

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119756.D
 Acq On : 4 Apr 2020 10:18
 Operator : MA/SJ
 Sample : L2122-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-040120

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Quant Time: Apr 06 02:08:47 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	170055	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	607133	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	266950	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	423646	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	323953	20.00	ng	-0.02
87) Perylene-d12	15.43	264	266384	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	692953	64.87	ng	0.00
7) Phenol-d6	6.43	99	882498	64.67	ng	-0.01
23) Nitrobenzene-d5	7.36	82	516129	46.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	175486	63.72	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	946201	52.51	ng	-0.01
79) Terphenyl-d14	12.92	244	758211	45.86	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	95339	5.028	ng	Qvalue 97
71) Phenanthrene	11.36	178	150593	6.855	ng	97
72) Anthracene	11.41	178	57549	2.578	ng	97
75) Fluoranthene	12.54	202	381308	16.039	ng	98
78) Pyrene	12.77	202	380939	14.328	ng	99
81) Benzo(a)anthracene	13.96	228	216042	10.255	ng	94
83) Chrysene	14.00	228	200037	9.201	ng	96
86) Indeno(1,2,3-cd)pyrene	16.87	276	92311	4.508	ng	94
88) Benzo(b)fluoranthene	15.01	252	237323m	13.337	ng	
89) Benzo(k)fluoranthene	15.03	252	60396m	3.564	ng	
90) Benzo(a)pyrene	15.37	252	157208	9.721	ng	98
92) Benzo(a,h,i)perylene	17.31	276	91376	6.430	ng	# 93

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

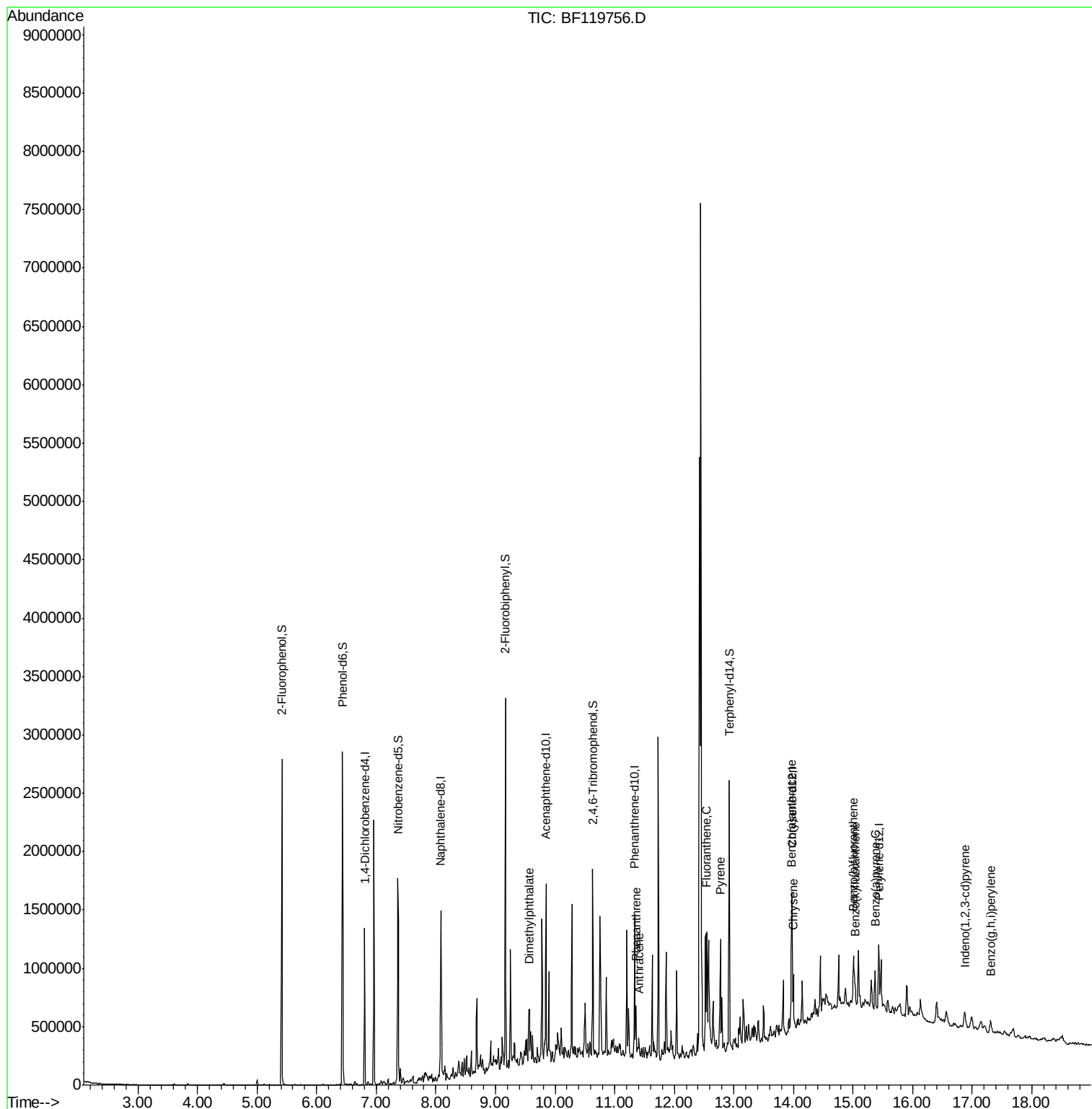
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

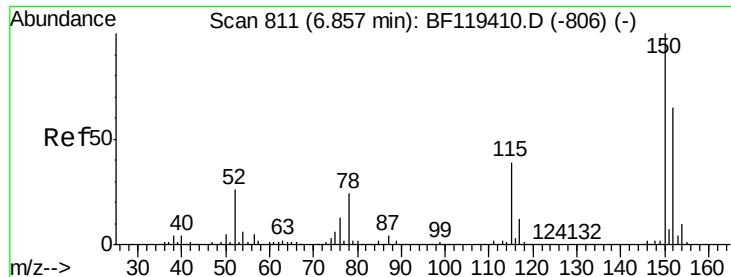
Instrument :
BNA_F
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SU-01-040120

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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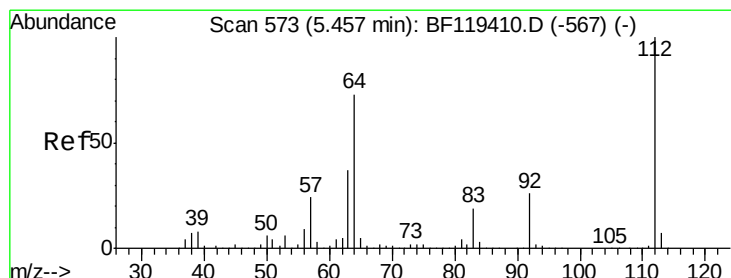
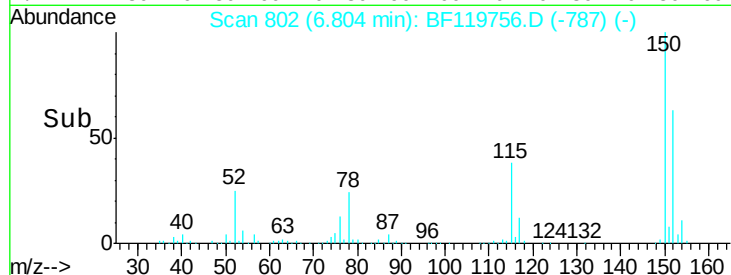
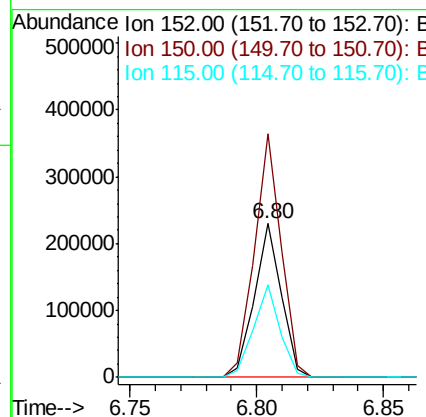
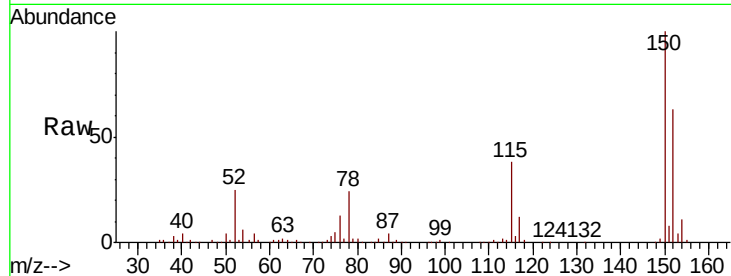
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119756.D
 Acq: 4 Apr 2020 10:18

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-040120

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.5	186.7
115	60.3	49.6	74.4

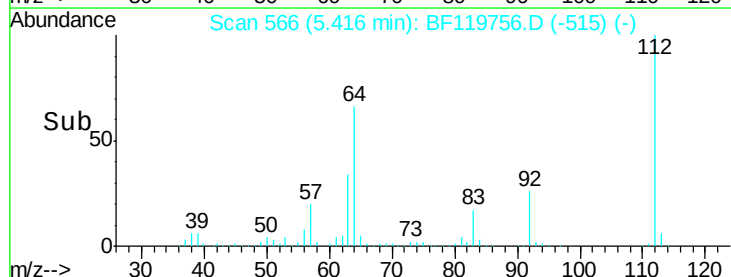
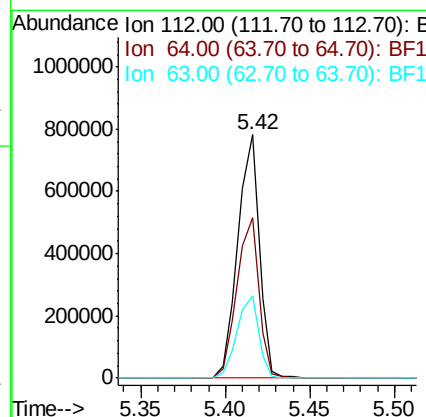
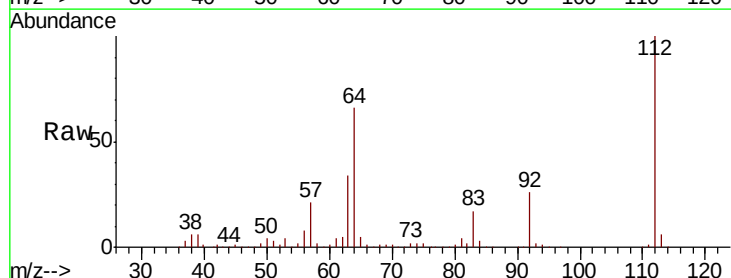
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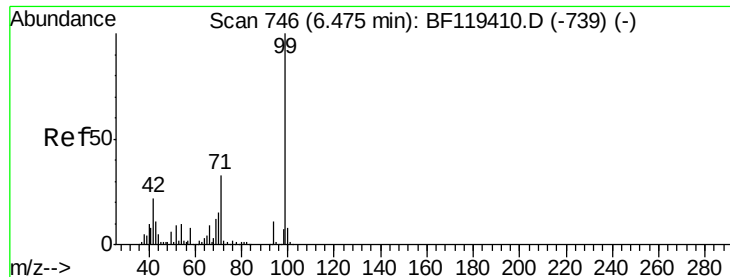
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#5
 2-Fluorophenol
 Concen: 64.868 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF119756.D
 Acq: 4 Apr 2020 10:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.7	85.1
63	34.0	29.5	44.3





#7

Phenol-d6

Concen: 64.670 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119756.D

Acq: 4 Apr 2020 10:18

Instrument :

BNA_F

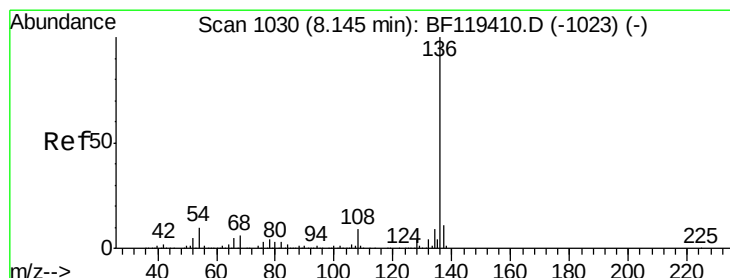
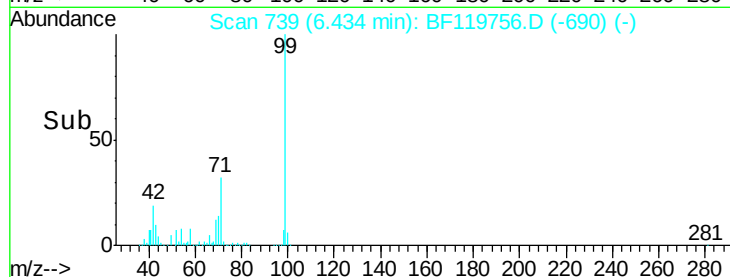
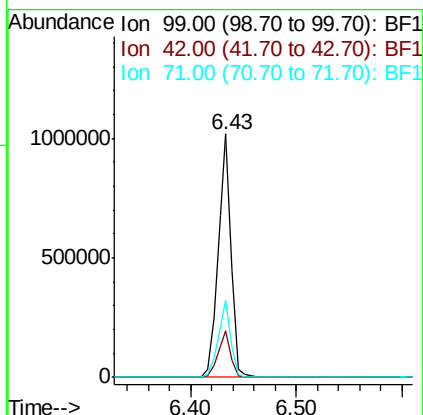
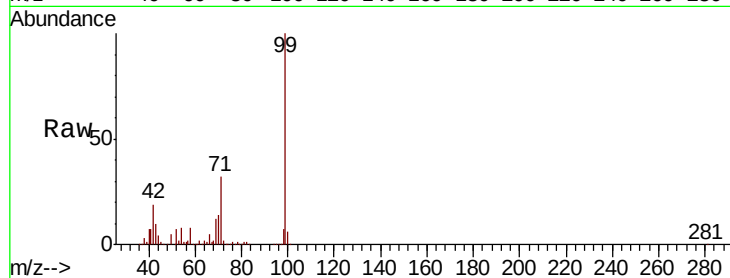
ClientSampled :

SU-01-040120

Tot Ion:	99	Resp:	882498
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.6	24.8
71	31.7	26.4	39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

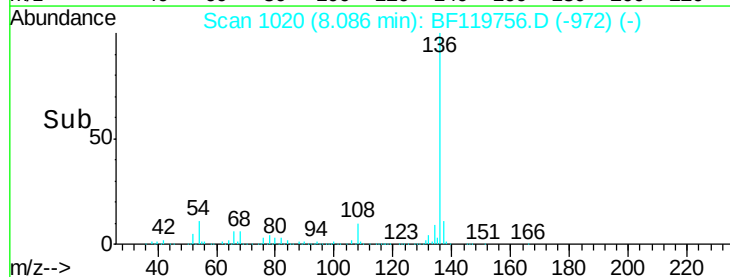
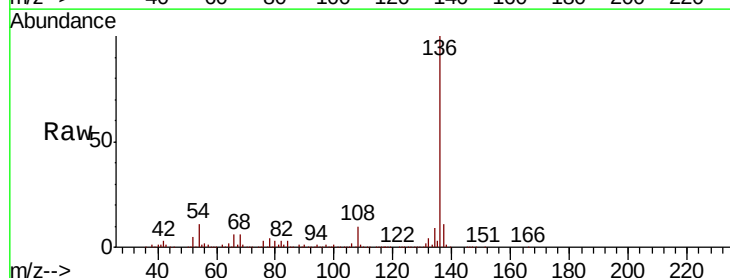
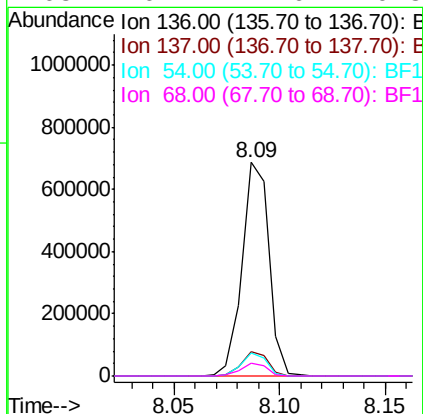
RT: 8.09 min Scan# 1020

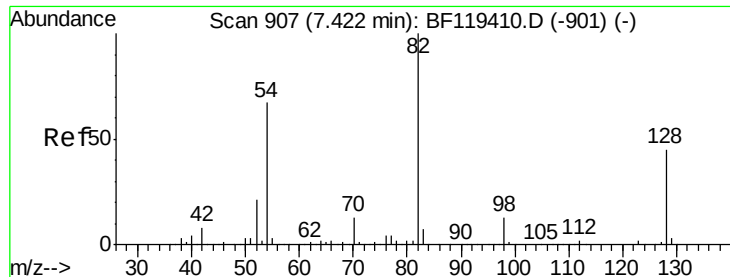
Delta R.T. -0.02 min

Lab File: BF119756.D

Acq: 4 Apr 2020 10:18

Tgt Ion:	136	Resp:	607133
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.0	9.1	13.7
68	6.2	4.6	6.8





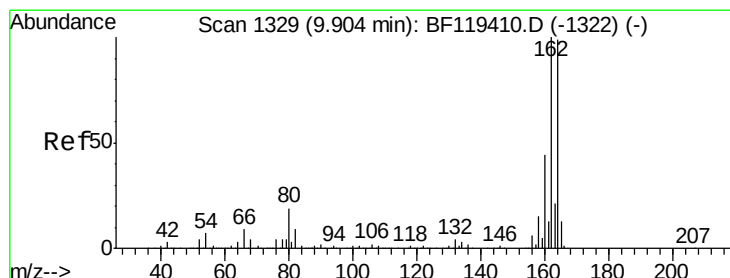
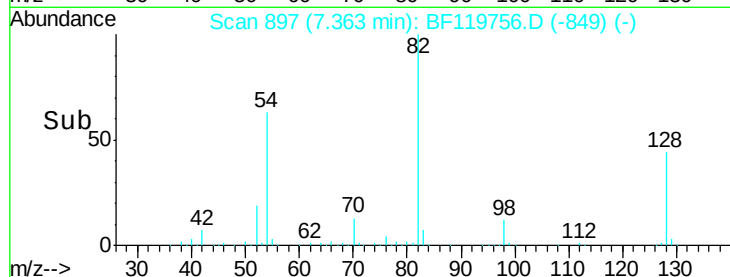
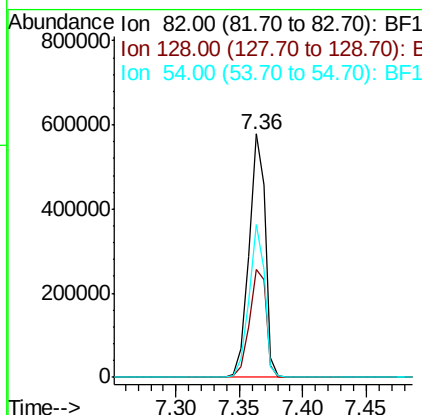
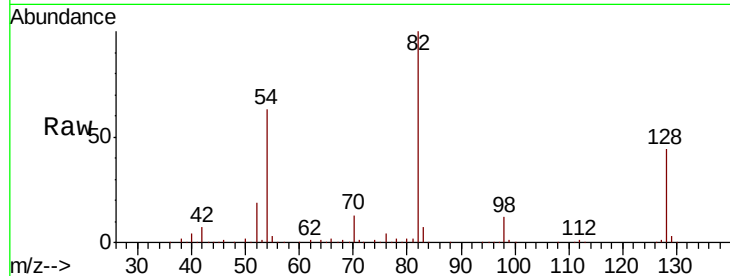
#23
Nitrobenzene-d5
Concen: 46.202 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	36.3	54.5	
54	62.9	50.6	75.8	

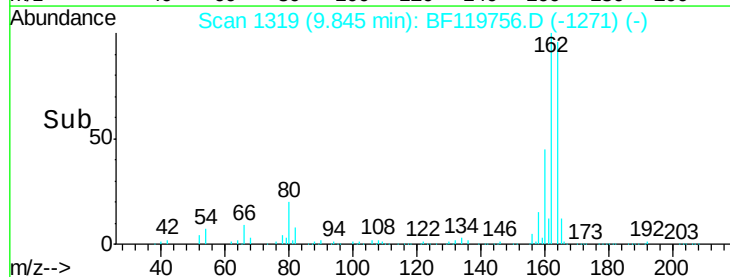
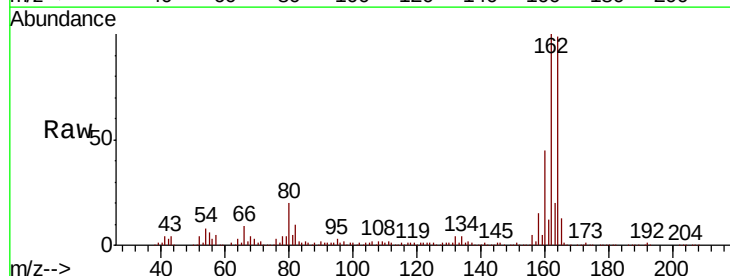
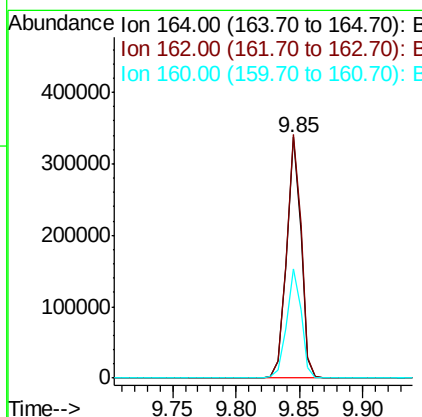
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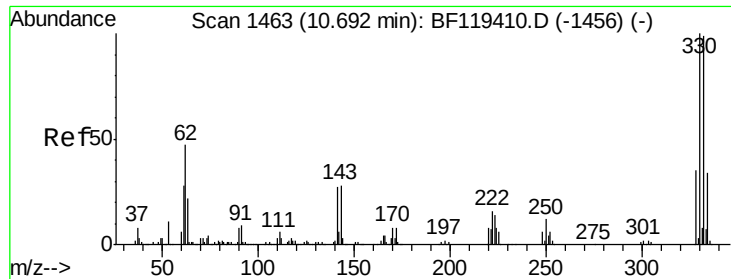
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	80.6	121.0	
160	45.3	35.7	53.5	





#42

2,4,6-Tribromophenol

Concen: 63.720 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BF119756.D

Acq: 4 Apr 2020 10:18

Instrument :

BNA_F

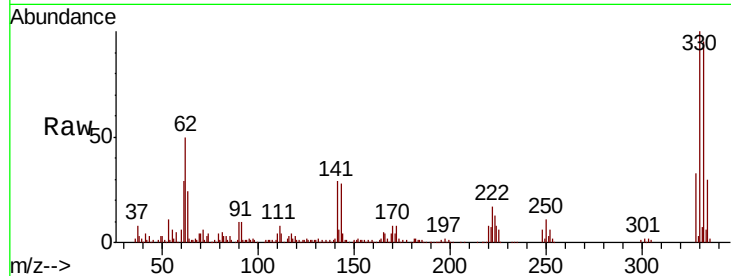
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SU-01-040120

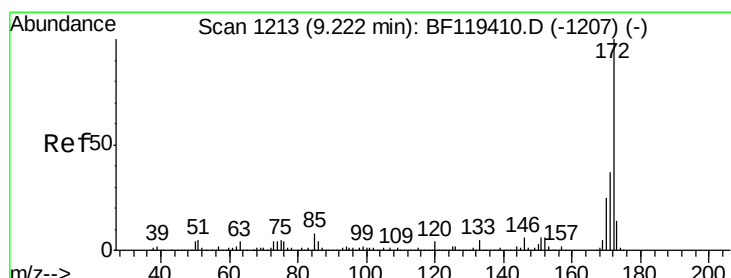
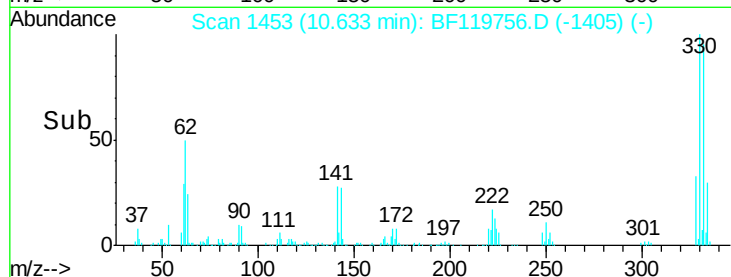
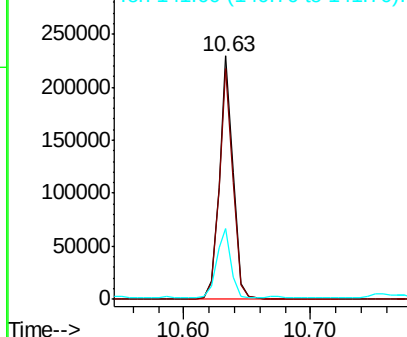
Tot Ion:	330	Resp:	175486
Ion Ratio	Lower	Upper	
330	100		
332	94.5	75.7	113.5
141	30.0	25.4	38.0

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 52.511 ng

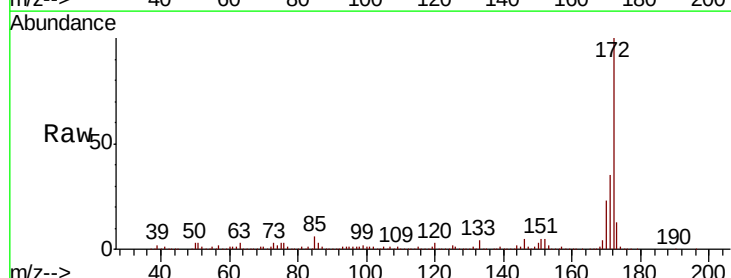
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

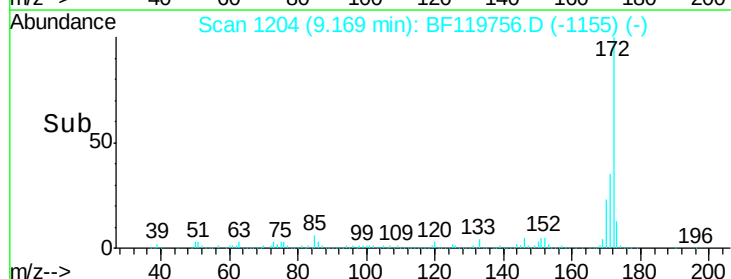
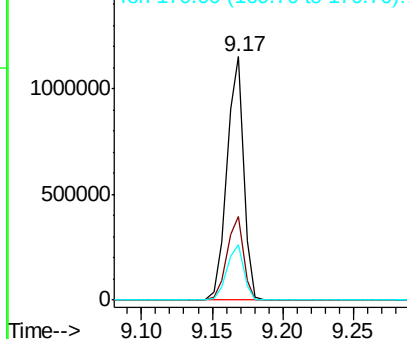
Lab File: BF119756.D

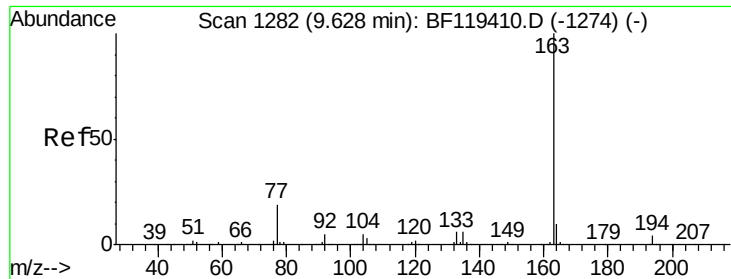
Acq: 4 Apr 2020 10:18

Tgt Ion:	172	Resp:	946201
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.6	44.4
170	22.7	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





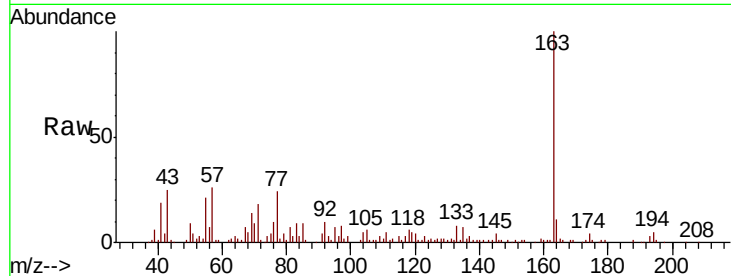
#50
Dimethylphthalate
Concen: 5.028 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.03 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

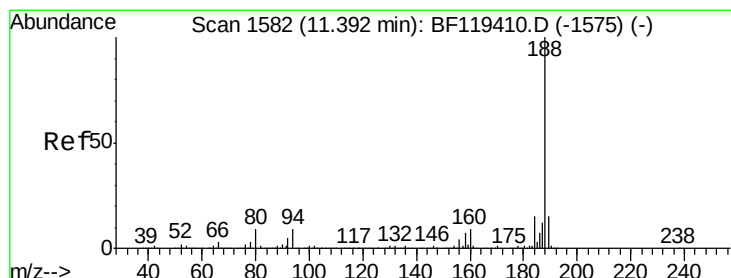
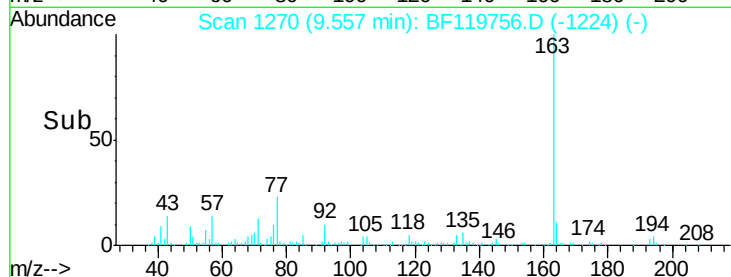
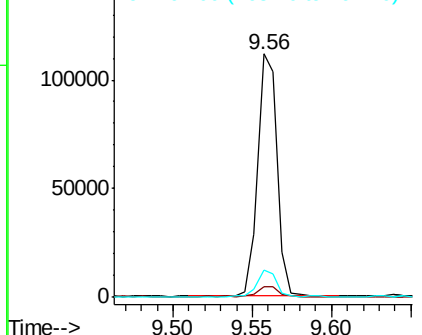
Tot Ion:	163	Resp:	95339
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.1	4.7
164	11.4	8.2	12.2

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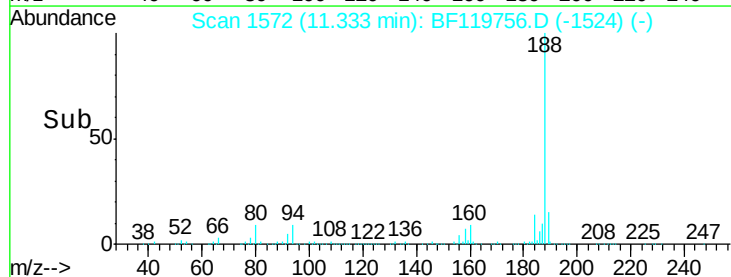
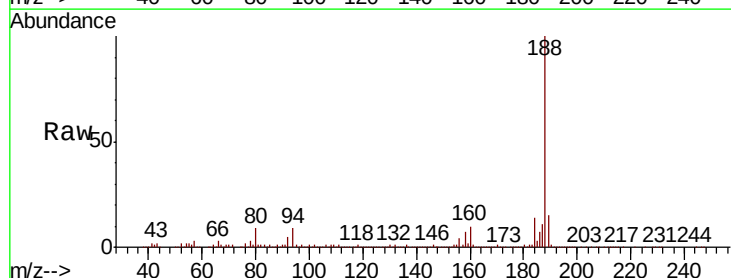
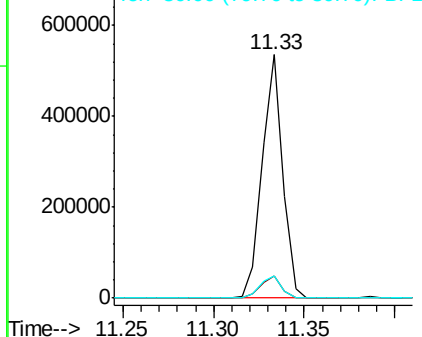
Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

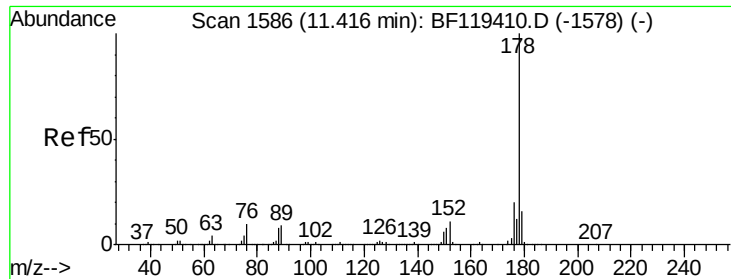


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Tgt Ion:	188	Resp:	423646
Ion Ratio	Lower	Upper	
188	100		
94	8.8	7.5	11.3
80	9.3	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





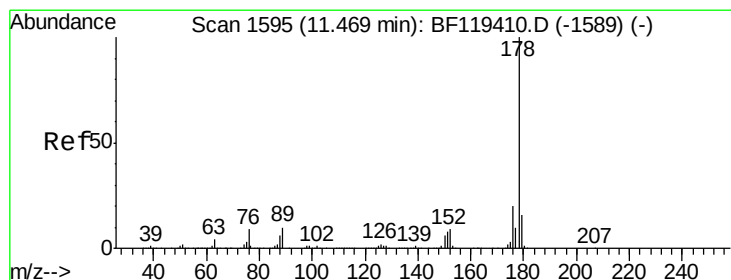
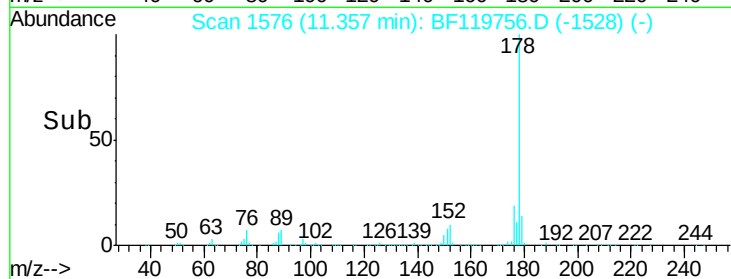
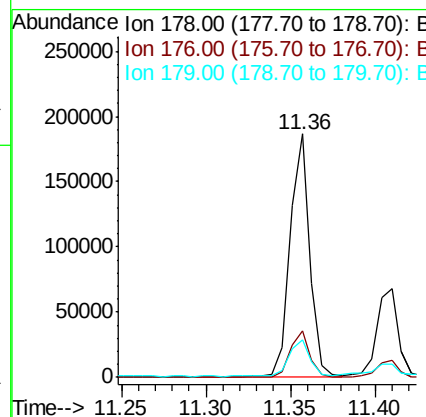
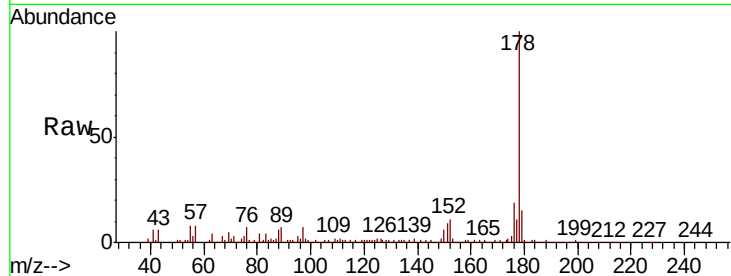
#71
Phenanthrene
Concen: 6.855 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.3	13.2	19.8

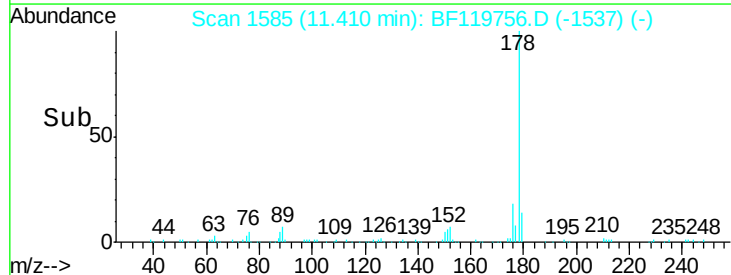
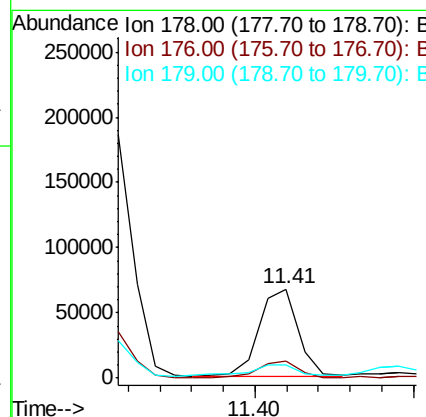
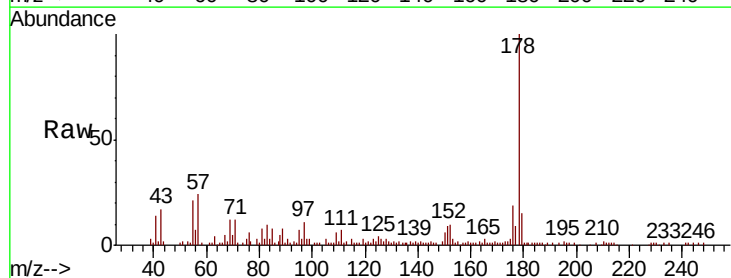
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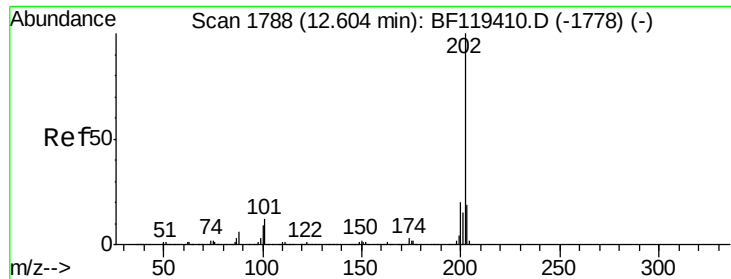
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#72
Anthracene
Concen: 2.578 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.1	24.1
179	15.2	13.0	19.4





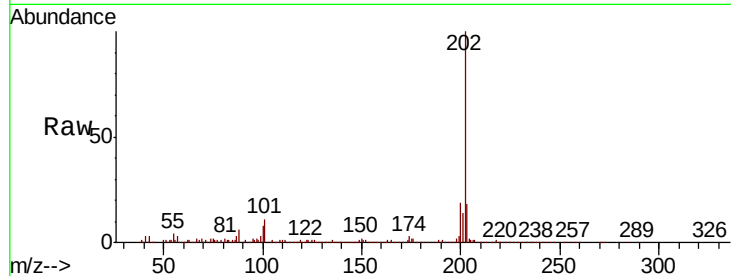
#75
Fluoranthene
Concen: 16.039 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

Tot Ion	Ratio	Resp	Lower	Upper
202	100	381308		
101	11.5	0.0	32.2	
203	18.0	0.0	38.8	

Manual Integrations
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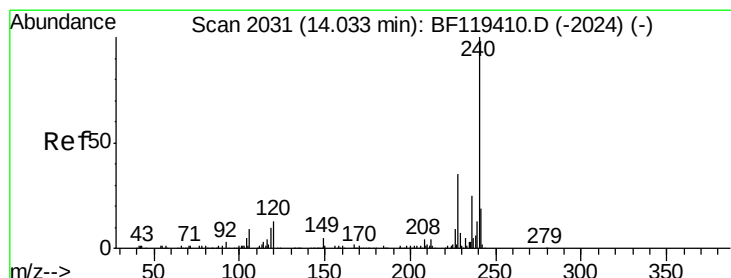
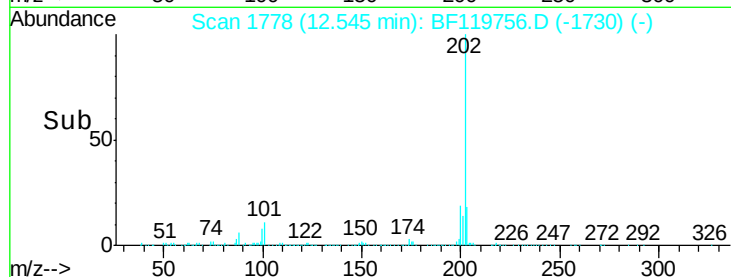
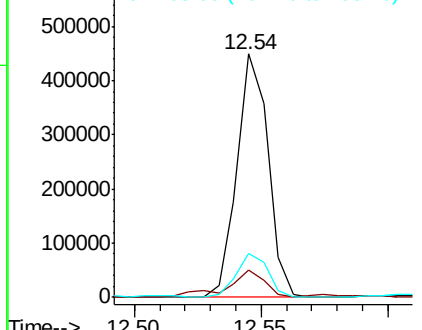


Abundance

Ion 202.00 (201.70 to 202.70): E

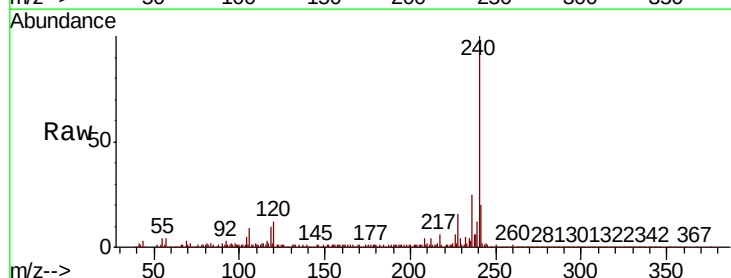
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	323953		
120	11.6	10.6	15.8	
236	25.1	20.2	30.2	

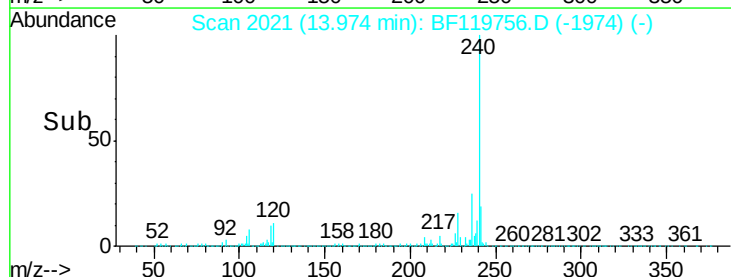
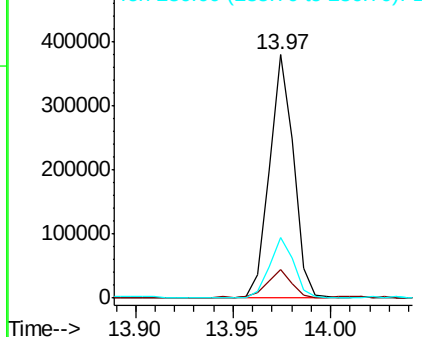


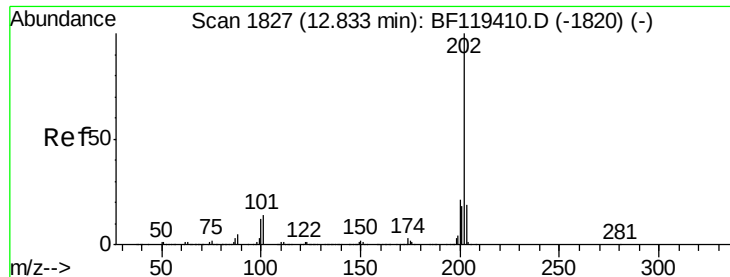
Abundance

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





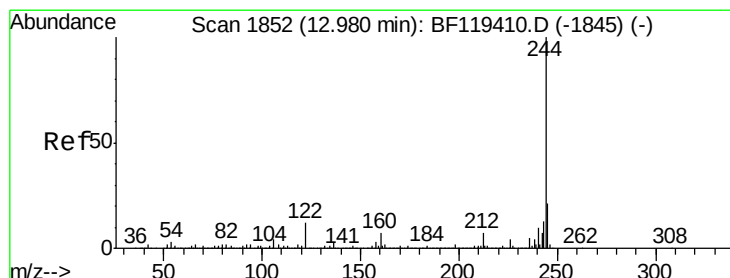
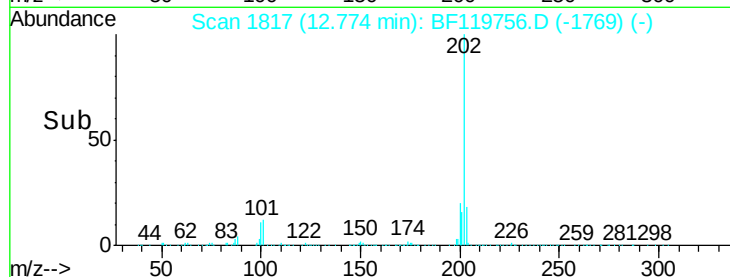
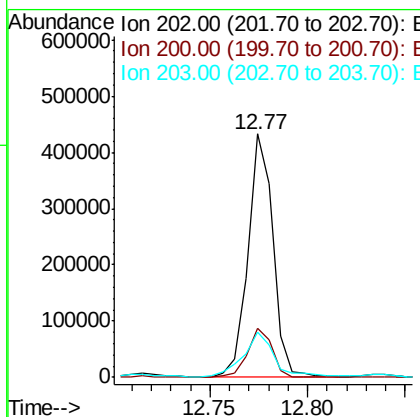
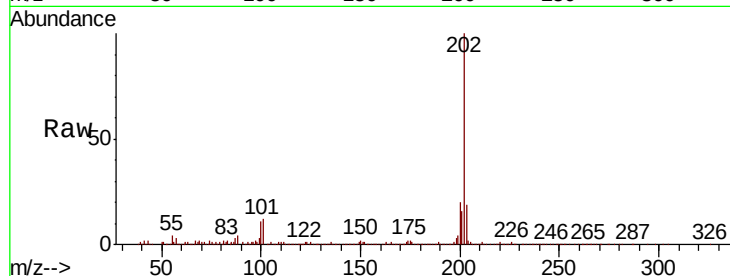
#78
Pvrene
Concen: 14.328 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	16.8	25.2
203	18.6	15.1	22.7

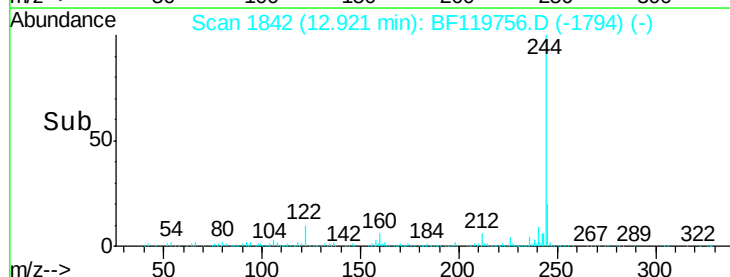
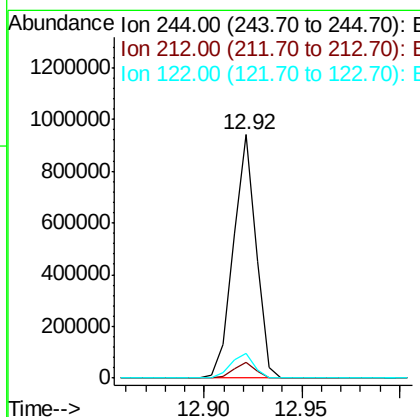
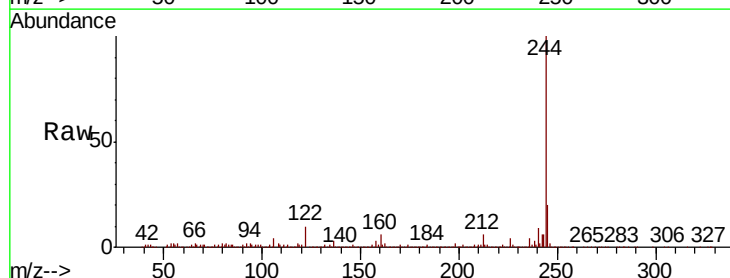
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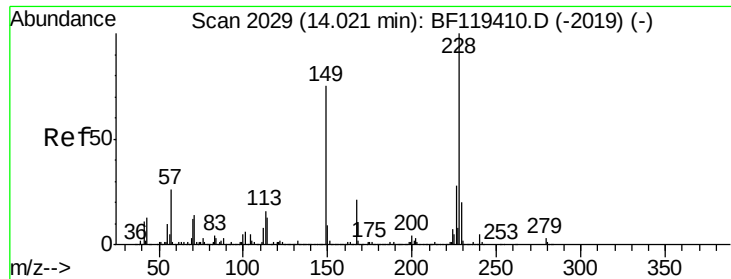
mohammad
4/6/2020 1:39:34 PM



#79
Terphenyl-d14
Concen: 45.855 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.0	10.3	15.5





#81

Benzo(a)anthracene

Concen: 10.255 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF119756.D

Acq: 4 Apr 2020 10:18

Instrument :

BNA_F

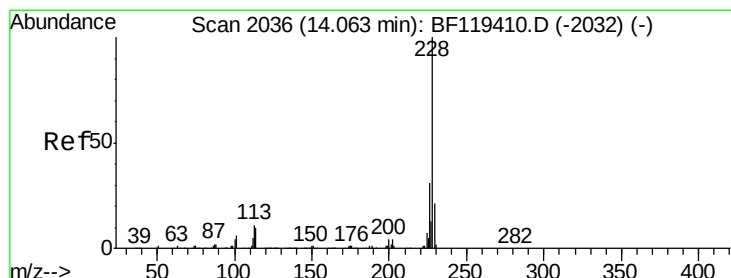
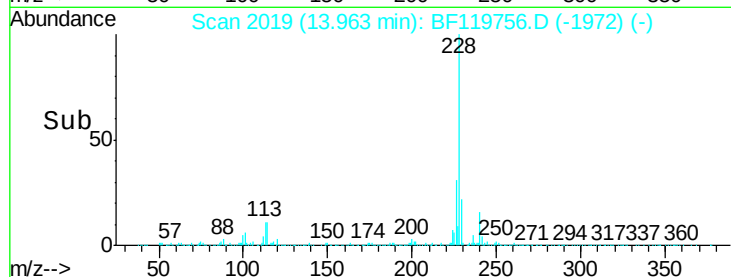
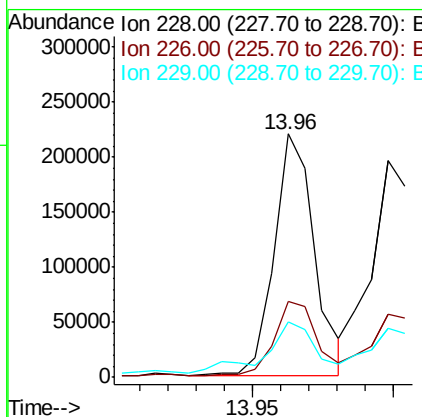
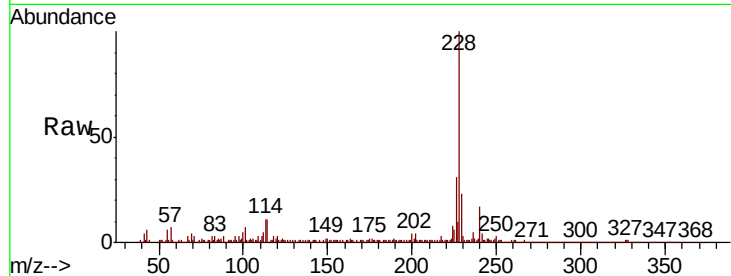
ClientSampleId :

SU-01-040120

Tot Ion:	228	Resp:	216042
Ion Ratio	Lower	Upper	
228	100		
226	31.0	21.8	32.8
229	22.6	16.2	24.4

Manual Integrations
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#83

Chrysene

Concen: 9.201 ng

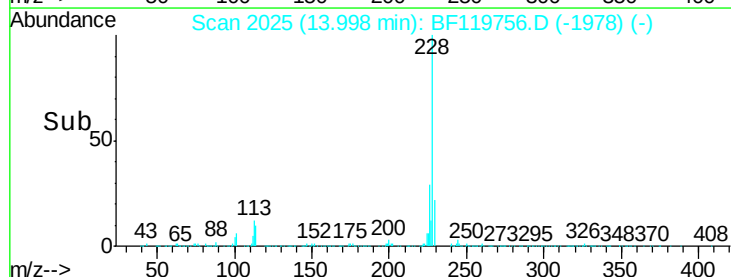
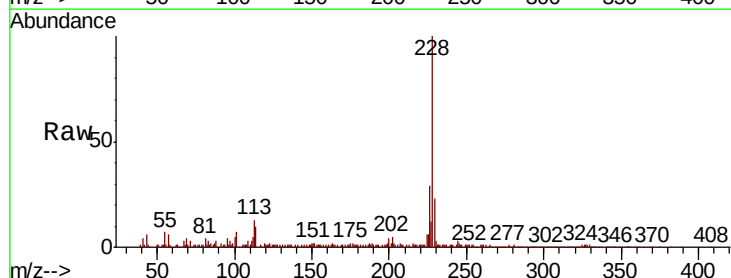
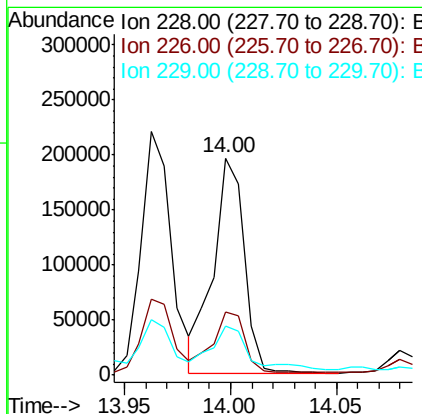
RT: 14.00 min Scan# 2025

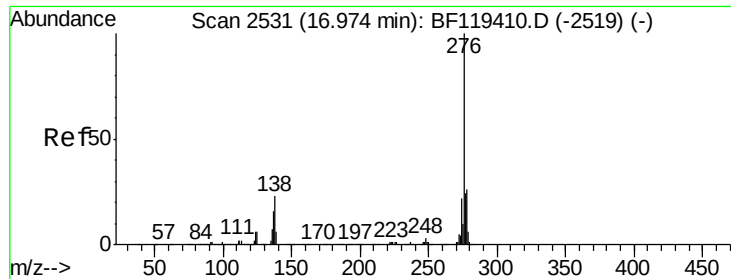
Delta R.T. -0.02 min

Lab File: BF119756.D

Acq: 4 Apr 2020 10:18

Tgt Ion:	228	Resp:	200037
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.4	38.0
229	22.8	16.6	24.8





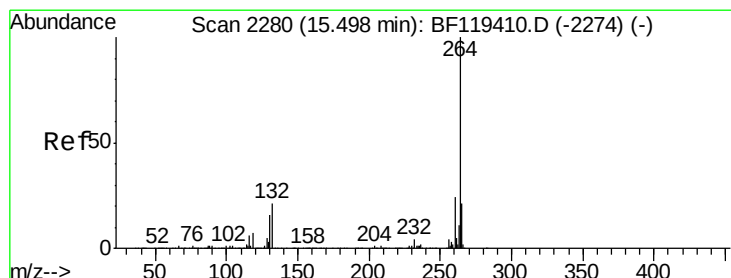
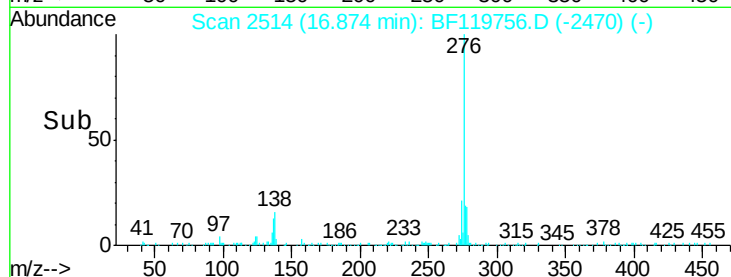
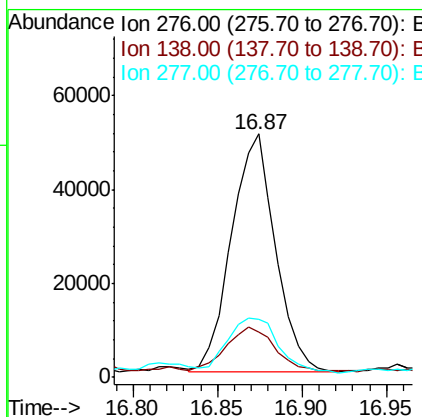
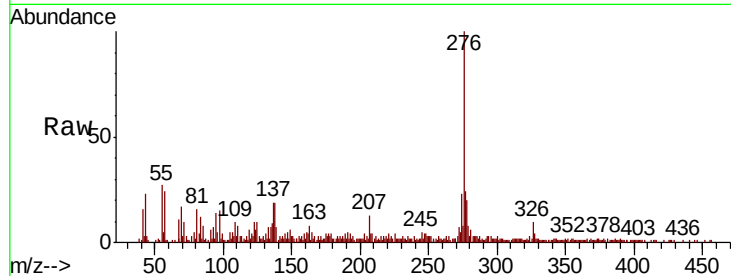
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.508 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.04 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.6	29.4
277	26.9	20.0	30.0

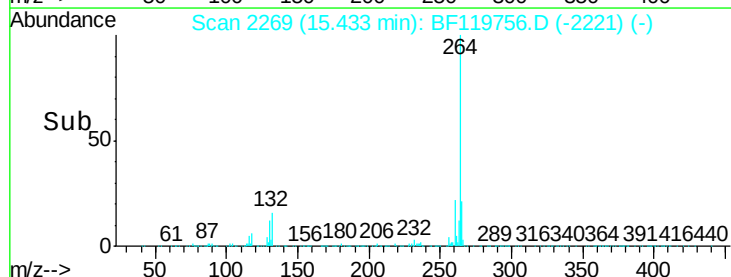
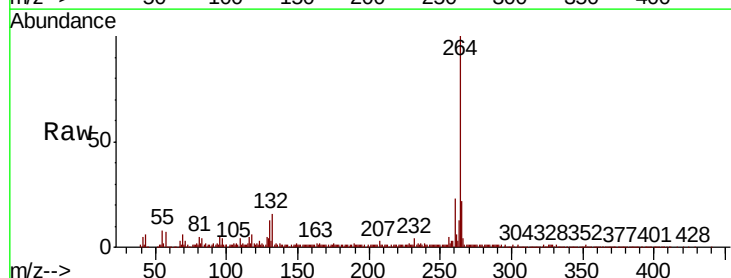
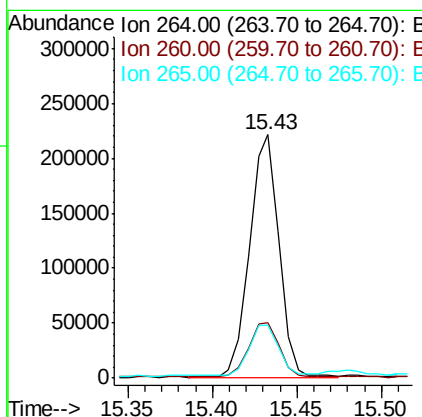
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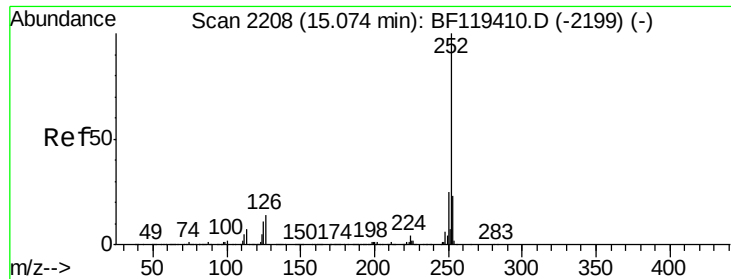
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.8	17.7	26.5





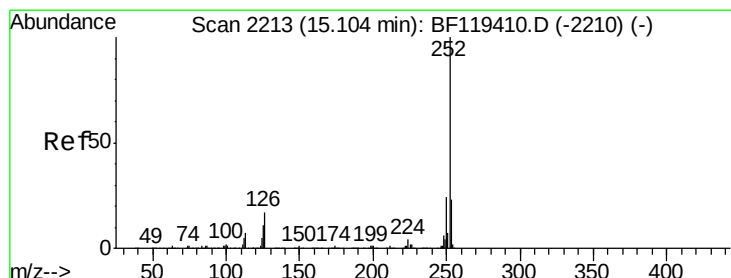
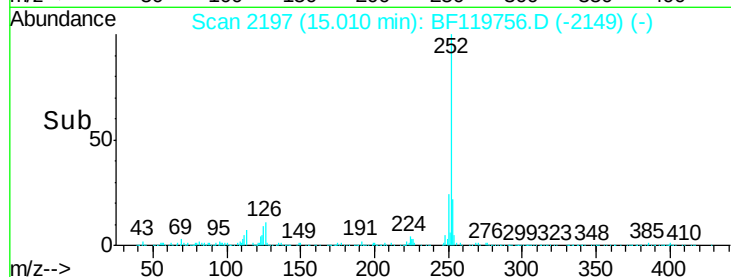
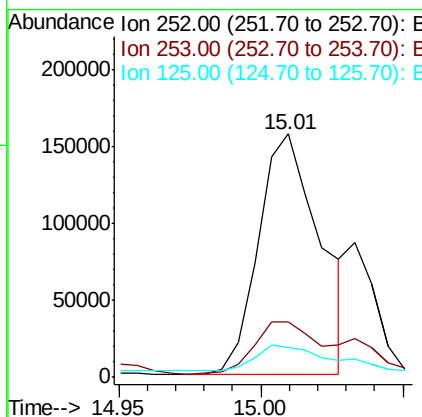
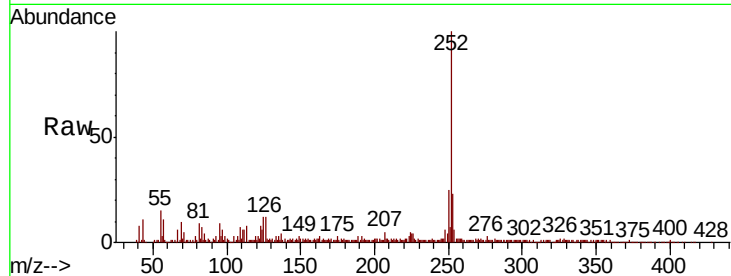
#88
Benzo(b)fluoranthene
Concen: 13.337 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	12.2	7.9	11.9

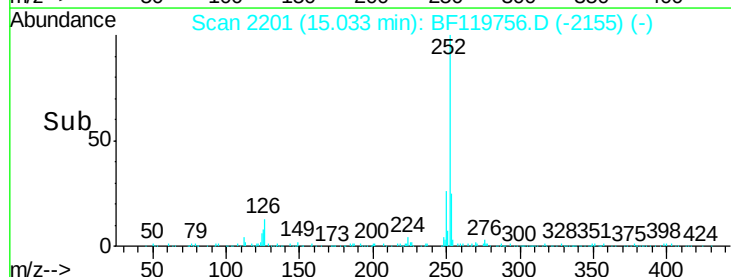
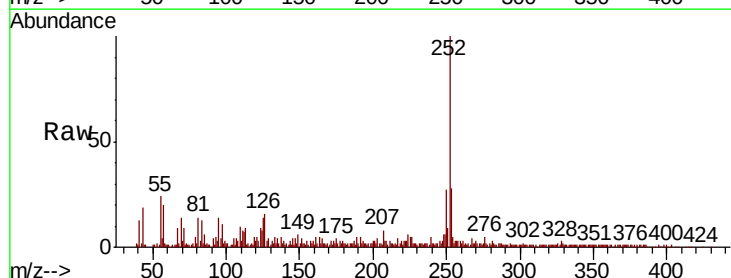
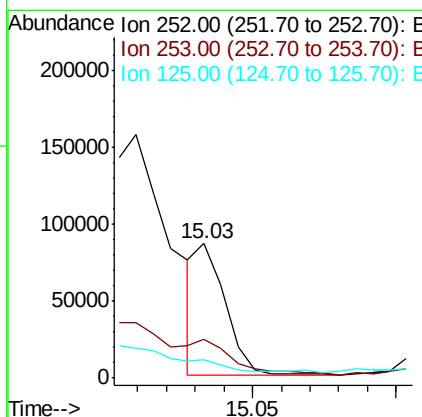
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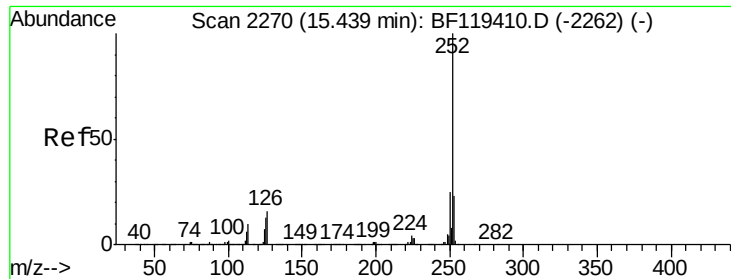
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.564 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.8	26.6
125	13.8	8.4	12.6





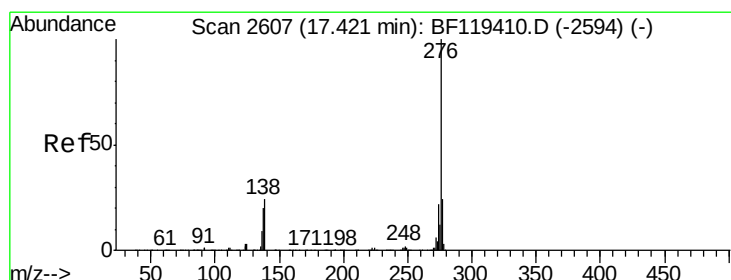
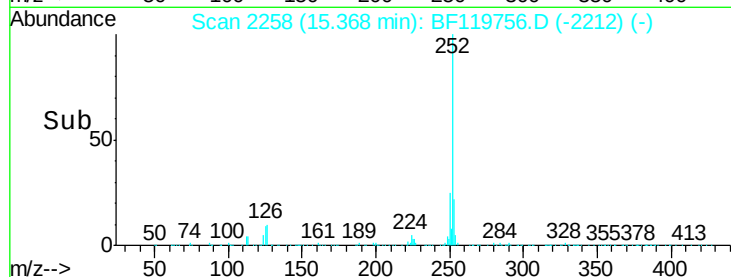
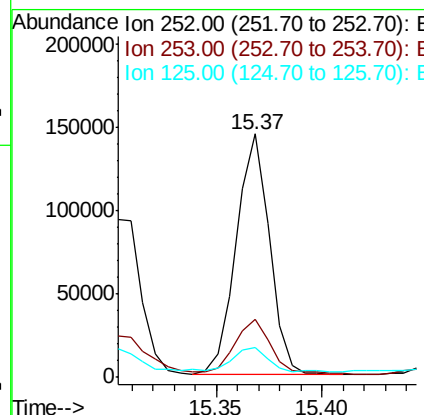
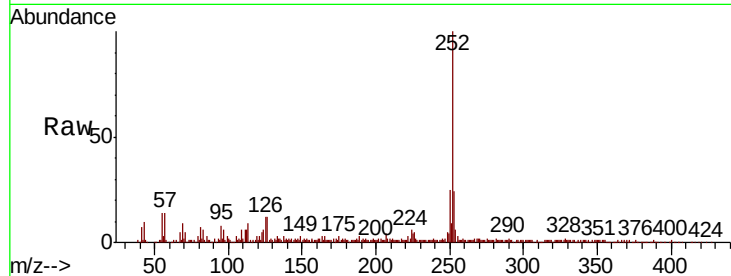
#90
Benzo(a)pyrene
Concen: 9.721 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.03 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	12.2	9.4	14.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.430 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.05 min
Lab File: BF119756.D
Acq: 4 Apr 2020 10:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.6	18.4	27.6
138	24.6	15.4	23.0#

