

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
 Data File : BF117331.D
 Acq On : 3 Oct 2019 21:58
 Operator : JU
 Sample : K5144-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1RE

Manual Integrations
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 10/7/2019 8:26:07 AM

Quant Time: Oct 04 04:54:35 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	55618	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	218206	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	94707	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	117283	20.00	ng	0.00
76) Chrysene-d12	13.97	240	96272	20.00	ng	0.00
87) Perylene-d12	15.43	264	93472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	257576	72.30	ng	0.00
7) Phenol-d6	6.45	99	362126	78.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	228534	55.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	50570	63.89	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	378007	62.41	ng	-0.01
79) Terphenyl-d14	12.90	244	241499	46.89	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	47927	7.147	ng	99
71) Phenanthrene	11.35	178	58495	8.781	ng	97
72) Anthracene	11.40	178	17641m	2.594	ng	
75) Fluoranthene	12.54	202	107599	15.720	ng	98
78) Pyrene	12.77	202	97214	12.035	ng	96
81) Benzo(a)anthracene	13.96	228	53453	8.310	ng	97
83) Chrysene	13.99	228	49894	7.953	ng	97
86) Indeno(1,2,3-cd)pyrene	16.88	276	21573	4.714	ng	94
88) Benzo(b)fluoranthene	15.00	252	58624m	10.354	ng	
89) Benzo(k)fluoranthene	15.03	252	22800m	4.251	ng	
90) Benzo(a)pyrene	15.37	252	40014	8.054	ng	# 91
92) Benzo(a,h,i)perylene	17.32	276	19659	4.984	ng	99

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

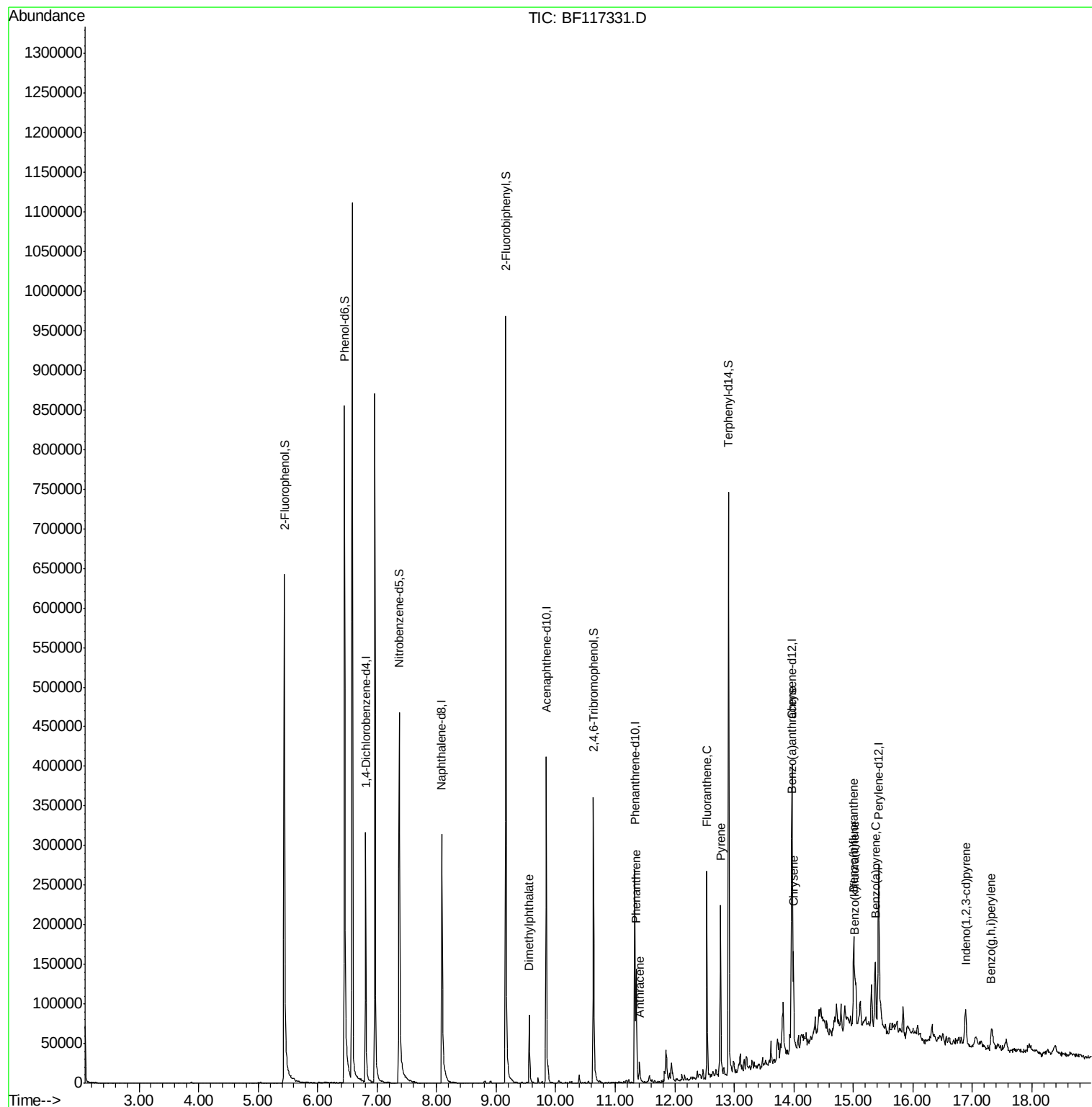
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117331.D
Acq On : 3 Oct 2019 21:58
Operator : JU
Sample : K5144-01RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

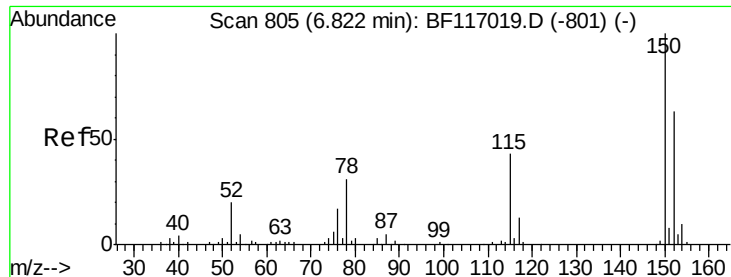
Instrument :
BNA_F
ClientSampleId :
COMP-1RE

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
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#1

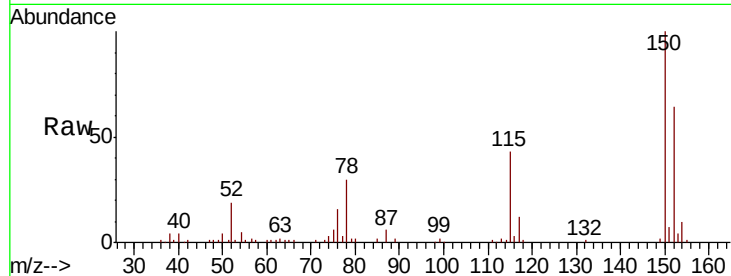
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Instrument :
BNA_F
ClientSampled :
COMP-1RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.5	191.3
115	67.1	55.0	82.4

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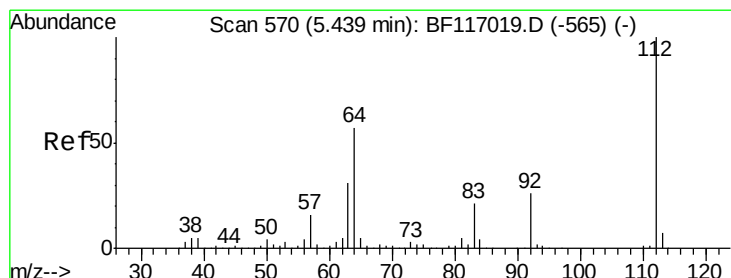
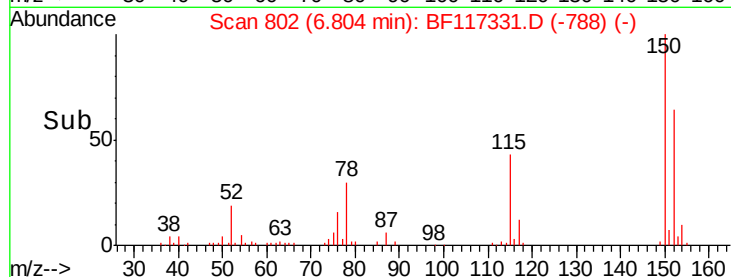
Abundance

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

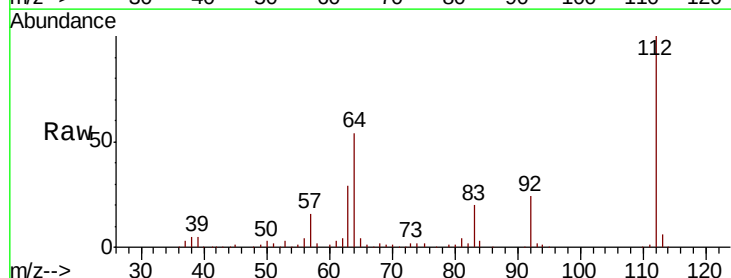
Time-->



#5

2-Fluorophenol
Concen: 72.304 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.7	68.5
63	28.9	24.9	37.3



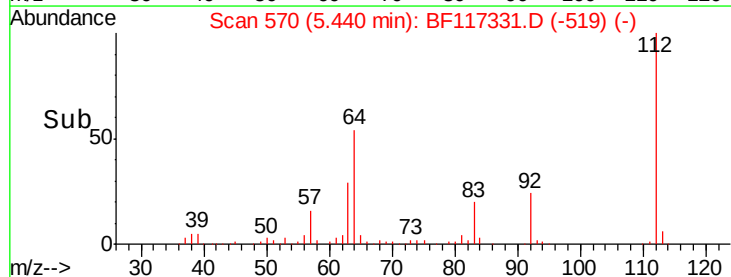
Abundance

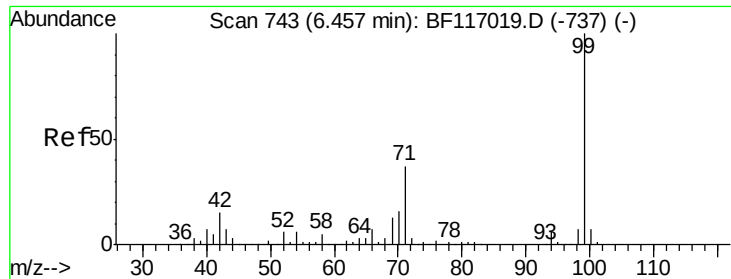
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 78.656 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117331.D

Acq: 3 Oct 2019 21:58

Instrument :

BNA_F

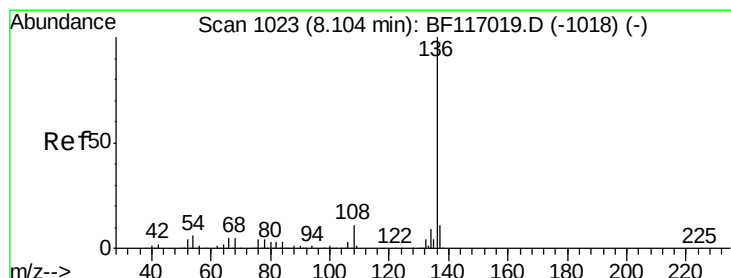
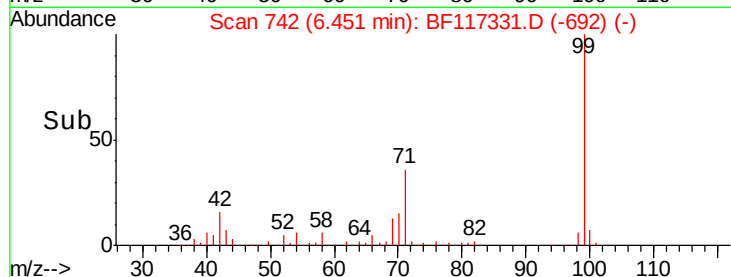
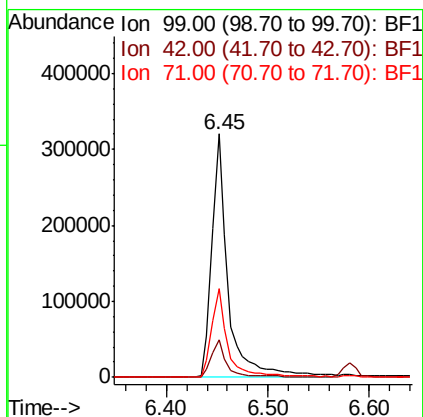
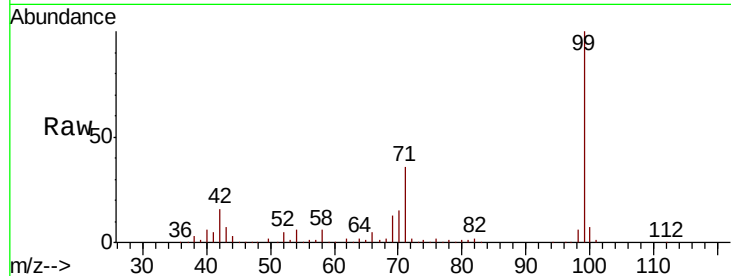
ClientSampleId :

COMP-IRE

Tot Ion:	99	Resp:	362126
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	36.5	29.8	44.8

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#21

Naphthalene-d8

Concen: 20.000 ng

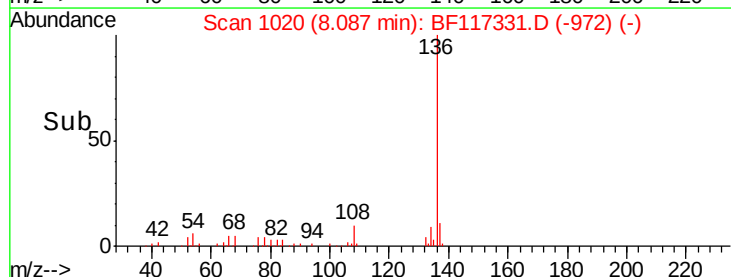
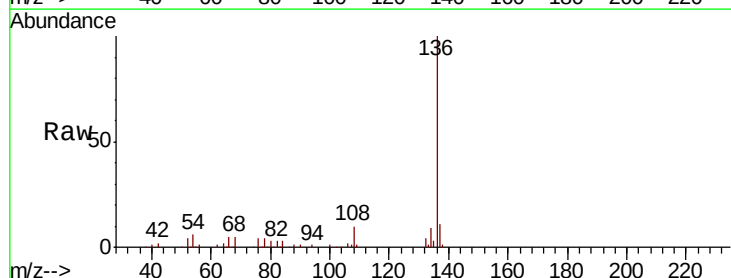
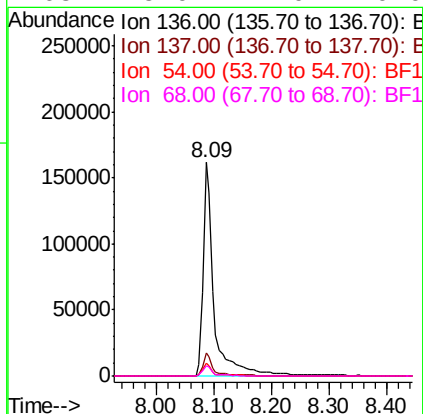
RT: 8.09 min Scan# 1020

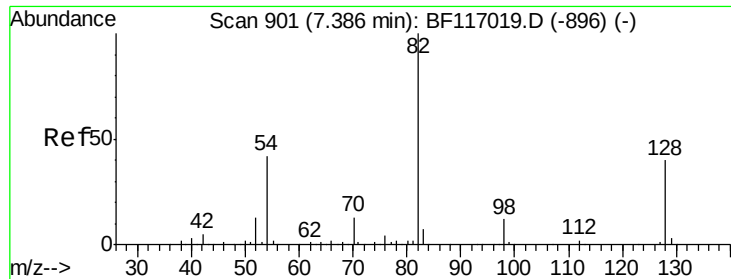
Delta R.T. -0.02 min

Lab File: BF117331.D

Acq: 3 Oct 2019 21:58

Tgt Ion:	136	Resp:	218206
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.9	4.5	6.7
68	5.0	4.0	6.0





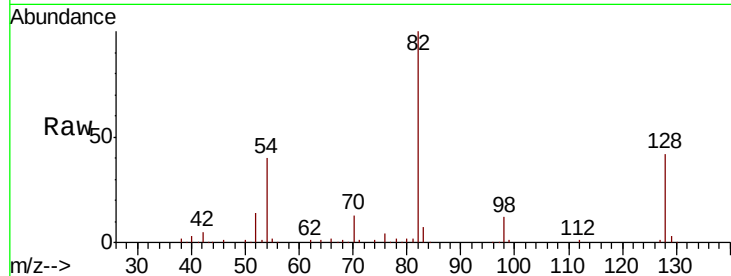
#23
Nitrobenzene-d5
Concen: 55.029 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Instrument :
BNA_F
ClientSampleId :
COMP-1RE

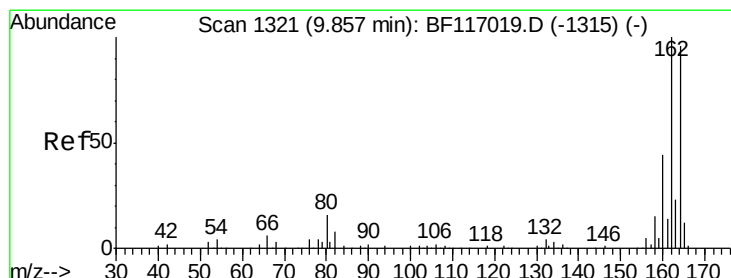
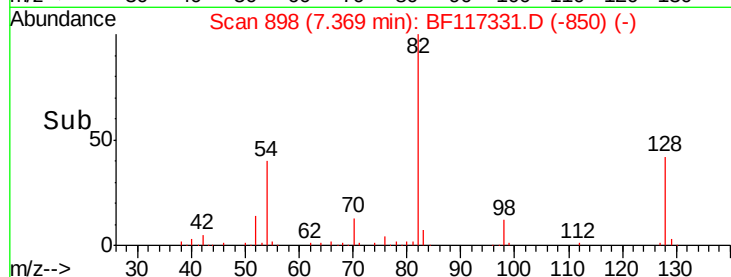
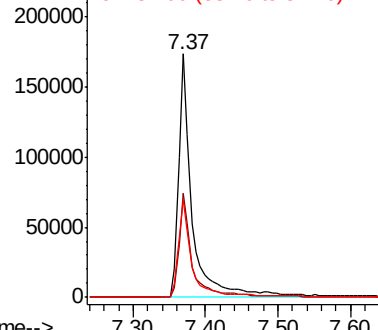
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.3	48.5
54	40.2	33.3	49.9

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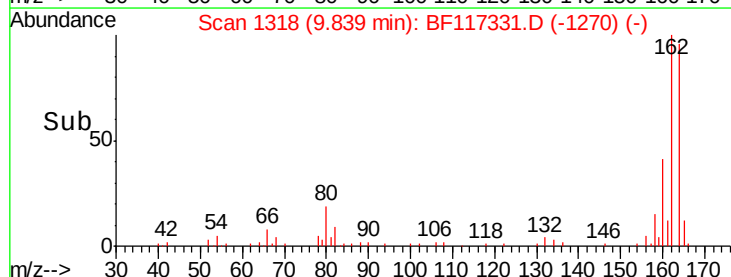
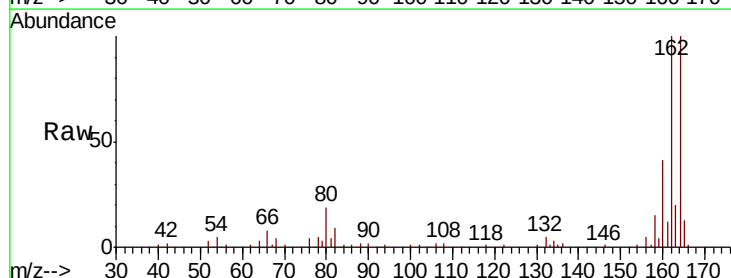
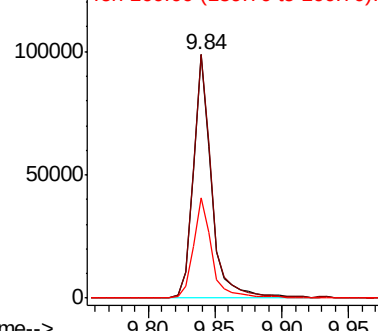
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

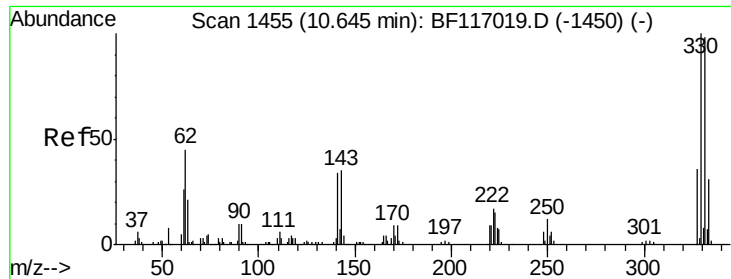


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.4	125.2
160	41.0	36.4	54.6

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





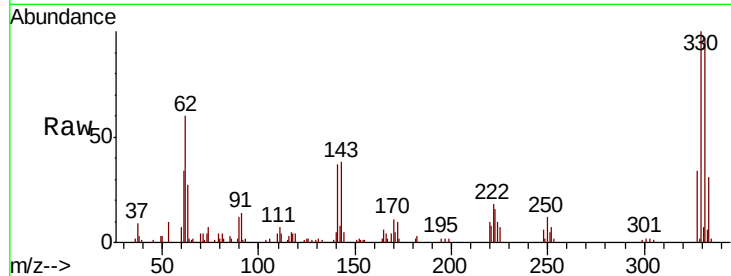
#42
 2,4,6-Tribromophenol
 Concen: 63.889 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF117331.D
 Acq: 3 Oct 2019 21:58

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	43.4	35.8	53.6

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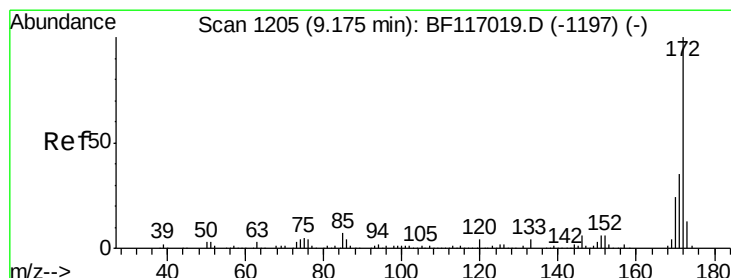
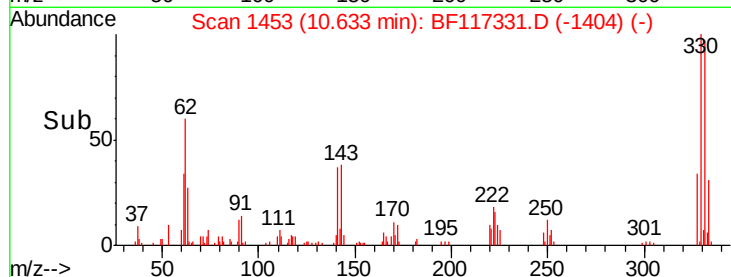
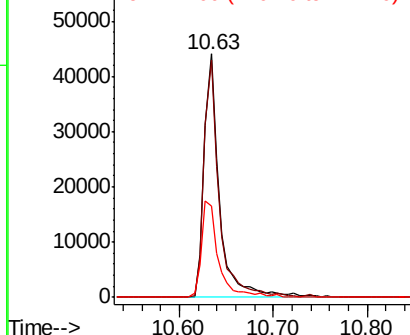


Abundance

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: 62.407 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117331.D
 Acq: 3 Oct 2019 21:58

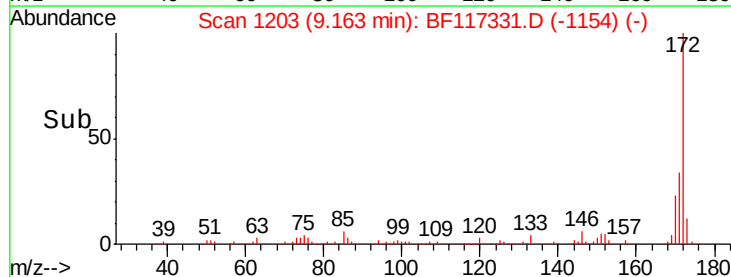
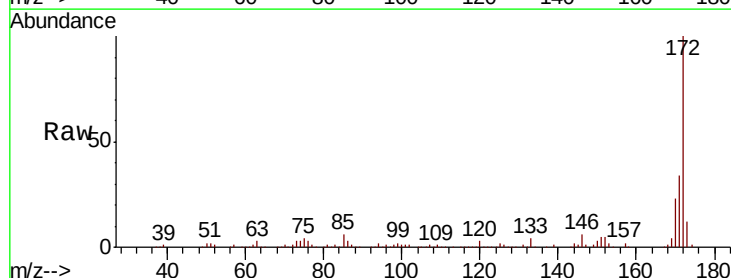
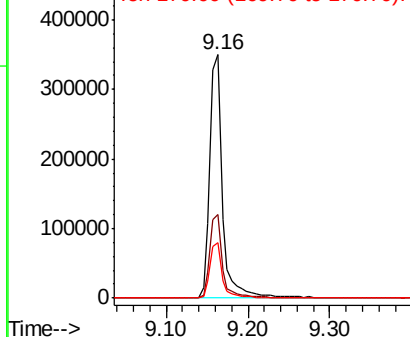
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.2	42.2
170	22.6	18.9	28.3

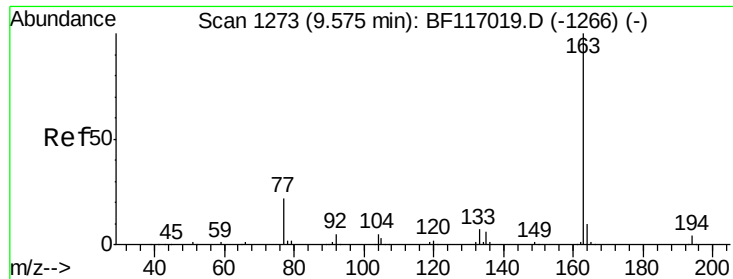
Abundance

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





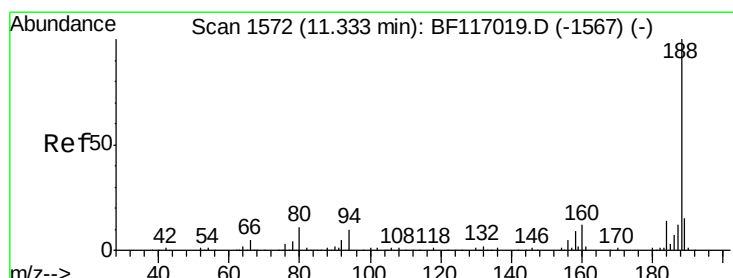
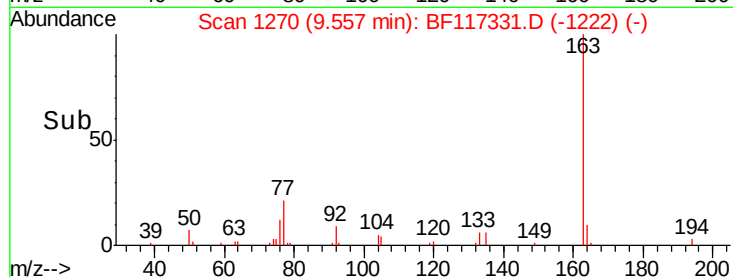
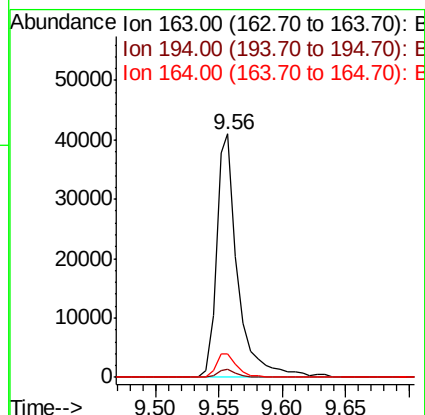
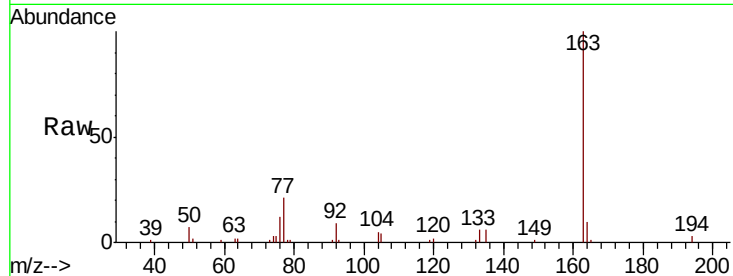
#50
Dimethylphthalate
Concen: 7.147 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Instrument :
BNA_F
ClientSampled :
COMP-IRE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.7	8.2	12.4

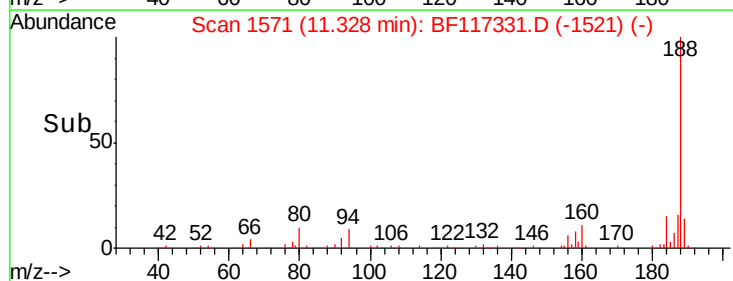
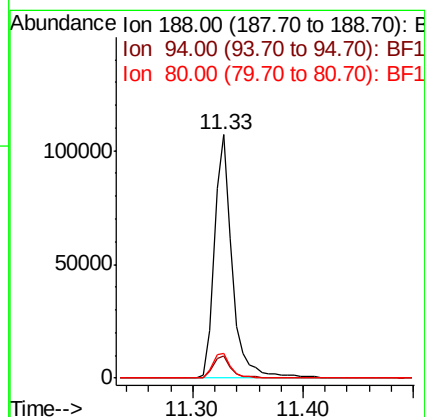
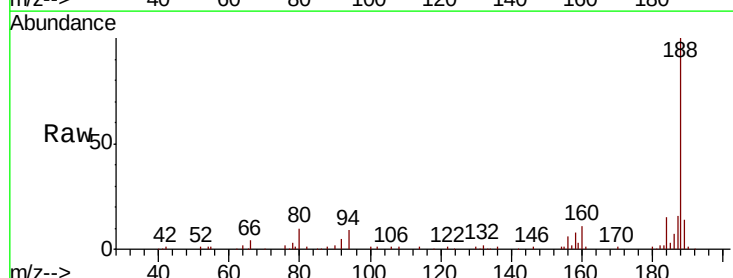
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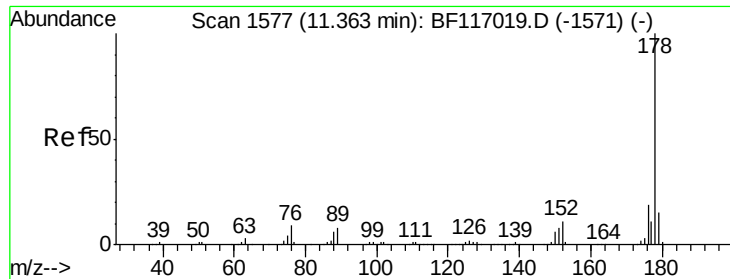
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	10.3	9.0	13.6





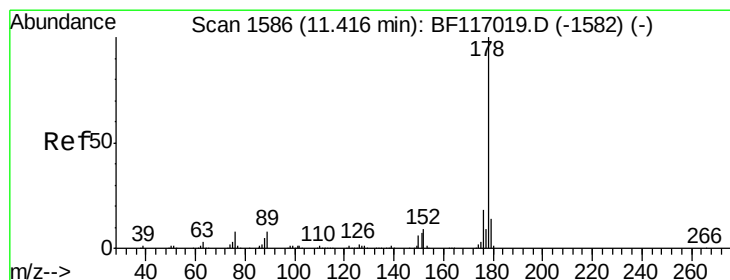
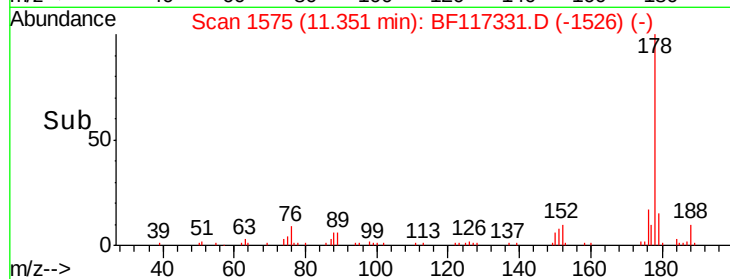
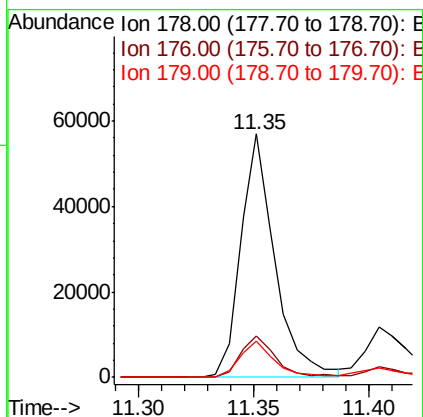
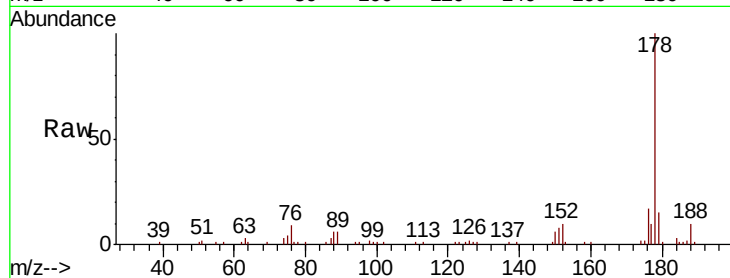
#71
Phenanthrene
Concen: 8.781 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Instrument :
BNA_F
ClientSampleId :
COMP-1RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.4	23.2
179	15.0	12.4	18.6

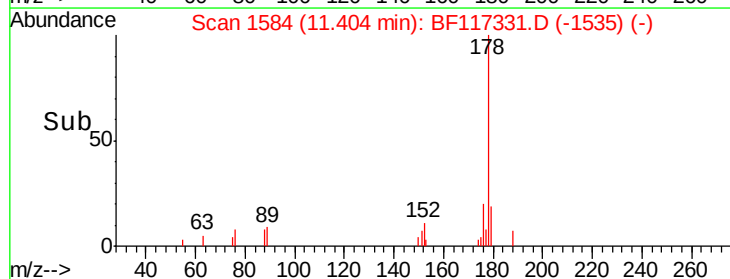
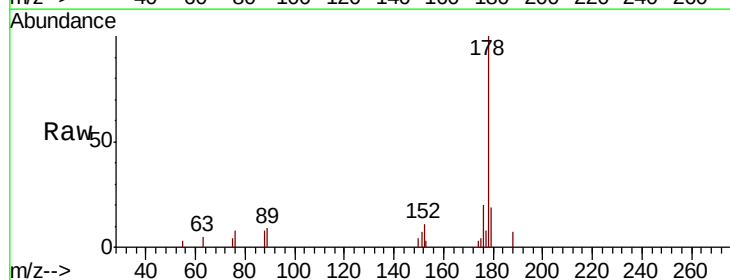
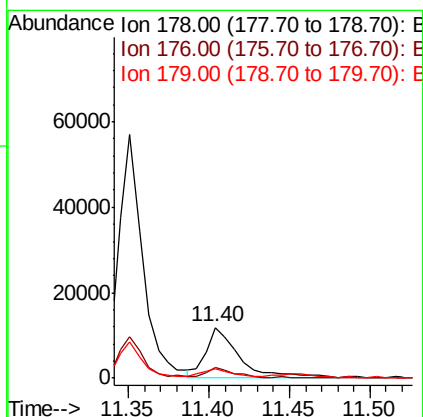
Manual Integrations
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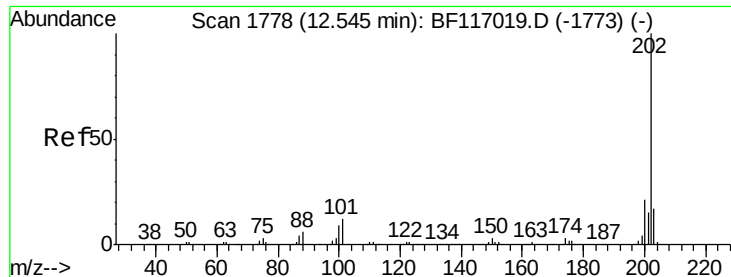
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#72
Anthracene
Concen: 2.594 ng m
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	21.8
179	18.6	11.6	17.4#





#75

Fluoranthene

Concen: 15.720 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF117331.D

Acq: 3 Oct 2019 21:58

Instrument :

BNA_F

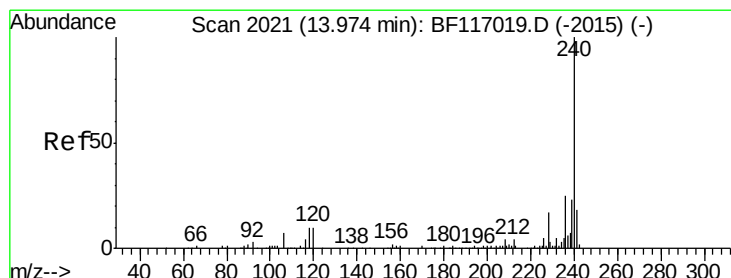
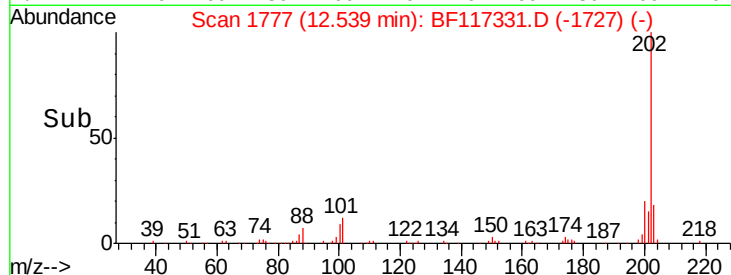
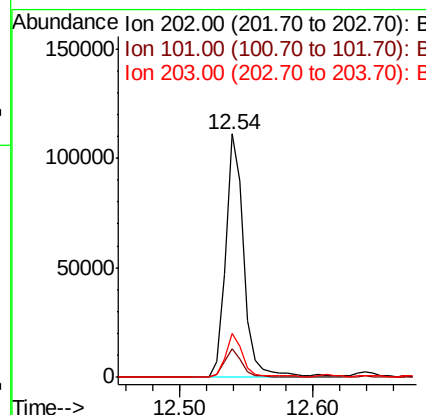
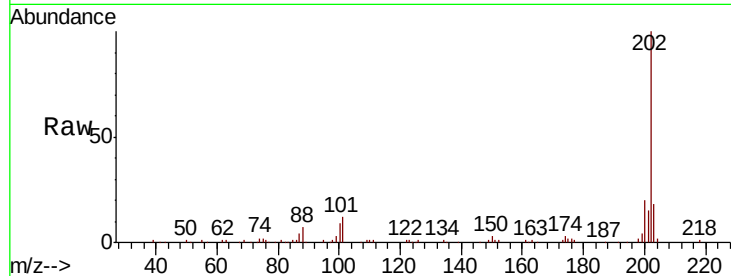
ClientSampled :

COMP-IRE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	32.3
203	18.1	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

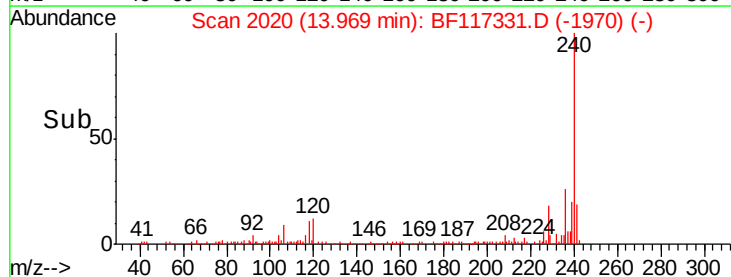
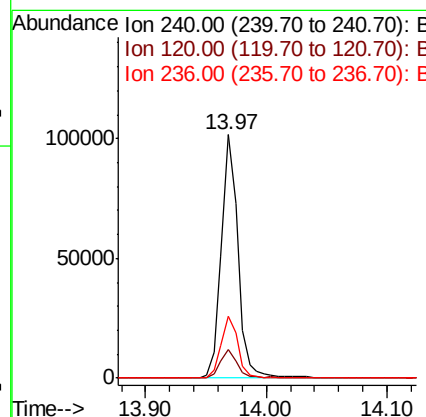
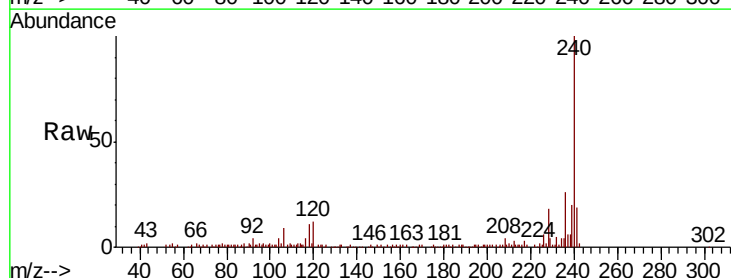
RT: 13.97 min Scan# 2020

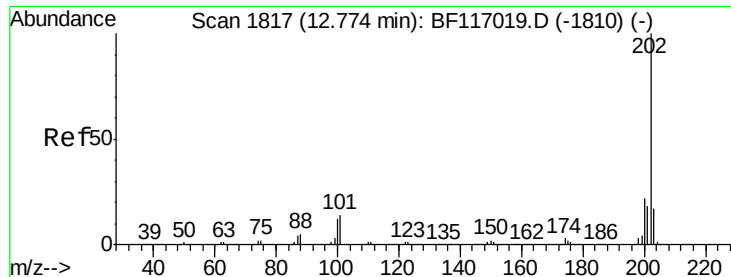
Delta R.T. -0.01 min

Lab File: BF117331.D

Acq: 3 Oct 2019 21:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.9	8.3	12.5
236	25.6	20.3	30.5





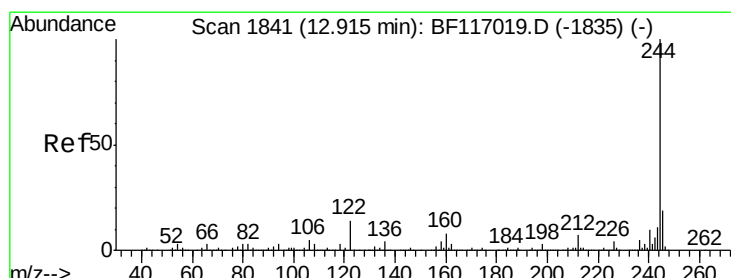
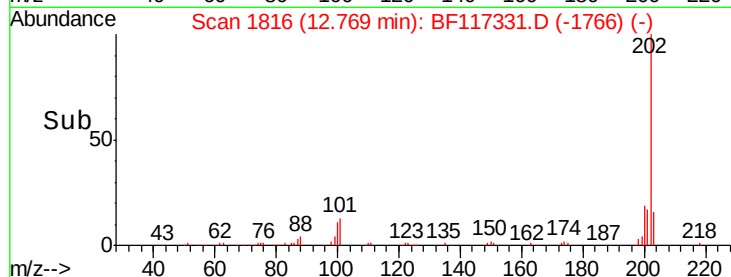
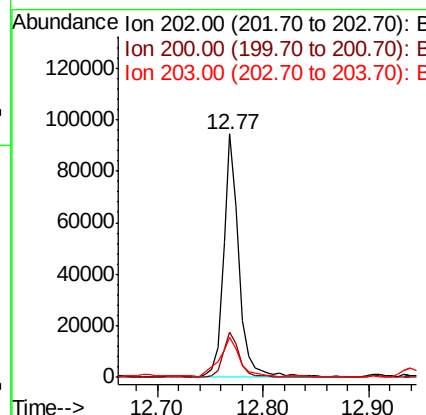
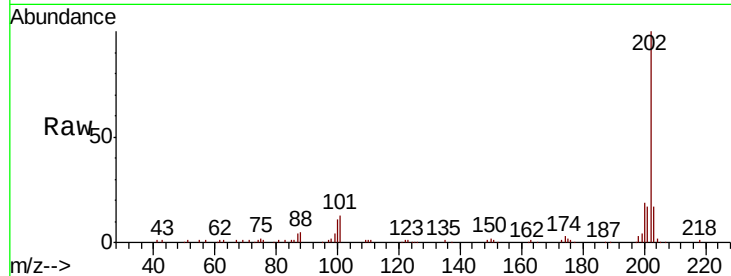
#78
Pvrene
Concen: 12.035 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Instrument :
BNA_F
ClientSampleId :
COMP-1RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	18.8	17.2	25.8
203	16.6	14.0	21.0

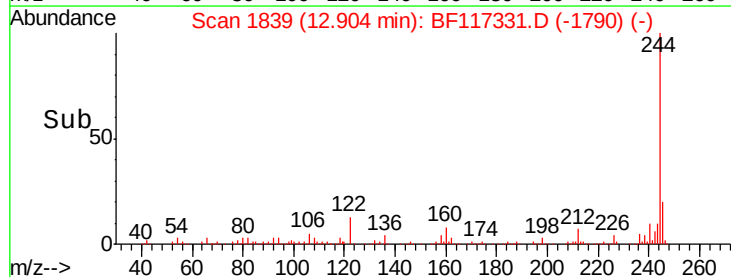
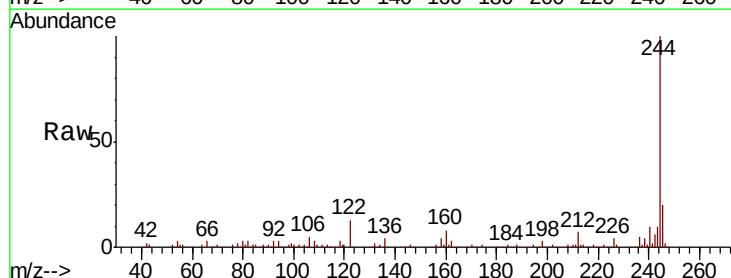
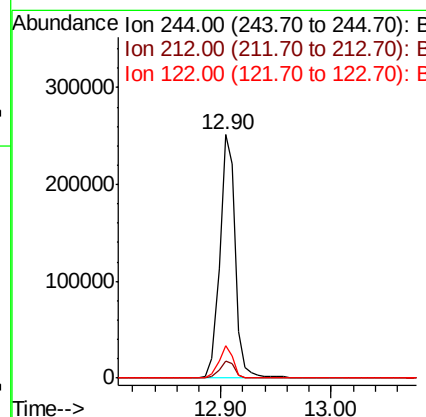
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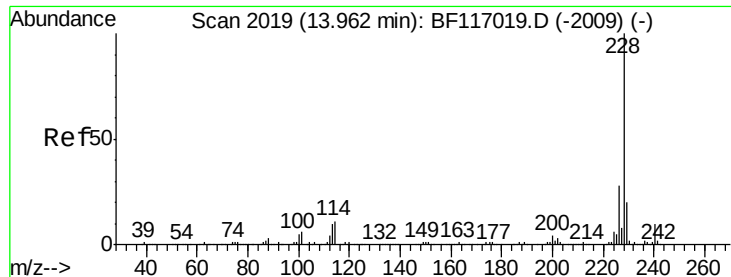
mohammad
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#79
Terphenyl-d14
Concen: 46.890 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.2	11.3	16.9





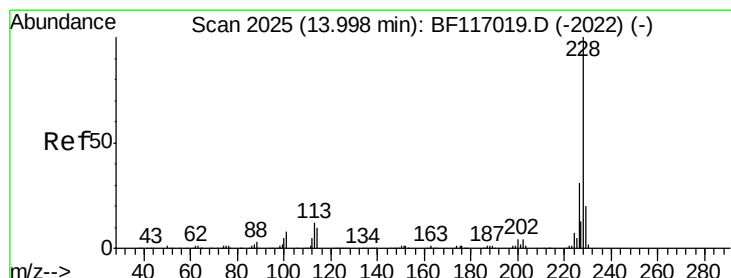
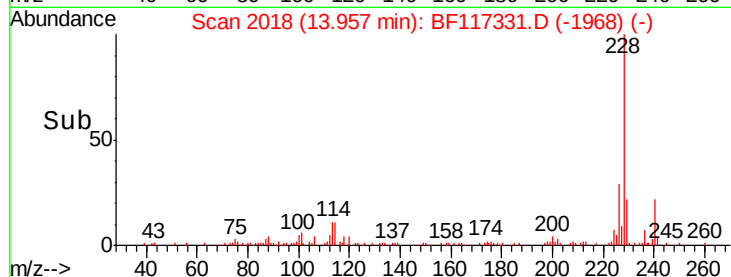
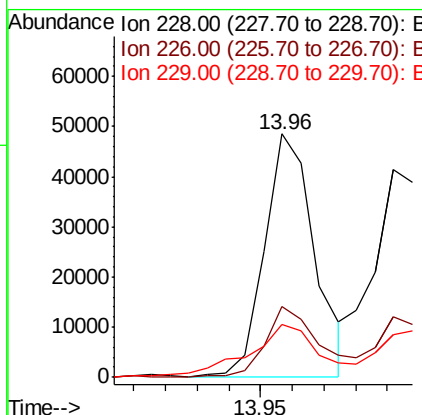
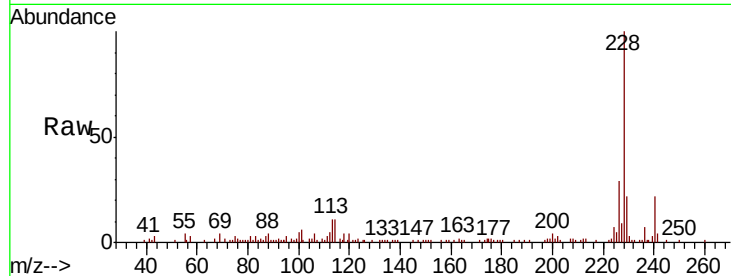
#81
Benzo(a)anthracene
Concen: 8.310 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Instrument :
BNA_F
ClientSampleId :
COMP-1RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	21.8	15.9	23.9

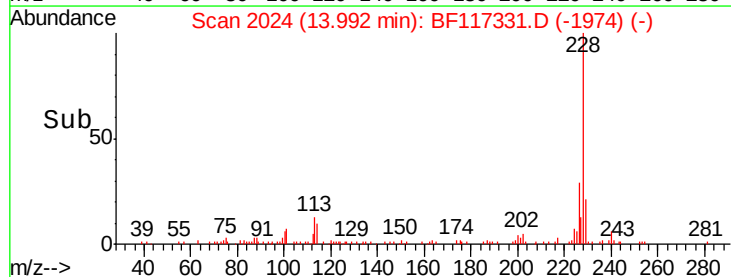
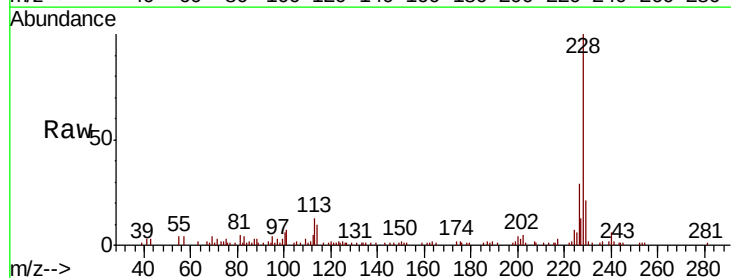
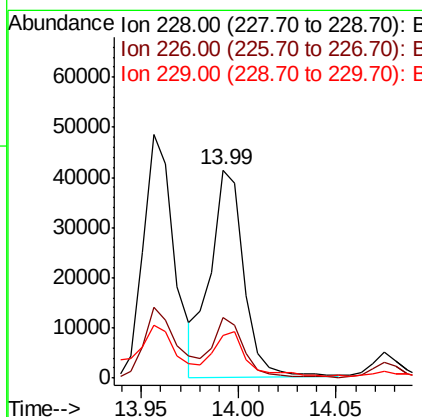
Manual Integrations
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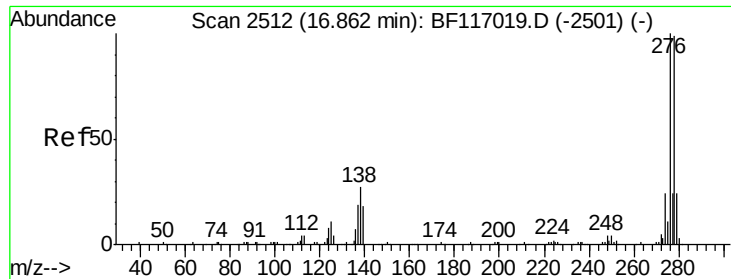
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#83
Chrysene
Concen: 7.953 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.8	37.2
229	20.6	15.8	23.8





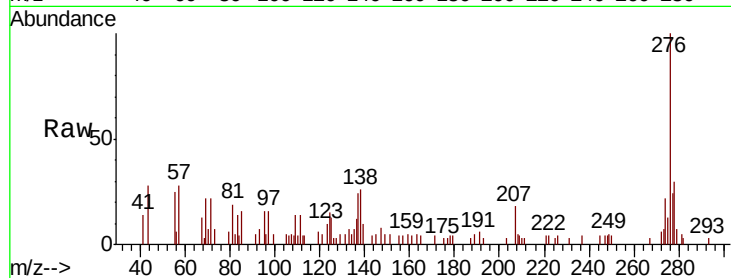
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.714 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Instrument :
BNA_F
ClientSampled :
COMP-IRE

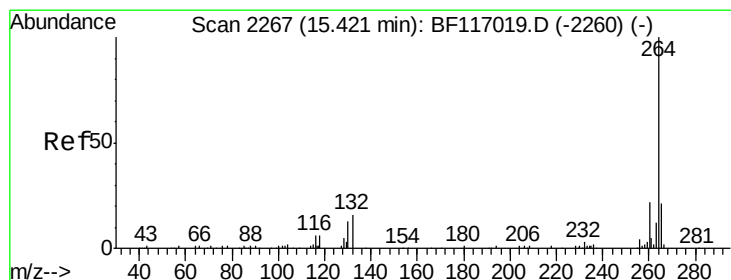
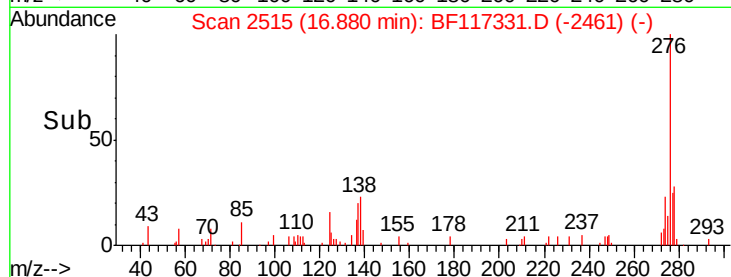
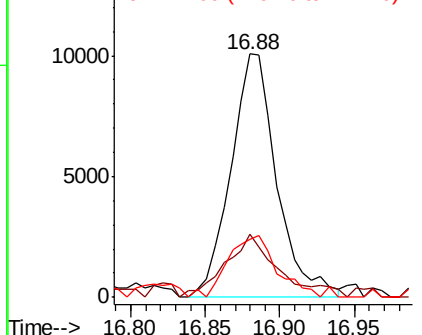
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	20.7	31.1
277	27.0	19.8	29.8

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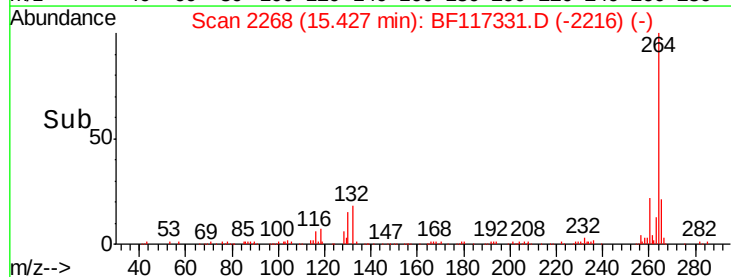
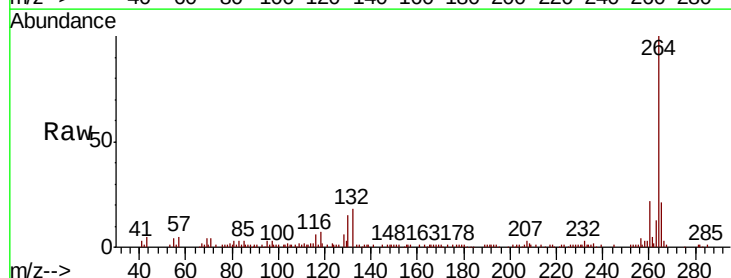
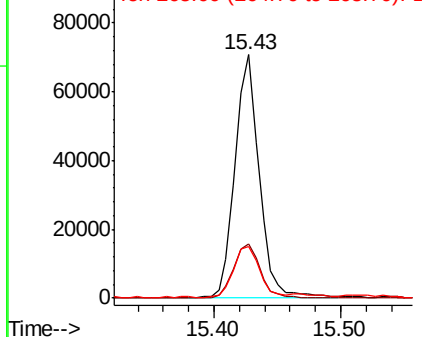
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

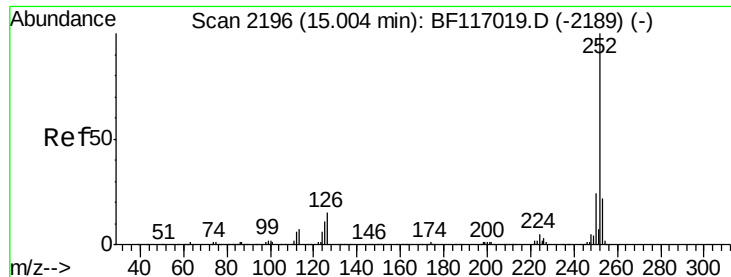


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.6	26.4
265	21.5	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





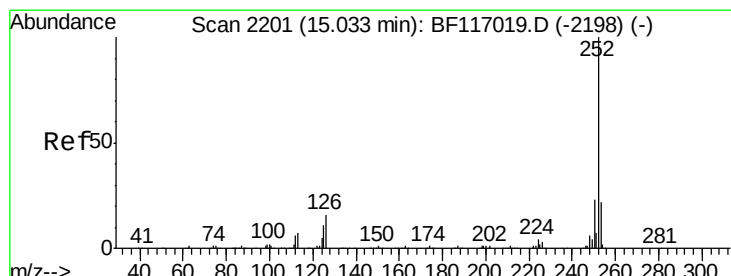
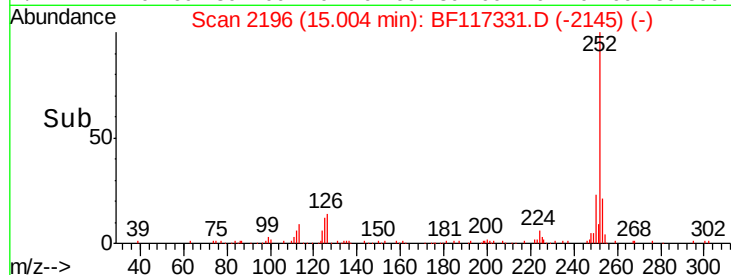
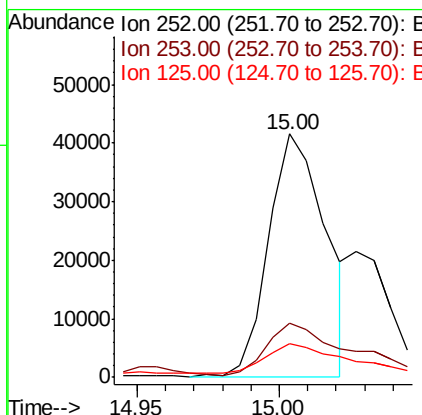
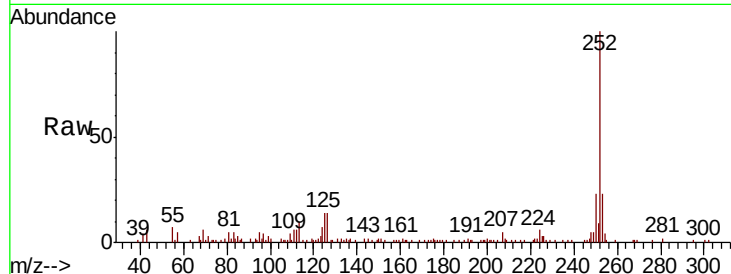
#88
Benzo(b)fluoranthene
Concen: 10.354 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Instrument :
BNA_F
ClientSampleId :
COMP-1RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	13.9	8.6	12.8

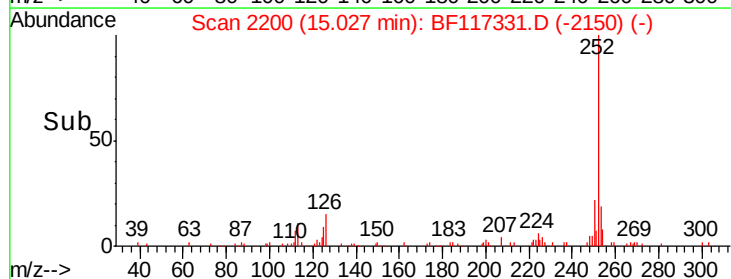
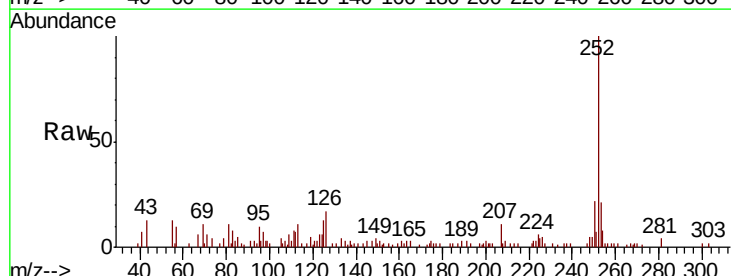
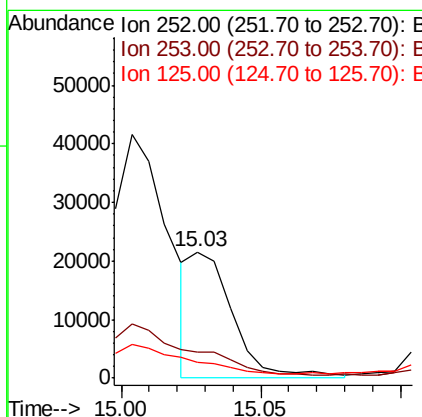
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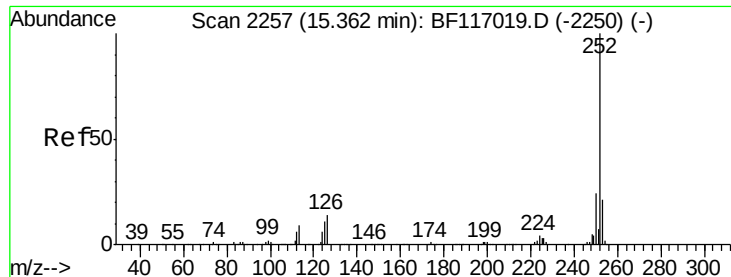
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#89
Benzo(k)fluoranthene
Concen: 4.251 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.2
125	12.5	8.8	13.2





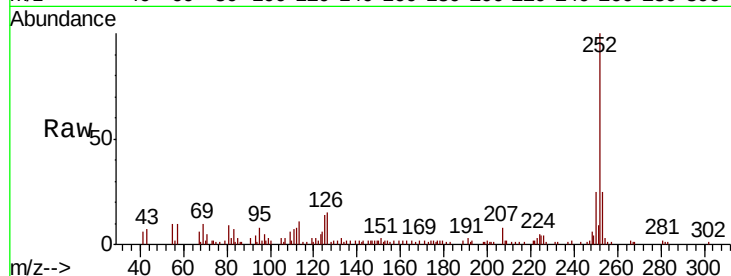
#90
Benzo(a)pyrene
Concen: 8.054 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Instrument :
BNA_F
ClientSampleId :
COMP-IRE

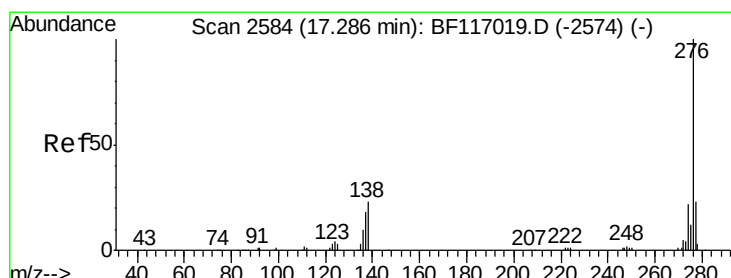
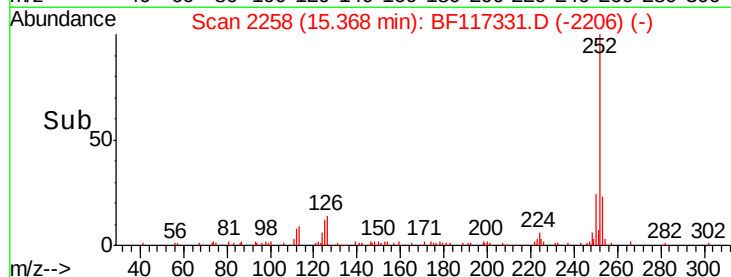
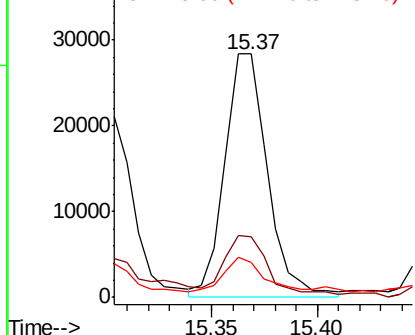
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	16.6	25.0
125	14.4	8.9	13.3

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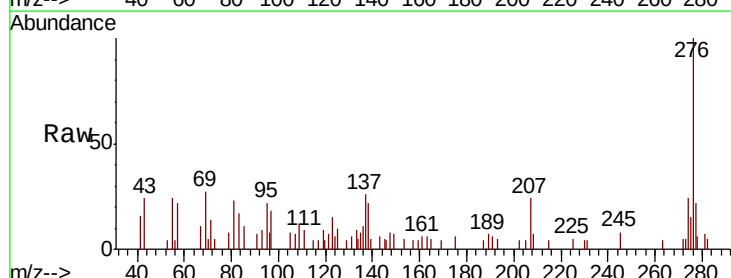


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.984 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117331.D
Acq: 3 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	27.8
138	22.4	18.0	27.0



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

