

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117506.D
 Acq On : 24 Oct 2019 1:37
 Operator : JU
 Sample : K5152-10 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-102219

Manual Integrations
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mohammad
 10/24/2019 2:11:14 PM

Quant Time: Oct 24 09:20:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	40658	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	172510	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	89537	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	130445	20.00	ng	0.00
76) Chrysene-d12	13.89	240	91171	20.00	ng	0.00
87) Perylene-d12	15.33	264	83920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	119495	43.72	ng	0.00
7) Phenol-d6	6.37	99	163018	44.41	ng	0.00
23) Nitrobenzene-d5	7.29	82	99067	28.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	29839	38.52	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	176072	27.71	ng	0.00
79) Terphenyl-d14	12.83	244	133887	23.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	21513	3.370	ng	99
71) Phenanthrene	11.27	178	116214	15.343	ng	99
72) Anthracene	11.33	178	24348	3.133	ng	97
75) Fluoranthene	12.46	202	125095	16.498	ng	99
78) Pyrene	12.69	202	168721	21.545	ng	99
81) Benzo(a)anthracene	13.88	228	66311	10.783	ng	99
83) Chrysene	13.92	228	63162	10.479	ng	95
86) Indeno(1,2,3-cd)pyrene	16.74	276	16210	3.602	ng	# 91
88) Benzo(b)fluoranthene	14.92	252	54357m	10.969	ng	
89) Benzo(k)fluoranthene	14.94	252	11003m	2.166	ng	
90) Benzo(a)pyrene	15.27	252	36517	8.105	ng	# 88
92) Benzo(a,h,i)perylene	17.17	276	16030	4.349	ng	# 87

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

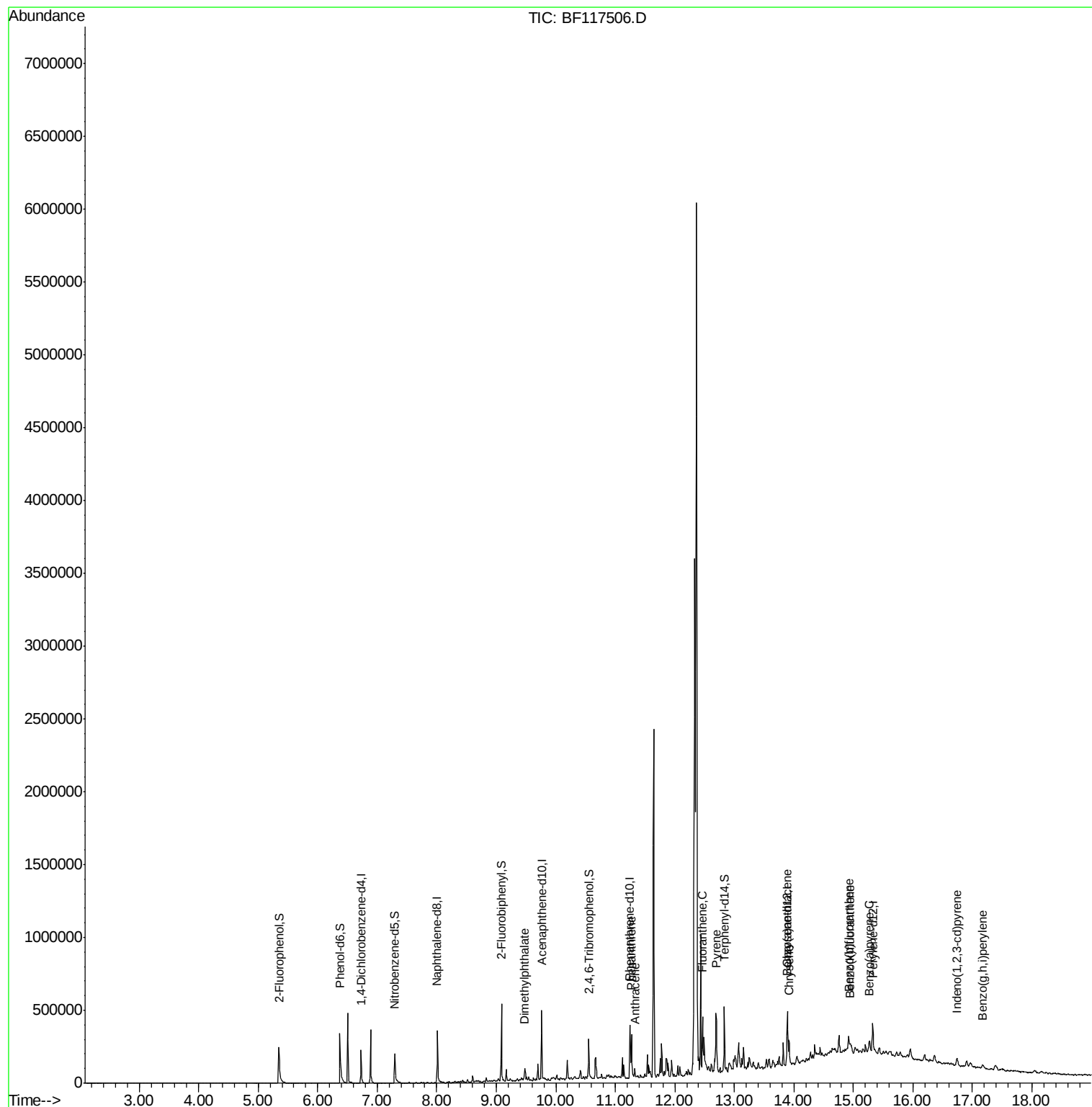
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-102219

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration





#1

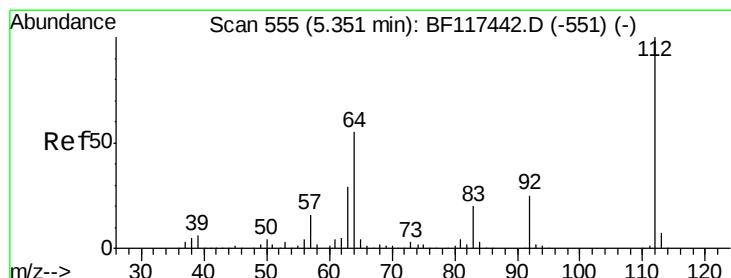
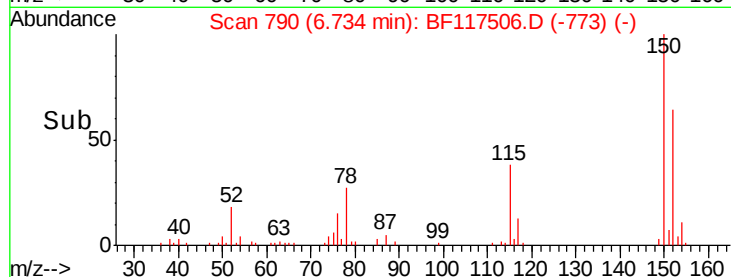
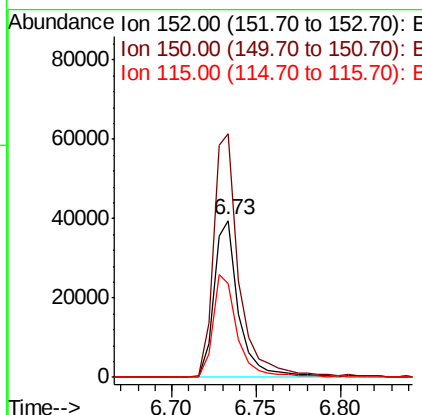
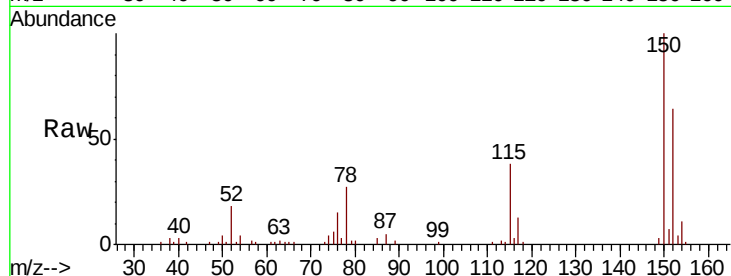
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Instrument :
BNA_F
ClientSampleId :
SU-03-102219

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.8	190.2
115	59.6	51.6	77.4

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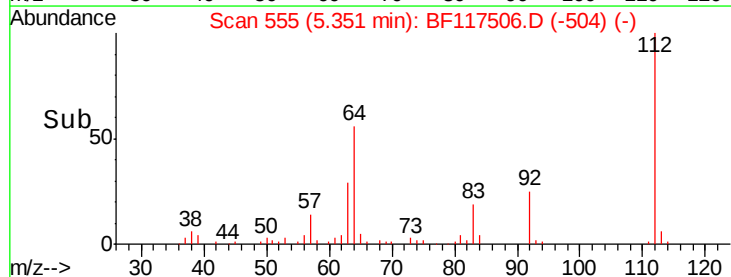
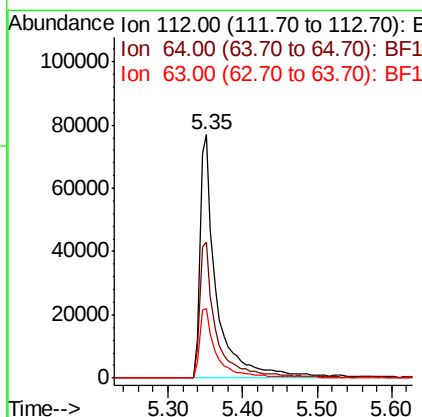
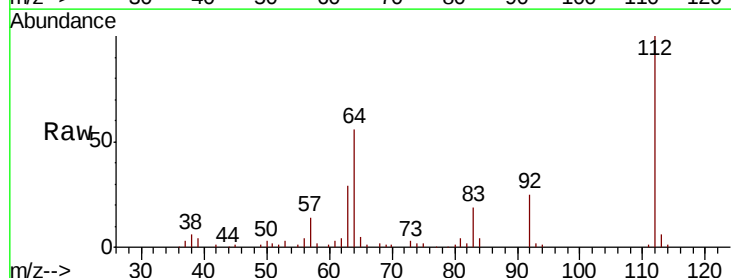
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#5

2-Fluorophenol
Concen: 43.724 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.1	66.1
63	28.6	23.4	35.2





#7

Phenol-d6

Concen: 44.411 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF117506.D

Acq: 24 Oct 2019 1:37

Instrument :

BNA_F

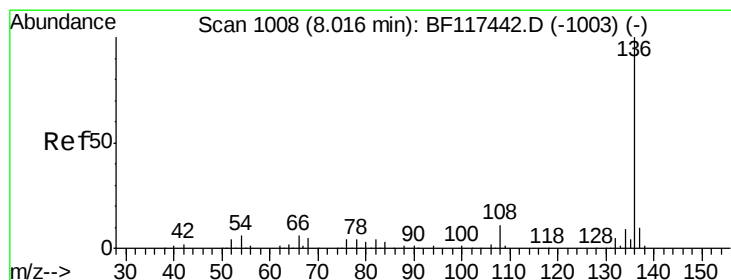
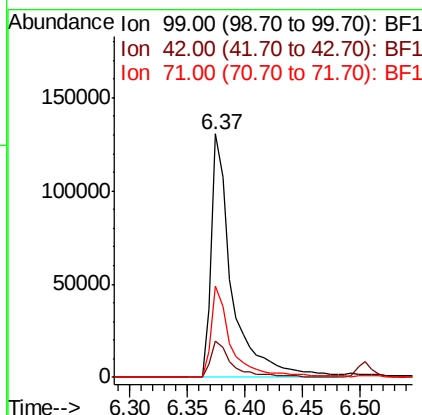
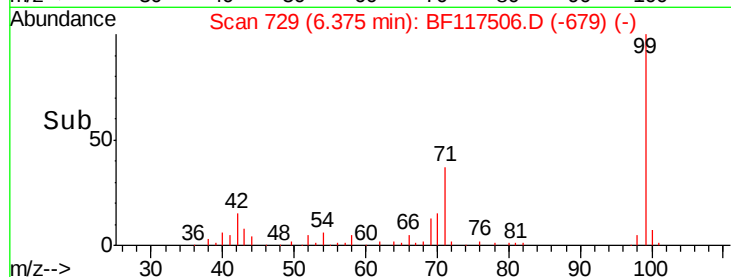
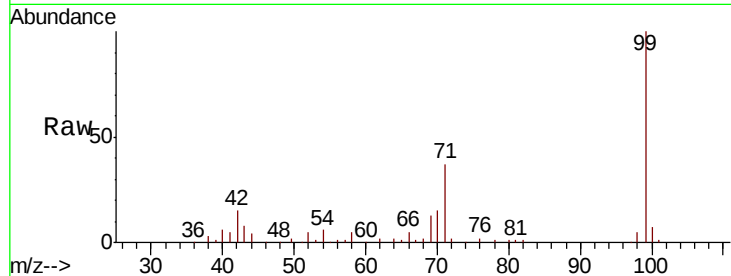
ClientSampleId :

SU-03-102219

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		163018		
42	15.1	12.8	19.2		
71	37.3	28.6	43.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

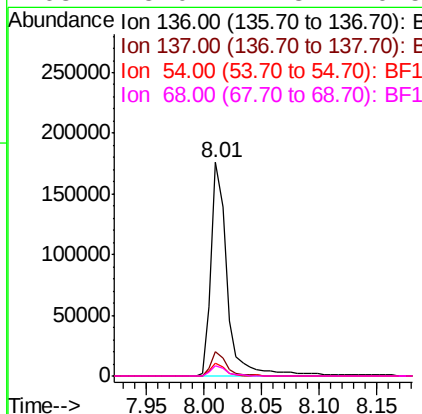
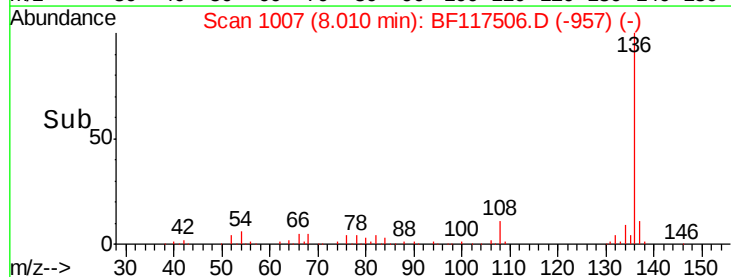
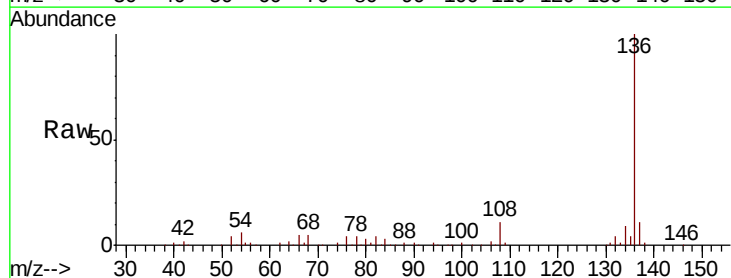
RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117506.D

Acq: 24 Oct 2019 1:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		172510		
137	11.2	8.2	12.4		
54	6.3	4.5	6.7		
68	5.0	4.3	6.5		





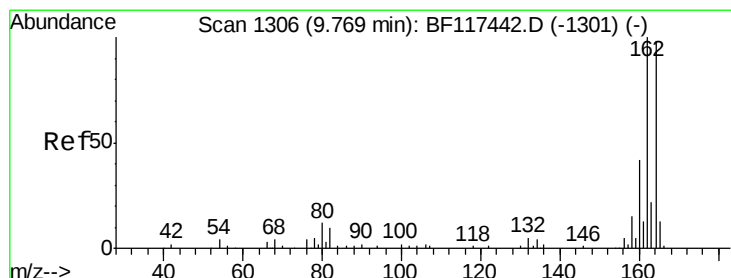
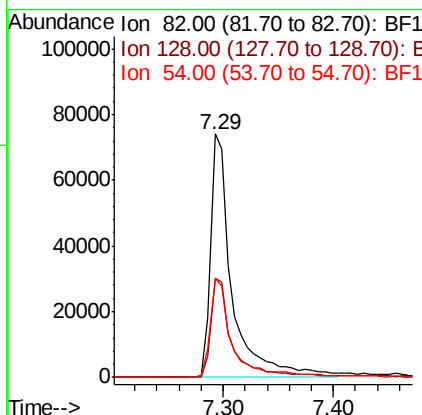
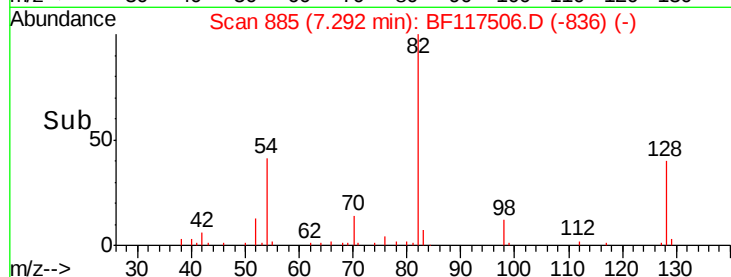
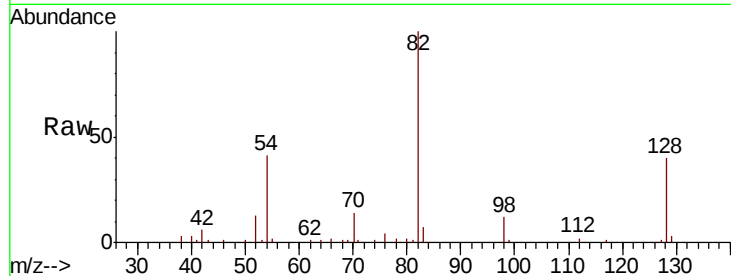
#23
 Nitrobenzene-d5
 Concen: 28.350 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117506.D
 Acq: 24 Oct 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-102219

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.2	48.2
54	40.7	34.2	51.2

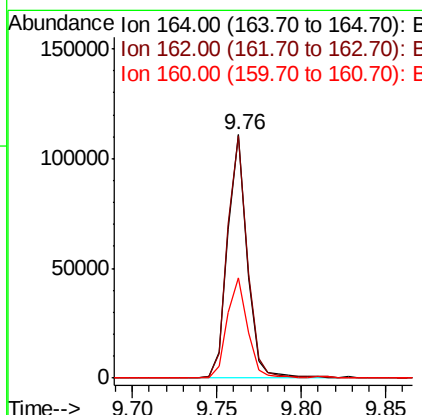
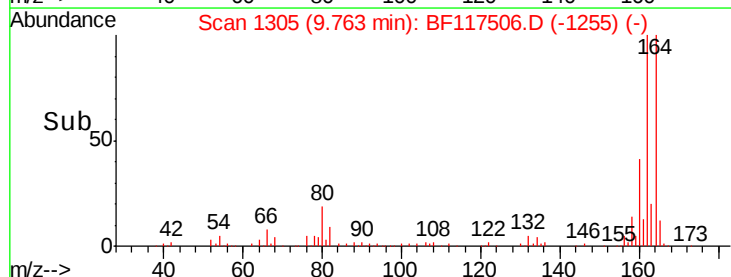
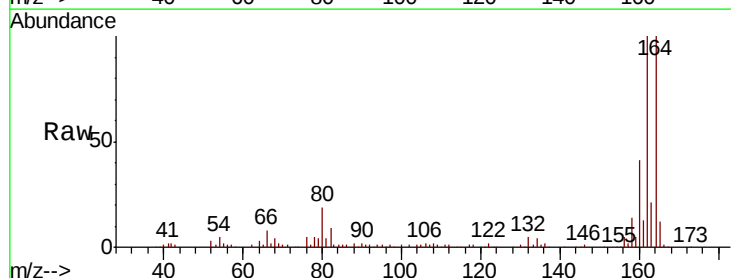
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117506.D
 Acq: 24 Oct 2019 1:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.8	122.6
160	41.3	34.4	51.6





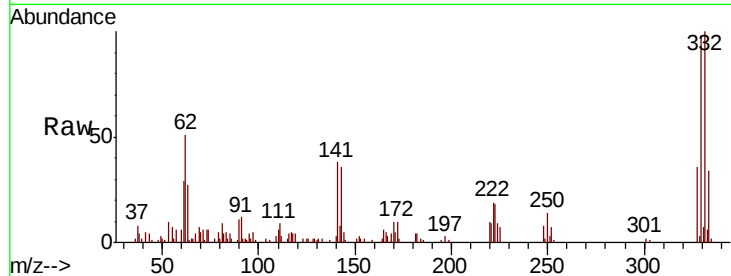
#42
 2,4,6-Tribromophenol
 Concen: 38.516 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117506.D
 Acq: 24 Oct 2019 1:37

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-102219

Tot Ion	Ratio	Resp	Lower	Upper
330	100	29839		
332	98.5	78.5	117.7	
141	50.6	37.0	55.6	

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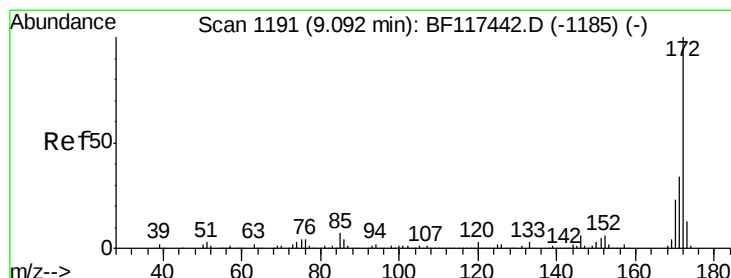
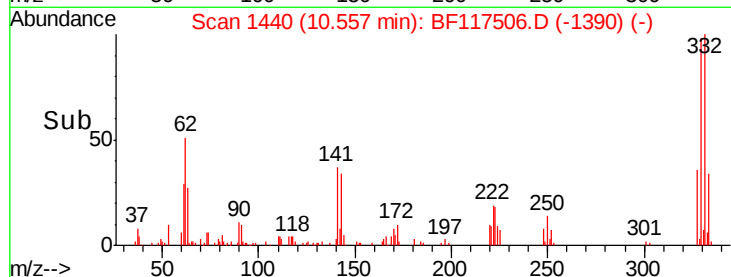
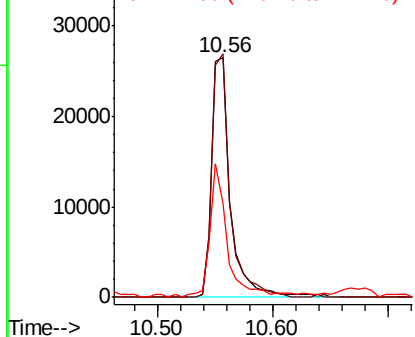


Abundance

Ion 329.80 (329.50 to 330.50): E

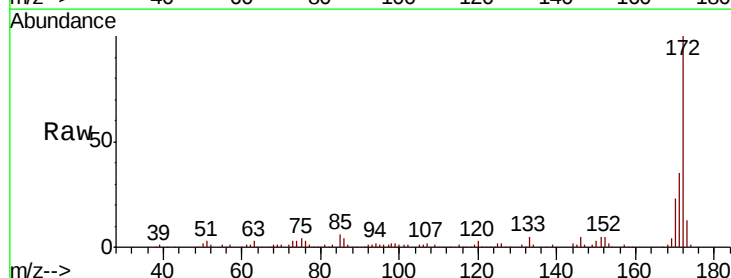
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 27.707 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117506.D
 Acq: 24 Oct 2019 1:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	176072		
171	34.8	27.5	41.3	
170	22.9	18.6	27.8	

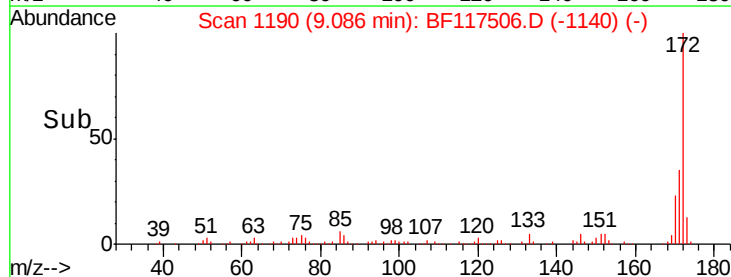
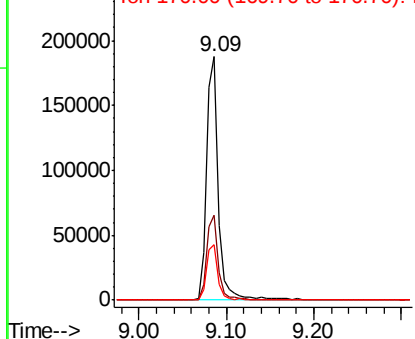


Abundance

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





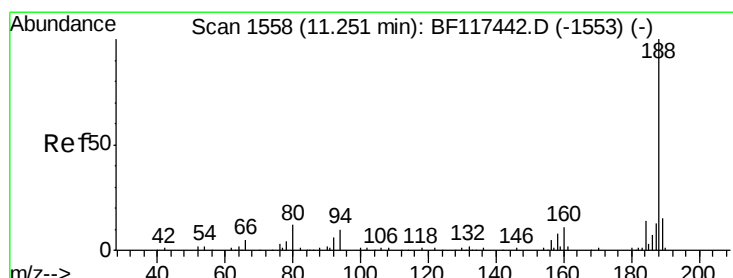
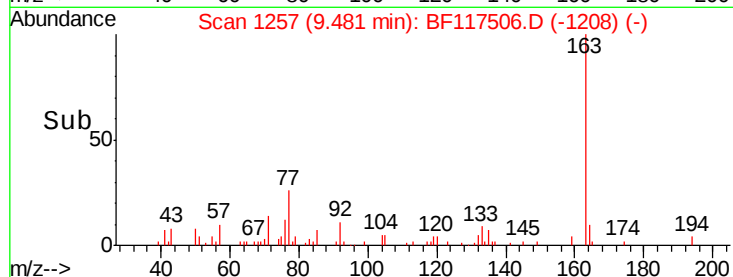
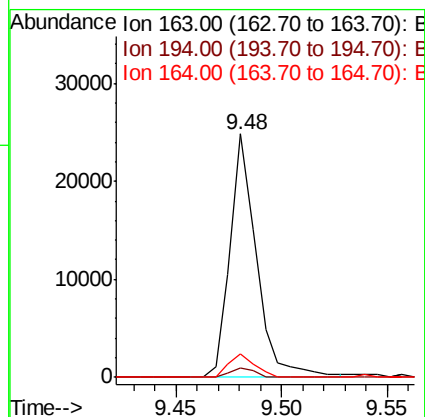
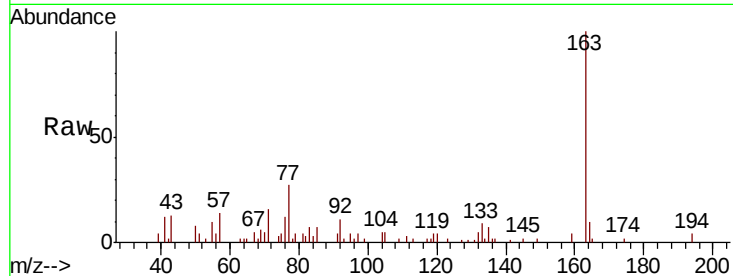
#50
Dimethylphthalate
Concen: 3.370 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Instrument :
BNA_F
ClientSampleId :
SU-03-102219

Tot Ion:	163	Resp:	21513
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	9.5	8.2	12.2

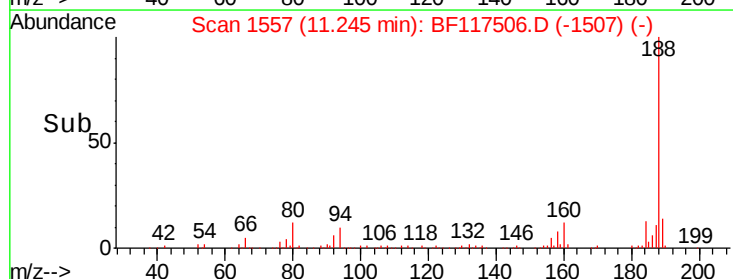
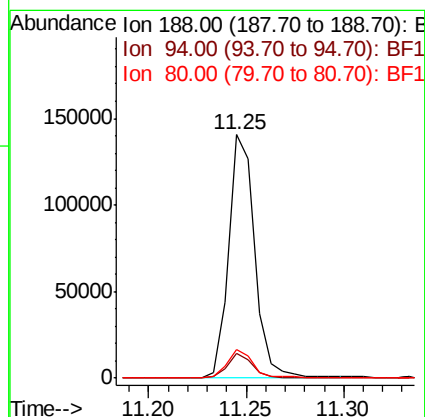
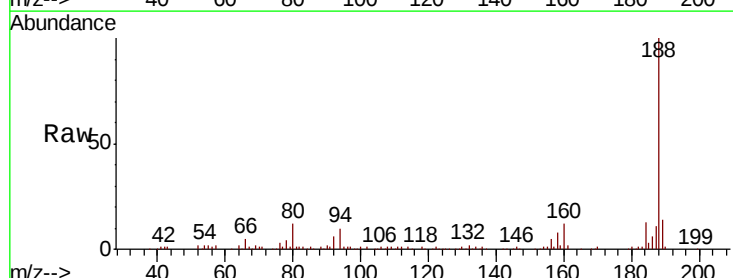
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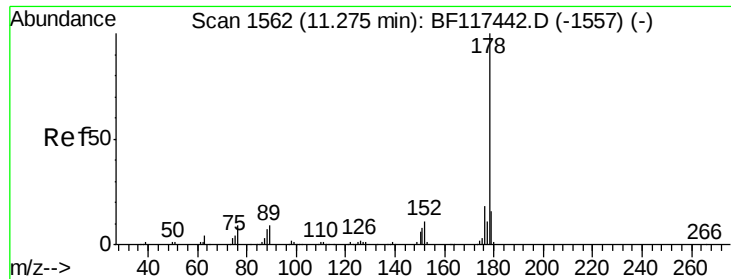
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Tgt Ion:	188	Resp:	130445
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.0	12.0
80	11.6	9.5	14.3





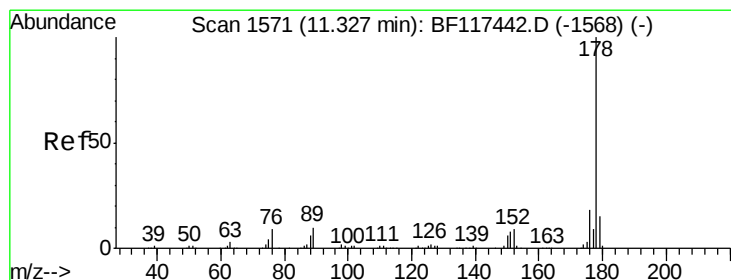
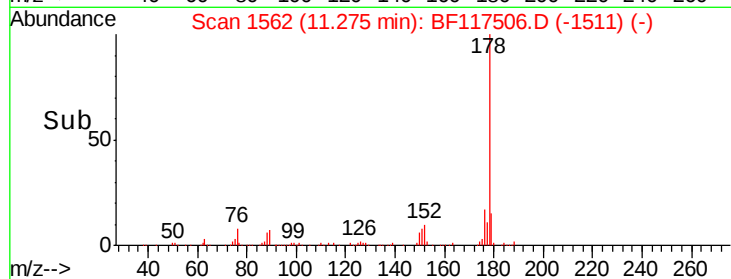
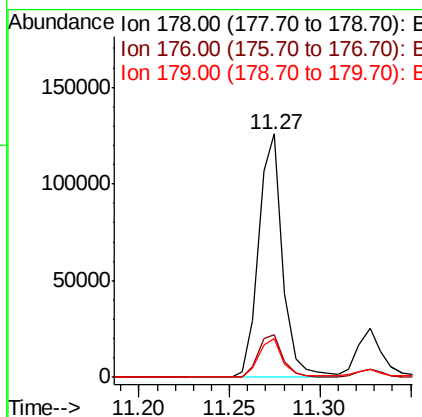
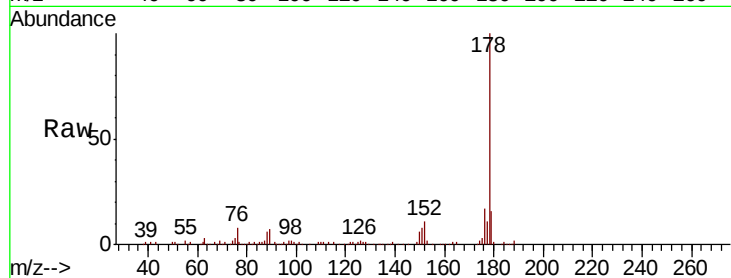
#71
Phenanthrene
Concen: 15.343 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Instrument :
BNA_F
ClientSampleId :
SU-03-102219

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	22.0
179	15.9	12.6	19.0

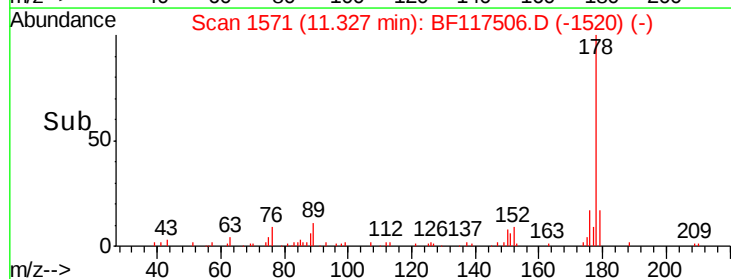
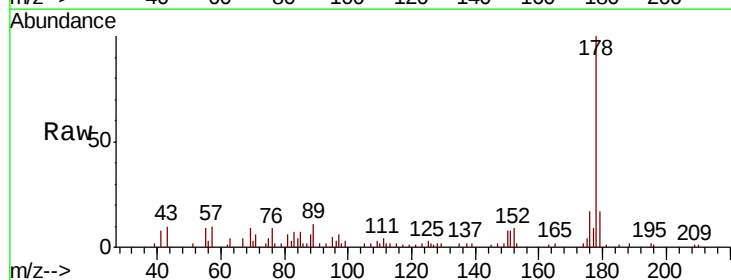
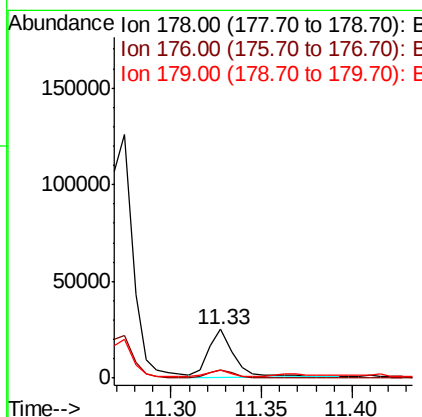
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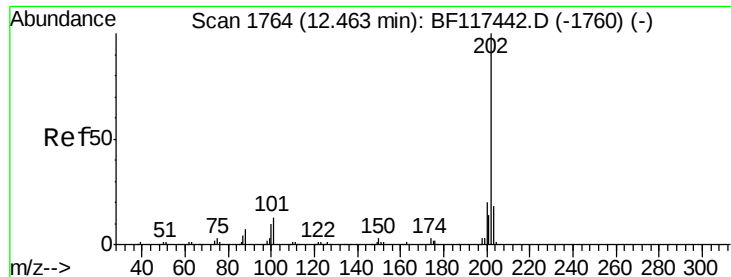
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#72
Anthracene
Concen: 3.133 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.7	22.1
179	17.1	12.2	18.2





#75

Fluoranthene

Concen: 16.498 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF117506.D

Acq: 24 Oct 2019 1:37

Instrument :

BNA_F

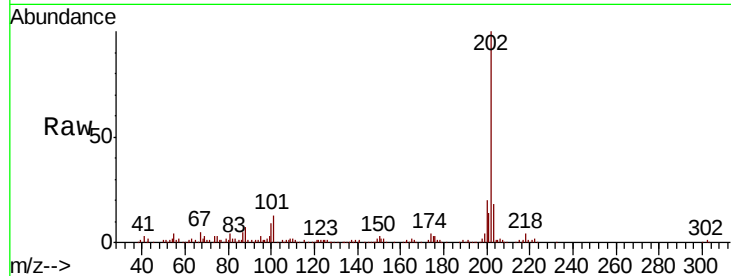
ClientSampleId :

SU-03-102219

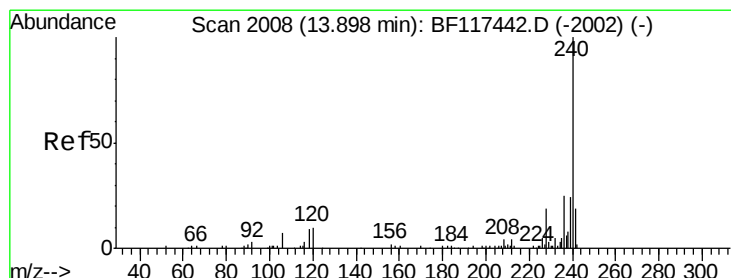
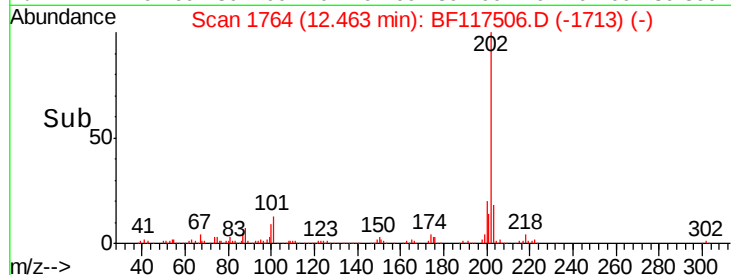
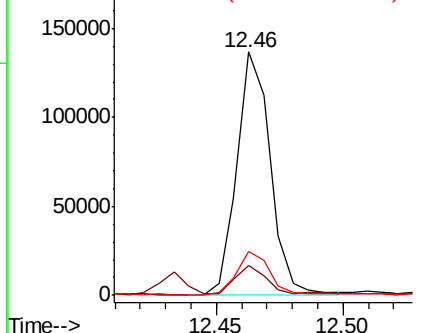
Tot Ion:	202	Resp:	125095
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.7
203	18.0	0.0	37.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

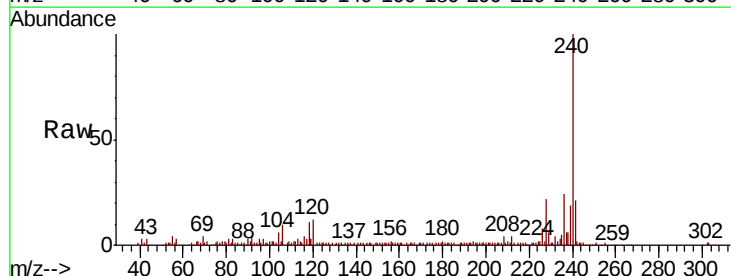
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

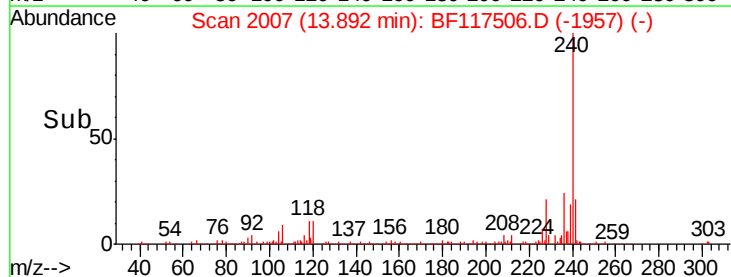
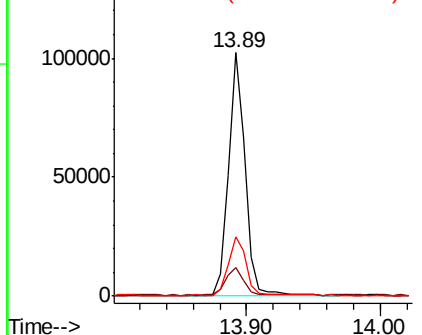
Lab File: BF117506.D

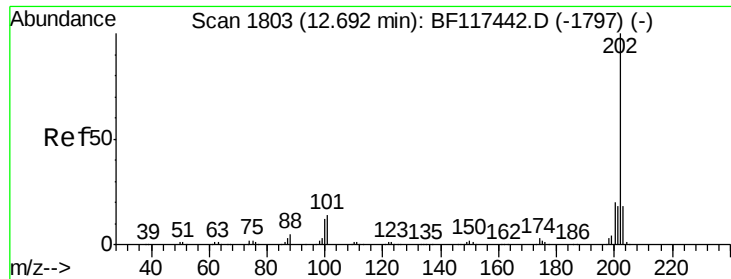
Acq: 24 Oct 2019 1:37

Tgt Ion:	240	Resp:	91171
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.4	12.6
236	24.4	20.0	30.0



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





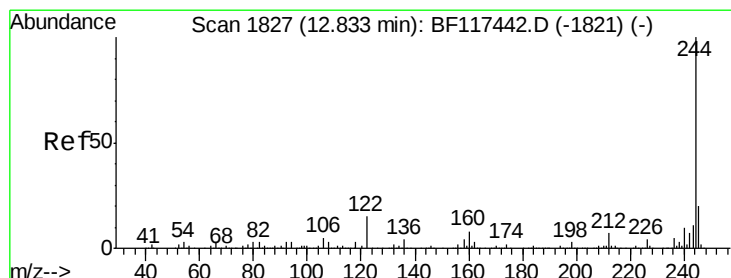
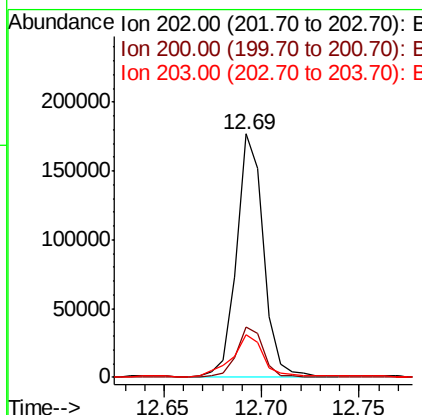
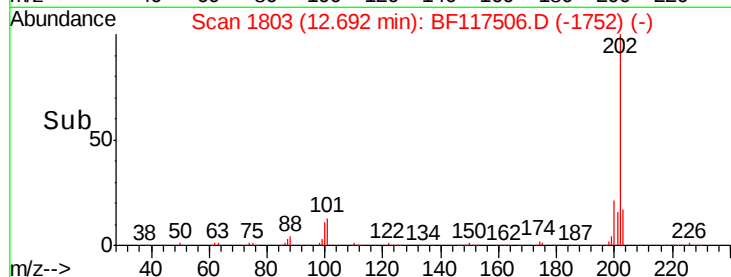
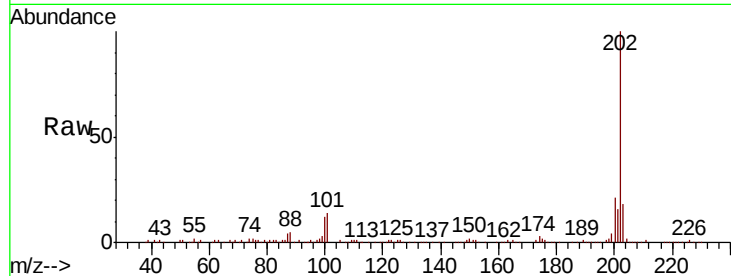
#78
Pvrene
Concen: 21.545 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Instrument :
BNA_F
ClientSampleId :
SU-03-102219

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	16.2	24.2
203	17.6	14.0	21.0

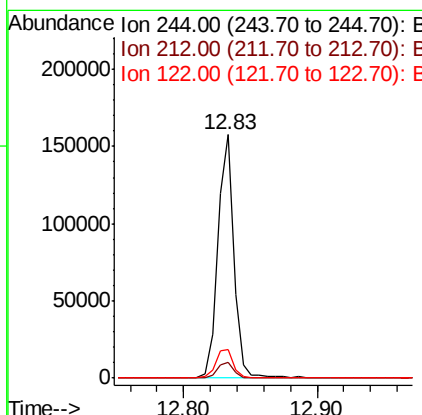
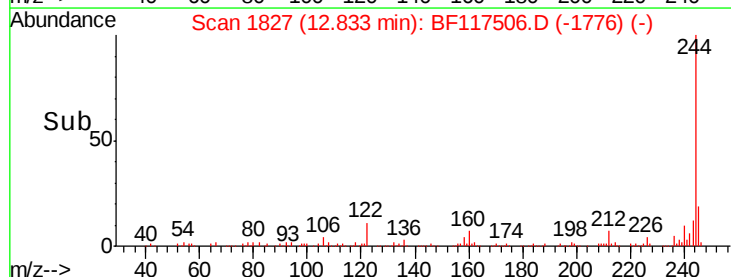
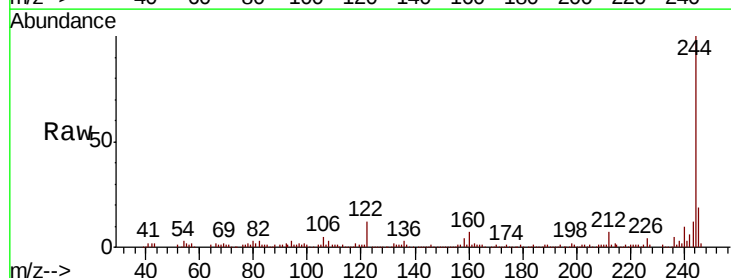
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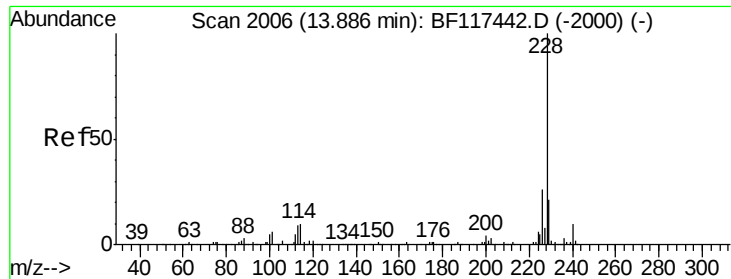
mohammad
10/24/2019 2:11:14 PM



#79
Terphenyl-d14
Concen: 23.953 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.8	8.6
122	11.6	11.8	17.8#





#81

Benzo(a)anthracene

Concen: 10.783 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117506.D

Acq: 24 Oct 2019 1:37

Instrument :

BNA_F

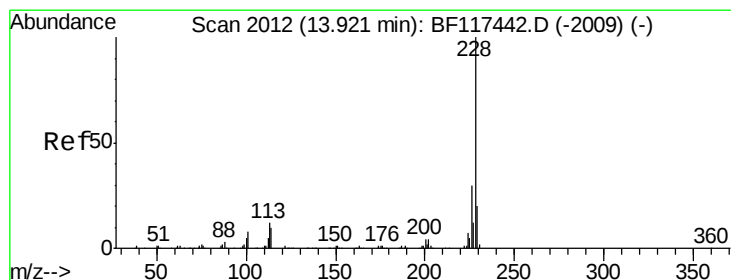
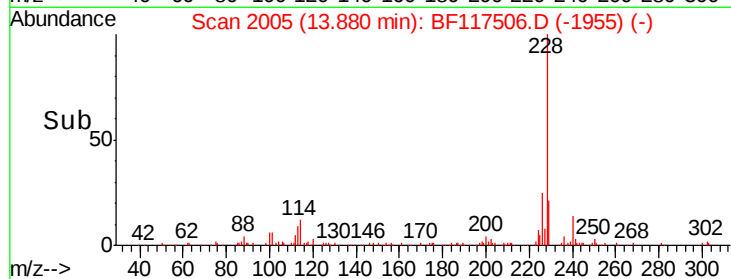
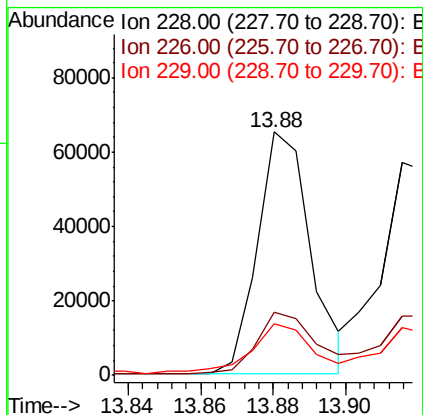
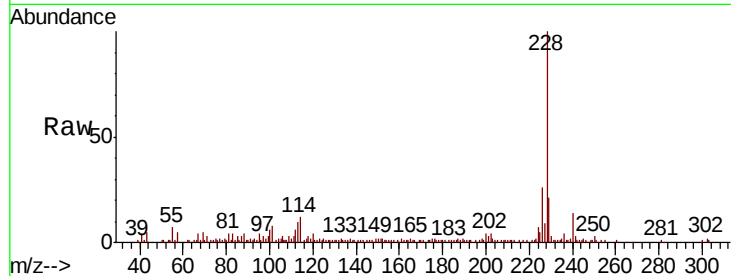
ClientSampleId :

SU-03-102219

Tot Ion:	228	Resp:	66311
Ion Ratio	Lower	Upper	
228	100		
226	25.9	21.0	31.4
229	21.4	16.4	24.6

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#83

Chrysene

Concen: 10.479 ng

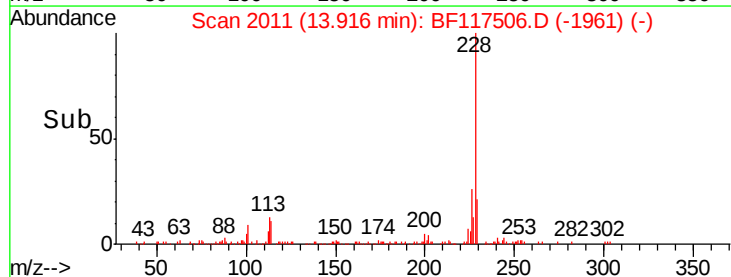
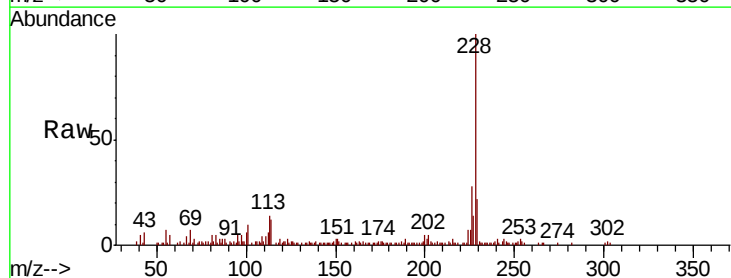
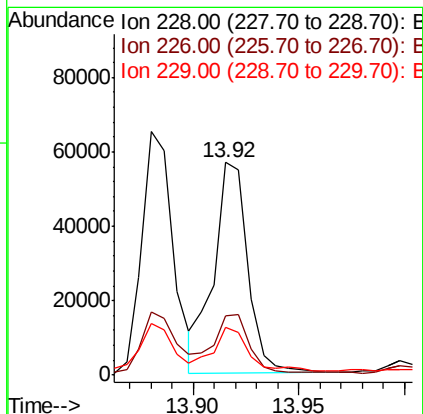
RT: 13.92 min Scan# 2011

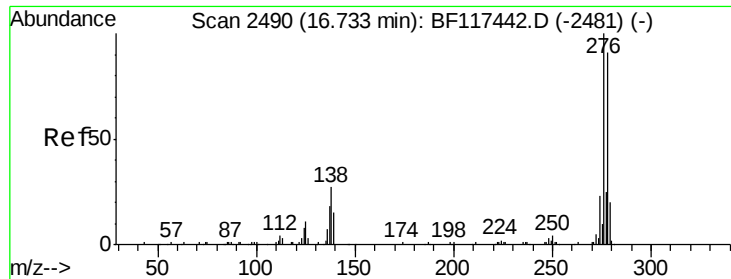
Delta R.T. -0.01 min

Lab File: BF117506.D

Acq: 24 Oct 2019 1:37

Tgt Ion:	228	Resp:	63162
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.9	35.9
229	22.3	15.8	23.6





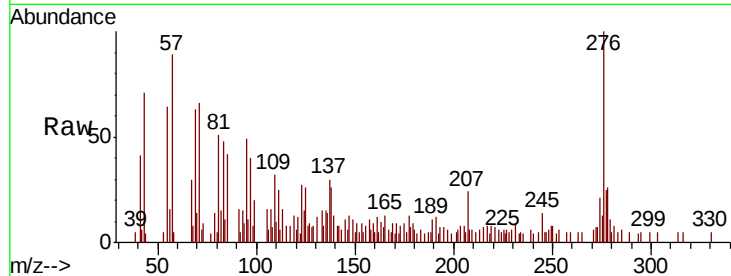
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.602 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Instrument :
BNA_F
ClientSampleId :
SU-03-102219

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	21.8	32.8#
277	26.4	20.0	30.0

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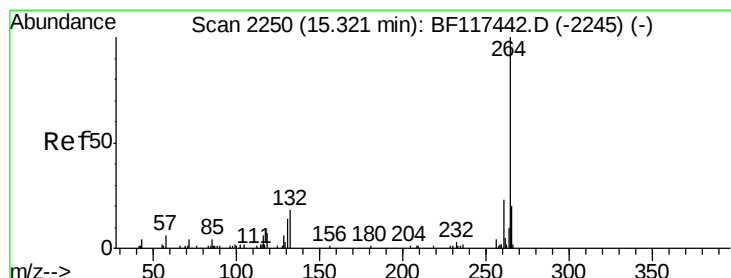
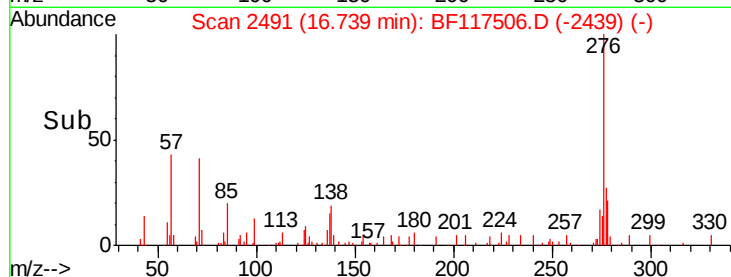
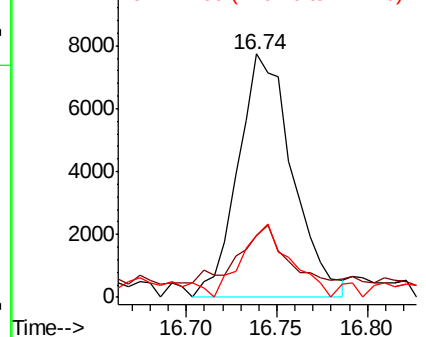


Abundance

Ion 276.00 (275.70 to 276.70): E

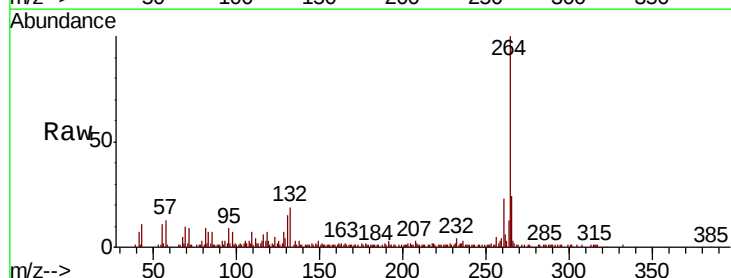
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	24.4	16.1	24.1#

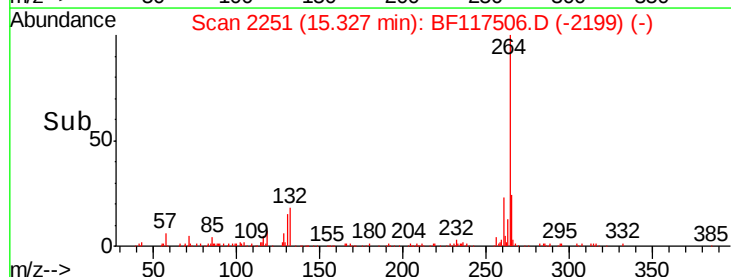
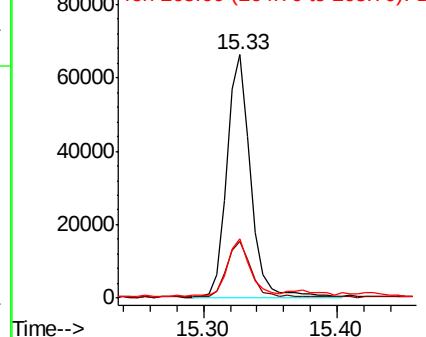


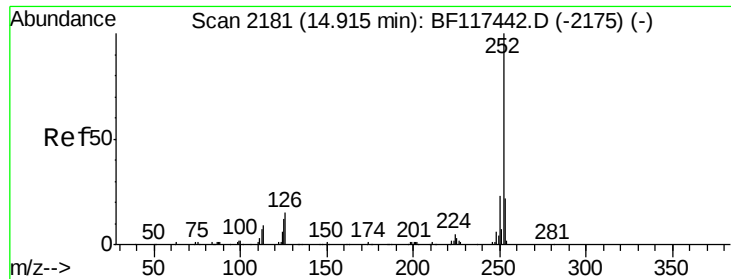
Abundance

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: 10.969 ng m

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF117506.D

Acq: 24 Oct 2019 1:37

Instrument :

BNA_F

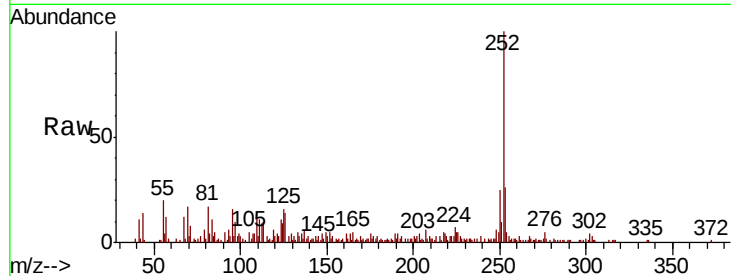
ClientSampleId :

SU-03-102219

Tot Ion:	252	Resp:	54357
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.8	26.6
125	16.4	9.9	14.9#

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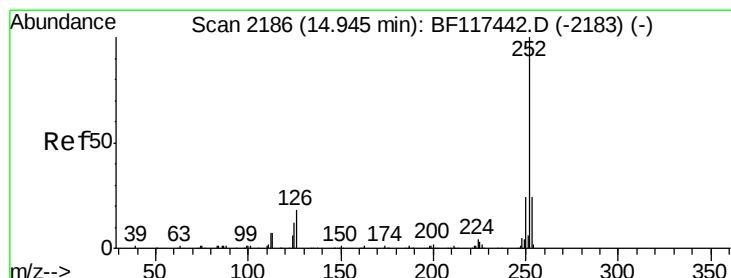
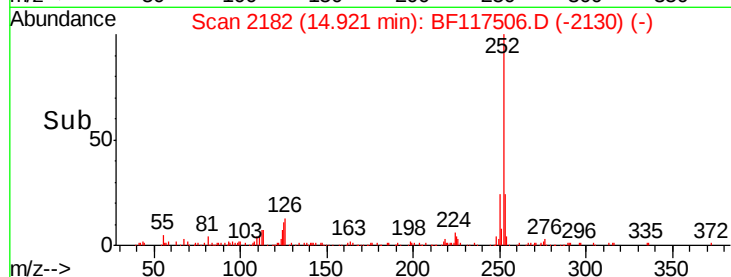
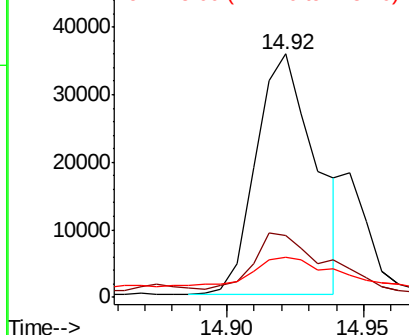


Abundance

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



#89

Benzo(k)fluoranthene

Concen: 2.166 ng m

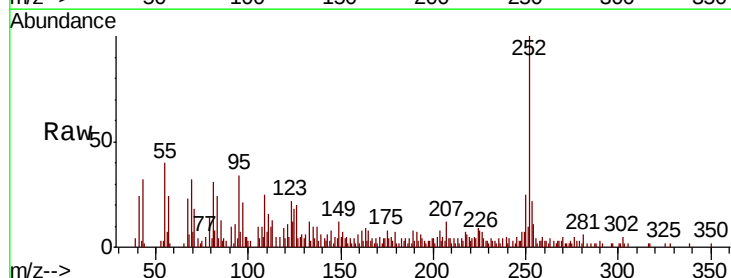
RT: 14.94 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BF117506.D

Acq: 24 Oct 2019 1:37

Tgt Ion:	252	Resp:	11003
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	18.0	8.9	13.3#

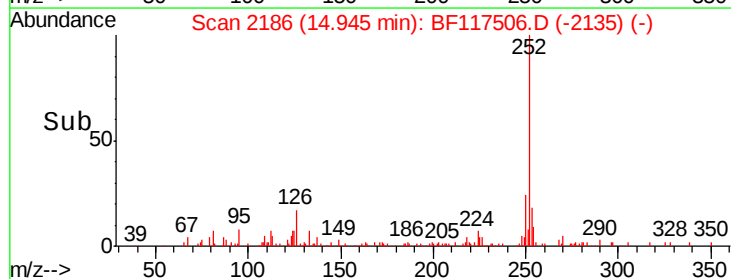
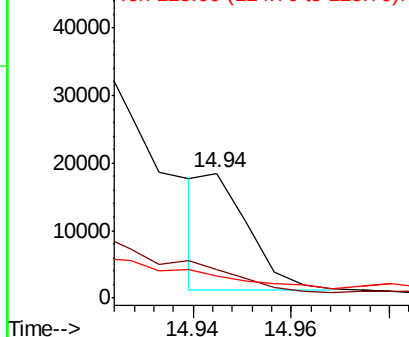


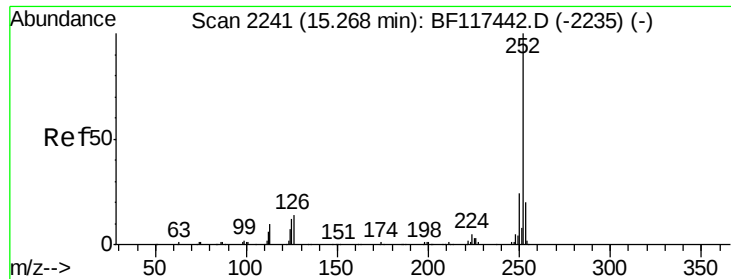
Abundance

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





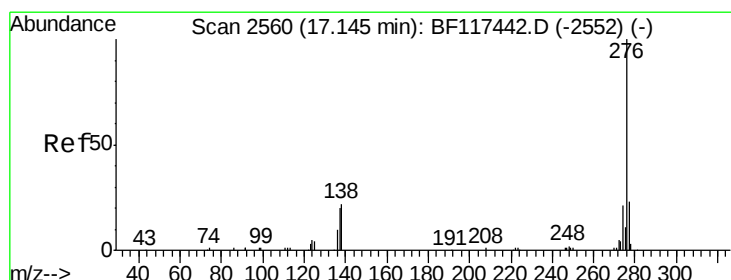
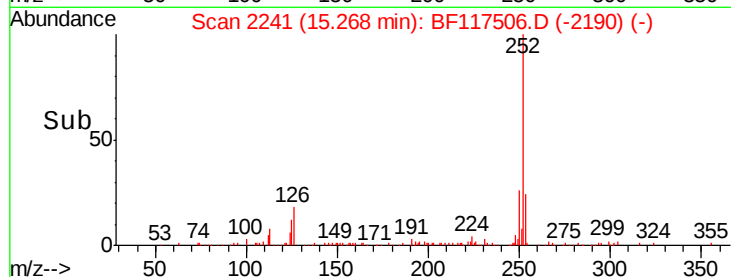
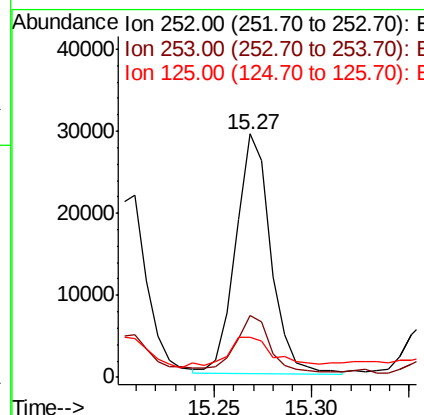
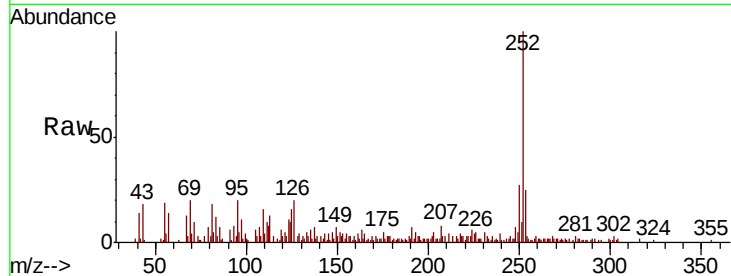
#90
Benzo(a)pyrene
Concen: 8.105 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Instrument :
BNA_F
ClientSampleId :
SU-03-102219

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.3	24.5#
125	16.5	9.2	13.8#

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#92
Benzo(g,h,i)perylene
Concen: 4.349 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.03 min
Lab File: BF117506.D
Acq: 24 Oct 2019 1:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	32.4	18.4	27.6#
138	24.9	17.8	26.6

