

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
 Data File : BF119643.D
 Acq On : 30 Mar 2020 19:53
 Operator : MA/SJ
 Sample : L2042-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-1.0-1.5

Manual Integrations
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Quant Time: Mar 31 01:40:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	292775	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1034425	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	466958	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	720164	20.00	ng	0.00
76) Chrysene-d12	14.01	240	518644	20.00	ng	0.00
87) Perylene-d12	15.48	264	457780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1729503	94.04	ng	0.00
7) Phenol-d6	6.46	99	2261875	96.28	ng	0.00
23) Nitrobenzene-d5	7.39	82	1076383	56.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	338578	70.28	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2401817	76.20	ng	0.00
79) Terphenyl-d14	12.96	244	1960166	74.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	263943	7.958	ng	98
71) Phenanthrene	11.39	178	118706	3.179	ng	99
75) Fluoranthene	12.58	202	206207	5.102	ng	99
78) Pyrene	12.81	202	182531	4.288	ng	98
81) Benzo(a)anthracene	14.00	228	92133	2.732	ng	95
83) Chrysene	14.04	228	81067	2.329	ng	96
88) Benzo(b)fluoranthene	15.05	252	101034m	3.304	ng	
90) Benzo(a)pyrene	15.42	252	66911	2.408	ng	# 91

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

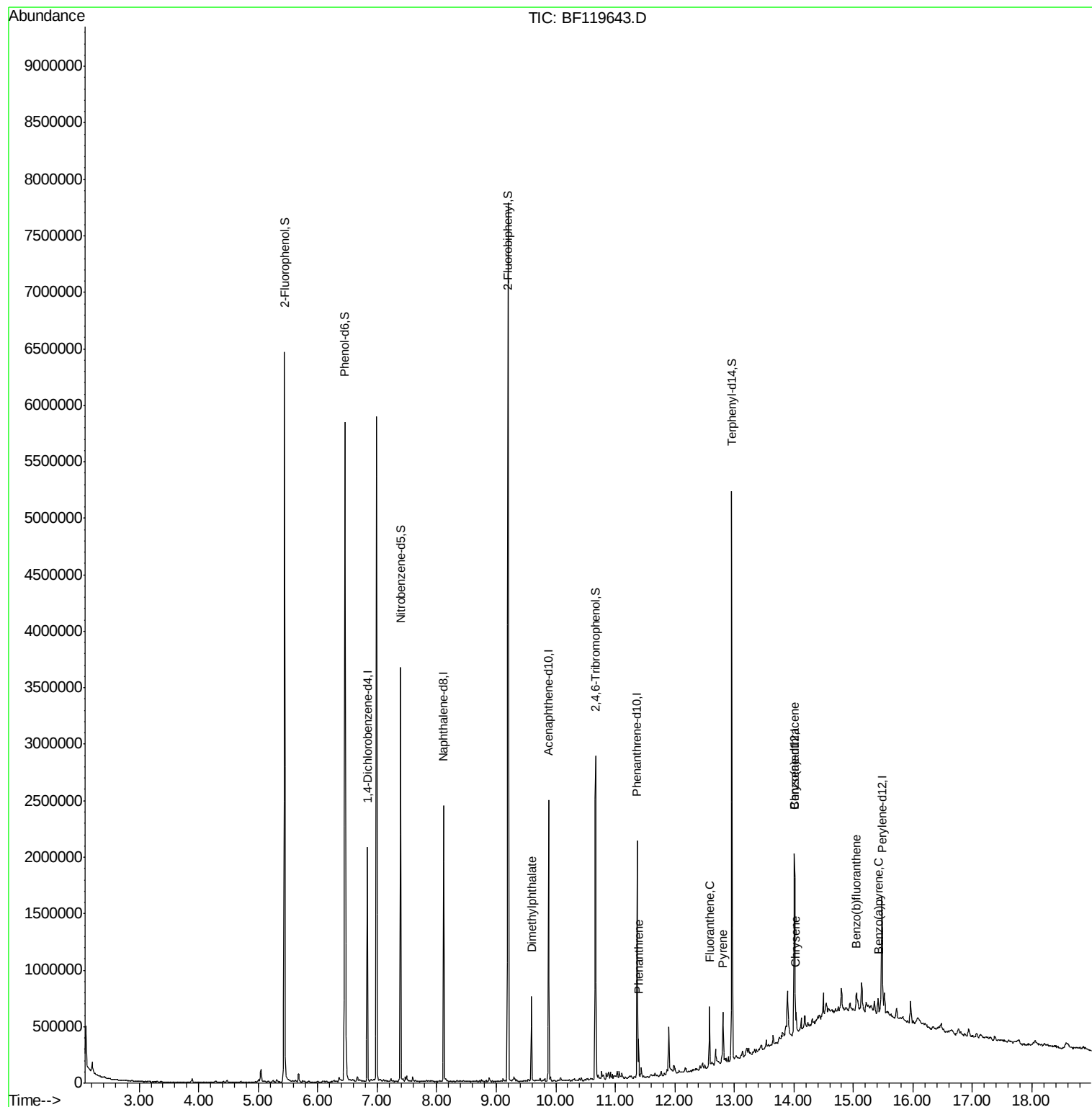
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

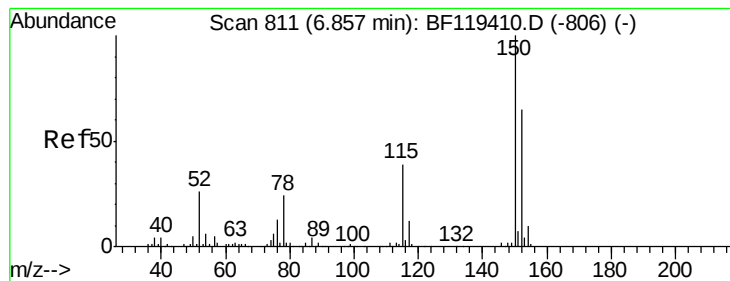
Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

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Quant Time: Mar 31 01:40:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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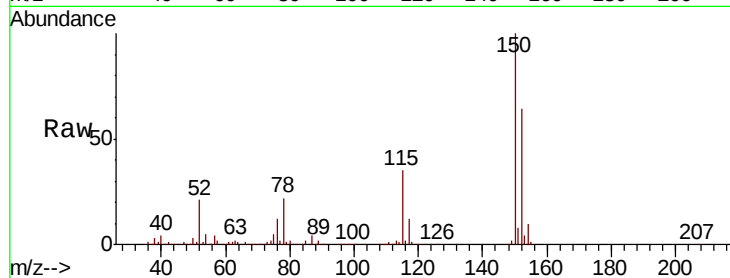
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119643.D
 Acq: 30 Mar 2020 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.5	186.7
115	55.2	49.6	74.4

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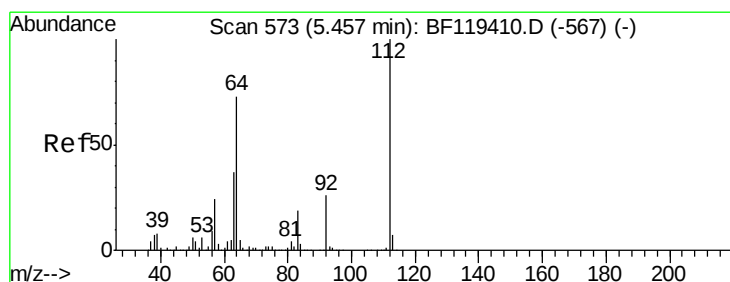
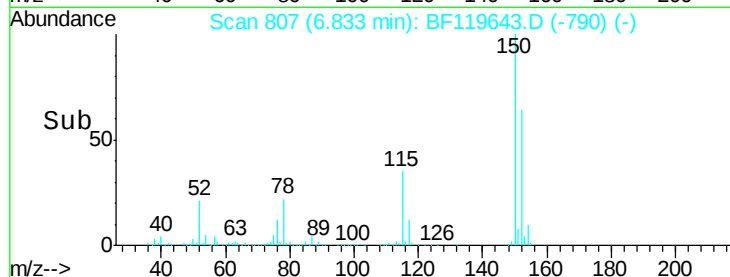
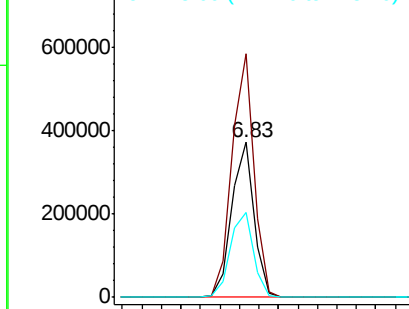


Abundance

Ion 152.00 (151.70 to 152.70): E

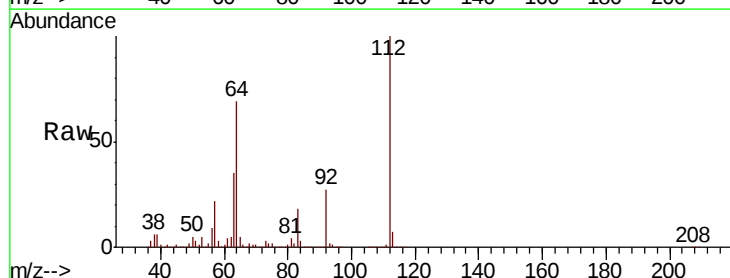
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 94.038 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF119643.D
 Acq: 30 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	56.7	85.1
63	35.5	29.5	44.3

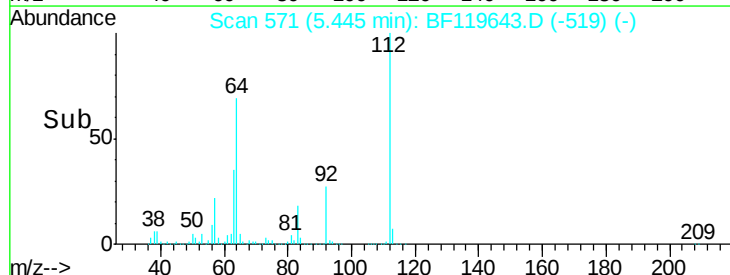
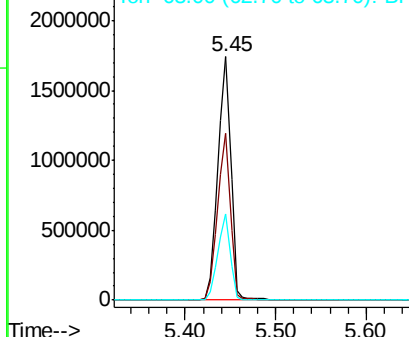


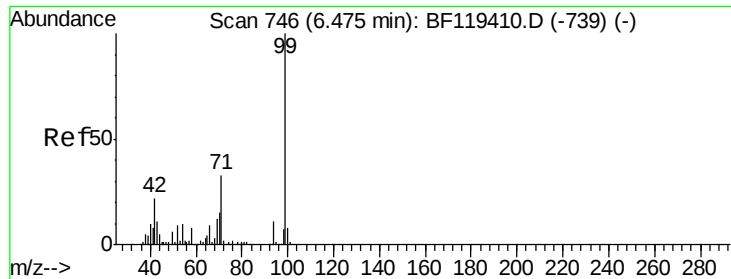
Abundance

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: 96.275 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119643.D

Acq: 30 Mar 2020 19:53

Instrument :

BNA_F

ClientSampled :

SB-02-1.0-1.5

Tot Ion: 99 Resp: 2261875

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

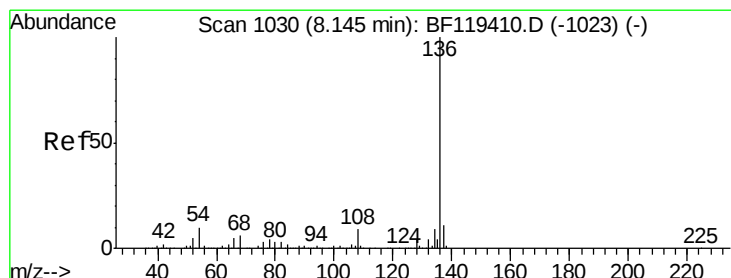
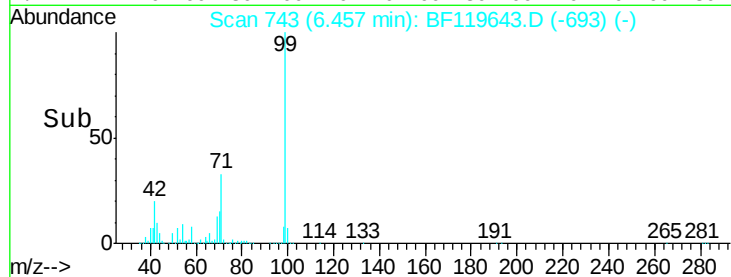
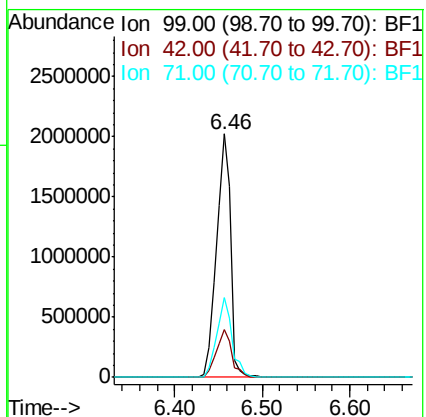
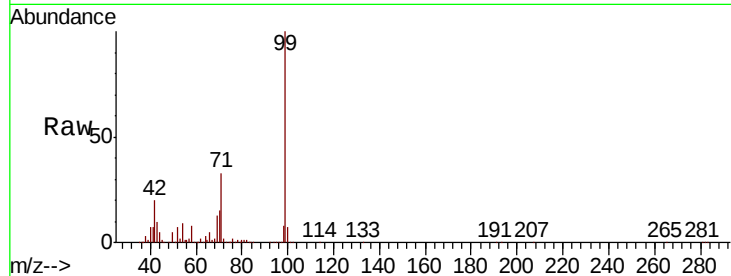
71 32.6 26.4 39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119643.D

Acq: 30 Mar 2020 19:53

Tgt Ion: 136 Resp: 1034425

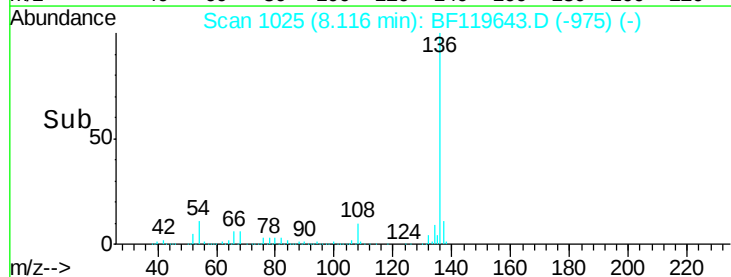
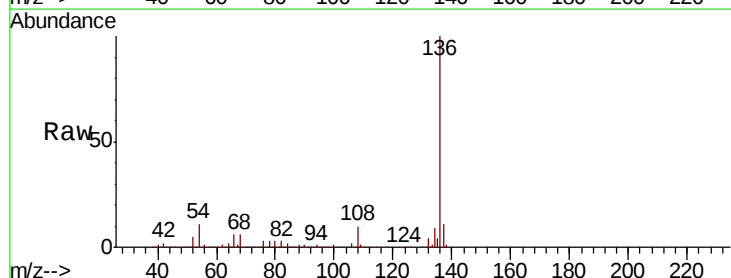
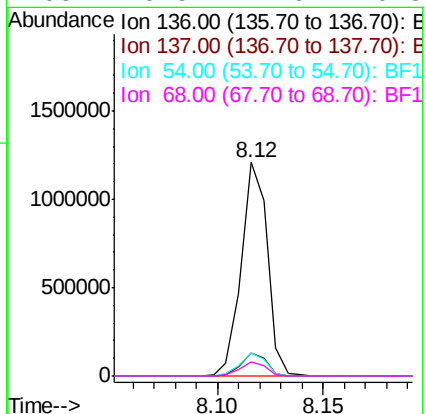
Ion Ratio Lower Upper

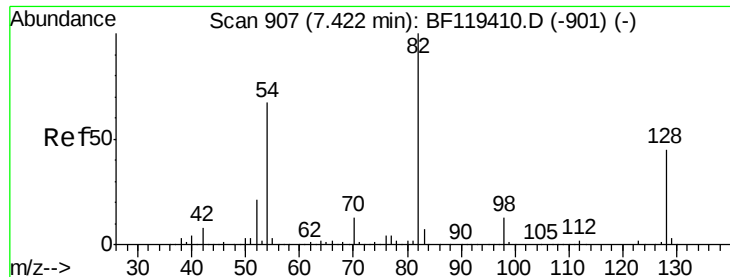
136 100

137 11.0 8.7 13.1

54 10.9 9.1 13.7

68 6.5 4.6 6.8





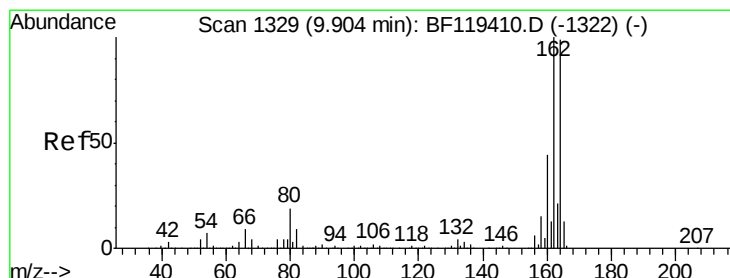
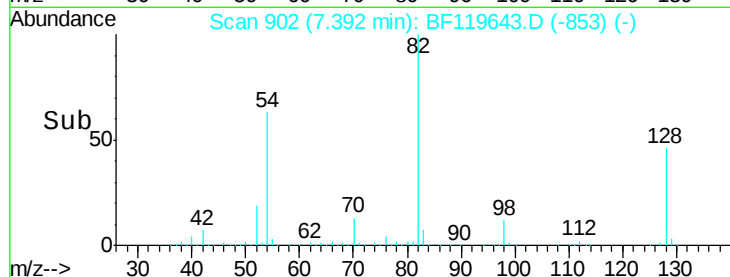
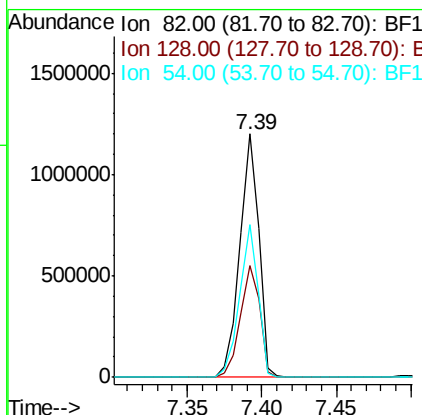
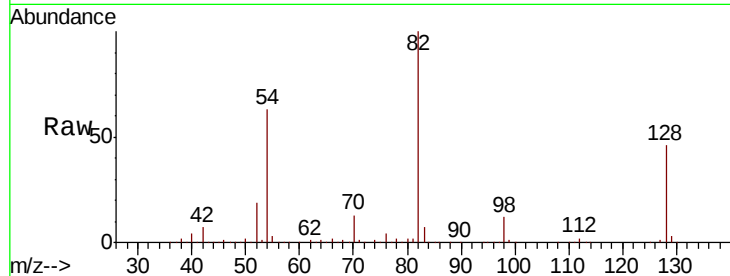
#23
Nitrobenzene-d5
Concen: 56.552 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119643.D
Acq: 30 Mar 2020 19:53

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	82	Resp	1076383
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.3	54.5
54	62.5	50.6	75.8

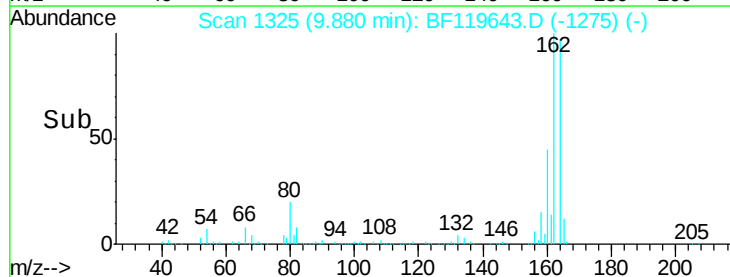
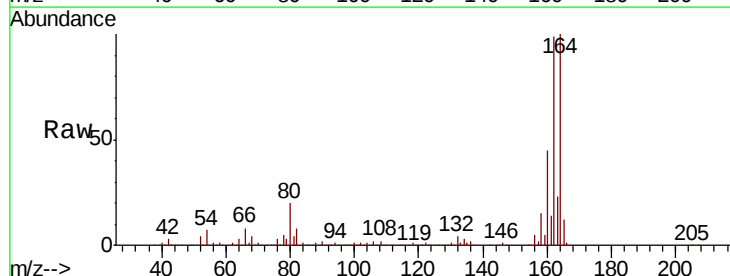
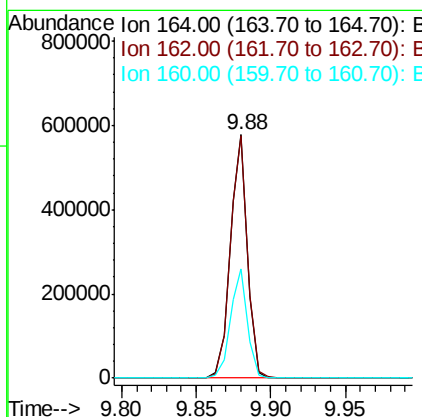
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119643.D
Acq: 30 Mar 2020 19:53

Tgt Ion	164	Resp	466958
Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.6	121.0
160	44.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 70.282 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119643.D

Acq: 30 Mar 2020 19:53

Instrument :

BNA_F

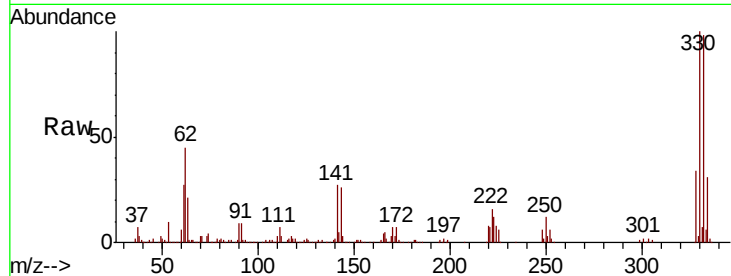
ClientSampled :

SB-02-1.0-1.5

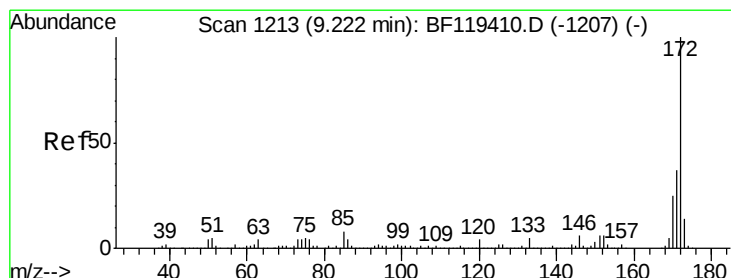
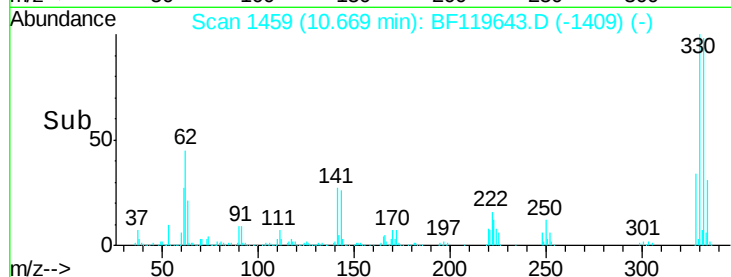
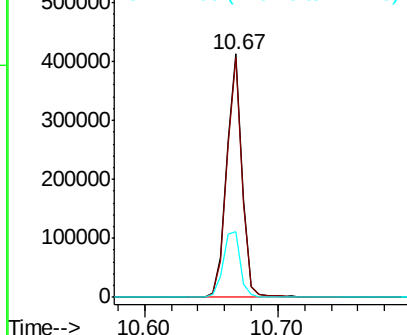
Tot Ion:	330	Resp:	338578
Ion Ratio	Lower	Upper	
330	100		
332	97.1	75.7	113.5
141	30.8	25.4	38.0

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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: 76.200 ng

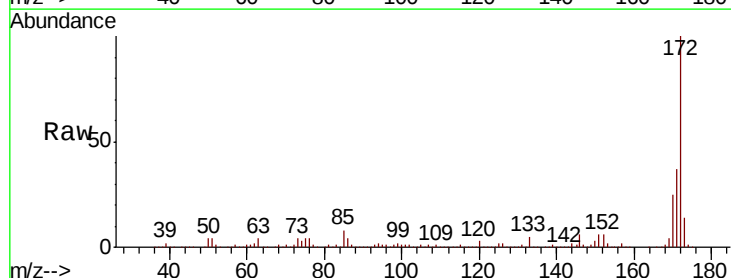
RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

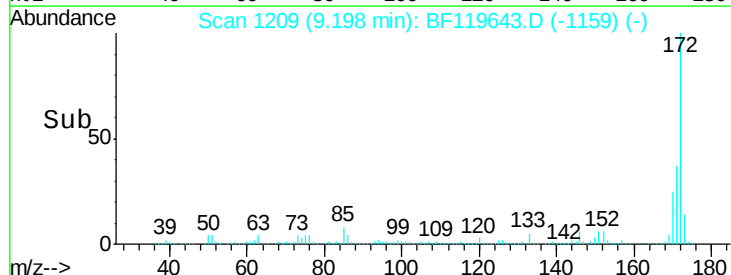
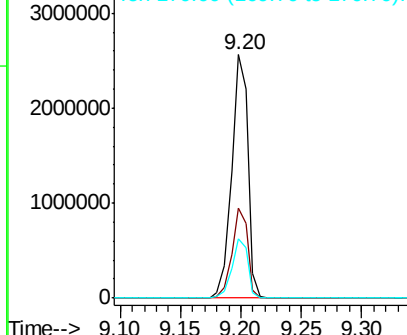
Lab File: BF119643.D

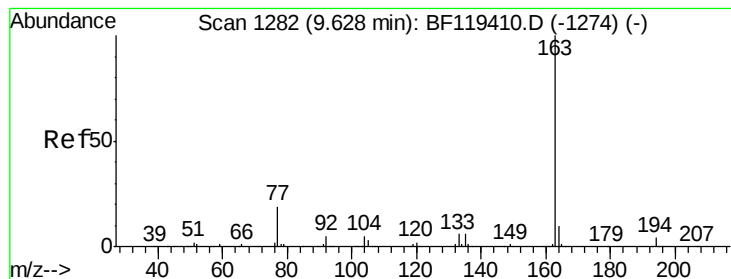
Acq: 30 Mar 2020 19:53

Tgt Ion:	172	Resp:	2401817
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.6	44.4
170	24.6	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: 7.958 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF119643.D

Acq: 30 Mar 2020 19:53

Instrument :

BNA_F

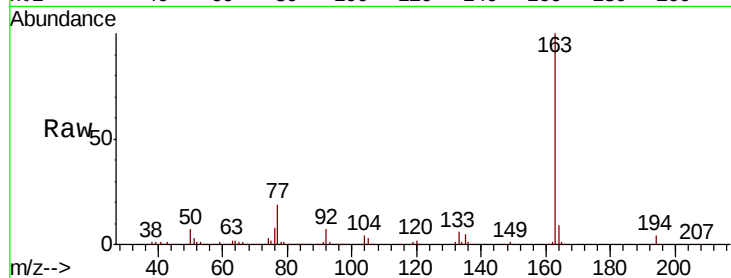
ClientSampleId :

SB-02-1.0-1.5

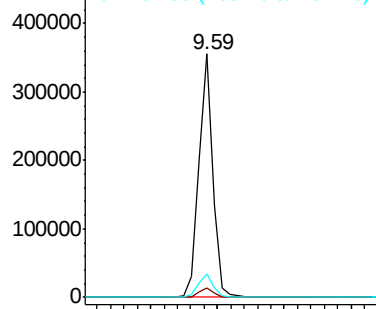
Tot Ion:	163	Resp:	263943
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	9.4	8.2	12.2

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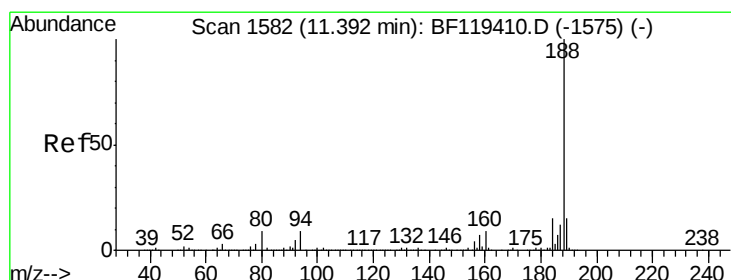
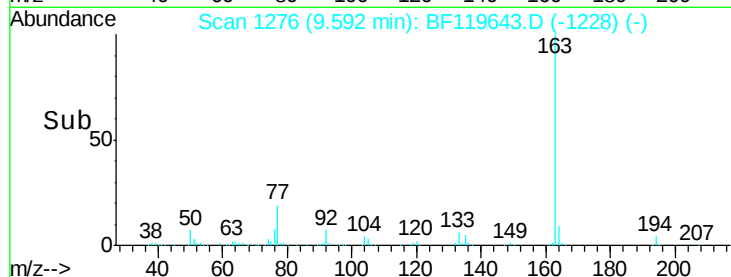
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

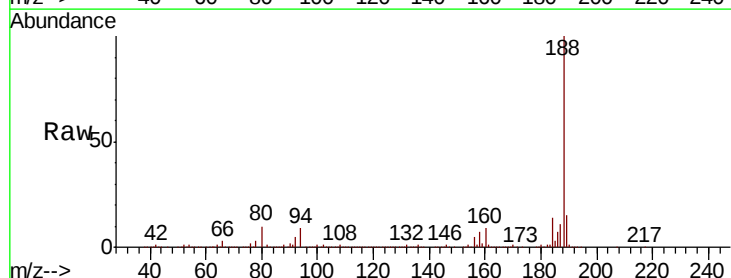
RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

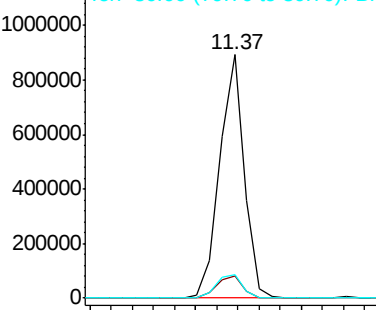
Lab File: BF119643.D

Acq: 30 Mar 2020 19:53

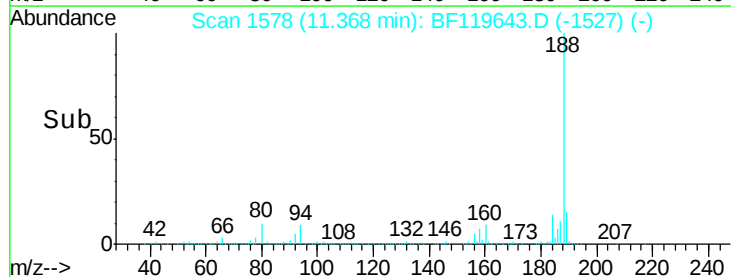
Tgt Ion:	188	Resp:	720164
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.5	11.3
80	9.7	9.0	13.4

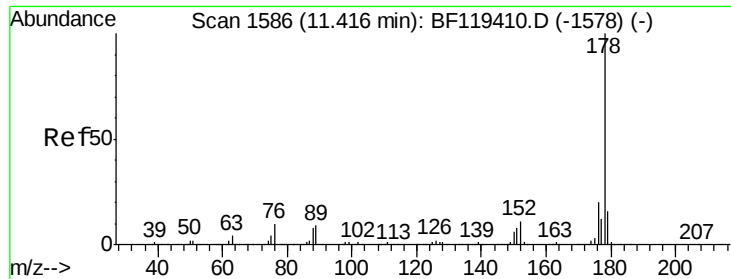


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



Time-->





#71

Phenanthrene

Concen: 3.179 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF119643.D

Acq: 30 Mar 2020 19:53

Instrument :

BNA_F

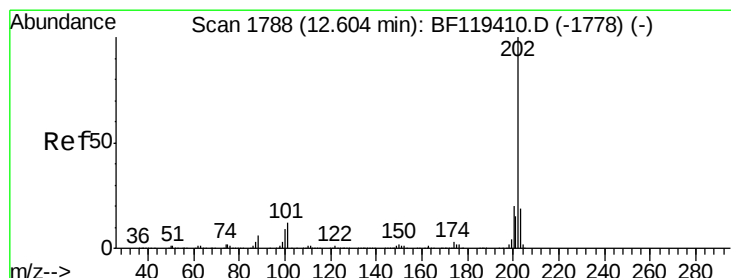
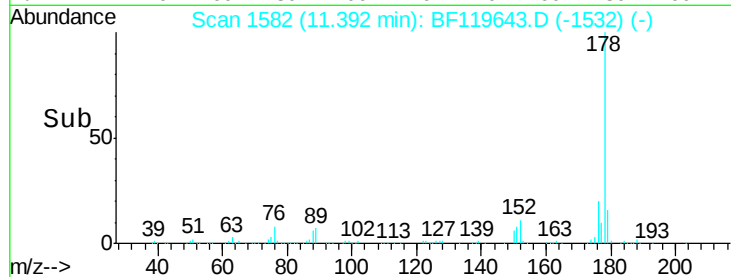
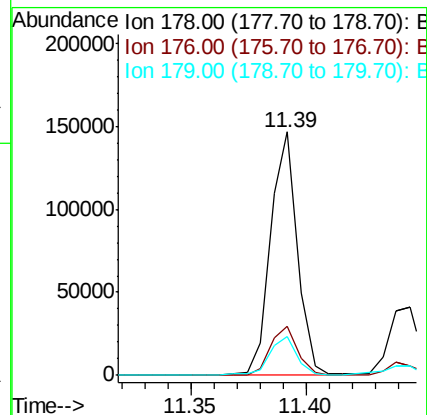
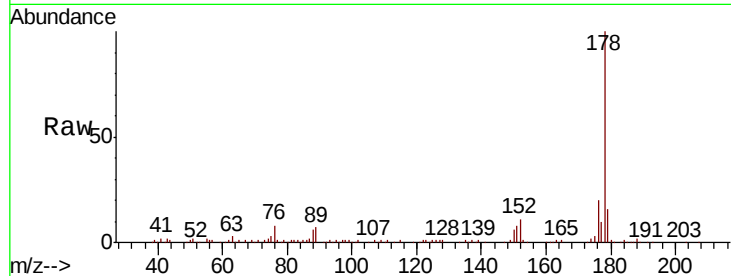
ClientSampleId :

SB-02-1.0-1.5

Tot Ion:	178	Resp:	118706
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.2	24.4
179	15.7	13.2	19.8

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#75

Fluoranthene

Concen: 5.102 ng

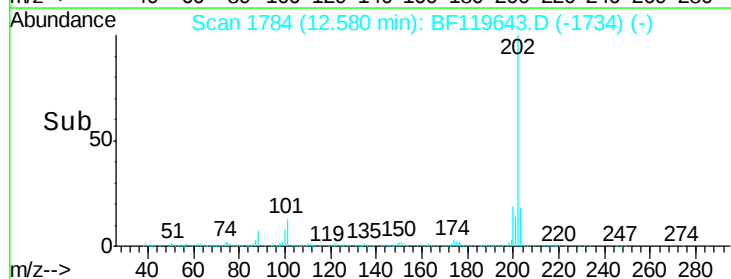
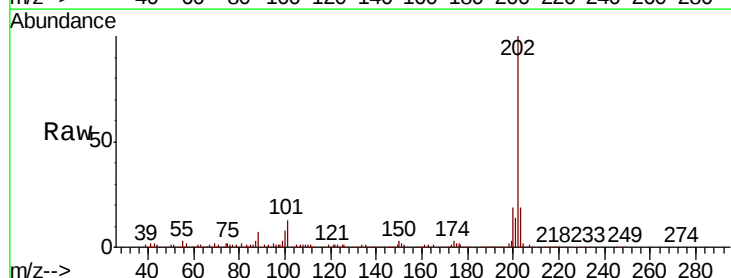
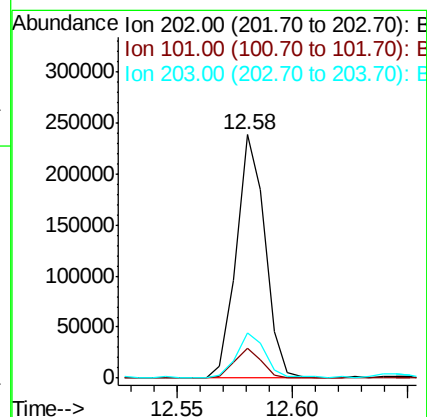
RT: 12.58 min Scan# 1784

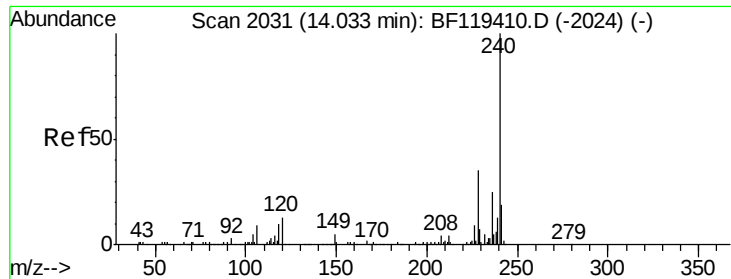
Delta R.T. -0.01 min

Lab File: BF119643.D

Acq: 30 Mar 2020 19:53

Tgt Ion:	202	Resp:	206207
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.2
203	18.6	0.0	38.8





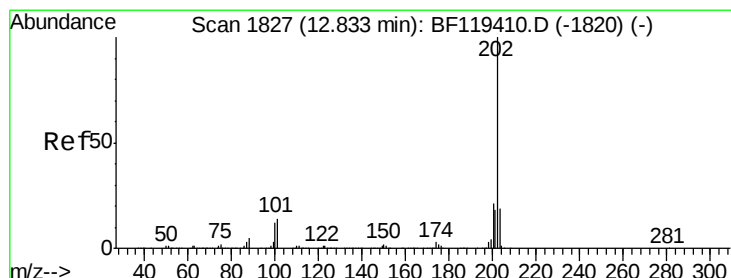
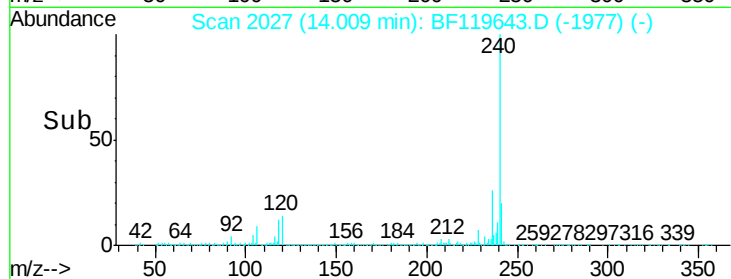
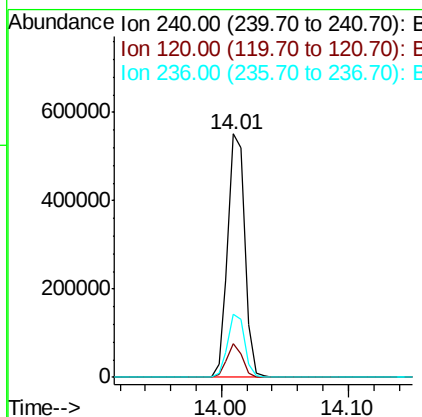
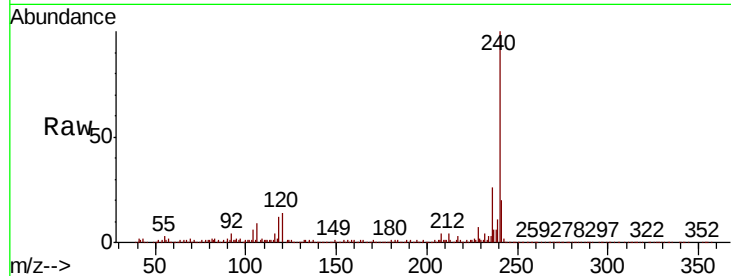
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119643.D
Acq: 30 Mar 2020 19:53

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	10.6	15.8
236	25.7	20.2	30.2

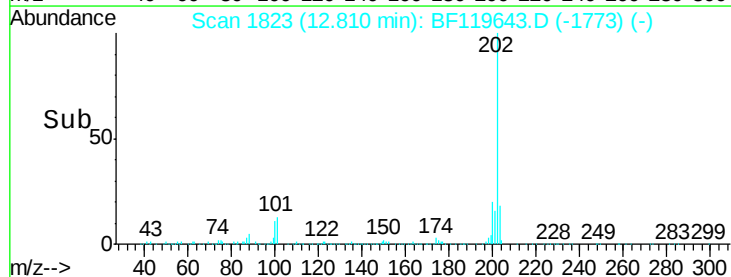
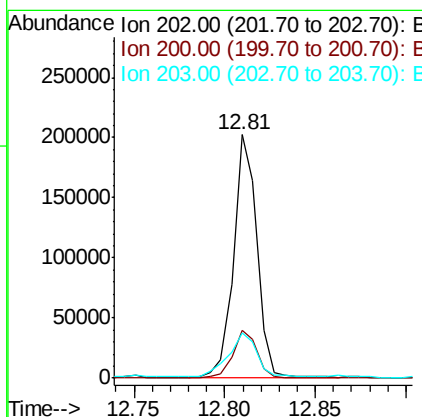
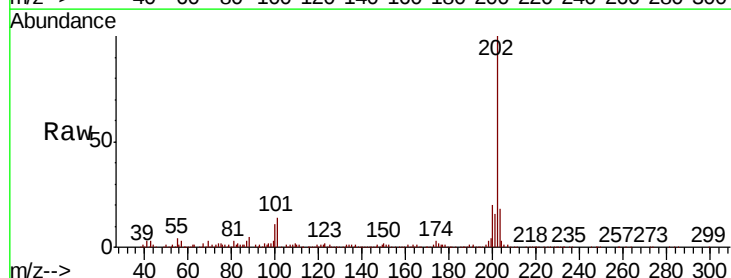
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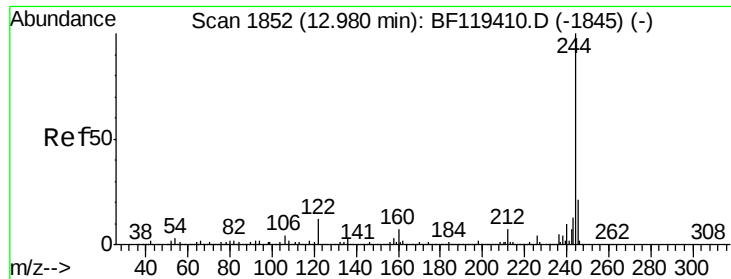
mohammad
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#78
Pyrene
Concen: 4.288 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF119643.D
Acq: 30 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.8	25.2
203	18.3	15.1	22.7





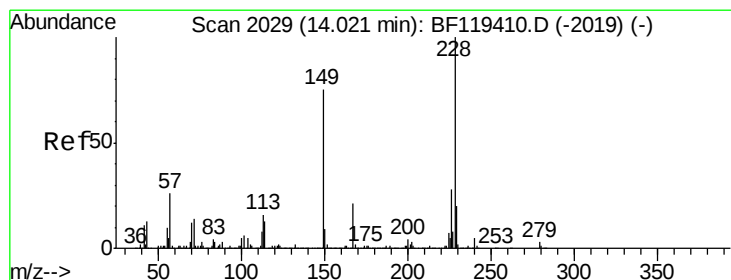
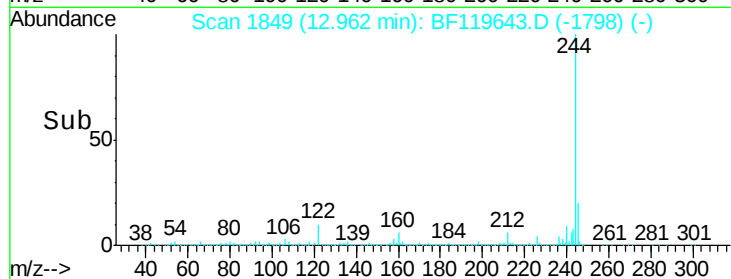
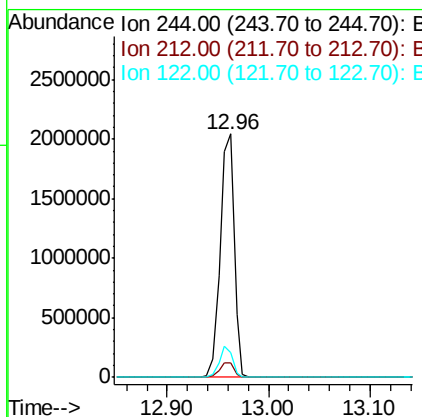
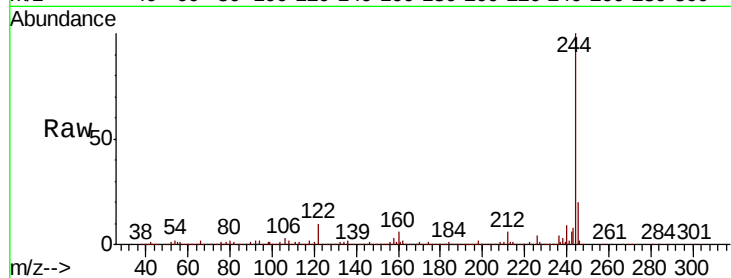
#79
 Terphenyl-d14
 Concen: 74.047 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF119643.D
 Acq: 30 Mar 2020 19:53

Instrument :
 BNA_F
 ClientSampled :
 SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.8	8.8
122	10.0	10.3	15.5#

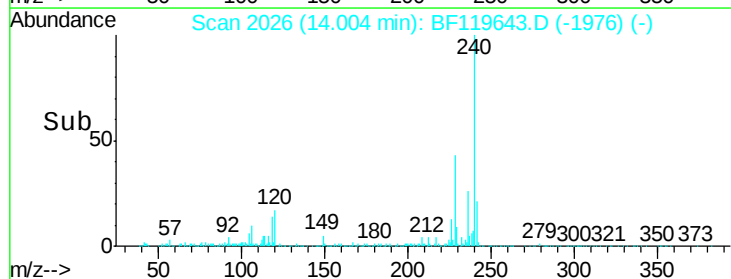
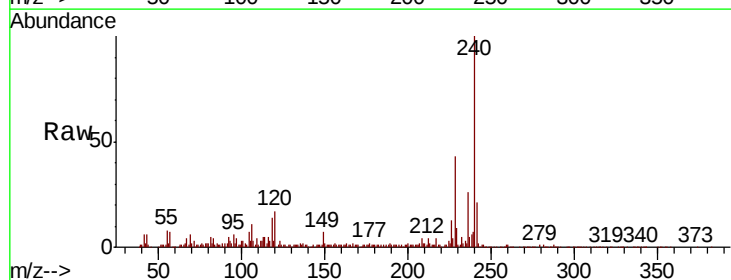
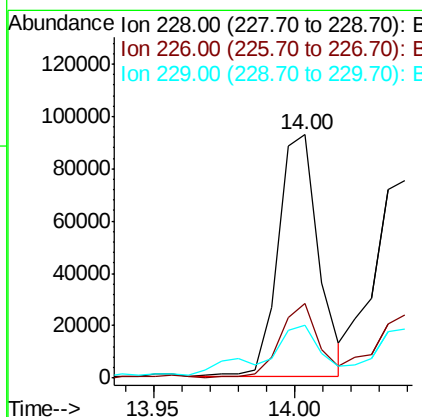
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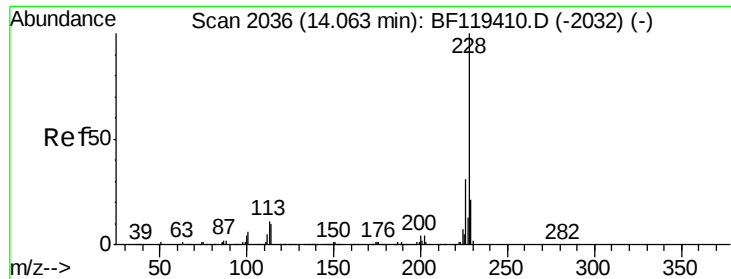
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.732 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119643.D
 Acq: 30 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.8	32.8
229	21.7	16.2	24.4





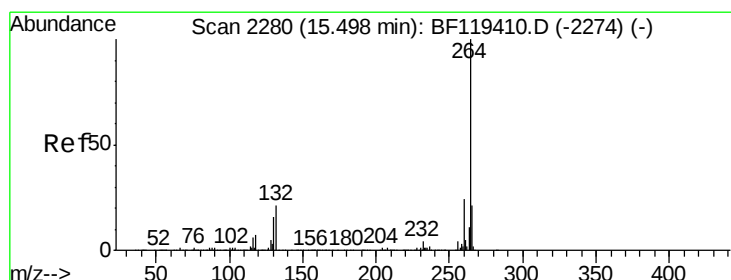
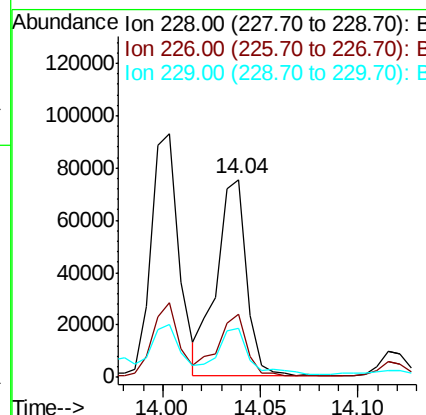
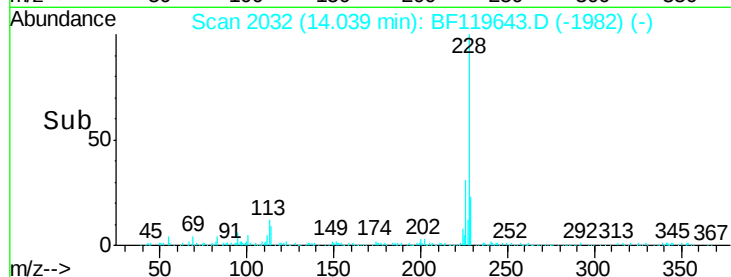
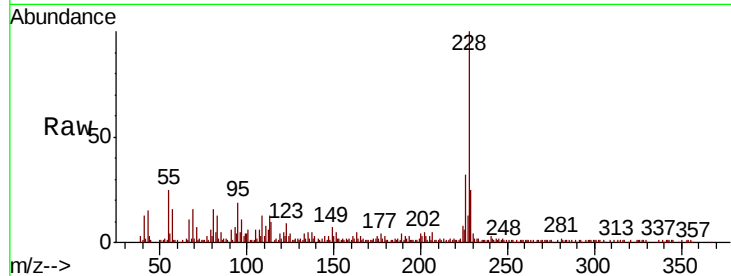
#83
Chrysene
Concen: 2.329 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF119643.D
Acq: 30 Mar 2020 19:53

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.0
229	24.8	16.6	24.8

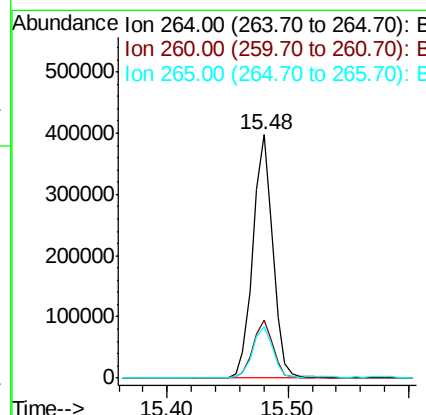
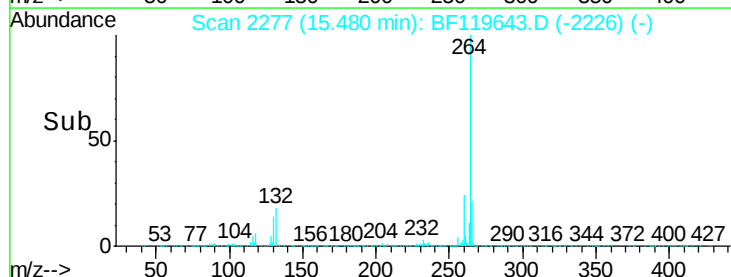
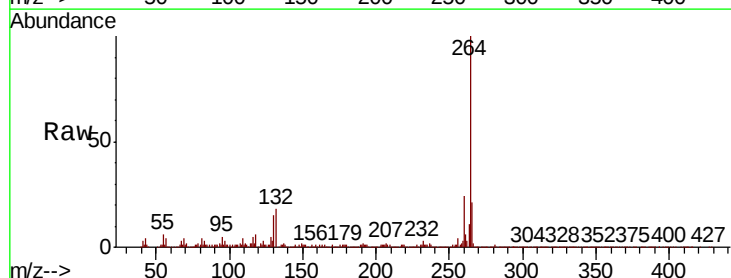
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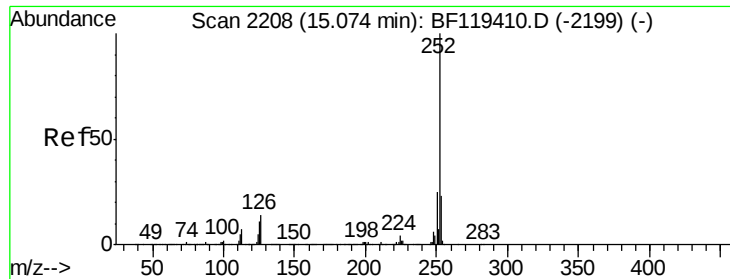
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119643.D
Acq: 30 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.4	17.7	26.5





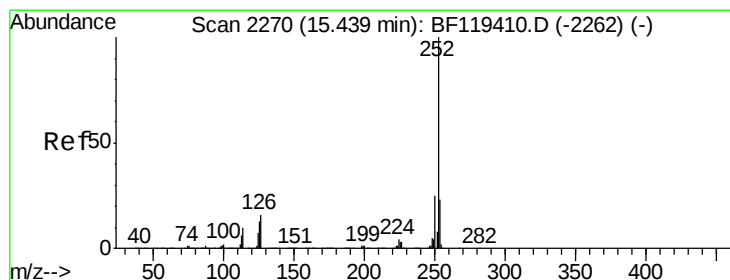
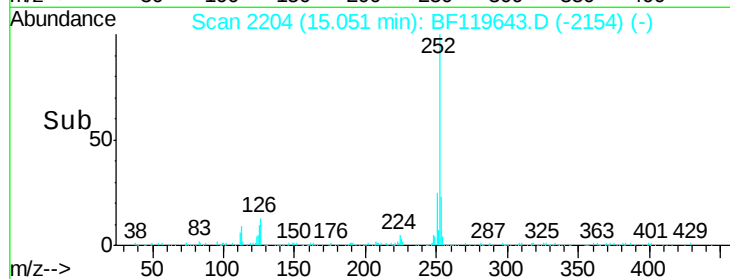
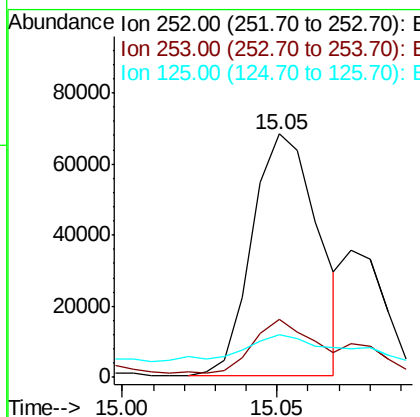
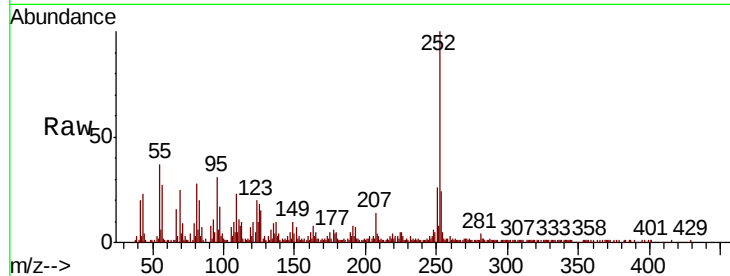
#88
Benzo(b)fluoranthene
Concen: 3.304 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119643.D
Acq: 30 Mar 2020 19:53

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	17.6	7.9	11.9

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.408 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF119643.D
Acq: 30 Mar 2020 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.2	27.2
125	18.5	9.4	14.2

