

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111840.D
 Acq On : 4 Jan 2019 00:00
 Operator : JU/SJ
 Sample : K1019-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-D-11-12-A

Manual Integrations
 APPROVED

Sohil
 1/4/2019 11:20:50 AM

Quant Time: Jan 04 09:56:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	242329	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	894050	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	406945	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	549710	20.00	ng	0.01
76) Chrysene-d12	14.07	240	477272	20.00	ng	0.02
87) Perylene-d12	15.56	264	253343	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1390034	97.77	ng	0.02
7) Phenol-d6	6.55	99	1822650	100.74	ng	0.02
23) Nitrobenzene-d5	7.46	82	1107906	72.13	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	334004	69.46	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2095687	75.06	ng	0.00
79) Terphenyl-d14	13.01	244	1246638	49.53	ng	0.01
Target Compounds						
10) Phenol	6.56	94	86991	4.261	ng	98
50) Dimethylphthalate	9.65	163	316744	10.644	ng	98
71) Phenanthrene	11.45	178	154562	5.302	ng	93
75) Fluoranthene	12.64	202	193512	6.555	ng	94
78) Pyrene	12.87	202	160173	4.752	ng	95
81) Benzo(a)anthracene	14.06	228	92081	3.381	ng	99
83) Chrysene	14.09	228	80832m	3.019	ng	
88) Benzo(b)fluoranthene	15.12	252	48774m	3.294	ng	
90) Benzo(a)pyrene	15.49	252	36309	2.699	ng	98

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

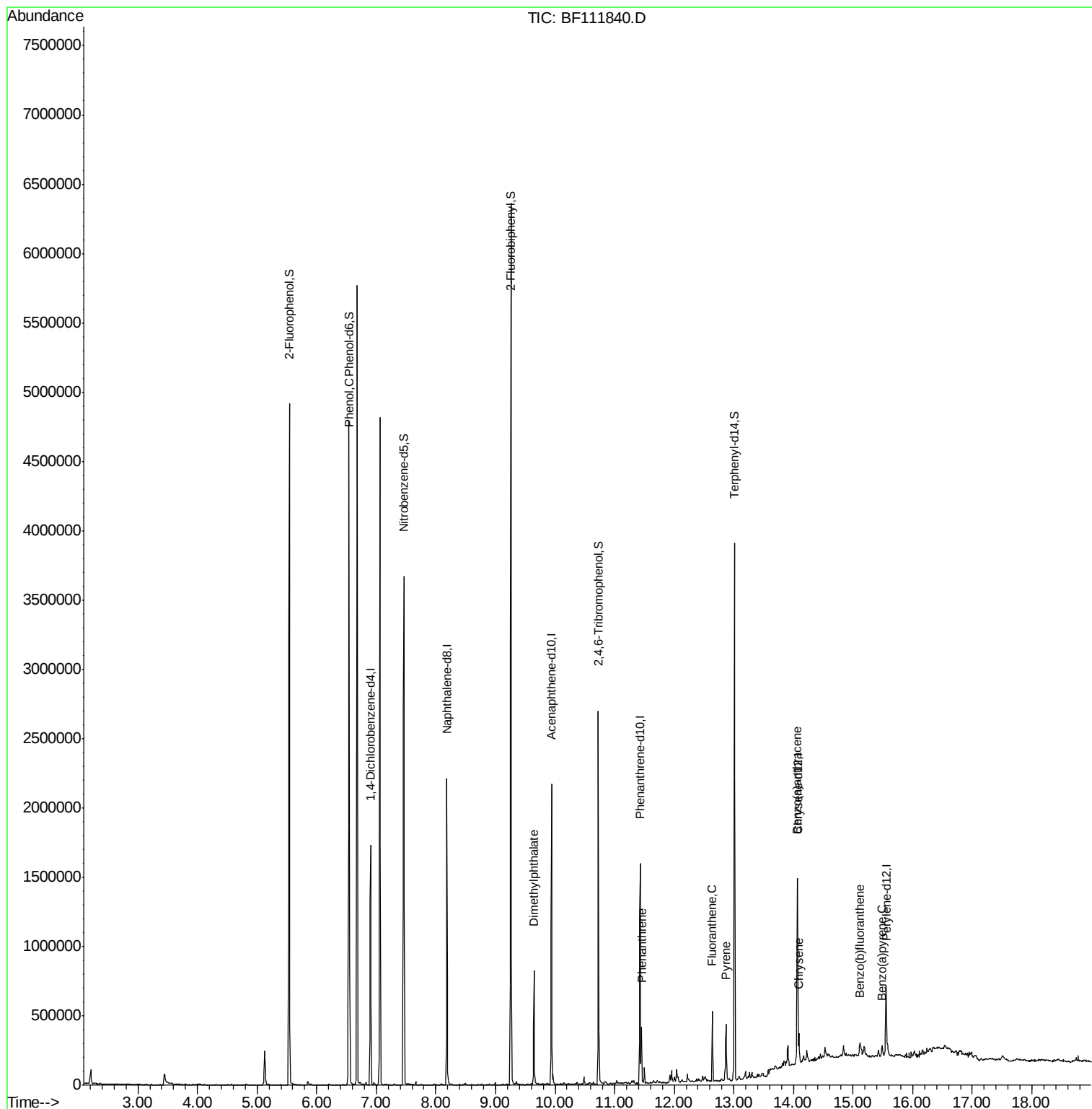
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111840.D
Acq On : 4 Jan 2019 00:00
Operator : JU/SJ
Sample : K1019-01
Misc :
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Instrument :
BNA_F
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TEST-PIT-D-11-12-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

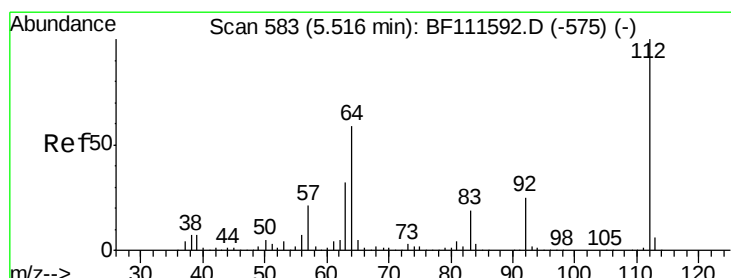
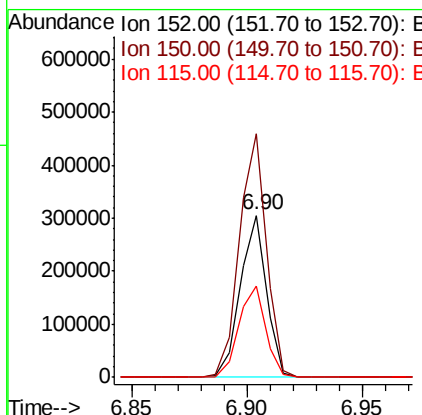
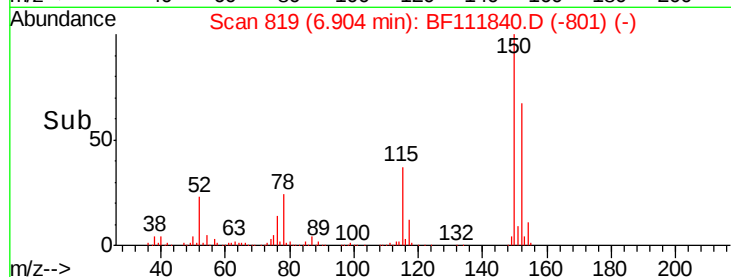
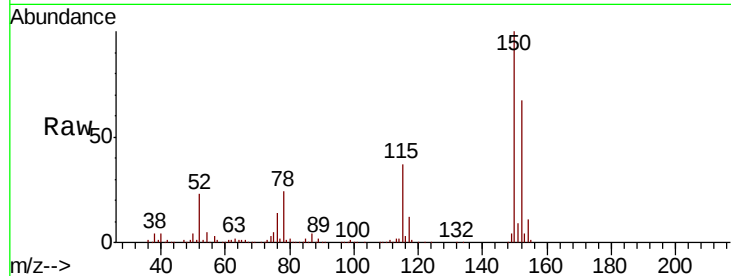
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.6	189.8
115	56.2	50.7	76.1

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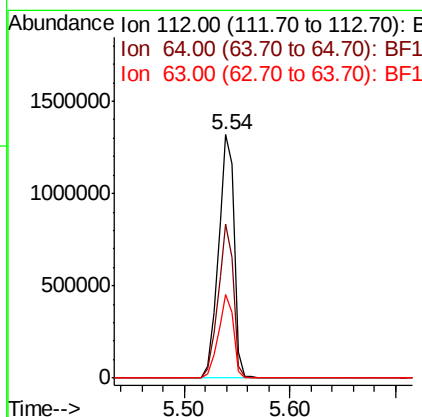
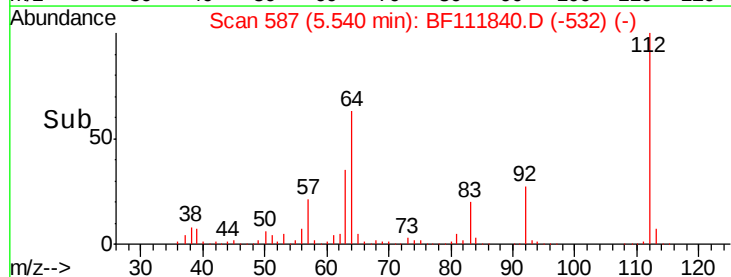
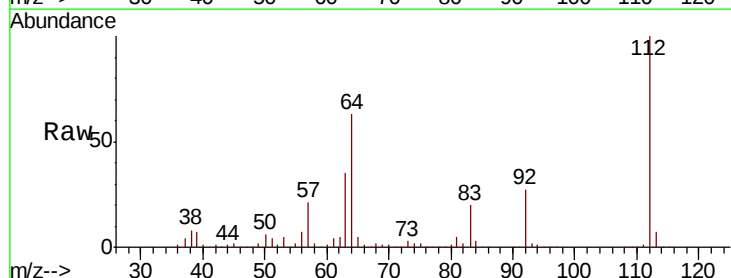
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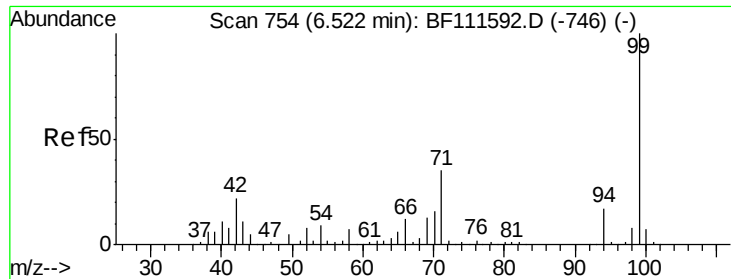


#5

2-Fluorophenol
Concen: 97.774 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.8	77.6
63	34.6	26.8	40.2





#7

Phenol-d6

Concen: 100.738 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111840.D

Acq: 4 Jan 2019 00:00

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-D-11-12-A

Tot Ion: 99 Resp: 1822650

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

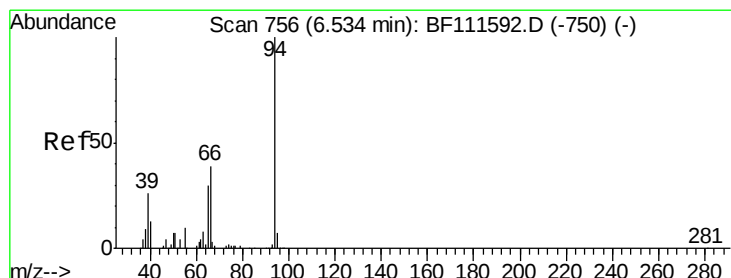
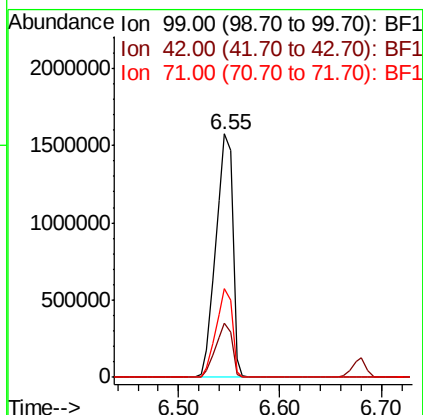
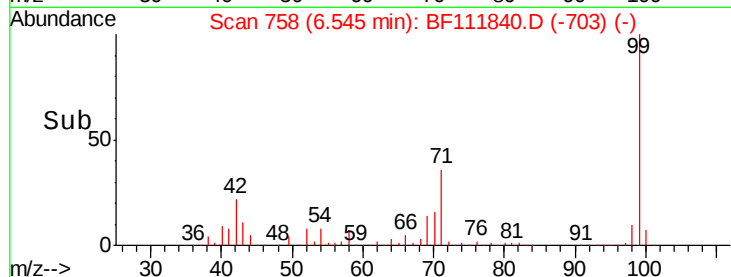
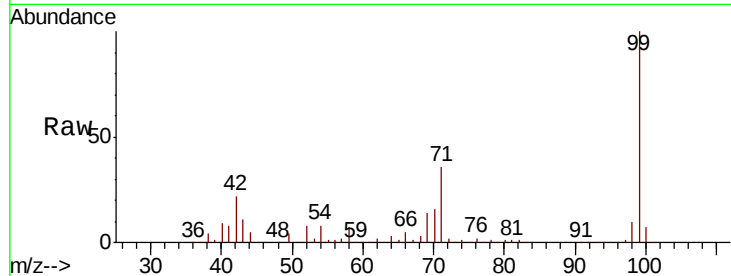
71 36.4 26.1 39.1

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#10

Phenol

Concen: 4.261 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111840.D

Acq: 4 Jan 2019 00:00

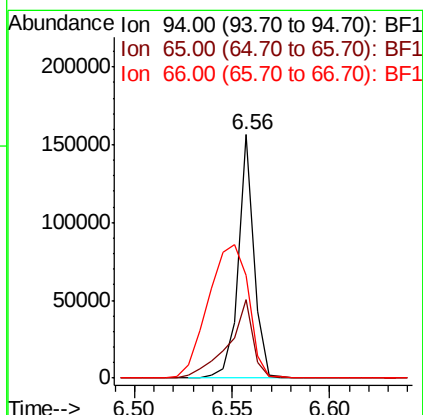
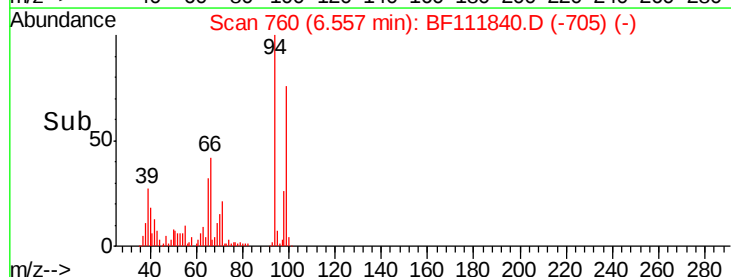
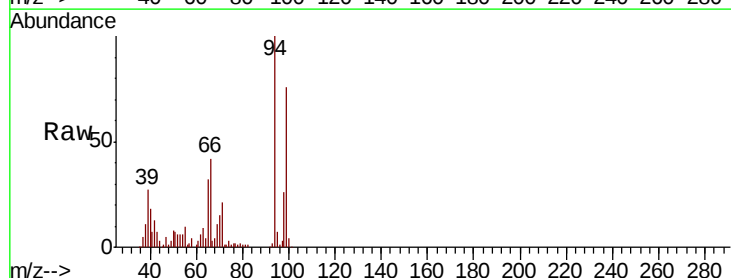
Tgt Ion: 94 Resp: 86991

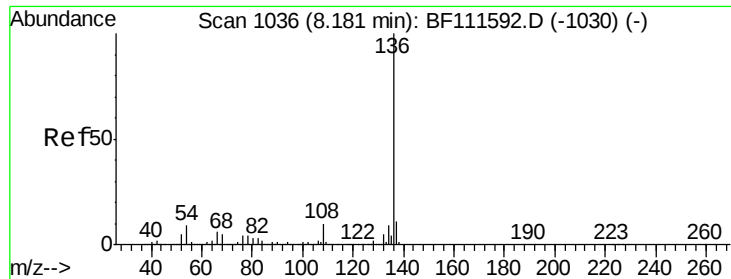
Ion Ratio Lower Upper

94 100

65 32.2 11.7 51.7

66 42.4 21.0 61.0





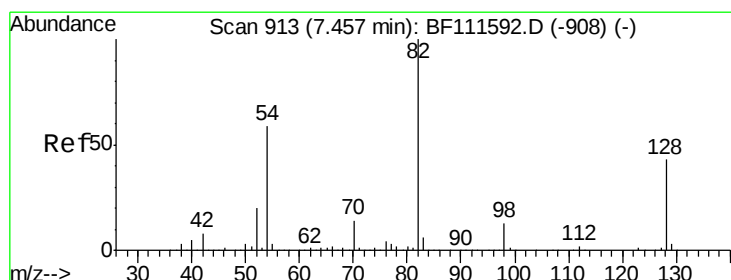
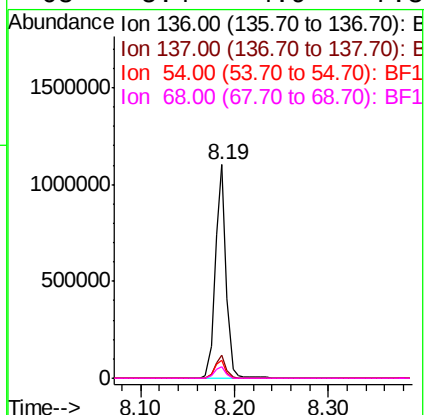
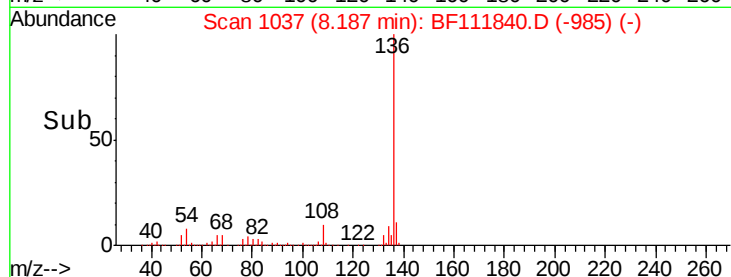
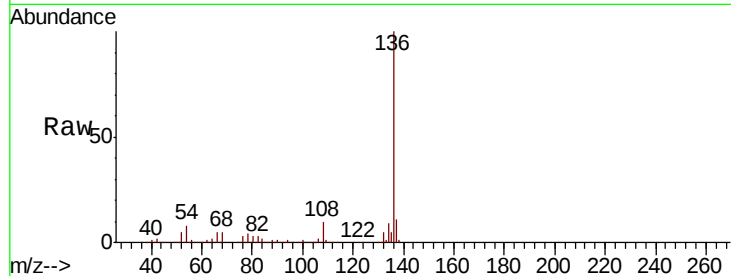
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100	894050		
137	11.1		9.1	13.7
54	8.3		7.7	11.5
68	5.4		4.9	7.3

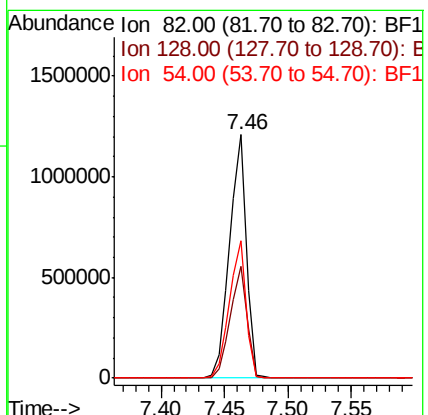
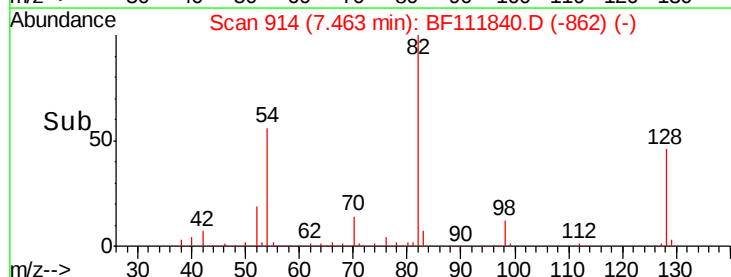
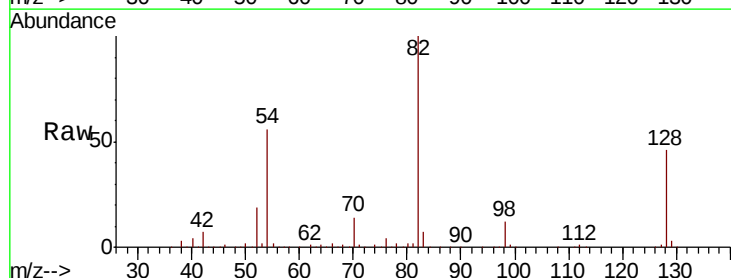
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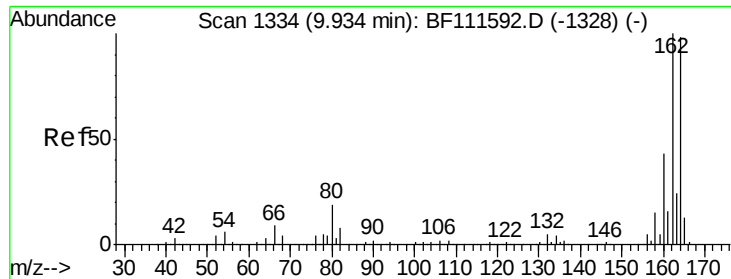
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#23
Nitrobenzene-d5
Concen: 72.131 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1107906		
128	45.9		37.4	56.2
54	56.3		47.6	71.4





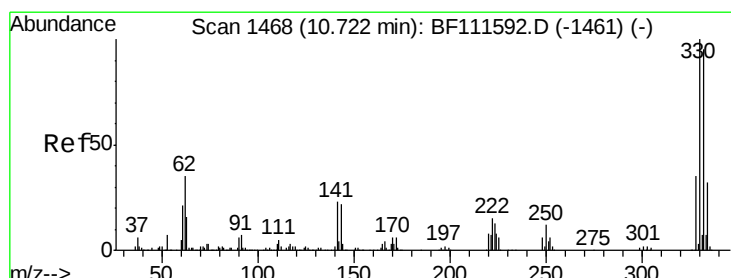
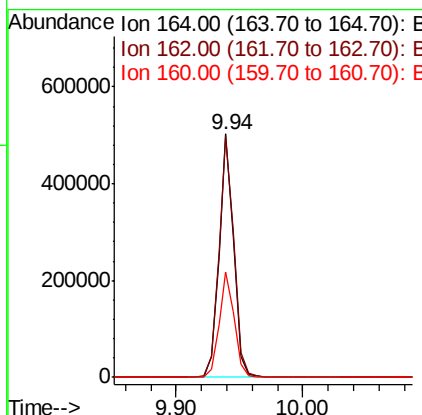
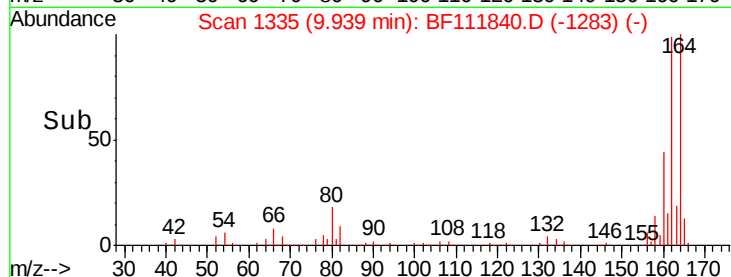
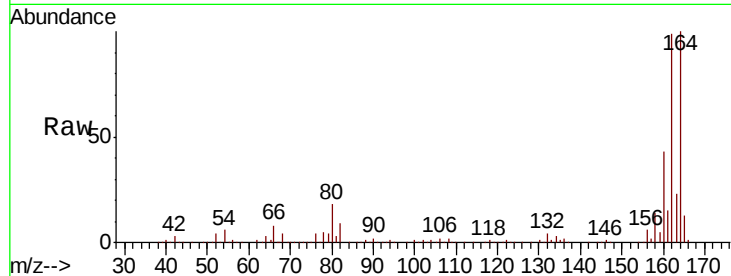
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.0	81.4	122.0	
160	43.5	35.7	53.5	

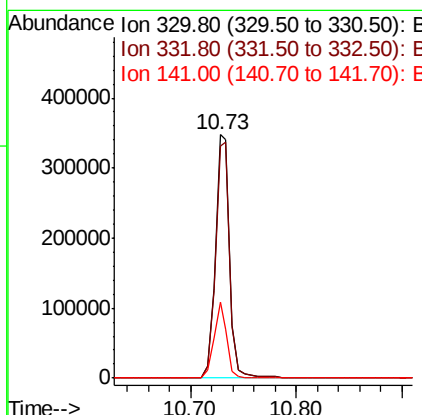
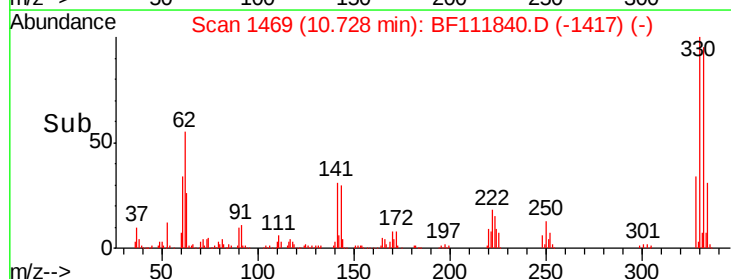
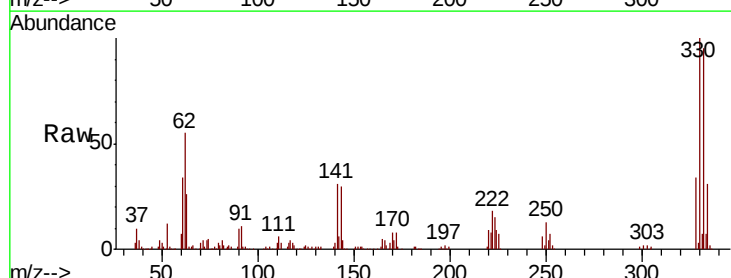
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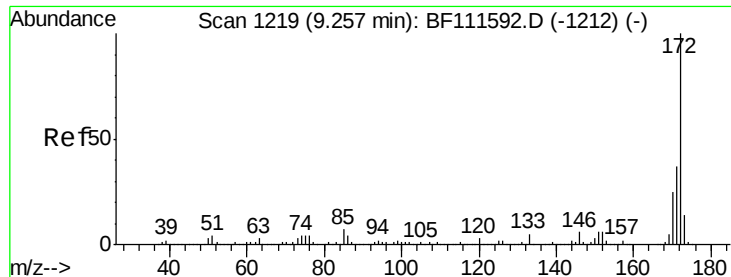
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#42
2,4,6-Tribromophenol
Concen: 69.463 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	76.0	114.0	
141	28.2	31.0	46.6#	





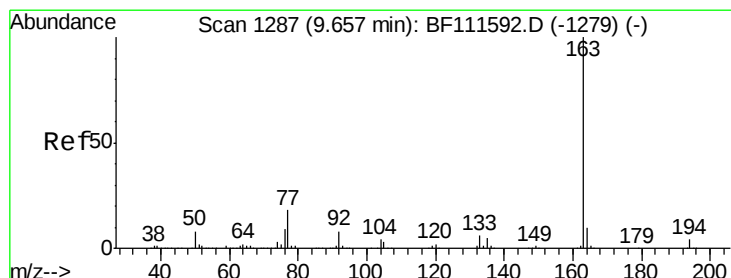
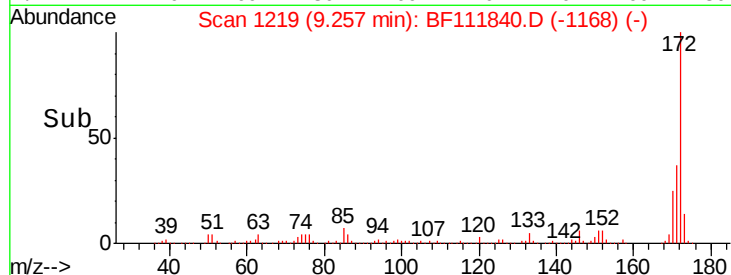
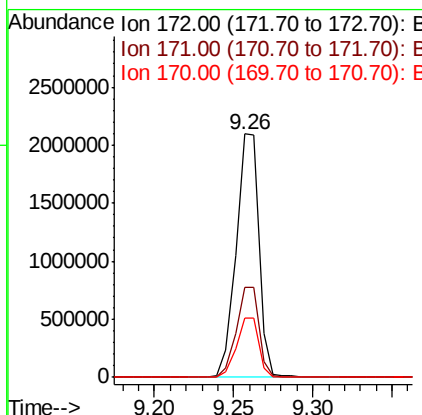
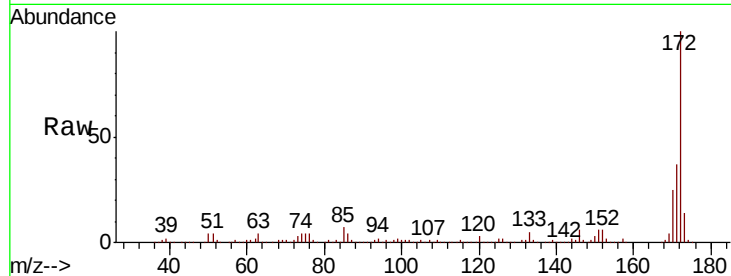
#45
2-Fluorobiphenyl
Concen: 75.062 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	33.0	49.4
170	24.6	22.3	33.5

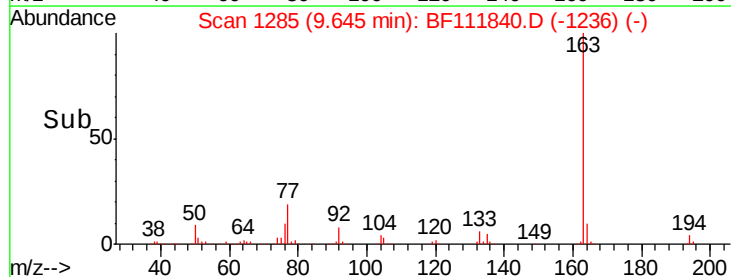
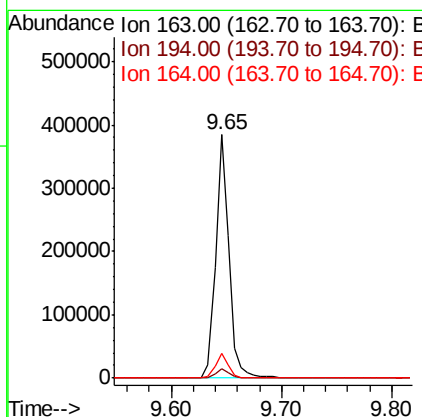
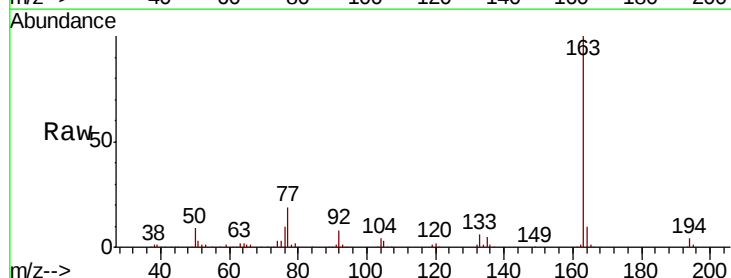
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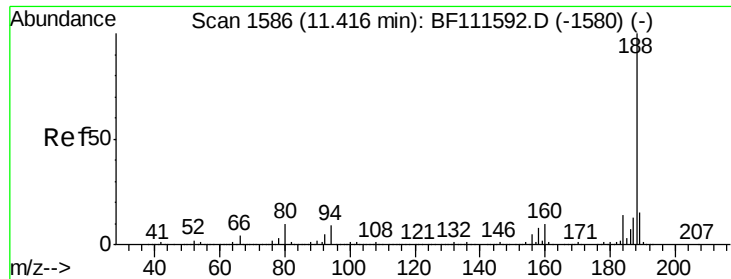
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#50
Dimethylphthalate
Concen: 10.644 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.1	8.9	13.3





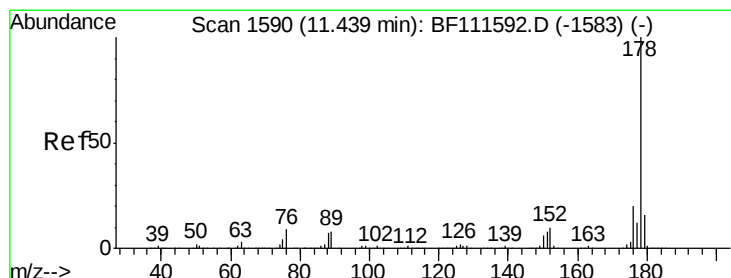
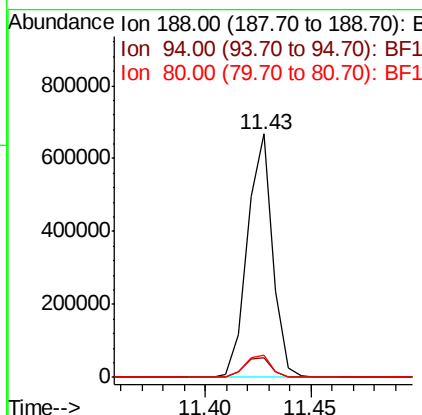
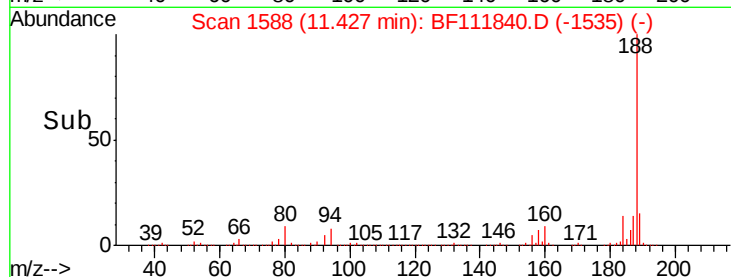
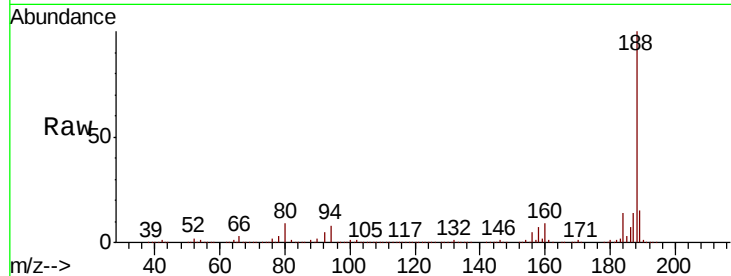
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	549710		
94	8.3		9.6	14.4#
80	9.0		9.8	14.6#

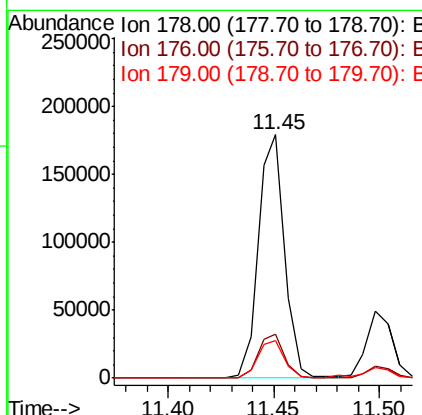
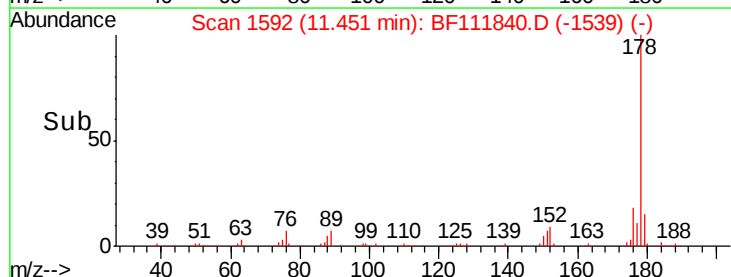
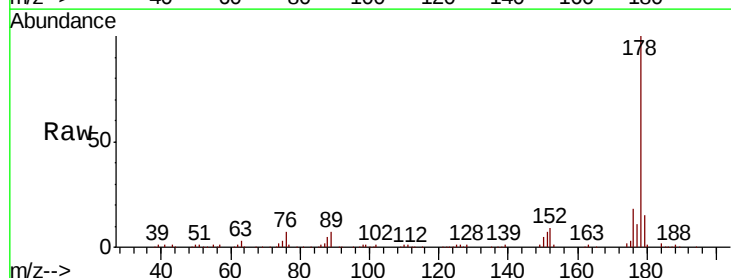
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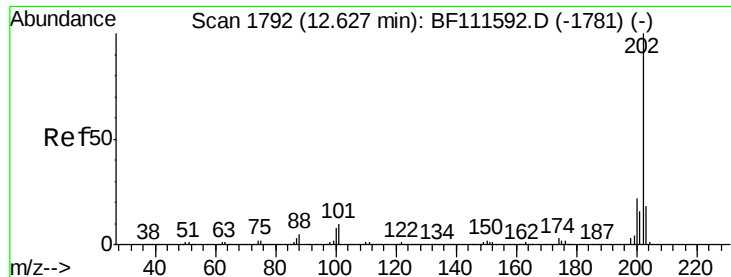
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#71
Phenanthrene
Concen: 5.302 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	154562		
176	18.3		18.1	27.1
179	15.2		14.0	21.0





#75

Fluoranthene

Concen: 6.555 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111840.D

Acq: 4 Jan 2019 00:00

Instrument :

BNA_F

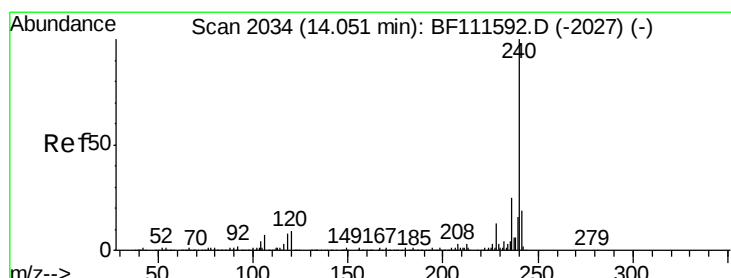
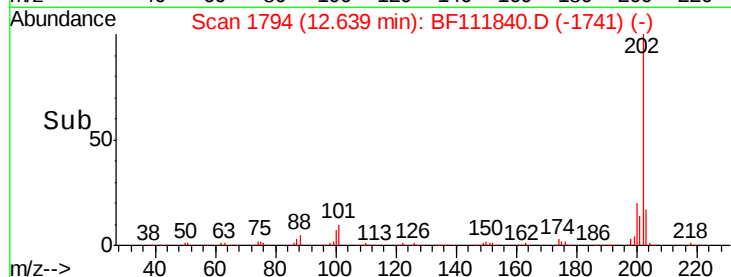
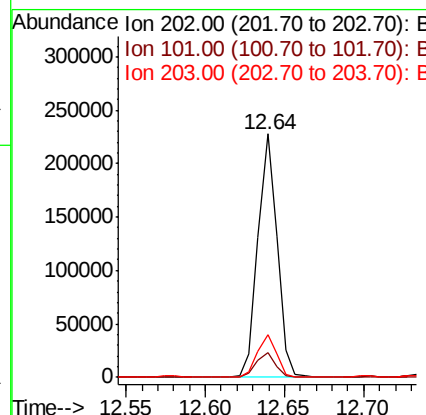
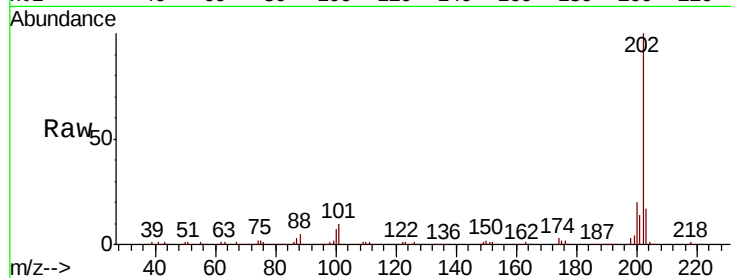
ClientSampleId :

TEST-PIT-D-11-12-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	33.8
203	17.3	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

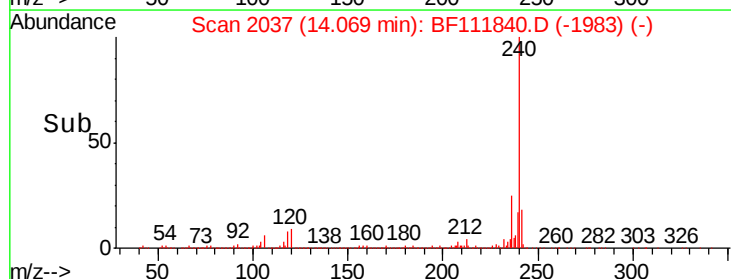
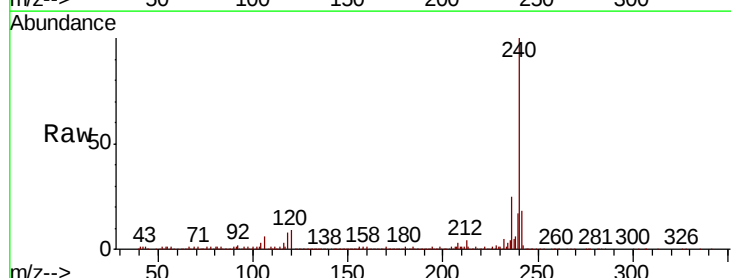
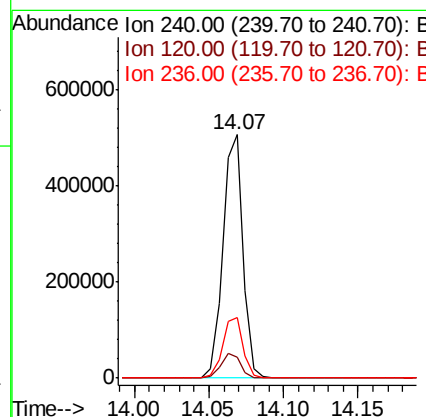
RT: 14.07 min Scan# 2037

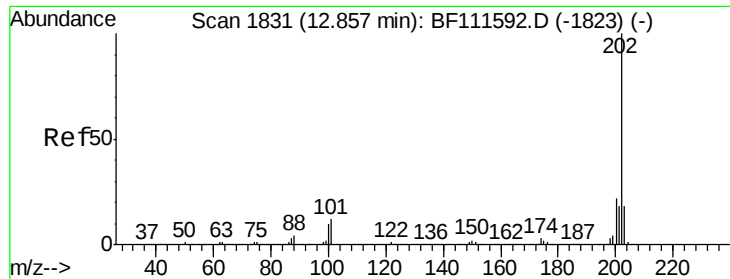
Delta R.T. 0.02 min

Lab File: BF111840.D

Acq: 4 Jan 2019 00:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	12.2	18.2#
236	24.7	20.2	30.2





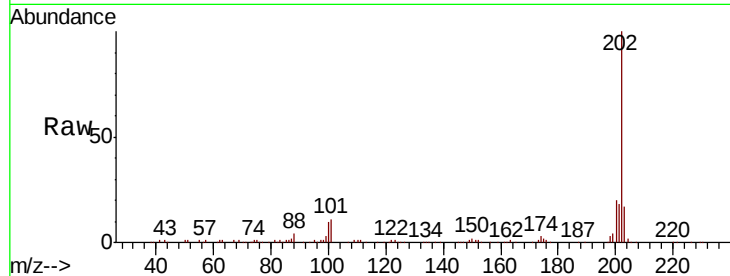
#78
Pvrene
Concen: 4.752 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	19.0	28.4
203	17.4	15.2	22.8

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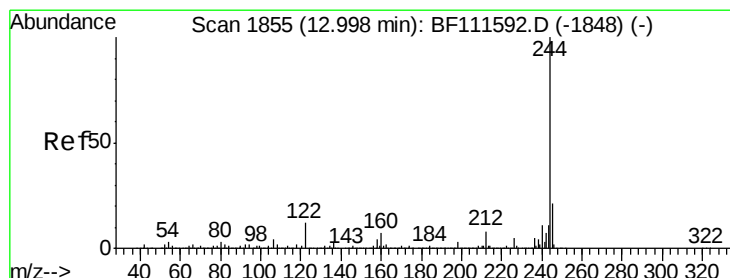
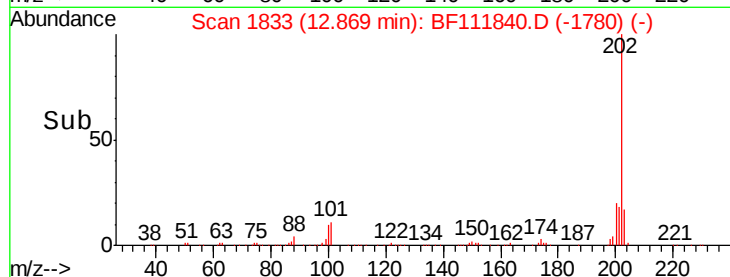
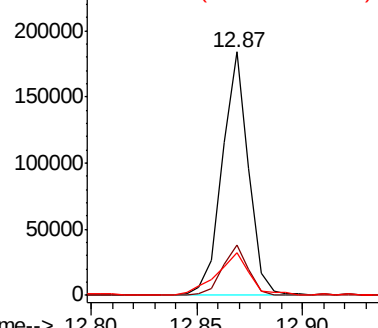


Abundance

Ion 202.00 (201.70 to 202.70): E

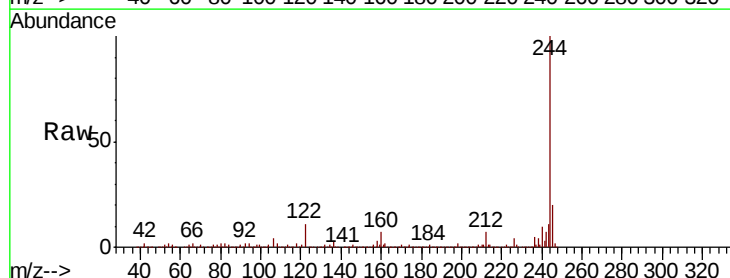
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 49.535 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.8	13.1	19.7

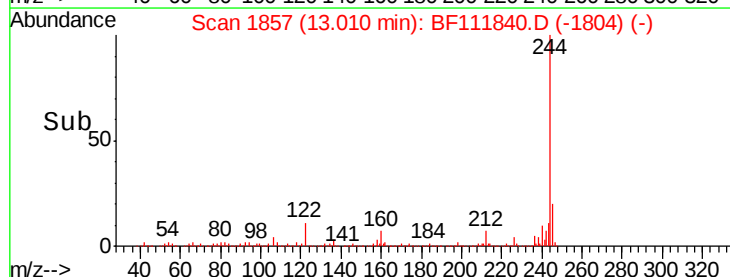
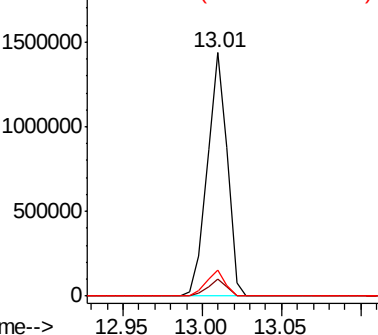


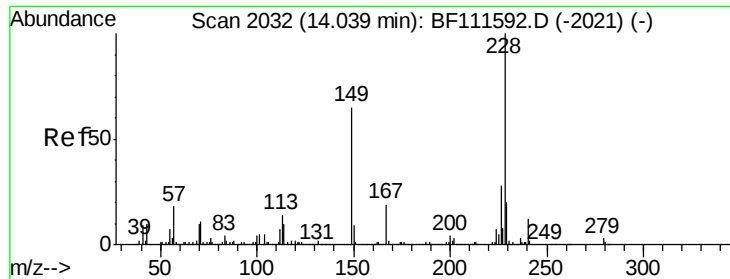
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





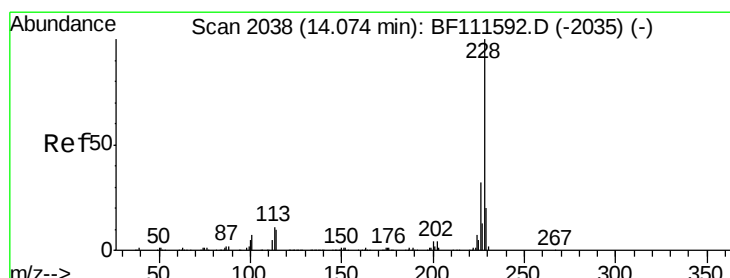
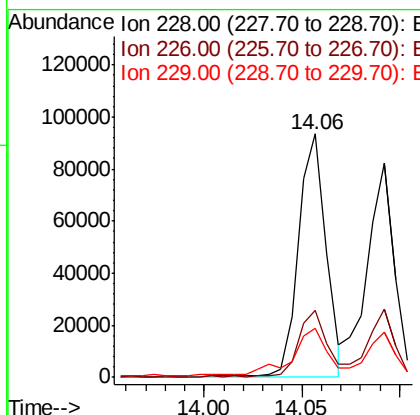
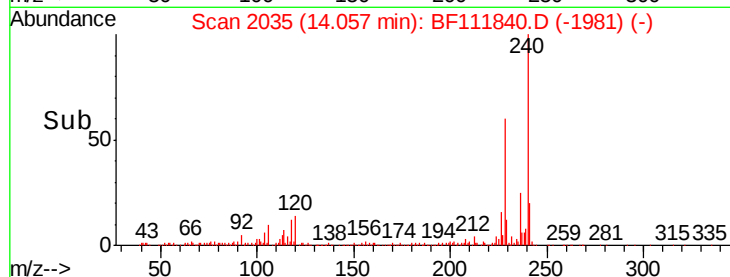
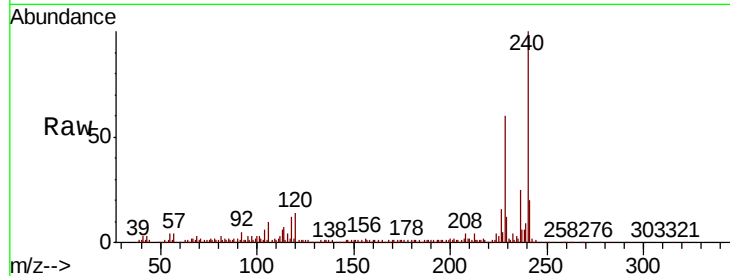
#81
Benzo(a)anthracene
Concen: 3.381 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-D-11-12-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	20.4	16.3	24.5

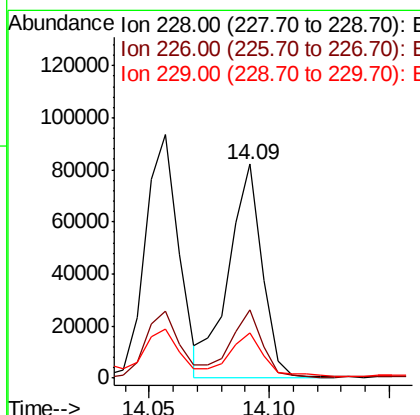
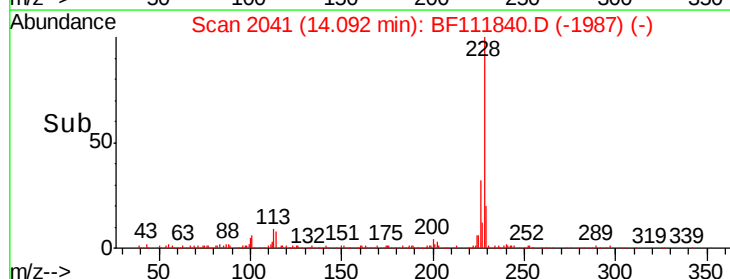
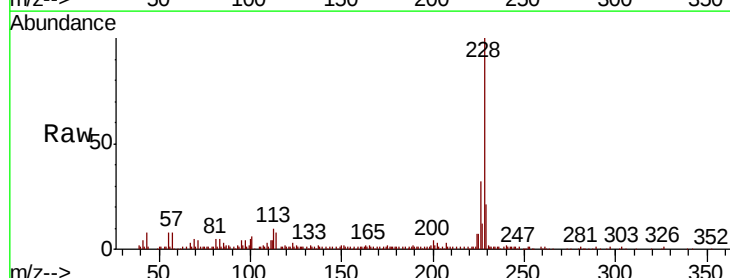
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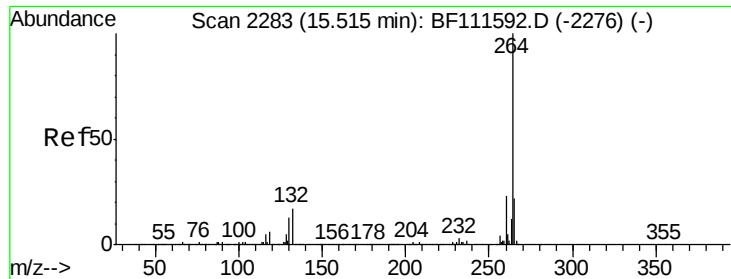
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#83
Chrysene
Concen: 3.019 ng m
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111840.D
Acq: 4 Jan 2019 00:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.3	37.9
229	21.1	17.2	25.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111840.D

Acq: 4 Jan 2019 00:00

Instrument :

BNA_F

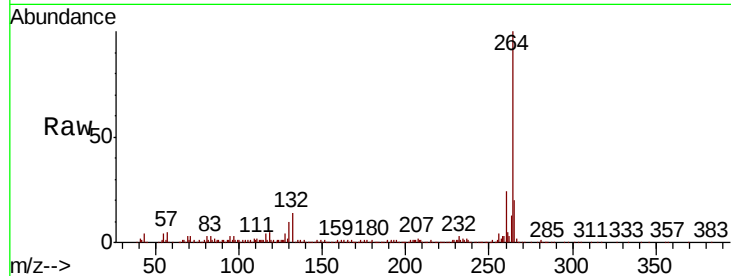
ClientSampleId :

TEST-PIT-D-11-12-A

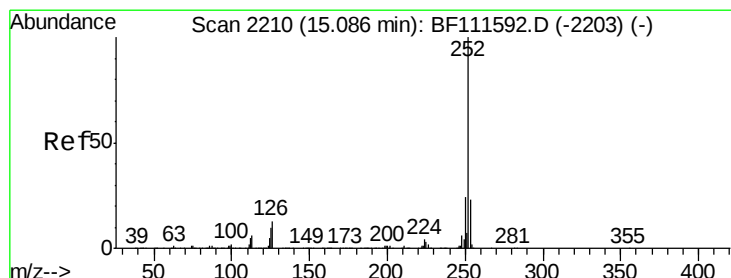
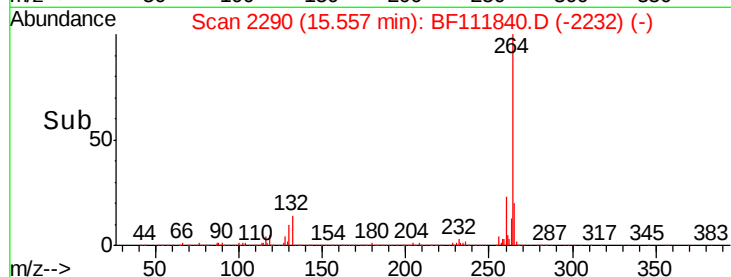
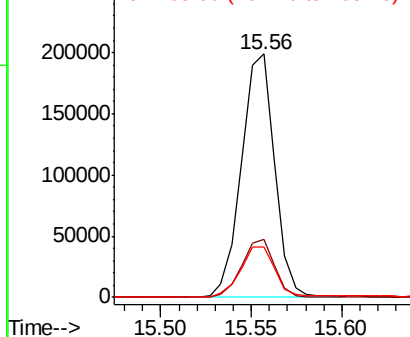
Tot Ion:	264	Resp:	253343
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.3	27.5
265	20.4	17.7	26.5

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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: 3.294 ng m

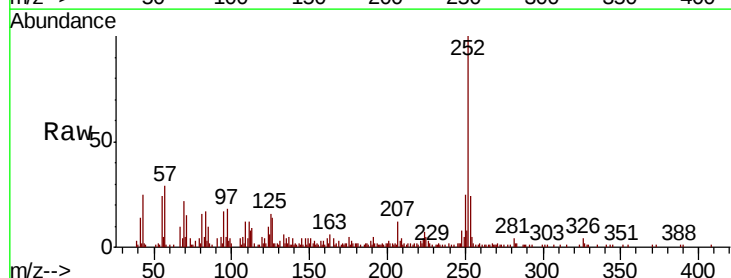
RT: 15.12 min Scan# 2215

Delta R.T. 0.03 min

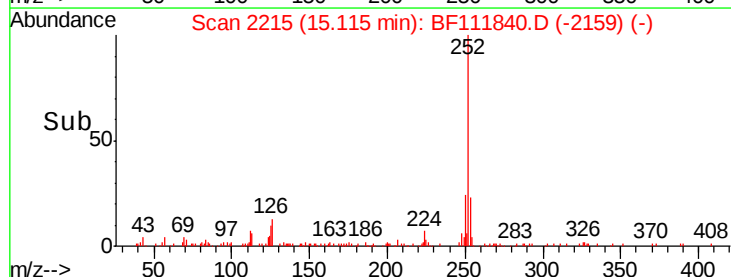
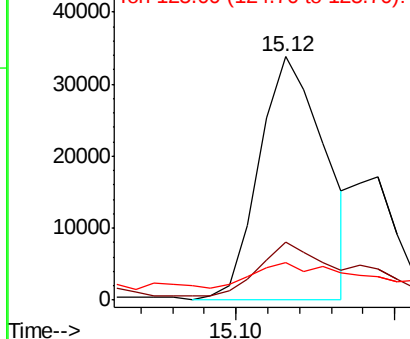
Lab File: BF111840.D

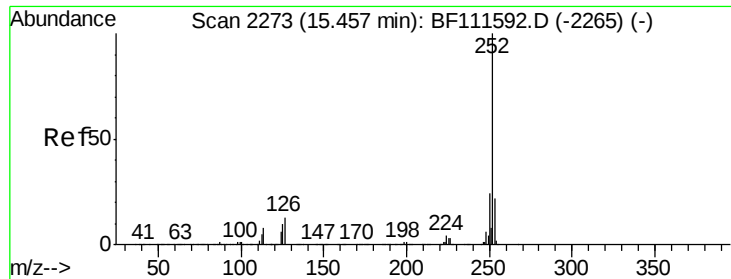
Acq: 4 Jan 2019 00:00

Tgt Ion:	252	Resp:	48774
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.2	27.2
125	15.6	10.4	15.6#



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: 2.699 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.03 min
 Lab File: BF111840.D
 Acq: 4 Jan 2019 00:00

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-D-11-12-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	15.5	12.3	18.5

Manual Integrations
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