

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117222.D
 Acq On : 24 Sep 2019 18:20
 Operator : JU
 Sample : K5008-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Manual Integrations
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mohammad
 9/26/2019 8:24:06 AM

Quant Time: Sep 25 06:48:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	24781	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	95234	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	51064	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	84162	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59045	20.00	ng	0.00
87) Perylene-d12	15.43	264	63644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	162556	102.41	ng	0.00
7) Phenol-d6	6.45	99	221955	108.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	137563	75.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	48511	113.67	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	198739	60.85	ng	0.00
79) Terphenyl-d14	12.92	244	192071	60.81	ng	0.00
Target Compounds						
10) Phenol	6.46	94	6141	2.716	ng	Qvalue 86
50) Dimethylphthalate	9.56	163	39524	10.932	ng	99
75) Fluoranthene	12.54	202	13129	2.673	ng	97
78) Pyrene	12.77	202	14013	2.828	ng	98
81) Benzo(a)anthracene	13.96	228	9707m	2.461	ng	
86) Indeno(1,2,3-cd)pyrene	16.88	276	6174	2.199	ng	# 90
88) Benzo(b)fluoranthene	15.00	252	10119m	2.625	ng	
90) Benzo(a)pyrene	15.37	252	8075	2.387	ng	# 90
92) Benzo(g,h,i)perylene	17.32	276	5935	2.210	ng	96

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

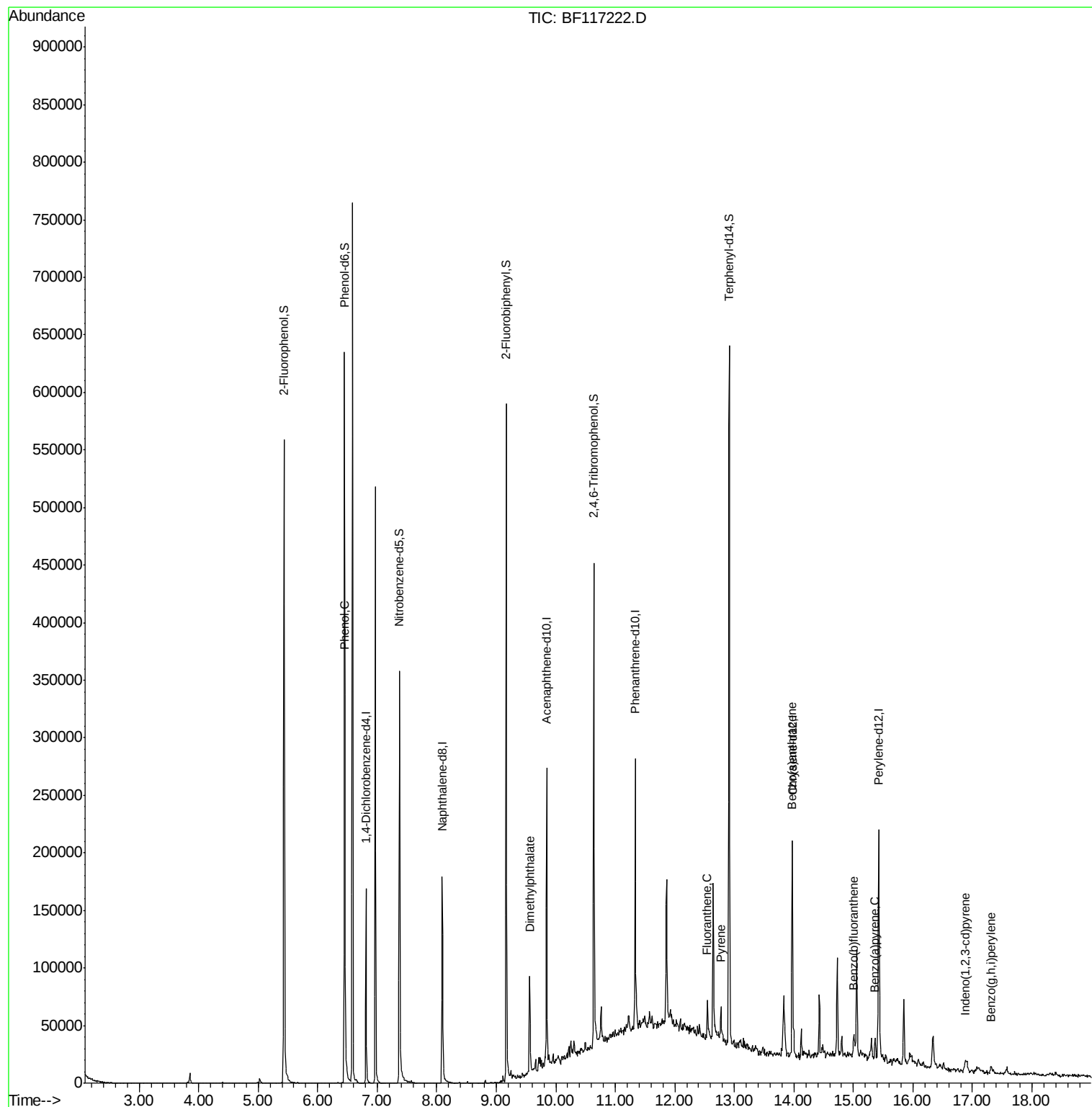
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
Data File : BF117222.D
Acq On : 24 Sep 2019 18:20
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Sample : K5008-05
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#1

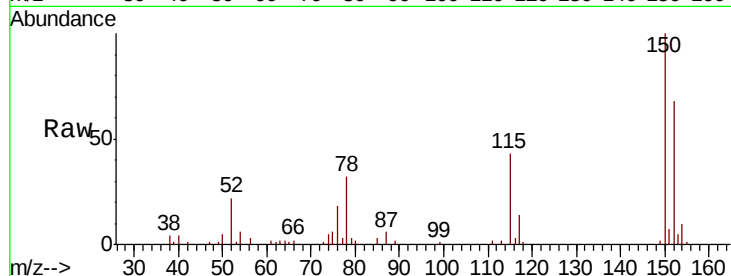
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Instrument :
BNA_F
ClientSampled :
SB-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	127.5	191.3
115	63.6	55.0	82.4

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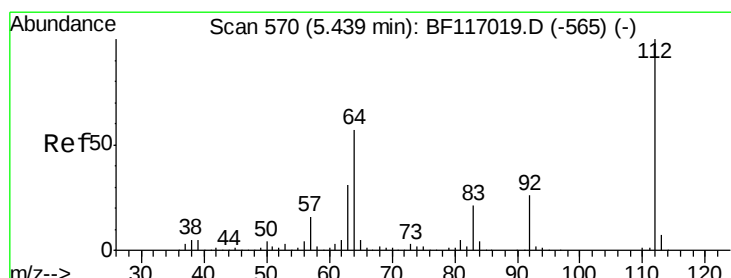
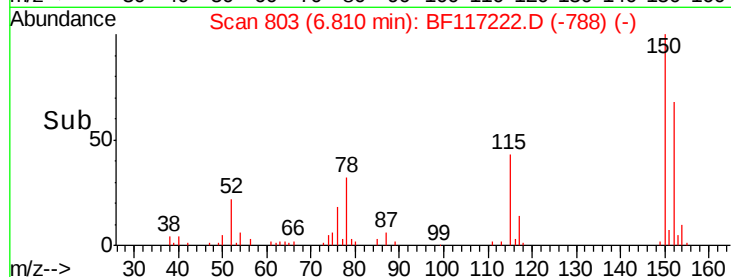
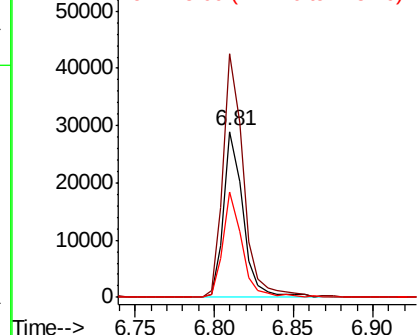


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

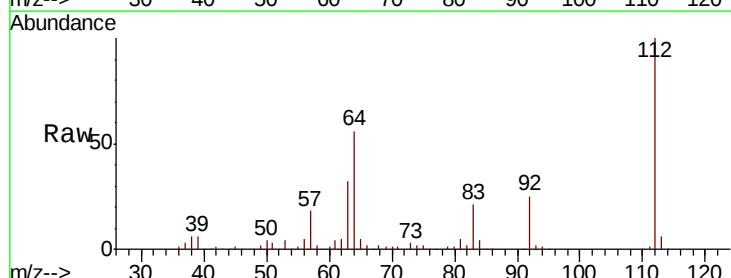
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.413 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.7	68.5
63	31.5	24.9	37.3

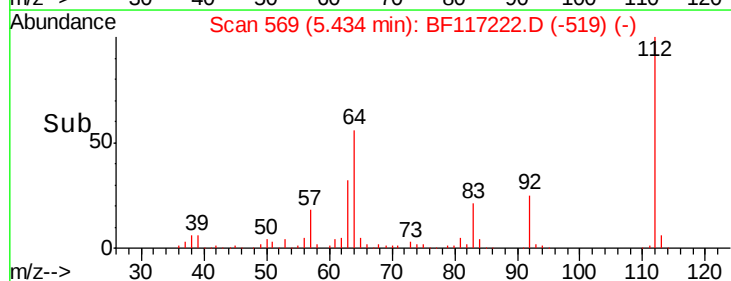
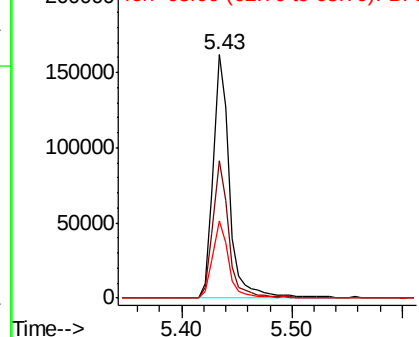


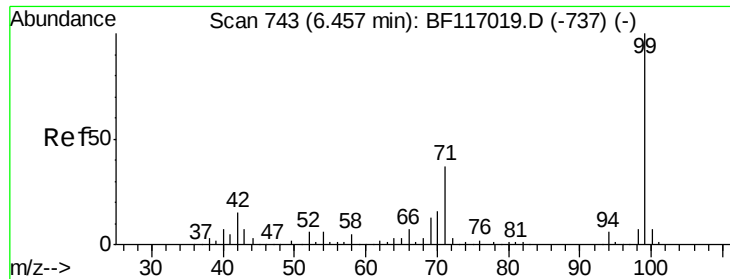
Abundance

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: 108.202 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117222.D

Acq: 24 Sep 2019 18:20

Instrument :

BNA_F

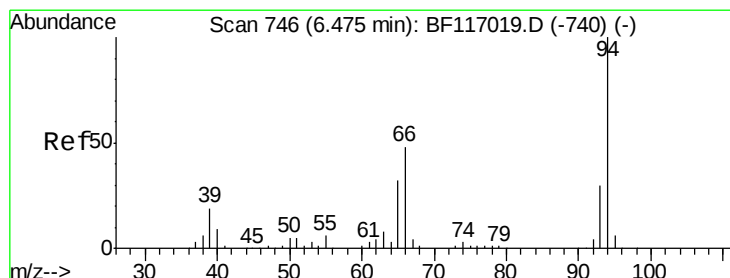
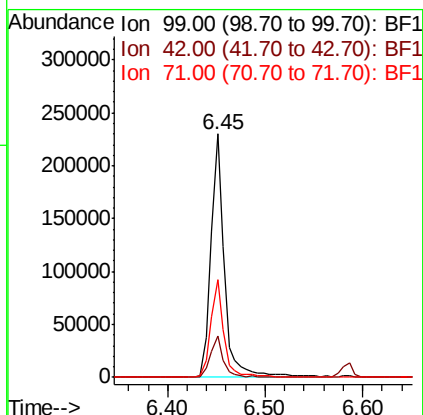
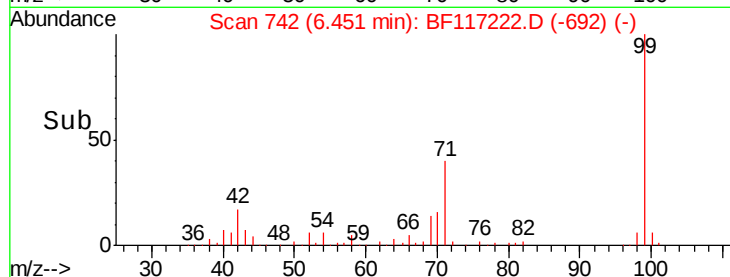
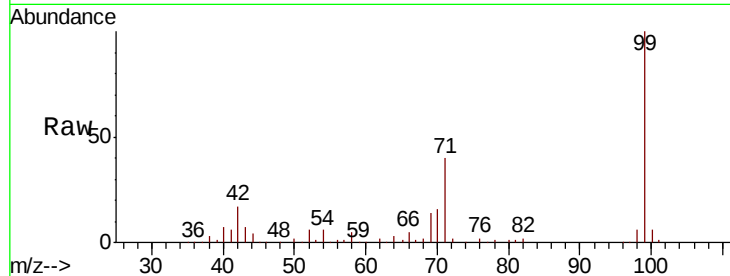
ClientSampleId :

SB-5

Tot Ion:	99	Resp:	221955
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.2	18.2
71	40.3	29.8	44.8

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#10

Phenol

Concen: 2.716 ng

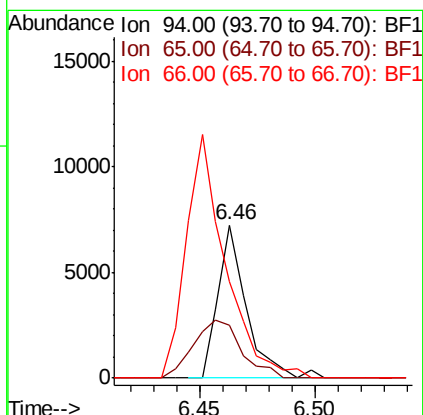
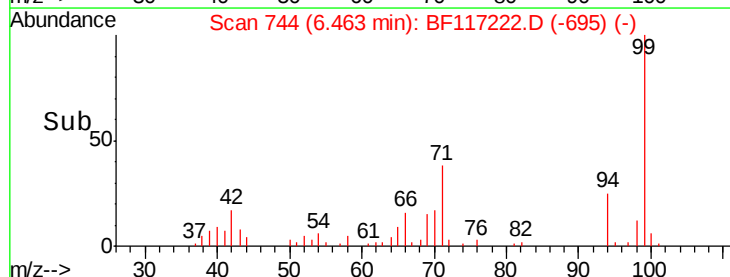
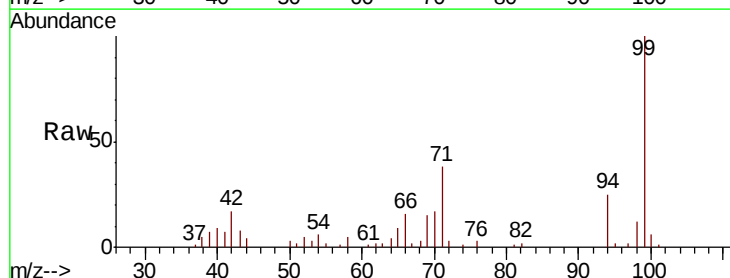
RT: 6.46 min Scan# 744

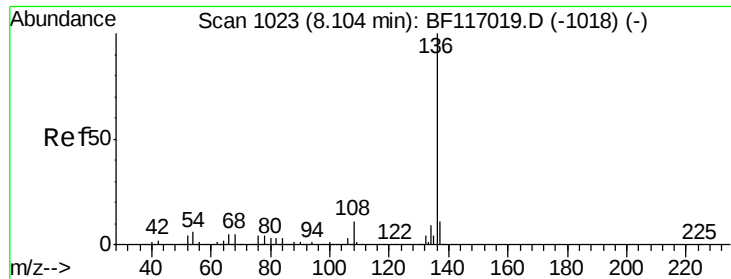
Delta R.T. -0.01 min

Lab File: BF117222.D

Acq: 24 Sep 2019 18:20

Tgt Ion:	94	Resp:	6141
Ion	Ratio	Lower	Upper
94	100		
65	35.0	12.5	52.5
66	62.8	28.9	68.9





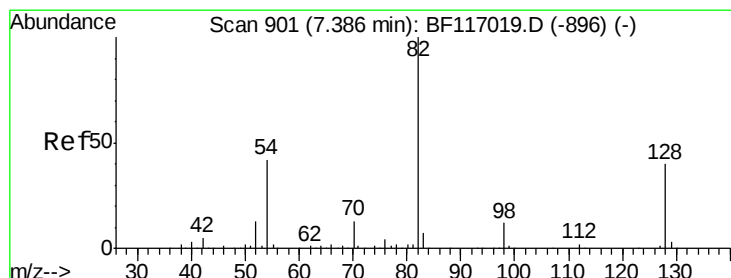
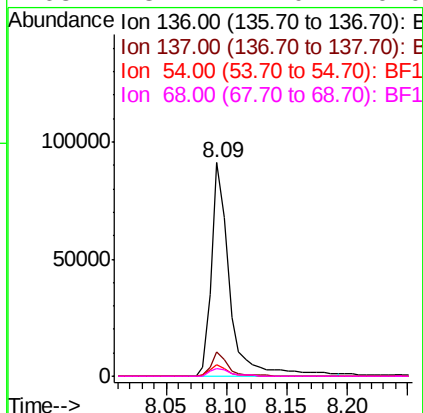
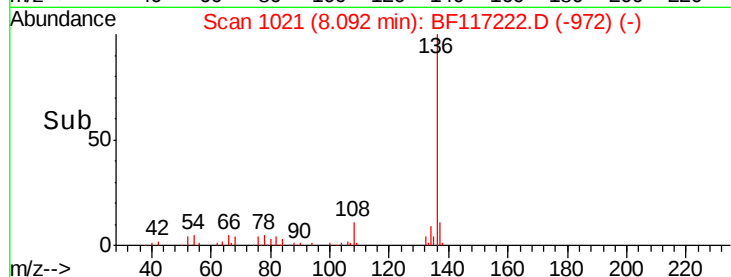
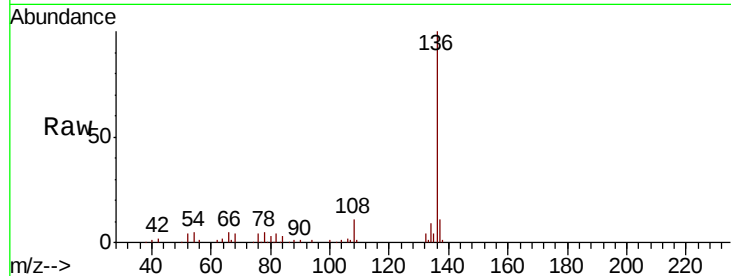
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Instrument :
BNA_F
ClientSampled :
SB-5

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	5.4	4.5	6.7
68	3.7	4.0	6.0

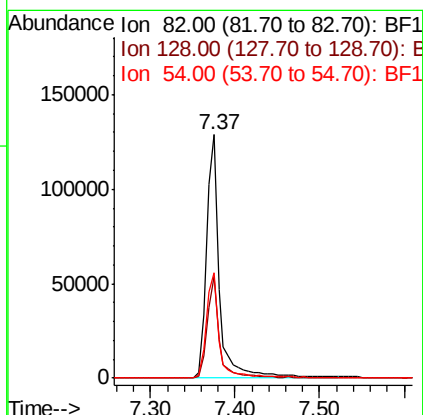
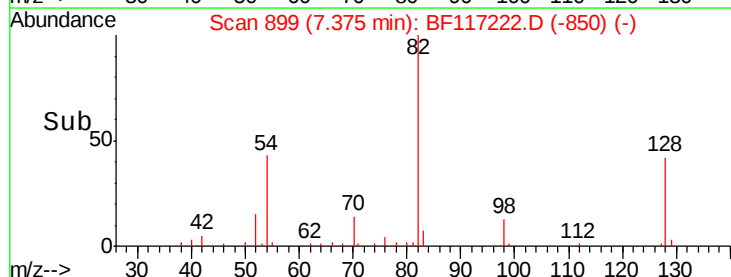
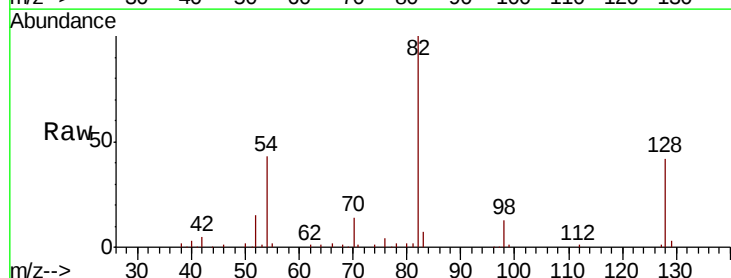
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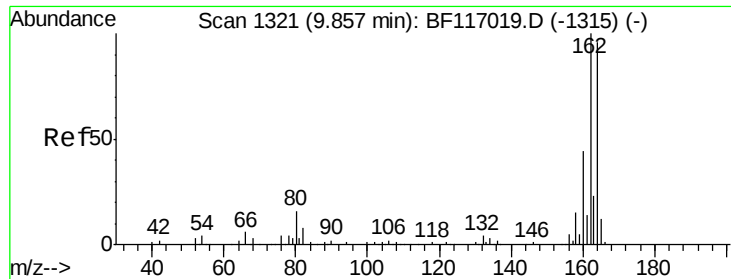
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#23
Nitrobenzene-d5
Concen: 75.896 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.3	48.5
54	43.5	33.3	49.9





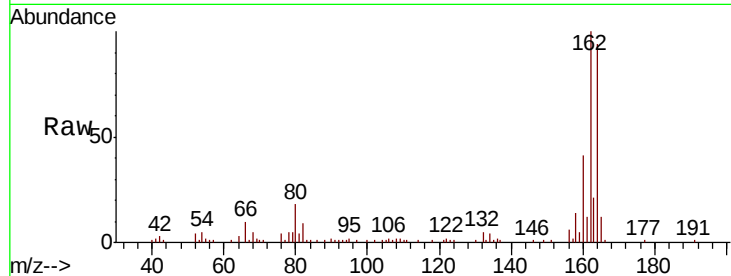
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SB-5

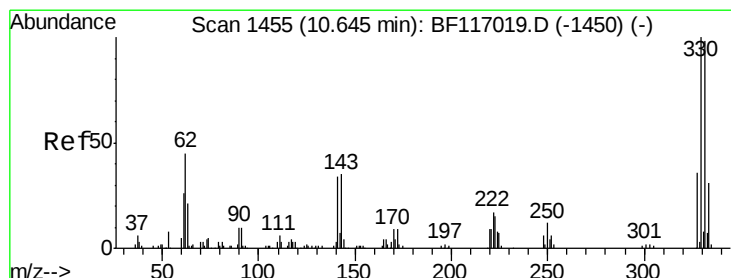
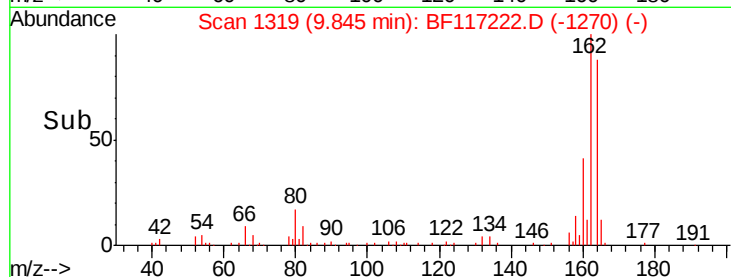
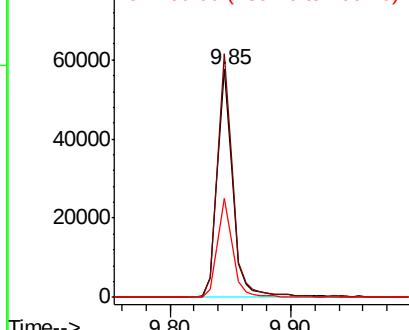
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.4	125.2
160	43.4	36.4	54.6

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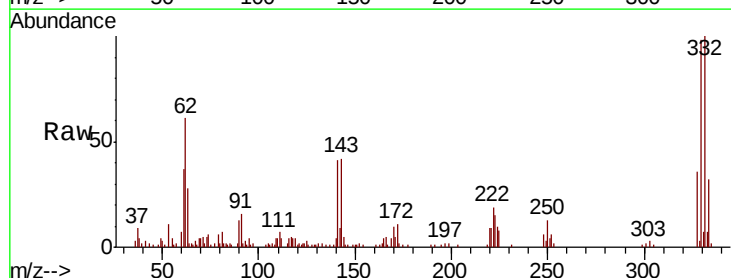


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

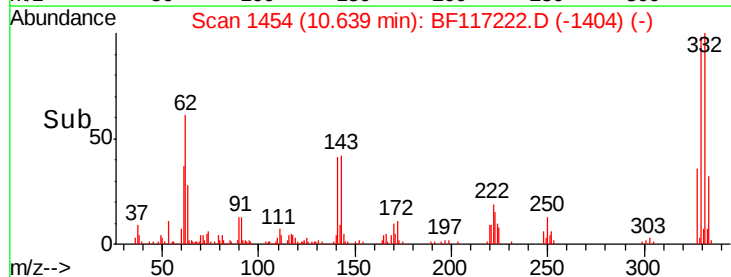
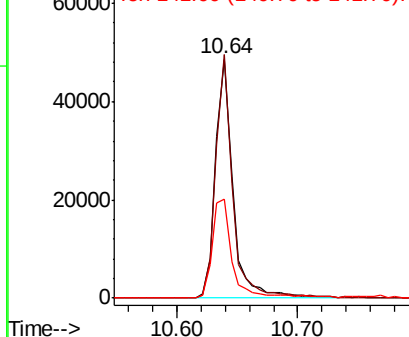


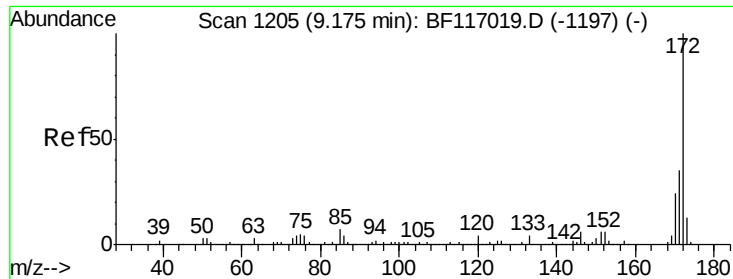
#42
2,4,6-Tribromophenol
Concen: 113.668 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	46.8	35.8	53.6



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





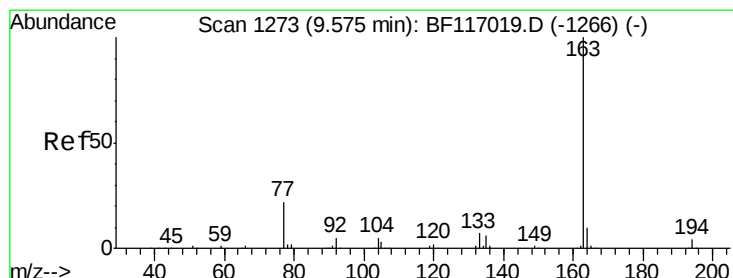
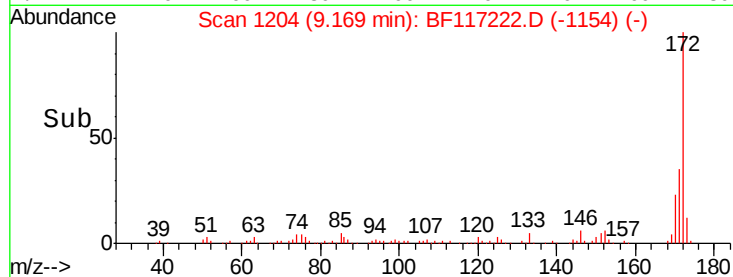
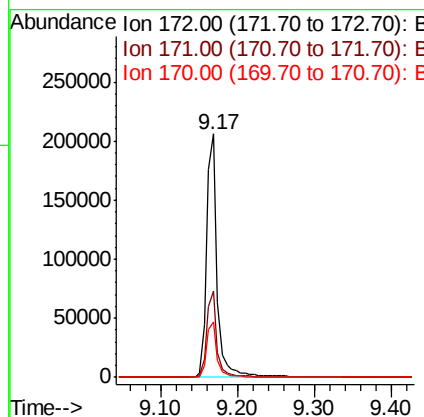
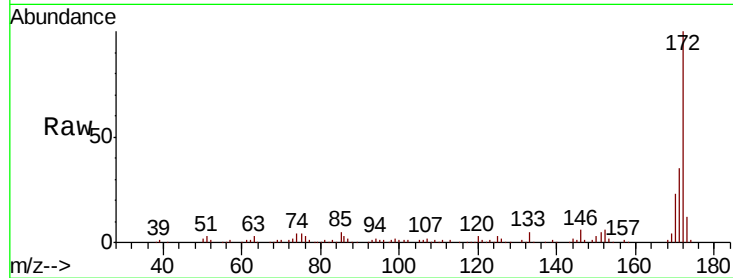
#45
2-Fluorobiphenyl
Concen: 60.854 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Instrument :
BNA_F
ClientSampled :
SB-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	22.6	18.9	28.3

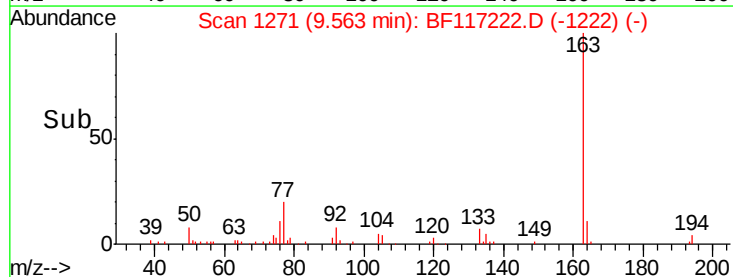
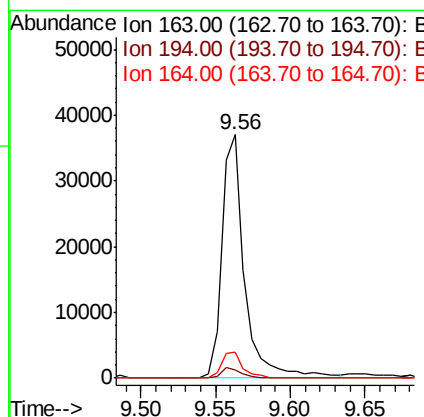
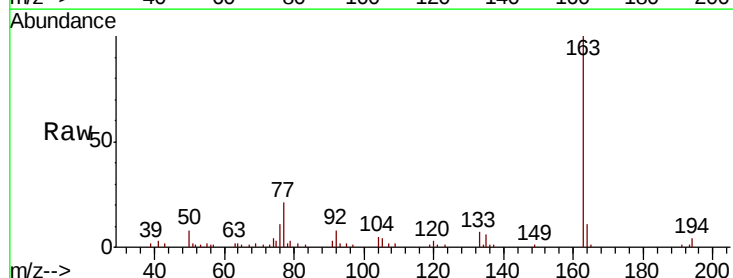
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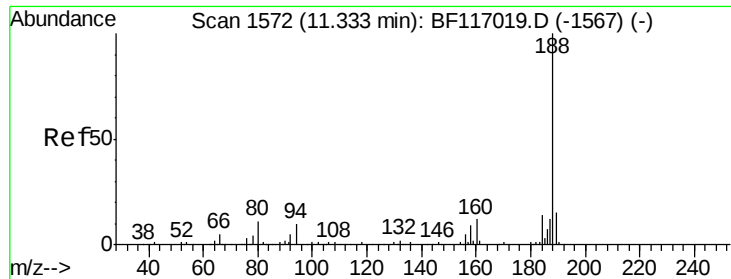
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#50
Dimethylphthalate
Concen: 10.932 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.6	8.2	12.4





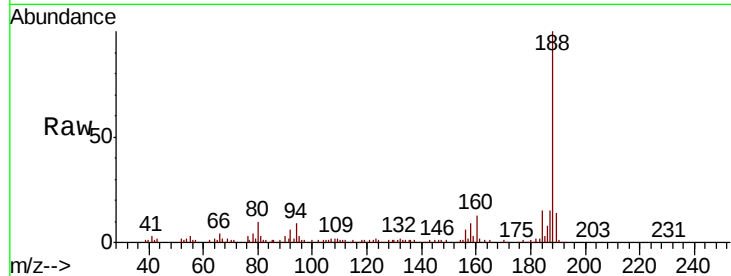
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Instrument :
BNA_F
ClientSampled :
SB-5

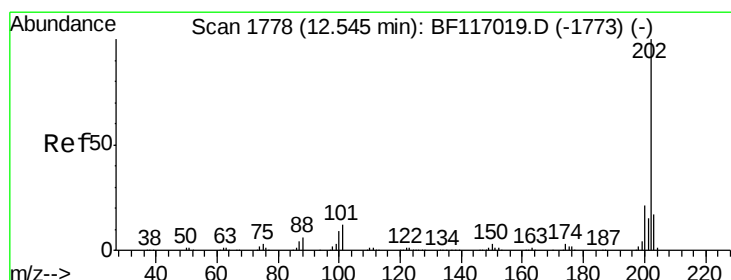
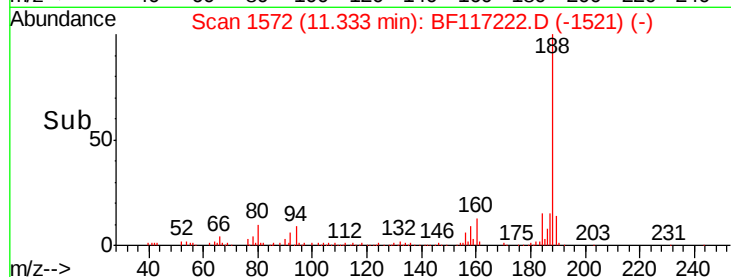
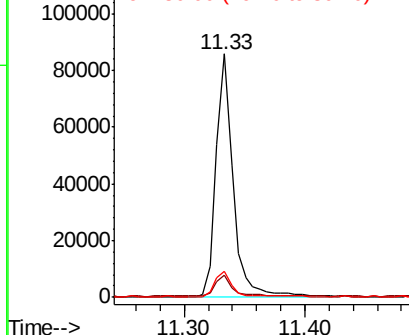
Tot Ion	Ratio	Resp	Lower	Upper
188	100	84162		
94	9.1		8.2	12.2
80	10.5		9.0	13.6

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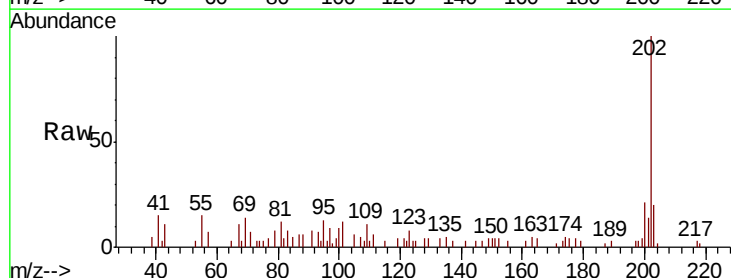


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

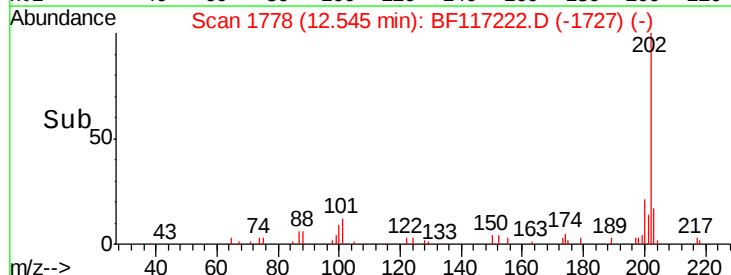
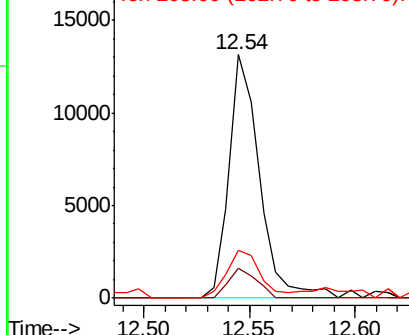


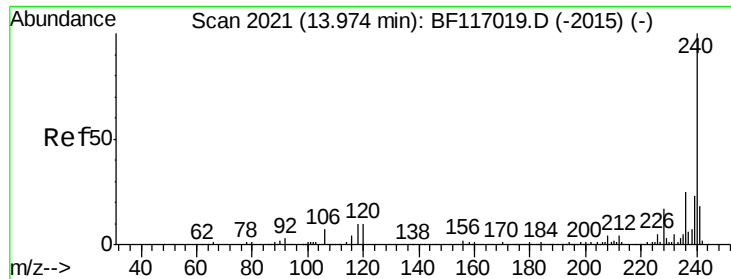
#75
Fluoranthene
Concen: 2.673 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	13129		
101	12.2		0.0	32.3
203	19.6		0.0	37.1



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





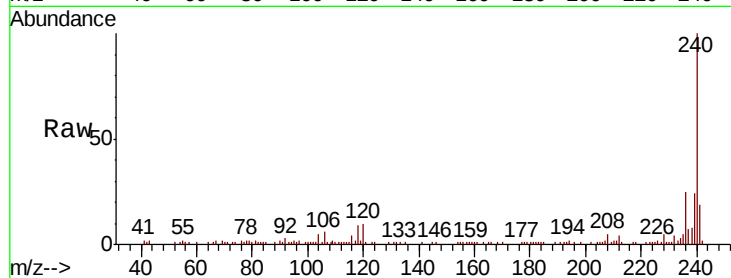
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SB-5

Tot Ion	Ratio	Resp	Lower	Upper
240	100	59045		
120	10.3		8.3	12.5
236	25.1		20.3	30.5

Manual Integrations
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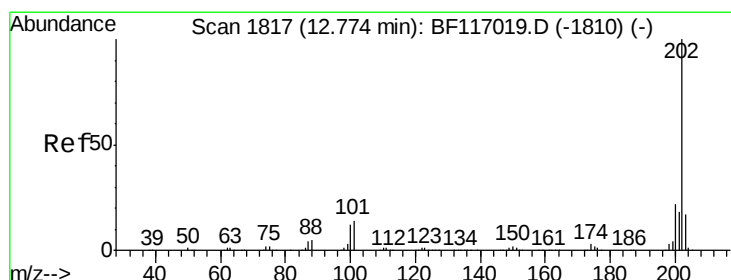
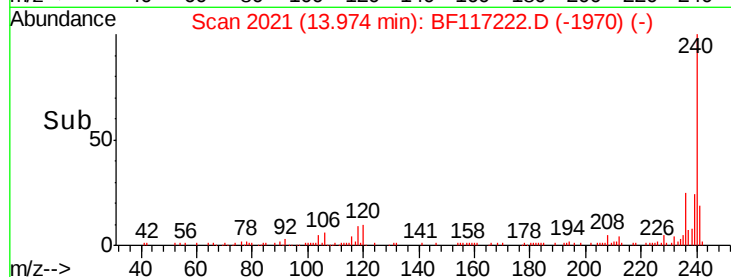
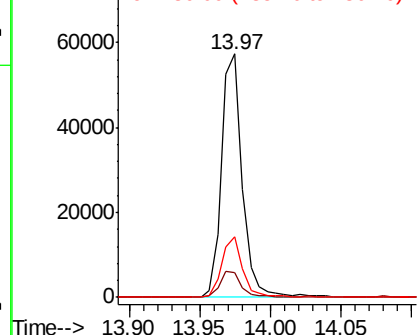


Abundance

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
Pyrene
Concen: 2.828 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

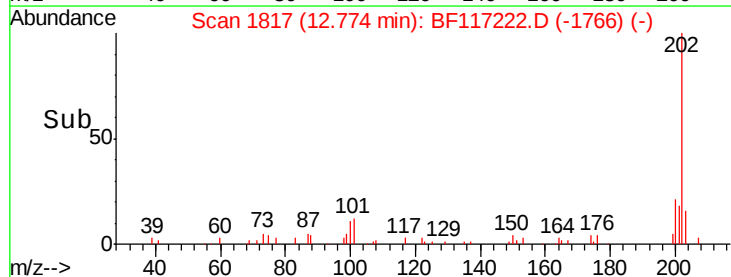
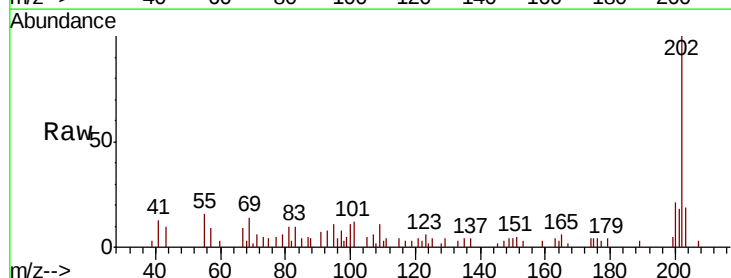
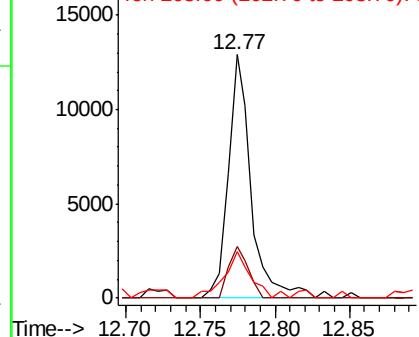
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	14013		
200	21.0		17.2	25.8
203	19.1		14.0	21.0

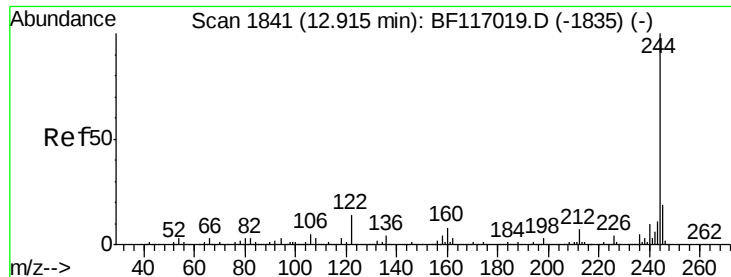
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





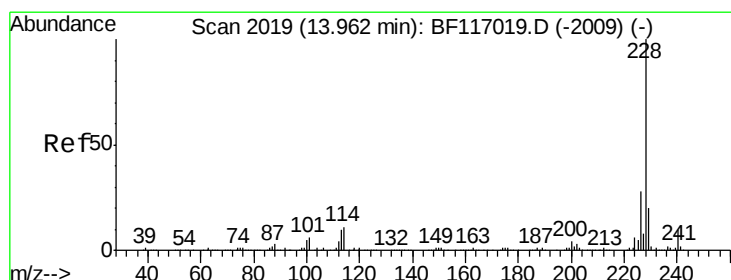
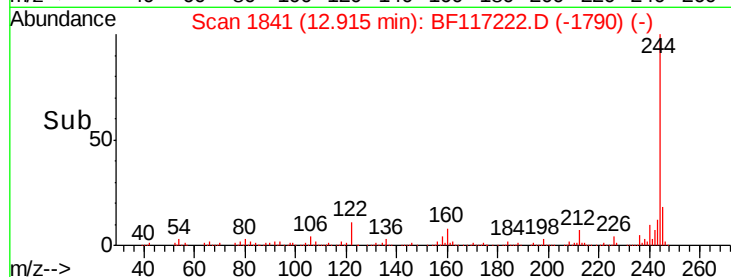
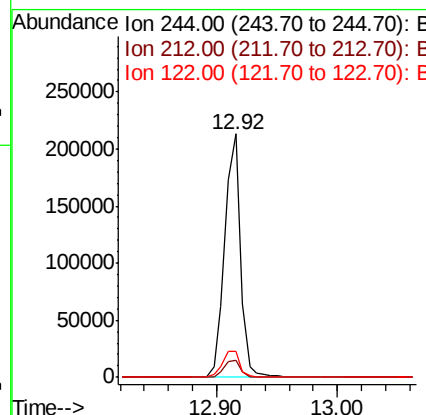
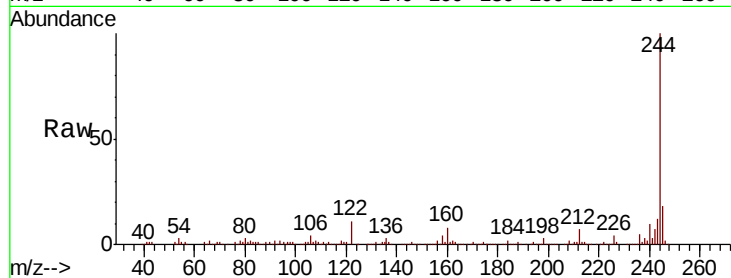
#79
 Terphenyl-d14
 Concen: 60.805 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF117222.D
 Acq: 24 Sep 2019 18:20

Instrument :
 BNA_F
 ClientSampled :
 SB-5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.9	11.3	16.9#

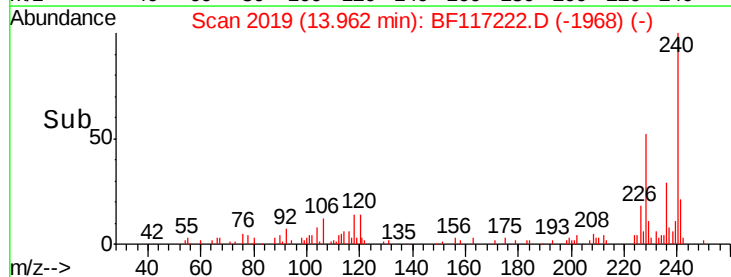
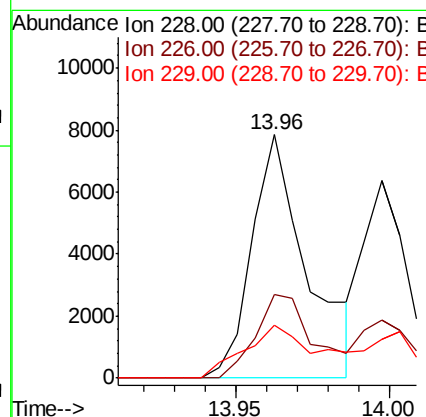
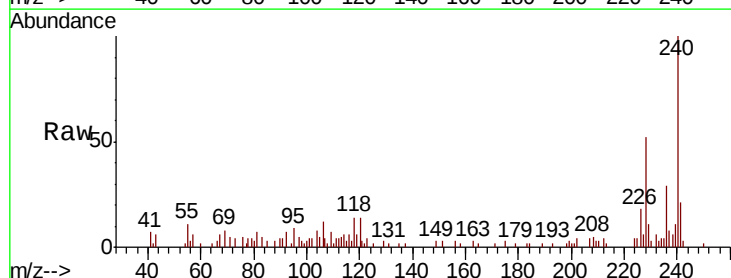
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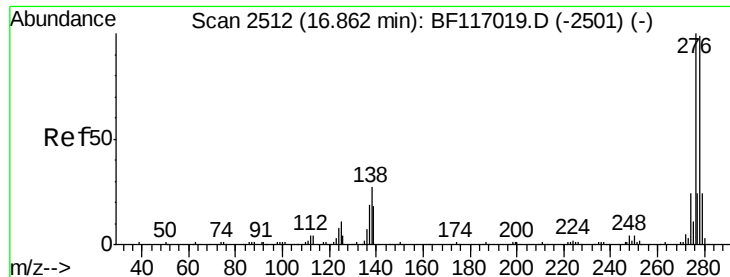
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#81
 Benzo(a)anthracene
 Concen: 2.461 ng m
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF117222.D
 Acq: 24 Sep 2019 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	22.3	33.5#
229	21.6	15.9	23.9





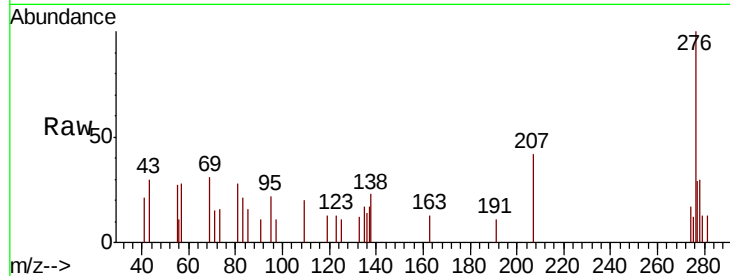
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.199 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SB-5

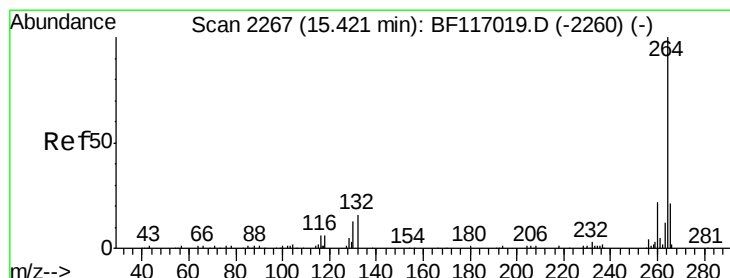
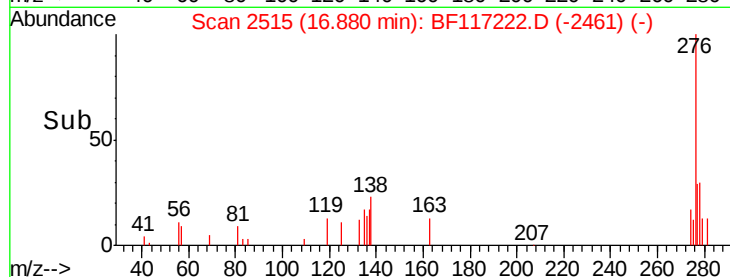
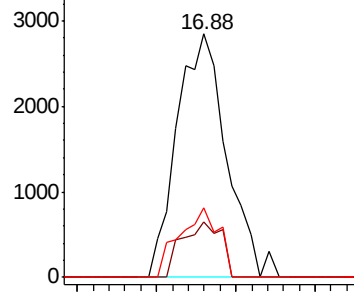
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	20.7	31.1#
277	22.6	19.8	29.8

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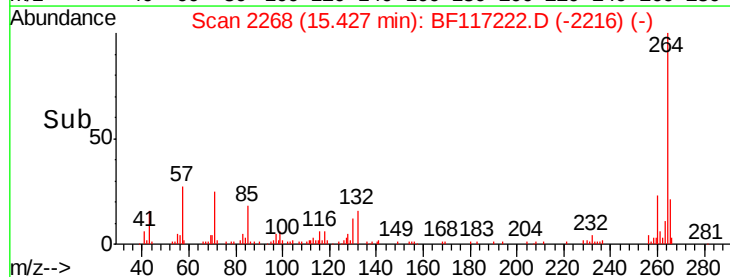
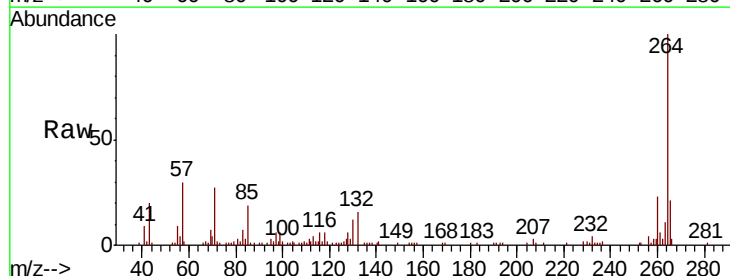
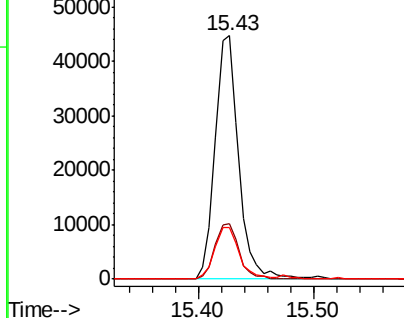
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

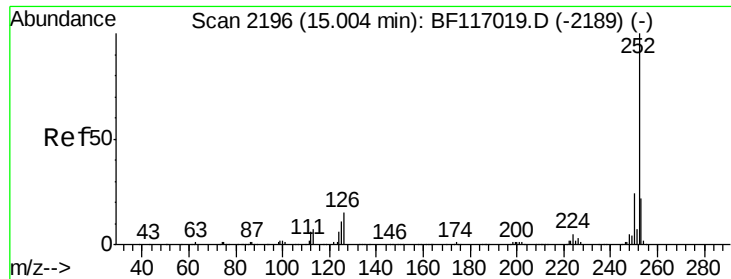


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.6	26.4
265	21.4	16.6	24.8

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





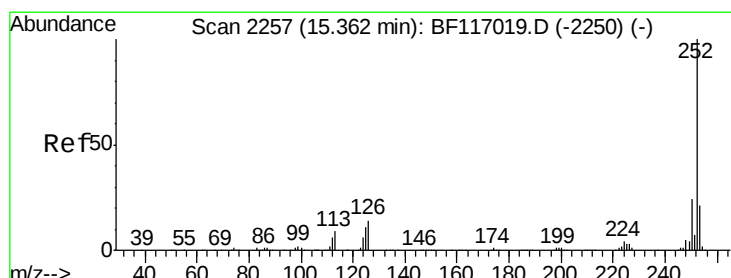
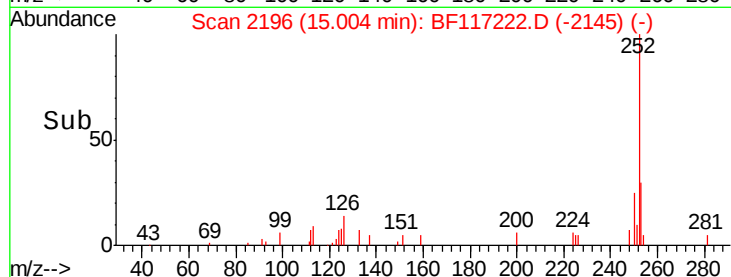
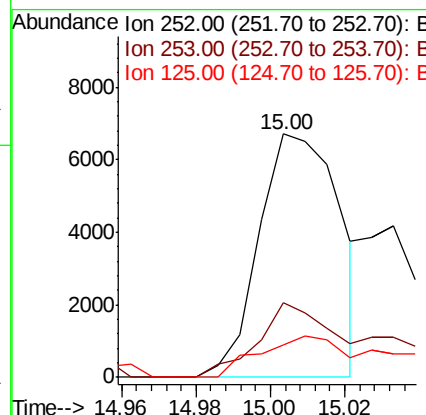
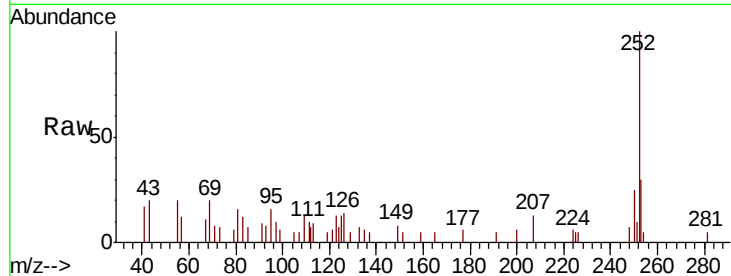
#88
Benzo(b)fluoranthene
Concen: 2.625 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Instrument :
BNA_F
ClientSampled :
SB-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.6	26.4#
125	13.3	8.6	12.8#

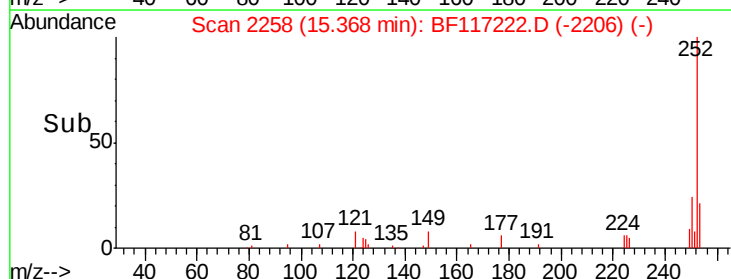
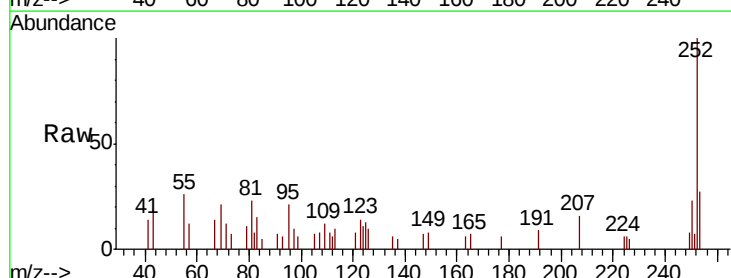
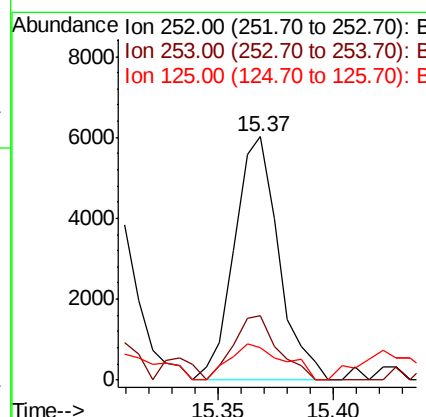
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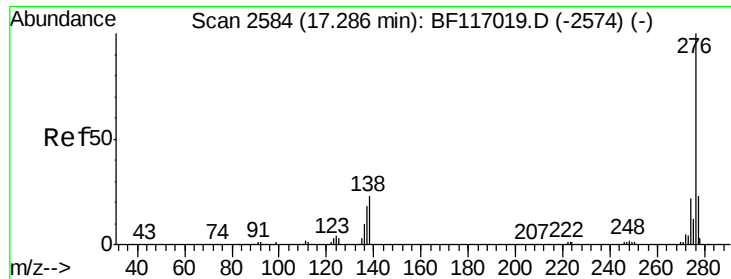
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#90
Benzo(a)pyrene
Concen: 2.387 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117222.D
Acq: 24 Sep 2019 18:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	16.6	25.0#
125	13.4	8.9	13.3#





#92
 Benzo(a,h,i)perylene
 Concen: 2.210 ng
 RT: 17.32 min Scan# 2589
 Delta R.T. 0.03 min
 Lab File: BF117222.D
 Acq: 24 Sep 2019 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

Tot Ion:	276	Resp:	5935
Ion Ratio	Lower	Upper	
276	100		
277	21.4	18.6	27.8
138	24.1	18.0	27.0

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