

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117920.D
 Acq On : 21 Nov 2019 18:48
 Operator : JU
 Sample : K5676-26 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112019

Manual Integrations
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Quant Time: Nov 22 00:53:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143986	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	544328	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	275266	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	499318	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	405175	20.00	ng	0.00
87) Perylene-d12	15.62	264	473442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	398757	49.02	ng	-0.01
7) Phenol-d6	6.53	99	513986	52.39	ng	-0.01
23) Nitrobenzene-d5	7.47	82	304444	33.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	140168	48.10	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	624552	40.70	ng	-0.01
79) Terphenyl-d14	13.05	244	610214	27.52	ng	0.00
Target Compounds						
31) Naphthalene	8.22	128	52643	2.075	ng	97
50) Dimethylphthalate	9.67	163	109324	5.664	ng	97
58) Fluorene	10.52	166	33973	2.018	ng	96
71) Phenanthrene	11.48	178	203616	8.111	ng	96
78) Pyrene	12.91	202	208467	6.366	ng	97
81) Benzo(a)anthracene	14.10	228	102350m	3.823	ng	
83) Chrysene	14.13	228	96531	3.721	ng	96
88) Benzo(b)fluoranthene	15.16	252	121520m	3.951	ng	
90) Benzo(a)pyrene	15.55	252	92939	3.436	ng	# 94

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

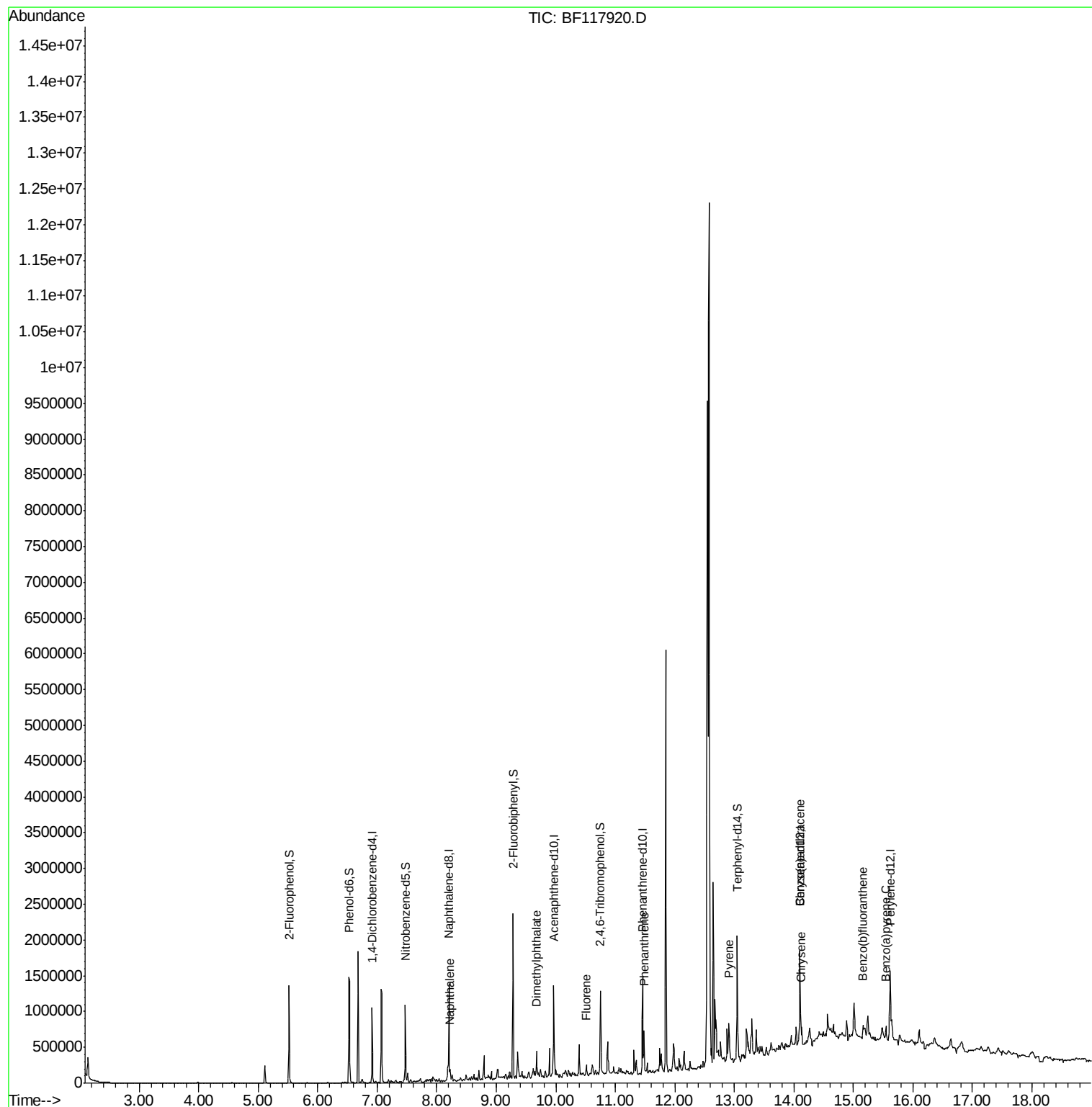
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117920.D
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Sample : K5676-26 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

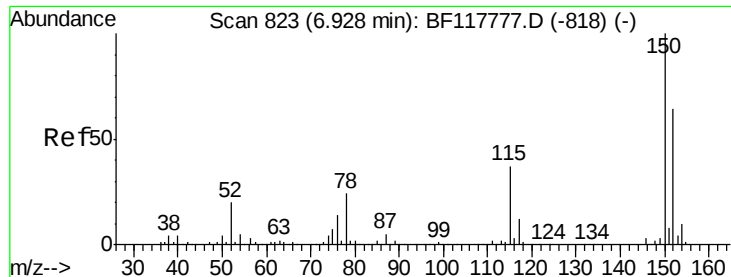
Instrument :
BNA_F
ClientSampleId :
SU-03-112019

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Quant Time: Nov 22 00:53:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration





#1

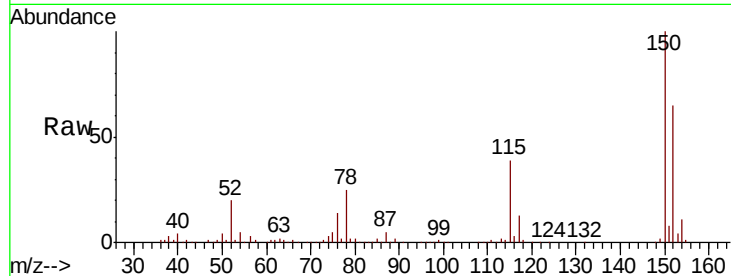
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Instrument :
BNA_F
ClientSampleId :
SU-03-112019

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.3	187.9
115	60.3	47.0	70.4

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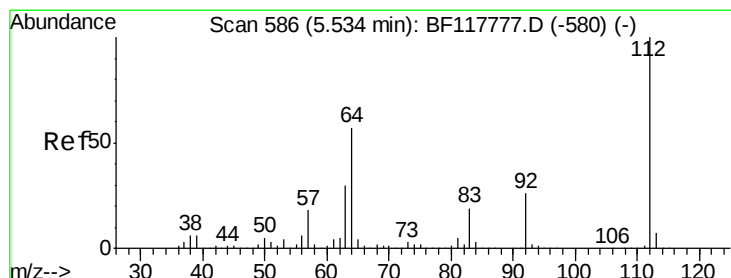
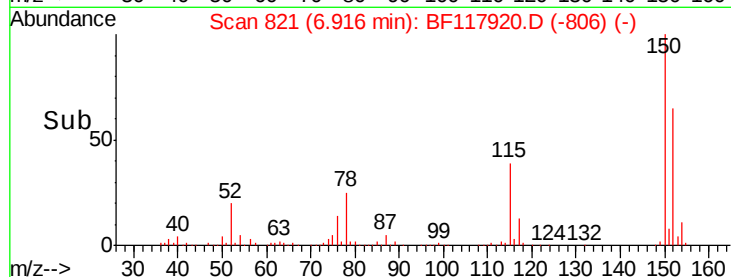
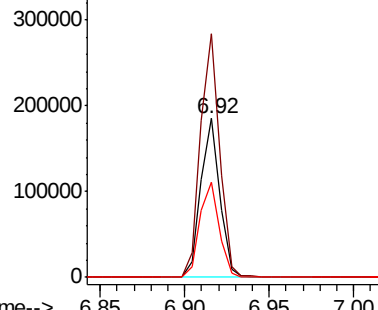


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

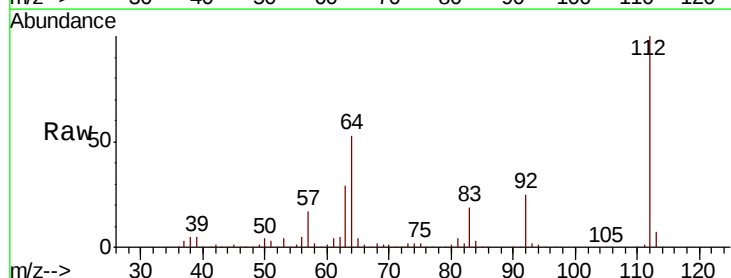
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.022 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	45.6	68.4
63	28.7	24.1	36.1

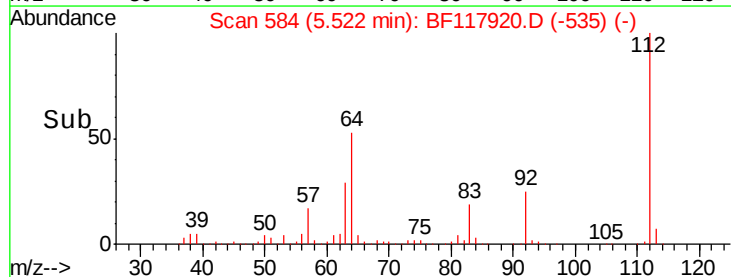
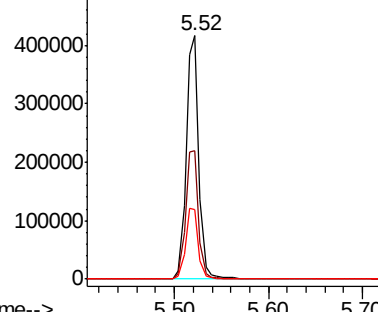


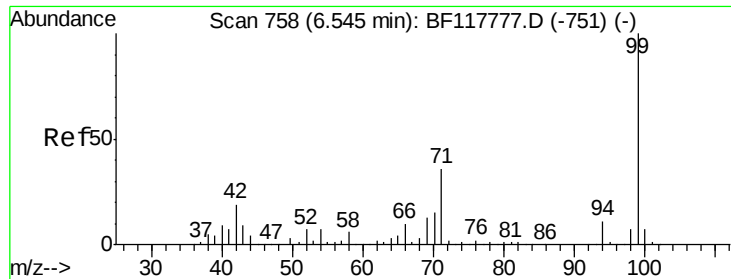
Abundance

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: 52.387 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117920.D

Acq: 21 Nov 2019 18:48

Instrument :

BNA_F

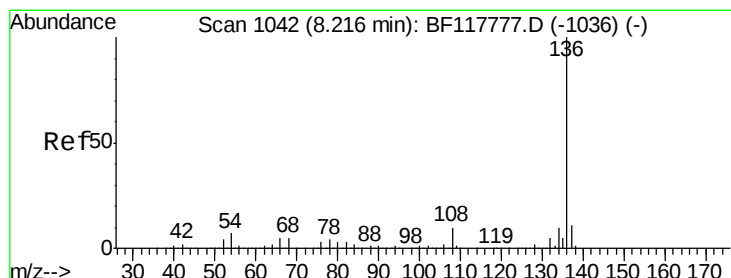
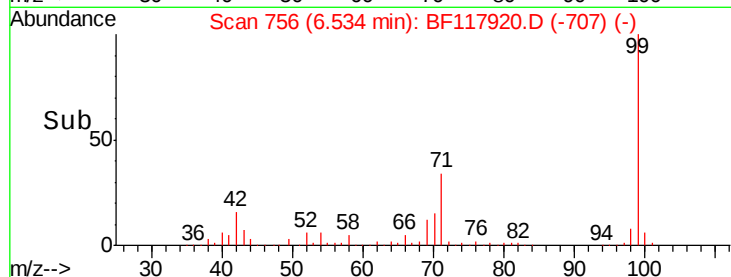
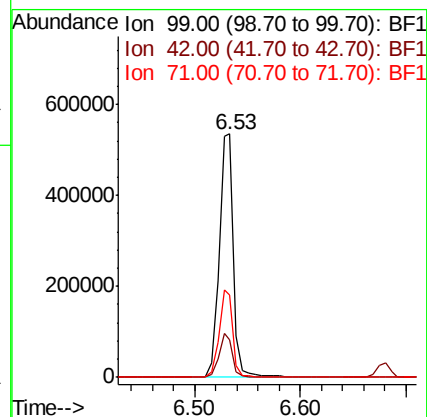
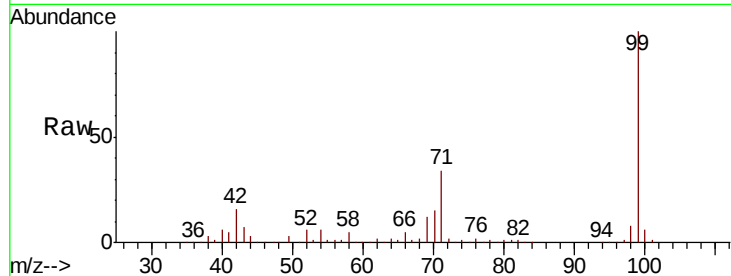
ClientSampleId :

SU-03-112019

Tot Ion:	99	Resp:	513986
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.9	22.3
71	33.7	28.6	43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

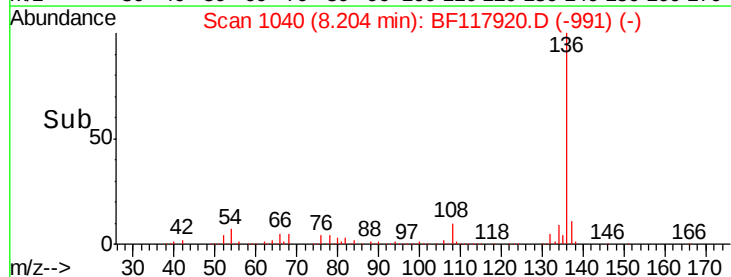
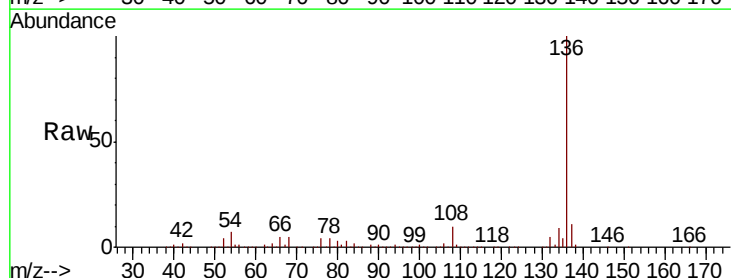
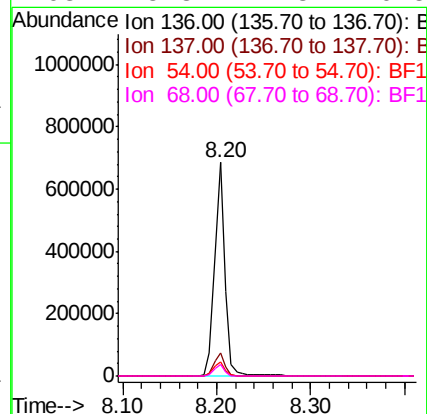
RT: 8.20 min Scan# 1040

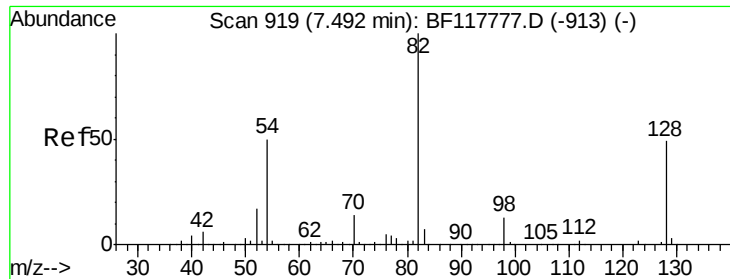
Delta R.T. -0.01 min

Lab File: BF117920.D

Acq: 21 Nov 2019 18:48

Tgt Ion:	136	Resp:	544328
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	6.7	5.4	8.2
68	5.3	4.3	6.5





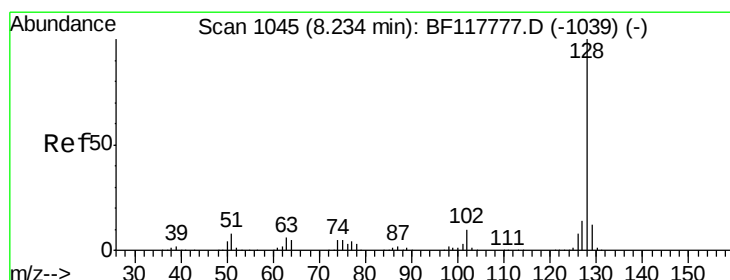
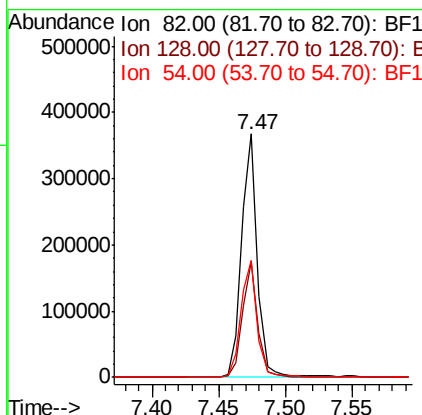
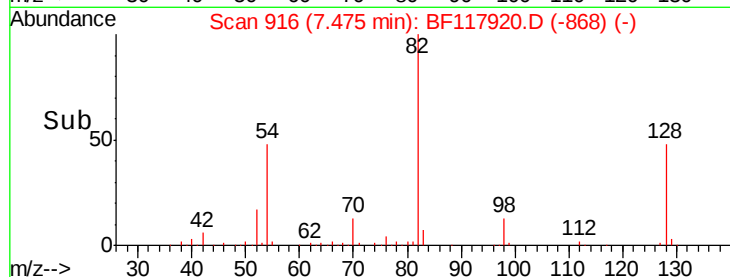
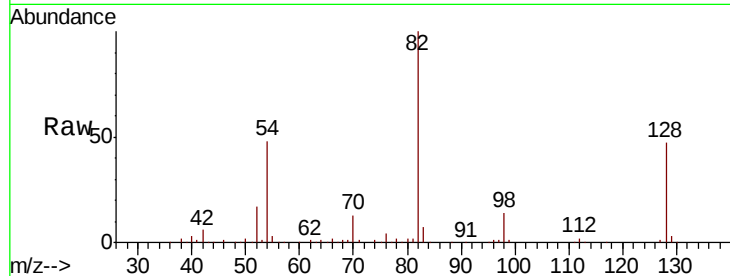
#23
Nitrobenzene-d5
Concen: 33.248 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Instrument :
BNA_F
ClientSampleId :
SU-03-112019

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.9	58.3
54	47.8	39.8	59.6

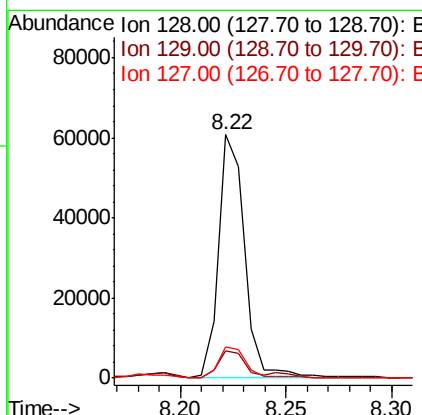
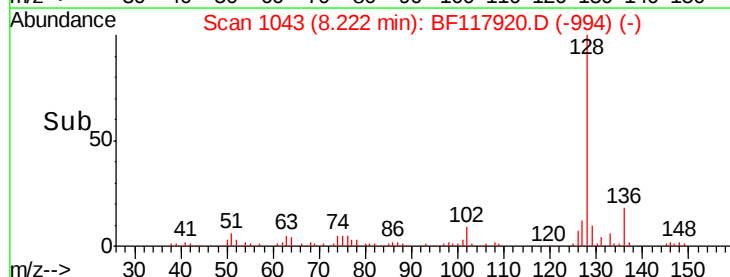
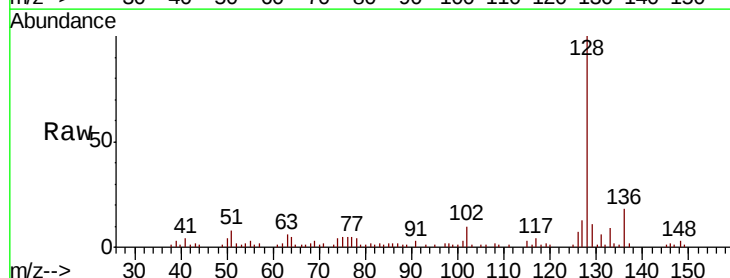
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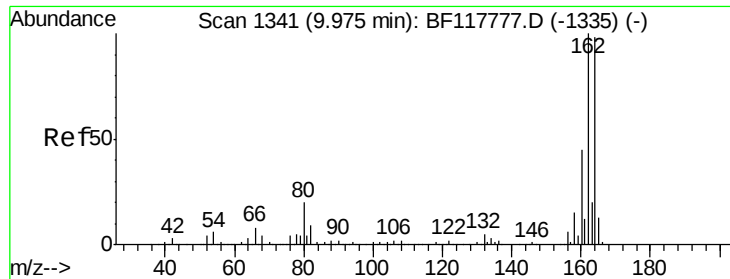
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#31
Naphthalene
Concen: 2.075 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	12.9	11.3	16.9





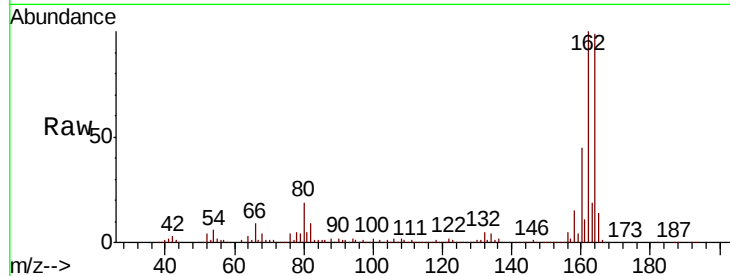
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Instrument :
BNA_F
ClientSampleId :
SU-03-112019

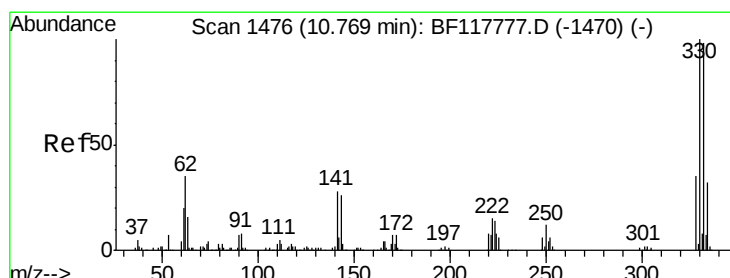
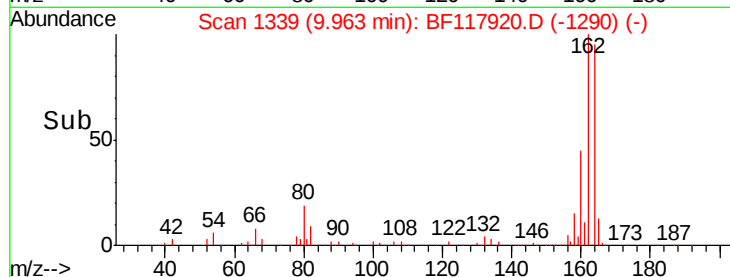
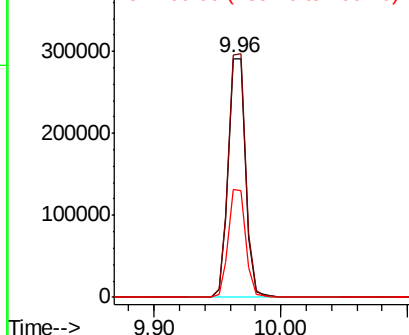
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	81.3	121.9	
160	45.3	36.6	55.0	

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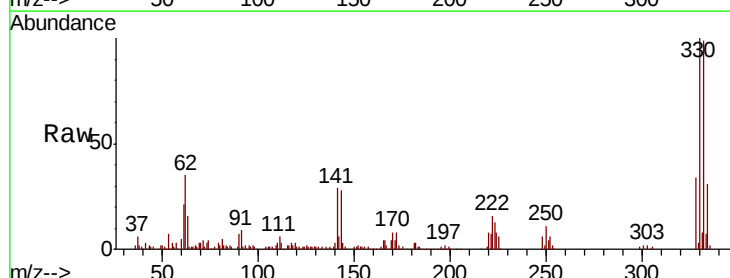


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

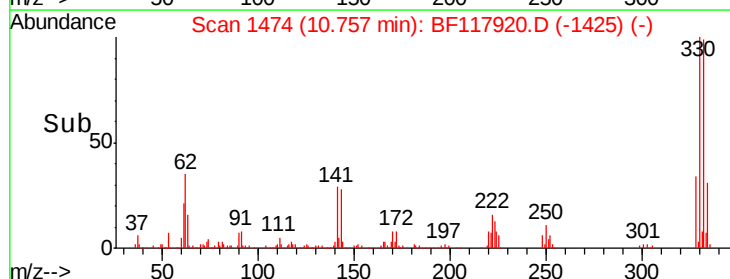
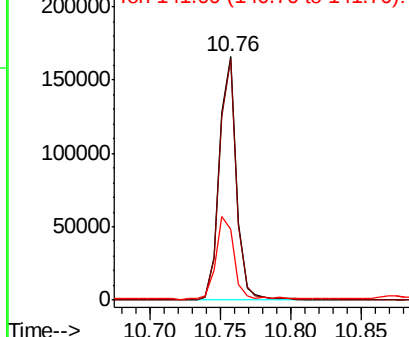


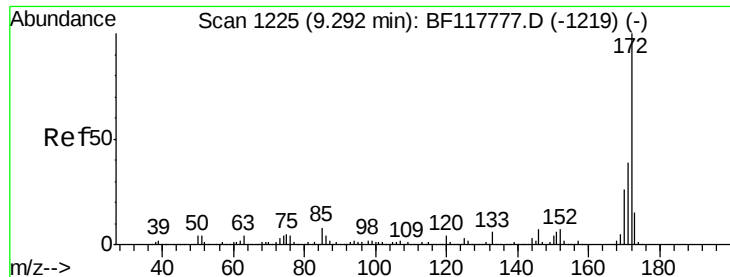
#42
2,4,6-Tribromophenol
Concen: 48.098 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.4	76.7	115.1	
141	36.1	27.7	41.5	



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





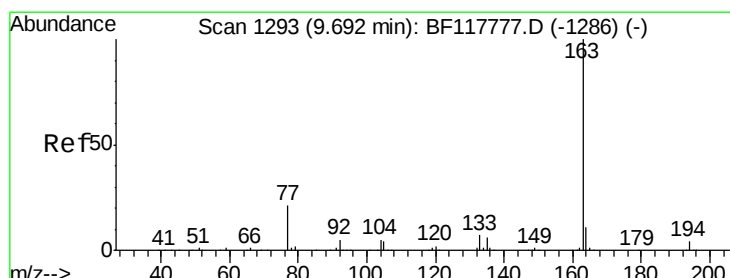
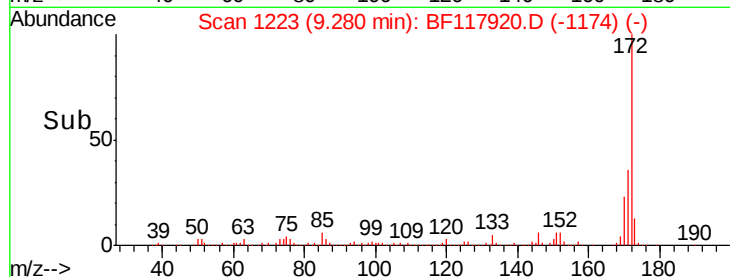
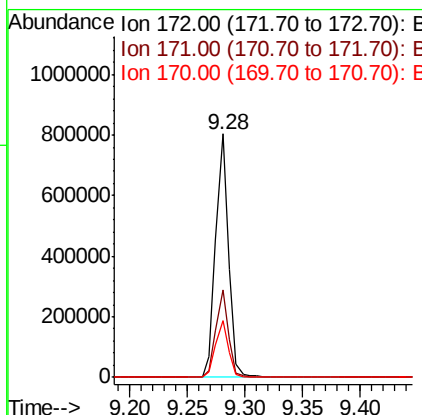
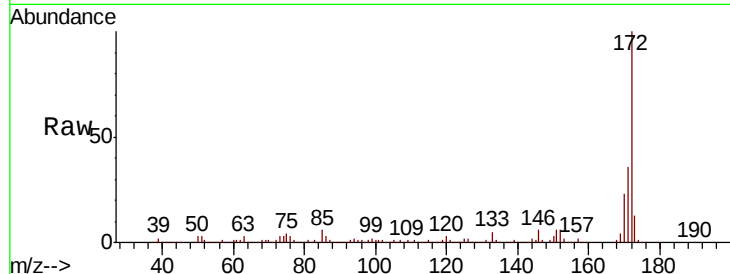
#45
2-Fluorobiphenyl
Concen: 40.705 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Instrument :
BNA_F
ClientSampleId :
SU-03-112019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.9	46.3
170	23.4	21.0	31.4

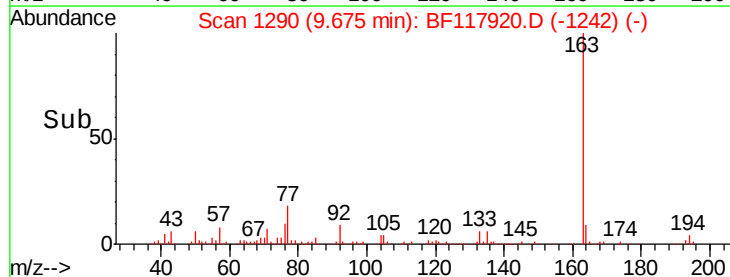
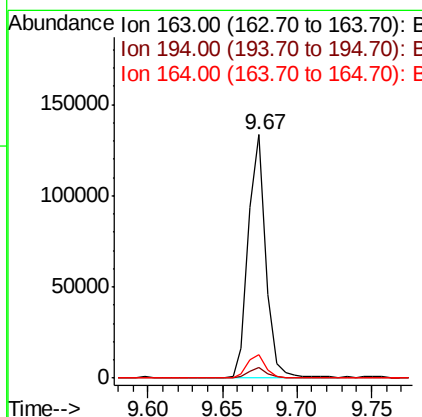
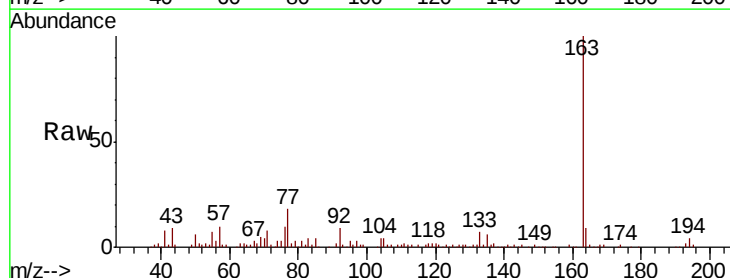
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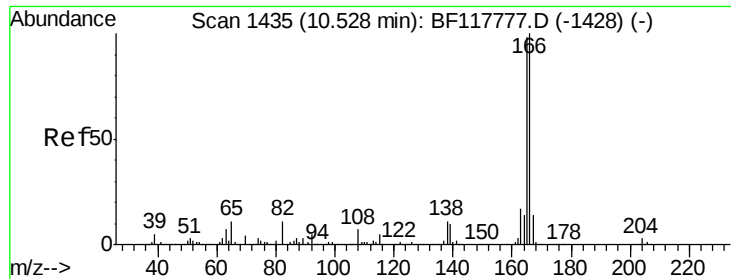
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#50
Dimethylphthalate
Concen: 5.664 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.4	8.7	13.1





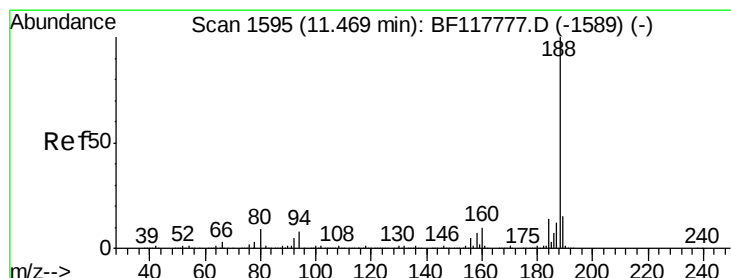
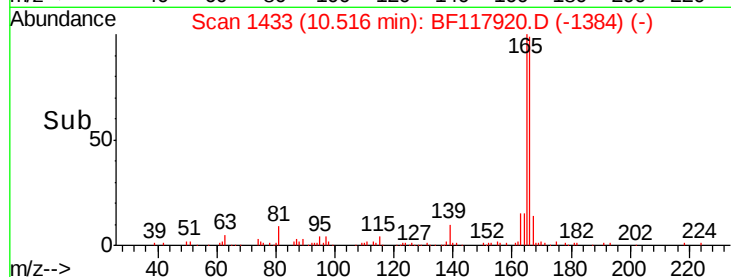
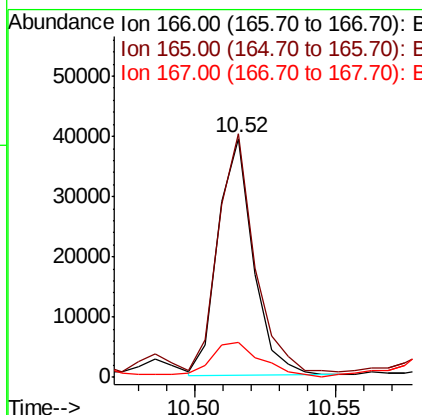
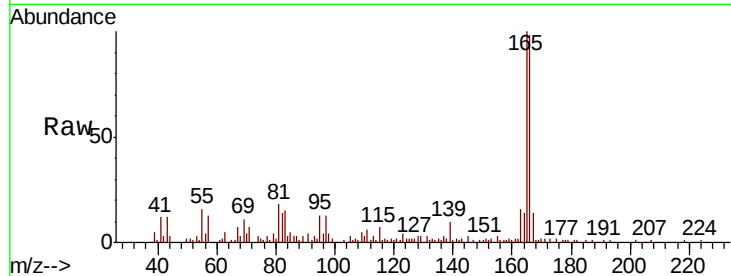
#58
 Fluorene
 Concen: 2.018 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF117920.D
 Acq: 21 Nov 2019 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112019

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	101.8	78.4	117.6	
167	14.4	11.0	16.4	

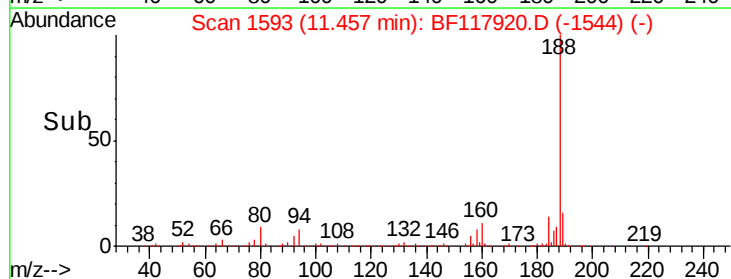
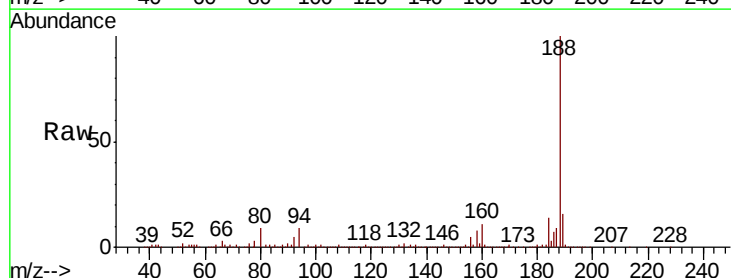
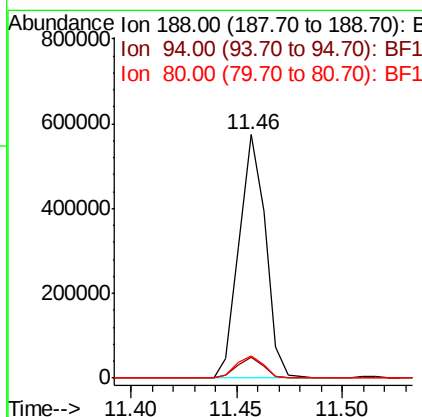
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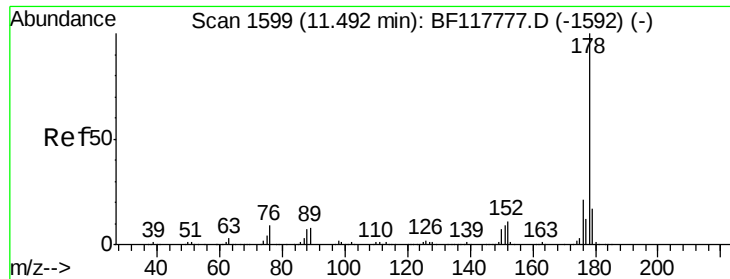
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF117920.D
 Acq: 21 Nov 2019 18:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	6.6	10.0	
80	8.9	7.2	10.8	





#71

Phenanthrene

Concen: 8.111 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF117920.D

Acq: 21 Nov 2019 18:48

Instrument :

BNA_F

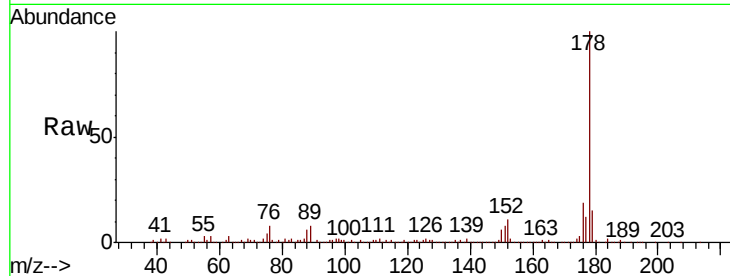
ClientSampleId :

SU-03-112019

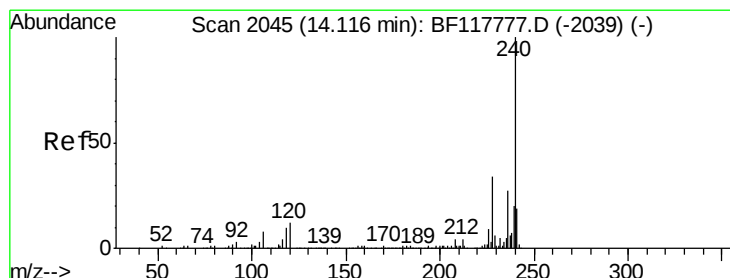
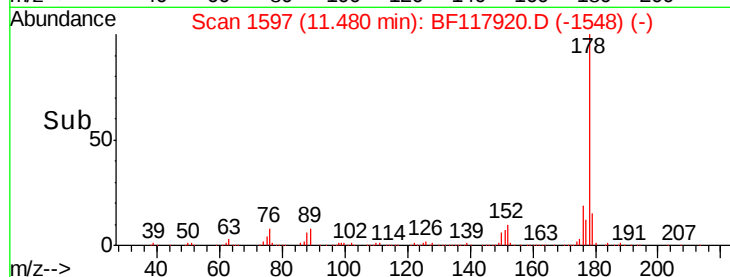
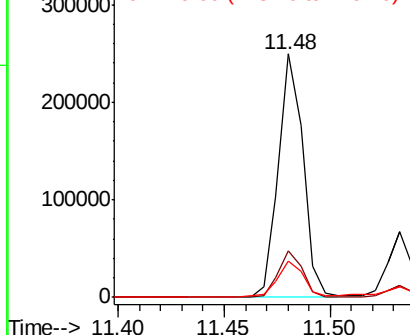
Tot Ion:	178	Resp:	203616
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.6	25.0
179	15.1	13.2	19.8

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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



#76

Chrysene-d12

Concen: 20.000 ng

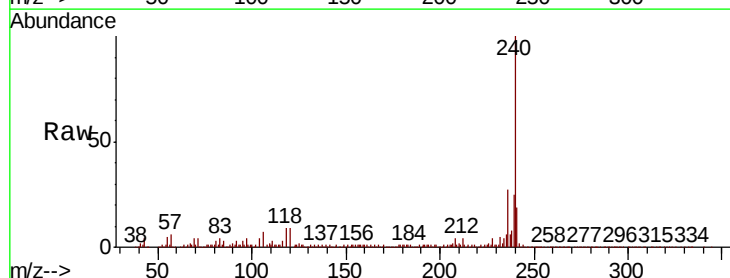
RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

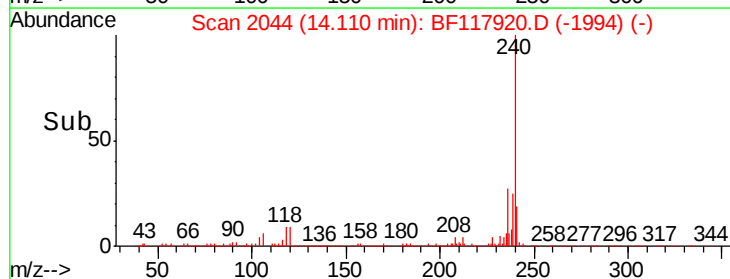
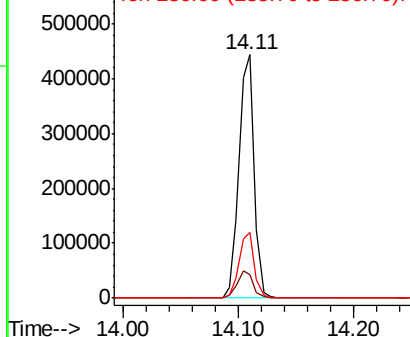
Lab File: BF117920.D

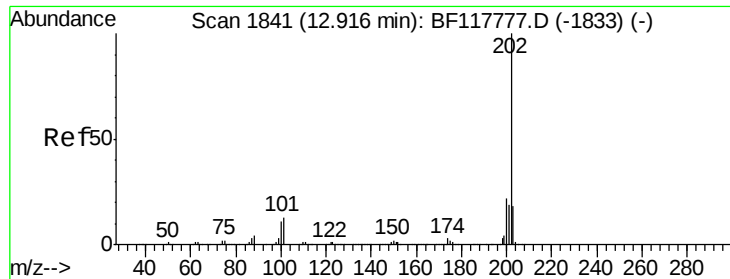
Acq: 21 Nov 2019 18:48

Tgt Ion:	240	Resp:	405175
Ion Ratio	Lower	Upper	
240	100		
120	9.5	9.5	14.3#
236	27.0	21.3	31.9



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





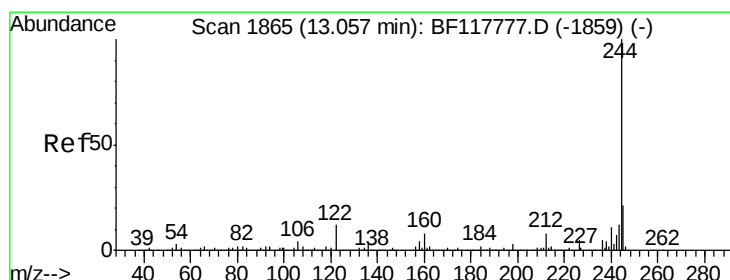
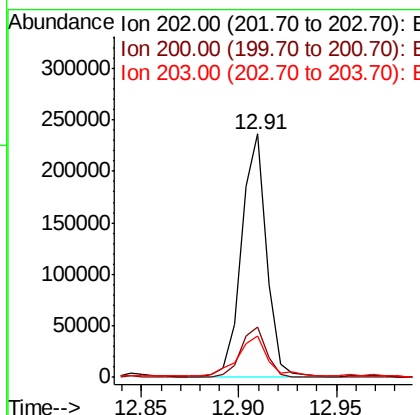
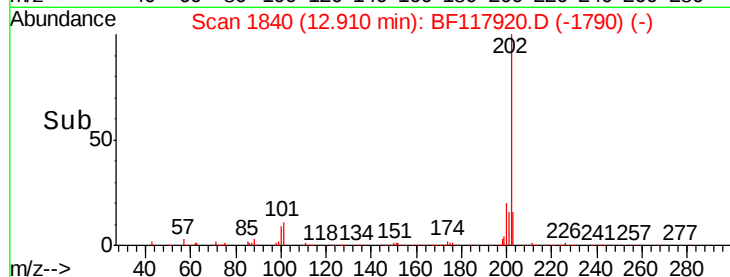
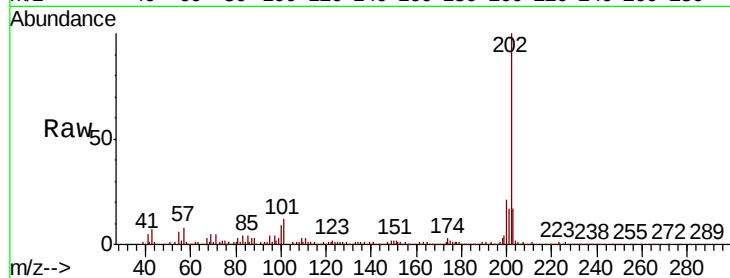
#78
Pvrene
Concen: 6.366 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Instrument :
BNA_F
ClientSampleId :
SU-03-112019

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.8	26.8
203	17.0	14.6	22.0

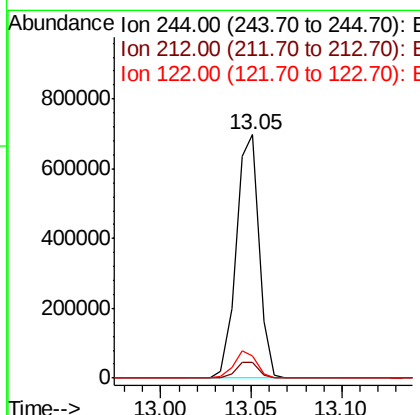
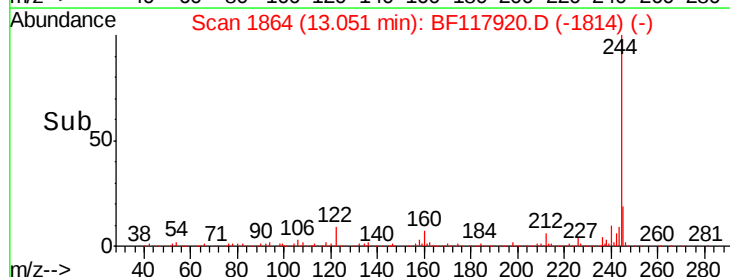
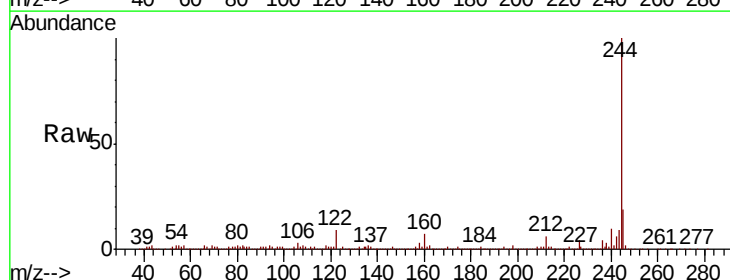
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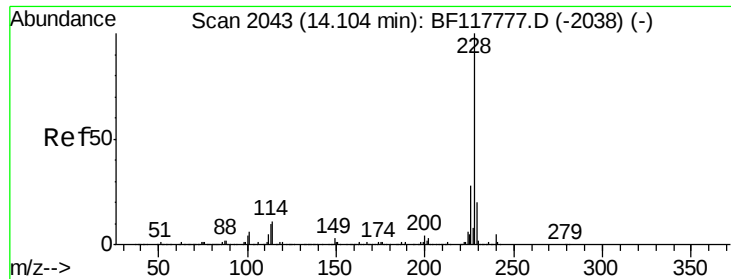
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#79
Terphenyl-d14
Concen: 27.525 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	6.3	9.5
122	8.9	9.4	14.2#





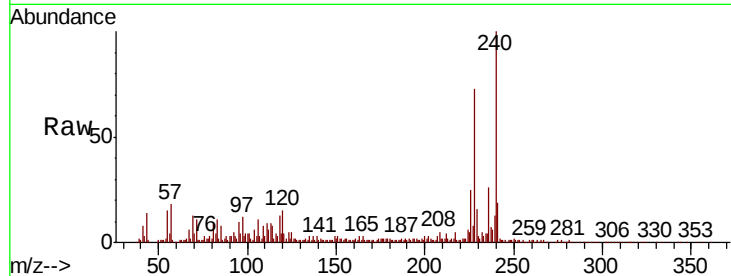
#81
Benzo(a)anthracene
Concen: 3.823 ng m
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

Instrument :
BNA_F
ClientSampleId :
SU-03-112019

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.2	33.2#
229	22.3	15.9	23.9

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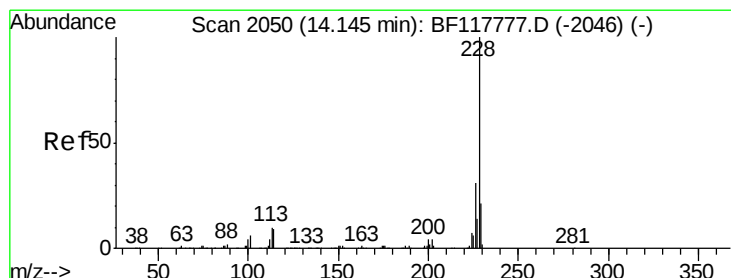
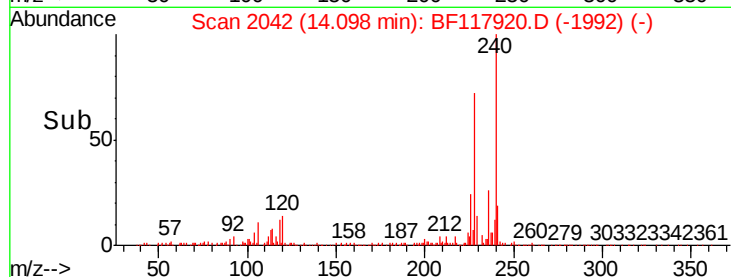
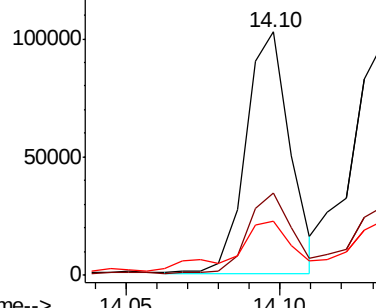


Abundance

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: 3.721 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF117920.D
Acq: 21 Nov 2019 18:48

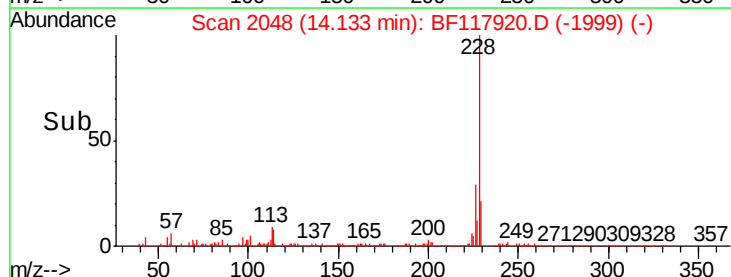
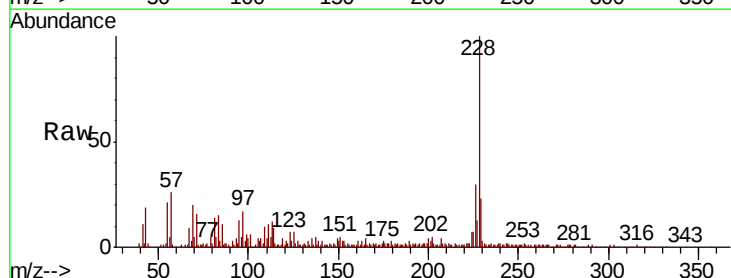
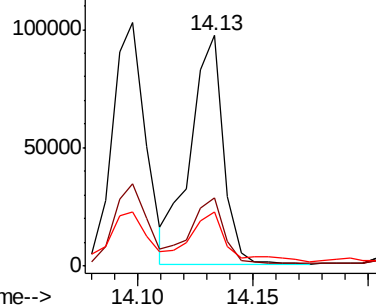
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.4
229	23.3	16.6	25.0

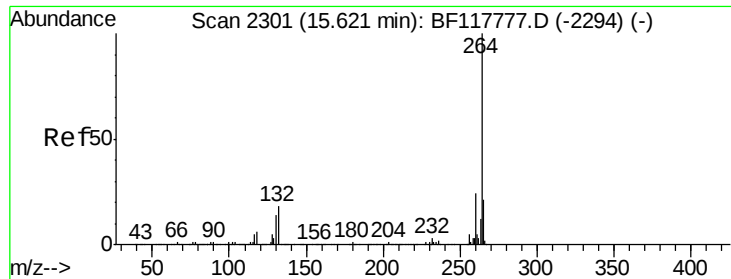
Abundance

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





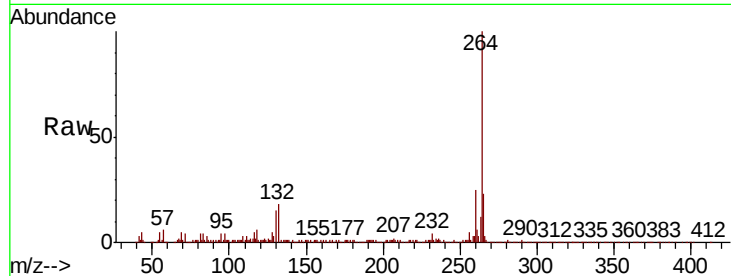
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF117920.D
 Acq: 21 Nov 2019 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112019

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.0
265	22.8	17.1	25.7

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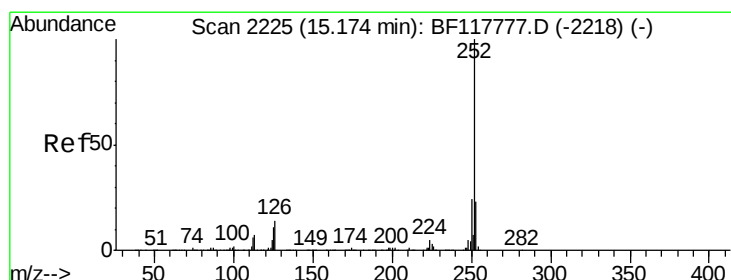
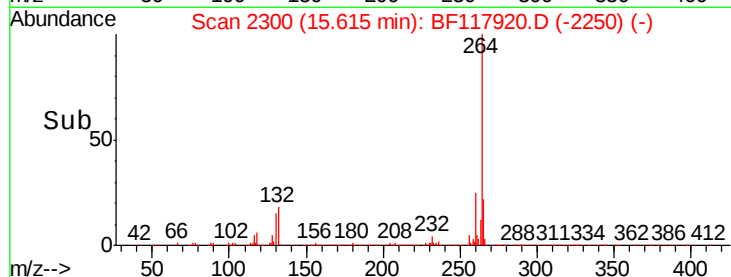
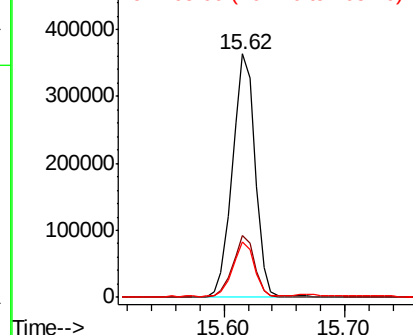


Abundance

Ion 264.00 (263.70 to 264.70): E

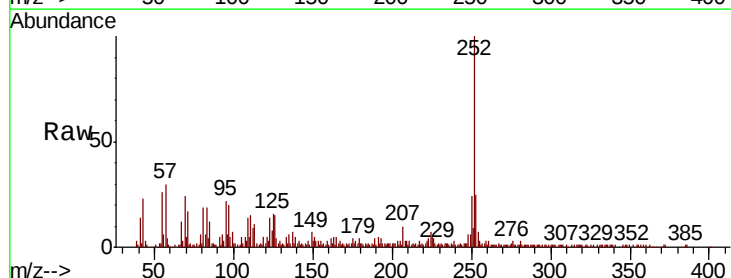
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
 Benzo(b)fluoranthene
 Concen: 3.951 ng m
 RT: 15.16 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF117920.D
 Acq: 21 Nov 2019 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	16.4	8.6	13.0

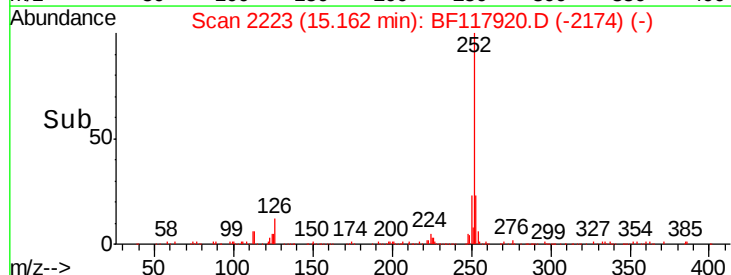
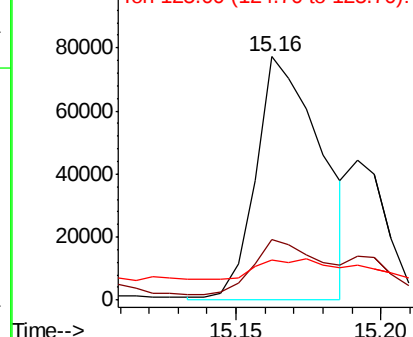


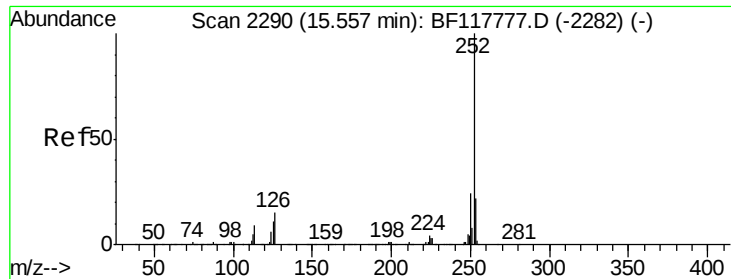
Abundance

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





#90
 Benzo(a)pyrene
 Concen: 3.436 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BF117920.D
 Acq: 21 Nov 2019 18:48

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112019

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	17.7	9.2	13.8

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