

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118080.D
 Acq On : 3 Dec 2019 23:35
 Operator : JU
 Sample : K6069-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Manual Integrations
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 12/4/2019 5:02:05 PM

Quant Time: Dec 04 02:24:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	135145	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	501091	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	240161	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	393486	20.00	ng	0.00
76) Chrysene-d12	14.08	240	293376	20.00	ng	0.00
87) Perylene-d12	15.59	264	283807	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	715104	93.66	ng	0.00
7) Phenol-d6	6.51	99	876955	95.23	ng	0.00
23) Nitrobenzene-d5	7.44	82	528707	62.72	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	246176	96.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1060486	79.22	ng	0.00
79) Terphenyl-d14	13.02	244	1036208	64.55	ng	0.00
Target Compounds						
10) Phenol	6.52	94	23296	2.434	ng	94
50) Dimethylphthalate	9.63	163	168268	9.992	ng	99
71) Phenanthrene	11.45	178	108797	5.499	ng	98
75) Fluoranthene	12.64	202	179358	2.919	ng	97
78) Pyrene	12.87	202	171175	7.220	ng	97
81) Benzo(a)anthracene	14.07	228	100281	5.173	ng	# 95
83) Chrysene	14.10	228	88461	4.709	ng	# 94
86) Indeno(1,2,3-cd)pyrene	17.10	276	54400	3.402	ng	97
88) Benzo(b)fluoranthene	15.14	252	133104m	7.219	ng	
89) Benzo(k)fluoranthene	15.16	252	43951m	2.530	ng	
90) Benzo(a)pyrene	15.52	252	88414	5.453	ng	# 82
92) Benzo(a,h,i)perylene	17.56	276	52564	3.781	ng	91

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

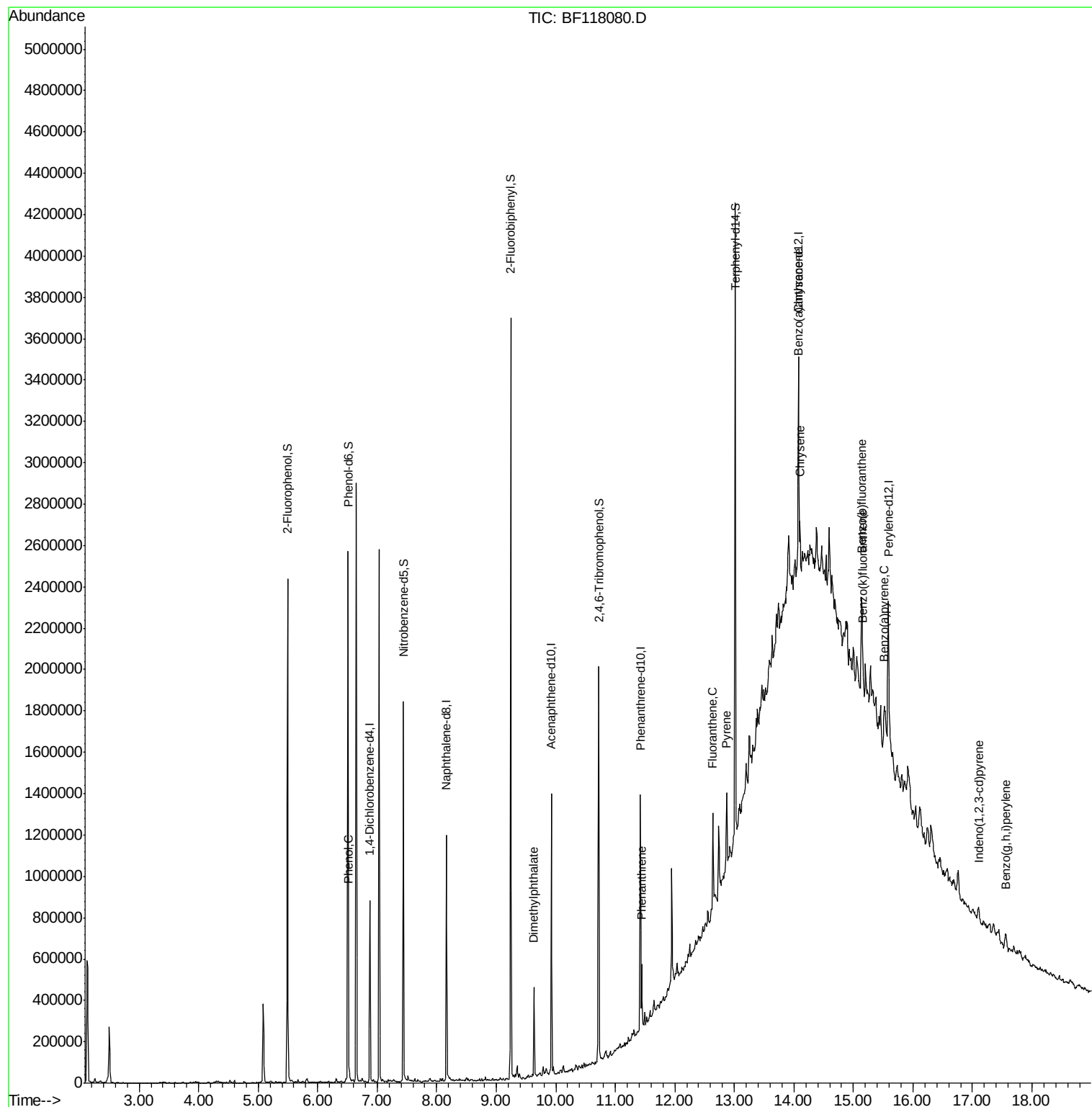
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118080.D
Acq On : 3 Dec 2019 23:35
Operator : JU
Sample : K6069-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

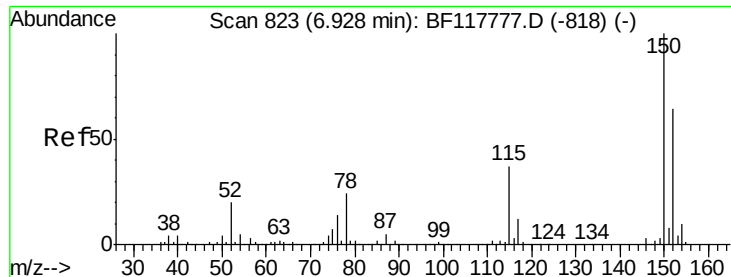
Instrument :
BNA_F
ClientSampleId :
SB-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

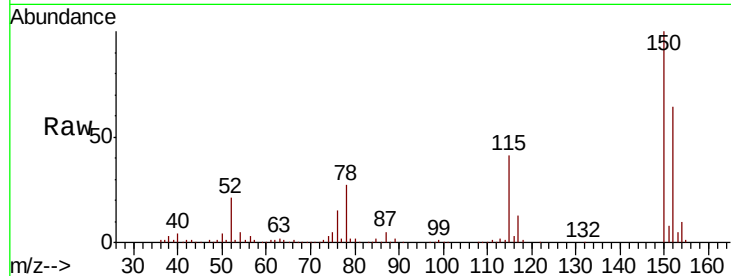
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Instrument :
BNA_F
ClientSampled :
SB-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.4	182.2
115	63.9	48.8	73.2

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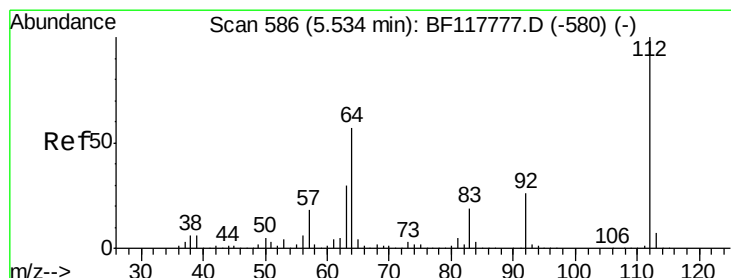
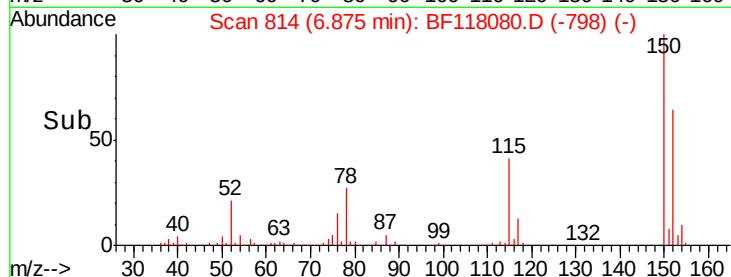
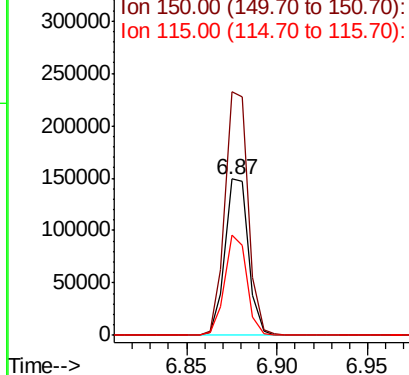


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

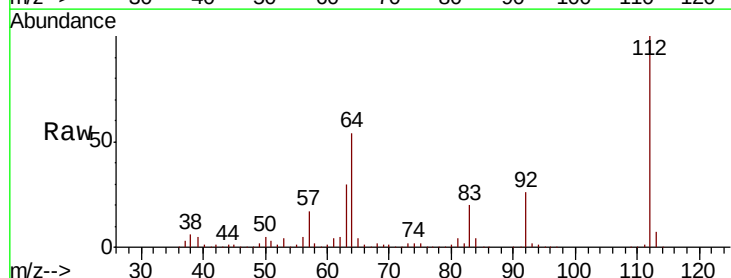
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.663 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.1	67.7
63	29.9	24.6	37.0

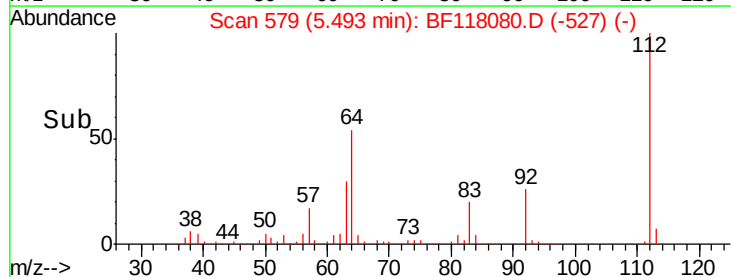
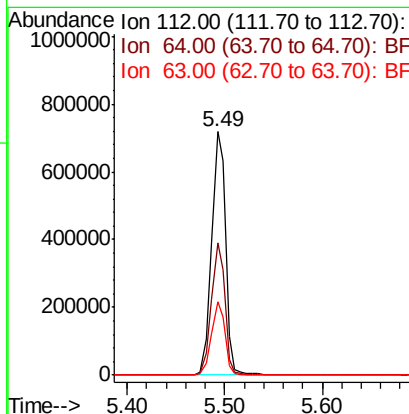


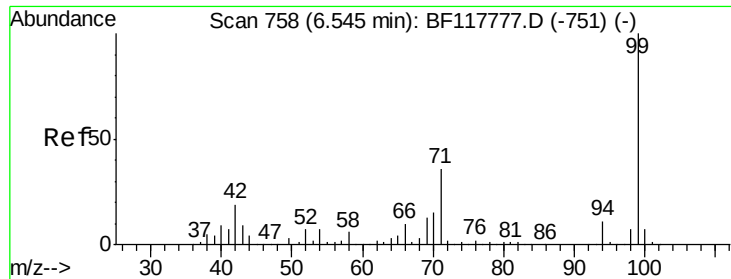
Abundance

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: 95.229 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118080.D

Acq: 3 Dec 2019 23:35

Instrument :

BNA_F

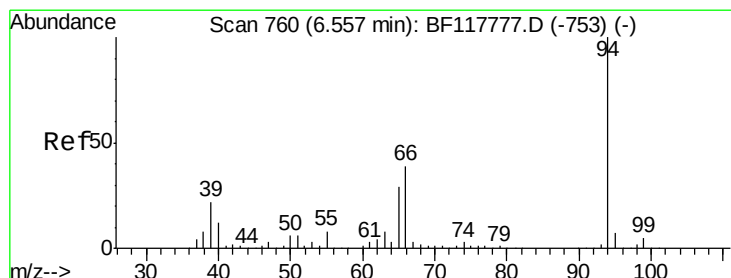
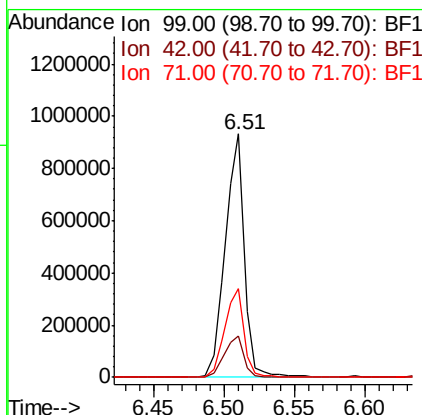
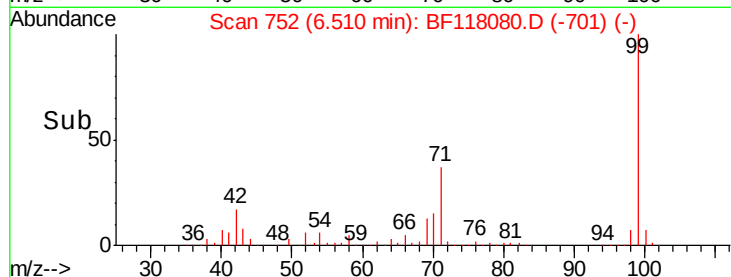
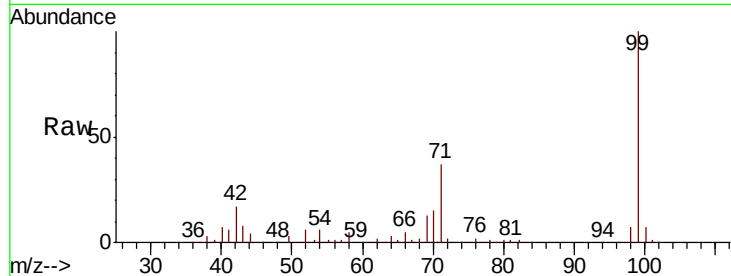
ClientSampled :

SB-2

Tot Ion:	99	Resp:	876955
Ion Ratio	Lower	Upper	
99	100		
42	17.0	14.0	21.0
71	36.5	29.2	43.8

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#10

Phenol

Concen: 2.434 ng

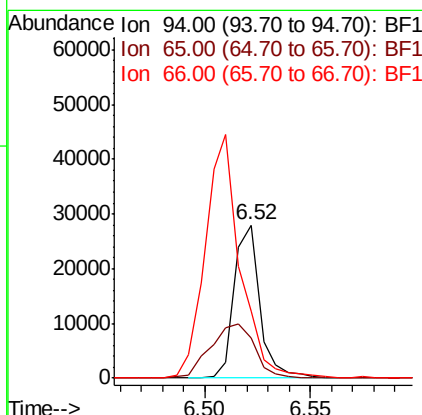
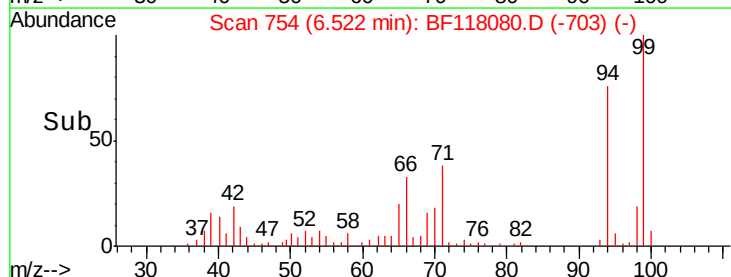
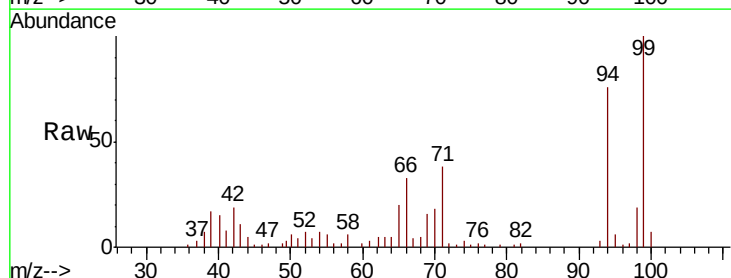
RT: 6.52 min Scan# 754

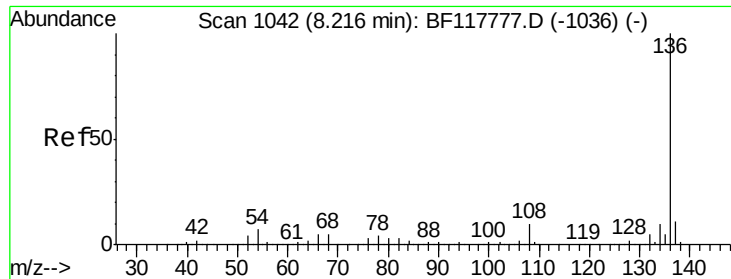
Delta R.T. 0.00 min

Lab File: BF118080.D

Acq: 3 Dec 2019 23:35

Tgt Ion:	94	Resp:	23296
Ion Ratio	Lower	Upper	
94	100		
65	25.8	6.9	46.9
66	43.5	18.6	58.6





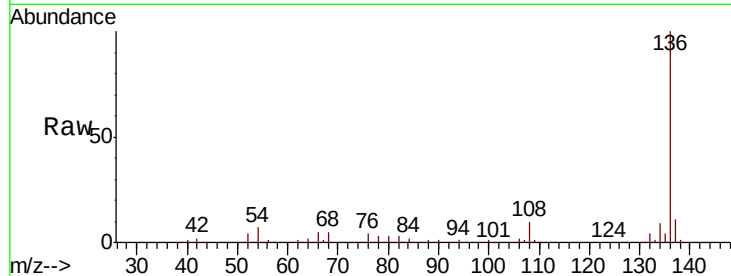
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

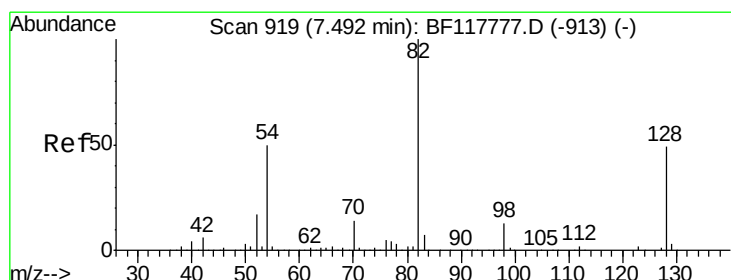
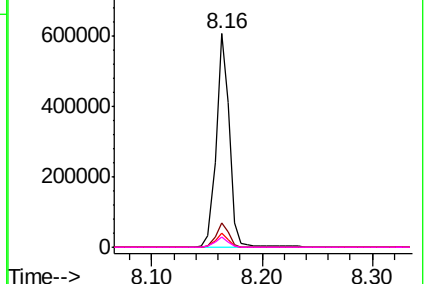
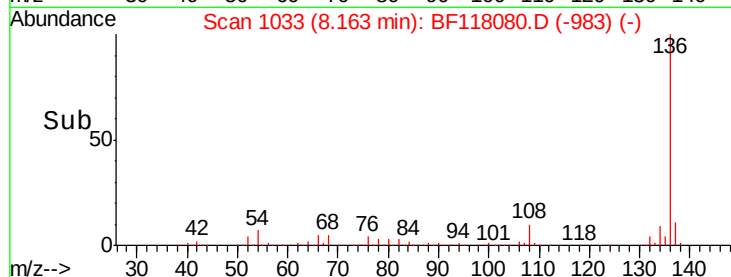
Tot Ion	Ratio	Resp	Lower	Upper
136	100	501091		
137	11.1		9.1	13.7
54	6.6		4.9	7.3
68	4.7		3.6	5.4

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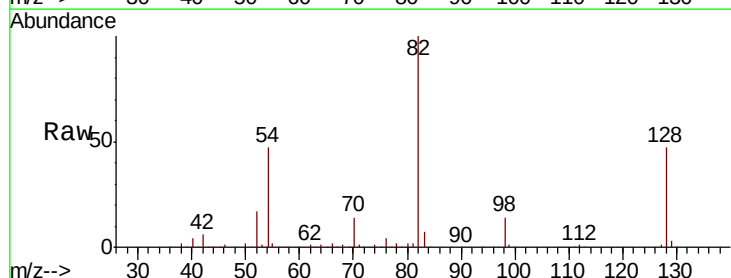


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

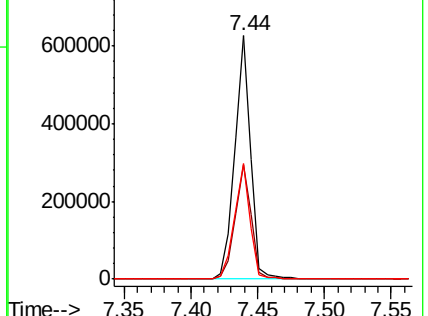
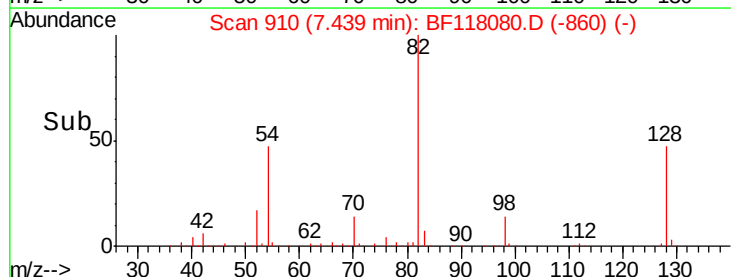


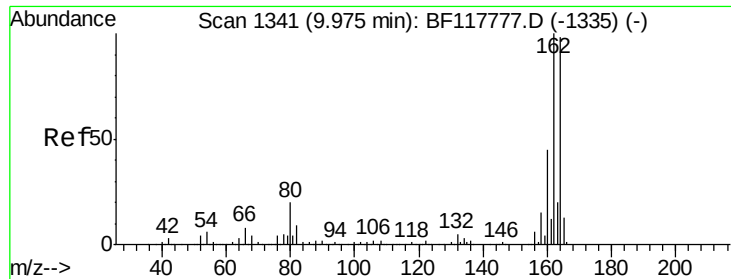
#23
Nitrobenzene-d5
Concen: 62.722 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	528707		
128	46.8		38.2	57.4
54	47.5		39.0	58.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





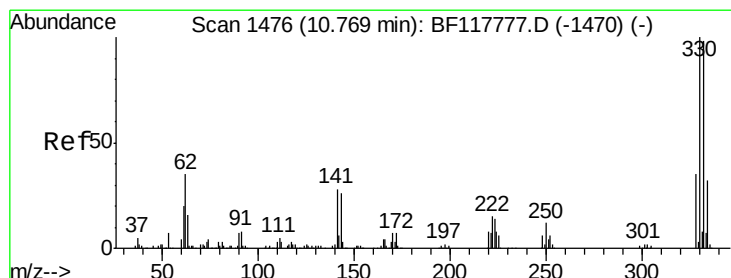
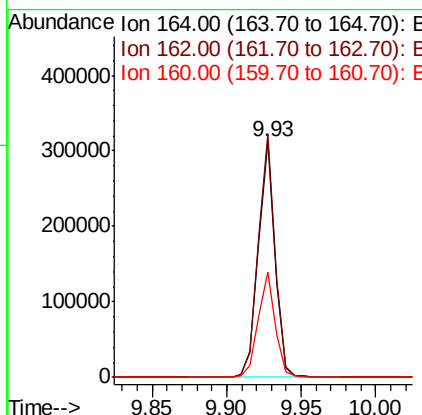
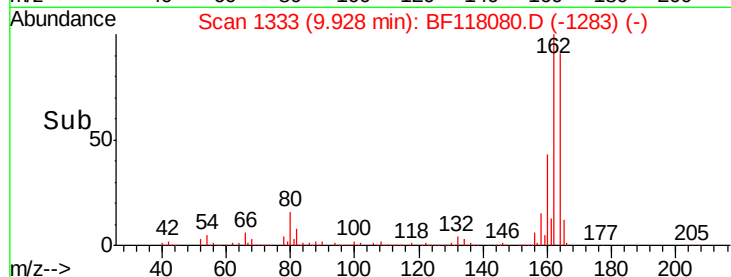
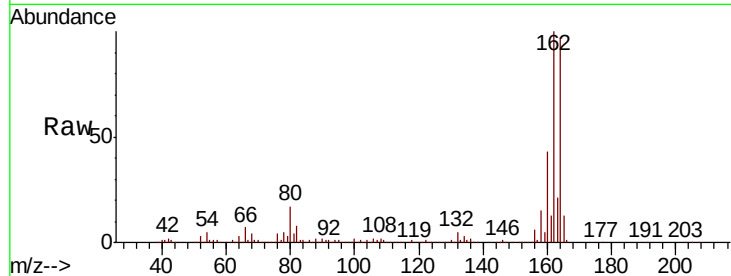
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	81.8	122.8	
160	45.0	35.9	53.9	

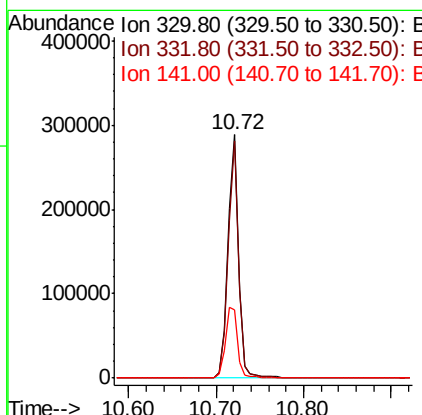
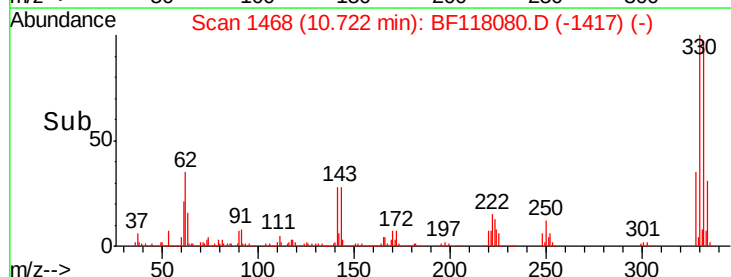
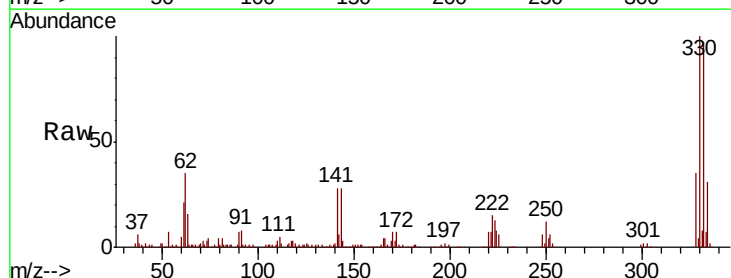
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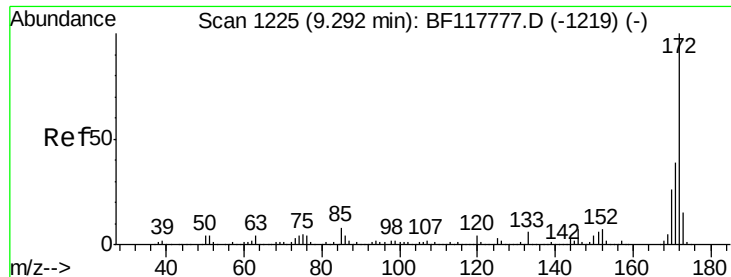
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#42
2,4,6-Tribromophenol
Concen: 96.822 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	78.3	117.5	
141	33.0	26.4	39.6	





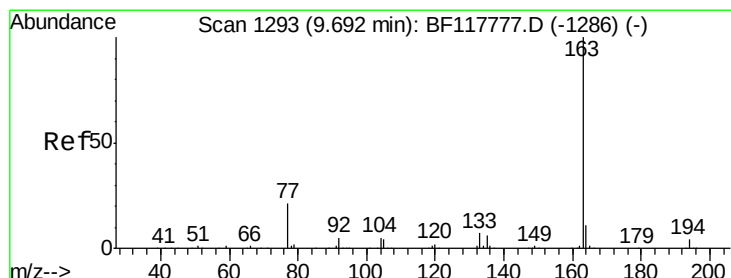
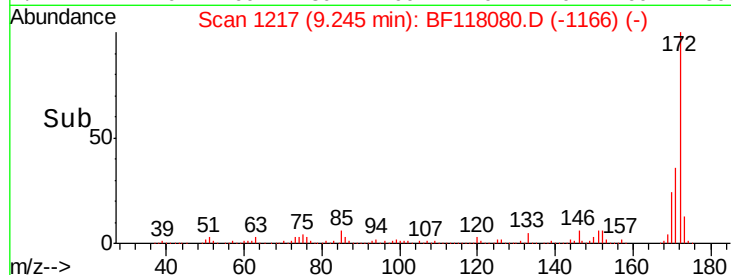
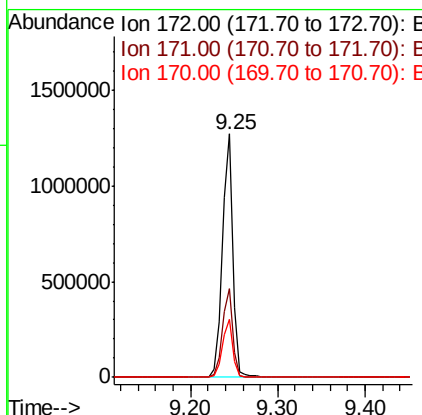
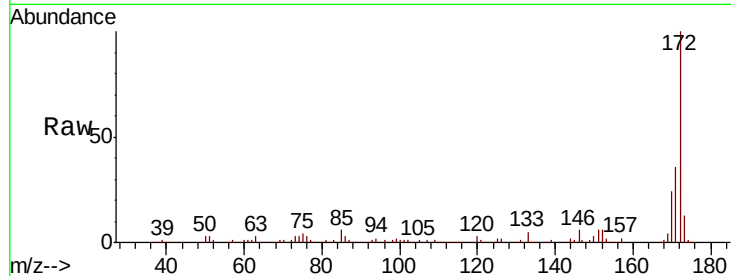
#45
2-Fluorobiphenyl
Concen: 79.220 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	23.8	19.3	28.9

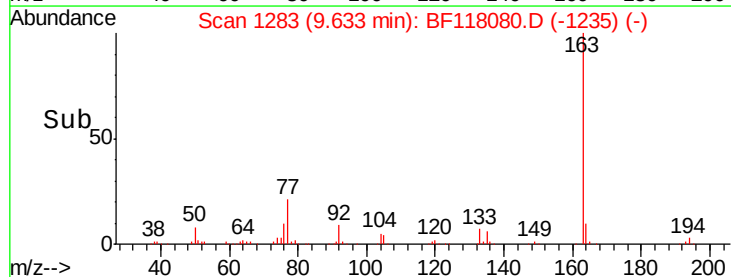
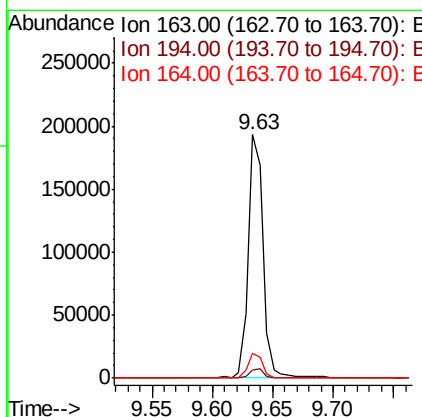
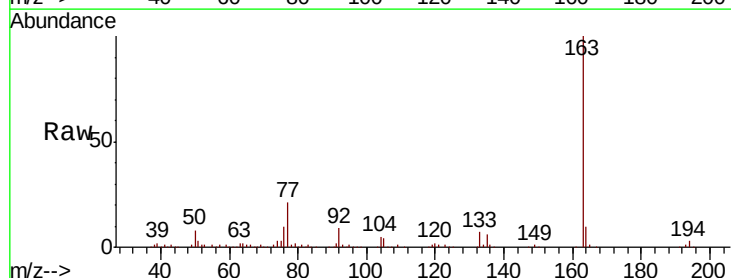
Manual Integrations
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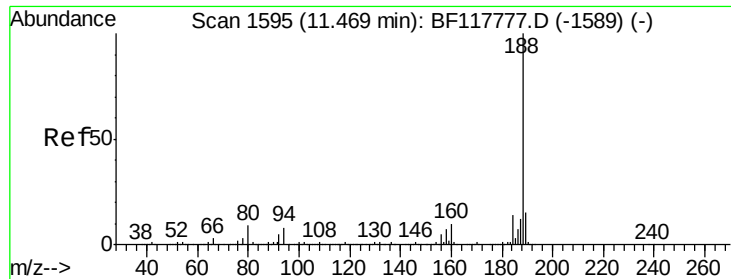
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#50
Dimethylphthalate
Concen: 9.992 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.1	4.7
164	10.2	7.9	11.9





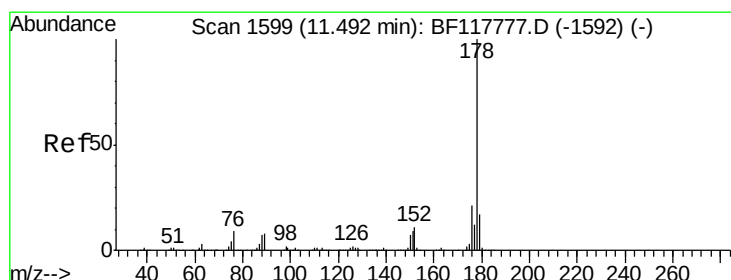
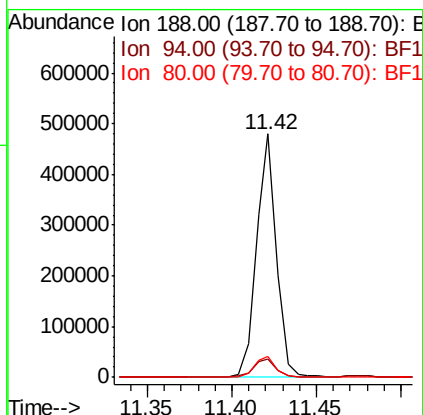
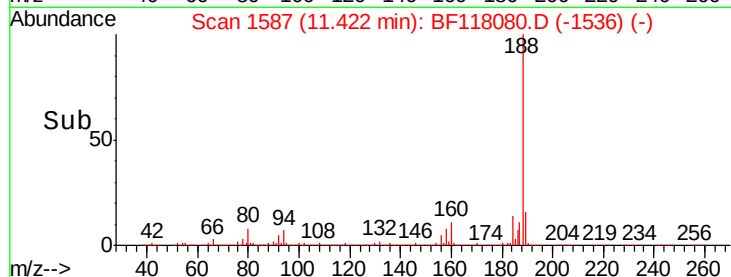
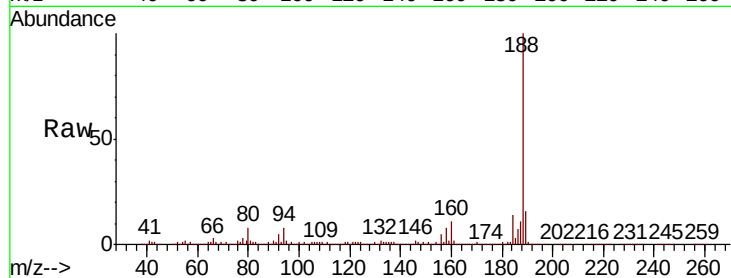
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	393486		
94	7.6		7.0	10.6
80	8.5		7.2	10.8

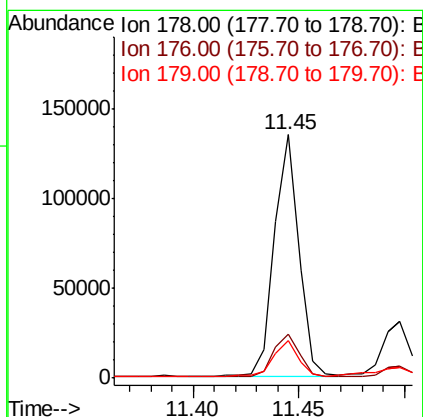
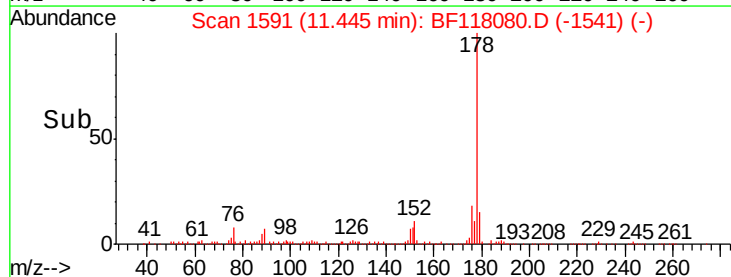
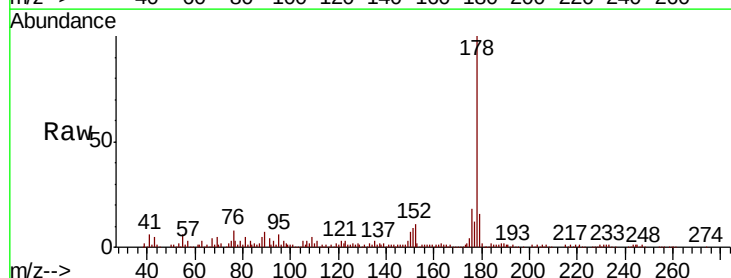
Manual Integrations
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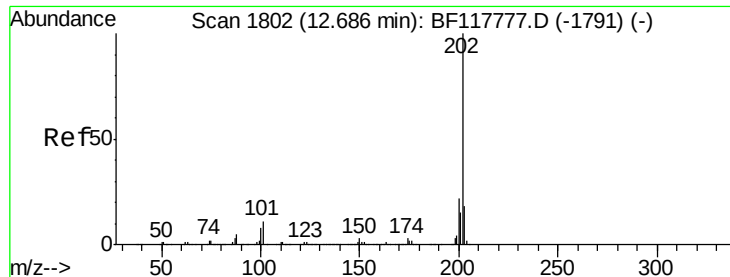
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#71
Phenanthrene
Concen: 5.499 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	108797		
176	18.1		15.4	23.0
179	15.7		12.3	18.5





#75

Fluoranthene

Concen: 2.919 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF118080.D

Acq: 3 Dec 2019 23:35

Instrument :

BNA_F

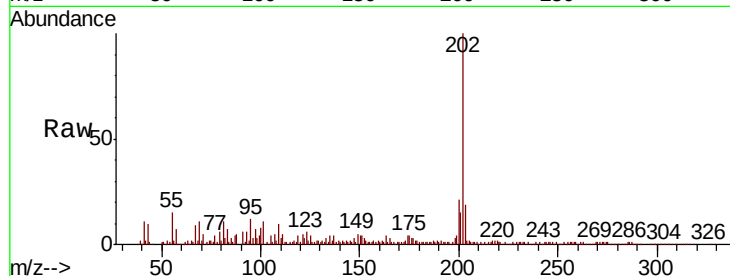
ClientSampled :

SB-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	31.5
203	19.1	0.0	37.6

Manual Integrations
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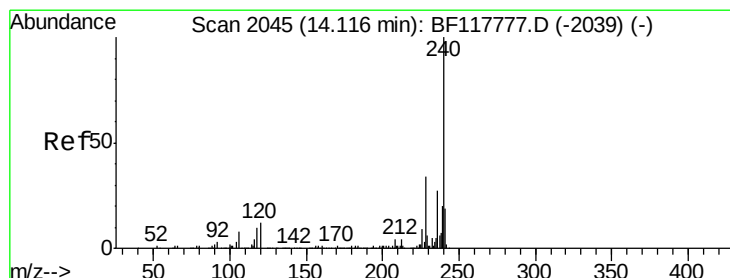
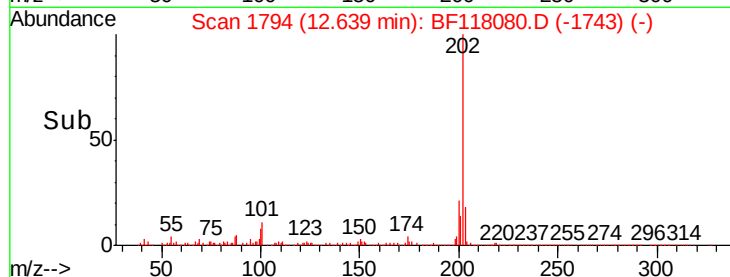
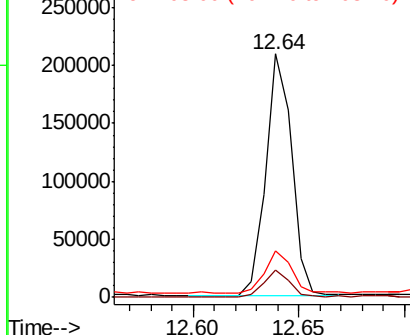


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118080.D

Acq: 3 Dec 2019 23:35

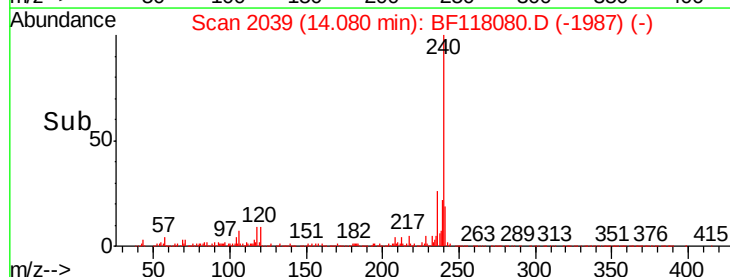
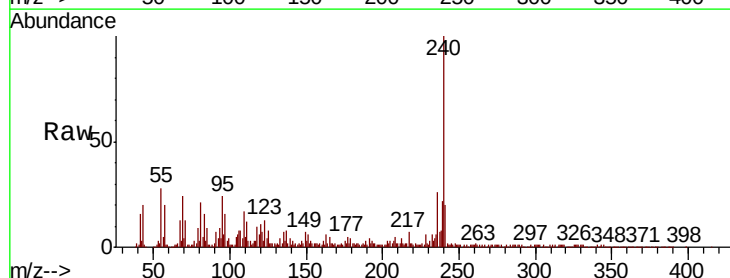
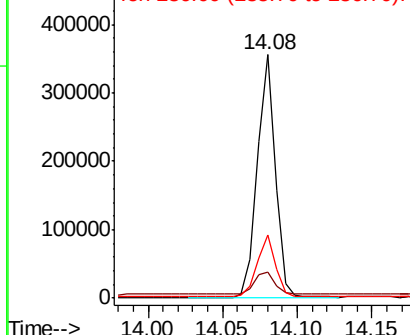
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.0	20.6	31.0

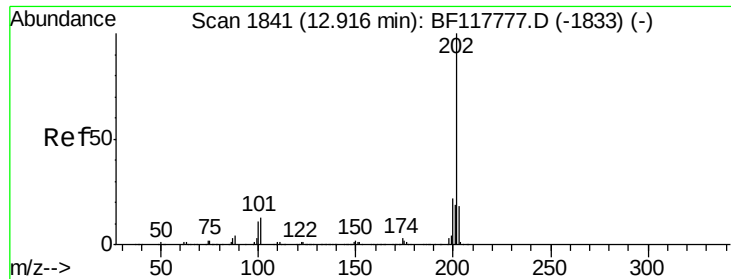
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





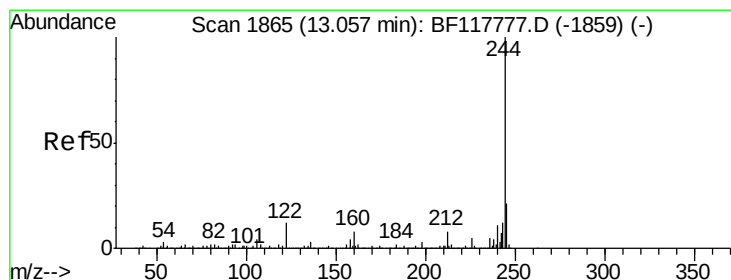
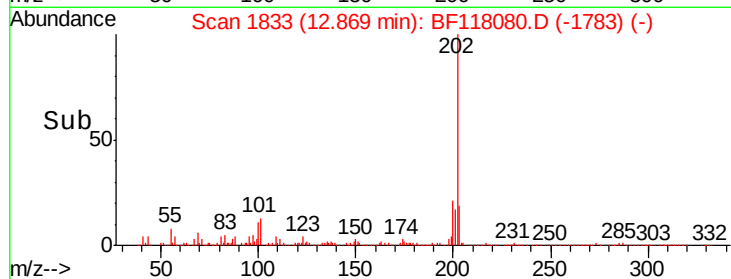
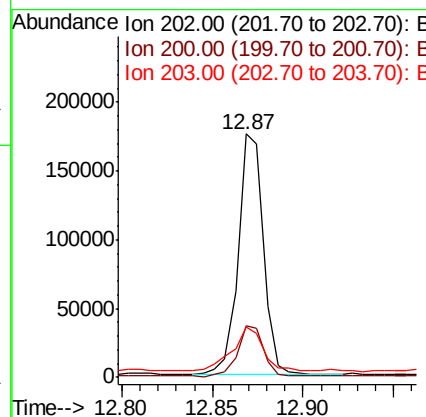
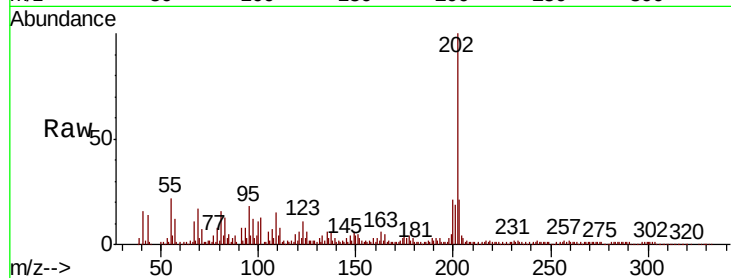
#78
Pvrene
Concen: 7.220 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.0	25.6	
203	20.9	14.2	21.4	

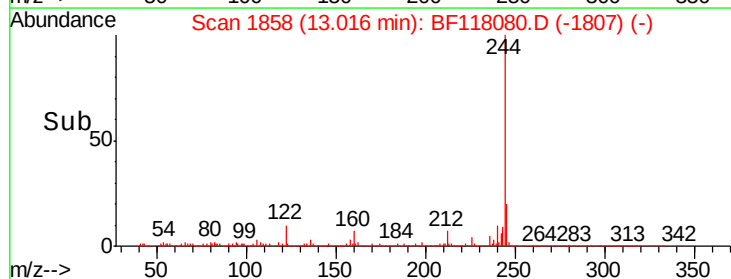
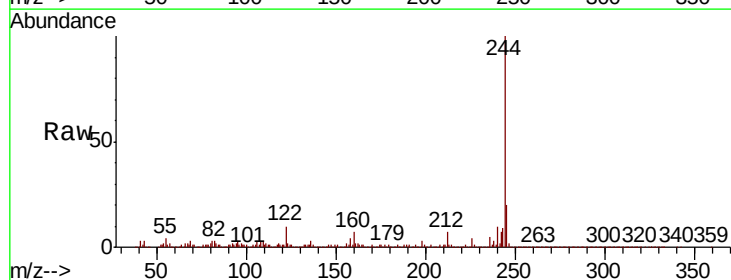
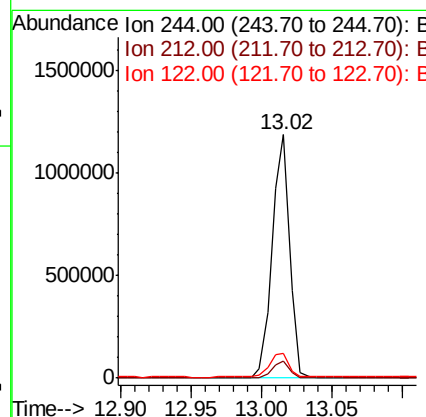
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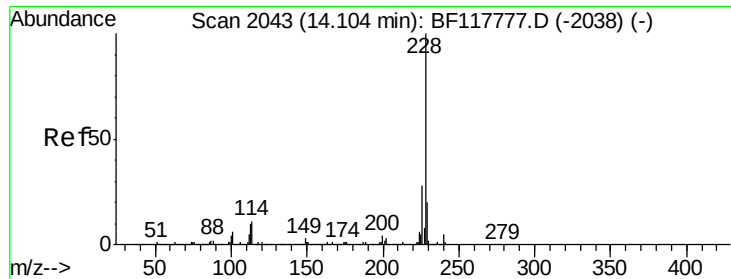
mohammad
12/4/2019 5:02:05 PM



#79
Terphenyl-d14
Concen: 64.551 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	5.2	7.8	
122	10.3	7.2	10.8	





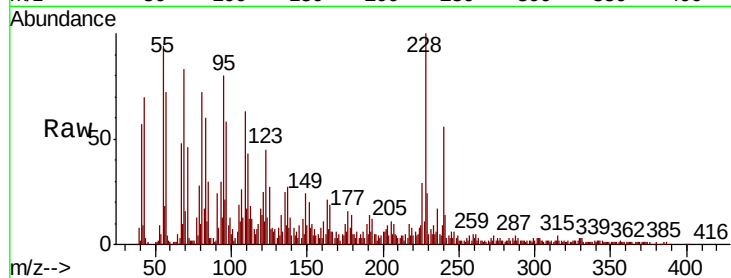
#81
Benzo(a)anthracene
Concen: 5.173 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Instrument :
BNA_F
ClientSampled :
SB-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.9	32.9
229	24.3	16.2	24.2

Manual Integrations
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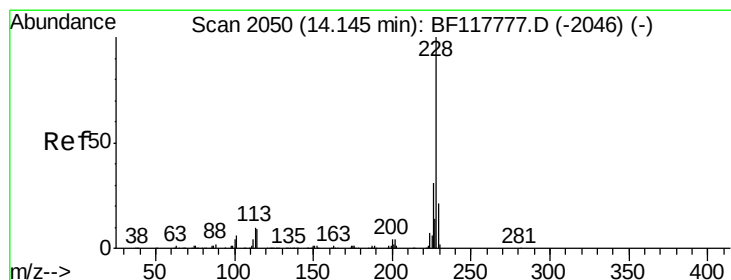
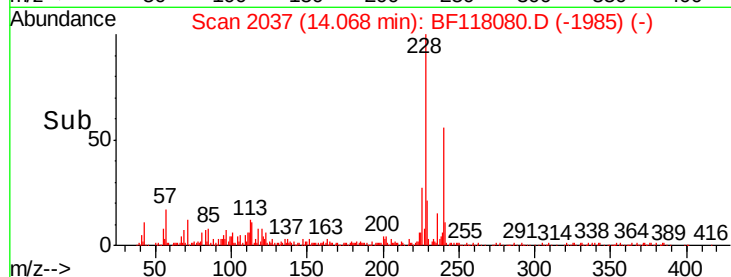
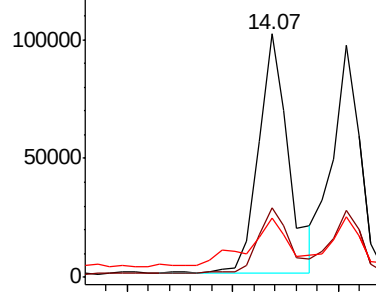


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 4.709 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

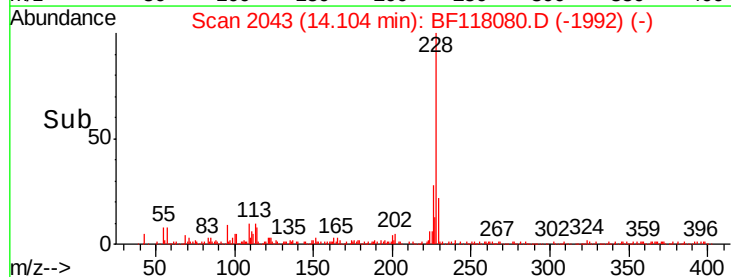
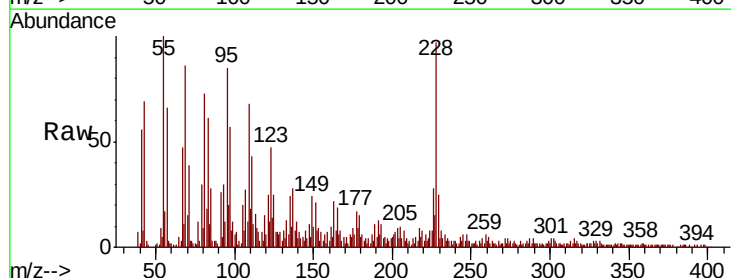
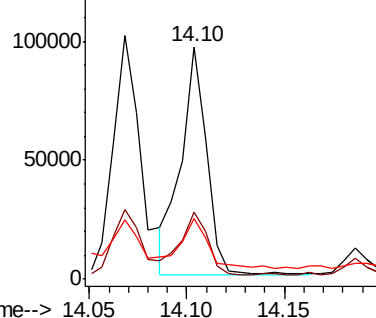
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	26.0	16.2	24.2

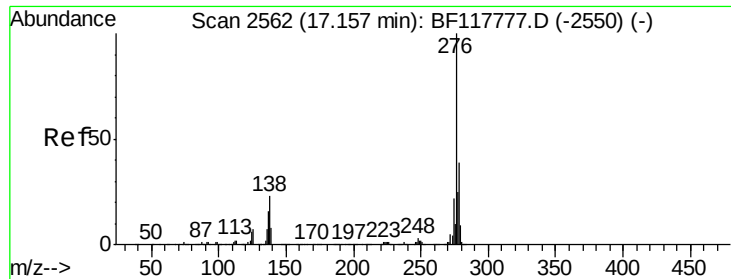
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





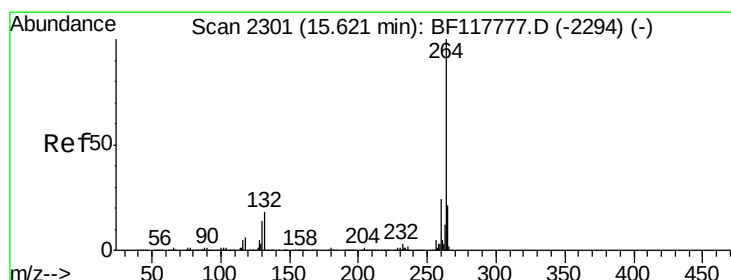
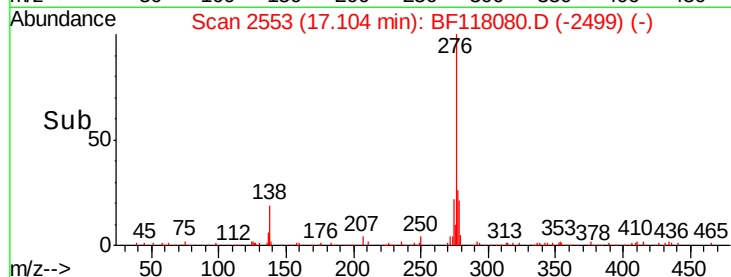
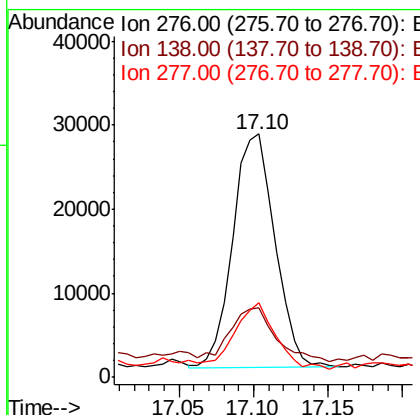
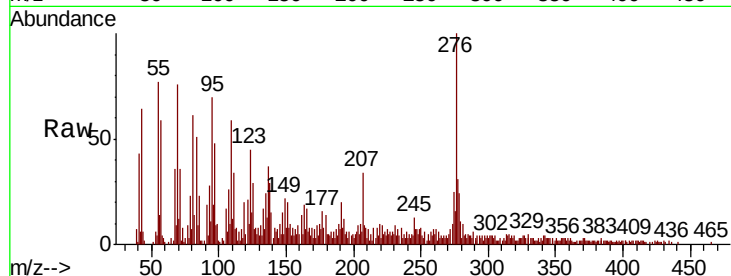
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.402 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.0	28.6
277	27.5	20.7	31.1

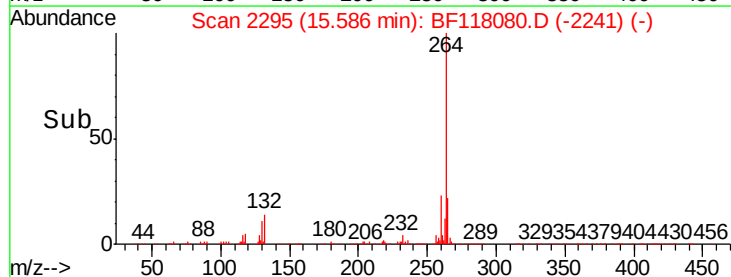
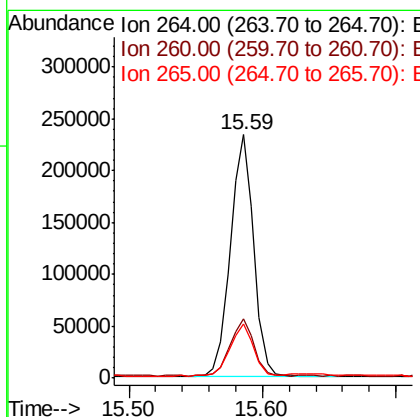
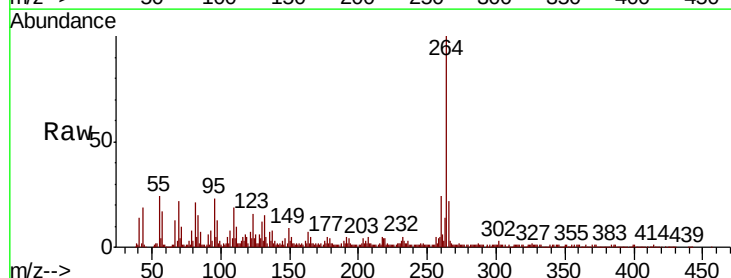
Manual Integrations
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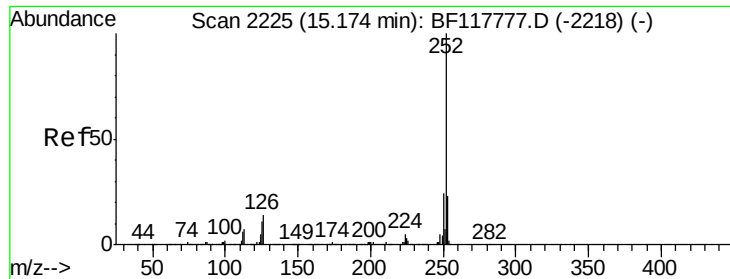
mohammad
12/4/2019 5:02:05 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.02 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.4	16.4	24.6





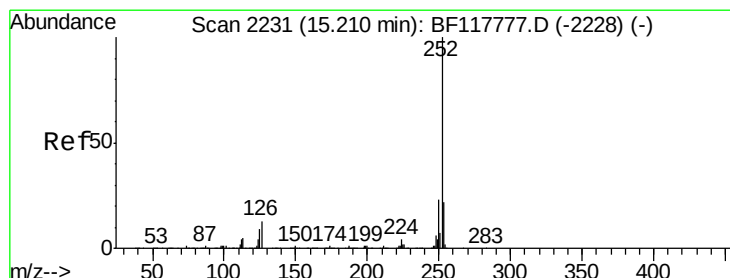
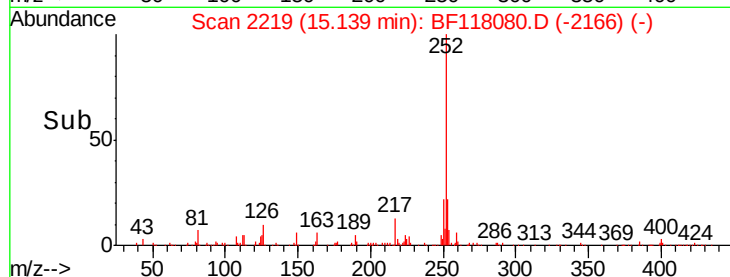
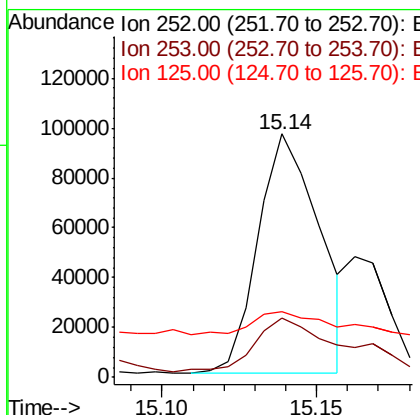
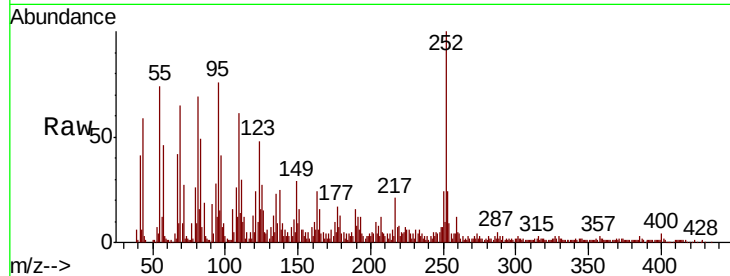
#88
Benzo(b)fluoranthene
Concen: 7.219 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	26.9	7.7	11.5#

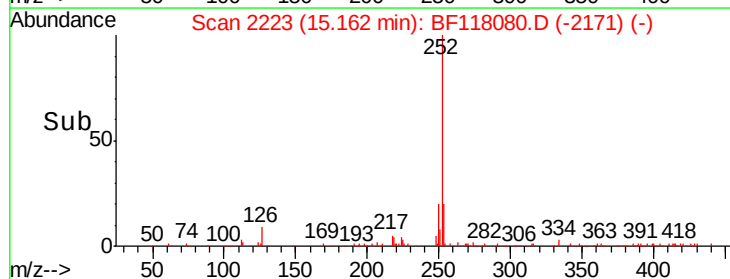
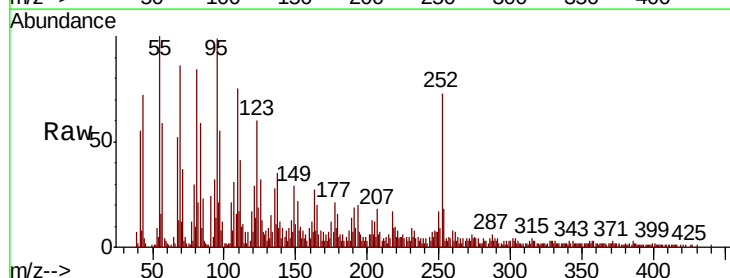
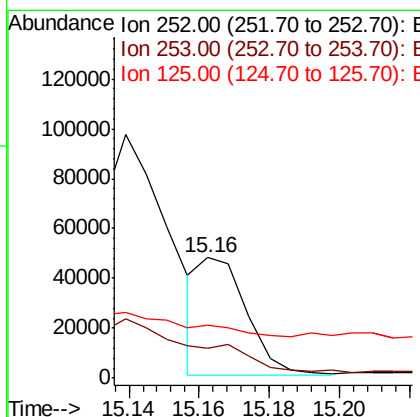
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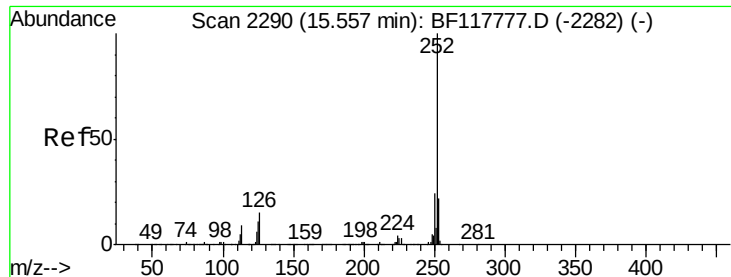
mohammad
12/4/2019 5:02:05 PM



#89
Benzo(k)fluoranthene
Concen: 2.530 ng m
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	44.3	8.5	12.7#





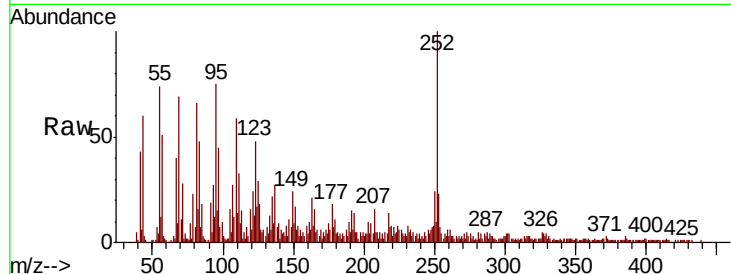
#90
Benzo(a)pyrene
Concen: 5.453 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Instrument :
BNA_F
ClientSampled :
SB-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	29.0	8.9	13.3

Manual Integrations
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12/4/2019 5:02:05 PM

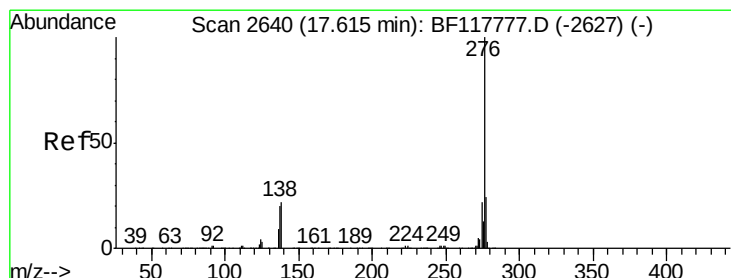
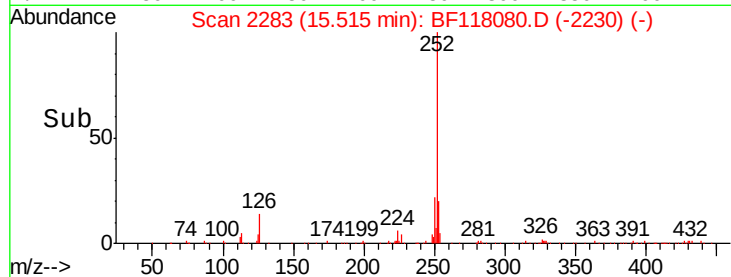
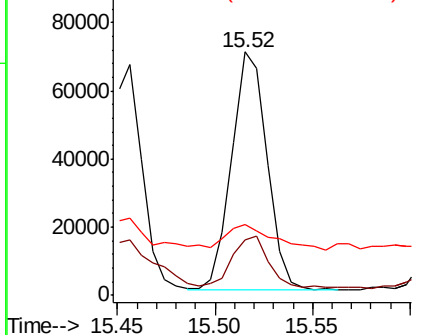


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.781 ng
RT: 17.56 min Scan# 2630
Delta R.T. 0.02 min
Lab File: BF118080.D
Acq: 3 Dec 2019 23:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.3	19.0	28.4
138	24.4	16.6	25.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

