Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041829.D
Acq On : 31 Jul 2019 10:54
Operator : HP/JU
Sample : PB121812BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121812BL

Quant Time: Jul 31 13:01:11 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	8.04	152	107888	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	438501	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	308227	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	706769	20.00	ng	0.00
76) Chrysene-d12	21.73	240	741806	20.00	ng	0.00
87) Perylene-d12	25.00	264	829932	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	710601	128.15	ng	0.00
7) Phenol-d6	7.20	99	971810	129.99	ng	0.00
23) Nitrobenzene-d5	9.21	82	583806	91.62	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	468808	133.91	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1568156	89.73	ng	0.00
79) Terphenyl-d14	20.06	244	2499406	77.10	ng	0.00
Target Compounds						Qvalue

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

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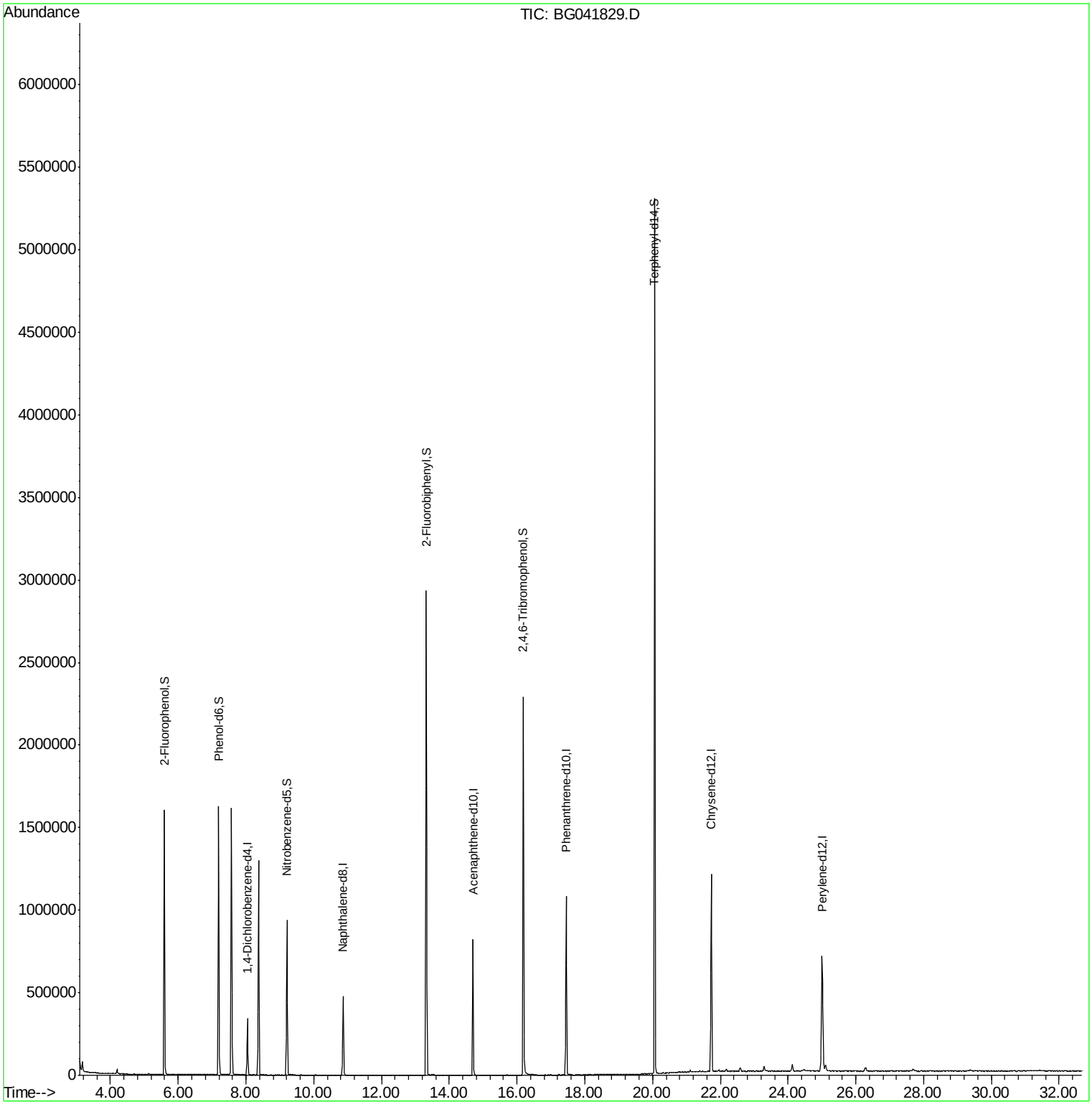
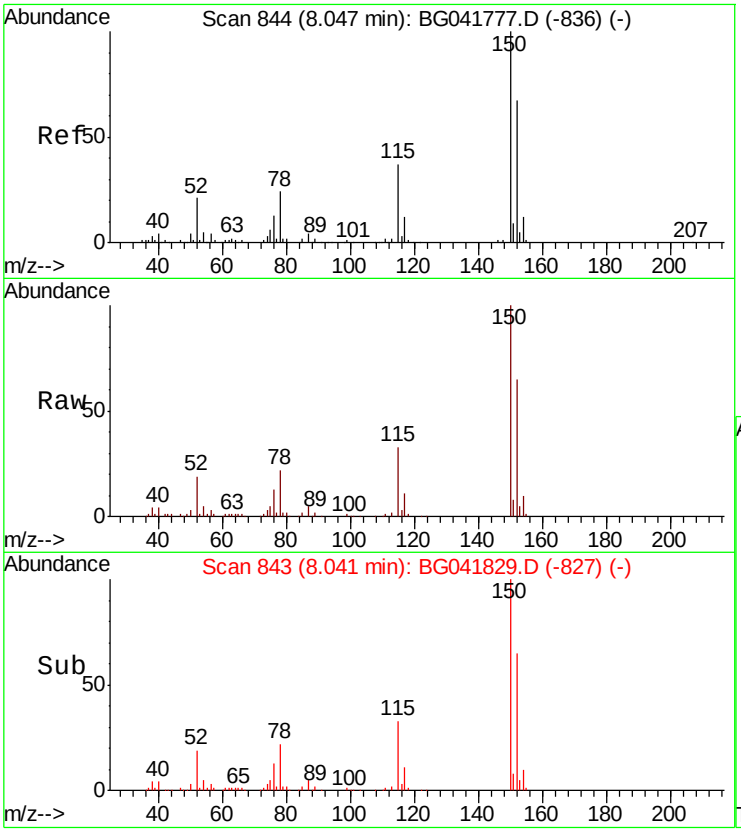


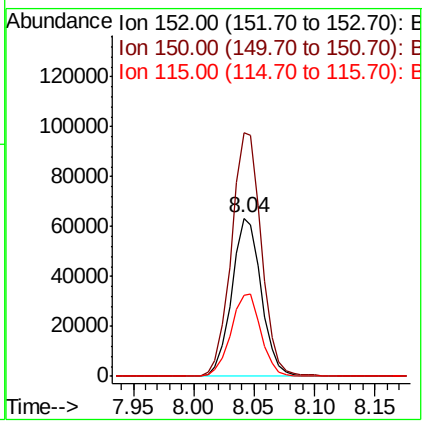


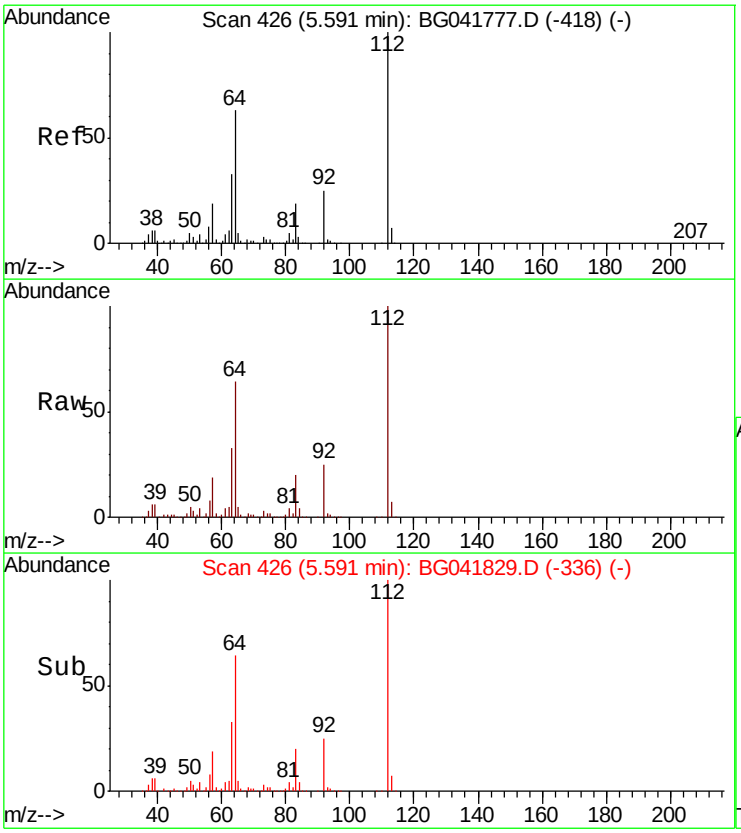
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Instrument :
BNA_G
ClientSampleId :
PB121812BL

Tgt Ion:152 Resp: 107888

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	50.8	45.0	67.6

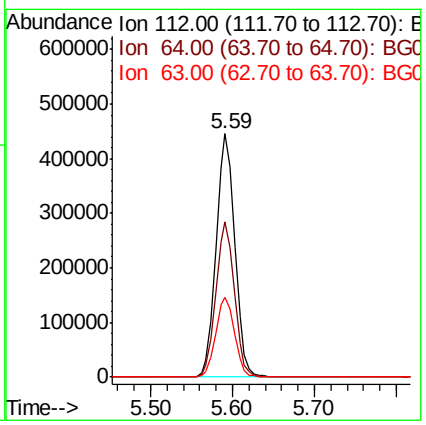


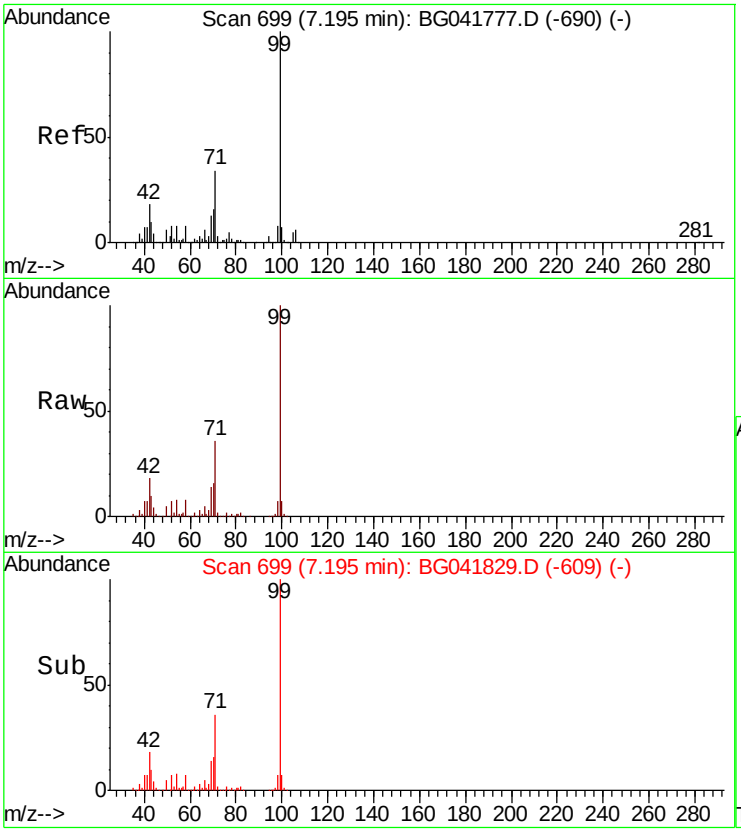


#5
2-Fluorophenol
Concen: 128.148 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Tgt Ion:112 Resp: 710601

Ion	Ratio	Lower	Upper
112	100		
64	63.9	55.4	83.2
63	32.9	29.1	43.7



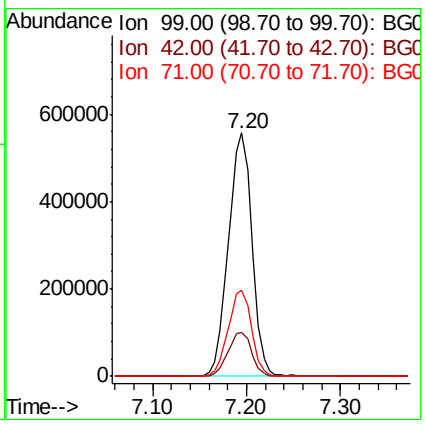


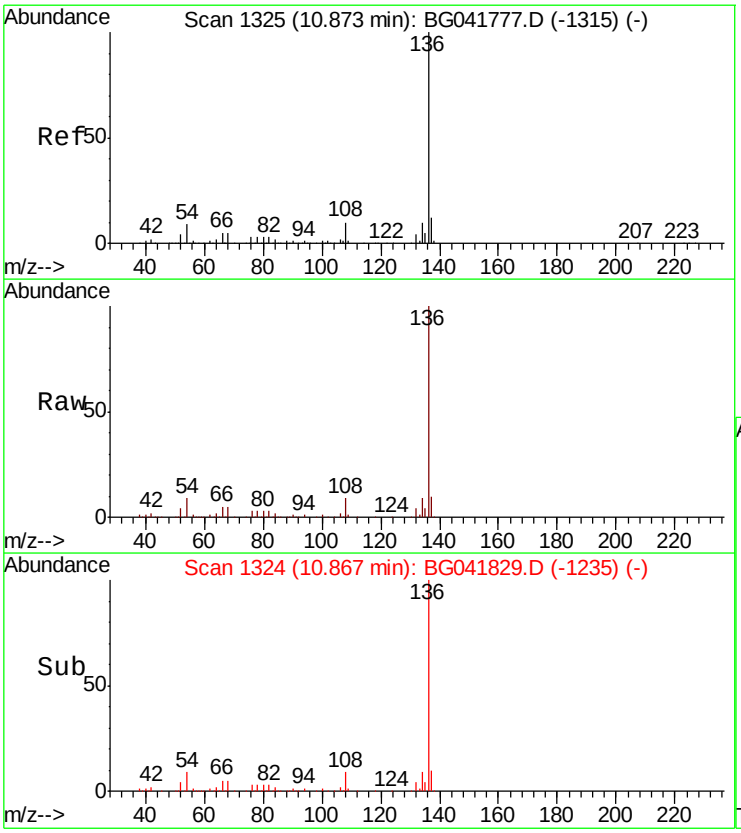
#7
Phenol-d6
Concen: 129.994 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Instrument :
BNA_G
ClientSampleId :
PB121812BL

Tgt Ion: 99 Resp: 971810

Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.6	26.4
71	35.7	27.8	41.6

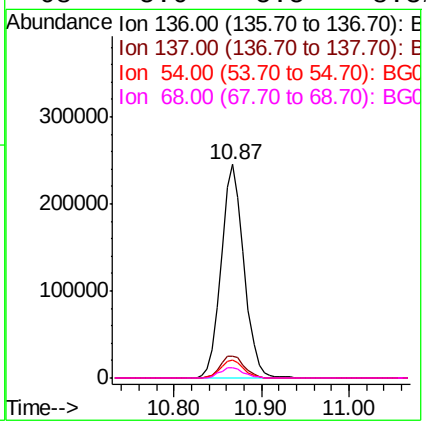


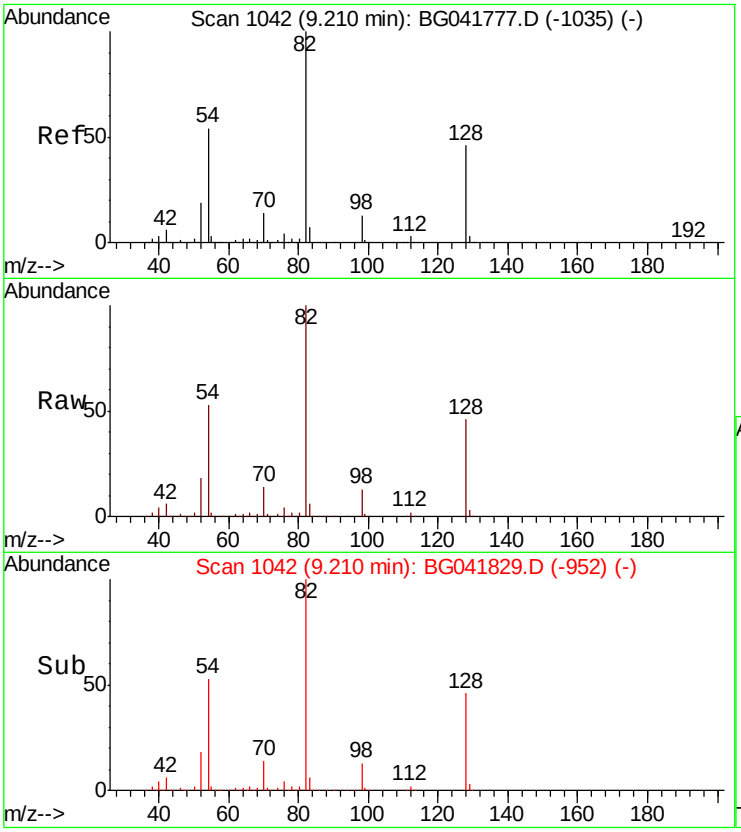


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Tgt Ion:136 Resp: 438501

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.6	8.7	13.1#
68	5.0	5.5	8.3#



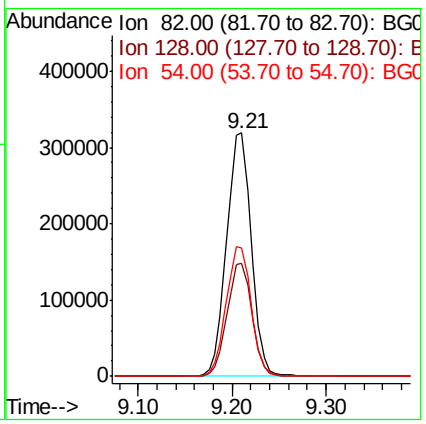


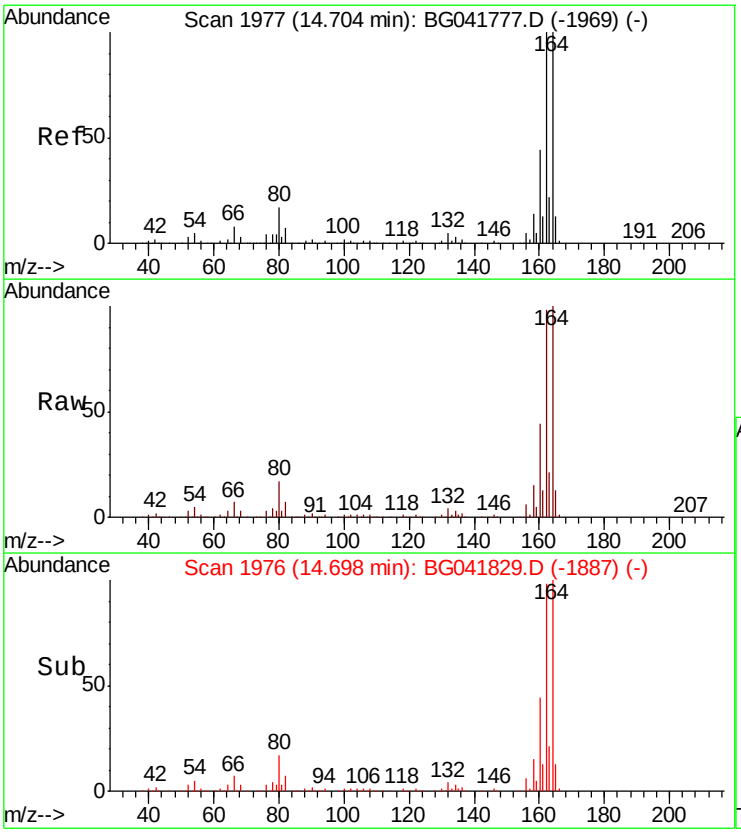
#23
Nitrobenzene-d5
Concen: 91.620 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Instrument :
BNA_G
ClientSampleId :
PB121812BL

Tgt Ion: 82 Resp: 583806

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.1	52.7
54	53.0	48.7	73.1

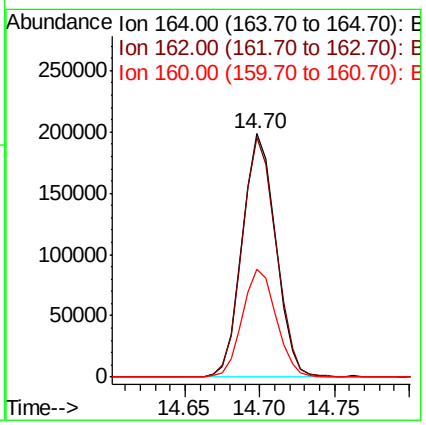


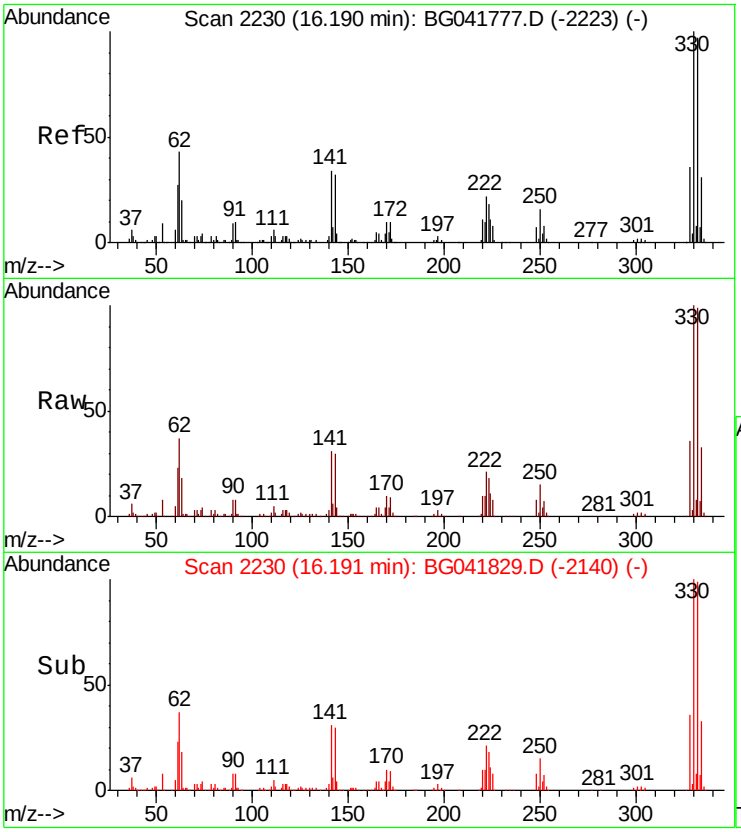


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Tgt Ion:164 Resp: 308227

Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.6	119.4
160	44.1	35.4	53.0



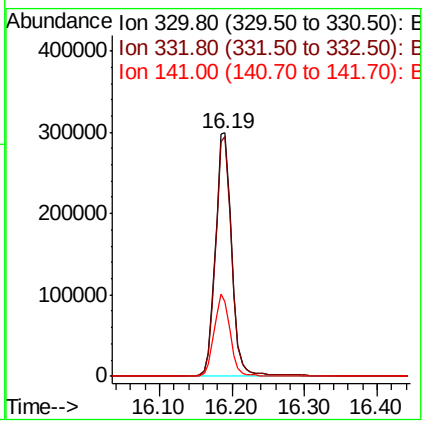


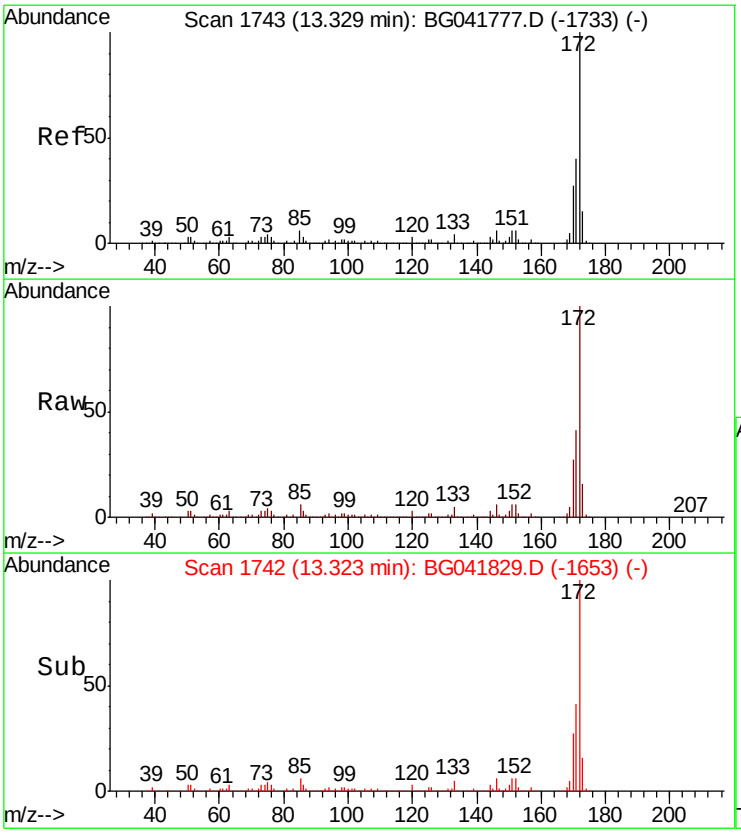
#42
2,4,6-Tribromophenol
Concen: 133.905 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Instrument :
BNA_G
ClientSampleId :
PB121812BL

Tgt Ion:330 Resp: 468808

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	33.3	31.9	47.9

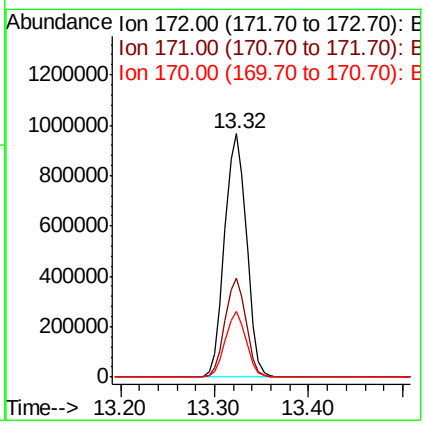


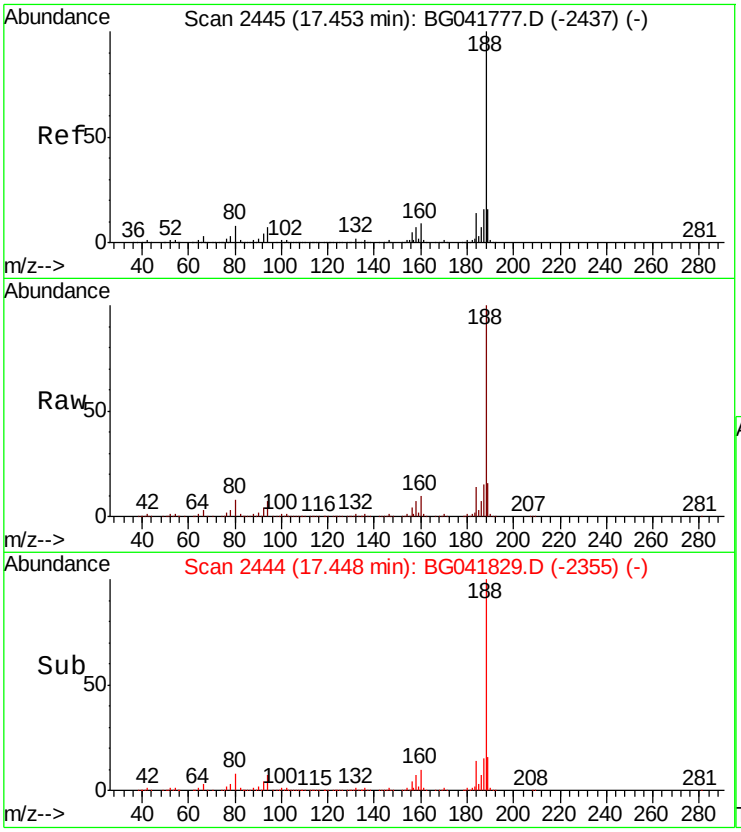


#45
2-Fluorobiphenyl
Concen: 89.732 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Tgt Ion:172 Resp: 1568156

Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.0	52.4
170	27.1	23.5	35.3



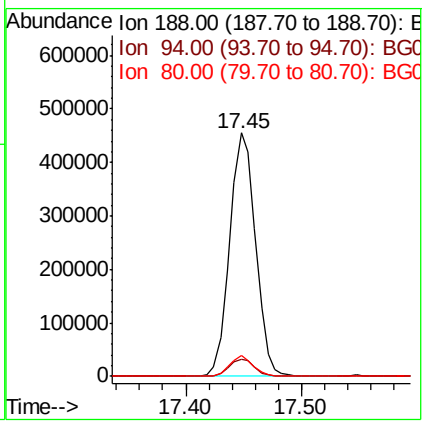


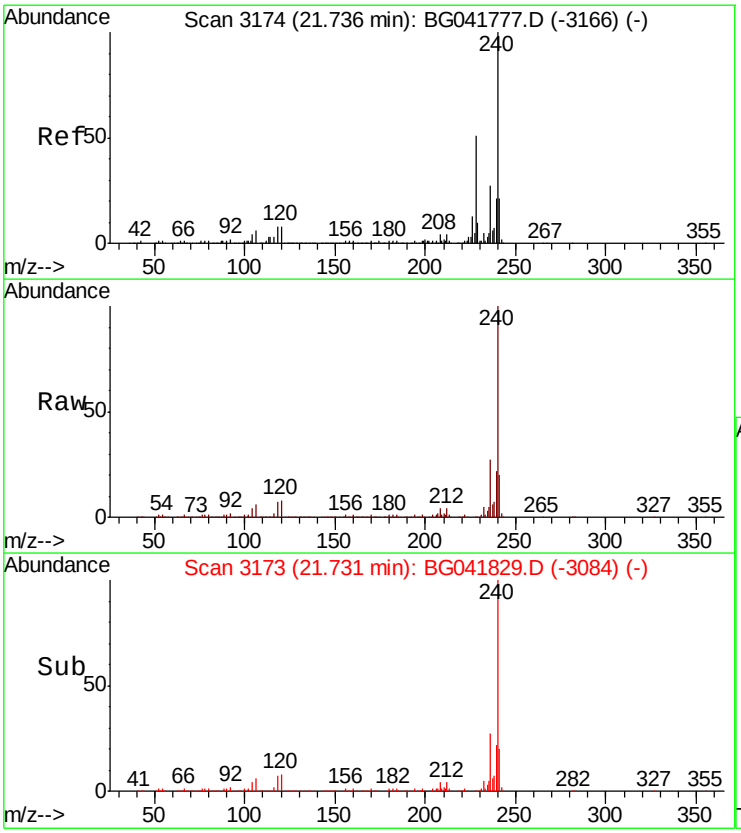
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Instrument :
BNA_G
ClientSampleId :
PB121812BL

Tgt Ion:188 Resp: 706769

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.5	8.0	12.0

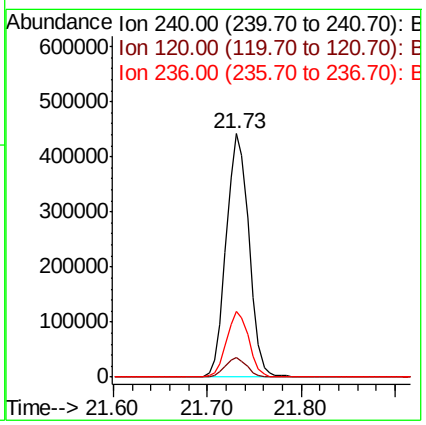


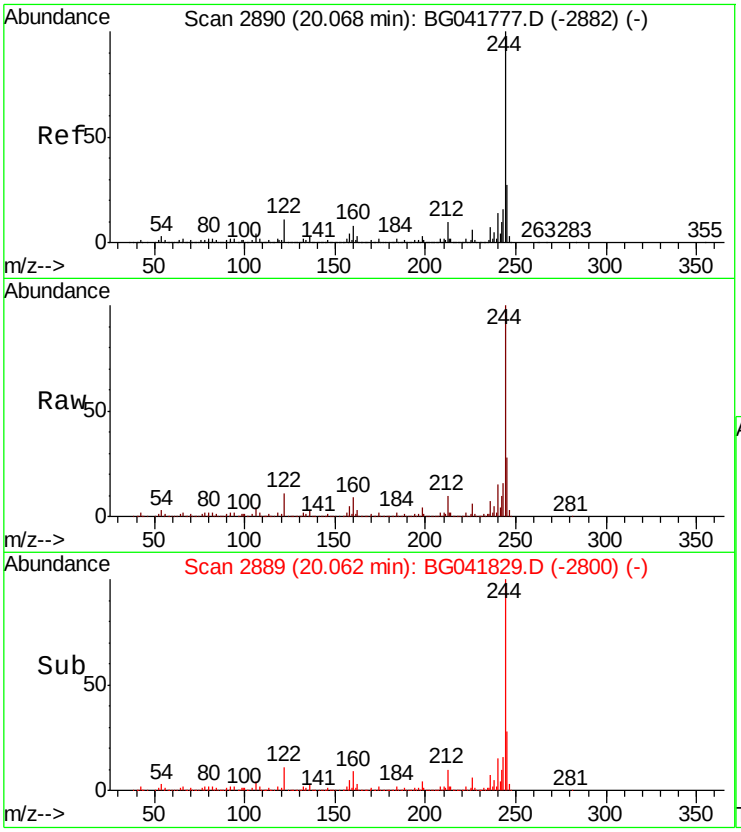


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Tgt Ion:240 Resp: 741806

Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.0	12.0#
236	27.1	22.6	33.8



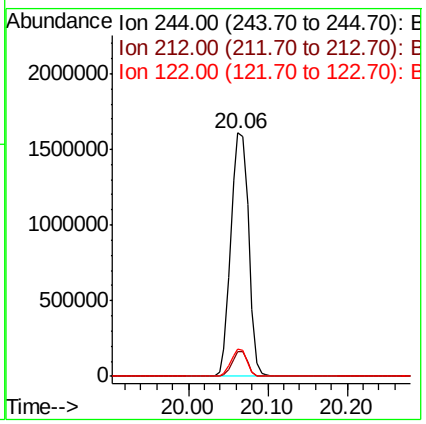


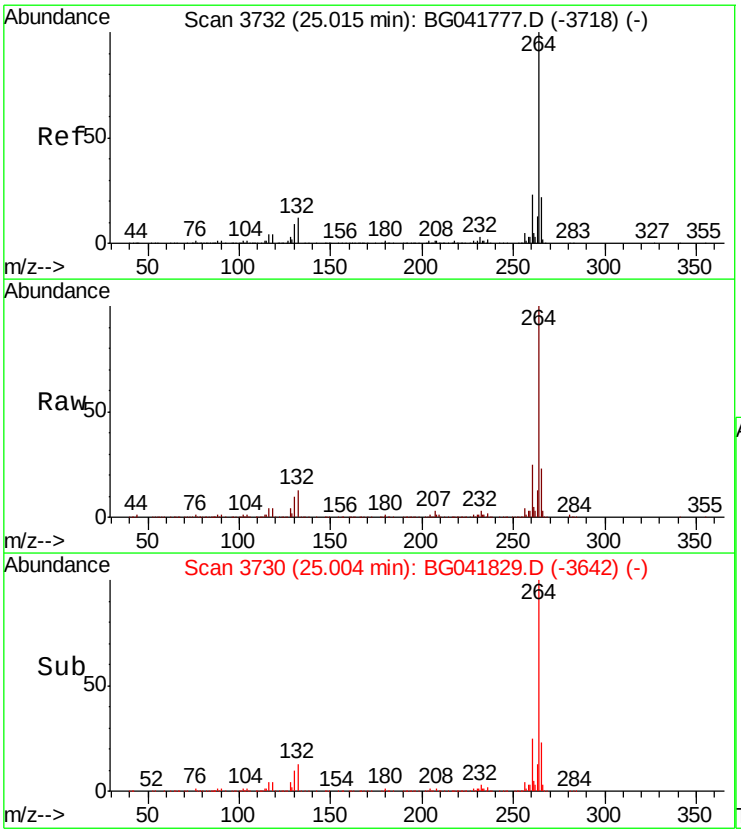
#79
Terphenyl-d14
Concen: 77.100 ng
RT: 20.06 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Instrument :
BNA_G
ClientSampleId :
PB121812BL

Tgt Ion:244 Resp: 2499406

Ion	Ratio	Lower	Upper
244	100		
212	10.3	9.7	14.5
122	11.5	12.5	18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041829.D
Acq: 31 Jul 2019 10:54

Tgt Ion:264 Resp: 829932

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.9	18.0	27.0