

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115002.D
 Acq On : 13 Jun 2019 14:45
 Operator : HP/JU
 Sample : K3344-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-007

Manual Integrations
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mohammad
 6/14/2019 8:47:16 AM

Quant Time: Jun 13 18:33:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	283157	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1065434	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	474613	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	722803	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	479399	20.00	ng	0.00
87) Perylene-d12	15.16	264	513849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	261	0.02	ng	0.02
7) Phenol-d6	6.29	99	8924	0.44	ng	0.00
23) Nitrobenzene-d5	7.21	82	1055791	59.65	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.00	172	1928062	68.85	ng	0.00
79) Terphenyl-d14	12.73	244	1376834	54.02	ng	0.00
Target Compounds						
25) Isophorone	7.46	82	241361	7.280	ng	96
50) Dimethylphthalate	9.40	163	175121	4.906	ng	98
71) Phenanthrene	11.17	178	179696	4.815	ng	98
75) Fluoranthene	12.35	202	167742	4.396	ng	99
78) Pyrene	12.57	202	132553	3.035	ng	96
84) Bis(2-ethylhexyl)phthalate	13.77	149	213875	8.871	ng	# 97
88) Benzo(b)fluoranthene	14.77	252	75837m	2.220	ng	

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

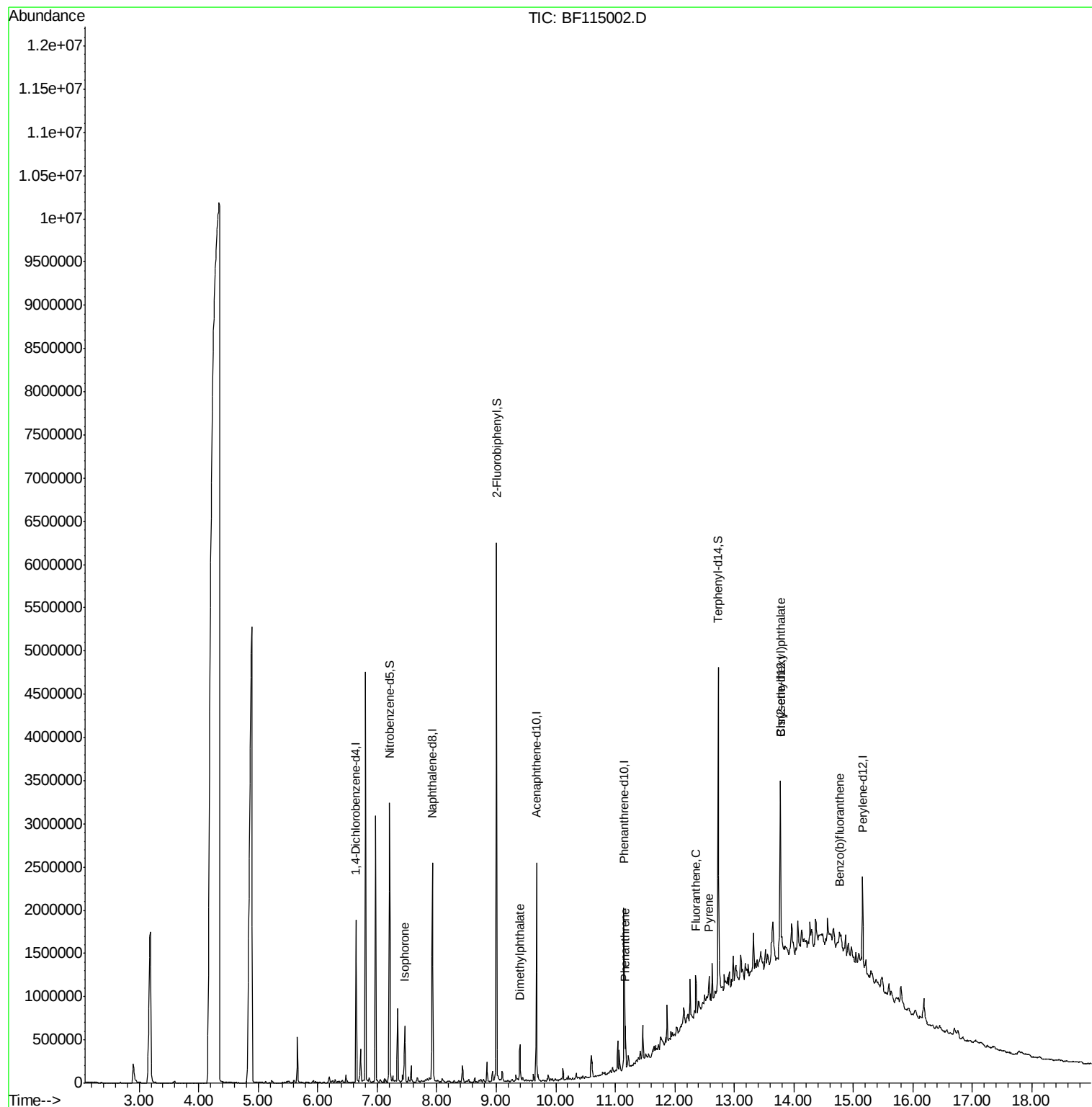
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115002.D
Acq On : 13 Jun 2019 14:45
Operator : HP/JU
Sample : K3344-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

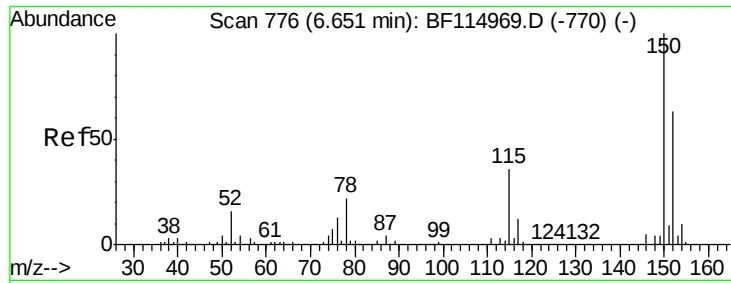
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-007

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Quant Time: Jun 13 18:33:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration





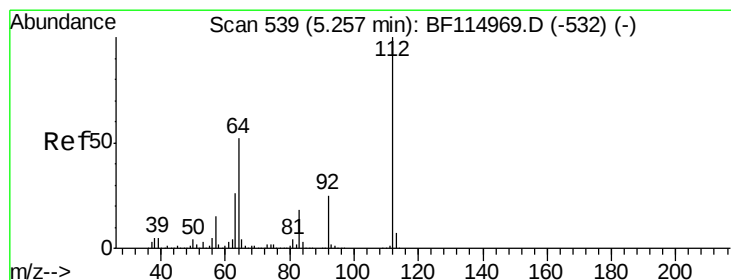
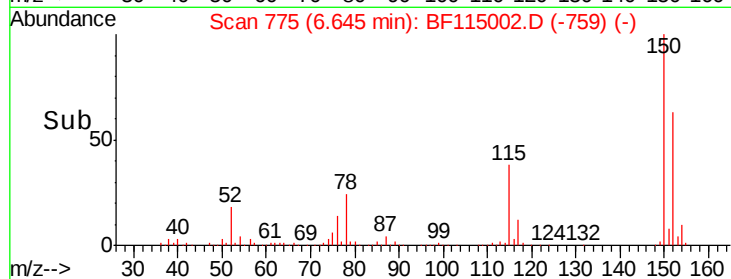
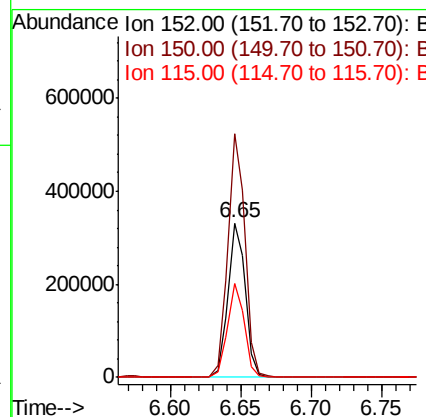
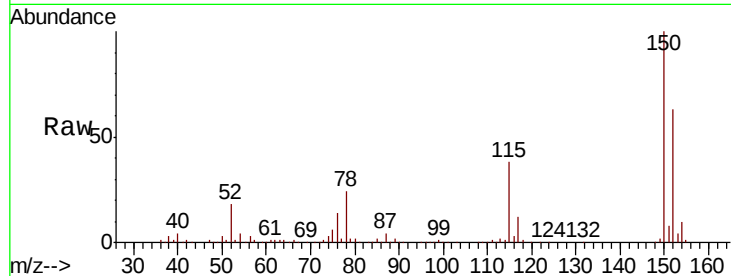
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF115002.D
 Acq: 13 Jun 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-007

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.4	191.0
115	60.7	46.0	69.0

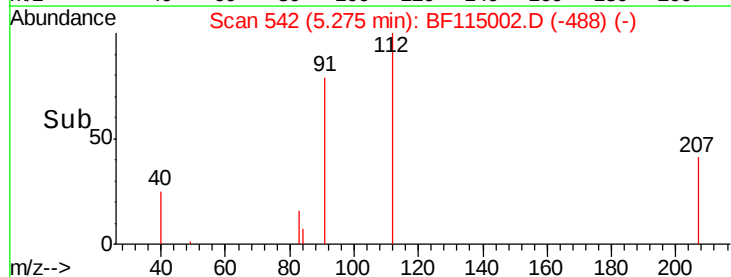
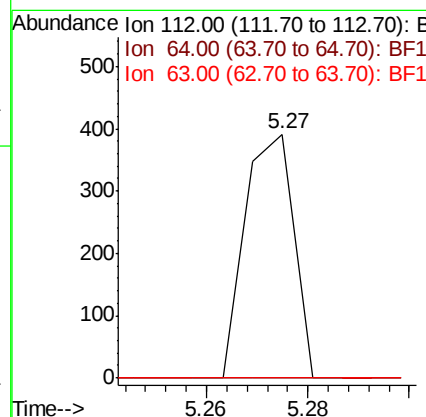
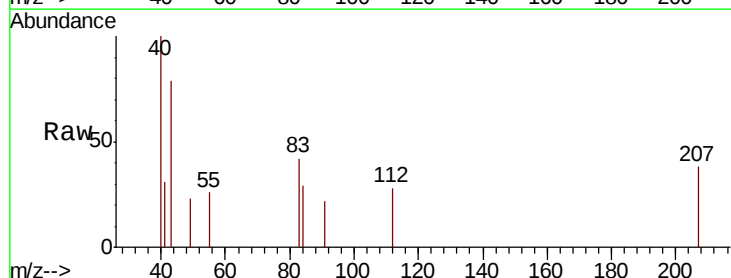
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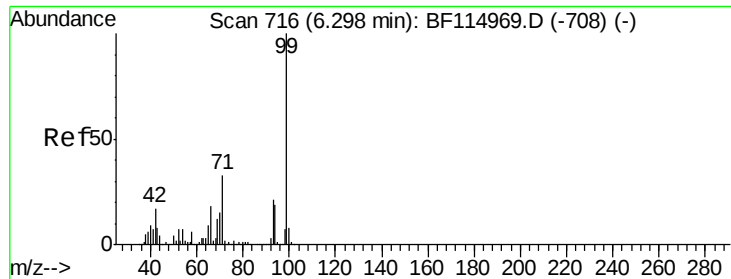
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#5
 2-Fluorophenol
 Concen: 0.015 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.02 min
 Lab File: BF115002.D
 Acq: 13 Jun 2019 14:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	41.6	62.4#
63	0.0	20.9	31.3#





#7

Phenol-d6

Concen: 0.436 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Instrument :

BNA_F

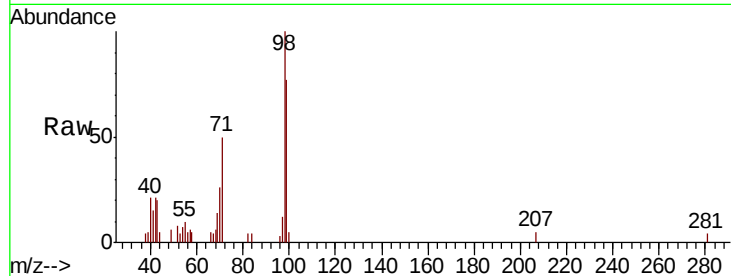
ClientSampleId :

FK-0D015-03-007

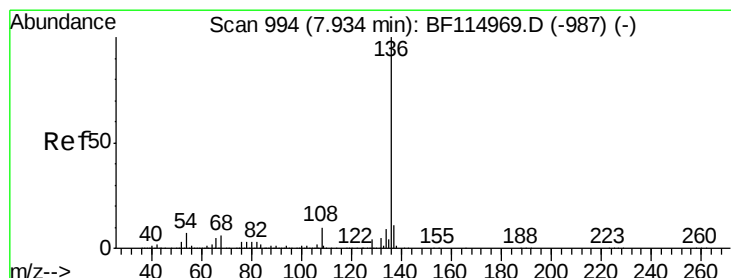
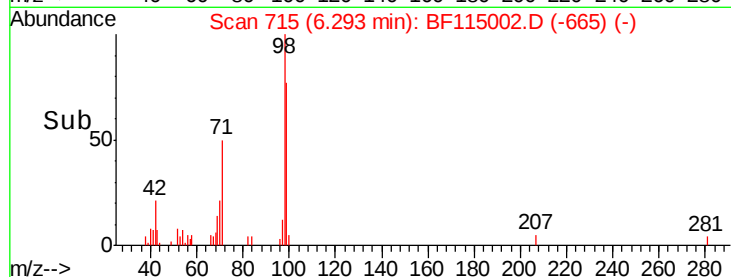
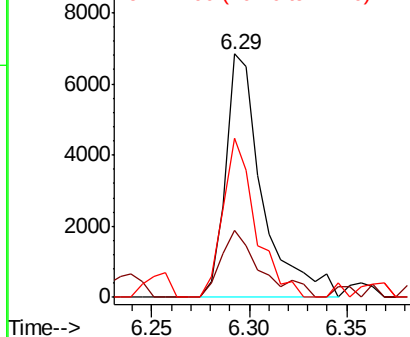
Tot Ion:	99	Resp:	8924
Ion Ratio	Lower	Upper	
99	100		
42	27.6	13.4	20.2#
71	65.4	26.4	39.6#

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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: 7.93 min Scan# 993

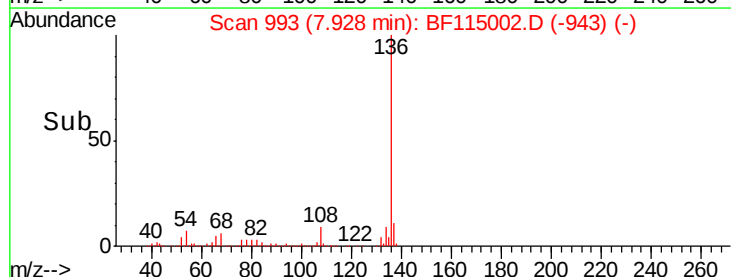
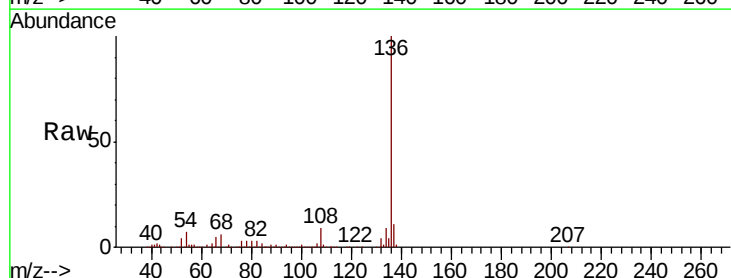
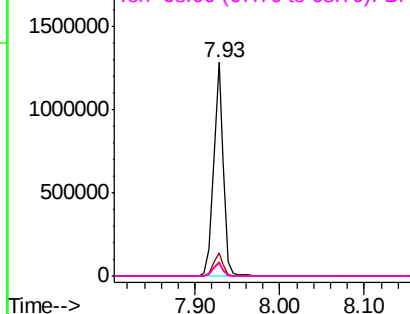
Delta R.T. -0.01 min

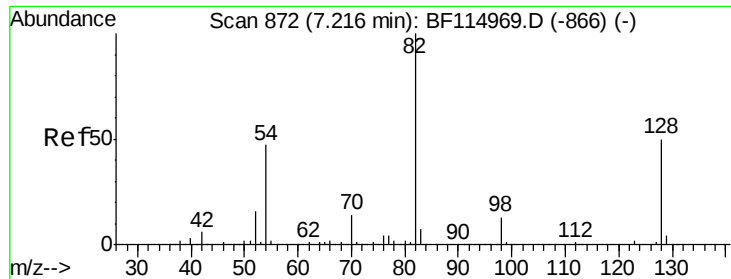
Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Tgt Ion:	136	Resp:	1065434
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	6.7	5.4	8.0
68	5.8	4.6	7.0

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





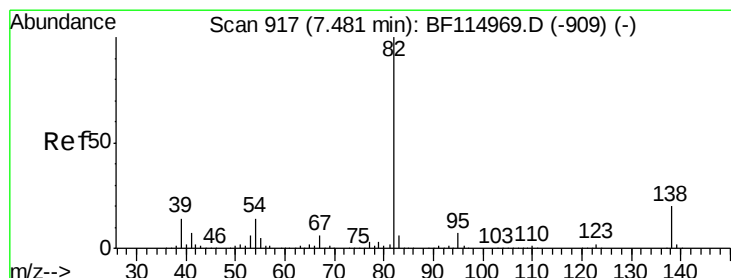
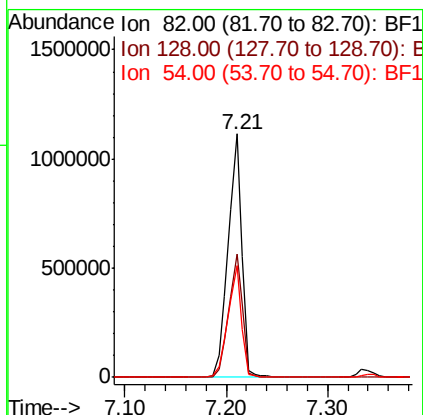
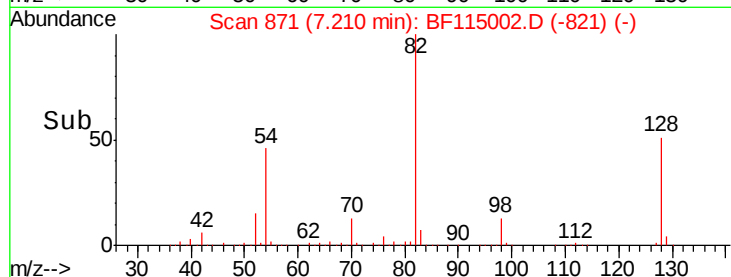
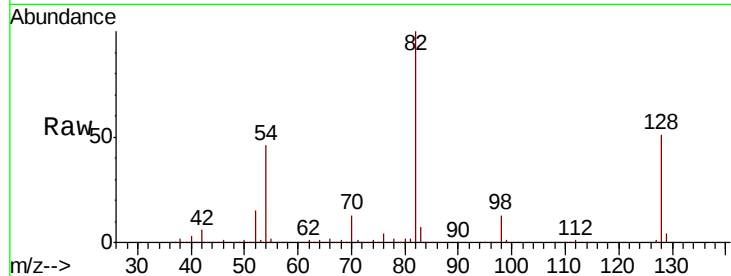
#23
Nitrobenzene-d5
Concen: 59.647 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-007

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.5	39.9	59.9
54	46.0	37.3	55.9

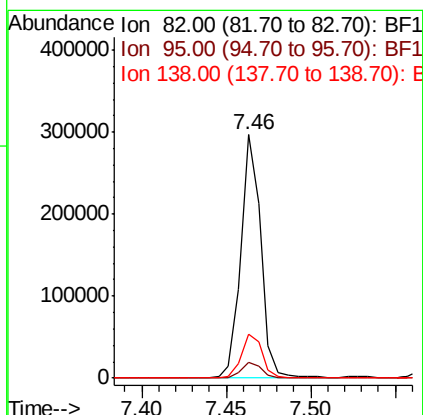
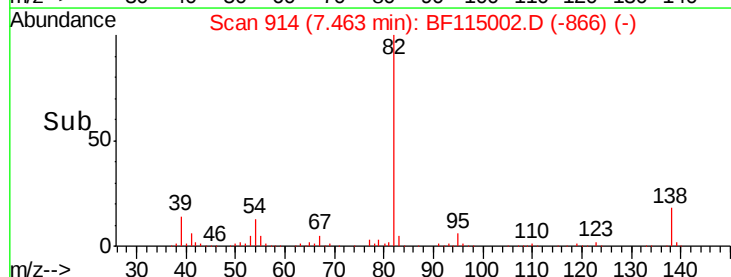
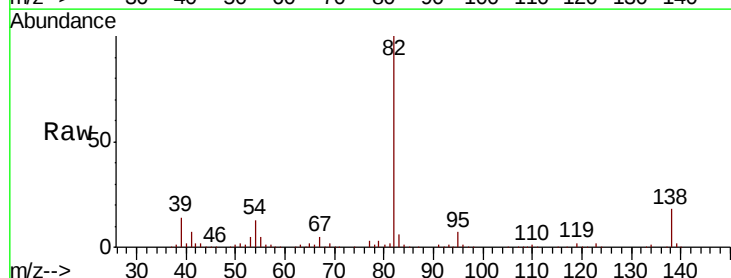
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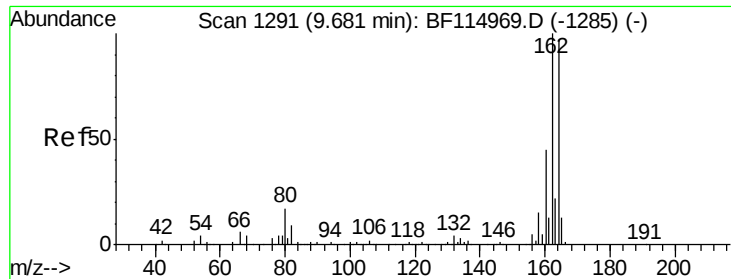
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#25
Isophorone
Concen: 7.280 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.6	8.4
138	17.9	16.1	24.1





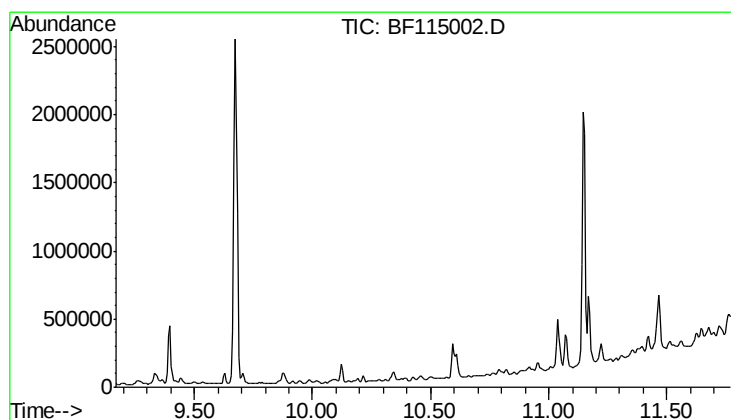
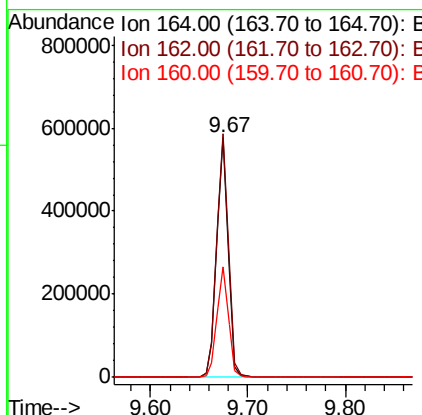
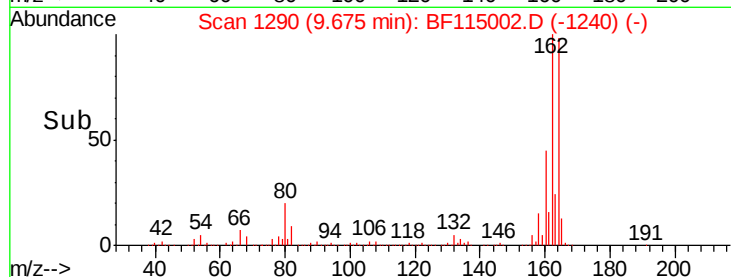
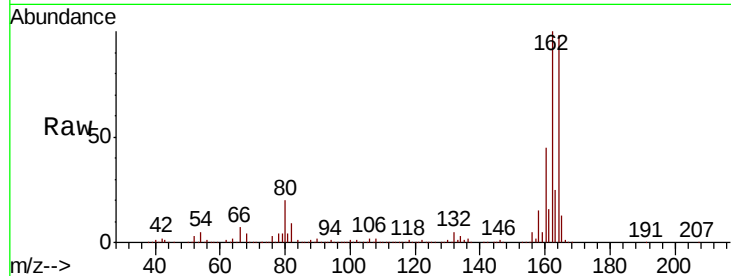
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115002.D
 Acq: 13 Jun 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-007

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	101.7	82.6	124.0		
160	46.2	36.9	55.3		

Manual Integrations
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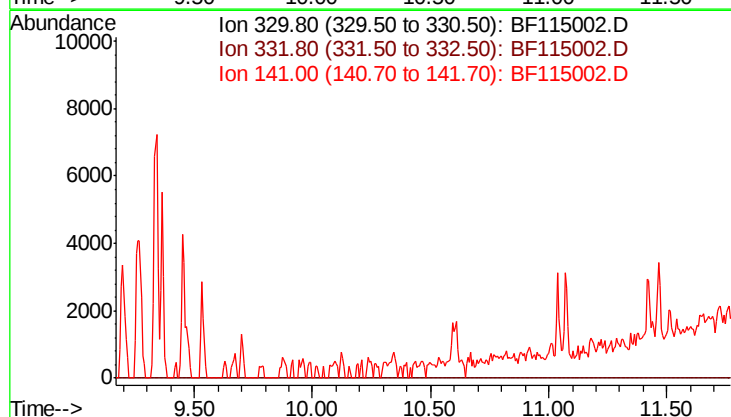
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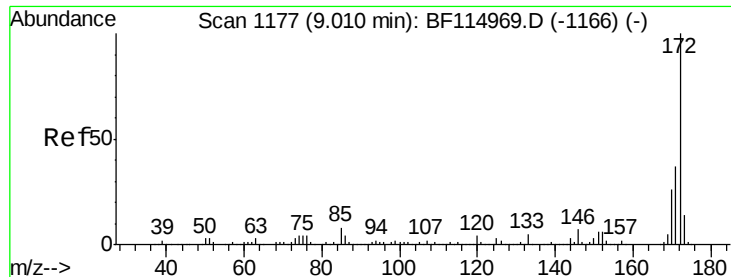


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.47 min

Lab File: BF115002.D
 Acq: 13 Jun 2019 14:45

Tgt Ion	Sig	Exp Ratio
330	100	
332	97.0	
141	34.0	





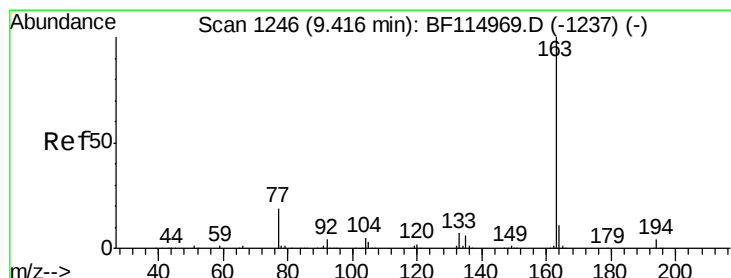
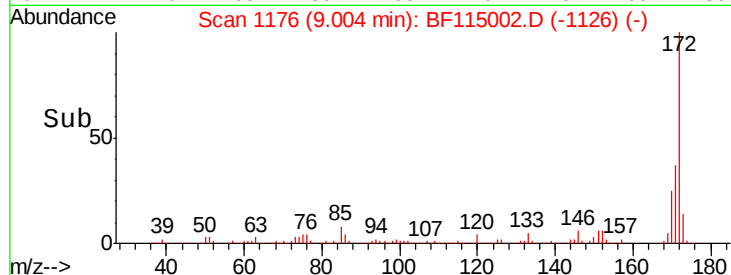
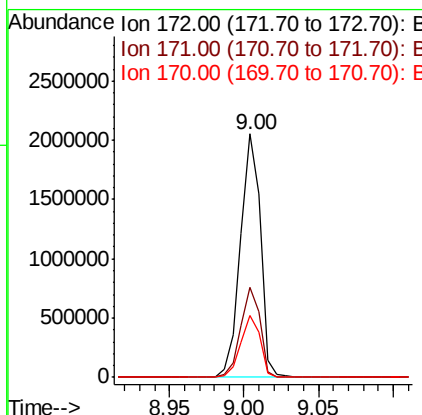
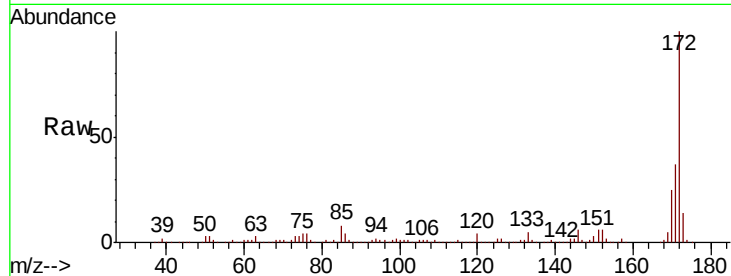
#45
2-Fluorobiphenyl
Concen: 68.851 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-007

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.3	20.6	31.0

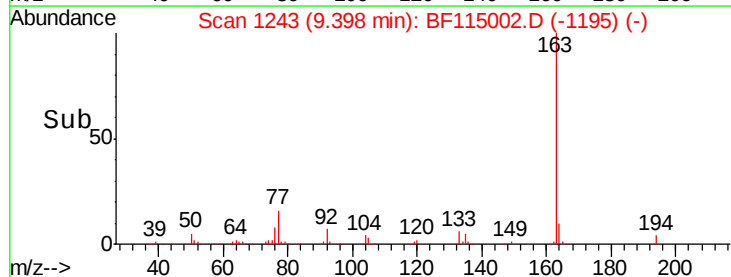
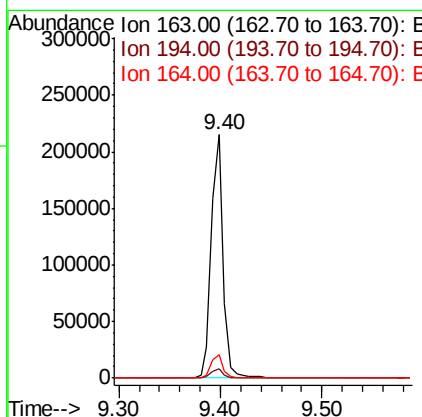
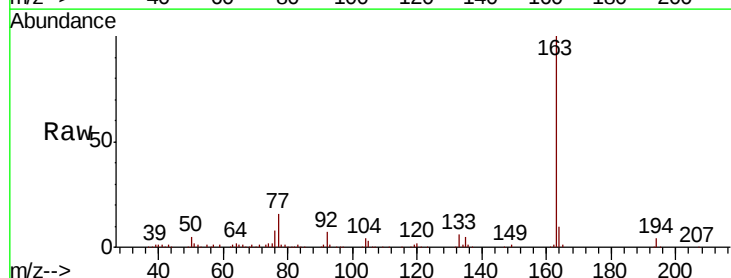
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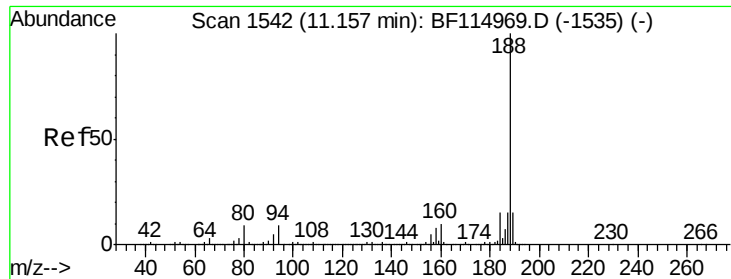
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#50
Dimethylphthalate
Concen: 4.906 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.7	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Instrument :

BNA_F

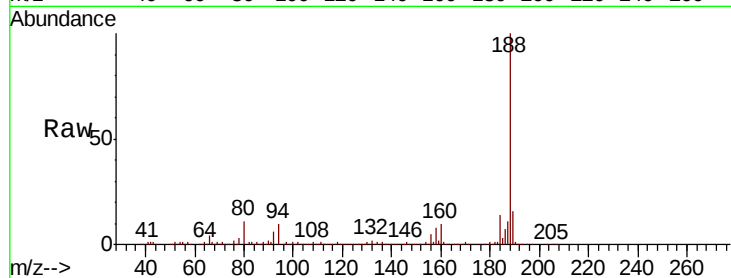
ClientSampleId :

FK-0D015-03-007

Tot Ion:188	Resp:	722803
Ion Ratio	Lower	Upper
188 100		
94 10.2	7.2	10.8
80 10.8	7.4	11.2

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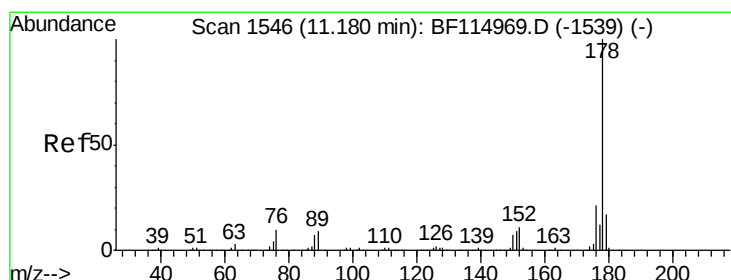
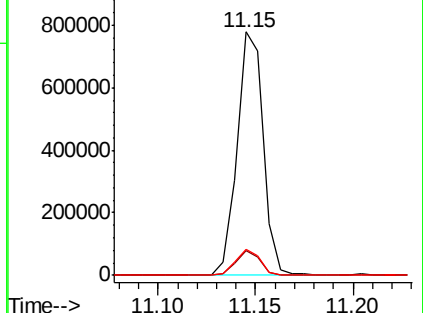
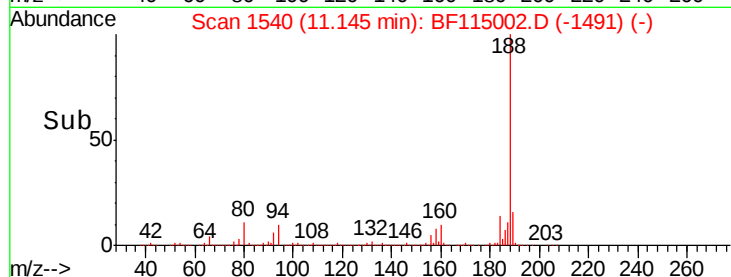
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 4.815 ng

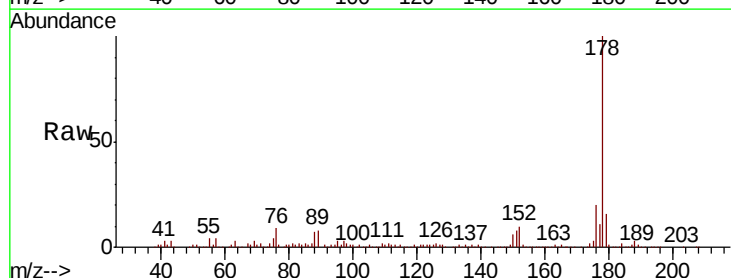
RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

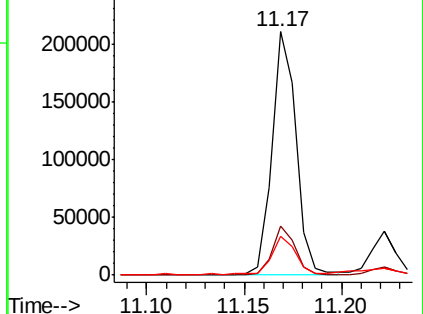
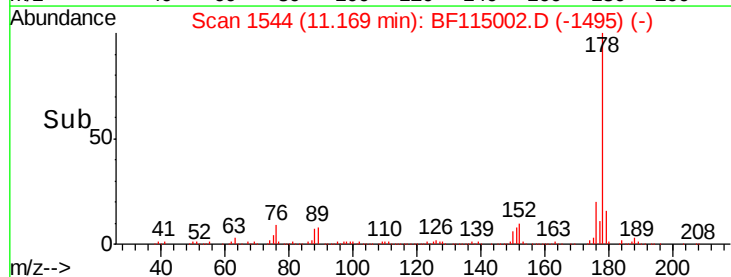
Tgt Ion:178	Resp:	179696
Ion Ratio	Lower	Upper
178 100		
176 20.0	16.9	25.3
179 16.2	13.4	20.0

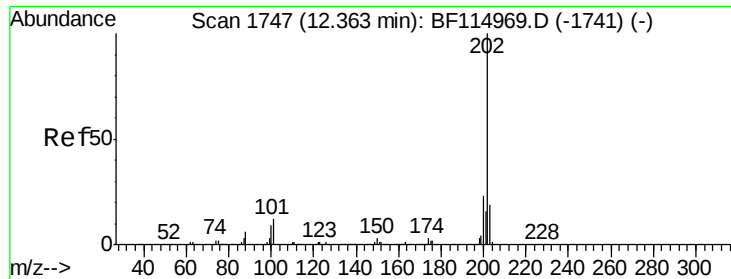


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.396 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Instrument :

BNA_F

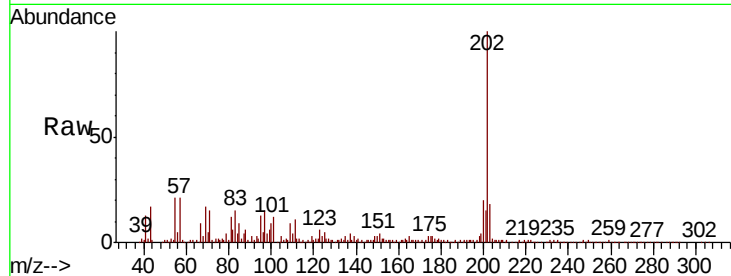
ClientSampleId :

FK-0D015-03-007

Tot Ion	Ratio	Resp	Lower	Upper
202	100	167742		
101	11.8	0.0	32.4	
203	18.3	0.0	38.6	

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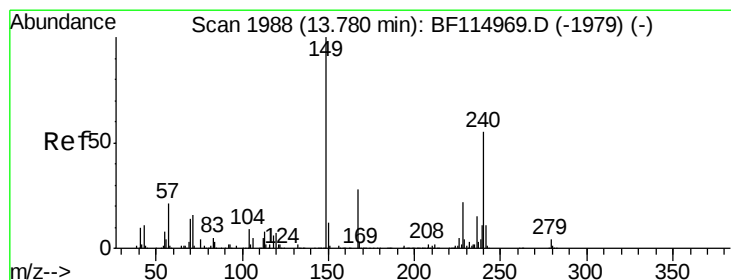
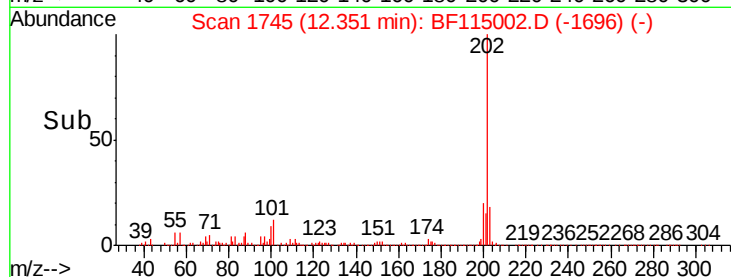
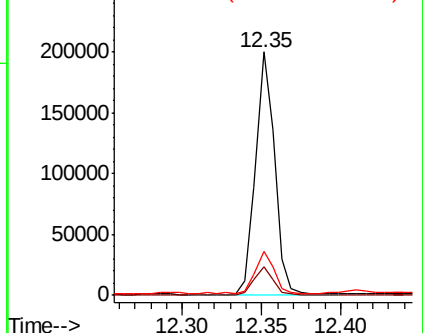


Abundance

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: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

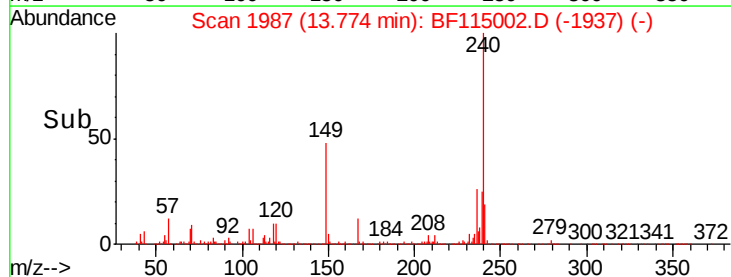
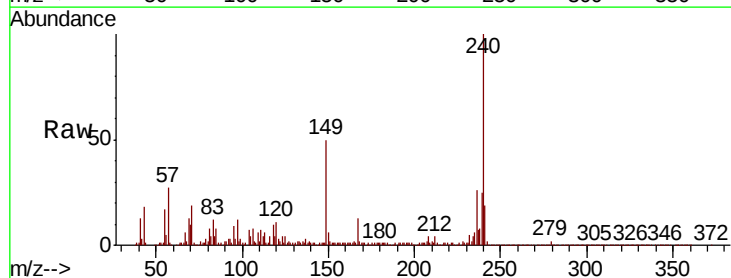
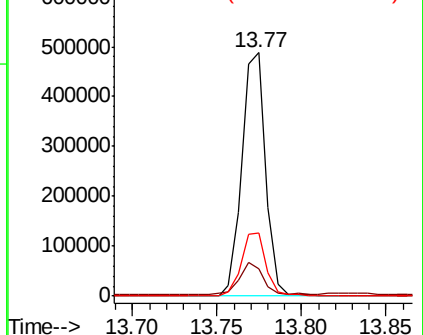
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	479399		
120	11.3	10.0	15.0	
236	26.1	21.6	32.4	

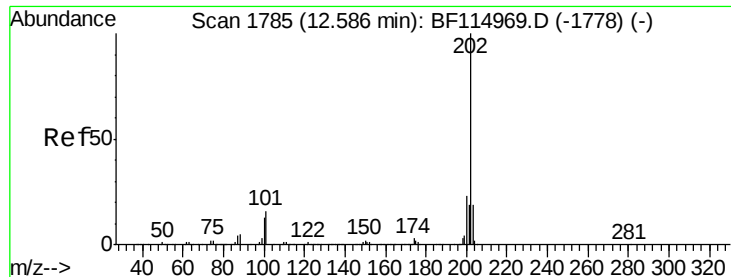
Abundance

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





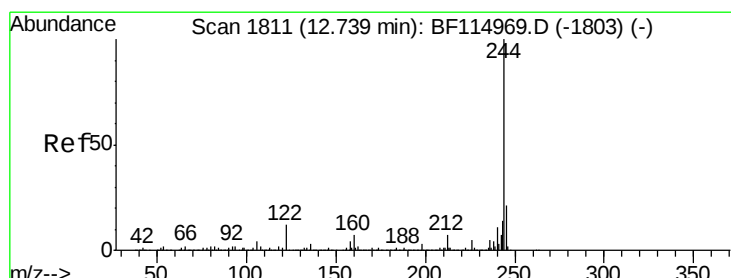
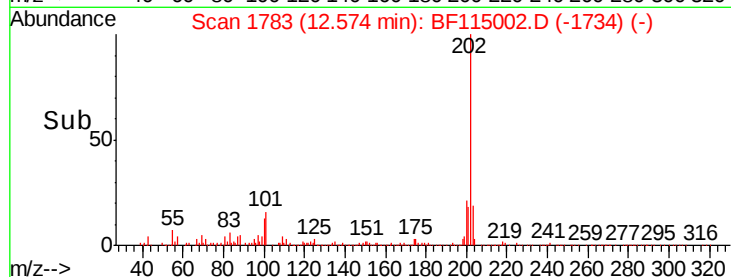
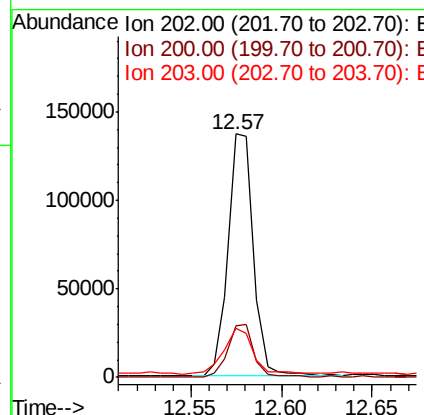
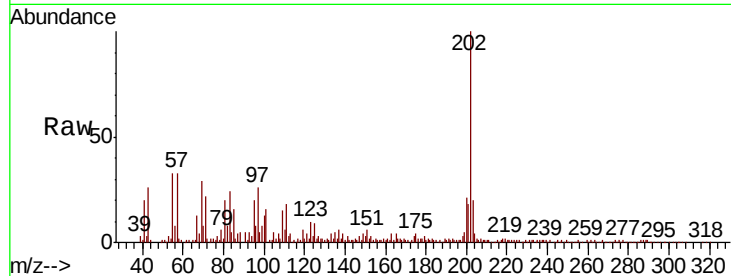
#78
Pvrene
Concen: 3.035 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-007

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	18.4	27.6
203	20.1	14.9	22.3

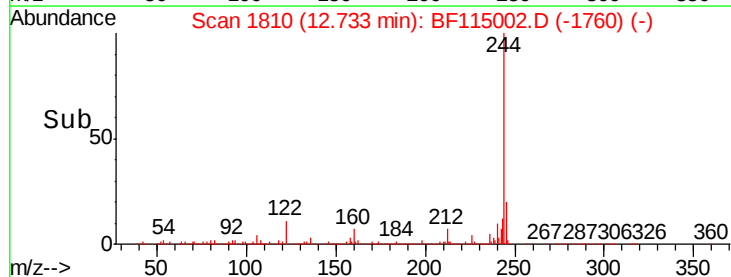
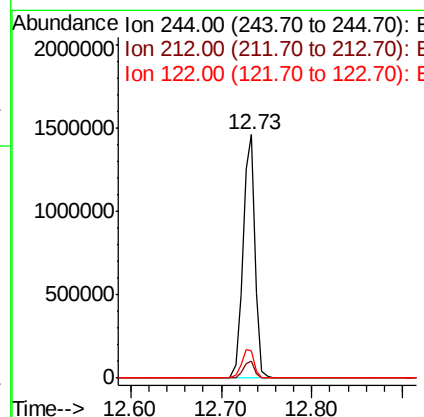
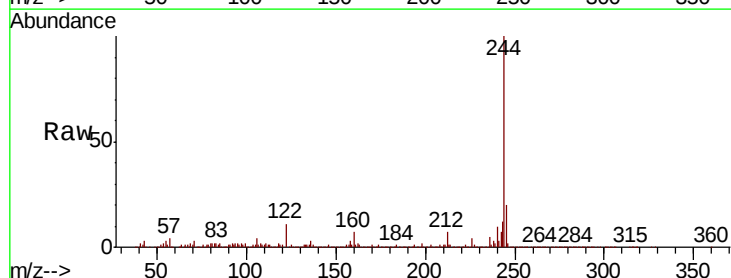
Manual Integrations
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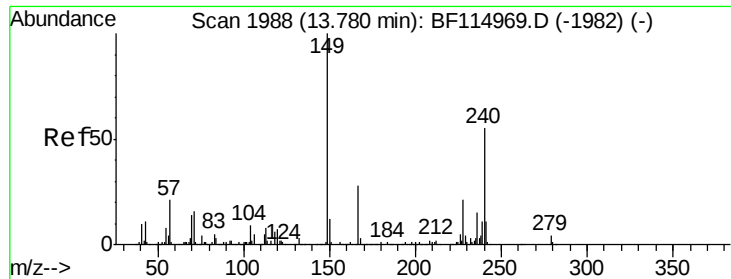
mohammad
6/14/2019 8:47:16 AM



#79
Terphenyl-d14
Concen: 54.019 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115002.D
Acq: 13 Jun 2019 14:45

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.2	9.4	14.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.871 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115002.D

Acq: 13 Jun 2019 14:45

Instrument :

BNA_F

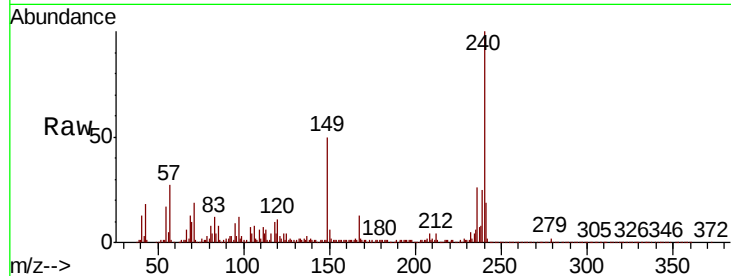
ClientSampleId :

FK-0D015-03-007

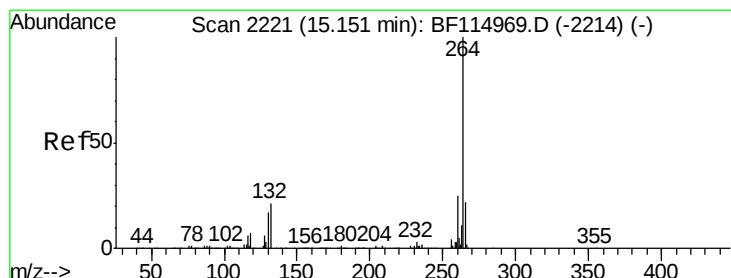
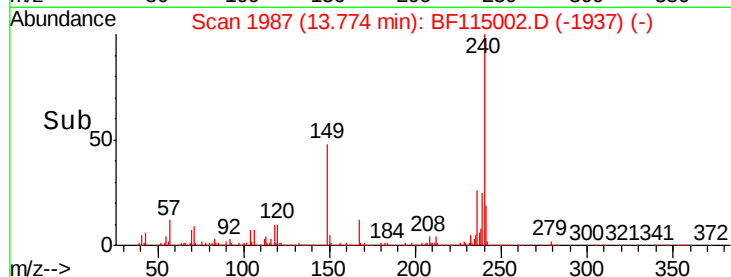
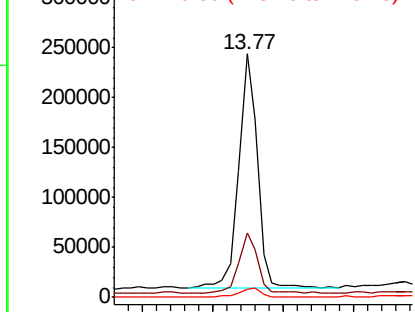
Tot Ion:	149	Resp:	213875
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.2	33.4
279	3.3	3.4	5.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

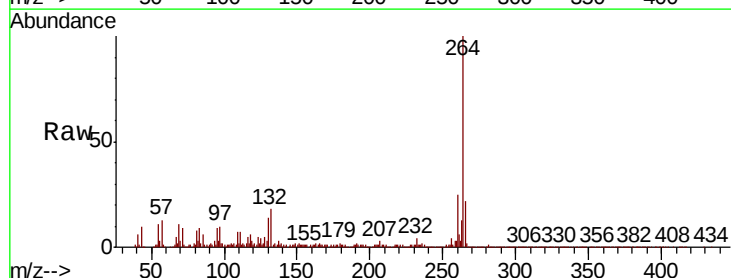
RT: 15.16 min Scan# 2222

Delta R.T. 0.01 min

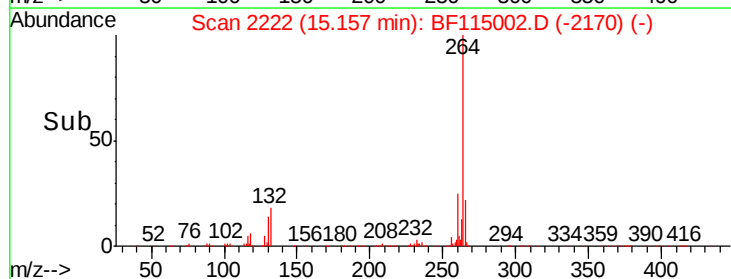
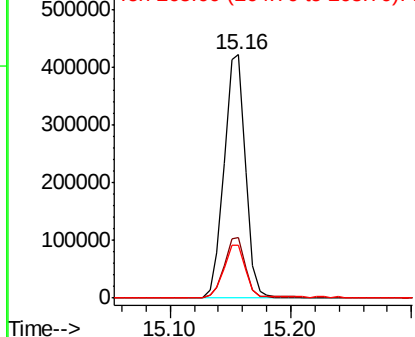
Lab File: BF115002.D

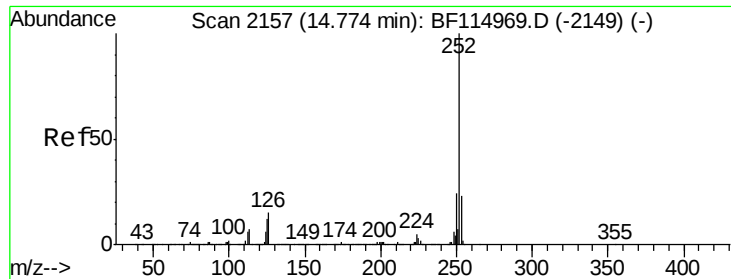
Acq: 13 Jun 2019 14:45

Tgt Ion:	264	Resp:	513849
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.9	29.9
265	21.9	17.6	26.4



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: 2.220 ng m
 RT: 14.77 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BF115002.D
 Acq: 13 Jun 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-007

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	24.4	18.1	27.1	
125	49.7	9.4	14.0	

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:47:16 AM

