Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043759.D
Acq On : 23 Nov 2019 17:02
Operator : JU
Sample : K5668-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-112119

Quant Time: Nov 25 03:02:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32734	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	158205	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	145064	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	484205	20.00	ng	0.00
76) Chrysene-d12	21.66	240	667168	20.00	ng	0.00
87) Perylene-d12	24.84	264	594399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	303935	166.92	ng	0.00
7) Phenol-d6	7.18	99	473846	179.02	ng	0.00
23) Nitrobenzene-d5	9.18	82	244461	84.96	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	306830	175.36	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	719379	81.52	ng	0.00
79) Terphenyl-d14	20.01	244	2307202	78.14	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.20	94	11067	4.073	ng	# 78
50) Dimethylphthalate	14.10	163	196377	17.089	ng	98

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

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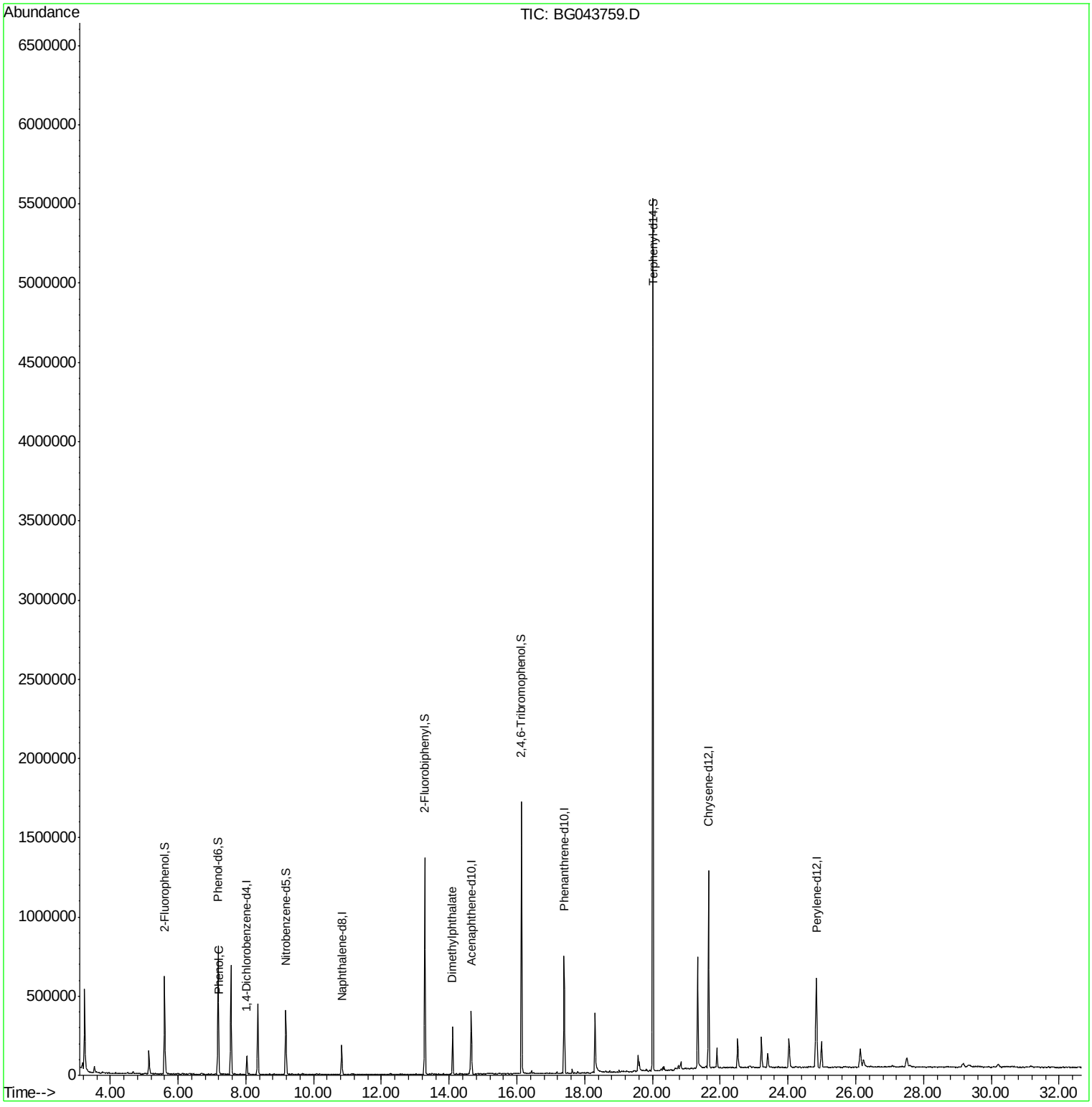
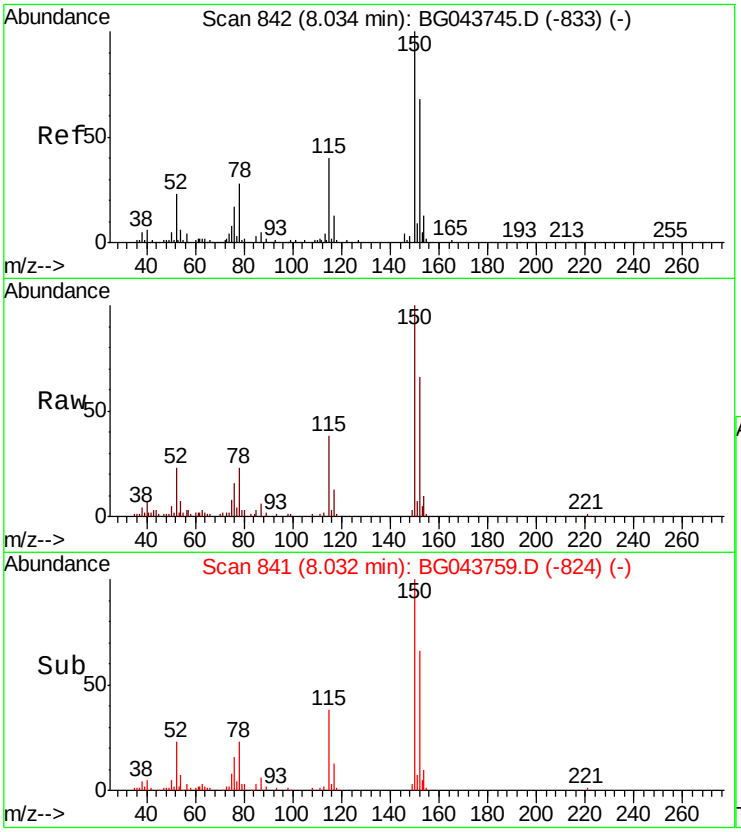


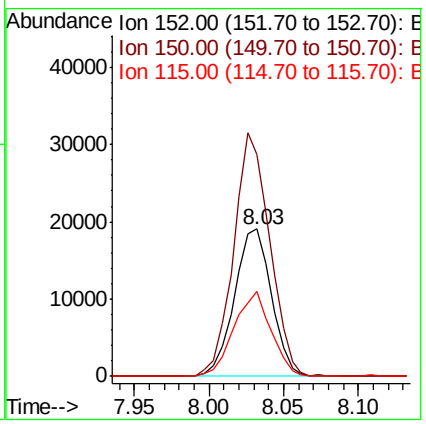


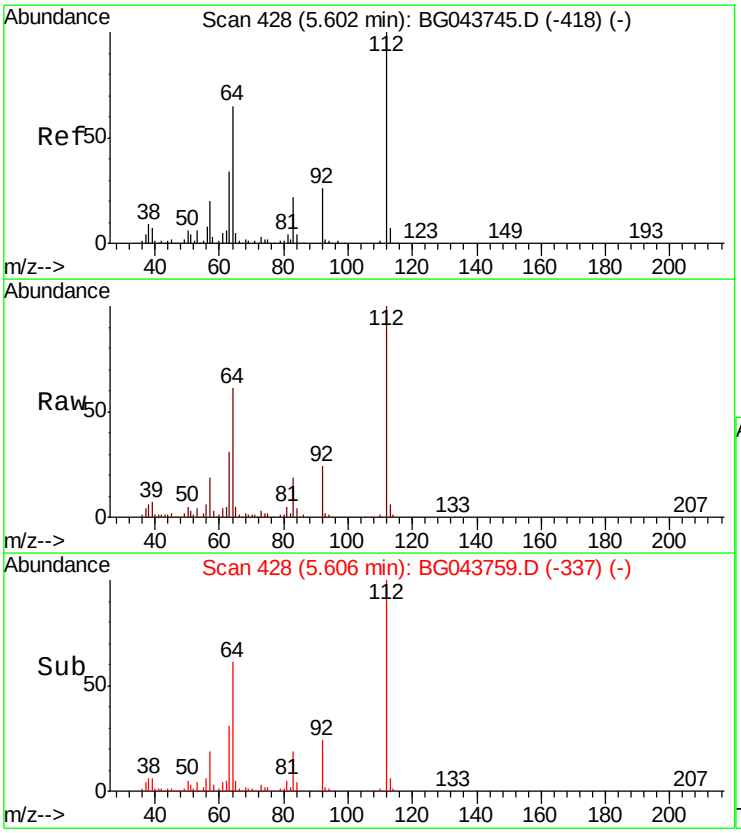
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:152 Resp: 32734

Ion	Ratio	Lower	Upper
152	100		
150	151.0	117.8	176.8
115	57.3	47.0	70.4

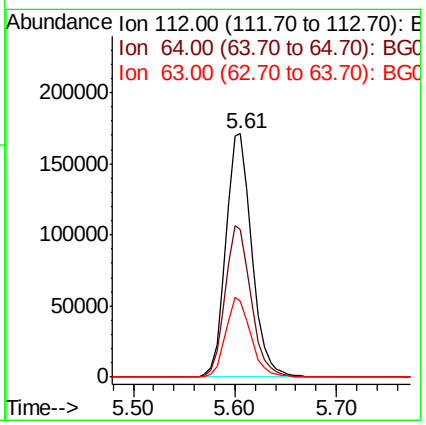


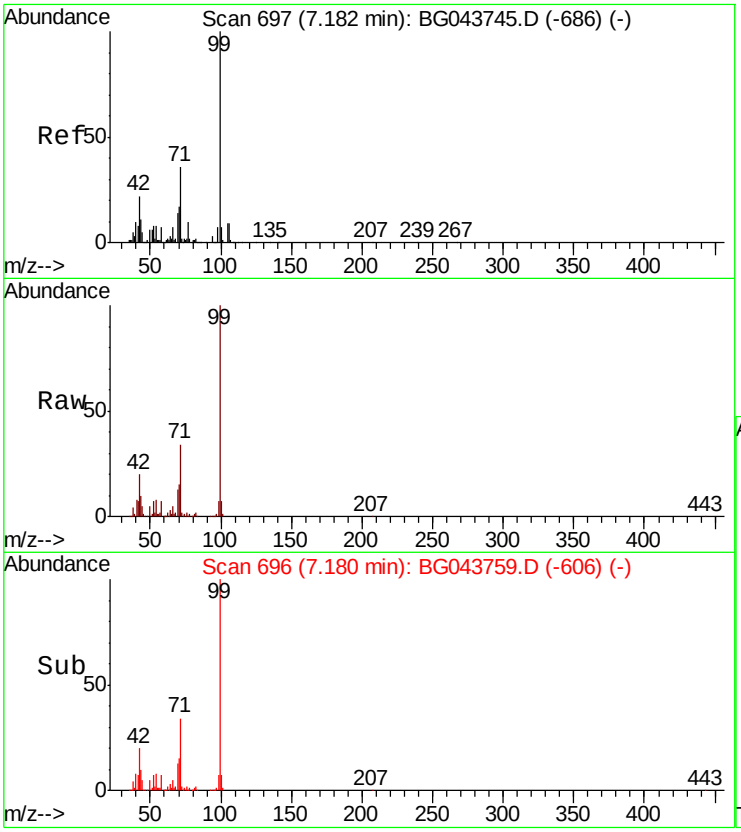


#5
2-Fluorophenol
Concen: 166.924 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Tgt Ion:112 Resp: 303935

Ion	Ratio	Lower	Upper
112	100		
64	60.6	51.7	77.5
63	31.2	26.8	40.2



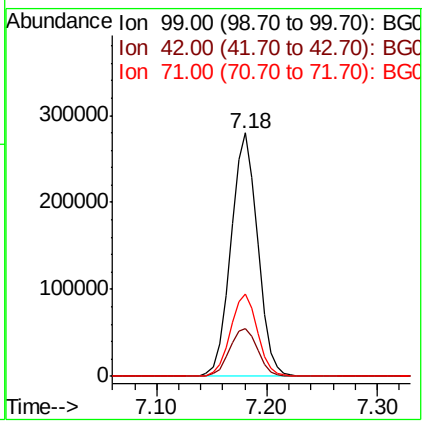


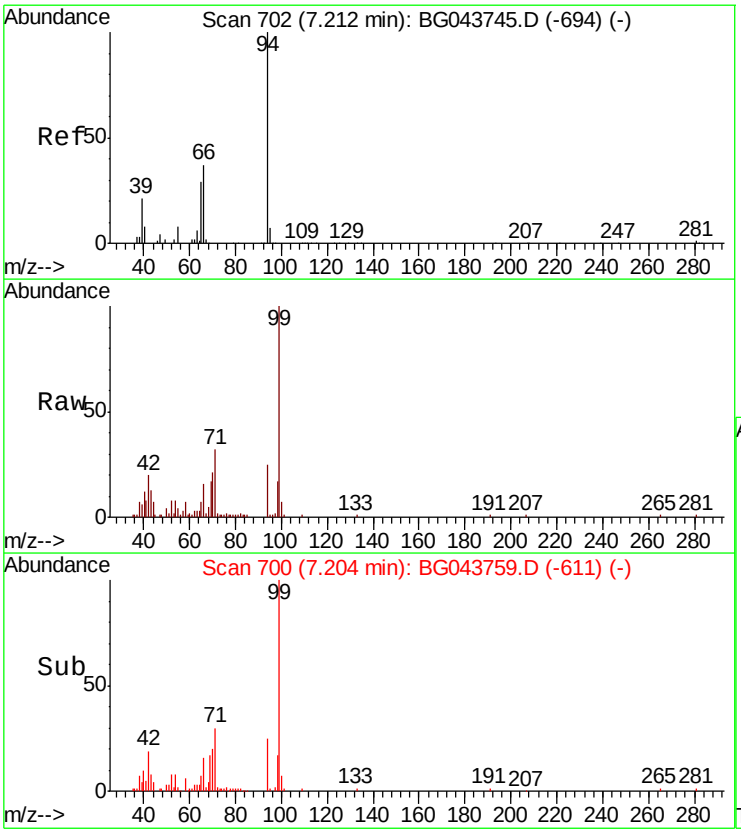
#7
Phenol-d6
Concen: 179.023 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion: 99 Resp: 473846

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.4	26.0
71	33.8	29.5	44.3

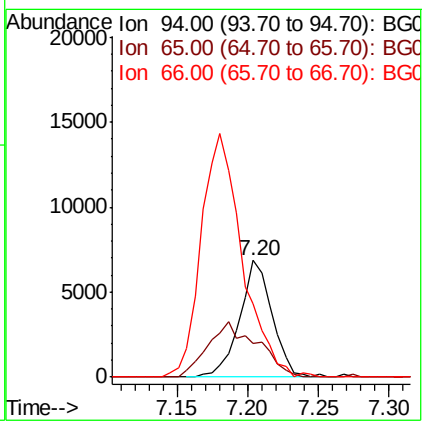


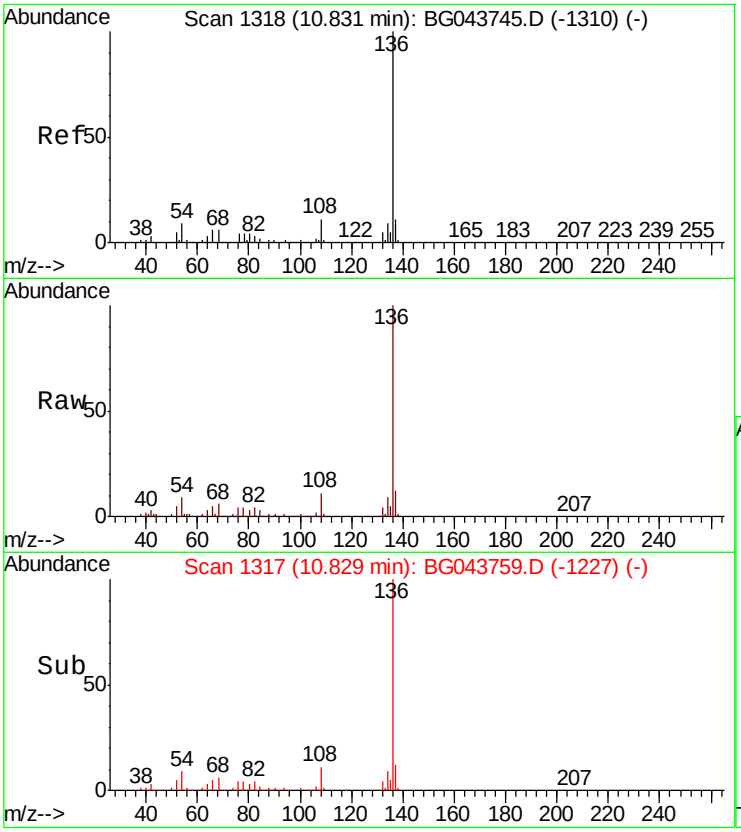


#10
Phenol
Concen: 4.073 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Tgt Ion: 94 Resp: 11067

Ion	Ratio	Lower	Upper
94	100		
65	28.8	10.3	50.3
66	62.6	20.5	60.5#



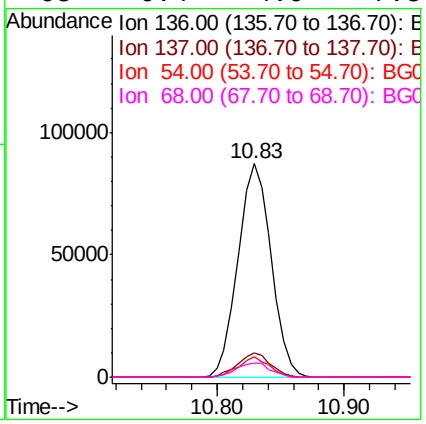


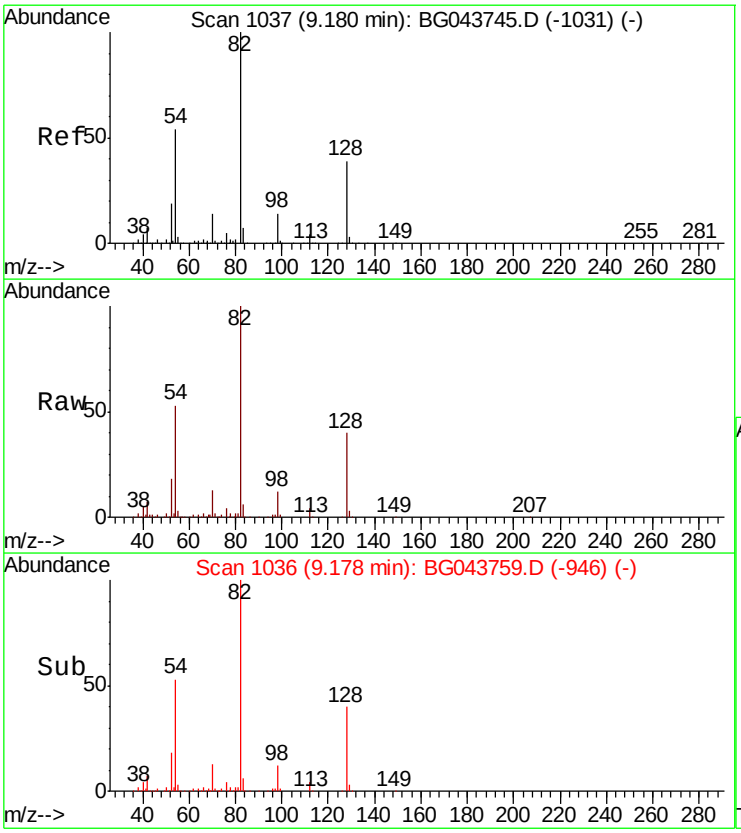
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:136 Resp: 158205

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	9.4	7.5	11.3
68	6.4	4.9	7.3

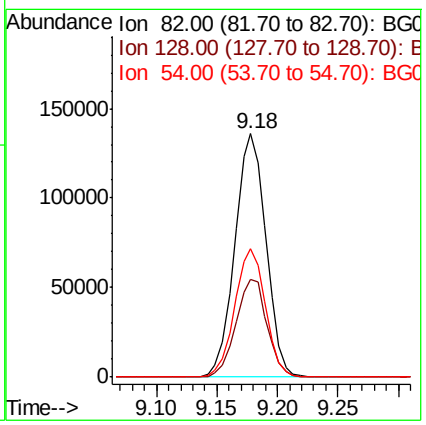


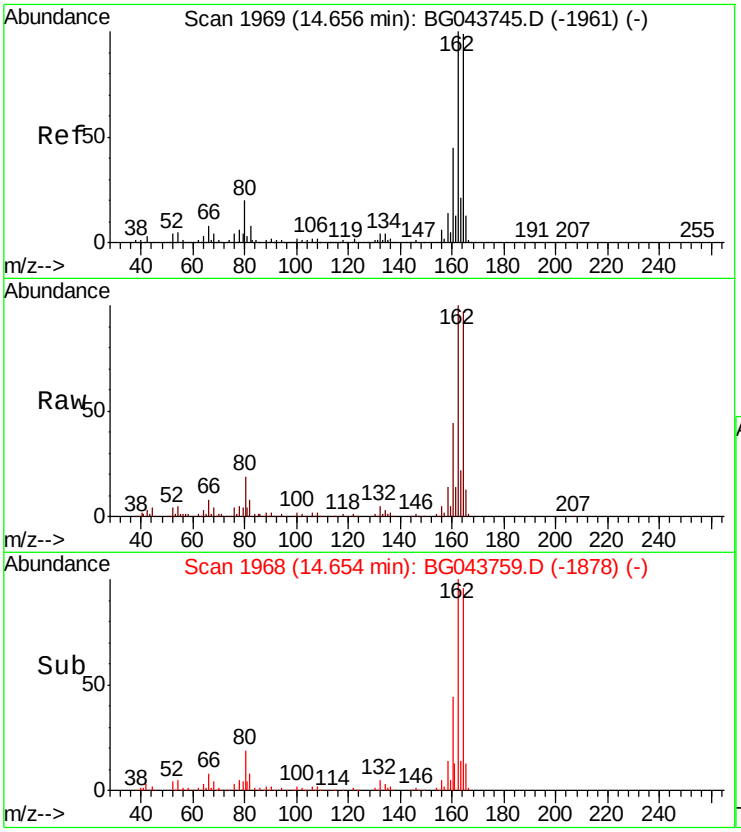


#23
Nitrobenzene-d5
Concen: 84.960 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Tgt Ion: 82 Resp: 244461

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.3	46.9
54	52.8	42.7	64.1



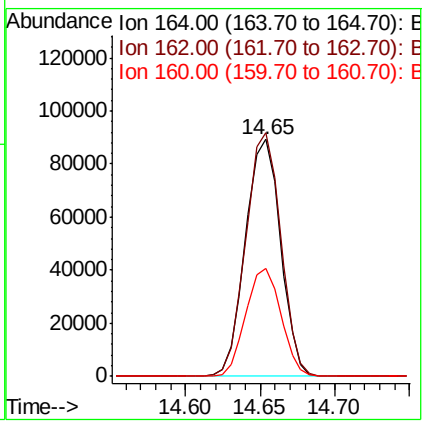


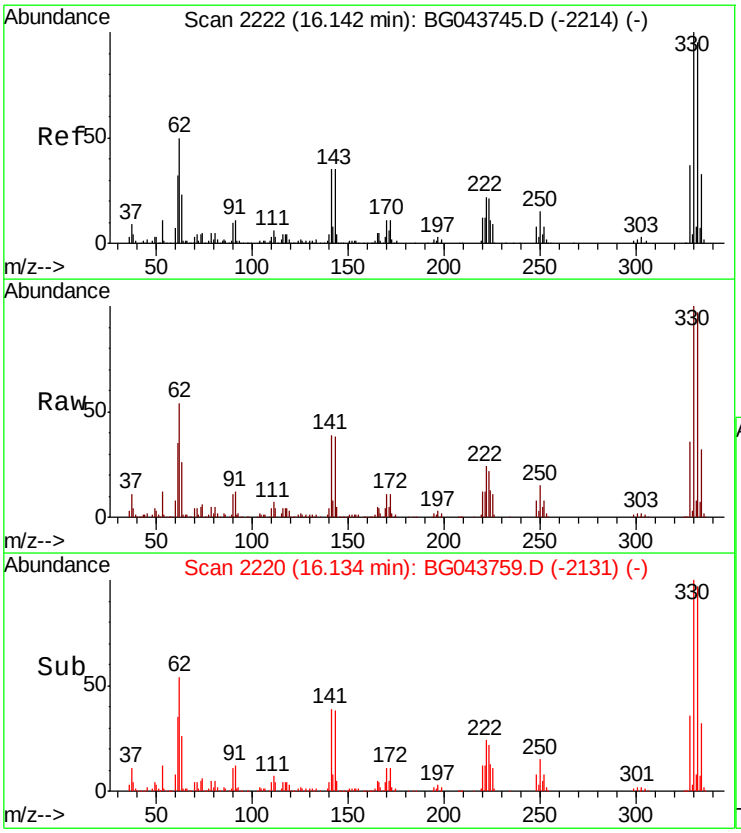
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:164 Resp: 145064

Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.6	121.0
160	45.5	36.3	54.5

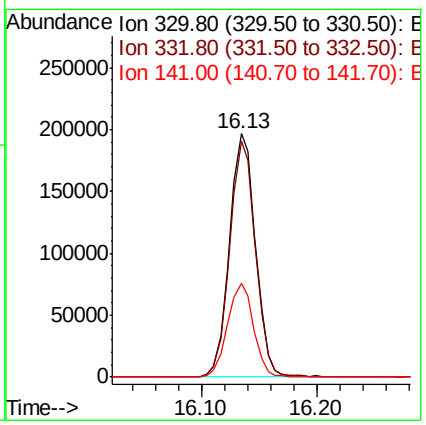


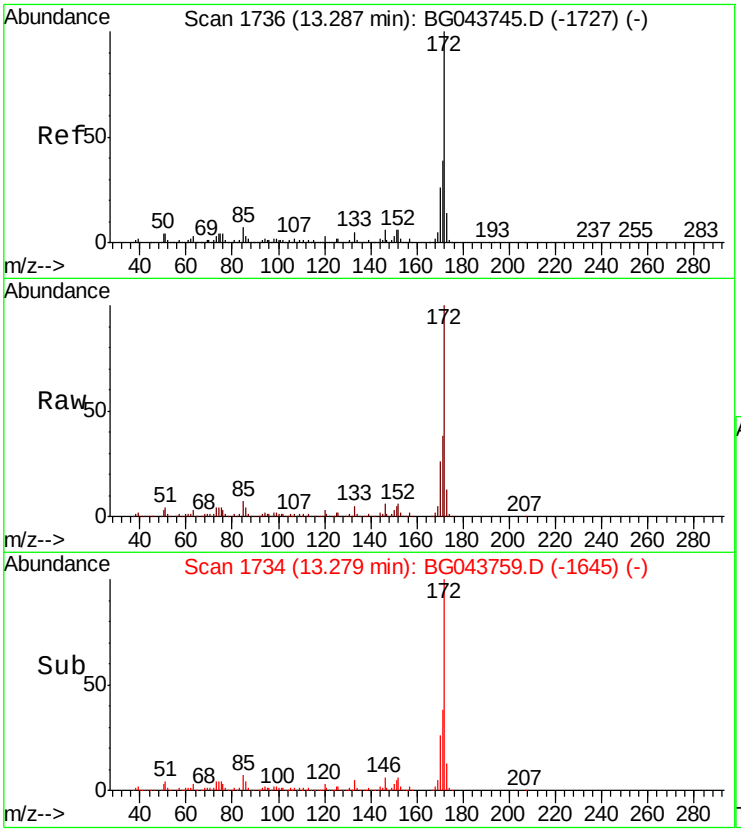


#42
2,4,6-Tribromophenol
Concen: 175.362 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Tgt Ion:330 Resp: 306830

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	38.4	31.4	47.2



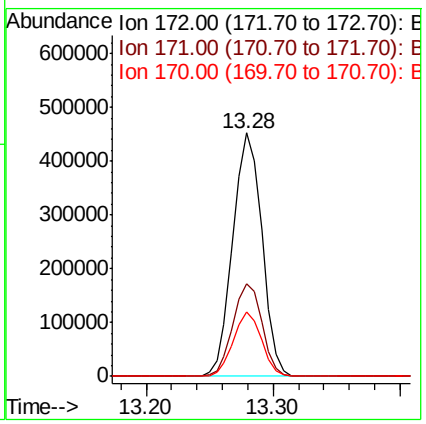


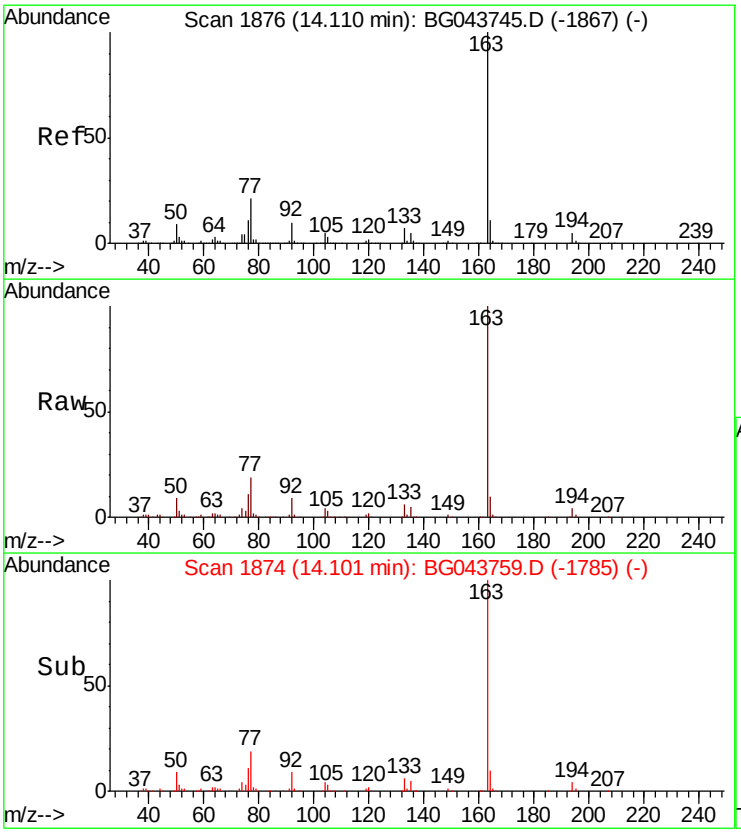
#45
2-Fluorobiphenyl
Concen: 81.516 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:172 Resp: 719379

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.6
170	26.3	21.0	31.4

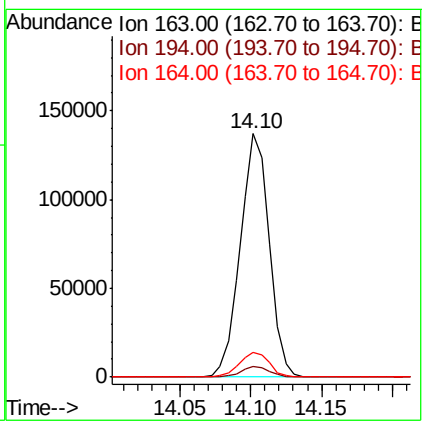


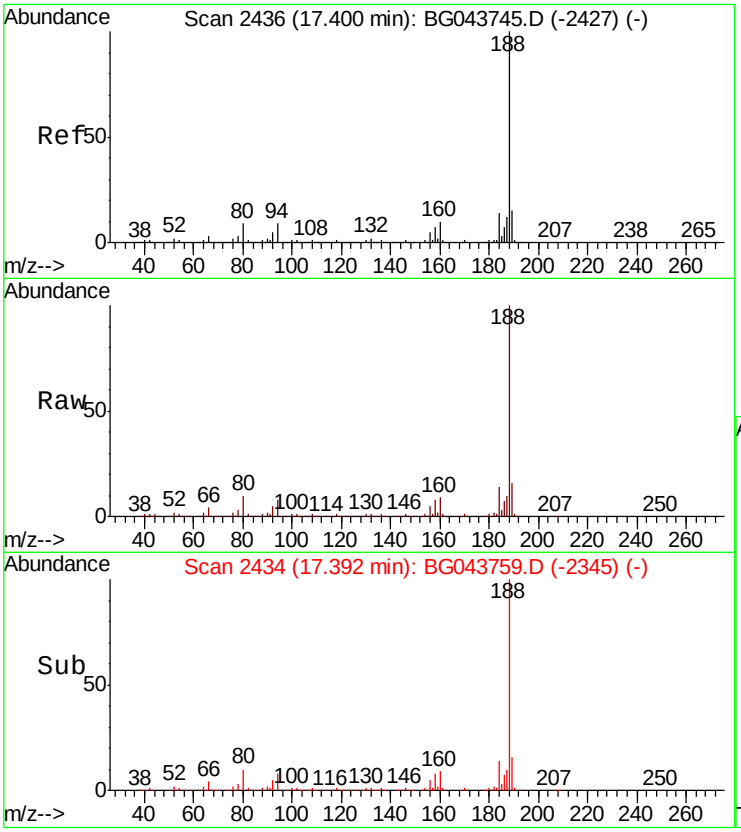


#50
Dimethylphthalate
Concen: 17.089 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Tgt Ion:163 Resp: 196377

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.2	8.7	13.1



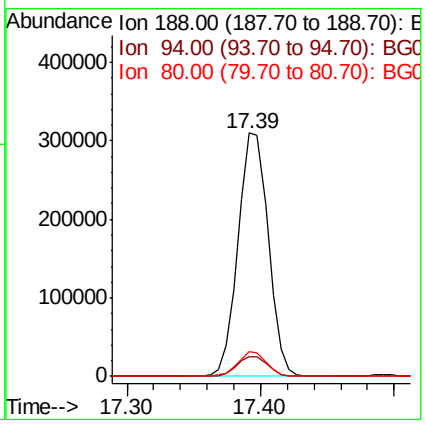


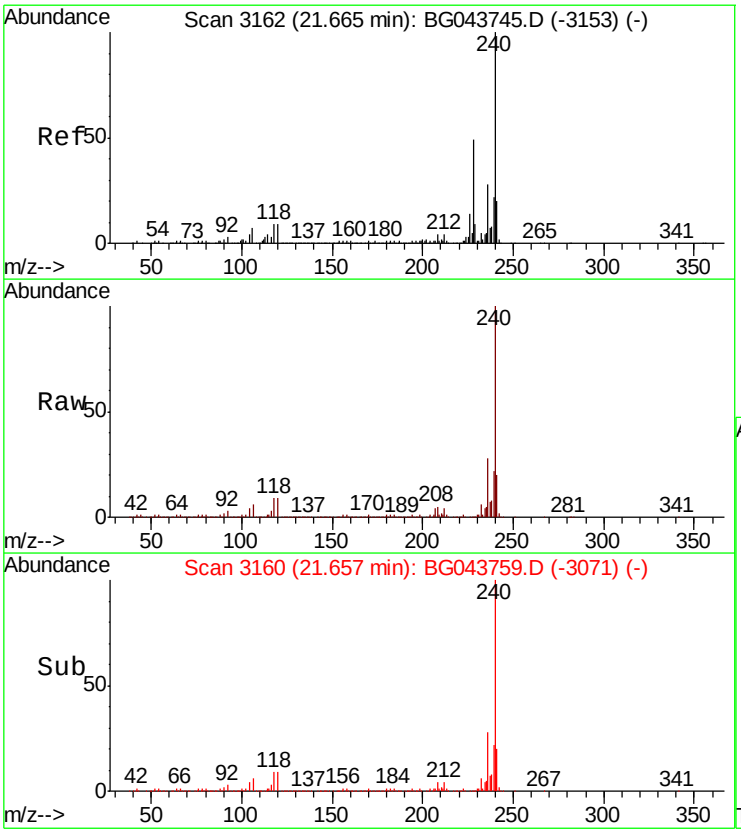
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:188 Resp: 484205

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	10.0	7.5	11.3

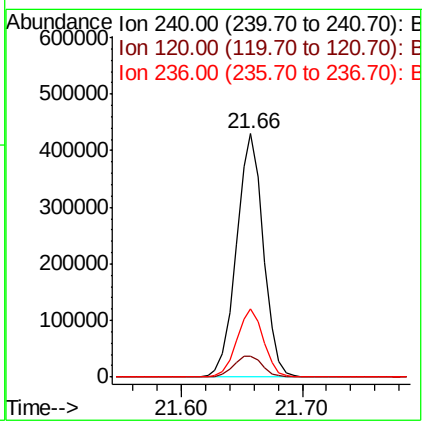


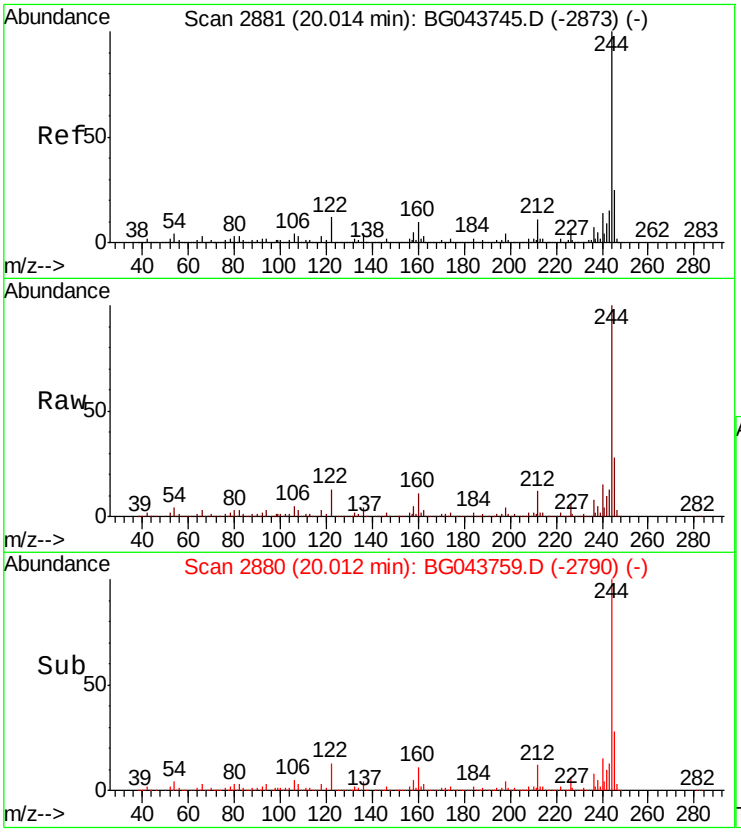


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Tgt Ion:240 Resp: 667168

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.5	11.3
236	27.9	22.6	34.0



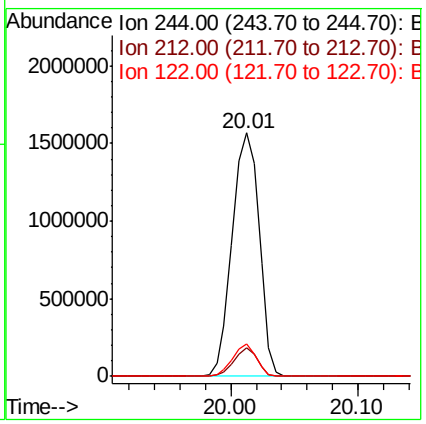


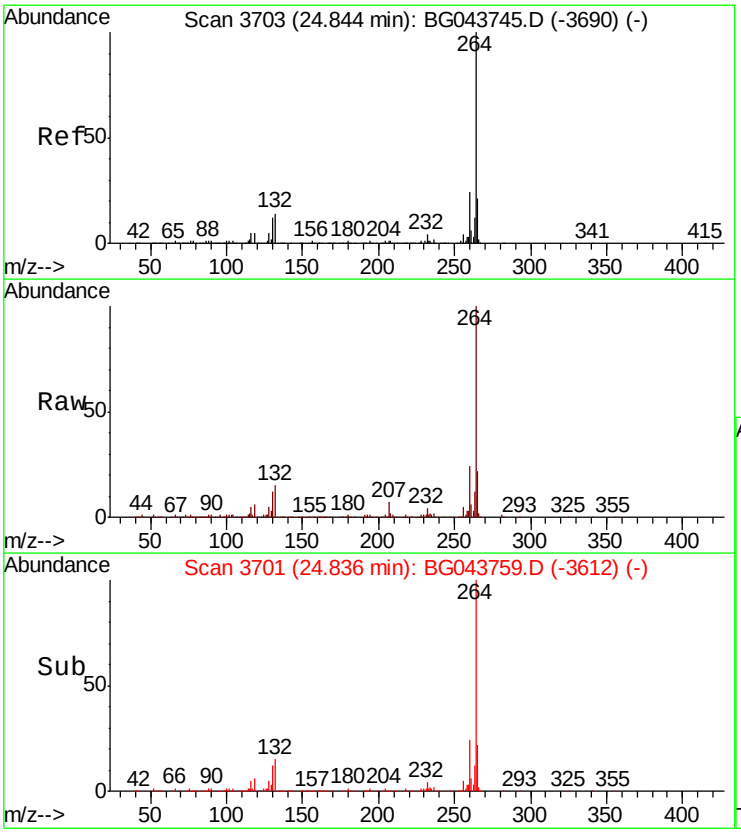
#79
Terphenyl-d14
Concen: 78.143 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Instrument :
BNA_G
ClientSampleId :
HD-01-112119

Tgt Ion:244 Resp: 2307202

Ion	Ratio	Lower	Upper
244	100		
212	11.6	8.5	12.7
122	13.4	9.5	14.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3701
Delta R.T. -0.01 min
Lab File: BG043759.D
Acq: 23 Nov 2019 17:02

Tgt Ion:264 Resp: 594399

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.4	17.0	25.6