Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
Data File : BG040631.D
Acq On : 26 Apr 2019 16:12
Operator : JU/SJ
Sample : K2535-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-ER-2019-1

Quant Time: Apr 27 03:45:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	50119	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	212977	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	156932	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	407534	20.00	ng	0.00
76) Chrysene-d12	21.82	240	410540	20.00	ng	0.00
87) Perylene-d12	25.21	264	432623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	161066	56.65	ng	0.00
7) Phenol-d6	7.29	99	148214	33.86	ng	0.00
23) Nitrobenzene-d5	9.34	82	429166	93.11	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	299571	138.88	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	911213	83.86	ng	0.00
79) Terphenyl-d14	20.13	244	1737944	93.79	ng	0.00
Target Compounds						Qvalue

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

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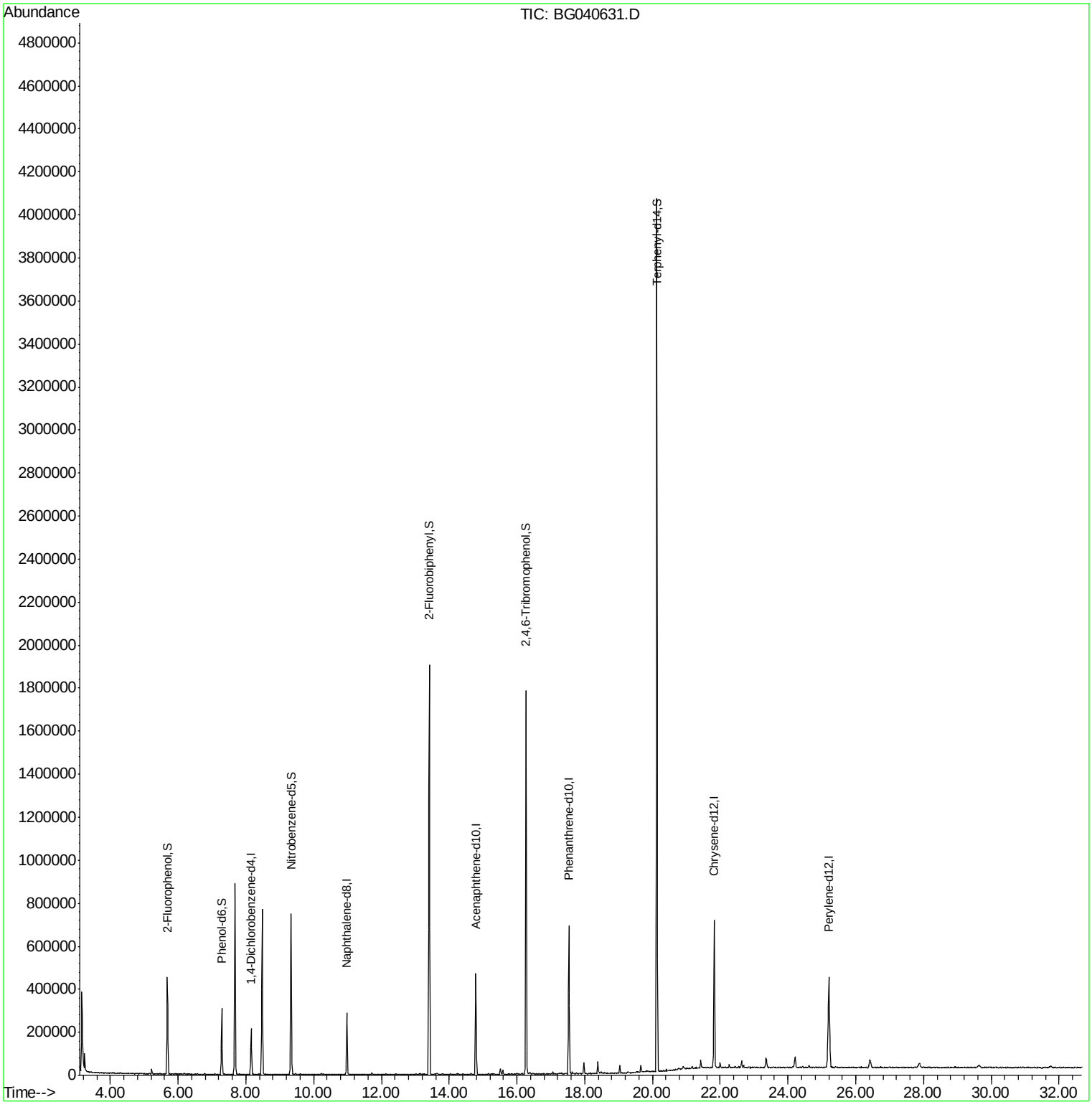
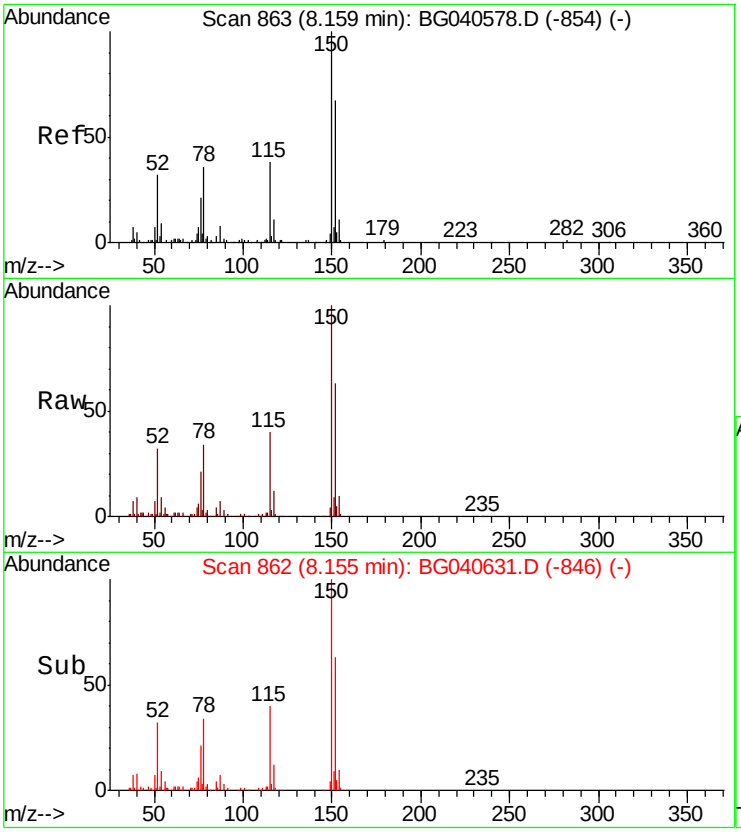


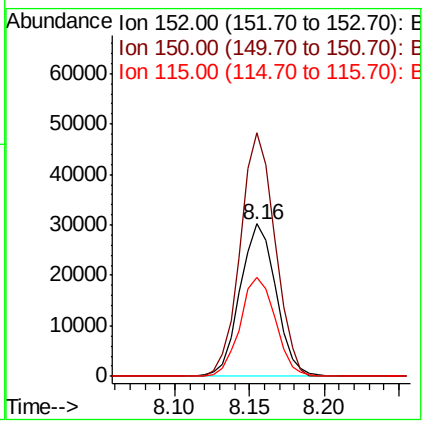


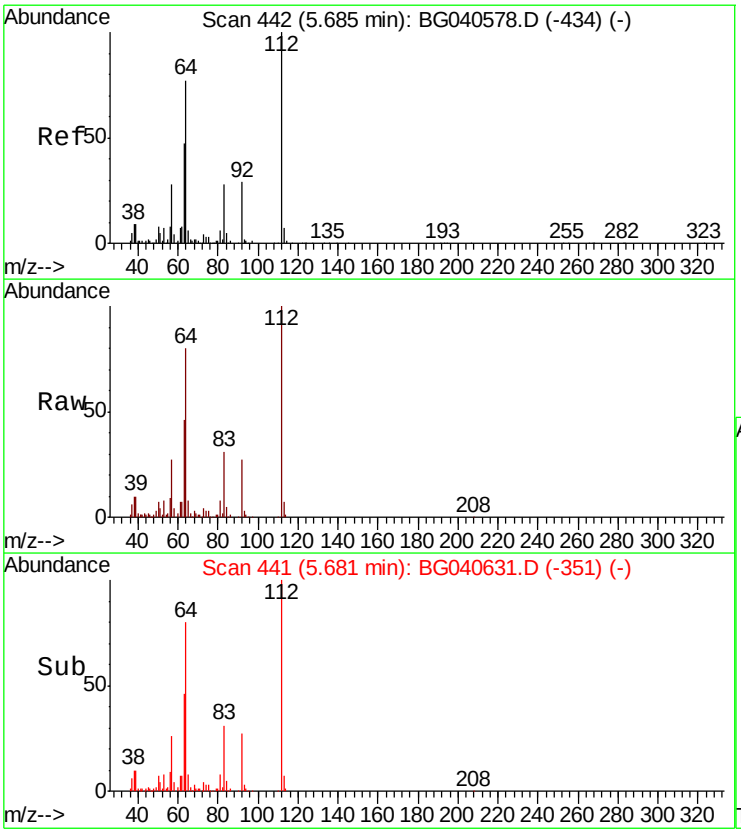
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Instrument :
BNA_G
ClientSampleId :
S37-ER-2019-1

Tgt Ion:152 Resp: 50119

Ion	Ratio	Lower	Upper
152	100		
150	159.7	120.2	180.2
115	64.6	46.2	69.2

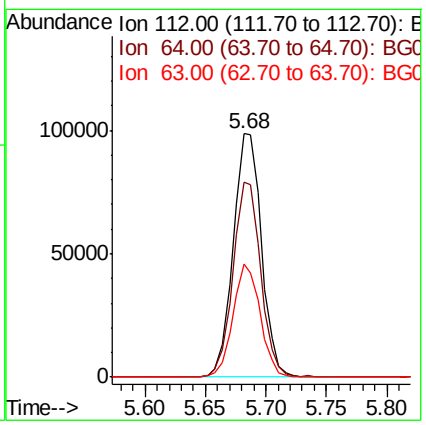


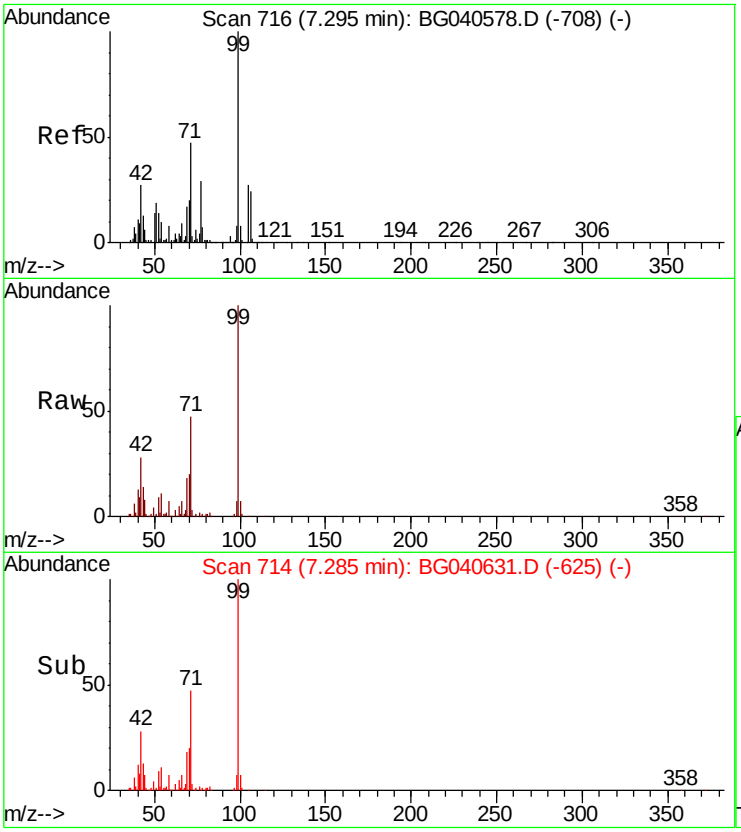


#5
2-Fluorophenol
Concen: 56.649 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Tgt Ion:112 Resp: 161066

Ion	Ratio	Lower	Upper
112	100		
64	80.2	61.4	92.0
63	46.5	37.8	56.6



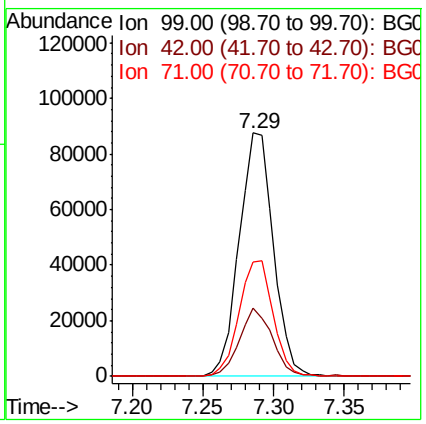


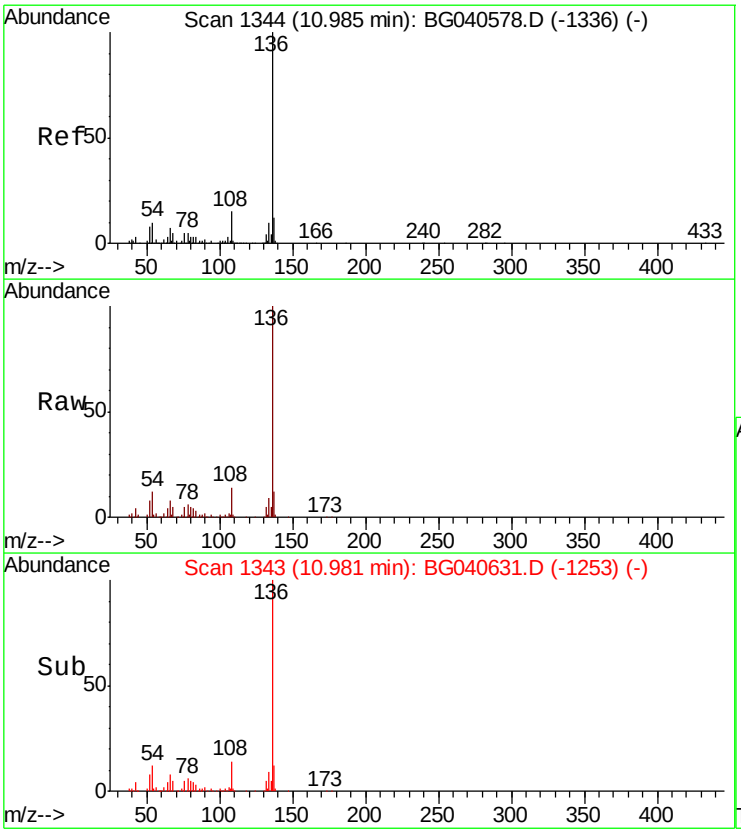
#7
Phenol-d6
Concen: 33.856 ng
RT: 7.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Instrument :
BNA_G
ClientSampleId :
S37-ER-2019-1

Tgt Ion: 99 Resp: 148214

Ion	Ratio	Lower	Upper
99	100		
42	27.8	21.8	32.8
71	46.8	38.6	57.8

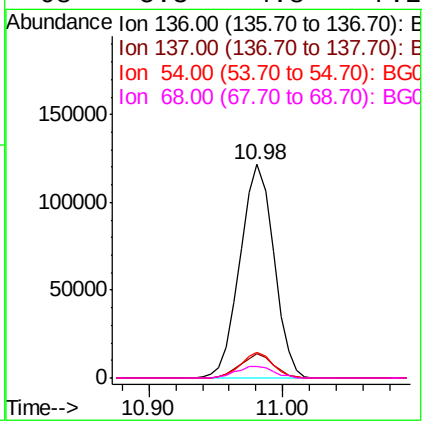


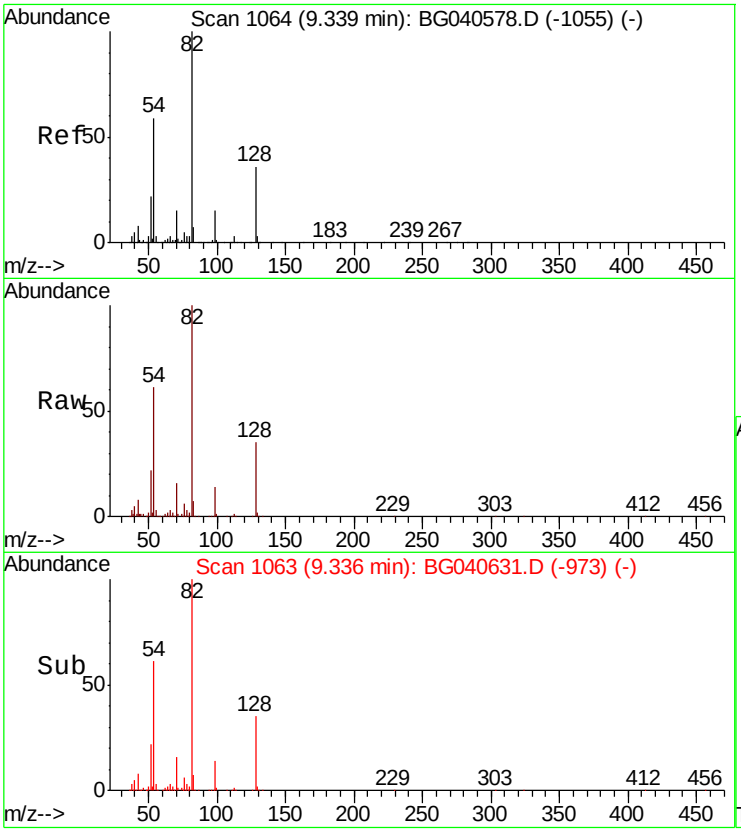


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Tgt Ion:136 Resp: 212977

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	12.1	8.6	12.8
68	5.3	4.8	7.2



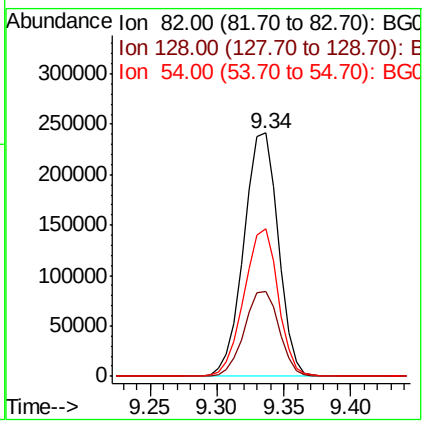


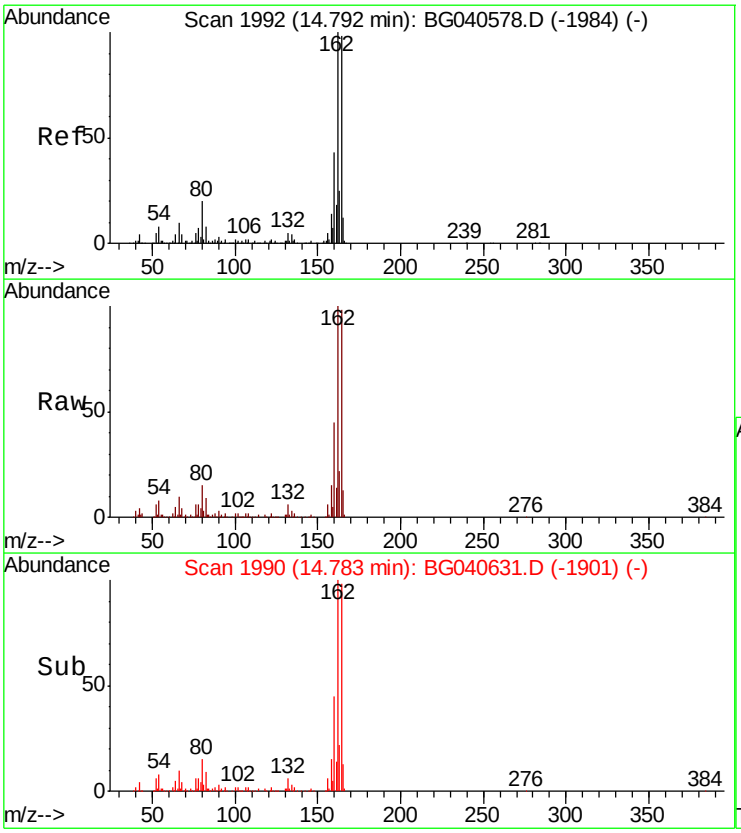
#23
Nitrobenzene-d5
Concen: 93.109 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Instrument :
BNA_G
ClientSampleId :
S37-ER-2019-1

Tgt Ion: 82 Resp: 429166

Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.9	43.3
54	60.6	47.2	70.8

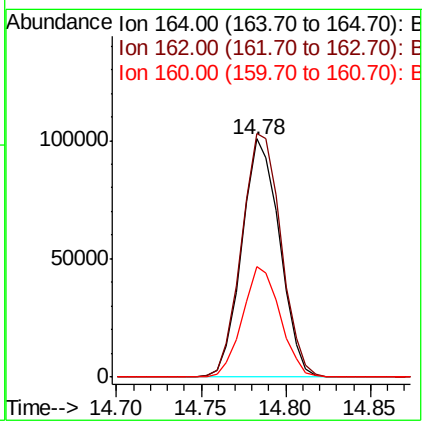


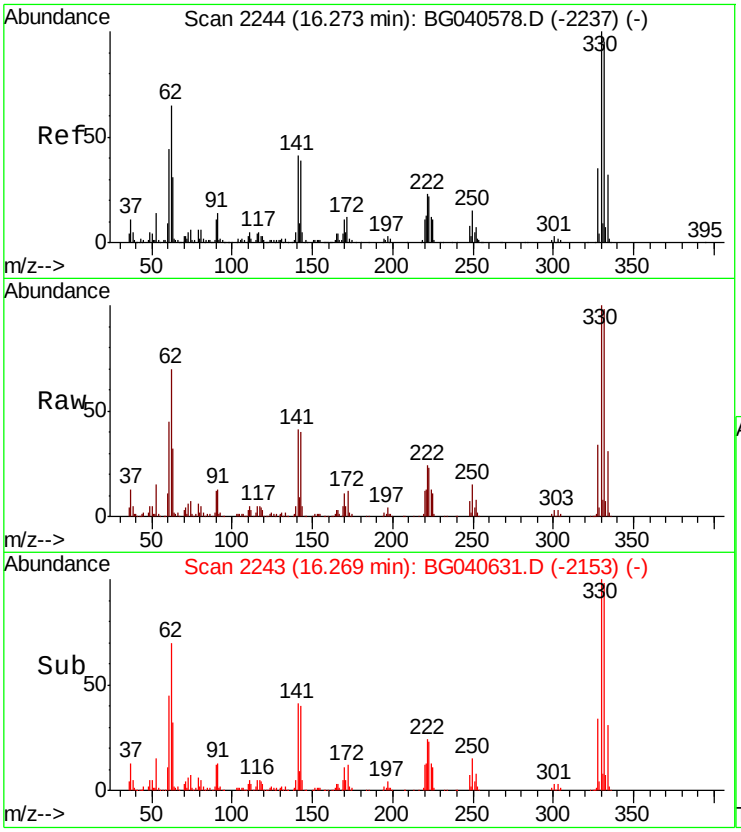


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Tgt Ion:164 Resp: 156932

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.9	122.9
160	46.4	35.4	53.2



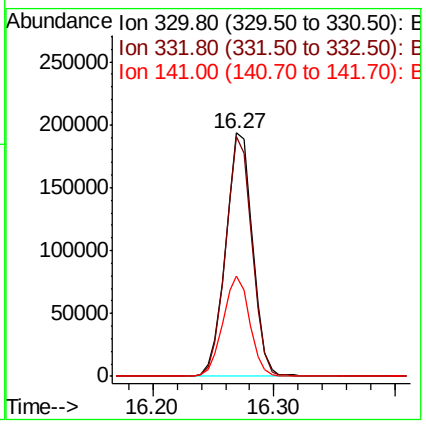


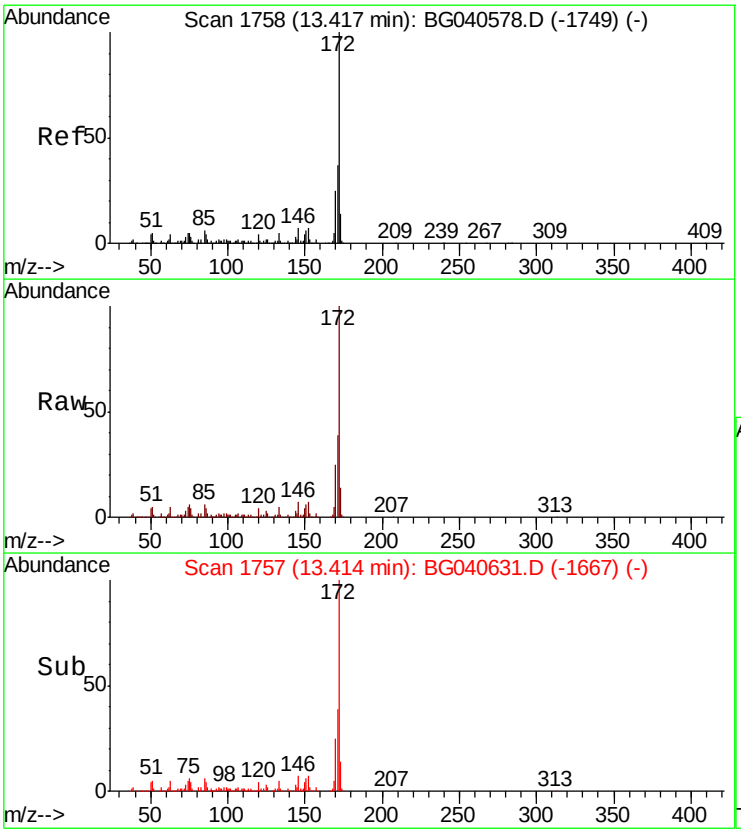
#42
2,4,6-Tribromophenol
Concen: 138.879 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Instrument :
BNA_G
ClientSampleId :
S37-ER-2019-1

Tgt Ion:330 Resp: 299571

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.9	113.9
141	40.5	32.4	48.6

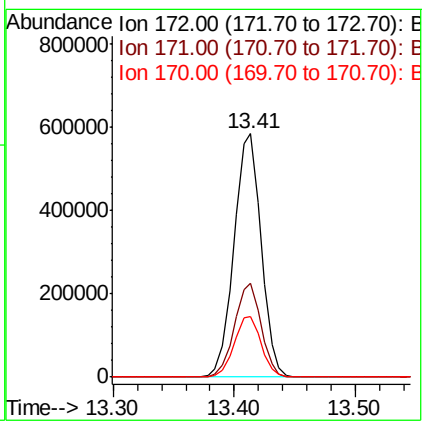


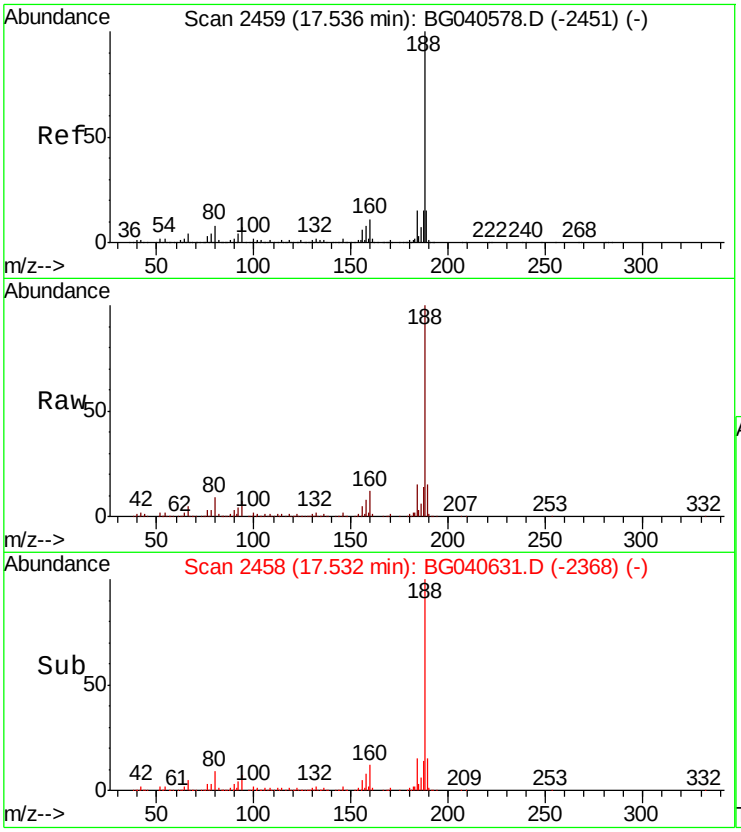


#45
2-Fluorobiphenyl
Concen: 83.856 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Tgt Ion:172 Resp: 911213

Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	24.6	19.9	29.9



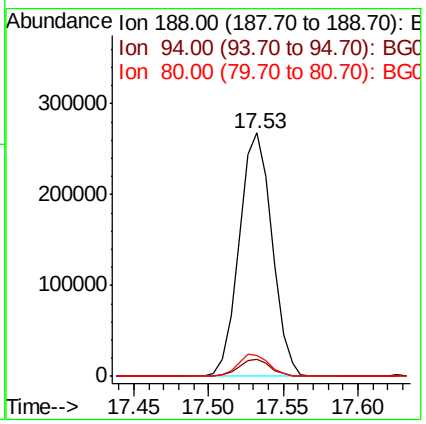


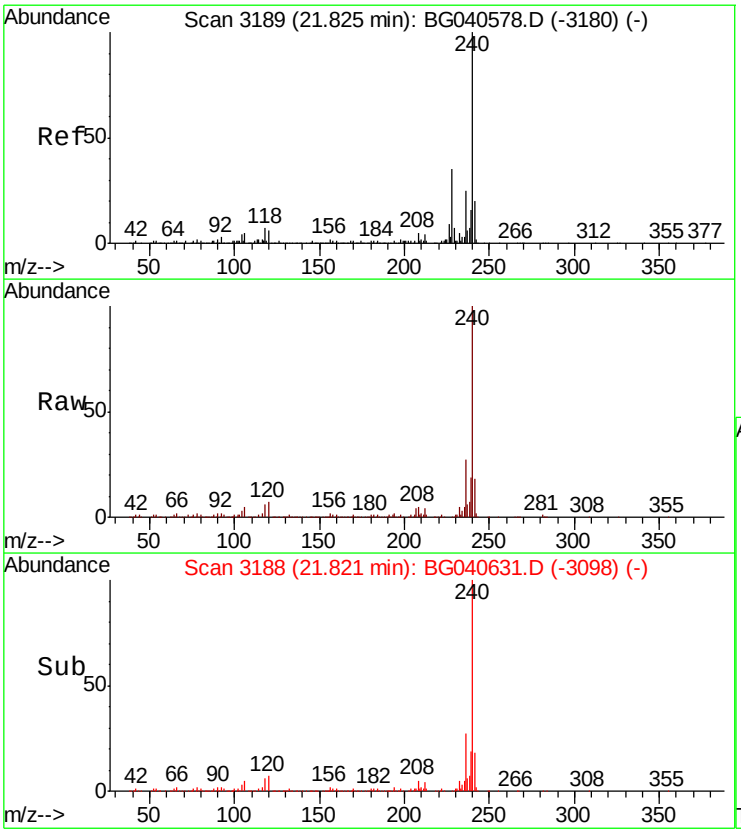
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Instrument :
BNA_G
ClientSampleId :
S37-ER-2019-1

Tgt Ion:188 Resp: 407534

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.6	8.4
80	8.6	6.4	9.6

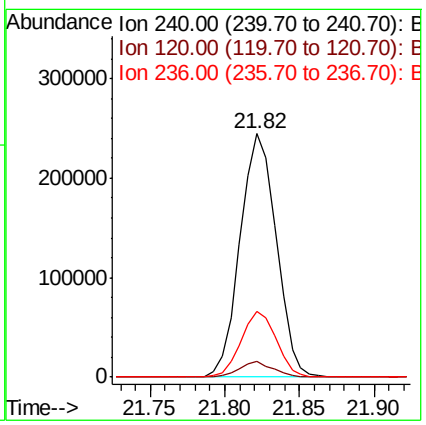


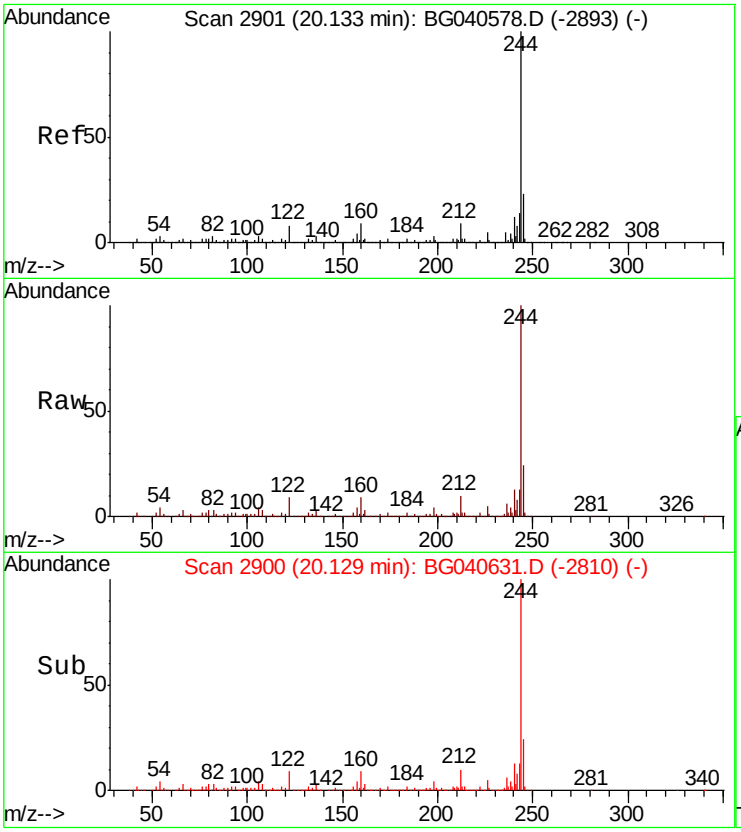


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.00 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Tgt Ion:240 Resp: 410540

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.0	7.6
236	26.9	20.3	30.5



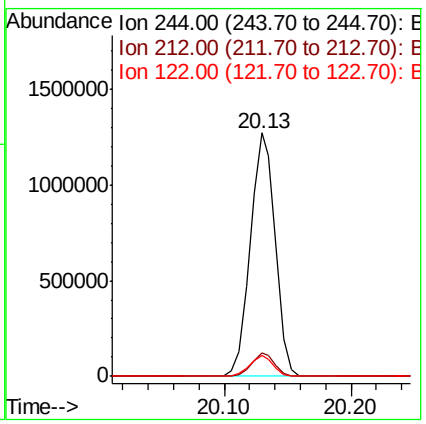


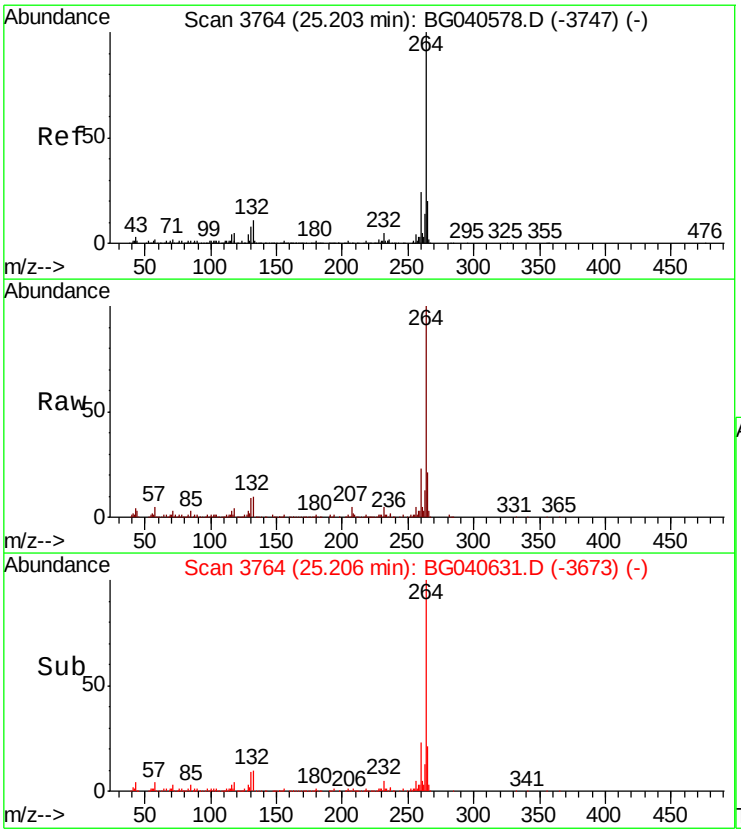
#79
Terphenyl-d14
Concen: 93.786 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Instrument :
BNA_G
ClientSampleId :
S37-ER-2019-1

Tgt Ion:244 Resp: 1737944

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.2	10.8
122	8.7	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3764
Delta R.T. 0.00 min
Lab File: BG040631.D
Acq: 26 Apr 2019 16:12

Tgt Ion:264 Resp: 432623

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.6	16.6	25.0