Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
Data File : BG044596.D
Acq On : 26 Feb 2020 3:51
Operator : CG/JU
Sample : PB127049BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127049BL

Quant Time: Feb 26 06:15:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	61916	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	240117	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	159442	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	382638	20.00	ng	0.00
76) Chrysene-d12	21.50	240	390362	20.00	ng	0.00
87) Perylene-d12	24.56	264	405075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	226751	58.76	ng	0.00
7) Phenol-d6	7.05	99	165751	31.38	ng	0.00
23) Nitrobenzene-d5	9.03	82	441826	94.80	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	326214	144.29	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1061834	95.37	ng	0.00
79) Terphenyl-d14	19.88	244	1833098	88.90	ng	0.00
Target Compounds						Qvalue

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

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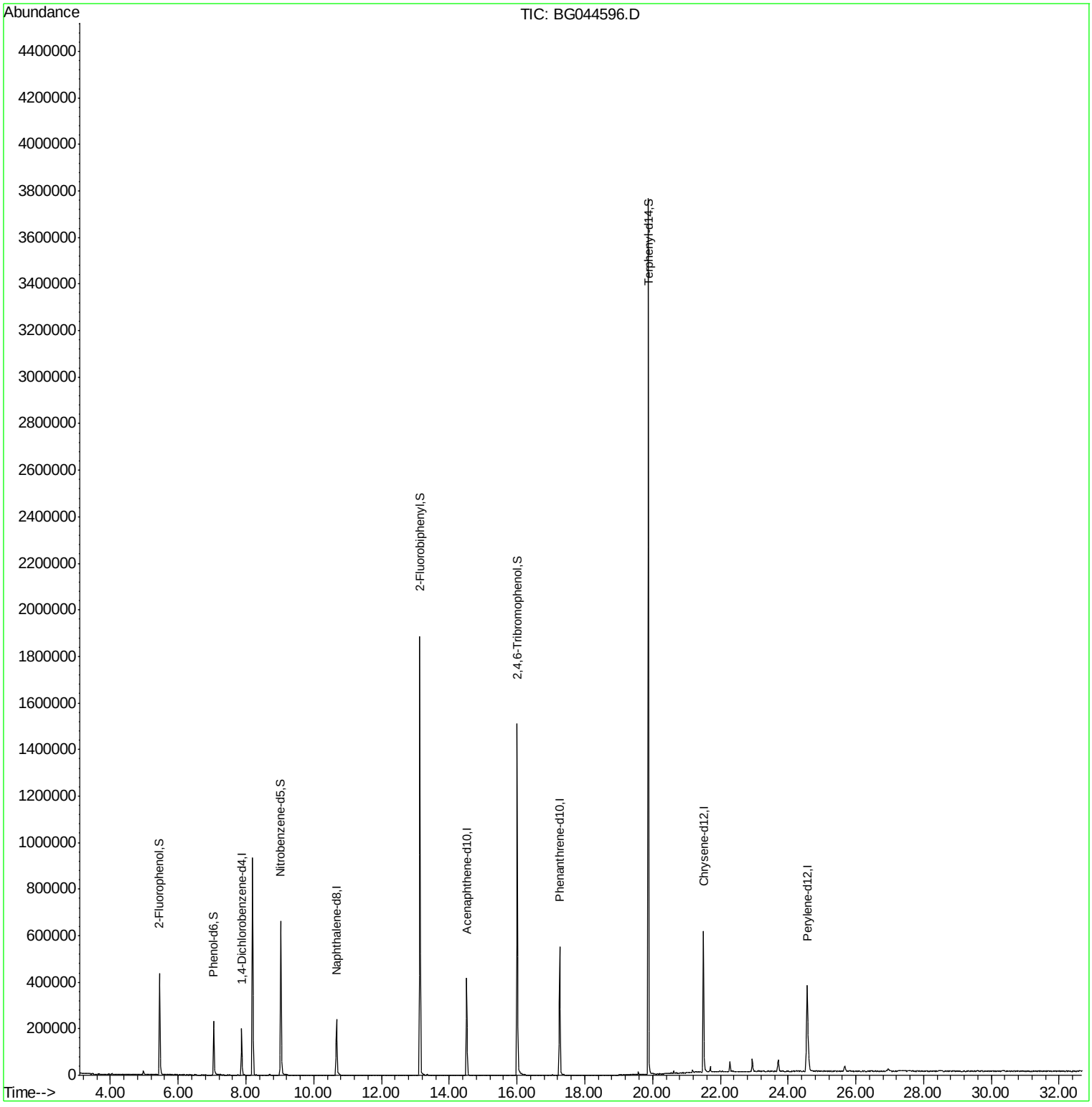
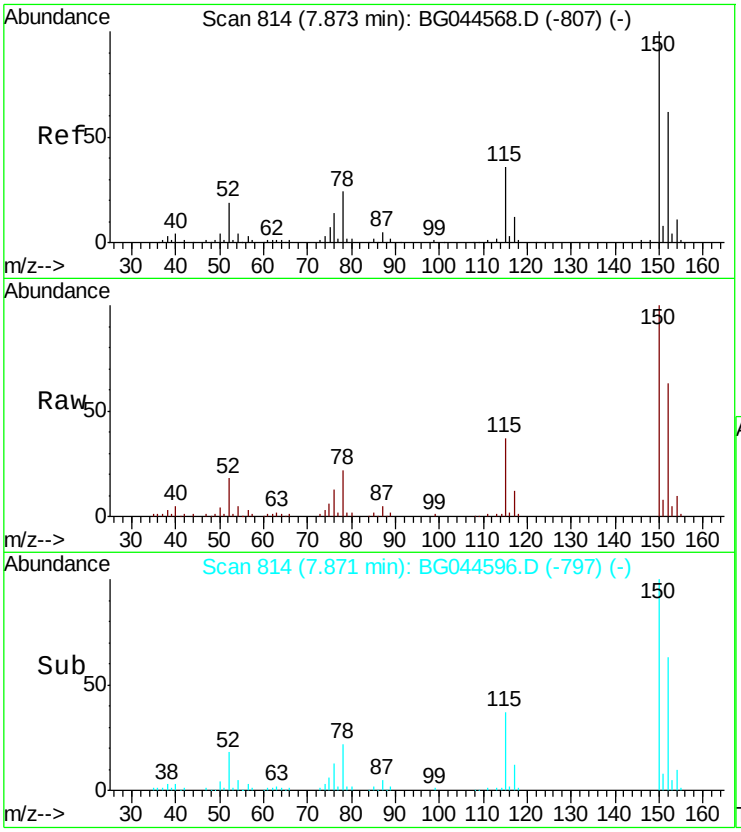


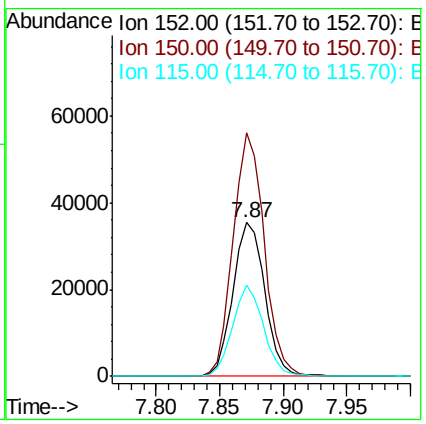


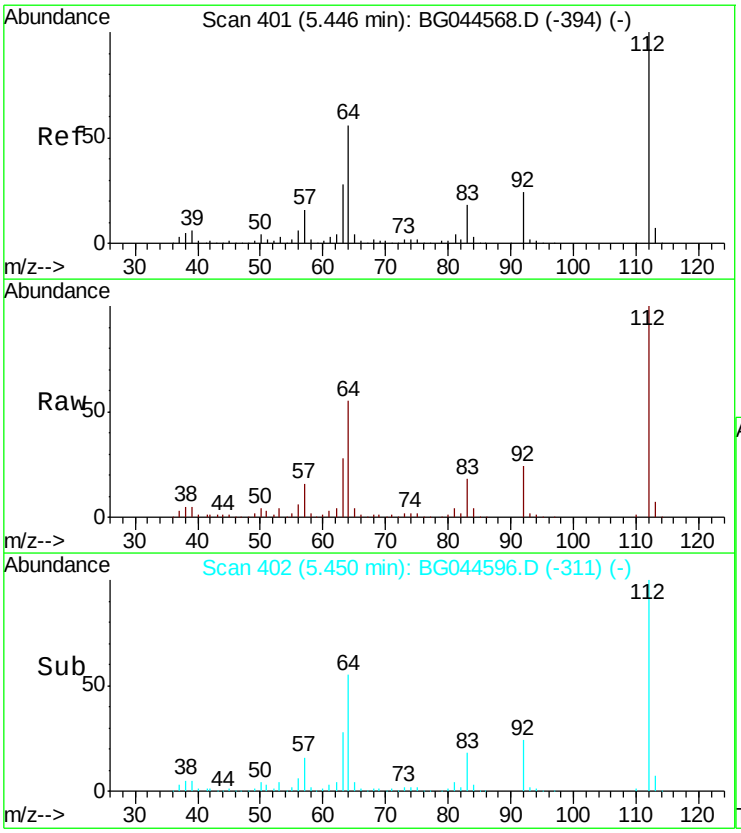
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Instrument :
BNA_G
ClientSampleId :
PB127049BL

Tgt Ion:152 Resp: 61916

Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.9	193.3
115	59.1	47.0	70.4

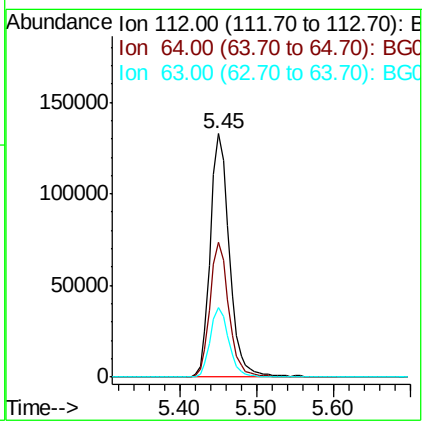


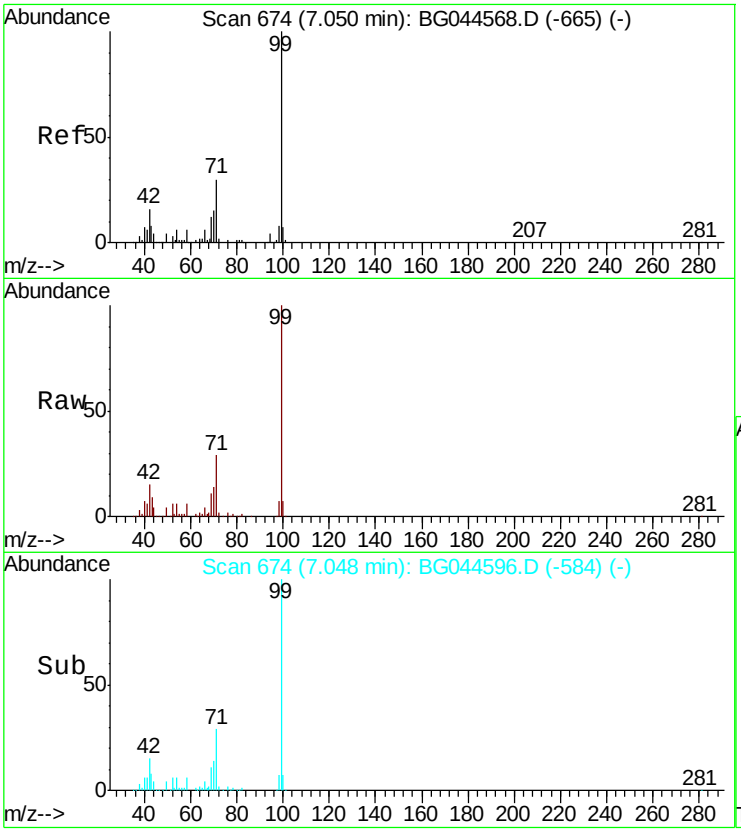


#5
2-Fluorophenol
Concen: 58.759 ng
RT: 5.45 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Tgt Ion:112 Resp: 226751

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.8	67.2
63	28.3	22.3	33.5



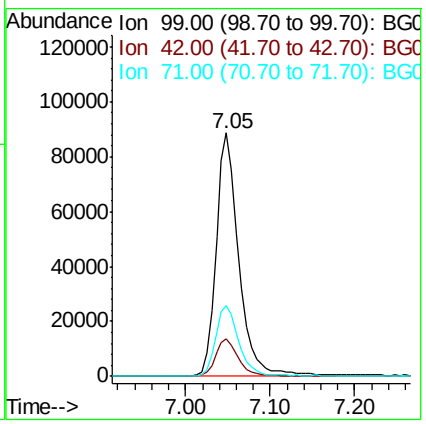


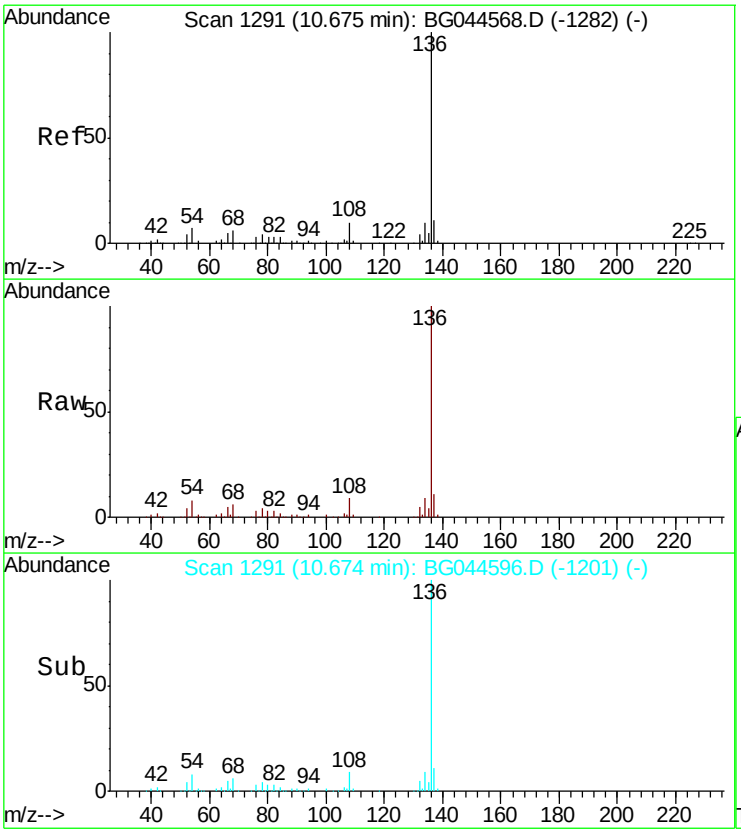
#7
Phenol-d6
Concen: 31.379 ng
RT: 7.05 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Instrument :
BNA_G
ClientSampleId :
PB127049BL

Tgt Ion: 99 Resp: 165751

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.8	19.2
71	29.3	24.4	36.6

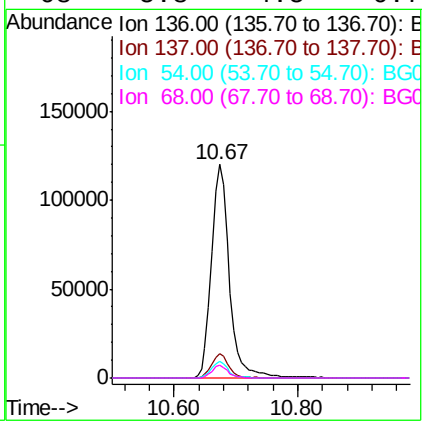


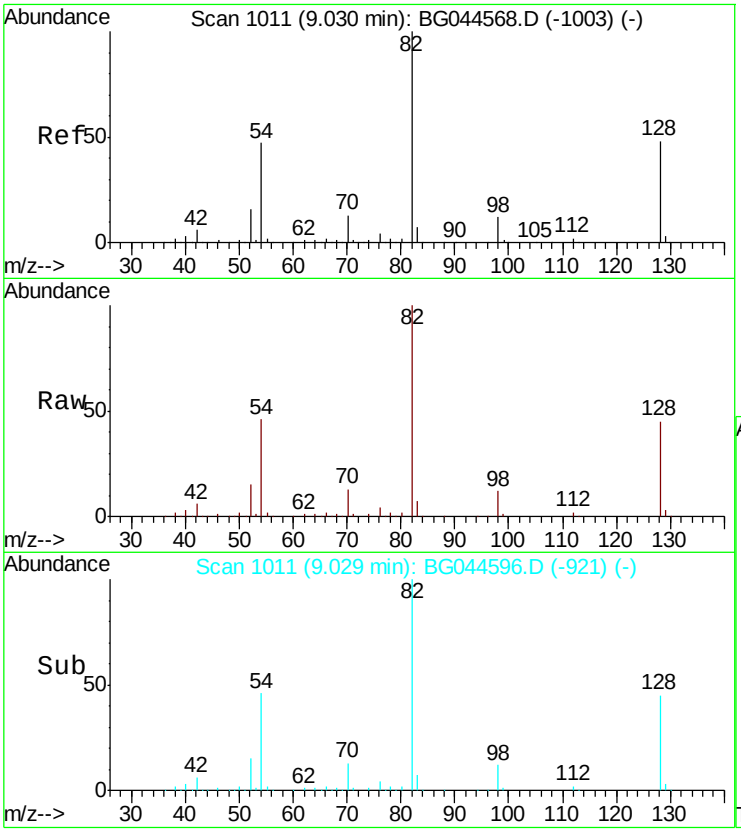


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Tgt Ion:136 Resp: 240117

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.7	5.7	8.5
68	5.8	4.5	6.7



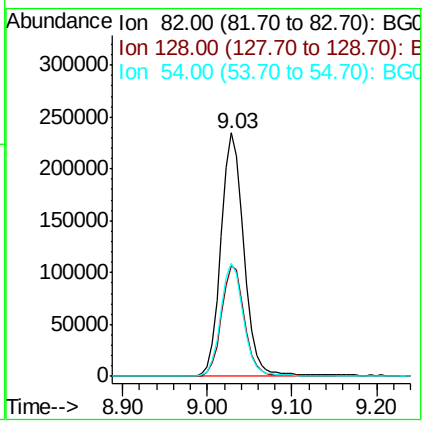


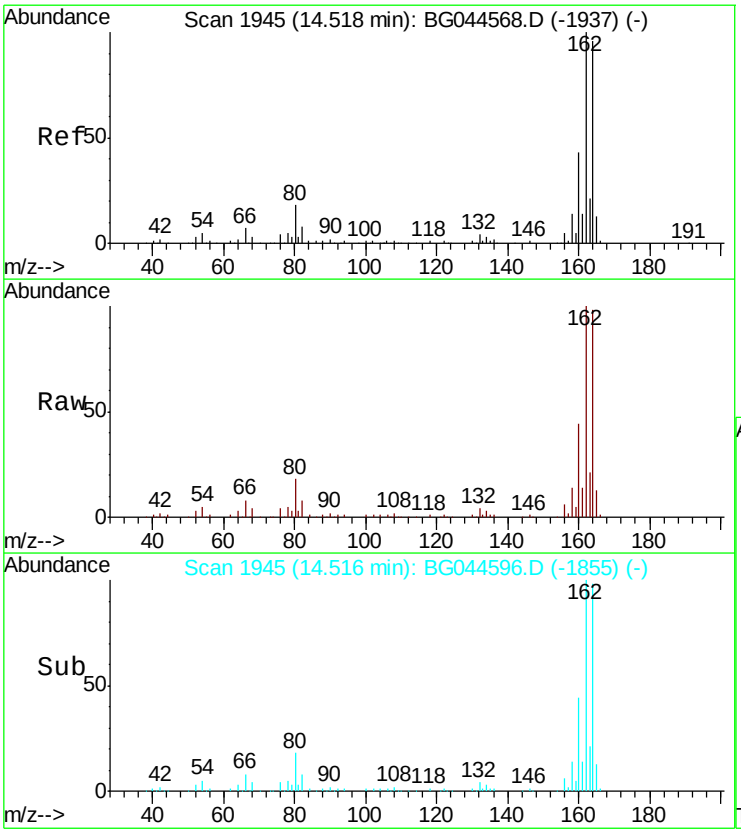
#23
Nitrobenzene-d5
Concen: 94.796 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Instrument :
BNA_G
ClientSampleId :
PB127049BL

Tgt Ion: 82 Resp: 441826

Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.1	57.1
54	46.5	37.5	56.3

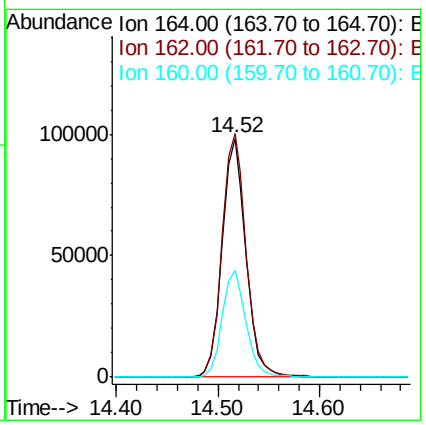


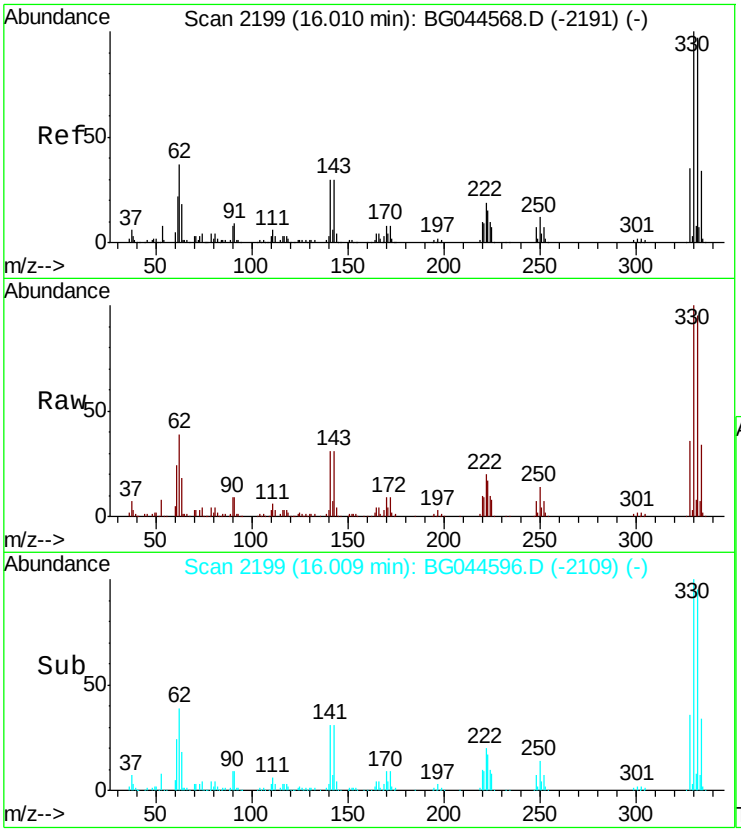


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Tgt Ion:164 Resp: 159442

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.6	125.4
160	44.7	36.2	54.4



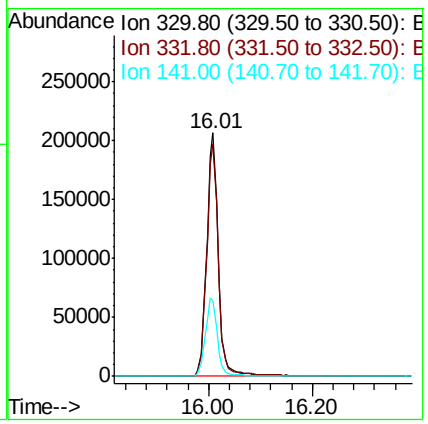


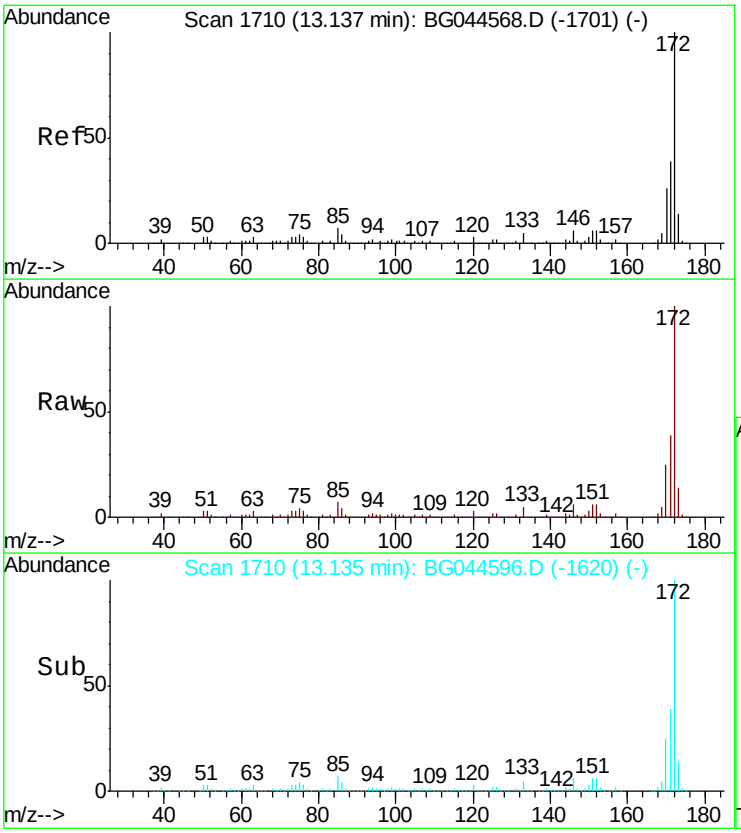
#42
2,4,6-Tribromophenol
Concen: 144.294 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Instrument :
BNA_G
ClientSampleId :
PB127049BL

Tgt Ion:330 Resp: 326214

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.0
141	32.8	26.1	39.1

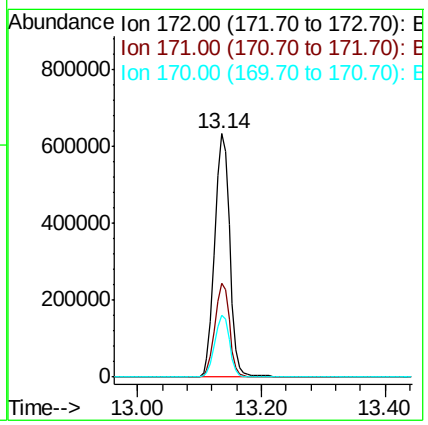


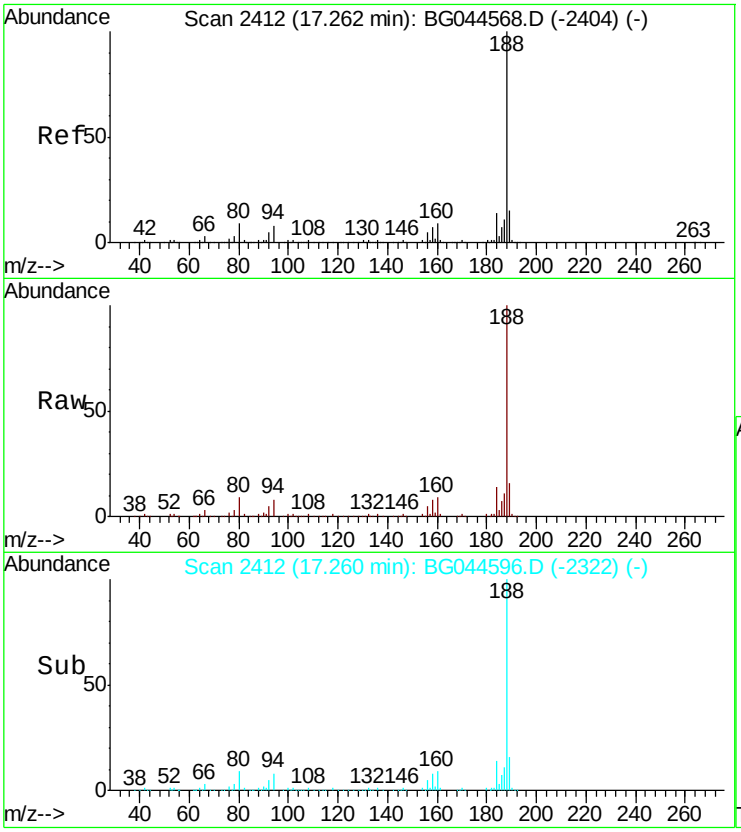


#45
2-Fluorobiphenyl
Concen: 95.366 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Tgt Ion:172 Resp: 1061834

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.4	21.0	31.4



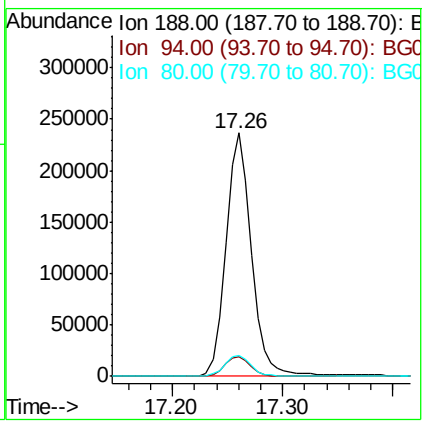


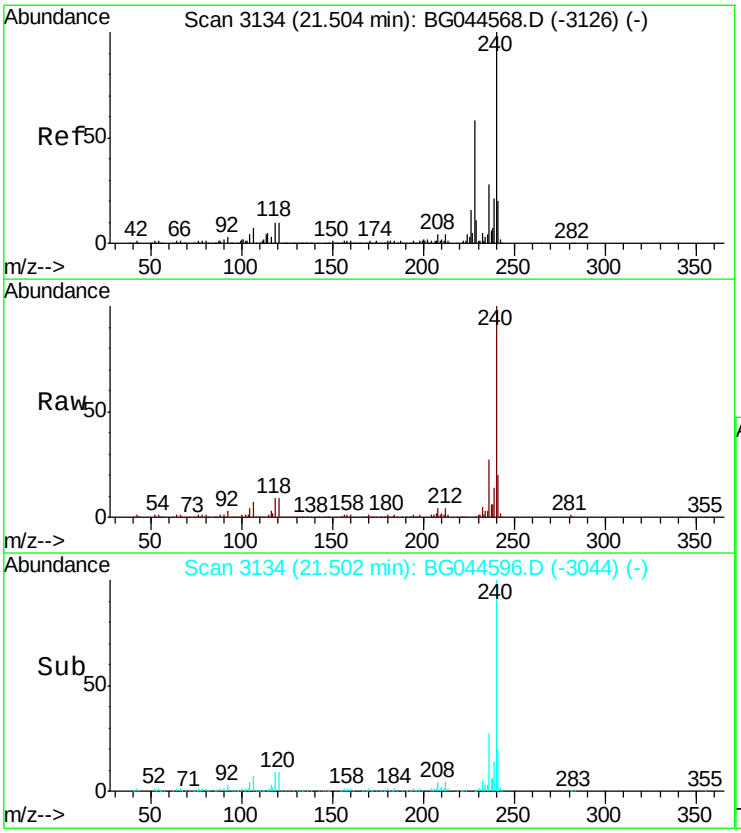
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Instrument :
BNA_G
ClientSampleId :
PB127049BL

Tgt Ion:188 Resp: 382638

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.7	7.6	11.4

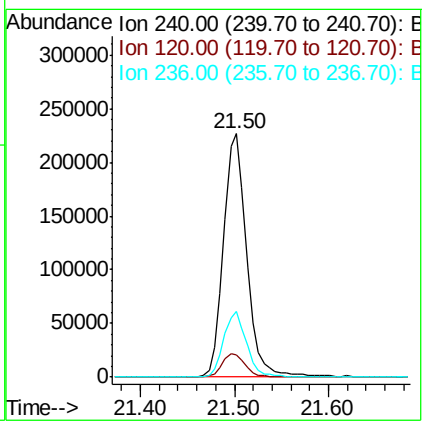


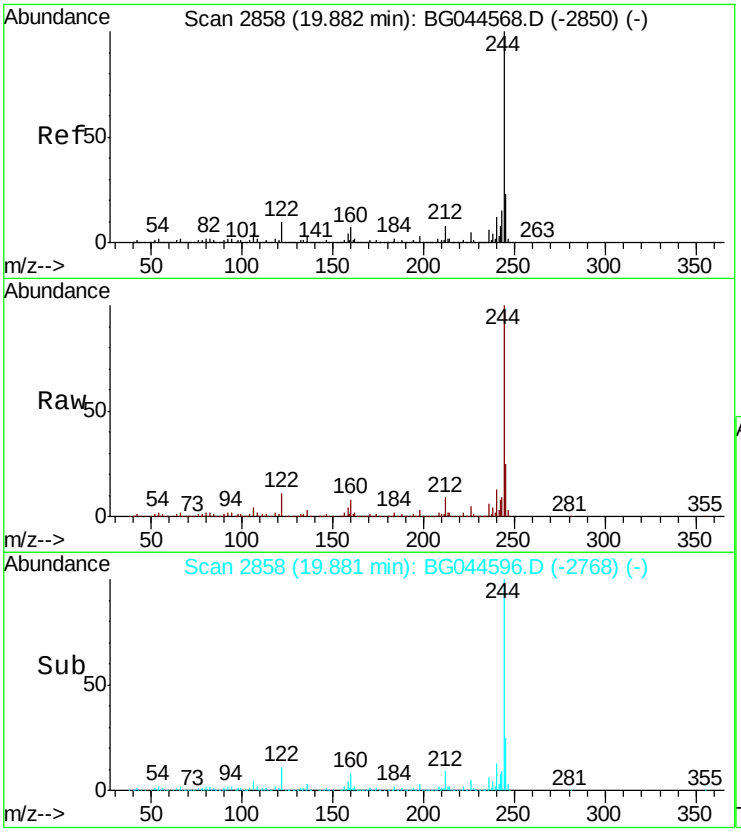


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Tgt Ion:240 Resp: 390362

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	26.8	22.3	33.5



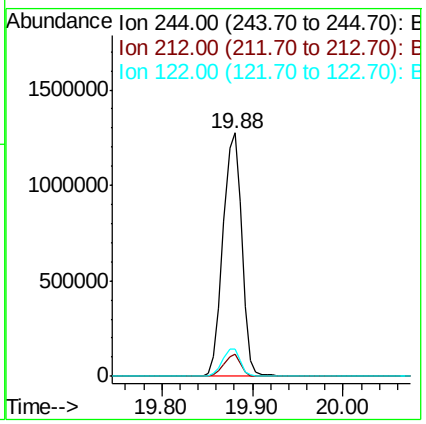


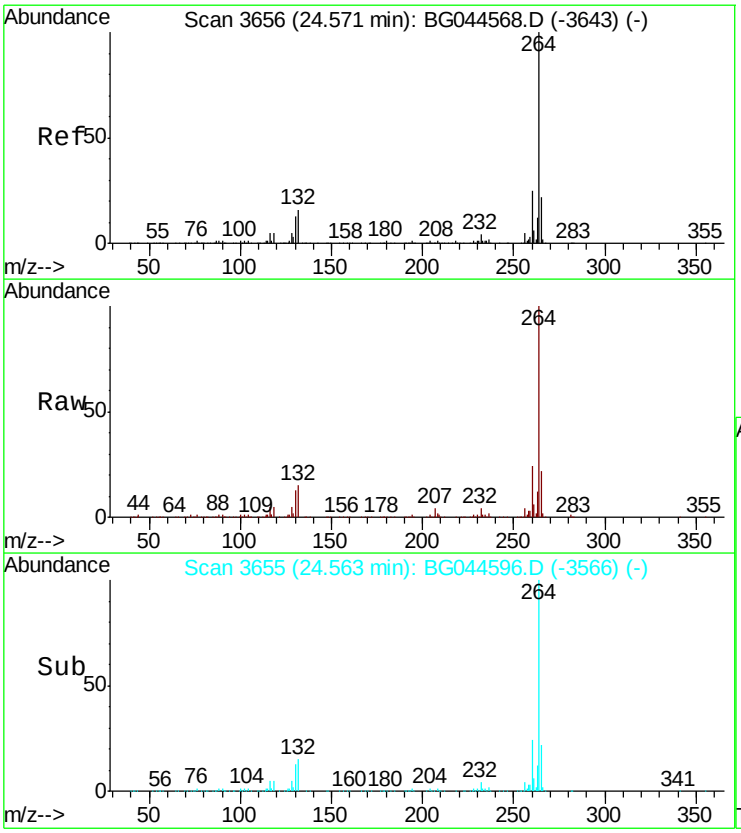
#79
Terphenyl-d14
Concen: 88.896 ng
RT: 19.88 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Instrument : BNA_G
ClientSampleId : PB127049BL

Tgt Ion:244 Resp: 1833098

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	11.5	8.2	12.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044596.D
Acq: 26 Feb 2020 3:51

Tgt Ion:264 Resp: 405075

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	22.3	17.8	26.8