

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115004.D
 Acq On : 13 Jun 2019 15:38
 Operator : HP/JU
 Sample : K3343-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-008

Manual Integrations
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mohammad
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Quant Time: Jun 14 11:44:30 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	278114	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1050334	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	466534	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	713704	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	476653	20.00	ng	0.00
87) Perylene-d12	15.15	264	507174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	546	0.03	ng	0.02
7) Phenol-d6	6.29	99	26031	1.30	ng	-0.01
23) Nitrobenzene-d5	7.21	82	1166905	66.87	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.00	172	2140725	77.77	ng	0.00
79) Terphenyl-d14	12.73	244	1551867	61.24	ng	0.00
Target Compounds						
25) Isophorone	7.46	82	161783	4.950	ng	96
50) Dimethylphthalate	9.40	163	239692	6.832	ng	98
71) Phenanthrene	11.17	178	174697	4.741	ng	96
75) Fluoranthene	12.35	202	166137	4.409	ng	99
78) Pyrene	12.57	202	137277	3.161	ng	97
81) Benzo(a)anthracene	13.76	228	71770	2.012	ng	98
83) Chrysene	13.80	228	77619	2.188	ng	96
84) Bis(2-ethylhexyl)phthalate	13.77	149	162443	6.777	ng	100
88) Benzo(b)fluoranthene	14.77	252	96034m	2.848	ng	

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

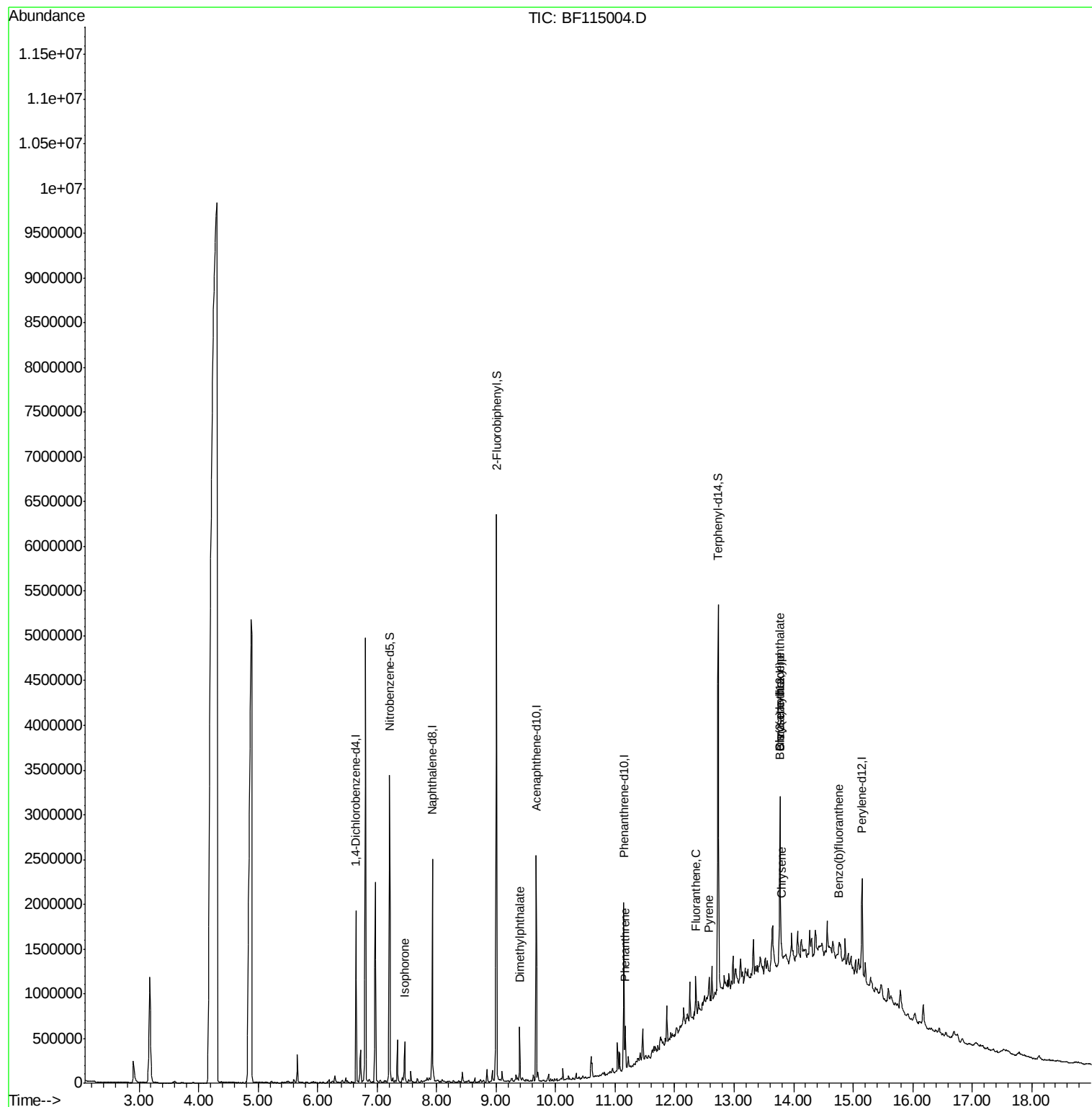
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115004.D
Acq On : 13 Jun 2019 15:38
Operator : HP/JU
Sample : K3343-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

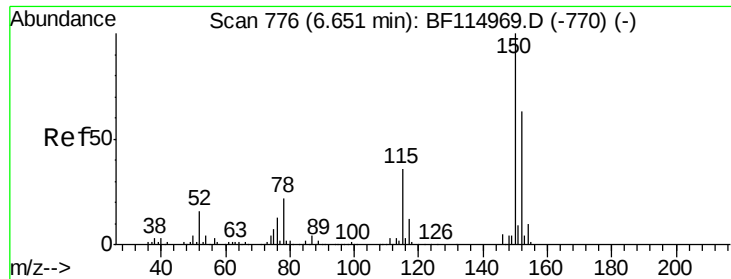
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-008

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Quant Time: Jun 14 11:44:30 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

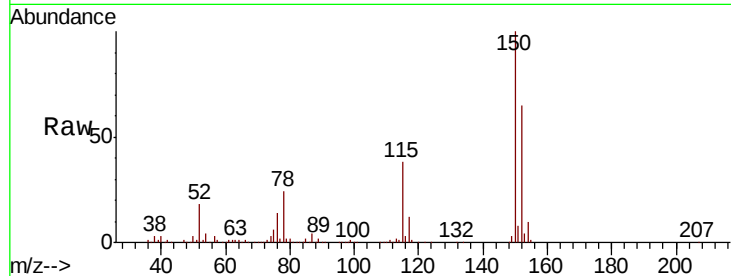
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-008

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.4	191.0
115	59.2	46.0	69.0

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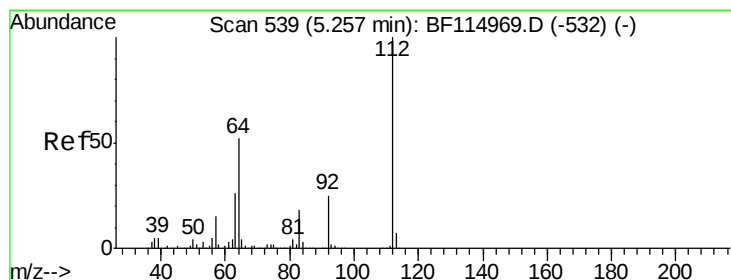
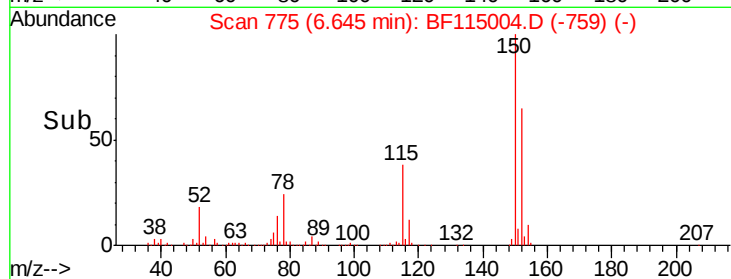
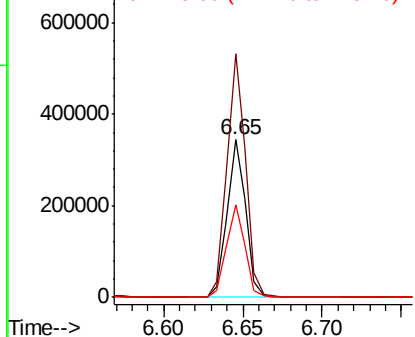


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

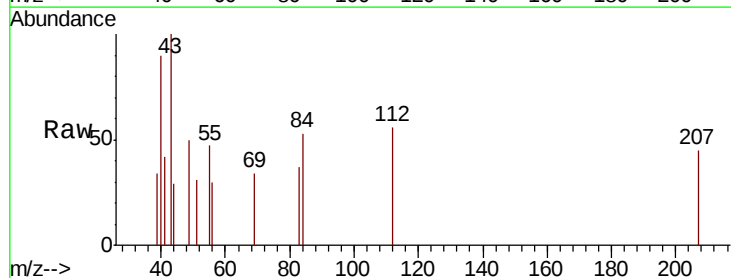
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.033 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.02 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

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

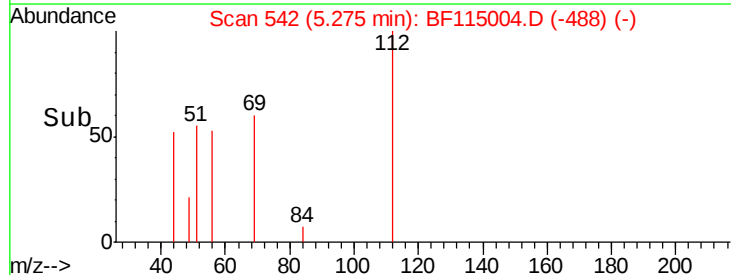
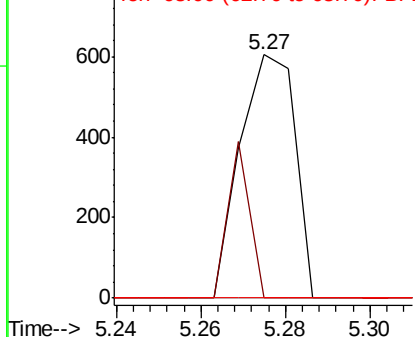


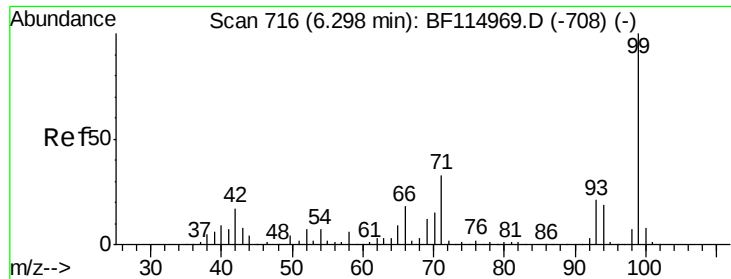
Abundance

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: 1.296 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Instrument :

BNA_F

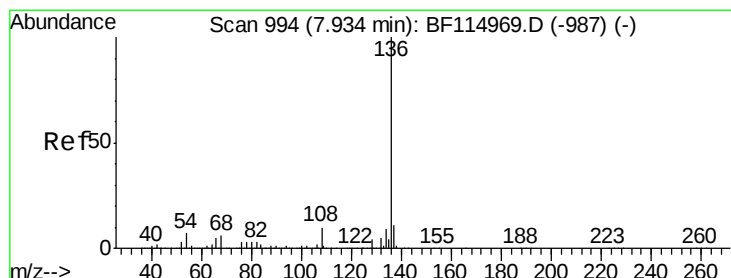
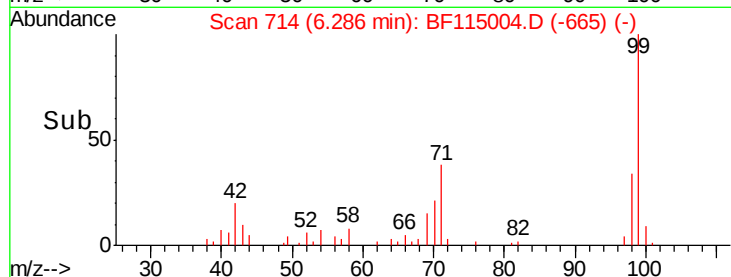
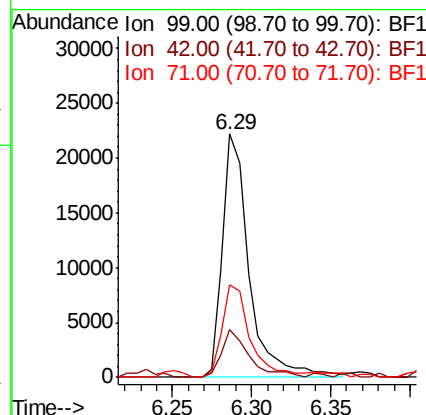
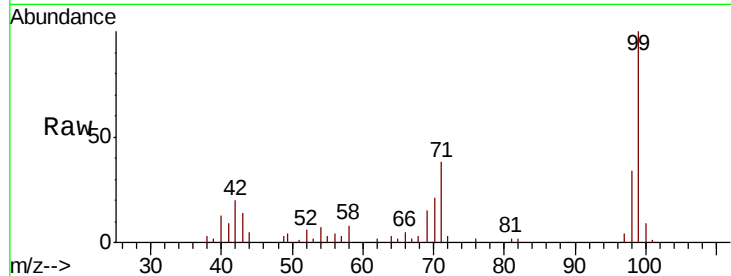
ClientSampleId :

FK-0D015-03-008

Tot Ion:	99	Resp:	26031
Ion	Ratio	Lower	Upper
99	100		
42	19.7	13.4	20.2
71	38.1	26.4	39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

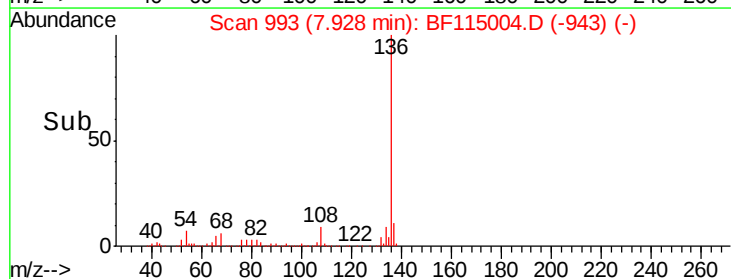
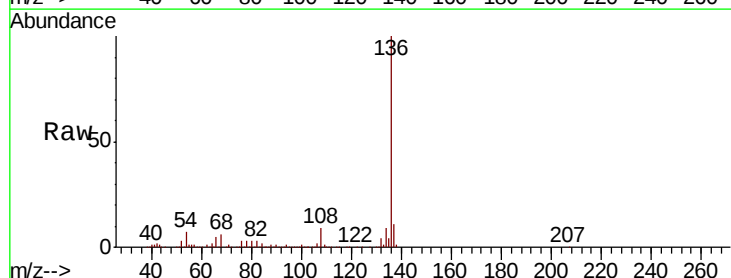
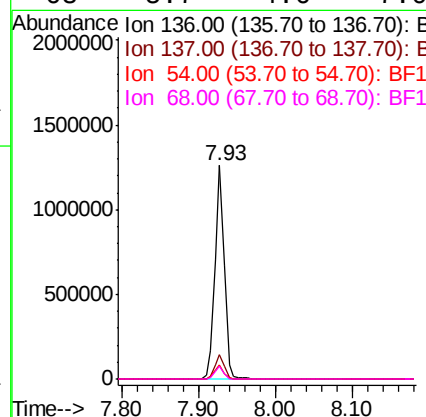
RT: 7.93 min Scan# 993

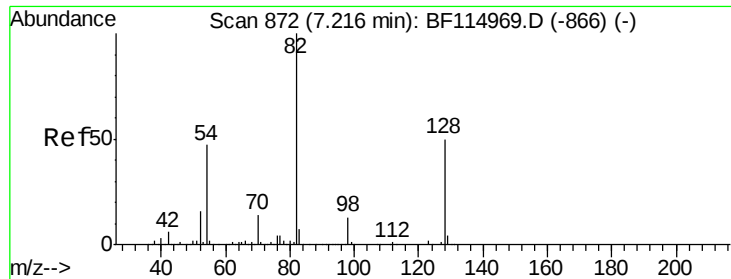
Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Tgt Ion:	136	Resp:	1050334
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.7	5.4	8.0
68	5.7	4.6	7.0





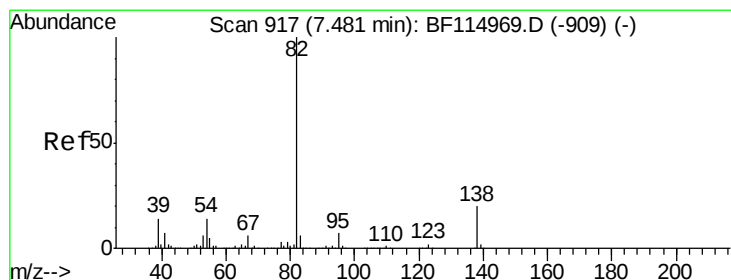
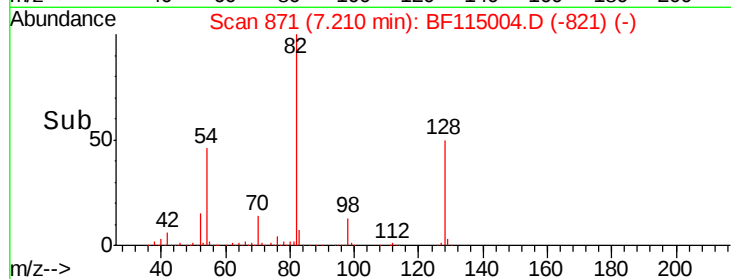
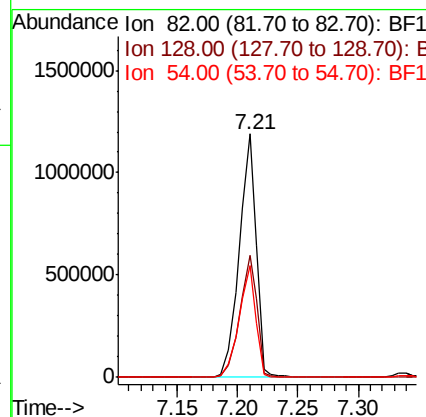
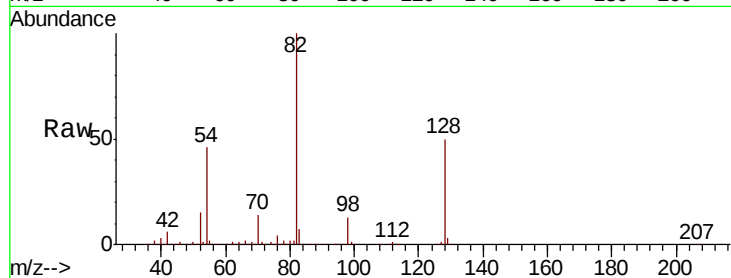
#23
 Nitrobenzene-d5
 Concen: 66.873 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115004.D
 Acq: 13 Jun 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-008

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	39.9	59.9
54	45.8	37.3	55.9

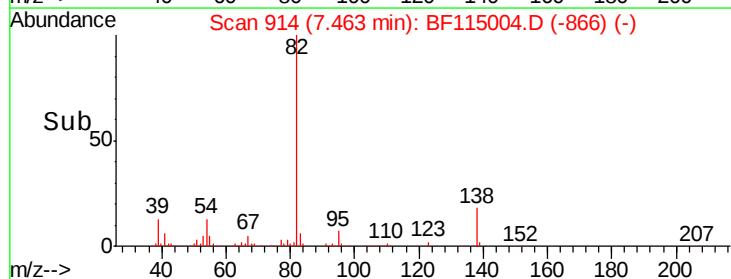
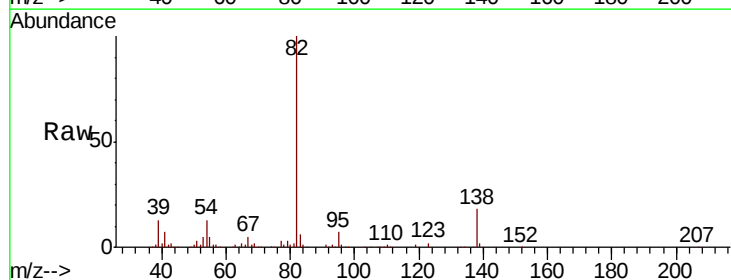
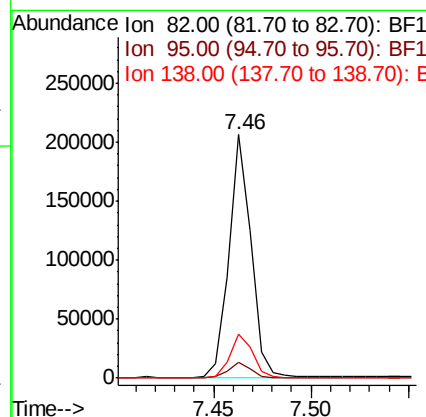
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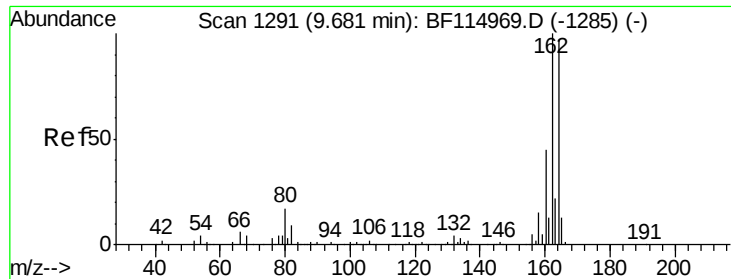
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#25
 Isophorone
 Concen: 4.950 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: BF115004.D
 Acq: 13 Jun 2019 15:38

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	17.9	16.1	24.1





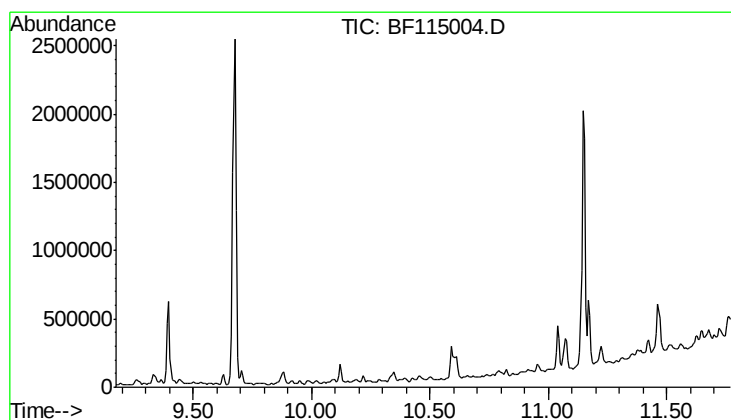
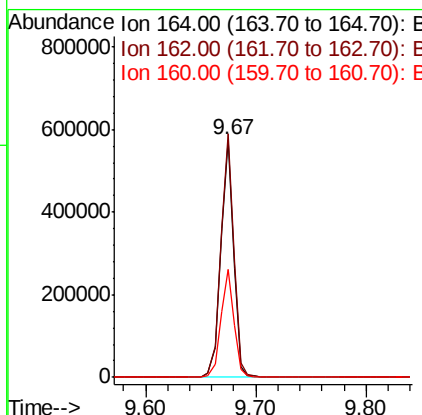
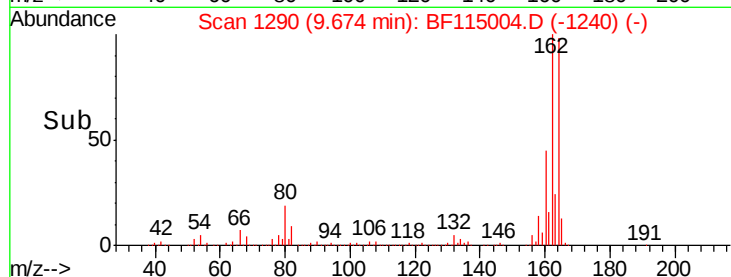
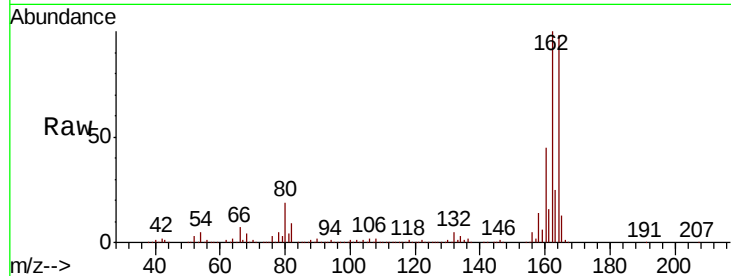
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115004.D
 Acq: 13 Jun 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-008

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	82.6	124.0	
160	45.7	36.9	55.3	

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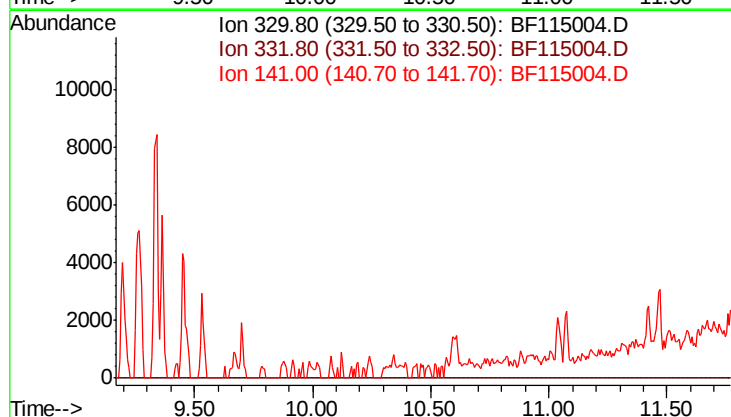
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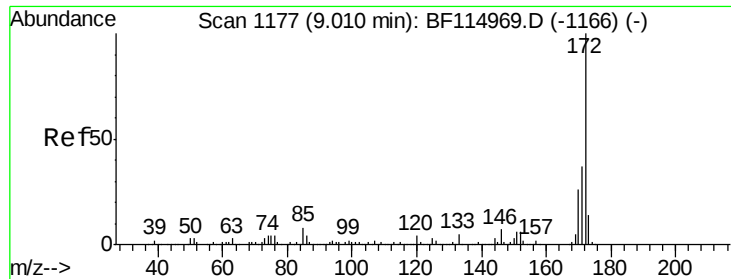


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.47 min

Lab File: BF115004.D
 Acq: 13 Jun 2019 15:38

Tgt Ion	Exp Ratio
330	100
332	97.0
141	34.0





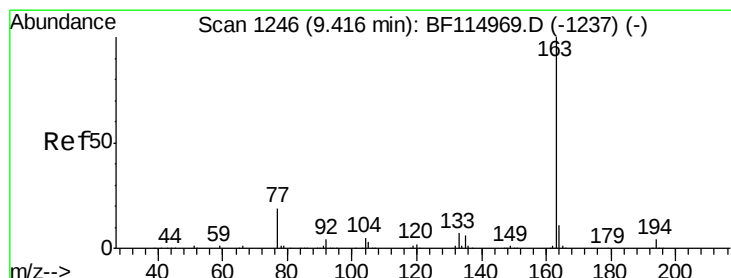
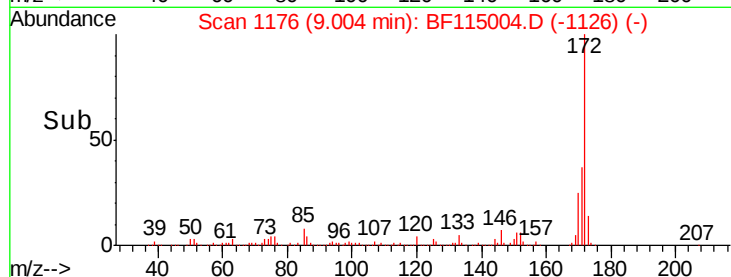
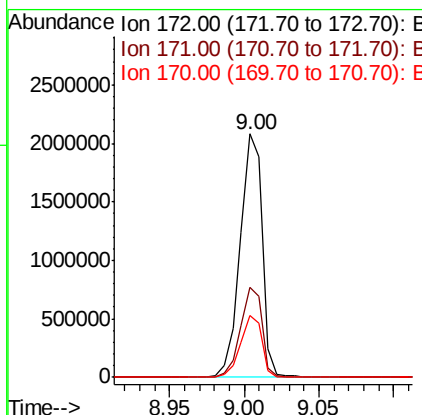
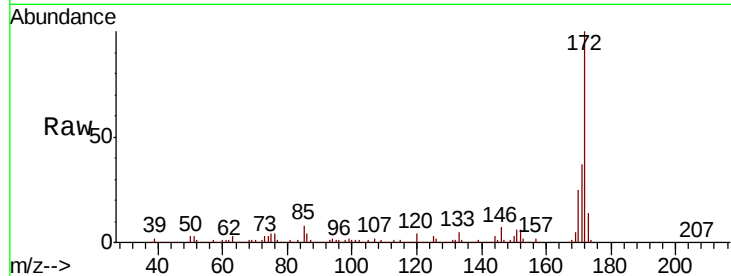
#45
2-Fluorobiphenyl
Concen: 77.769 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-008

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.2	20.6	31.0

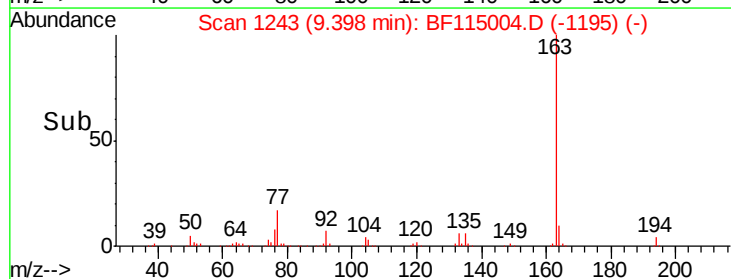
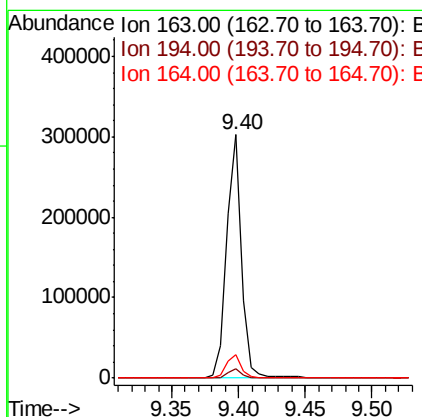
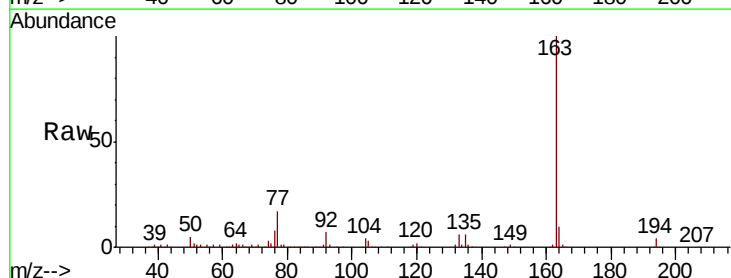
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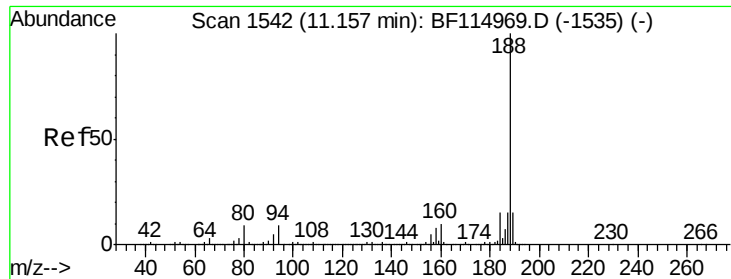
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#50
Dimethylphthalate
Concen: 6.832 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.7	8.6	12.8





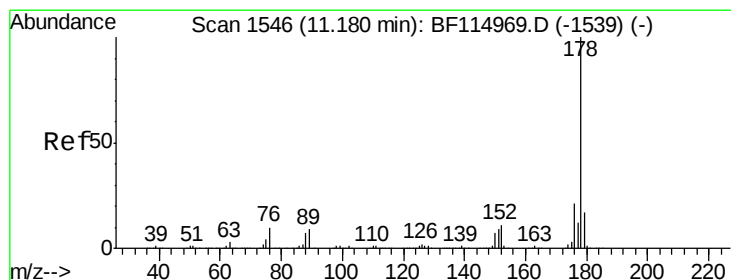
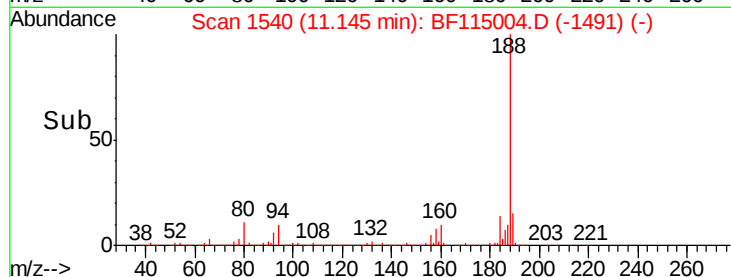
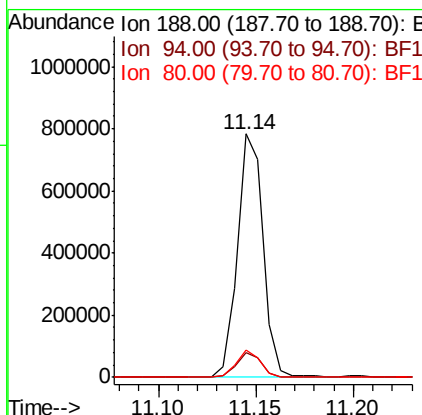
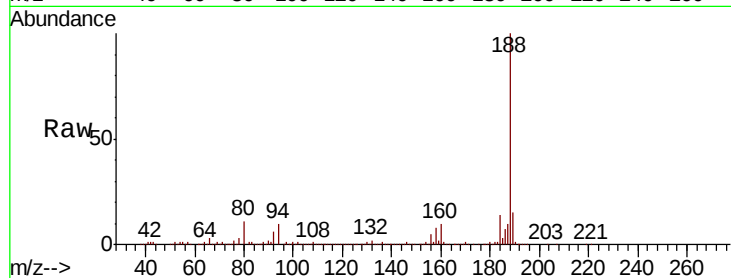
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-008

Tot Ion	Ratio	Resp	Lower	Upper
188	100	713704		
94	10.2		7.2	10.8
80	11.3		7.4	11.2#

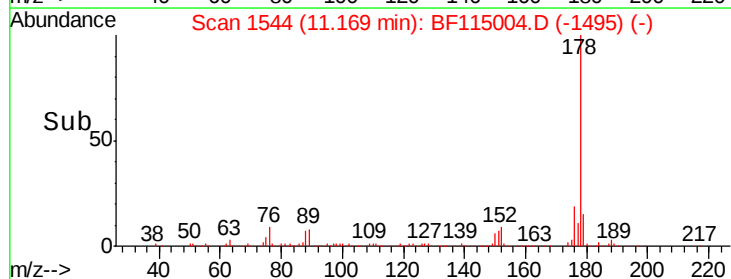
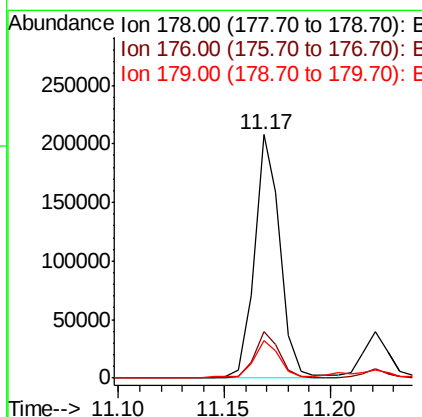
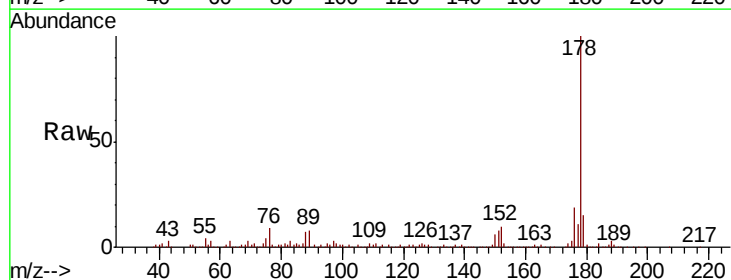
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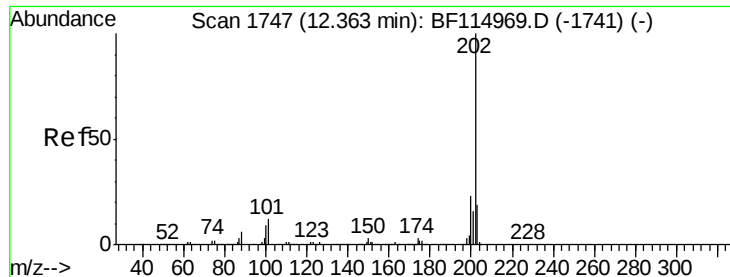
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#71
Phenanthrene
Concen: 4.741 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	174697		
176	19.0		16.9	25.3
179	15.4		13.4	20.0





#75

Fluoranthene

Concen: 4.409 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Instrument :

BNA_F

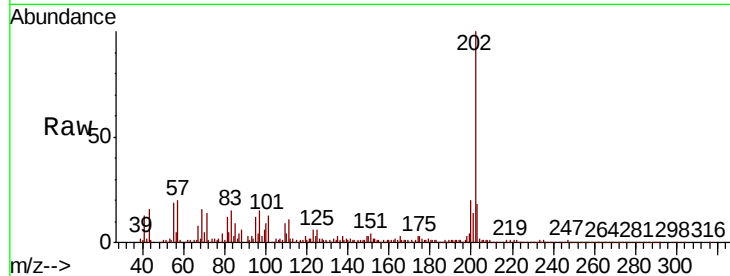
ClientSampled :

FK-0D015-03-008

Tot Ion	Ratio	Resp	Lower	Upper
202	100	166137		
101	12.8	0.0	32.4	
203	18.0	0.0	38.6	

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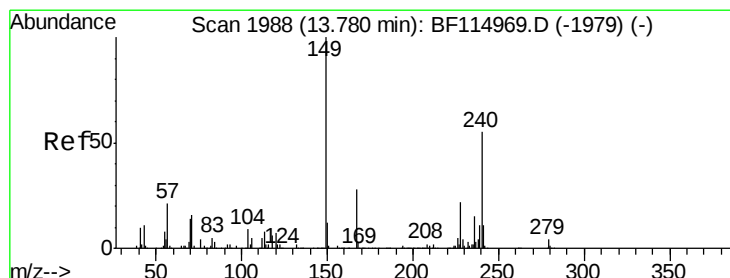
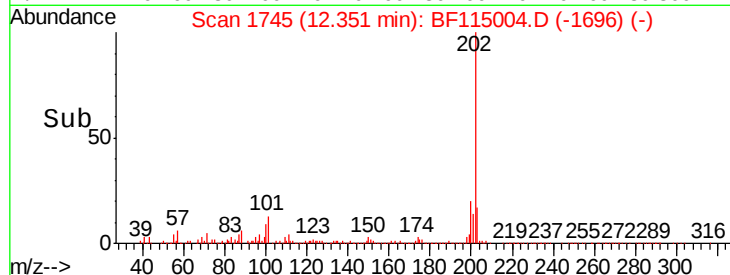
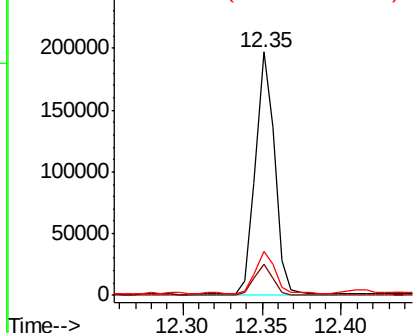


Abundance

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

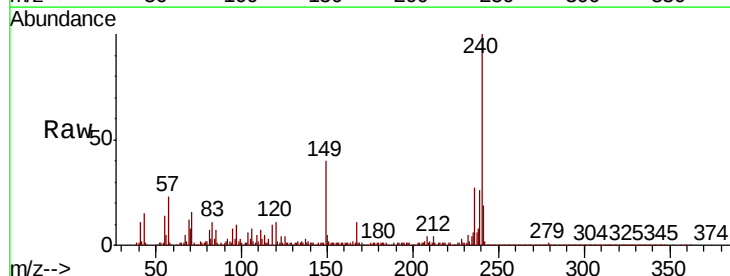
RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	476653		
120	11.4	10.0	15.0	
236	26.9	21.6	32.4	

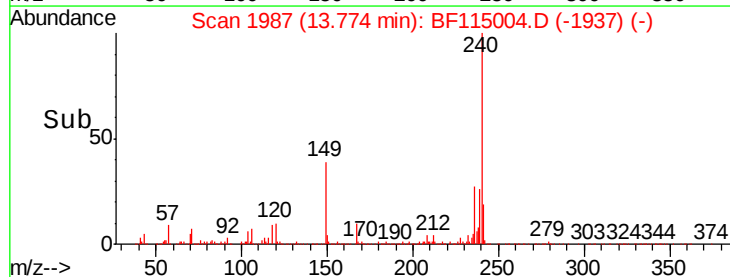
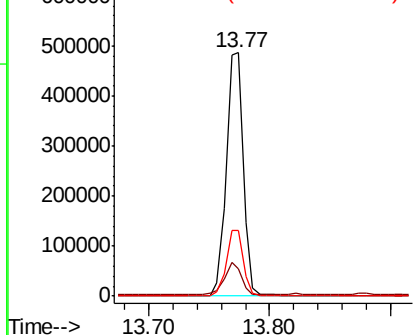


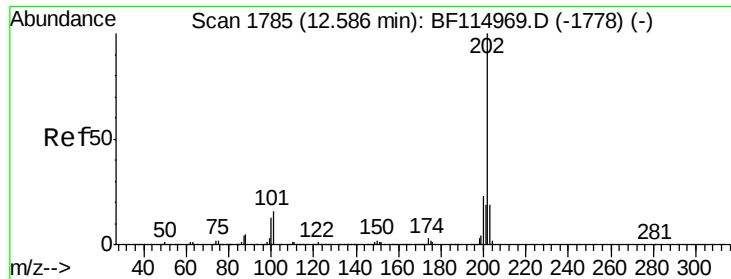
Abundance

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





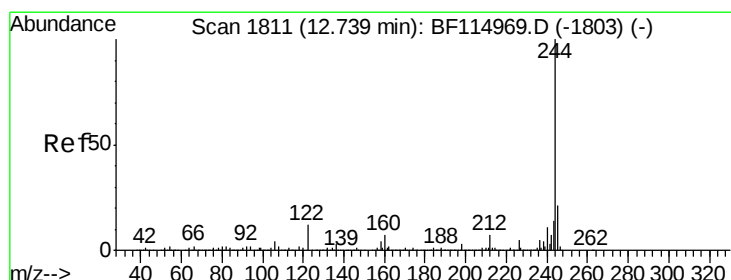
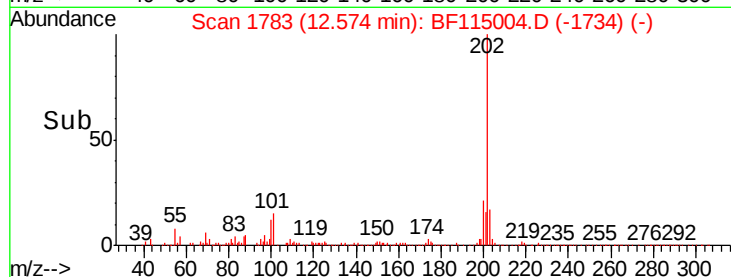
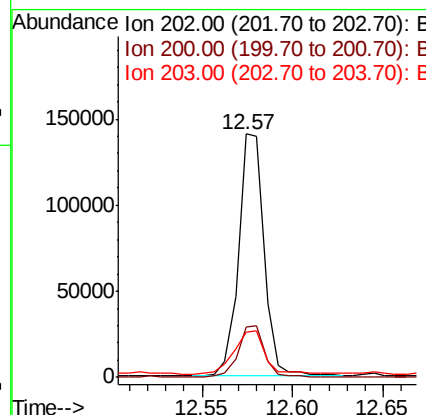
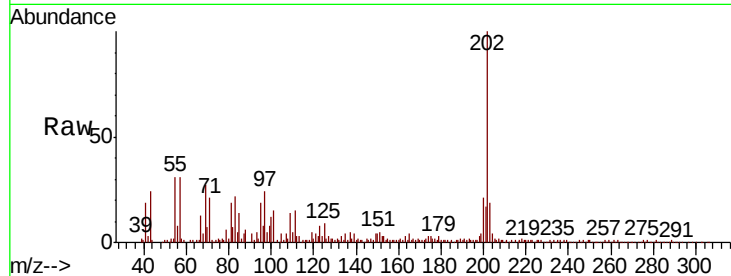
#78
Pvrene
Concen: 3.161 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-008

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.8	18.4	27.6		
203	18.5	14.9	22.3		

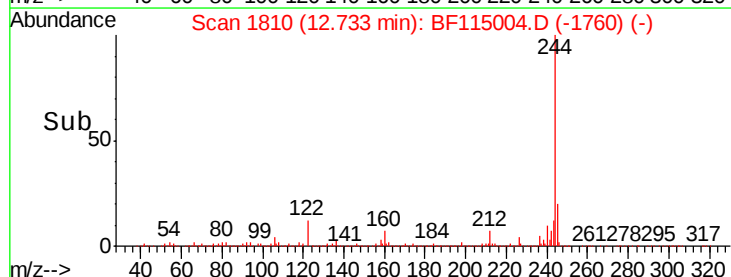
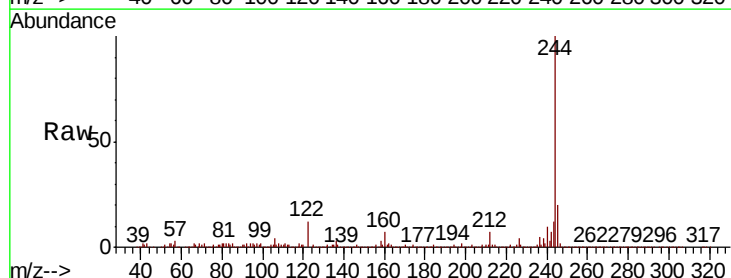
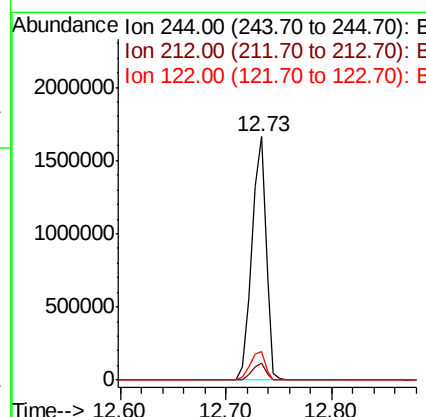
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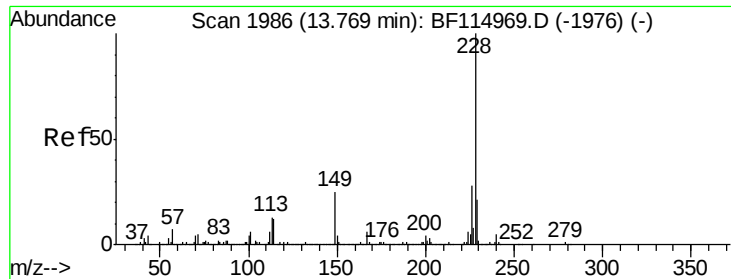
mohammad
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#79
Terphenyl-d14
Concen: 61.237 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF115004.D
Acq: 13 Jun 2019 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.0	5.8	8.8		
122	11.8	9.4	14.0		





#81

Benzo(a)anthracene

Concen: 2.012 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Instrument :

BNA_F

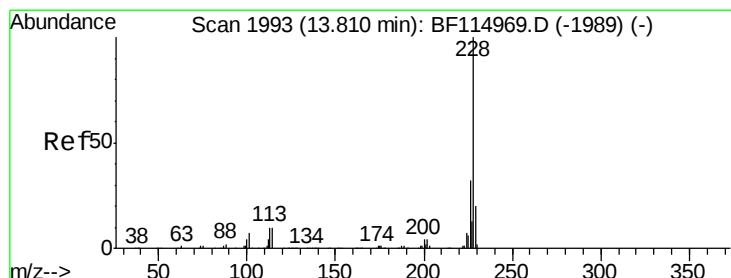
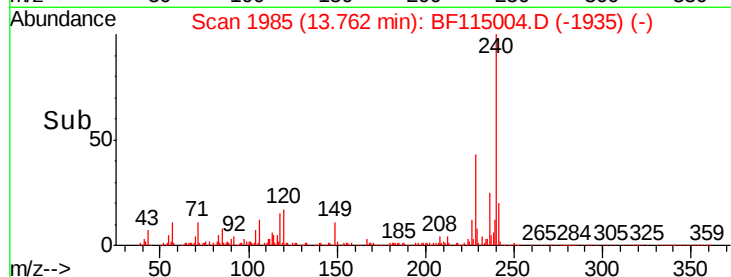
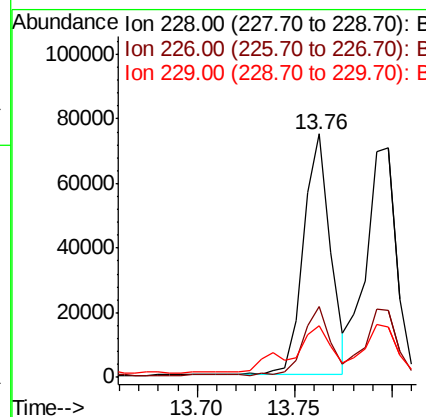
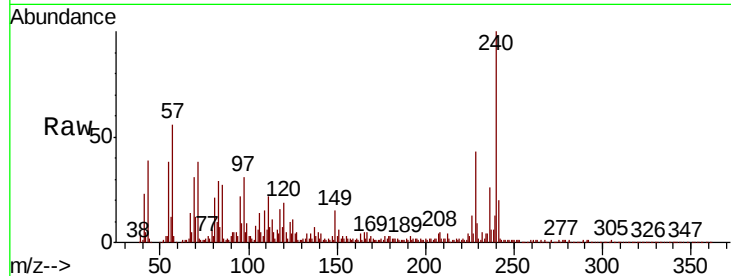
ClientSampleId :

FK-0D015-03-008

Tot Ion:	228	Resp:	71770
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.0	33.0
229	21.2	16.6	25.0

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#83

Chrysene

Concen: 2.188 ng

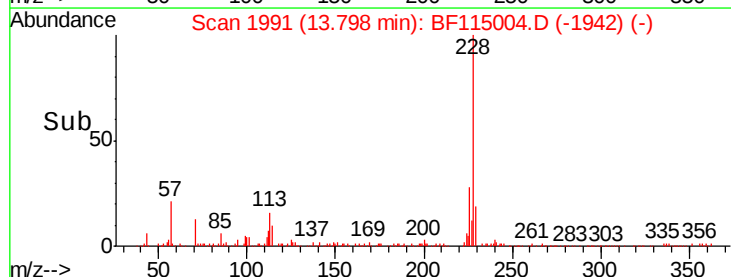
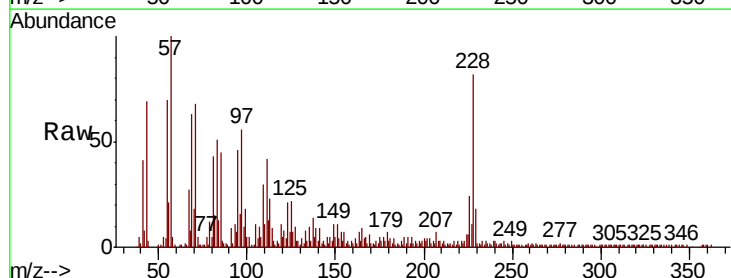
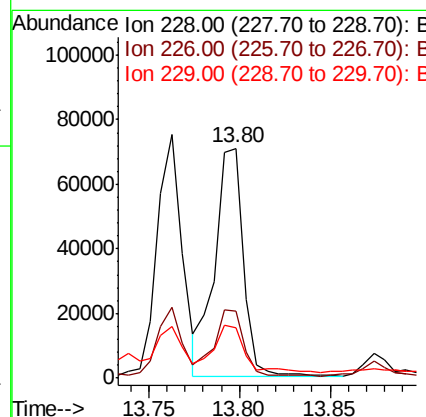
RT: 13.80 min Scan# 1991

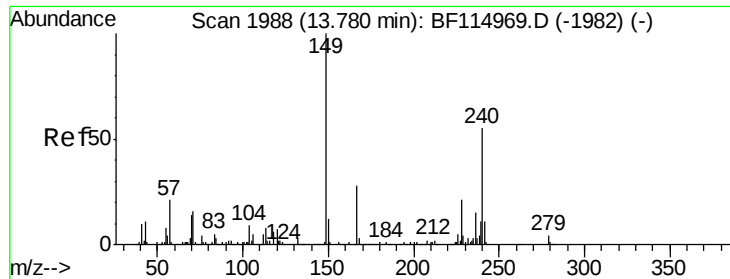
Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Tgt Ion:	228	Resp:	77619
Ion Ratio	Lower	Upper	
228	100		
226	28.9	25.4	38.0
229	21.8	16.4	24.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.777 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

Instrument :

BNA_F

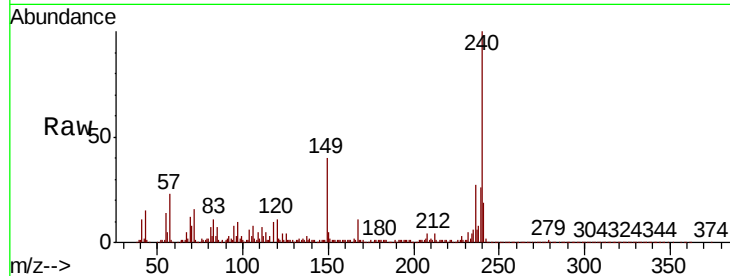
ClientSampleId :

FK-0D015-03-008

Tot Ion:	149	Resp:	162443
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.2	33.4
279	3.7	3.4	5.0

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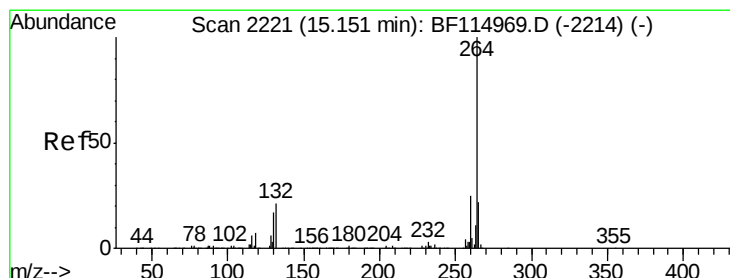
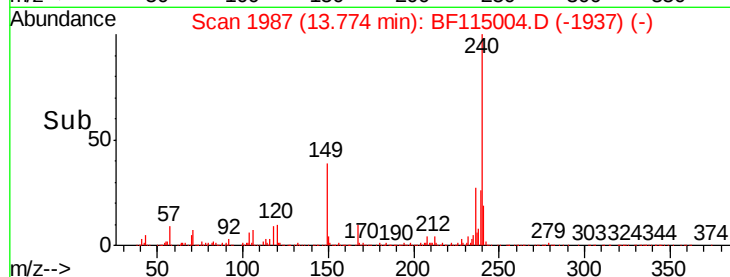
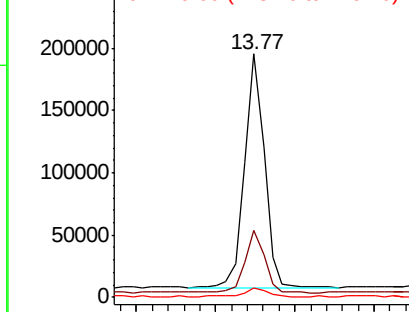


Abundance

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: 15.15 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF115004.D

Acq: 13 Jun 2019 15:38

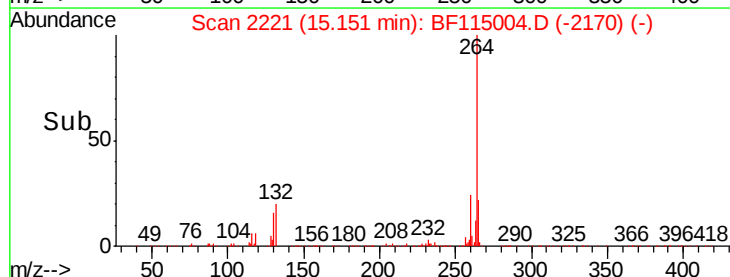
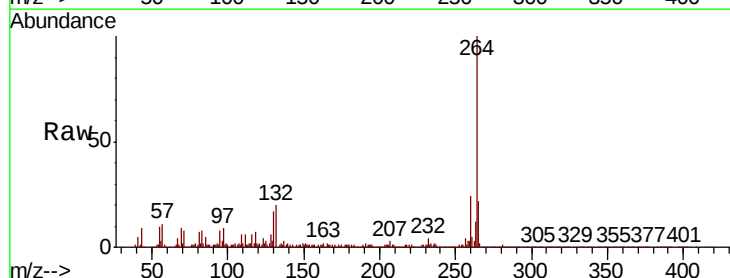
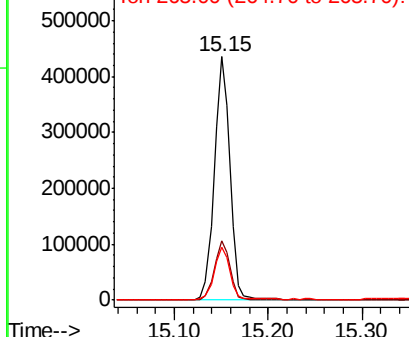
Tgt Ion:	264	Resp:	507174
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.9	29.9
265	21.8	17.6	26.4

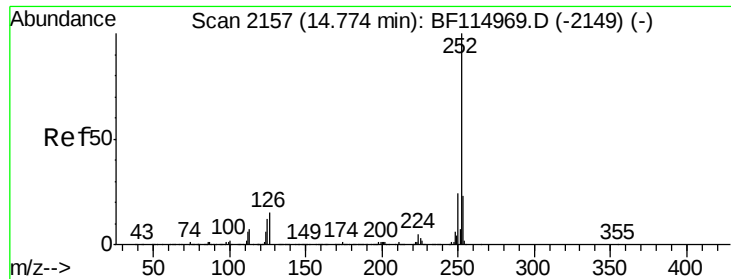
Abundance

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: 2.848 ng/ml
 RT: 14.77 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BF115004.D
 Acq: 13 Jun 2019 15:38

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-008

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	37.8	9.4	14.0

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