

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117575.D
 Acq On : 28 Oct 2019 21:24
 Operator : JU
 Sample : K5153-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-102419

Manual Integrations
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 10/30/2019 4:51:41 PM

Quant Time: Oct 29 15:08:55 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	6.72	152	44856	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	183597	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	90751	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	129230	20.00	ng	0.00
76) Chrysene-d12	13.89	240	88327	20.00	ng	0.00
87) Perylene-d12	15.32	264	76475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	157470	52.23	ng	0.00
7) Phenol-d6	6.38	99	223989	55.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	134383	36.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	35698	45.46	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	218065	33.86	ng	-0.01
79) Terphenyl-d14	12.83	244	162038	29.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	33810	5.226	ng	99
71) Phenanthrene	11.27	178	19517	2.601	ng	99
75) Fluoranthene	12.46	202	25492	3.394	ng	96
78) Pyrene	12.69	202	25507	3.362	ng	99
81) Benzo(a)anthracene	13.88	228	12489	2.096	ng	96
88) Benzo(b)fluoranthene	14.92	252	12235m	2.709	ng	
90) Benzo(a)pyrene	15.27	252	9606	2.340	ng	# 91

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

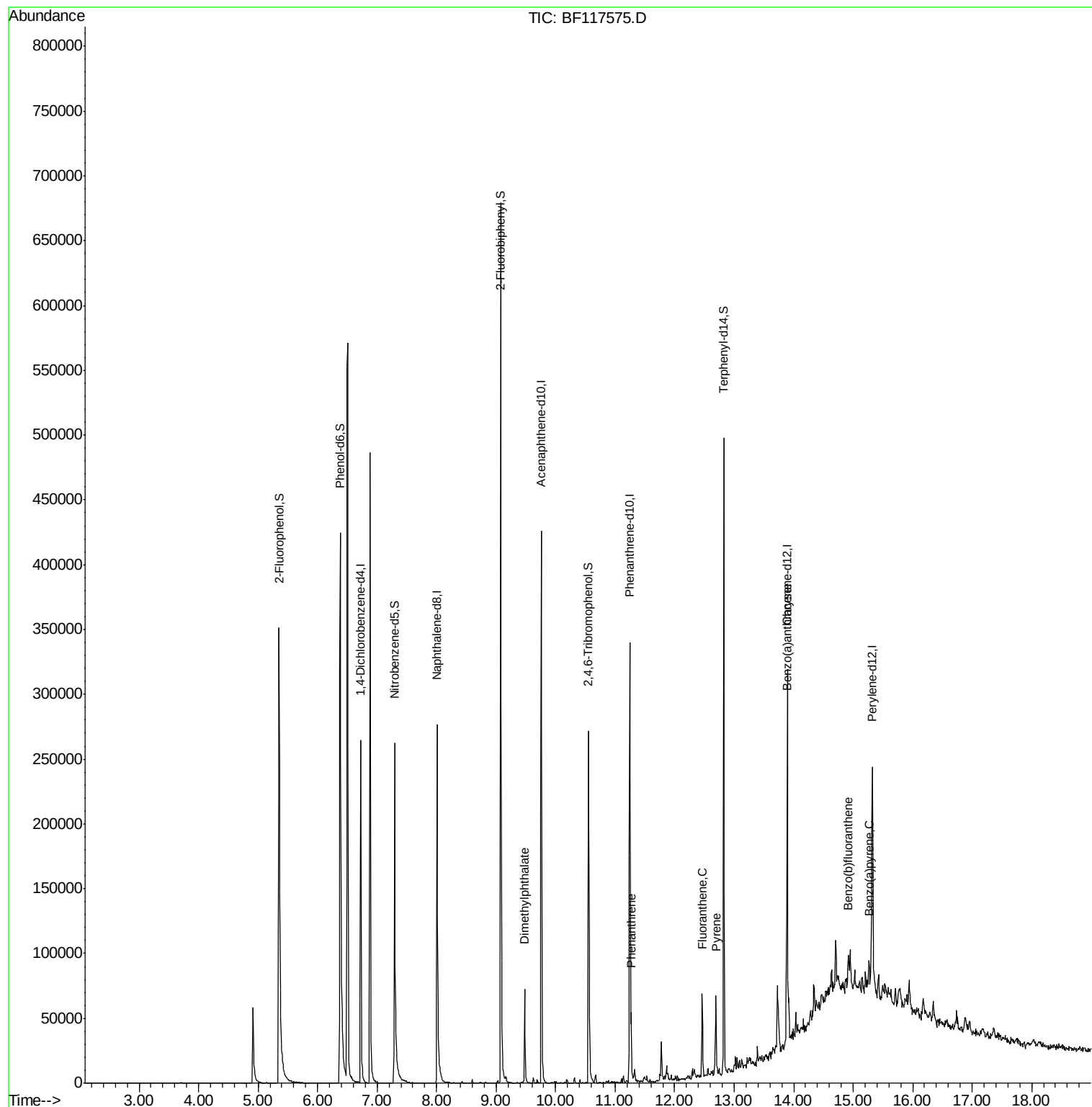
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117575.D
Acq On : 28 Oct 2019 21:24
Operator : JU
Sample : K5153-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

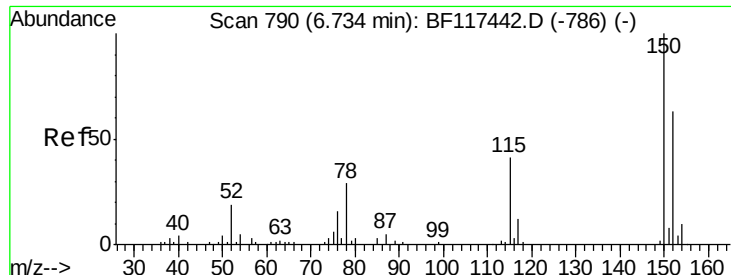
Instrument :
BNA_F
ClientSampleId :
TR-05-102419

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Quant Time: Oct 29 15:08:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

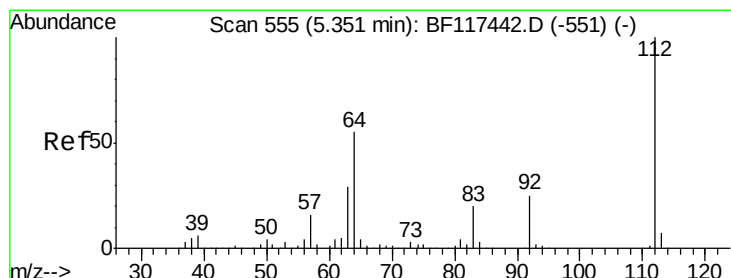
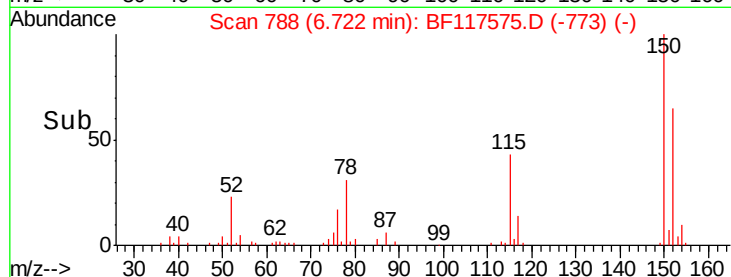
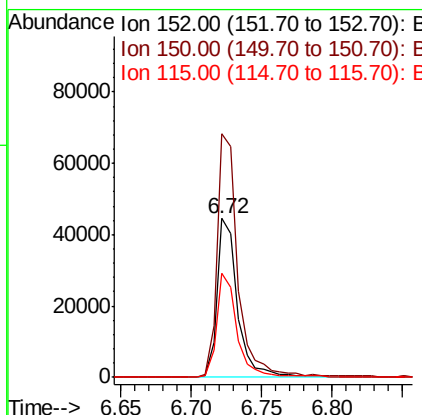
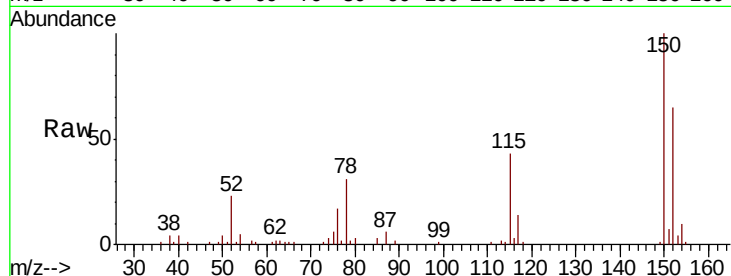
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117575.D
Acq: 28 Oct 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TR-05-102419

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.8	190.2
115	65.6	51.6	77.4

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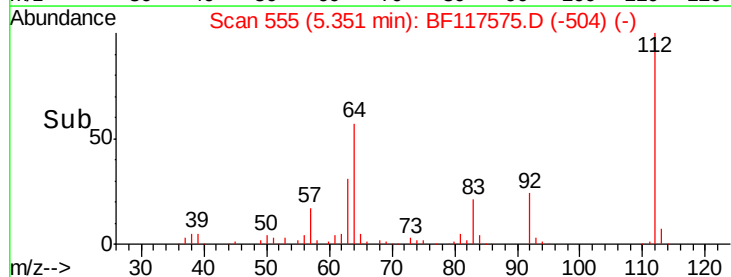
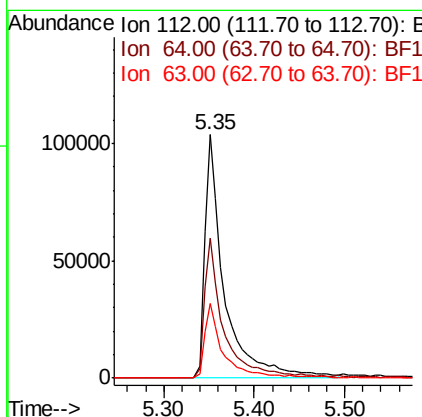
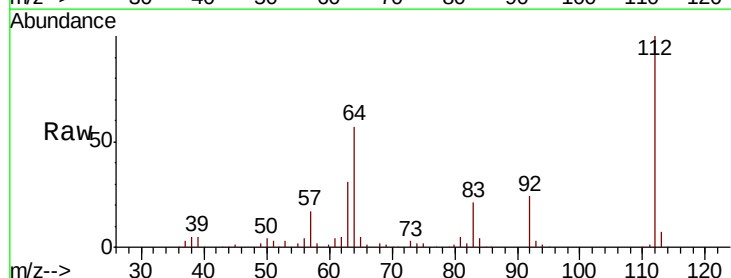
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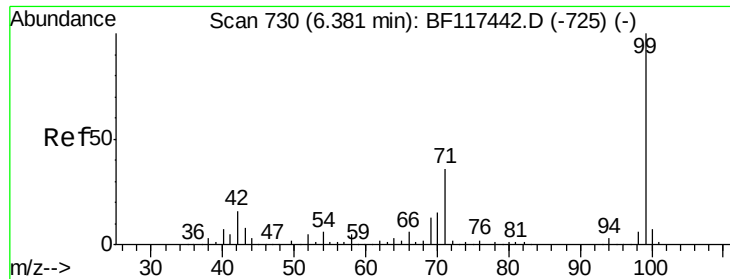


#5

2-Fluorophenol
Concen: 52.227 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117575.D
Acq: 28 Oct 2019 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.1	66.1
63	30.9	23.4	35.2





#7

Phenol-d6

Concen: 55.311 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117575.D

Acq: 28 Oct 2019 21:24

Instrument :

BNA_F

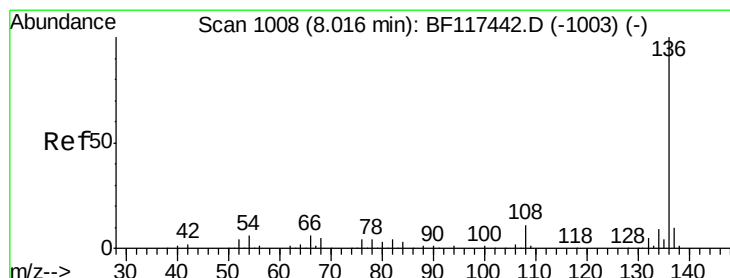
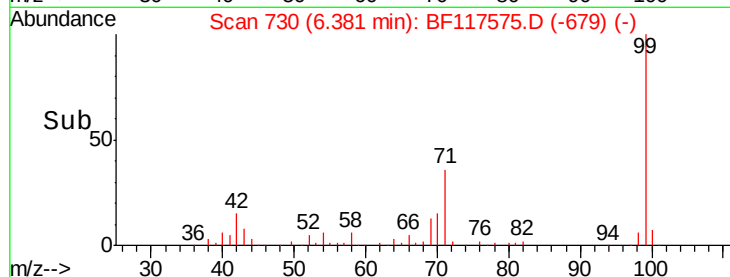
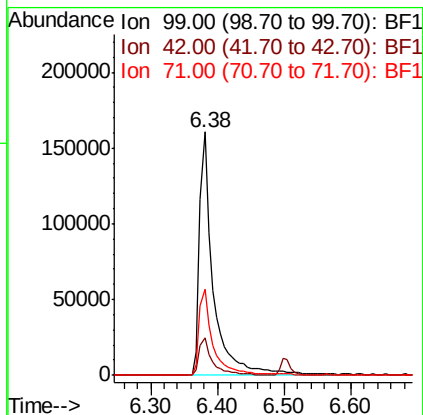
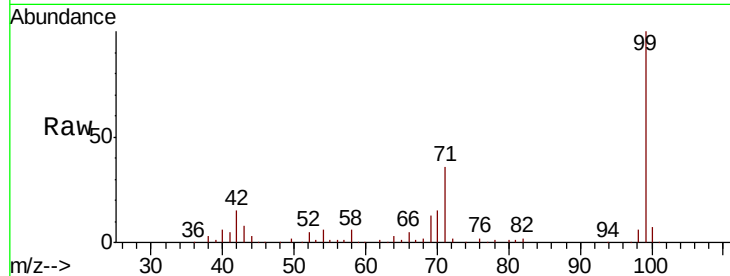
ClientSampleId :

TR-05-102419

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		223989		
42	15.4	12.8	19.2		
71	35.5	28.6	43.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

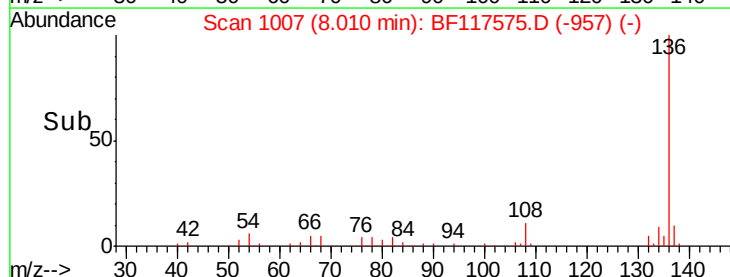
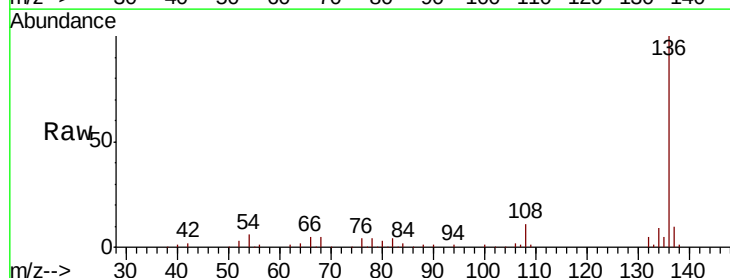
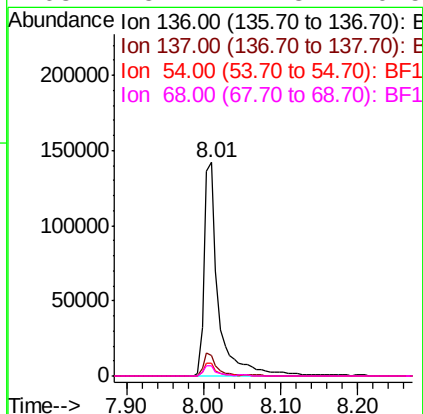
RT: 8.01 min Scan# 1007

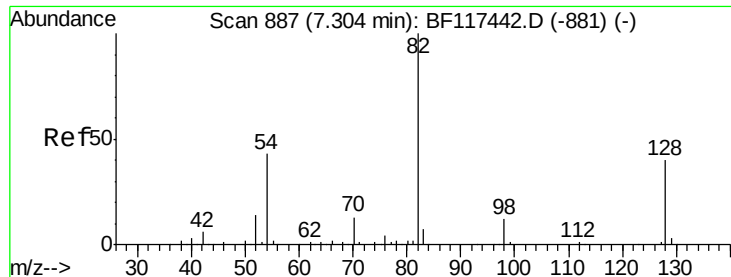
Delta R.T. -0.01 min

Lab File: BF117575.D

Acq: 28 Oct 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		183597		
137	9.8	8.2	12.4		
54	6.1	4.5	6.7		
68	5.1	4.3	6.5		





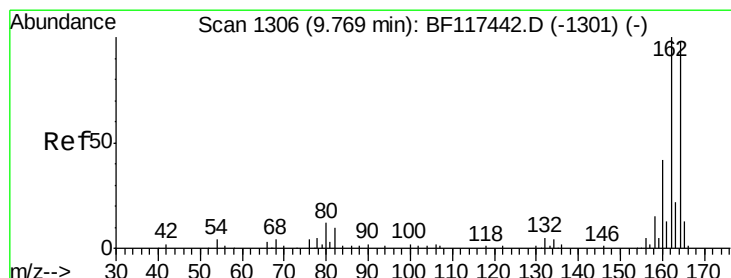
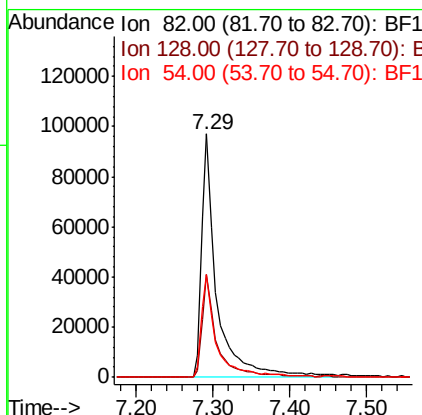
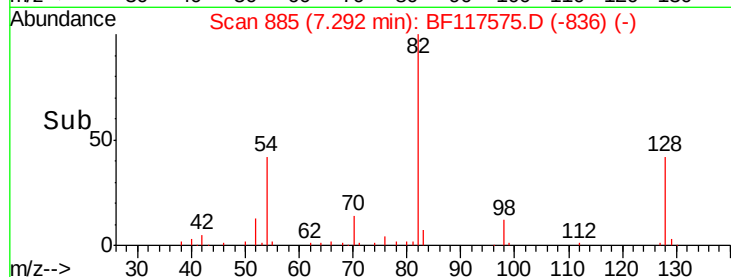
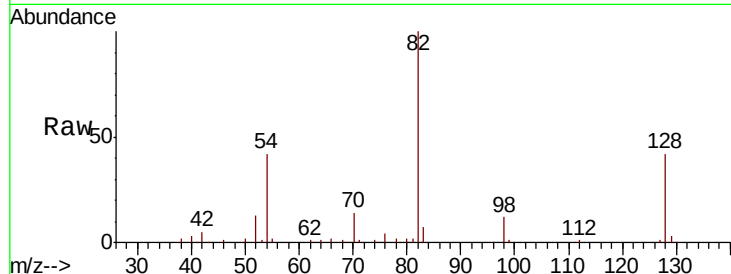
#23
 Nitrobenzene-d5
 Concen: 36.135 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117575.D
 Acq: 28 Oct 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-102419

Tot Ion	82	Resp	134383
Ion Ratio	100	Lower	Upper
82	100		
128	42.2	32.2	48.2
54	42.2	34.2	51.2

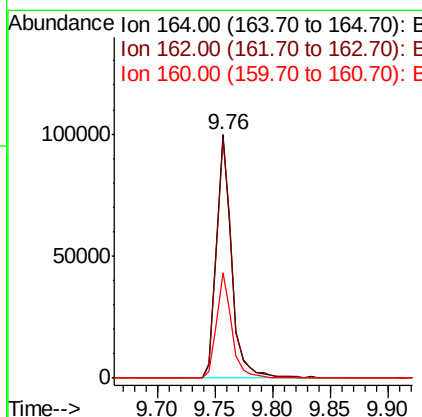
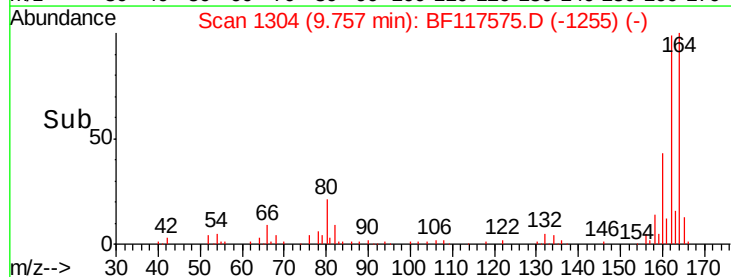
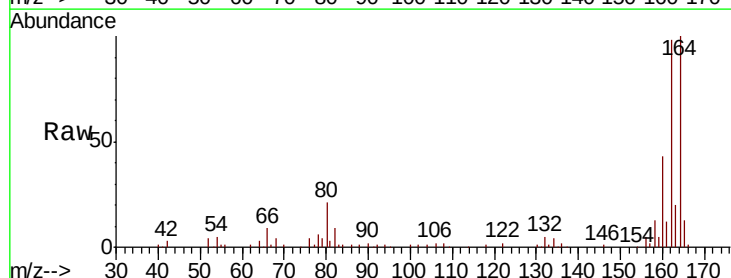
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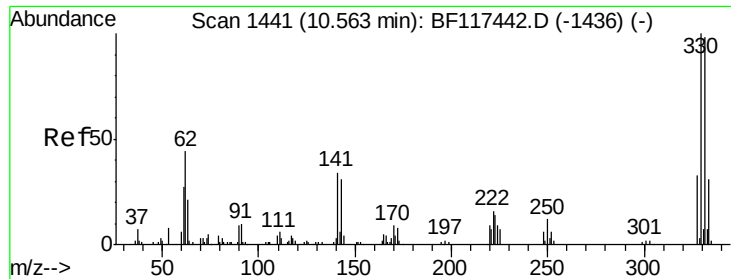
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF117575.D
 Acq: 28 Oct 2019 21:24

Tgt Ion	164	Resp	90751
Ion Ratio	100	Lower	Upper
164	100		
162	98.4	81.8	122.6
160	43.0	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 45.462 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117575.D

Acq: 28 Oct 2019 21:24

Instrument :

BNA_F

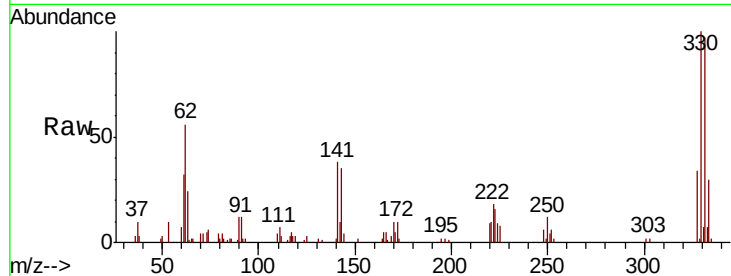
ClientSampleId :

TR-05-102419

Tot Ion:	330	Resp:	35698
Ion Ratio	Lower	Upper	
330	100		
332	97.2	78.5	117.7
141	45.0	37.0	55.6

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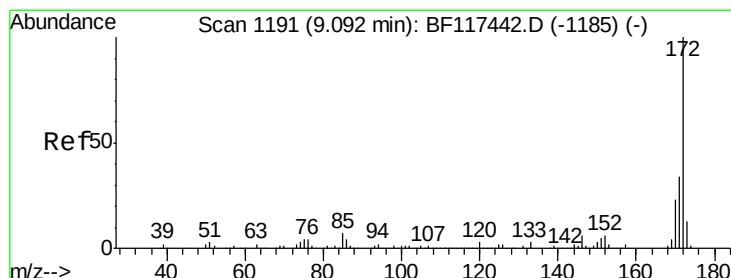
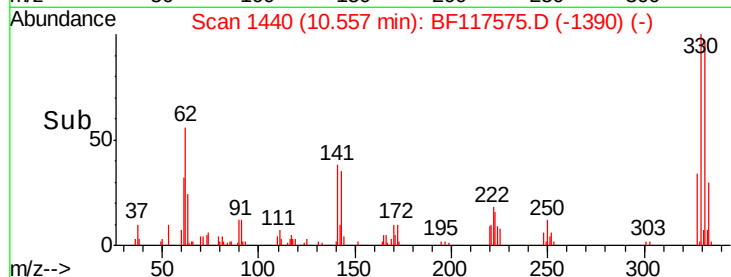
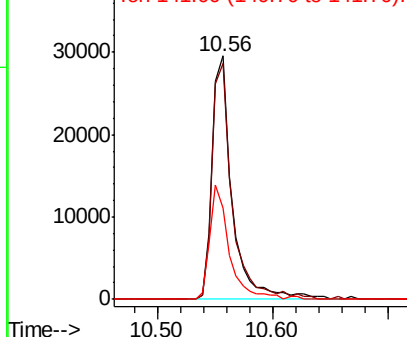


Abundance

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: 33.857 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117575.D

Acq: 28 Oct 2019 21:24

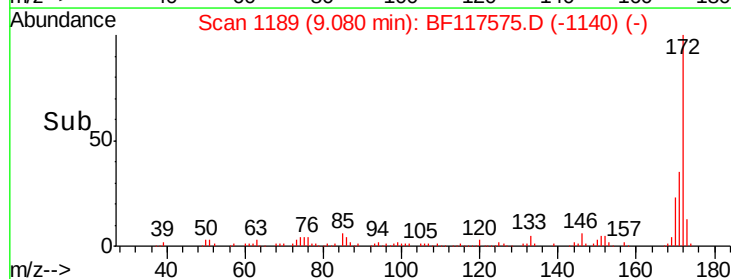
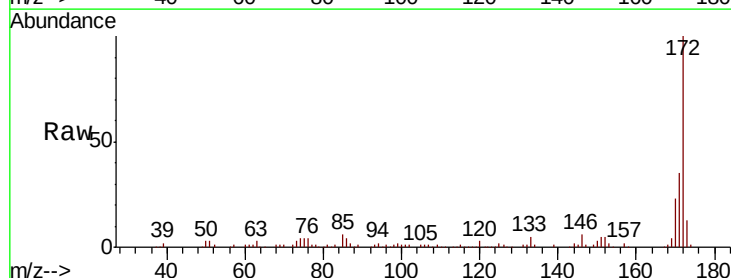
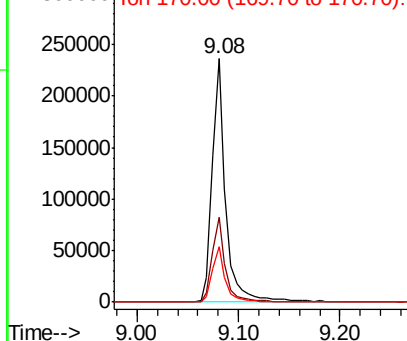
Tgt Ion:	172	Resp:	218065
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.5	41.3
170	23.0	18.6	27.8

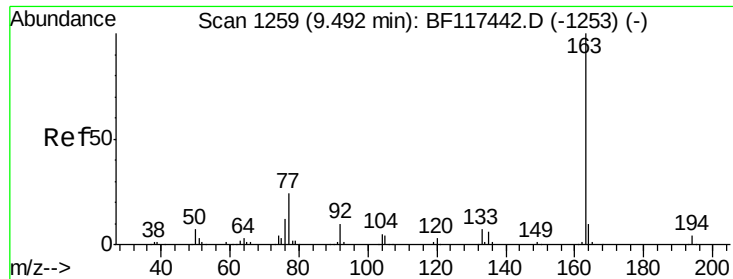
Abundance

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





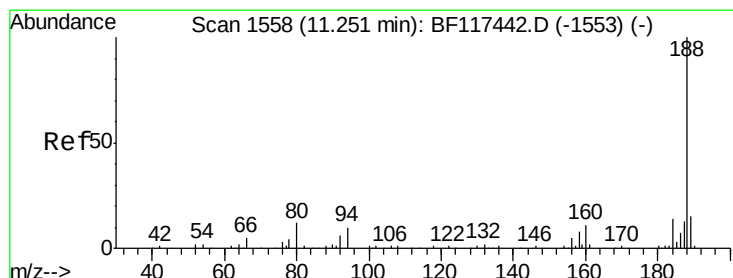
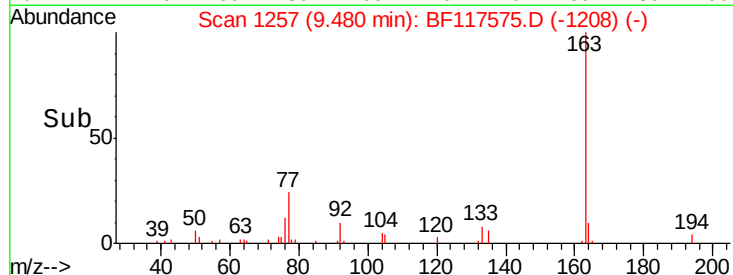
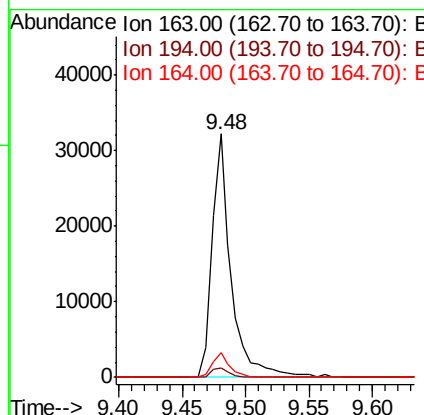
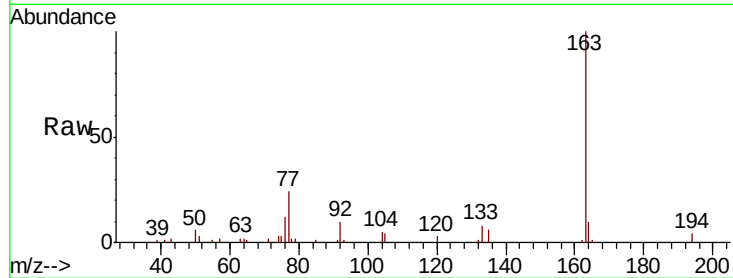
#50
Dimethylphthalate
Concen: 5.226 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117575.D
Acq: 28 Oct 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TR-05-102419

Tot Ion	Ratio	Resp	Lower	Upper
163	100	33810		
194	4.1		2.9	4.3
164	10.4		8.2	12.2

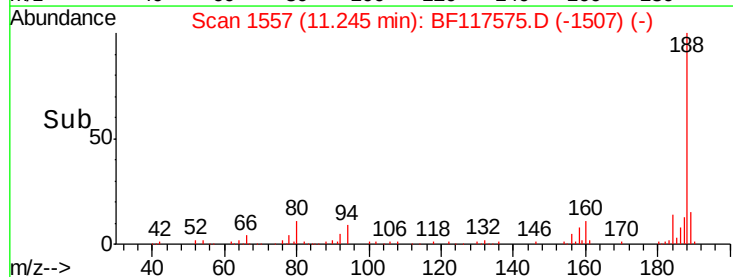
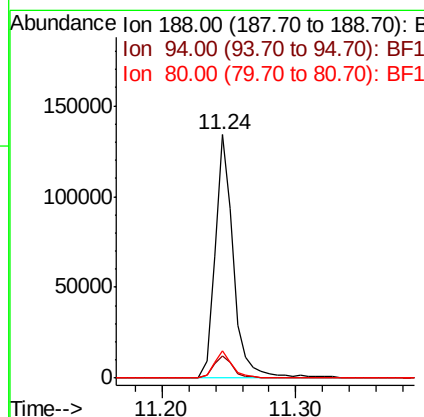
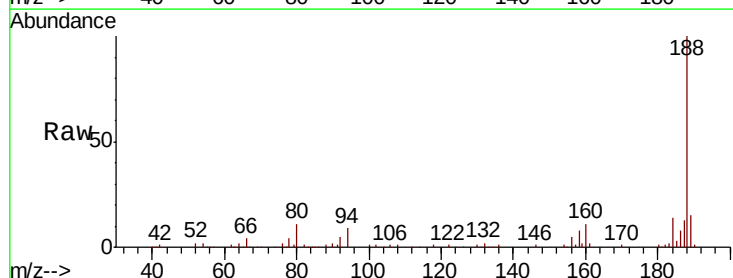
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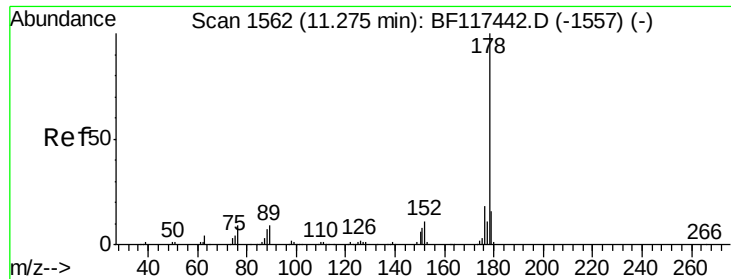
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117575.D
Acq: 28 Oct 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	129230		
94	9.3		8.0	12.0
80	11.5		9.5	14.3





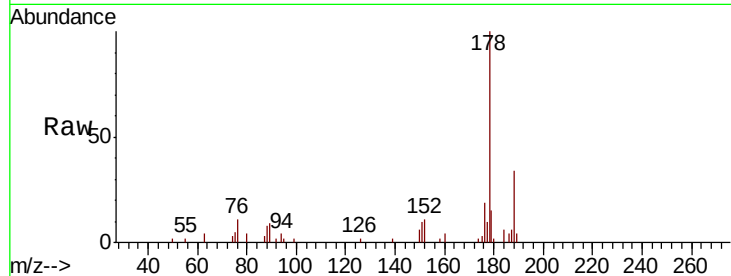
#71
Phenanthrene
Concen: 2.601 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF117575.D
Acq: 28 Oct 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TR-05-102419

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.2	12.6	19.0

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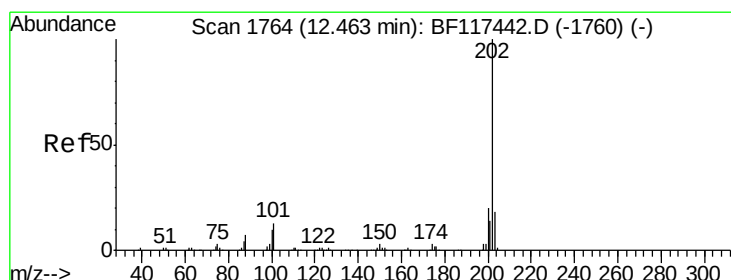
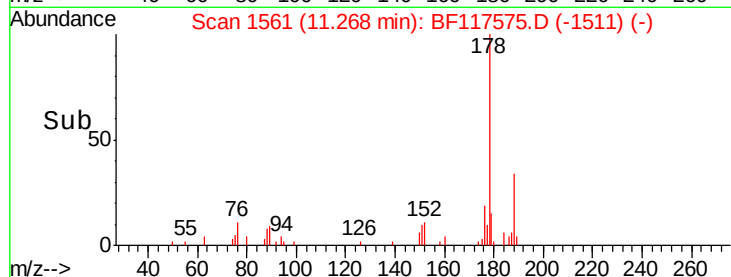
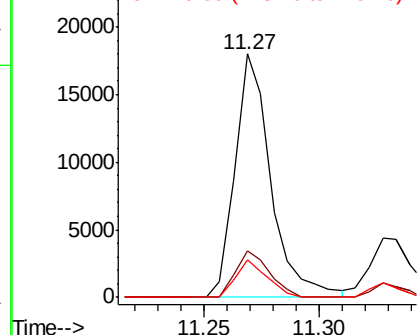


Abundance

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: 3.394 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117575.D
Acq: 28 Oct 2019 21:24

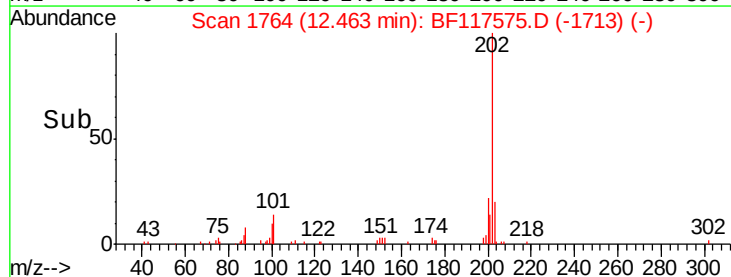
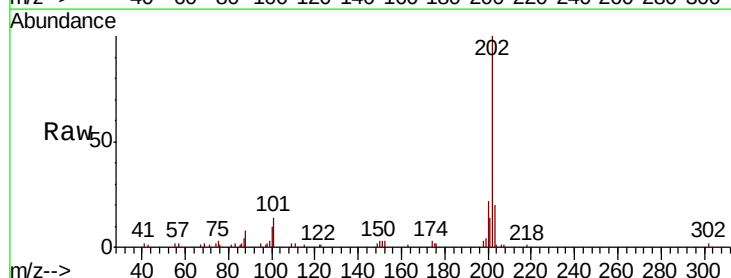
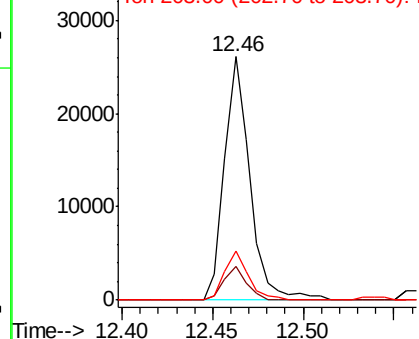
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	32.7
203	19.9	0.0	37.6

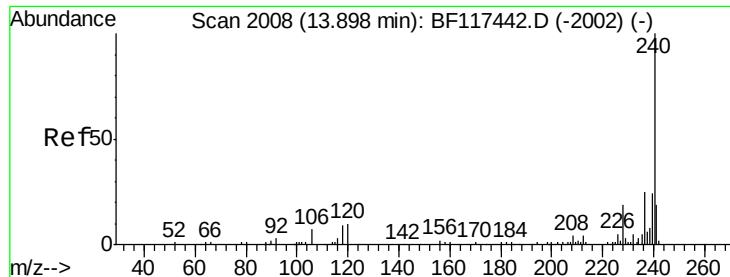
Abundance

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





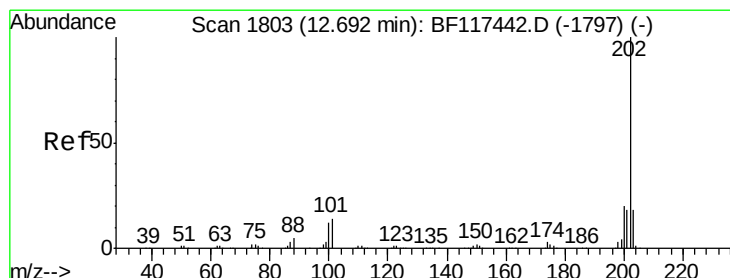
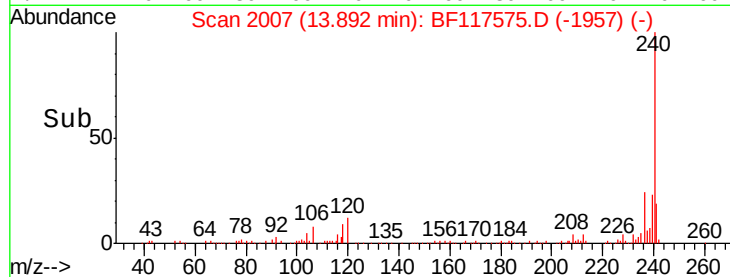
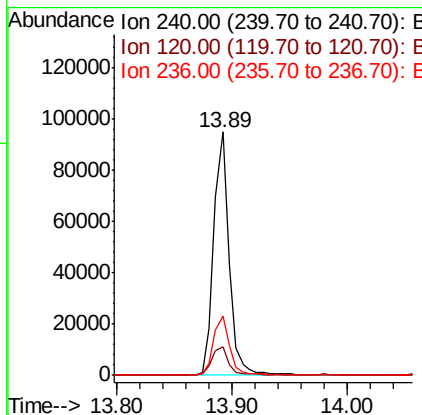
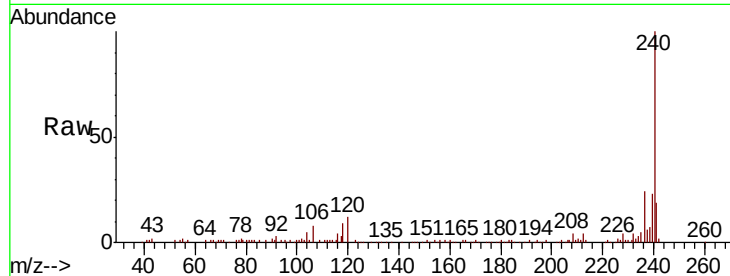
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117575.D
Acq: 28 Oct 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TR-05-102419

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.4	12.6
236	24.5	20.0	30.0

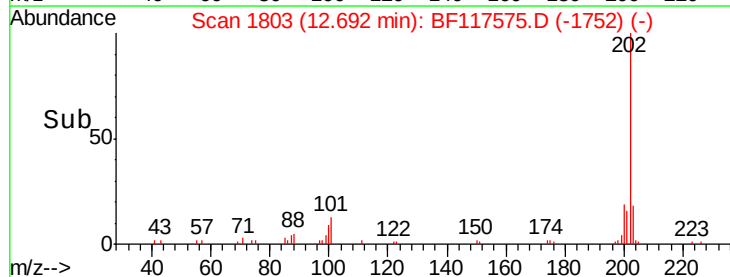
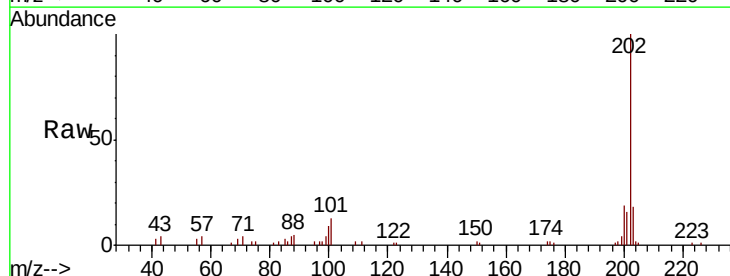
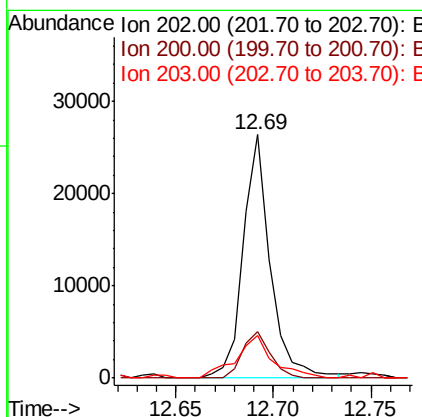
Manual Integrations
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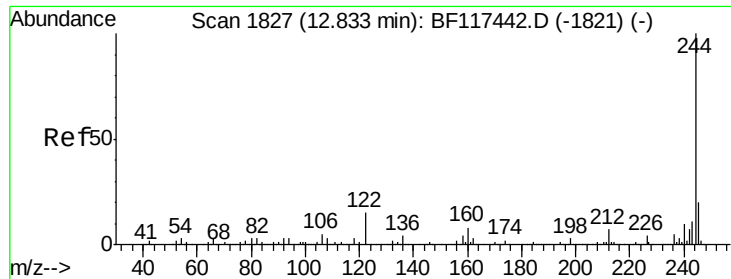
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#78
Pyrene
Concen: 3.362 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117575.D
Acq: 28 Oct 2019 21:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.2	24.2
203	17.6	14.0	21.0





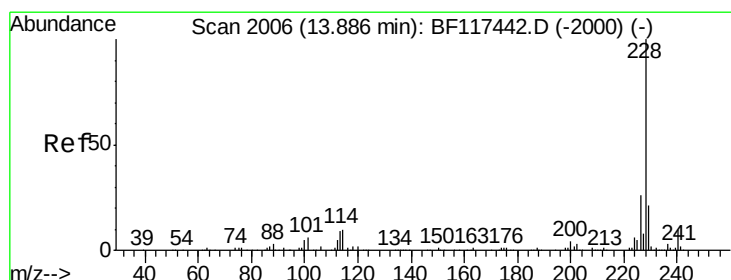
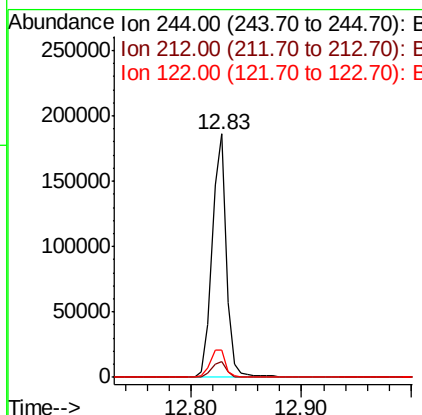
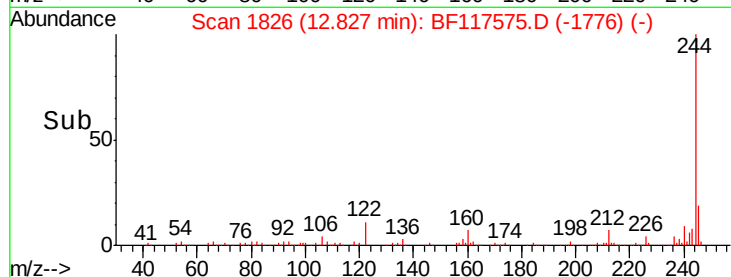
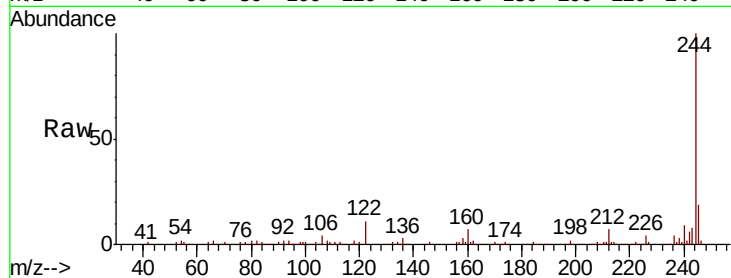
#79
 Terphenyl-d14
 Concen: 29.923 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117575.D
 Acq: 28 Oct 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-102419

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	11.1	11.8	17.8

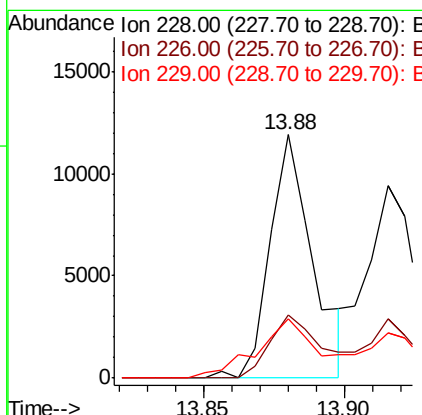
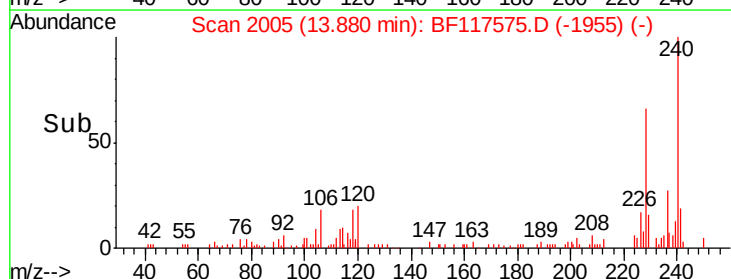
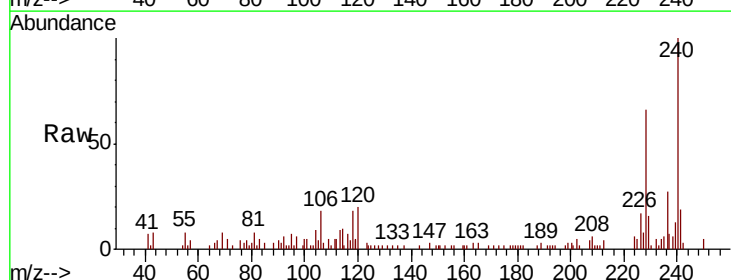
Manual Integrations
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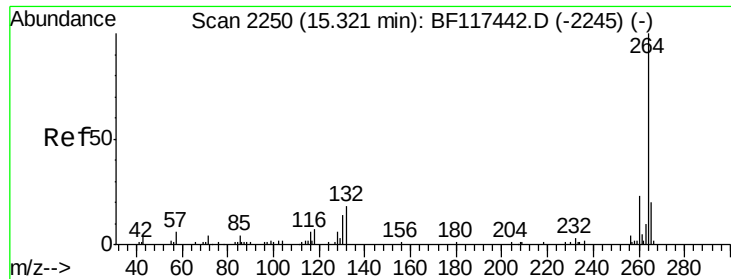
mohammad
 10/30/2019 4:51:41 PM



#81
 Benzo(a)anthracene
 Concen: 2.096 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF117575.D
 Acq: 28 Oct 2019 21:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.0	31.4
229	24.5	16.4	24.6





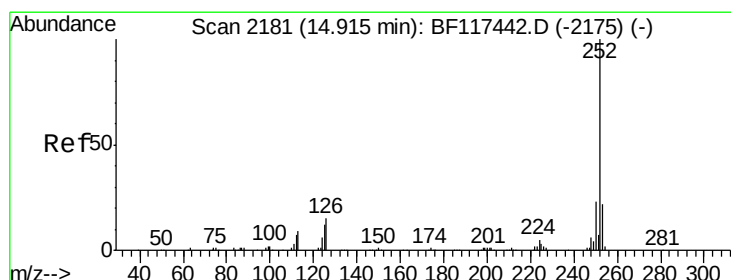
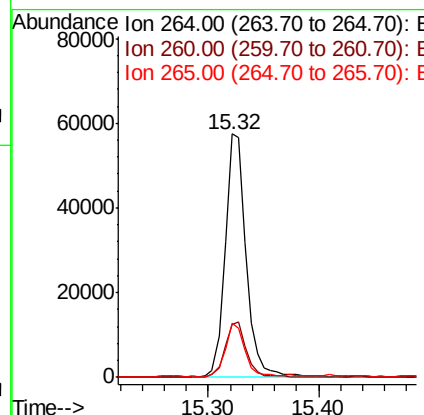
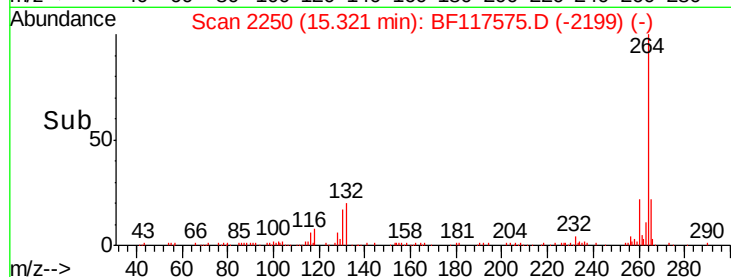
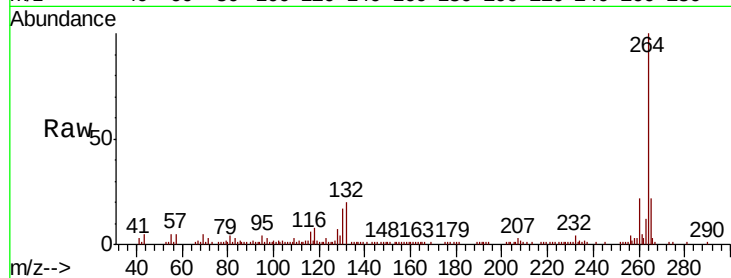
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117575.D
Acq: 28 Oct 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TR-05-102419

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	22.3	16.1	24.1

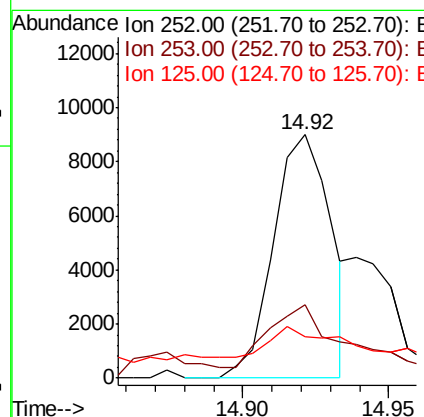
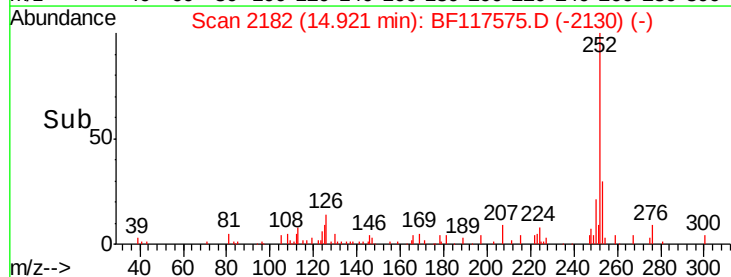
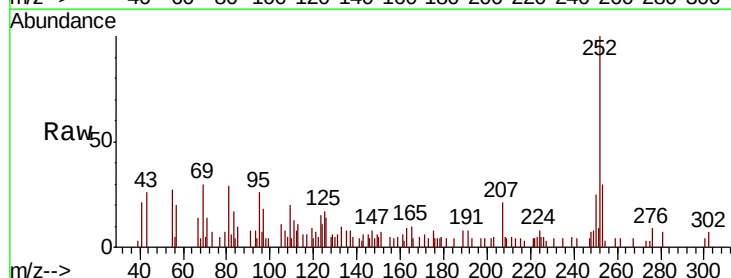
Manual Integrations
APPROVED

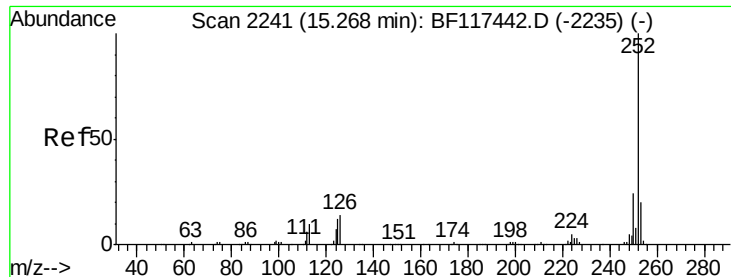
mohammad
10/30/2019 4:51:41 PM



#88
Benzo(b)fluoranthene
Concen: 2.709 ng m
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117575.D
Acq: 28 Oct 2019 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.8	26.6#
125	16.8	9.9	14.9#





#90
 Benzo(a)pyrene
 Concen: 2.340 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BF117575.D
 Acq: 28 Oct 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-102419

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	16.3	24.5
125	21.4	9.2	13.8

Manual Integrations
 APPROVED

mohammad
 10/30/2019 4:51:41 PM

