

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115510.D
 Acq On : 11 Jul 2019 22:28
 Operator : HP/JU
 Sample : K3751-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-TEST-PIT

Quant Time: Jul 12 03:16:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	149251	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	598426	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	302193	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	589965	20.00	ng	0.00
76) Chrysene-d12	14.05	240	383823	20.00	ng	-0.02
87) Perylene-d12	15.53	264	434391	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	787134	81.48	ng	0.00
7) Phenol-d6	6.52	99	1037544	84.45	ng	0.00
23) Nitrobenzene-d5	7.45	82	626932	61.90	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	307884	92.15	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1147832	66.65	ng	0.00
79) Terphenyl-d14	13.00	244	1296311	69.15	ng	0.00

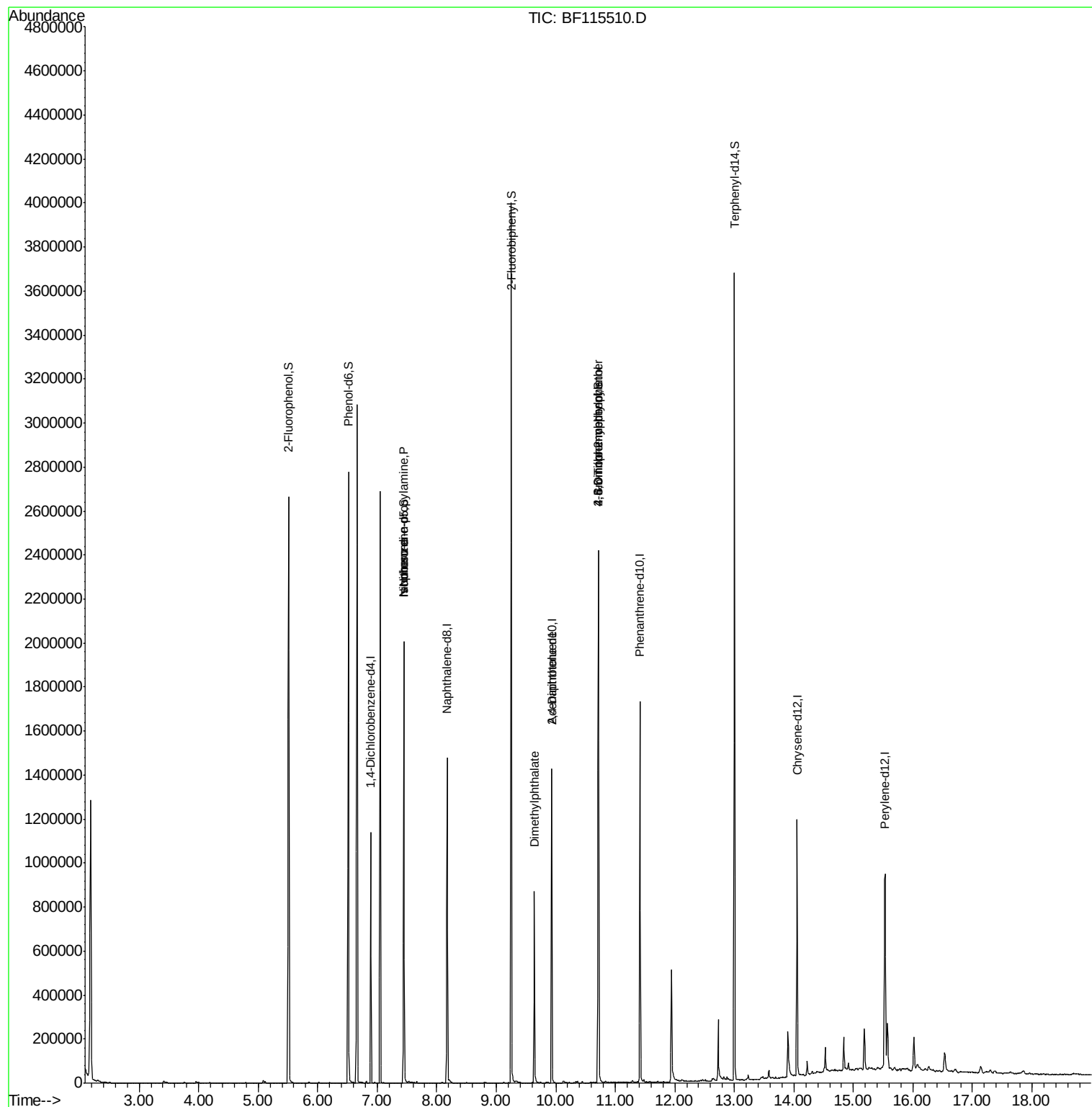
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	1568	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	81627	9.821	ng	# 76
25) Isophorone	7.45	82	619145	28.202	ng	# 64
50) Dimethylphthalate	9.64	163	340569	15.015	ng	# 99
57) 2,4-Dinitrotoluene	9.93	165	37187	5.948	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	588	7.992	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	18713	2.827	ng	# 1
86) Indeno(1,2,3-cd)pyrene	17.00	276	1618	Below Cal	#	65

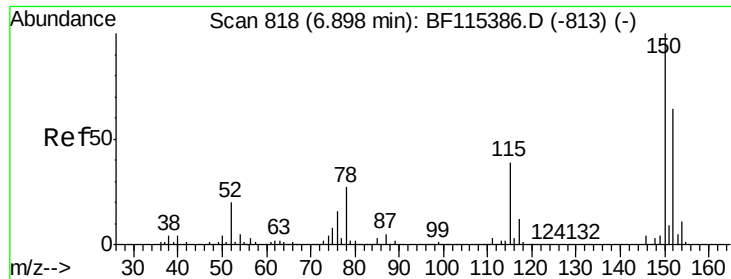
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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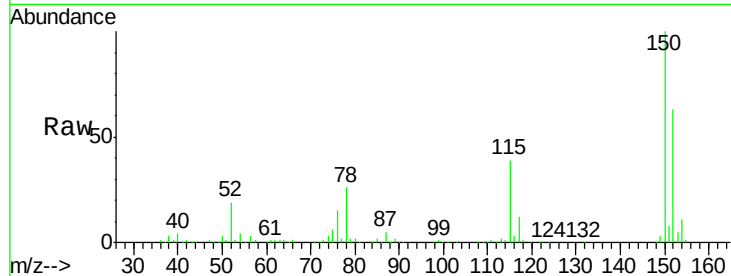


#1

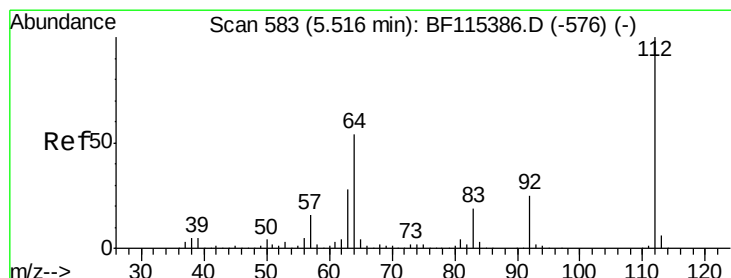
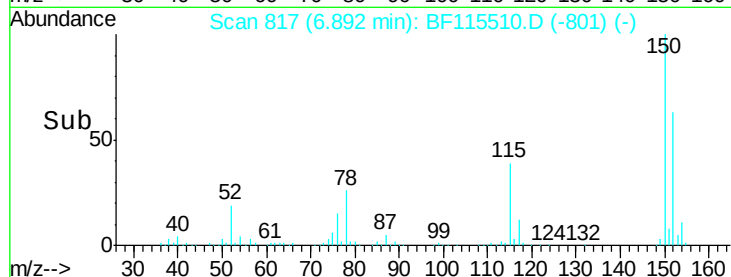
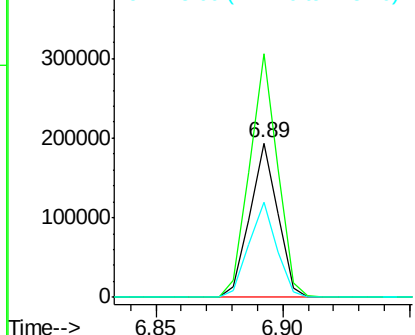
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tot Ion:152 Resp: 149251
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.2
115 61.8 46.2 69.4



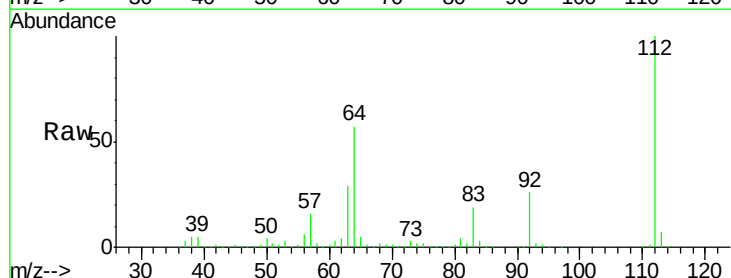
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



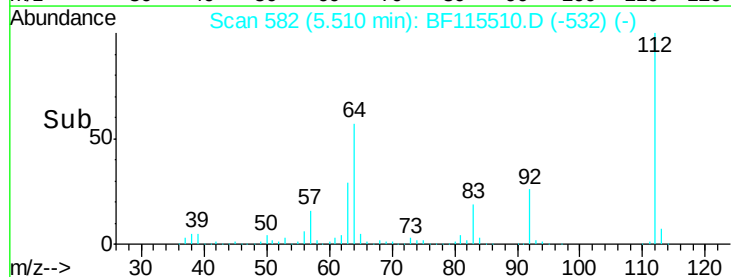
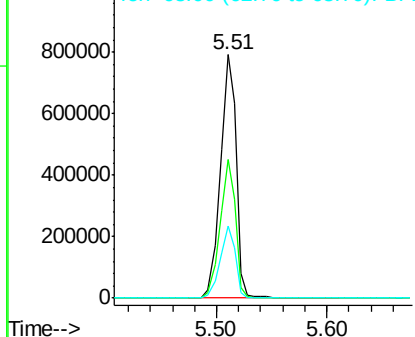
#5

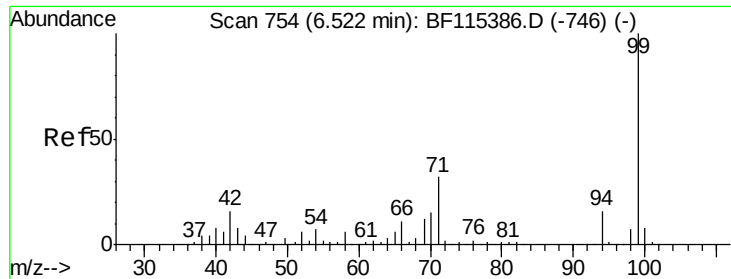
2-Fluorophenol
Concen: 81.483 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:112 Resp: 787134
Ion Ratio Lower Upper
112 100
64 57.1 44.2 66.2
63 29.4 22.1 33.1



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: 84.452 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115510.D

Acq: 11 Jul 2019 22:28

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-TEST-PIT

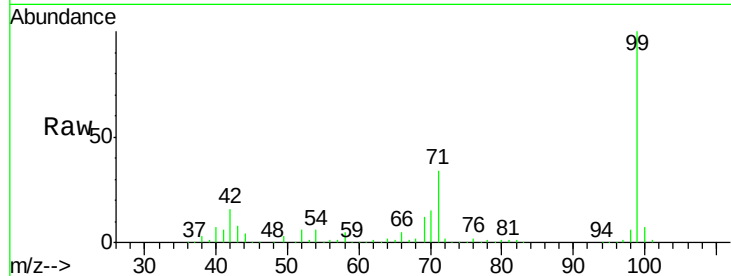
Tot Ion: 99 Resp: 1037544

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

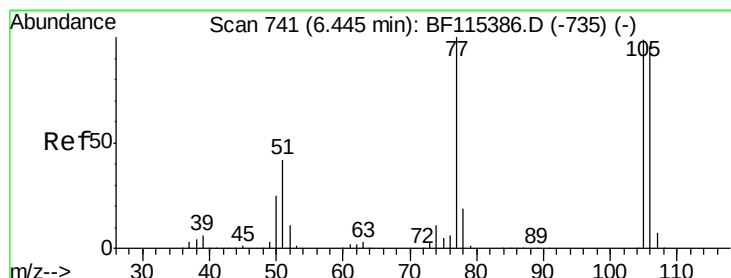
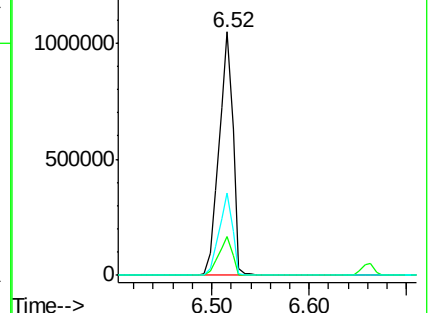
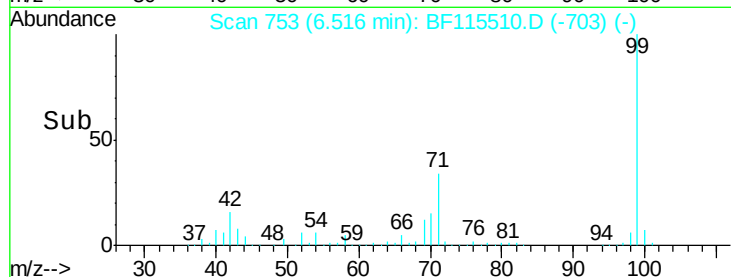
71 33.7 26.5 39.7



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.52 min Scan# 753

Delta R.T. 0.07 min

Lab File: BF115510.D

Acq: 11 Jul 2019 22:28

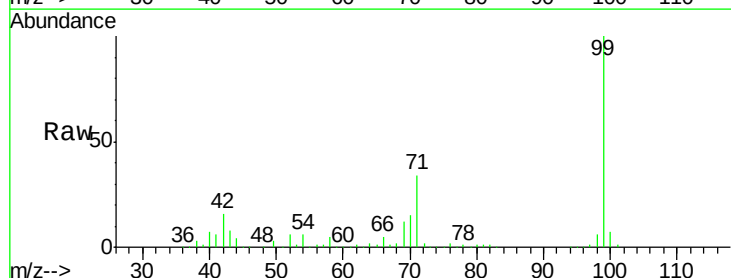
Tgt Ion: 77 Resp: 1568

Ion Ratio Lower Upper

77 100

105 0.0 82.9 122.9#

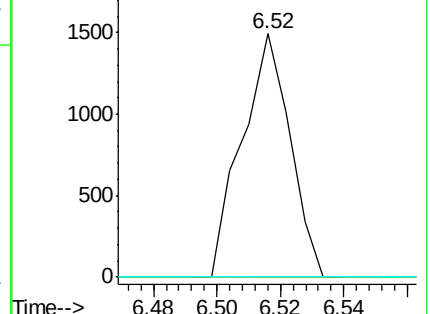
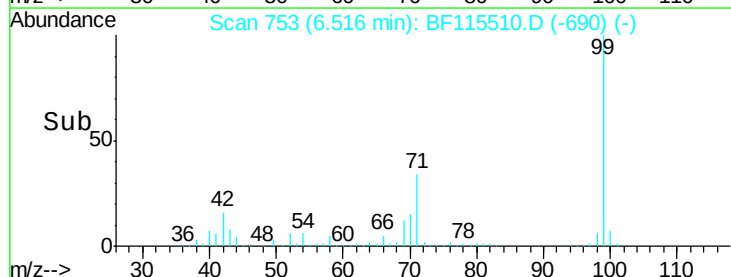
106 0.0 77.8 117.8#

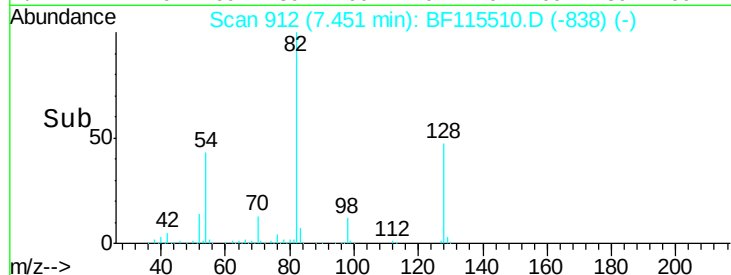
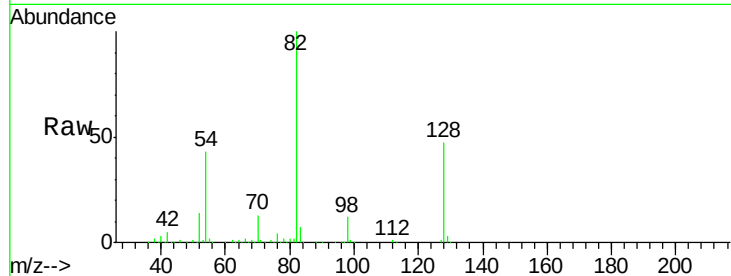
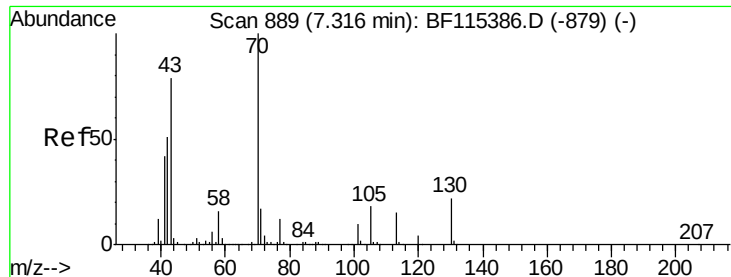


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

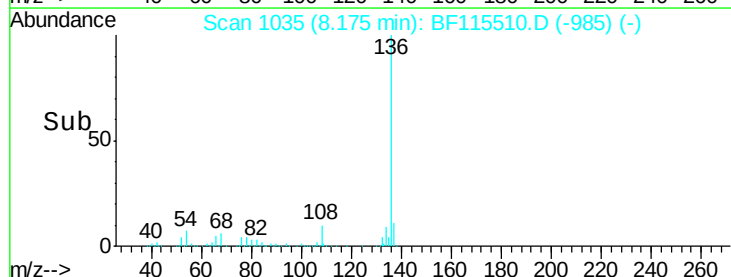
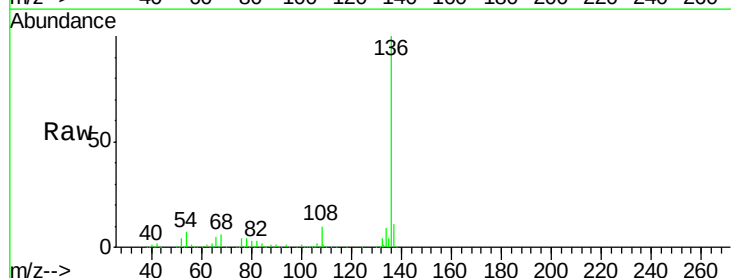
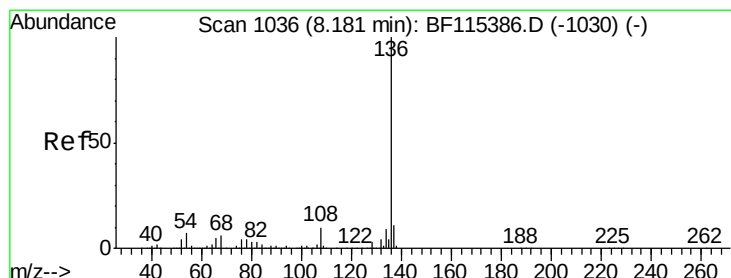
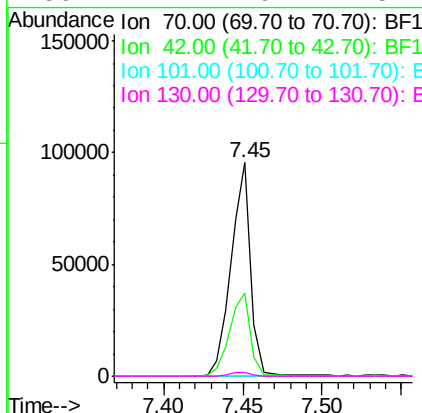




#19
n-Nitroso-di-n-propylamine
Concen: 9.821 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

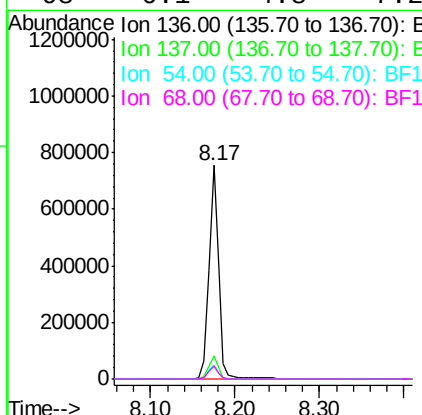
Instrument :
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DUCT-BANK-TEST-PIT

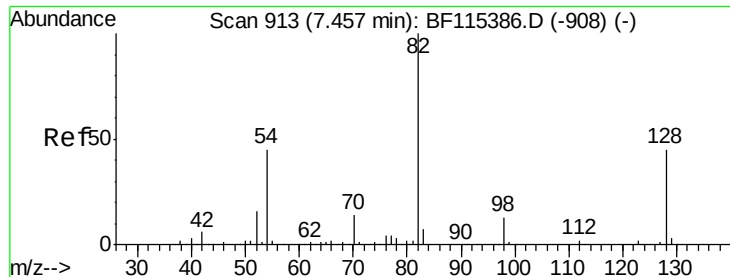
Tot Ion: 70 Resp: 81627
Ion Ratio Lower Upper
70 100
42 39.3 38.5 57.7
101 0.0 8.0 12.0#
130 2.1 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion: 136 Resp: 598426
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.7 5.4 8.0
68 6.1 4.8 7.2

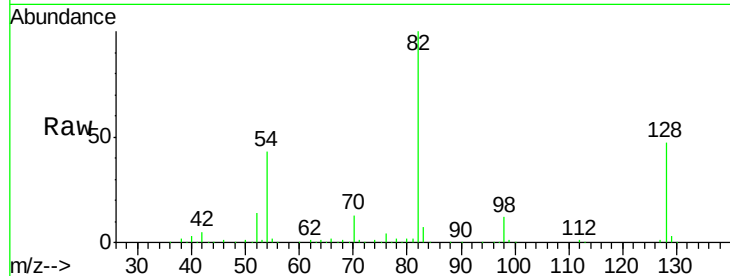




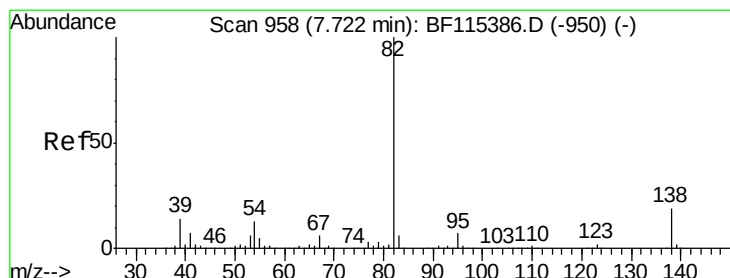
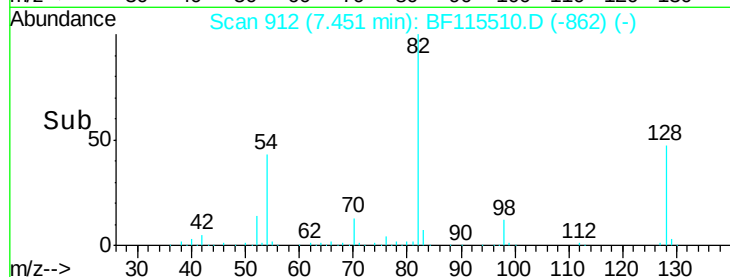
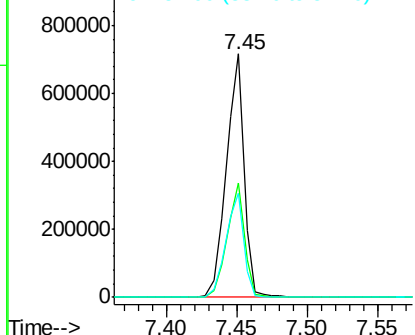
#23
Nitrobenzene-d5
Concen: 61.898 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tot Ion: 82 Resp: 626932
Ion Ratio Lower Upper
82 100
128 47.2 36.7 55.1
54 42.7 35.6 53.4

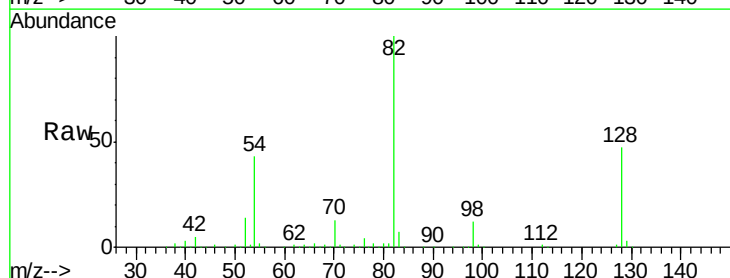


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

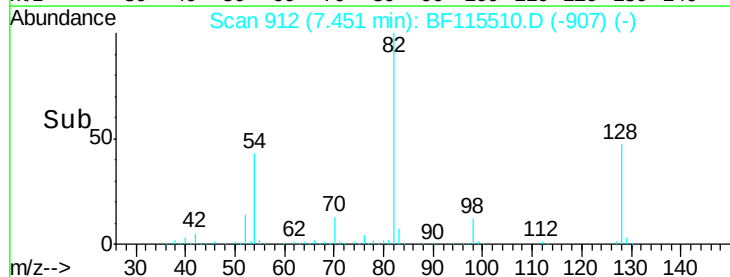
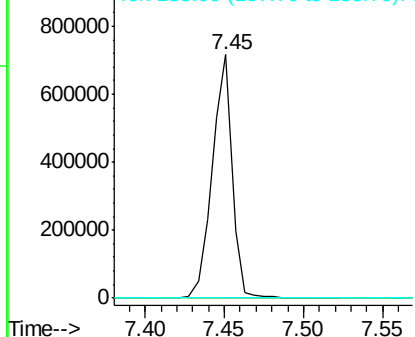


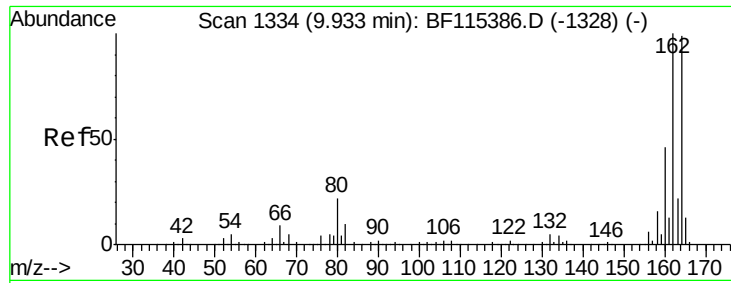
#25
Isophorone
Concen: 28.202 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.27 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion: 82 Resp: 619145
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

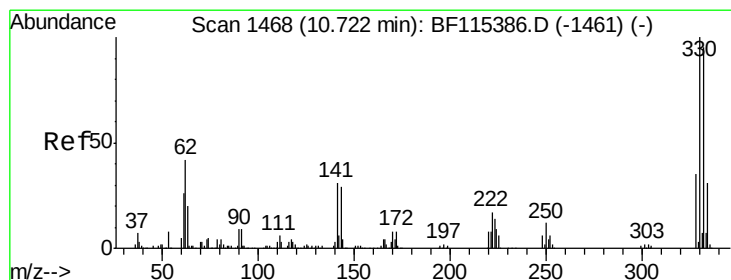
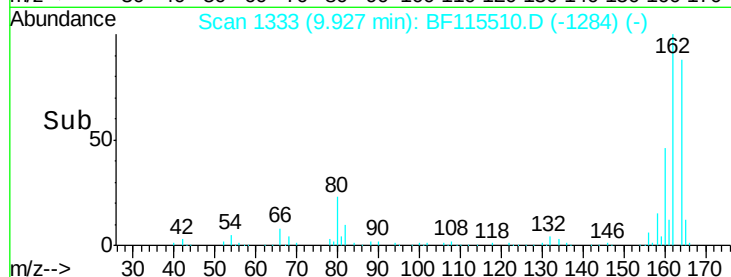
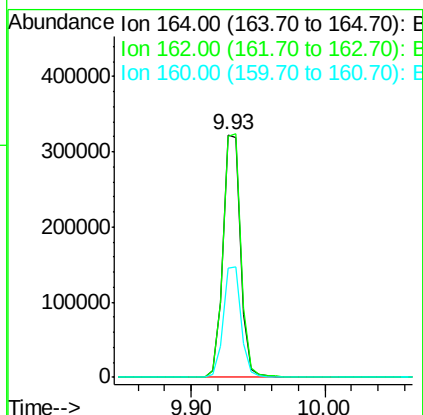
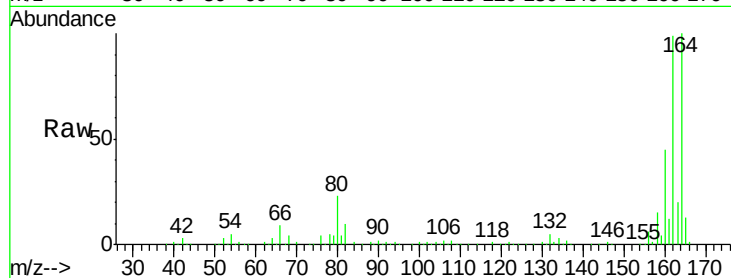




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

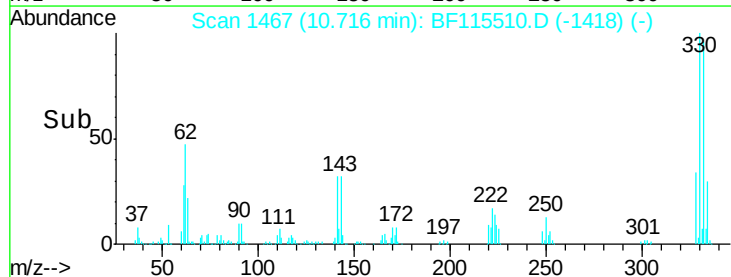
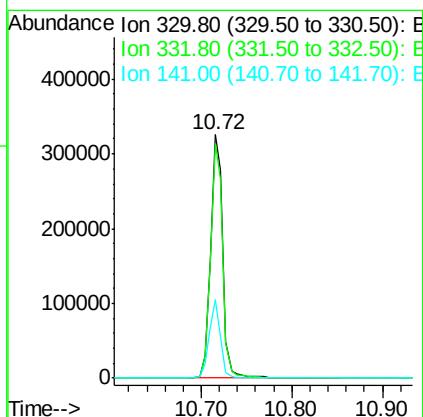
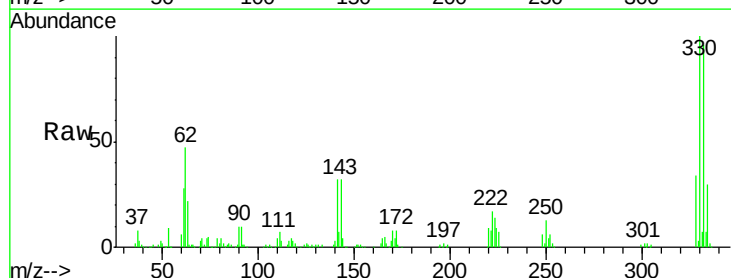
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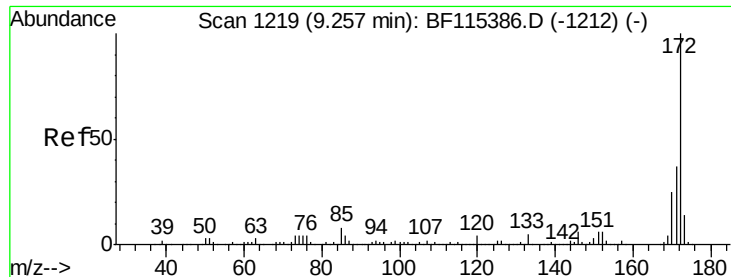
Tot Ion:164 Resp: 302193
Ion Ratio Lower Upper
164 100
162 99.4 82.3 123.5
160 45.1 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 92.146 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:330 Resp: 307884
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 30.4 24.7 37.1

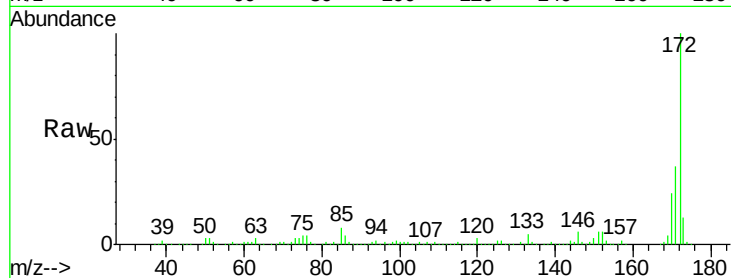




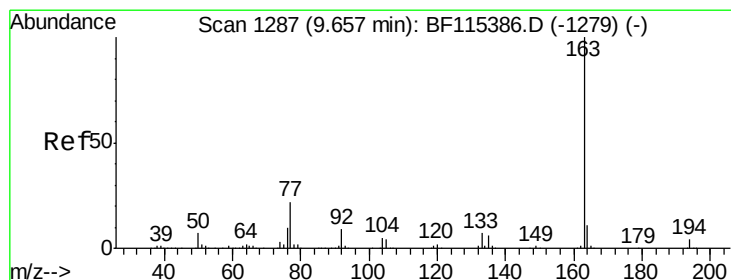
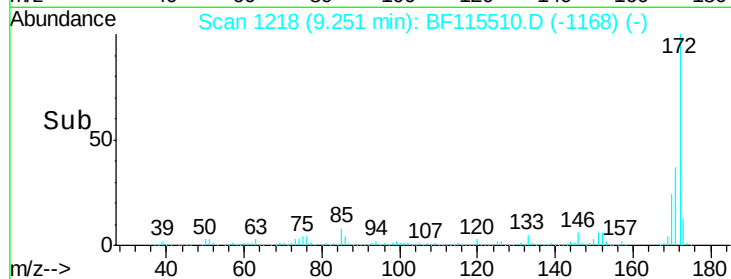
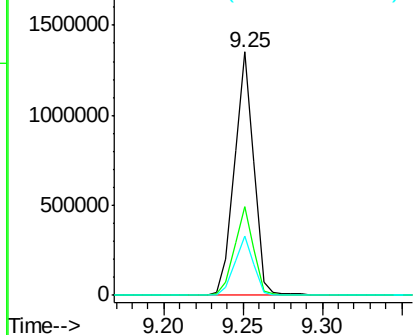
#45
2-Fluorobiphenyl
Concen: 66.651 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tot Ion:172 Resp: 1147832
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.8
170 24.4 20.0 30.0

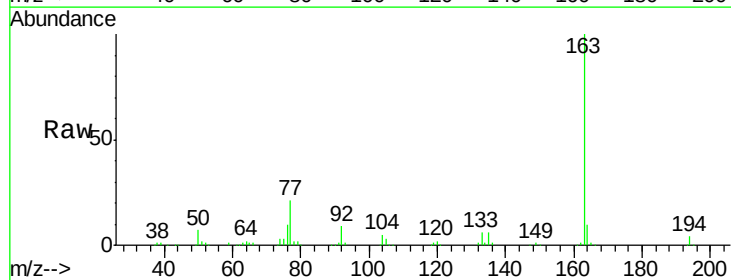


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

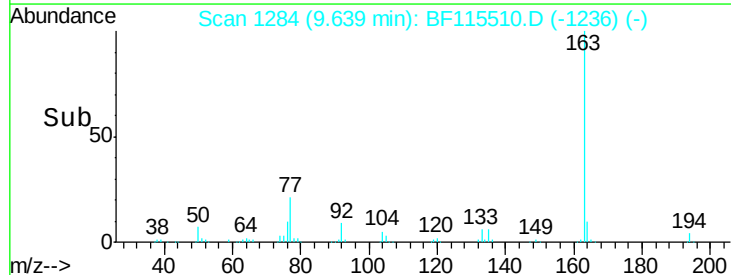
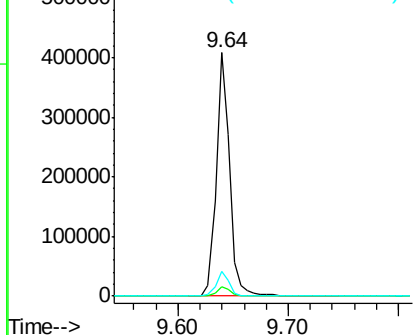


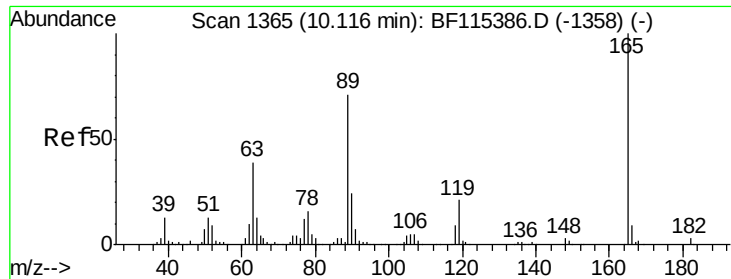
#50
Dimethylphthalate
Concen: 15.015 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:163 Resp: 340569
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.2 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

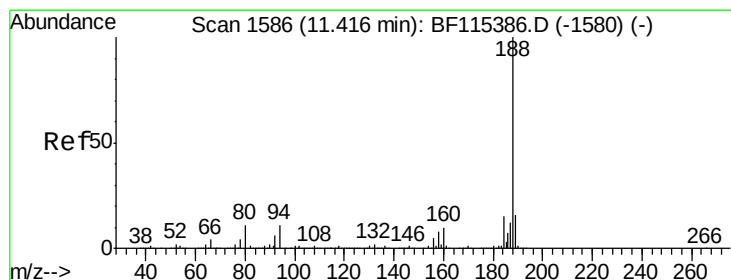
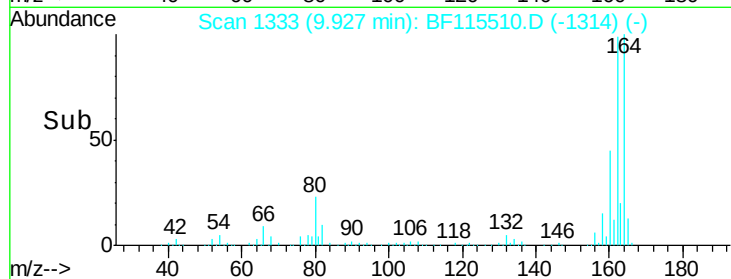
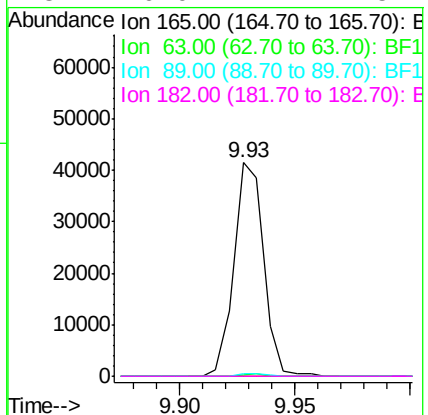
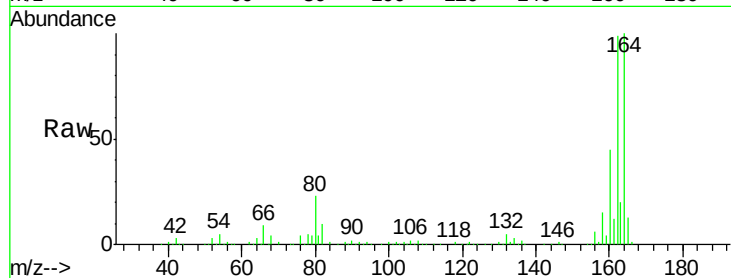




#57
 2,4-Dinitrotoluene
 Concen: 5.948 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF115510.D
 Acq: 11 Jul 2019 22:28

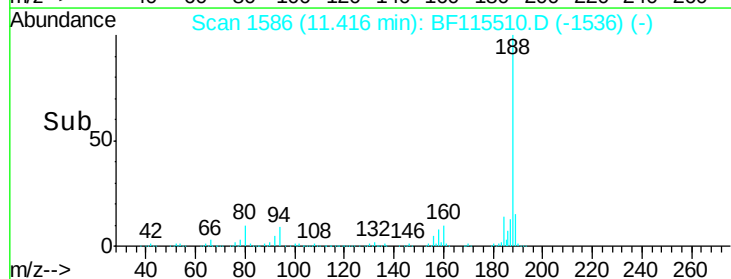
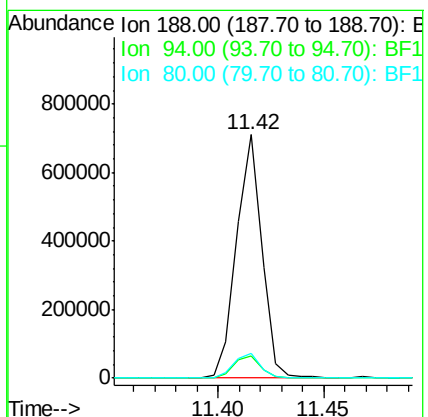
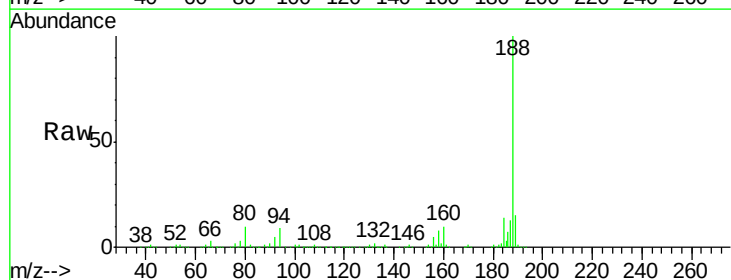
Instrument :
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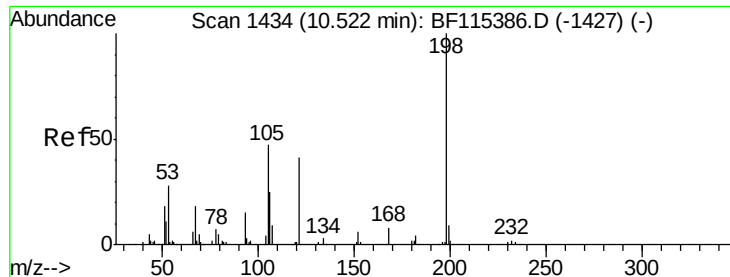
Tot Ion:165	Resp:	37187
Ion Ratio	Lower	Upper
165	100	
63	0.9	33.0 49.4#
89	1.1	58.5 87.7#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF115510.D
 Acq: 11 Jul 2019 22:28

Tgt Ion:188	Resp:	589965
Ion Ratio	Lower	Upper
188	100	
94	9.3	7.8 11.8
80	10.3	8.4 12.6

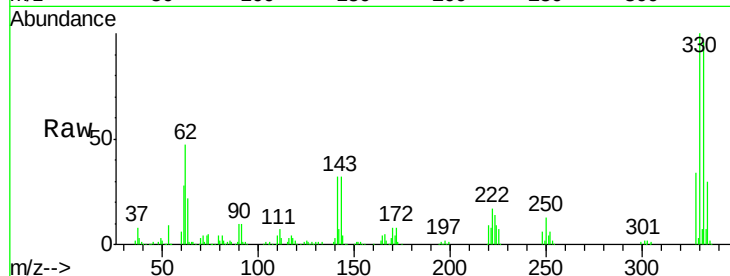




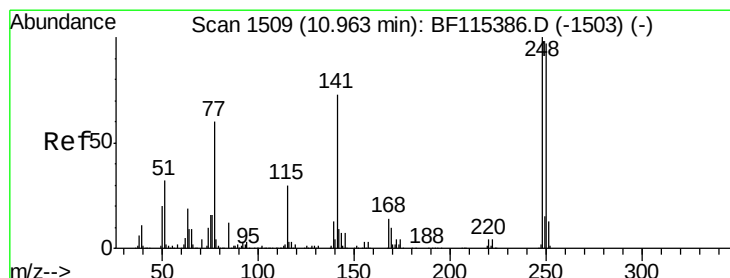
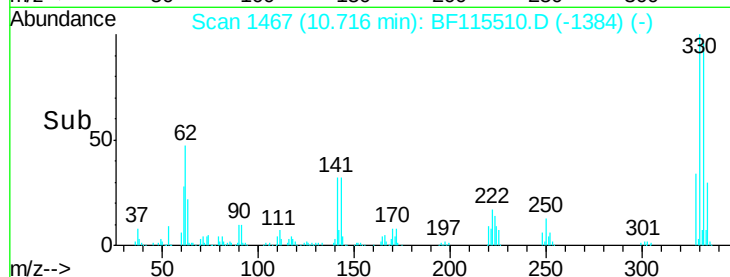
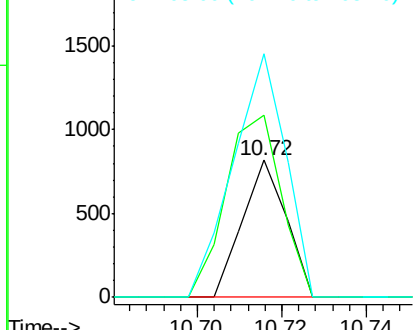
#65
4,6-Dinitro-2-methylphenol
Concen: 7.992 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tot Ion:198 Resp: 588
Ion Ratio Lower Upper
198 100
51 132.6 20.7 60.7#
105 177.5 25.3 65.3#

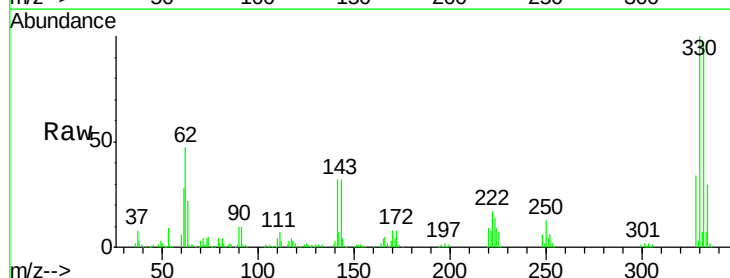


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

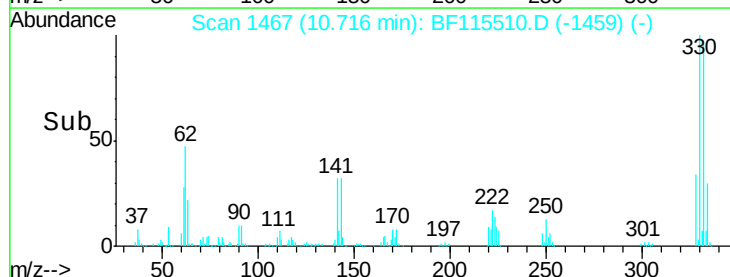
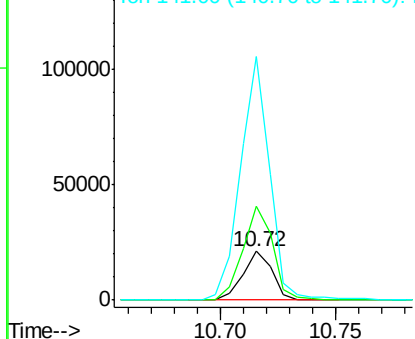


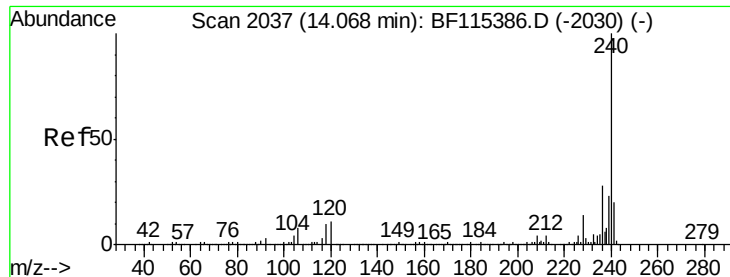
#67
4-Bromophenyl-phenylether
Concen: 2.827 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:248 Resp: 18713
Ion Ratio Lower Upper
248 100
250 194.0 78.3 117.5#
141 500.1 52.2 78.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF115510.D

Acq: 11 Jul 2019 22:28

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-TEST-PIT

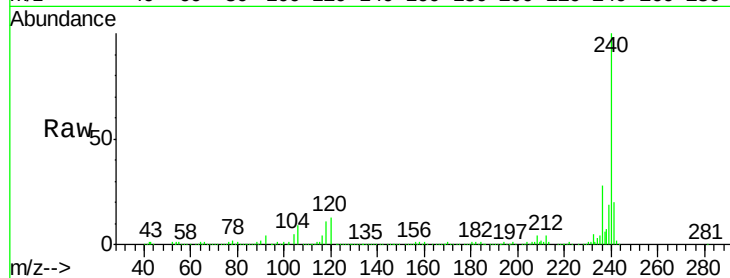
Tot Ion:240 Resp: 383823

Ion Ratio Lower Upper

240 100

120 12.6 10.2 15.4

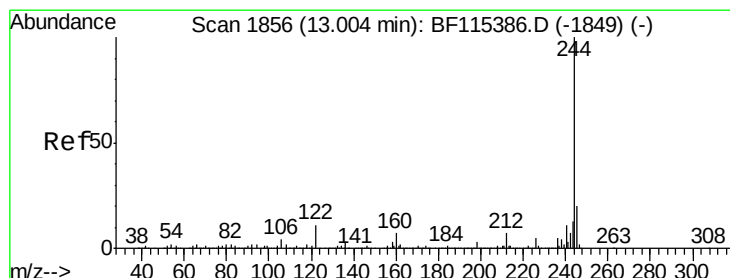
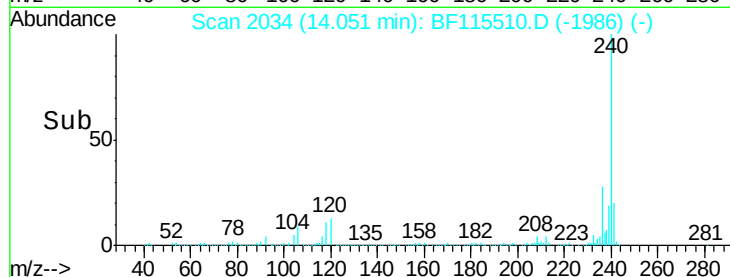
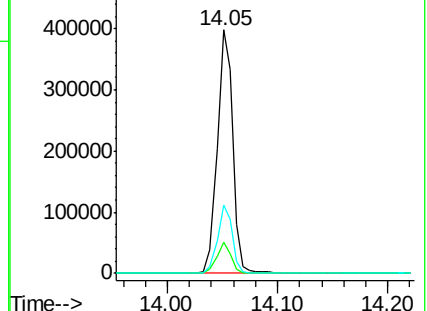
236 27.8 21.1 31.7



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



#79

Terphenyl-d14

Concen: 69.152 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115510.D

Acq: 11 Jul 2019 22:28

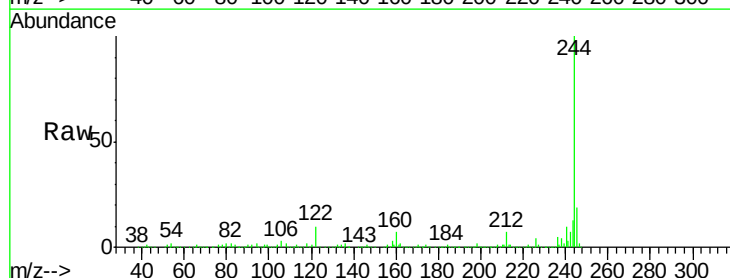
Tgt Ion:244 Resp: 1296311

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

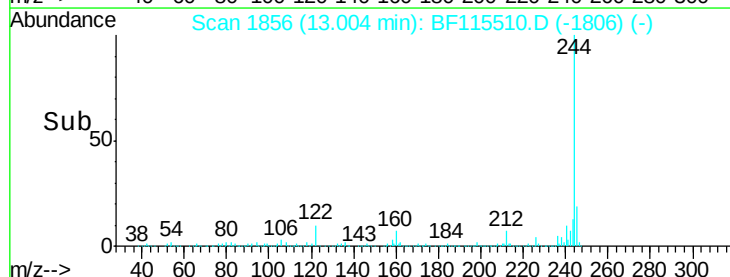
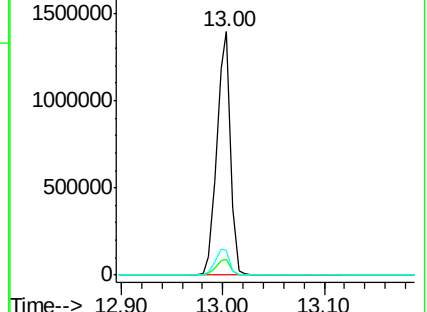
122 10.3 9.1 13.7

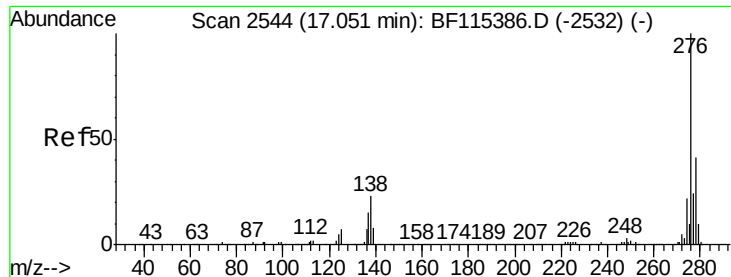


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

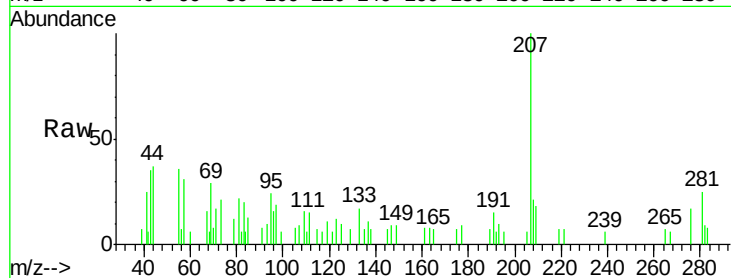




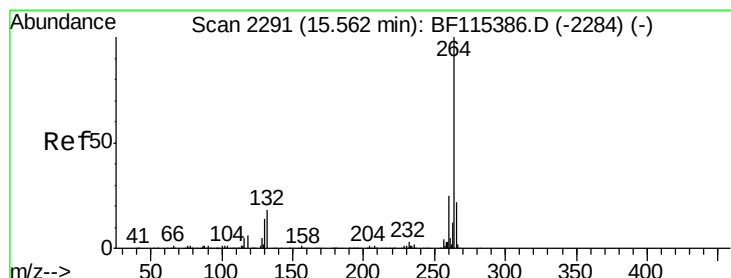
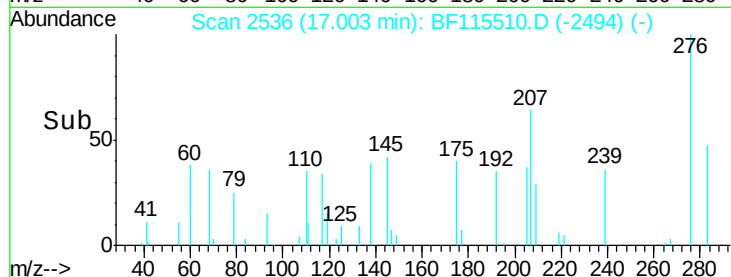
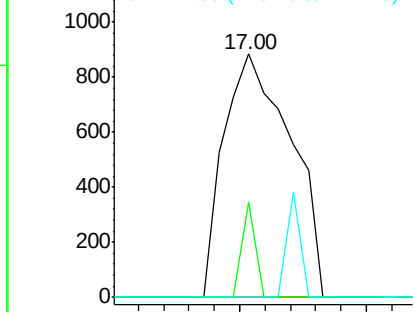
#86
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 17.00 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-TEST-PIT

Tot Ion:276 Resp: 1618
Ion Ratio Lower Upper
276 100
138 7.5 20.6 31.0#
277 8.3 20.2 30.2#

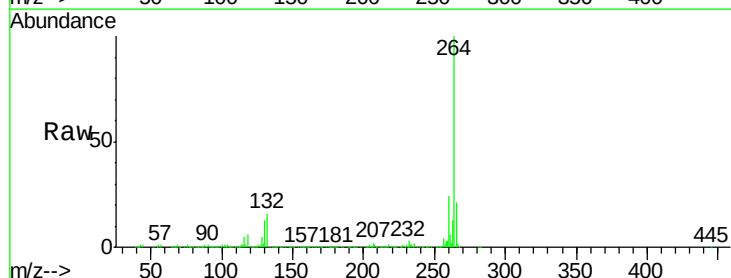


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115510.D
Acq: 11 Jul 2019 22:28

Tgt Ion:264 Resp: 434391
Ion Ratio Lower Upper
264 100
260 24.4 20.1 30.1
265 21.3 17.8 26.6



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

