

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117499.D
 Acq On : 23 Oct 2019 22:30
 Operator : JU
 Sample : K5494-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP92-2FT

Manual Integrations
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 10/24/2019 2:11:03 PM

Quant Time: Oct 24 09:08:21 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	43238	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	178840	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	89370	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	138348	20.00	ng	0.00
76) Chrysene-d12	13.89	240	82766	20.00	ng	0.00
87) Perylene-d12	15.32	264	93678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	265566	91.37	ng	0.00
7) Phenol-d6	6.38	99	368440	94.39	ng	0.00
23) Nitrobenzene-d5	7.30	82	231975	64.04	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	67828	87.71	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	368256	58.06	ng	0.00
79) Terphenyl-d14	12.83	244	271718	53.55	ng	0.00
Target Compounds						
10) Phenol	6.39	94	8746	2.195	ng	Qvalue 87
50) Dimethylphthalate	9.48	163	57963	9.098	ng	100
75) Fluoranthene	12.46	202	21125	2.627	ng	97
78) Pyrene	12.69	202	19290	2.713	ng	98
88) Benzo(b)fluoranthene	14.92	252	13565m	2.452	ng	
90) Benzo(a)pyrene	15.26	252	10315	2.051	ng	# 89

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

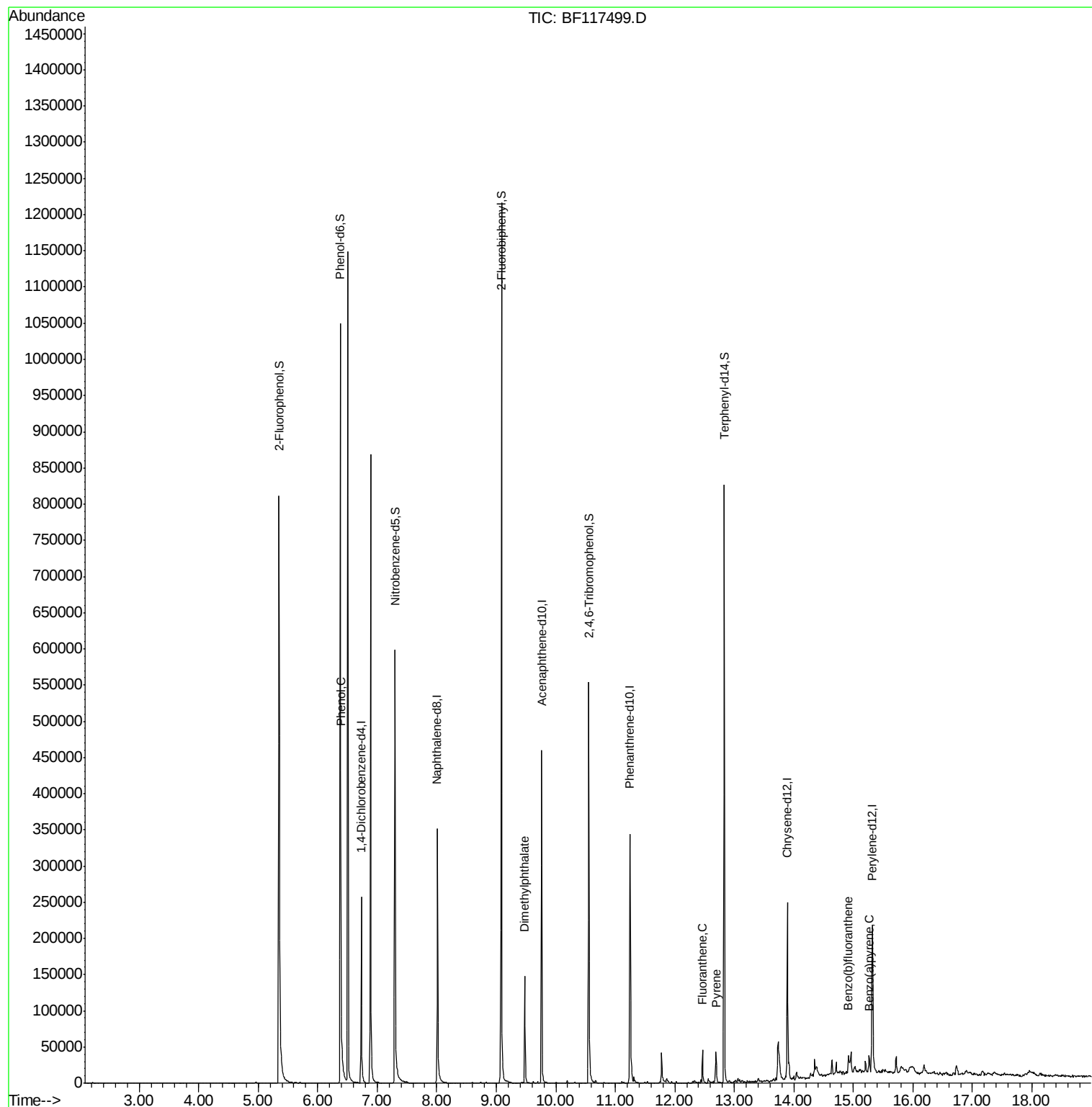
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117499.D
Acq On : 23 Oct 2019 22:30
Operator : JU
Sample : K5494-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

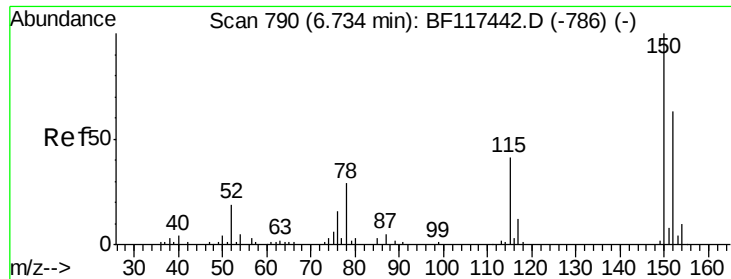
Instrument :
BNA_F
ClientSampleId :
TP92-2FT

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#1

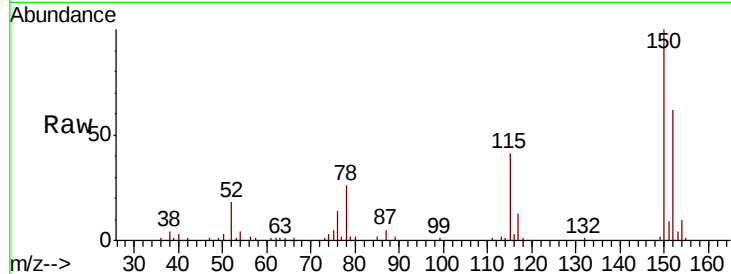
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Instrument :
BNA_F
ClientSampleId :
TP92-2FT

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.8	190.2
115	66.3	51.6	77.4

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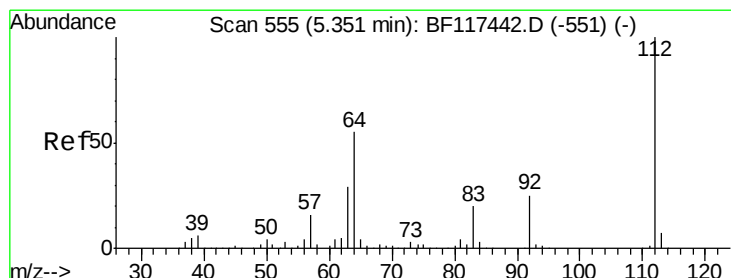
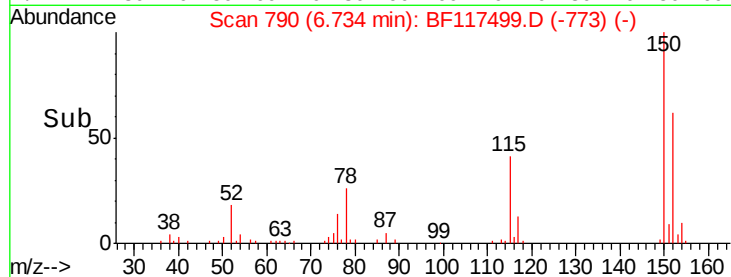
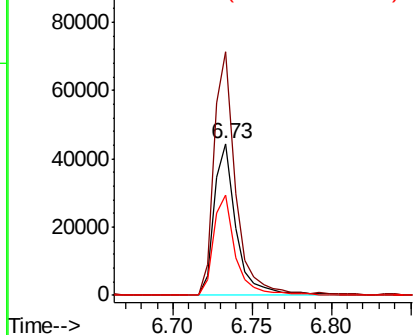


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

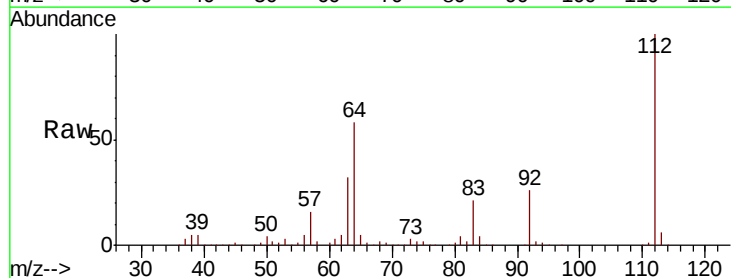
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.374 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	31.7	23.4	35.2

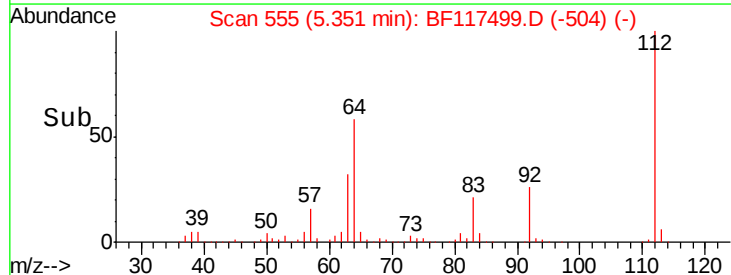
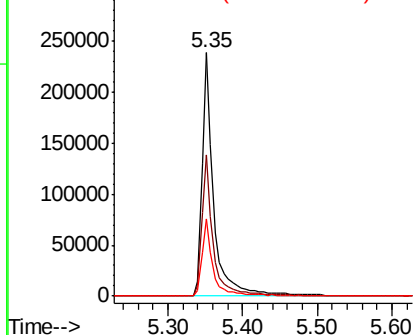


Abundance

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: 94.385 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF117499.D

Acq: 23 Oct 2019 22:30

Instrument :

BNA_F

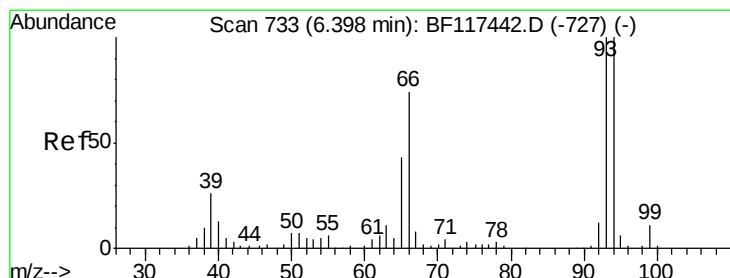
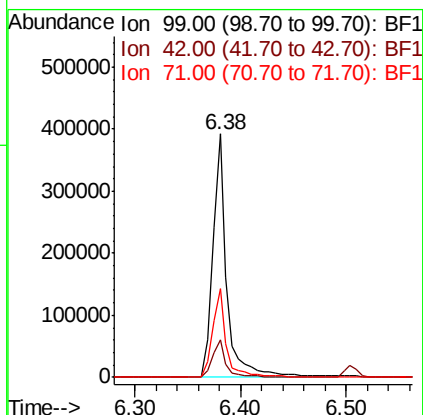
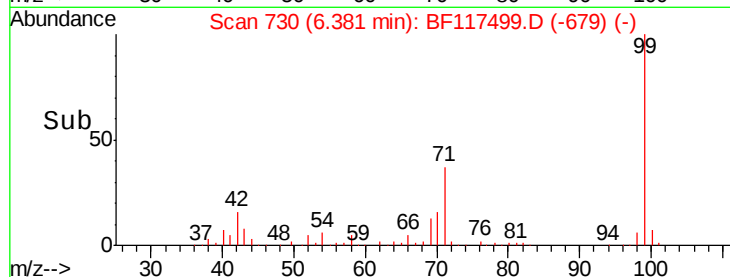
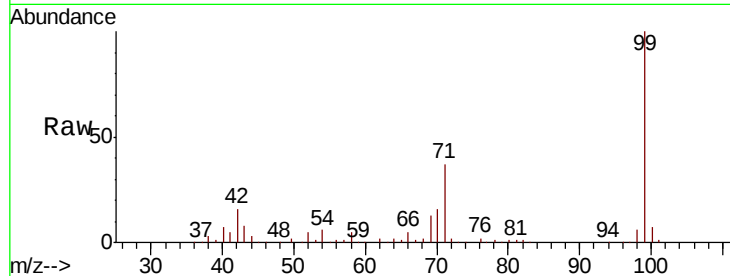
ClientSampled :

TP92-2FT

Tot Ion:	99	Resp:	368440
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	36.6	28.6	43.0

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#10

Phenol

Concen: 2.195 ng

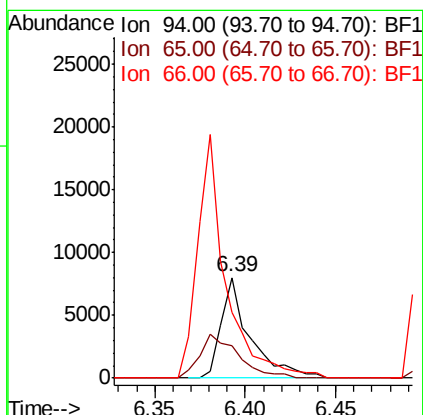
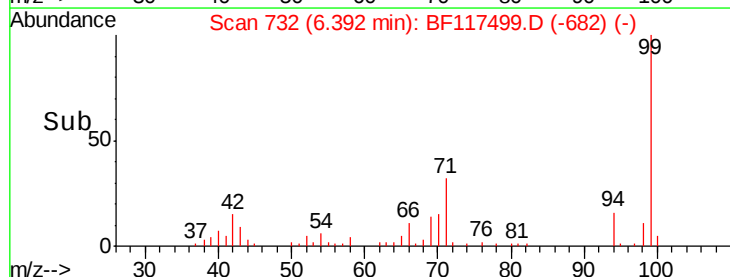
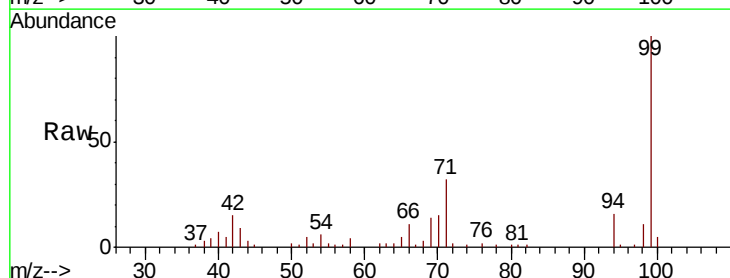
RT: 6.39 min Scan# 732

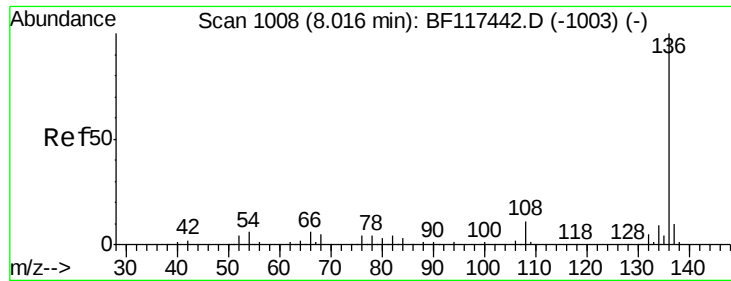
Delta R.T. -0.01 min

Lab File: BF117499.D

Acq: 23 Oct 2019 22:30

Tgt Ion:	94	Resp:	8746
Ion	Ratio	Lower	Upper
94	100		
65	32.1	23.4	63.4
66	65.4	54.7	94.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117499.D

Acq: 23 Oct 2019 22:30

Instrument :

BNA_F

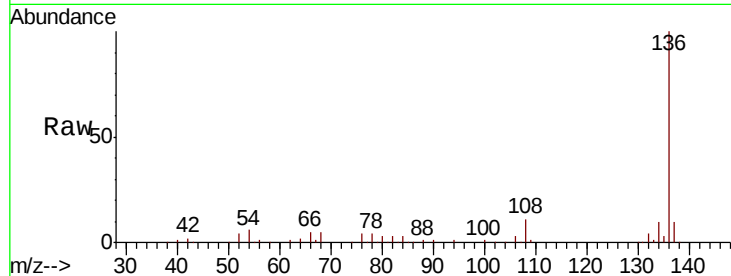
ClientSampleId :

TP92-2FT

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		178840		
137	10.4	8.2	12.4		
54	6.1	4.5	6.7		
68	5.2	4.3	6.5		

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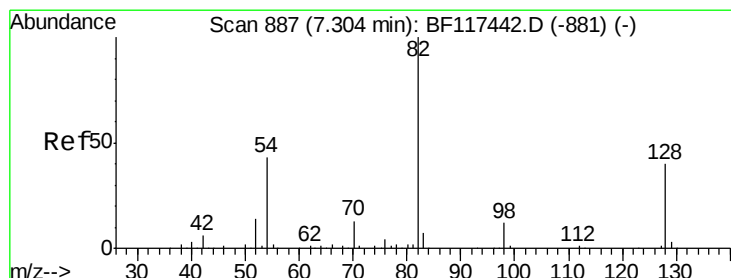
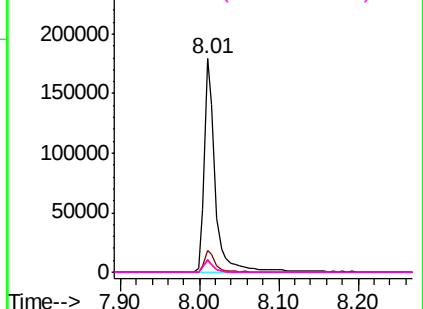
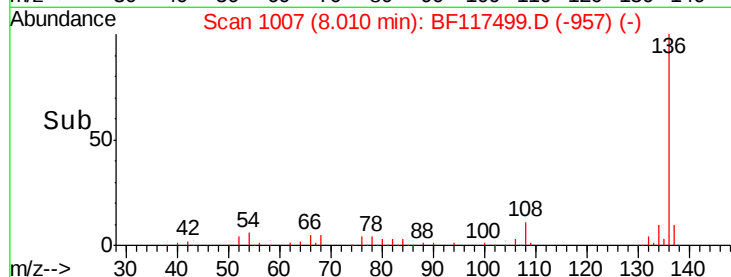


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 64.036 ng

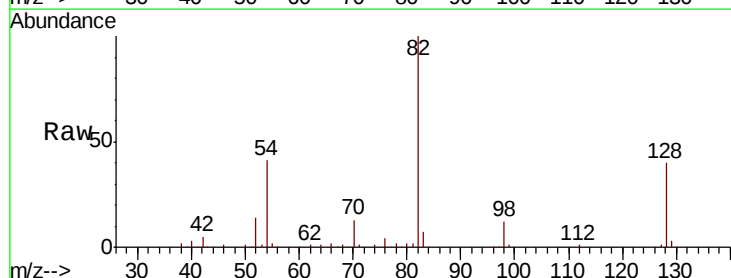
RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF117499.D

Acq: 23 Oct 2019 22:30

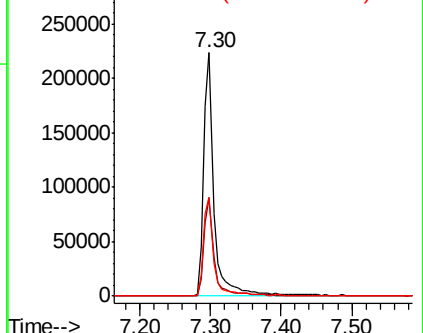
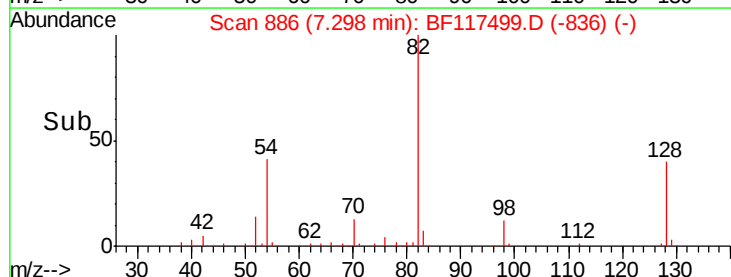
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		231975		
128	40.4	32.2	48.2		
54	40.8	34.2	51.2		

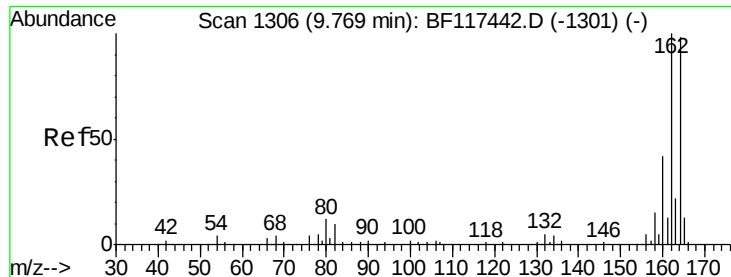


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





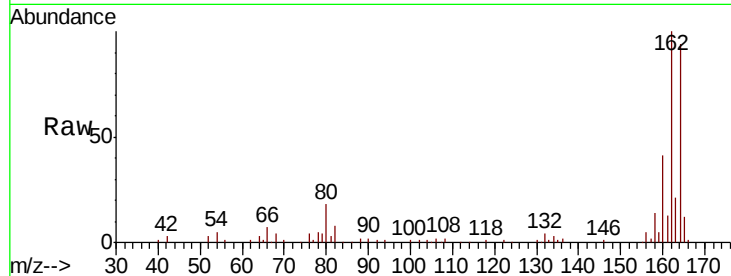
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Instrument :
BNA_F
ClientSampleId :
TP92-2FT

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	81.8	122.6
160	43.6	34.4	51.6

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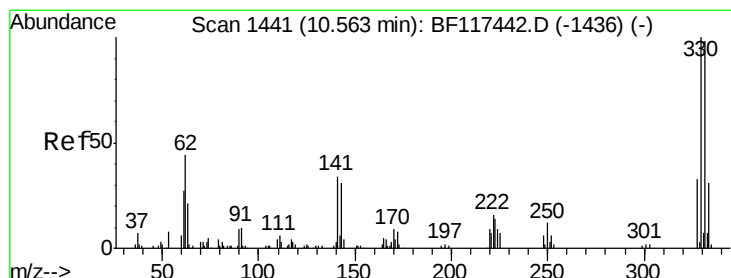
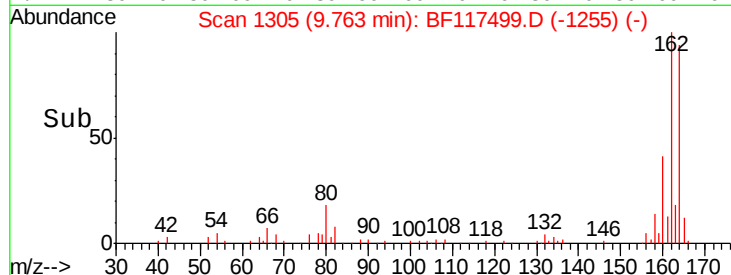
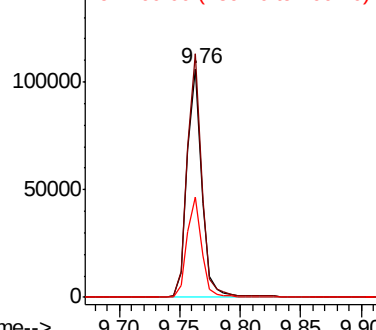


Abundance

Ion 164.00 (163.70 to 164.70): E

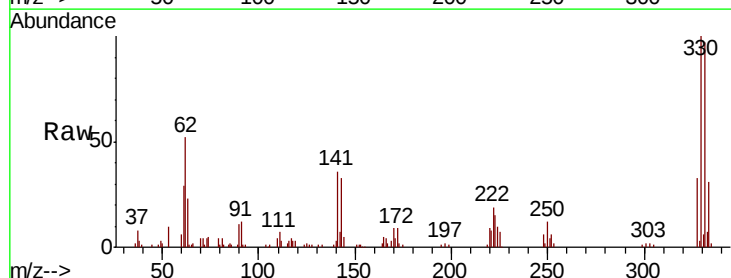
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 87.715 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.5	117.7
141	42.6	37.0	55.6

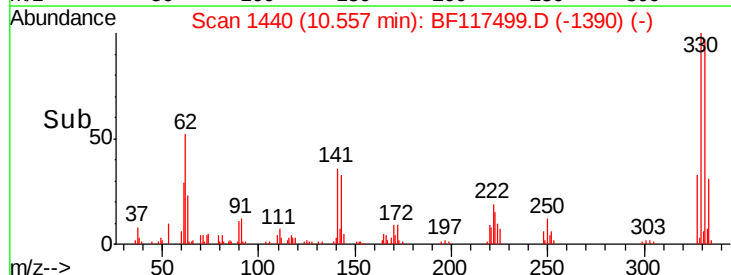
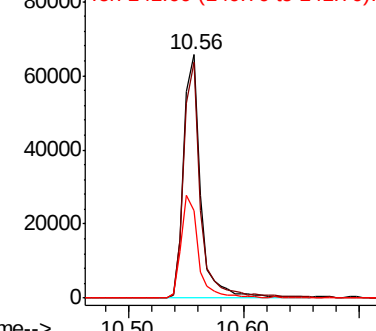


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





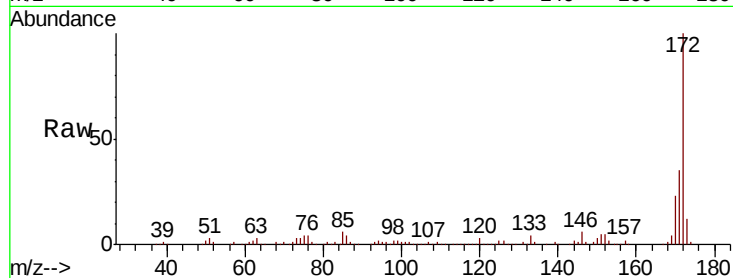
#45
2-Fluorobiphenyl
Concen: 58.058 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Instrument :
BNA_F
ClientSampleId :
TP92-2FT

Tot Ion	Ratio	Resp	Lower	Upper
172	100	368256		
171	34.5		27.5	41.3
170	22.5		18.6	27.8

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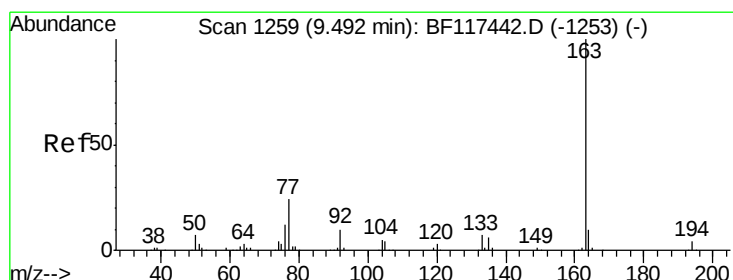
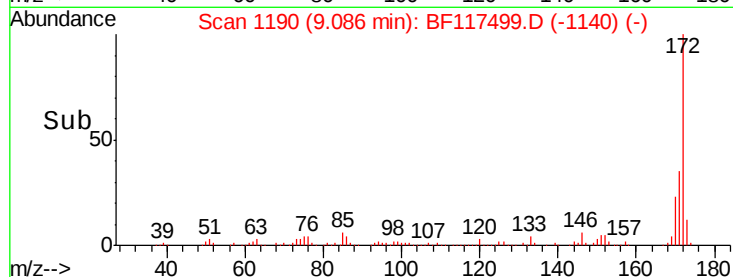
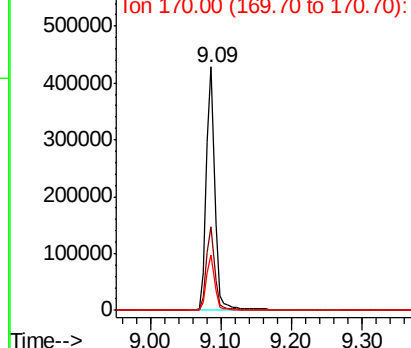


Abundance

Ion 172.00 (171.70 to 172.70): E

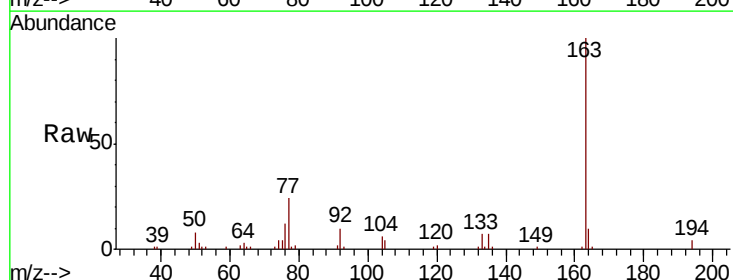
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 9.098 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	57963		
194	3.6		2.9	4.3
164	10.4		8.2	12.2

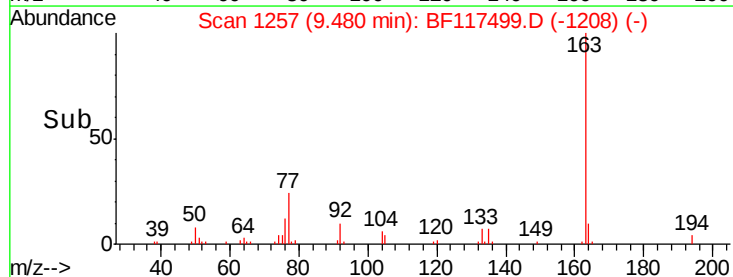
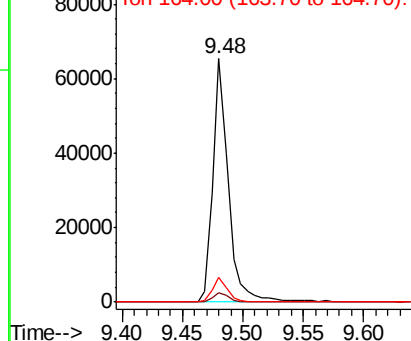


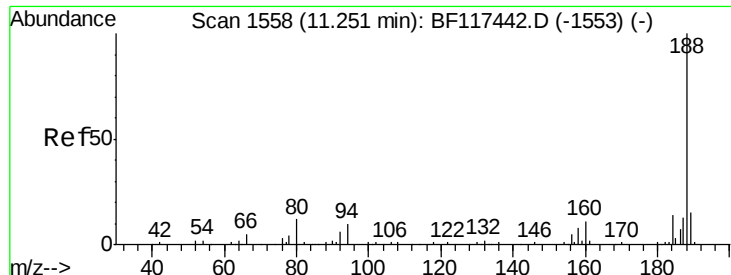
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





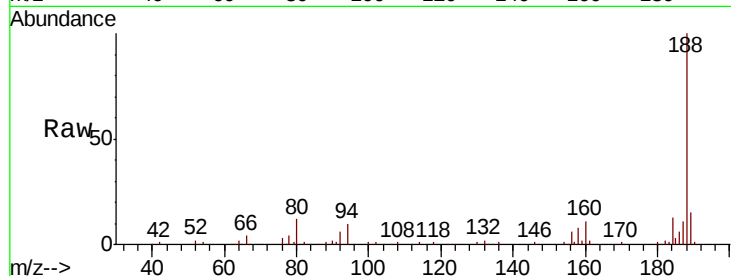
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Instrument :
BNA_F
ClientSampleId :
TP92-2FT

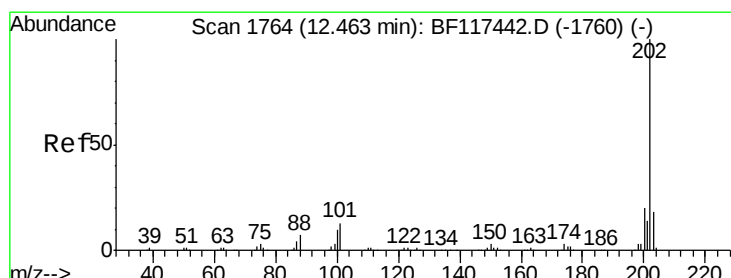
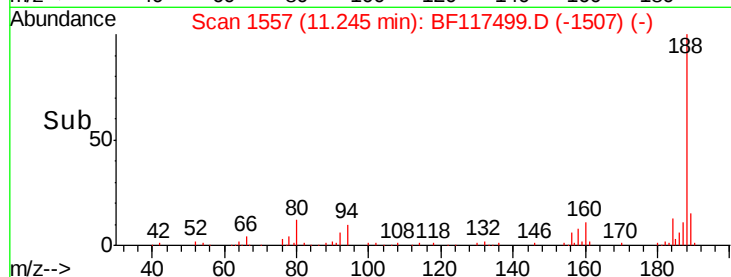
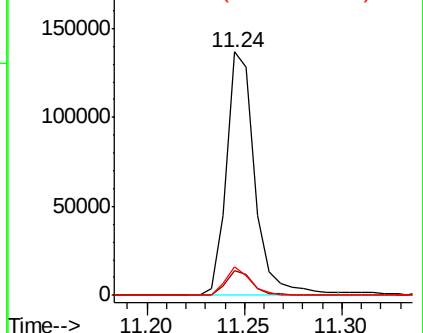
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.0	12.0
80	11.7	9.5	14.3

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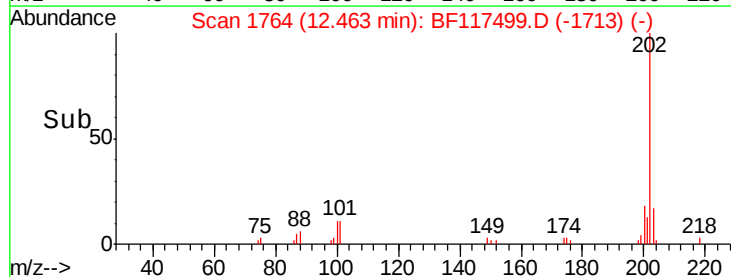
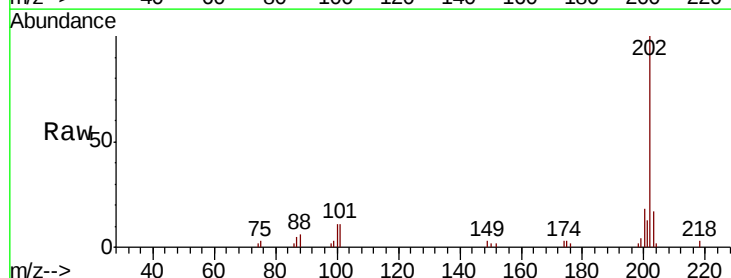
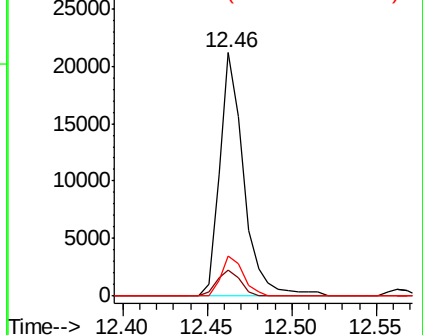
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

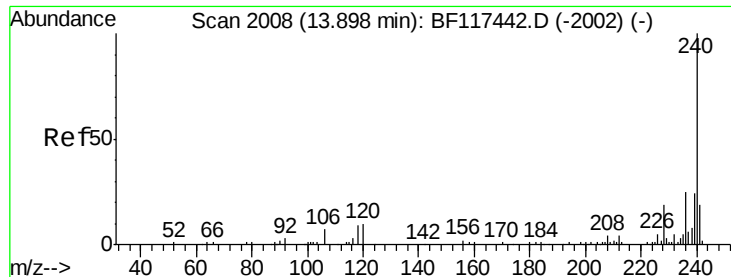


#75
Fluoranthene
Concen: 2.627 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	0.0	32.7
203	16.6	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





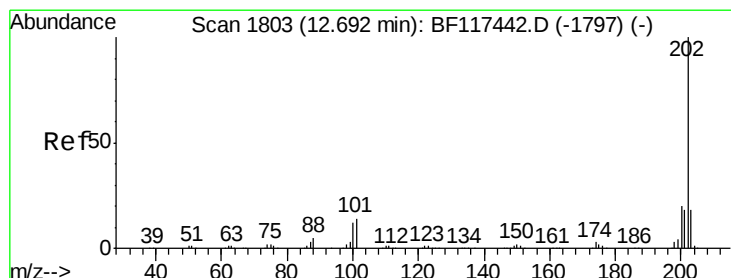
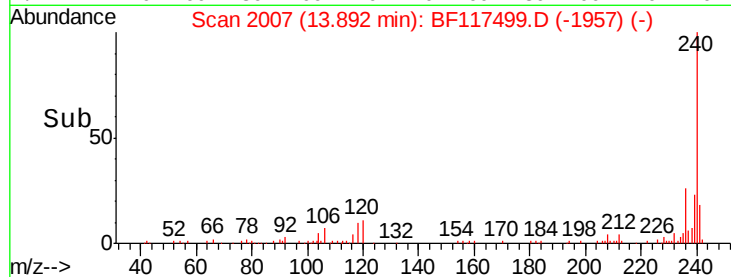
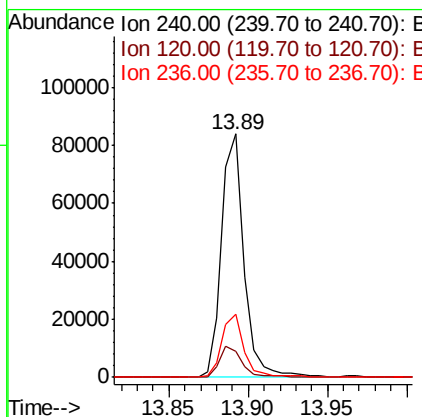
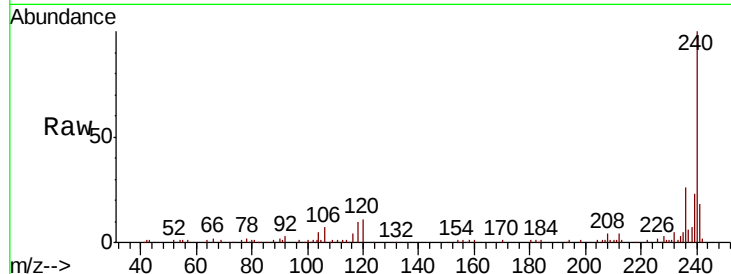
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Instrument :
BNA_F
ClientSampleId :
TP92-2FT

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	25.7	20.0	30.0

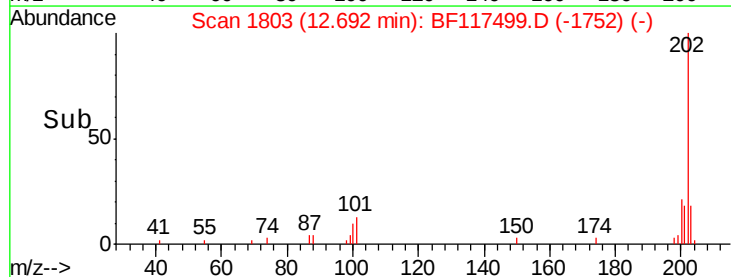
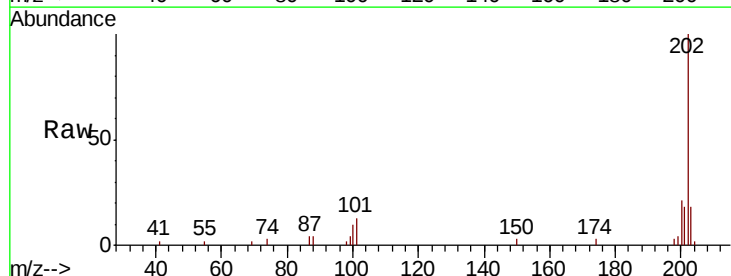
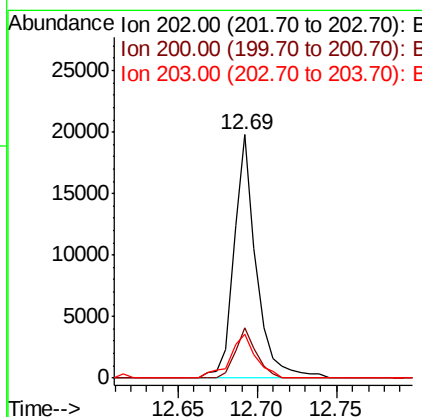
Manual Integrations
APPROVED

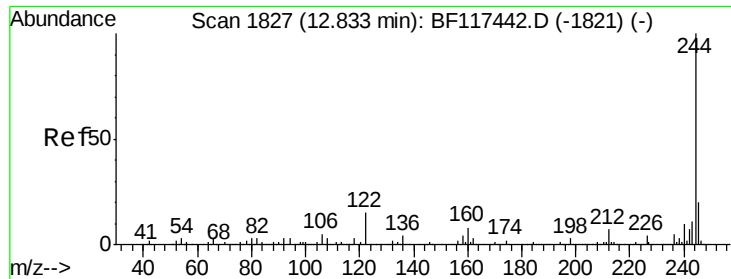
mohammad
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#78
Pyrene
Concen: 2.713 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.2
203	18.3	14.0	21.0





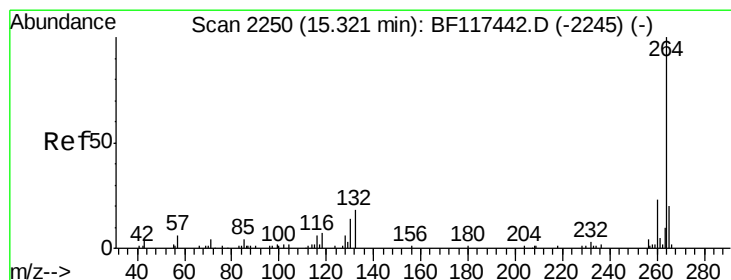
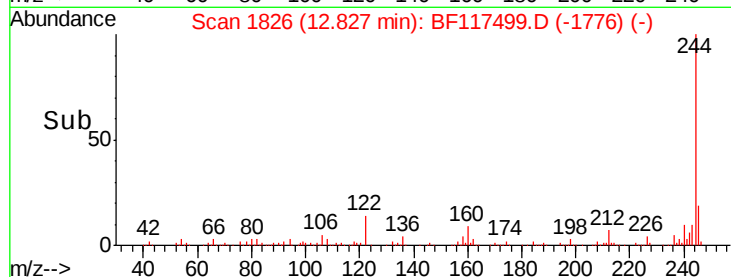
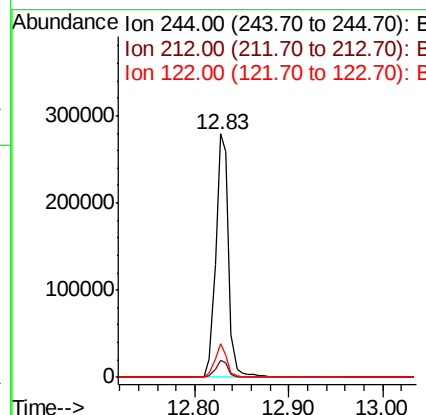
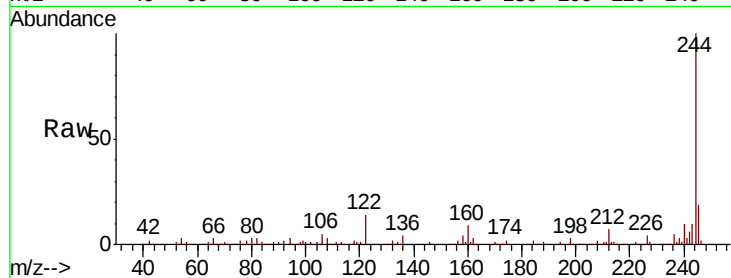
#79
 Terphenyl-d14
 Concen: 53.549 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117499.D
 Acq: 23 Oct 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 TP92-2FT

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	14.0	11.8	17.8

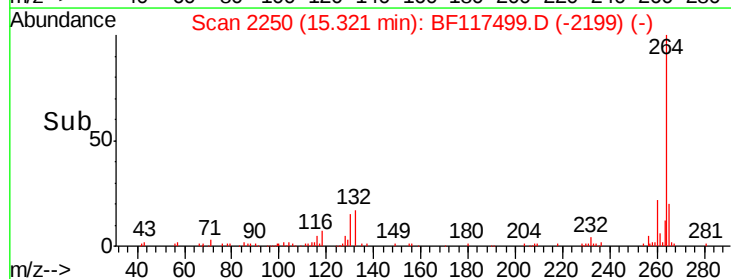
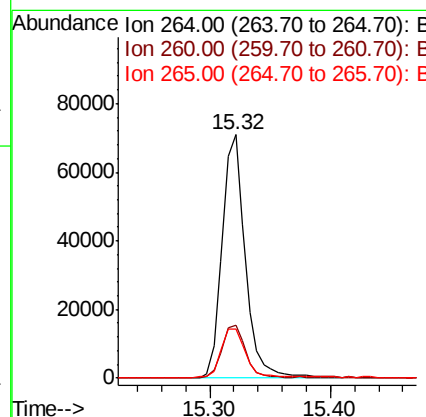
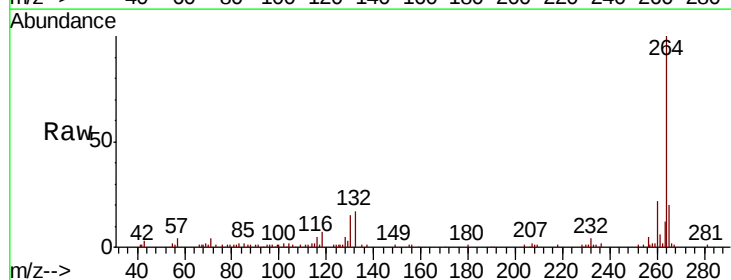
Manual Integrations
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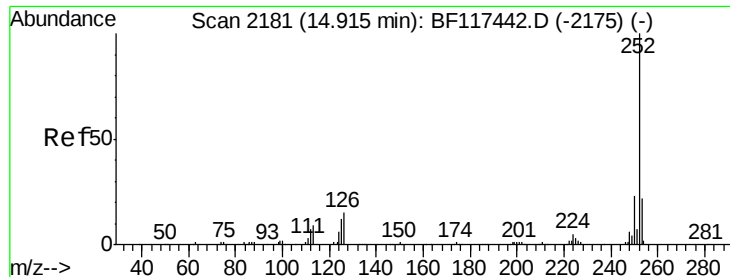
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BF117499.D
 Acq: 23 Oct 2019 22:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	19.9	16.1	24.1





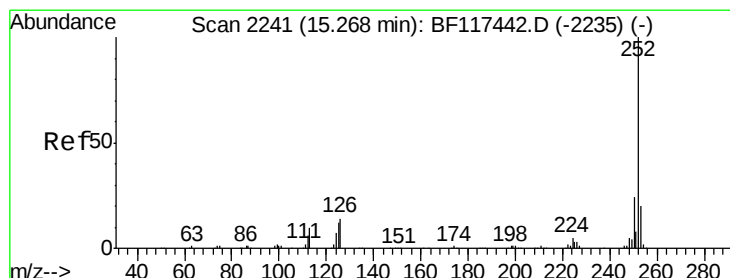
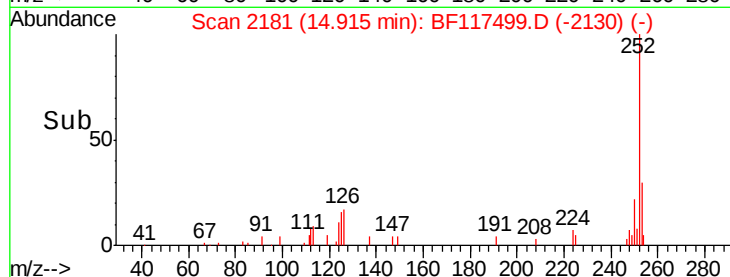
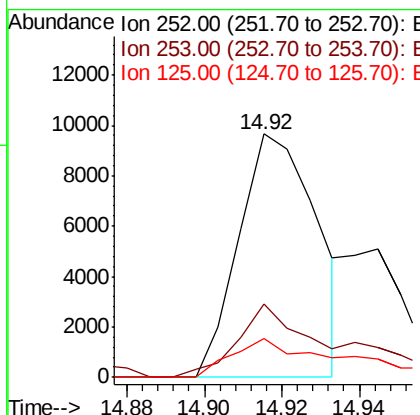
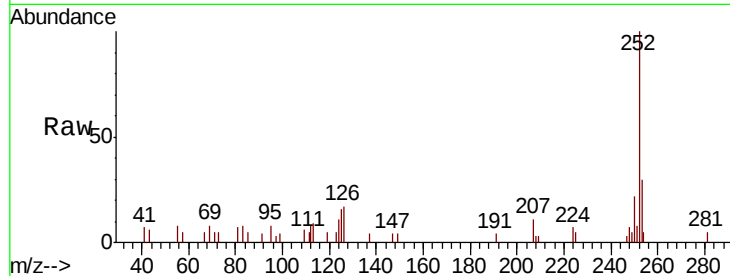
#88
Benzo(b)fluoranthene
Concen: 2.452 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Instrument :
BNA_F
ClientSampleId :
TP92-2FT

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.8	26.6#
125	15.8	9.9	14.9#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.051 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF117499.D
Acq: 23 Oct 2019 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.3	24.5
125	18.6	9.2	13.8#

