

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119424.D
 Acq On : 18 Mar 2020 19:30
 Operator : CG/JU
 Sample : L1942-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-SA

Manual Integrations
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Quant Time: Mar 19 05:17:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	361769	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1387704	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	689911	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1242815	20.00	ng	0.00
76) Chrysene-d12	14.03	240	707826	20.00	ng	0.00
87) Perylene-d12	15.50	264	660212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2396820	105.47	ng	0.01
7) Phenol-d6	6.47	99	3092311	106.52	ng	0.00
23) Nitrobenzene-d5	7.42	82	1869045	73.20	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	759379	106.69	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3169907	68.07	ng	0.00
79) Terphenyl-d14	12.98	244	2983732	82.59	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.61	163	681854	13.914	ng	99
71) Phenanthrene	11.41	178	746095	11.578	ng	98
72) Anthracene	11.46	178	207344	3.166	ng	96
75) Fluoranthene	12.60	202	1050934	15.069	ng	100
78) Pyrene	12.83	202	977833	16.833	ng	98
81) Benzo(a)anthracene	14.02	228	401360	8.720	ng	97
83) Chrysene	14.05	228	330933	6.966	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	225215	5.034	ng	95
88) Benzo(b)fluoranthene	15.06	252	399548m	9.060	ng	
89) Benzo(k)fluoranthene	15.09	252	152169m	3.624	ng	
90) Benzo(a)pyrene	15.43	252	326186	8.139	ng	100
92) Benzo(a,h,i)perylene	17.40	276	223237	6.339	ng	97

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

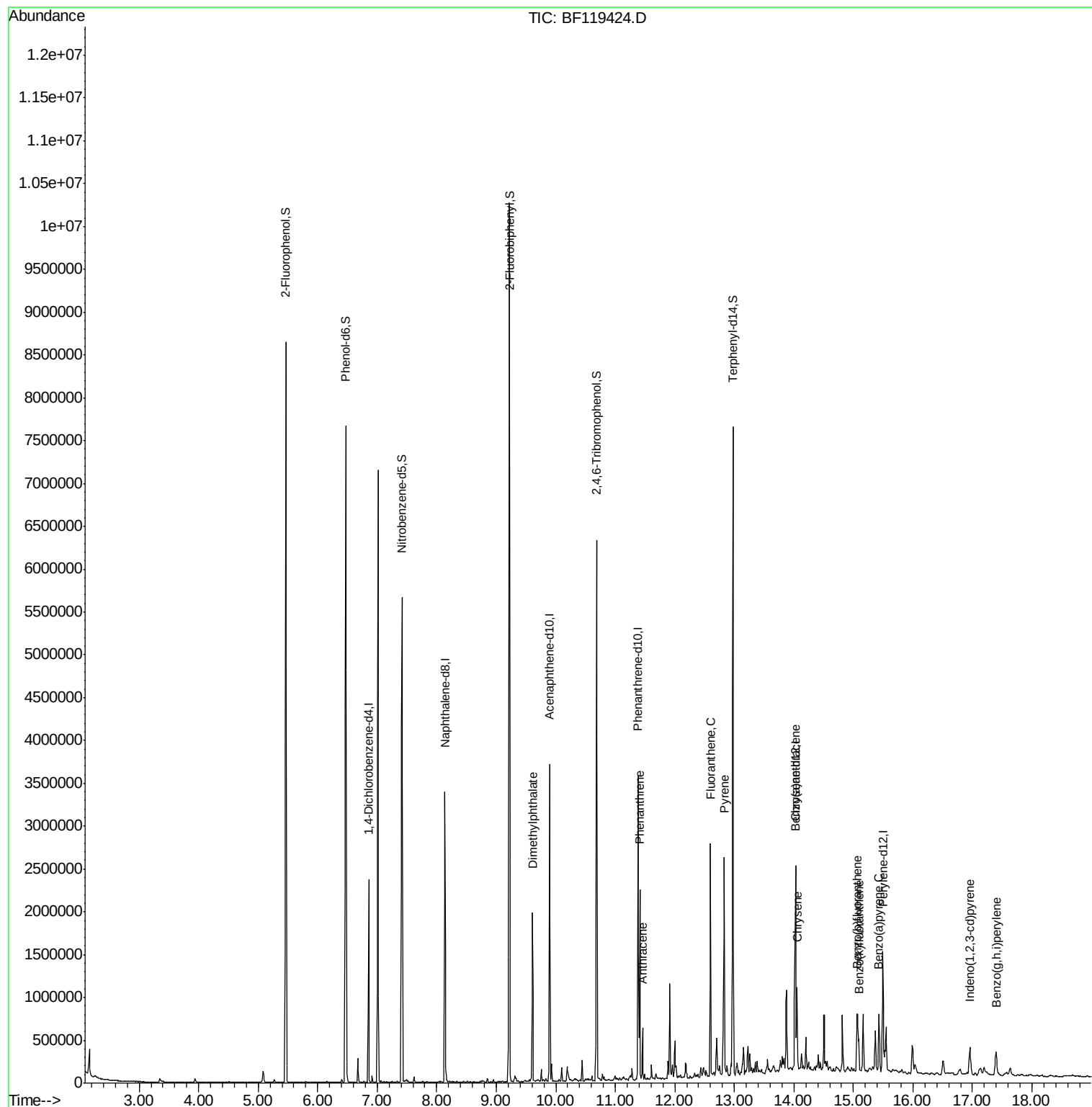
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119424.D
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Sample : L1942-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

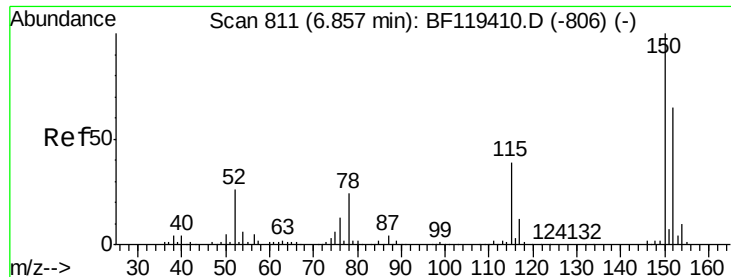
Instrument :
BNA_F
ClientSampleId :
TP-3-SA

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

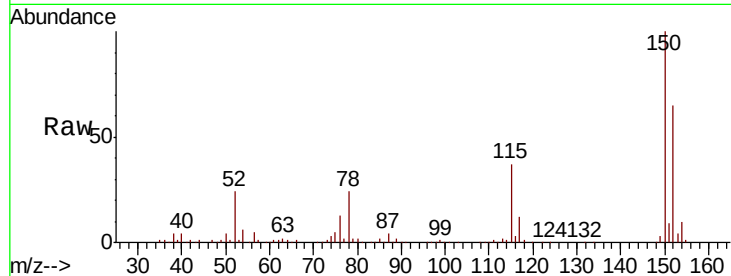
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Instrument :
BNA_F
ClientSampleId :
TP-3-SA

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.9	185.9
115	57.5	47.8	71.6

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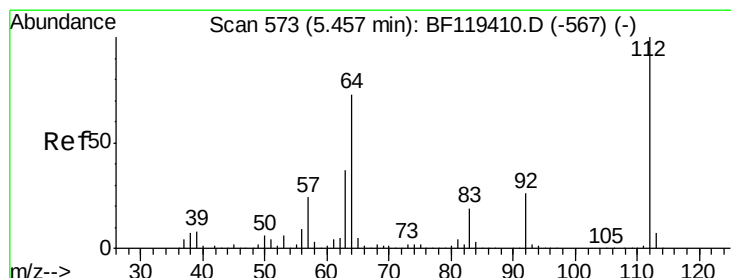
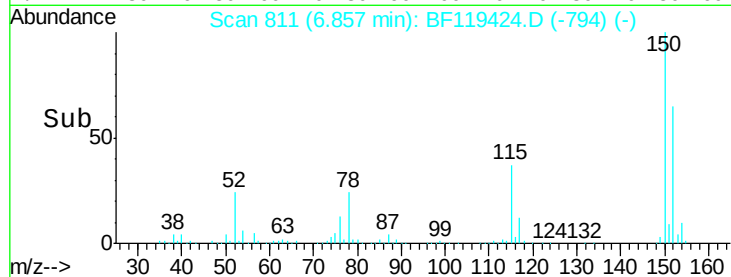
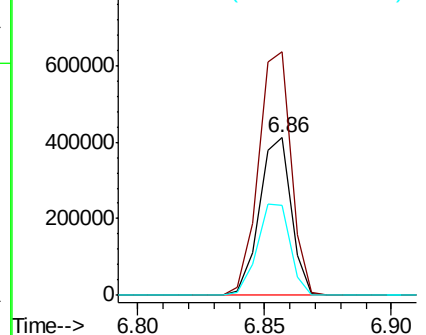


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

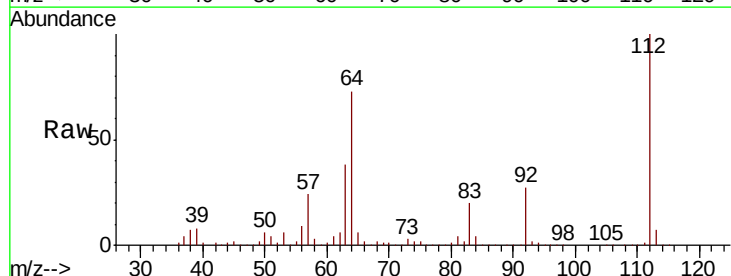
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.468 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	58.1	87.1
63	38.2	29.7	44.5

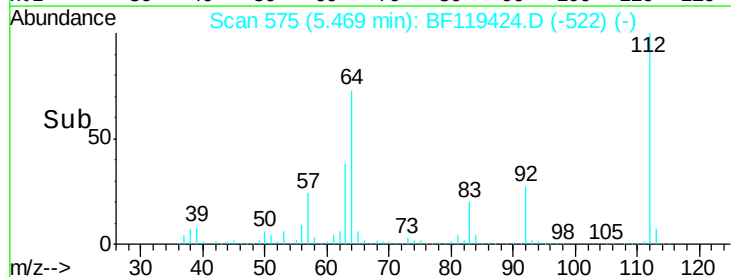
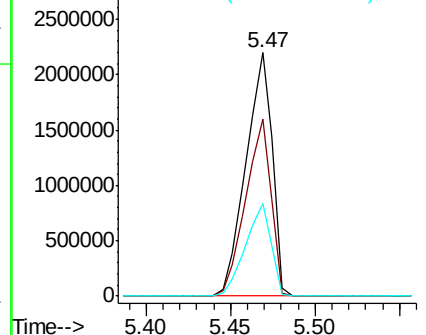


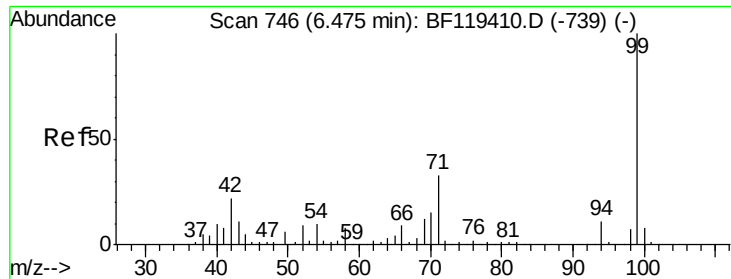
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.520 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119424.D

Acq: 18 Mar 2020 19:30

Instrument :

BNA_F

ClientSampleId :

TP-3-SA

Tot Ion: 99 Resp: 3092311

Ion Ratio Lower Upper

99 100

42 22.5 17.8 26.6

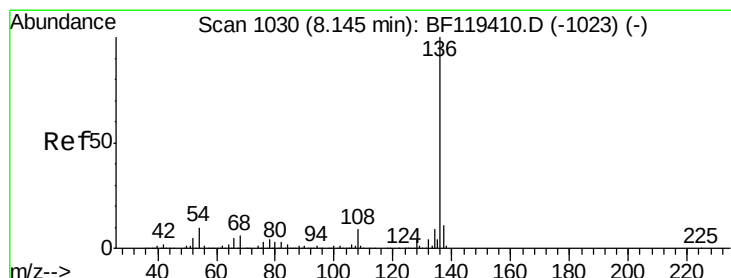
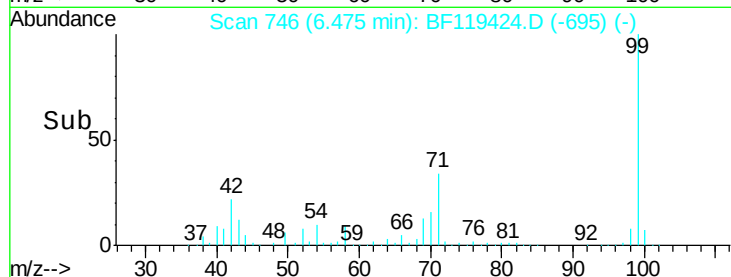
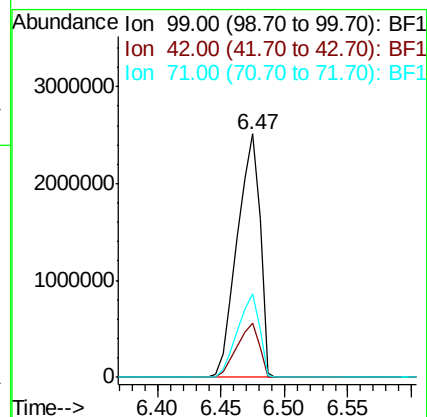
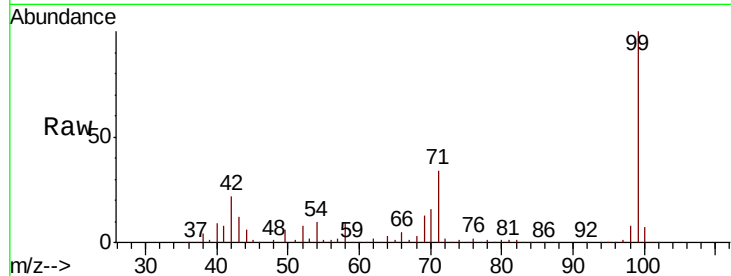
71 34.3 26.0 39.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119424.D

Acq: 18 Mar 2020 19:30

Tgt Ion: 136 Resp: 1387704

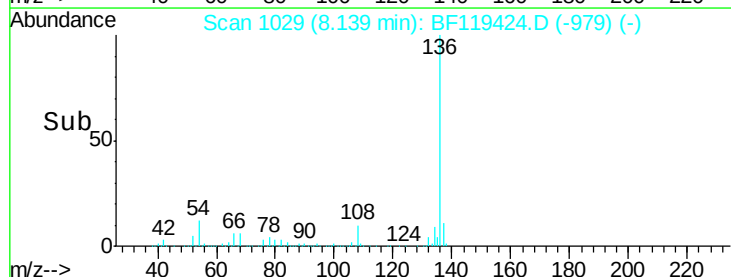
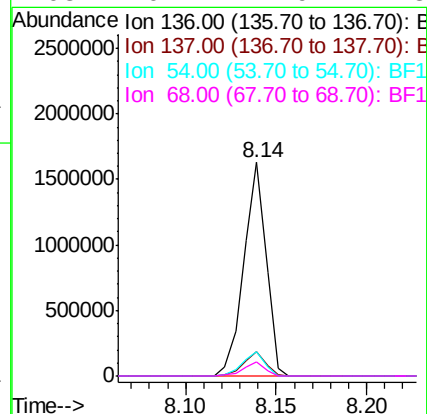
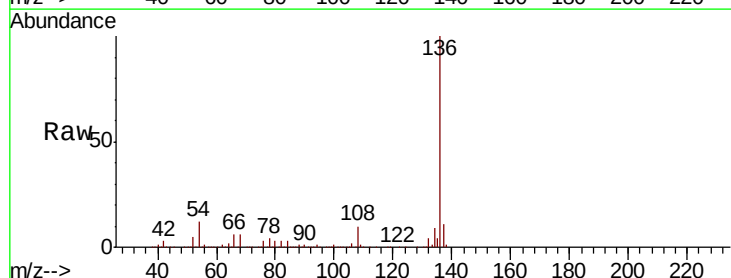
Ion Ratio Lower Upper

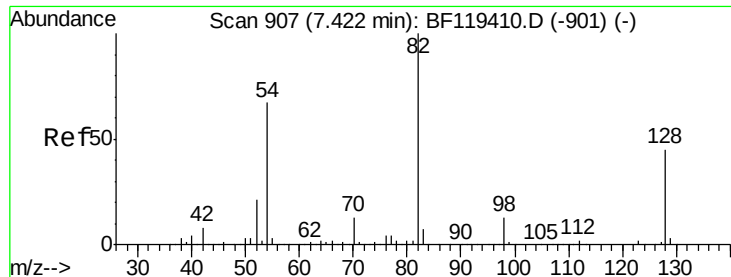
136 100

137 11.2 8.4 12.6

54 11.5 8.3 12.5

68 6.4 4.9 7.3





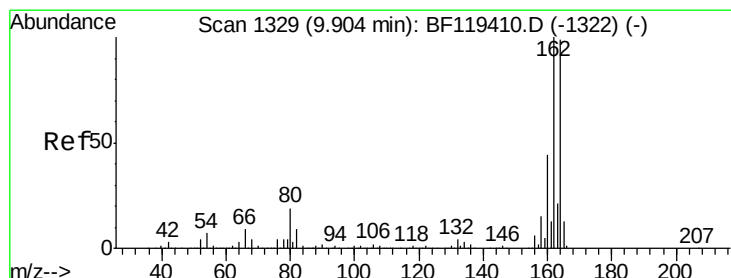
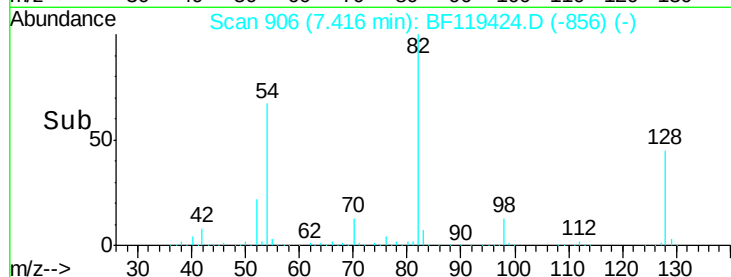
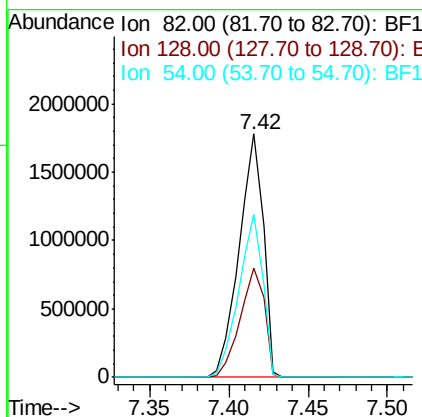
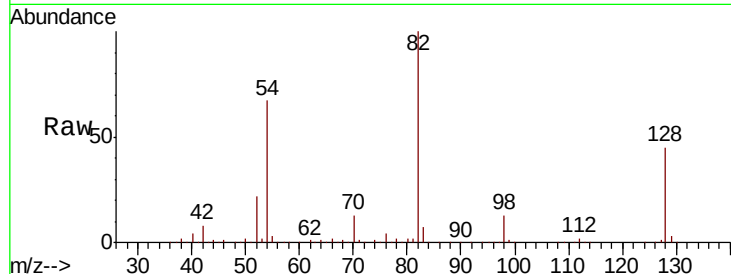
#23
Nitrobenzene-d5
Concen: 73.199 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Instrument :
BNA_F
ClientSampleId :
TP-3-SA

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.8	53.8
54	67.1	53.4	80.0

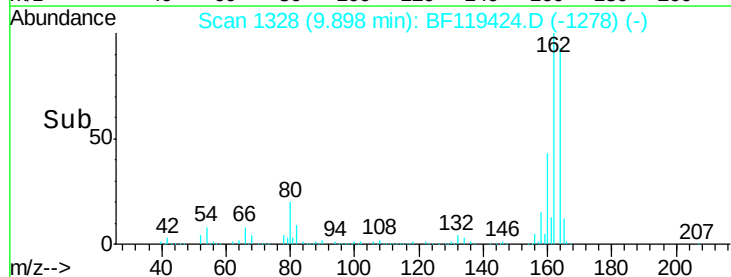
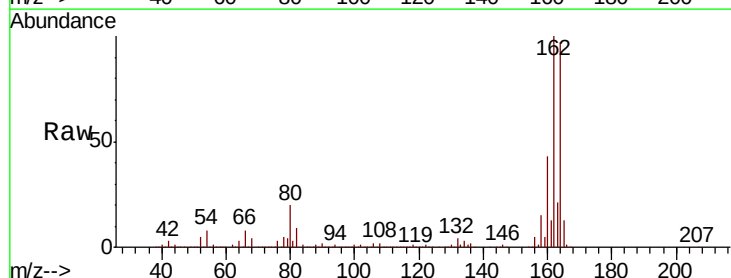
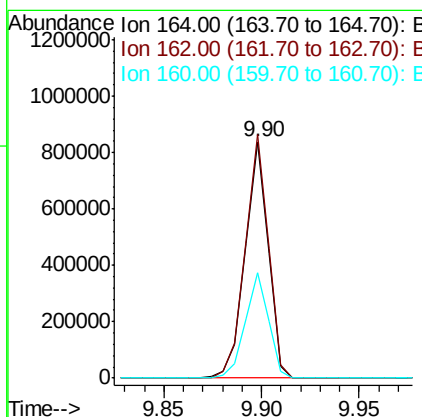
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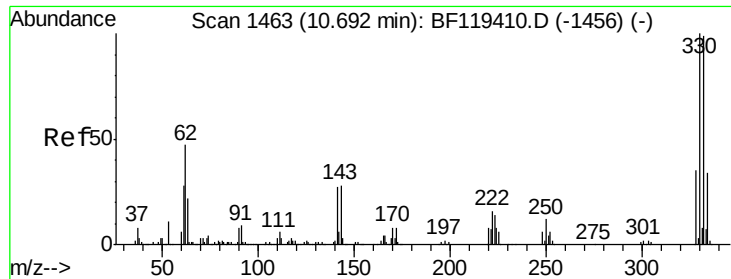
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.7	121.1
160	44.5	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 106.691 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119424.D

Acq: 18 Mar 2020 19:30

Instrument :

BNA_F

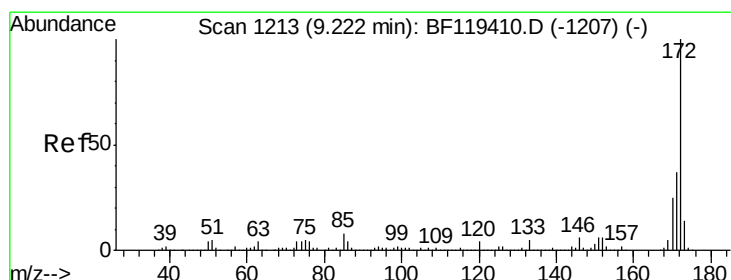
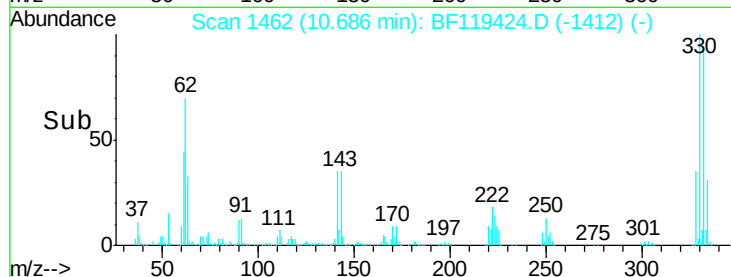
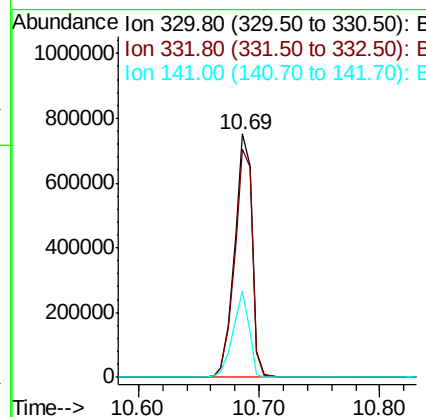
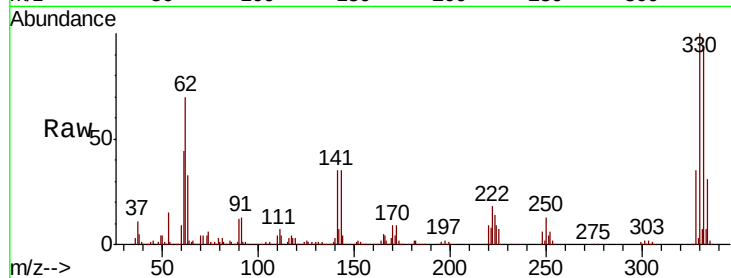
ClientSampled :

TP-3-SA

Tot Ion:	330	Resp:	759379
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.6	116.4
141	32.7	26.6	40.0

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#45

2-Fluorobiphenyl

Concen: 68.069 ng

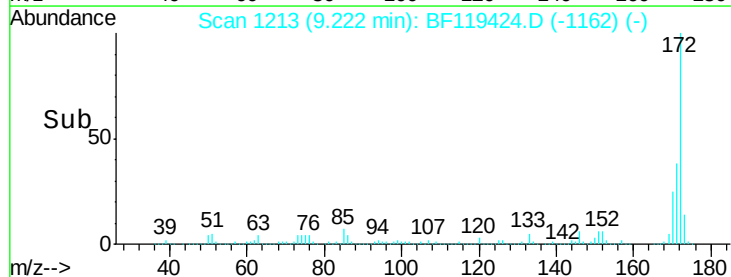
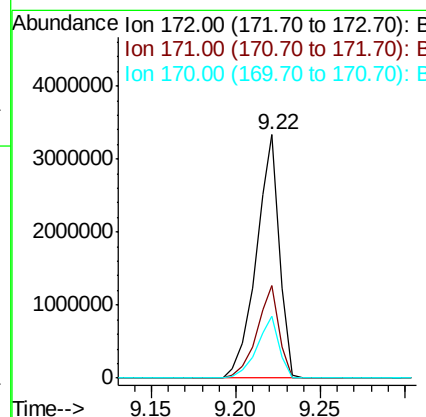
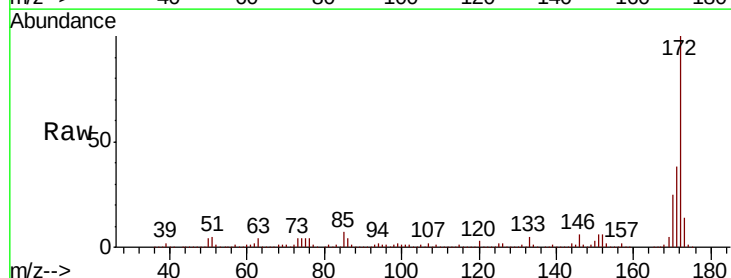
RT: 9.22 min Scan# 1213

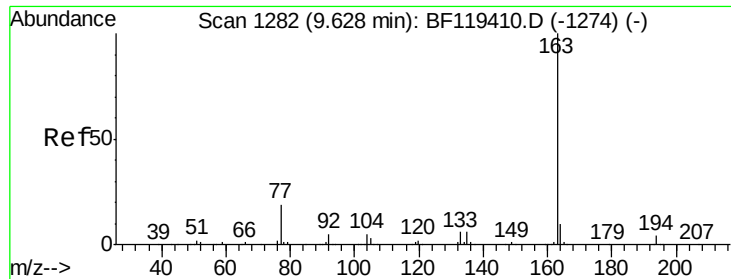
Delta R.T. -0.00 min

Lab File: BF119424.D

Acq: 18 Mar 2020 19:30

Tgt Ion:	172	Resp:	3169907
Ion Ratio	Lower	Upper	
172	100		
171	38.0	29.9	44.9
170	25.3	20.1	30.1





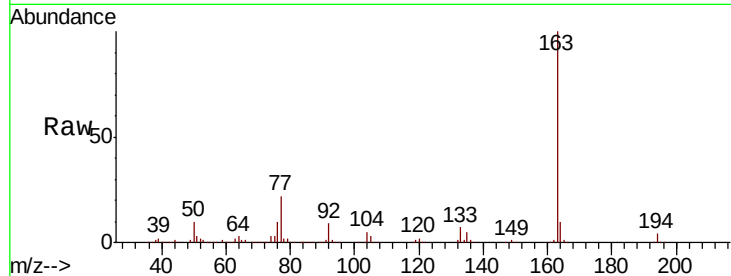
#50
Dimethylphthalate
Concen: 13.914 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Instrument :
BNA_F
ClientSampleId :
TP-3-SA

Tot Ion	Ratio	Resp	Lower	Upper
163	100	681854		
194	3.9		3.2	4.8
164	10.5		8.1	12.1

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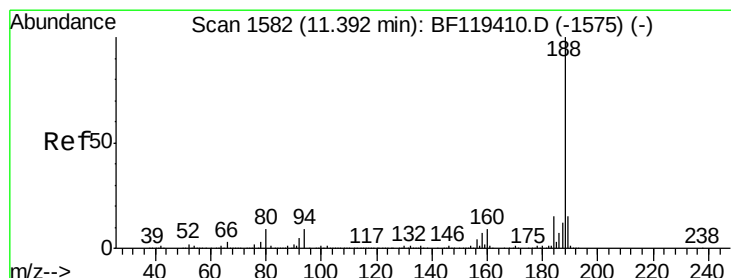
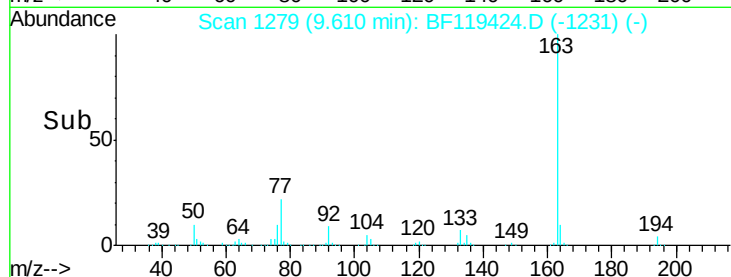
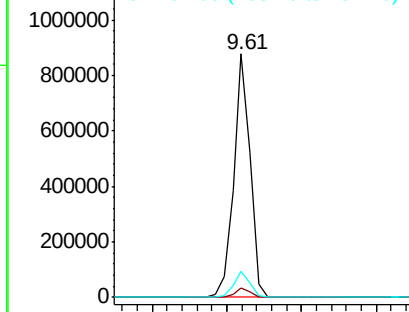


Abundance

Ion 163.00 (162.70 to 163.70): E

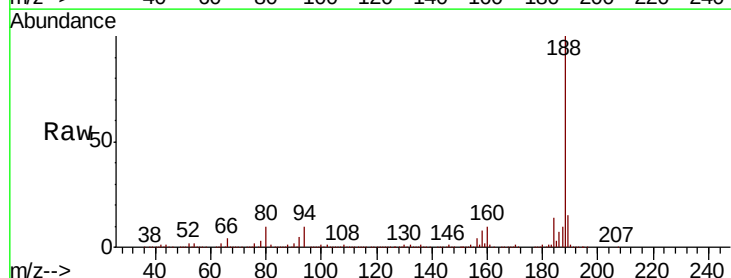
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1242815		
94	9.7		7.1	10.7
80	10.0		7.5	11.3

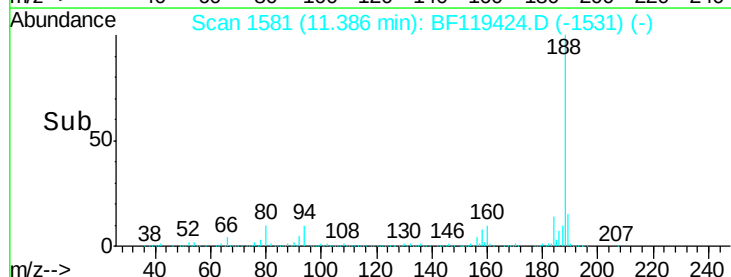
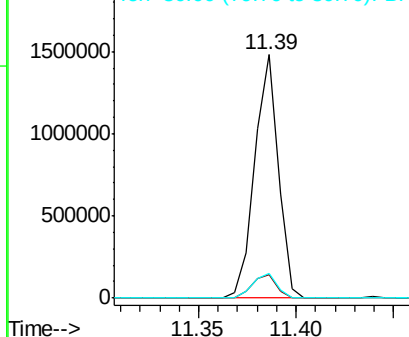


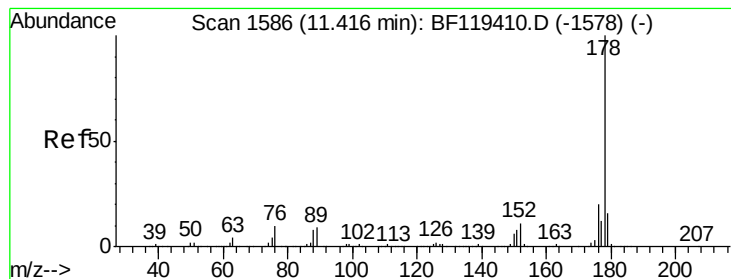
Abundance

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: 11.578 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119424.D

Acq: 18 Mar 2020 19:30

Instrument :

BNA_F

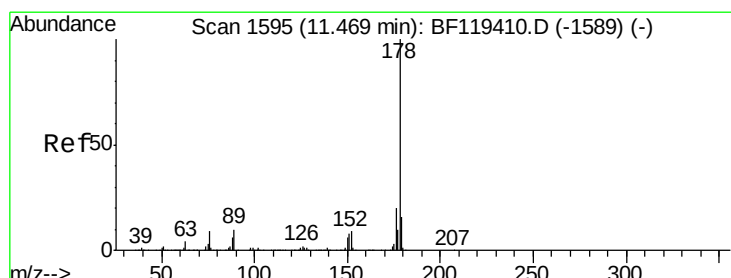
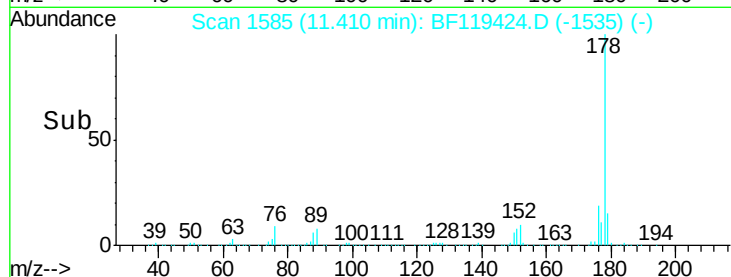
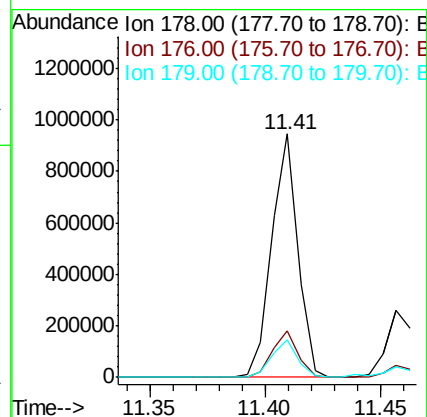
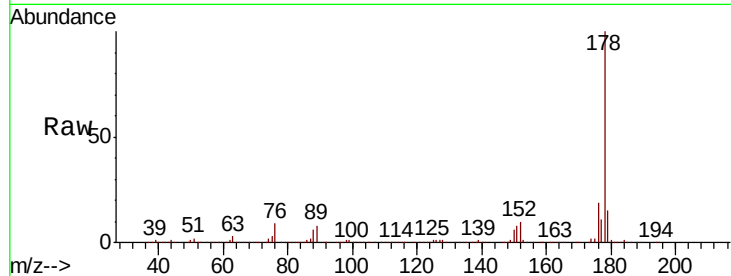
ClientSampleId :

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Tot Ion:178	Resp:	746095
Ion Ratio	Lower	Upper
178	100	
176	19.3	16.2 24.4
179	15.4	12.9 19.3

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#72

Anthracene

Concen: 3.166 ng

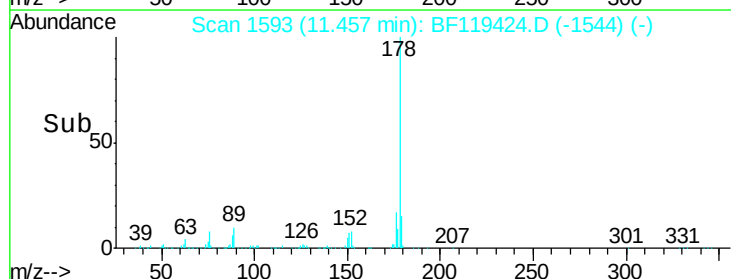
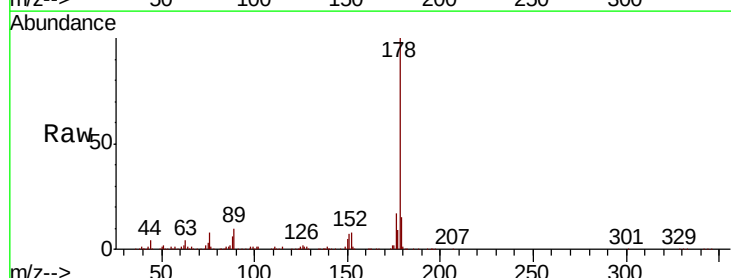
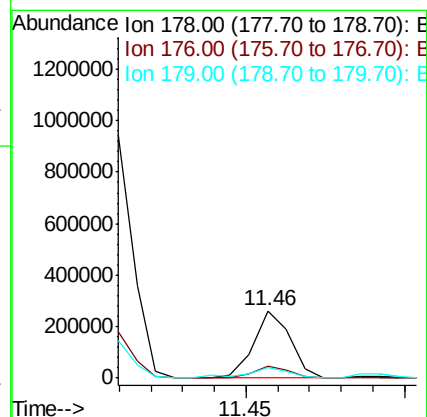
RT: 11.46 min Scan# 1593

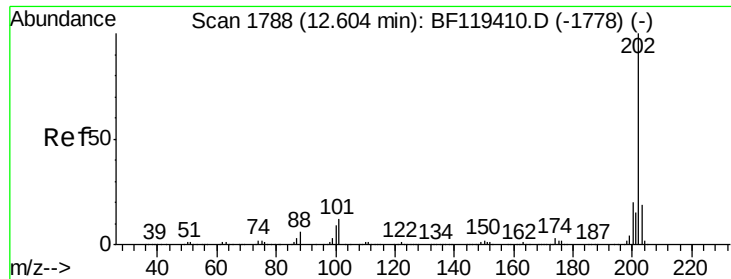
Delta R.T. -0.01 min

Lab File: BF119424.D

Acq: 18 Mar 2020 19:30

Tgt Ion:178	Resp:	207344
Ion Ratio	Lower	Upper
178	100	
176	17.5	15.6 23.4
179	15.4	13.1 19.7





#75

Fluoranthene

Concen: 15.069 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119424.D

Acq: 18 Mar 2020 19:30

Instrument :

BNA_F

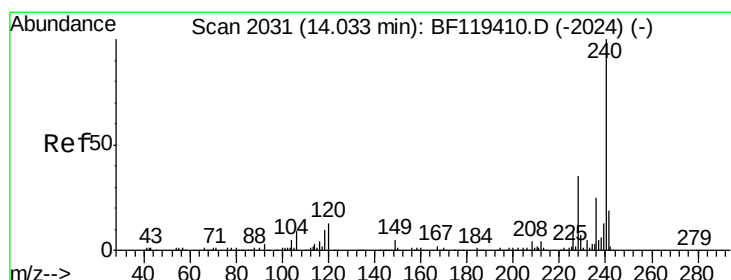
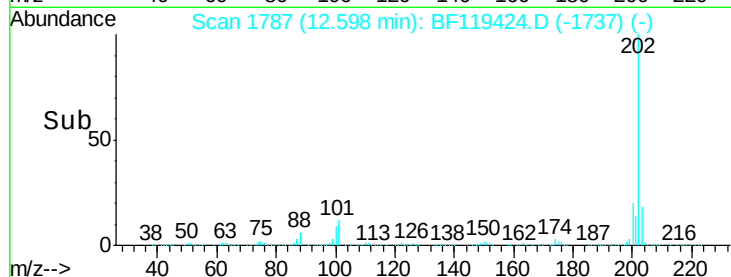
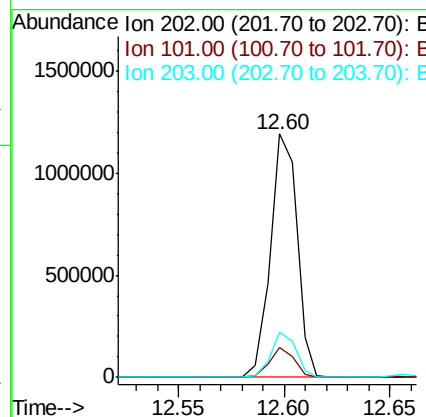
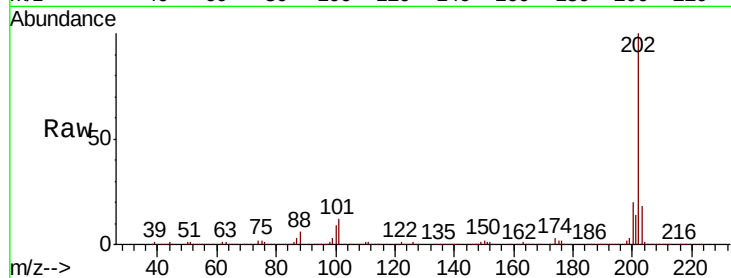
ClientSampleId :

TP-3-SA

Tot Ion:	202	Resp:	1050934
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.4
203	18.4	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

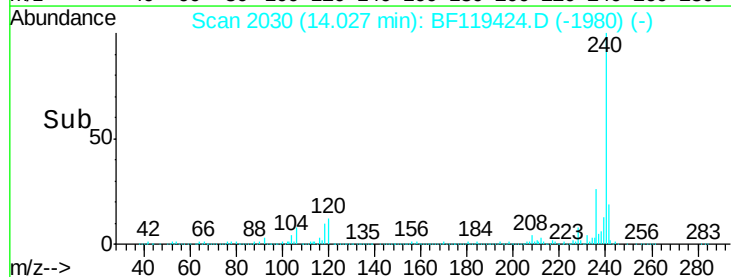
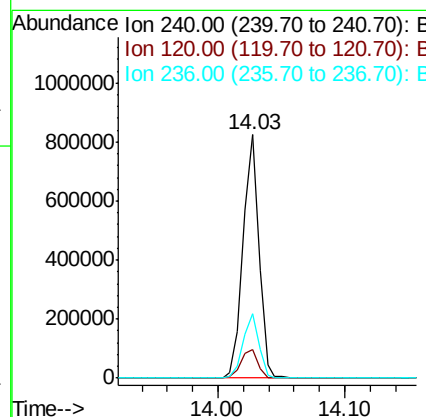
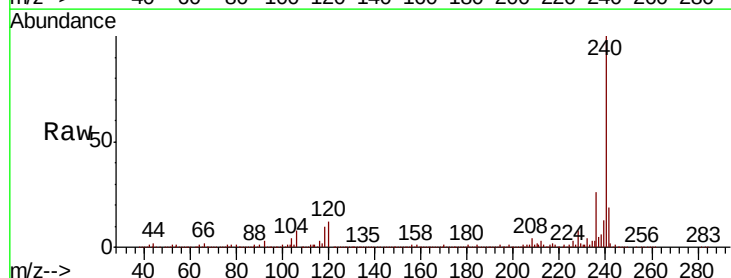
RT: 14.03 min Scan# 2030

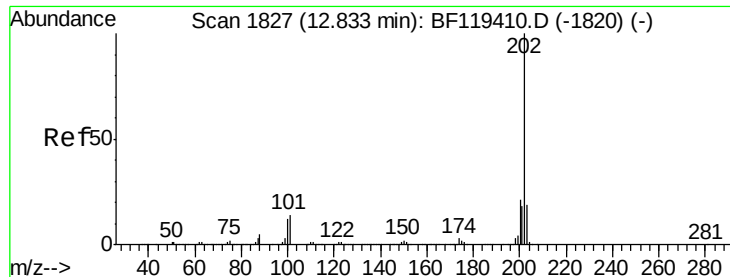
Delta R.T. -0.01 min

Lab File: BF119424.D

Acq: 18 Mar 2020 19:30

Tgt Ion:	240	Resp:	707826
Ion Ratio	Lower	Upper	
240	100		
120	11.8	10.2	15.4
236	26.2	20.4	30.6





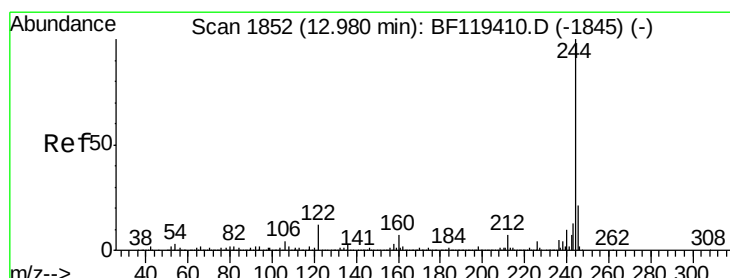
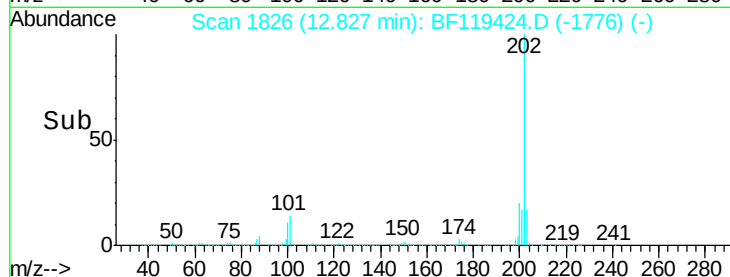
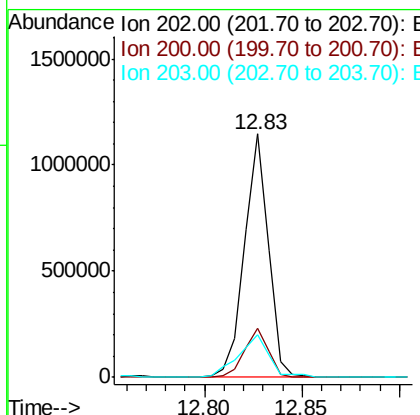
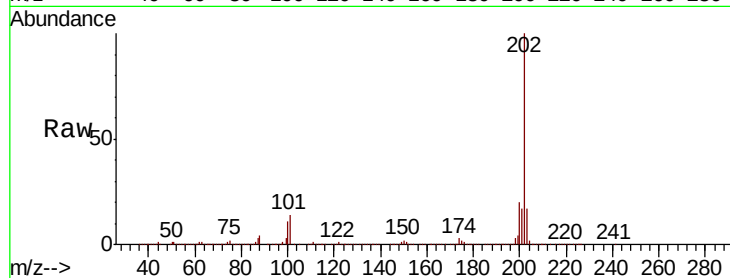
#78
Pvrene
Concen: 16.833 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Instrument :
BNA_F
ClientSampleId :
TP-3-SA

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	17.4	14.8	22.2

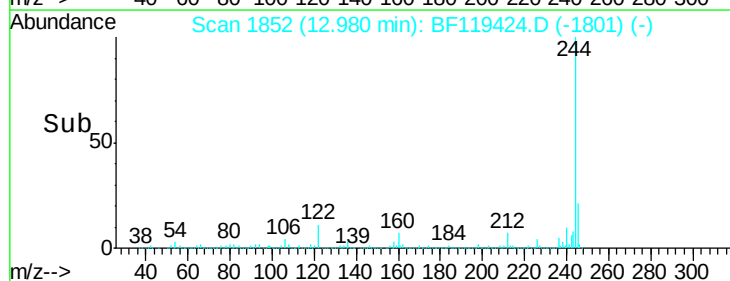
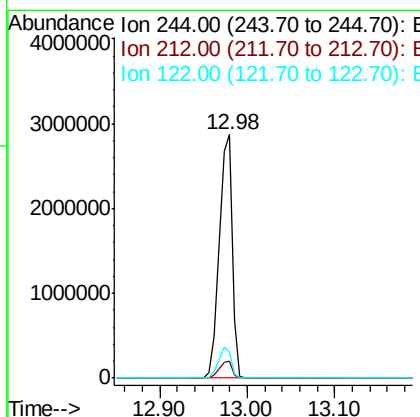
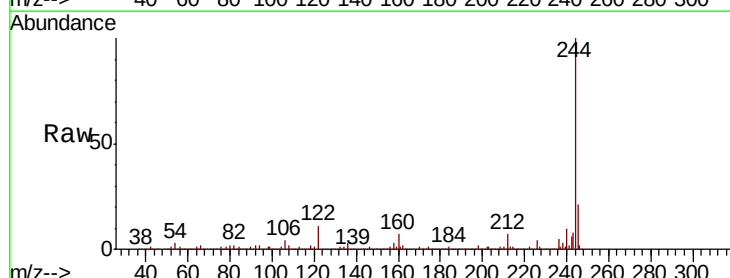
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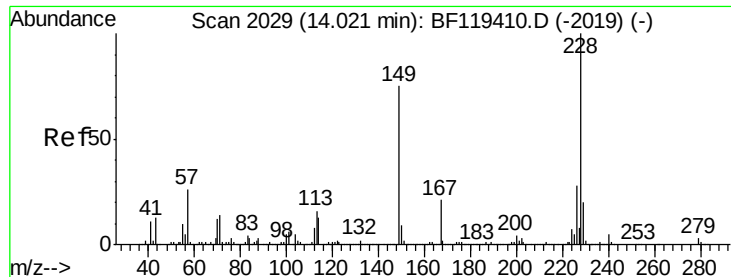
mohammad
3/19/2020 2:44:06 PM



#79
Terphenyl-d14
Concen: 82.588 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.9	9.8	14.8





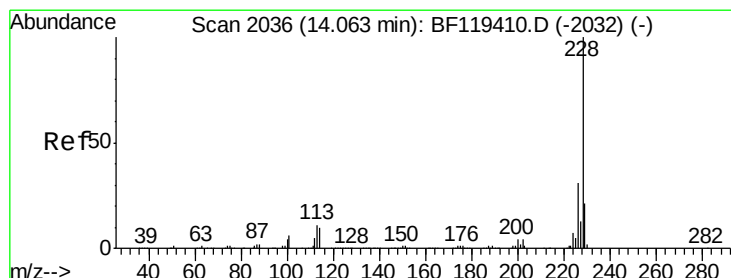
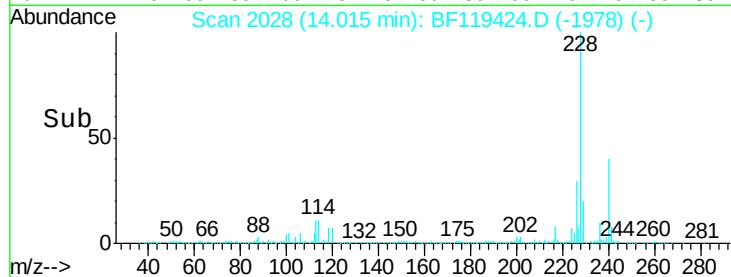
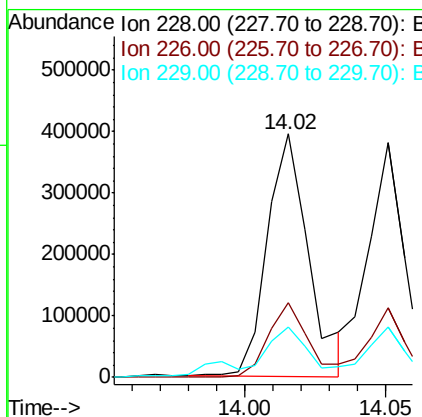
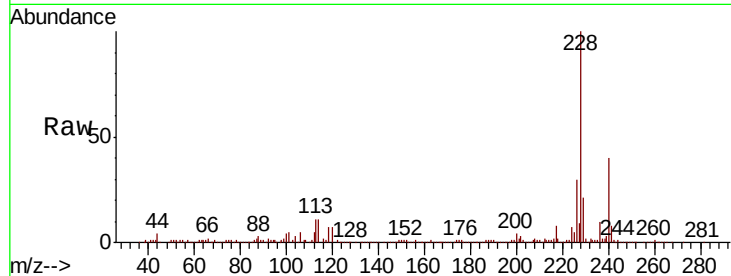
#81
Benzo(a)anthracene
Concen: 8.720 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Instrument :
BNA_F
ClientSampled :
TP-3-SA

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.3	33.5
229	20.7	16.3	24.5

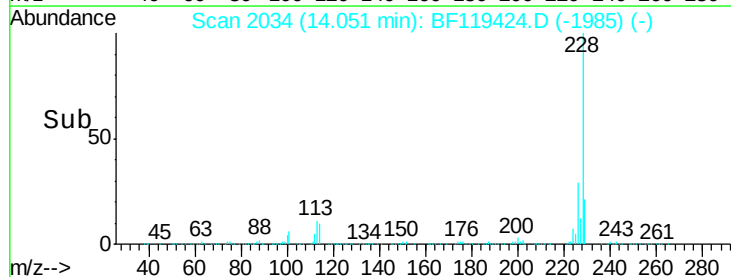
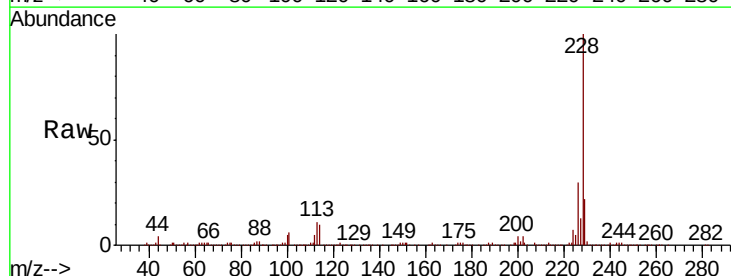
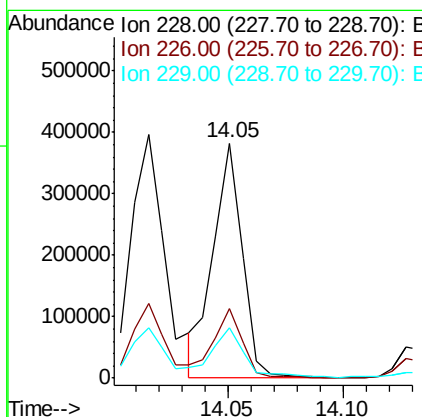
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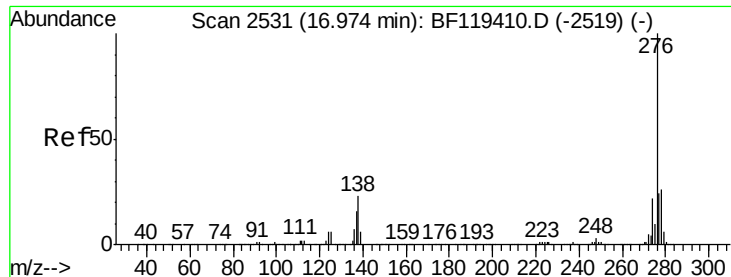
mohammad
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#83
Chrysene
Concen: 6.966 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	21.6	16.6	25.0





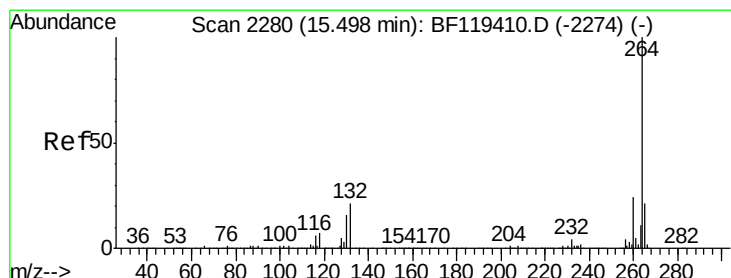
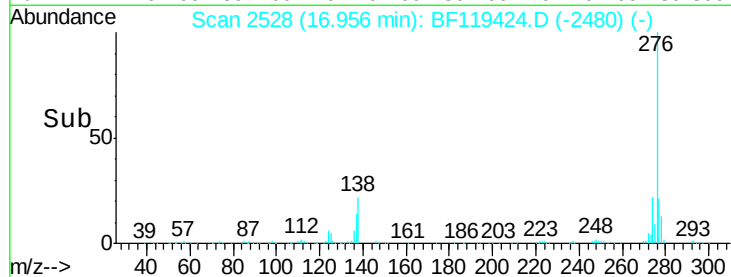
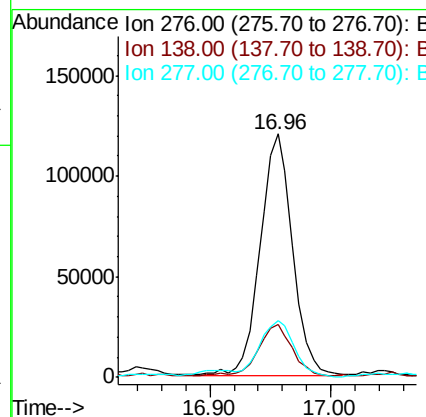
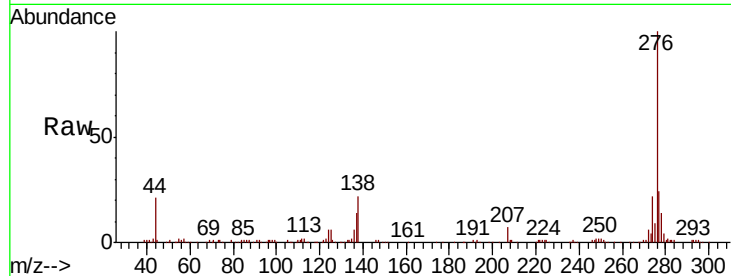
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.034 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BF119424.D
 Acq: 18 Mar 2020 19:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-SA

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.3	31.9
277	24.3	20.2	30.2

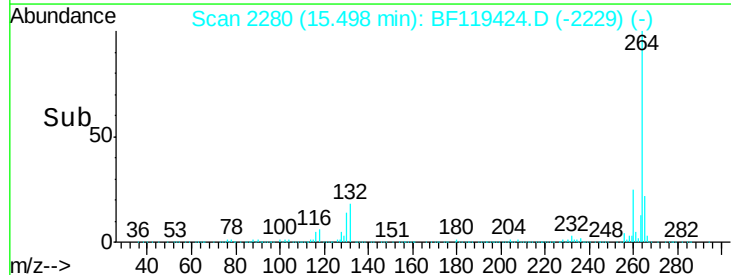
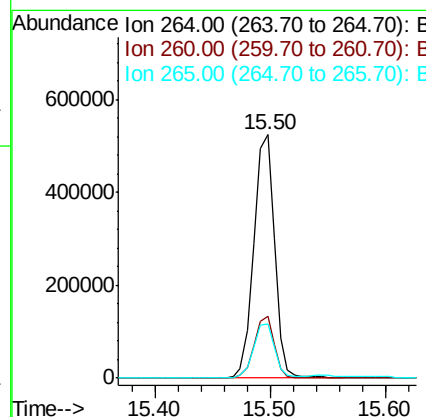
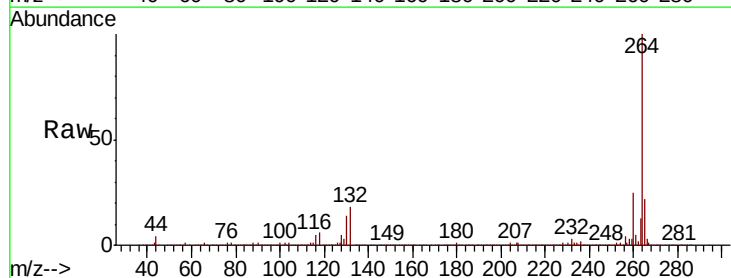
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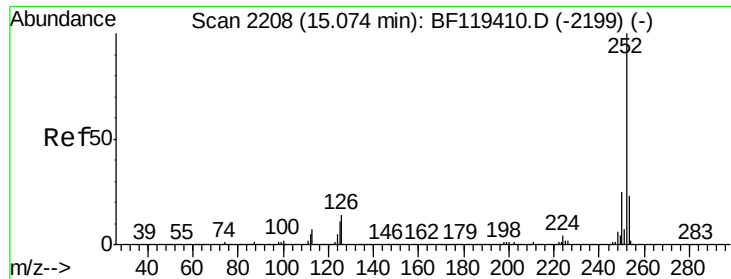
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BF119424.D
 Acq: 18 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.3	16.9	25.3





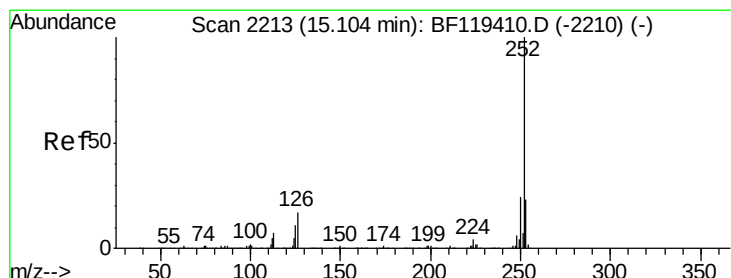
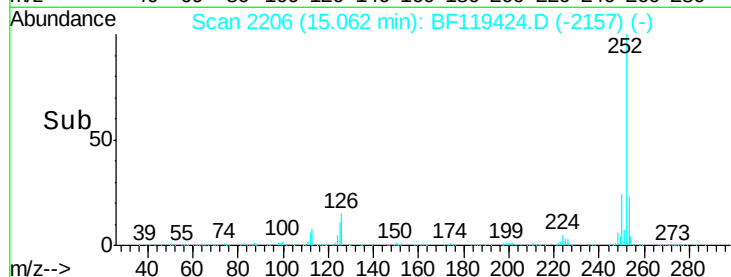
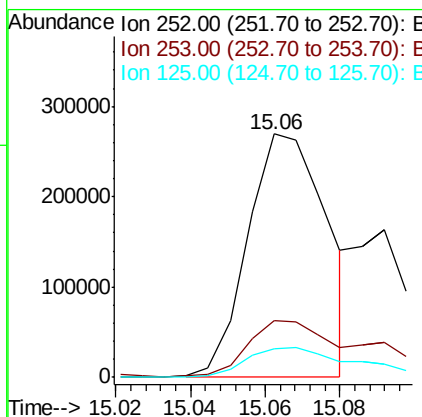
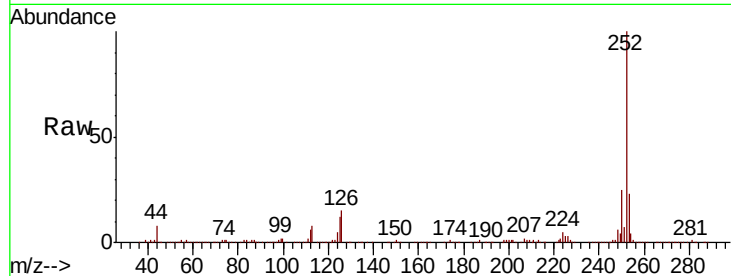
#88
Benzo(b)fluoranthene
Concen: 9.060 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Instrument :
BNA_F
ClientSampleId :
TP-3-SA

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	11.6	8.8	13.2

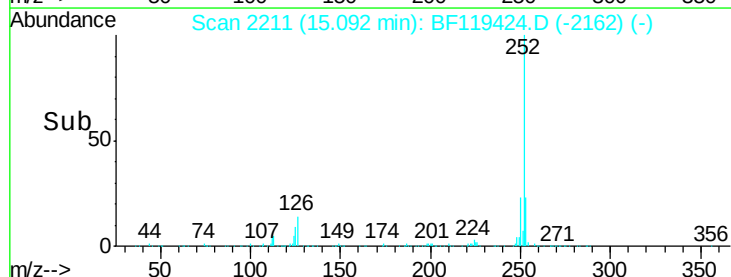
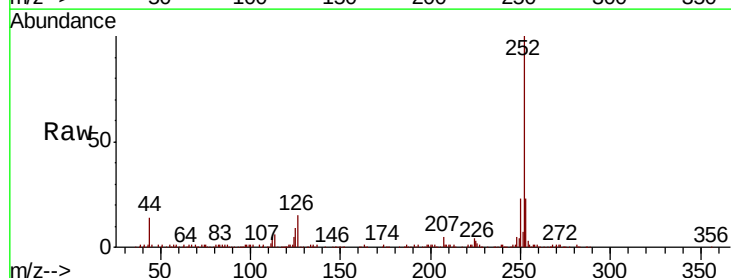
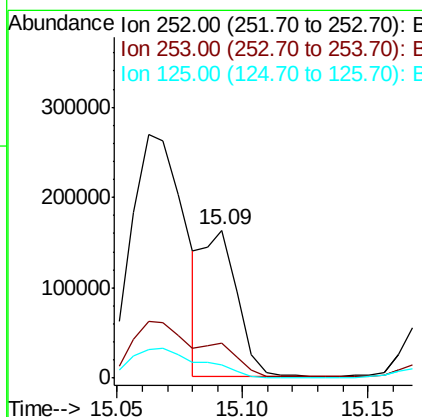
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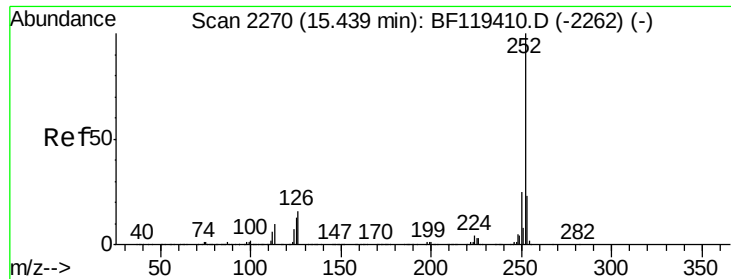
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.624 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	9.3	9.0	13.4





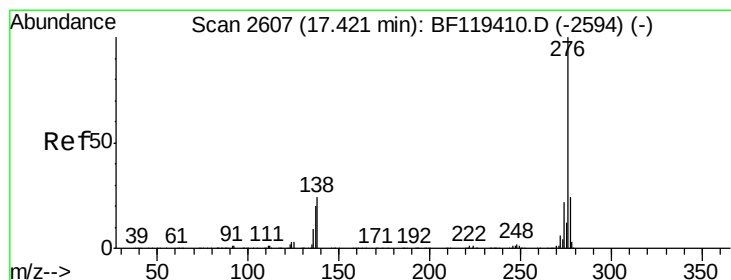
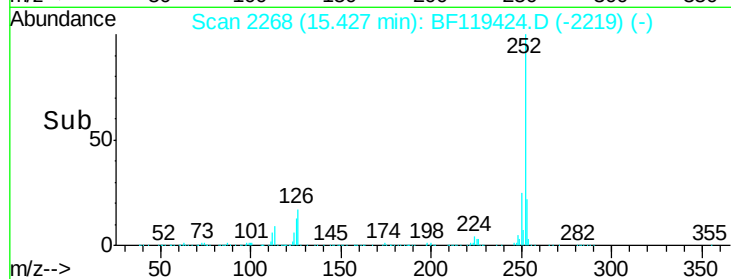
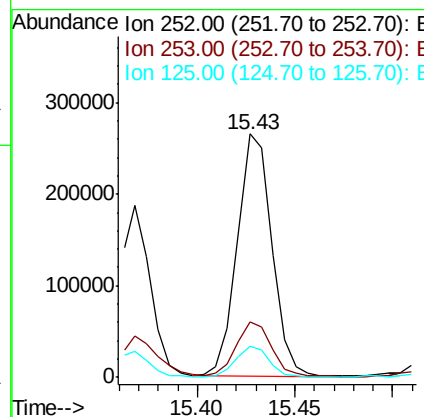
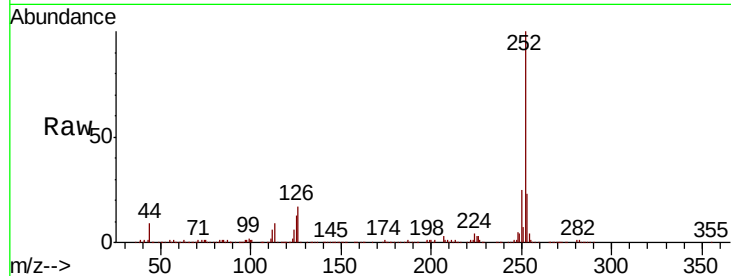
#90
Benzo(a)pyrene
Concen: 8.139 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Instrument :
BNA_F
ClientSampleId :
TP-3-SA

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.8	10.2	15.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.339 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF119424.D
Acq: 18 Mar 2020 19:30

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	22.7	18.8	28.2
138	22.2	19.1	28.7

