

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119695.D
 Acq On : 2 Apr 2020 4:24
 Operator : MA/SJ
 Sample : L2089-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(0-2)

Manual Integrations
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mohammad
 4/3/2020 11:14:43 PM

Quant Time: Apr 02 05:41:03 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	6.81	152	224653	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	872750	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	470262	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	891724	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	696621	20.00	ng	-0.02
87) Perylene-d12	15.43	264	696330	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1436012	101.76	ng	0.00
7) Phenol-d6	6.44	99	1857448	103.03	ng	0.00
23) Nitrobenzene-d5	7.37	82	1160840	72.29	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	561501	115.74	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2178107	68.62	ng	0.00
79) Terphenyl-d14	12.93	244	2342644	65.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	451104	13.505	ng	98
71) Phenanthrene	11.36	178	111680	2.415	ng	97
72) Anthracene	11.41	178	174732	3.718	ng	96
75) Fluoranthene	12.56	202	439637	8.786	ng	96
78) Pyrene	12.78	202	438095	7.663	ng	98
81) Benzo(a)anthracene	13.97	228	210733	4.652	ng	99
83) Chrysene	14.00	228	127124m	2.719	ng	
88) Benzo(b)fluoranthene	15.01	252	152903m	3.287	ng	
90) Benzo(a)pyrene	15.37	252	95553	2.260	ng	97

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

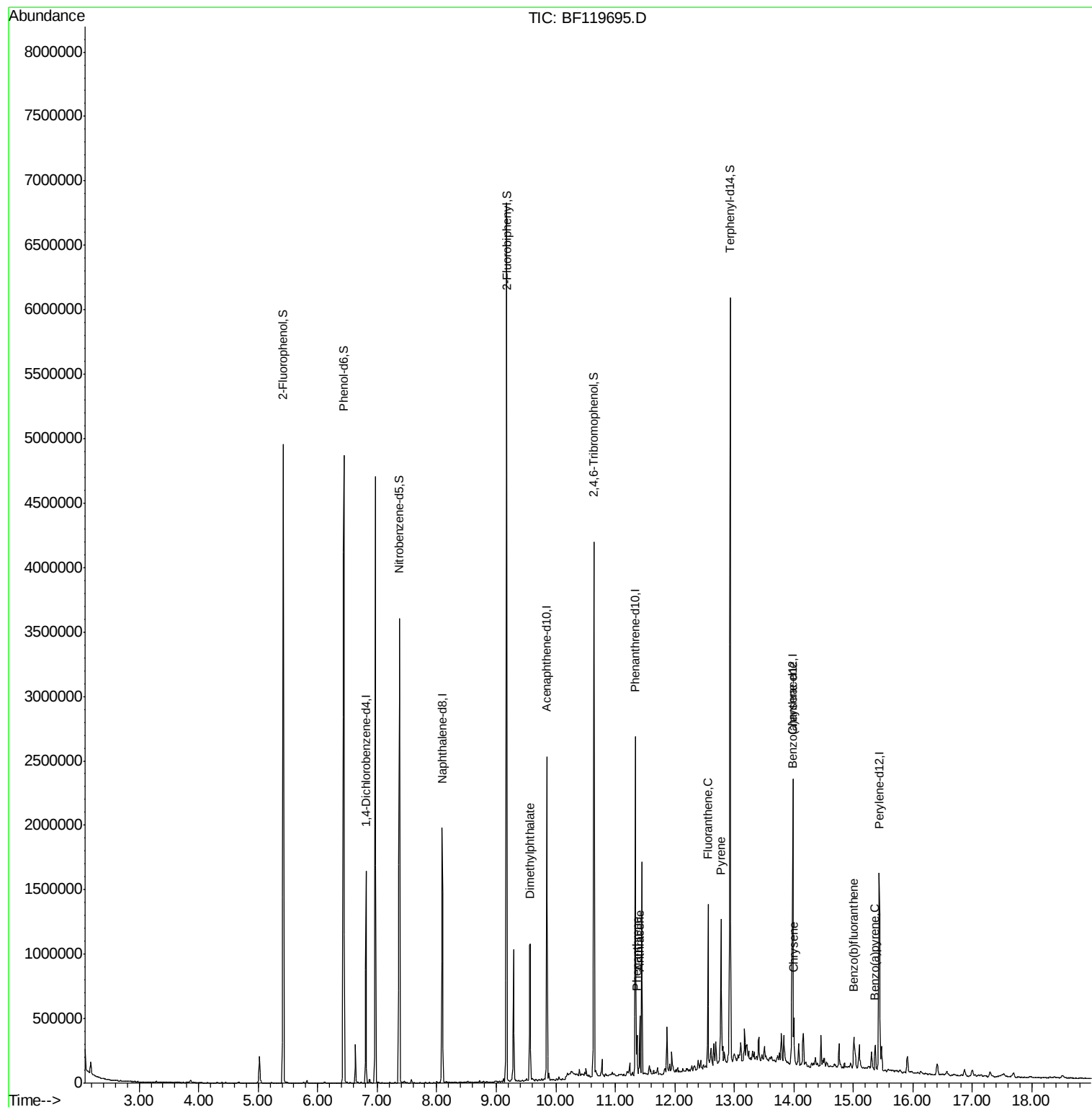
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119695.D
Acq On : 2 Apr 2020 4:24
Operator : MA/SJ
Sample : L2089-03
Misc :
ALS Vial : 45 Sample Multiplier: 1

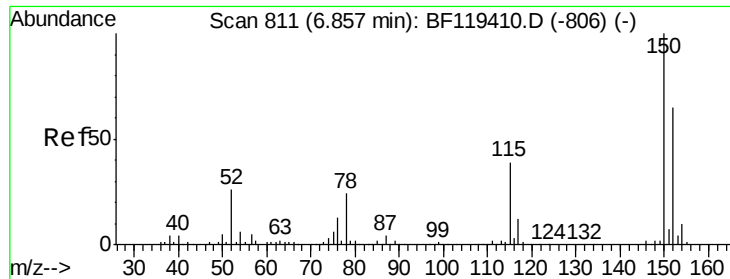
Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

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Quant Time: Apr 02 05:41:03 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





#1

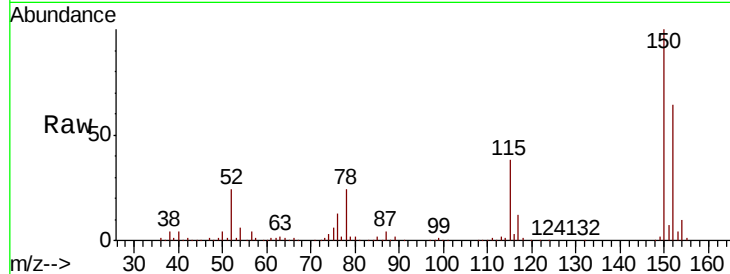
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.5	186.7
115	58.9	49.6	74.4

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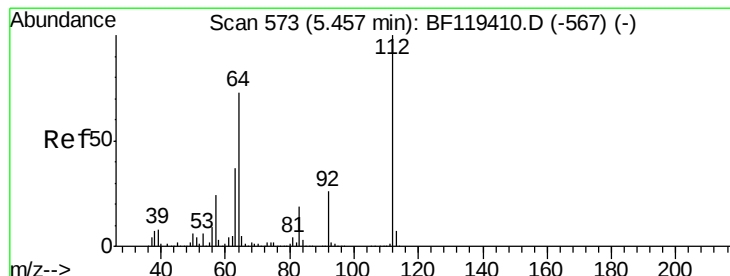
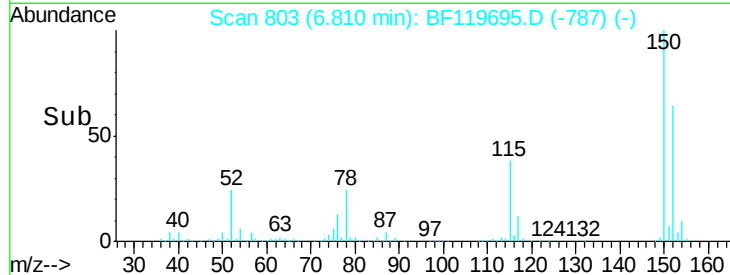
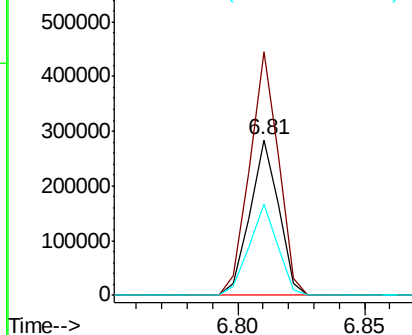


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

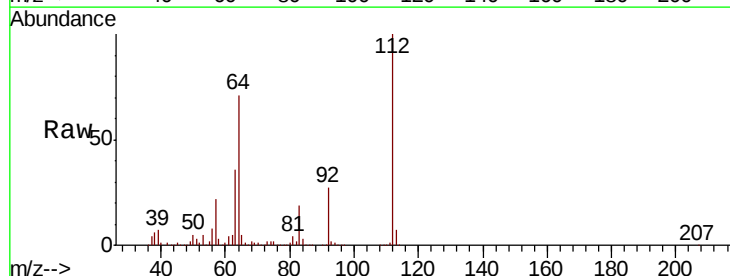
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.757 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.7	85.1
63	35.9	29.5	44.3

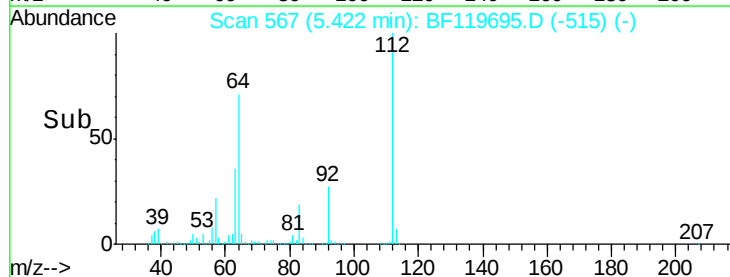
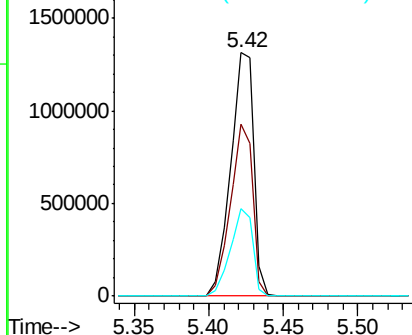


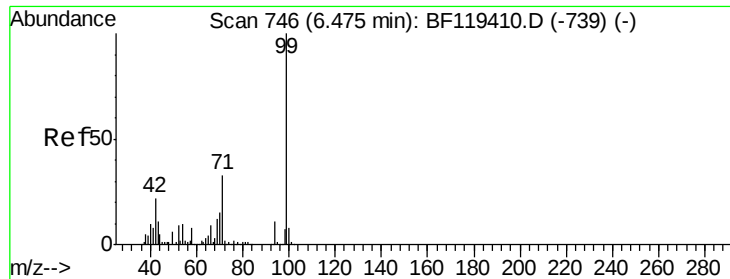
Abundance

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: 103.035 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119695.D

Acq: 2 Apr 2020 4:24

Instrument :

BNA_F

ClientSampleId :

SB-3J(0-2)

Tot Ion: 99 Resp: 1857448

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

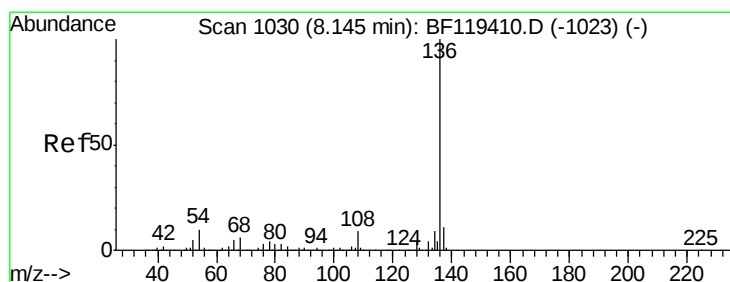
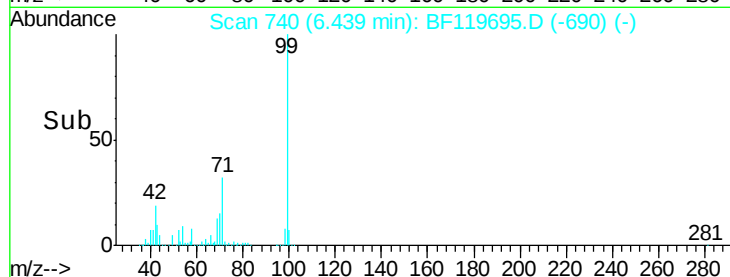
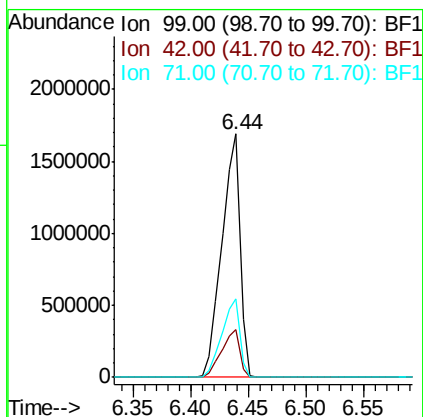
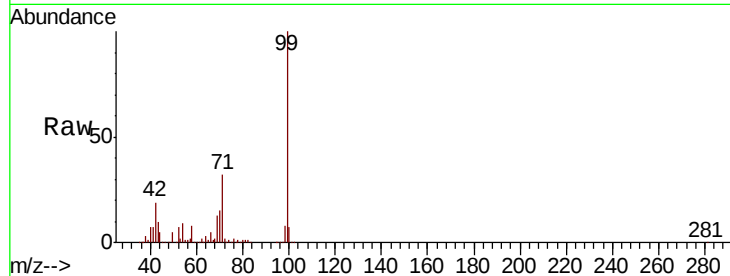
71 32.4 26.4 39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119695.D

Acq: 2 Apr 2020 4:24

Tgt Ion: 136 Resp: 872750

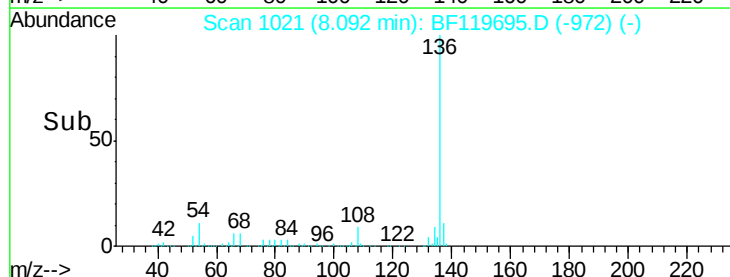
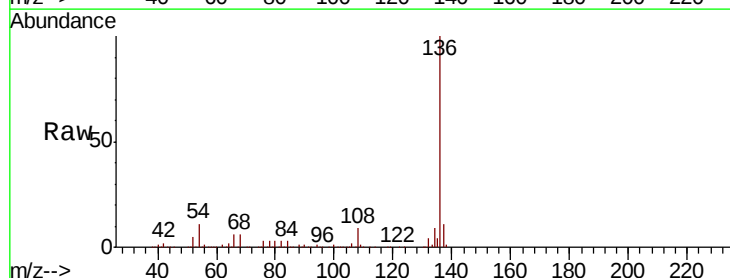
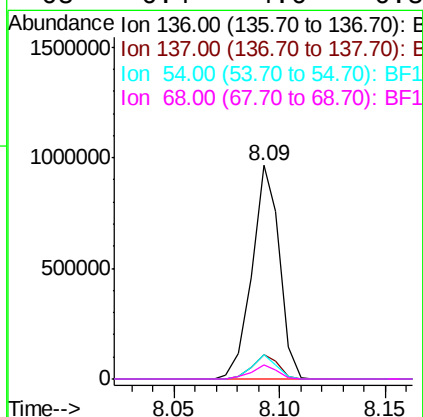
Ion Ratio Lower Upper

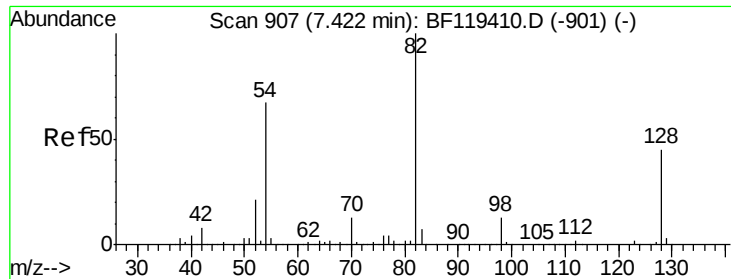
136 100

137 11.4 8.7 13.1

54 11.2 9.1 13.7

68 6.4 4.6 6.8





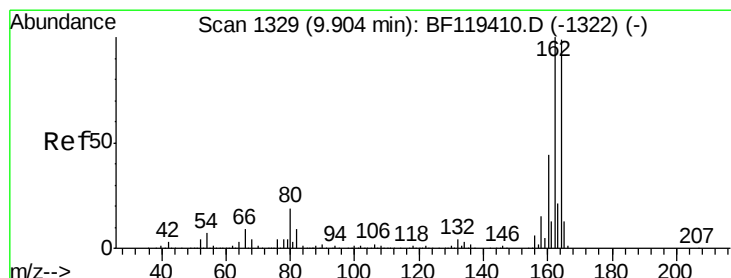
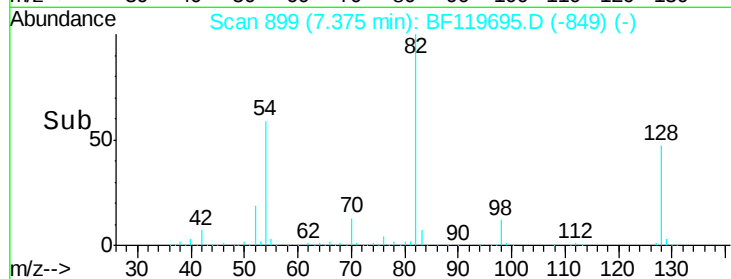
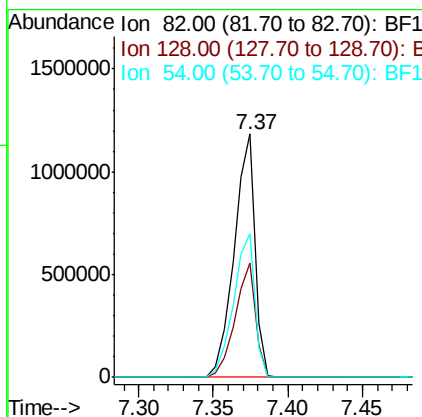
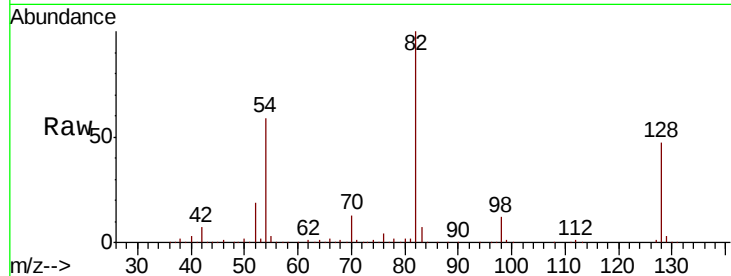
#23
Nitrobenzene-d5
Concen: 72.288 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

Tot Ion: 82 Resp: 1160840
Ion Ratio Lower Upper
82 100
128 47.2 36.3 54.5
54 59.2 50.6 75.8

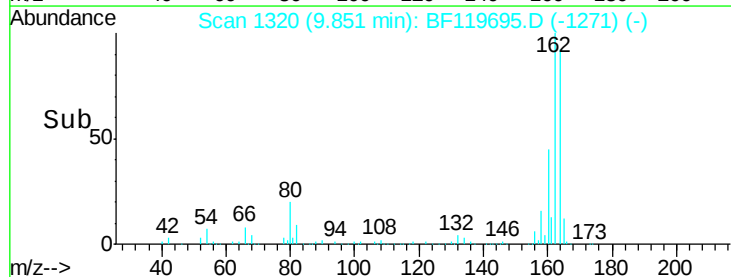
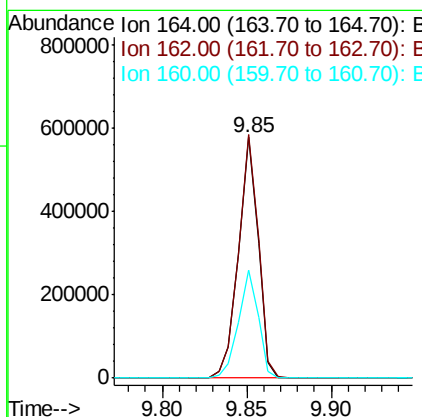
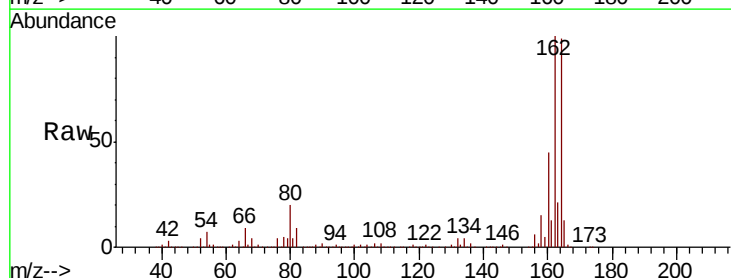
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Tgt Ion: 164 Resp: 470262
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 45.0 35.7 53.5





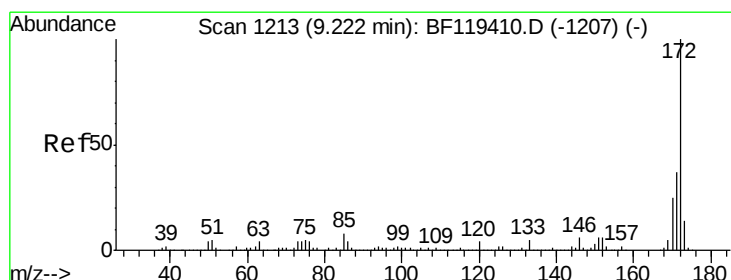
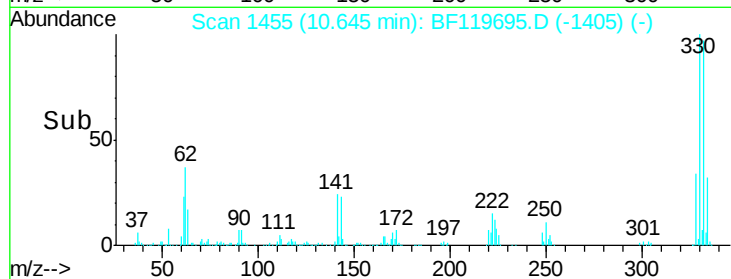
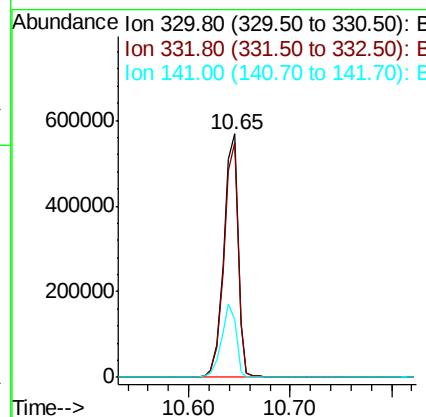
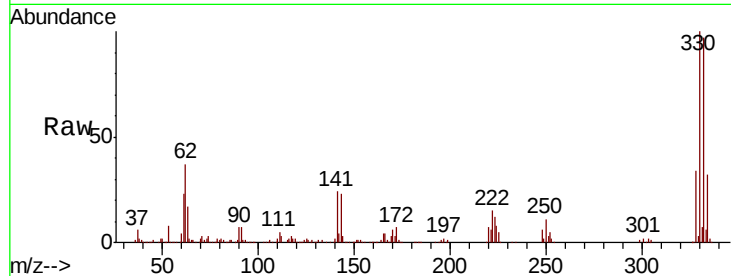
#42
 2,4,6-Tribromophenol
 Concen: 115.737 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119695.D
 Acq: 2 Apr 2020 4:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-3J-(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	30.3	25.4	38.0

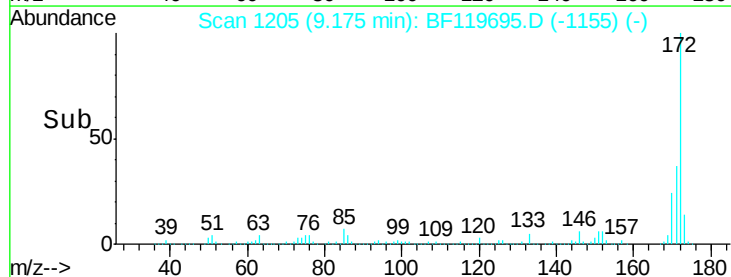
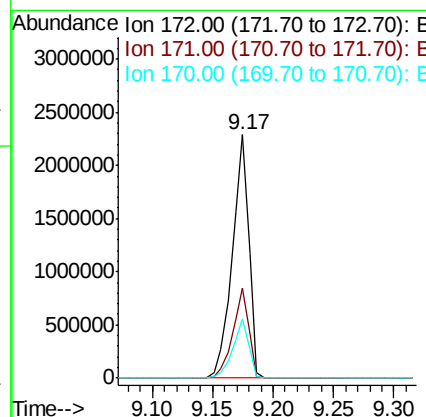
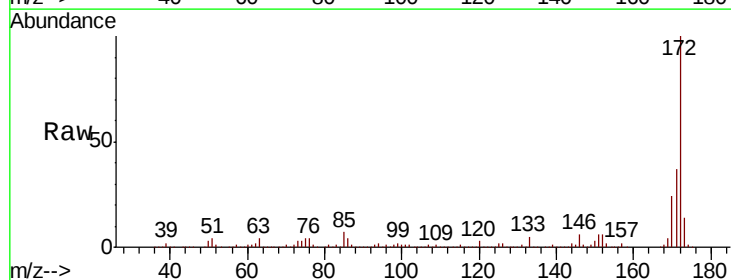
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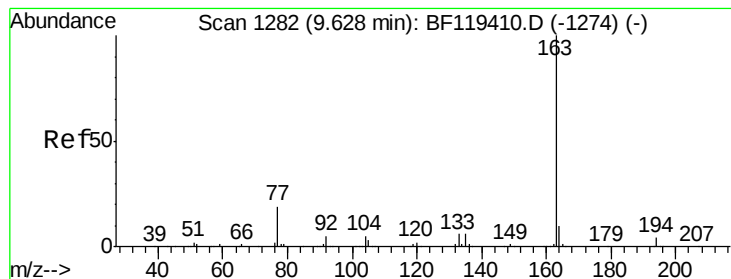
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#45
 2-Fluorobiphenyl
 Concen: 68.617 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF119695.D
 Acq: 2 Apr 2020 4:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.4	20.2	30.2





#50

Dimethylphthalate

Concen: 13.505 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF119695.D

Acq: 2 Apr 2020 4:24

Instrument :

BNA_F

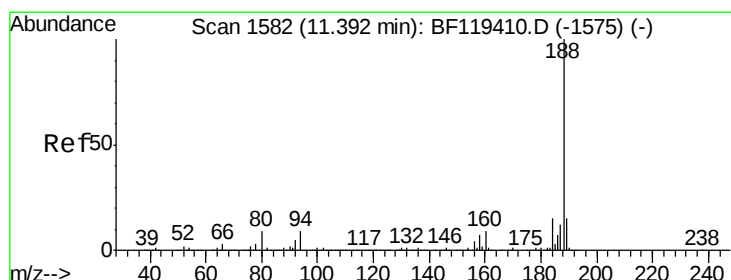
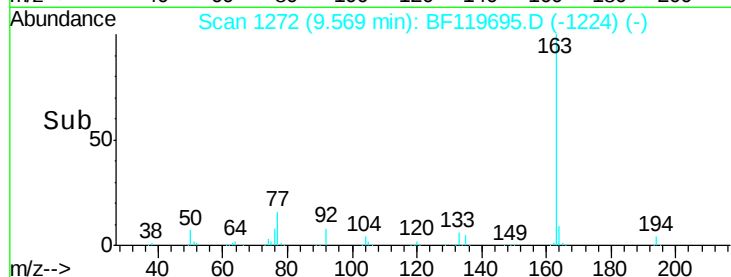
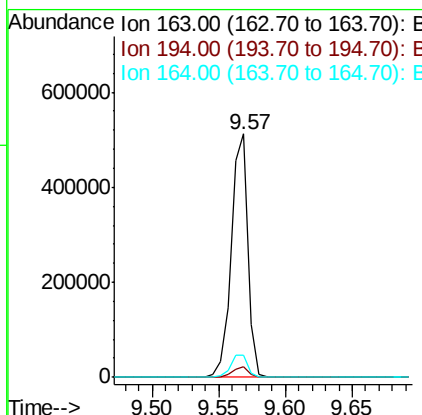
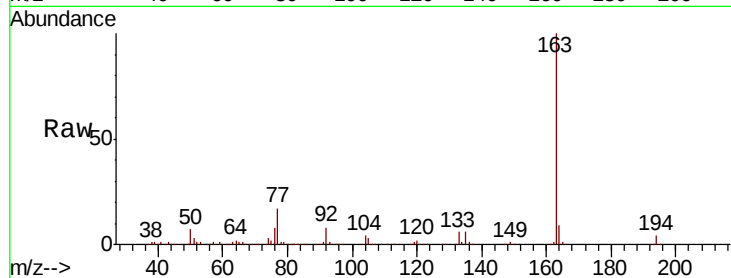
ClientSampleId :

SB-3J-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		451104		
194	4.2		3.1	4.7	
164	9.3		8.2	12.2	

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

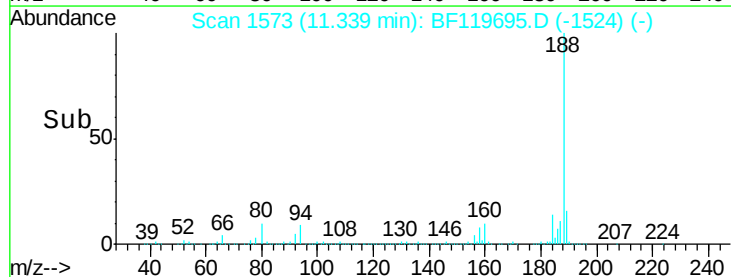
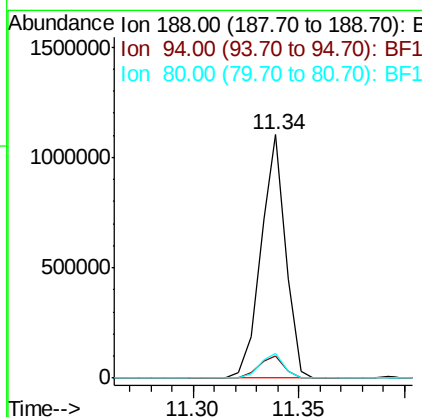
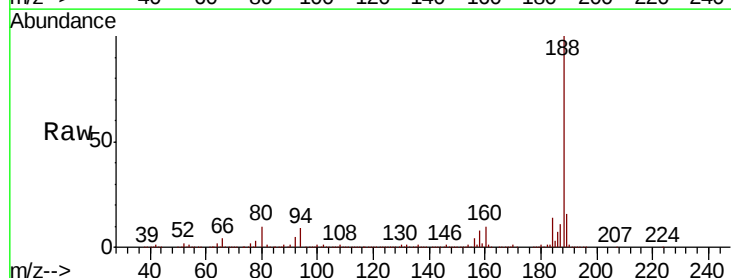
RT: 11.34 min Scan# 1573

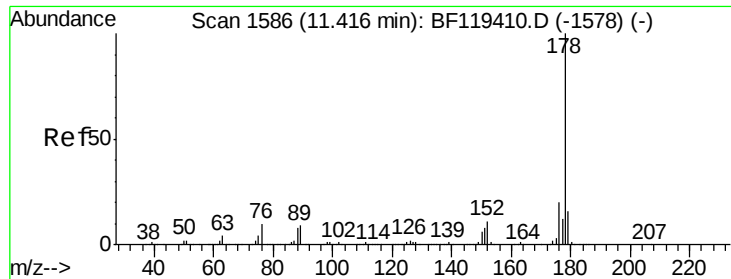
Delta R.T. -0.01 min

Lab File: BF119695.D

Acq: 2 Apr 2020 4:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		891724		
94	9.1		7.5	11.3	
80	10.3		9.0	13.4	





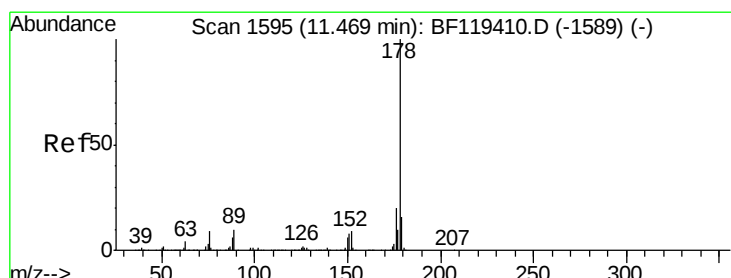
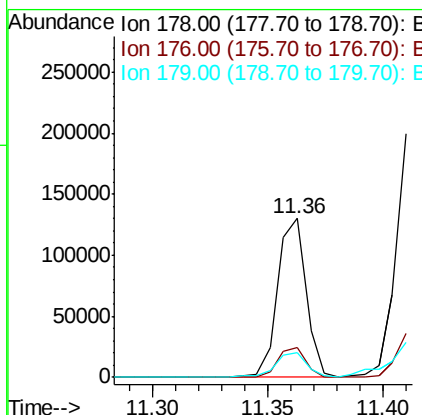
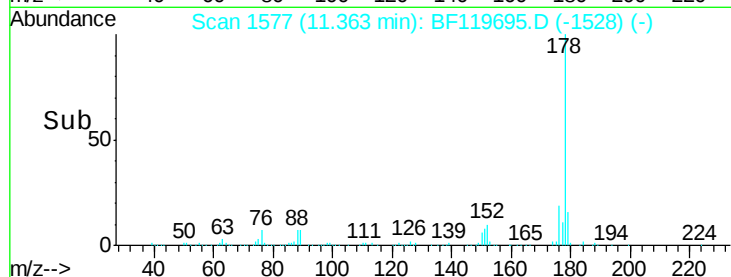
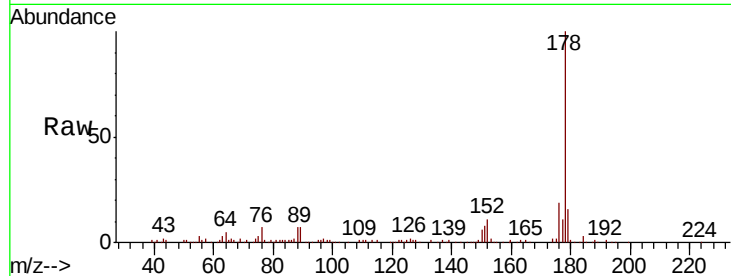
#71
Phenanthrene
Concen: 2.415 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Instrument :
BNA_F
ClientSampled :
SB-3J(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.6	13.2	19.8

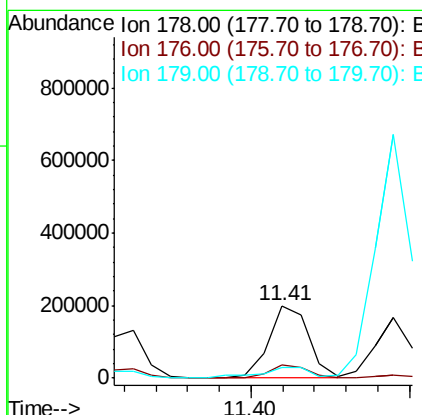
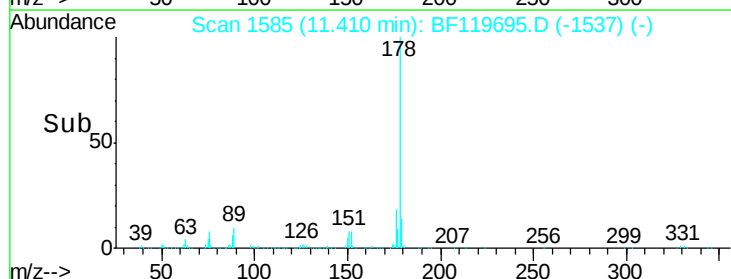
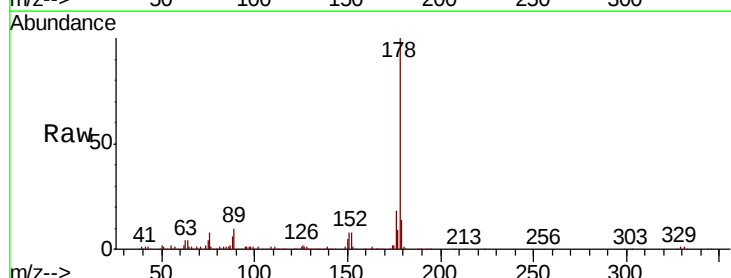
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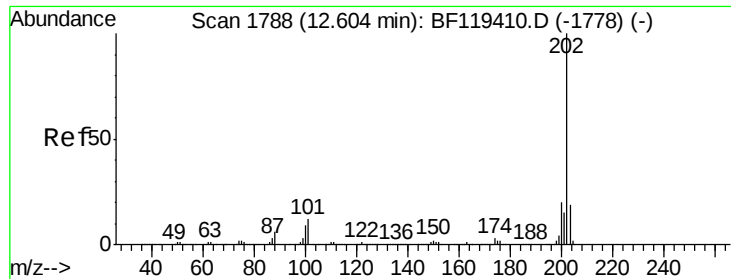
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#72
Anthracene
Concen: 3.718 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.1	24.1
179	14.4	13.0	19.4





#75

Fluoranthene

Concen: 8.786 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF119695.D

Acq: 2 Apr 2020 4:24

Instrument :

BNA_F

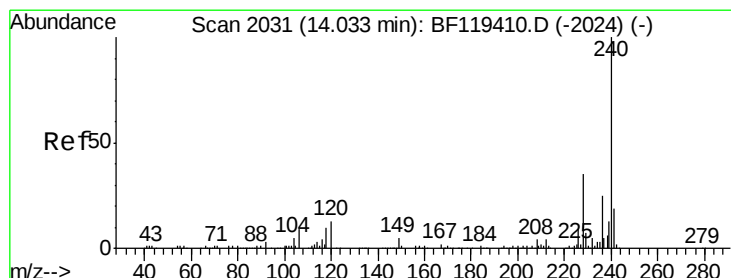
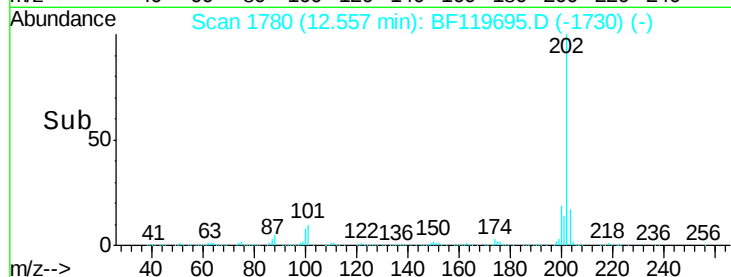
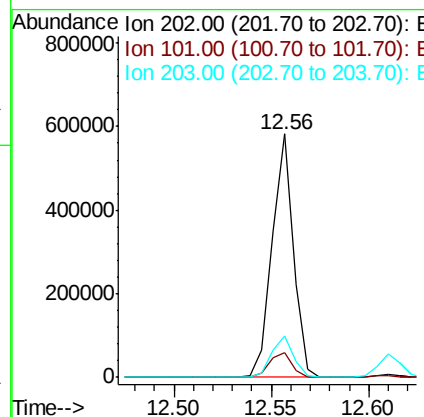
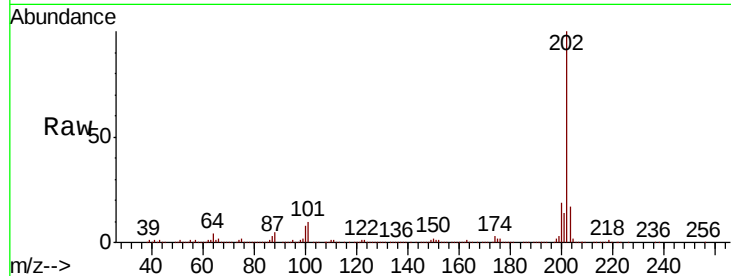
ClientSampleId :

SB-3J(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		439637		
101	10.1	0.0	32.2		
203	17.2	0.0	38.8		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

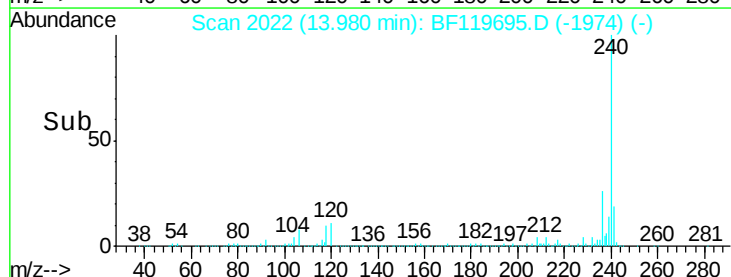
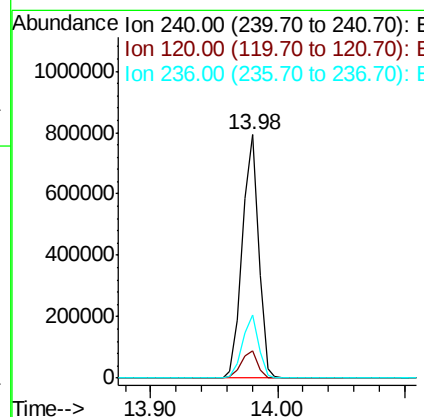
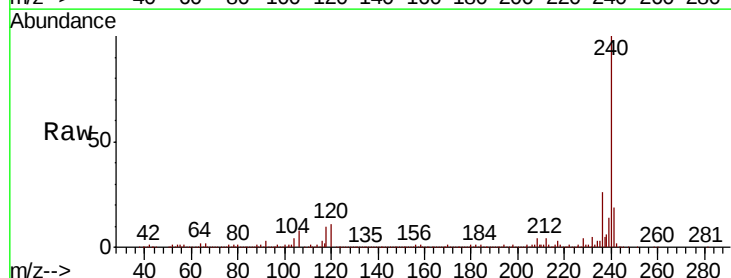
RT: 13.98 min Scan# 2022

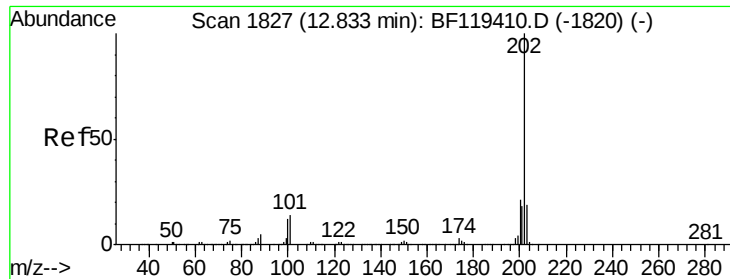
Delta R.T. -0.02 min

Lab File: BF119695.D

Acq: 2 Apr 2020 4:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		696621		
120	11.4	10.6	15.8		
236	25.7	20.2	30.2		





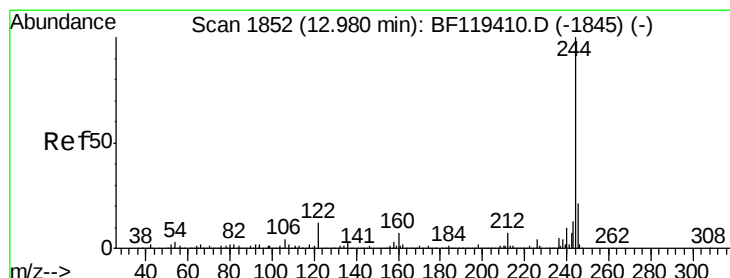
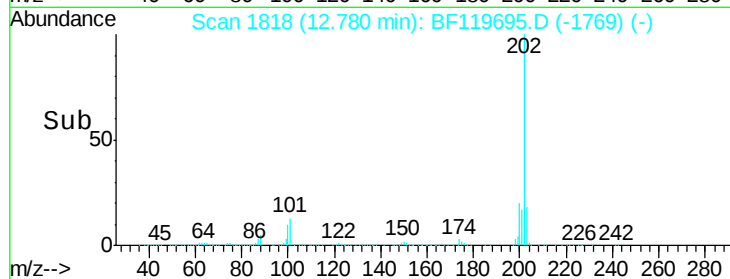
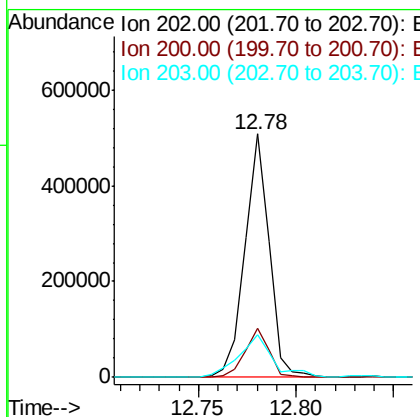
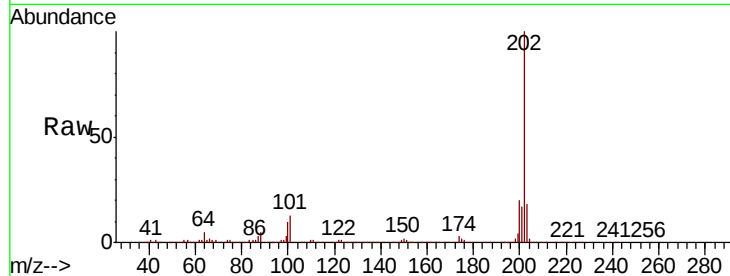
#78
Pvrene
Concen: 7.663 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	17.8	15.1	22.7

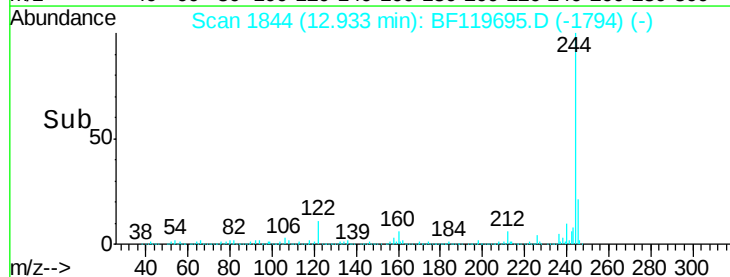
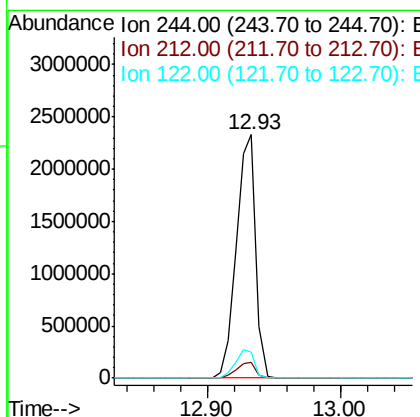
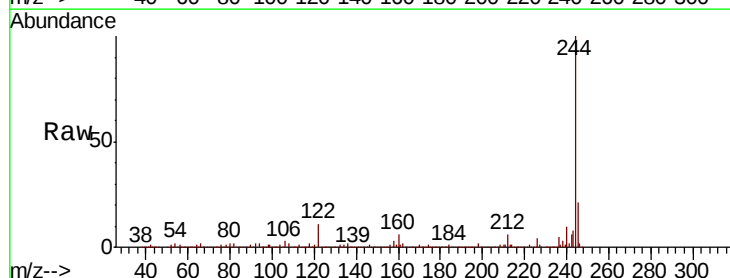
Manual Integrations
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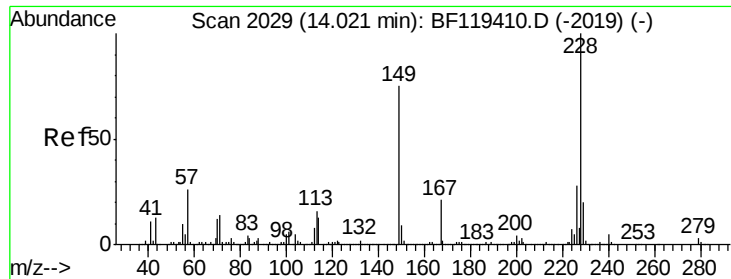
mohammad
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#79
Terphenyl-d14
Concen: 65.886 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	10.8	10.3	15.5





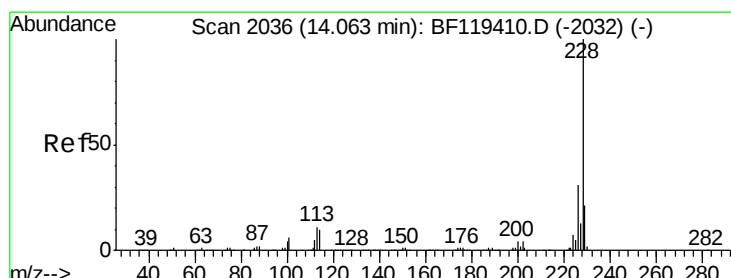
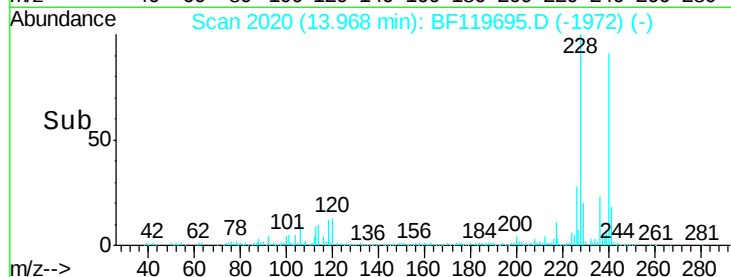
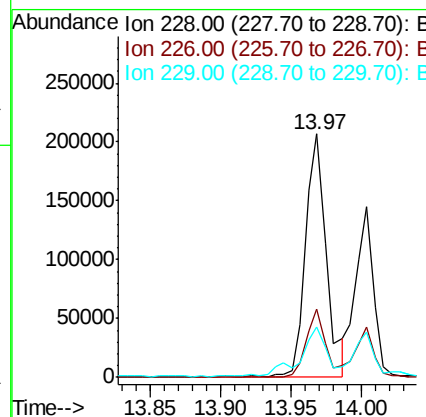
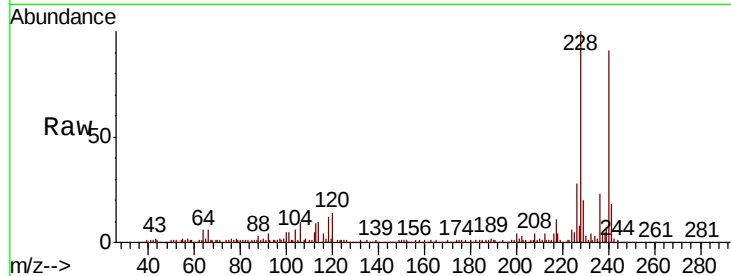
#81
Benzo(a)anthracene
Concen: 4.652 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.8
229	20.5	16.2	24.4

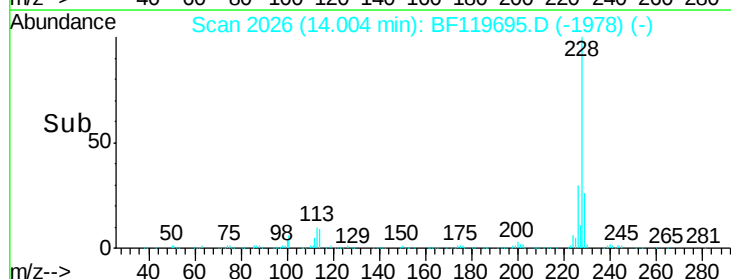
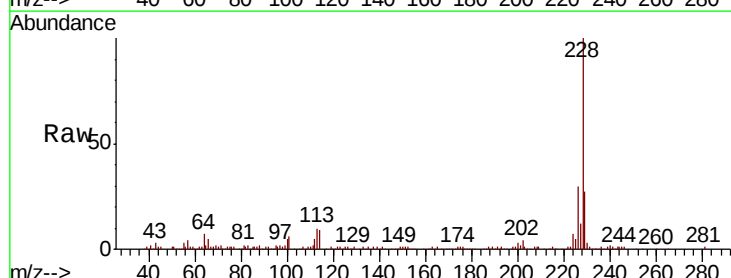
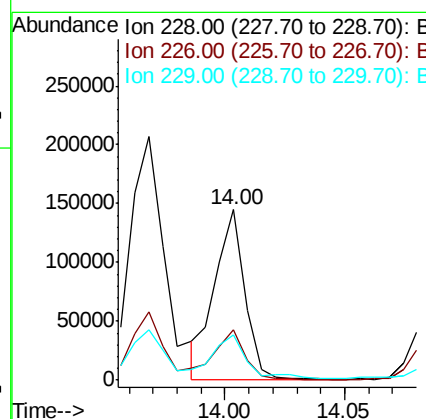
Manual Integrations
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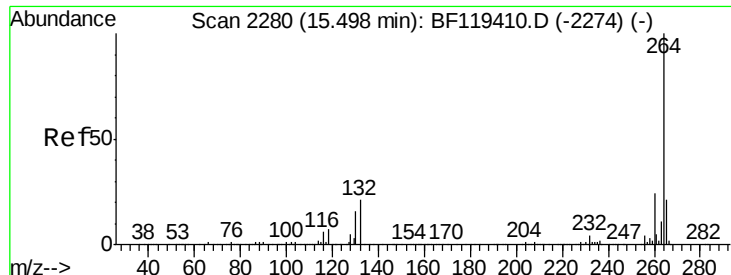
mohammad
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#83
Chrysene
Concen: 2.719 ng m
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.4	38.0
229	26.6	16.6	24.8





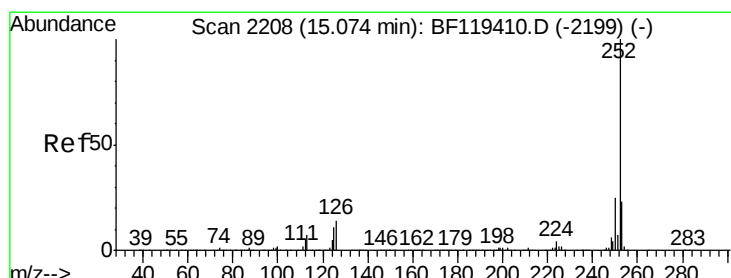
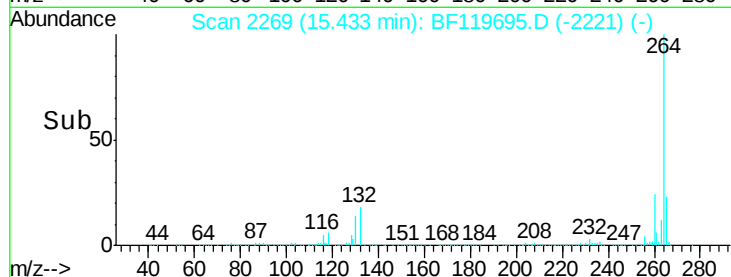
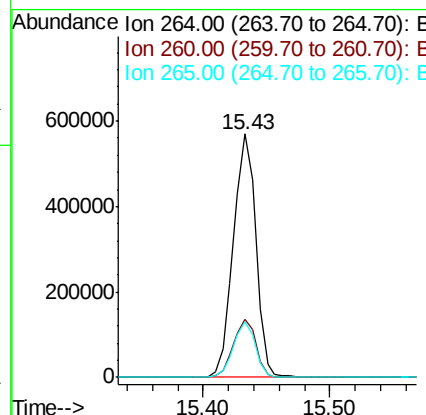
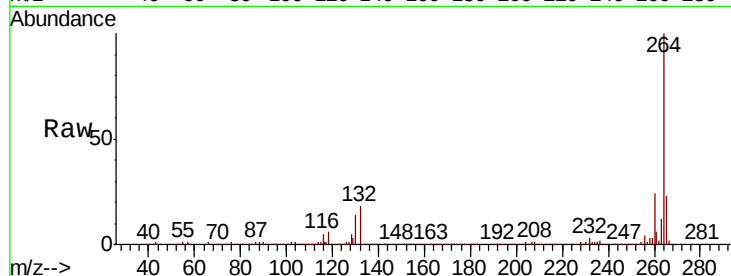
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Instrument :
BNA_F
ClientSampleId :
SB-3J-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.7	17.7	26.5

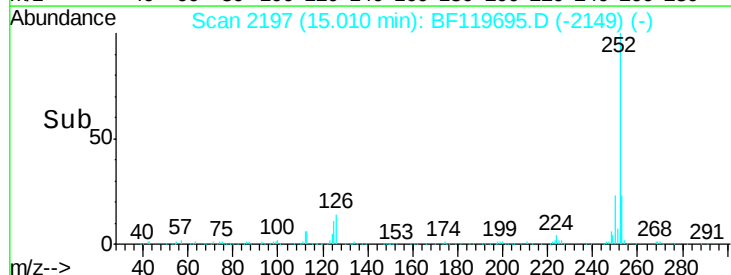
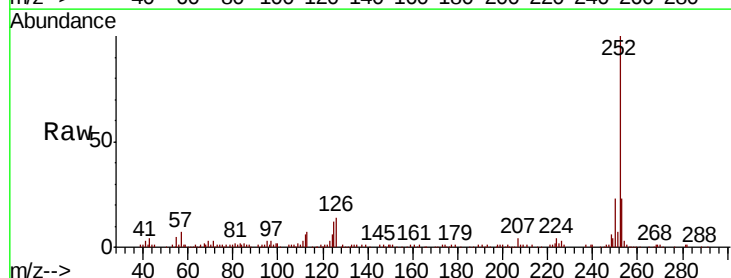
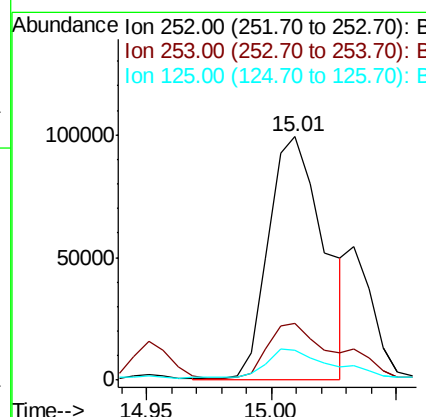
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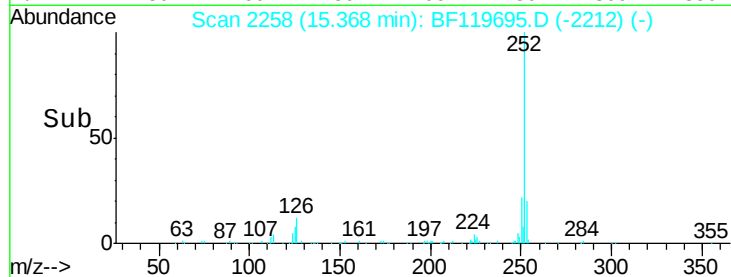
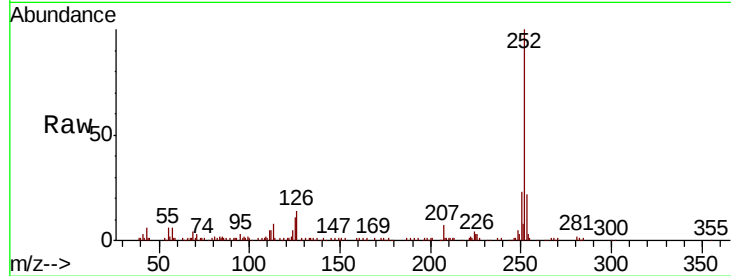
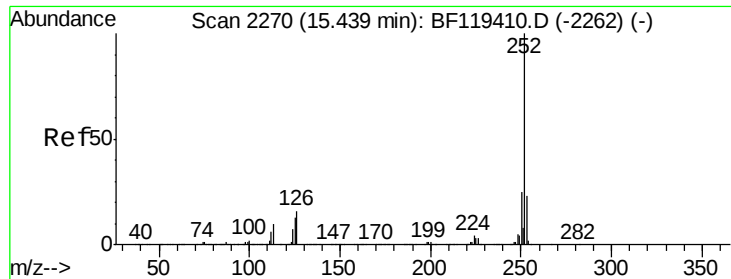
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#88
Benzo(b)fluoranthene
Concen: 3.287 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF119695.D
Acq: 2 Apr 2020 4:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	12.4	7.9	11.9





#90

Benzo(a)pyrene

Concen: 2.260 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.03 min

Lab File: BF119695.D

Acq: 2 Apr 2020 4:24

Instrument :

BNA_F

ClientSampleId :

SB-3J-(0-2)

Tot Ion:	252	Resp:	95553
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.2	27.2
125	10.5	9.4	14.2

Manual Integrations
APPROVED

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