

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117591.D
 Acq On : 29 Oct 2019 15:24
 Operator : JU
 Sample : K5153-05RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-102419RE

Manual Integrations
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Quant Time: Oct 29 16:02:53 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	43759	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	164416	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	68552	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	96236	20.00	ng	0.00
76) Chrysene-d12	13.89	240	85258	20.00	ng	0.00
87) Perylene-d12	15.33	264	66527	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	152193	51.74	ng	0.00
7) Phenol-d6	6.38	99	207791	52.60	ng	0.00
23) Nitrobenzene-d5	7.29	82	123919	37.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	25926	43.71	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	177056	36.39	ng	-0.01
79) Terphenyl-d14	12.83	244	139400	26.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	26099	5.340	ng	98
71) Phenanthrene	11.27	178	14647	2.621	ng	95
75) Fluoranthene	12.47	202	23373	4.178	ng	99
78) Pyrene	12.69	202	23588	3.221	ng	96
81) Benzo(a)anthracene	13.88	228	11598	2.017	ng	100
88) Benzo(b)fluoranthene	14.92	252	12200m	3.106	ng	
90) Benzo(a)pyrene	15.27	252	7679	2.150	ng	# 79

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

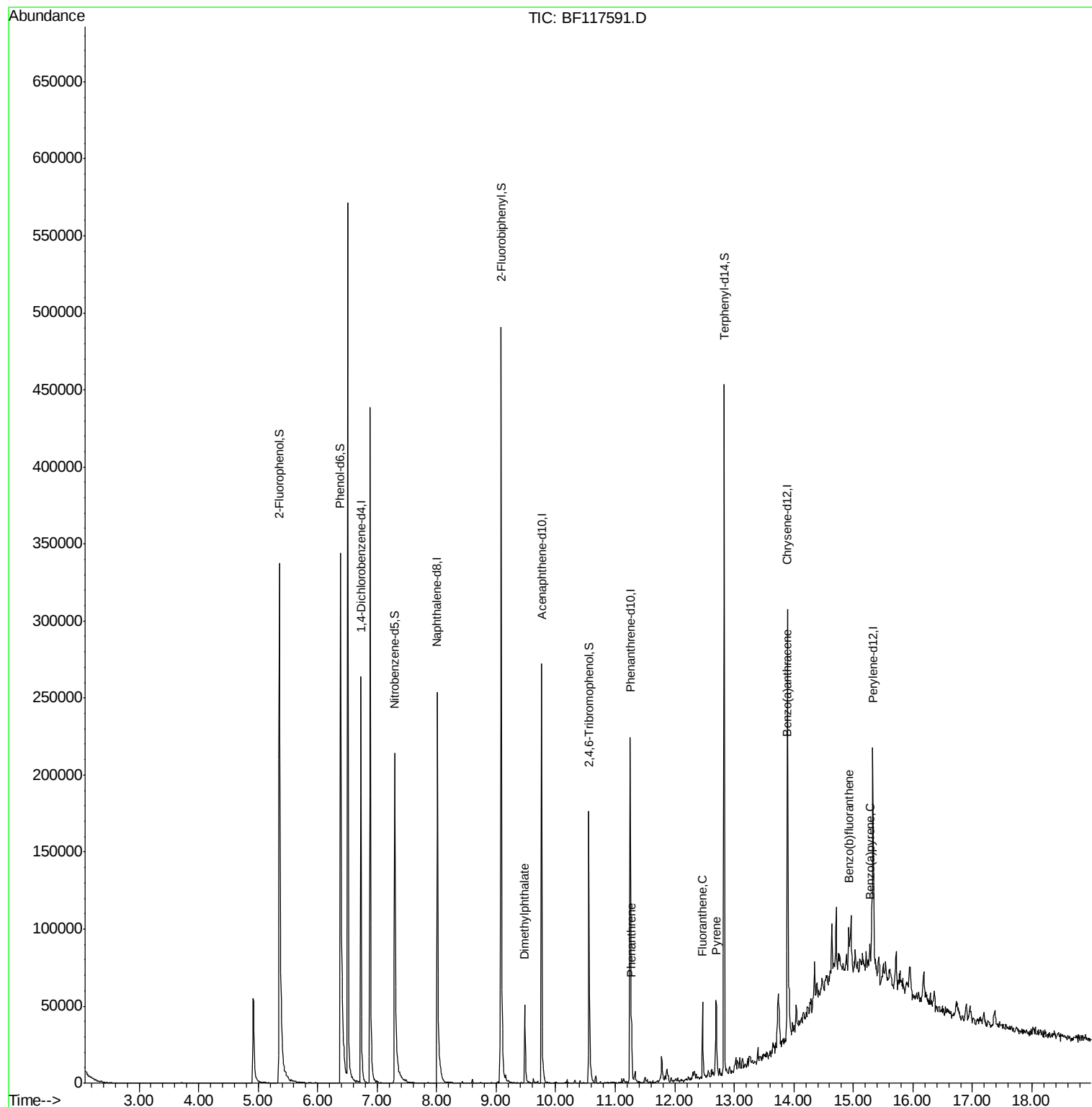
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117591.D
Acq On : 29 Oct 2019 15:24
Operator : JU
Sample : K5153-05RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

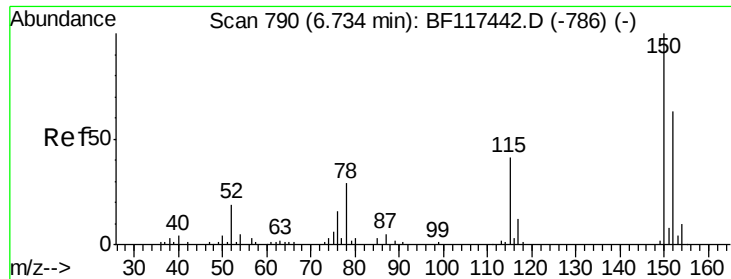
Instrument :
BNA_F
ClientSampleId :
TR-05-102419RE

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Quant Time: Oct 29 16:02:53 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





#1

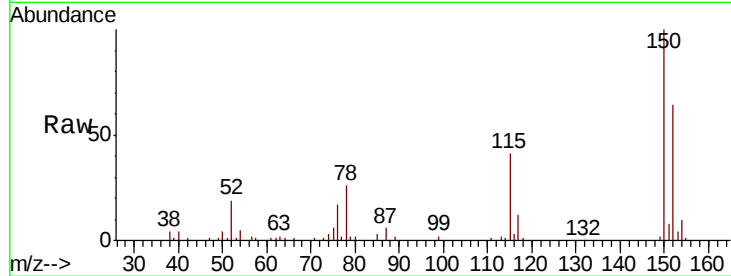
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117591.D
Acq: 29 Oct 2019 15:24

Instrument :
BNA_F
ClientSampleId :
TR-05-102419RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.8	190.2
115	64.0	51.6	77.4

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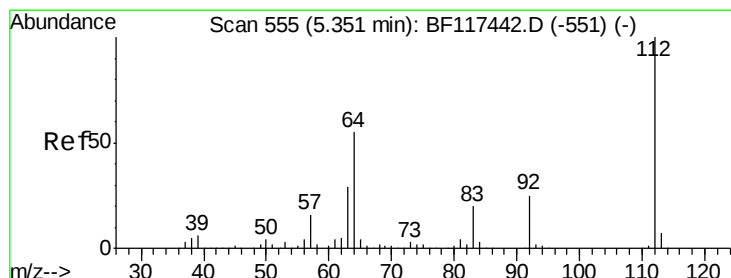
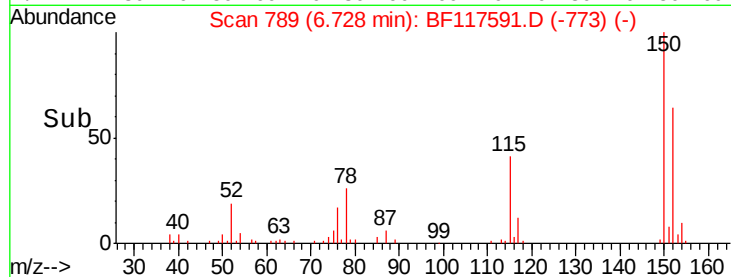
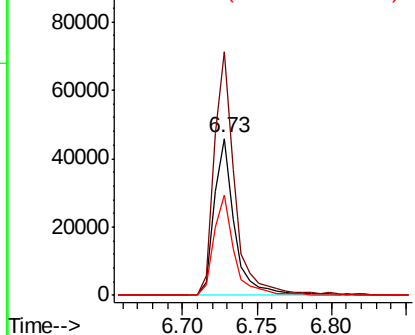


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

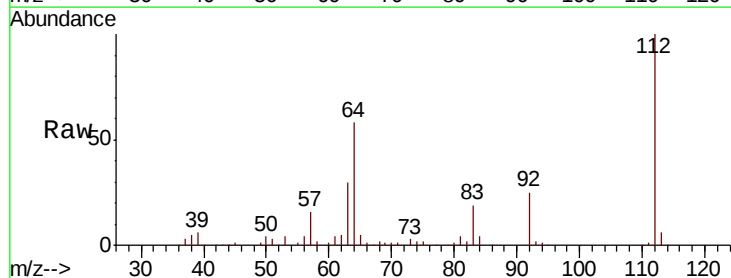
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.742 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117591.D
Acq: 29 Oct 2019 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	29.5	23.4	35.2

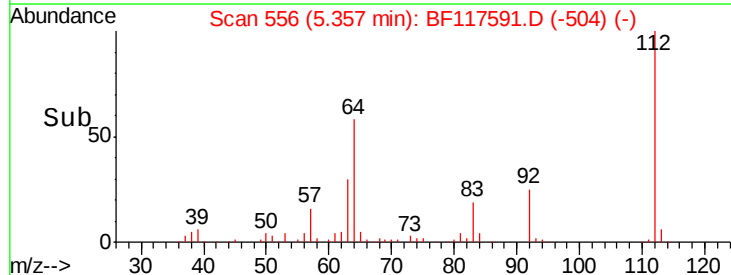
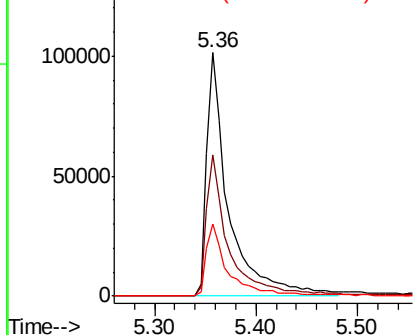


Abundance

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: 52.597 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117591.D

Acq: 29 Oct 2019 15:24

Instrument :

BNA_F

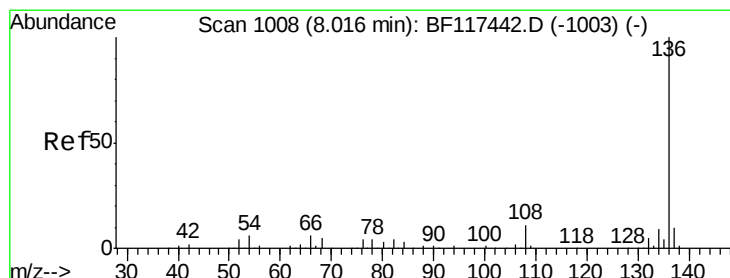
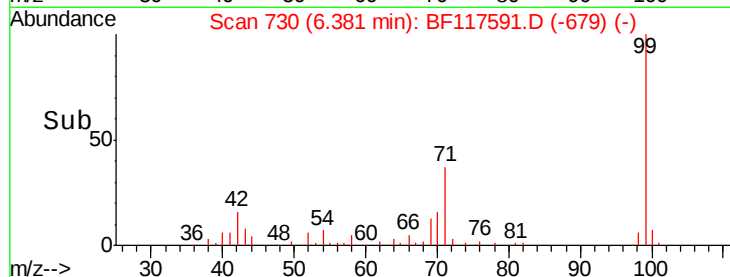
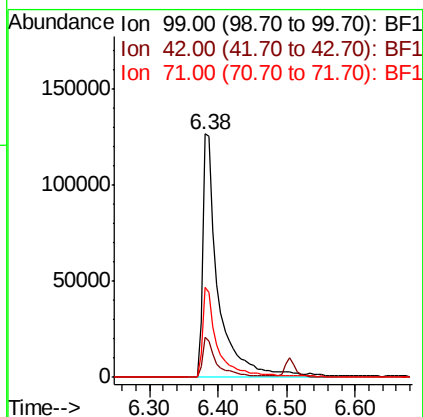
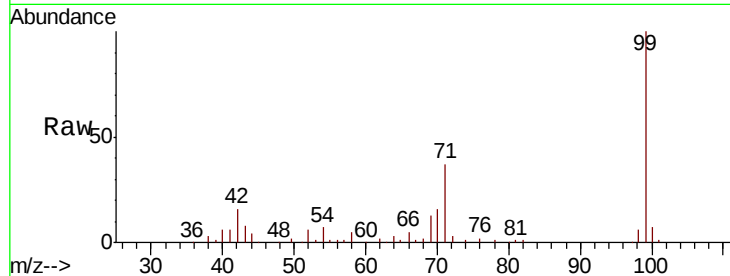
ClientSampleId :

TR-05-102419RE

Tot Ion:	99	Resp:	207791
Ion Ratio	Lower	Upper	
99	100		
42	16.3	12.8	19.2
71	37.0	28.6	43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

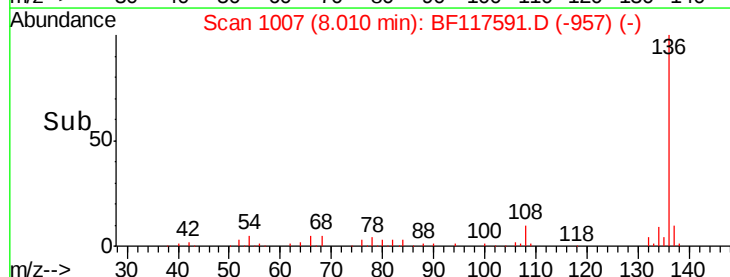
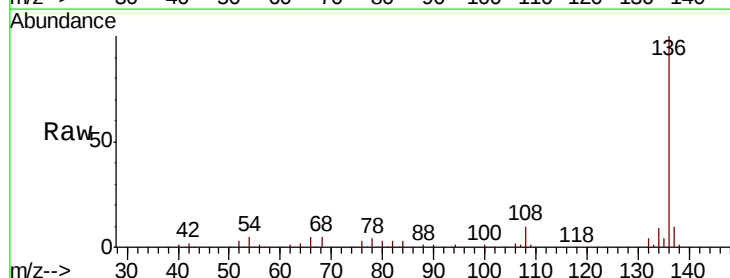
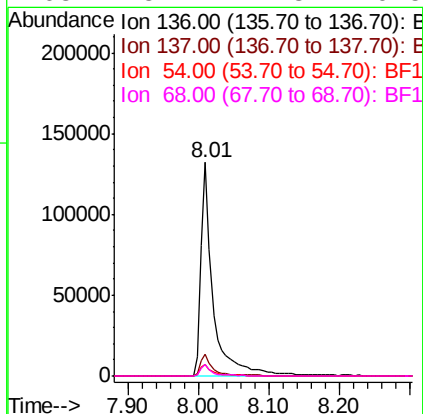
RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117591.D

Acq: 29 Oct 2019 15:24

Tgt Ion:	136	Resp:	164416
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.2	12.4
54	5.5	4.5	6.7
68	5.2	4.3	6.5





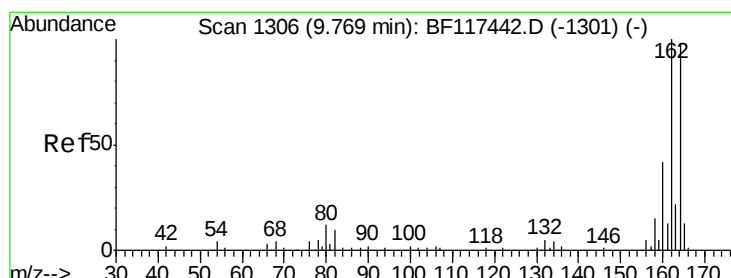
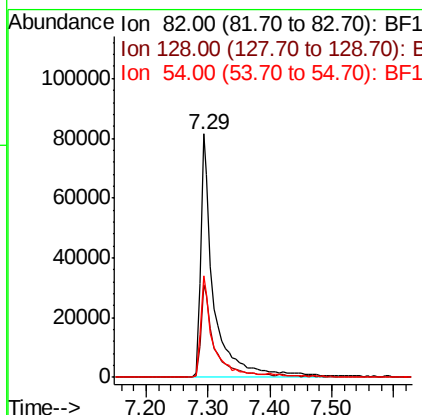
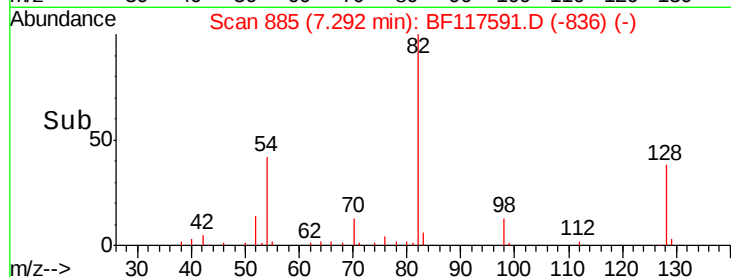
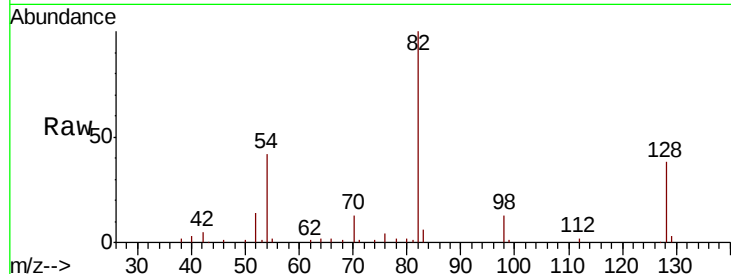
#23
Nitrobenzene-d5
Concen: 37.208 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117591.D
Acq: 29 Oct 2019 15:24

Instrument :
BNA_F
ClientSampleId :
TR-05-102419RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.1	32.2	48.2
54	41.6	34.2	51.2

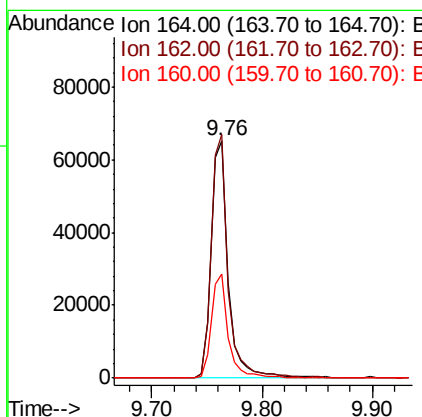
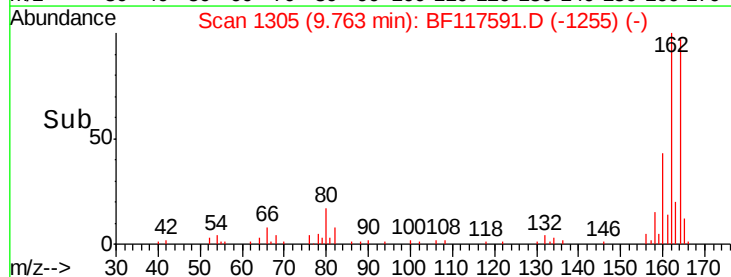
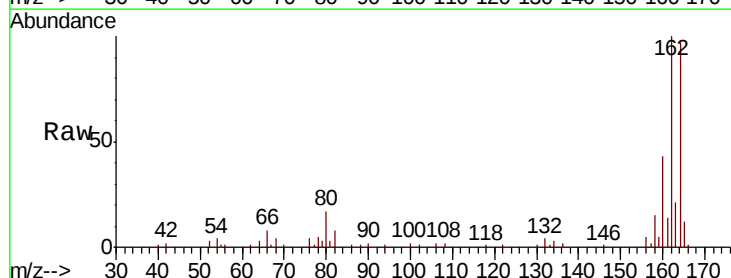
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117591.D
Acq: 29 Oct 2019 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	43.8	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 43.709 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117591.D

Acq: 29 Oct 2019 15:24

Instrument :

BNA_F

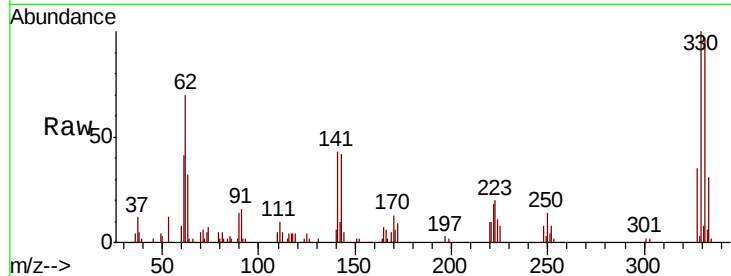
ClientSampleId :

TR-05-102419RE

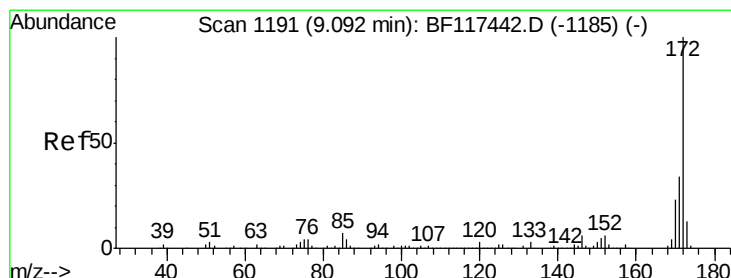
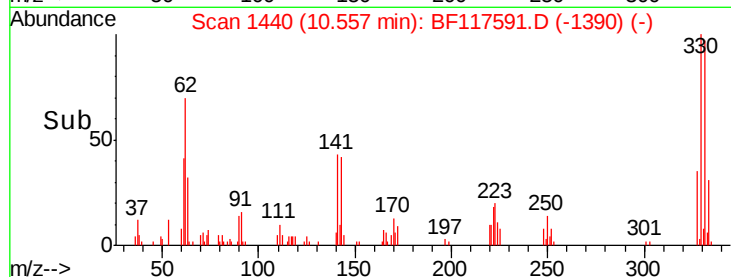
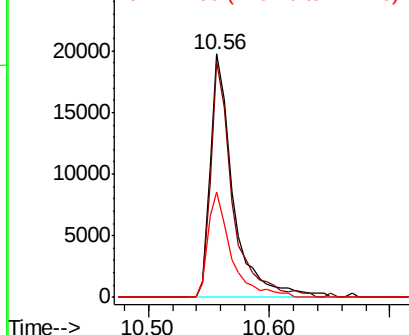
Tot Ion:	330	Resp:	25926
Ion Ratio	Lower	Upper	
330	100		
332	92.6	78.5	117.7
141	43.5	37.0	55.6

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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: 36.391 ng

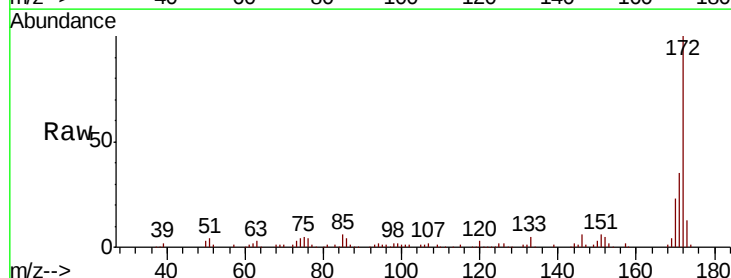
RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

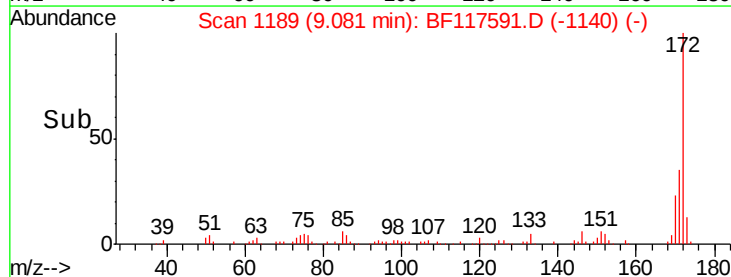
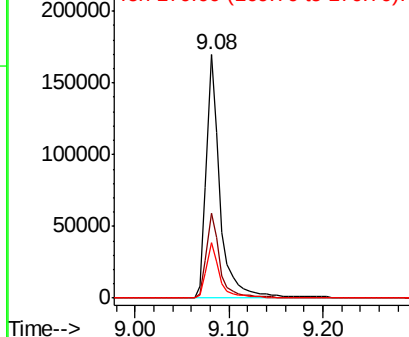
Lab File: BF117591.D

Acq: 29 Oct 2019 15:24

Tgt Ion:	172	Resp:	177056
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.5	41.3
170	22.8	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





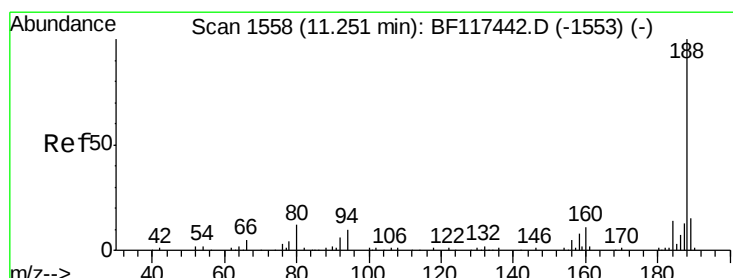
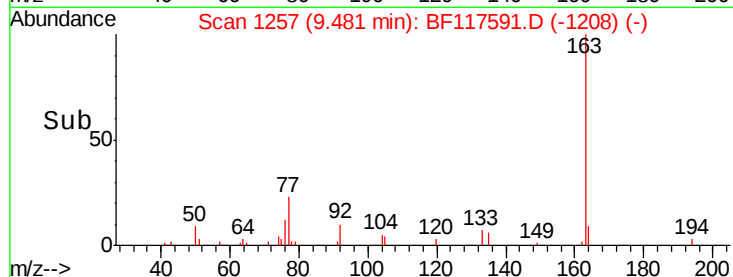
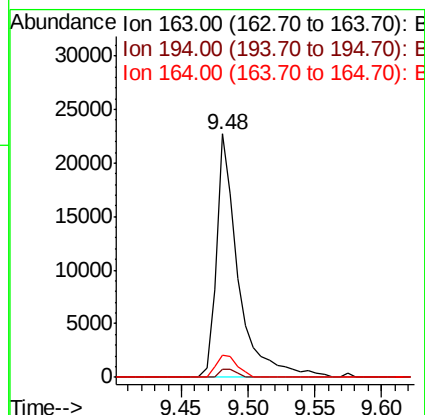
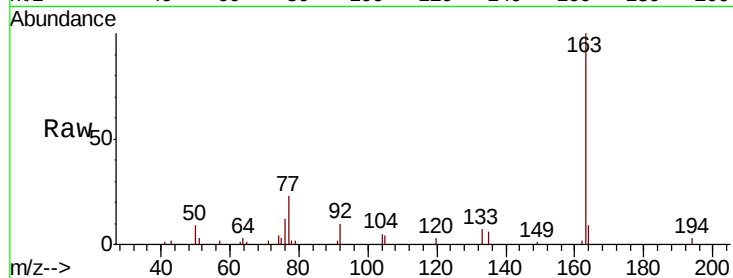
#50
Dimethylphthalate
Concen: 5.340 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117591.D
Acq: 29 Oct 2019 15:24

Instrument :
BNA_F
ClientSampleId :
TR-05-102419RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.4	8.2	12.2

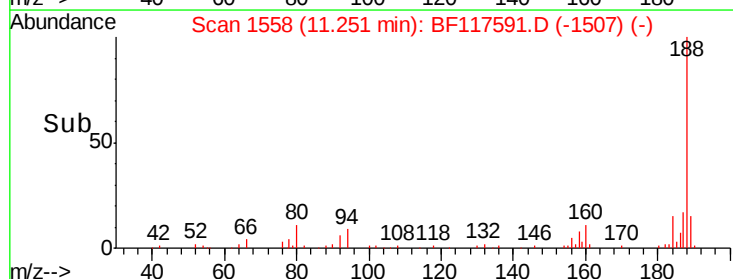
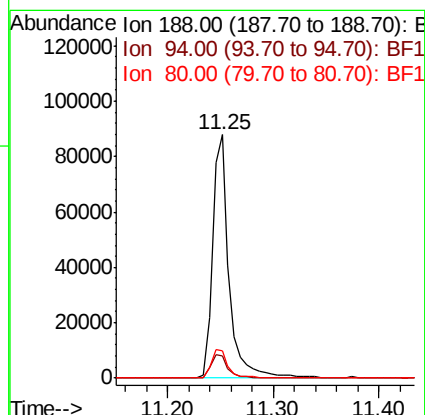
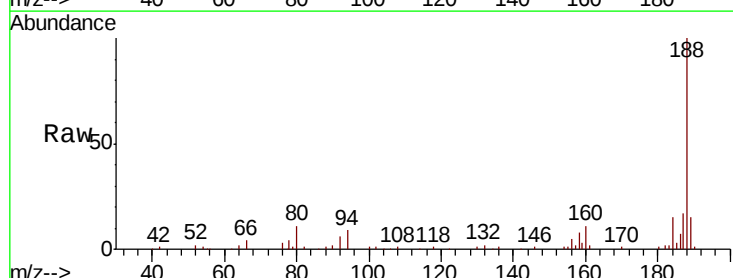
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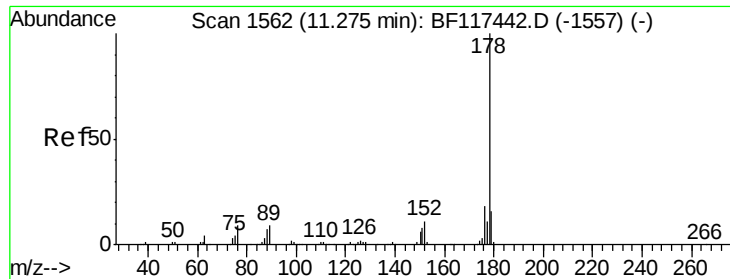
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117591.D
Acq: 29 Oct 2019 15:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	11.0	9.5	14.3





#71

Phenanthrene

Concen: 2.621 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF117591.D

Acq: 29 Oct 2019 15:24

Instrument :

BNA_F

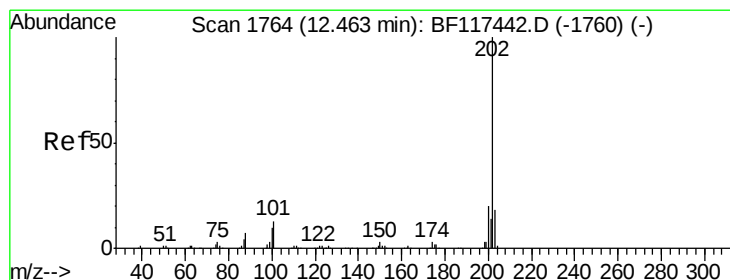
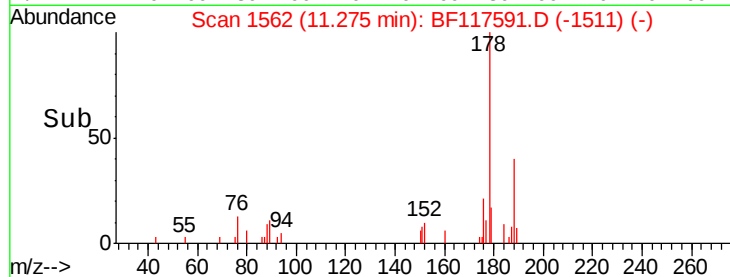
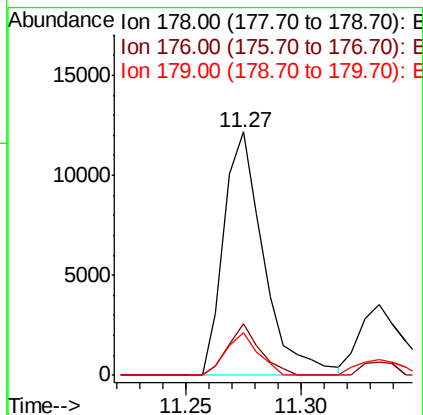
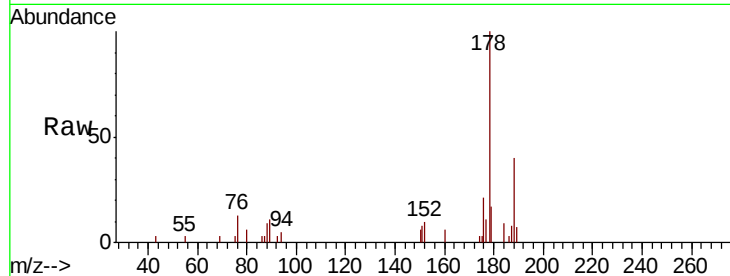
ClientSampleId :

TR-05-102419RE

Tot Ion:	178	Resp:	14647
Ion	Ratio	Lower	Upper
178	100		
176	21.0	14.6	22.0
179	17.5	12.6	19.0

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#75

Fluoranthene

Concen: 4.178 ng

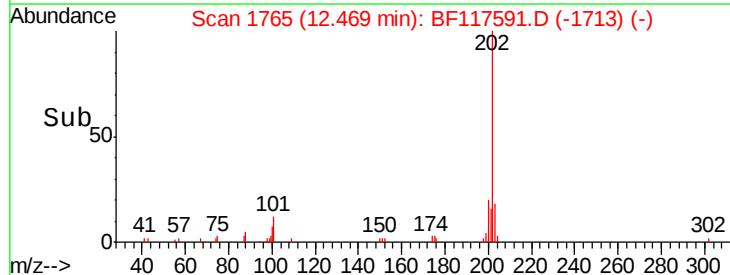
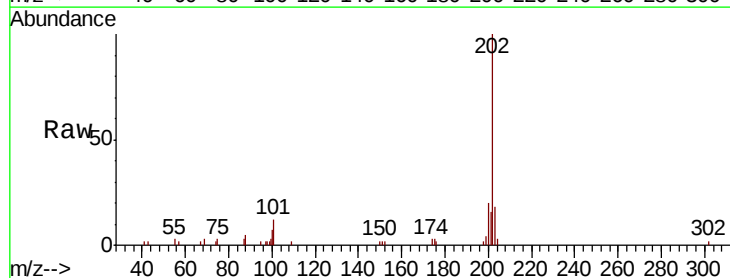
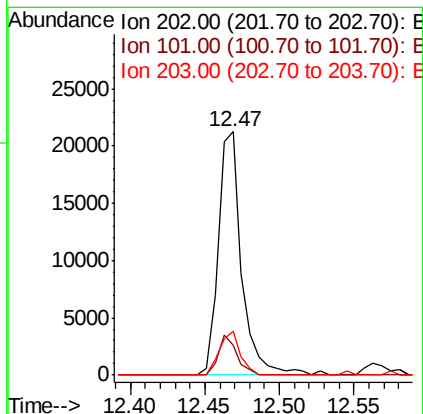
RT: 12.47 min Scan# 1765

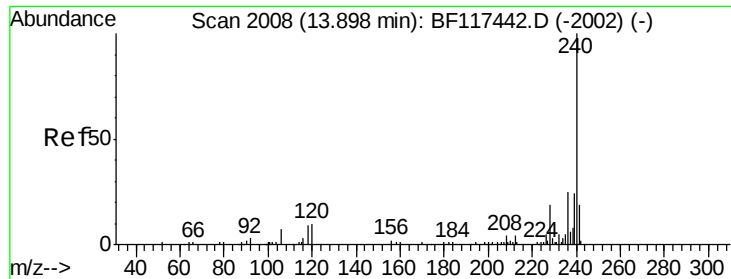
Delta R.T. 0.01 min

Lab File: BF117591.D

Acq: 29 Oct 2019 15:24

Tgt Ion:	202	Resp:	23373
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.7
203	18.0	0.0	37.6





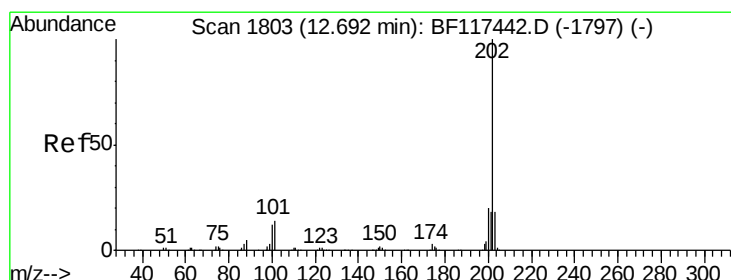
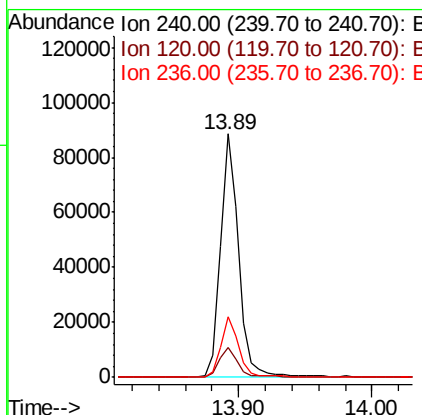
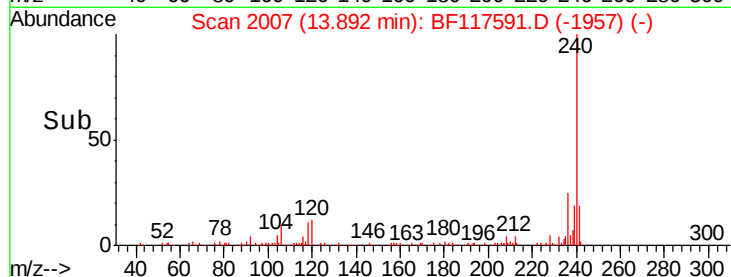
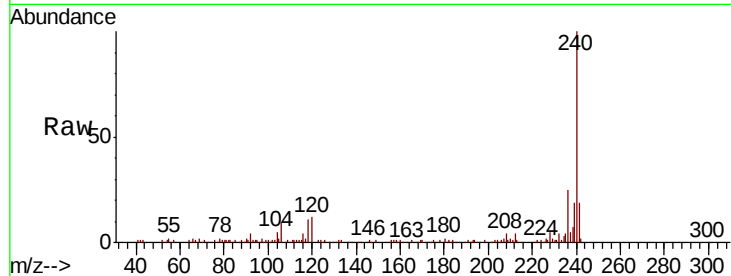
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117591.D
Acq: 29 Oct 2019 15:24

Instrument :
BNA_F
ClientSampleId :
TR-05-102419RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.4	12.6
236	24.8	20.0	30.0

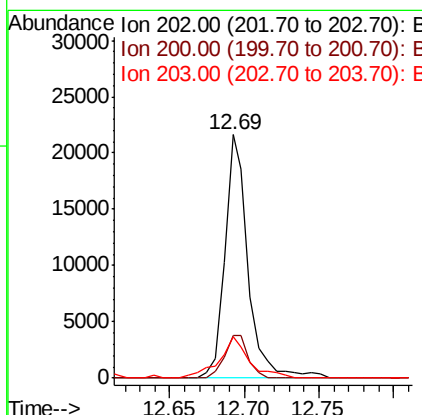
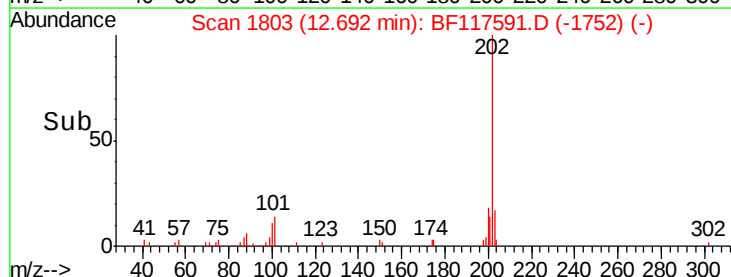
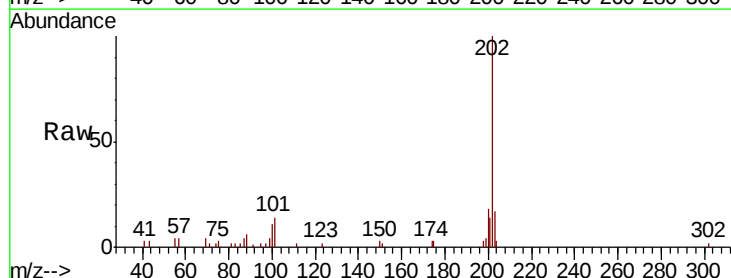
Manual Integrations
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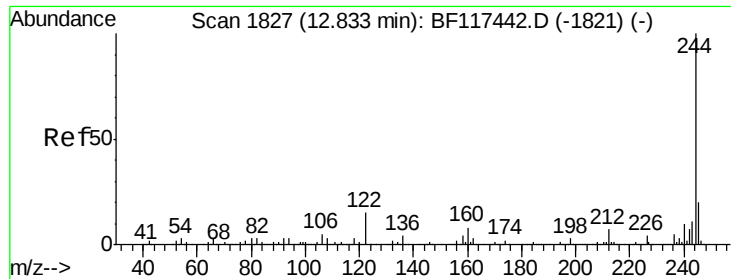
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#78
Pyrene
Concen: 3.221 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117591.D
Acq: 29 Oct 2019 15:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	17.5	16.2	24.2
203	17.1	14.0	21.0





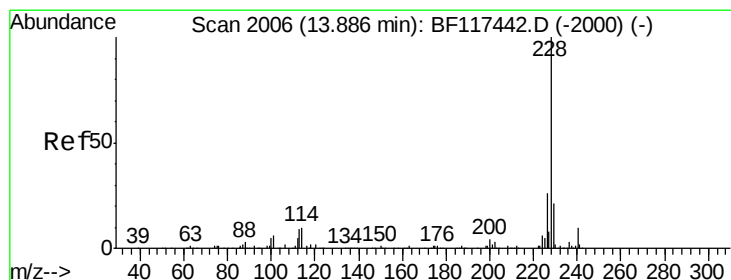
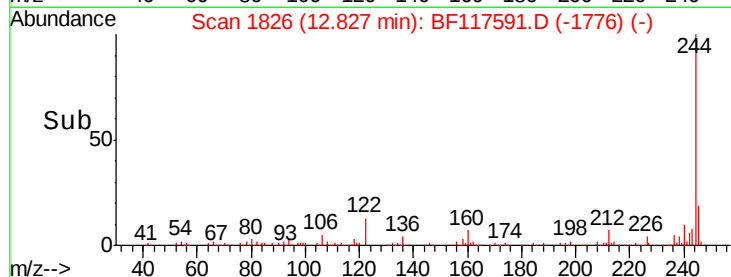
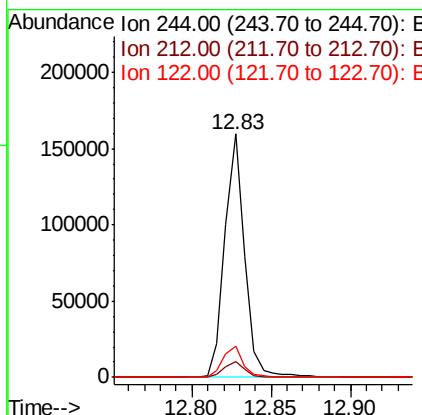
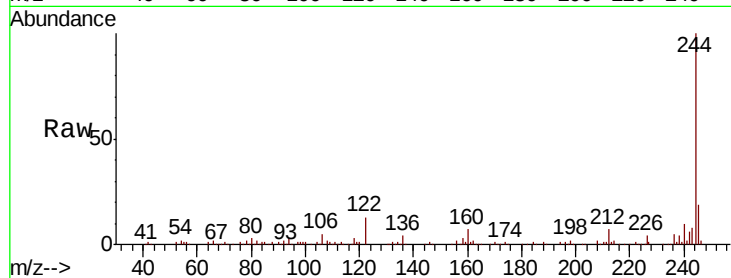
#79
 Terphenyl-d14
 Concen: 26.669 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117591.D
 Acq: 29 Oct 2019 15:24

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-102419RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.8	11.8	17.8

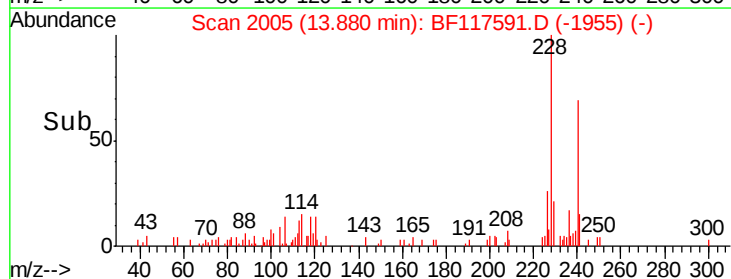
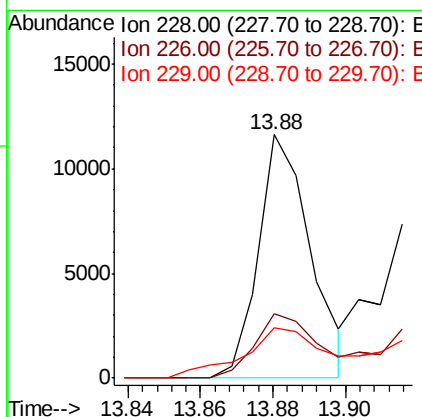
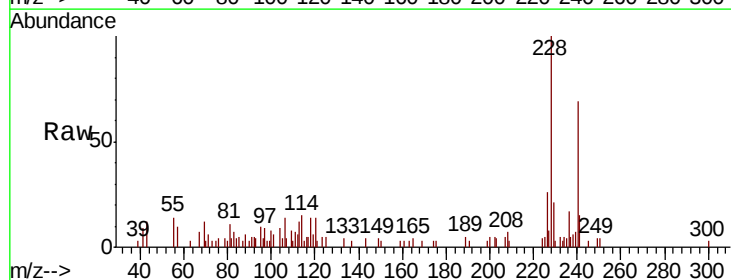
Manual Integrations
 APPROVED

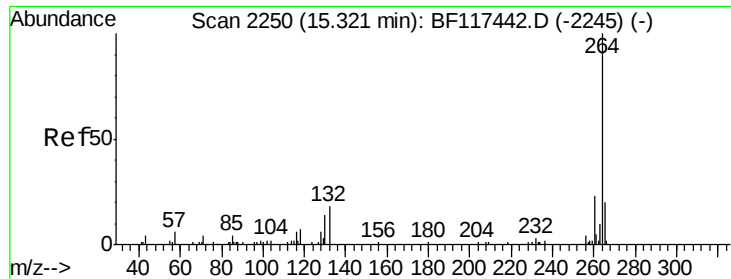
mohammad
 10/30/2019 4:53:01 PM



#81
 Benzo(a)anthracene
 Concen: 2.017 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF117591.D
 Acq: 29 Oct 2019 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.0	31.4
229	20.5	16.4	24.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF117591.D

Acq: 29 Oct 2019 15:24

Instrument :

BNA_F

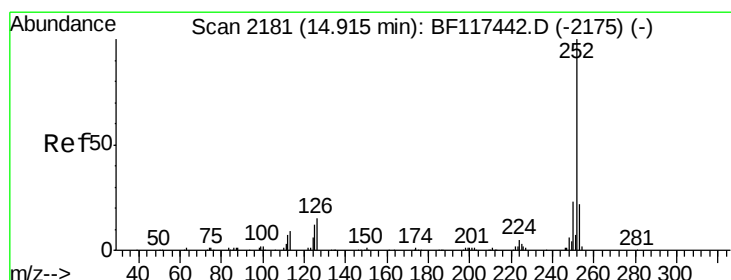
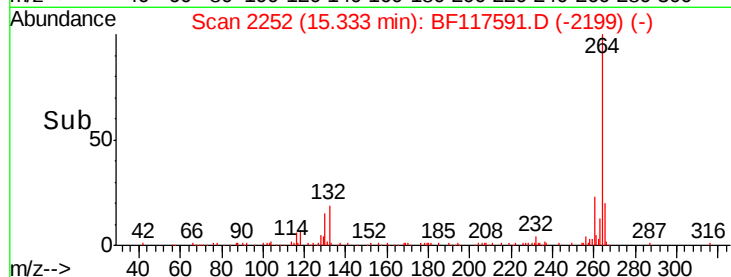
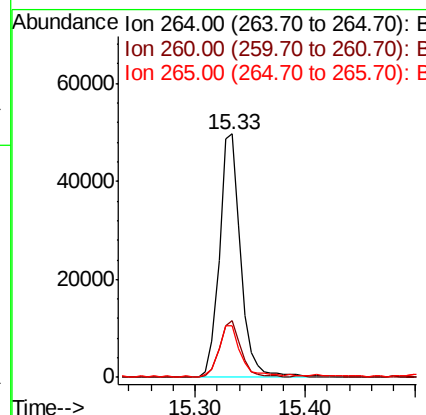
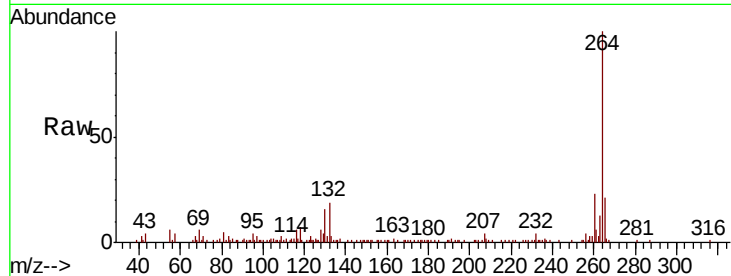
ClientSampleId :

TR-05-102419RE

Tot Ion:	264	Resp:	66527
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.4	27.6
265	21.0	16.1	24.1

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#88

Benzo(b)fluoranthene

Concen: 3.106 ng m

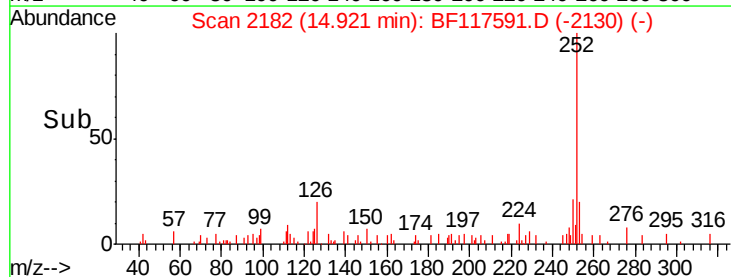
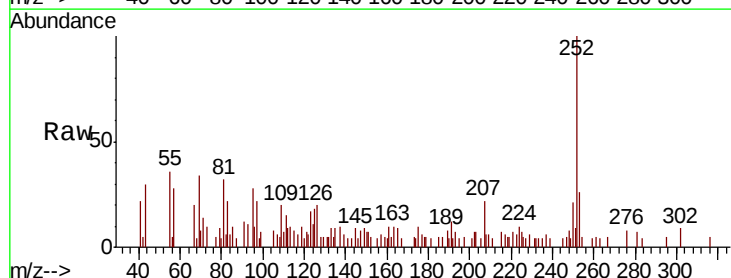
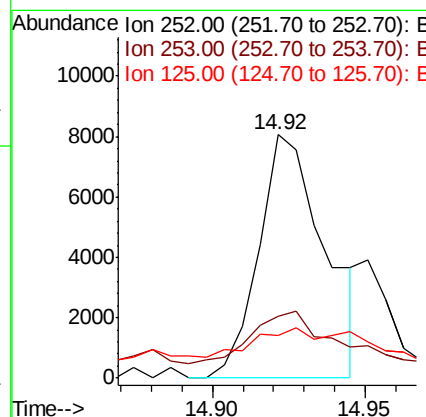
RT: 14.92 min Scan# 2182

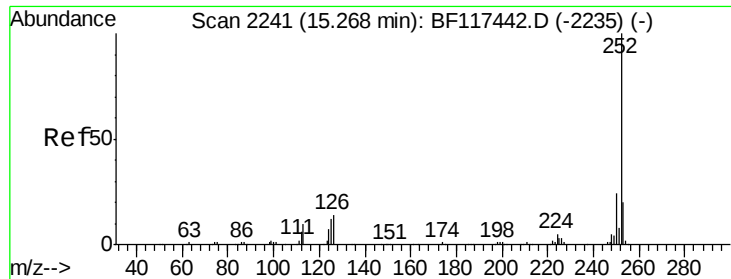
Delta R.T. 0.01 min

Lab File: BF117591.D

Acq: 29 Oct 2019 15:24

Tgt Ion:	252	Resp:	12200
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.8	26.6
125	17.6	9.9	14.9#





#90
 Benzo(a)pyrene
 Concen: 2.150 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: BF117591.D
 Acq: 29 Oct 2019 15:24

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-102419RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	16.3	24.5#
125	24.0	9.2	13.8#

Manual Integrations
 APPROVED

mohammad
 10/30/2019 4:53:01 PM

