

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113528.D
 Acq On : 3 Apr 2019 3:16
 Operator : JU/SJ
 Sample : K2186-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-2

Quant Time: Apr 03 08:01:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

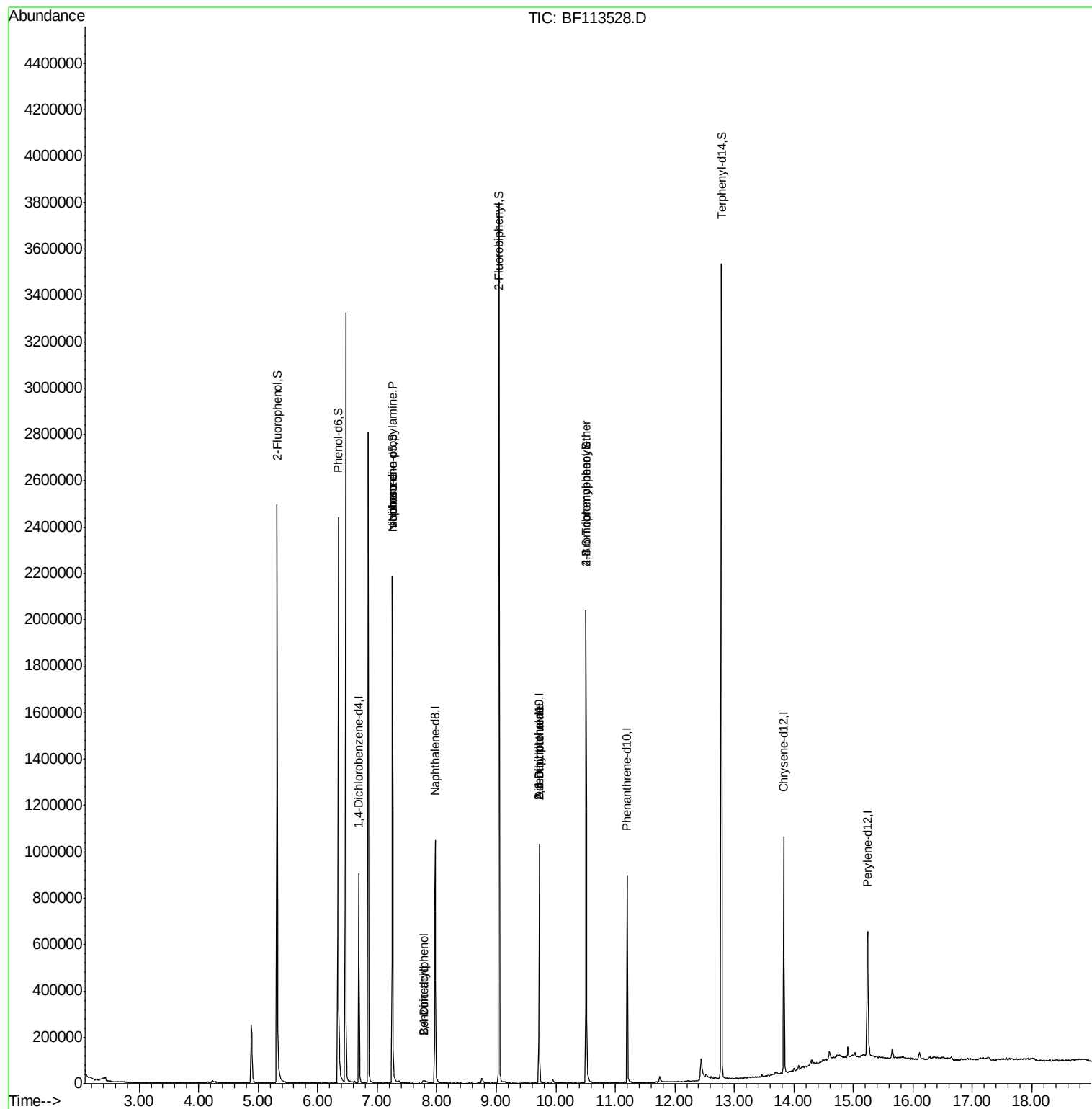
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	132773	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	475256	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	203751	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	357369	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	343123	20.00	ng	-0.01
87) Perylene-d12	15.24	264	260734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	798173	98.30	ng	0.00
7) Phenol-d6	6.35	99	904787	88.08	ng	-0.01
23) Nitrobenzene-d5	7.26	82	698372	87.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	283708	112.73	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1284104	102.39	ng	-0.02
79) Terphenyl-d14	12.79	244	1326245	85.20	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	91275	14.146	ng	# 76
25) Isophorone	7.26	82	694242	44.739	ng	# 64
27) 2,4-Dimethylphenol	7.79	122	13012	2.048	ng	# 35
32) Benzoic acid	7.79	122	13012	2.544	ng	# 63
50) Dimethylphthalate	9.72	163	52786	3.496	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	25695	7.543	ng	# 27
57) 2,4-Dinitrotoluene	9.72	165	25695	5.932	ng	# 24
67) 4-Bromophenyl-phenylether	10.51	248	15668	4.023	ng	# 1

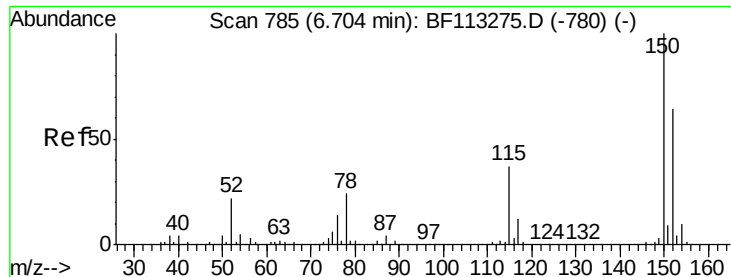
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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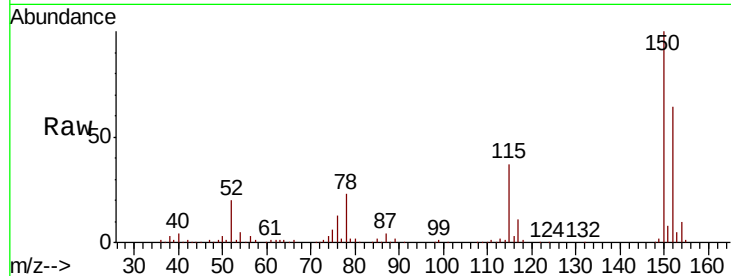


#1

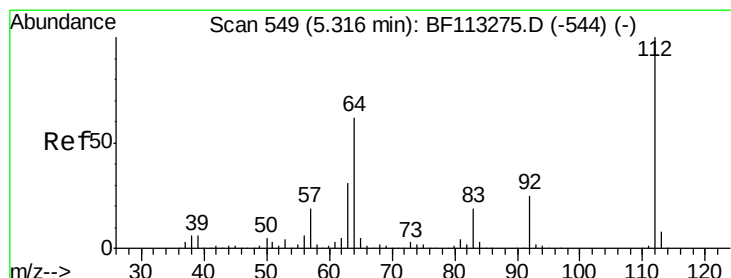
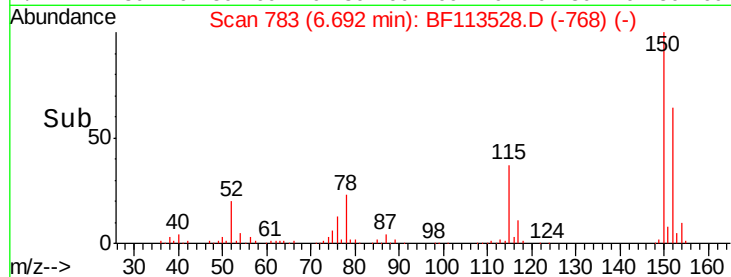
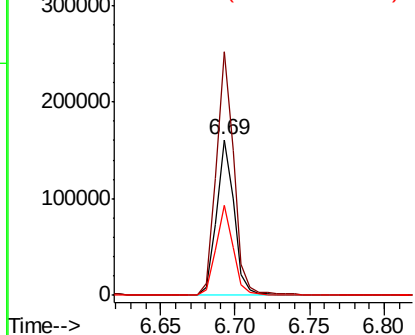
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113528.D
Acq: 3 Apr 2019 3:16

Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-2

Tgt Ion:152 Resp: 132773
Ion Ratio Lower Upper
152 100
150 156.6 124.7 187.1
115 57.6 46.0 69.0



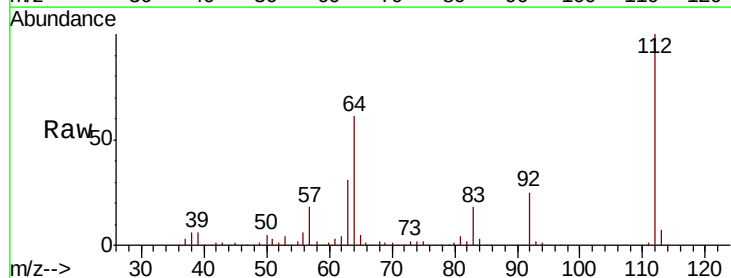
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



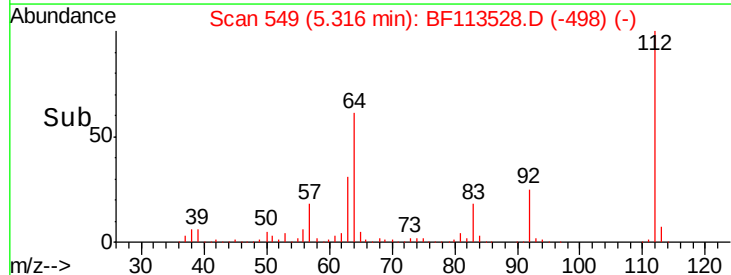
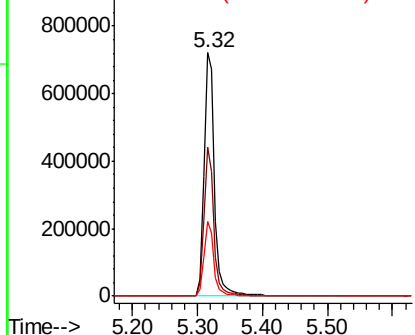
#5

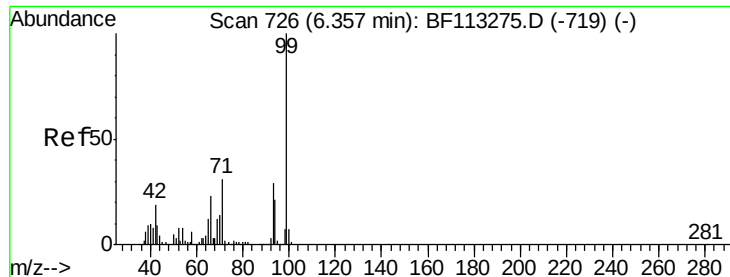
2-Fluorophenol
Concen: 98.296 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113528.D
Acq: 3 Apr 2019 3:16

Tgt Ion:112 Resp: 798173
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 30.5 24.9 37.3



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: 88.080 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113528.D

Acq: 3 Apr 2019 3:16

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-2

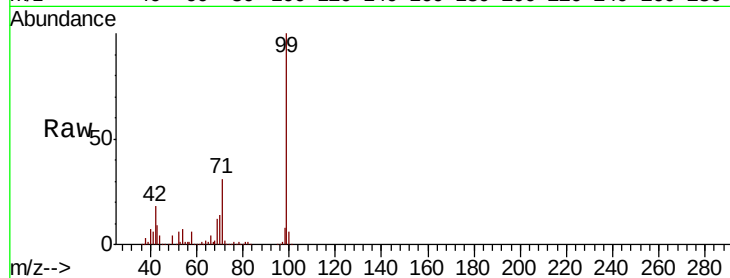
Tgt Ion: 99 Resp: 904787

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

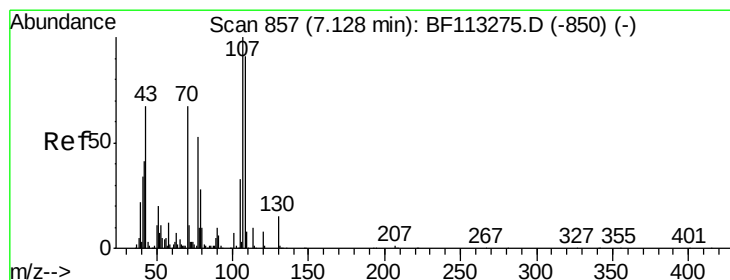
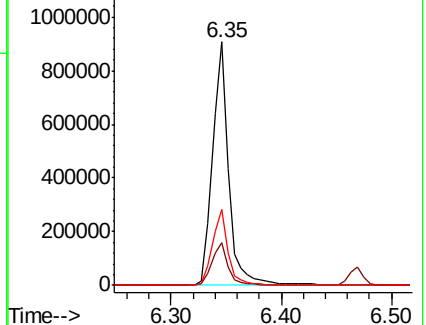
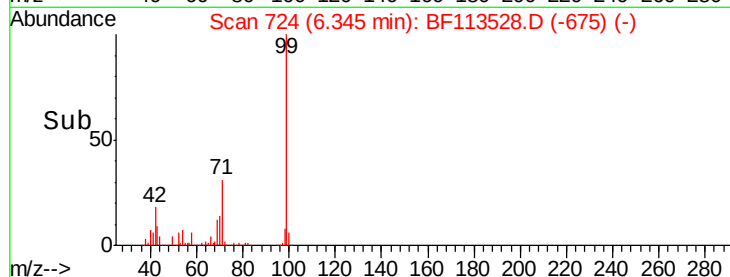
71 31.1 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.146 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113528.D

Acq: 3 Apr 2019 3:16

Tgt Ion: 70 Resp: 91275

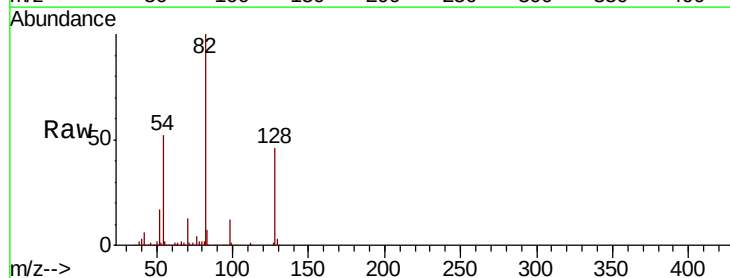
Ion Ratio Lower Upper

70 100

42 47.7 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

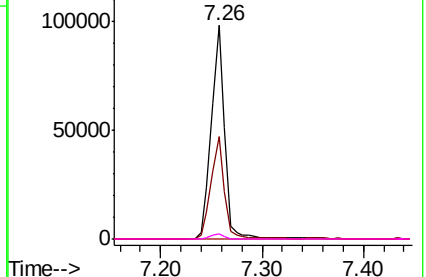
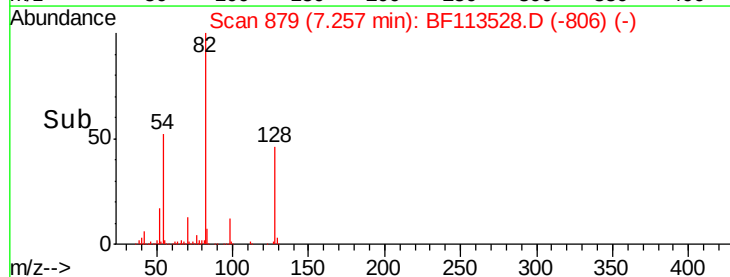


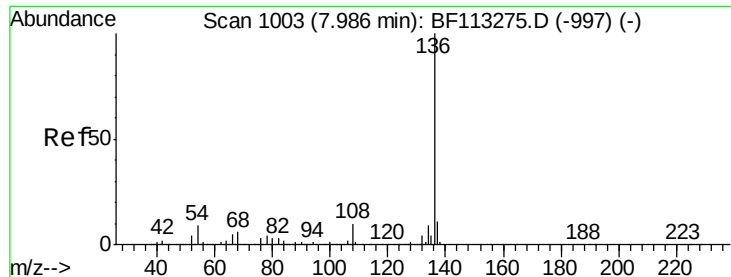
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

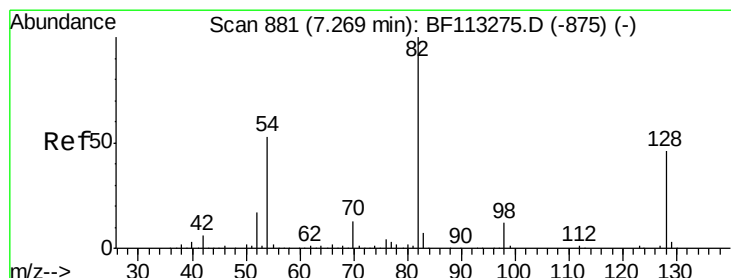
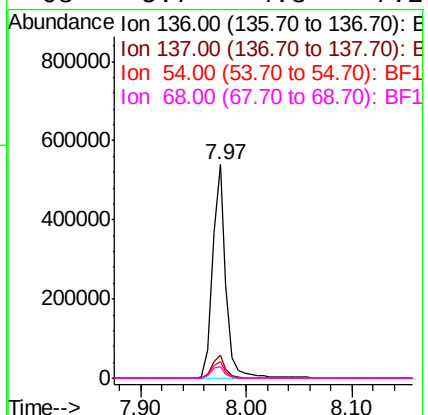
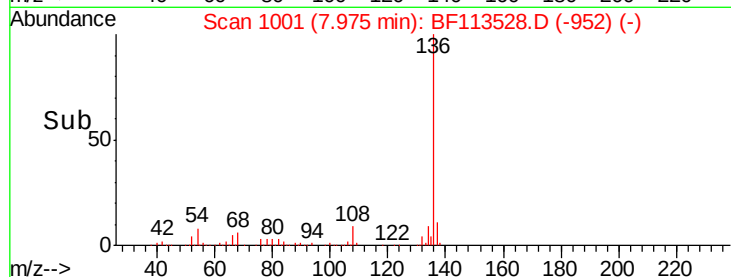
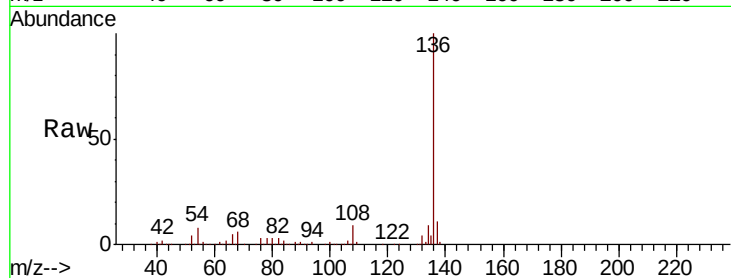




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113528.D
Acq: 3 Apr 2019 3:16

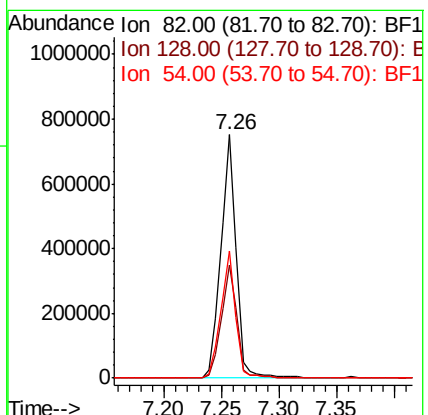
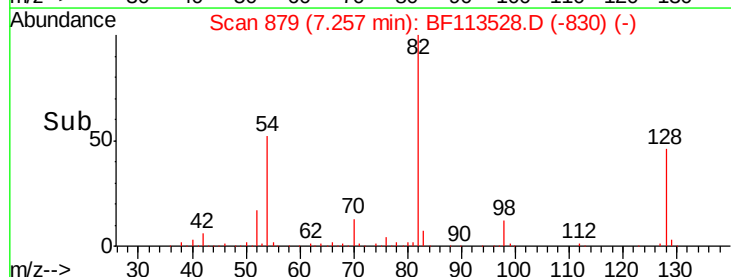
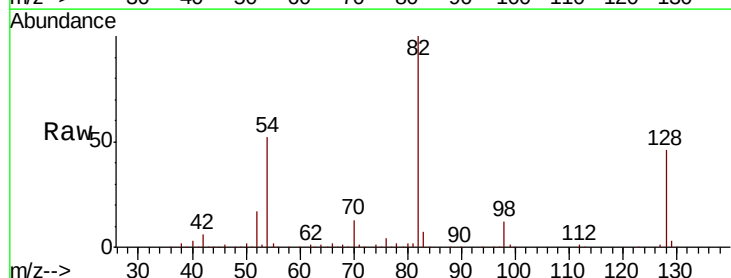
Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-2

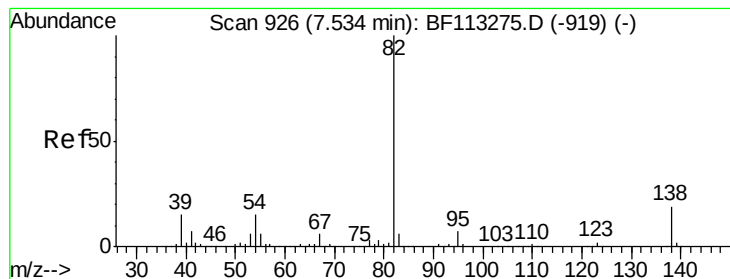
Tgt Ion:	136	Resp:	475256
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	7.0	10.6
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.219 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113528.D
Acq: 3 Apr 2019 3:16

Tgt Ion:	82	Resp:	698372
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	52.1	42.2	63.2





#25

Isophorone

Concen: 44.739 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF113528.D

Acq: 3 Apr 2019 3:16

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-2

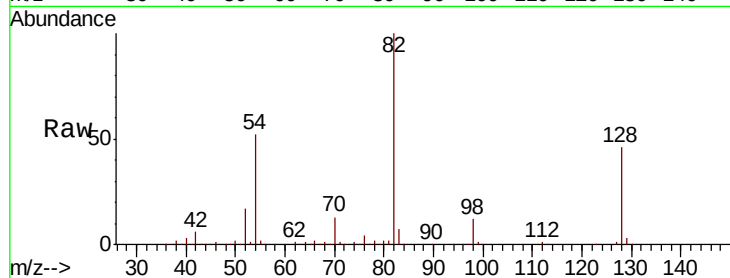
Tgt Ion: 82 Resp: 694242

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

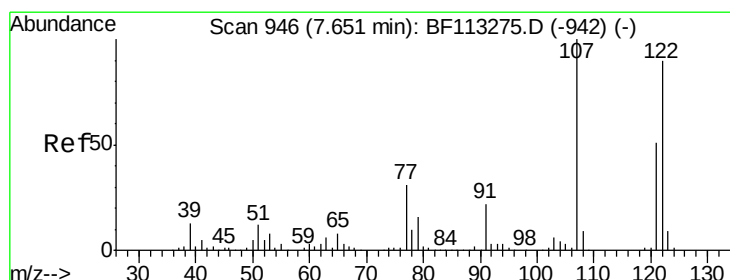
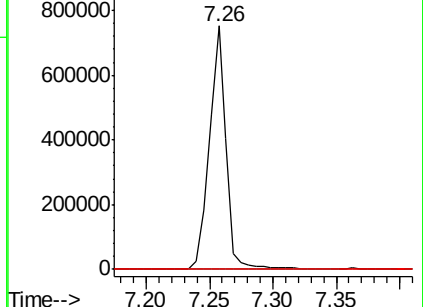
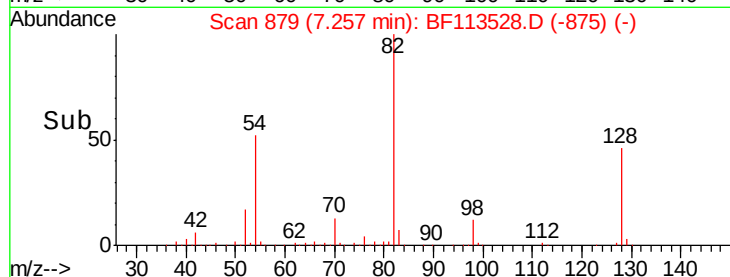
138 0.0 15.2 22.8#



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



#27

2,4-Dimethylphenol

Concen: 2.048 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.14 min

Lab File: BF113528.D

Acq: 3 Apr 2019 3:16

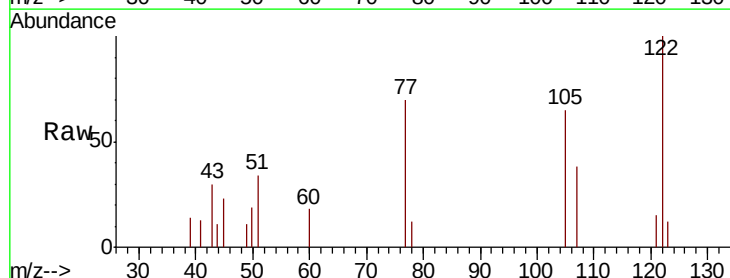
Tgt Ion: 122 Resp: 13012

Ion Ratio Lower Upper

122 100

107 38.4 88.8 133.2#

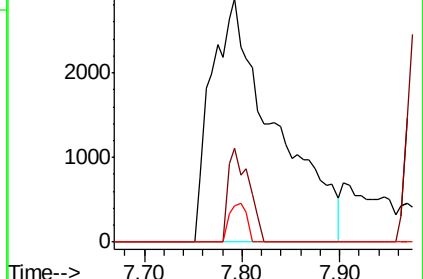
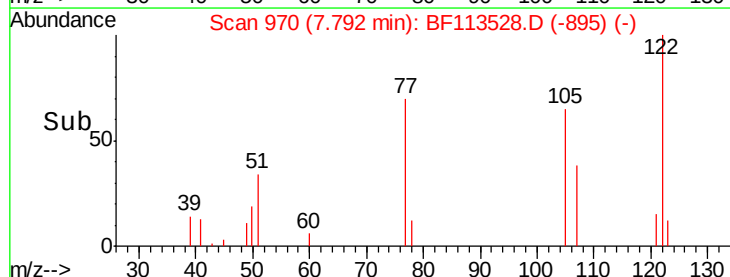
121 14.7 45.5 68.3#

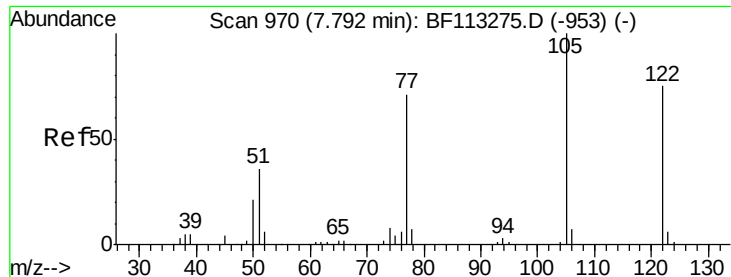


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

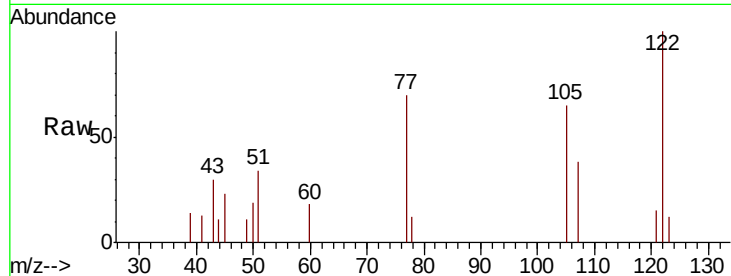




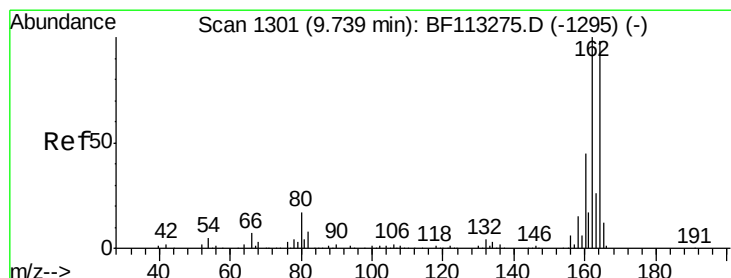
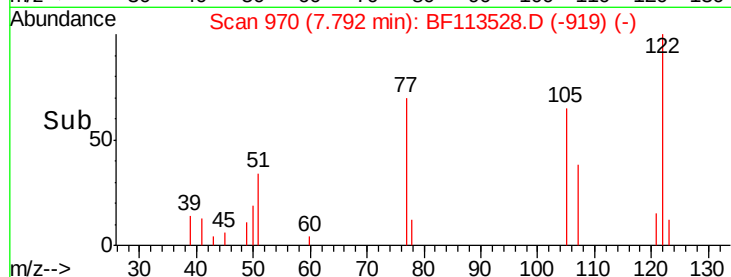
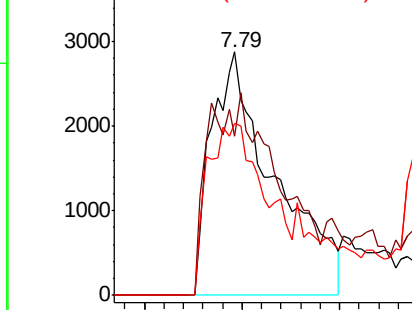
#32
Benzoic acid
Concen: 2.544 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF113528.D
Acq: 3 Apr 2019 3:16

Instrument :
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ClientSampleId :
BELT-PARKWAY-STAGING-YARD-2

Tgt Ion:122 Resp: 13012
Ion Ratio Lower Upper
122 100
105 65.5 100.4 140.4#
77 70.4 69.0 109.0

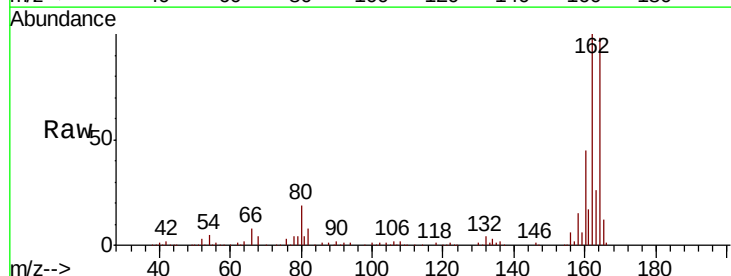


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

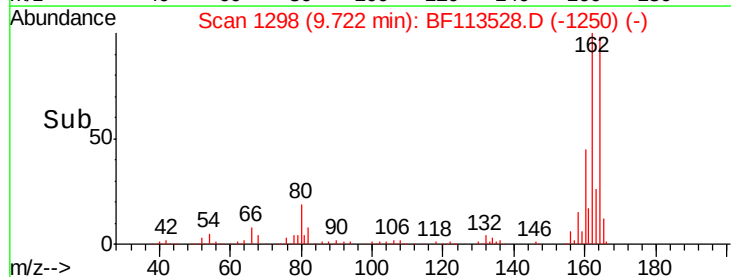
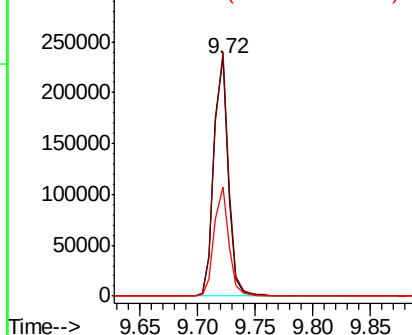


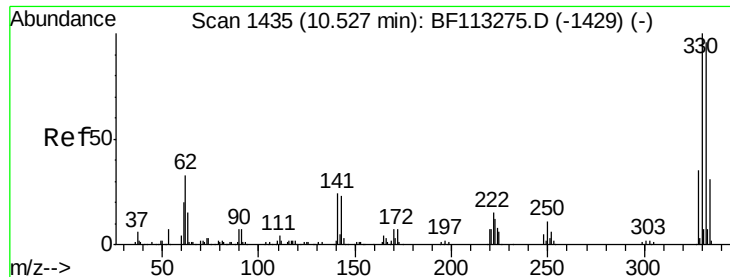
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF113528.D
Acq: 3 Apr 2019 3:16

Tgt Ion:164 Resp: 203751
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 45.7 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

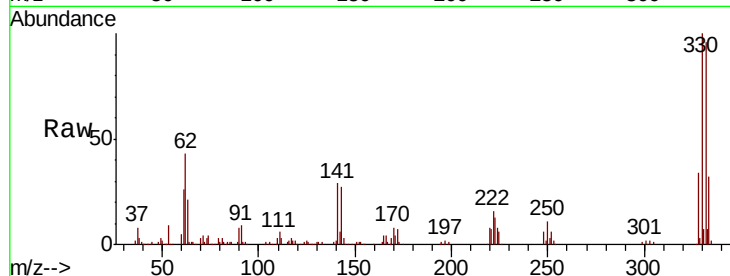




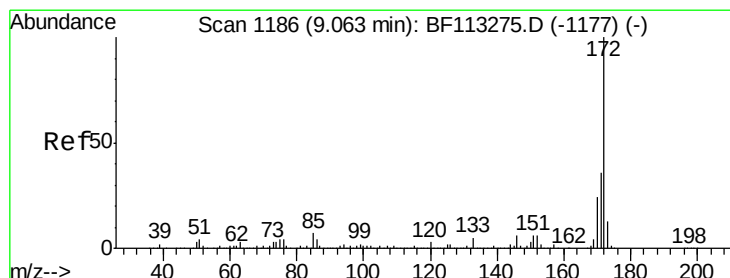
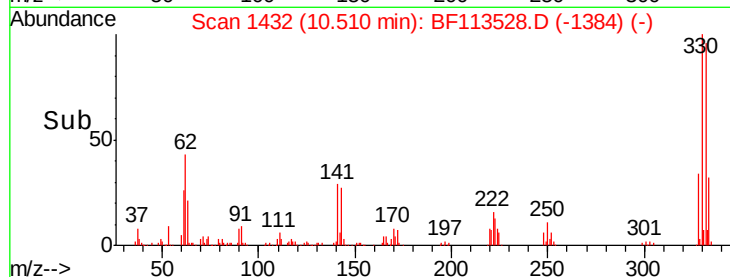
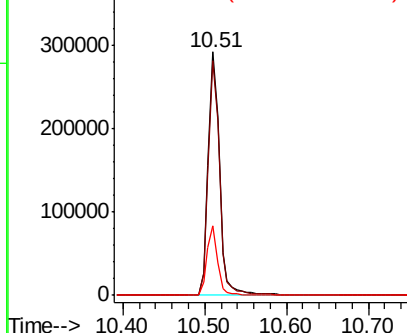
#42
 2,4,6-Tribromophenol
 Concen: 112.726 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113528.D
 Acq: 3 Apr 2019 3:16

Instrument :
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 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-2

Tgt Ion:330 Resp: 283708
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 27.3 22.7 34.1

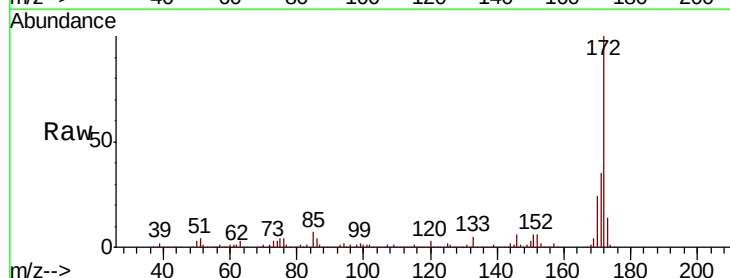


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

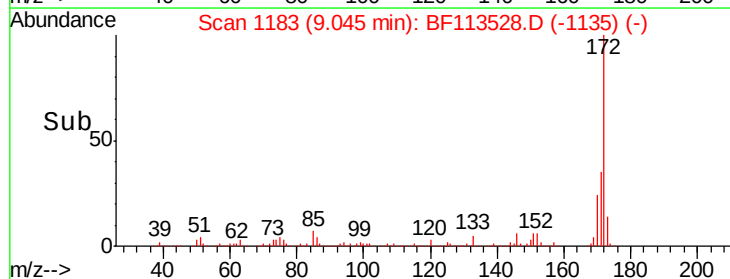
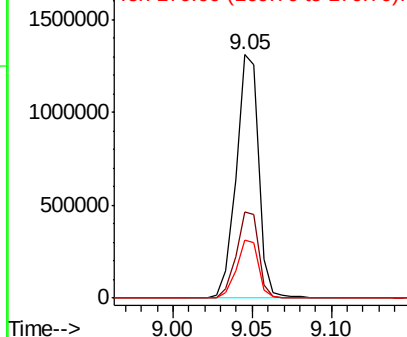


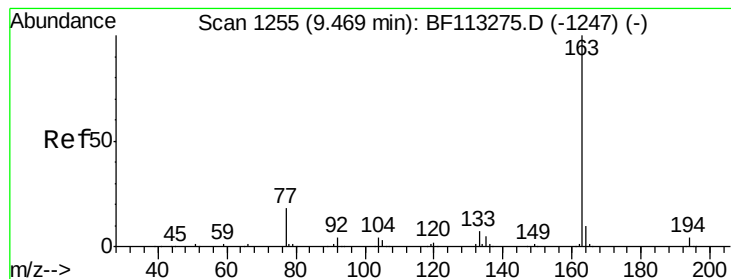
#45
 2-Fluorobiphenyl
 Concen: 102.388 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113528.D
 Acq: 3 Apr 2019 3:16

Tgt Ion:172 Resp: 1284104
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 24.1 19.5 29.3



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: 3.496 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.25 min

Lab File: BF113528.D

Acq: 3 Apr 2019 3:16

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-2

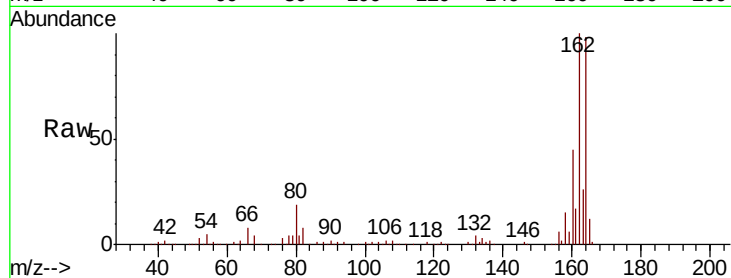
Tgt Ion:163 Resp: 52786

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

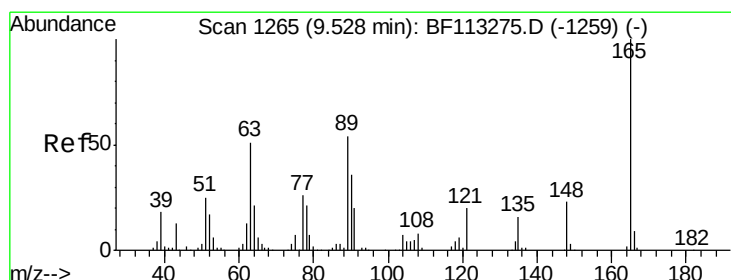
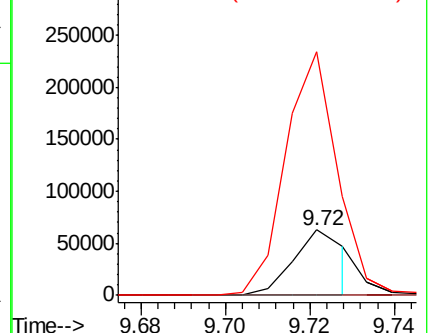
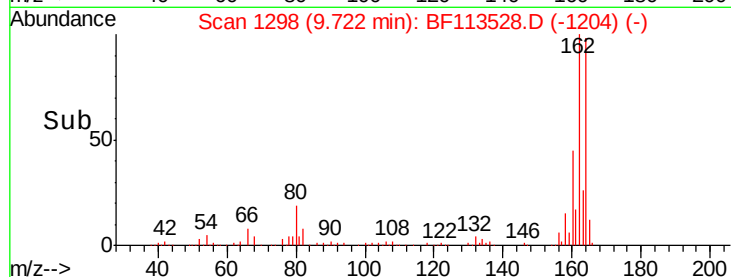
164 372.7 8.1 12.1#



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



#51

2,6-Dinitrotoluene

Concen: 7.543 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.19 min

Lab File: BF113528.D

Acq: 3 Apr 2019 3:16

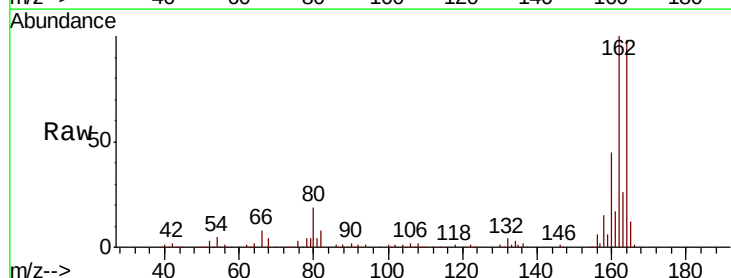
Tgt Ion:165 Resp: 25695

Ion Ratio Lower Upper

165 100

63 1.9 43.4 65.0#

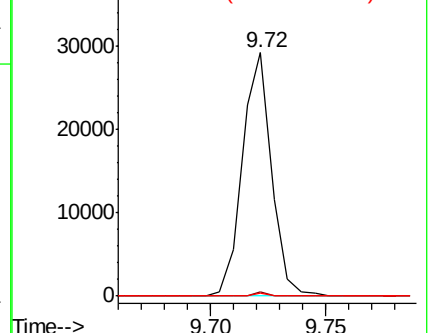
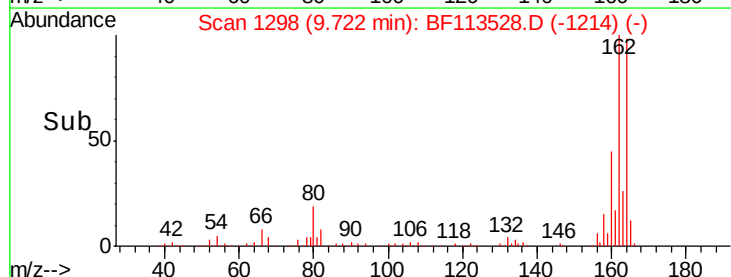
89 1.5 43.1 64.7#

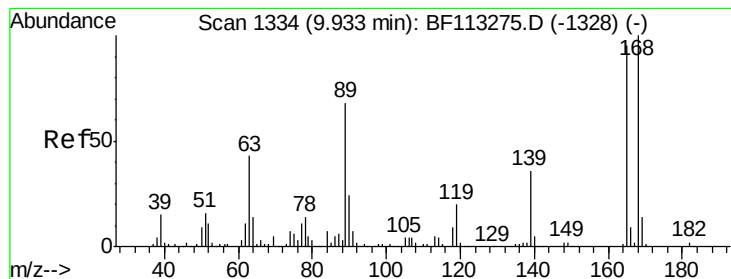


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

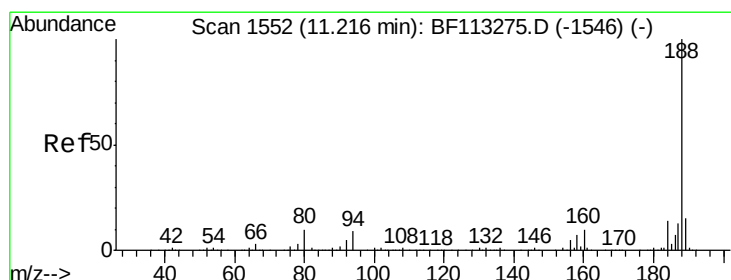
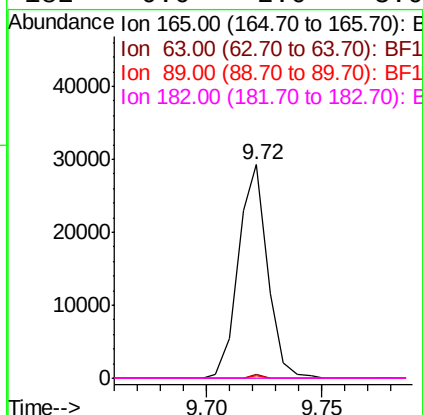
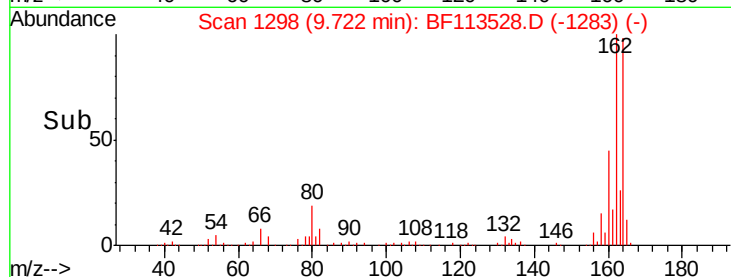
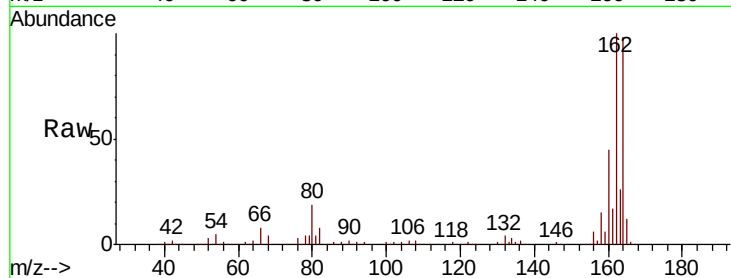




#57
 2,4-Dinitrotoluene
 Concen: 5.932 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF113528.D
 Acq: 3 Apr 2019 3:16

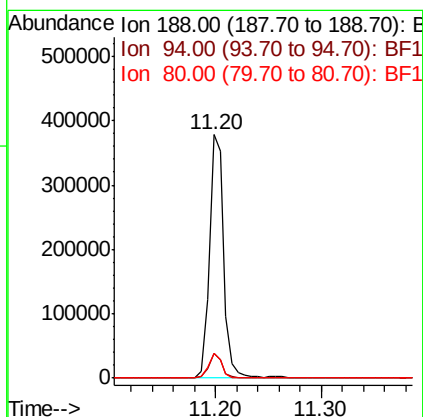
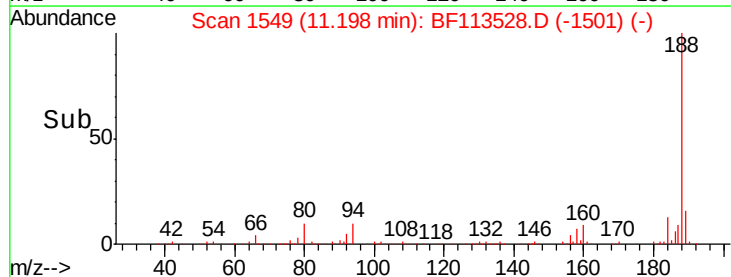
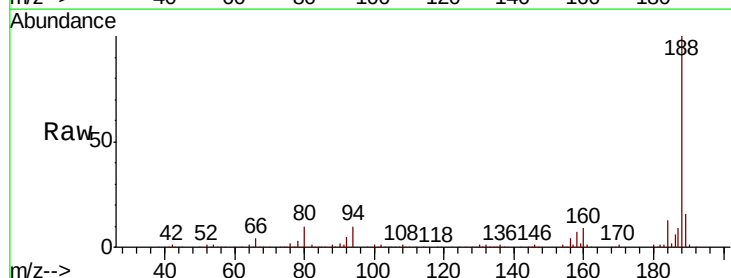
Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-2

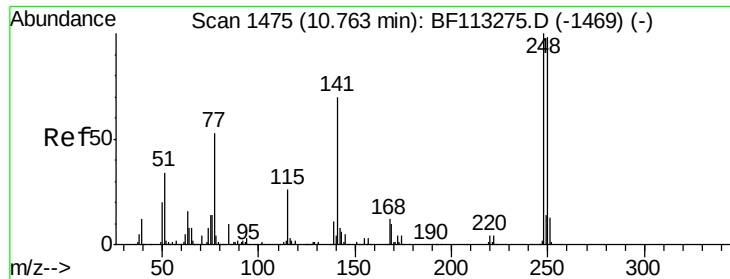
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113528.D
 Acq: 3 Apr 2019 3:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.0	10.6
80	10.2	7.7	11.5

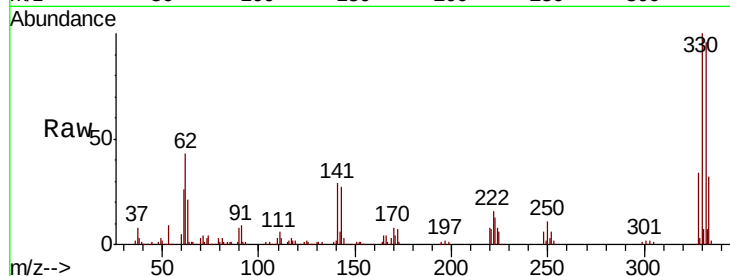




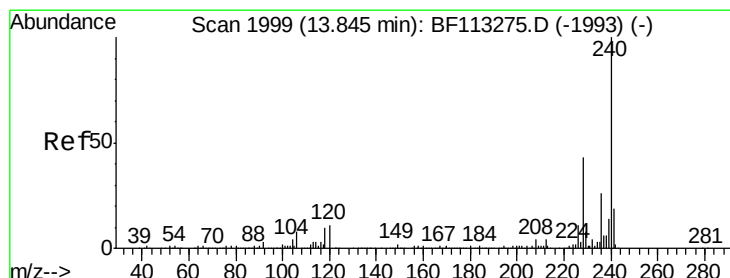
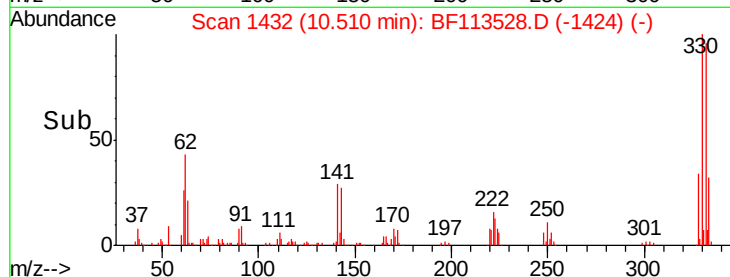
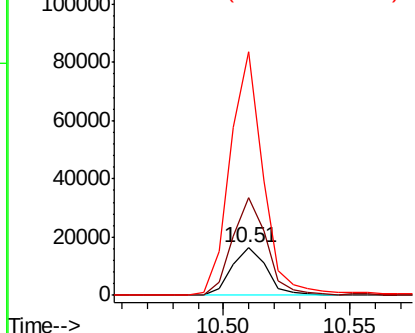
#67
 4-Bromophenyl-phenylether
 Concen: 4.023 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF113528.D
 Acq: 3 Apr 2019 3:16

Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-2

Tgt Ion:248 Resp: 15668
 Ion Ratio Lower Upper
 248 100
 250 205.7 78.3 117.5#
 141 511.9 56.2 84.4#

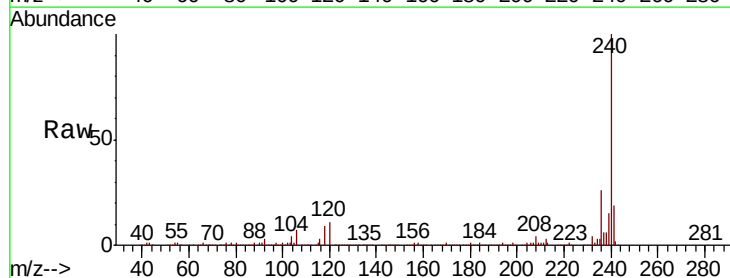


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

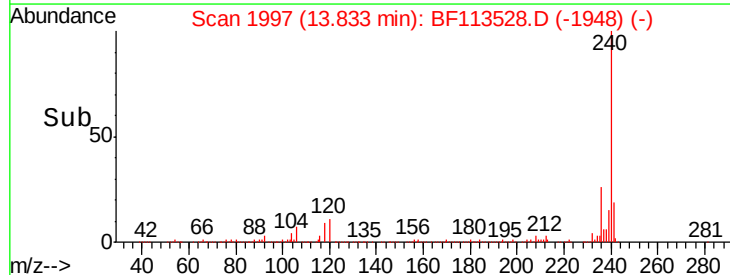
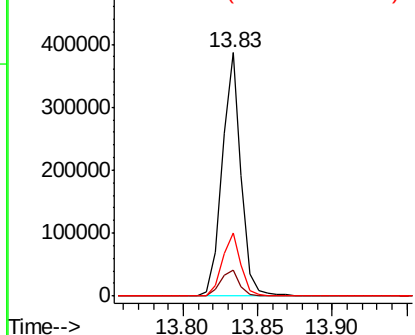


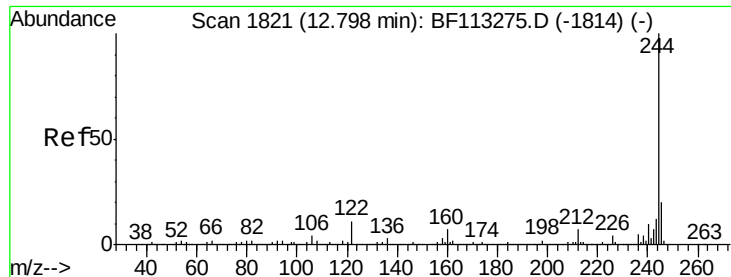
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113528.D
 Acq: 3 Apr 2019 3:16

Tgt Ion:240 Resp: 343123
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.8 13.2
 236 25.8 20.9 31.3



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: 85.196 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113528.D

Acq: 3 Apr 2019 3:16

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-2

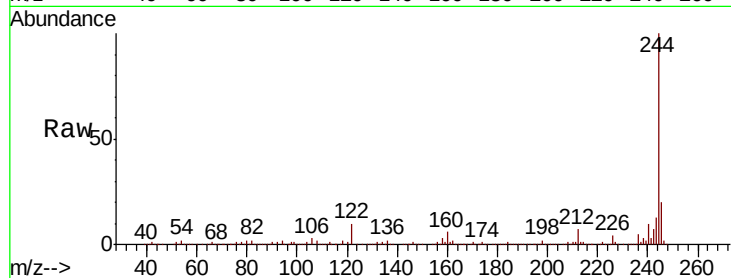
Tgt Ion:244 Resp: 1326245

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

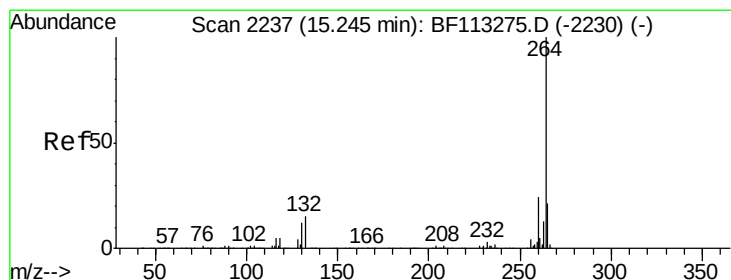
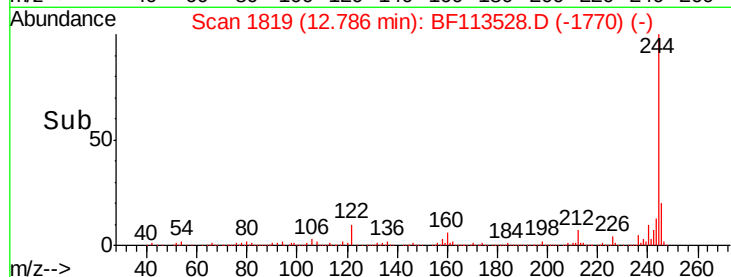
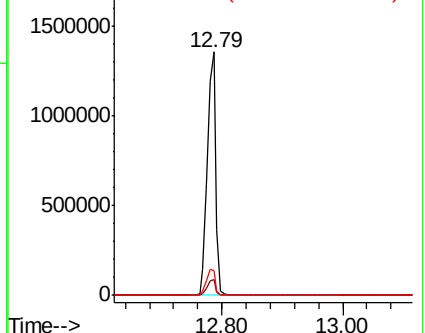
122 10.1 8.6 13.0



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113528.D

Acq: 3 Apr 2019 3:16

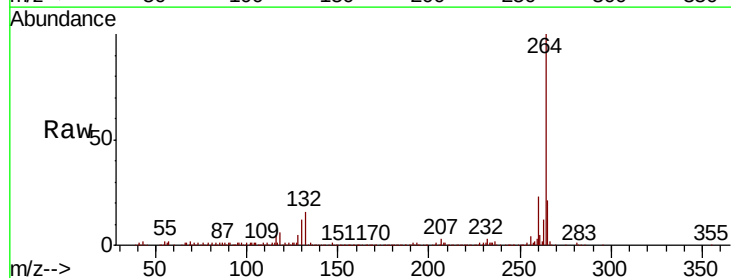
Tgt Ion:264 Resp: 260734

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.2 17.1 25.7



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

