

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119816.D
 Acq On : 7 Apr 2020 12:35
 Operator : MA/SJ
 Sample : L2103-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:12:58 AM

Quant Time: Apr 07 13:13:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	161252	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	583187	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	289903	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	524182	20.00	ng	0.00
76) Chrysene-d12	13.96	240	373204	20.00	ng	0.00
87) Perylene-d12	15.40	264	340349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1114609	110.04	ng	0.01
7) Phenol-d6	6.42	99	1397777	108.02	ng	0.00
23) Nitrobenzene-d5	7.35	82	843571	78.61	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	351076	117.38	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1449010	74.05	ng	0.00
79) Terphenyl-d14	12.90	244	1452396	76.25	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.54	163	284961	13.838	ng	99
71) Phenanthrene	11.33	178	114681	4.219	ng	96
75) Fluoranthene	12.53	202	101624	3.455	ng	94
78) Pyrene	12.76	202	124087	4.051	ng	94
81) Benzo(a)anthracene	13.94	228	52585m	2.167	ng	
83) Chrysene	13.98	228	53637	2.142	ng	93
88) Benzo(b)fluoranthene	14.98	252	48340m	2.126	ng	

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

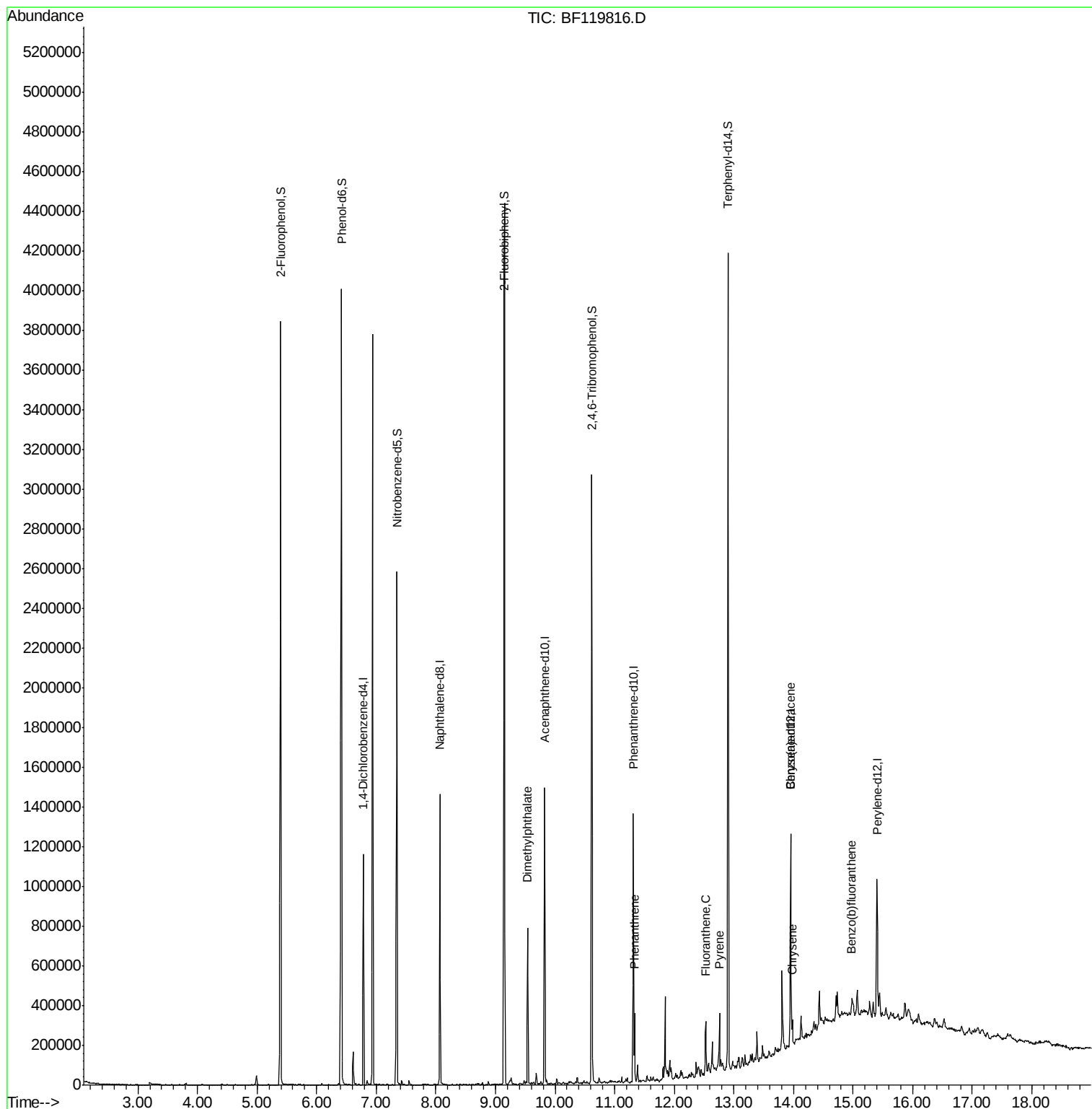
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

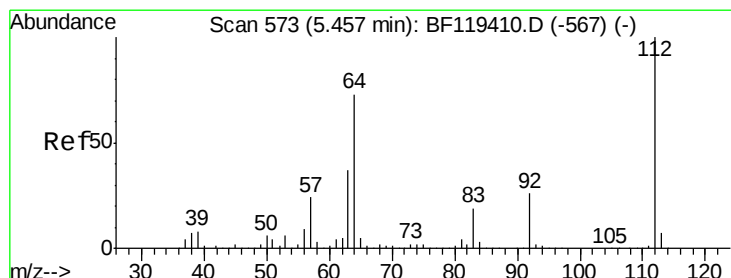
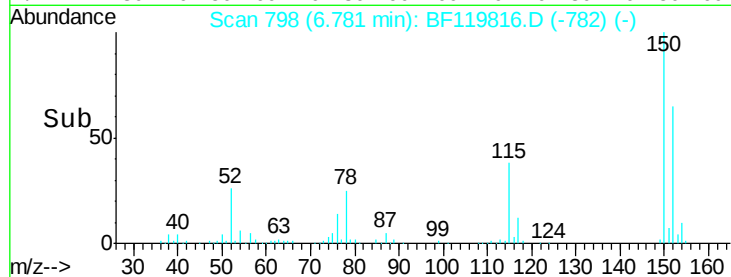
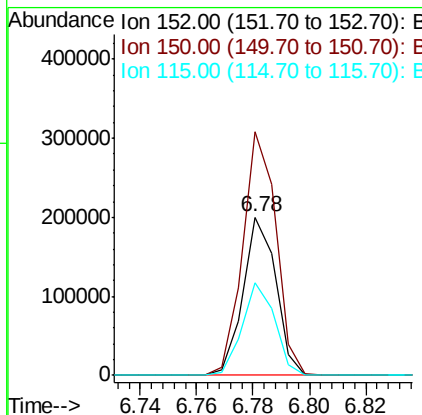
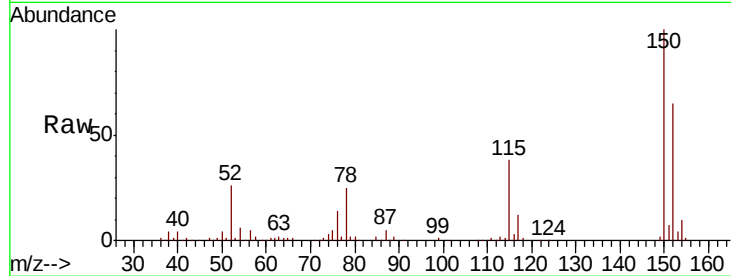
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119816.D
Acq: 7 Apr 2020 12:35

Instrument :
BNA_F
ClientSampleId :
TP-60-61-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.5	186.7
115	58.7	49.6	74.4

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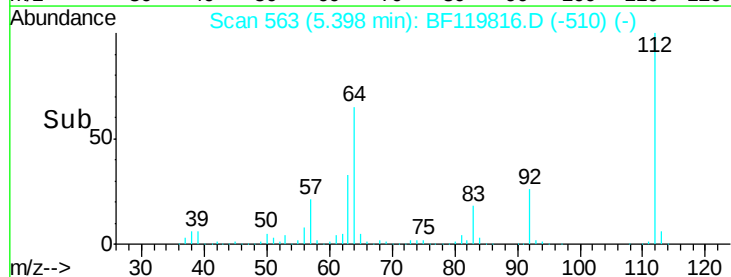
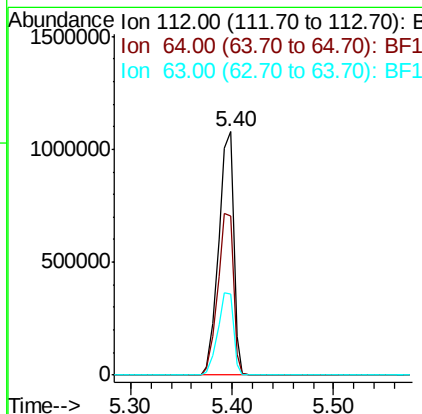
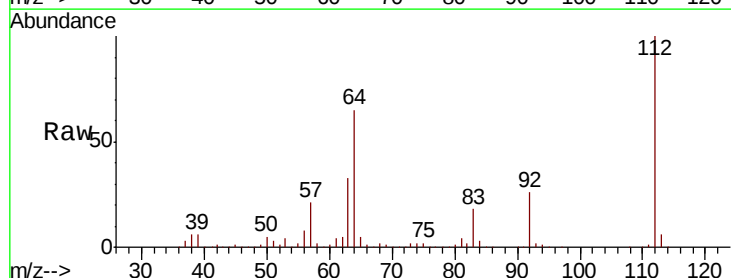
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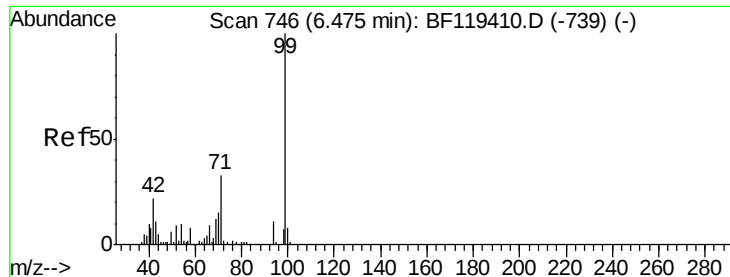


#5

2-Fluorophenol
Concen: 110.036 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF119816.D
Acq: 7 Apr 2020 12:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.7	85.1
63	33.2	29.5	44.3





#7

Phenol-d6

Concen: 108.022 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119816.D

Acq: 7 Apr 2020 12:35

Instrument :

BNA_F

ClientSampleId :

TP-60-61-COMP

Tot Ion: 99 Resp: 1397777

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

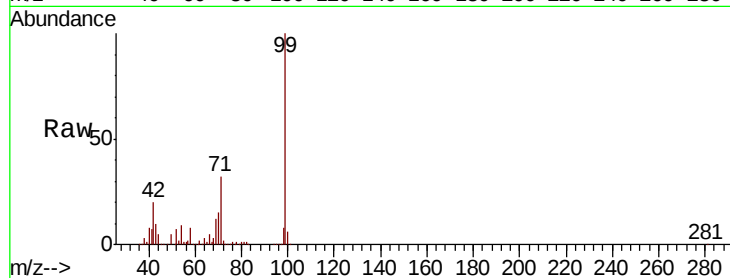
71 32.5 26.4 39.6

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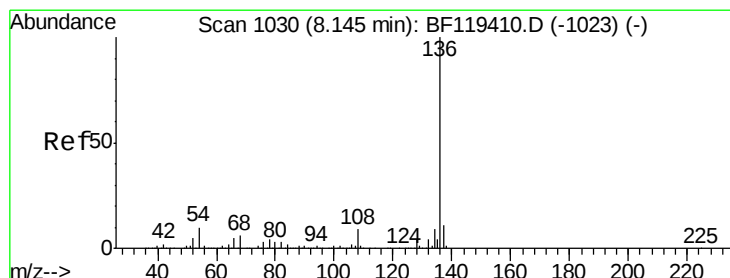
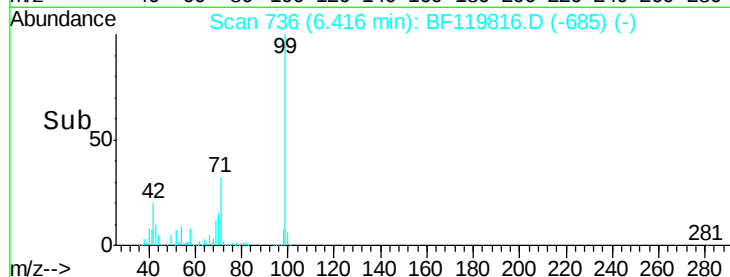
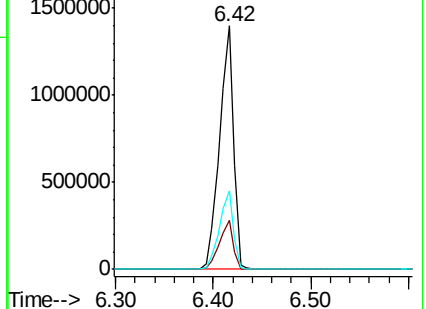
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119816.D

Acq: 7 Apr 2020 12:35

Tgt Ion: 136 Resp: 583187

Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.9 9.1 13.7

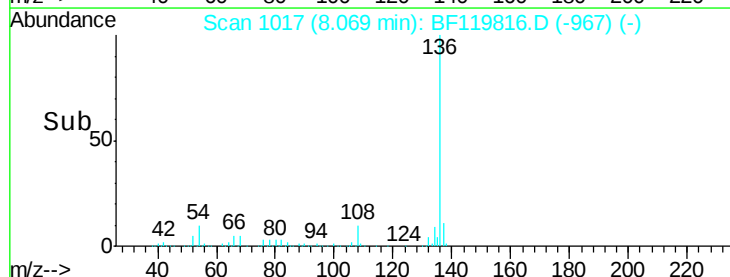
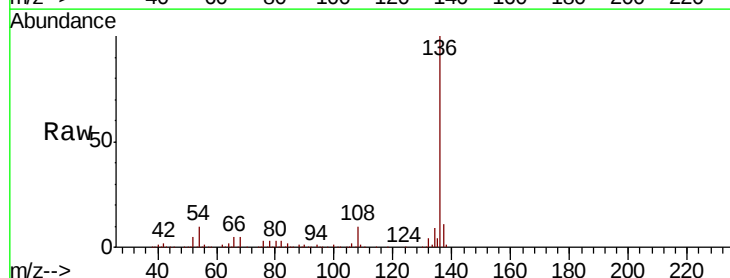
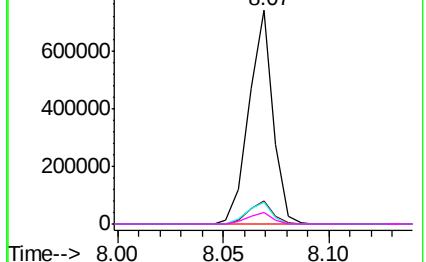
68 5.2 4.6 6.8

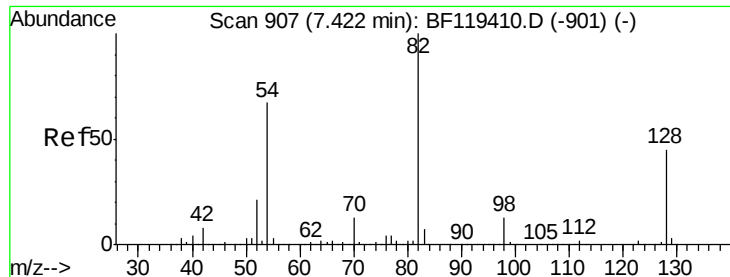
Abundance Ion 136.00 (135.70 to 136.70): E

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





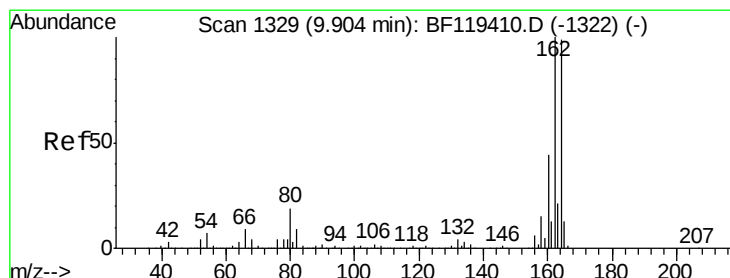
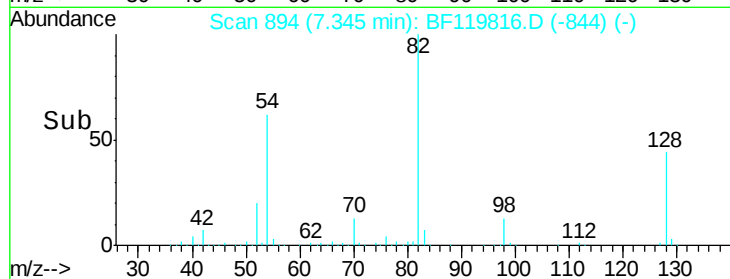
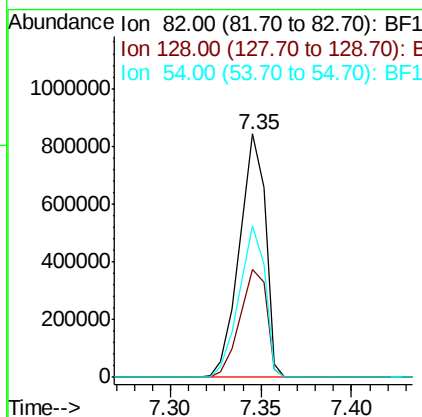
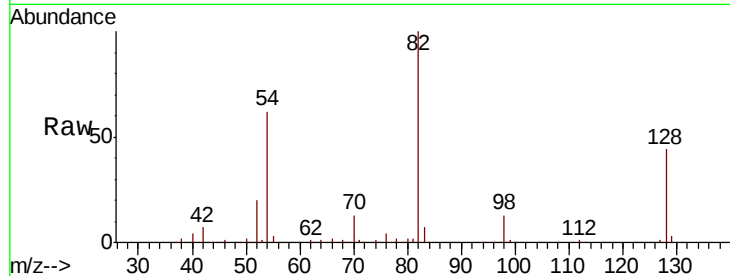
#23
Nitrobenzene-d5
Concen: 78.613 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119816.D
Acq: 7 Apr 2020 12:35

Instrument :
BNA_F
ClientSampleId :
TP-60-61-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.3	54.5
54	62.3	50.6	75.8

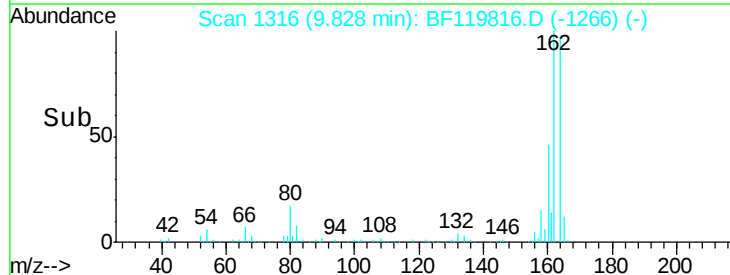
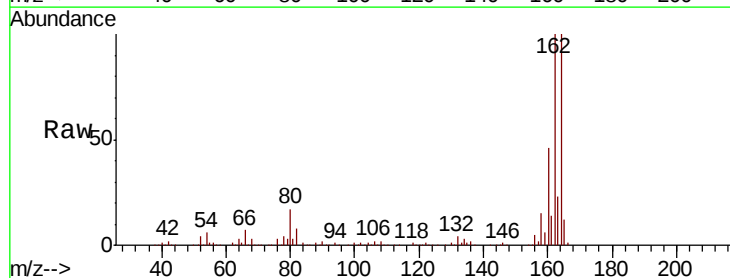
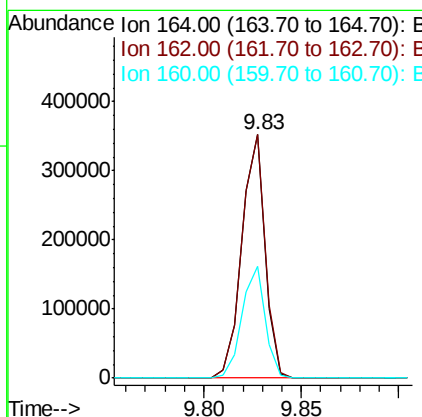
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119816.D
Acq: 7 Apr 2020 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	45.8	35.7	53.5





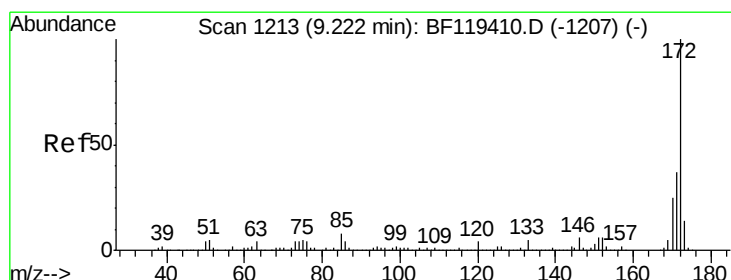
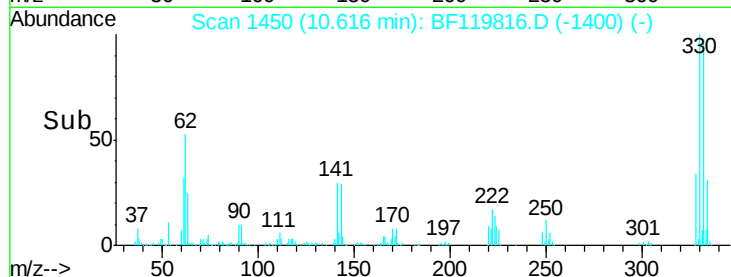
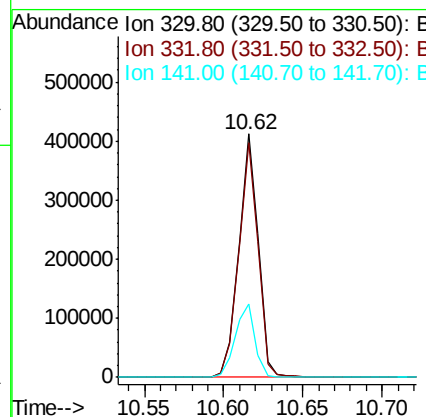
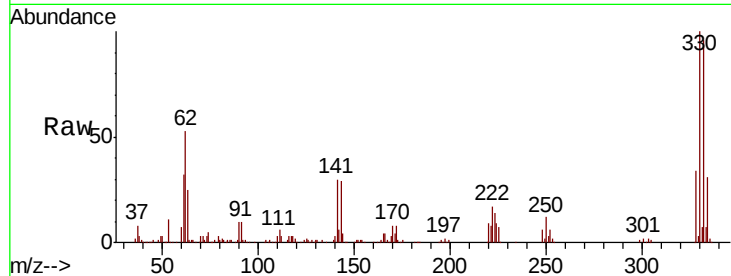
#42
 2,4,6-Tribromophenol
 Concen: 117.384 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119816.D
 Acq: 7 Apr 2020 12:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	31.1	25.4	38.0

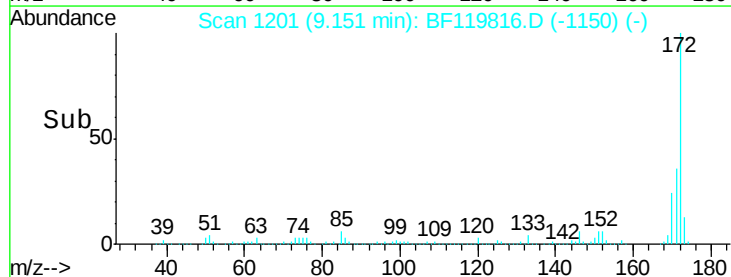
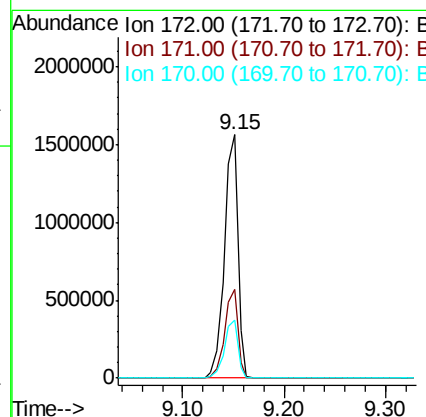
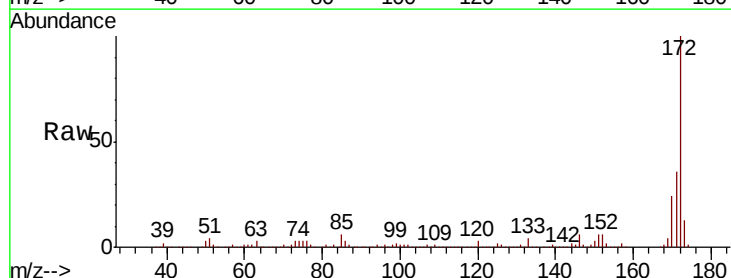
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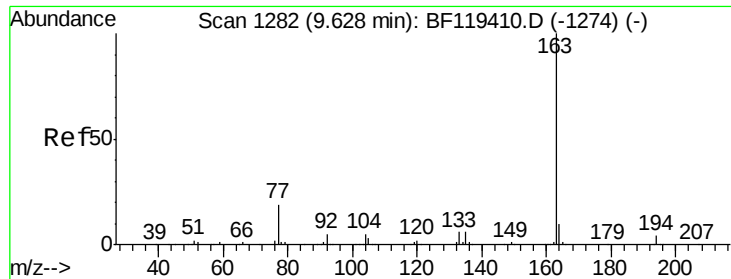
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#45
 2-Fluorobiphenyl
 Concen: 74.048 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF119816.D
 Acq: 7 Apr 2020 12:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	20.2	30.2





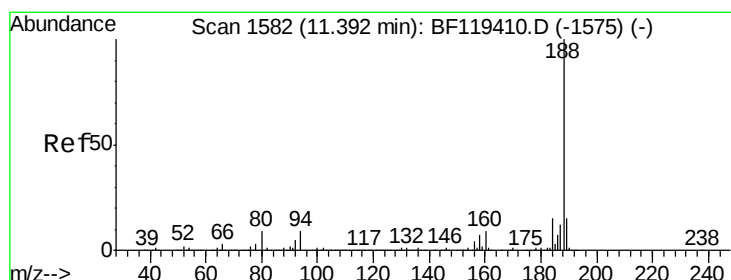
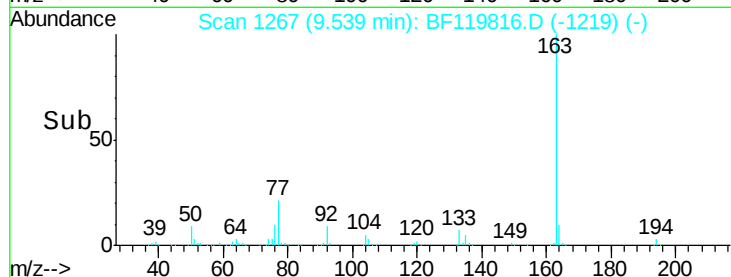
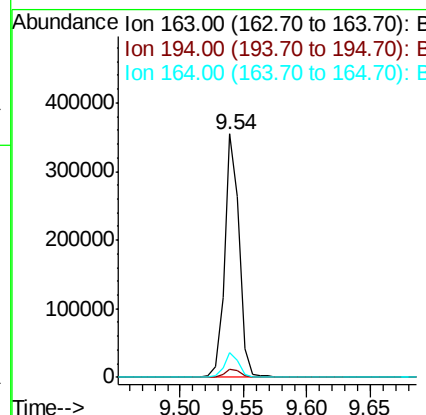
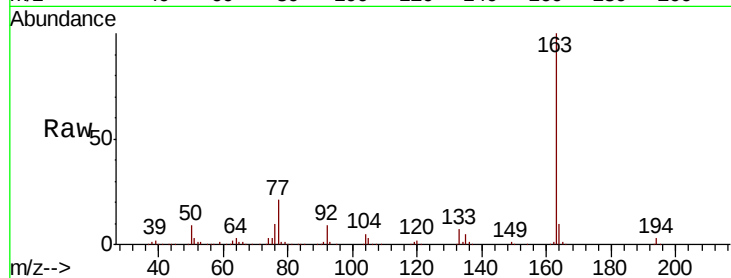
#50
Dimethylphthalate
Concen: 13.838 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119816.D
Acq: 7 Apr 2020 12:35

Instrument :
BNA_F
ClientSampleId :
TP-60-61-COMP

Tot Ion:	163	Resp:	284961
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.1	4.7
164	10.0	8.2	12.2

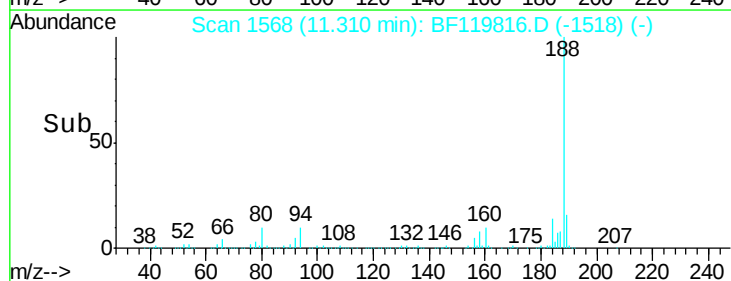
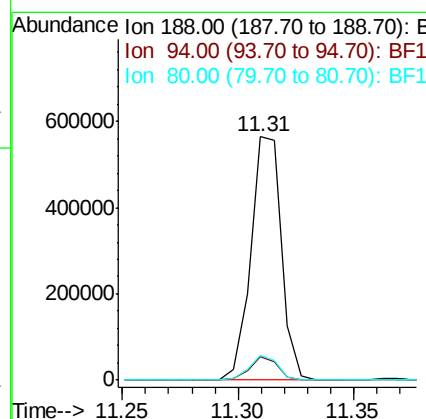
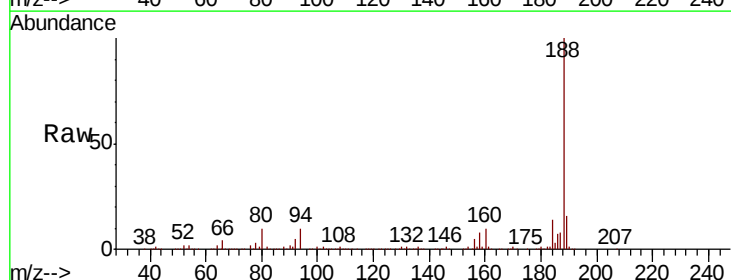
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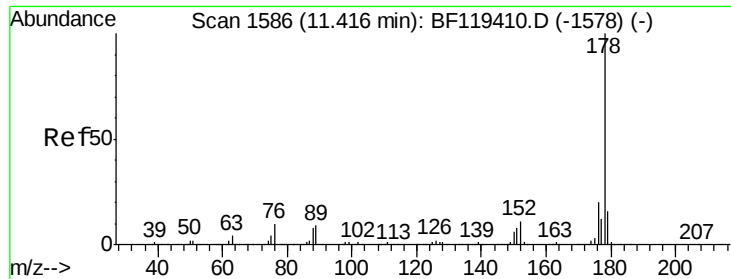
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119816.D
Acq: 7 Apr 2020 12:35

Tgt Ion:	188	Resp:	524182
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.5	11.3
80	10.0	9.0	13.4





#71

Phenanthrene

Concen: 4.219 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF119816.D

Acq: 7 Apr 2020 12:35

Instrument :

BNA_F

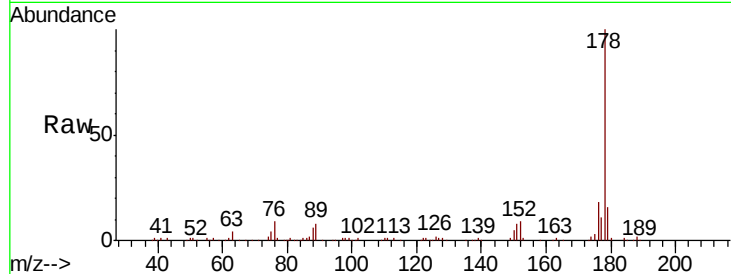
ClientSampleId :

TP-60-61-COMP

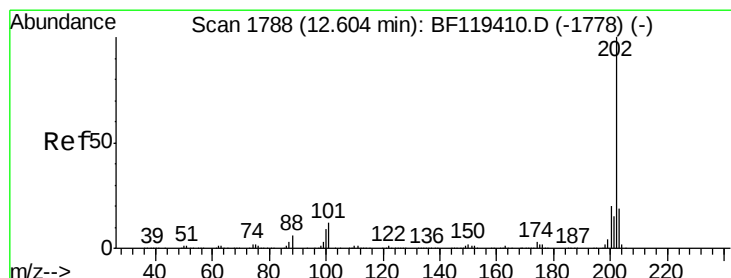
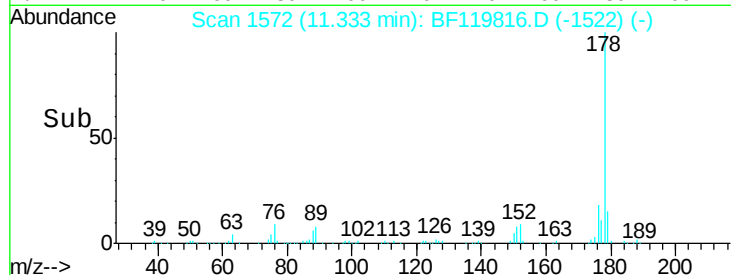
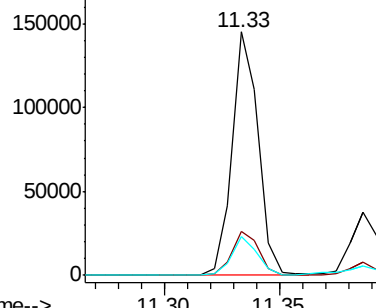
Tot Ion:	178	Resp:	114681
Ion Ratio	Lower	Upper	
178	100		
176	17.9	16.2	24.4
179	15.7	13.2	19.8

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.455 ng

RT: 12.53 min Scan# 1775

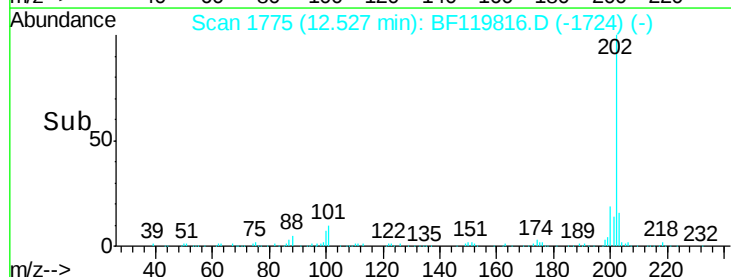
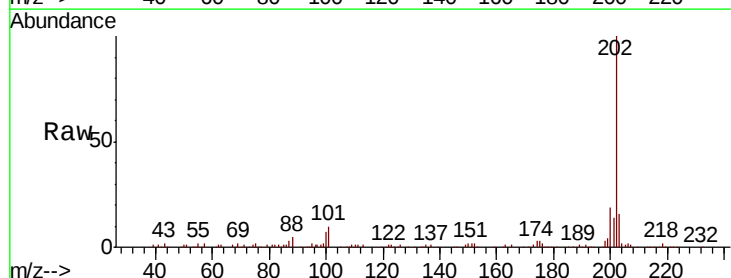
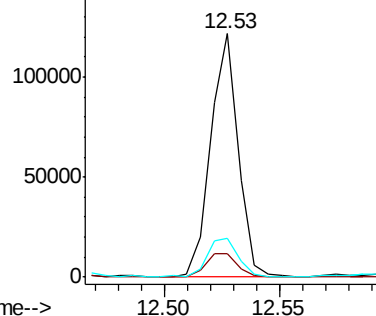
Delta R.T. 0.00 min

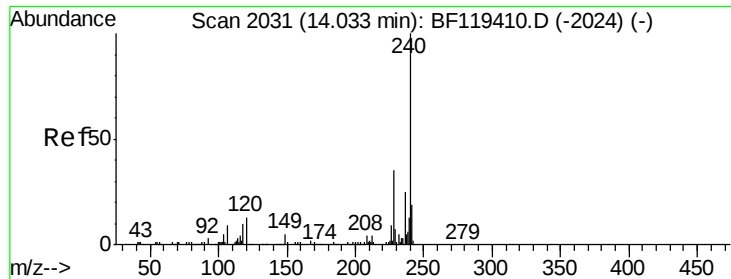
Lab File: BF119816.D

Acq: 7 Apr 2020 12:35

Tgt Ion:	202	Resp:	101624
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	32.2
203	16.1	0.0	38.8

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





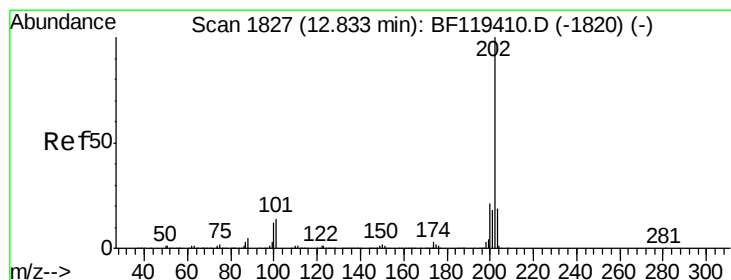
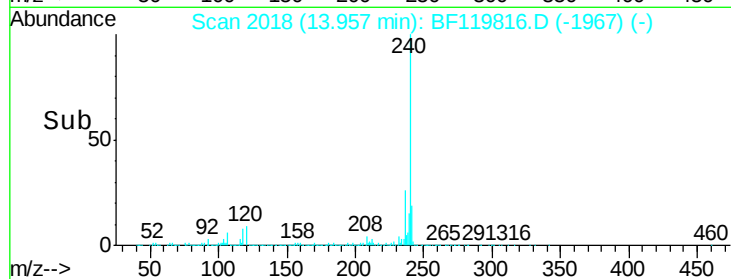
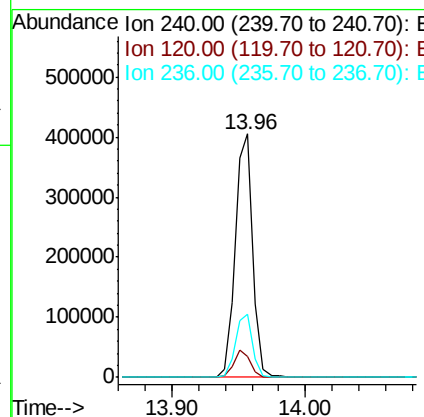
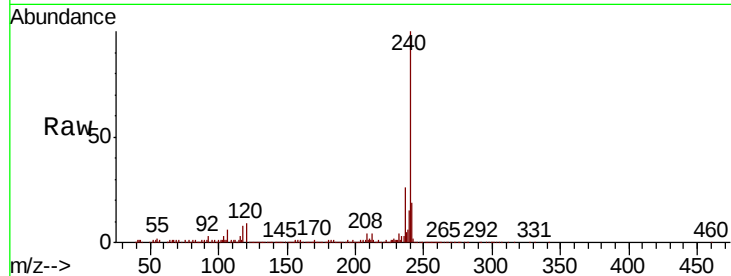
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF119816.D
Acq: 7 Apr 2020 12:35

Instrument :
BNA_F
ClientSampleId :
TP-60-61-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	10.6	15.8#
236	25.9	20.2	30.2

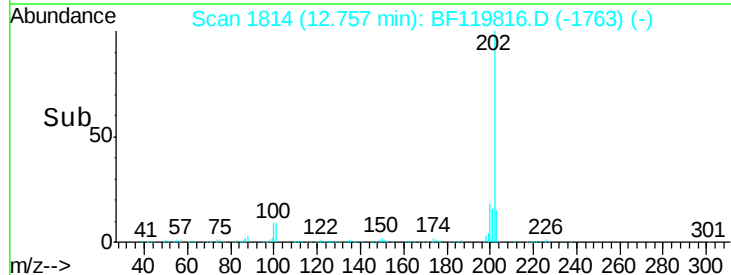
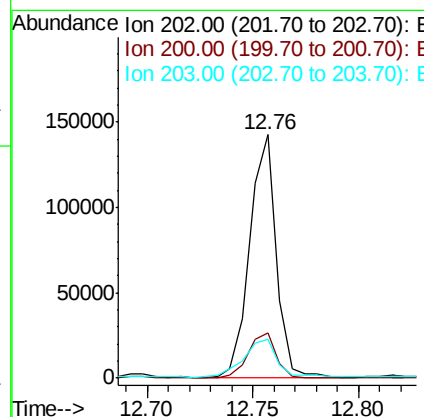
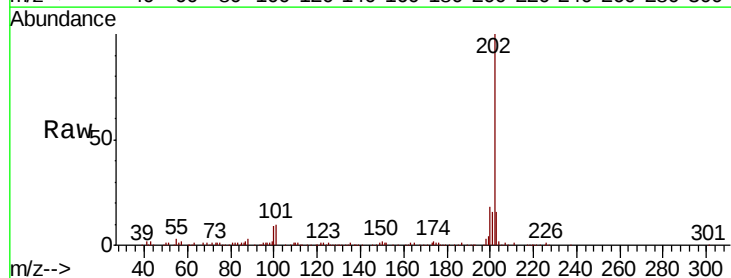
Manual Integrations
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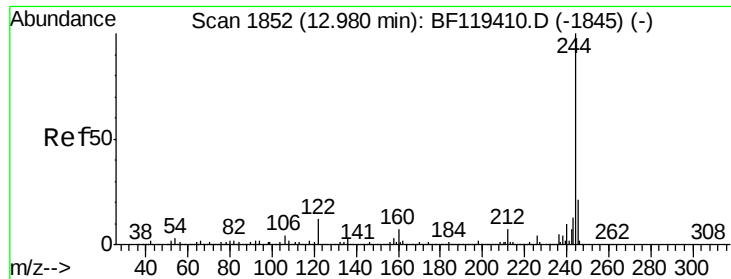
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#78
Pyrene
Concen: 4.051 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF119816.D
Acq: 7 Apr 2020 12:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.5	16.8	25.2
203	15.8	15.1	22.7





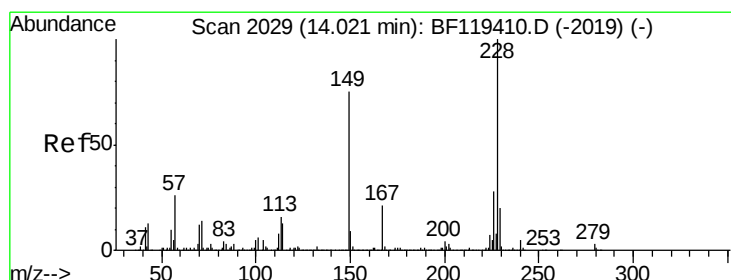
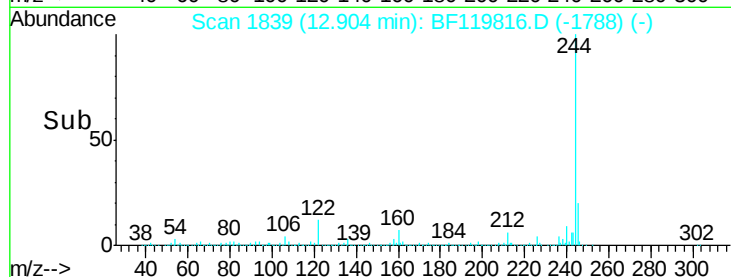
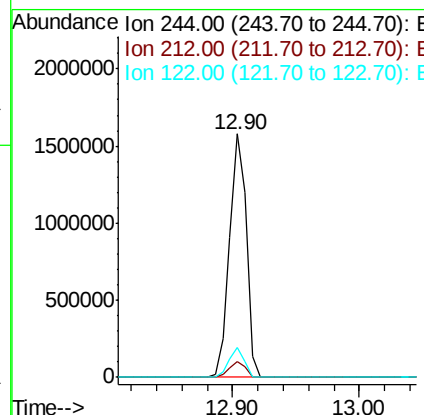
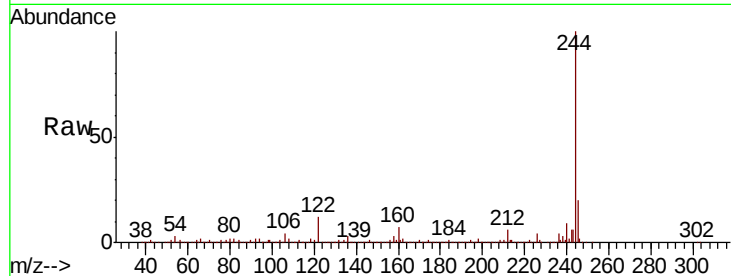
#79
 Terphenyl-d14
 Concen: 76.247 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF119816.D
 Acq: 7 Apr 2020 12:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Tot Ion:244 Resp: 1452396
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 12.2 10.3 15.5

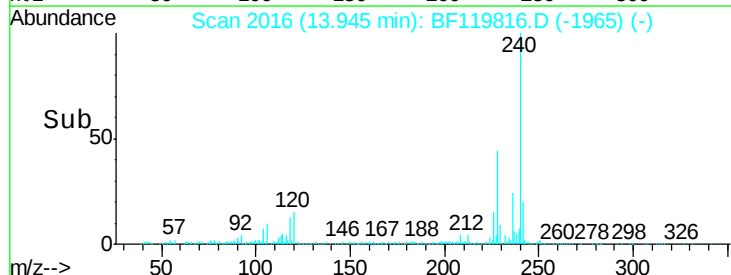
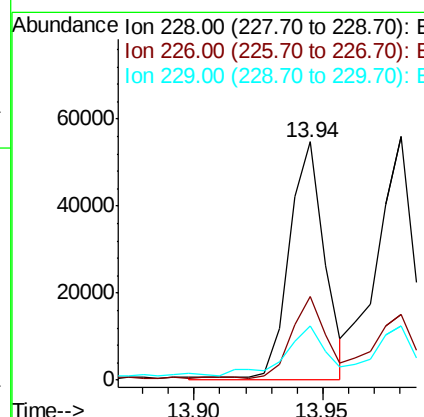
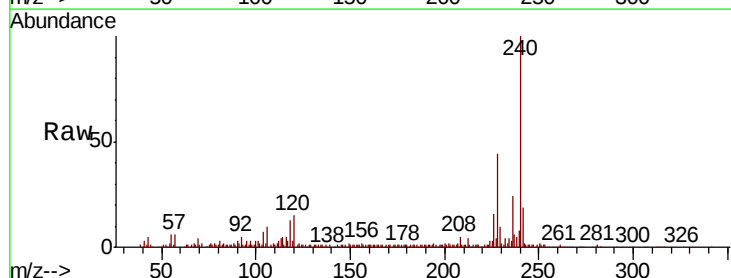
Manual Integrations
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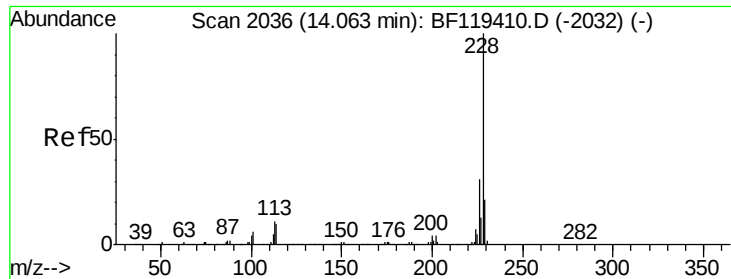
mohammad
 4/8/2020 8:12:58 AM



#81
 Benzo(a)anthracene
 Concen: 2.167 ng m
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF119816.D
 Acq: 7 Apr 2020 12:35

Tgt Ion:228 Resp: 52585
 Ion Ratio Lower Upper
 228 100
 226 35.3 21.8 32.8#
 229 22.7 16.2 24.4





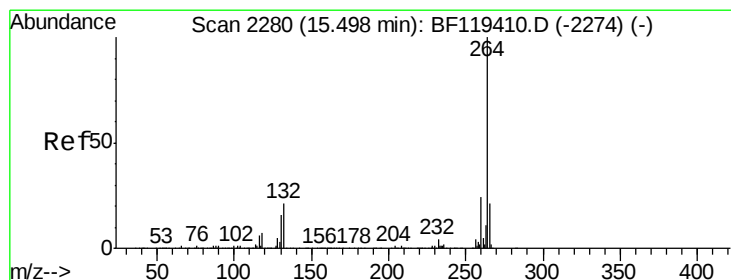
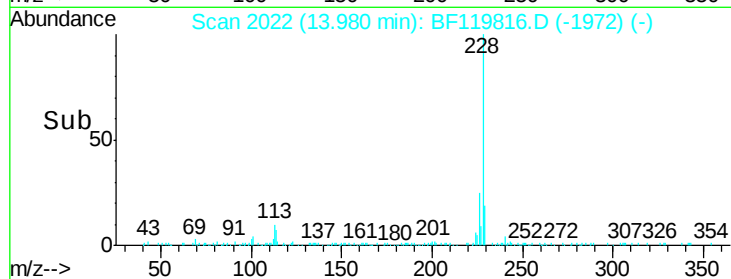
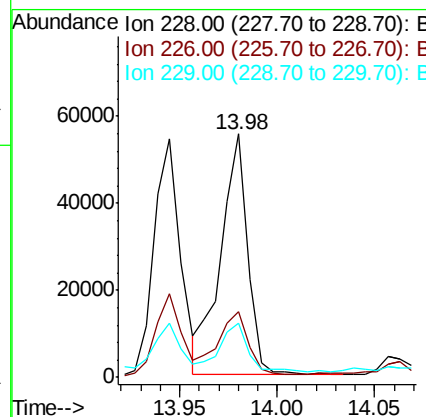
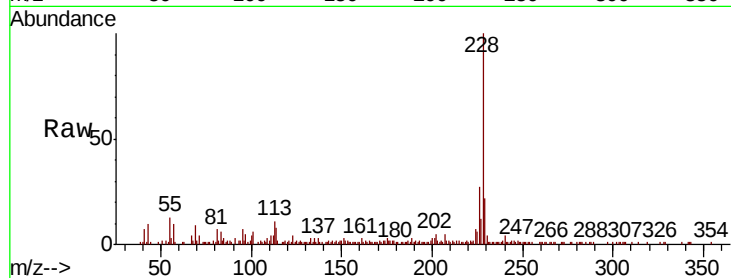
#83
Chrysene
Concen: 2.142 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF119816.D
Acq: 7 Apr 2020 12:35

Instrument :
BNA_F
ClientSampleId :
TP-60-61-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	25.4	38.0
229	22.1	16.6	24.8

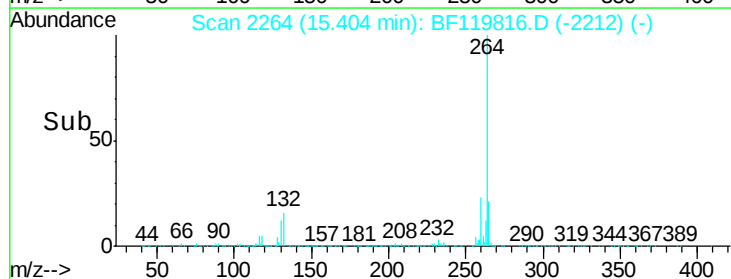
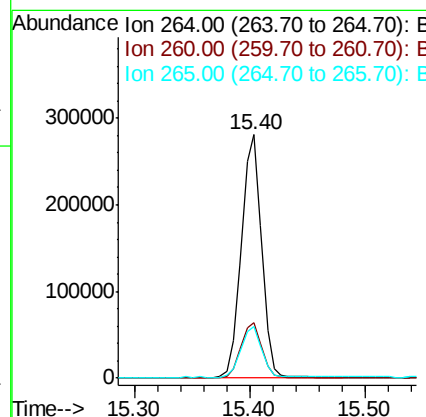
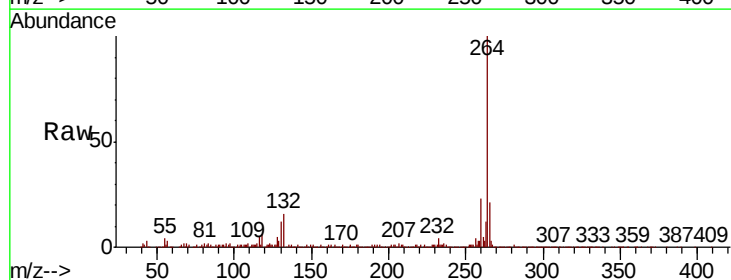
Manual Integrations
APPROVED

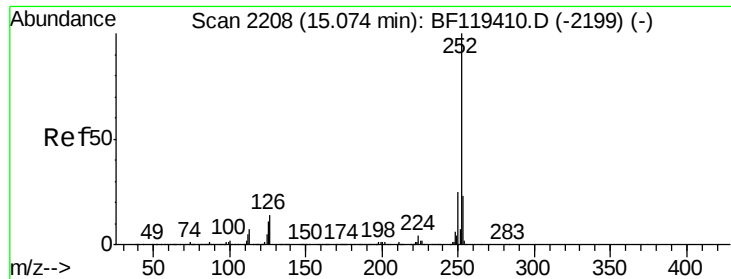
mohammad
4/8/2020 8:12:58 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF119816.D
Acq: 7 Apr 2020 12:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.0	17.7	26.5





#88
 Benzo(b)fluoranthene
 Concen: 2.126 ng/ml
 RT: 14.98 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BF119816.D
 Acq: 7 Apr 2020 12:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.4	26.0#
125	15.5	7.9	11.9#

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:12:58 AM

