

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119888.D
 Acq On : 9 Apr 2020 23:42
 Operator : MA/SJ
 Sample : L2157-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226

Manual Integrations
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mohammad
 4/10/2020 9:57:59 AM

Quant Time: Apr 10 04:06:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	170361	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	581666	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	235375	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	359746	20.00	ng	0.00
76) Chrysene-d12	13.94	240	286165	20.00	ng	0.00
87) Perylene-d12	15.37	264	250658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1473577	149.48	ng	0.01
7) Phenol-d6	6.41	99	1821263	143.38	ng	0.00
23) Nitrobenzene-d5	7.33	82	1133425	100.81	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	333572	115.75	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1522054	91.81	ng	0.00
79) Terphenyl-d14	12.89	244	1221374	71.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.53	163	325654	17.887	ng	98
71) Phenanthrene	11.32	178	49315	2.576	ng	98
75) Fluoranthene	12.51	202	109781	5.314	ng	95
78) Pyrene	12.74	202	98964	4.102	ng	99
81) Benzo(a)anthracene	13.93	228	42864	2.277	ng	94
83) Chrysene	13.96	228	47358	2.476	ng	99
88) Benzo(b)fluoranthene	14.96	252	60649m	3.363	ng	
90) Benzo(a)pyrene	15.32	252	36054	2.378	ng	# 91

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

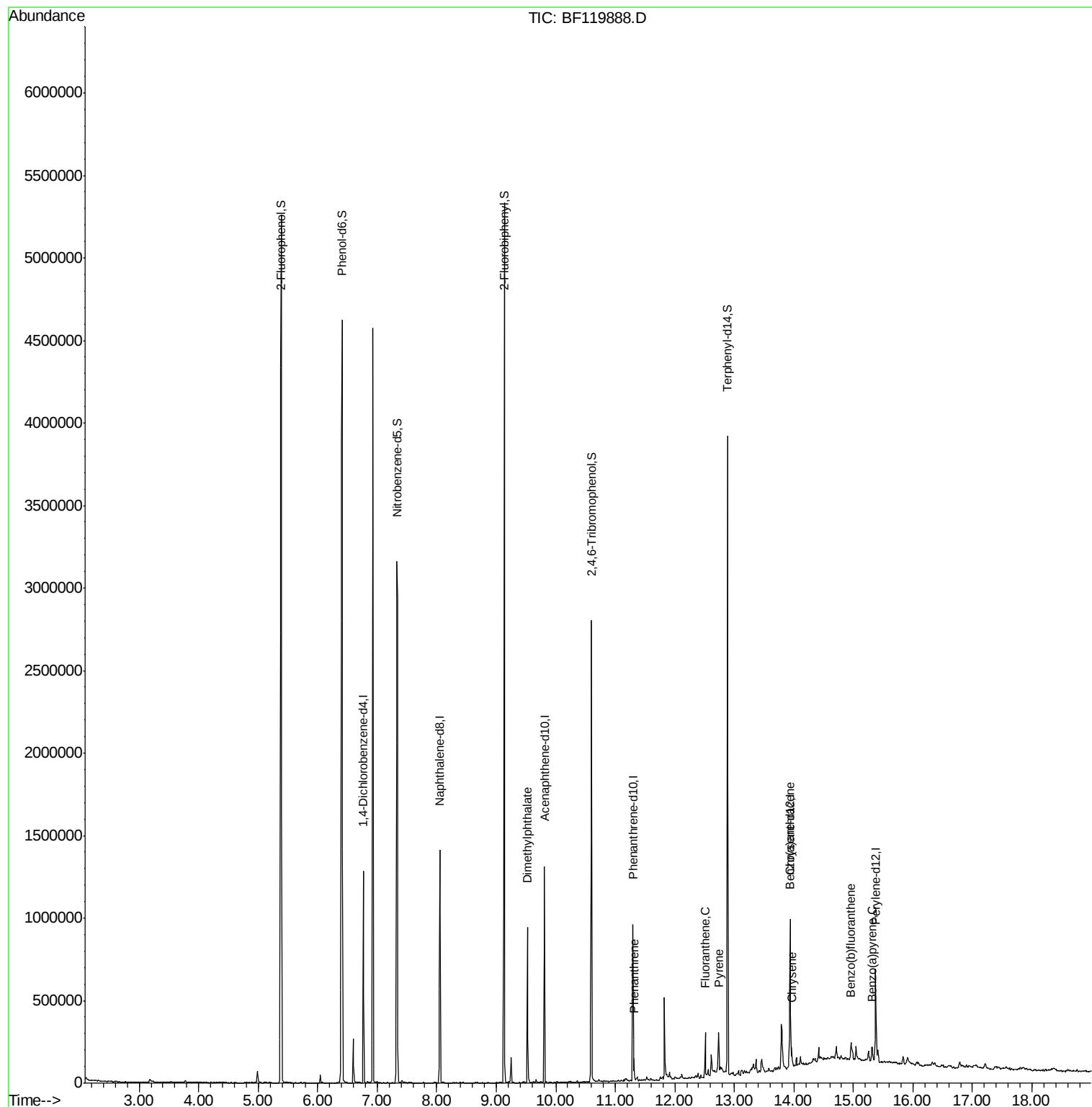
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119888.D
Acq On : 9 Apr 2020 23:42
Operator : MA/SJ
Sample : L2157-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

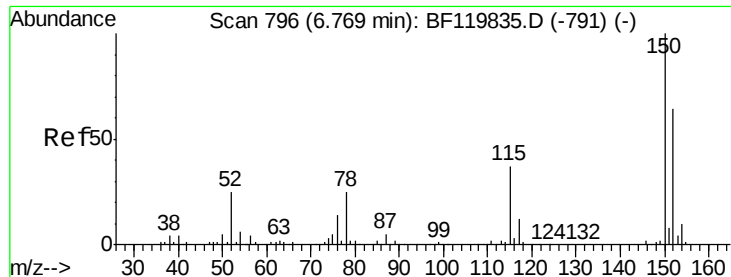
Instrument :
BNA_F
ClientSampleId :
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#1

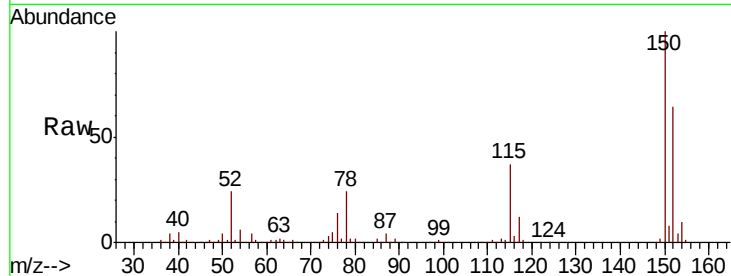
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Instrument :
BNA_F
ClientSampleId :
VNJ-226

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.8	187.2
115	58.7	46.5	69.7

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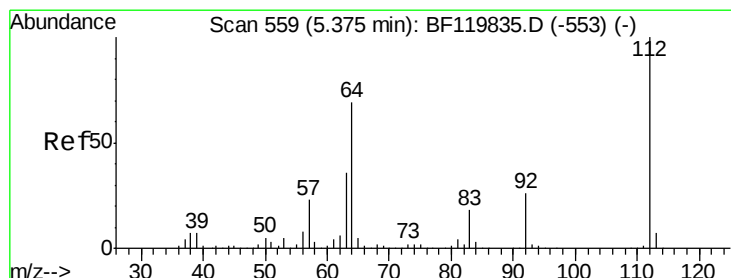
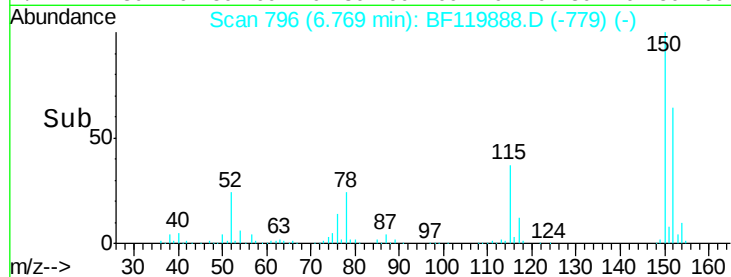
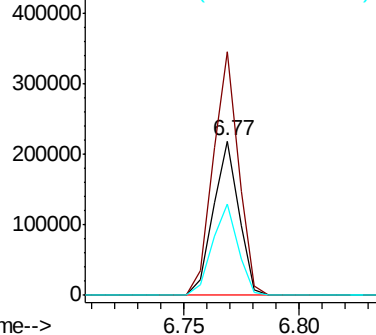


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

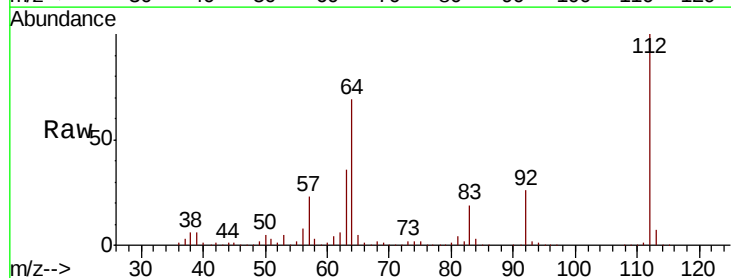
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 149.483 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	55.5	83.3
63	36.0	29.1	43.7

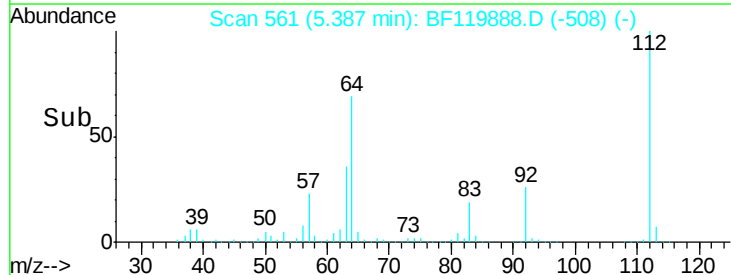
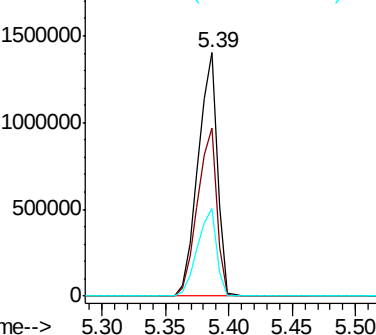


Abundance

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: 143.381 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119888.D

Acq: 9 Apr 2020 23:42

Instrument :

BNA_F

ClientSampleId :

VNJ-226

Tot Ion: 99 Resp: 1821263

Ion Ratio Lower Upper

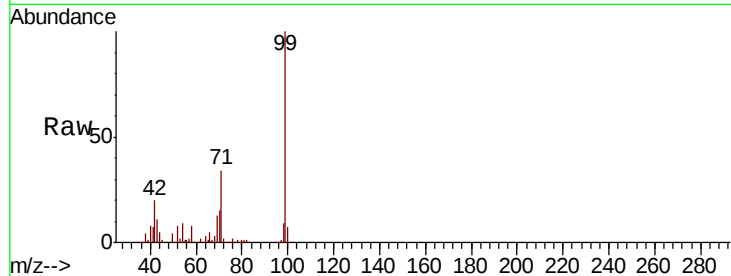
99 100

42 20.5 16.9 25.3

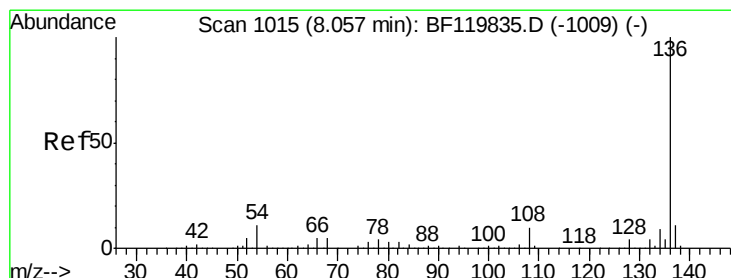
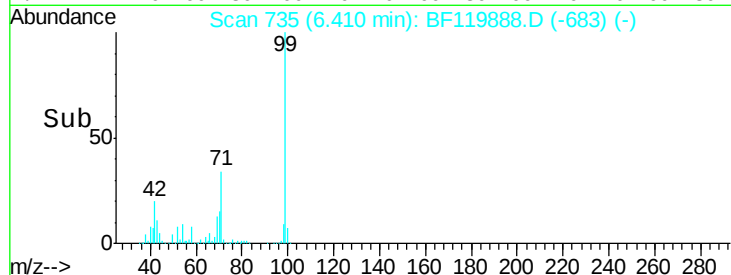
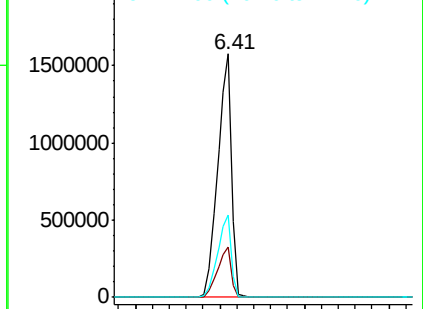
71 33.7 26.3 39.5

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119888.D

Acq: 9 Apr 2020 23:42

Tgt Ion: 136 Resp: 581666

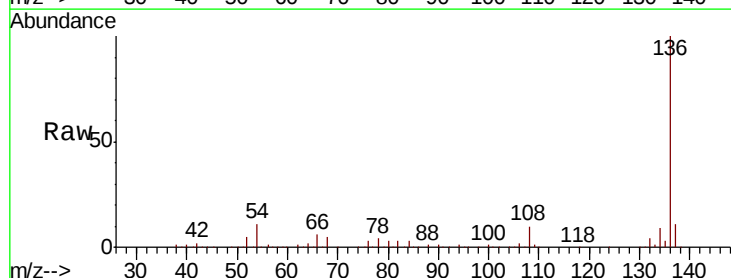
Ion Ratio Lower Upper

136 100

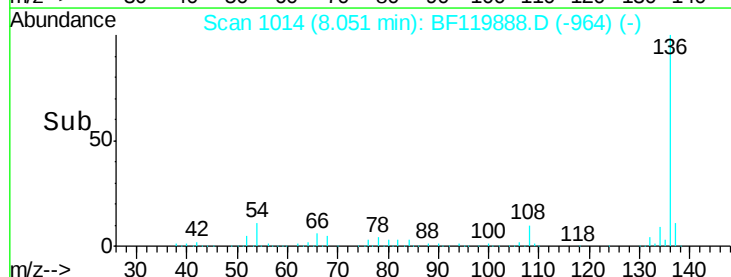
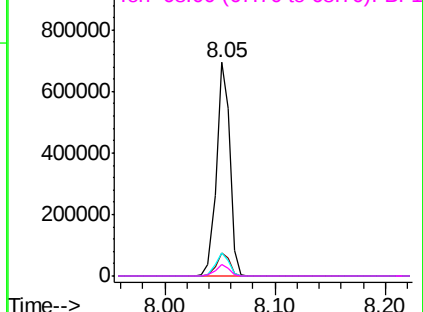
137 10.9 8.7 13.1

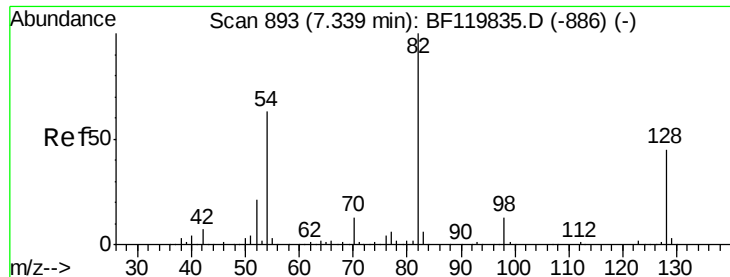
54 11.0 8.5 12.7

68 5.3 3.9 5.9



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





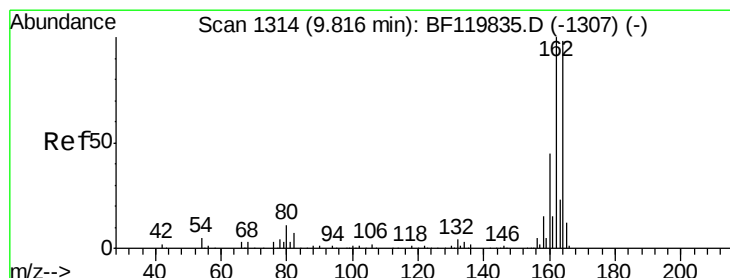
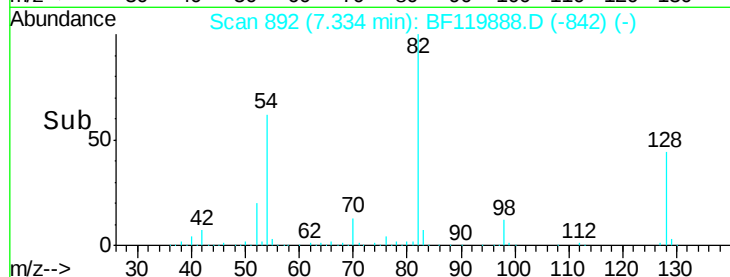
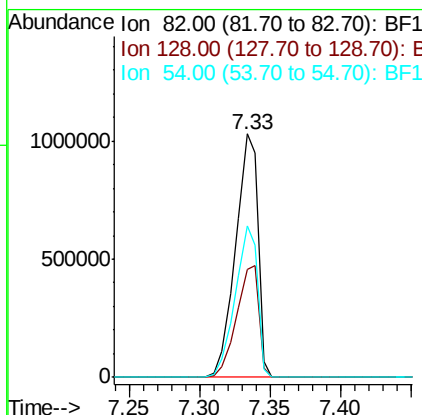
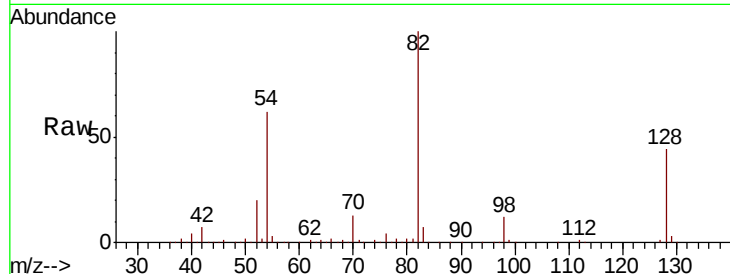
#23
Nitrobenzene-d5
Concen: 100.807 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Instrument :
BNA_F
ClientSampleId :
VNJ-226

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.2	54.4
54	62.4	50.4	75.6

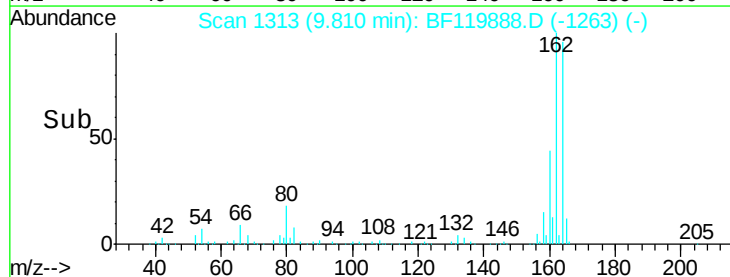
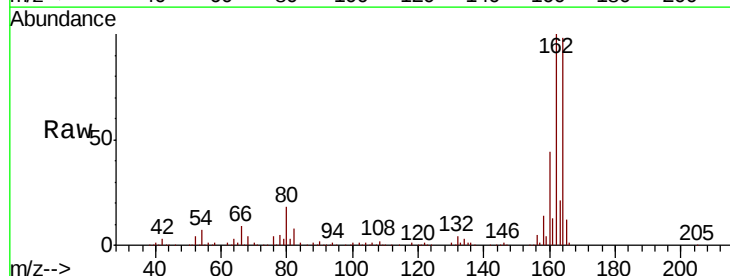
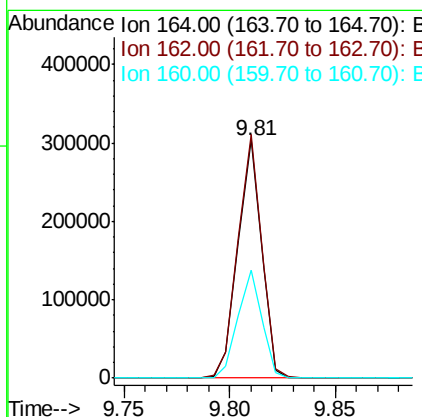
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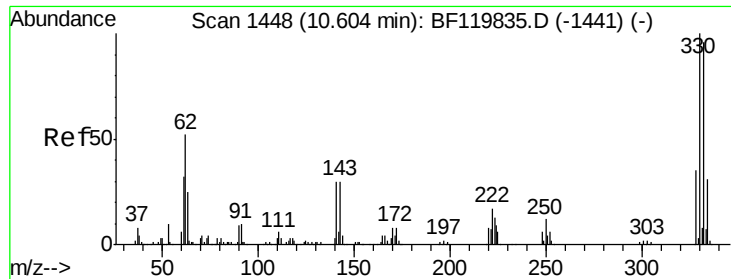
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.9	122.9
160	45.2	36.6	54.8





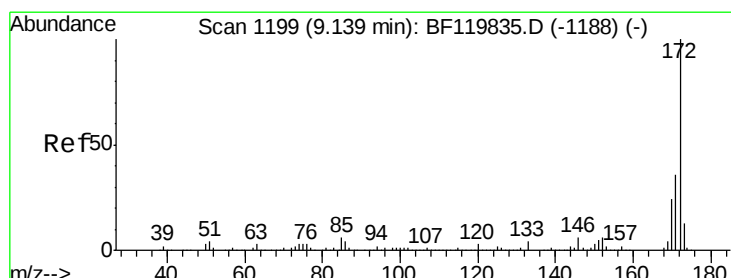
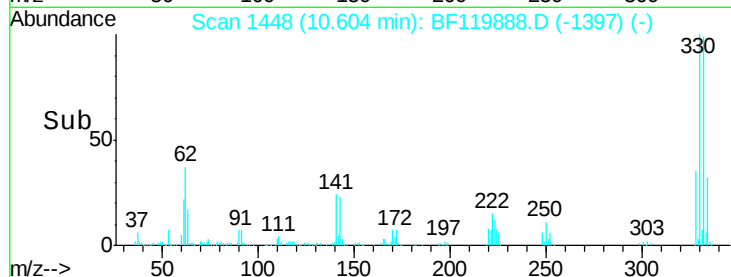
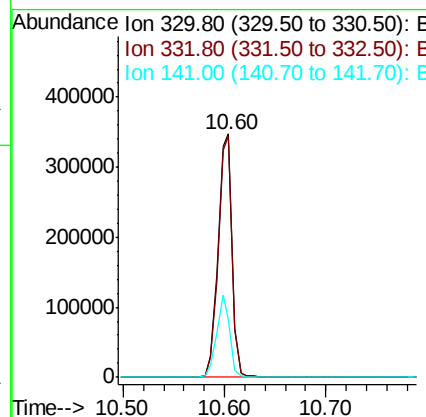
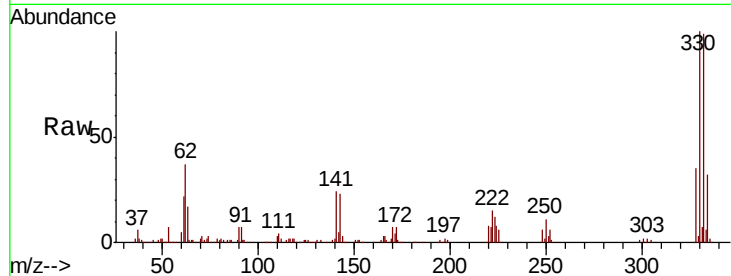
#42
 2,4,6-Tribromophenol
 Concen: 115.752 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF119888.D
 Acq: 9 Apr 2020 23:42

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	31.4	25.1	37.7

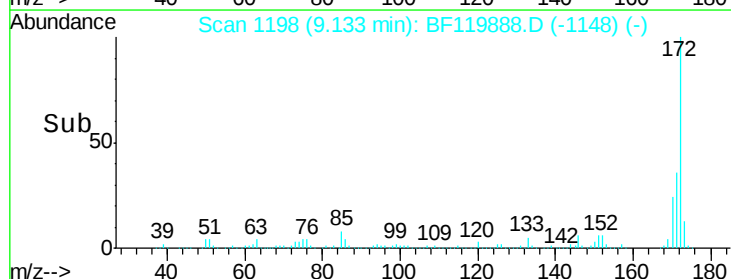
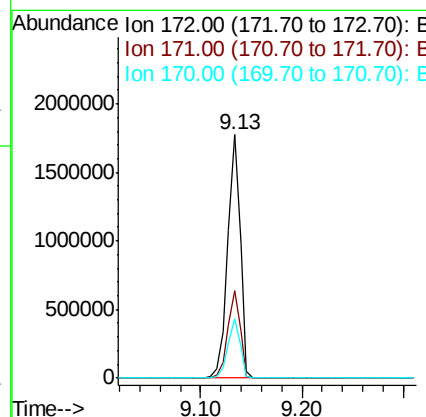
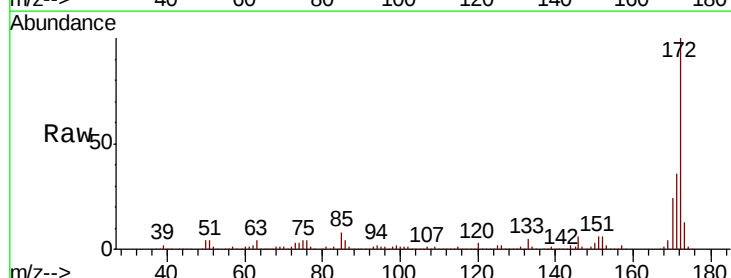
Manual Integrations
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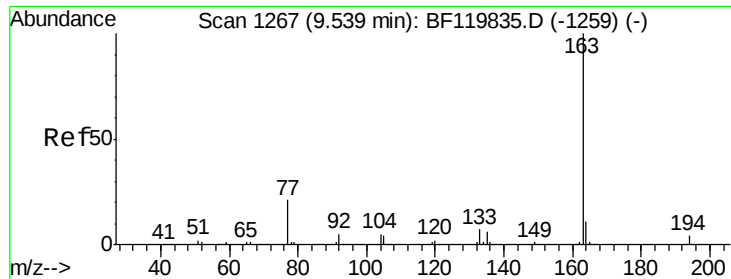
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#45
 2-Fluorobiphenyl
 Concen: 91.810 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119888.D
 Acq: 9 Apr 2020 23:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.4	19.4	29.2





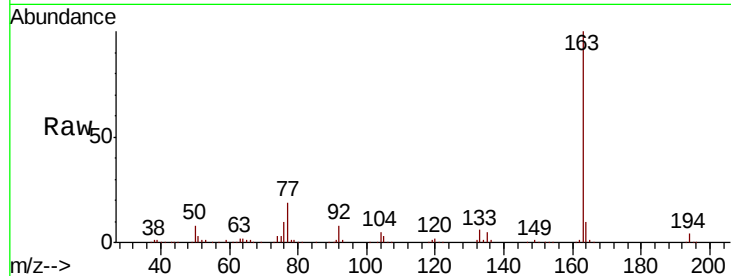
#50
Dimethylphthalate
Concen: 17.887 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Instrument :
BNA_F
ClientSampleId :
VNJ-226

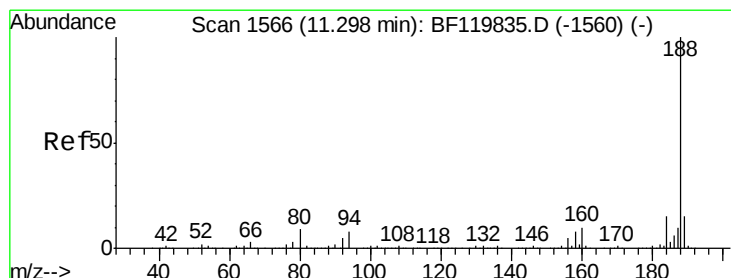
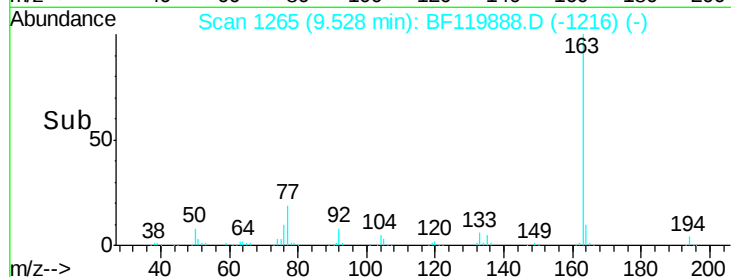
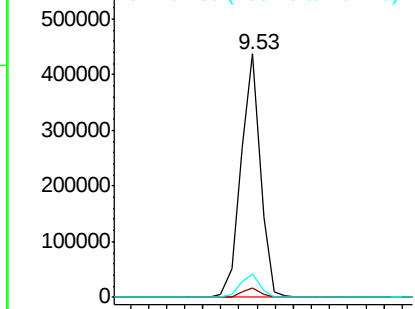
Tot Ion	Ratio	Resp	Lower	Upper
163	100	325654		
194	3.8		3.0	4.4
164	9.8		8.4	12.6

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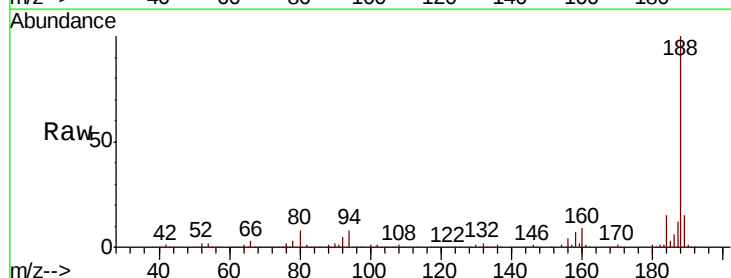


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

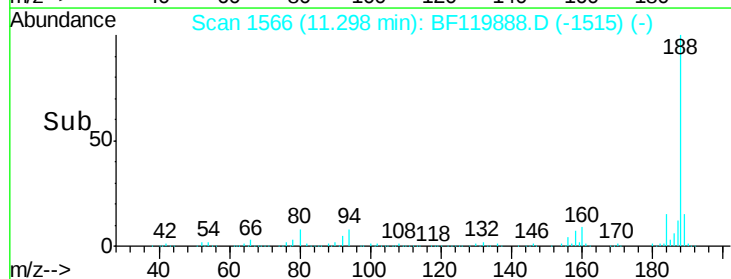
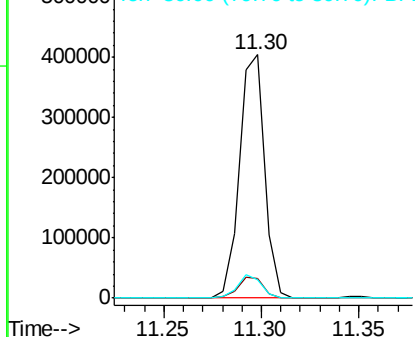


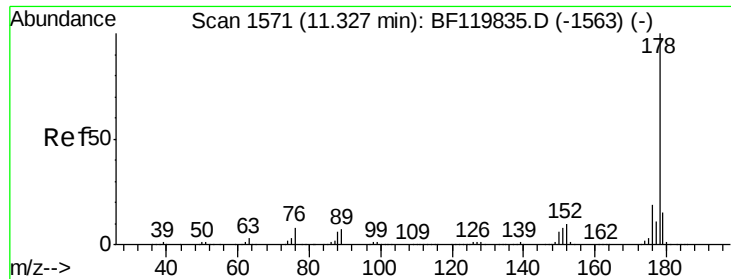
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	359746		
94	8.3		6.7	10.1
80	7.8		7.4	11.2



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





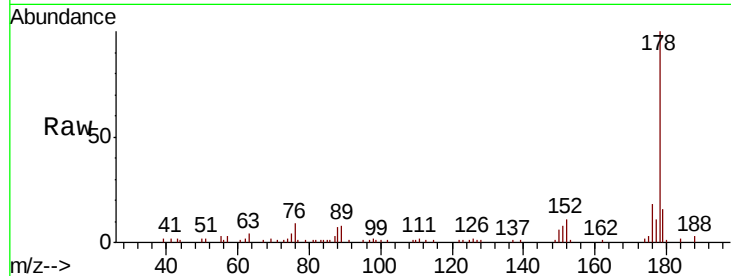
#71
Phenanthrene
Concen: 2.576 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Instrument :
BNA_F
ClientSampleId :
VNJ-226

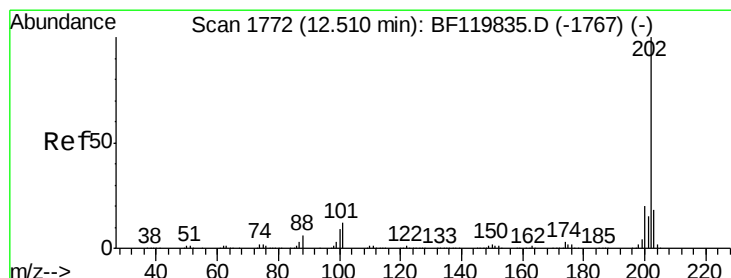
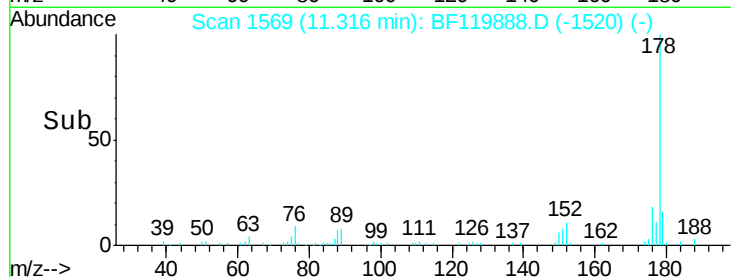
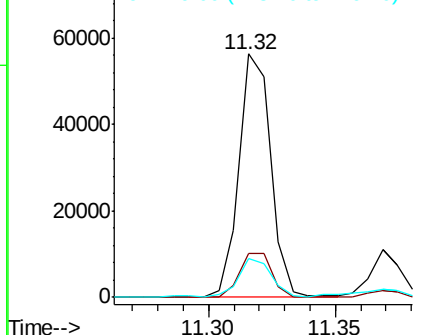
Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.1	22.7
179	15.9	12.2	18.4

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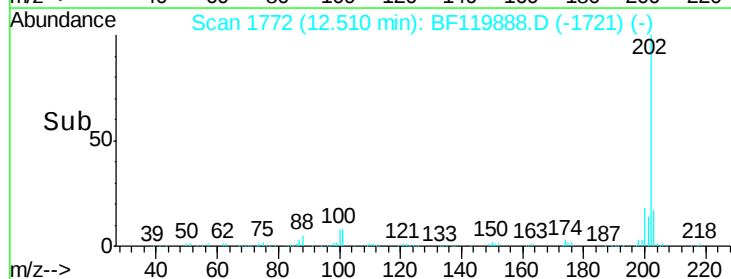
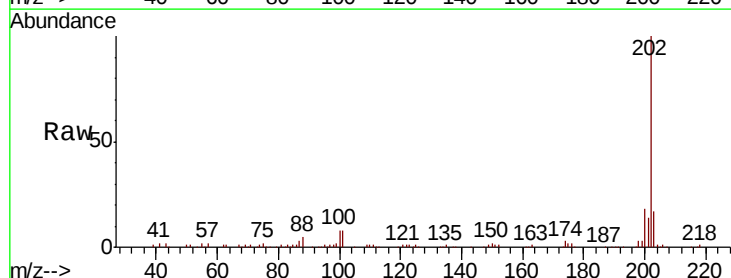
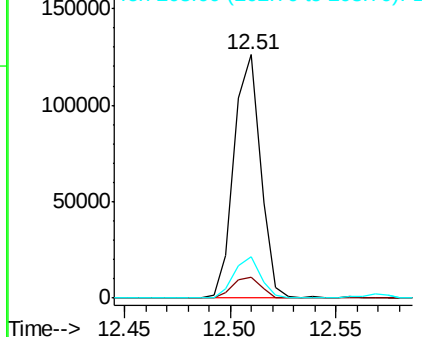
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

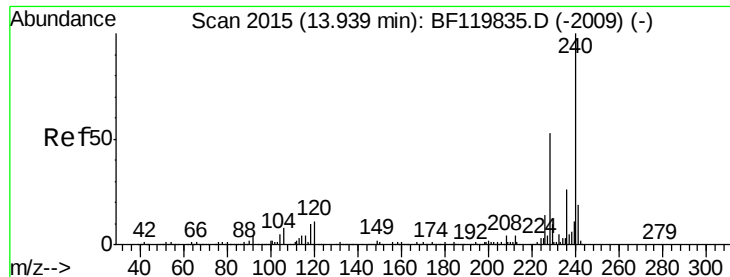


#75
Fluoranthene
Concen: 5.314 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	32.3
203	17.2	0.0	37.6

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





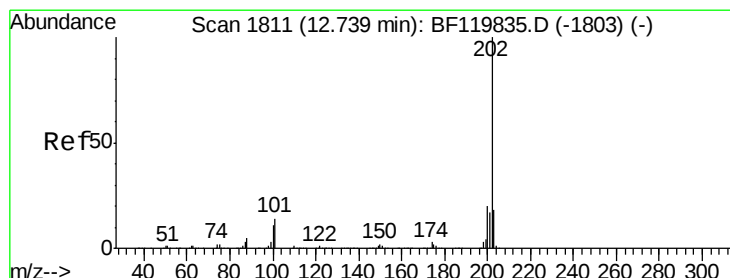
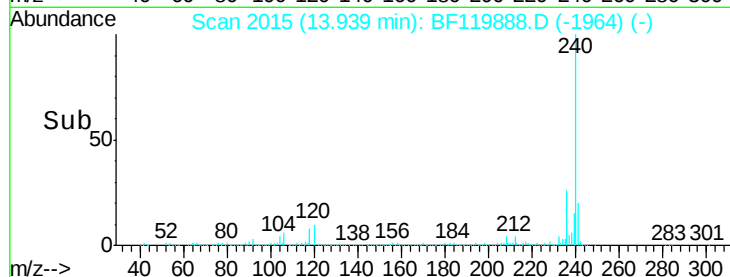
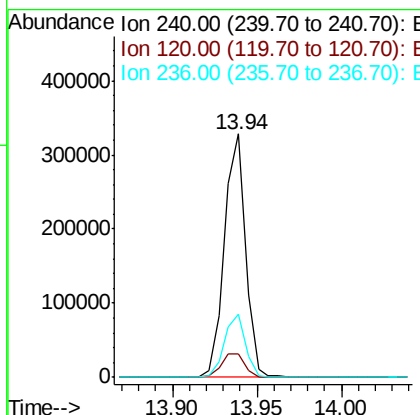
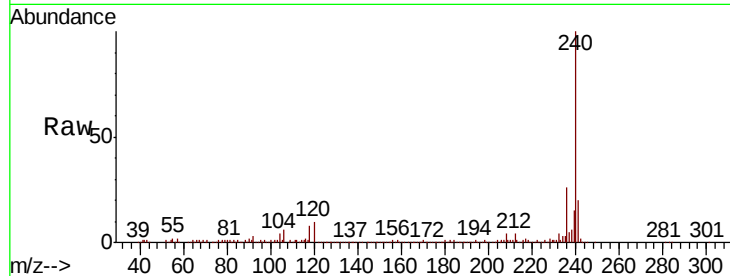
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Instrument :
BNA_F
ClientSampleId :
VNJ-226

Tot Ion	Ratio	Resp	Lower	Upper
240	100	286165		
120	9.5		9.0	13.6
236	26.0		20.7	31.1

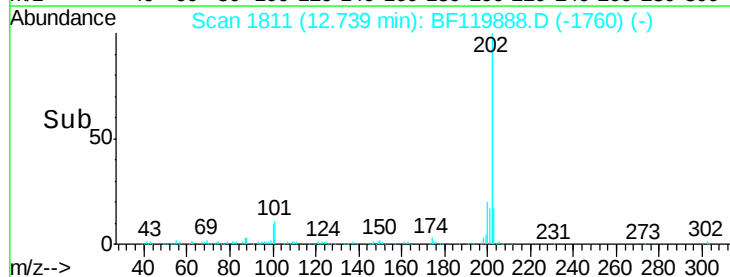
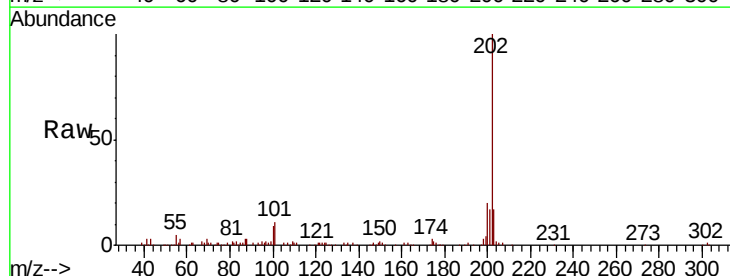
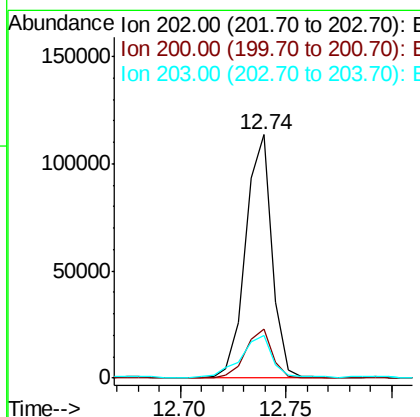
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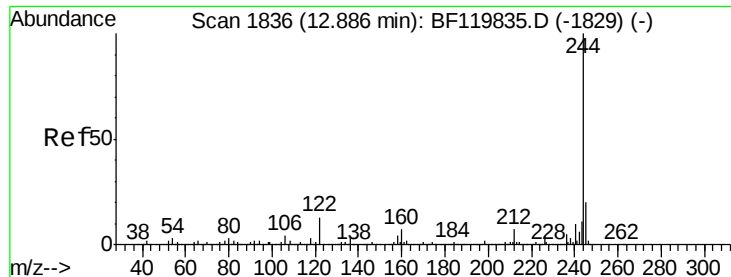
mohammad
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#78
Pyrene
Concen: 4.102 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	98964		
200	20.0		16.2	24.2
203	17.3		14.1	21.1





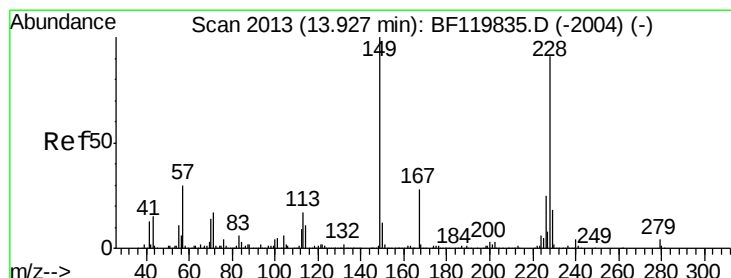
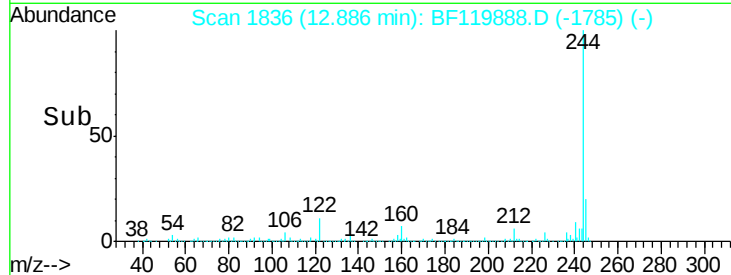
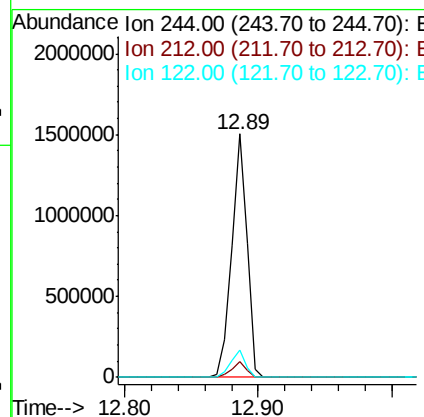
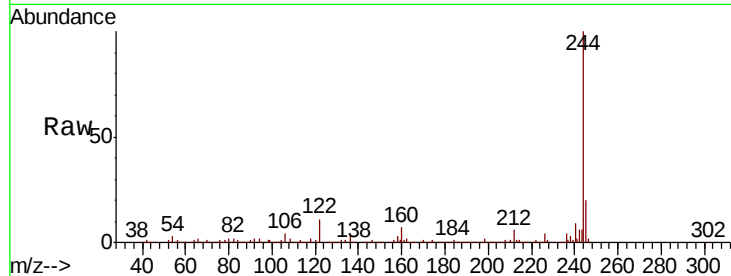
#79
 Terphenyl-d14
 Concen: 71.817 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BF119888.D
 Acq: 9 Apr 2020 23:42

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-226

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.2	10.3	15.5

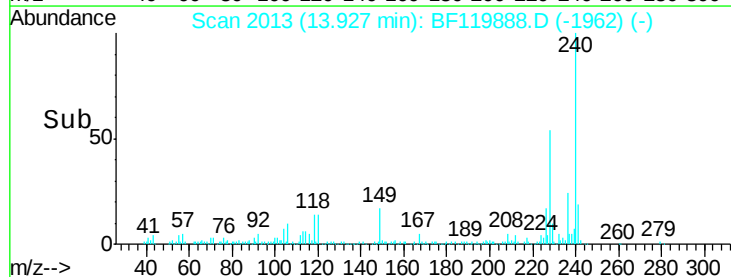
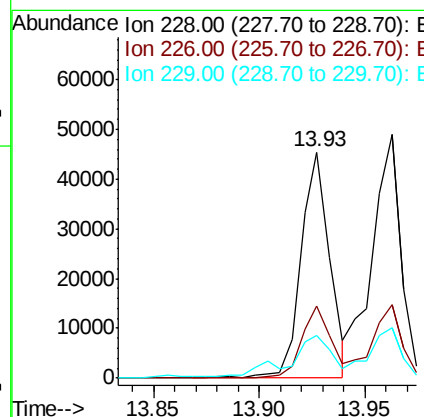
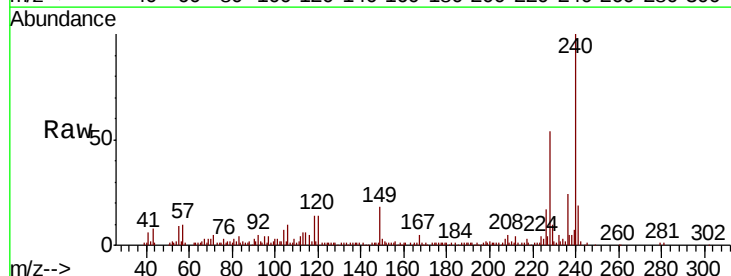
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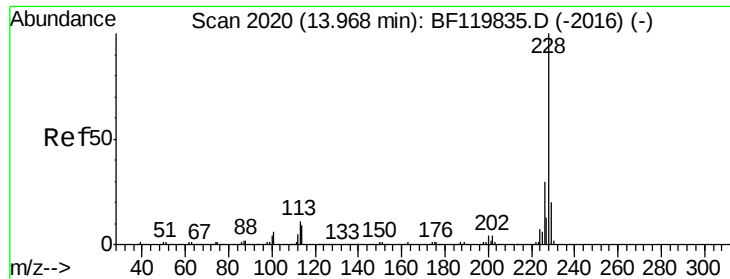
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.277 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF119888.D
 Acq: 9 Apr 2020 23:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.9	32.9
229	19.0	15.9	23.9





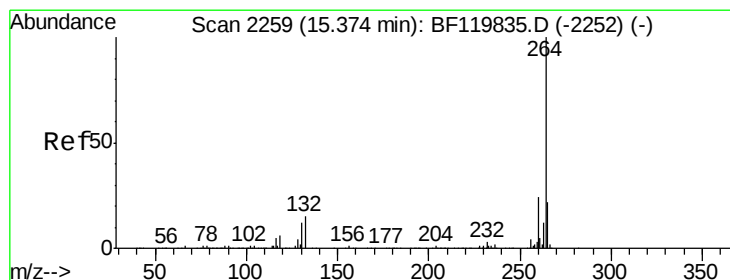
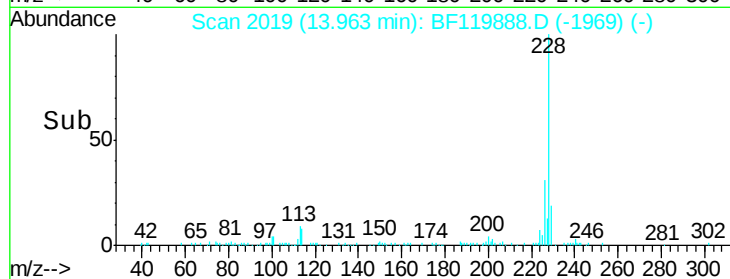
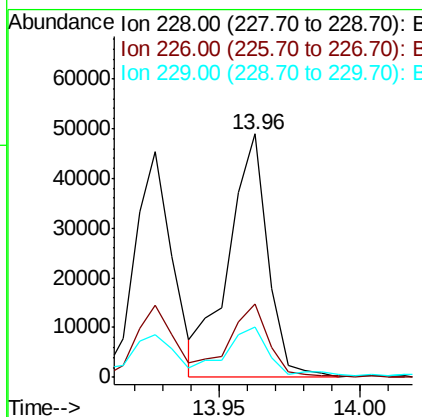
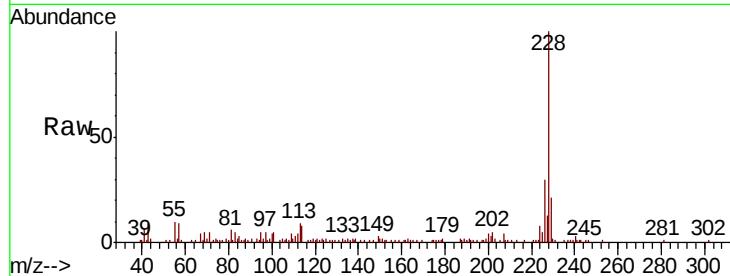
#83
Chrysene
Concen: 2.476 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Instrument :
BNA_F
ClientSampleId :
VNJ-226

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	20.7	15.9	23.9

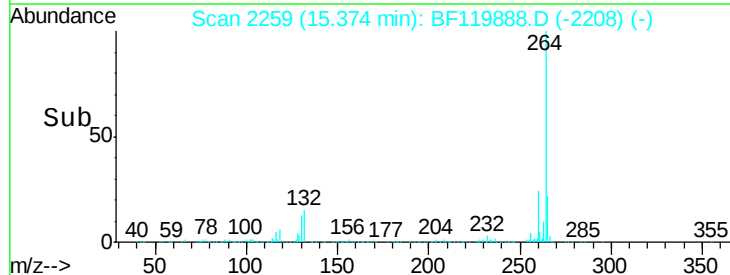
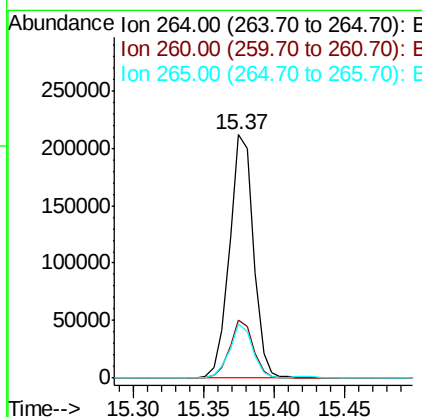
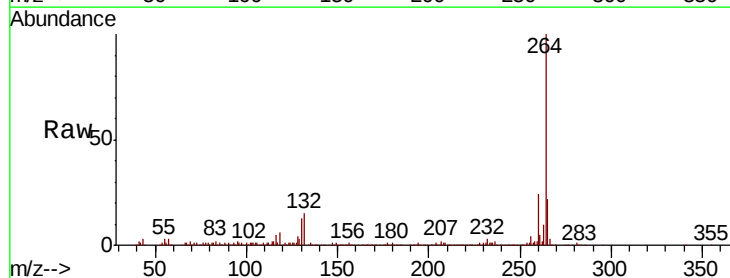
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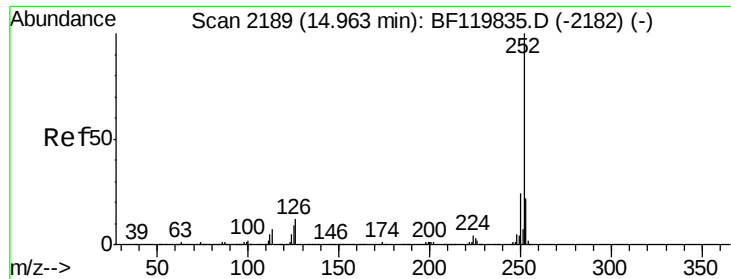
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.5	17.6	26.4





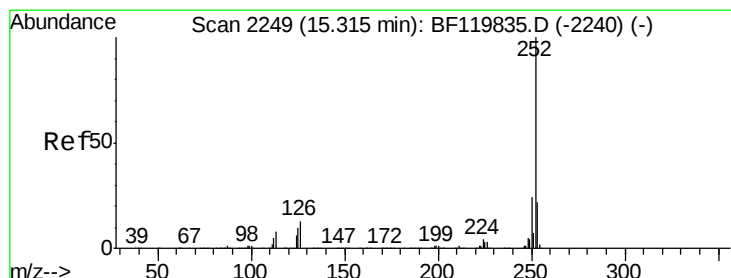
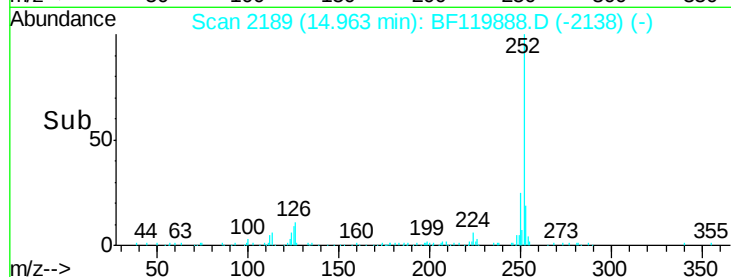
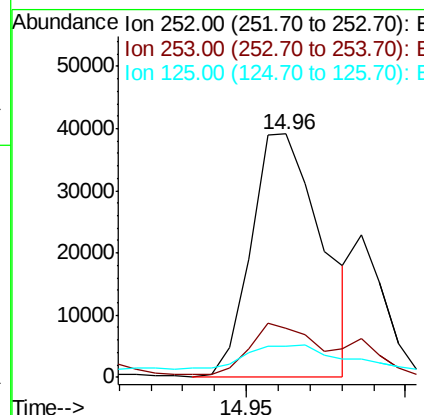
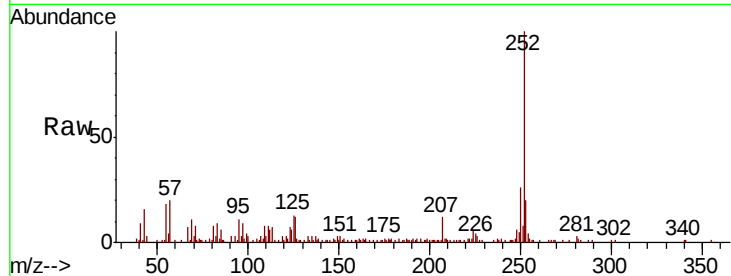
#88
Benzo(b)fluoranthene
Concen: 3.363 ng m
RT: 14.96 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Instrument :
BNA_F
ClientSampleId :
VNJ-226

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.7	26.5
125	12.9	7.4	11.2

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.378 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BF119888.D
Acq: 9 Apr 2020 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	15.8	8.3	12.5

