Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042687.D
Acq On : 3 Sep 2019 14:01
Operator : HP/JU
Sample : PB122741BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 04 04:04:46 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	31398	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	120026	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	94655	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	221408	20.00	ng	0.00
76) Chrysene-d12	21.68	240	243265	20.00	ng	-0.01
87) Perylene-d12	24.93	264	285119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	210637	135.87	ng	0.00
7) Phenol-d6	7.17	99	275184	131.41	ng	0.00
23) Nitrobenzene-d5	9.16	82	160417	92.36	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	182064	135.33	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	577002	103.10	ng	0.00
79) Terphenyl-d14	20.02	244	1105720	98.27	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	20597	15.182	ng	# 74
51) 2,6-Dinitrotoluene	14.66	165	12150	7.675	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	12150	5.360	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	12361	4.401	ng	# 1

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

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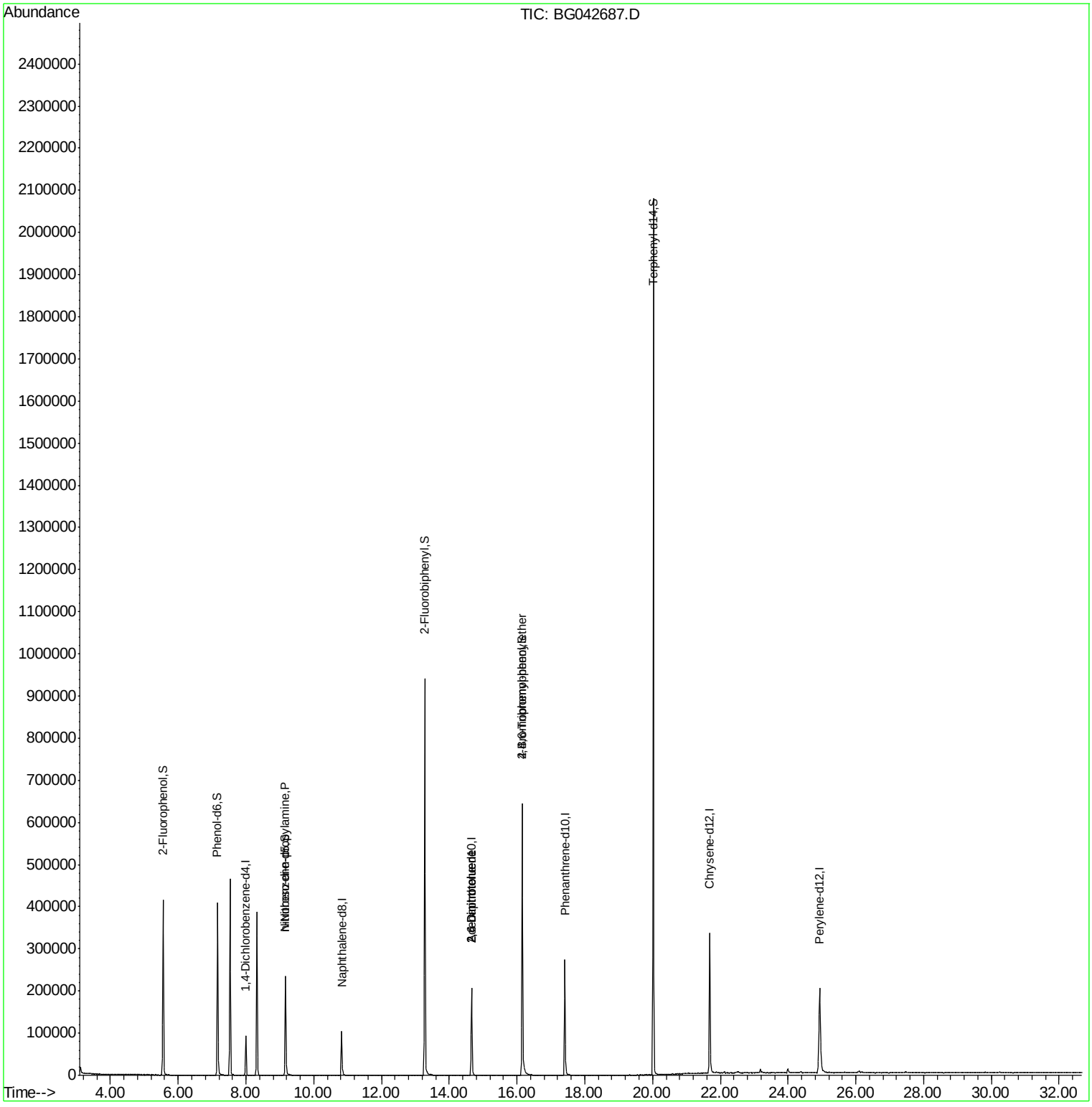
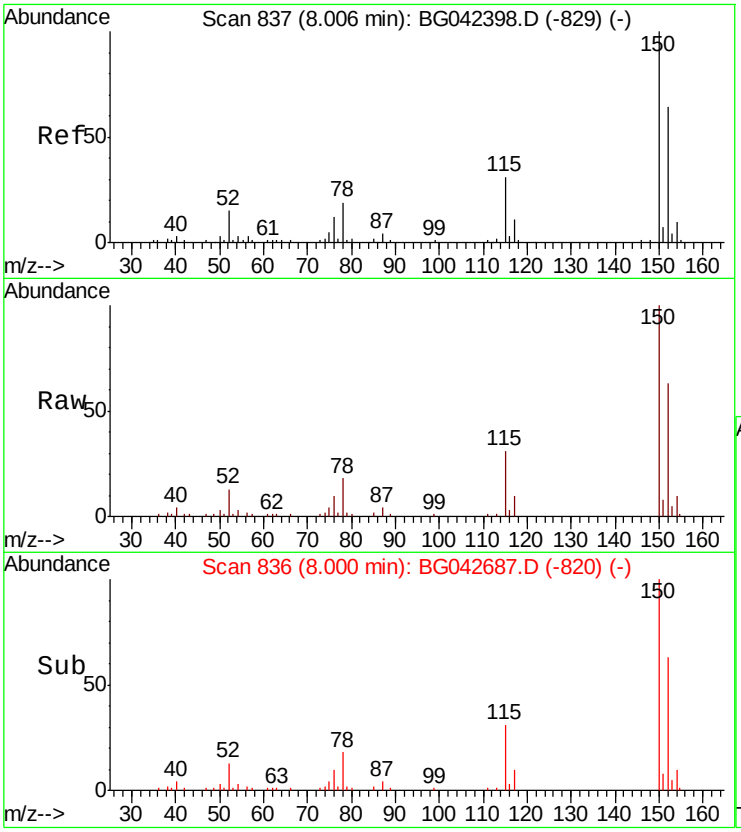


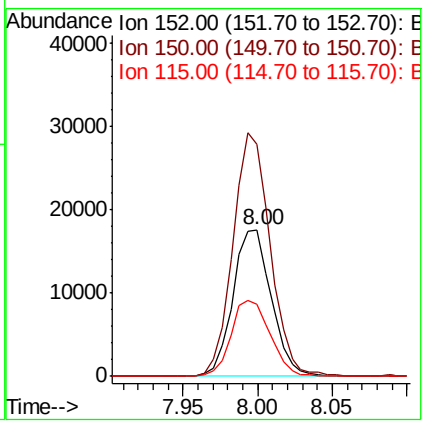


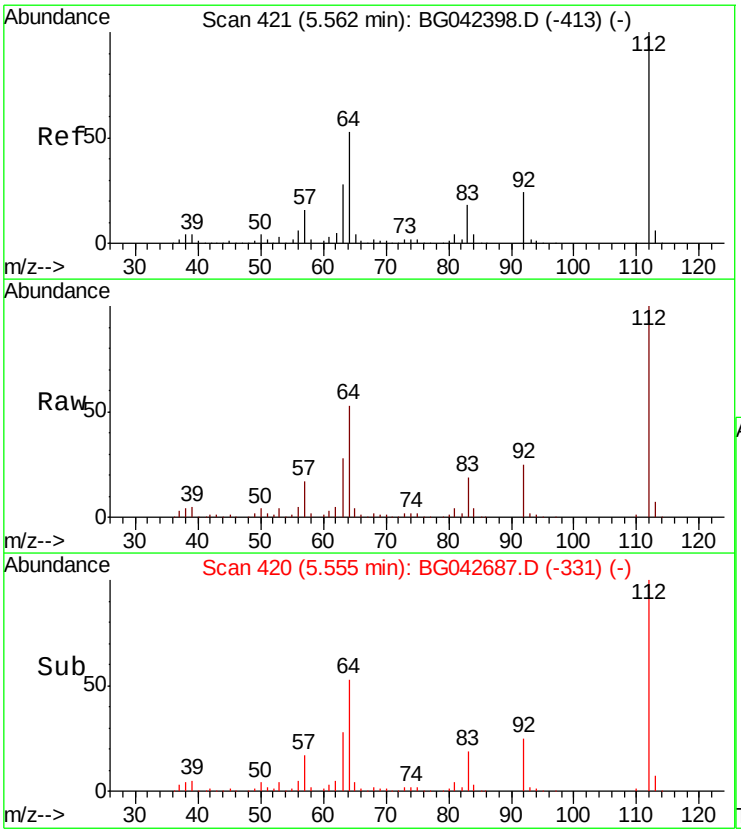
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 31398

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.4	188.0
115	49.5	38.5	57.7

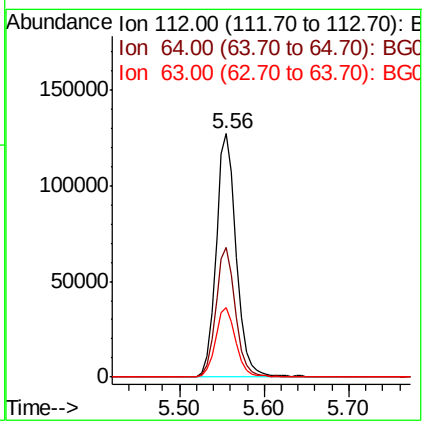


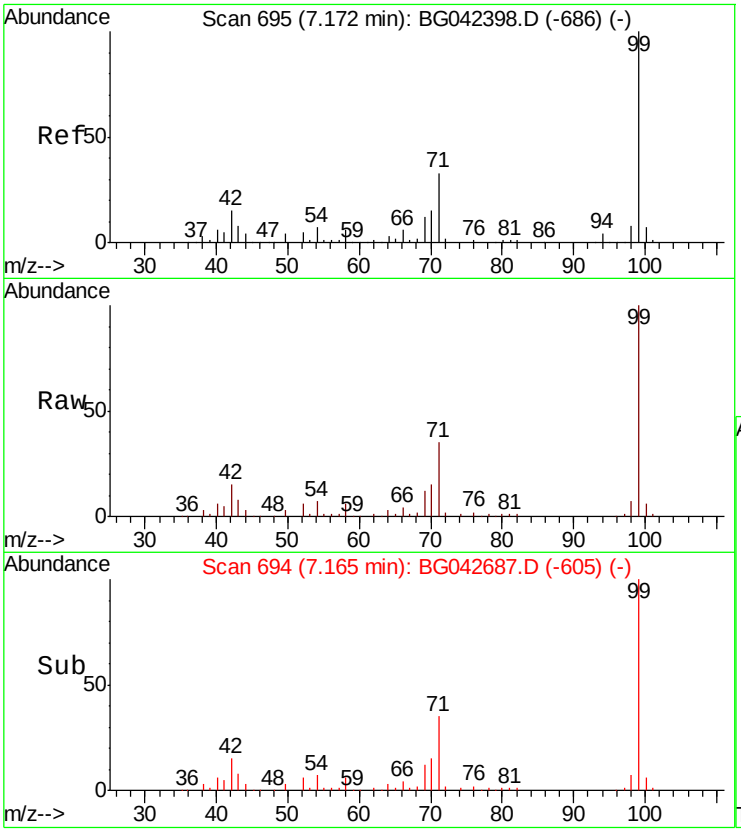


#5
2-Fluorophenol
Concen: 135.869 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Tgt Ion:112 Resp: 210637

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.8	64.2
63	28.3	22.7	34.1



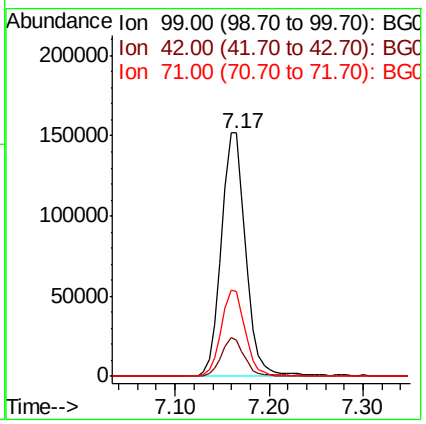


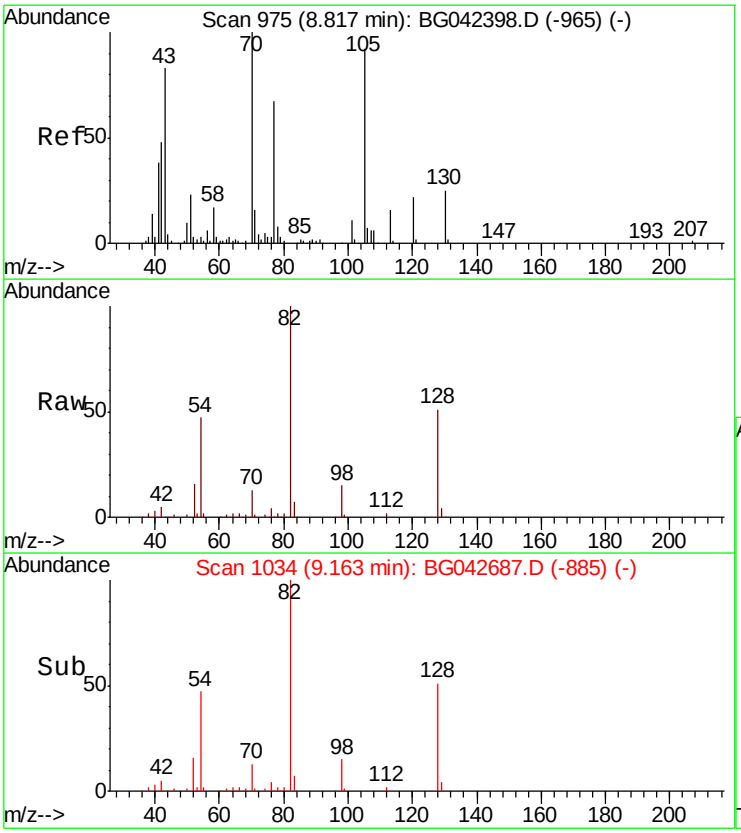
#7
Phenol-d6
Concen: 131.409 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 275184

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.0	18.0
71	34.8	26.3	39.5

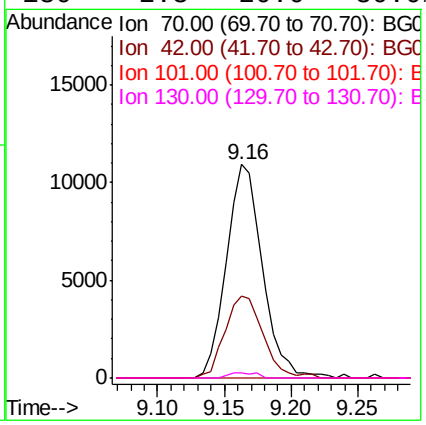


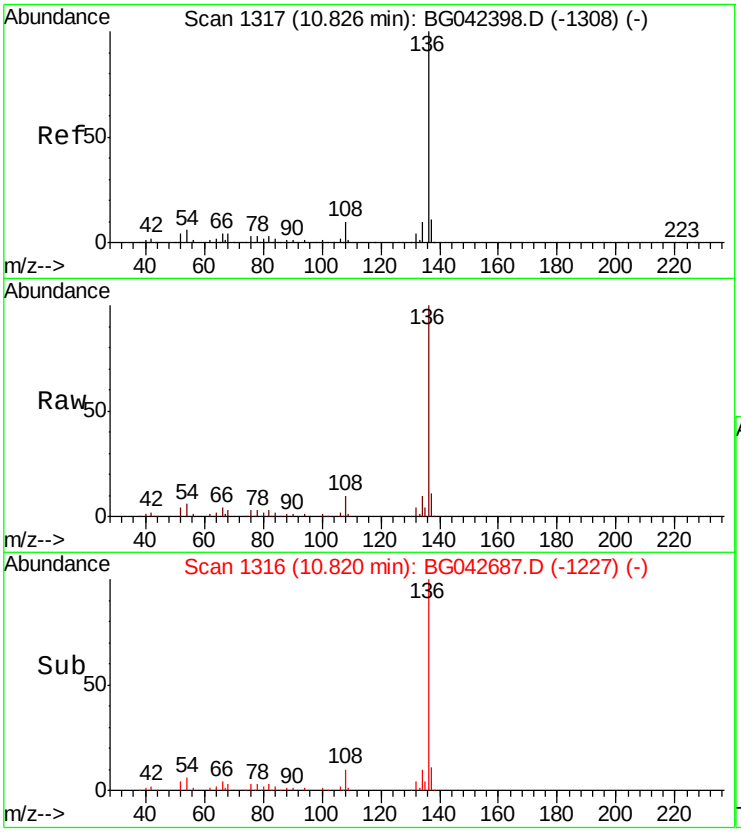


#19
n-Nitroso-di-n-propylamine
Concen: 15.182 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Tgt Ion: 70 Resp: 20597

Ion	Ratio	Lower	Upper
70	100		
42	38.3	38.8	58.2#
101	0.0	9.0	13.6#
130	2.3	20.0	30.0#



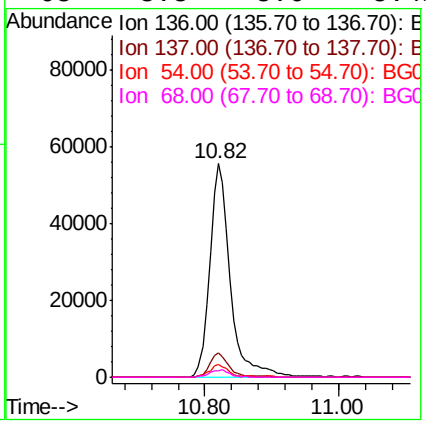


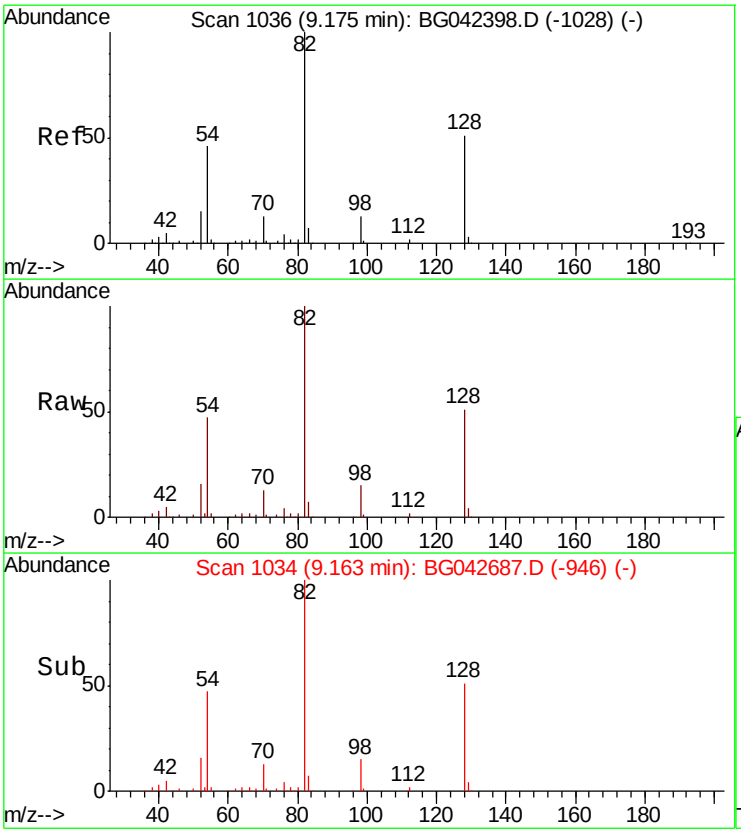
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 120026

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.3	4.9	7.3
68	3.3	3.6	5.4#

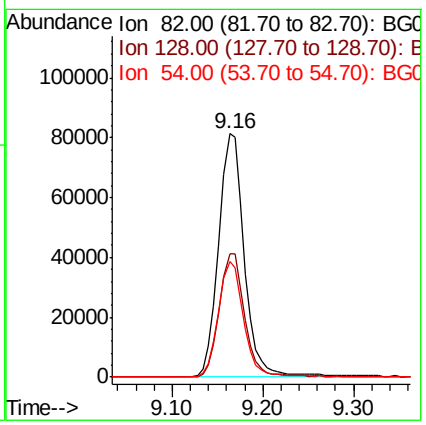


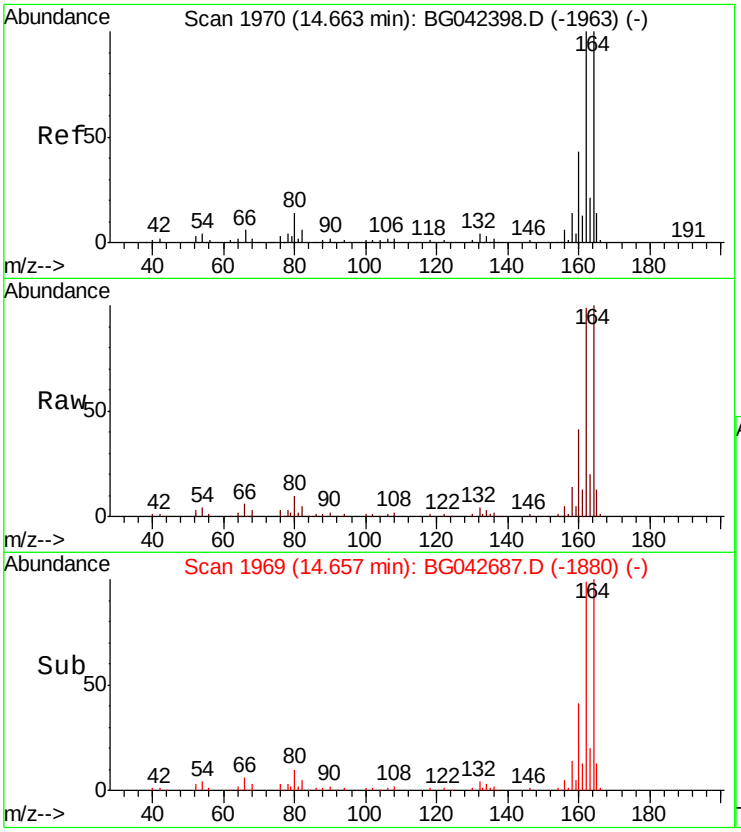


#23
Nitrobenzene-d5
Concen: 92.359 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Tgt Ion: 82 Resp: 160417

Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.7	61.1
54	47.4	36.3	54.5



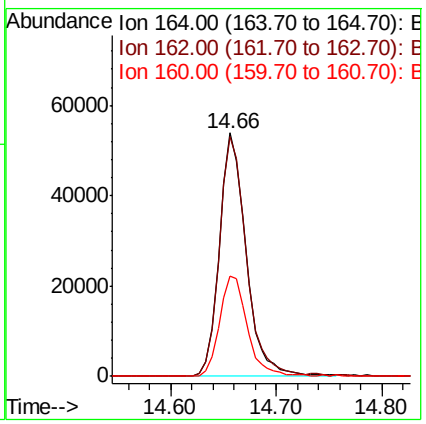


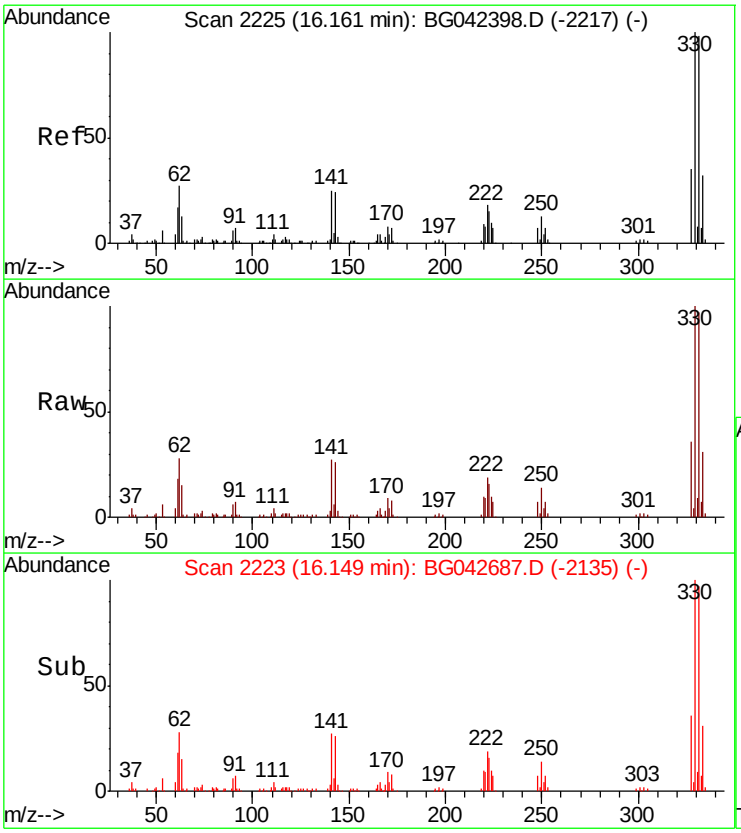
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 94655

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.9	119.9
160	41.2	34.3	51.5

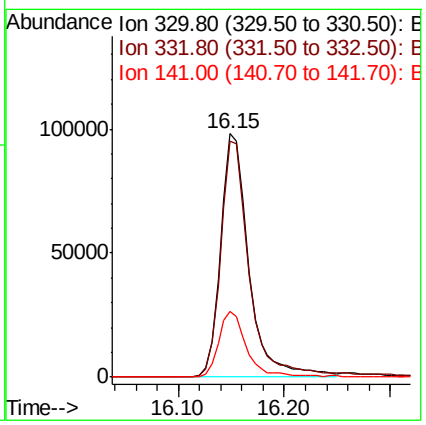


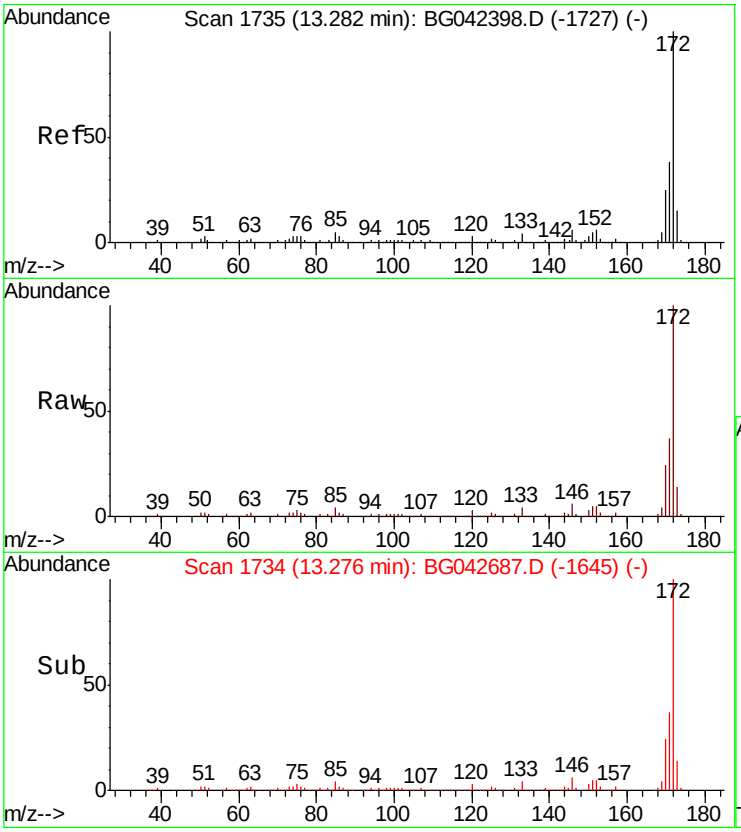


#42
2,4,6-Tribromophenol
Concen: 135.327 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Tgt Ion:330 Resp: 182064

Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.4	116.0
141	26.8	21.4	32.0



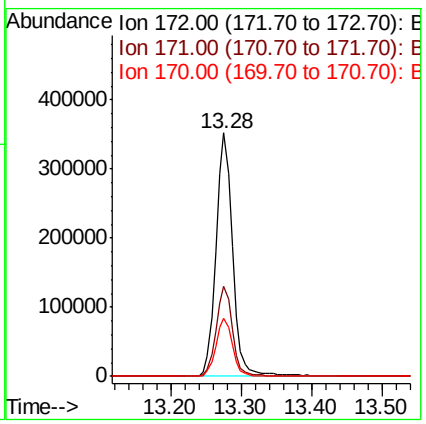


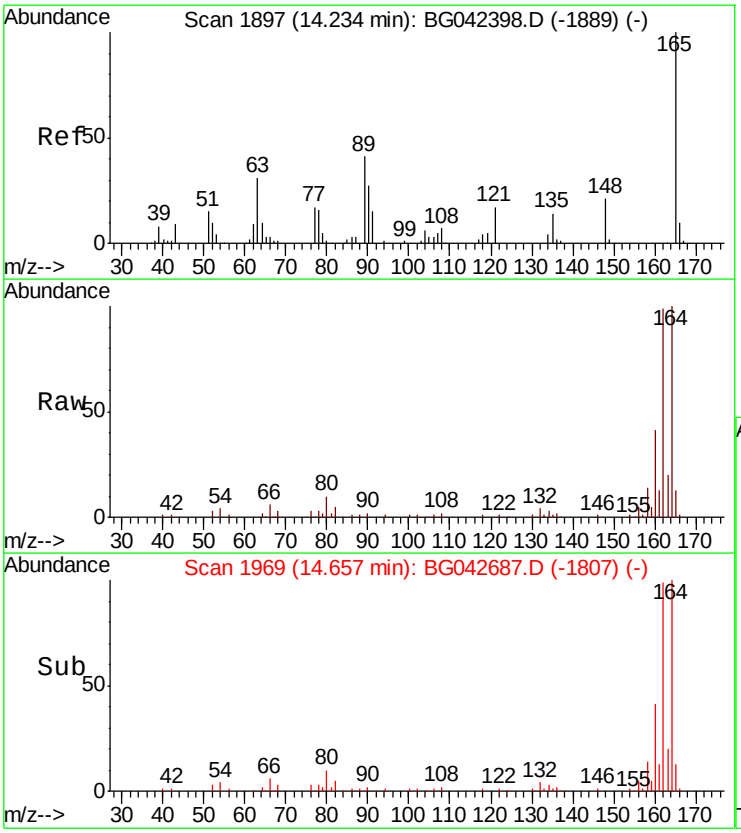
#45
2-Fluorobiphenyl
Concen: 103.098 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 577002

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	23.7	20.2	30.2

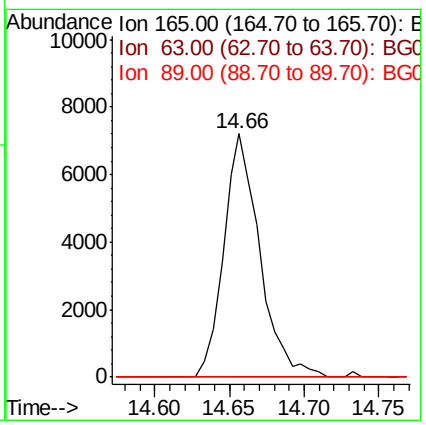


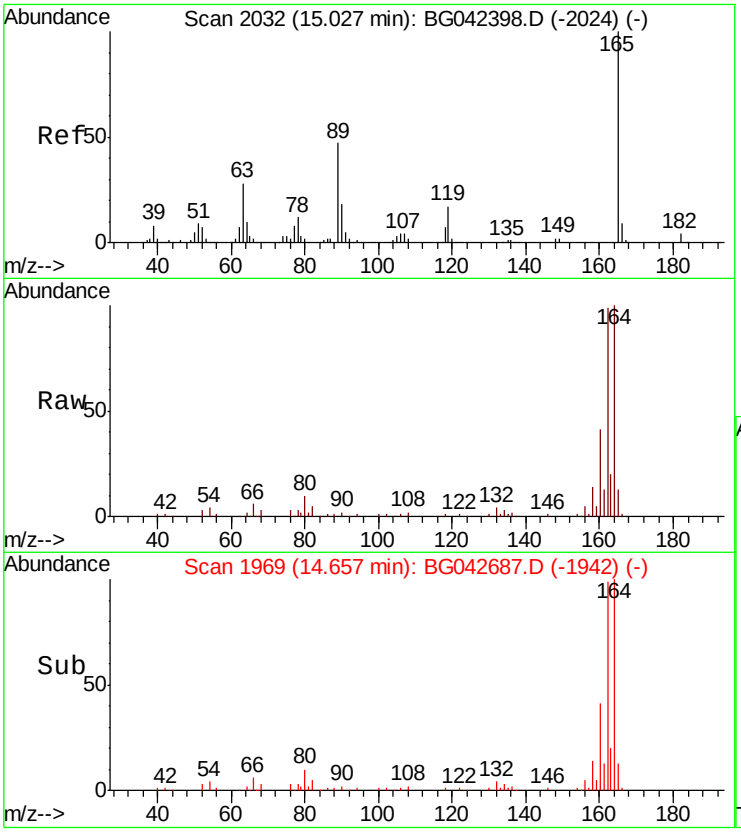


#51
2,6-Dinitrotoluene
Concen: 7.675 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.42 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Tgt Ion:165 Resp: 12150

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



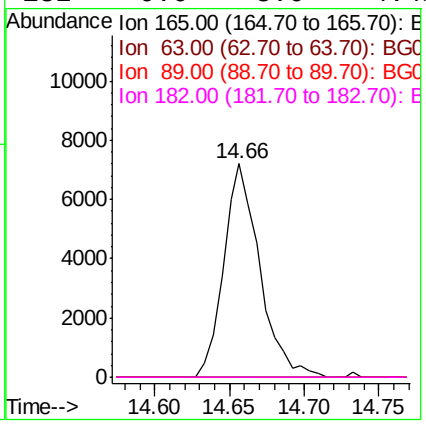


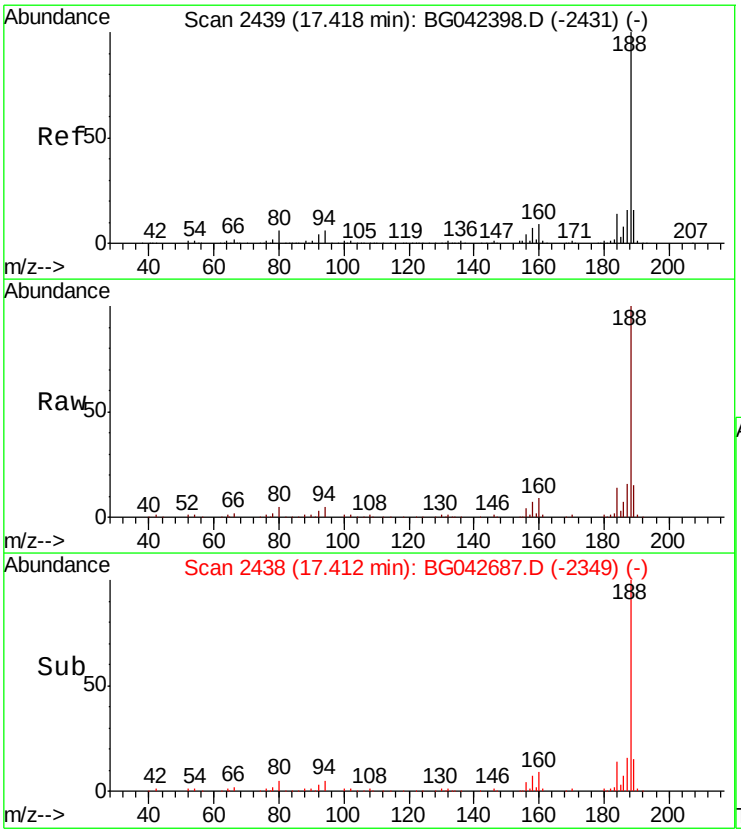
#57
2,4-Dinitrotoluene
Concen: 5.360 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12150

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#

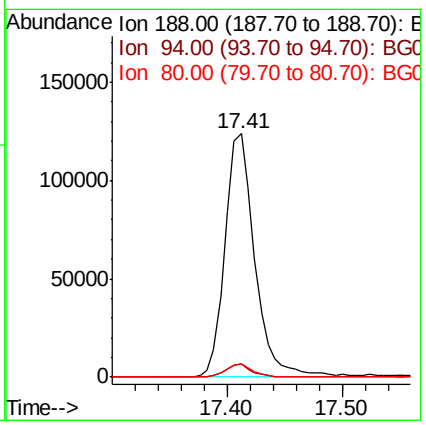


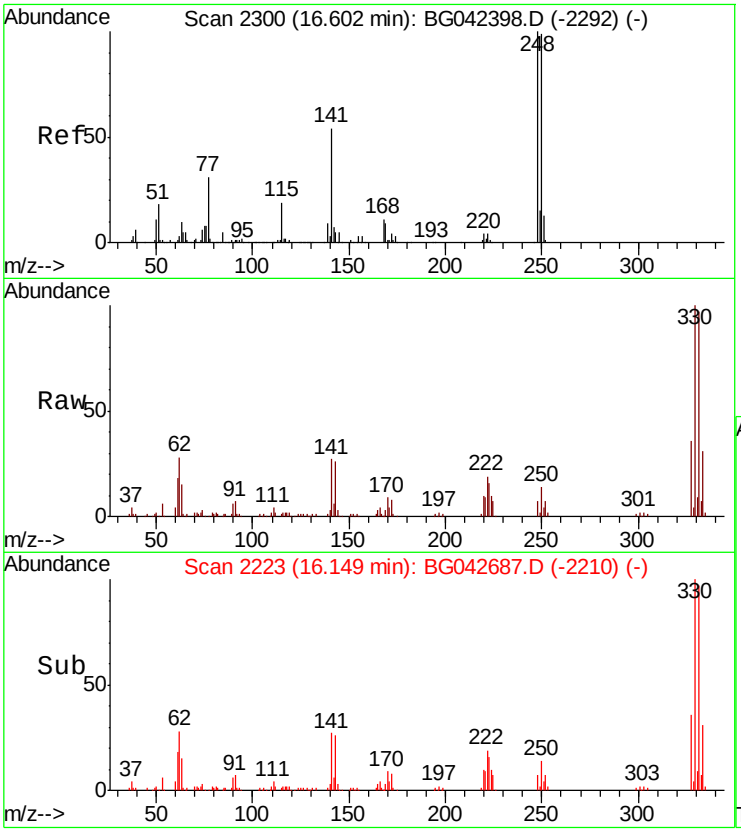


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Tgt Ion:188 Resp: 221408

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.5	6.7
80	5.3	4.9	7.3



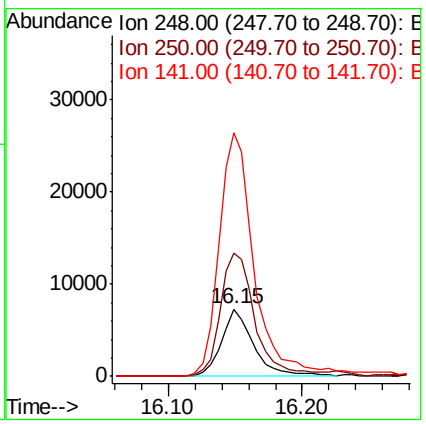


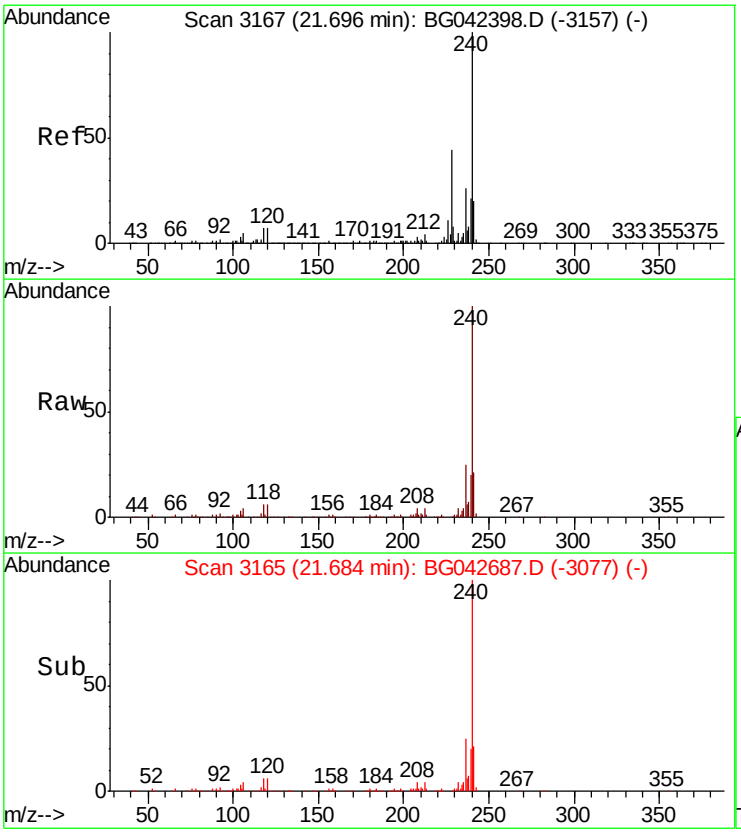
#67
4-Bromophenyl-phenylether
Concen: 4.401 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 12361

Ion	Ratio	Lower	Upper
248	100		
250	182.6	78.9	118.3#
141	360.1	43.3	64.9#

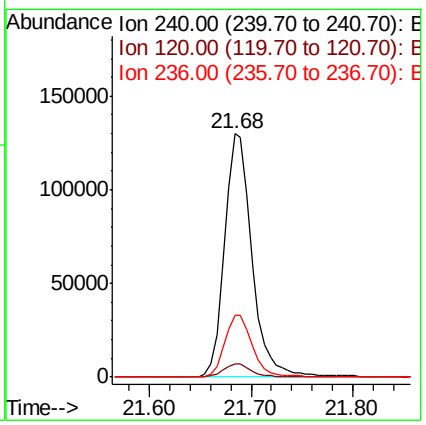


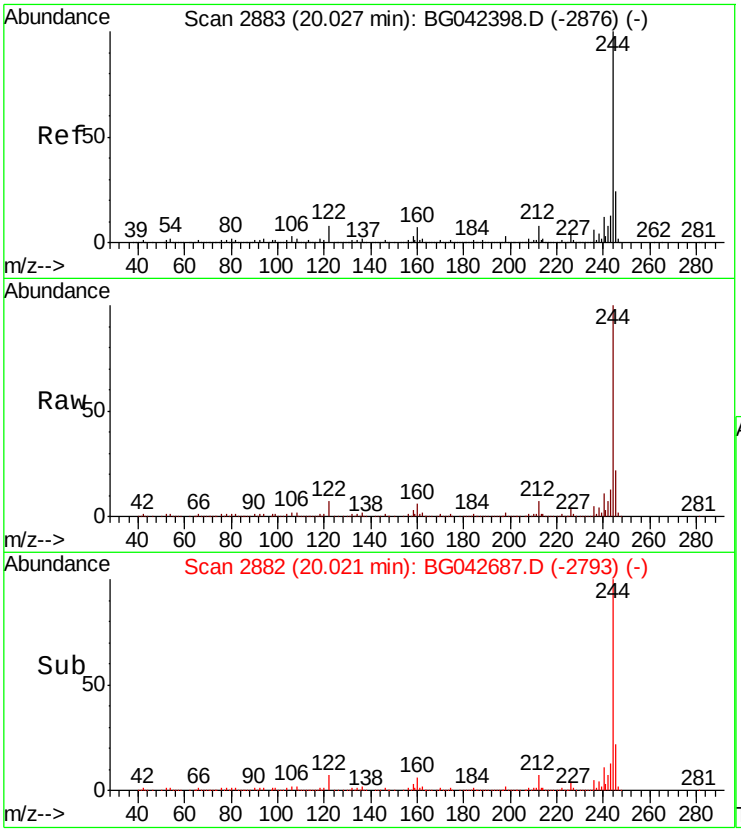


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Tgt Ion:240 Resp: 243265

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	25.2	21.0	31.4



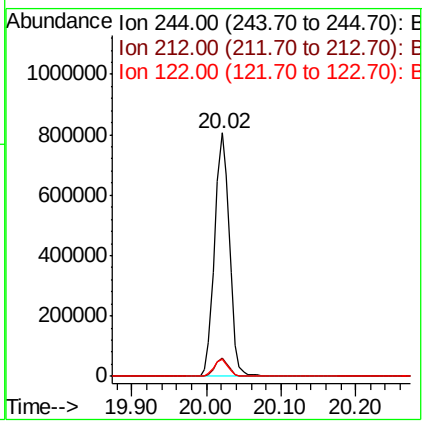


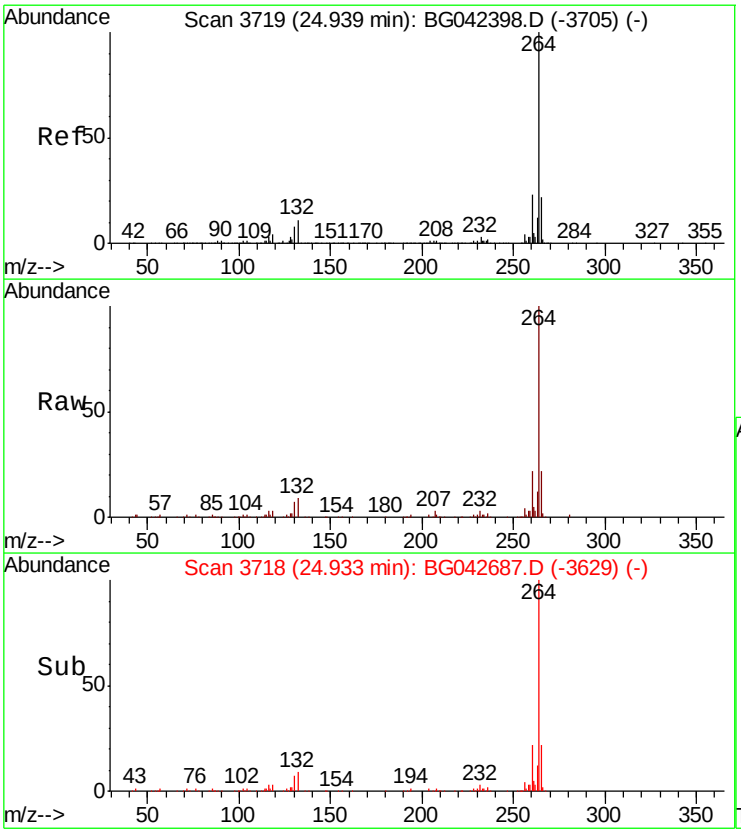
#79
Terphenyl-d14
Concen: 98.266 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1105720

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	6.9	6.7	10.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042687.D
Acq: 3 Sep 2019 14:01

Tgt Ion:264 Resp: 285119

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	22.4	17.6	26.4