

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115234.D
 Acq On : 27 Jun 2019 14:21
 Operator : HP/JU
 Sample : K3509-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-B

Manual Integrations
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Quant Time: Jun 28 05:31:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	216398	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	822043	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	403444	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	783906	20.00	ng	0.00
76) Chrysene-d12	13.71	240	675528	20.00	ng	0.00
87) Perylene-d12	15.08	264	717850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1227451	87.53	ng	0.00
7) Phenol-d6	6.24	99	1523106	89.49	ng	0.00
23) Nitrobenzene-d5	7.15	82	903037	67.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.40	330	415430	97.65	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1727281	72.72	ng	0.00
79) Terphenyl-d14	12.68	244	1969854	62.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.35	163	341594	11.508	ng	99
75) Fluoranthene	12.30	202	114981	2.730	ng	96
78) Pyrene	12.52	202	144196	2.778	ng	98
88) Benzo(b)fluoranthene	14.70	252	140836m	3.144	ng	
90) Benzo(a)pyrene	15.02	252	98647	2.443	ng	# 93

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

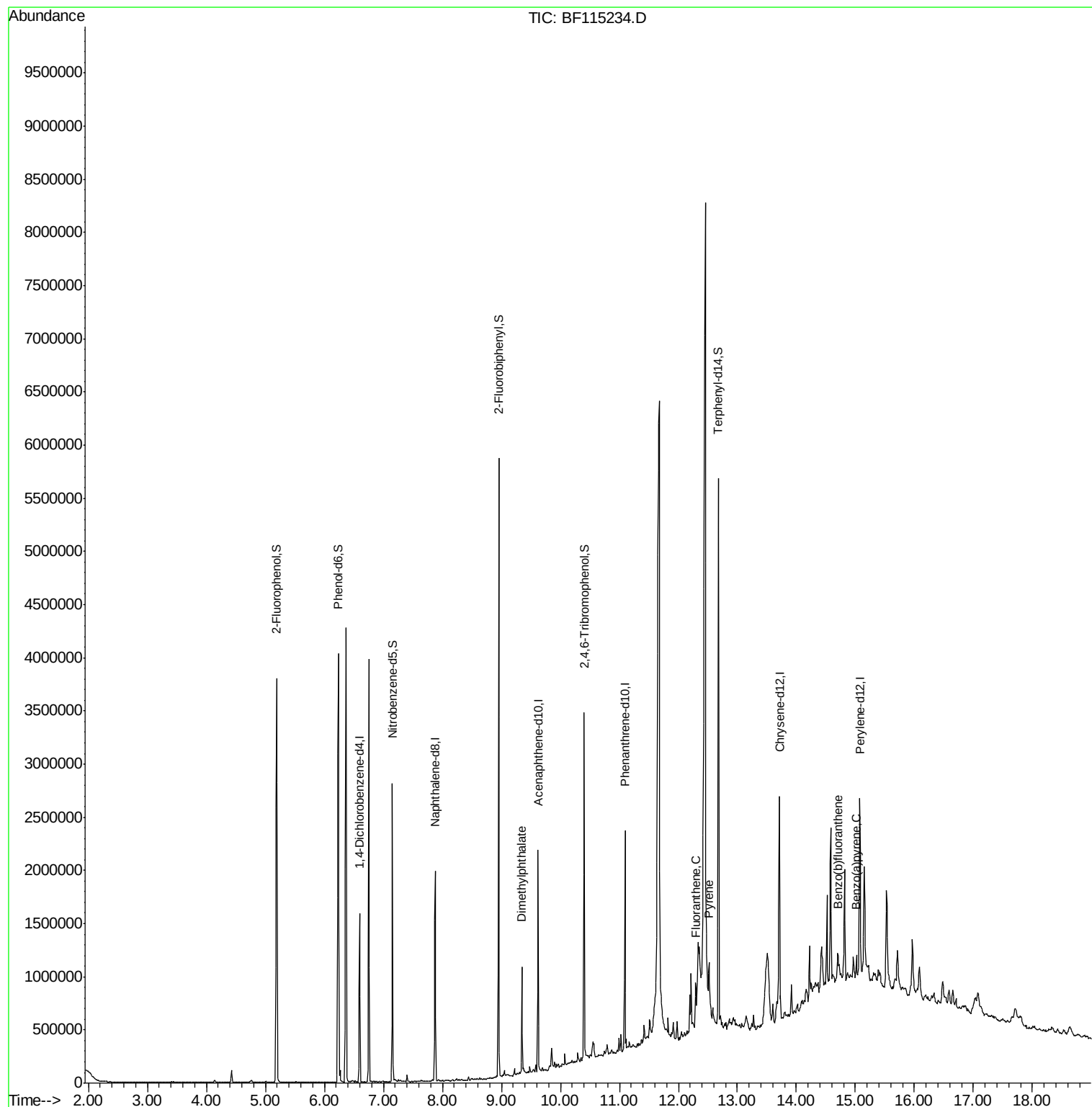
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
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ALS Vial : 9 Sample Multiplier: 1

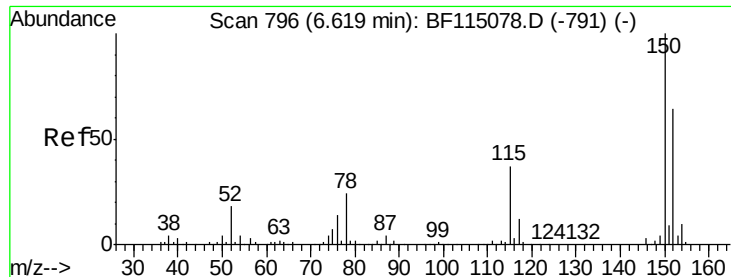
Instrument :
BNA_F
ClientSampleId :
SA-06-062619-B

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QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration





#1

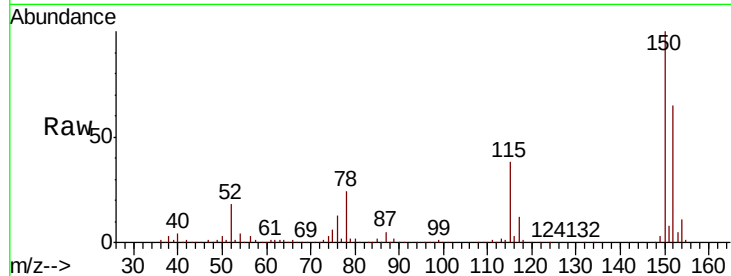
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115234.D
Acq: 27 Jun 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.2	186.2
115	58.0	46.1	69.1

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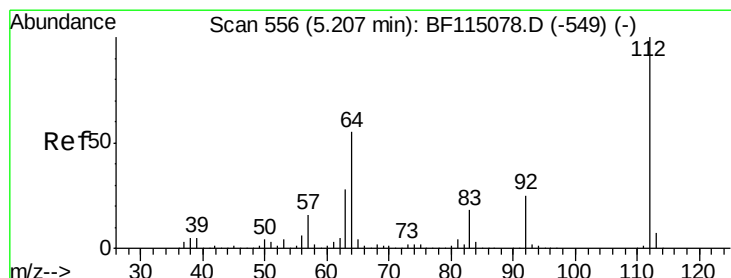
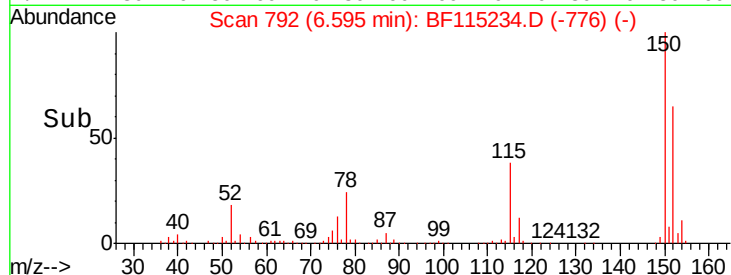
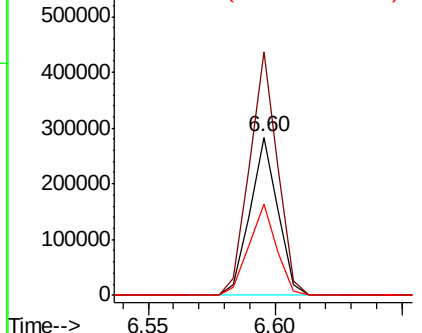


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

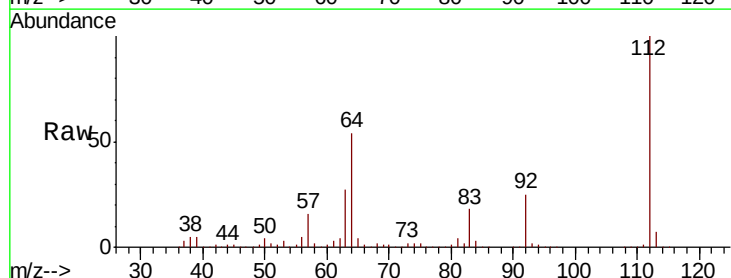
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.532 ng
RT: 5.19 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF115234.D
Acq: 27 Jun 2019 14:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.8	65.6
63	27.3	22.2	33.4

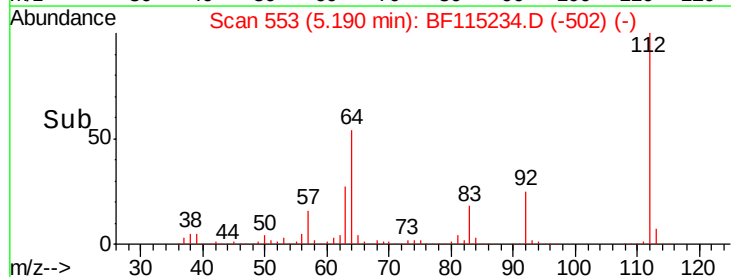
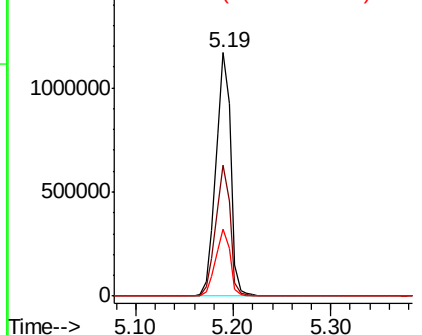


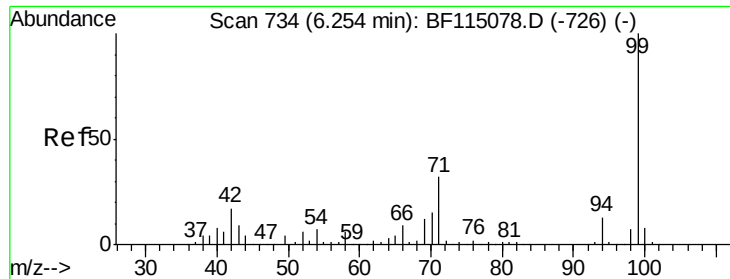
Abundance

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: 89.487 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115234.D

Acq: 27 Jun 2019 14:21

Instrument :

BNA_F

ClientSampleId :

SA-06-062619-B

Tot Ion: 99 Resp: 1523106

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

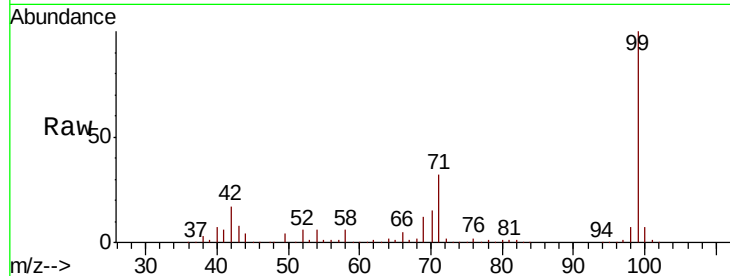
71 32.5 25.5 38.3

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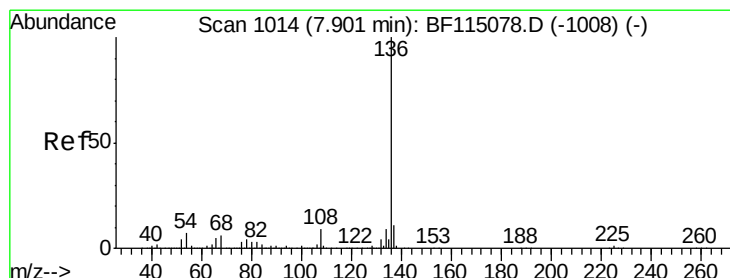
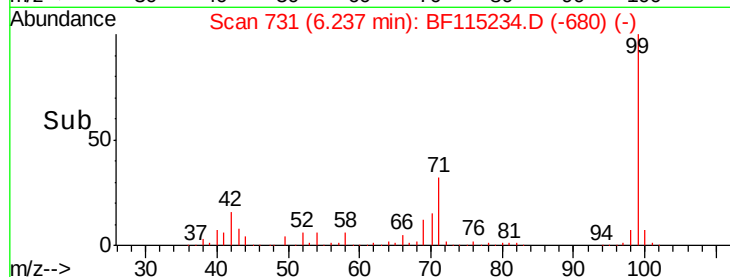
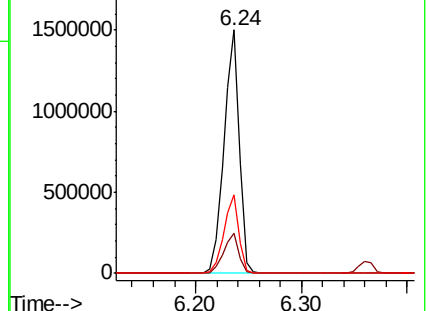
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115234.D

Acq: 27 Jun 2019 14:21

Tgt Ion: 136 Resp: 822043

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 5.6 8.4

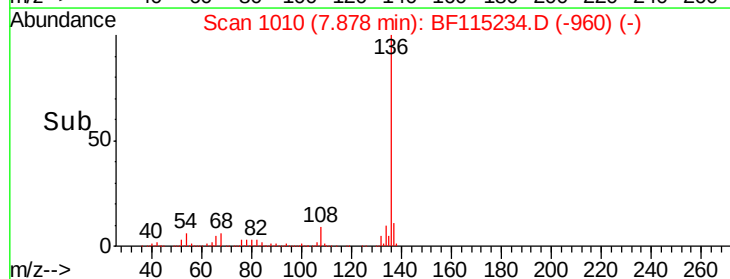
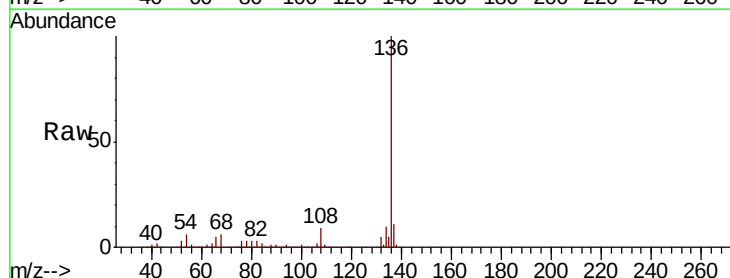
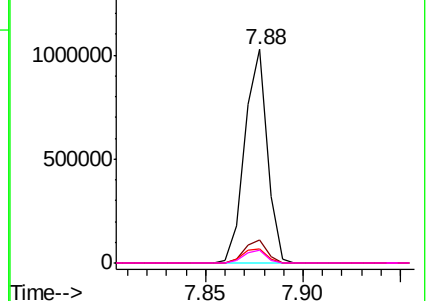
68 5.7 4.8 7.2

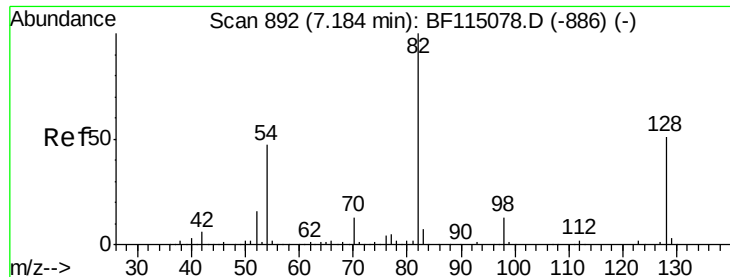
Abundance Ion 136.00 (135.70 to 136.70): E

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





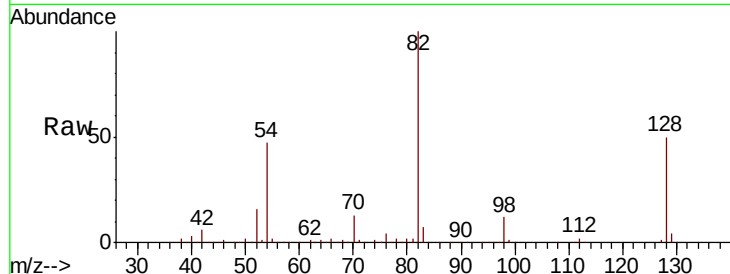
#23
Nitrobenzene-d5
Concen: 67.576 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115234.D
Acq: 27 Jun 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.4	60.6
54	46.9	37.5	56.3

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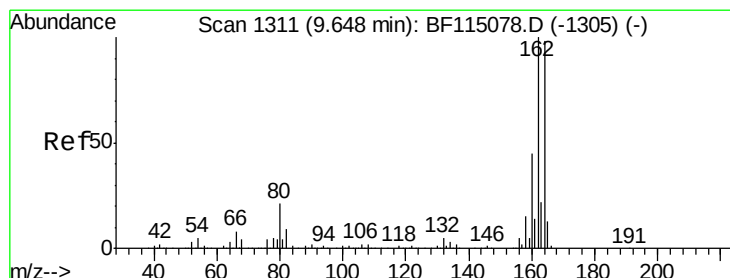
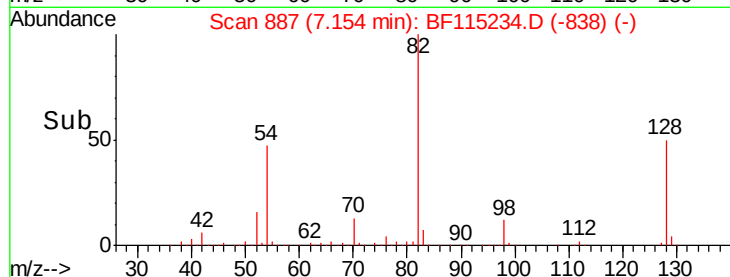
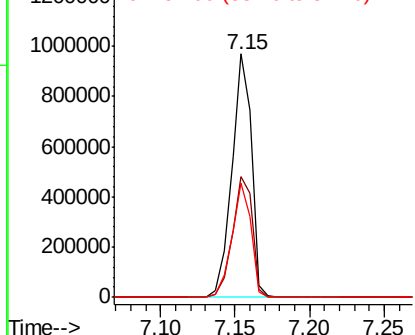


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF115234.D
Acq: 27 Jun 2019 14:21

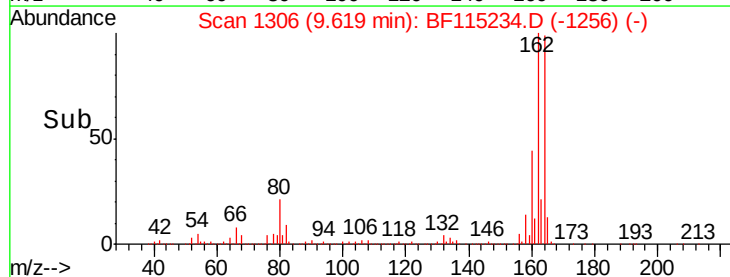
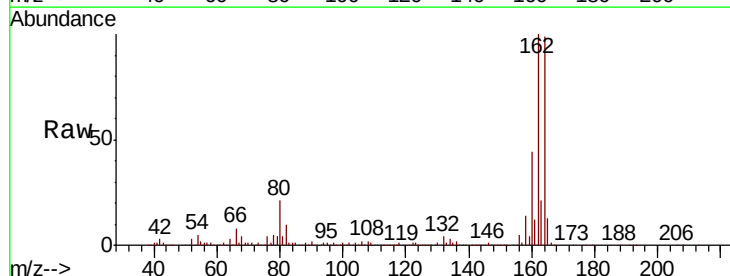
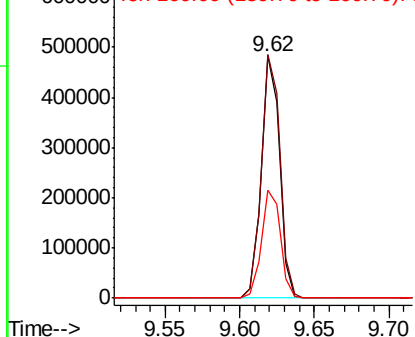
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.7	122.5
160	44.6	37.0	55.4

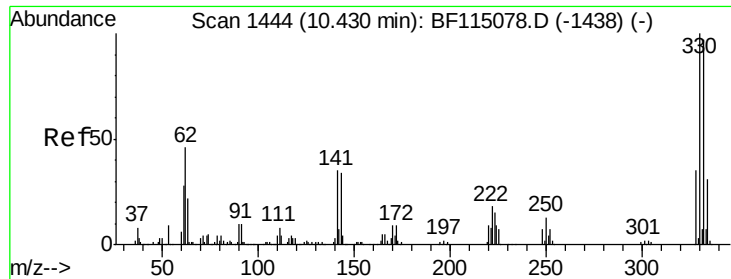
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 97.646 ng

RT: 10.40 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF115234.D

Acq: 27 Jun 2019 14:21

Instrument :

BNA_F

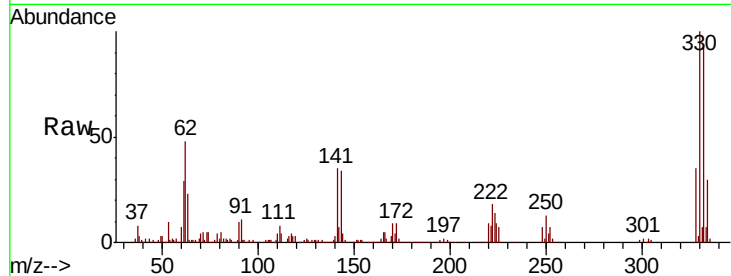
ClientSampleId :

SA-06-062619-B

Tot Ion:	330	Resp:	415430
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.3	115.9
141	32.0	28.2	42.2

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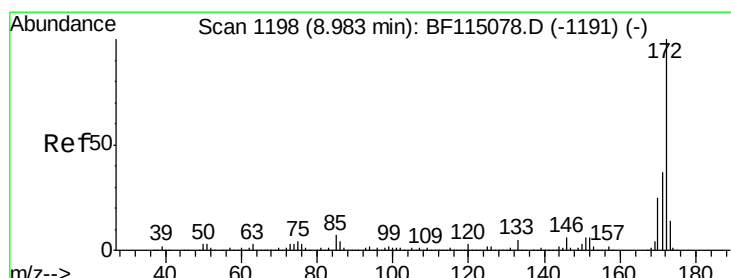
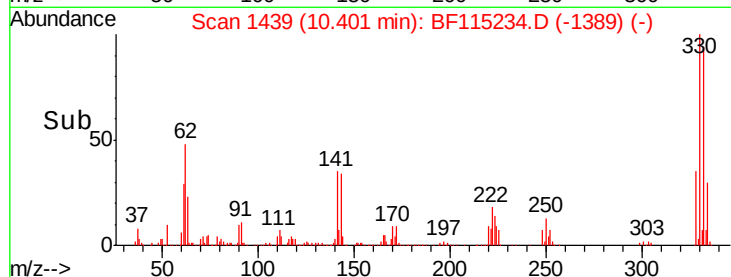
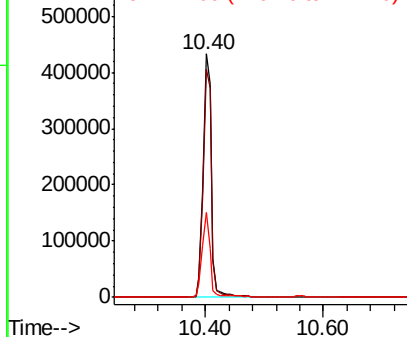


Abundance

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: 72.724 ng

RT: 8.95 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF115234.D

Acq: 27 Jun 2019 14:21

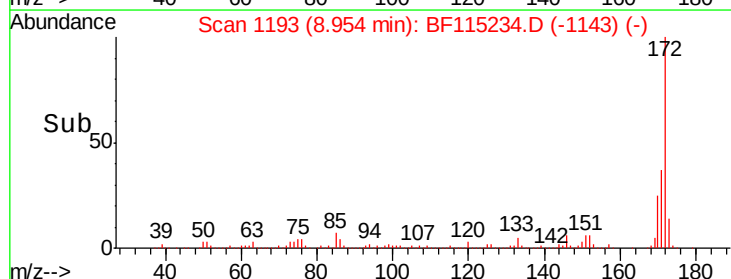
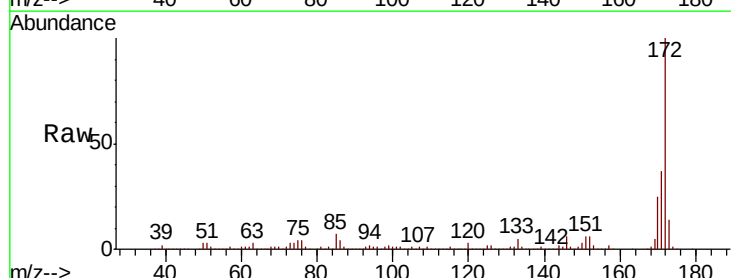
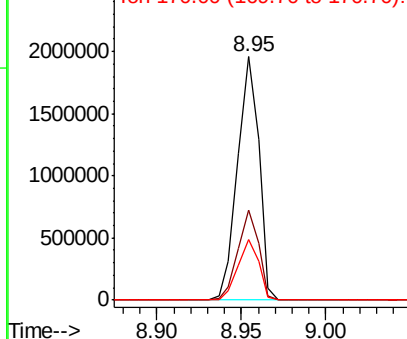
Tgt Ion:	172	Resp:	1727281
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.8	44.6
170	25.1	20.3	30.5

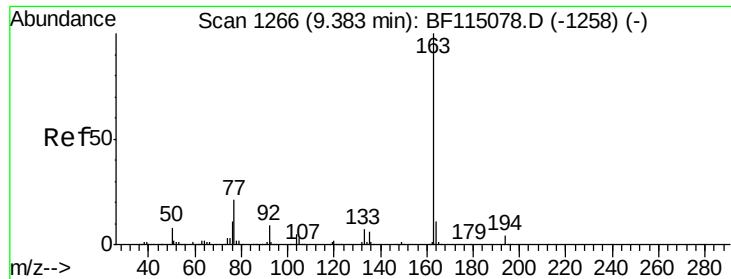
Abundance

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





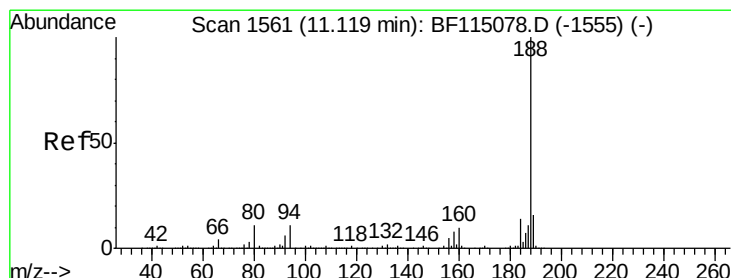
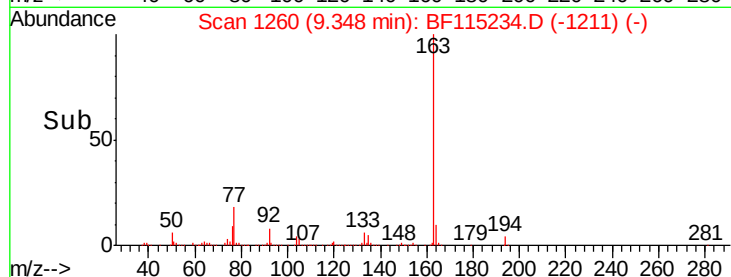
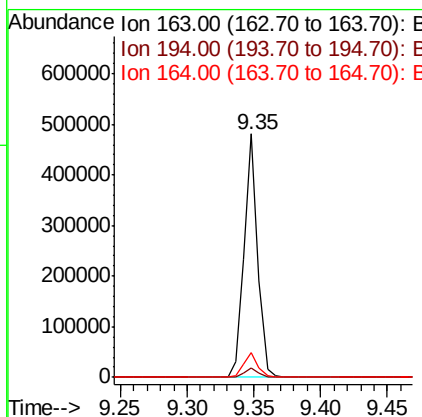
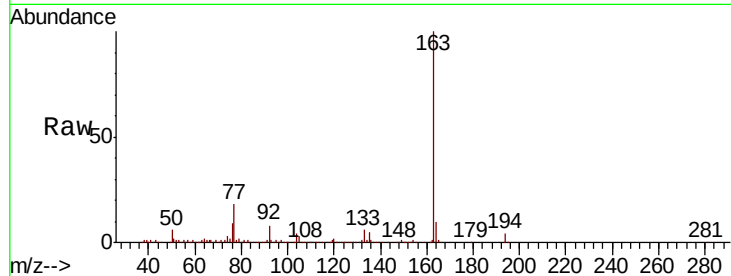
#50
Dimethylphthalate
Concen: 11.508 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115234.D
Acq: 27 Jun 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	341594		
194	4.0	3.2	4.8	
164	10.4	8.6	13.0	

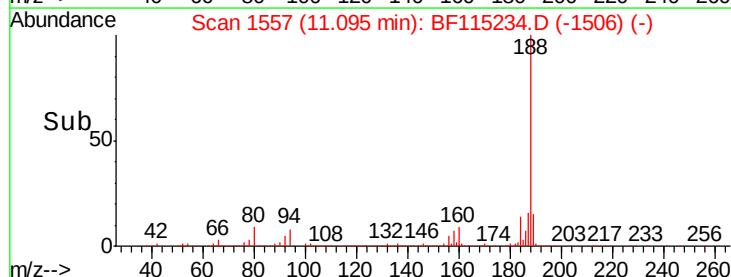
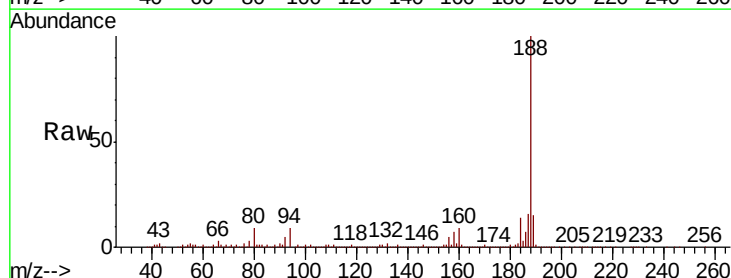
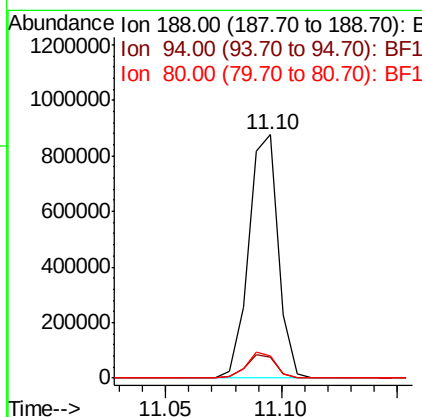
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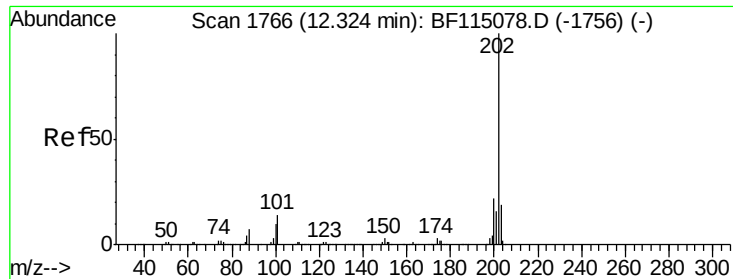
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115234.D
Acq: 27 Jun 2019 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	783906		
94	8.6	8.6	12.8	
80	8.9	8.8	13.2	





#75

Fluoranthene

Concen: 2.730 ng

RT: 12.30 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF115234.D

Acq: 27 Jun 2019 14:21

Instrument :

BNA_F

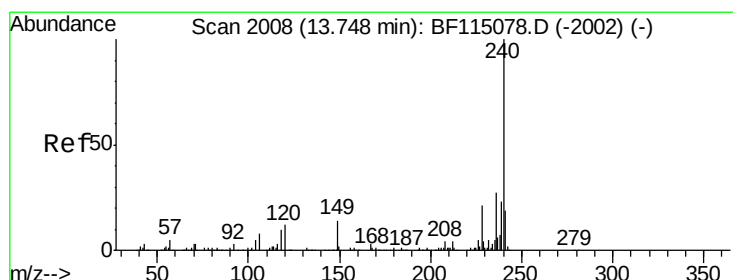
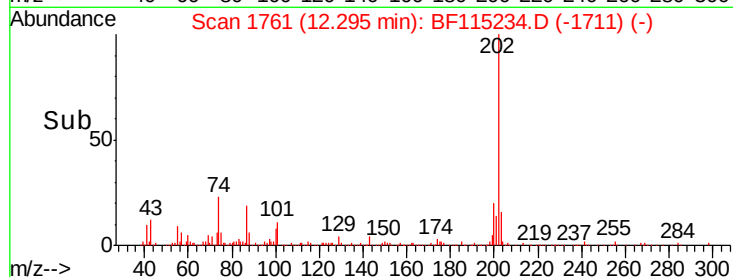
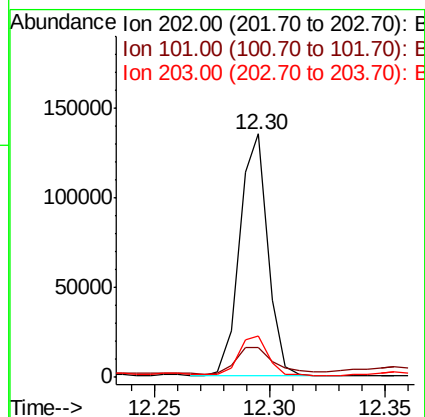
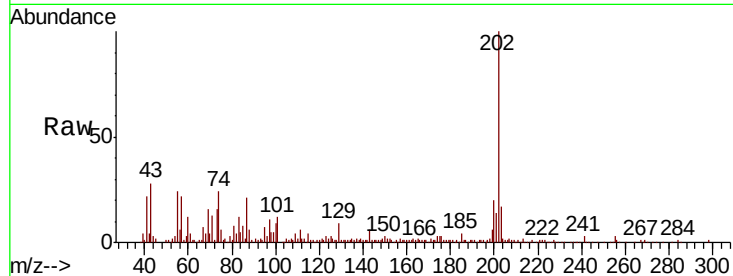
ClientSampleId :

SA-06-062619-B

Tot Ion:	202	Resp:	114981
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.0
203	16.9	0.0	38.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

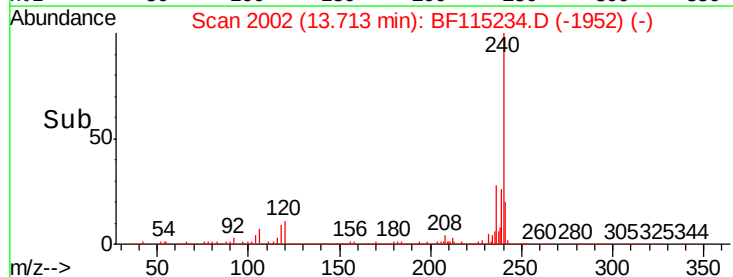
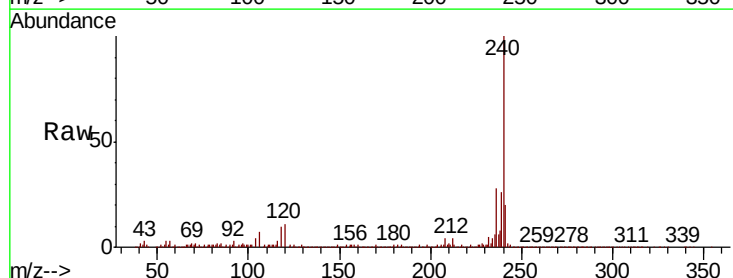
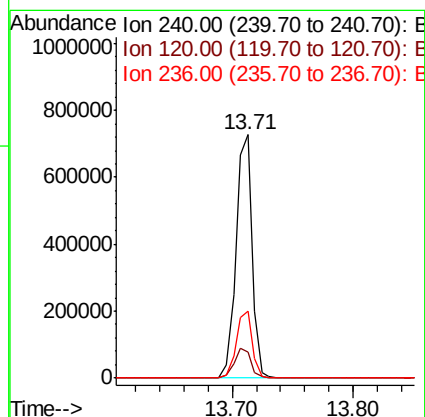
RT: 13.71 min Scan# 2002

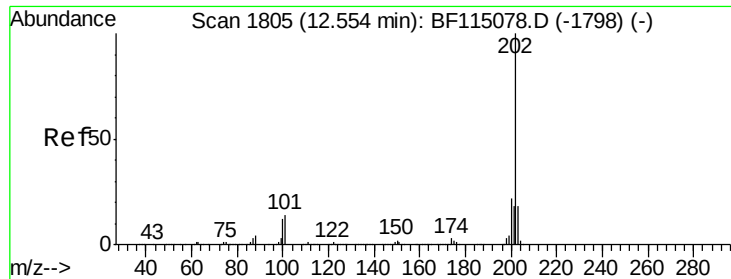
Delta R.T. -0.01 min

Lab File: BF115234.D

Acq: 27 Jun 2019 14:21

Tgt Ion:	240	Resp:	675528
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.4	14.2
236	27.6	21.7	32.5





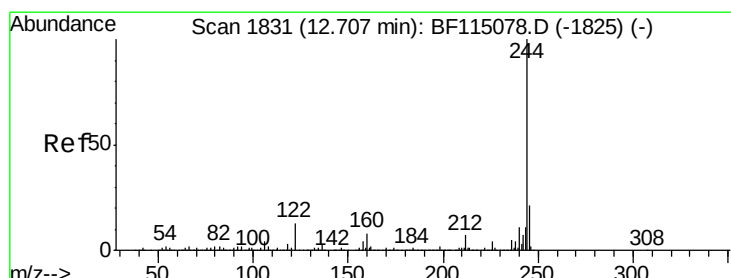
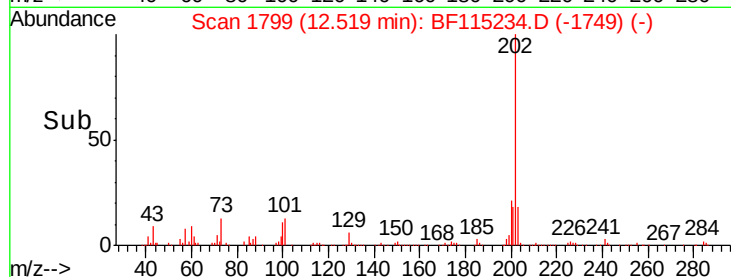
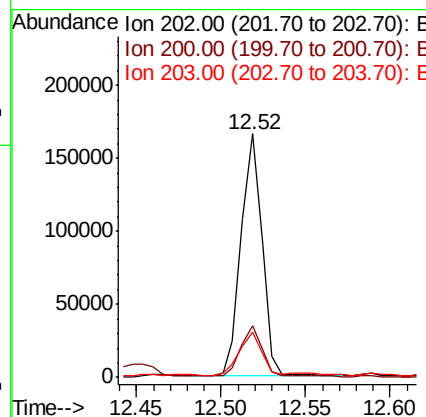
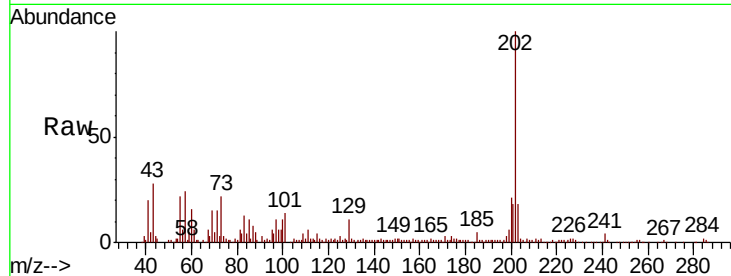
#78
Pvrene
Concen: 2.778 ng
RT: 12.52 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF115234.D
Acq: 27 Jun 2019 14:21

Instrument :
BNA_F
ClientSampleId :
SA-06-062619-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.9	26.9
203	18.5	14.6	21.8

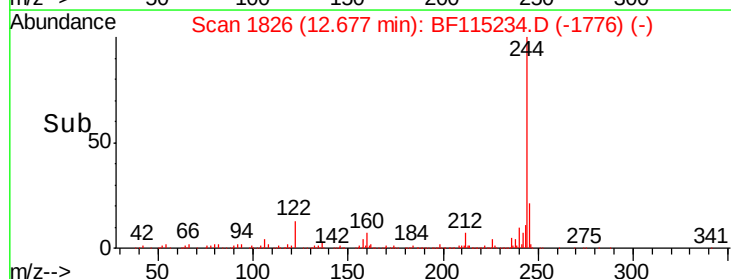
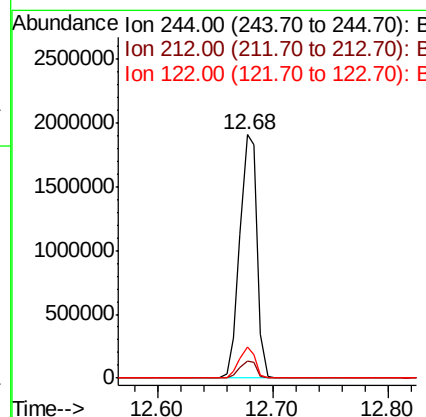
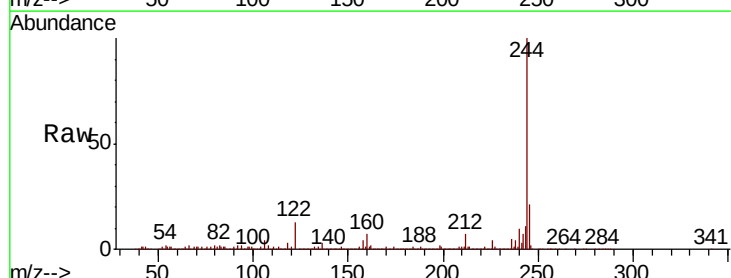
Manual Integrations
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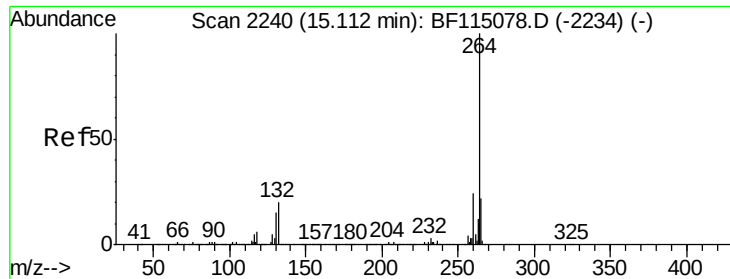
mohammad
6/28/2019 2:58:16 PM



#79
Terphenyl-d14
Concen: 61.999 ng
RT: 12.68 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF115234.D
Acq: 27 Jun 2019 14:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.7	10.4	15.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.08 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF115234.D

Acq: 27 Jun 2019 14:21

Instrument :

BNA_F

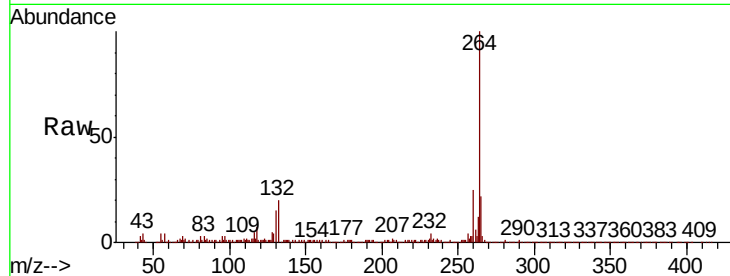
ClientSampleId :

SA-06-062619-B

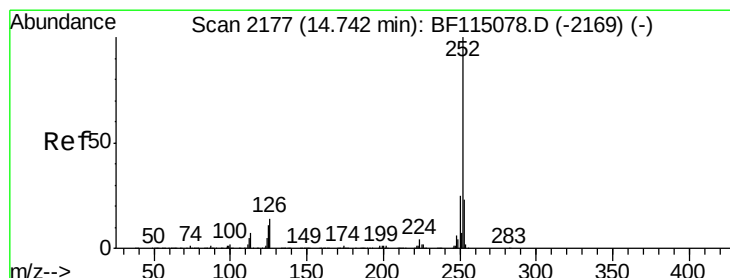
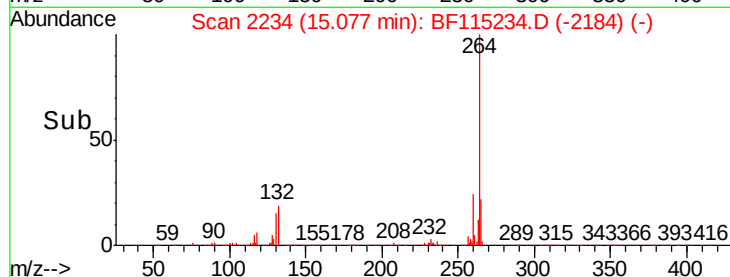
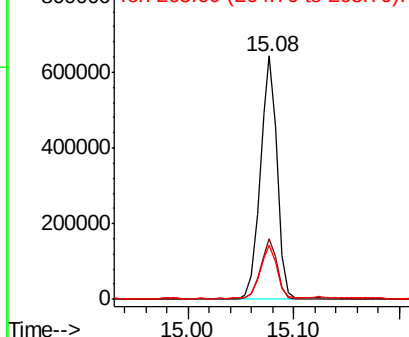
Tot Ion:	264	Resp:	717850
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.6	29.4
265	22.4	17.3	25.9

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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: 3.144 ng m

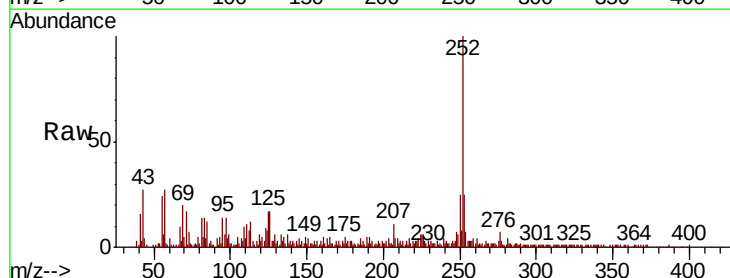
RT: 14.70 min Scan# 2170

Delta R.T. -0.02 min

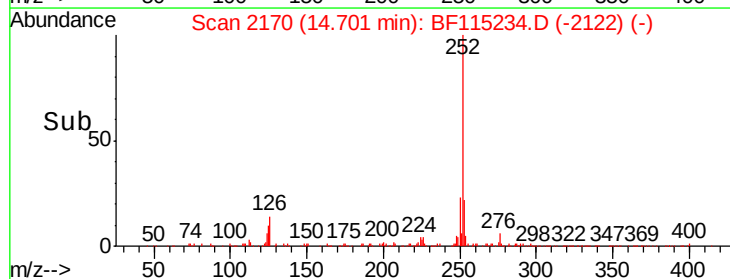
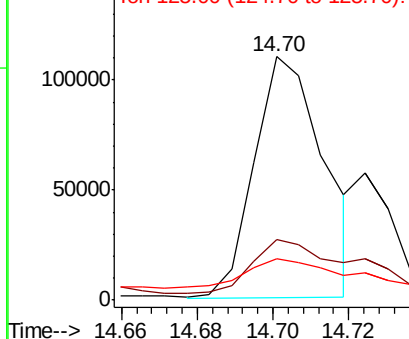
Lab File: BF115234.D

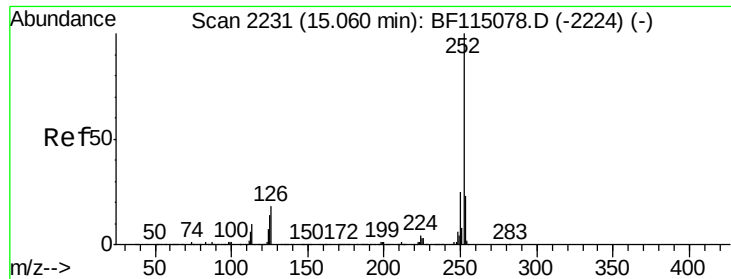
Acq: 27 Jun 2019 14:21

Tgt Ion:	252	Resp:	140836
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.1	27.1
125	17.1	8.7	13.1#



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: 2.443 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.02 min
 Lab File: BF115234.D
 Acq: 27 Jun 2019 14:21

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-062619-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.3	27.5
125	18.6	10.9	16.3

Manual Integrations
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