

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113479.D
 Acq On : 1 Apr 2019 21:11
 Operator : JU/SJ
 Sample : K2186-13 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 02 01:10:25 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

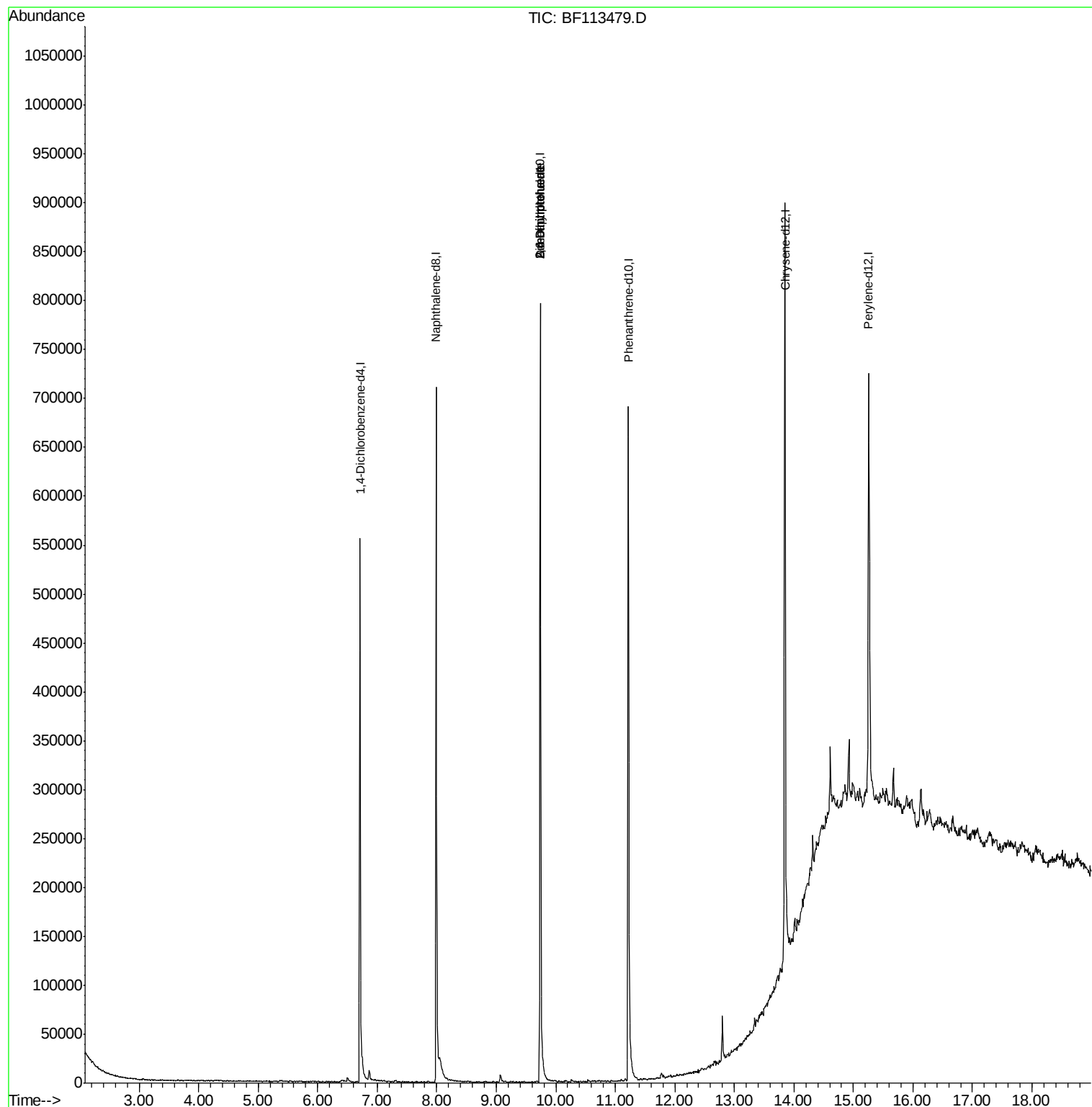
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	106818	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	375624	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	188717	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	366522	20.00	ng	0.00
76) Chrysene-d12	13.85	240	357767	20.00	ng	0.00
87) Perylene-d12	15.26	264	229634	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1797	0.28	ng	0.05
7) Phenol-d6	6.41	99	4069	0.49	ng	0.05
23) Nitrobenzene-d5	7.30	82	2173	0.34	ng	0.03
42) 2,4,6-Tribromophenol	10.54	330	980	0.42	ng	0.01
45) 2-Fluorobiphenyl	9.07	172	7545	-21.46	ng	0.00
79) Terphenyl-d14	12.80	244	22293	1.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.74	163	38687	2.766	ng	# 1
51) 2,6-Dinitrotoluene	9.74	165	23546	7.463	ng	# 25
57) 2,4-Dinitrotoluene	9.74	165	23546	5.868	ng	# 22

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

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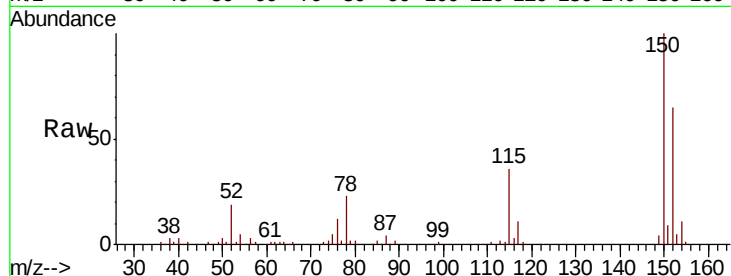


#1

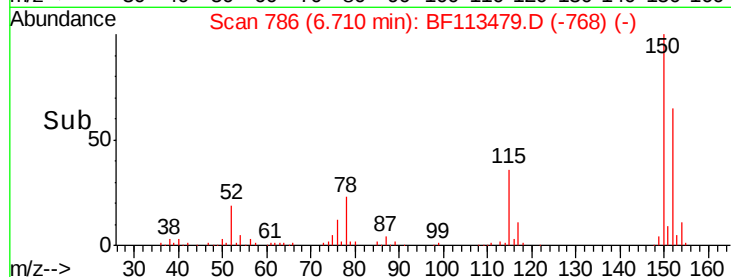
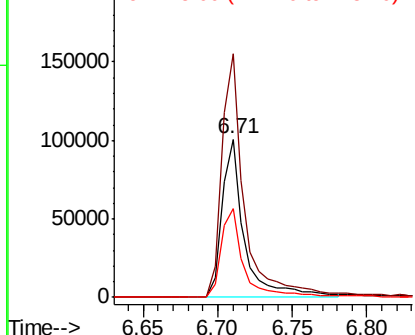
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF113479.D
Acq: 1 Apr 2019 21:11

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

Tgt Ion:152 Resp: 106818
Ion Ratio Lower Upper
152 100
150 153.9 124.7 187.1
115 56.1 46.0 69.0



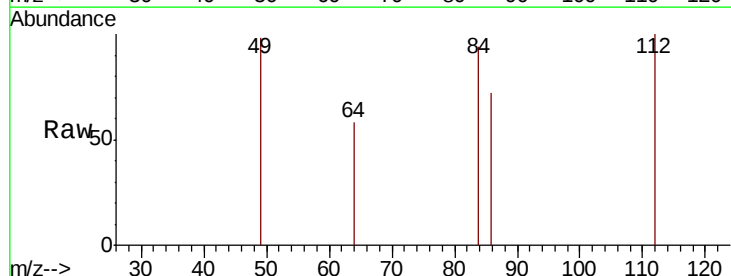
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



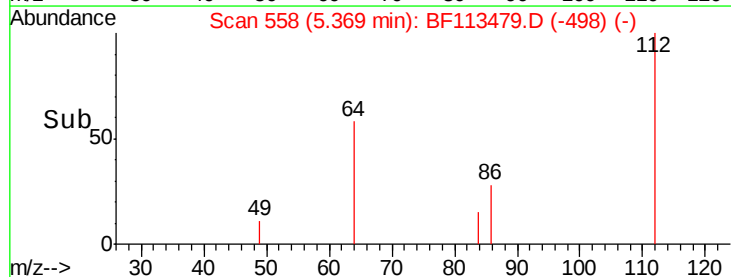
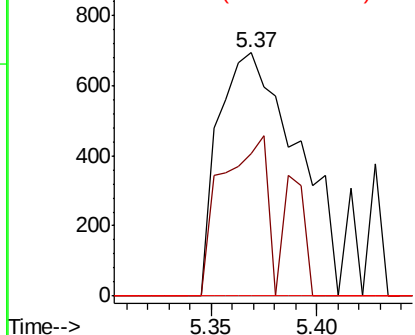
#5

2-Fluorophenol
Concen: 0.275 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.05 min
Lab File: BF113479.D
Acq: 1 Apr 2019 21:11

Tgt Ion:112 Resp: 1797
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 0.0 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: 0.492 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.05 min

Lab File: BF113479.D

Acq: 1 Apr 2019 21:11

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-2

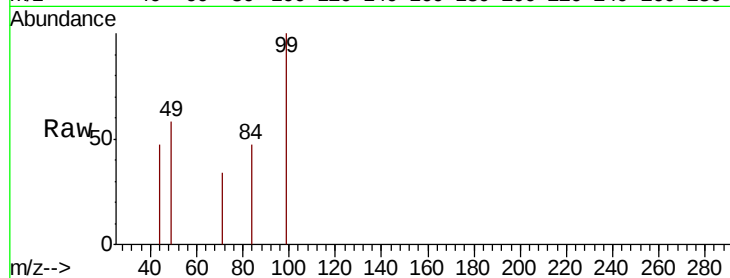
Tgt Ion: 99 Resp: 4069

Ion Ratio Lower Upper

99 100

42 0.0 14.8 22.2#

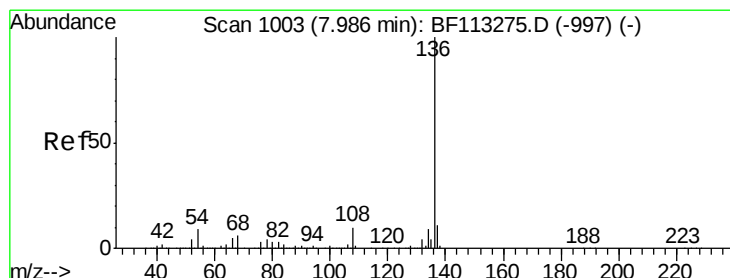
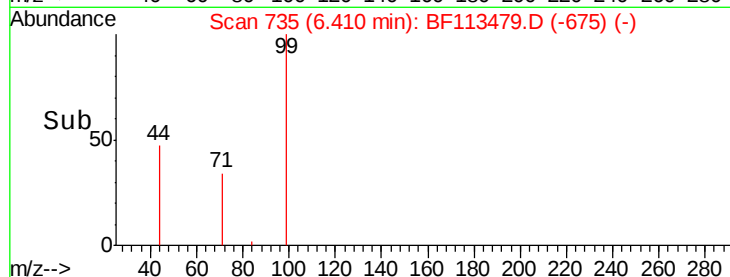
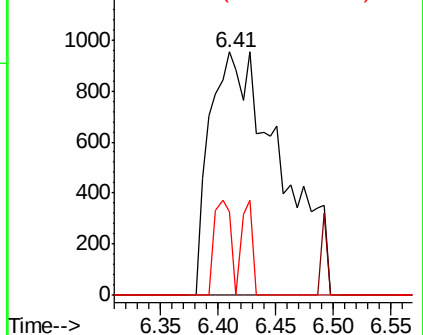
71 34.1 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF113479.D

Acq: 1 Apr 2019 21:11

Tgt Ion: 136 Resp: 375624

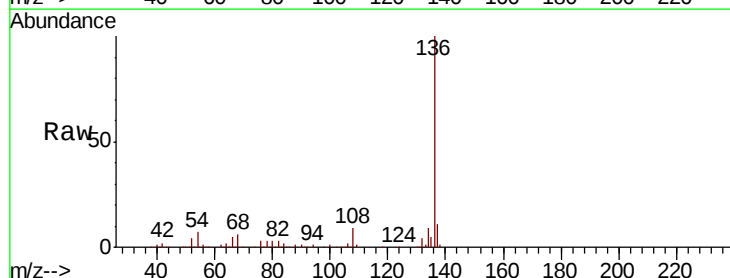
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.4 7.0 10.6

68 5.7 4.8 7.2

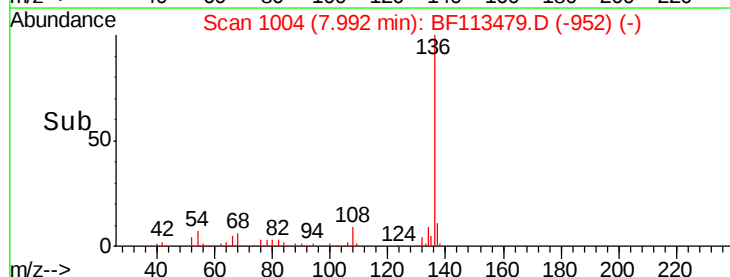
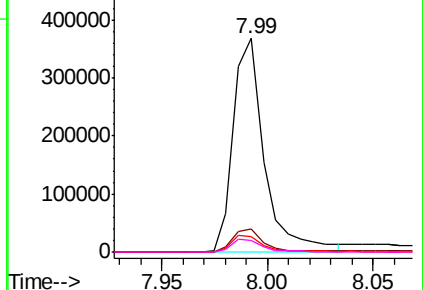


Abundance Ion 136.00 (135.70 to 136.70): E

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

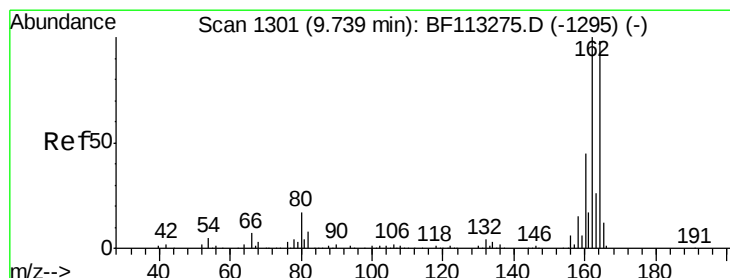
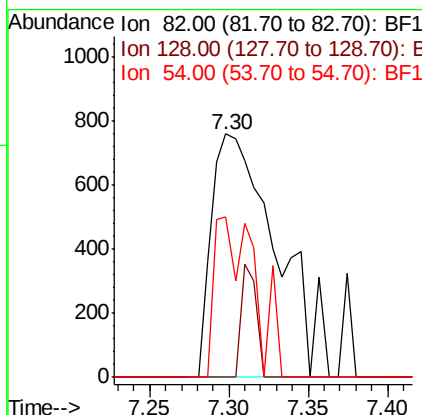
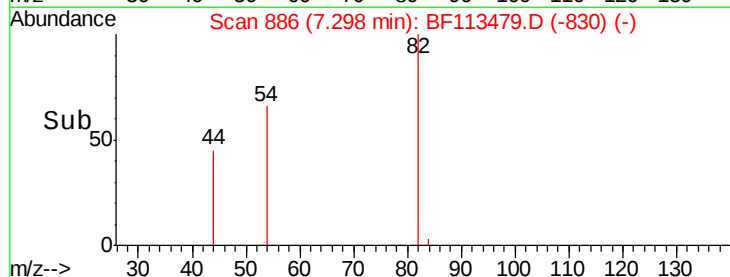
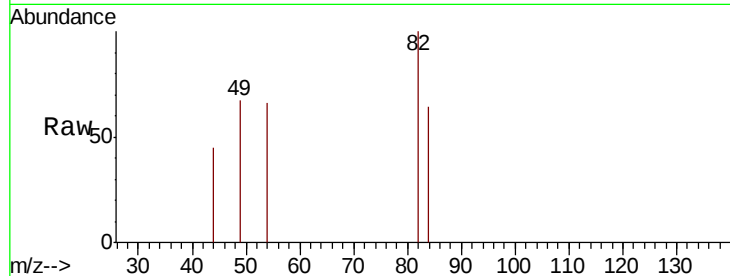




#23
 Nitrobenzene-d5
 Concen: 0.343 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.03 min
 Lab File: BF113479.D
 Acq: 1 Apr 2019 21:11

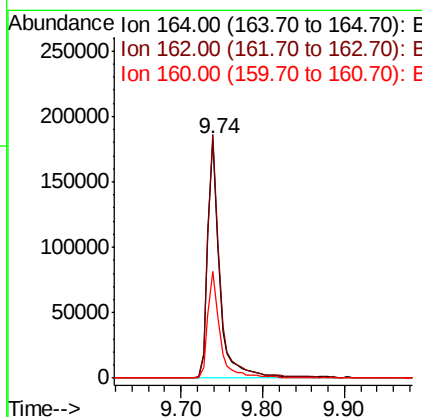
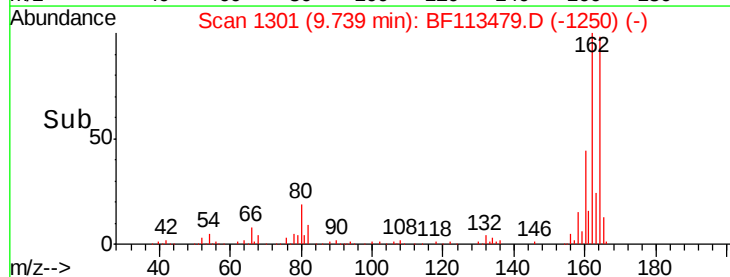
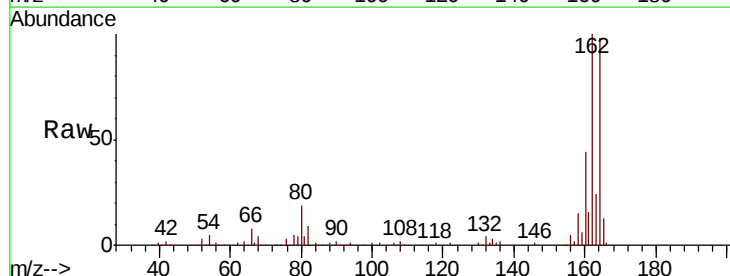
Instrument :
 BNA_F
 ClientSampleId :
 BELT-PARKWAY-STAGING-YARD-2

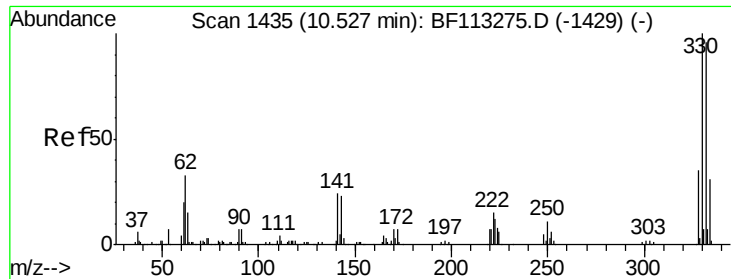
Tgt Ion: 82 Resp: 2173
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.5 54.7#
 54 66.1 42.2 63.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF113479.D
 Acq: 1 Apr 2019 21:11

Tgt Ion: 164 Resp: 188717
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.8 122.6
 160 44.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 0.420 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF113479.D

Acq: 1 Apr 2019 21:11

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-2

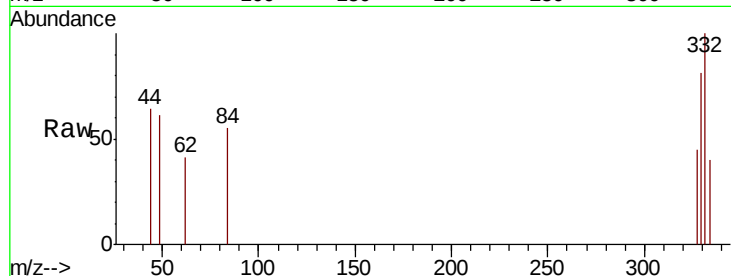
Tgt Ion:330 Resp: 980

Ion Ratio Lower Upper

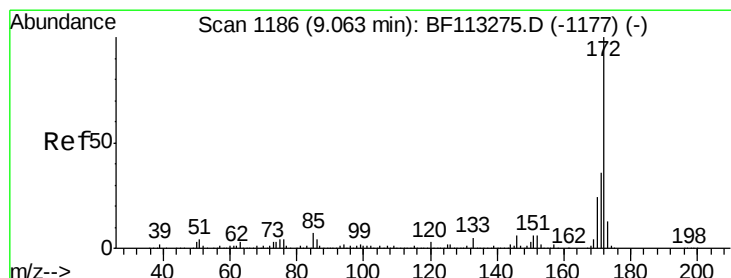
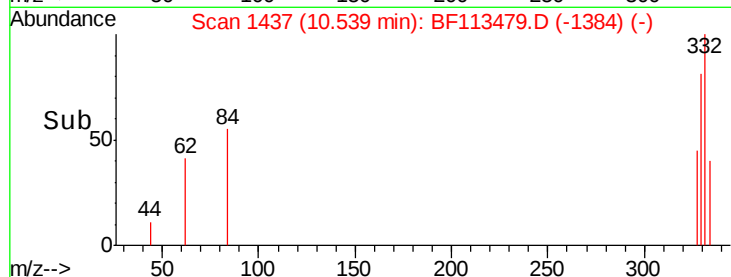
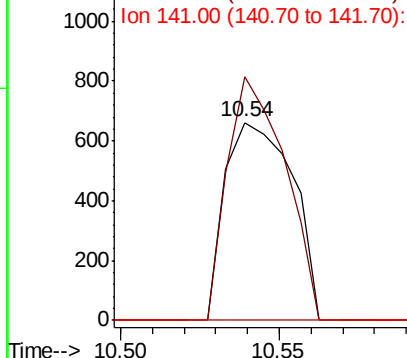
330 100

332 104.6 77.8 116.6

141 0.0 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: -21.464 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF113479.D

Acq: 1 Apr 2019 21:11

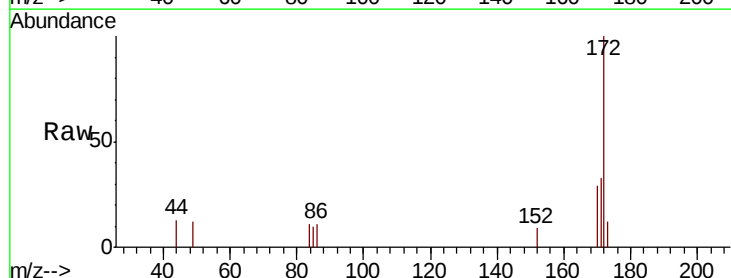
Tgt Ion:172 Resp: 7545

Ion Ratio Lower Upper

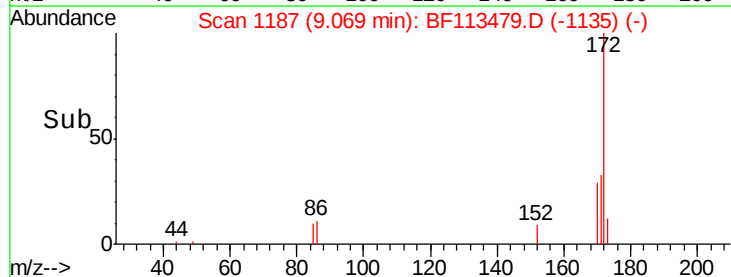
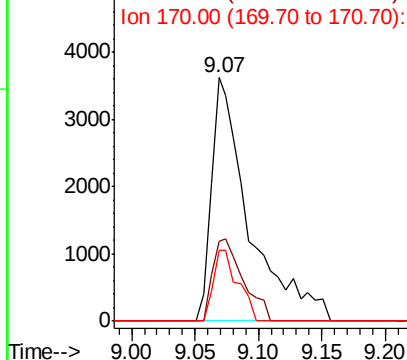
172 100

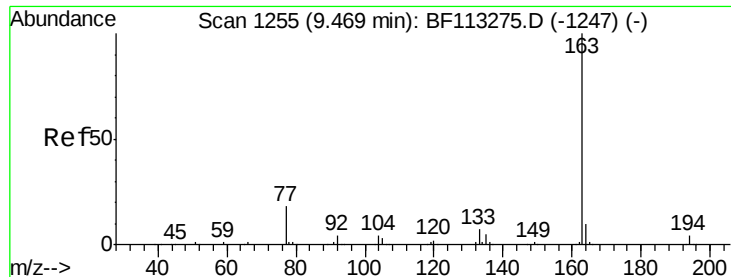
171 32.7 29.0 43.6

170 29.0 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: 2.766 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.27 min

Lab File: BF113479.D

Acq: 1 Apr 2019 21:11

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BELT-PARKWAY-STAGING-YARD-2

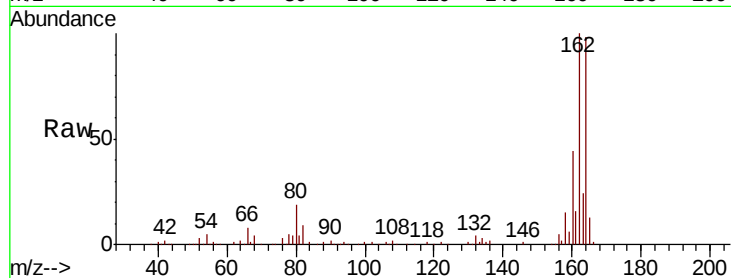
Tgt Ion:163 Resp: 38687

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

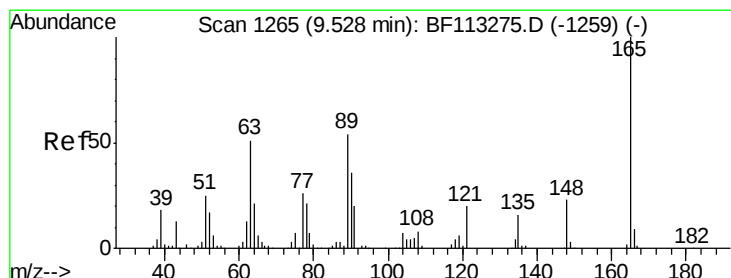
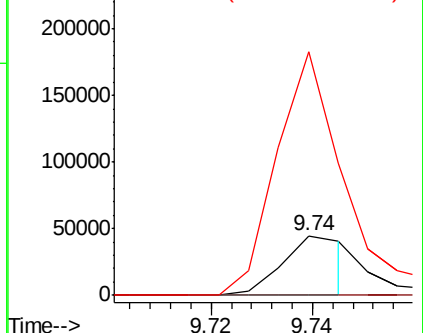
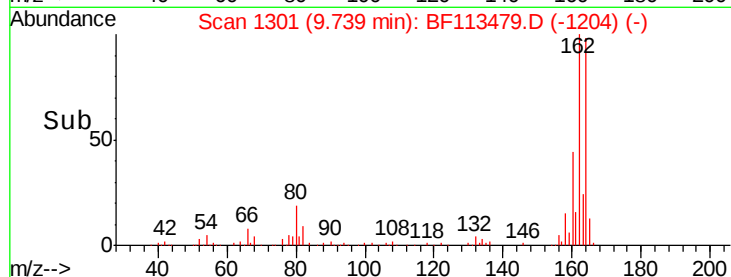
164 408.2 8.1 12.1#



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: 7.463 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.21 min

Lab File: BF113479.D

Acq: 1 Apr 2019 21:11

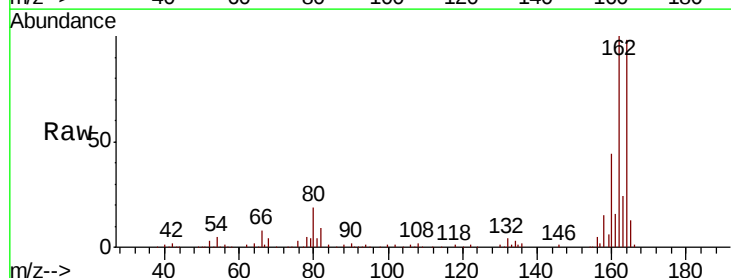
Tgt Ion:165 Resp: 23546

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

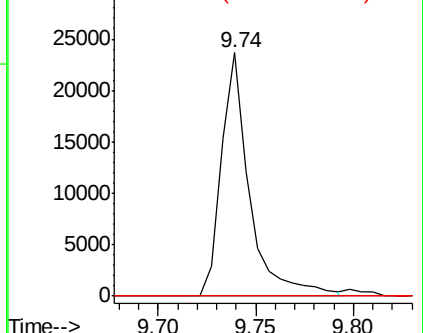
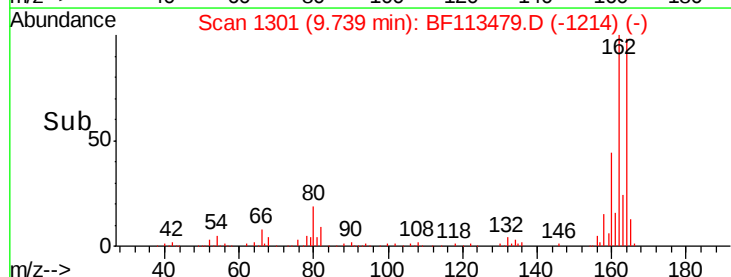
89 0.0 43.1 64.7#

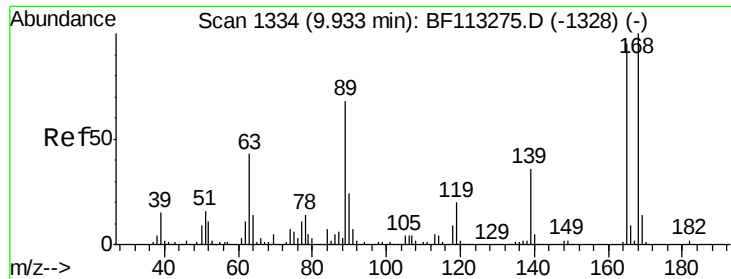


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

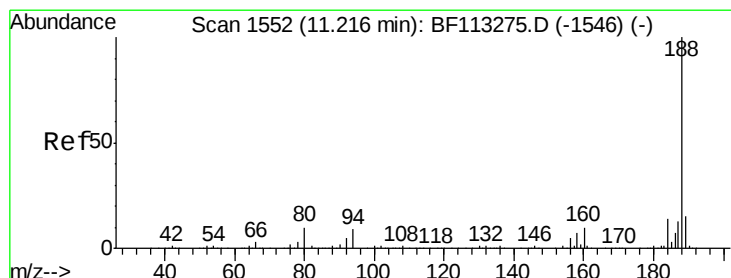
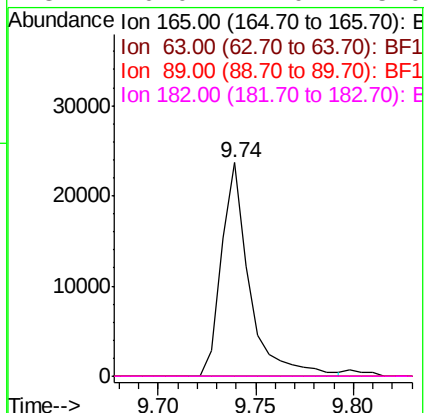
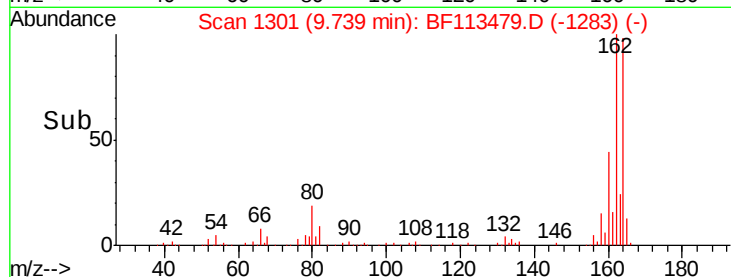
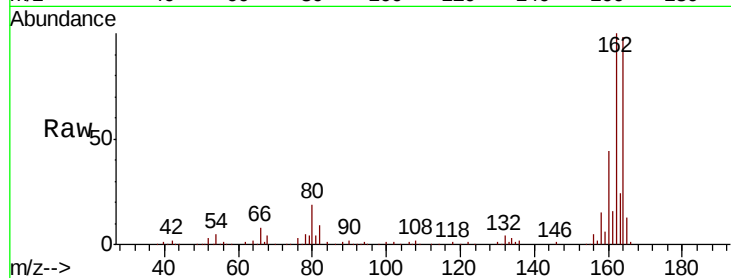




#57
 2,4-Dinitrotoluene
 Concen: 5.868 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.19 min
 Lab File: BF113479.D
 Acq: 1 Apr 2019 21:11

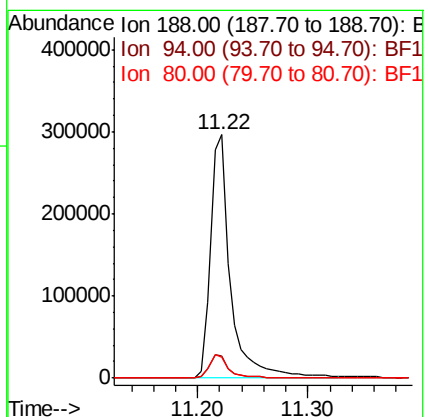
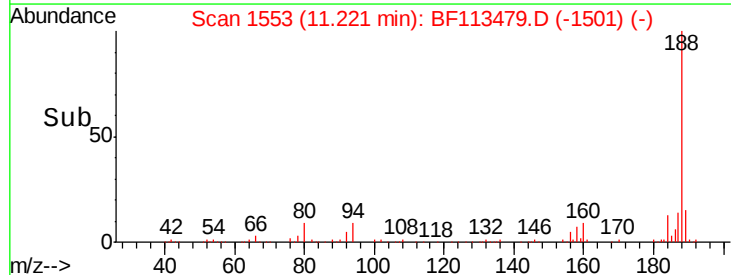
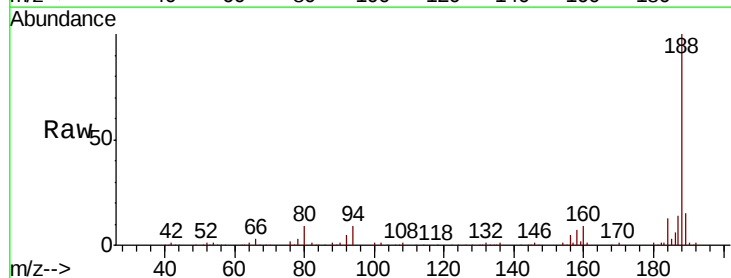
Instrument :
 BNA_F
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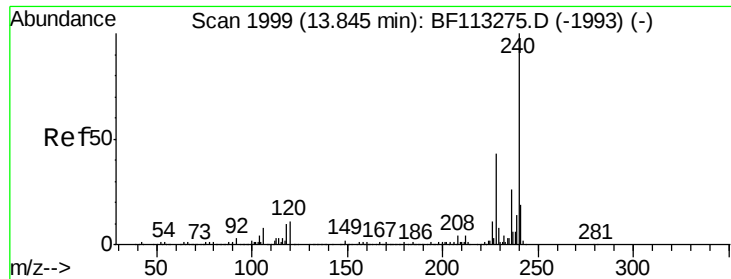
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.5	56.3#
89	0.0	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF113479.D
 Acq: 1 Apr 2019 21:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	8.5	7.7	11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF113479.D

Acq: 1 Apr 2019 21:11

Instrument :

BNA_F

ClientSampleId :

BELT-PARKWAY-STAGING-YARD-2

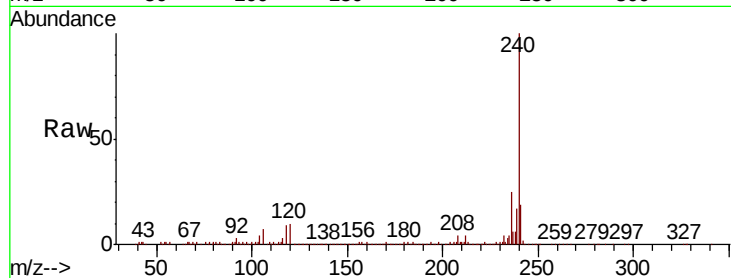
Tgt Ion:240 Resp: 357767

Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

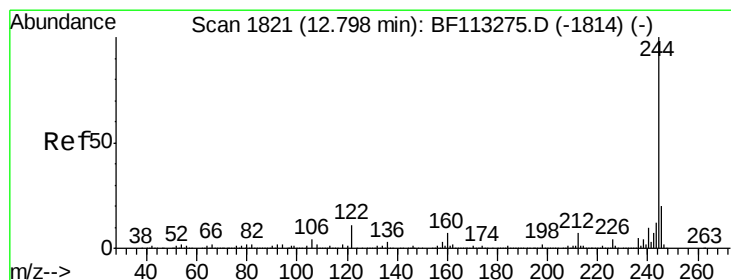
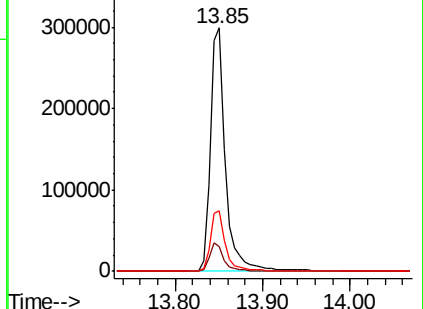
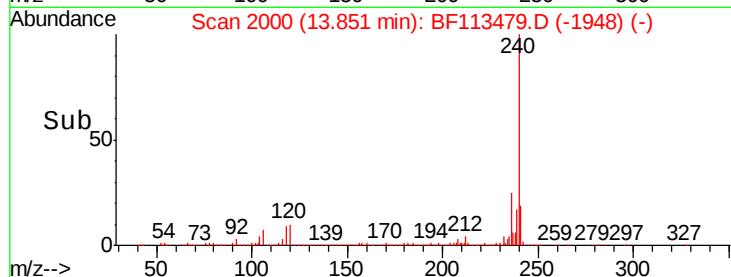
236 25.0 20.9 31.3



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: 1.373 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113479.D

Acq: 1 Apr 2019 21:11

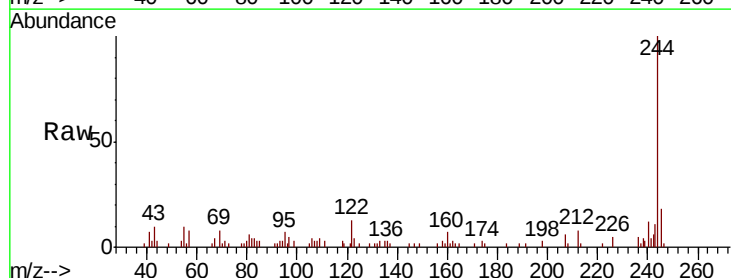
Tgt Ion:244 Resp: 22293

Ion Ratio Lower Upper

244 100

212 8.4 5.5 8.3#

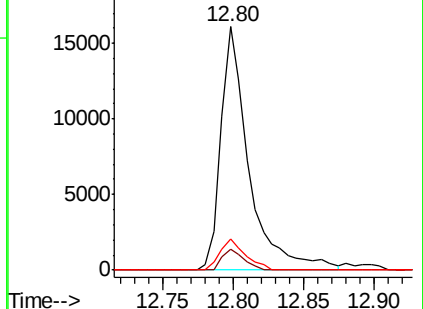
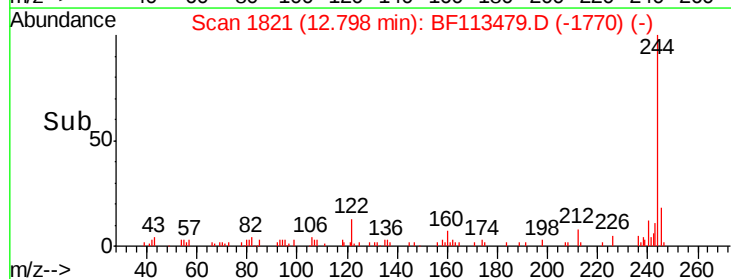
122 12.8 8.6 13.0

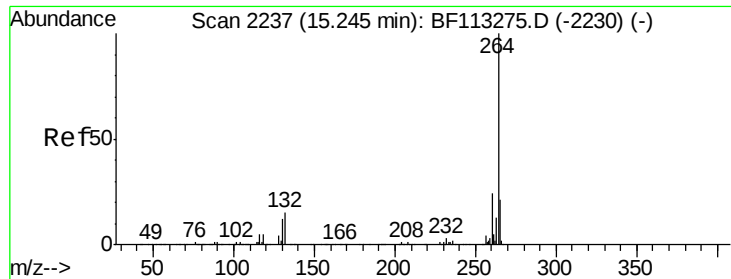


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

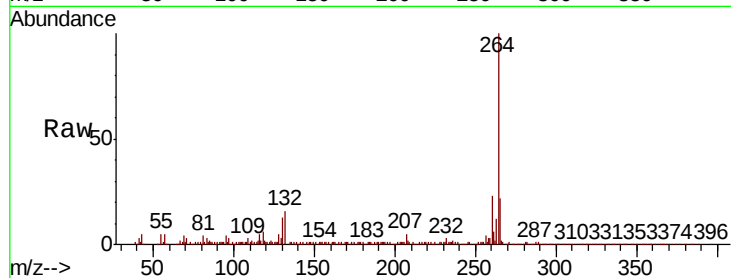




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113479.D
Acq: 1 Apr 2019 21:11

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	22.2	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

