Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
Data File : BG043785.D
Acq On : 27 Nov 2019 1:11
Operator : JU
Sample : K5672-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-02-112219

Quant Time: Nov 27 04:03:31 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	8.02	152	68096	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	322970	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	254278	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	754163	20.00	ng	0.00
76) Chrysene-d12	21.65	240	815845	20.00	ng	-0.02
87) Perylene-d12	24.82	264	779611	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	663232	175.10	ng	0.00
7) Phenol-d6	7.18	99	1000002	181.61	ng	0.00
23) Nitrobenzene-d5	9.18	82	533092	90.75	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	458145	149.38	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1312110	84.82	ng	0.00
79) Terphenyl-d14	20.00	244	2974476	82.38	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.10	163	61073	3.032	ng	# 96
77) Benzidine	19.61	184	797885	33.480	ng	99

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

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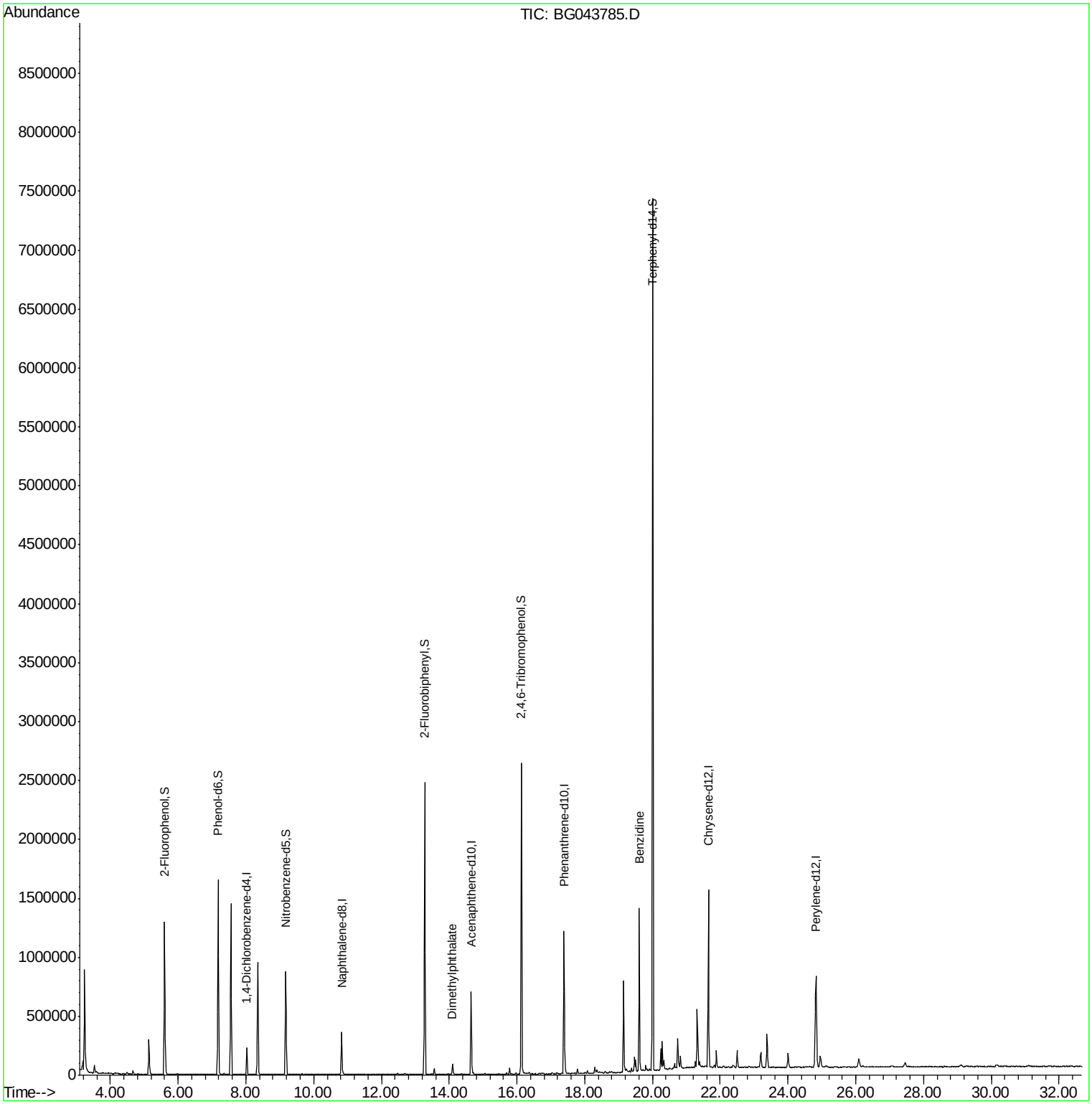
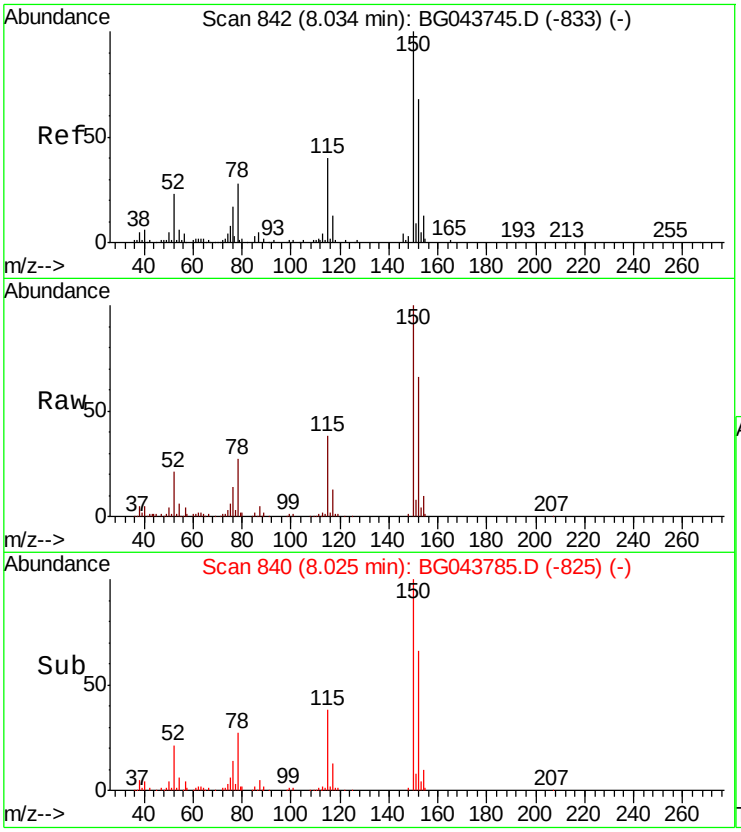


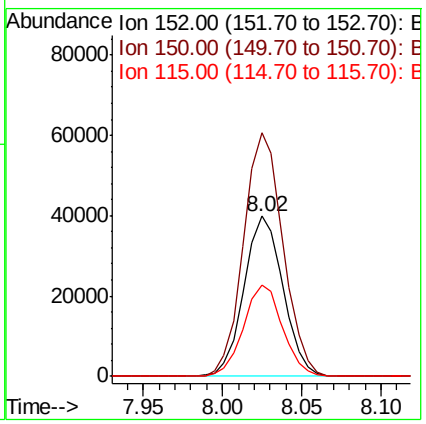


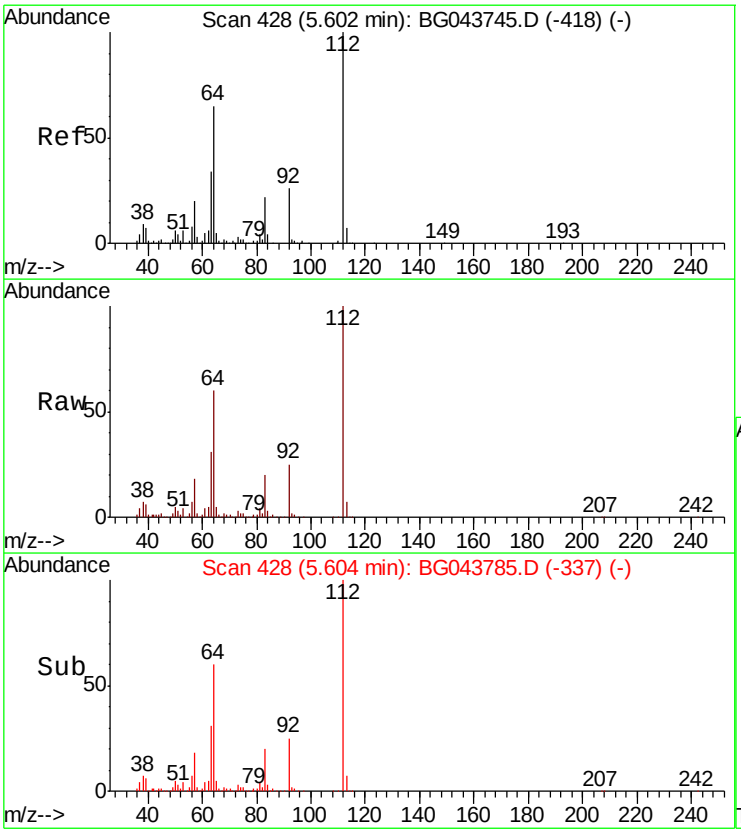
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Instrument :
BNA_G
ClientSampleId :
EO-02-112219

Tgt Ion:152 Resp: 68096

Ion	Ratio	Lower	Upper
152	100		
150	151.9	117.8	176.8
115	57.2	47.0	70.4

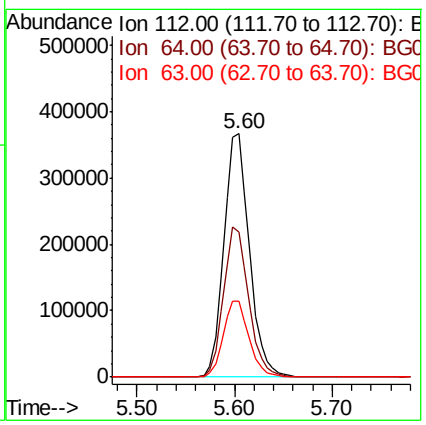


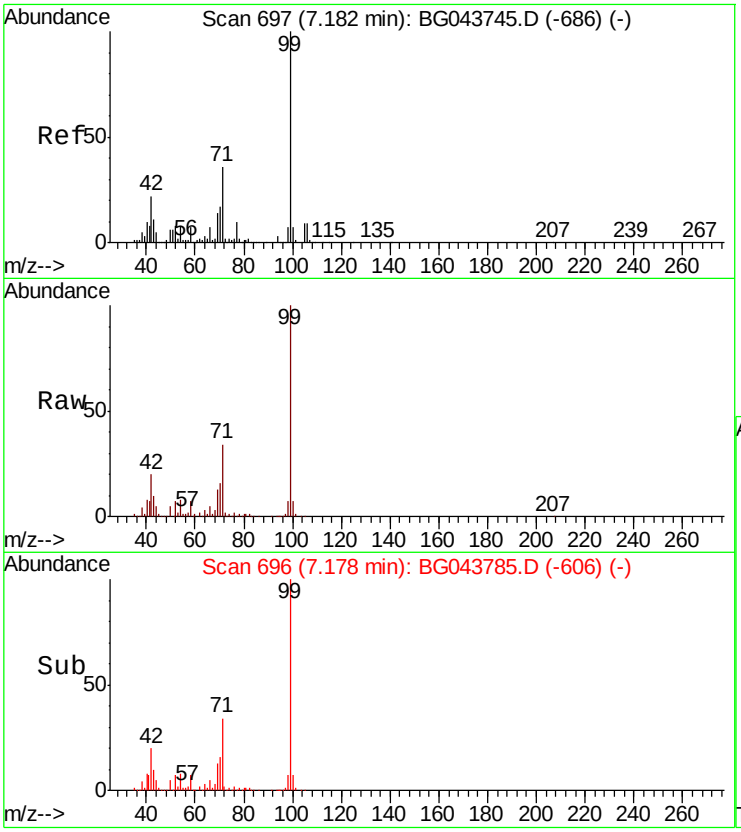


#5
2-Fluorophenol
Concen: 175.098 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Tgt Ion:112 Resp: 663232

Ion	Ratio	Lower	Upper
112	100		
64	59.6	51.7	77.5
63	31.0	26.8	40.2



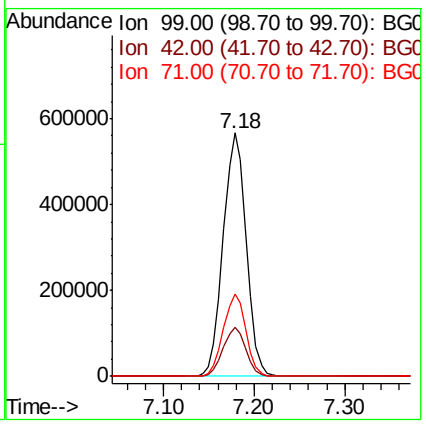


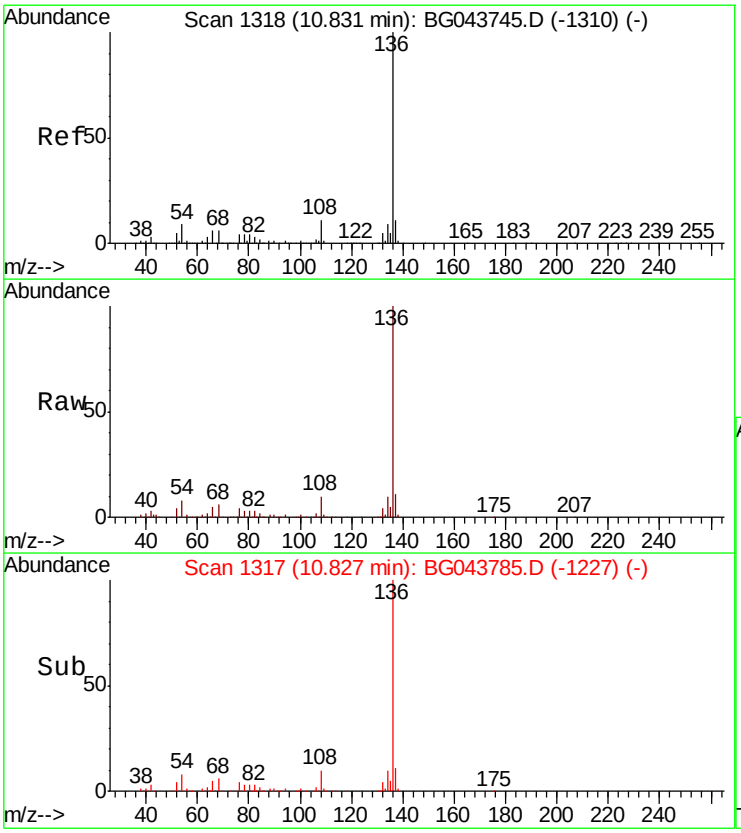
#7
Phenol-d6
Concen: 181.614 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Instrument :
BNA_G
ClientSampleId :
EO-02-112219

Tgt Ion: 99 Resp: 1000002

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.4	26.0
71	34.0	29.5	44.3

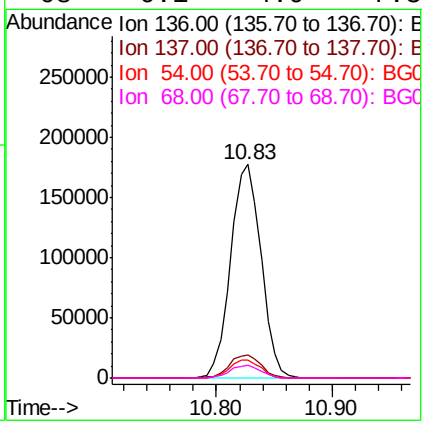


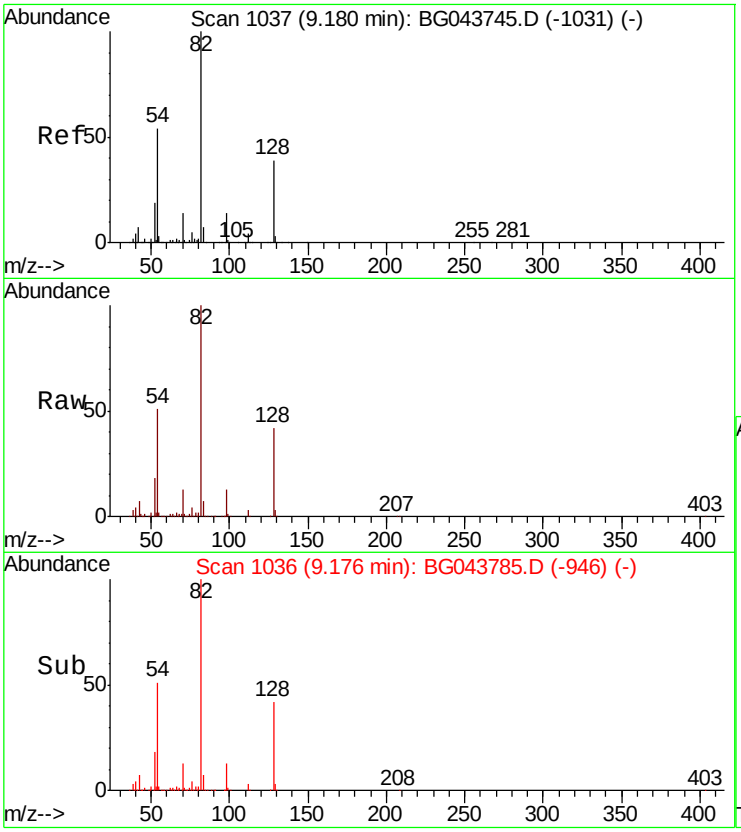


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Tgt Ion:136 Resp: 322970

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	7.5	11.3
68	6.1	4.9	7.3



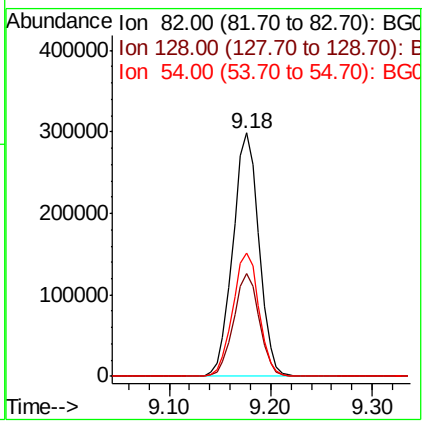


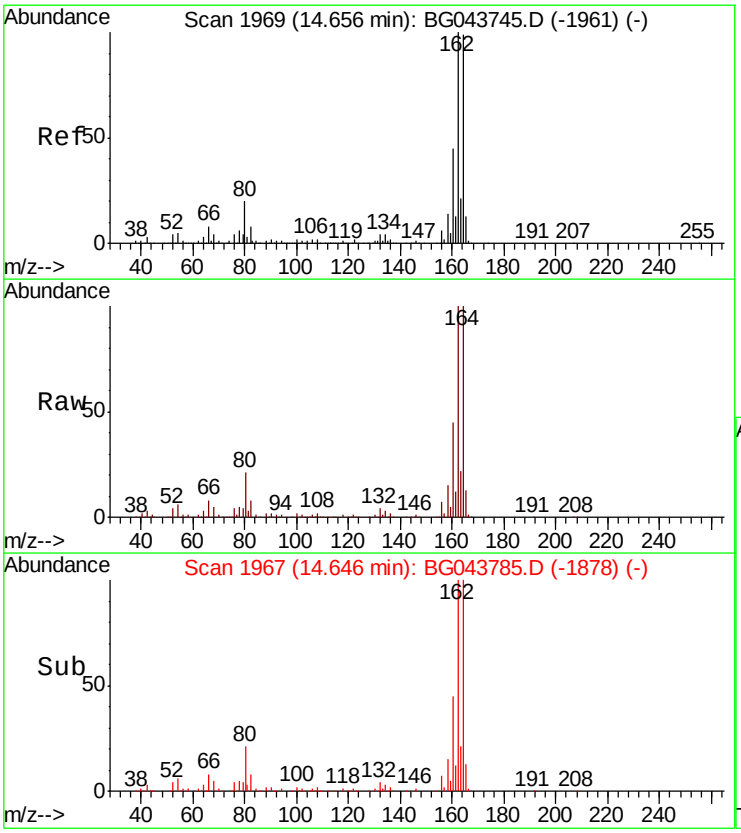
#23
Nitrobenzene-d5
Concen: 90.754 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Instrument :
BNA_G
ClientSampleId :
EO-02-112219

Tgt Ion: 82 Resp: 533092

Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.3	46.9
54	50.7	42.7	64.1

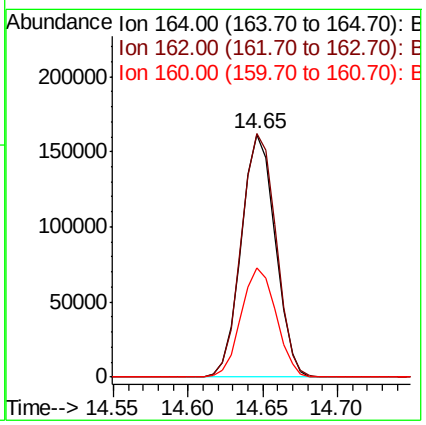


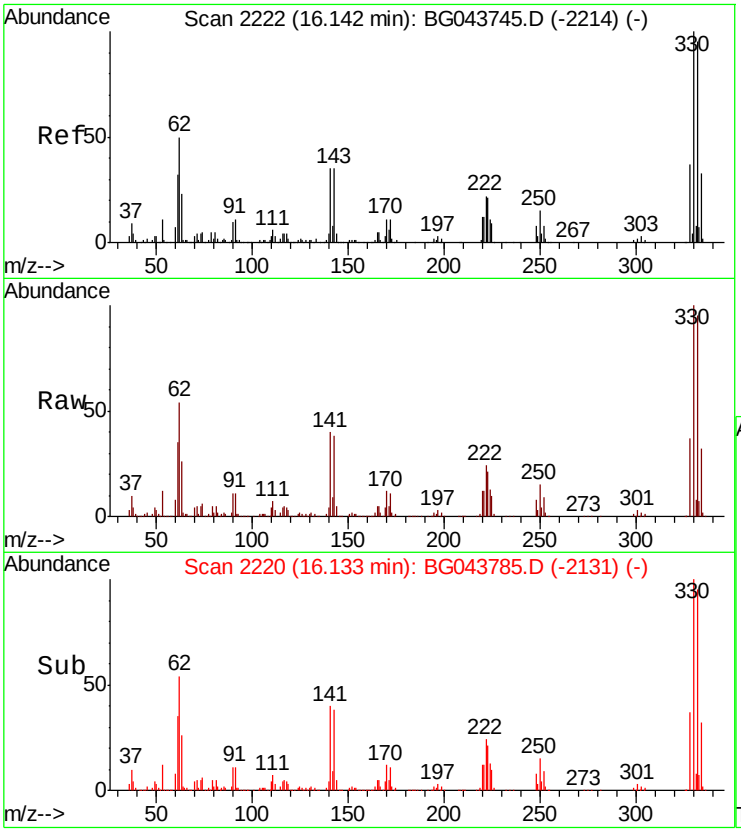


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Tgt Ion:164 Resp: 254278

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	45.0	36.3	54.5



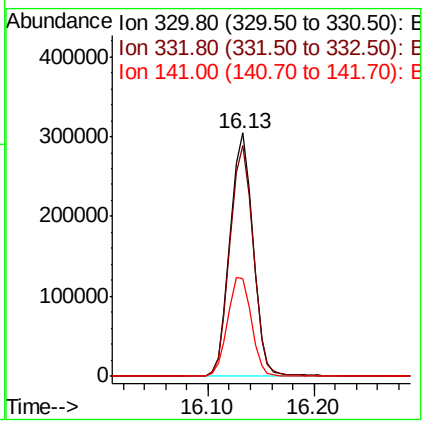


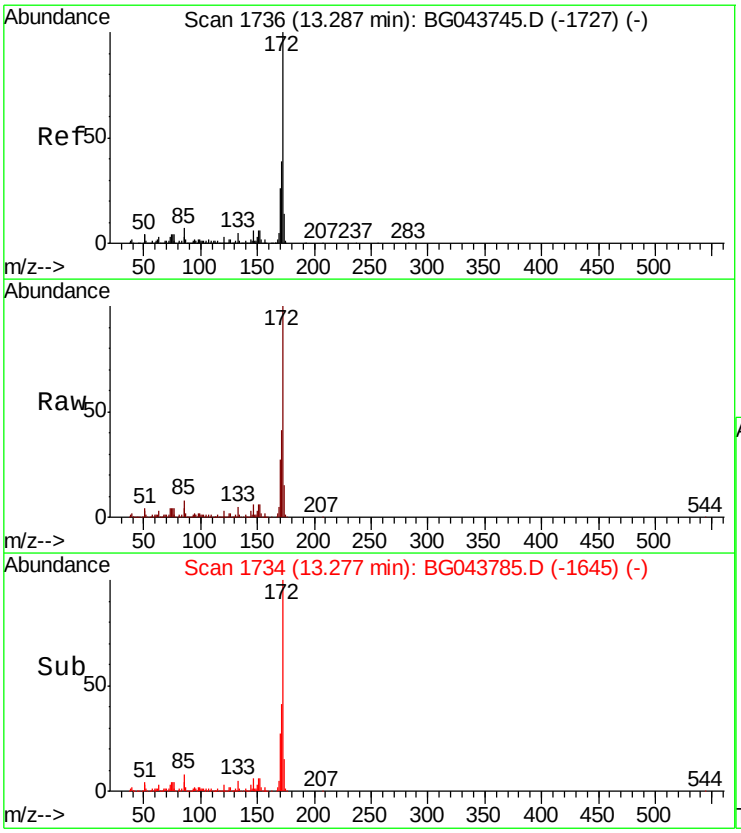
#42
2,4,6-Tribromophenol
Concen: 149.380 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Instrument :
BNA_G
ClientSampleId :
EO-02-112219

Tgt Ion:330 Resp: 458145

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	42.0	31.4	47.2

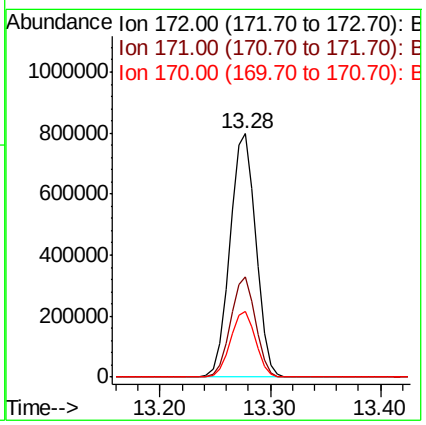


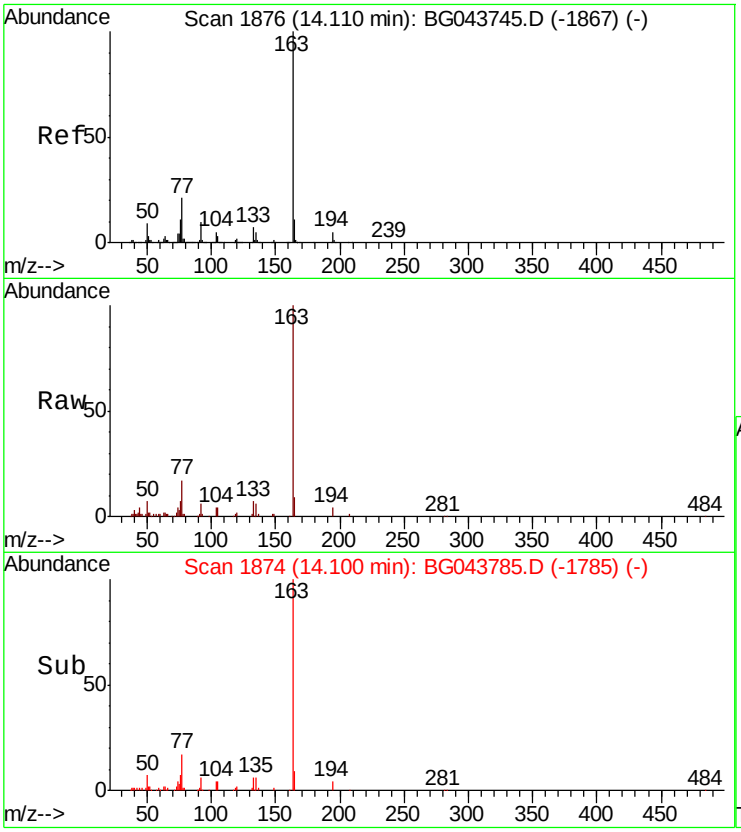


#45
2-Fluorobiphenyl
Concen: 84.822 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Tgt Ion:172 Resp: 1312110

Ion	Ratio	Lower	Upper
172	100		
171	41.0	31.0	46.6
170	27.2	21.0	31.4



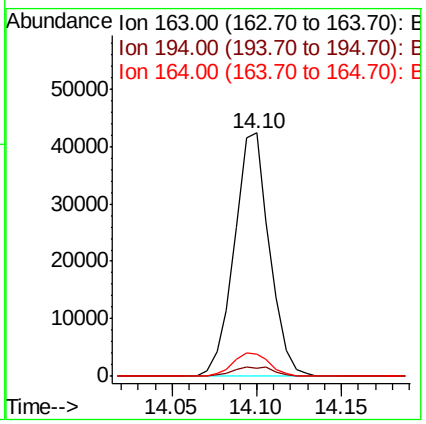


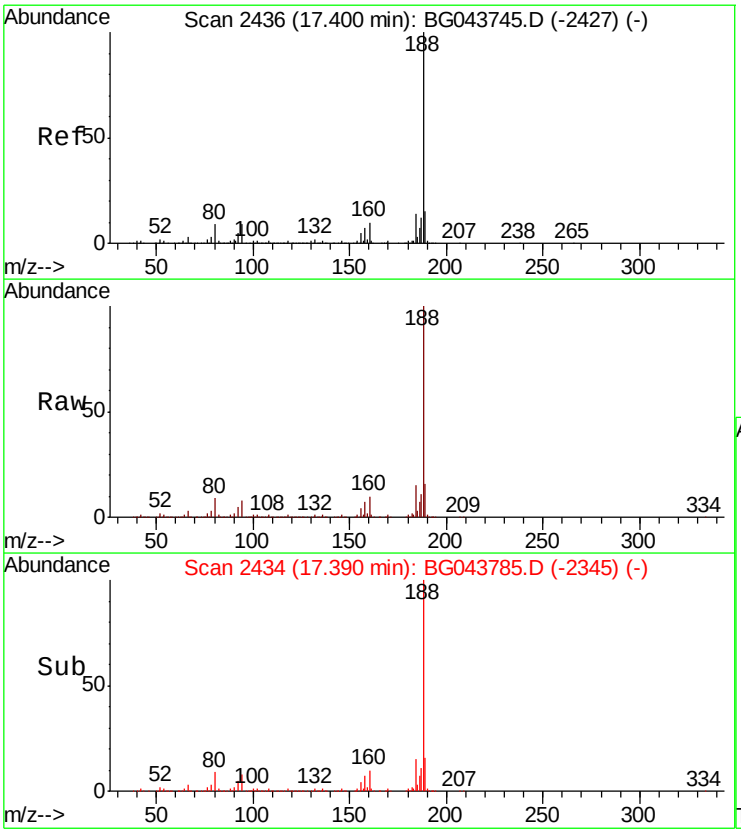
#50
Dimethylphthalate
Concen: 3.032 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Instrument :
BNA_G
ClientSampleId :
EO-02-112219

Tgt Ion:163 Resp: 61073

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.7	5.5#
164	9.3	8.7	13.1

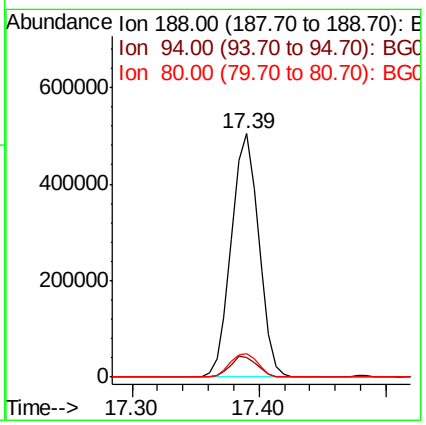


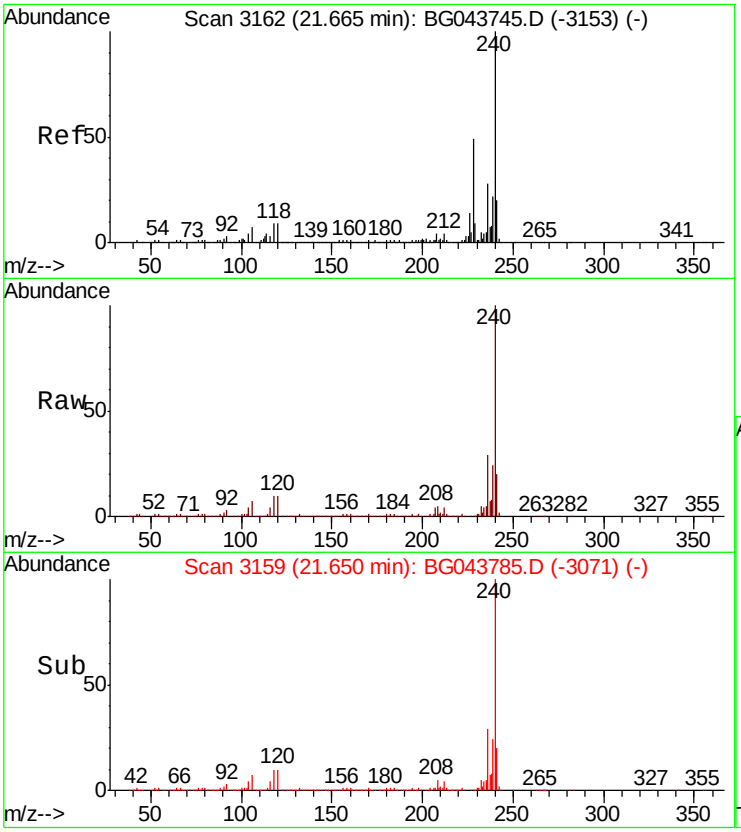


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Tgt Ion:188 Resp: 754163

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.4	7.5	11.3



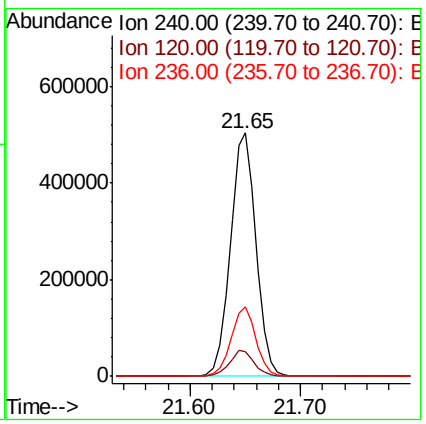


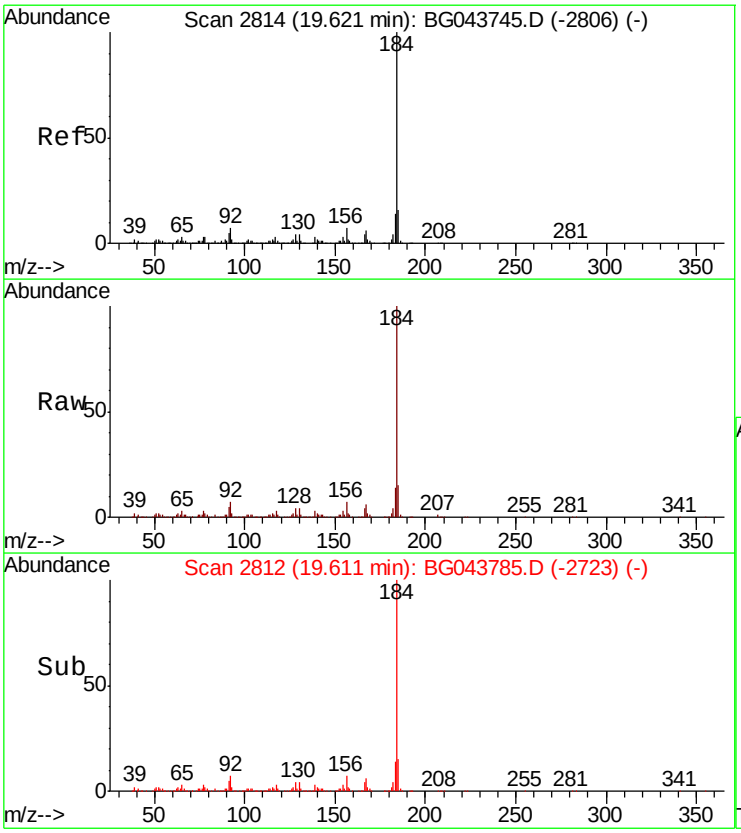
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Instrument :
BNA_G
ClientSampleId :
EO-02-112219

Tgt Ion:240 Resp: 815845

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.5	11.3
236	28.7	22.6	34.0

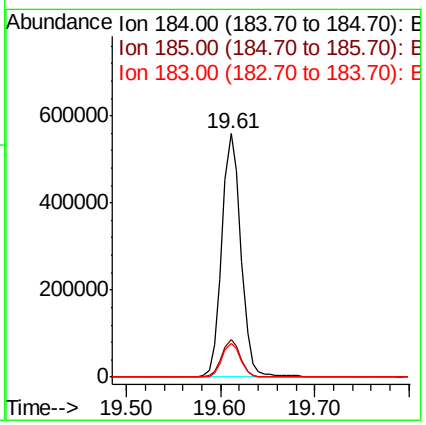


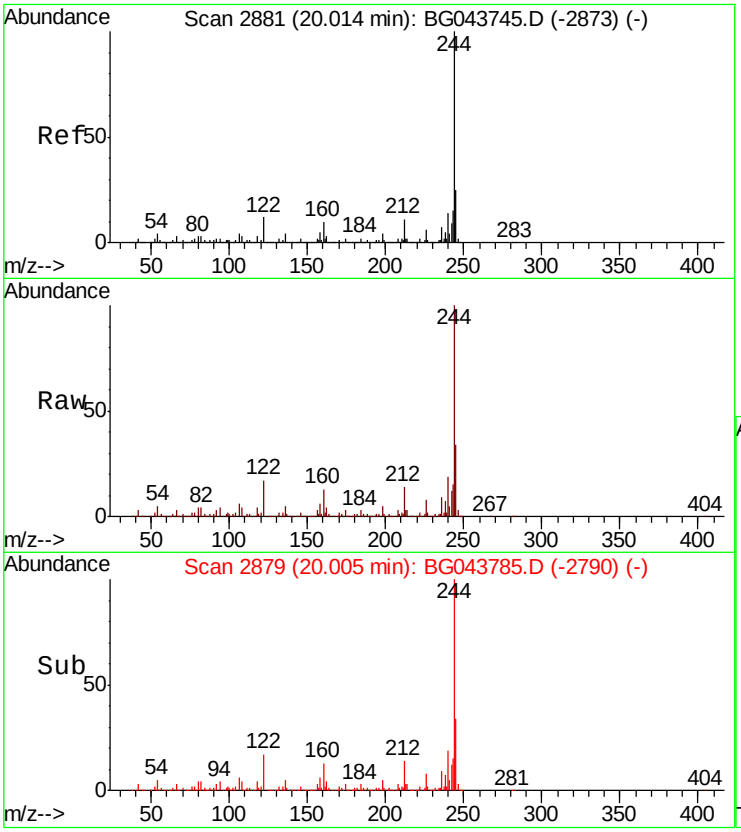


#77
Benzidine
Concen: 33.480 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Tgt Ion:184 Resp: 797885

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.8	19.2
183	13.9	11.3	16.9



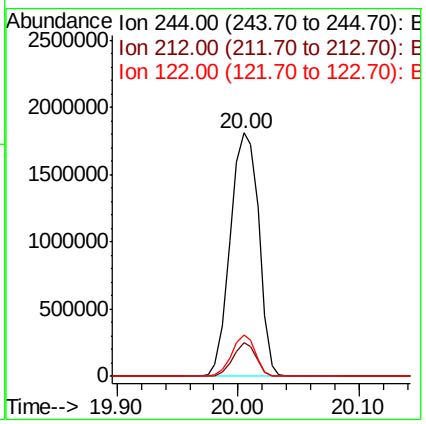


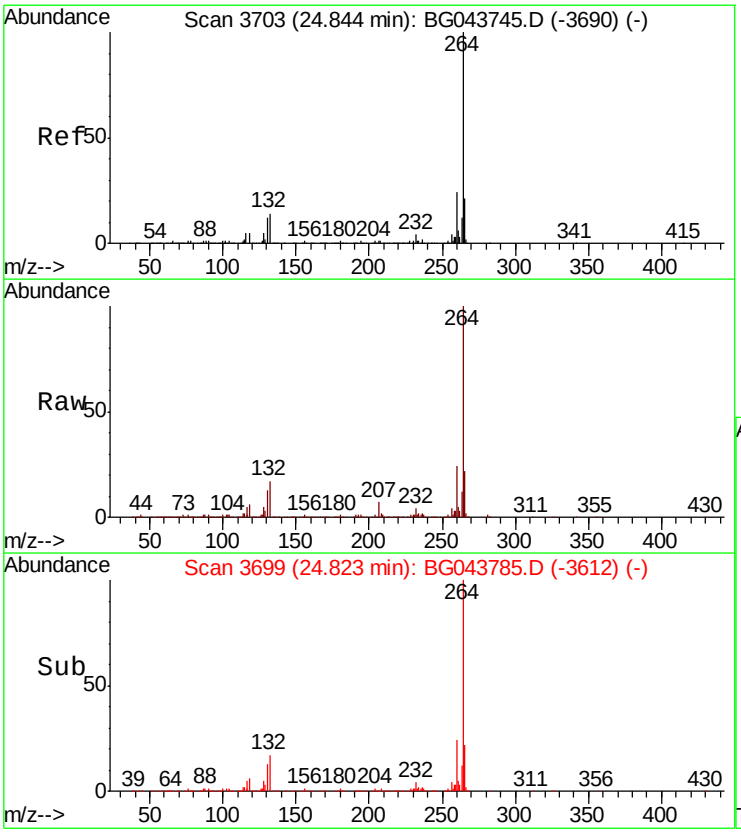
#79
Terphenyl-d14
Concen: 82.384 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Instrument :
BNA_G
ClientSampleId :
EO-02-112219

Tgt Ion:244 Resp: 2974476

Ion	Ratio	Lower	Upper
244	100		
212	14.0	8.5	12.7#
122	17.2	9.5	14.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.02 min
Lab File: BG043785.D
Acq: 27 Nov 2019 1:11

Tgt Ion:264 Resp: 779611

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.4	17.0	25.6