

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042529.D
 Acq On : 28 Aug 2019 11:19
 Operator : HP/JU
 Sample : PB122569BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 15:14:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

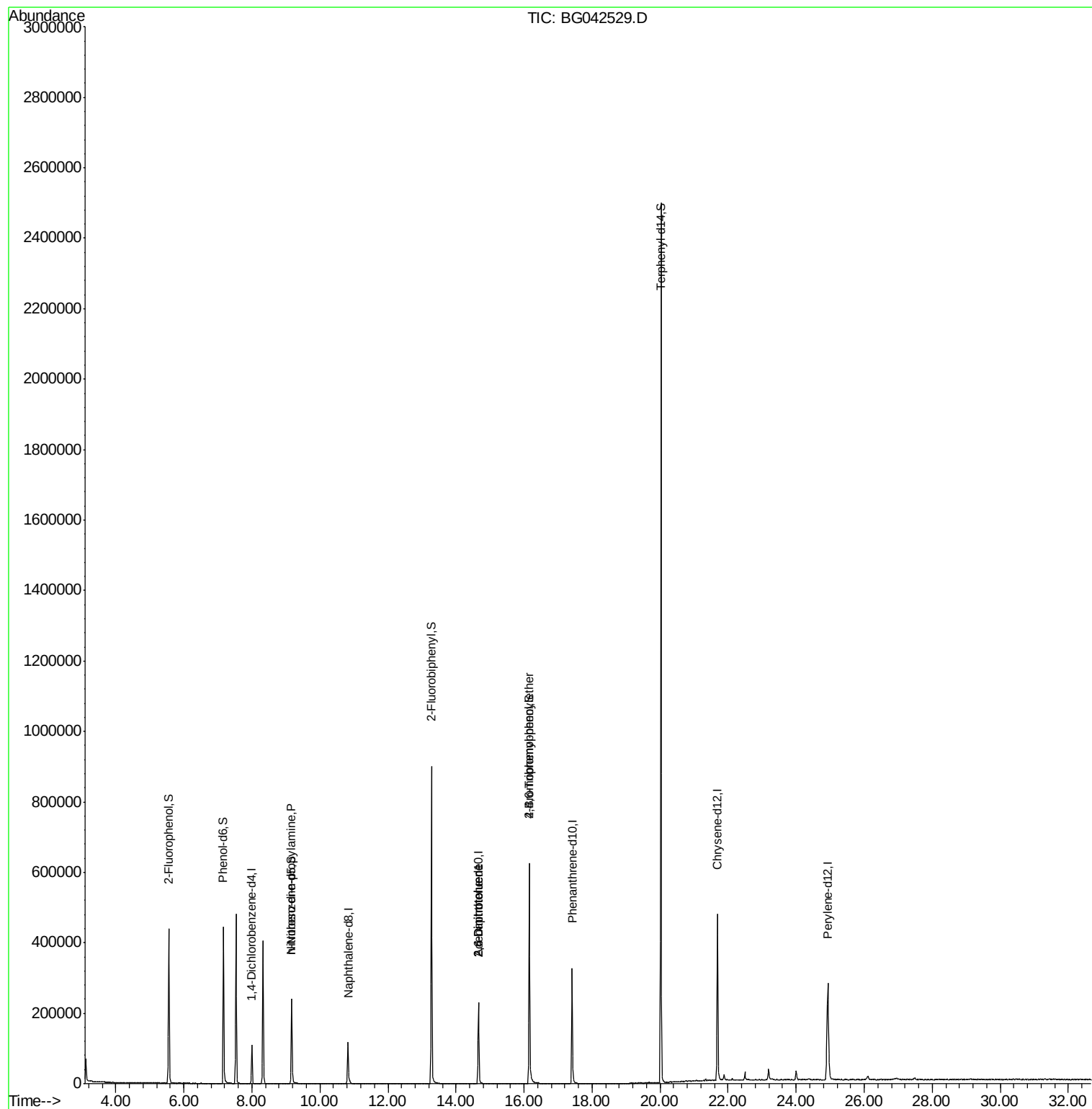
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37829	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	139909	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	107574	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	268976	20.00	ng	0.00
76) Chrysene-d12	21.69	240	325390	20.00	ng	0.00
87) Perylene-d12	24.92	264	370438	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	228803	122.50	ng	0.00
7) Phenol-d6	7.16	99	300685	119.18	ng	0.00
23) Nitrobenzene-d5	9.17	82	171236	84.58	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	183751	120.18	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	569562	89.55	ng	0.00
79) Terphenyl-d14	20.02	244	1283202	85.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	21971	13.442	ng	# 76
51) 2,6-Dinitrotoluene	14.66	165	13538	7.525	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	13538	5.255	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	12587	3.689	ng	# 1

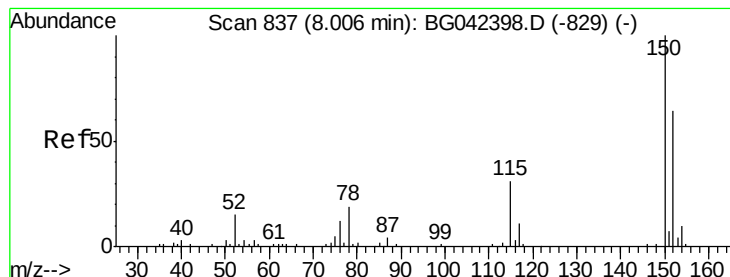
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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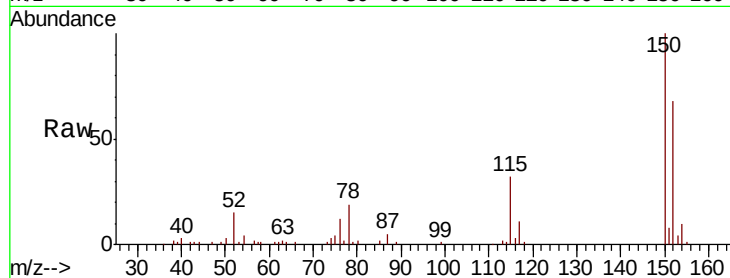


#1

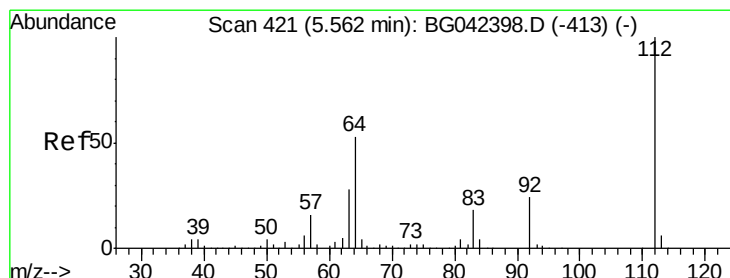
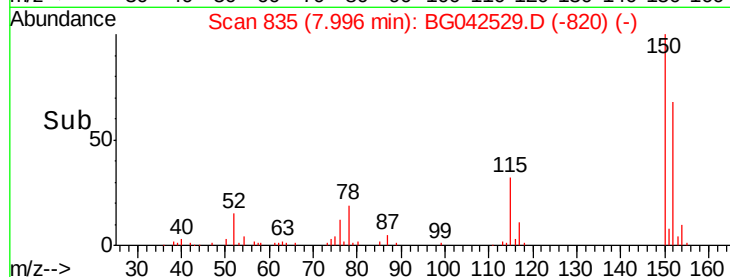
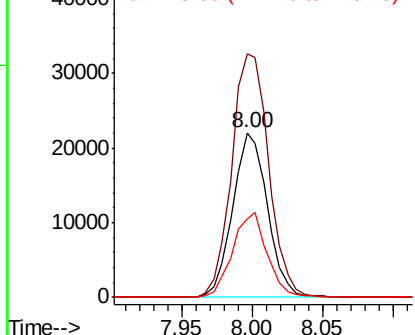
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042529.D
Acq: 28 Aug 2019 11:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 37829
Ion Ratio Lower Upper
152 100
150 147.8 125.4 188.0
115 47.3 38.5 57.7



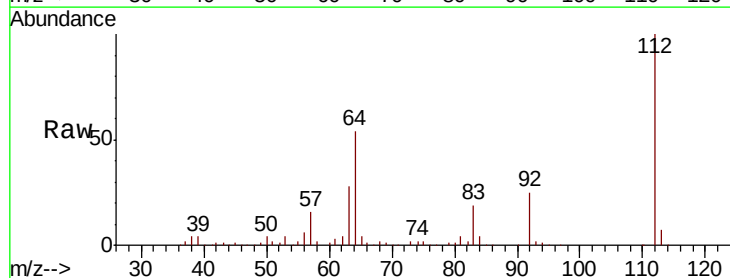
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



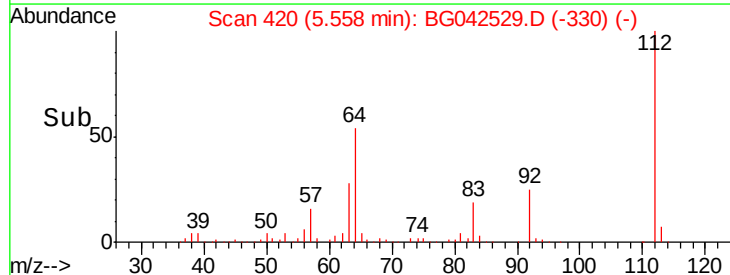
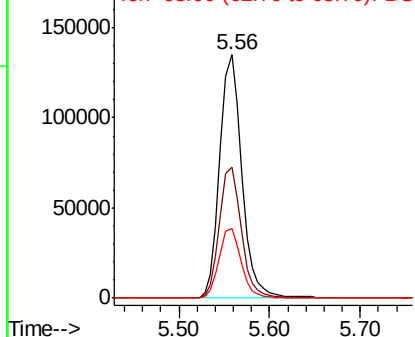
#5

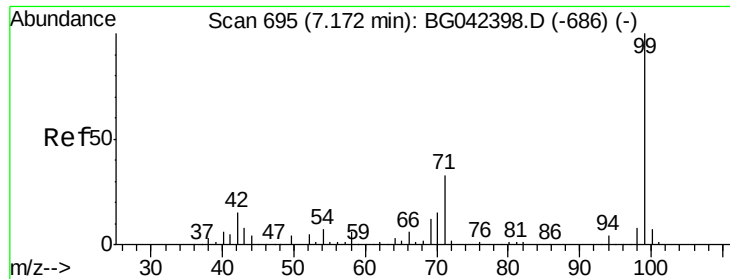
2-Fluorophenol
Concen: 122.497 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042529.D
Acq: 28 Aug 2019 11:19

Tgt Ion:112 Resp: 228803
Ion Ratio Lower Upper
112 100
64 54.0 42.8 64.2
63 28.3 22.7 34.1



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: 119.177 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

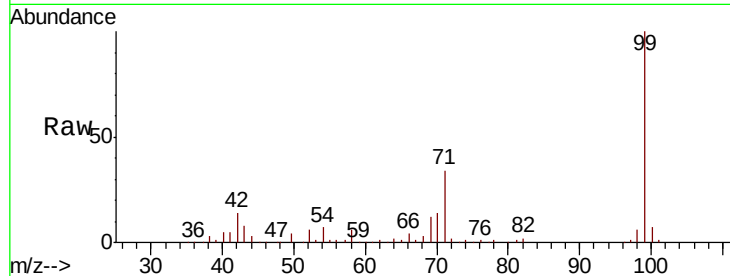
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 300685

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.0	18.0
71	33.9	26.3	39.5

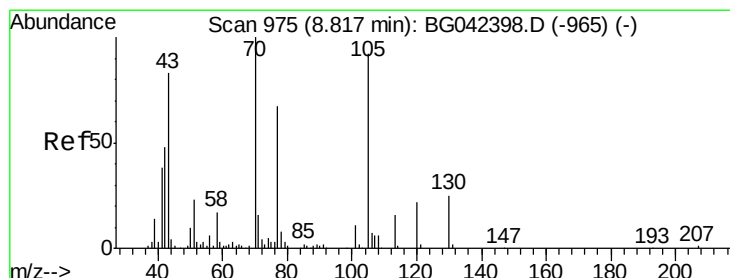
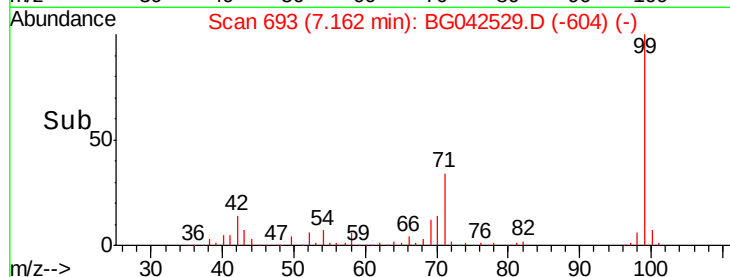
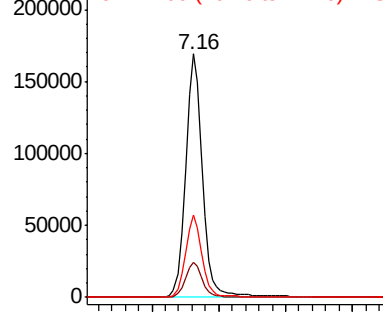


Abundance

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: 13.442 ng

RT: 9.17 min Scan# 1034

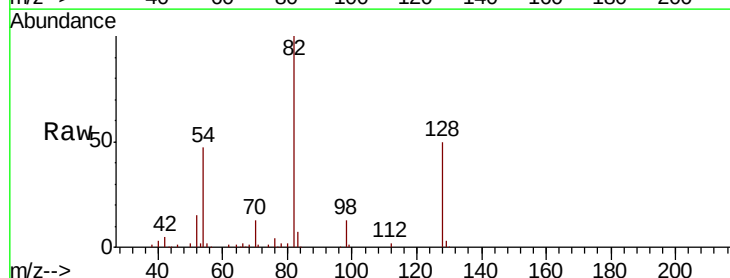
Delta R.T. 0.35 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

Tgt Ion: 70 Resp: 21971

Ion	Ratio	Lower	Upper
70	100		
42	39.8	38.8	58.2
101	0.0	9.0	13.6#
130	3.3	20.0	30.0#



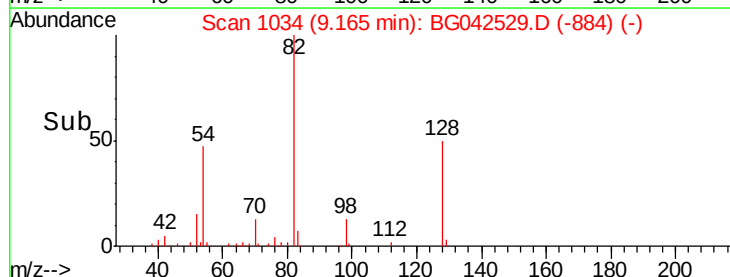
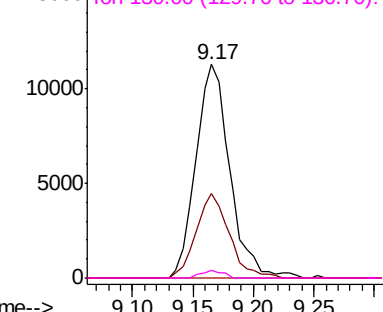
Abundance

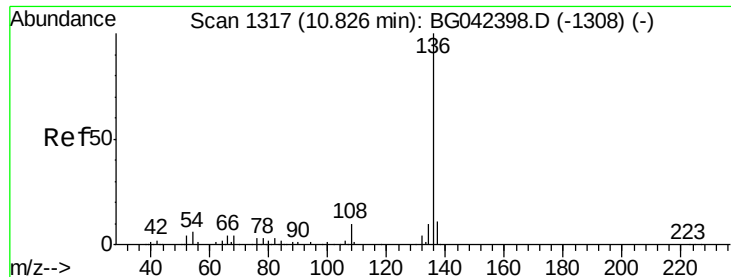
Ion 70.00 (69.70 to 70.70): BGC

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

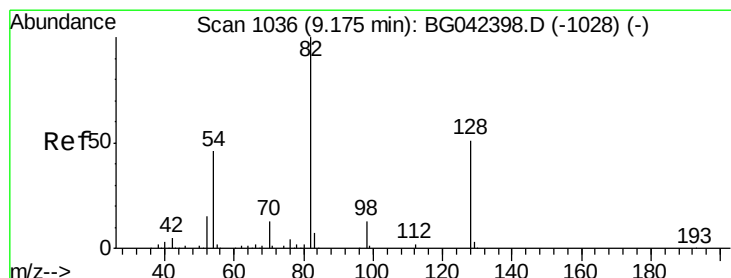
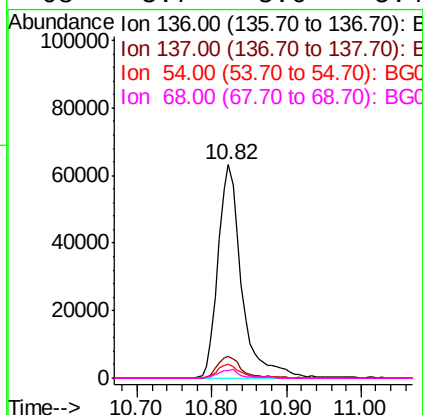
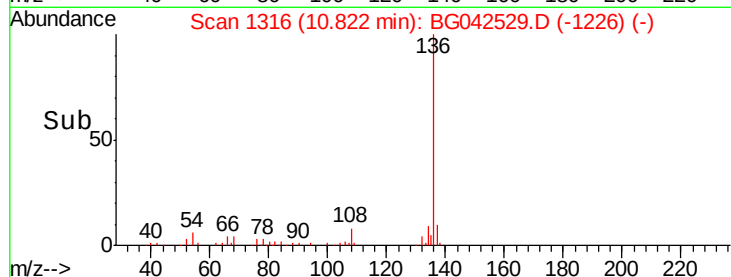
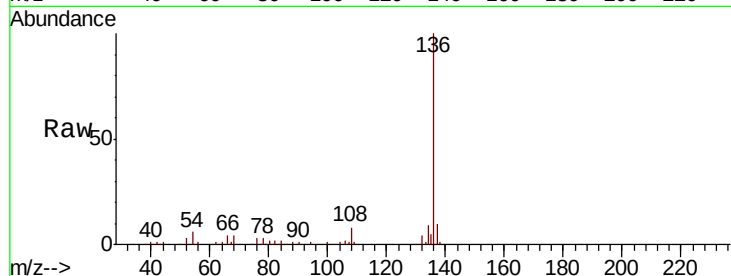




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042529.D
Acq: 28 Aug 2019 11:19

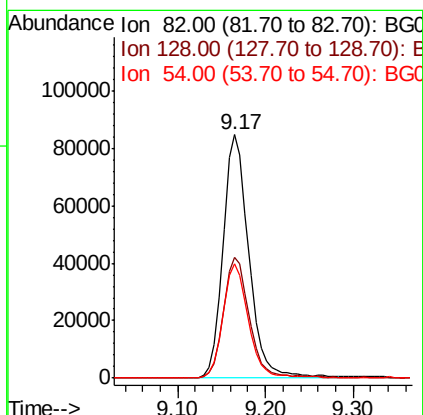
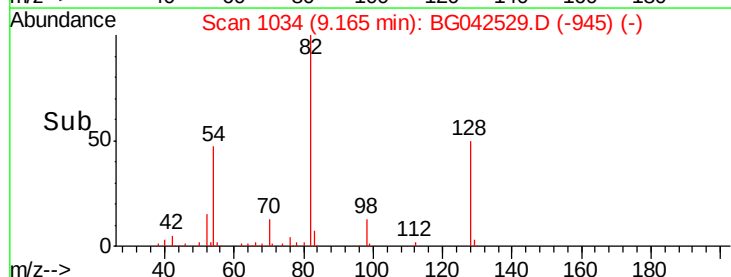
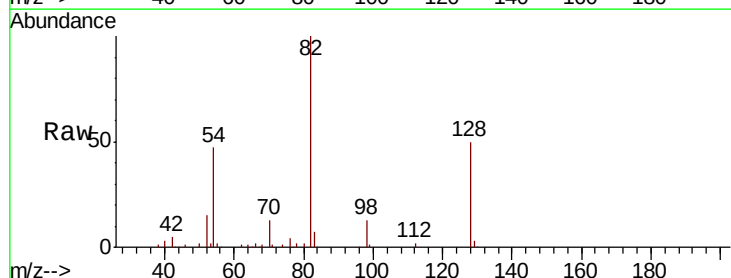
Instrument :
BNA_F
ClientSampleId :

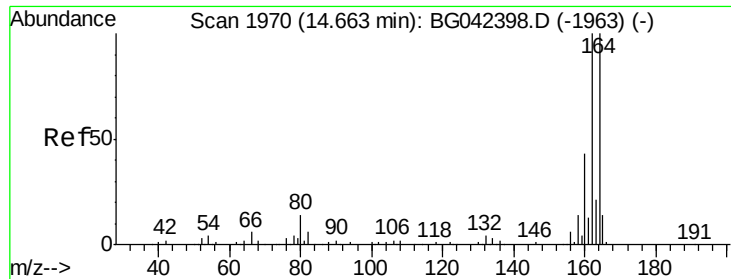
Tot Ion:136	Resp:	139909
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.7	13.1
54 6.5	4.9	7.3
68 3.7	3.6	5.4



#23
Nitrobenzene-d5
Concen: 84.577 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042529.D
Acq: 28 Aug 2019 11:19

Tgt Ion: 82	Resp: 171236
Ion Ratio	Lower Upper
82 100	
128 49.6	40.7 61.1
54 46.9	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

Instrument :

BNA_F

ClientSampleId :

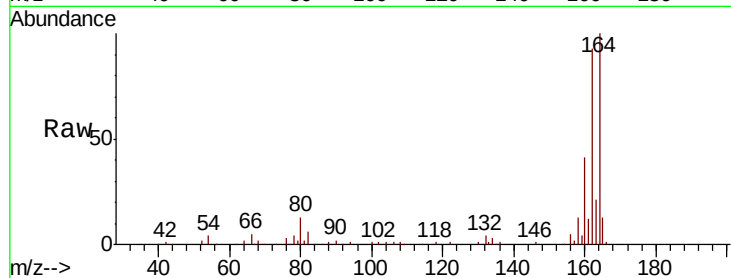
Tot Ion:164 Resp: 107574

Ion Ratio Lower Upper

164 100

162 92.9 79.9 119.9

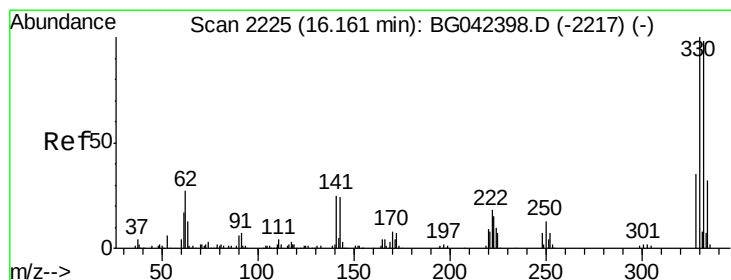
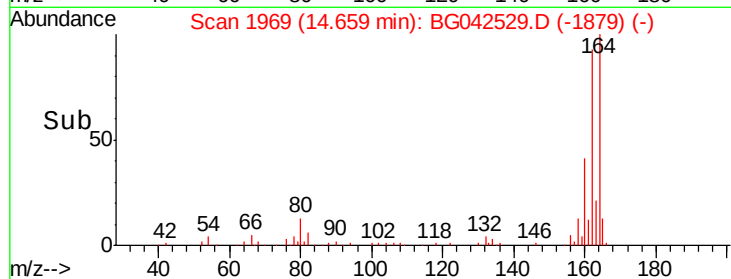
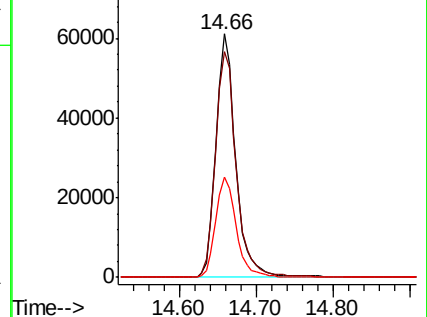
160 41.1 34.3 51.5



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: 120.178 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

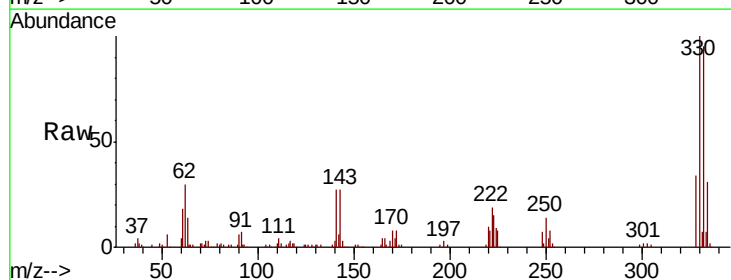
Tgt Ion:330 Resp: 183751

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

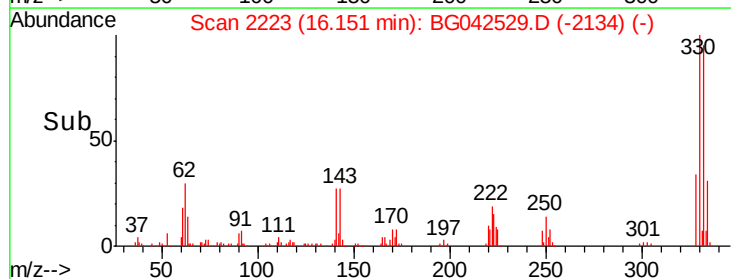
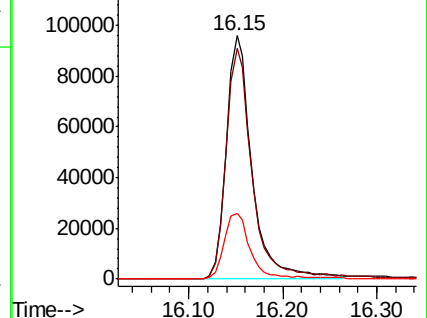
141 28.5 21.4 32.0

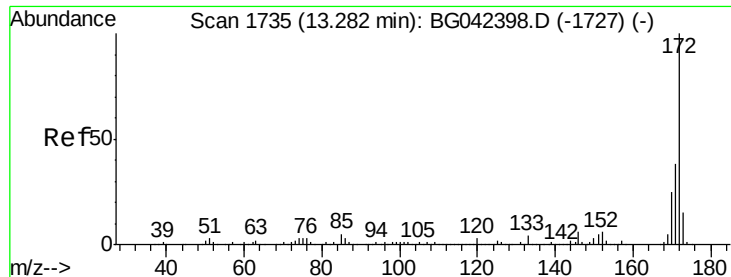


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

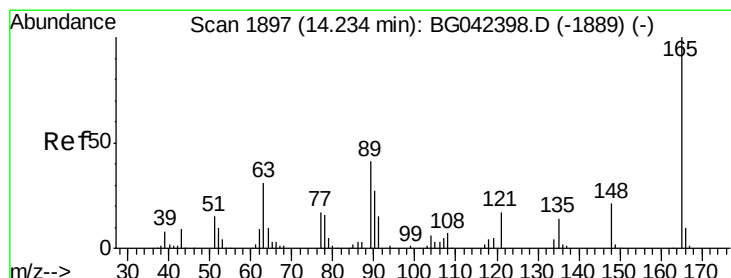
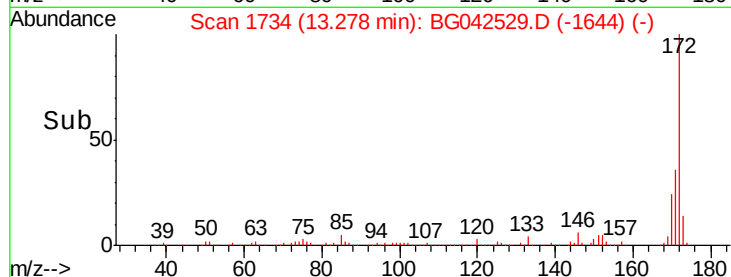
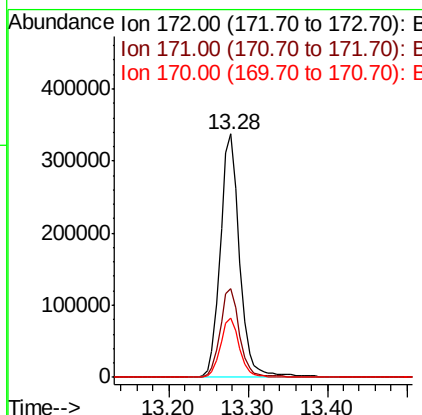
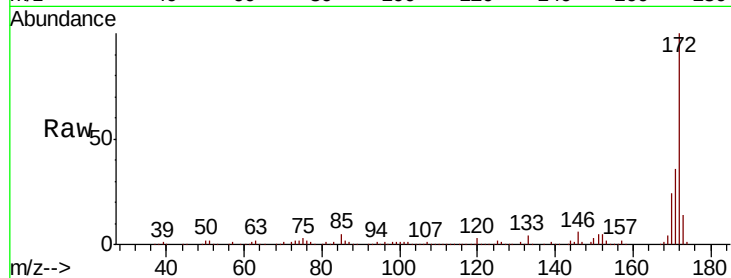




#45
 2-Fluorobiphenyl
 Concen: 89.547 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042529.D
 Acq: 28 Aug 2019 11:19

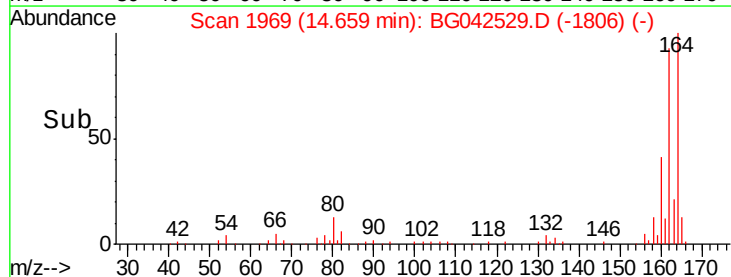
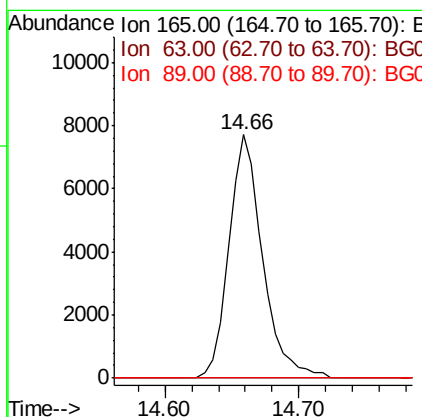
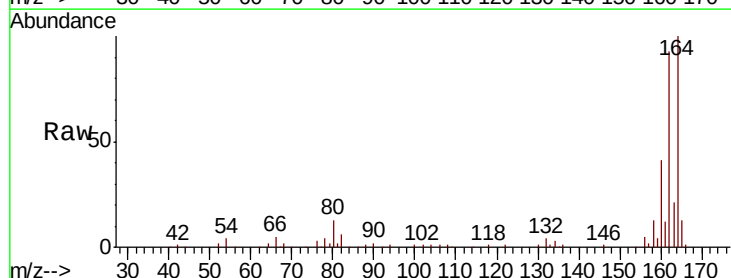
Instrument :
 BNA_F
 ClientSampleId :

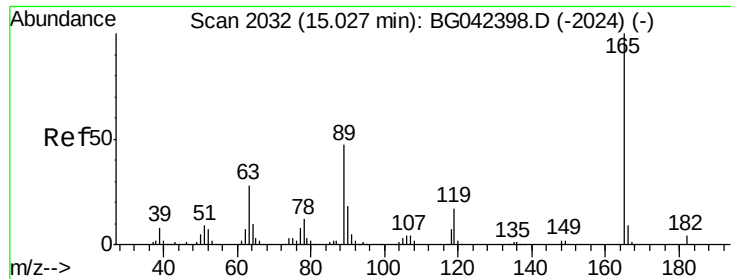
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	24.4	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.525 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.42 min
 Lab File: BG042529.D
 Acq: 28 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#

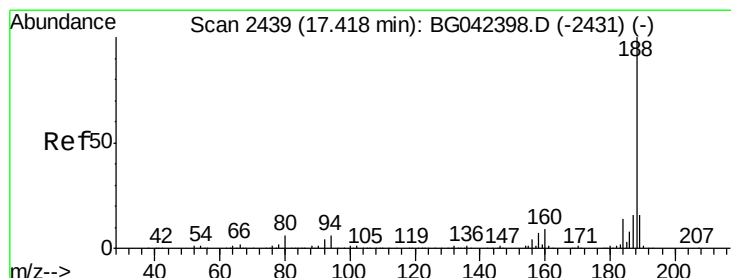
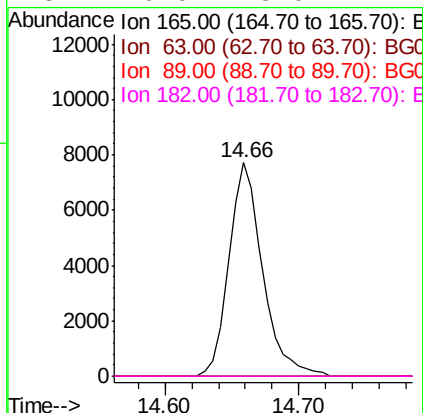
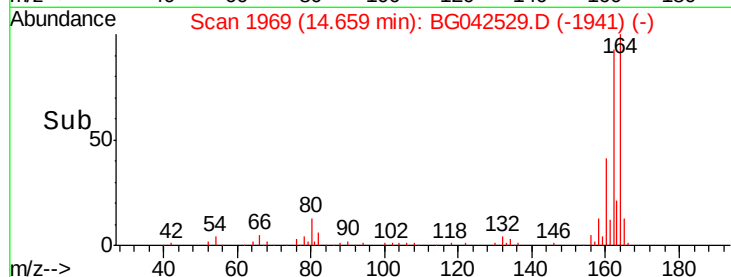
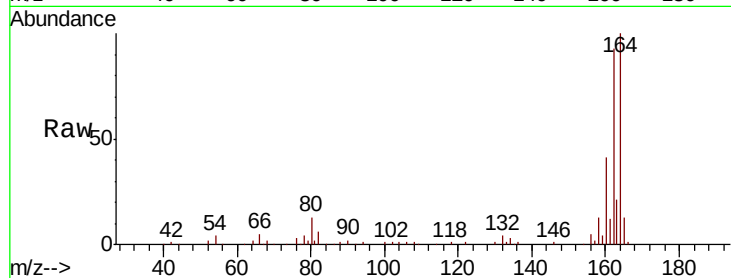




#57
 2,4-Dinitrotoluene
 Concen: 5.255 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042529.D
 Acq: 28 Aug 2019 11:19

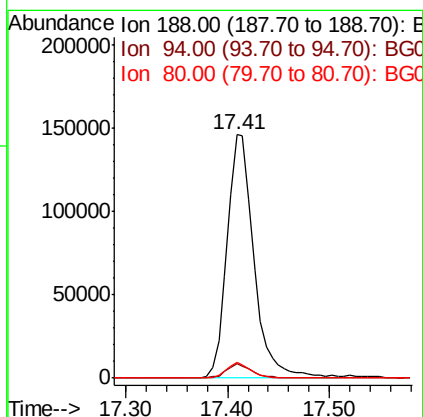
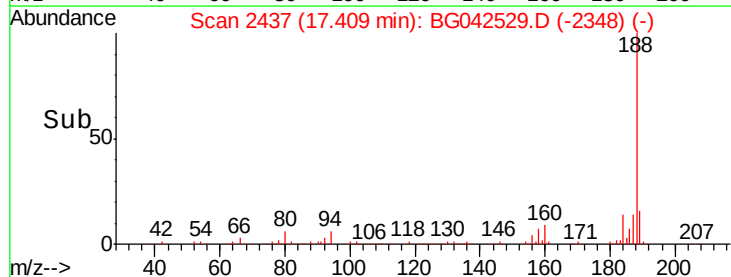
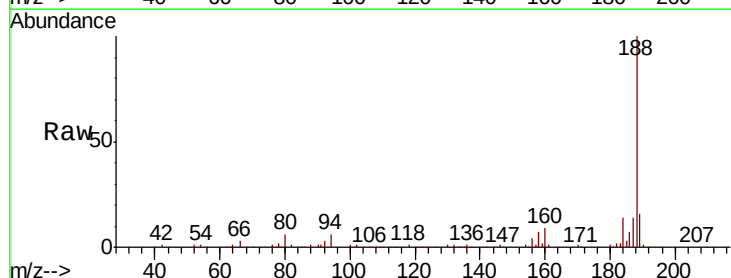
Instrument :
 BNA_F
 ClientSampleId :

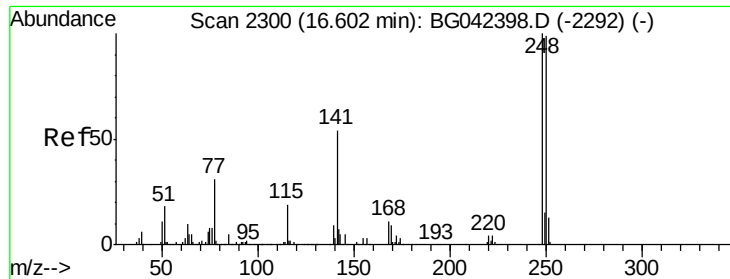
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042529.D
 Acq: 28 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.5	6.7
80	6.4	4.9	7.3

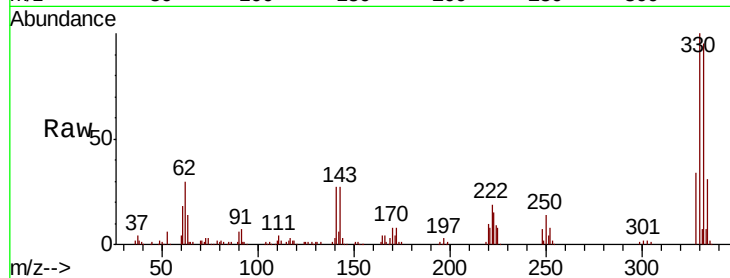




#67
 4-Bromophenyl-phenylether
 Concen: 3.689 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042529.D
 Acq: 28 Aug 2019 11:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	202.6	78.9	118.3#
141	387.1	43.3	64.9#

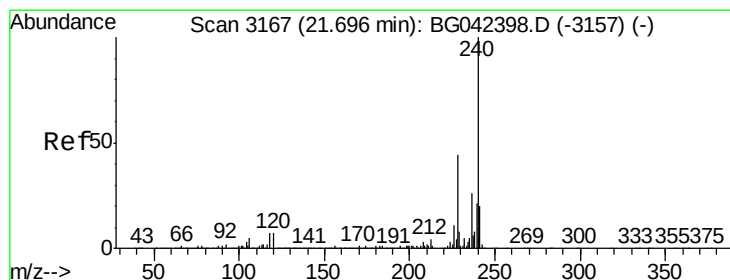
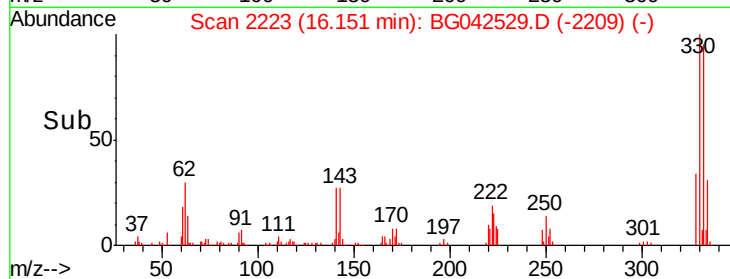
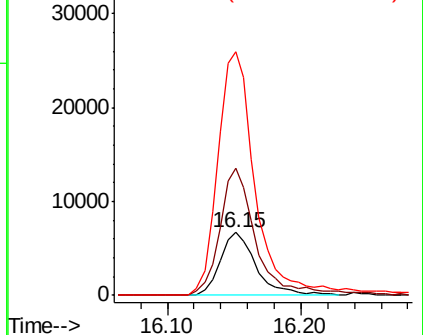


Abundance

Ion 248.00 (247.70 to 248.70): E

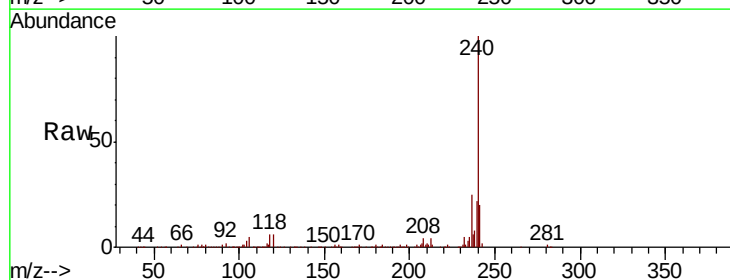
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042529.D
 Acq: 28 Aug 2019 11:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.7	8.5
236	24.7	21.0	31.4

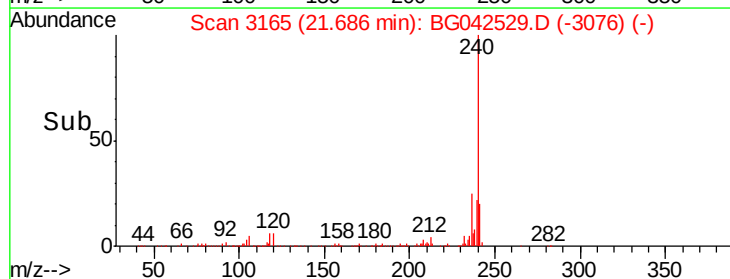
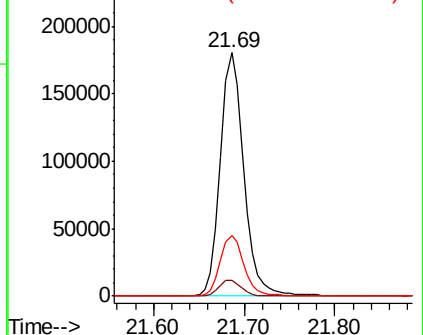


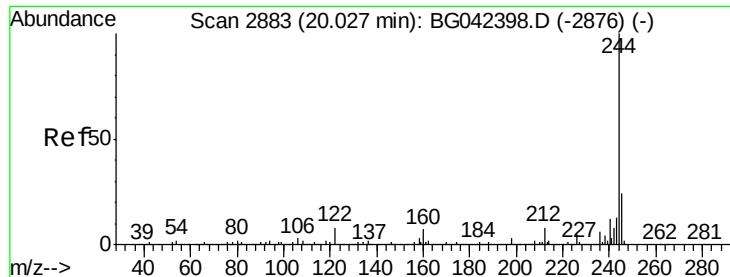
Abundance

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: 85.257 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

Instrument :

BNA_F

ClientSampleId :

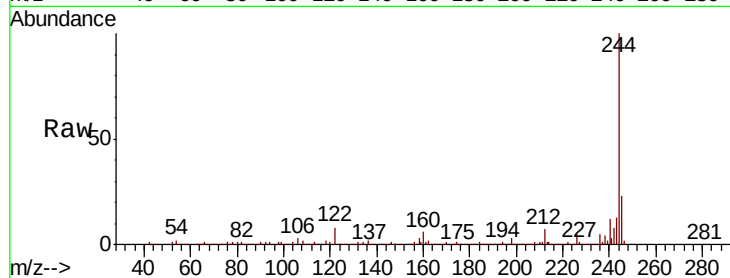
Tot Ion:244 Resp: 1283202

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

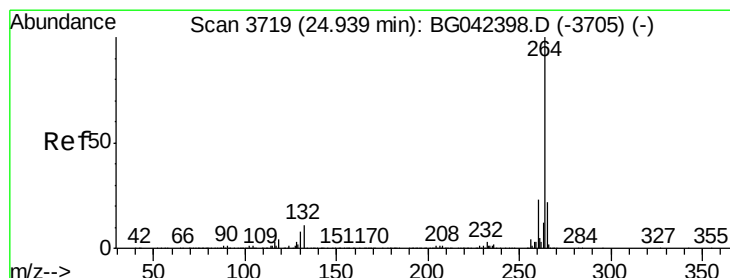
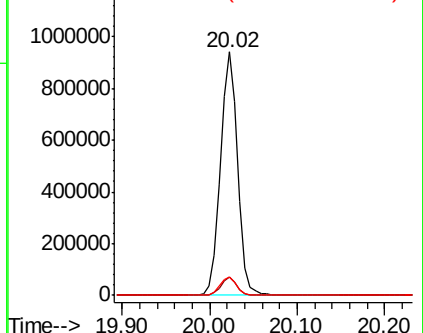
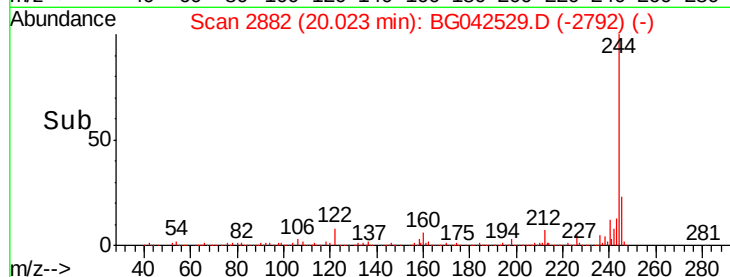
122 7.6 6.7 10.1



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042529.D

Acq: 28 Aug 2019 11:19

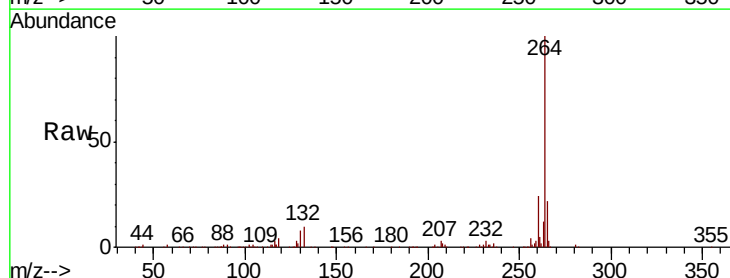
Tgt Ion:264 Resp: 370438

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 22.1 17.6 26.4



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

