

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040570.D
 Acq On : 19 Apr 2019 20:24
 Operator : JU/SJ
 Sample : K2479-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-74-74

Quant Time: Apr 19 23:12:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

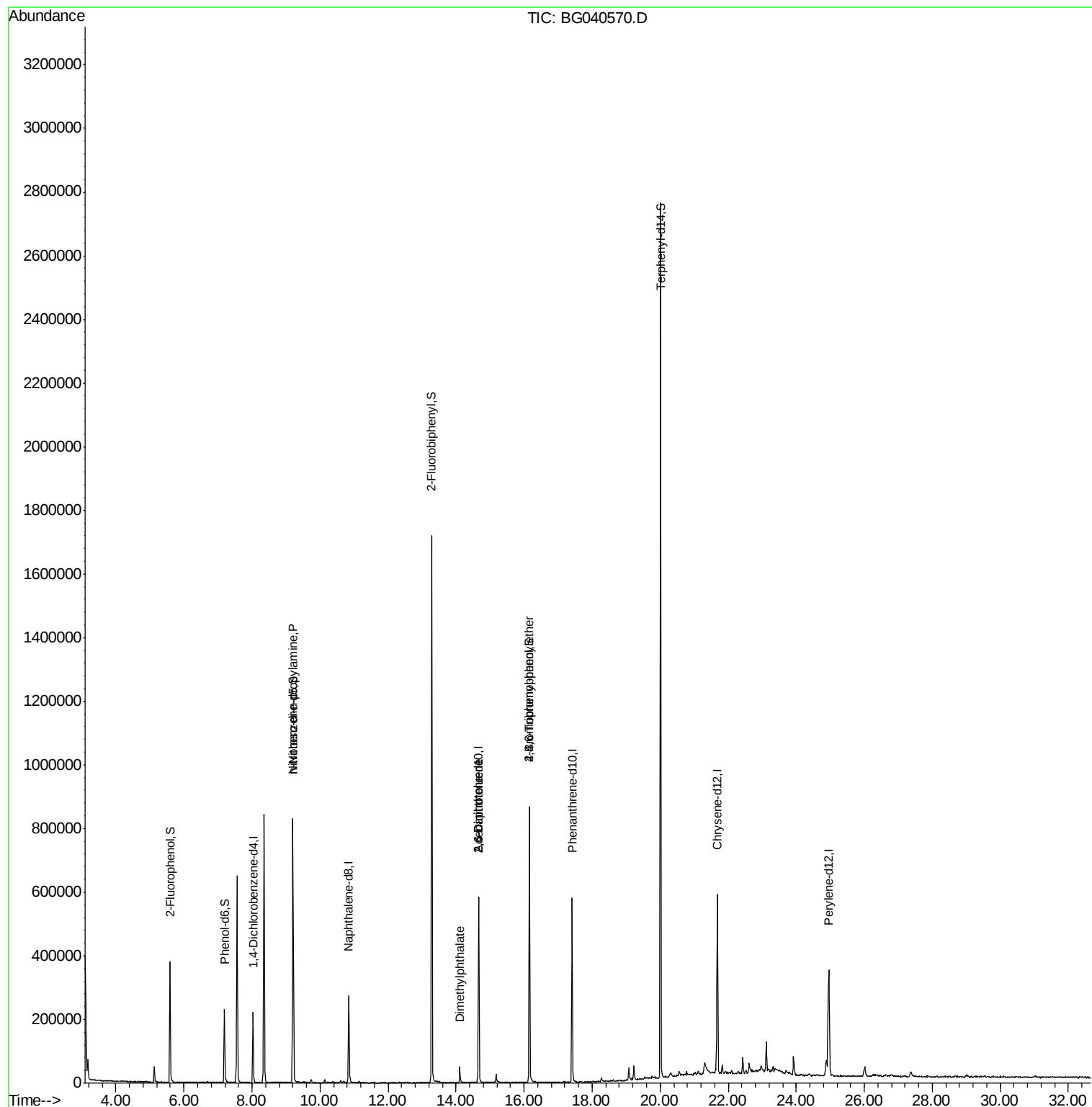
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	63991	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	244981	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	201137	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	368574	20.00	ng	0.00
76) Chrysene-d12	21.68	240	325347	20.00	ng	-0.01
87) Perylene-d12	24.96	264	360046	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	166117	43.16	ng	0.00
7) Phenol-d6	7.19	99	143040	26.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	556521	120.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	163385	75.16	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	944705	69.60	ng	-0.01
79) Terphenyl-d14	20.01	244	1276798	88.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	69078	18.111	ng	Qvalue # 74
50) Dimethylphthalate	14.11	163	38740	2.461	ng	97
51) 2,6-Dinitrotoluene	14.66	165	26023	7.362	ng	# 26
57) 2,4-Dinitrotoluene	14.66	165	26023	5.299	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	12590	3.035	ng	# 1

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

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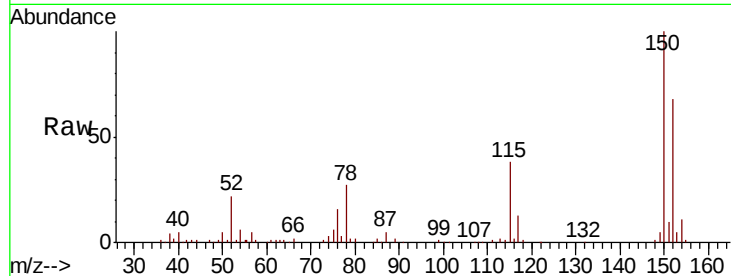


#1

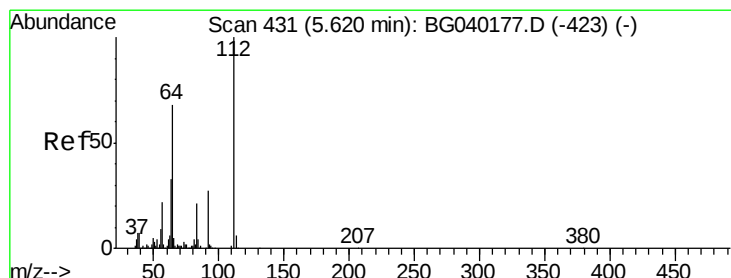
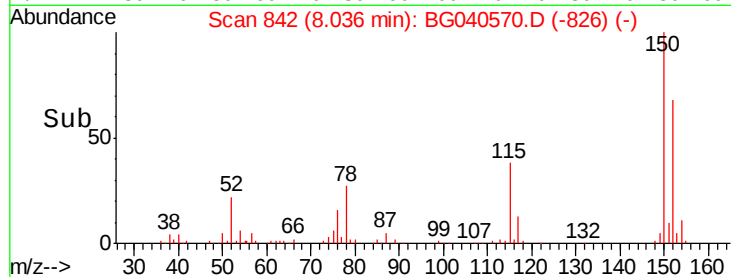
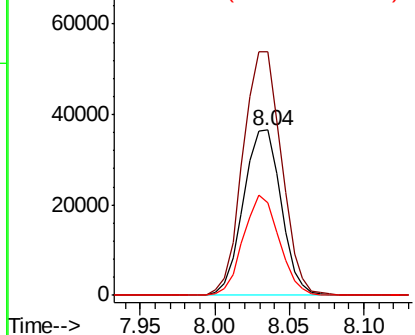
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG040570.D
Acq: 19 Apr 2019 20:24

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-74-74

Tgt Ion:152 Resp: 63991
Ion Ratio Lower Upper
152 100
150 147.1 123.7 185.5
115 56.3 46.9 70.3



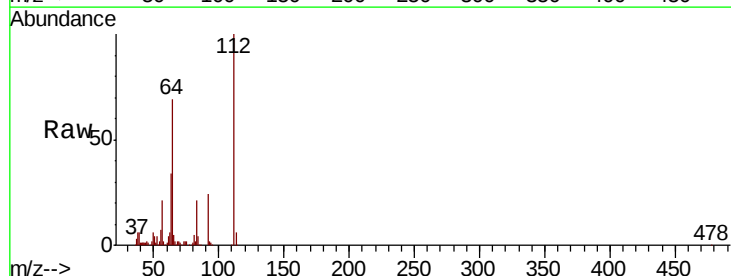
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



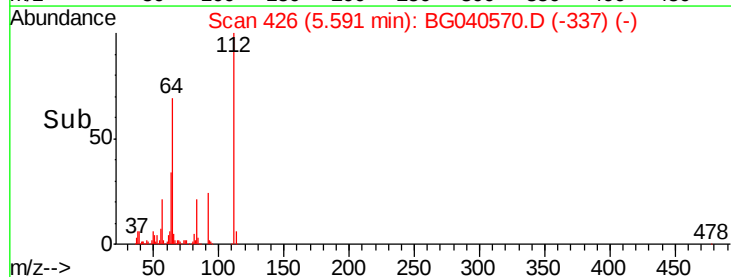
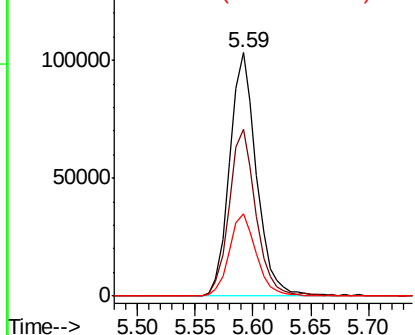
#5

2-Fluorophenol
Concen: 43.155 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.01 min
Lab File: BG040570.D
Acq: 19 Apr 2019 20:24

Tgt Ion:112 Resp: 166117
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.2
63 33.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 26.888 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG040570.D

Acq: 19 Apr 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-74-74

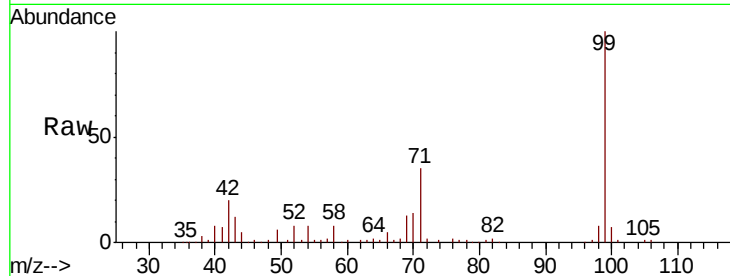
Tgt Ion: 99 Resp: 143040

Ion Ratio Lower Upper

99 100

42 20.4 16.2 24.2

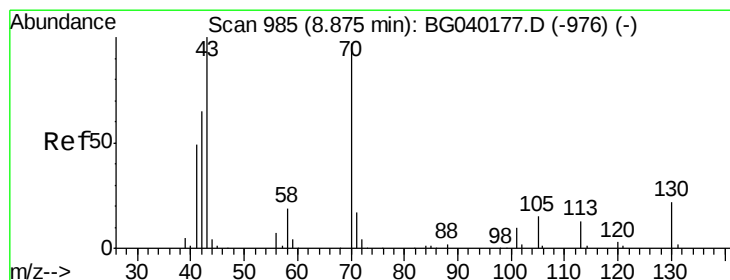
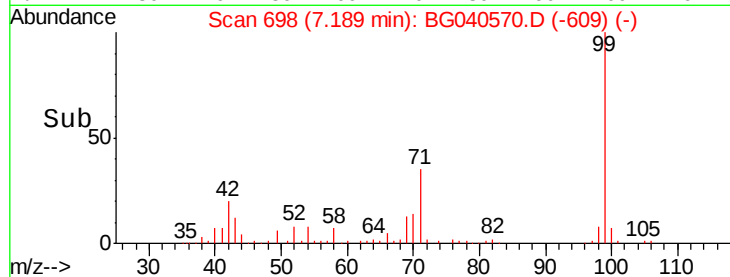
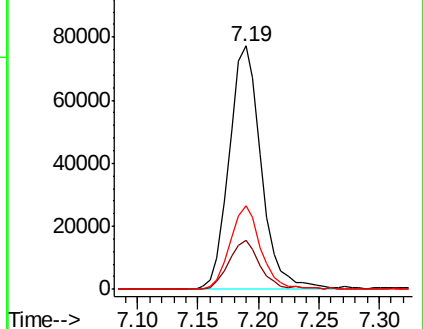
71 34.5 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 18.111 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.36 min

Lab File: BG040570.D

Acq: 19 Apr 2019 20:24

Tgt Ion: 70 Resp: 69078

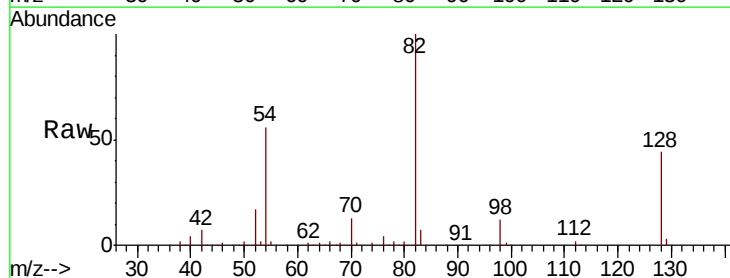
Ion Ratio Lower Upper

70 100

42 52.0 54.0 81.0#

101 0.0 8.6 13.0#

130 1.8 18.2 27.2#

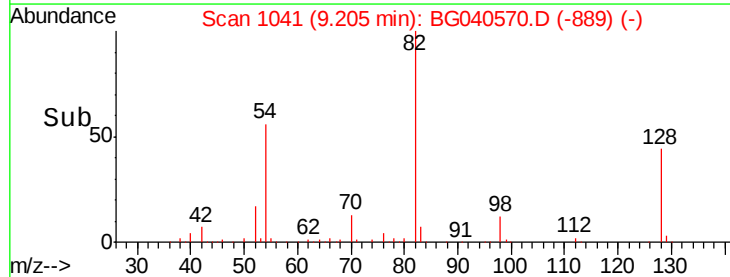
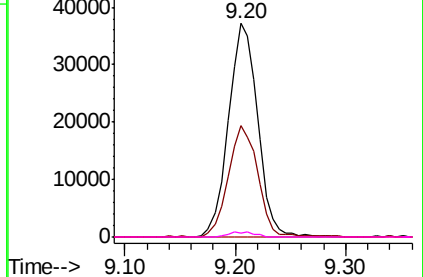


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

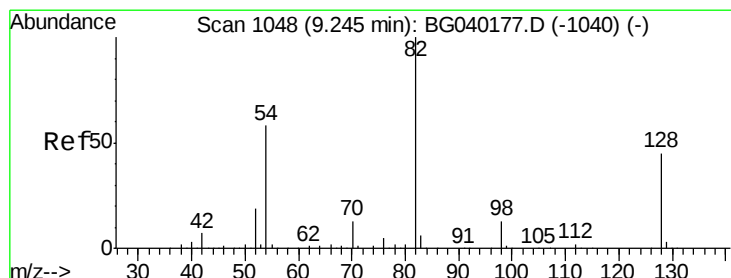
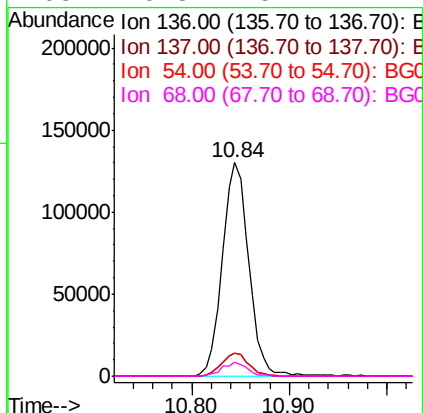
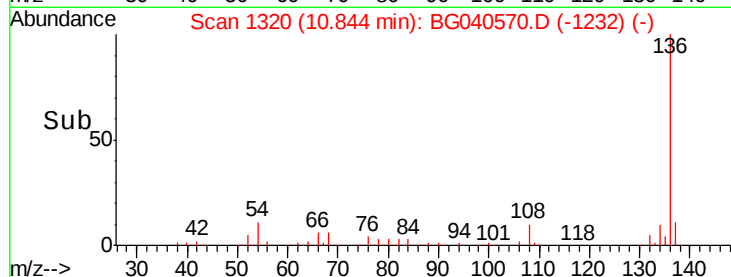
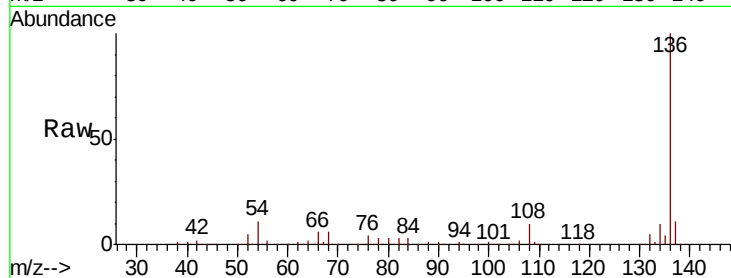




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG040570.D
Acq: 19 Apr 2019 20:24

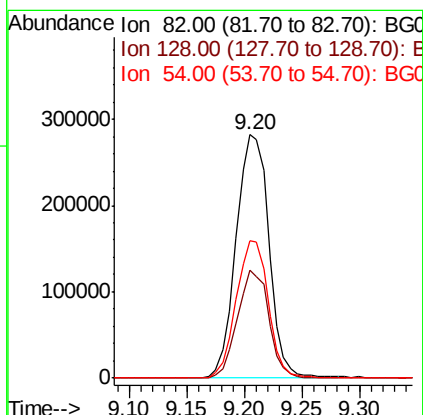
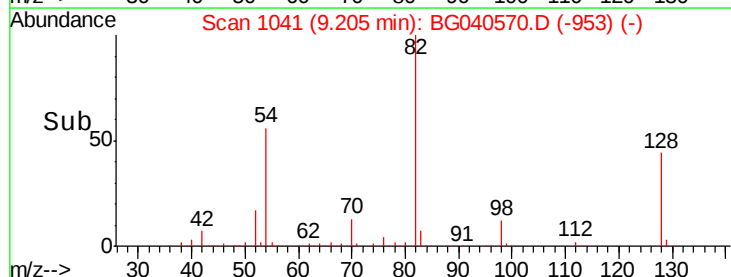
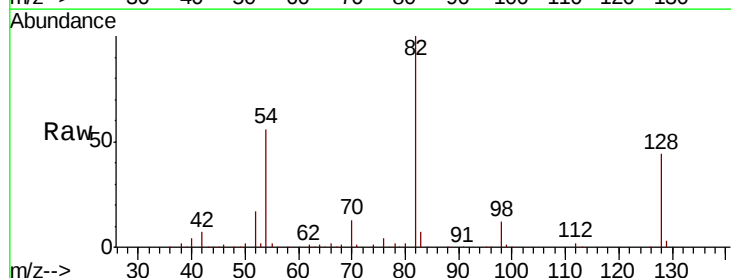
Instrument :
BNA_G
ClientSampleId :
TP-TRACK-74-74

Tgt Ion:	136	Resp:	244981
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.6	9.6	14.4
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 120.748 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040570.D
Acq: 19 Apr 2019 20:24

Tgt Ion:	82	Resp:	556521
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.8
54	56.5	46.2	69.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG040570.D

Acq: 19 Apr 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-74-74

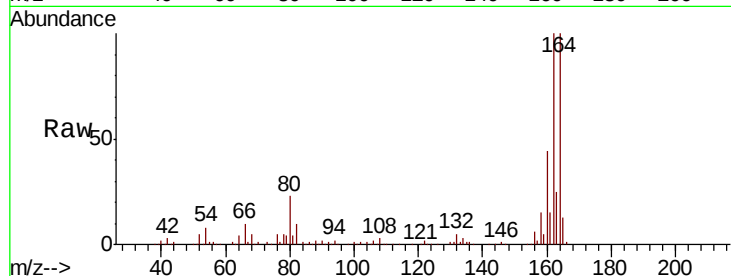
Tgt Ion:164 Resp: 201137

Ion Ratio Lower Upper

164 100

162 99.7 77.4 116.2

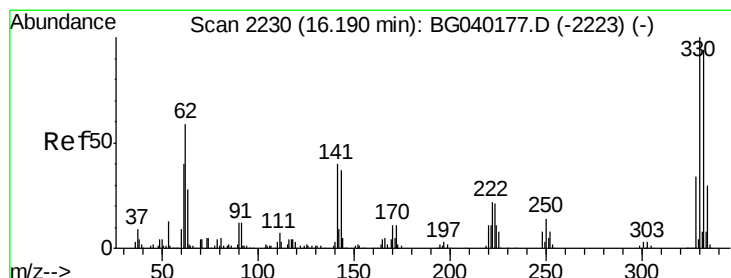
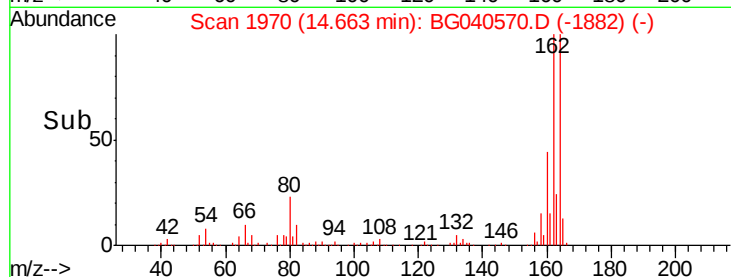
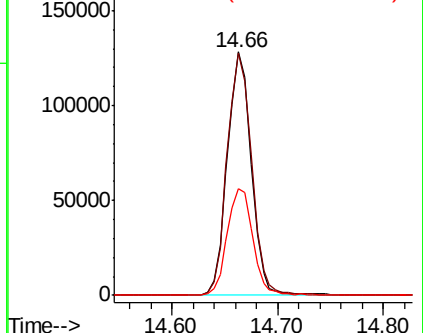
160 43.8 35.3 52.9



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: 75.162 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG040570.D

Acq: 19 Apr 2019 20:24

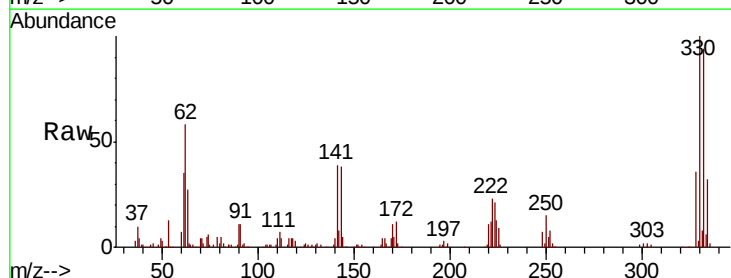
Tgt Ion:330 Resp: 163385

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

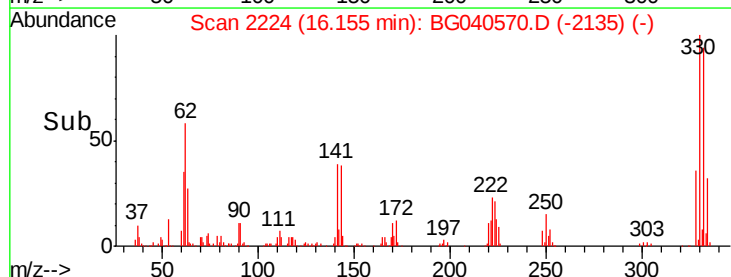
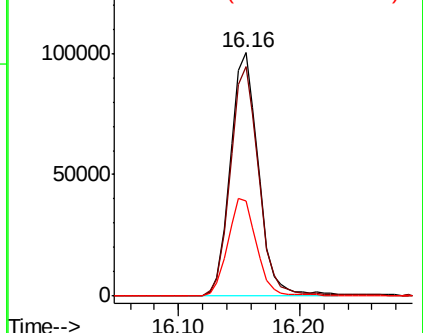
141 41.1 32.6 48.8



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: 69.596 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG040570.D

Acq: 19 Apr 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-74-74

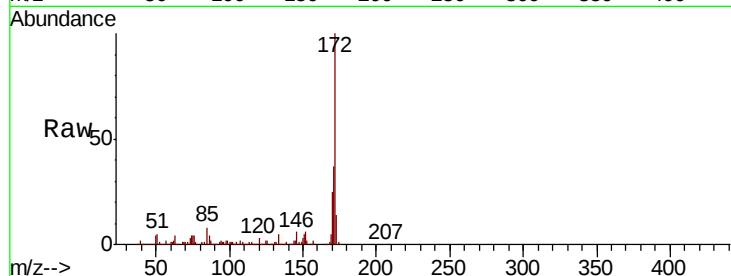
Tgt Ion:172 Resp: 944705

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

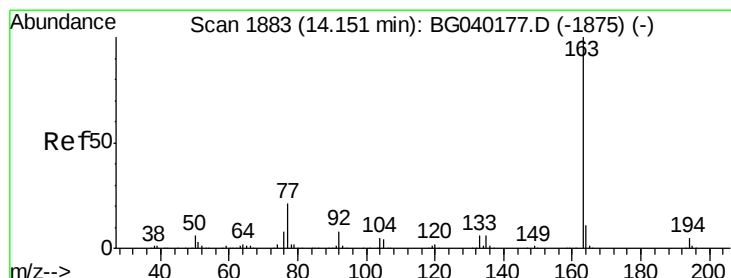
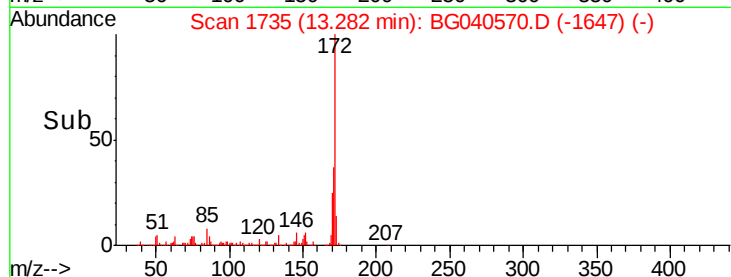
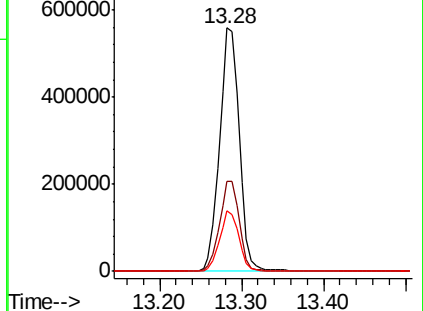
170 24.6 20.1 30.1



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: 2.461 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG040570.D

Acq: 19 Apr 2019 20:24

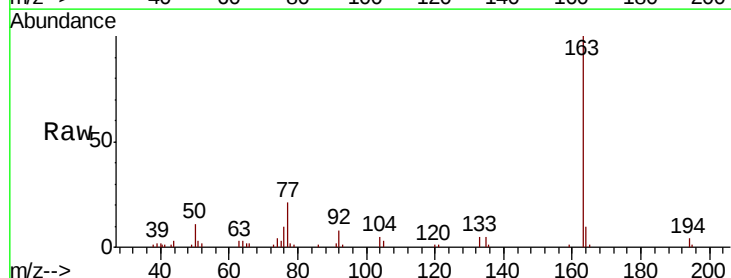
Tgt Ion:163 Resp: 38740

Ion Ratio Lower Upper

163 100

194 4.2 4.1 6.1

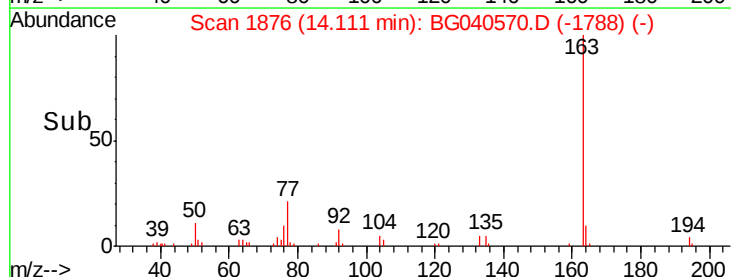
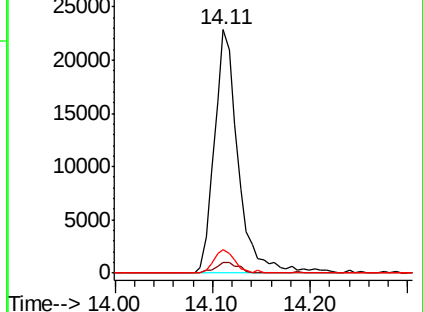
164 9.5 8.6 13.0

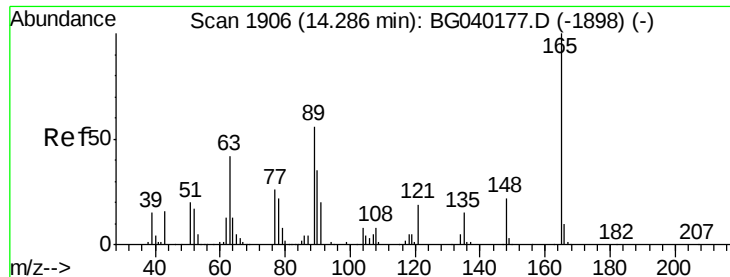


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.362 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.40 min

Lab File: BG040570.D

Acq: 19 Apr 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-74-74

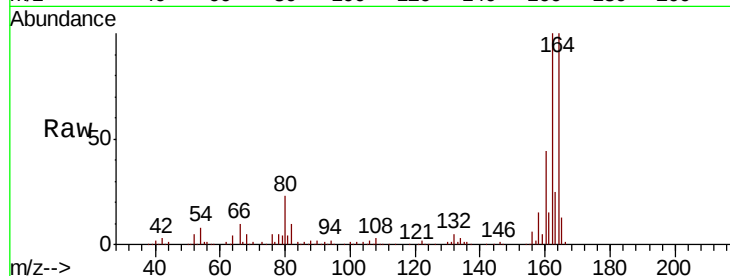
Tgt Ion:165 Resp: 26023

Ion Ratio Lower Upper

165 100

63 2.0 44.1 66.1#

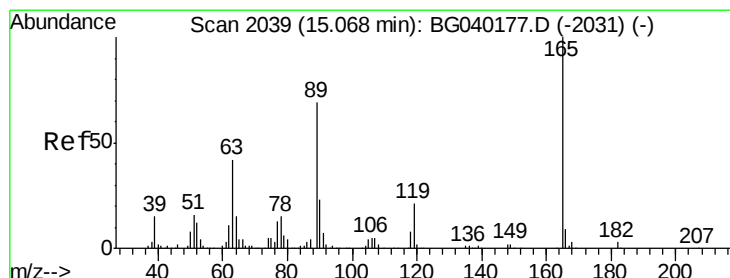
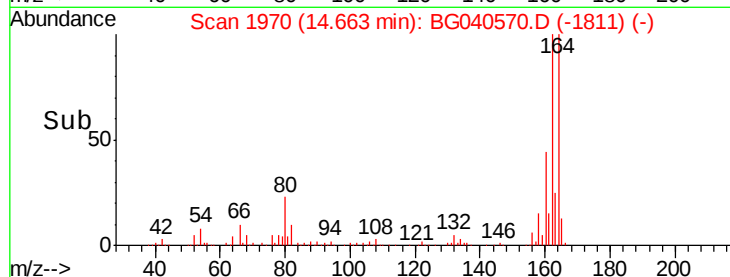
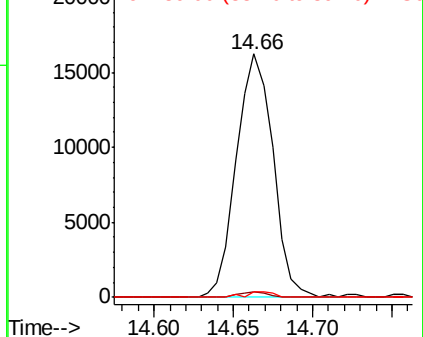
89 2.1 44.9 67.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57

2,4-Dinitrotoluene

Concen: 5.299 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.38 min

Lab File: BG040570.D

Acq: 19 Apr 2019 20:24

Tgt Ion:165 Resp: 26023

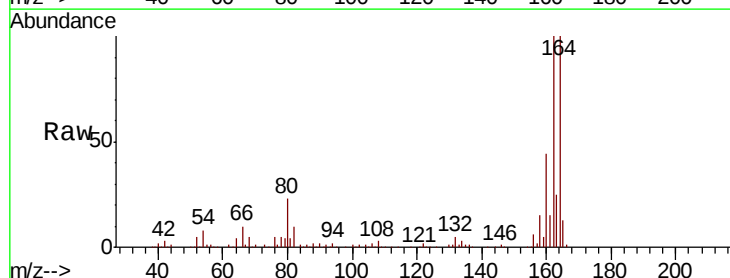
Ion Ratio Lower Upper

165 100

63 2.0 33.8 50.6#

89 2.1 55.4 83.2#

182 0.0 2.2 3.4#

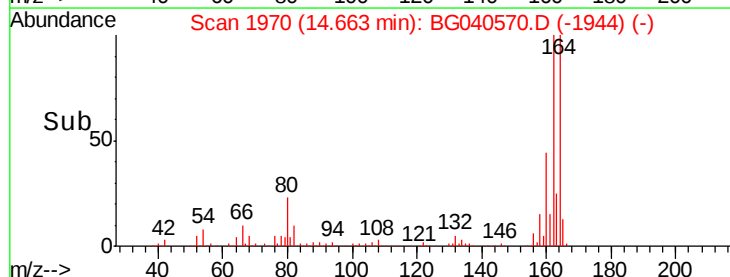
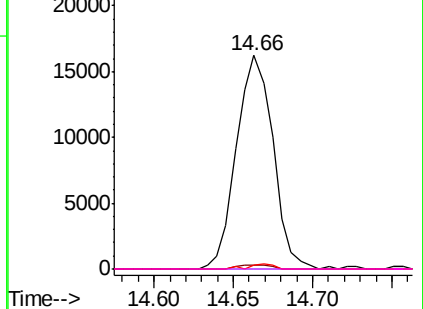


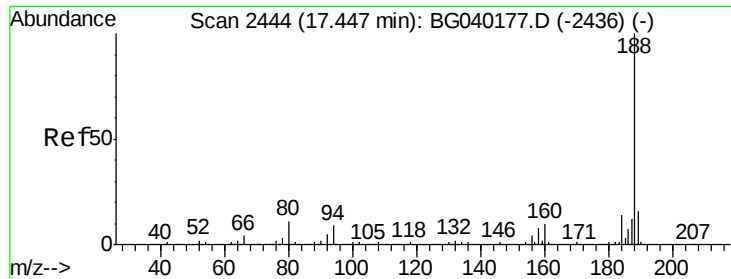
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

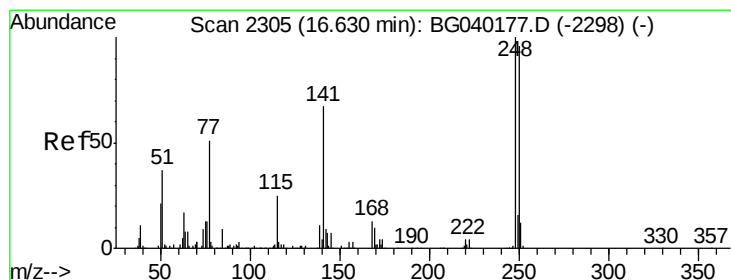
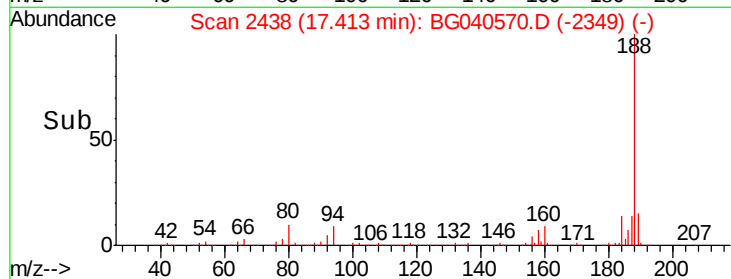
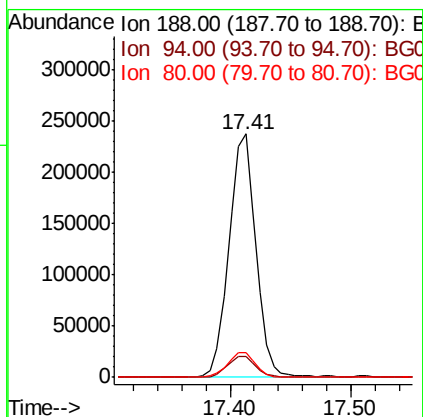
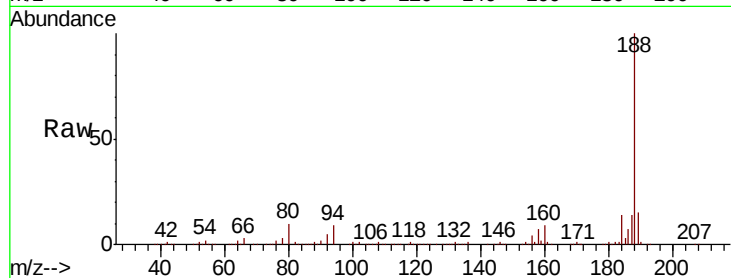




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG040570.D
 Acq: 19 Apr 2019 20:24

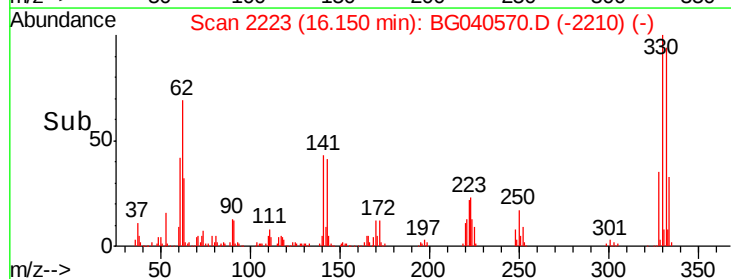
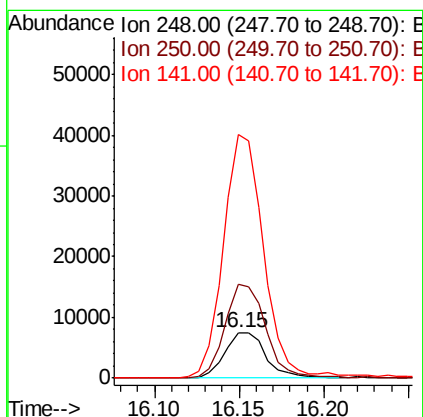
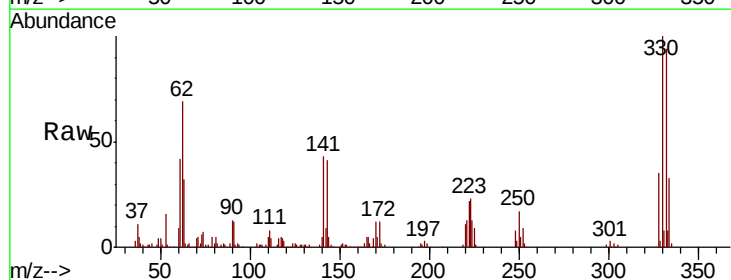
Instrument :
 BNA_G
 ClientSampleId :
 TP-TRACK-74-74

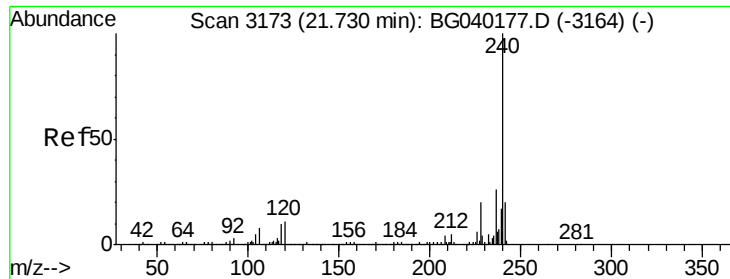
Tgt Ion:188 Resp: 368574
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.0 10.4
 80 10.2 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 3.035 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.46 min
 Lab File: BG040570.D
 Acq: 19 Apr 2019 20:24

Tgt Ion:248 Resp: 12590
 Ion Ratio Lower Upper
 248 100
 250 156.2 76.4 114.6#
 141 404.2 53.8 80.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG040570.D

Acq: 19 Apr 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-TRACK-74-74

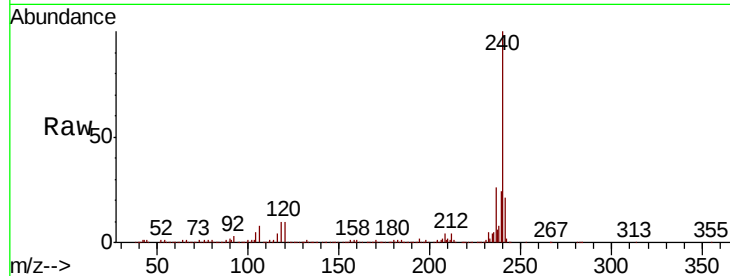
Tgt Ion:240 Resp: 325347

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 26.3 20.8 31.2



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

250000

200000

150000

100000

50000

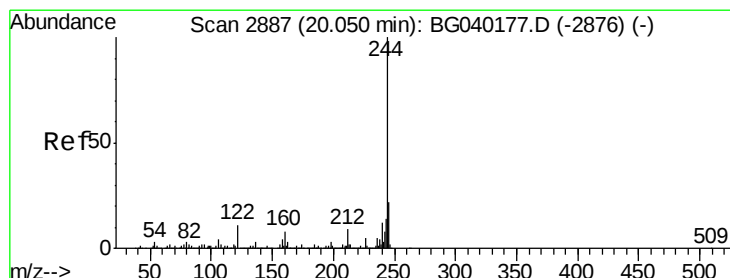
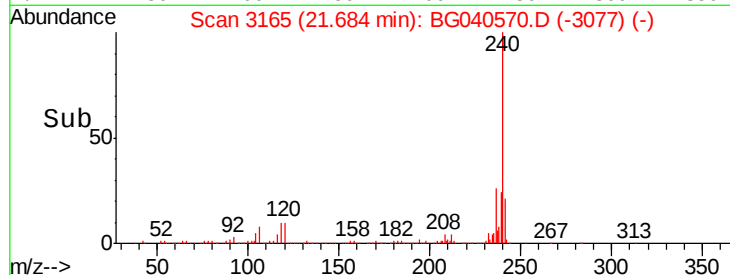
0

21.68

21.60

21.70

Time-->



#79

Terphenyl-d14

Concen: 88.286 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG040570.D

Acq: 19 Apr 2019 20:24

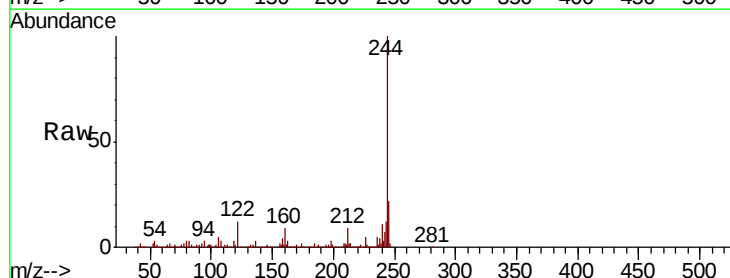
Tgt Ion:244 Resp: 1276798

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

122 12.2 8.5 12.7



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

1200000

1000000

800000

600000

400000

200000

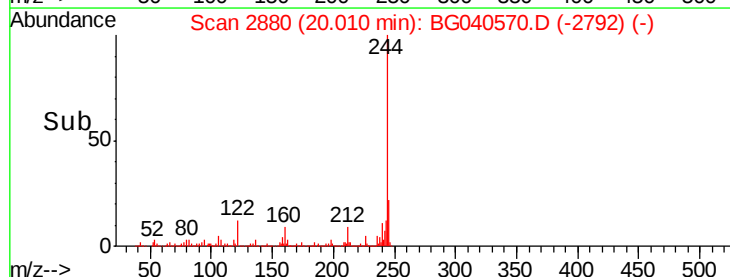
0

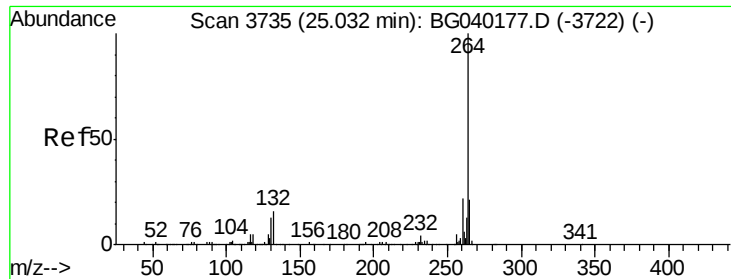
20.01

19.90

20.10

Time-->





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG040570.D
Acq: 19 Apr 2019 20:24

Instrument :
BNA_G
ClientSampleId :
TP-TRACK-74-74

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	20.4	16.8	25.2

