Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
Data File : BG044915.D
Acq On : 20 Mar 2020 2:52
Operator : CG/JU
Sample : L1943-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : J+B-2A

Quant Time: Mar 20 03:42:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	80639	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	302143	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	197892	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	464954	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	490047	20.00	ng	-0.02
87) Perylene-d12	24.89	264	513394	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	585104	112.95	ng	0.00
7) Phenol-d6	7.20	99	724147	96.21	ng	0.00
23) Nitrobenzene-d5	9.20	82	615594	89.41	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	393303	151.79	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1262276	91.34	ng	0.00
79) Terphenyl-d14	20.03	244	2151433	82.12	ng	0.00
Target Compounds						Qvalue

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

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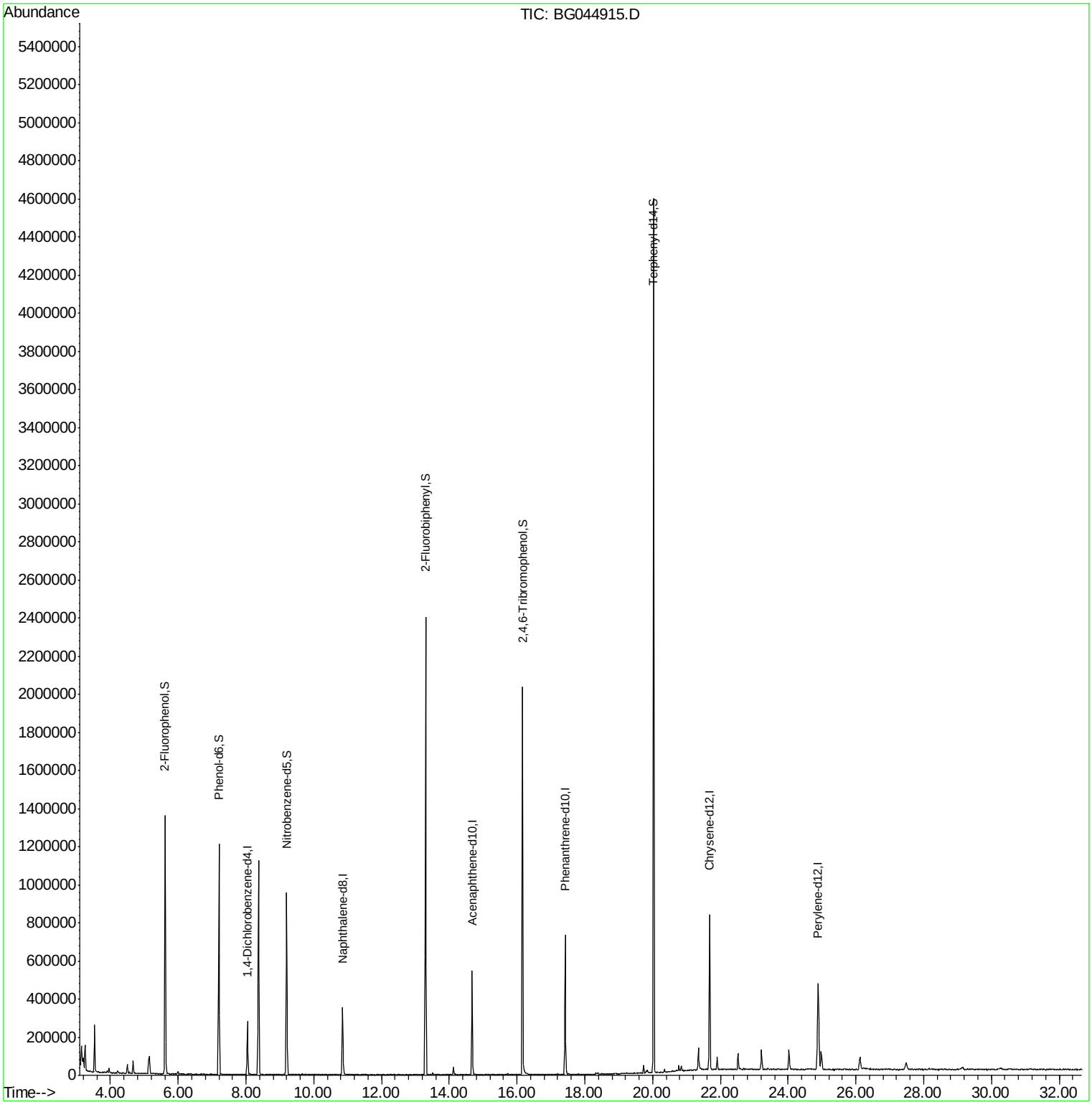
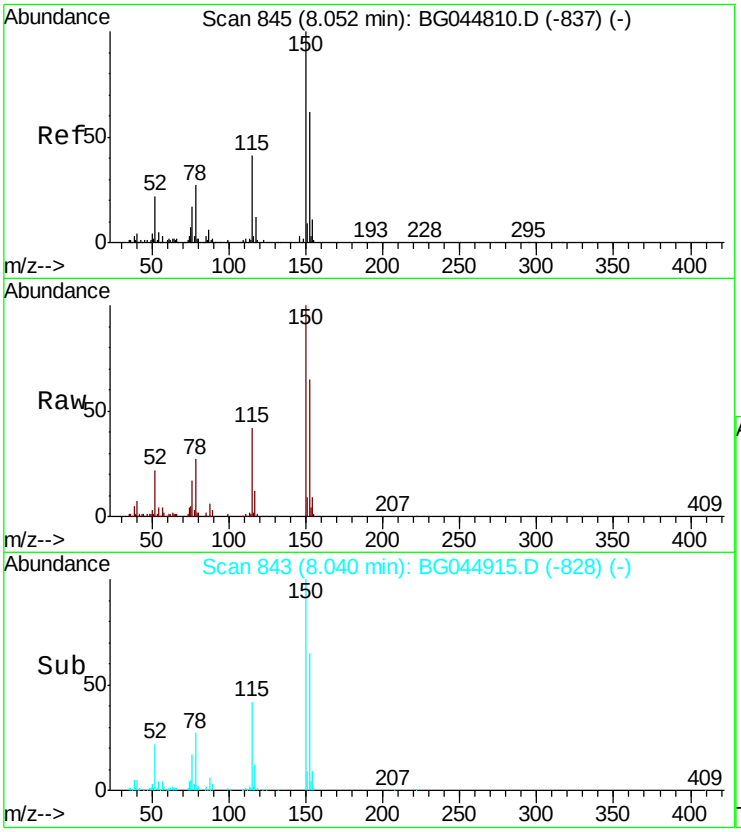


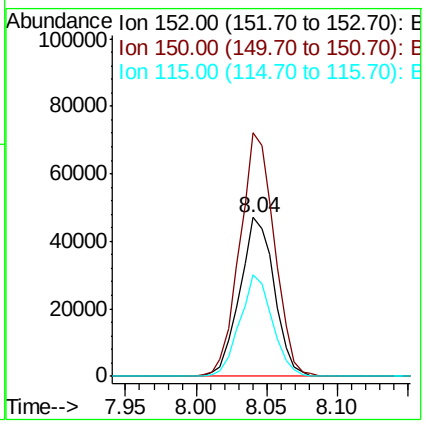


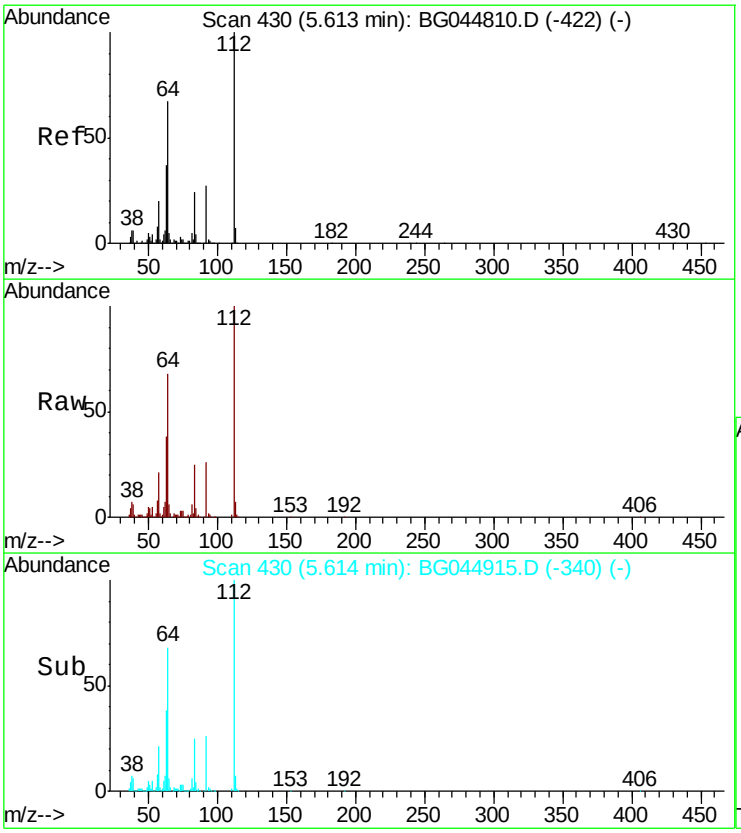
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Instrument :
BNA_G
ClientSampleId :
J+B-2A

Tgt Ion:152 Resp: 80639

Ion	Ratio	Lower	Upper
152	100		
150	153.3	128.8	193.2
115	63.8	52.6	79.0

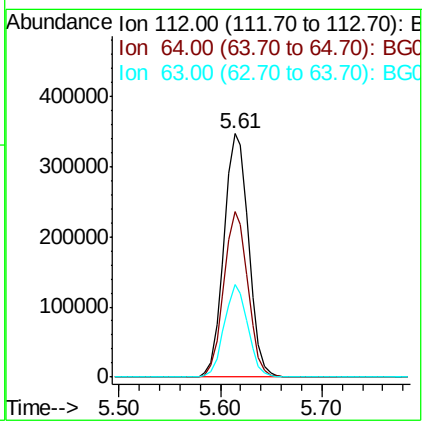


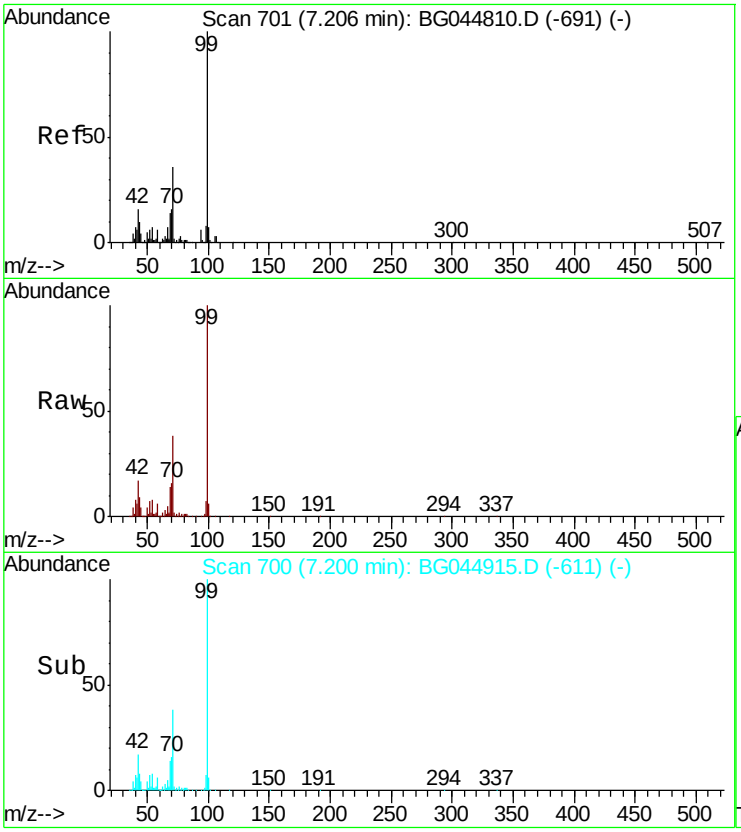


#5
2-Fluorophenol
Concen: 112.951 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Tgt Ion:112 Resp: 585104

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.4	80.2
63	38.0	29.4	44.2



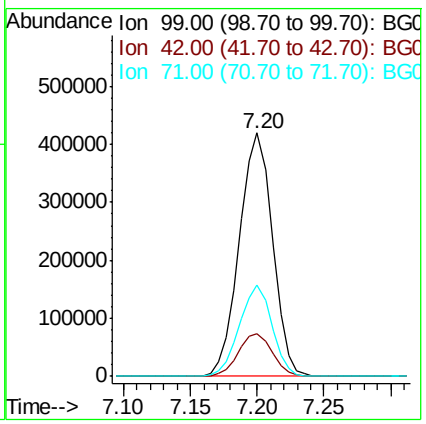


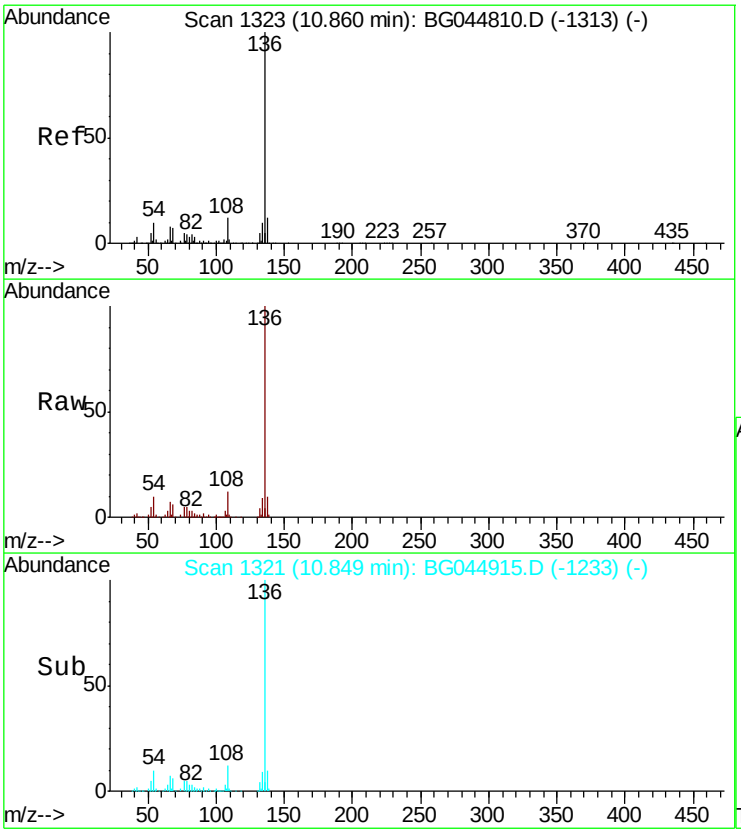
#7
Phenol-d6
Concen: 96.214 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Instrument :
BNA_G
ClientSampleId :
J+B-2A

Tgt Ion: 99 Resp: 724147

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.6	19.0
71	37.6	29.0	43.4

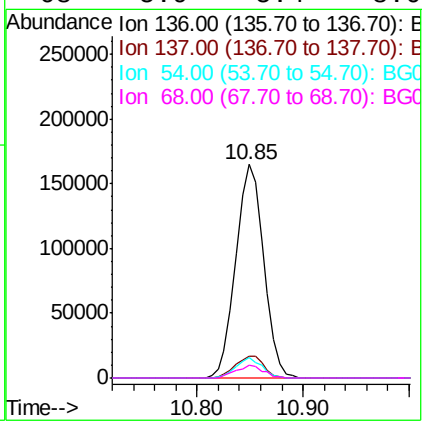


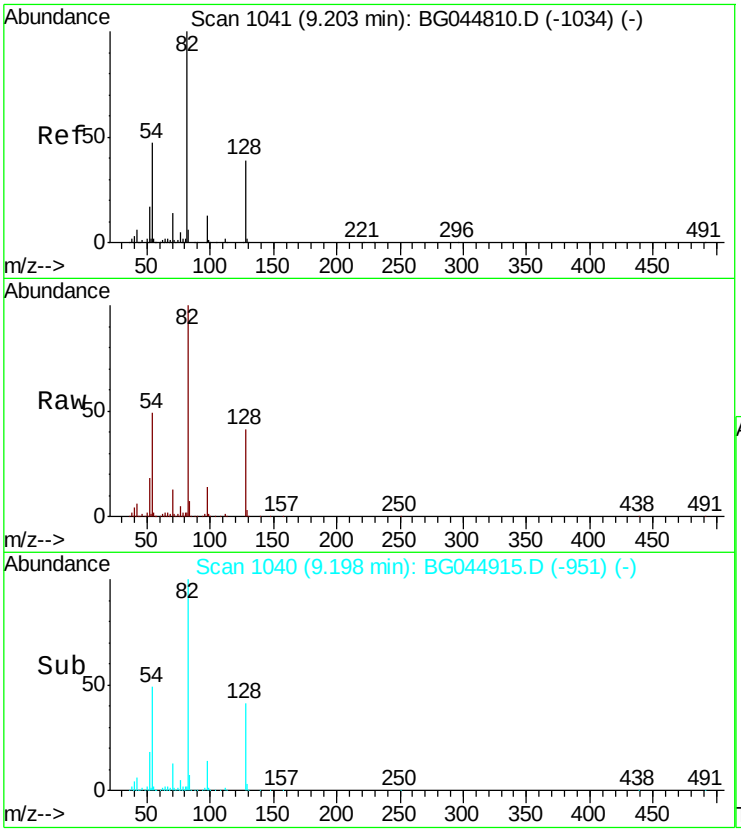


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Tgt Ion:136 Resp: 302143

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.8	14.6
54	9.7	7.9	11.9
68	5.9	5.4	8.0



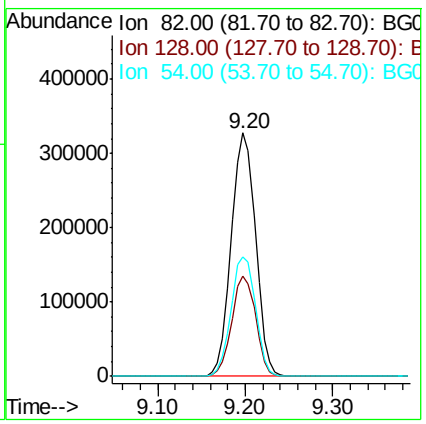


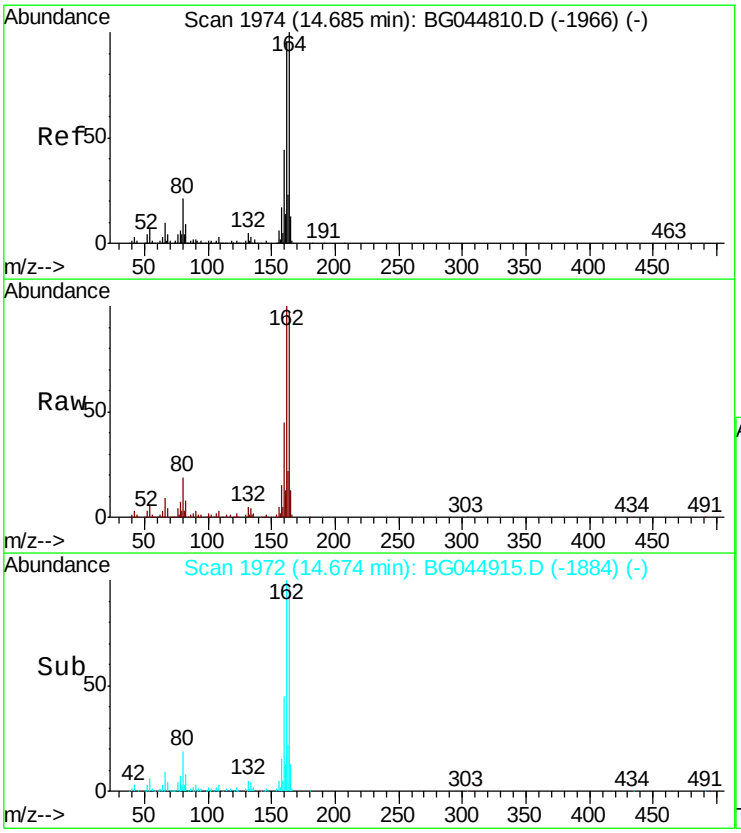
#23
Nitrobenzene-d5
Concen: 89.405 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Instrument :
BNA_G
ClientSampleId :
J+B-2A

Tgt Ion: 82 Resp: 615594

Ion	Ratio	Lower	Upper
82	100		
128	41.3	30.6	46.0
54	49.1	37.1	55.7

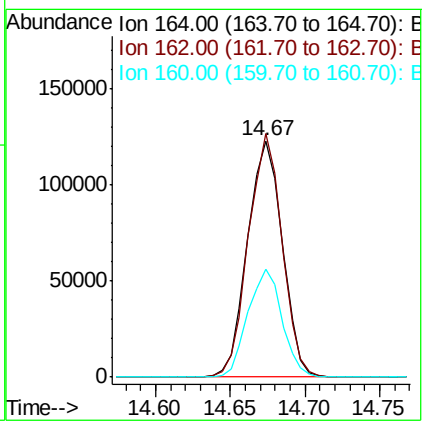


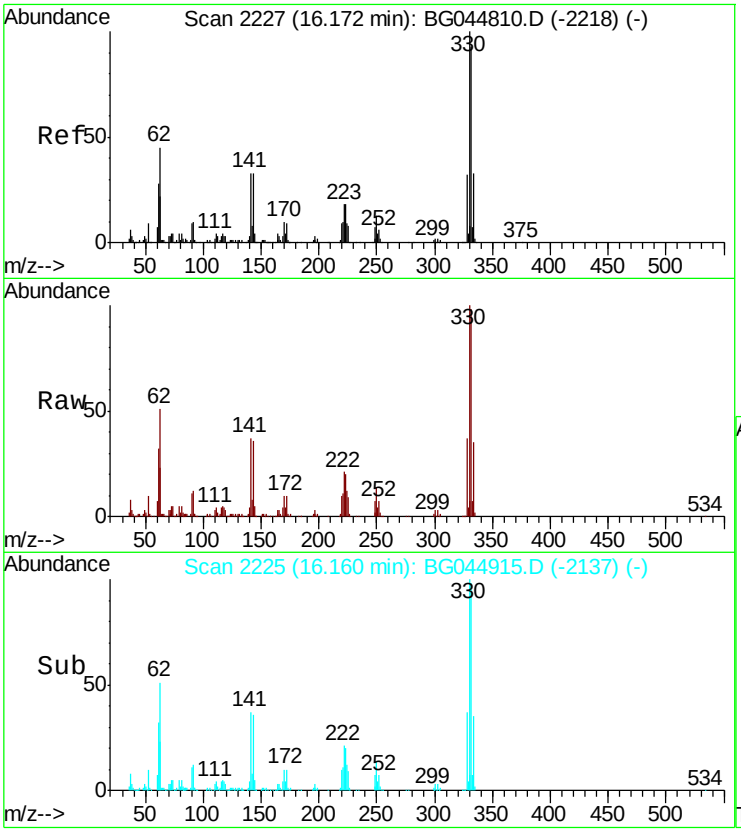


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Tgt Ion:164 Resp: 197892

Ion	Ratio	Lower	Upper
164	100		
162	103.1	76.7	115.1
160	45.9	35.0	52.4



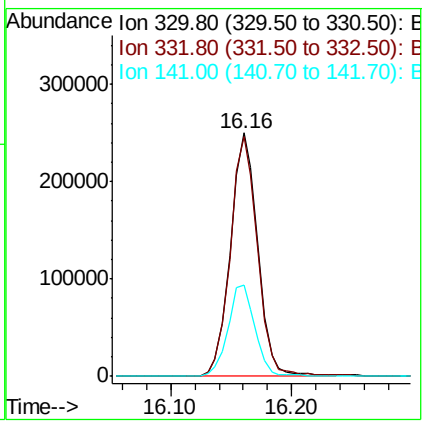


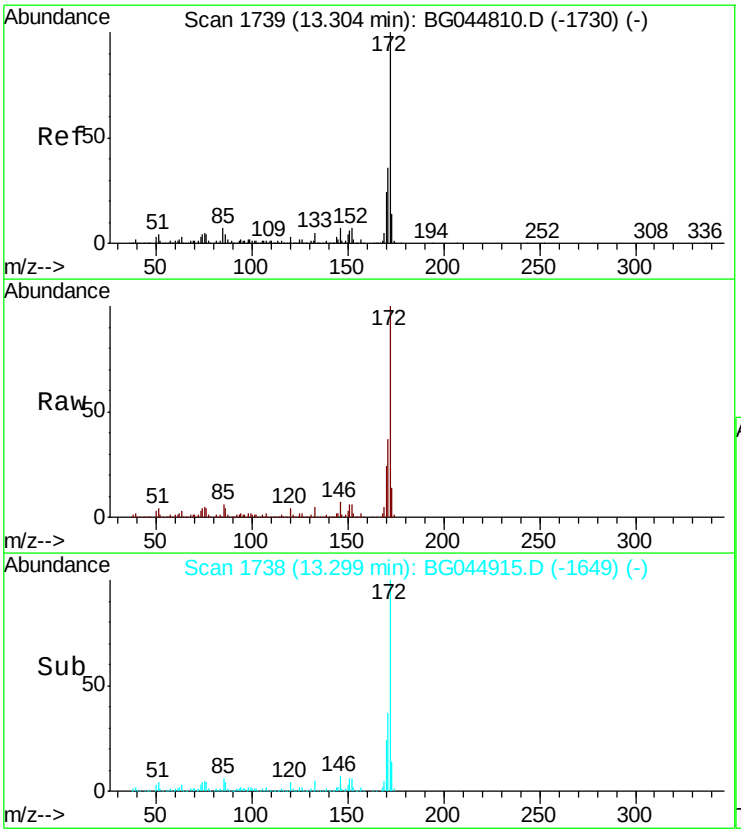
#42
2,4,6-Tribromophenol
Concen: 151.790 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Instrument :
BNA_G
ClientSampleId :
J+B-2A

Tgt Ion:330 Resp: 393303

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.8	116.6
141	37.2	29.5	44.3

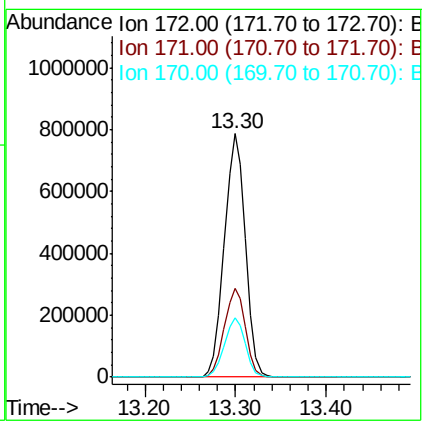


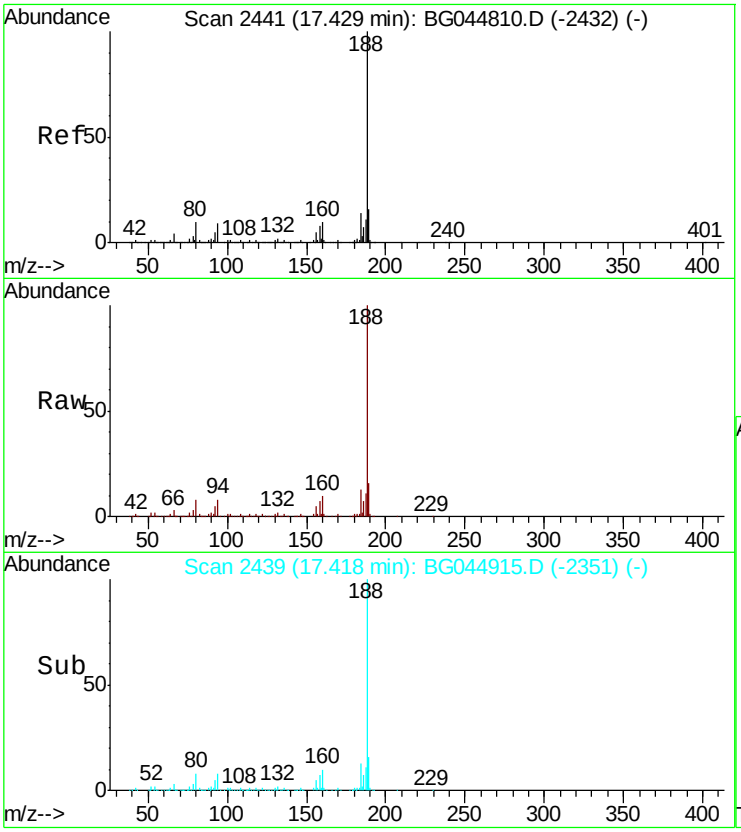


#45
2-Fluorobiphenyl
Concen: 91.344 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Tgt Ion:172 Resp: 1262276

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.7	43.1
170	24.1	19.0	28.6



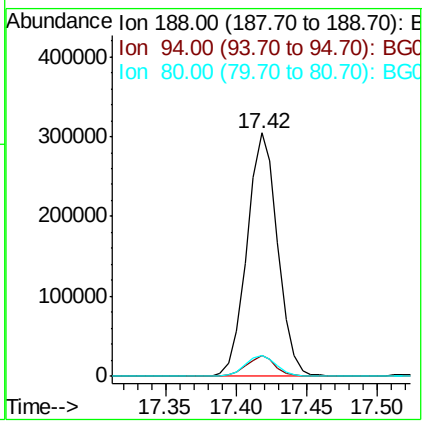


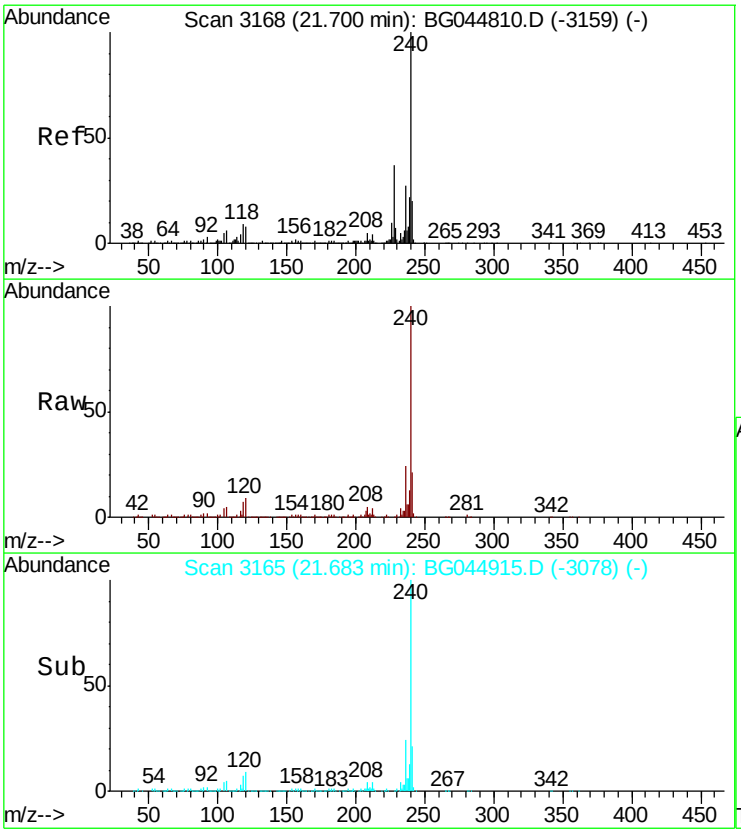
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Instrument :
BNA_G
ClientSampleId :
J+B-2A

Tgt Ion:188 Resp: 464954

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.3	10.9
80	8.4	8.0	12.0

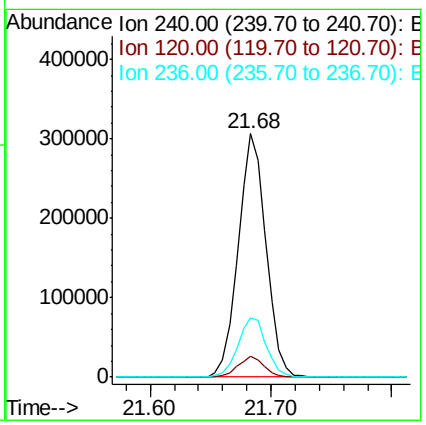


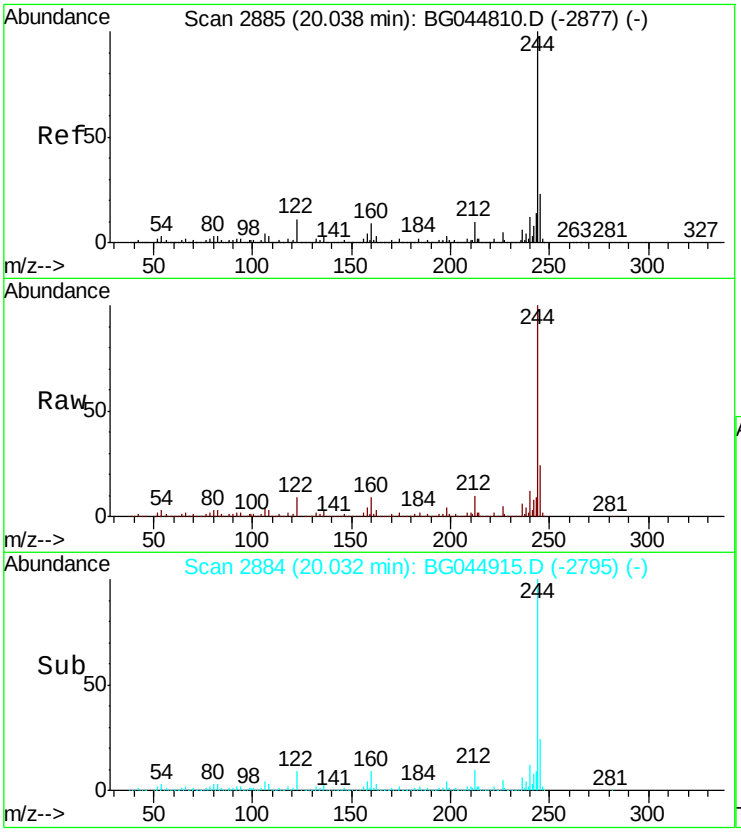


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Tgt Ion:240 Resp: 490047

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	24.3	21.5	32.3



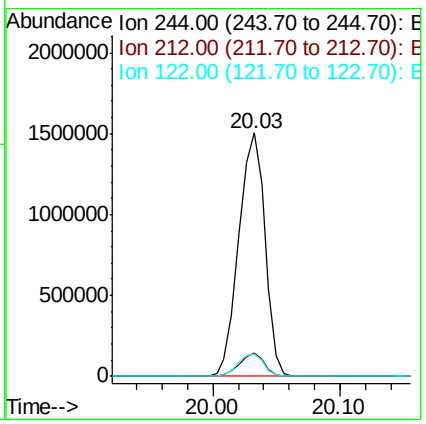


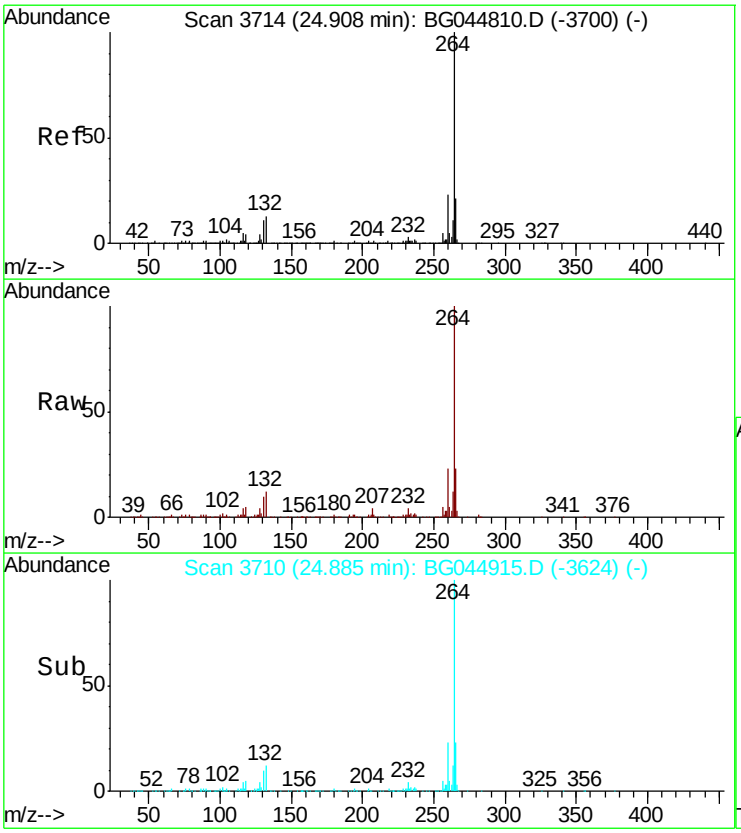
#79
Terphenyl-d14
Concen: 82.122 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Instrument :
BNA_G
ClientSampleId :
J+B-2A

Tgt Ion:244 Resp: 2151433

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.7	11.5
122	9.2	8.6	12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044915.D
Acq: 20 Mar 2020 2:52

Tgt Ion:264 Resp: 513394

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.1	27.1
265	22.7	17.1	25.7