Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
Data File : BG042293.D
Acq On : 17 Aug 2019 16:44
Operator : HP/JU
Sample : K4371-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-222

Quant Time: Aug 19 05:58:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	61474	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	226149	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	164921	20.00	ng	-0.04
64) Phenanthrene-d10	17.42	188	399871	20.00	ng	-0.04
76) Chrysene-d12	21.69	240	480379	20.00	ng	-0.04
87) Perylene-d12	24.94	264	546756	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	402795	127.48	ng	-0.03
7) Phenol-d6	7.17	99	482681	113.31	ng	-0.02
23) Nitrobenzene-d5	9.17	82	343032	104.38	ng	-0.04
42) 2,4,6-Tribromophenol	16.16	330	337583	180.21	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	1038680	111.08	ng	-0.04
79) Terphenyl-d14	20.03	244	1977804	94.21	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.14	88	19320	12.991	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	43207	13.971	ng	# 64
51) 2,6-Dinitrotoluene	14.67	165	21776	9.246	ng	# 27
57) 2,4-Dinitrotoluene	14.67	165	21774	6.723	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.15	198	804	7.204	ng	# 36
67) 4-Bromophenyl-phenylether	16.16	248	23424	4.756	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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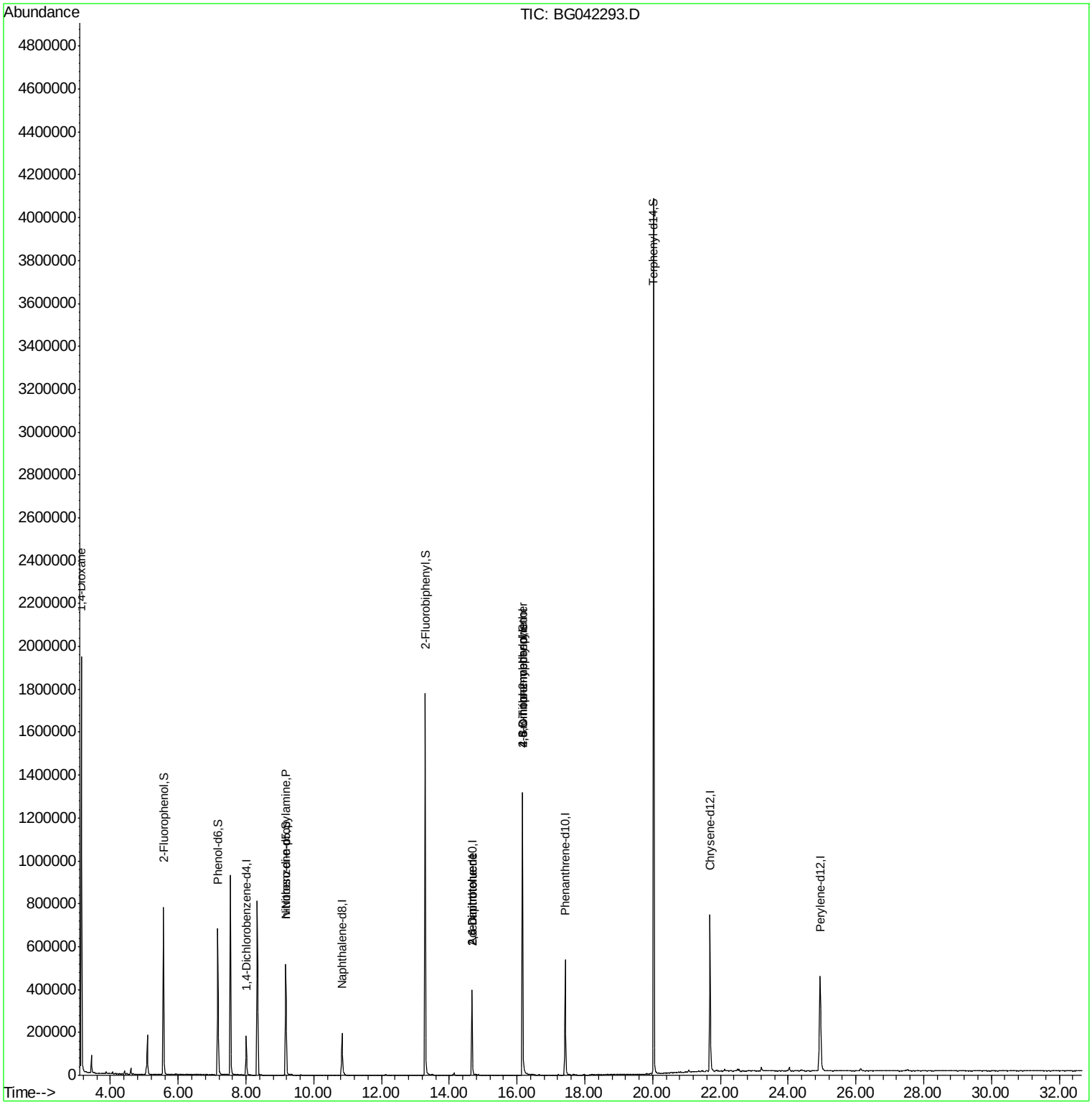
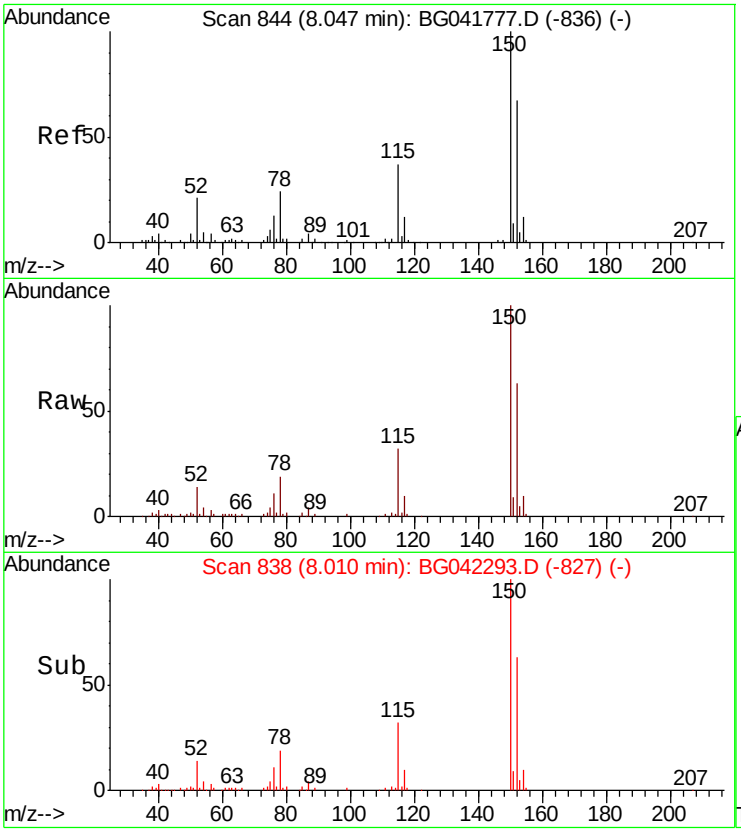


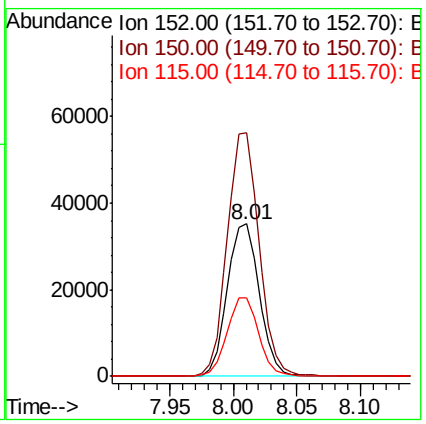


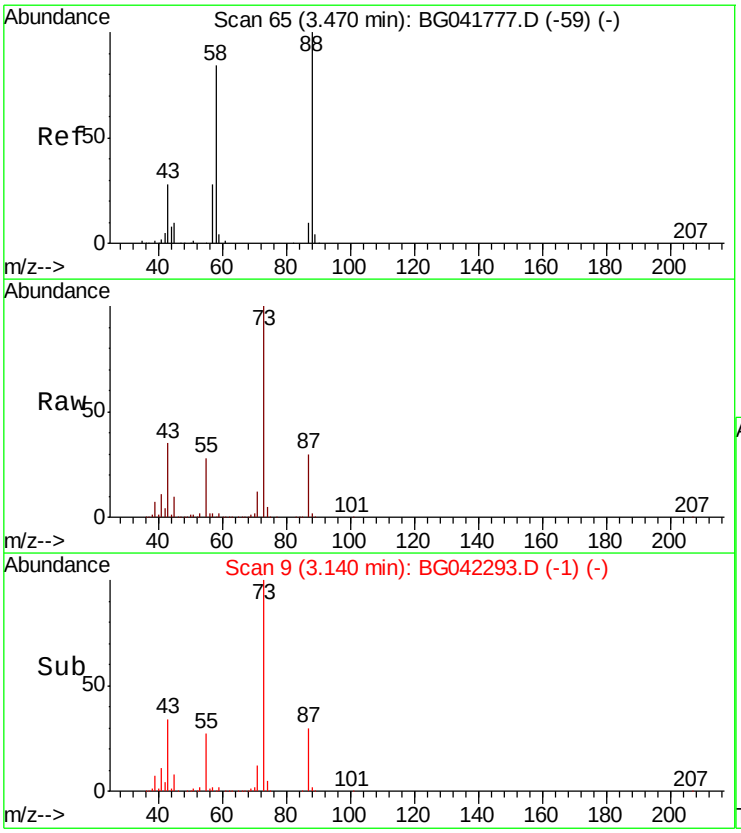
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.04 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tgt Ion:152 Resp: 61474

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.9	190.3
115	51.5	45.0	67.6

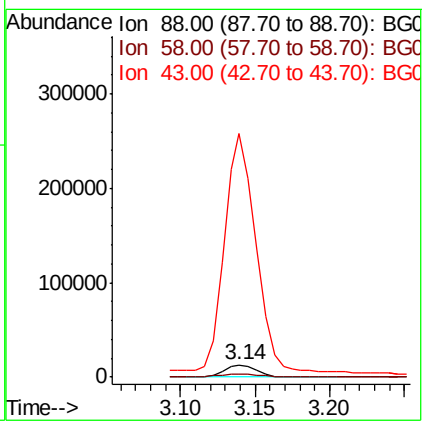


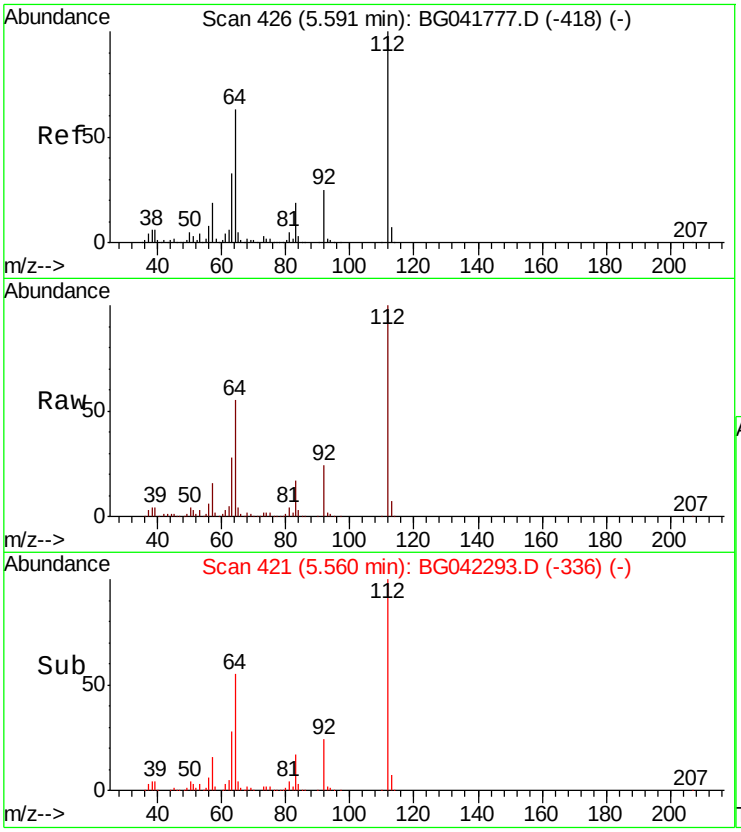


#2
1,4-Dioxane
Concen: 12.991 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.33 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Tgt Ion: 88 Resp: 19320

Ion	Ratio	Lower	Upper
88	100		
58	25.6	76.2	114.2#
43	1979.6	27.2	40.8#



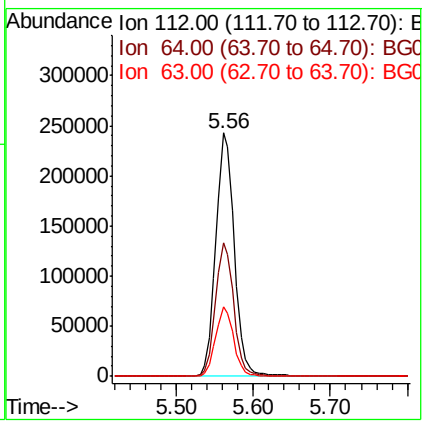


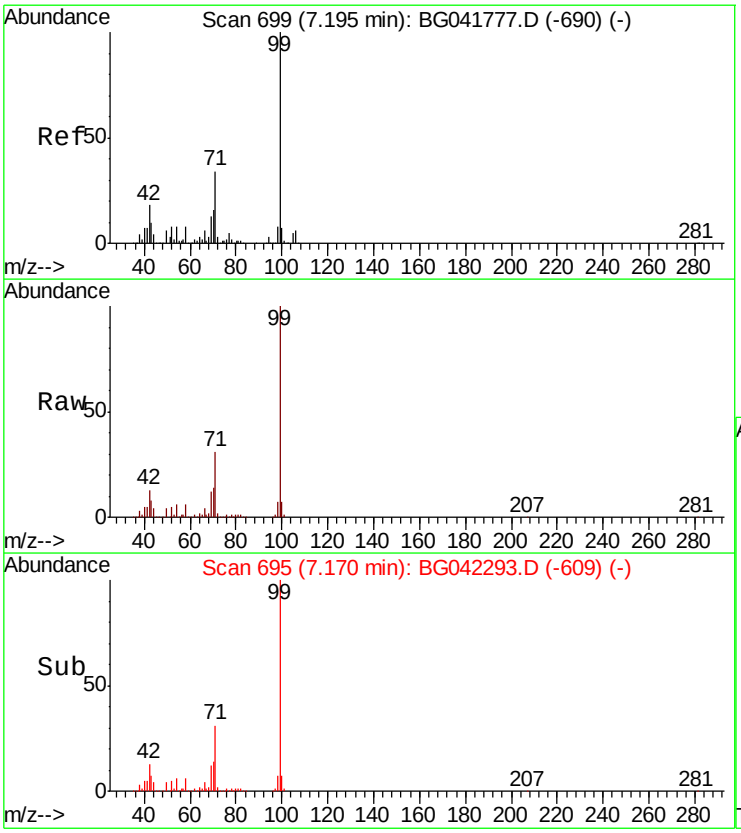
#5
2-Fluorophenol
Concen: 127.483 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tgt Ion:112 Resp: 402795

Ion	Ratio	Lower	Upper
112	100		
64	55.0	55.4	83.2#
63	28.4	29.1	43.7#

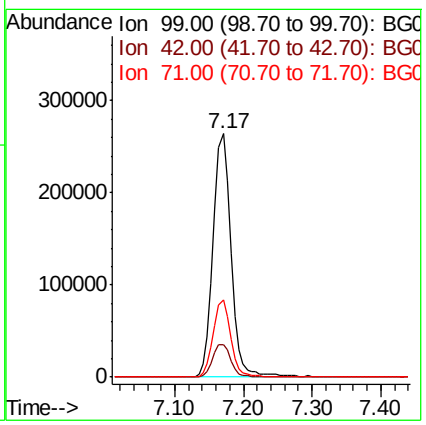


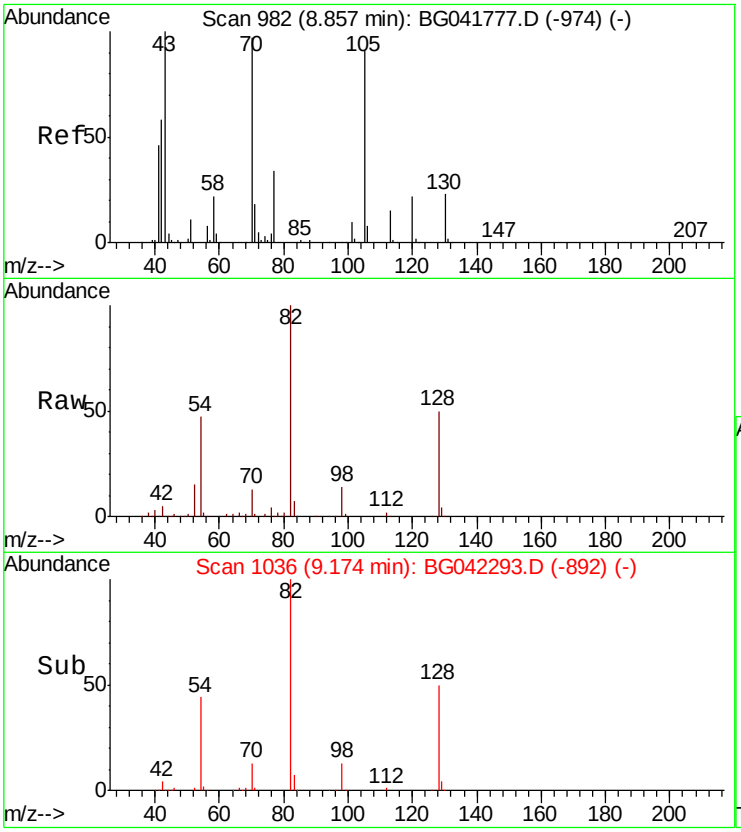


#7
Phenol-d6
Concen: 113.314 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Tgt Ion: 99 Resp: 482681

Ion	Ratio	Lower	Upper
99	100		
42	13.2	17.6	26.4#
71	31.5	27.8	41.6



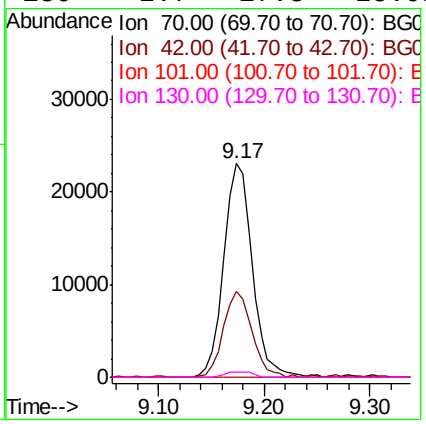


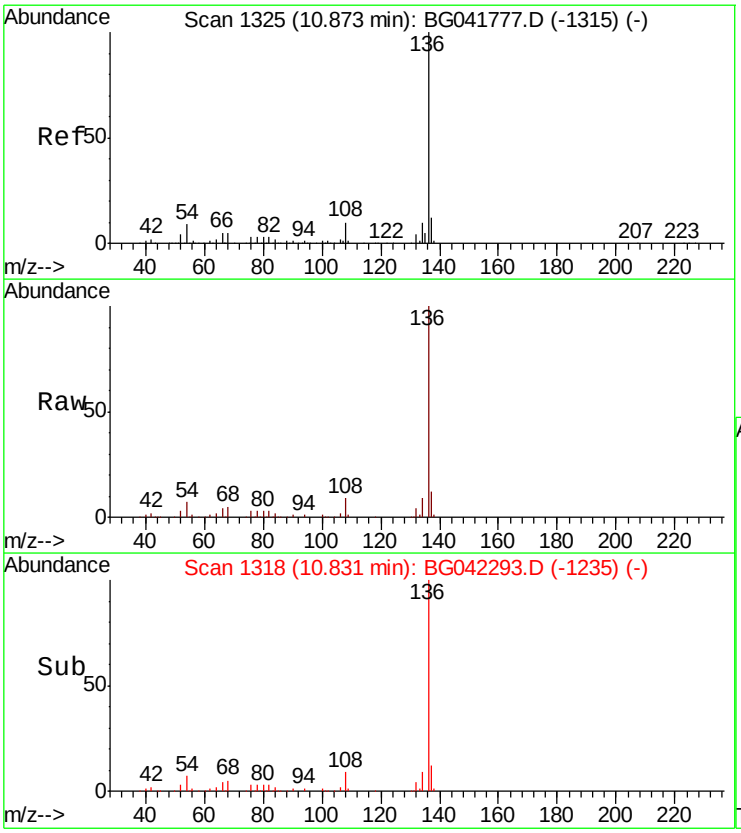
#19
n-Nitroso-di-n-propylamine
Concen: 13.971 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.32 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tgt Ion: 70 Resp: 43207

Ion	Ratio	Lower	Upper
70	100		
42	40.5	55.8	83.6#
101	0.0	8.1	12.1#
130	2.7	17.3	25.9#

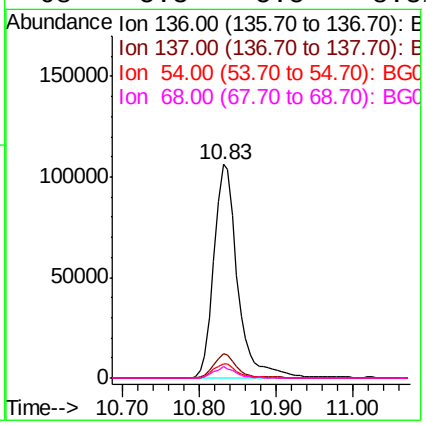


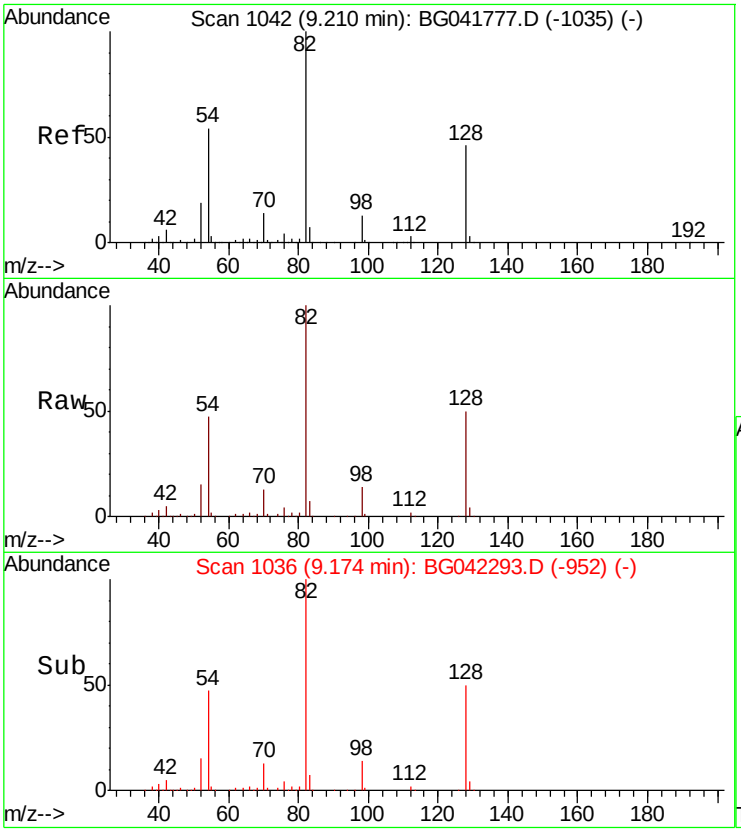


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Tgt Ion:136 Resp: 226149

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.9	8.7	13.1#
68	5.3	5.5	8.3#



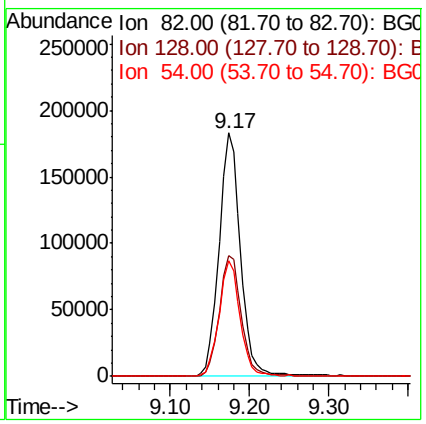


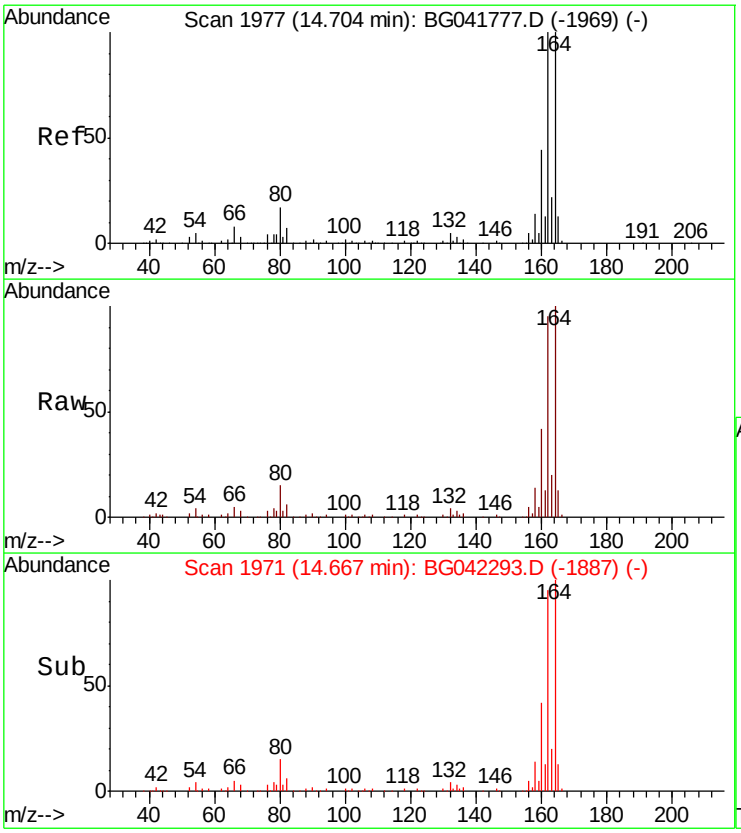
#23
Nitrobenzene-d5
Concen: 104.383 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tgt Ion: 82 Resp: 343032

Ion	Ratio	Lower	Upper
82	100		
128	49.8	35.1	52.7
54	47.5	48.7	73.1#

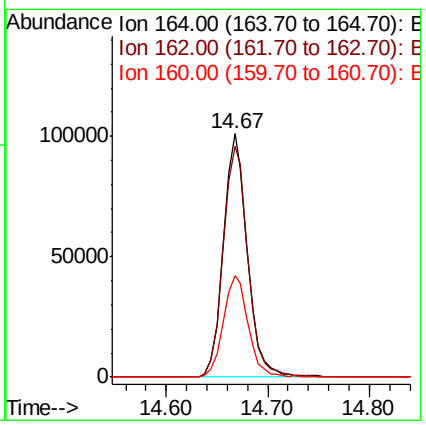


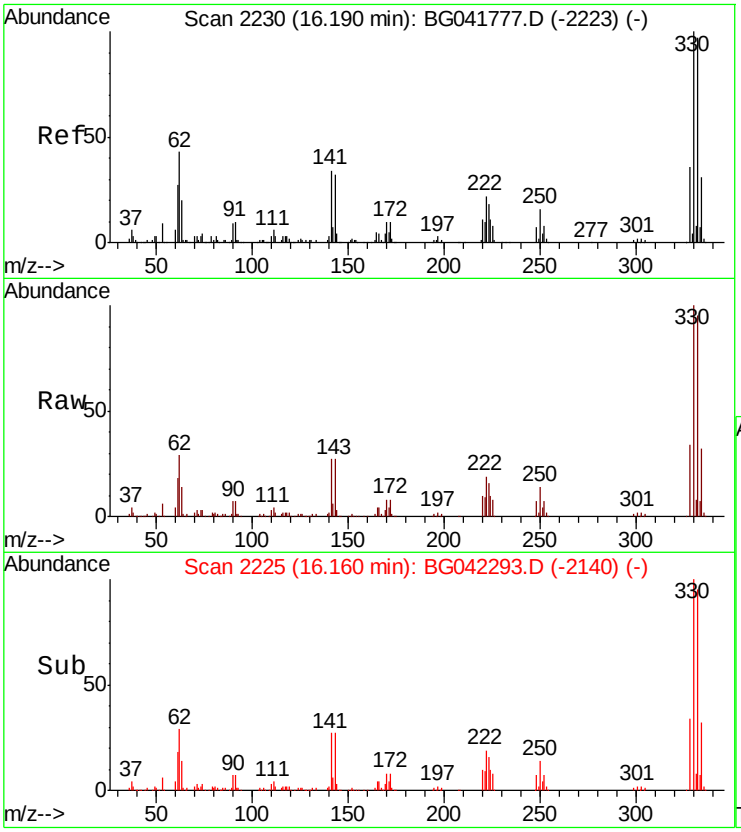


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.04 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Tgt Ion:164 Resp: 164921

Ion	Ratio	Lower	Upper
164	100		
162	94.9	79.6	119.4
160	41.9	35.4	53.0



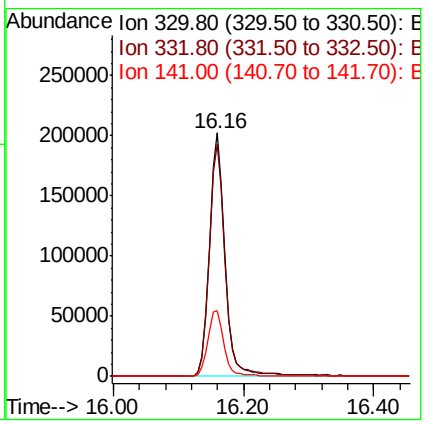


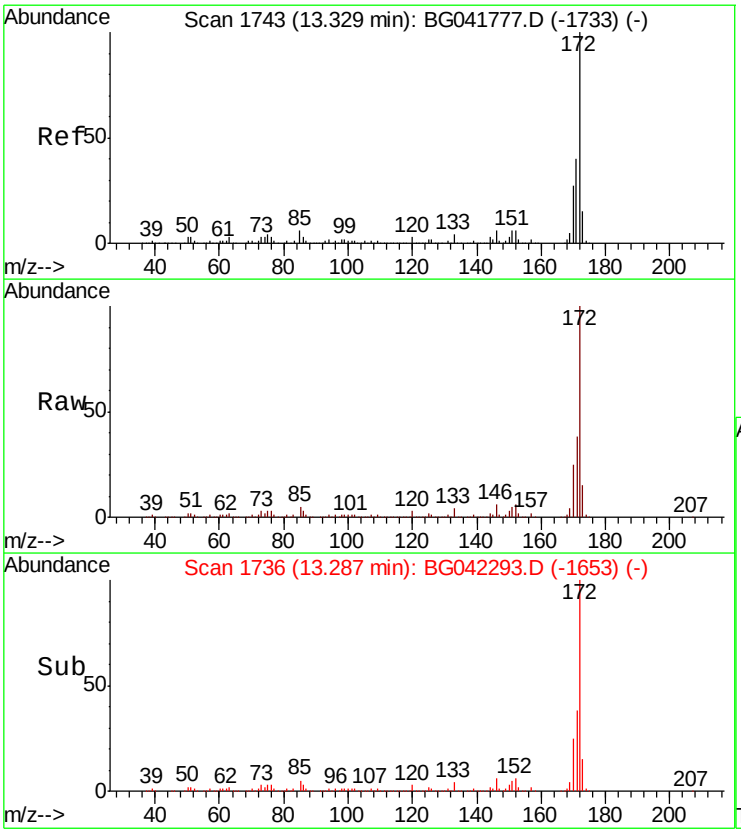
#42
2,4,6-Tribromophenol
Concen: 180.210 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tgt Ion:330 Resp: 337583

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	28.0	31.9	47.9#

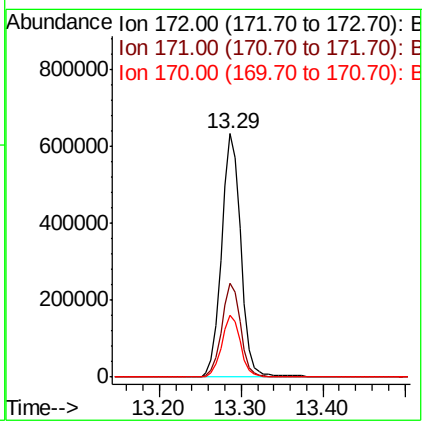


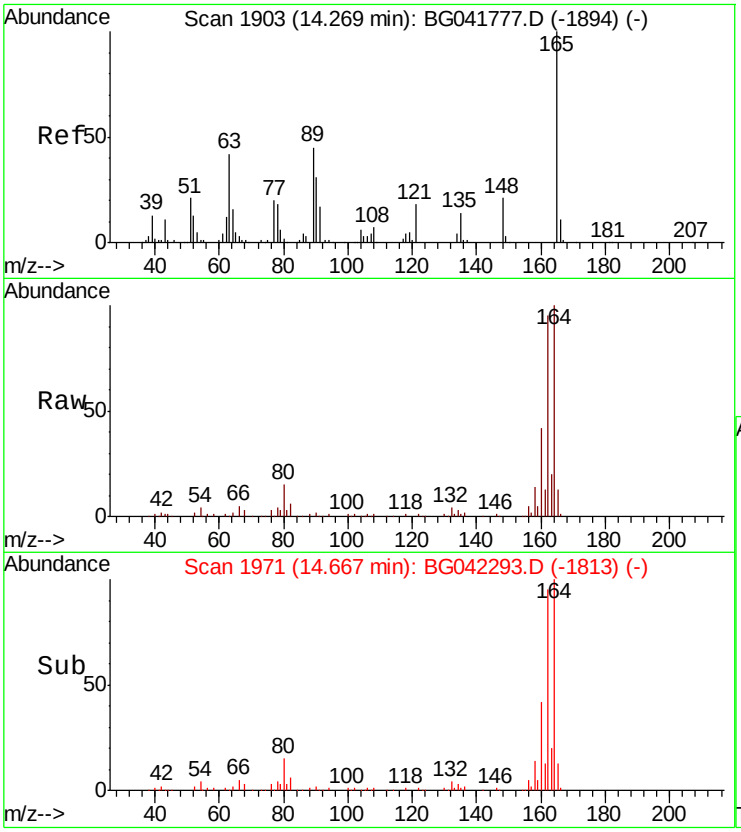


#45
2-Fluorobiphenyl
Concen: 111.080 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.04 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Tgt Ion:172 Resp: 1038680

Ion	Ratio	Lower	Upper
172	100		
171	38.3	35.0	52.4
170	25.2	23.5	35.3



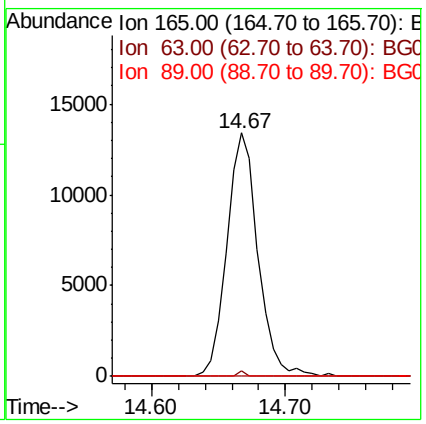


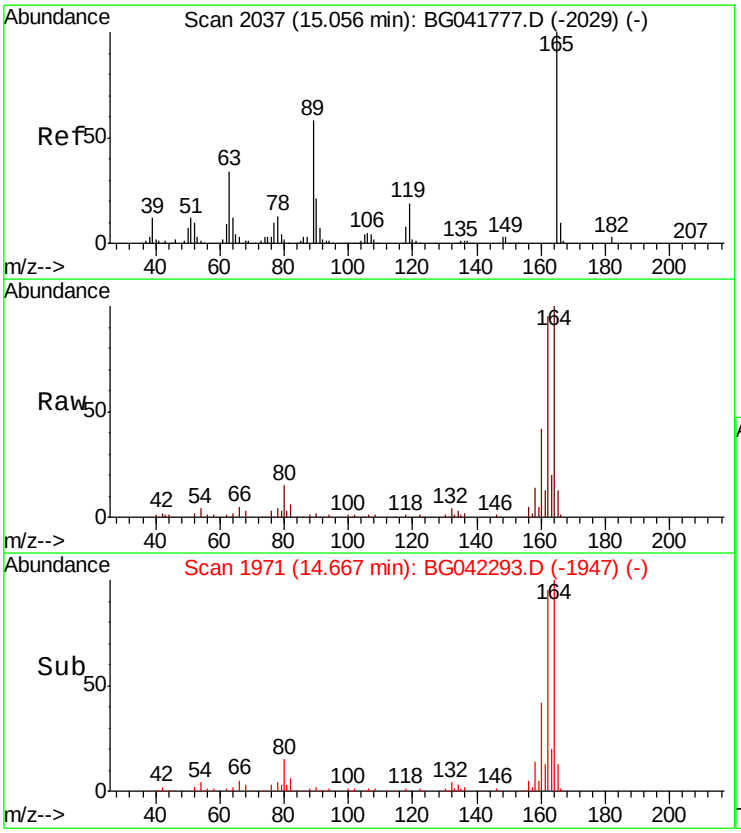
#51
2,6-Dinitrotoluene
Concen: 9.246 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.40 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tgt Ion:165 Resp: 21776

Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.4	63.6#
89	0.0	42.1	63.1#

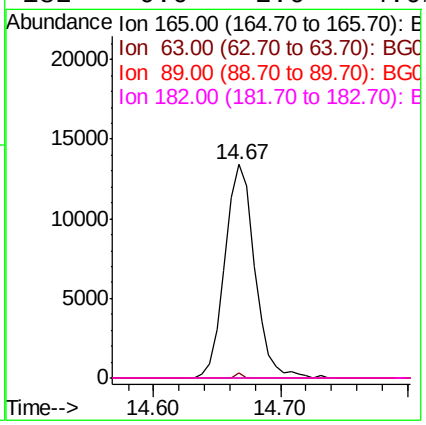


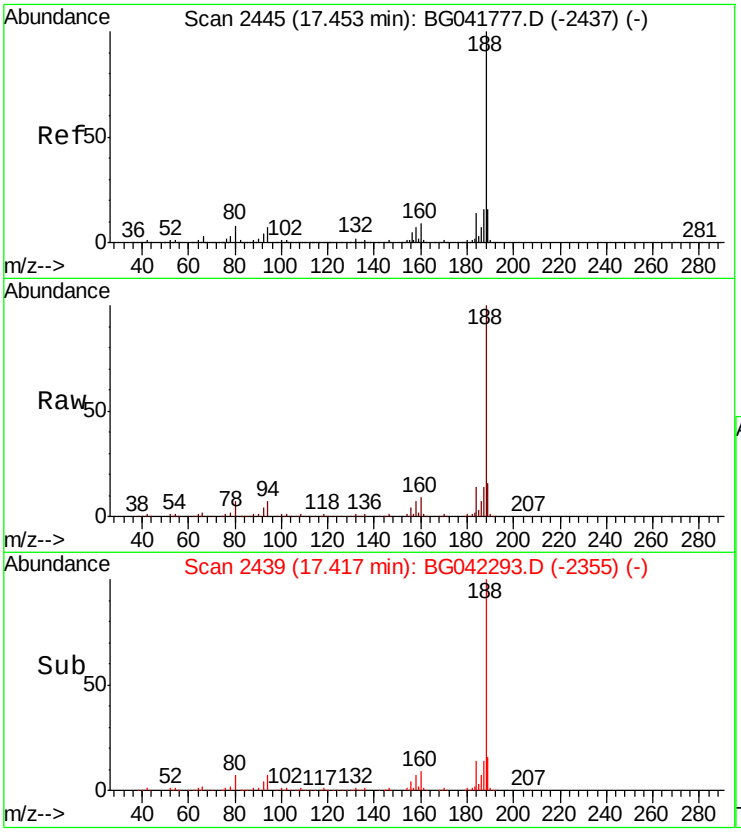


#57
2,4-Dinitrotoluene
Concen: 6.723 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.39 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Tgt Ion:165 Resp: 21774

Ion	Ratio	Lower	Upper
165	100		
63	2.4	31.7	47.5#
89	0.0	50.2	75.4#
182	0.0	2.6	4.0#



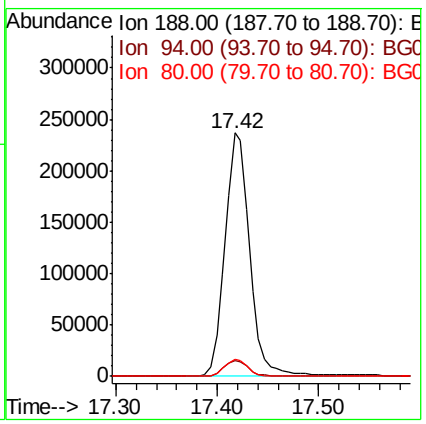


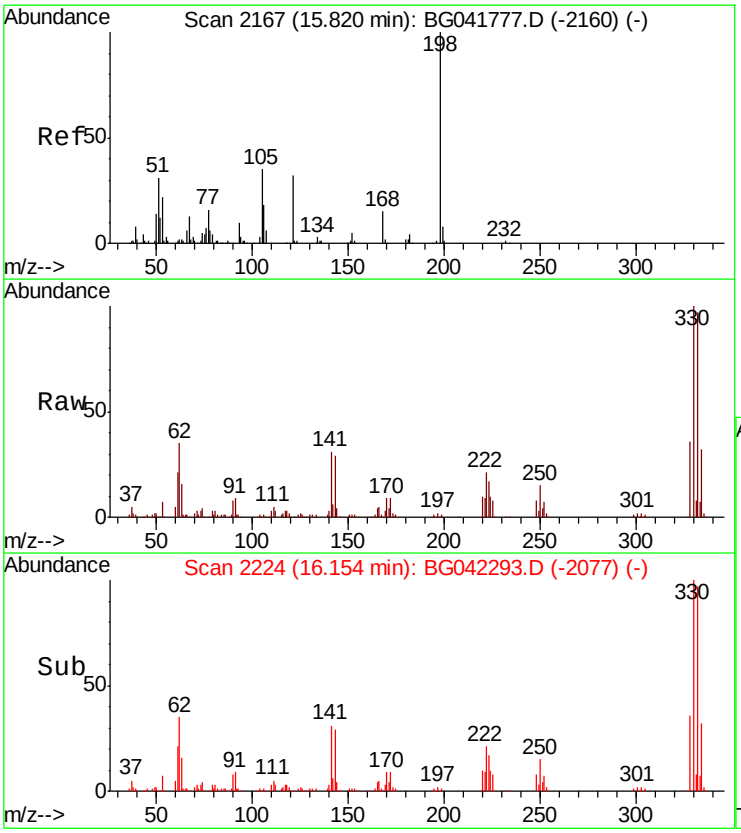
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.04 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tgt Ion:188 Resp: 399871

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.2	8.0	12.0#

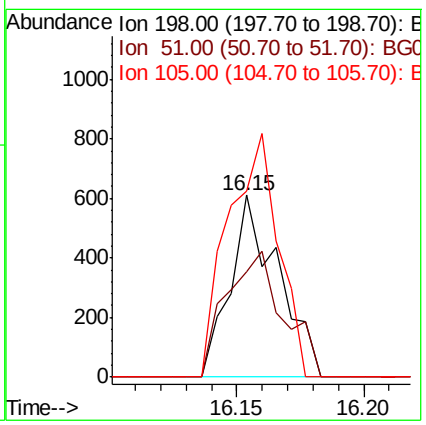


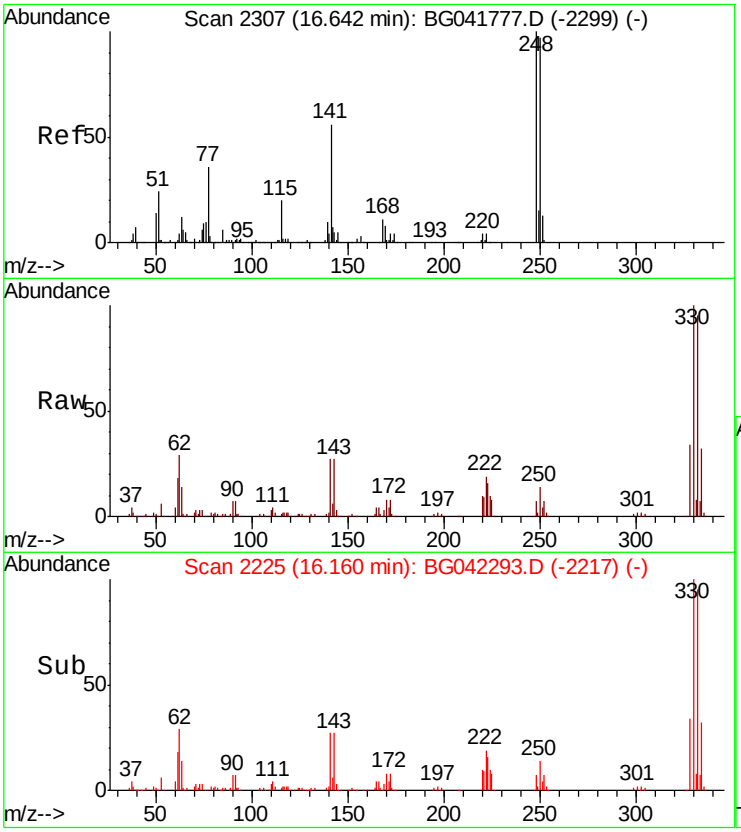


#65
4,6-Dinitro-2-methylphenol
Concen: 7.204 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.33 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Tgt Ion:198 Resp: 804

Ion	Ratio	Lower	Upper
198	100		
51	58.2	22.3	62.3
105	102.3	18.0	58.0#



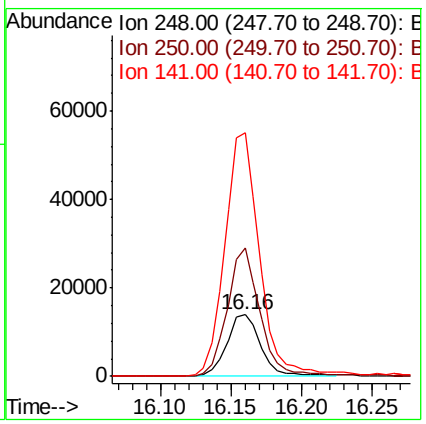


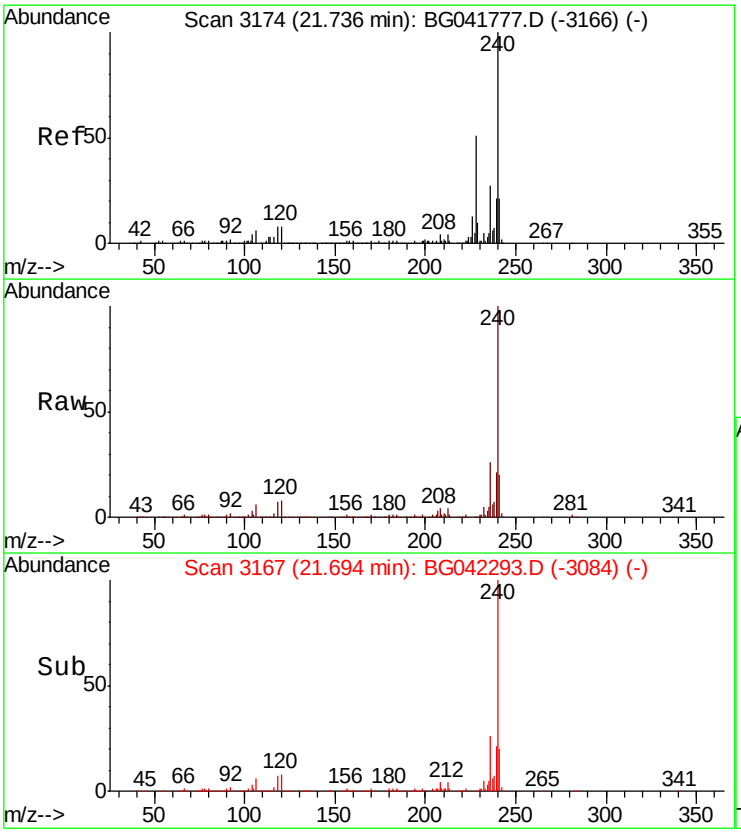
#67
4-Bromophenyl-phenylether
Concen: 4.756 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.48 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tgt Ion:248 Resp: 23424

Ion	Ratio	Lower	Upper
248	100		
250	209.4	78.1	117.1#
141	396.5	49.6	74.4#

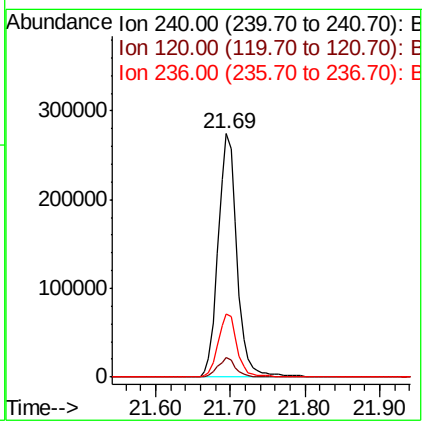


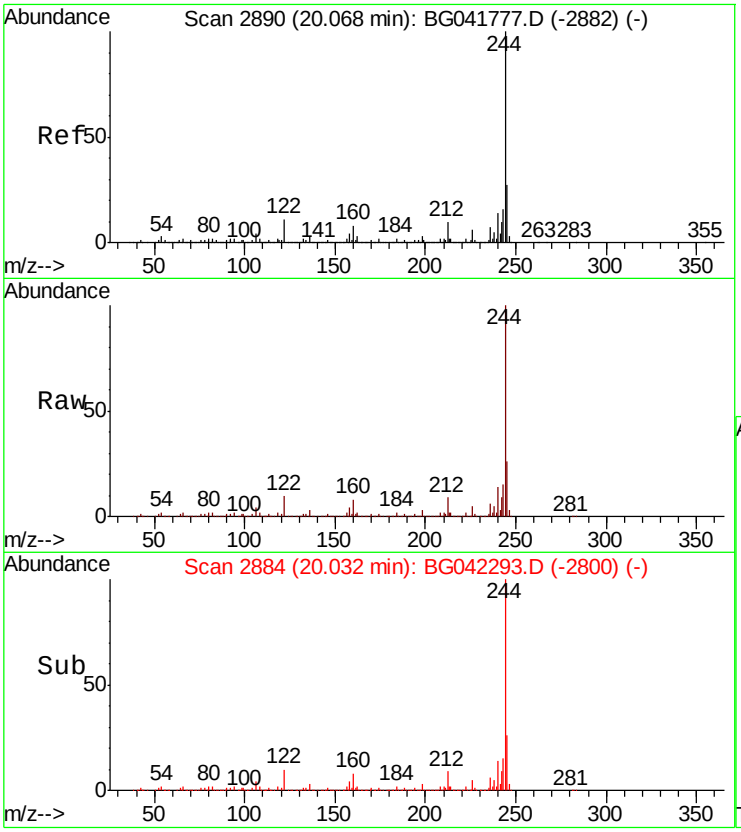


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.04 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Tgt Ion:240 Resp: 480379

Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.0	12.0
236	26.0	22.6	33.8



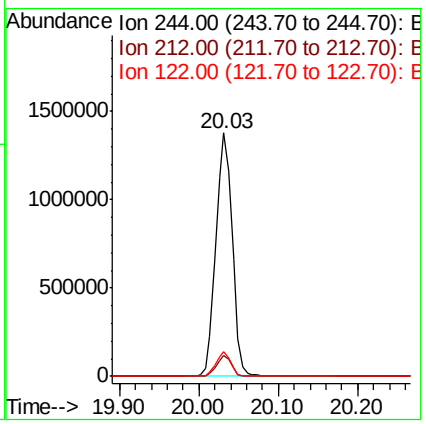


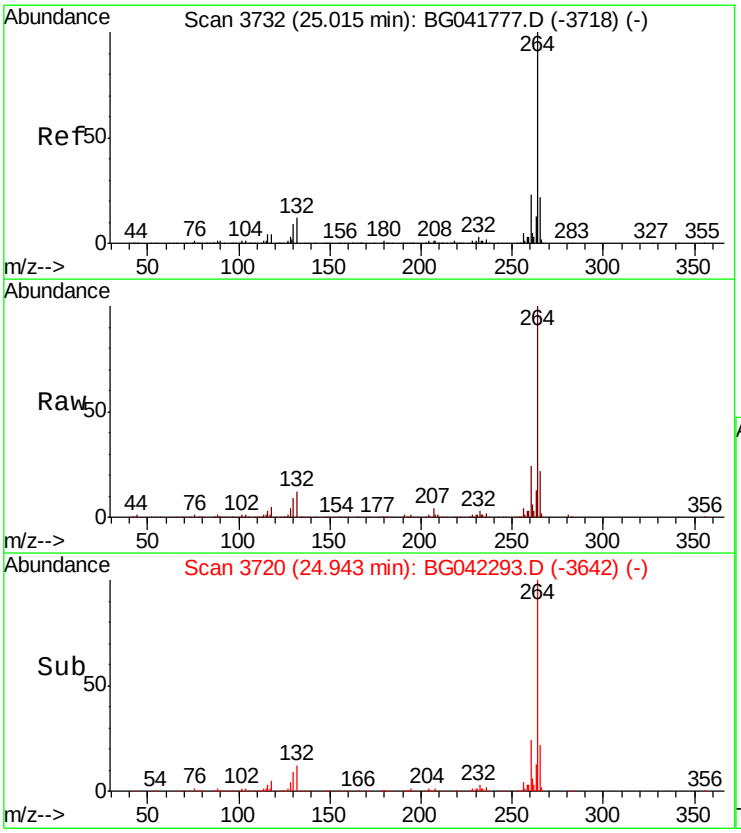
#79
Terphenyl-d14
Concen: 94.212 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.04 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Instrument :
BNA_G
ClientSampleId :
VNJ-222

Tgt Ion:244 Resp: 1977804

Ion	Ratio	Lower	Upper
244	100		
212	8.8	9.7	14.5#
122	10.1	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3720
Delta R.T. -0.07 min
Lab File: BG042293.D
Acq: 17 Aug 2019 16:44

Tgt Ion:264 Resp: 546756

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.5	18.0	27.0