

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
 Data File : BF117284.D
 Acq On : 1 Oct 2019 18:41
 Operator : JU
 Sample : K5093-06RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPRES

Manual Integrations
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Quant Time: Oct 02 06:04:44 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	6.80	152	46434	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	170064	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	76097	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	101604	20.00	ng	0.00
76) Chrysene-d12	13.97	240	82482	20.00	ng	0.00
87) Perylene-d12	15.43	264	76684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	196940	66.22	ng	0.00
7) Phenol-d6	6.45	99	267391	69.57	ng	0.00
23) Nitrobenzene-d5	7.37	82	180236	55.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	38441	60.44	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	309463	63.59	ng	-0.01
79) Terphenyl-d14	12.91	244	220022	49.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	39773	7.382	ng	Qvalue 96
71) Phenanthrene	11.35	178	16386	2.839	ng	96
75) Fluoranthene	12.54	202	32141	5.420	ng	99
78) Pyrene	12.77	202	32153	4.646	ng	98
81) Benzo(a)anthracene	13.96	228	19003	3.448	ng	95
83) Chrysene	14.00	228	20774	3.865	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	51016	12.099	ng	96
86) Indeno(1,2,3-cd)pyrene	16.88	276	15435	3.936	ng	# 93
88) Benzo(b)fluoranthene	15.00	252	30878m	6.648	ng	
89) Benzo(k)fluoranthene	15.03	252	9435m	2.144	ng	
90) Benzo(a)pyrene	15.37	252	18392	4.512	ng	# 79
92) Benzo(a,h,i)perylene	17.32	276	17176	5.308	ng	96

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

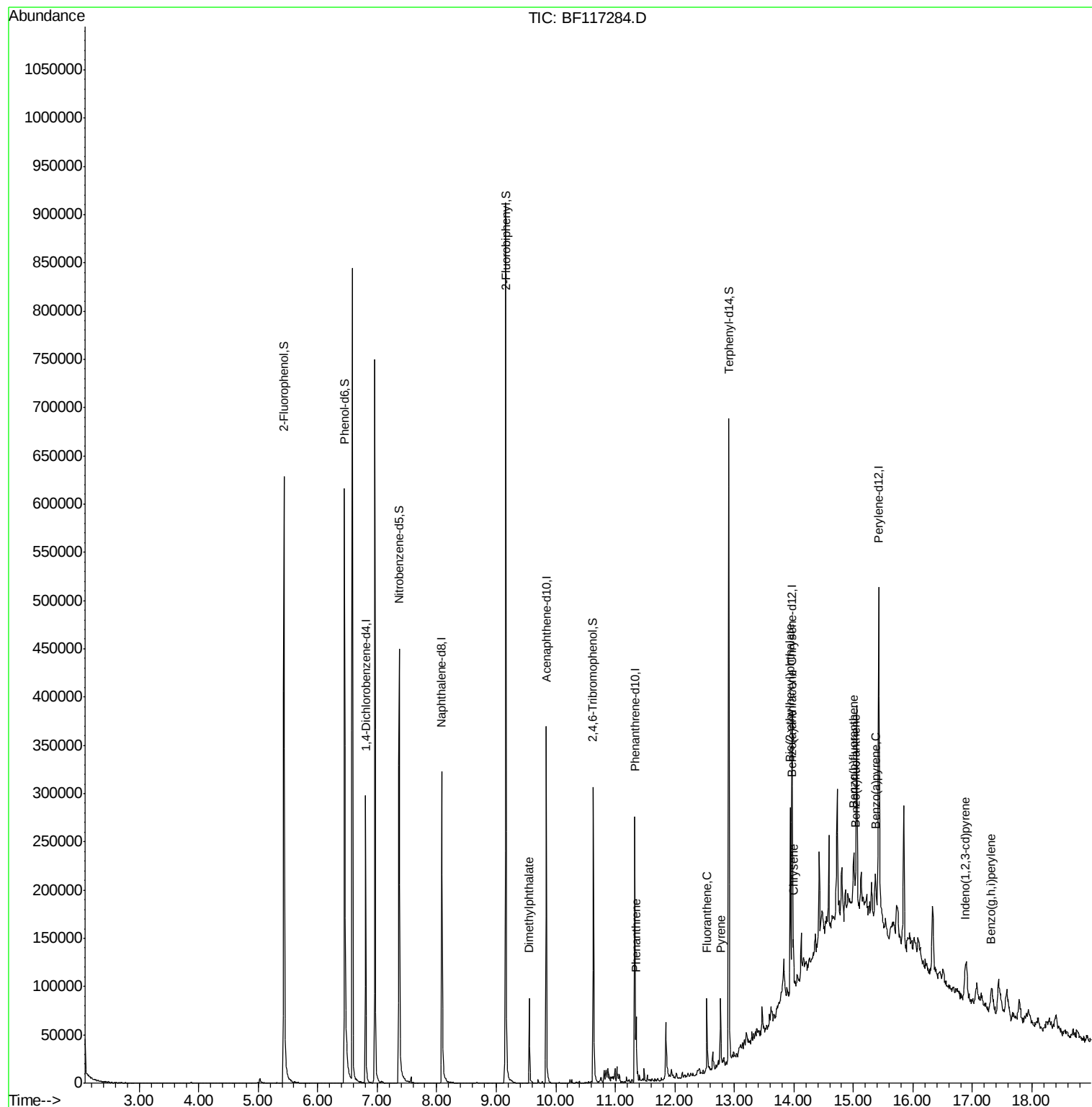
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117284.D
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ALS Vial : 7 Sample Multiplier: 1

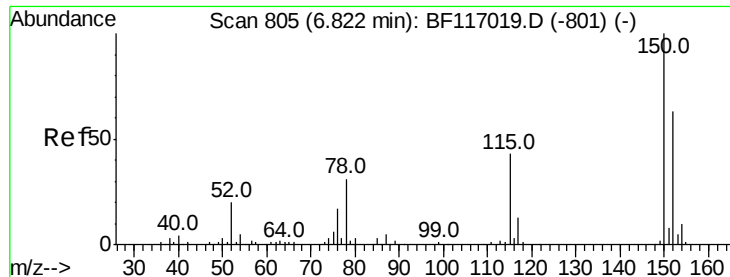
Instrument :
BNA_F
ClientSampleId :
SB-03-COMPRES

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Quant Time: Oct 02 06:04:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

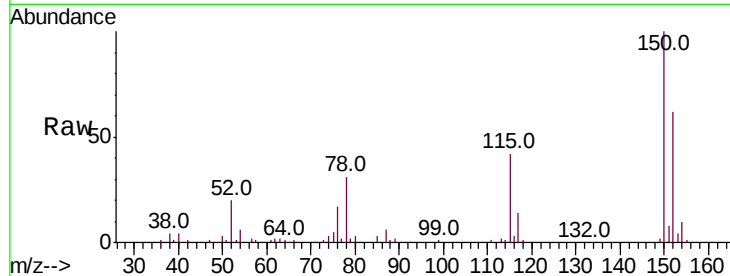
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPRES

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	127.5	191.3
115	68.2	55.0	82.4

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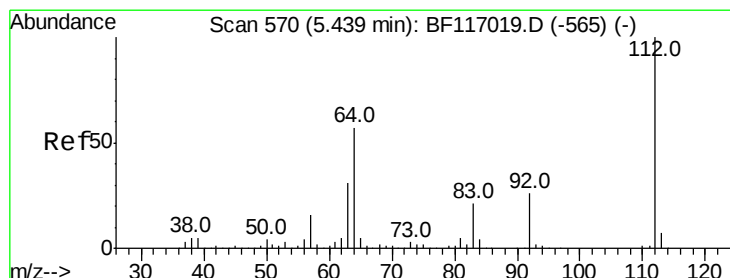
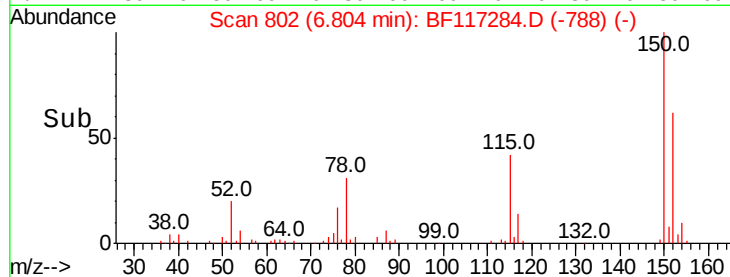
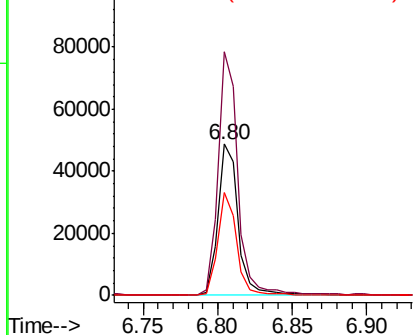


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

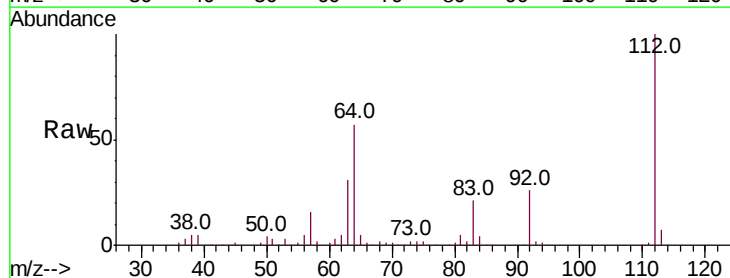
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.217 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.7	68.5
63	31.3	24.9	37.3

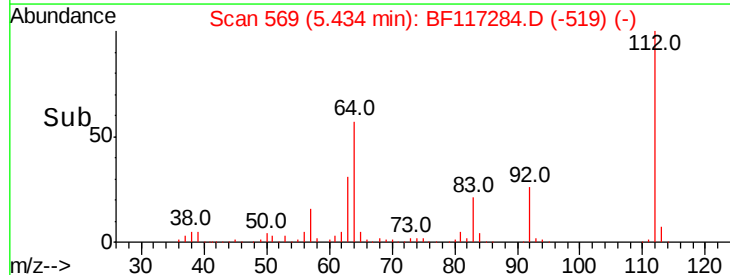
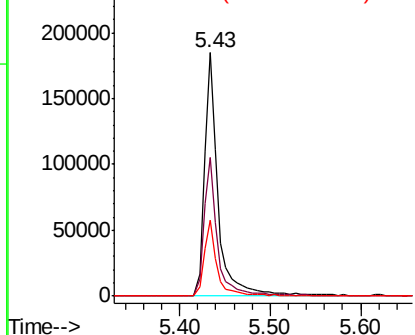


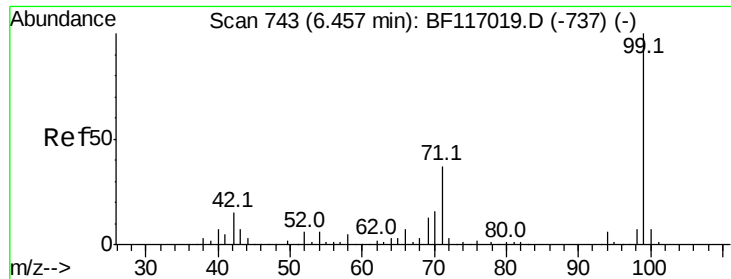
Abundance

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: 69.566 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117284.D

Acq: 1 Oct 2019 18:41

Instrument :

BNA_F

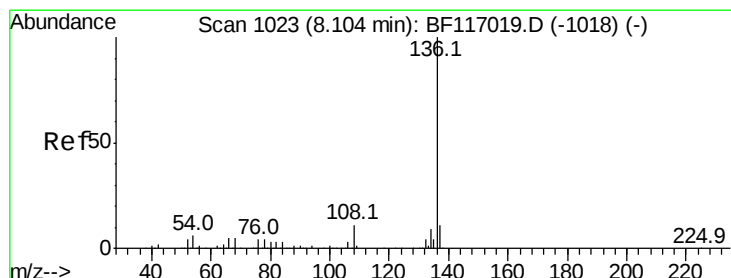
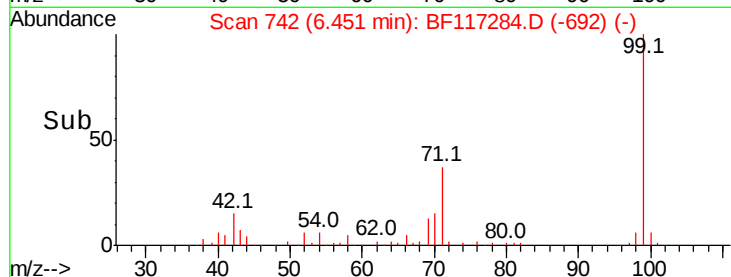
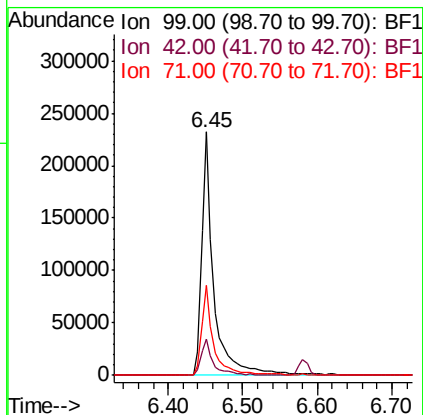
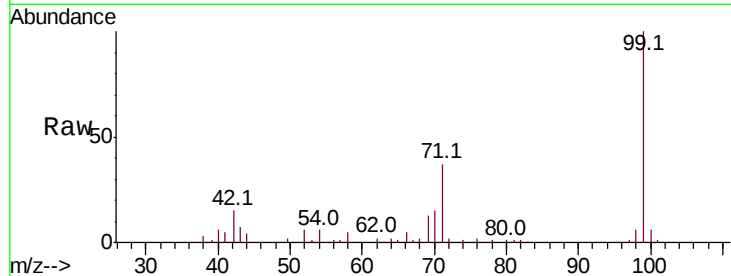
ClientSampleId :

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Tot Ion:	99	Resp:	267391
Ion Ratio	Lower	Upper	
99	100		
42	15.0	12.2	18.2
71	36.9	29.8	44.8

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#21

Naphthalene-d8

Concen: 20.000 ng

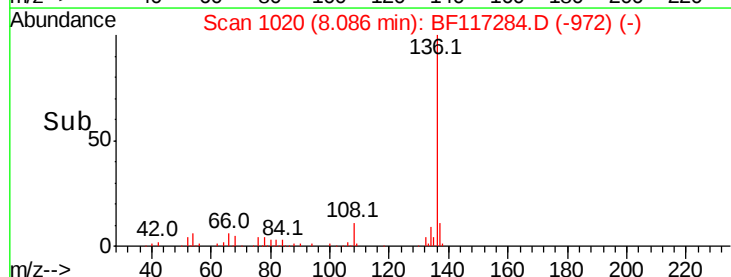
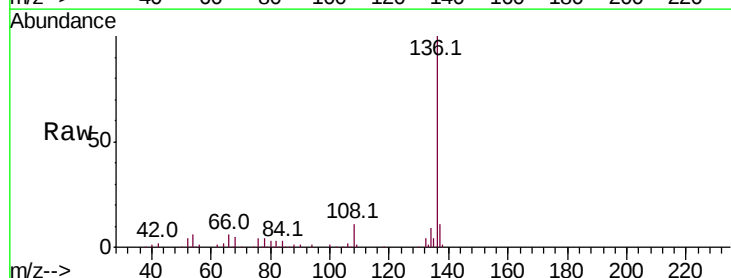
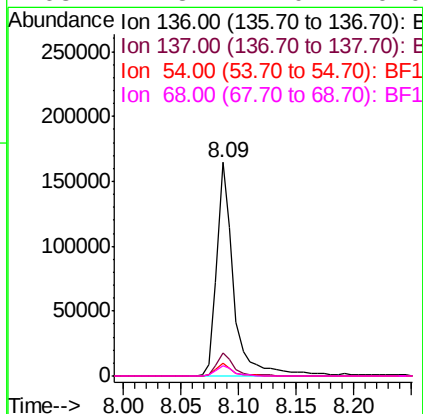
RT: 8.09 min Scan# 1020

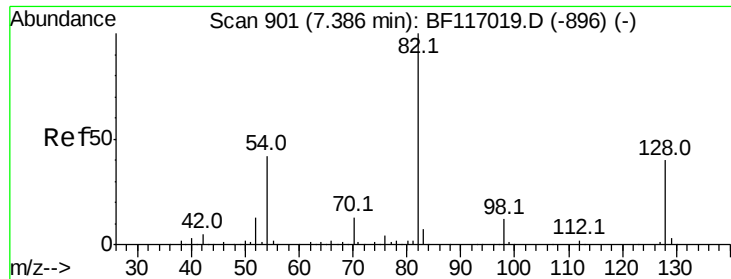
Delta R.T. -0.02 min

Lab File: BF117284.D

Acq: 1 Oct 2019 18:41

Tgt Ion:	136	Resp:	170064
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	5.8	4.5	6.7
68	4.8	4.0	6.0





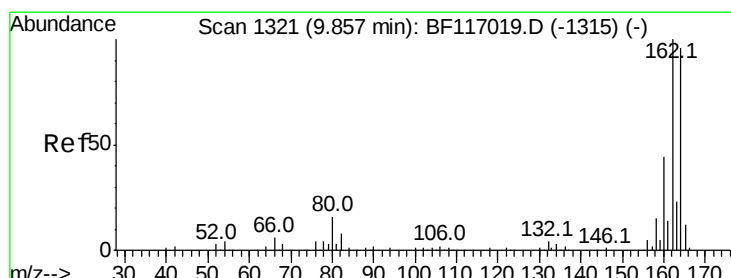
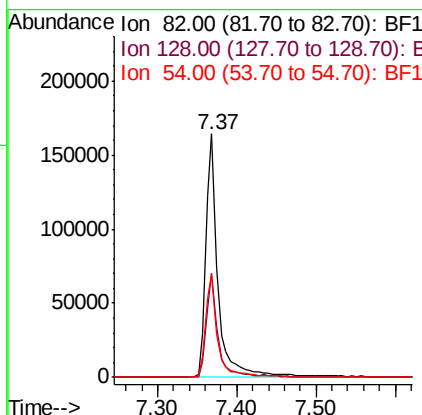
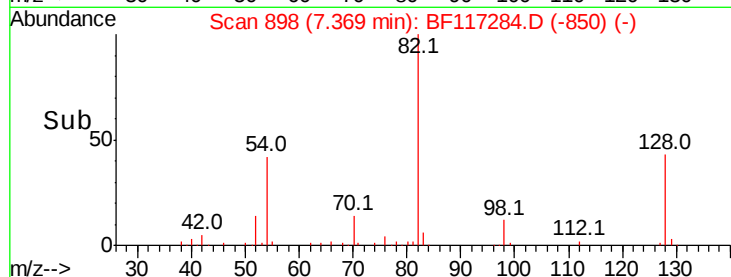
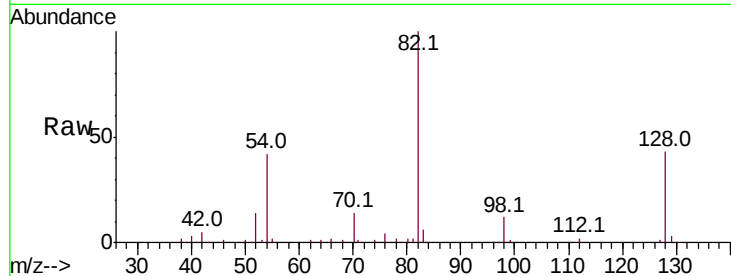
#23
 Nitrobenzene-d5
 Concen: 55.685 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117284.D
 Acq: 1 Oct 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPRES

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.3	48.5
54	42.2	33.3	49.9

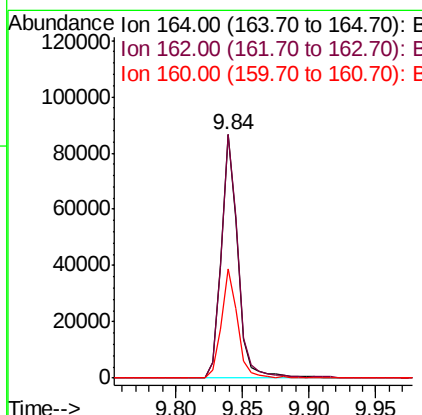
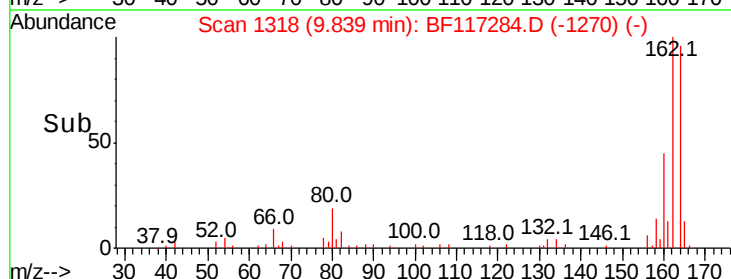
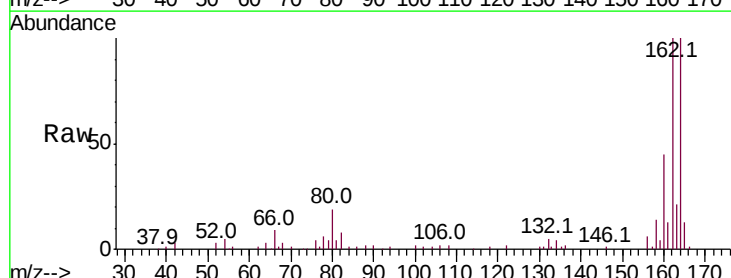
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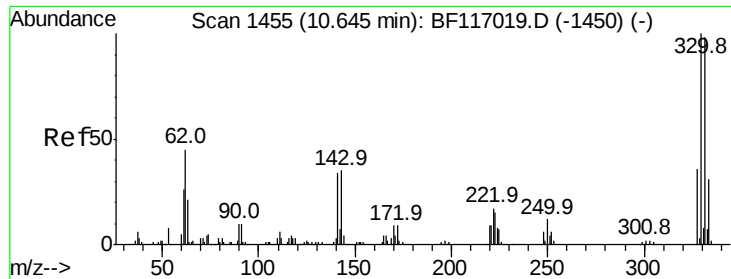
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF117284.D
 Acq: 1 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.4	125.2
160	44.7	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 60.442 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF117284.D

Acq: 1 Oct 2019 18:41

Instrument :

BNA_F

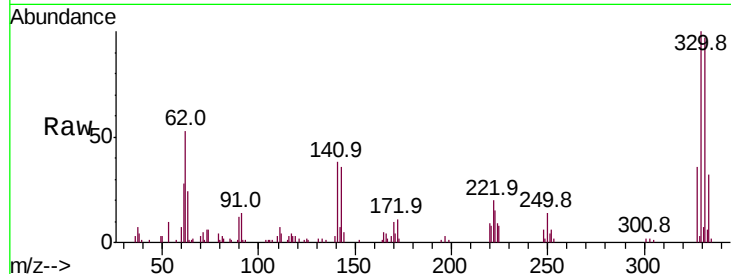
ClientSampleId :

SB-03-COMPRES

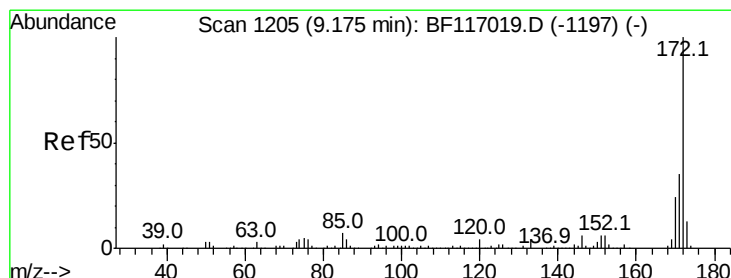
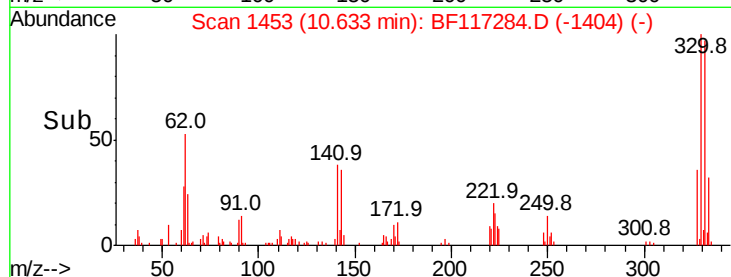
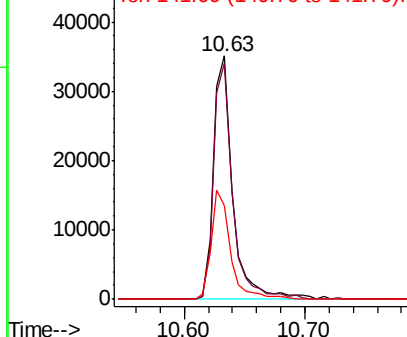
Tot Ion:	330	Resp:	38441
Ion Ratio	Lower	Upper	
330	100		
332	95.6	78.0	117.0
141	44.5	35.8	53.6

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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: 63.586 ng

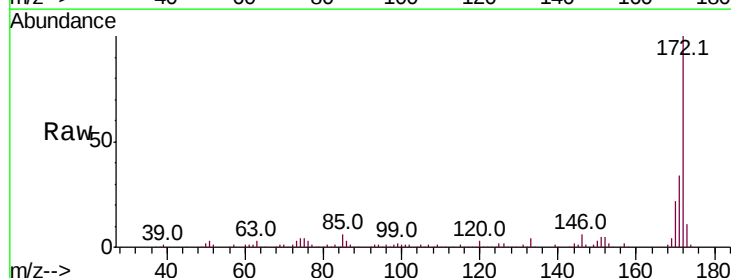
RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

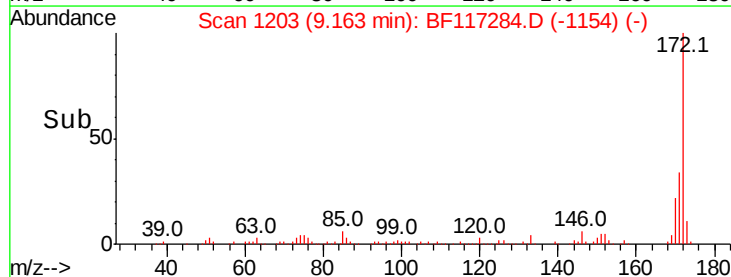
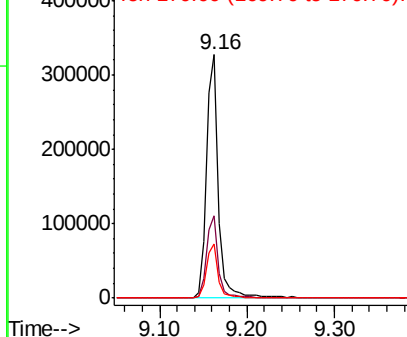
Lab File: BF117284.D

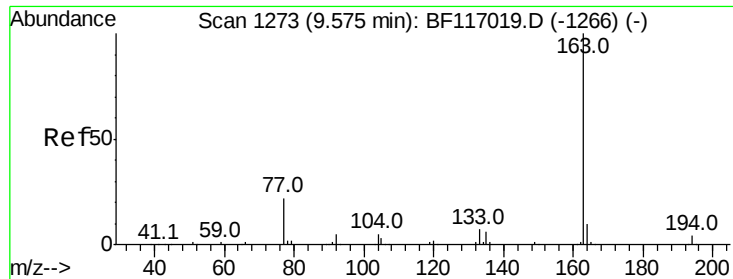
Acq: 1 Oct 2019 18:41

Tgt Ion:	172	Resp:	309463
Ion Ratio	Lower	Upper	
172	100		
171	34.0	28.2	42.2
170	22.1	18.9	28.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





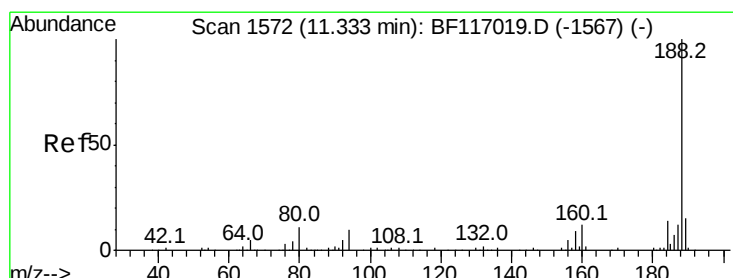
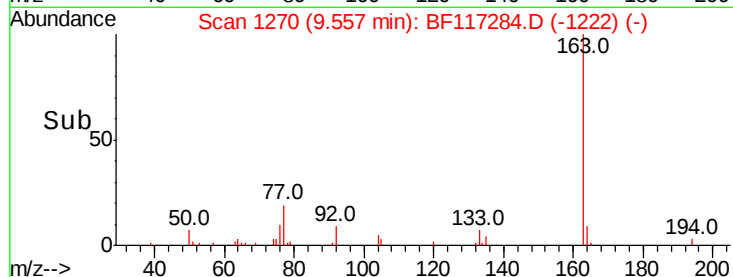
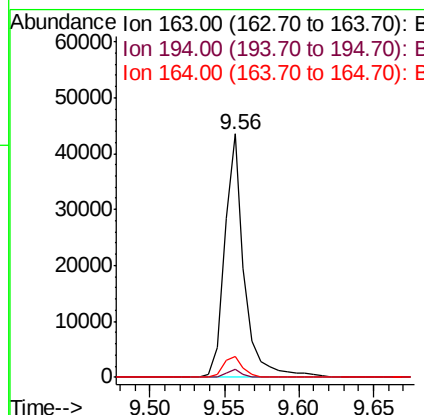
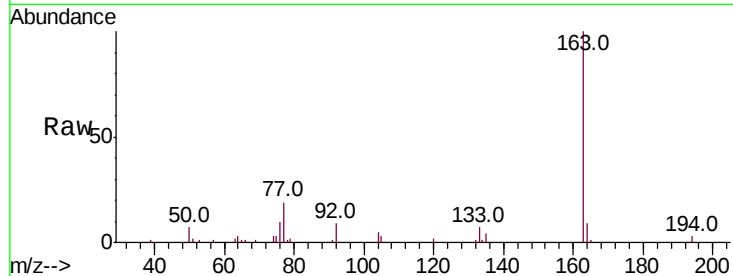
#50
Dimethylphthalate
Concen: 7.382 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPRES

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	8.5	8.2	12.4

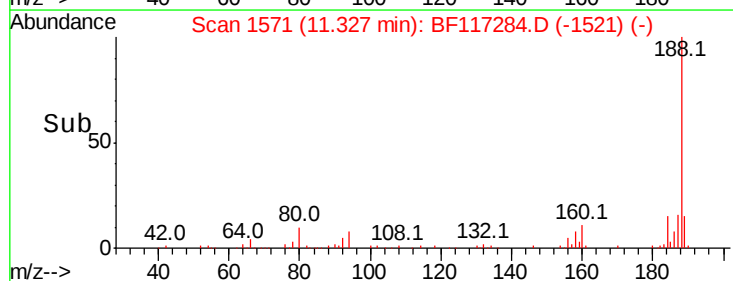
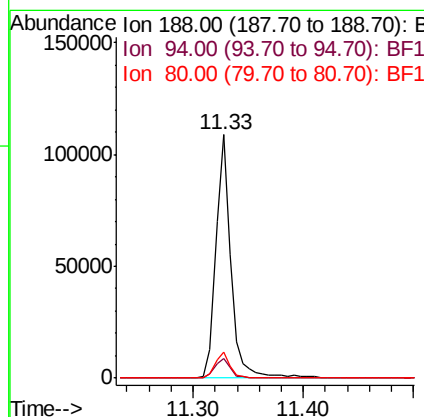
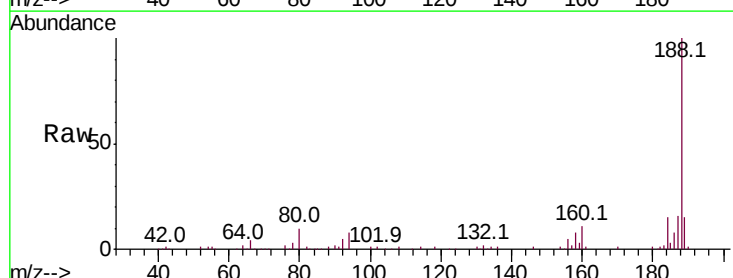
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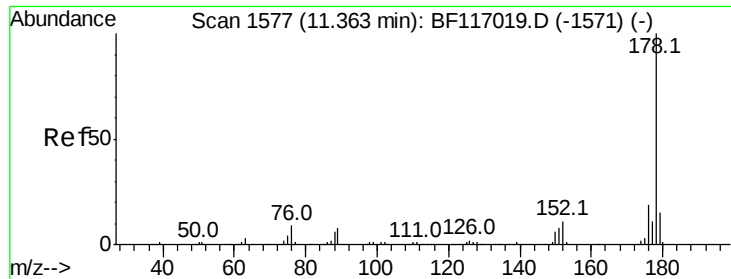
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	10.5	9.0	13.6





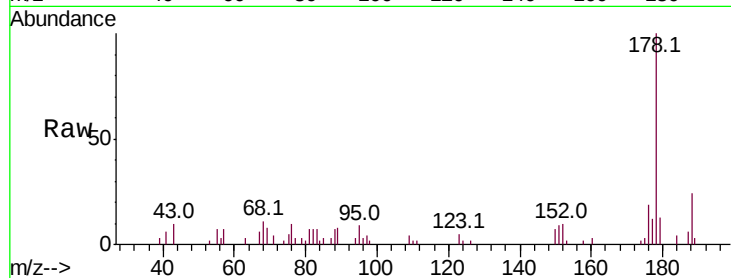
#71
Phenanthrene
Concen: 2.839 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPRES

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	12.7	12.4	18.6

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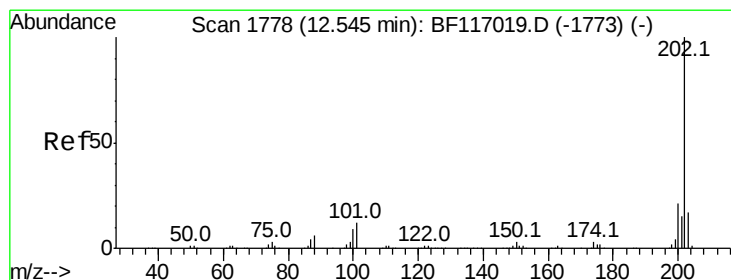
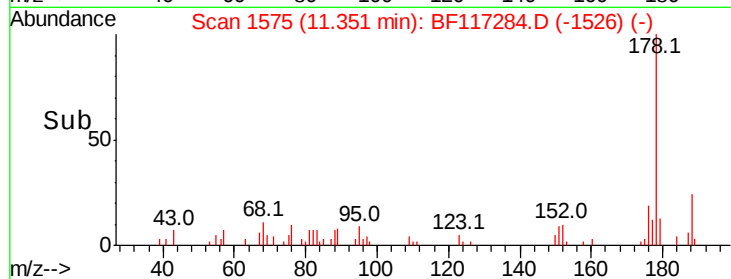
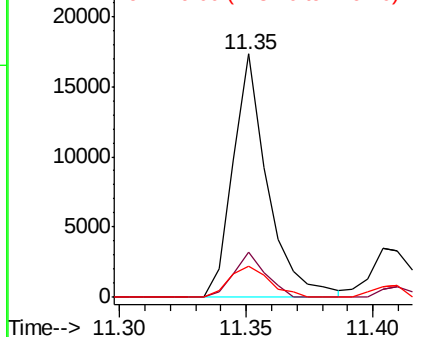


Abundance

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: 5.420 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

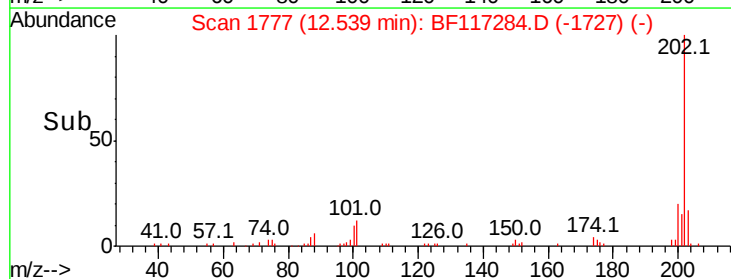
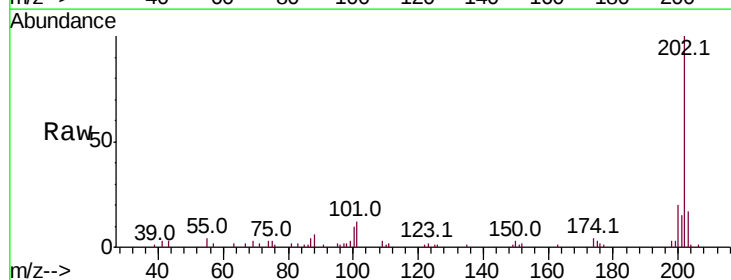
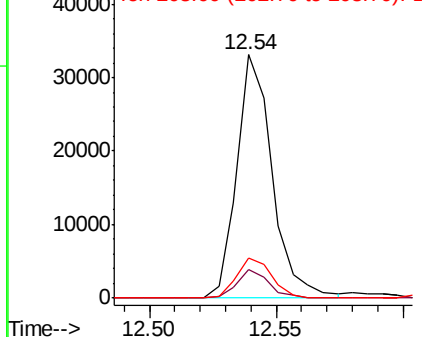
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.3
203	16.7	0.0	37.1

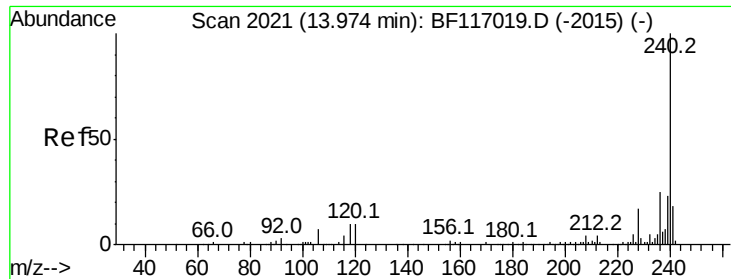
Abundance

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





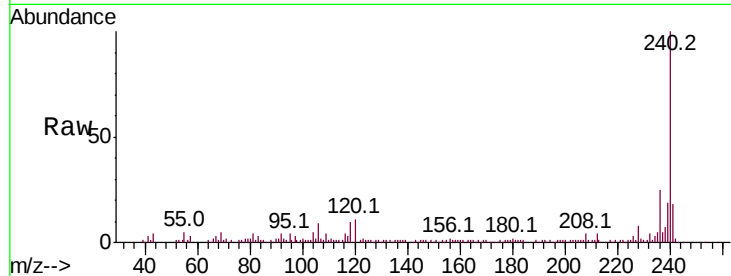
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPRES

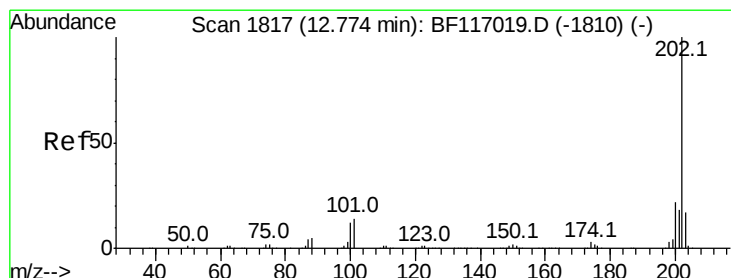
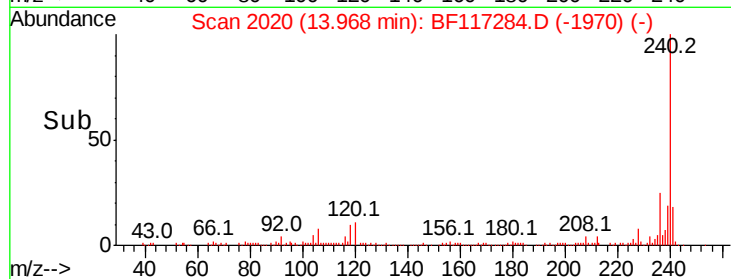
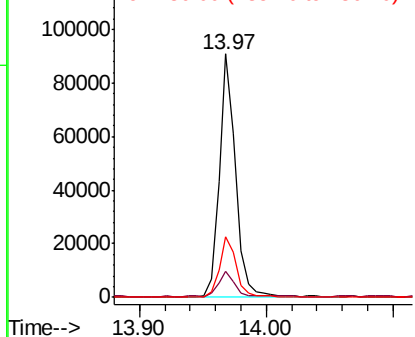
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.1	20.3	30.5

Manual Integrations
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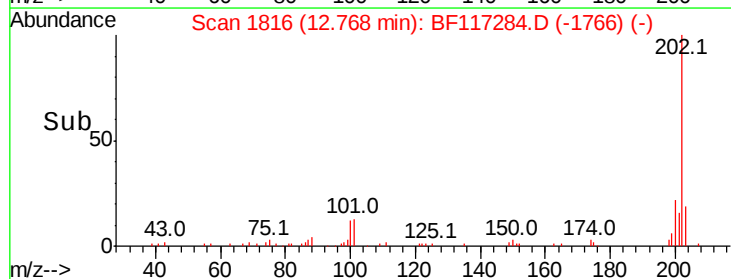
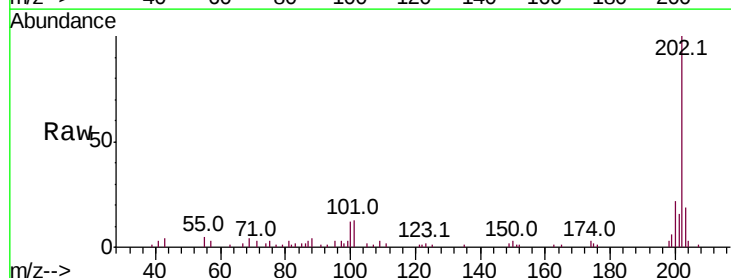
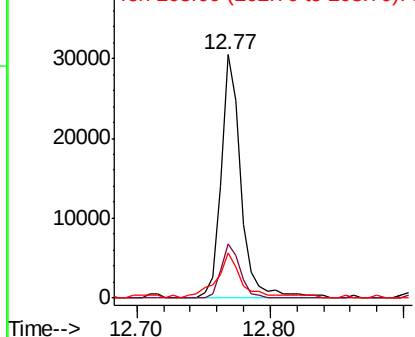
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

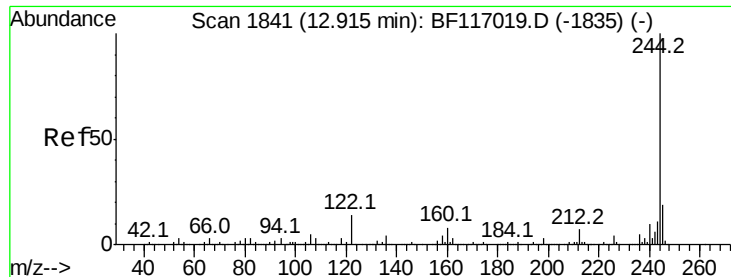


#78
Pyrene
Concen: 4.646 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	18.6	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





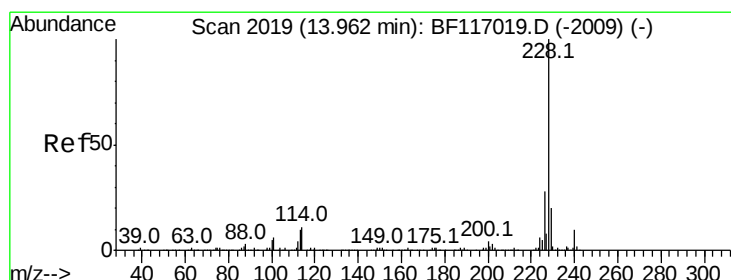
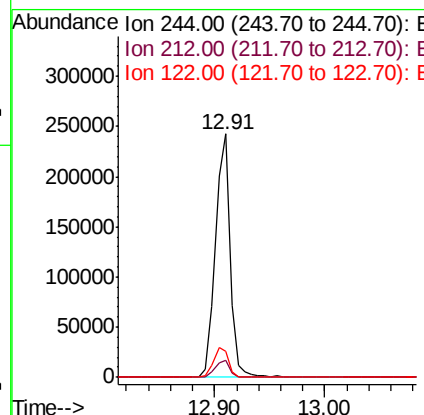
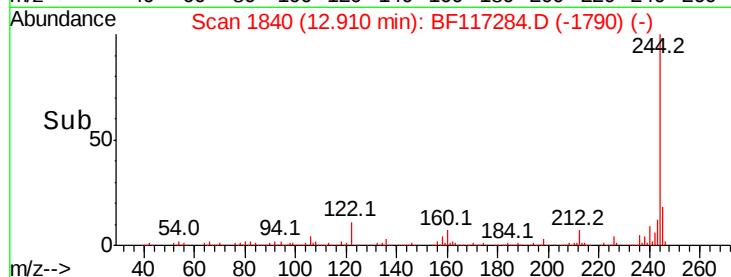
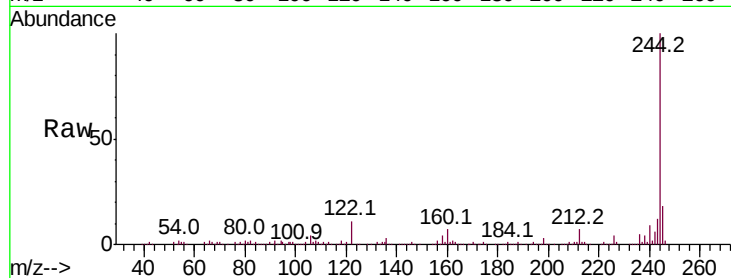
#79
 Terphenyl-d14
 Concen: 49.862 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117284.D
 Acq: 1 Oct 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMPRES

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.8	11.3	16.9

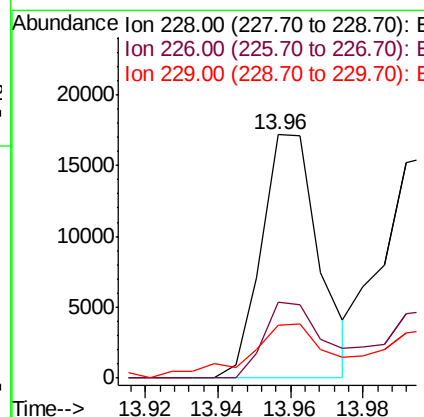
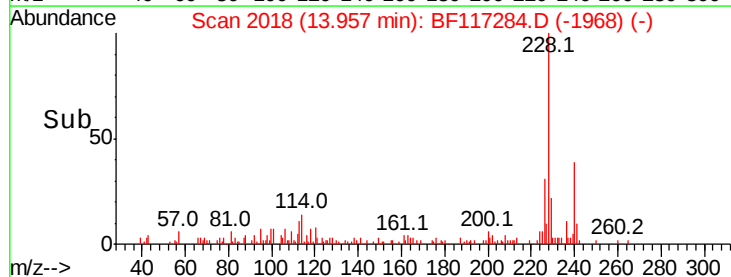
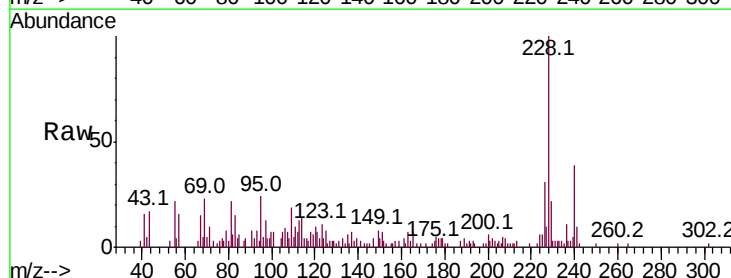
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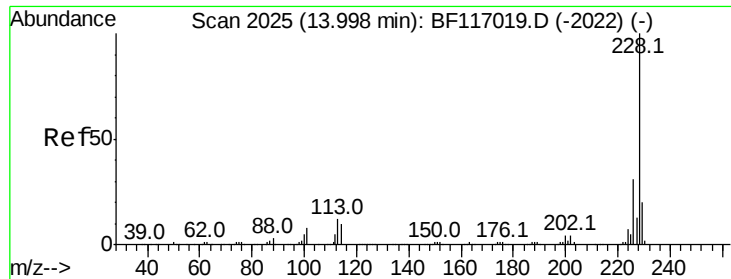
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#81
 Benzo(a)anthracene
 Concen: 3.448 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF117284.D
 Acq: 1 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.3	33.5
229	21.9	15.9	23.9





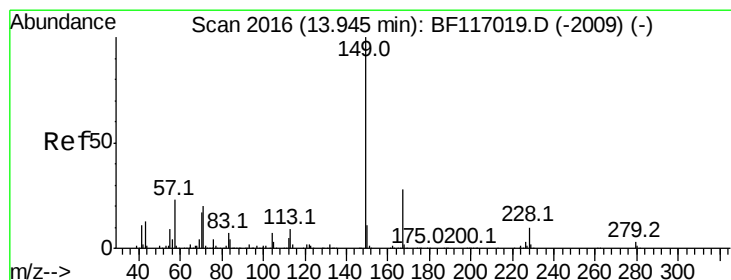
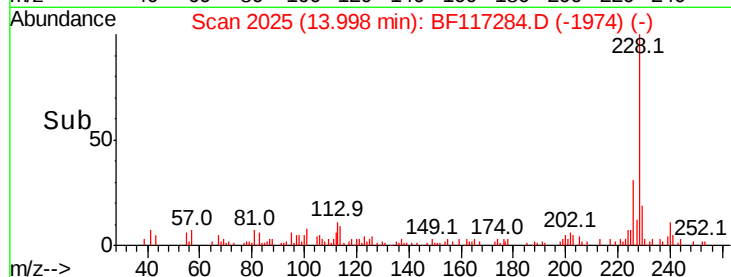
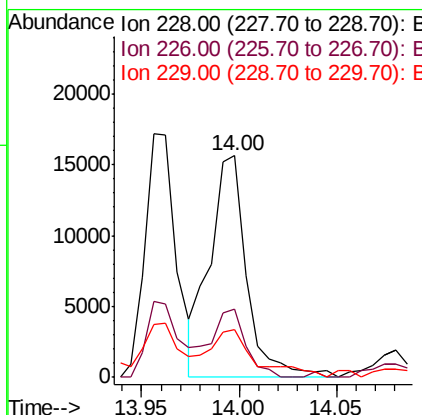
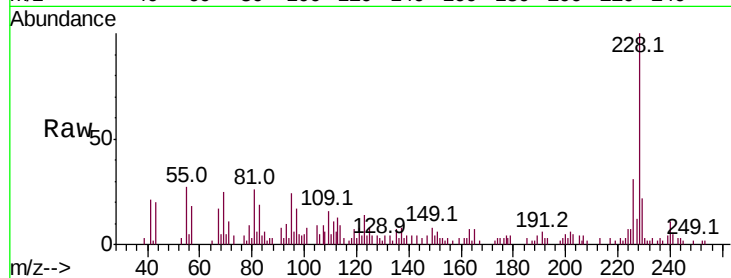
#83
Chrysene
Concen: 3.865 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPRES

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	21.7	15.8	23.8

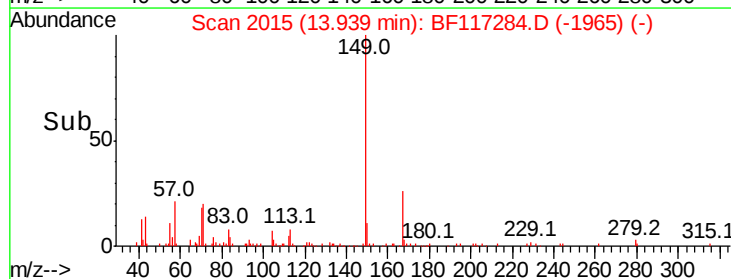
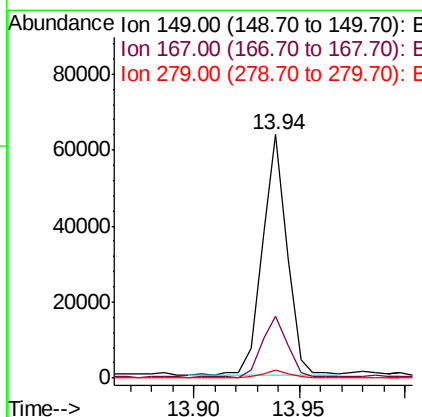
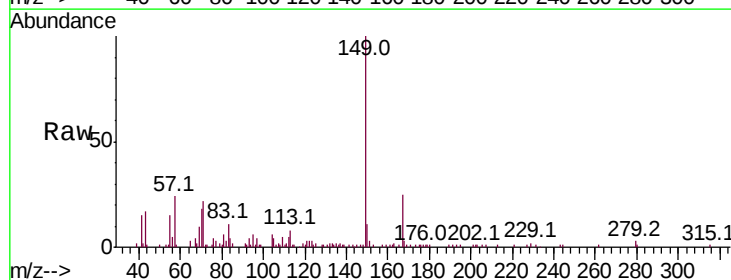
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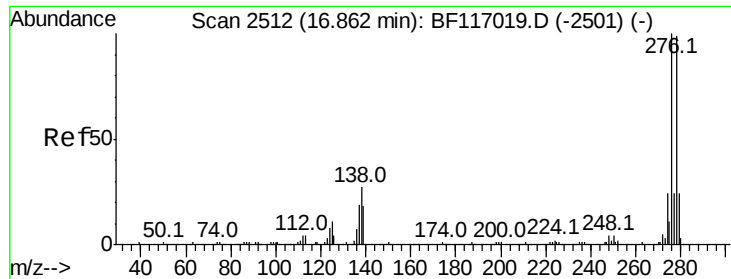
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#84
Bis(2-ethylhexyl)phthalate
Concen: 12.099 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.2	33.2
279	3.2	2.8	4.2





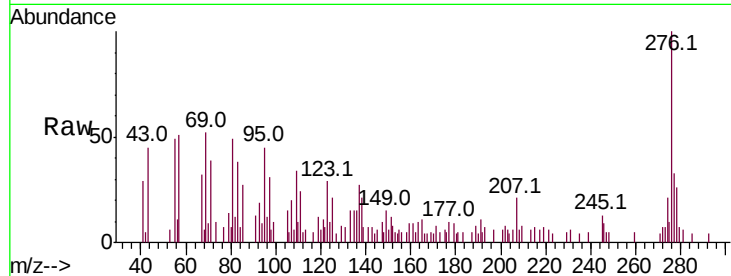
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.936 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPRES

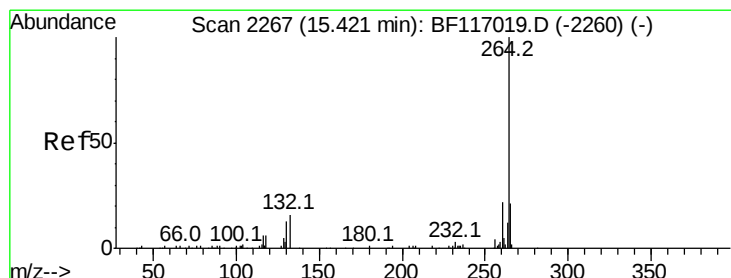
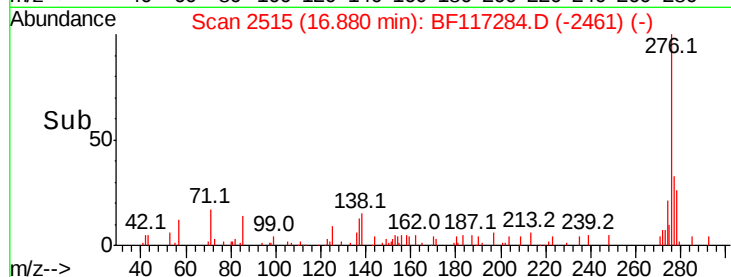
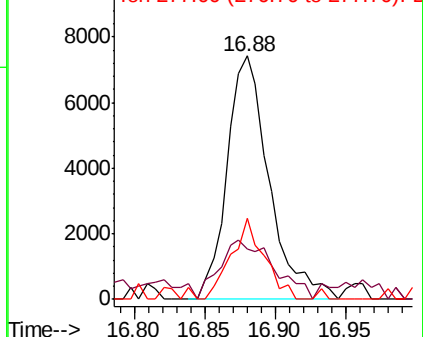
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	20.7	31.1#
277	26.0	19.8	29.8

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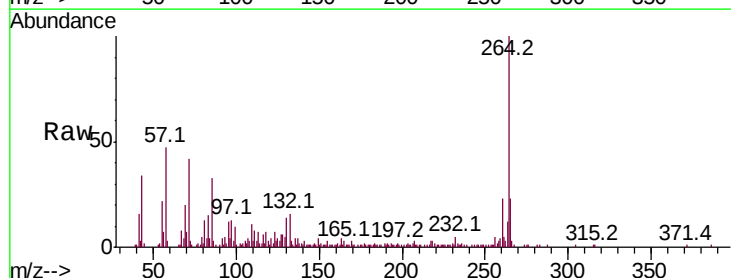


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

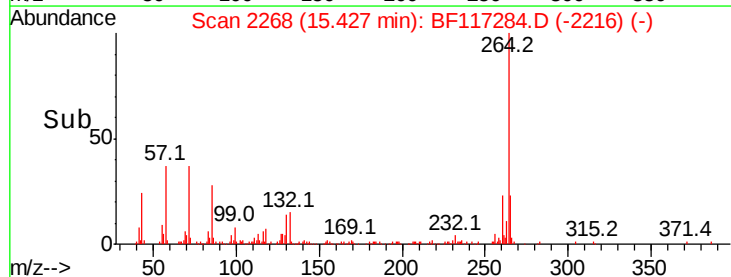
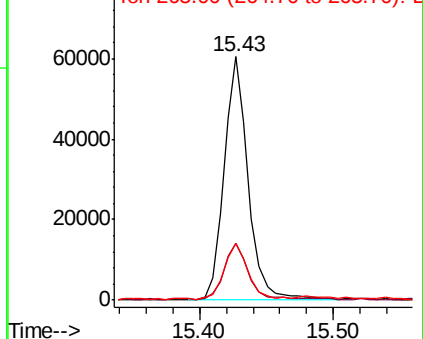


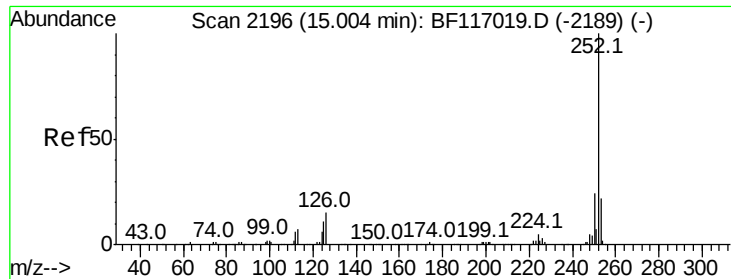
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	23.4	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





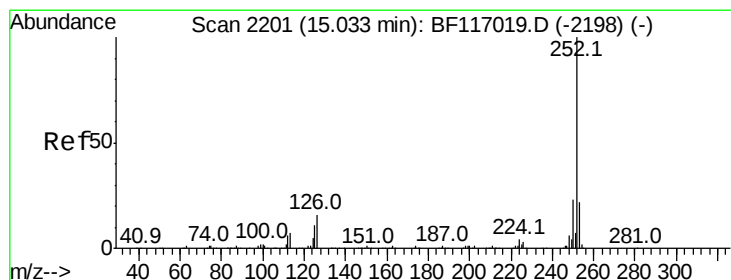
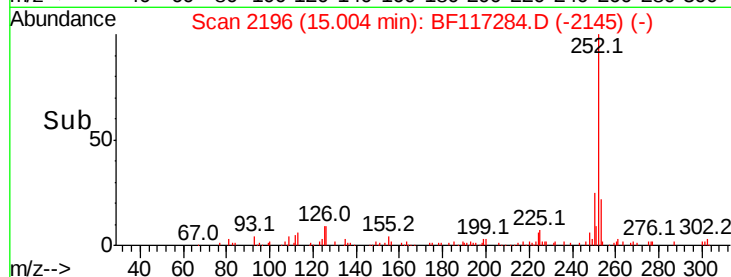
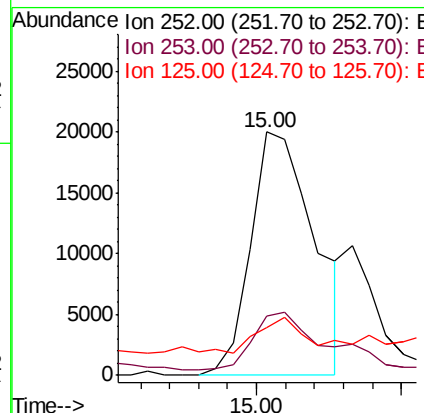
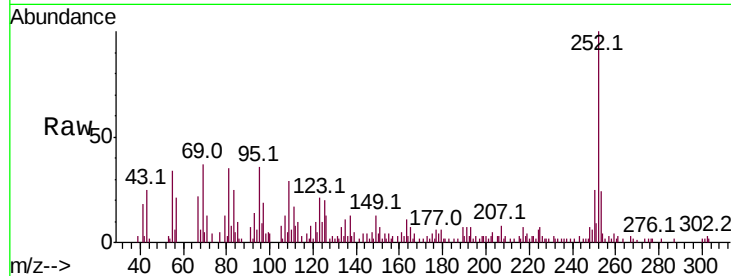
#88
Benzo(b)fluoranthene
Concen: 6.648 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPRES

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	19.7	8.6	12.8#

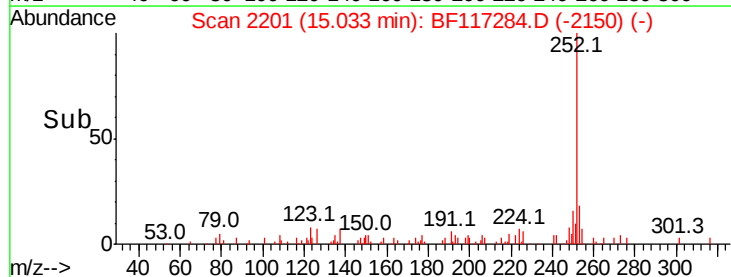
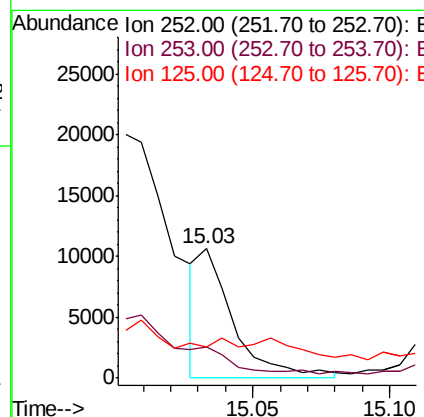
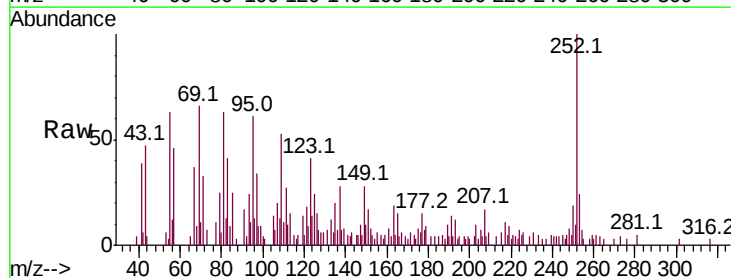
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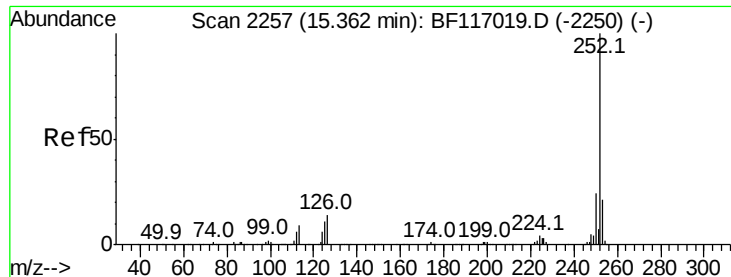
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#89
Benzo(k)fluoranthene
Concen: 2.144 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.2
125	24.4	8.8	13.2#





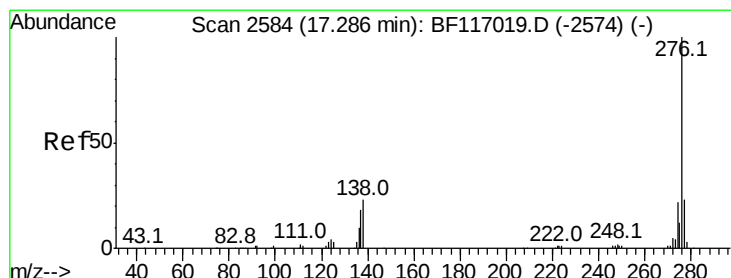
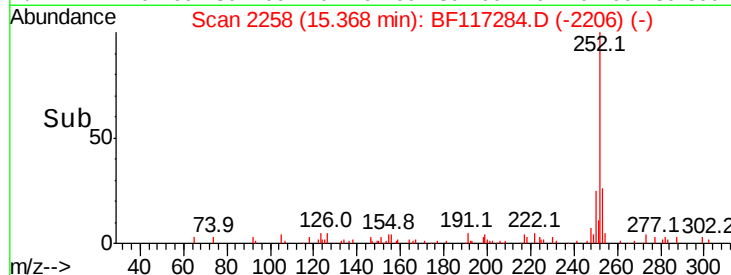
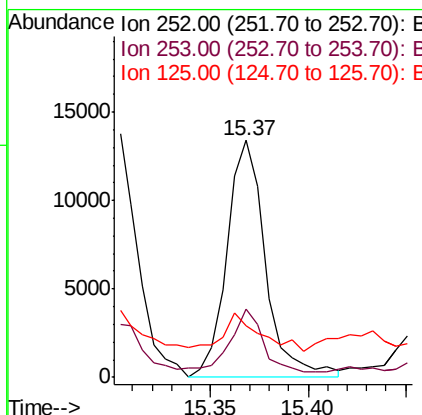
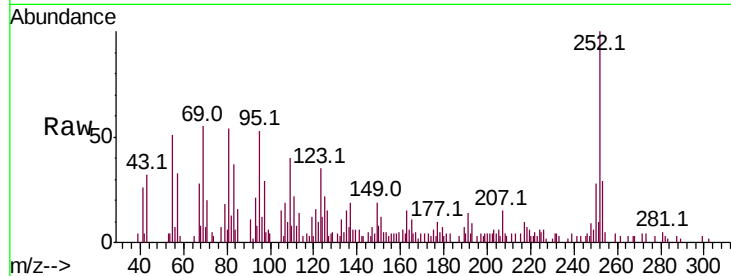
#90
Benzo(a)pyrene
Concen: 4.512 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPRES

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.8	16.6	25.0#
125	22.0	8.9	13.3#

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#92
Benzo(g,h,i)perylene
Concen: 5.308 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.03 min
Lab File: BF117284.D
Acq: 1 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	18.6	27.8
138	23.0	18.0	27.0

