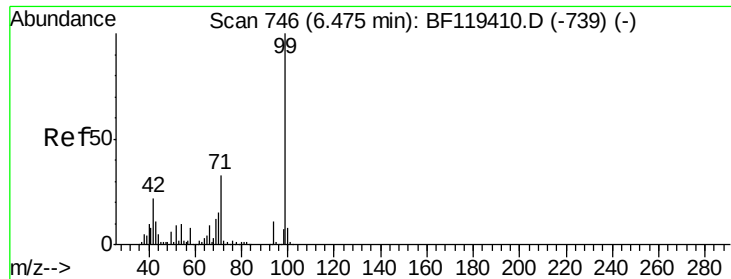
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#5
 2-Fluorophenol
 Concen: 145.136 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF119758.D
 Acq: 4 Apr 2020 11:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.7	85.1
63	35.8	29.5	44.3





#7

Phenol-d6

Concen: 141.325 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119758.D

Acq: 4 Apr 2020 11:12

Instrument :

BNA_F

ClientSampleId :

239-020304-0-11

Tot Ion: 99 Resp: 1966897

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

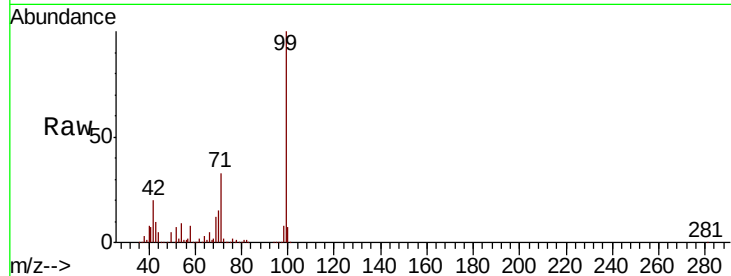
71 33.2 26.4 39.6

Manual Integrations

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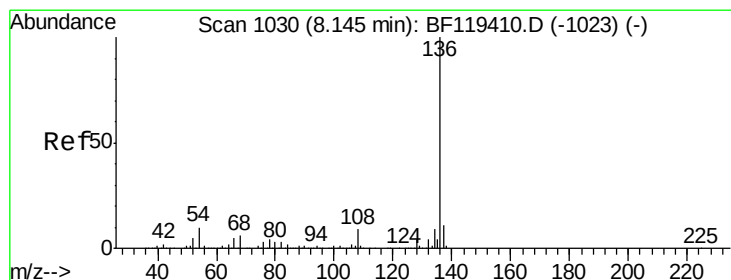
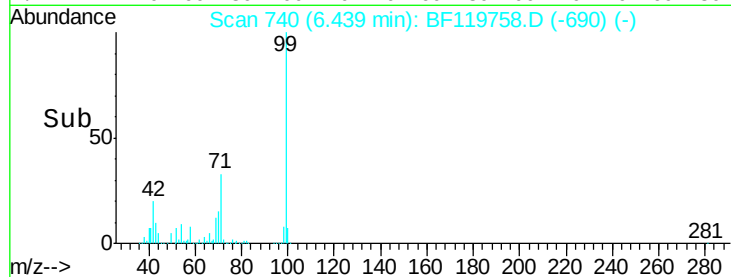
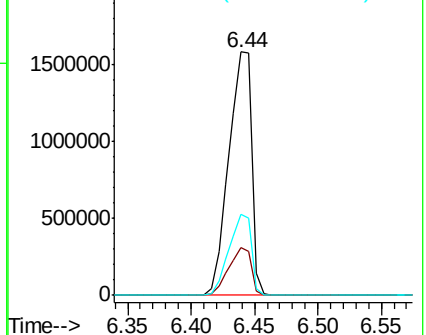
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119758.D

Acq: 4 Apr 2020 11:12

Tgt Ion: 136 Resp: 620199

Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.0 9.1 13.7

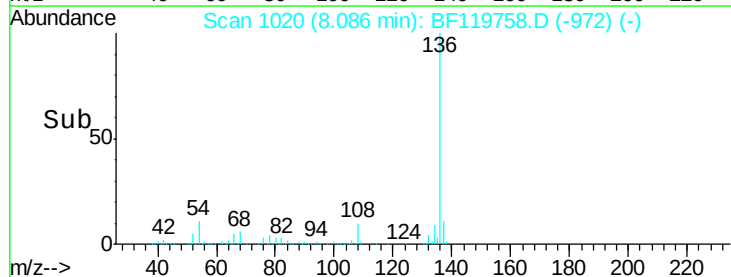
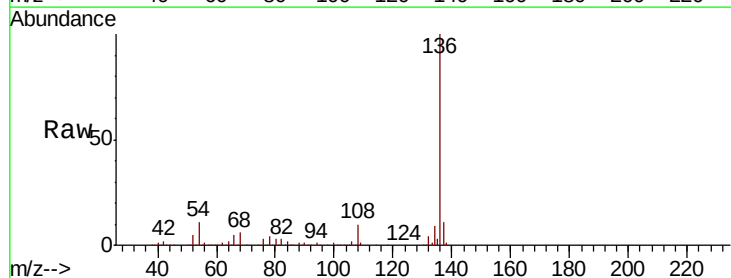
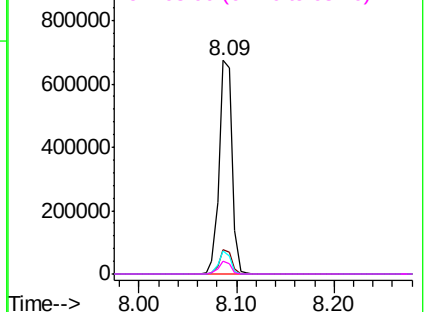
68 6.3 4.6 6.8

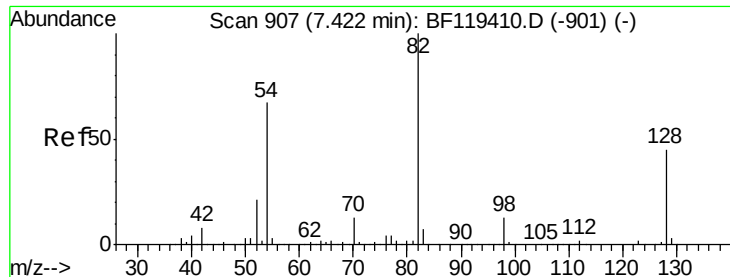
Abundance Ion 136.00 (135.70 to 136.70): E

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





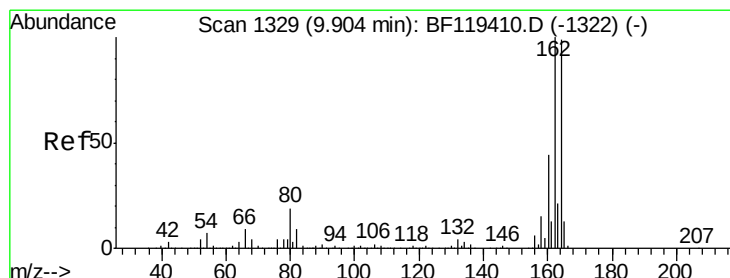
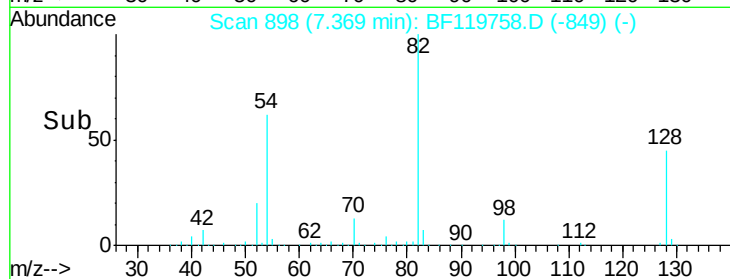
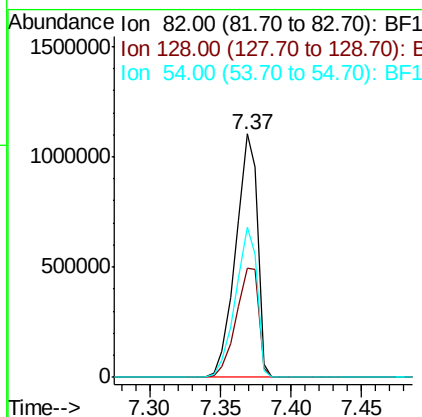
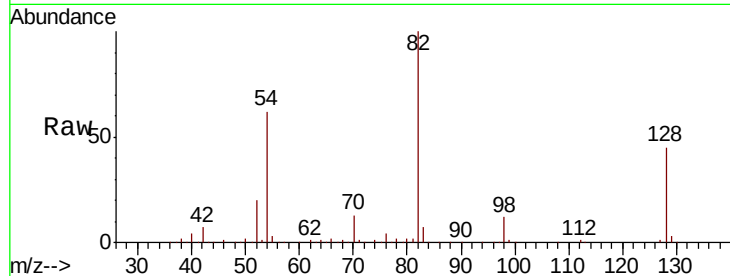
#23
 Nitrobenzene-d5
 Concen: 103.397 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF119758.D
 Acq: 4 Apr 2020 11:12

Instrument :
 BNA_F
 ClientSampleId :
 239-020304-0-11

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.3	54.5
54	61.7	50.6	75.8

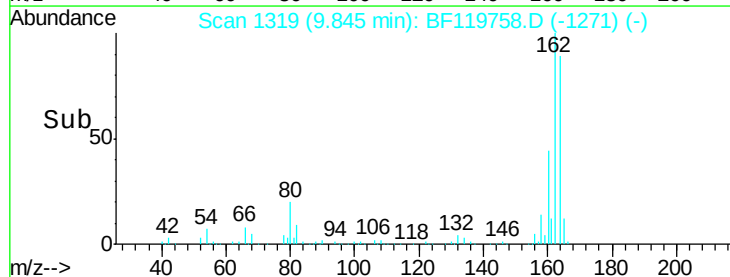
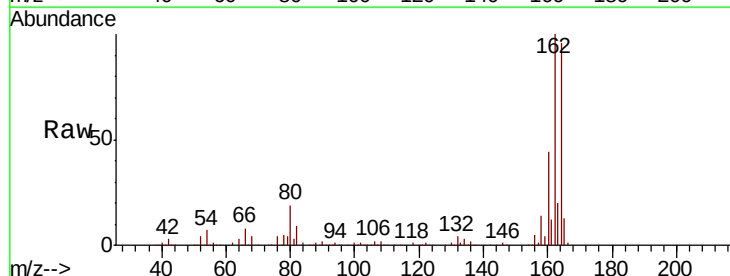
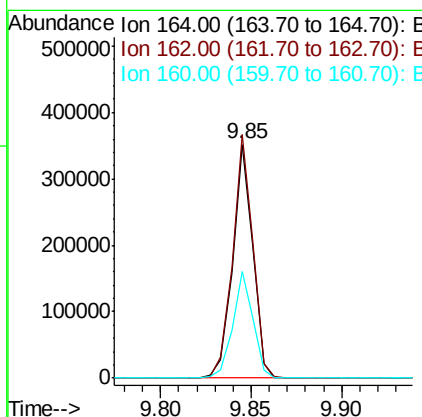
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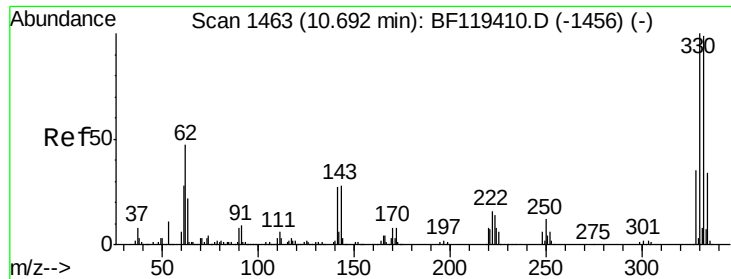
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119758.D
 Acq: 4 Apr 2020 11:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.6	121.0
160	45.5	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 140.631 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF119758.D

Acq: 4 Apr 2020 11:12

Instrument :

BNA_F

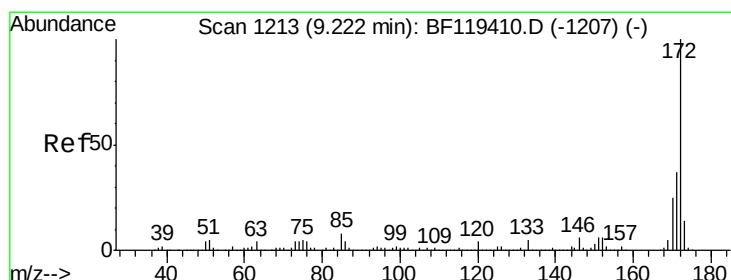
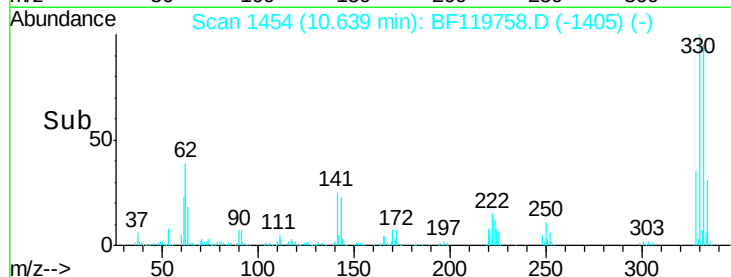
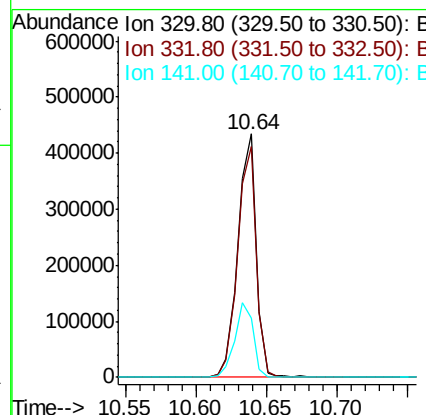
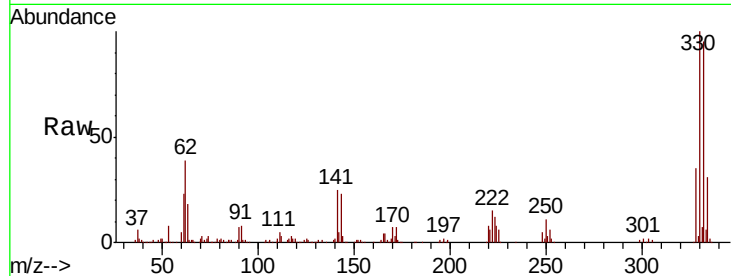
ClientSampleId :

239-020304-0-11

Tot Ion:	330	Resp:	394454
Ion Ratio	Lower	Upper	
330	100		
332	96.5	75.7	113.5
141	31.1	25.4	38.0

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#45

2-Fluorobiphenyl

Concen: 107.302 ng

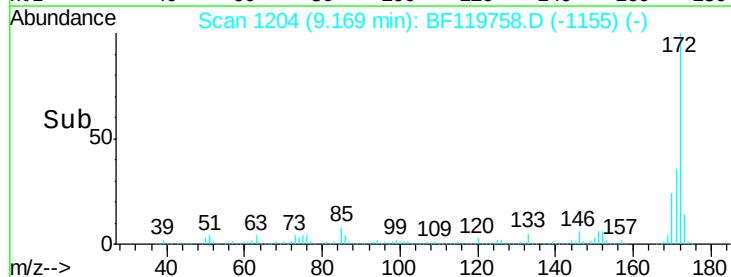
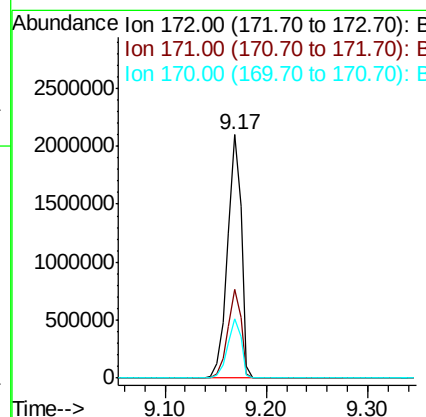
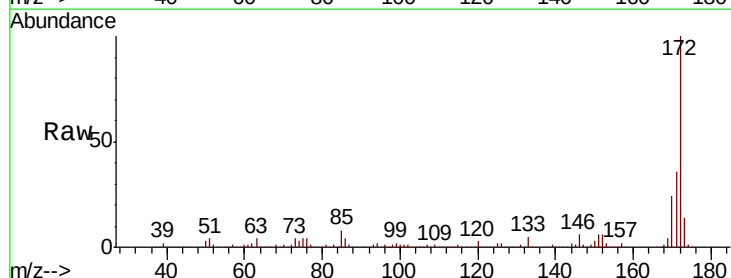
RT: 9.17 min Scan# 1204

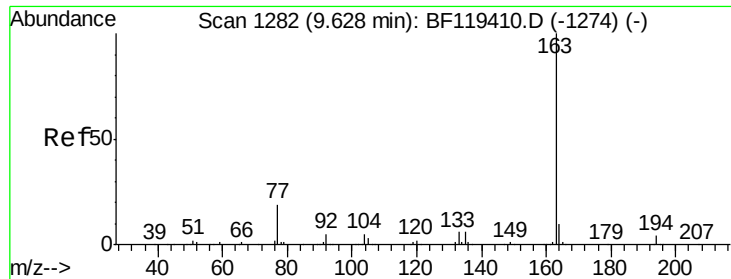
Delta R.T. -0.01 min

Lab File: BF119758.D

Acq: 4 Apr 2020 11:12

Tgt Ion:	172	Resp:	1969199
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.2	20.2	30.2





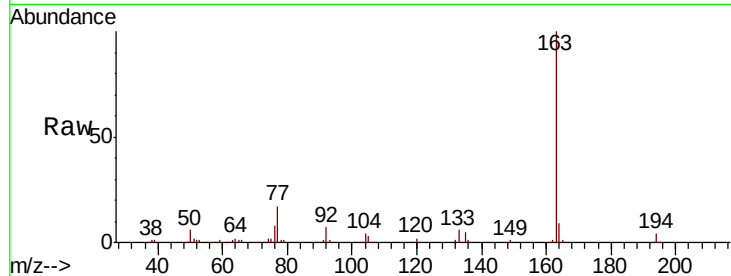
#50
Dimethylphthalate
Concen: 12.444 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF119758.D
Acq: 4 Apr 2020 11:12

Instrument :
BNA_F
ClientSampleId :
239-020304-0-11

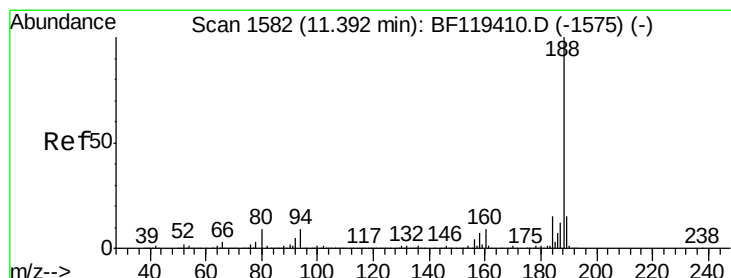
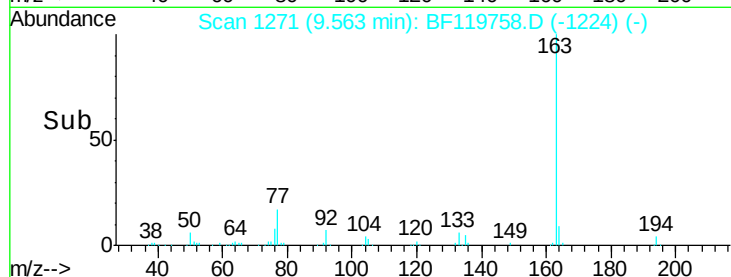
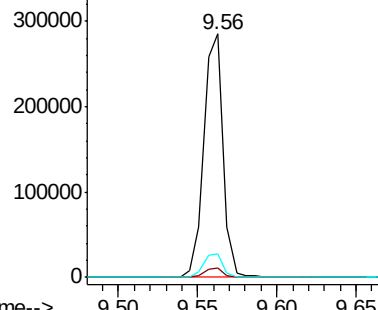
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		240315		
194	3.8		3.1	4.7	
164	9.4		8.2	12.2	

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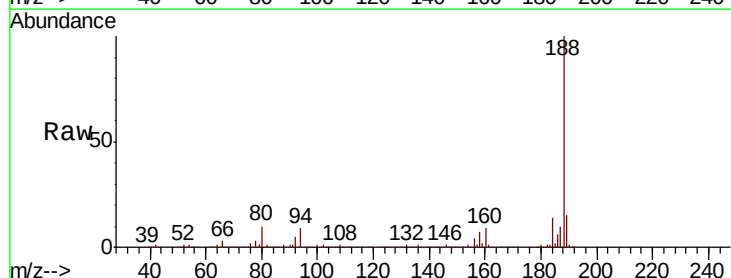


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

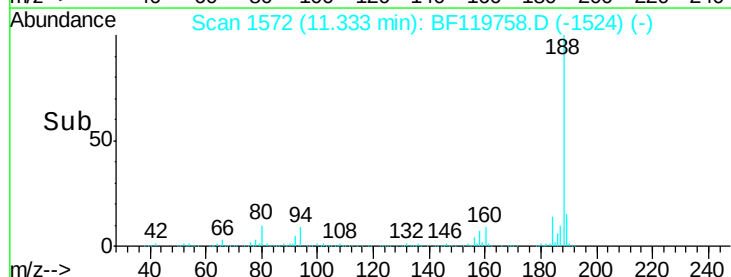
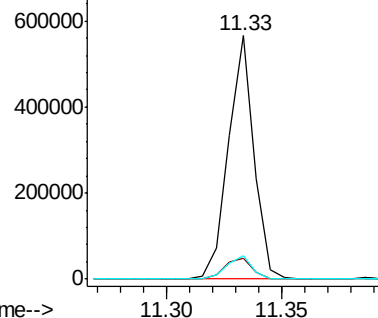


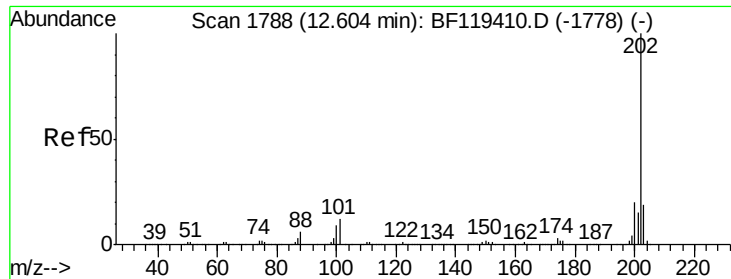
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119758.D
Acq: 4 Apr 2020 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		438157		
94	8.7		7.5	11.3	
80	9.6		9.0	13.4	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 4.584 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.02 min

Lab File: BF119758.D

Acq: 4 Apr 2020 11:12

Instrument :

BNA_F

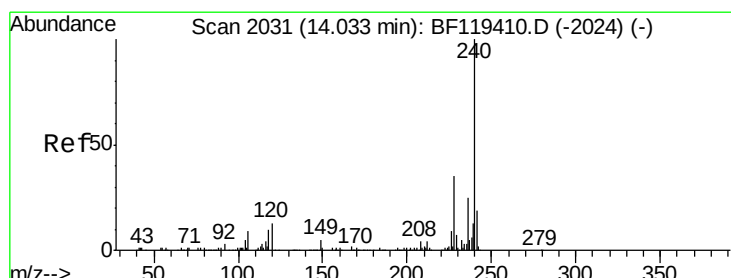
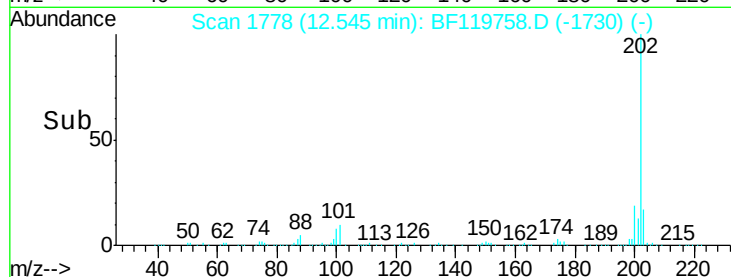
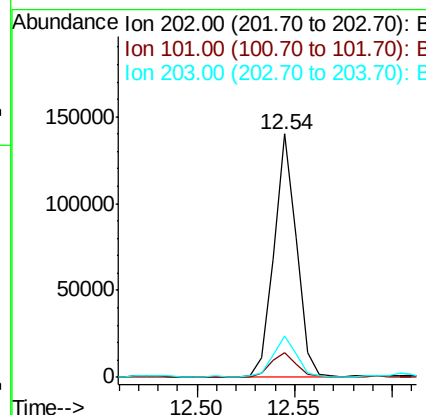
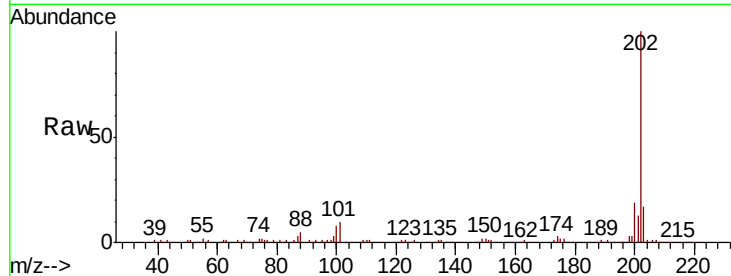
ClientSampleId :

239-020304-0-11

Tot Ion	Ratio	Resp	Lower	Upper
202	100	112717		
101	10.0	0.0	32.2	
203	17.2	0.0	38.8	

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#76

Chrysene-d12

Concen: 20.000 ng

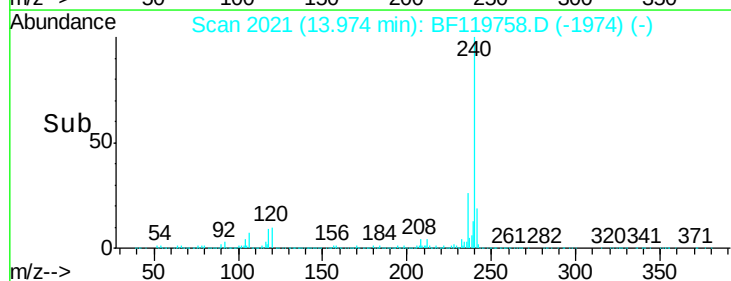
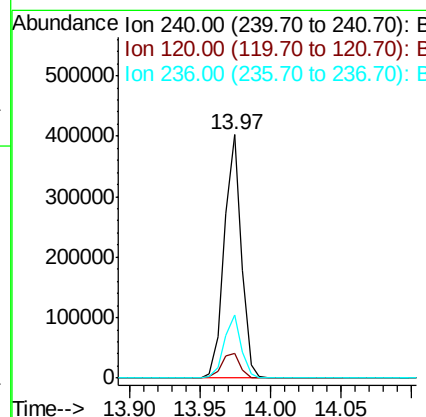
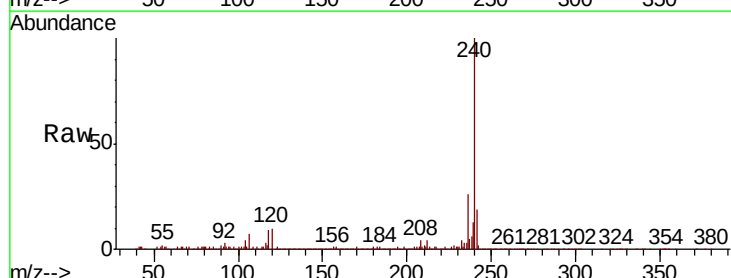
RT: 13.97 min Scan# 2021

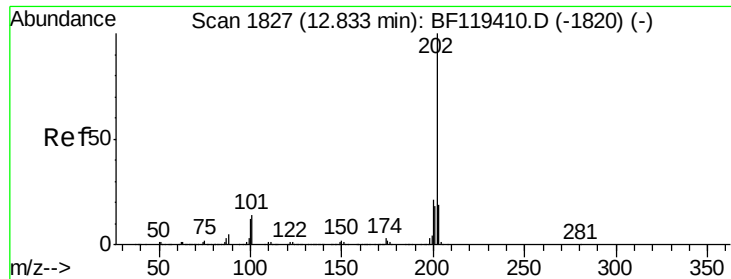
Delta R.T. -0.02 min

Lab File: BF119758.D

Acq: 4 Apr 2020 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	339280		
120	10.2	10.6	15.8#	
236	25.9	20.2	30.2	





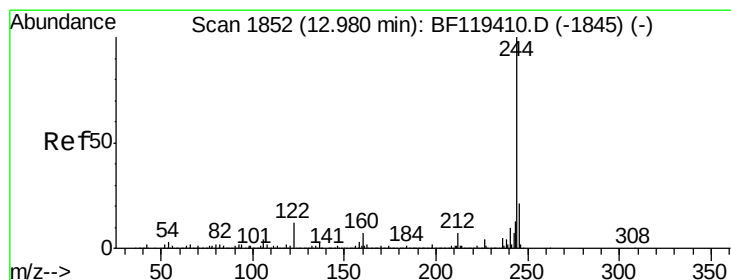
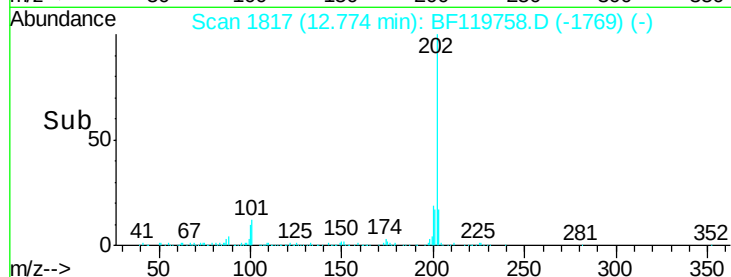
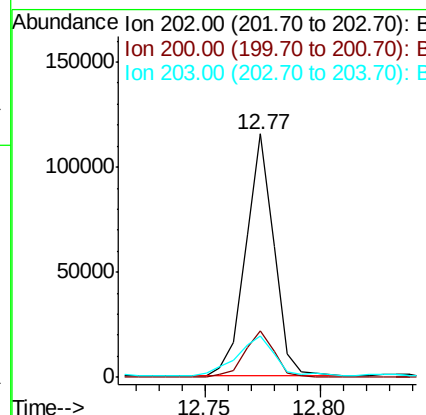
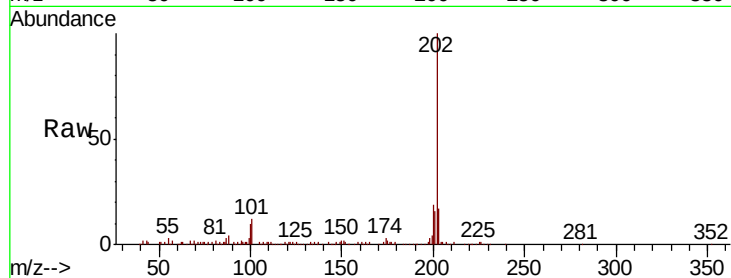
#78
Pvrene
Concen: 3.545 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF119758.D
Acq: 4 Apr 2020 11:12

Instrument :
BNA_F
ClientSampleId :
239-020304-0-11

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.8	25.2
203	17.1	15.1	22.7

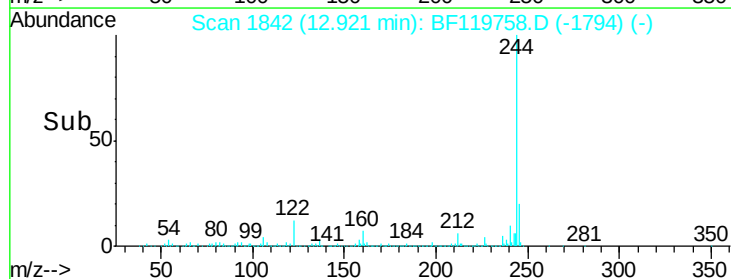
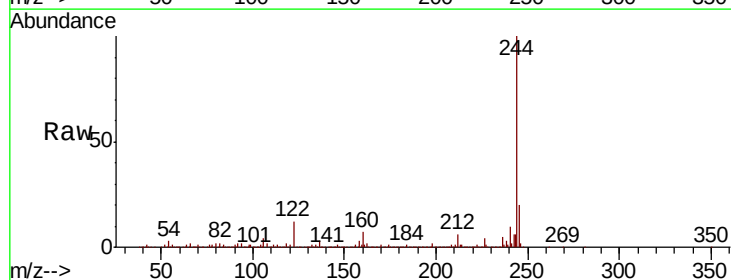
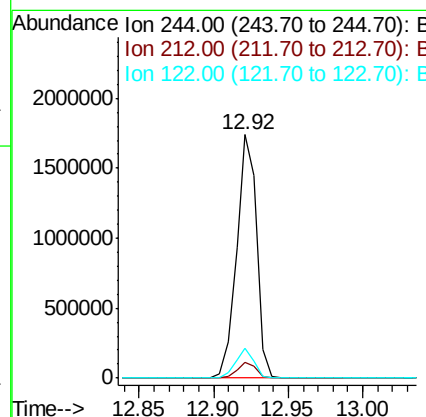
Manual Integrations
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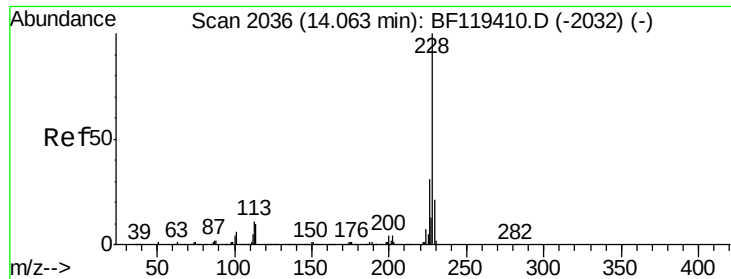
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#79
Terphenyl-d14
Concen: 94.600 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BF119758.D
Acq: 4 Apr 2020 11:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	12.3	10.3	15.5





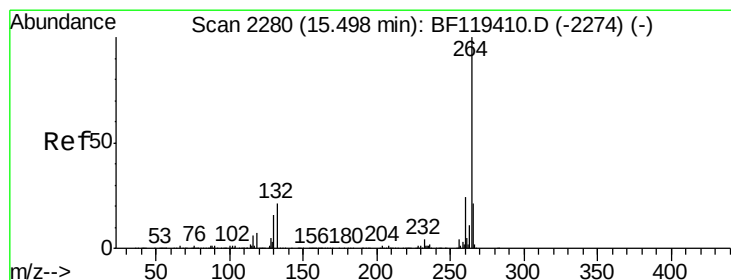
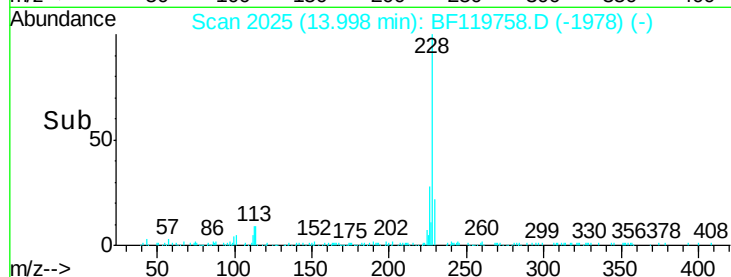
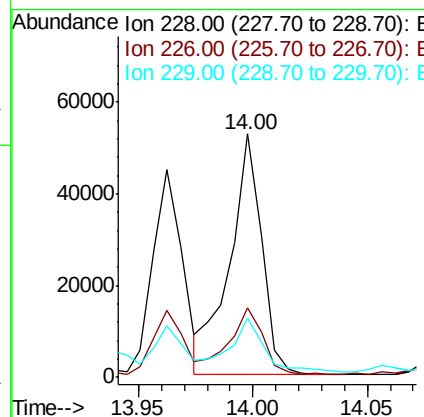
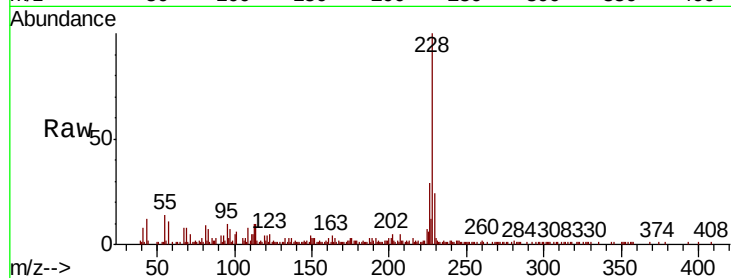
#83
Chrysene
Concen: 2.246 ng/mL
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF119758.D
Acq: 4 Apr 2020 11:12

Instrument :
BNA_F
ClientSampled :
239-020304-0-11

Tot Ion:	228	Resp:	51138
Ion Ratio	Lower	Upper	
228	100		
226	28.7	25.4	38.0
229	24.4	16.6	24.8

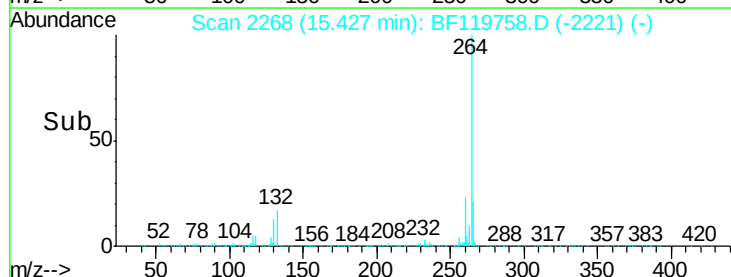
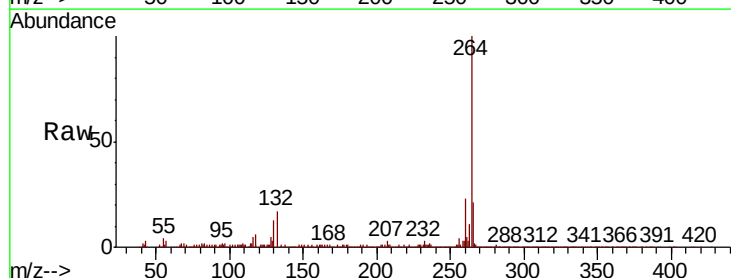
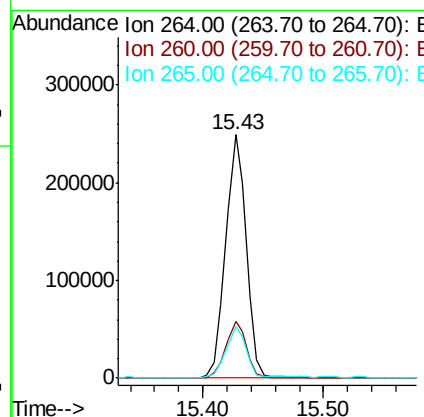
Manual Integrations
APPROVED

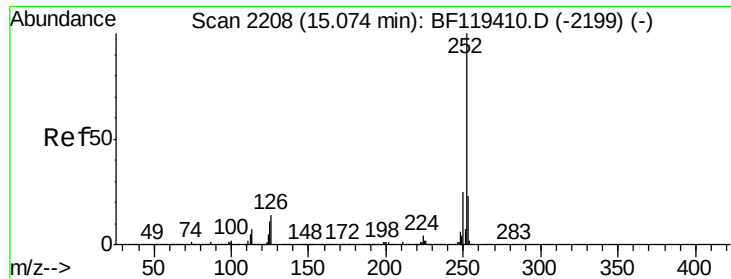
mohammad
4/6/2020 1:39:40 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF119758.D
Acq: 4 Apr 2020 11:12

Tgt Ion:	264	Resp:	293789
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.1	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 2.688 ng/mL

RT: 15.00 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BF119758.D

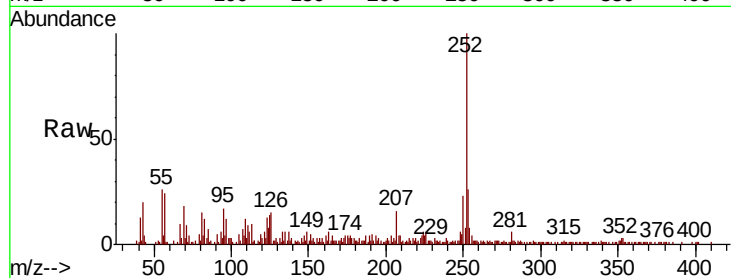
Acq: 4 Apr 2020 11:12

Instrument :

BNA_F

ClientSampleId :

239-020304-0-11



Tot Ion:	252	Resp:	52748
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.4	26.0
125	14.0	7.9	11.9

Manual Integrations
APPROVED

mohammad
4/6/2020 1:39:40 PM

