Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091117\
Data File : BG028662.D
Acq On : 12 Sep 2017 5:40
Operator : SJ/JU
Sample : I5123-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-20

Quant Time: Sep 12 12:17:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	36993	20.00	ng		0.00
21) Naphthalene-d8	11.16	136	147294	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	104453	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	289583	20.00	ng		0.00
75) Chrysene-d12	22.02	240	323161	20.00	ng		-0.01
86) Perylene-d12	25.53	264	332920	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	242551	110.40	ng		0.00
7) Phenol-d6	7.49	99	327018	102.62	ng		0.00
23) Nitrobenzene-d5	9.50	82	206396	64.34	ng		0.00
41) 2,4,6-Tribromophenol	16.43	330	181254	114.17	ng		-0.01
44) 2-Fluorobiphenyl	13.56	172	498667	62.46	ng		0.00
78) Terphenyl-d14	20.28	244	853582	56.91	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.52	94	11783	3.413	ng		86
40) Hexachlorocyclopentadiene	13.28	237	69	9.116	ng	#	29
49) Dimethylphthalate	14.38	163	47536	5.523	ng	#	97

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

Quantitation Report (Not Reviewed)

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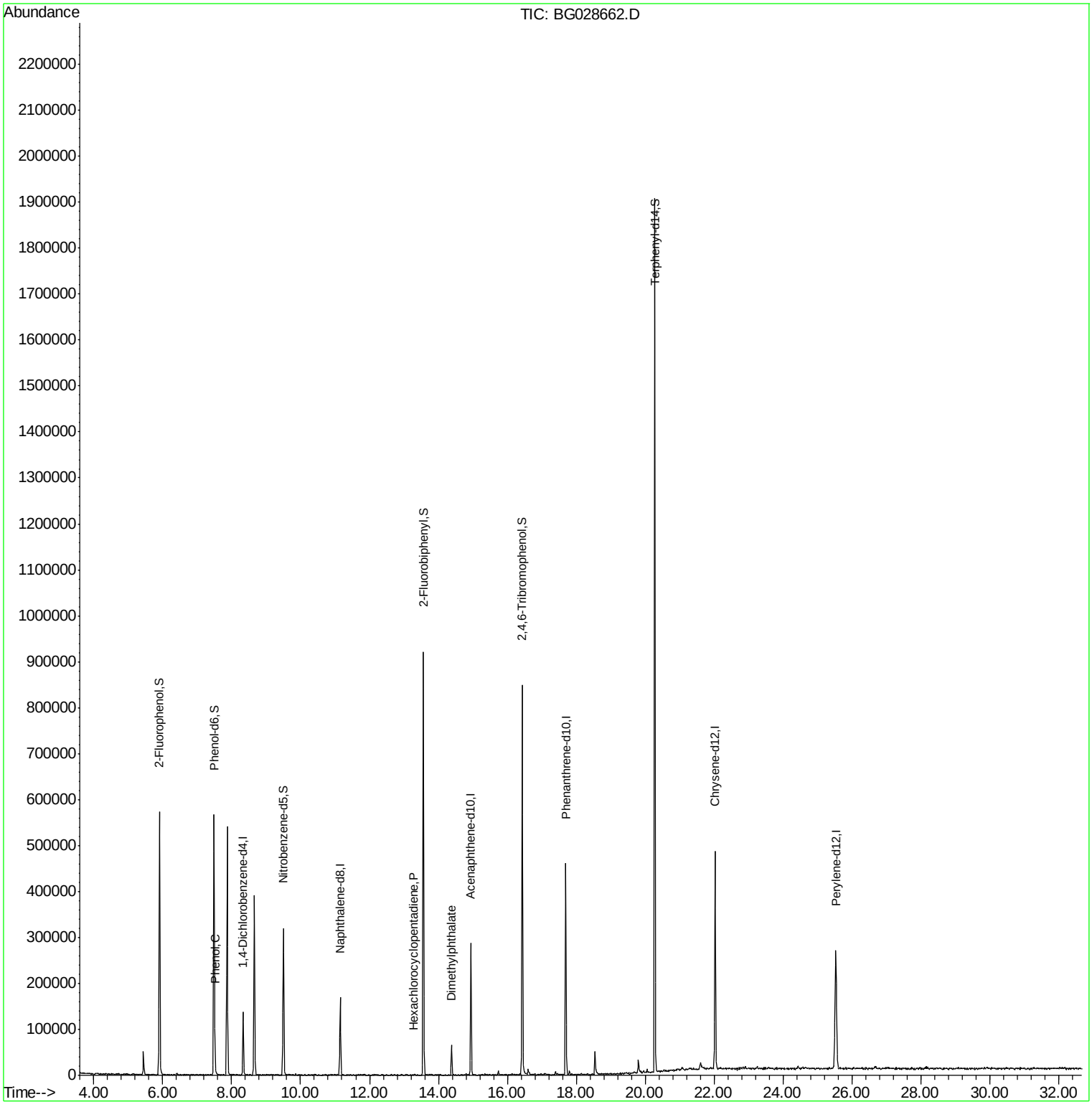
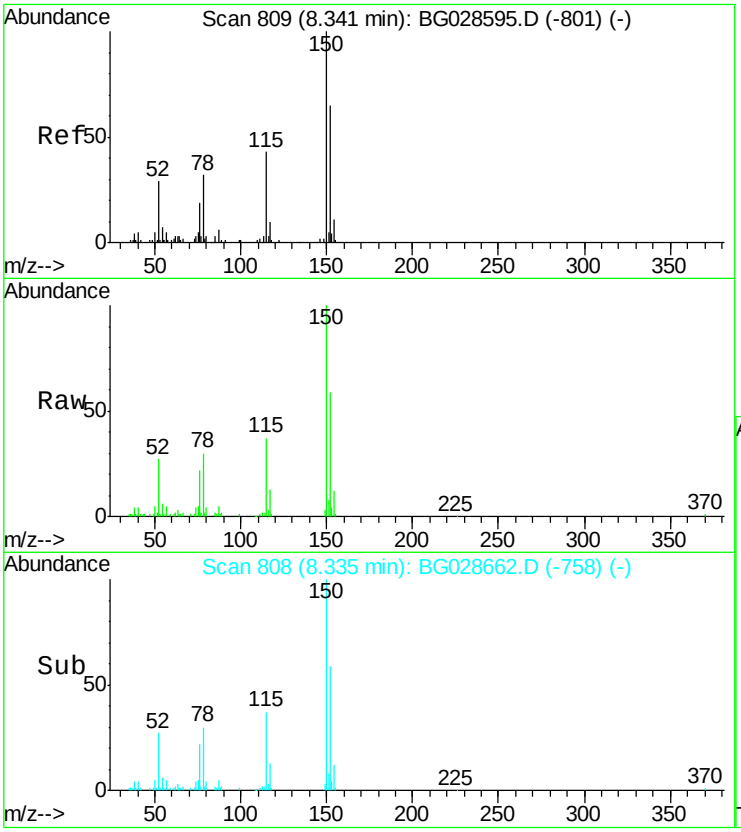


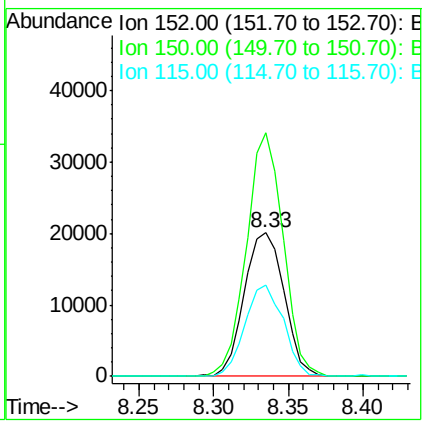


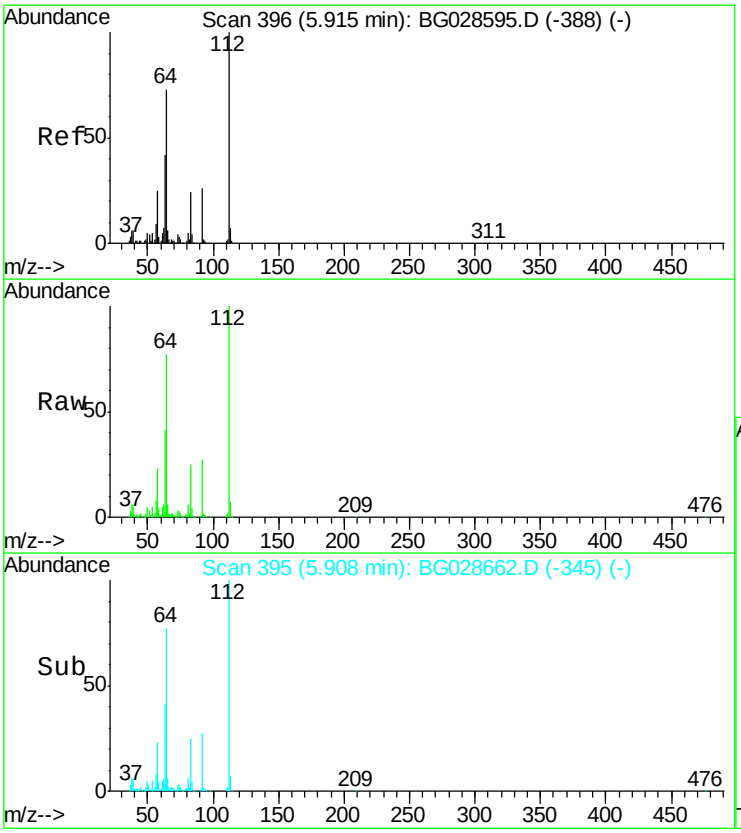
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Instrument :
BNA_G
ClientSampleId :
EP-20

Tgt Ion:152 Resp: 36993

Ion	Ratio	Lower	Upper
152	100		
150	169.7	114.0	171.0
115	63.3	48.1	72.1

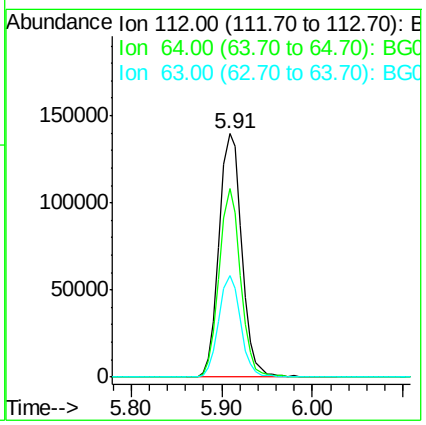


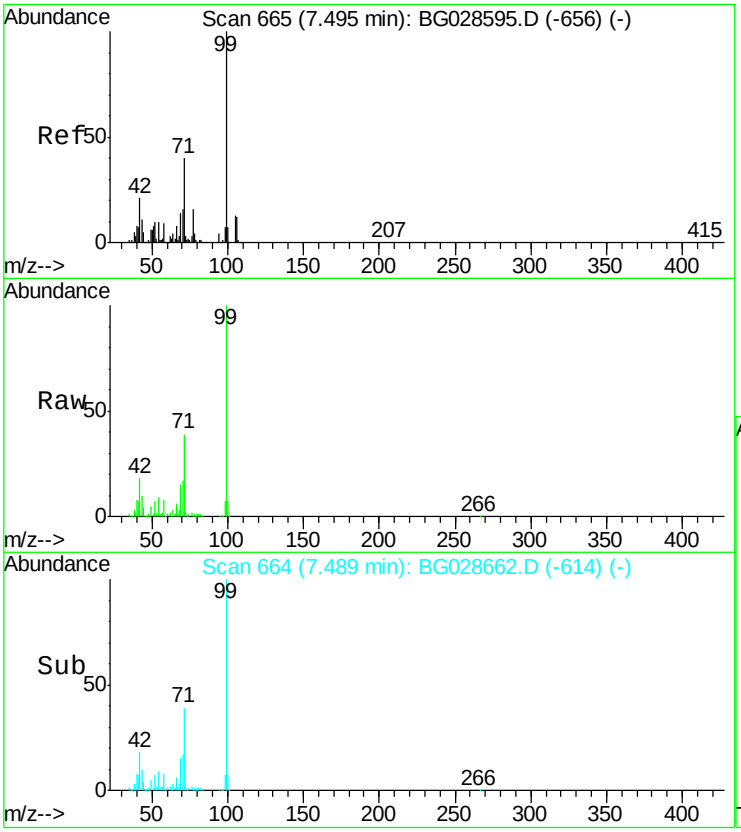


#5
2-Fluorophenol
Concen: 110.397 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Tgt Ion:112 Resp: 242551

Ion	Ratio	Lower	Upper
112	100		
64	77.5	61.8	92.6
63	41.5	37.2	55.8



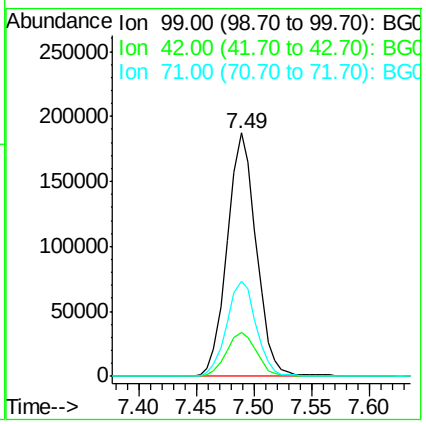


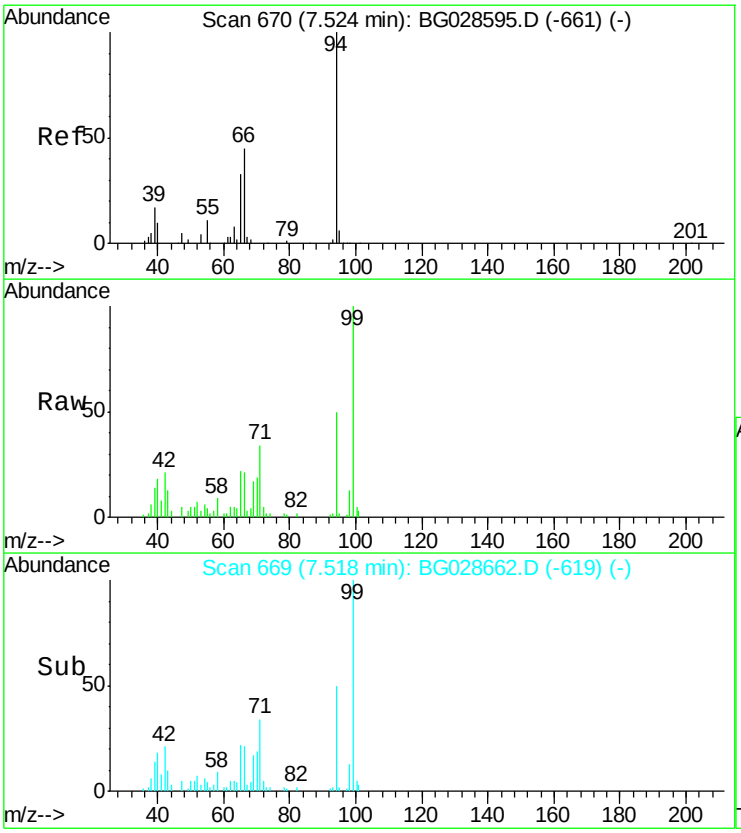
#7
Phenol-d6
Concen: 102.616 ng
RT: 7.49 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Instrument :
BNA_G
ClientSampleId :
EP-20

Tgt Ion: 99 Resp: 327018

Ion	Ratio	Lower	Upper
99	100		
42	18.2	20.5	30.7#
71	39.3	37.6	56.4

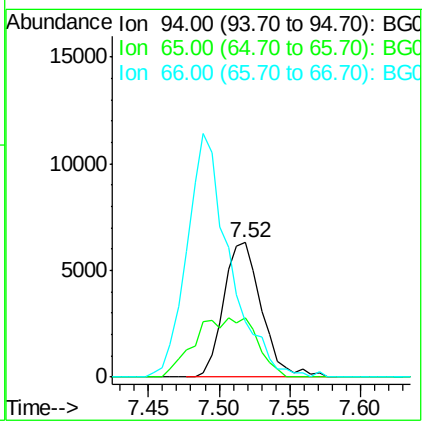


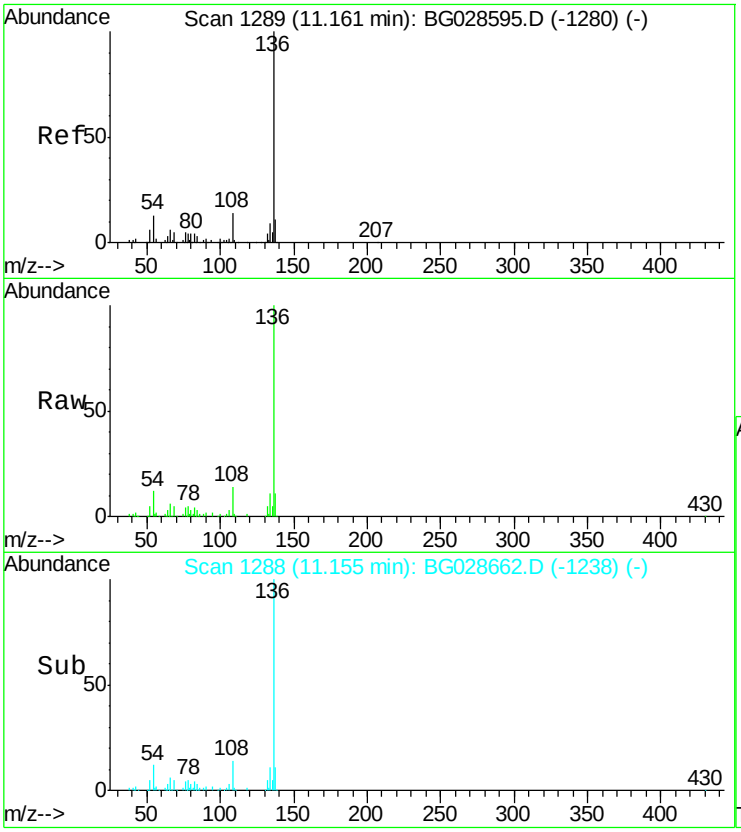


#10
Phenol
Concen: 3.413 ng
RT: 7.52 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Tgt Ion: 94 Resp: 11783

Ion	Ratio	Lower	Upper
94	100		
65	43.7	20.6	60.6
66	41.0	35.5	75.5



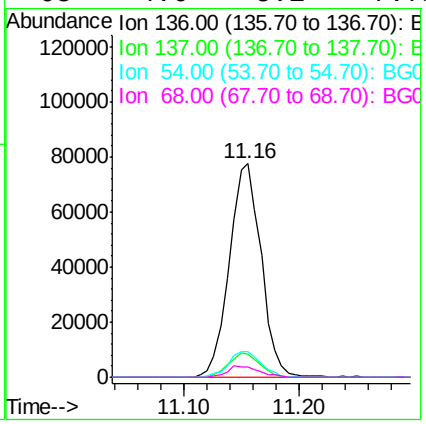


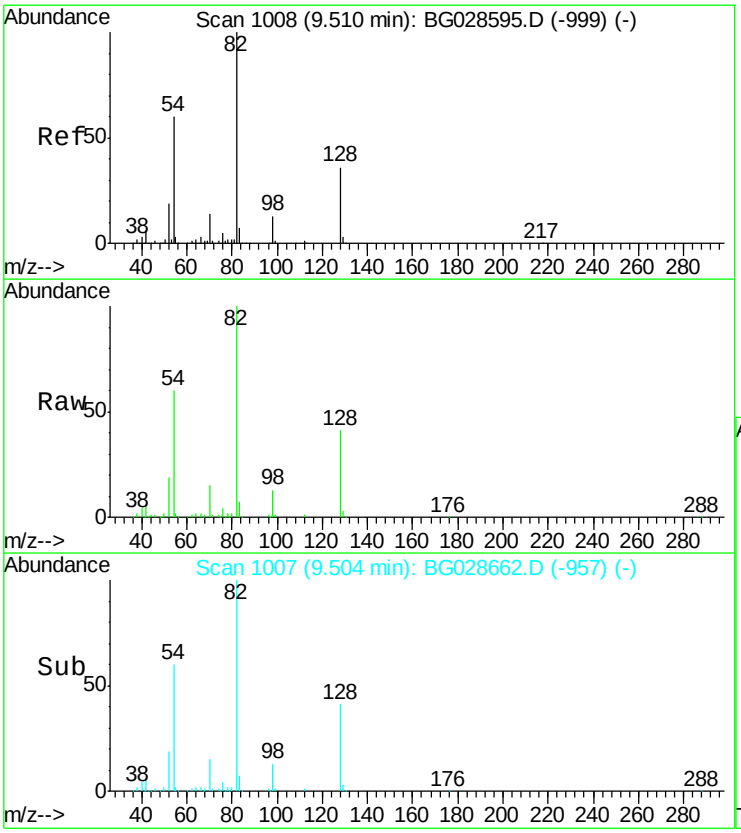
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.16 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Instrument :
BNA_G
ClientSampleId :
EP-20

Tgt Ion:136 Resp: 147294

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	11.9	9.3	13.9
68	4.6	5.1	7.7#

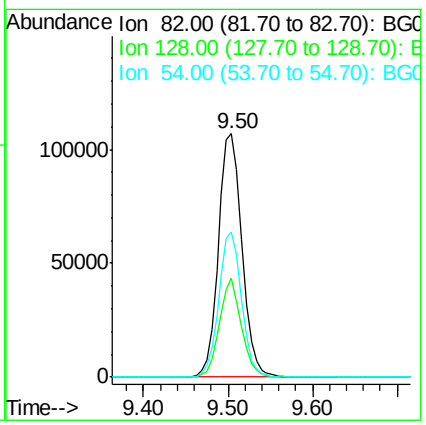


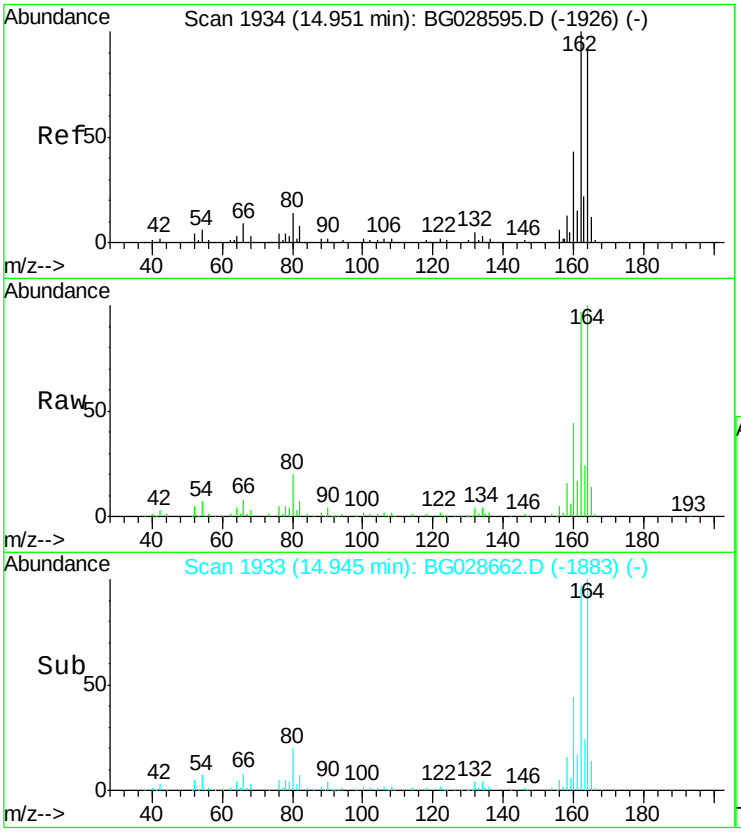


#23
Nitrobenzene-d5
Concen: 64.342 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Tgt Ion: 82 Resp: 206396

Ion	Ratio	Lower	Upper
82	100		
128	40.6	26.4	39.6#
54	59.7	49.4	74.2



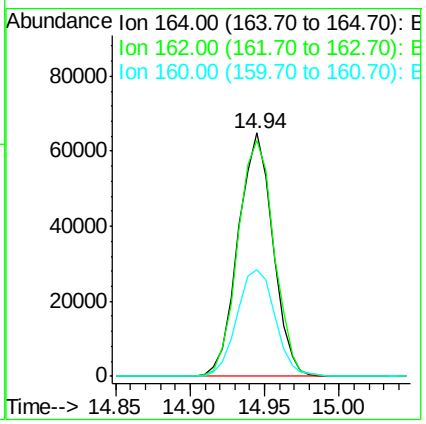


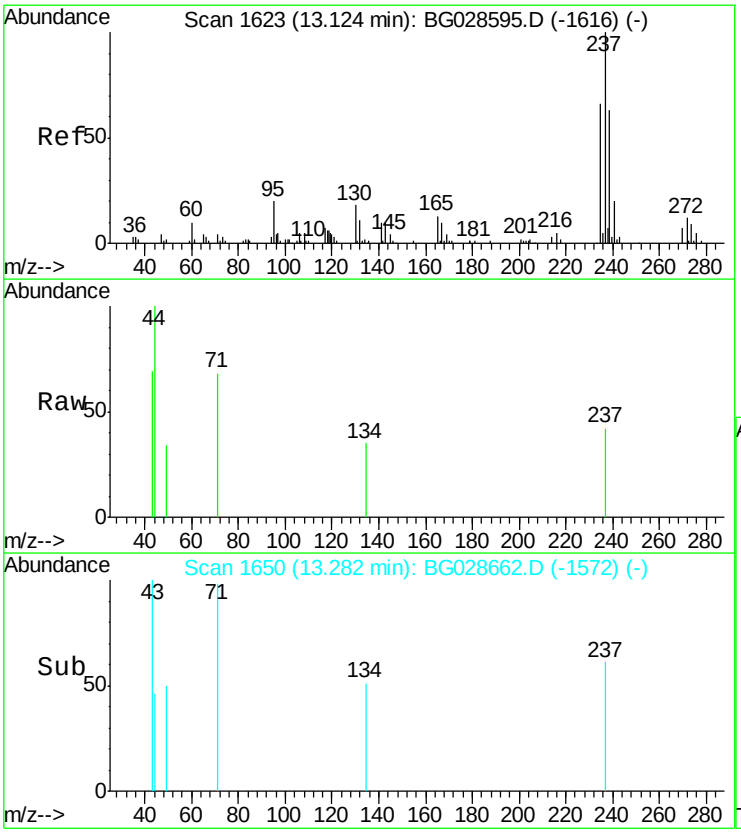
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Instrument :
BNA_G
ClientSampleId :
EP-20

Tgt Ion:164 Resp: 104453

Ion	Ratio	Lower	Upper
164	100		
162	96.8	85.1	127.7
160	44.0	34.7	52.1

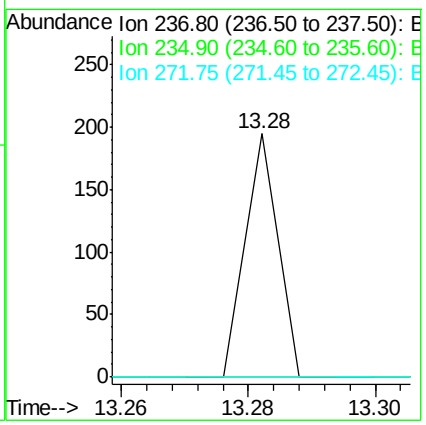


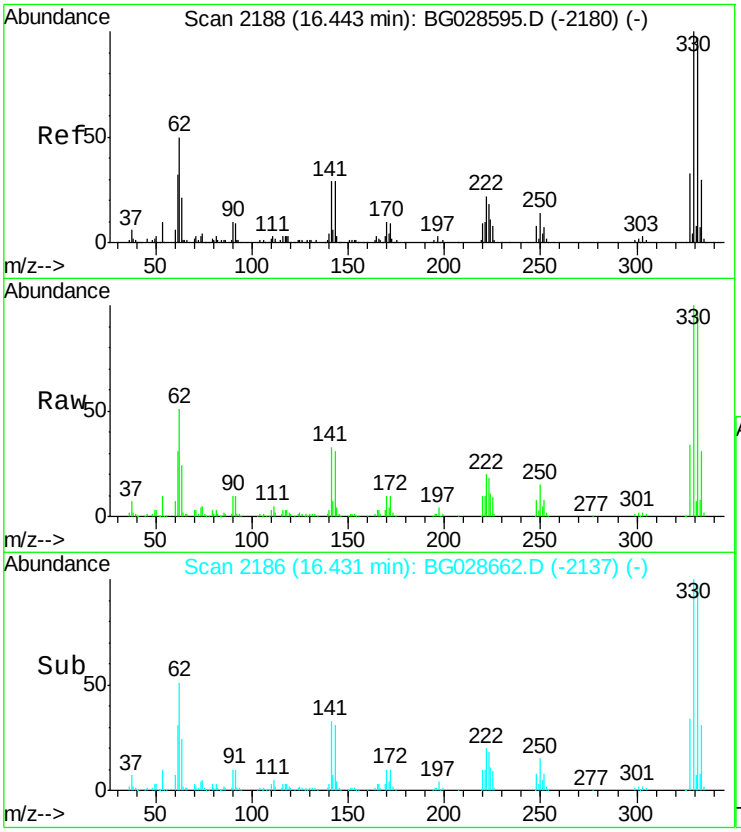


#40
Hexachlorocyclopentadiene
Concen: 9.116 ng
RT: 13.28 min Scan# 1650
Delta R.T. 0.16 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Tgt Ion:237 Resp: 69

Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



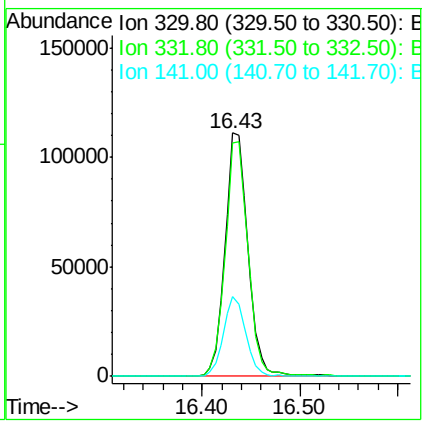


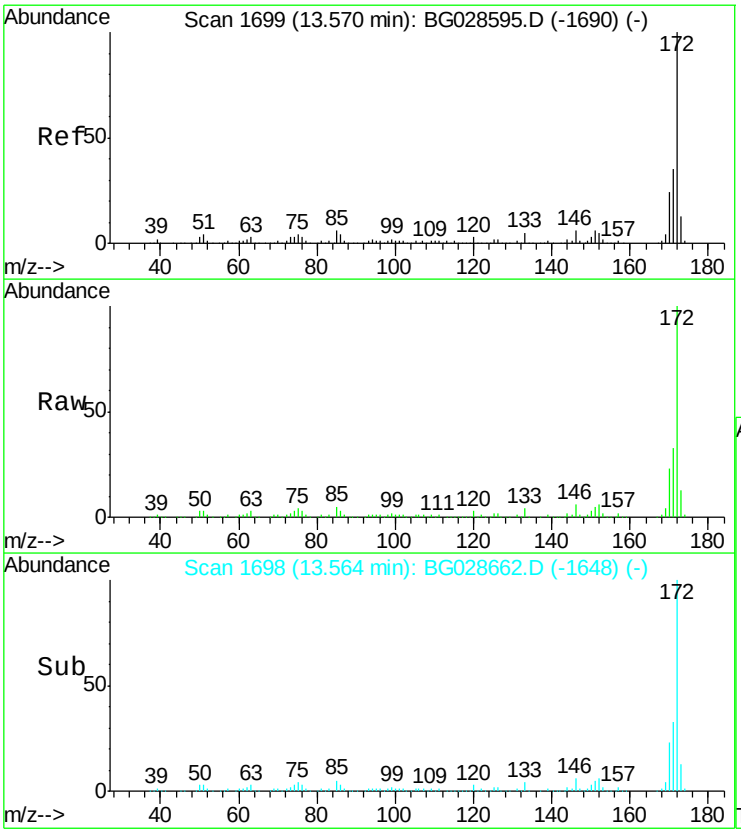
#41
2,4,6-Tribromophenol
Concen: 114.170 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Instrument :
BNA_G
ClientSampleId :
EP-20

Tgt Ion:330 Resp: 181254

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	31.9	32.1	48.1#

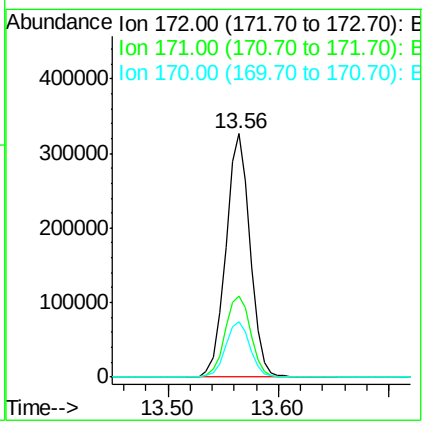


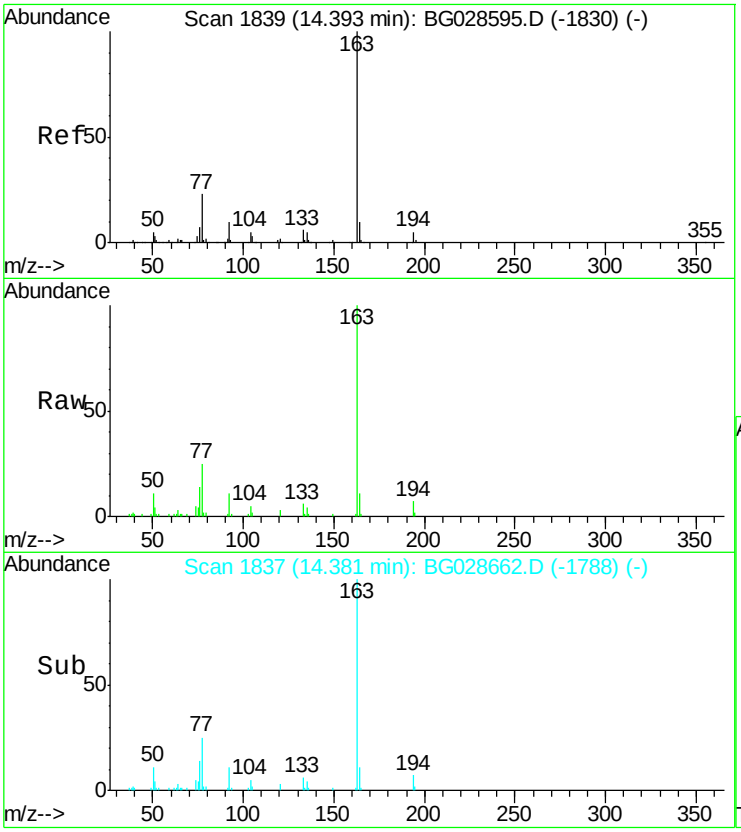


#44
2-Fluorobiphenyl
Concen: 62.456 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Tgt Ion:172 Resp: 498667

Ion	Ratio	Lower	Upper
172	100		
171	33.2	32.2	48.2
170	22.5	21.8	32.6



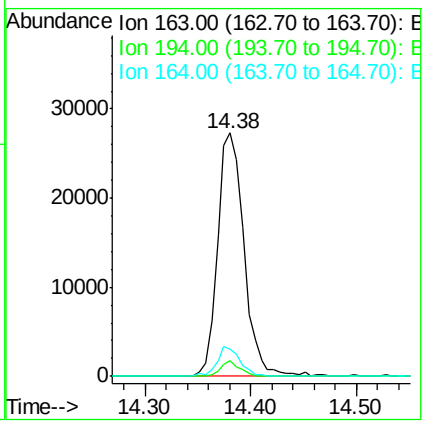


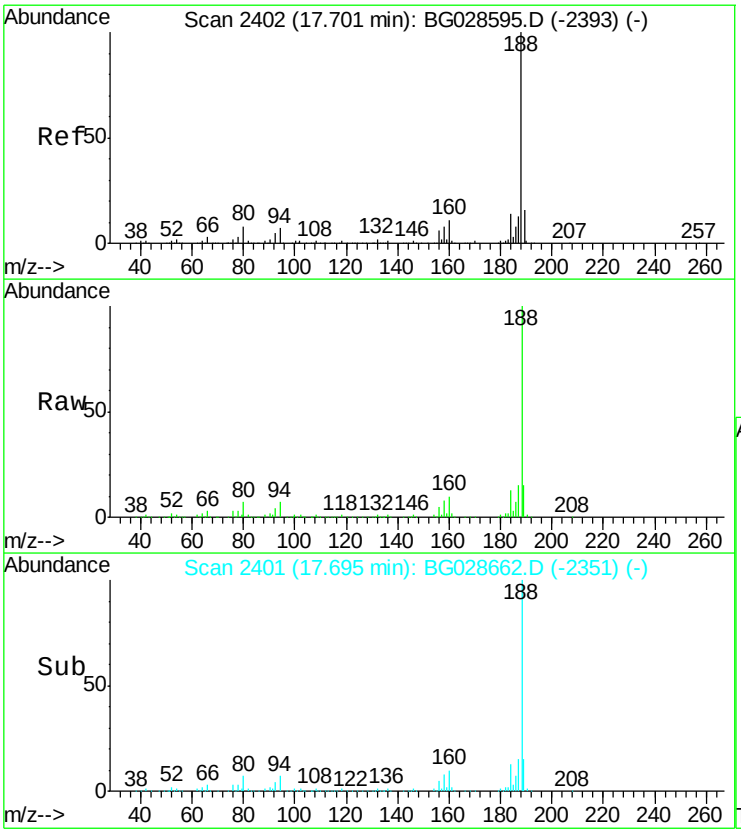
#49
Dimethylphthalate
Concen: 5.523 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Instrument :
BNA_G
ClientSampleId :
EP-20

Tgt Ion:163 Resp: 47536

Ion	Ratio	Lower	Upper
163	100		
194	6.6	3.8	5.6#
164	11.0	9.3	13.9

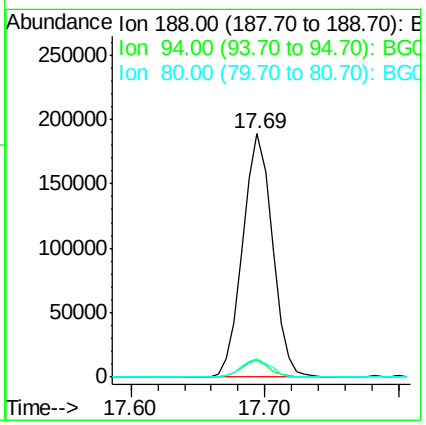


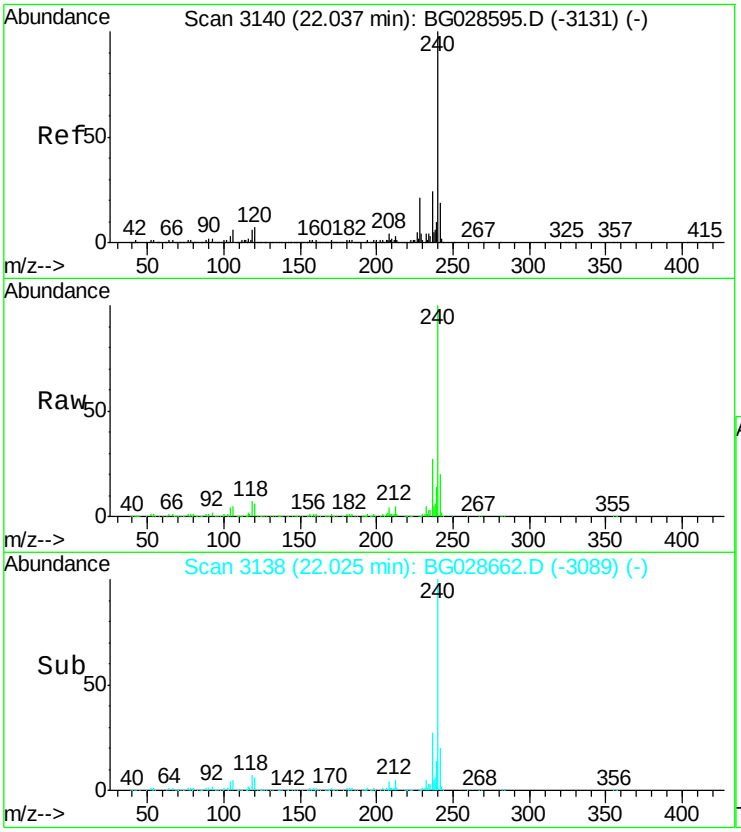


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Tgt Ion:188 Resp: 289583

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.8
80	7.5	7.5	11.3#



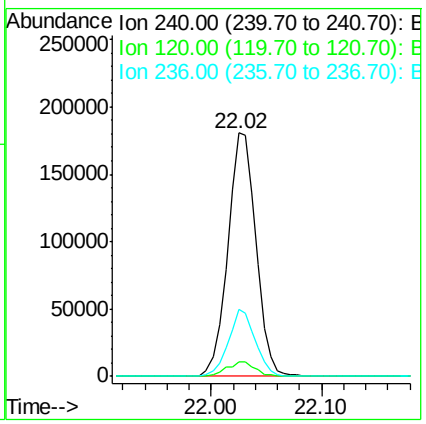


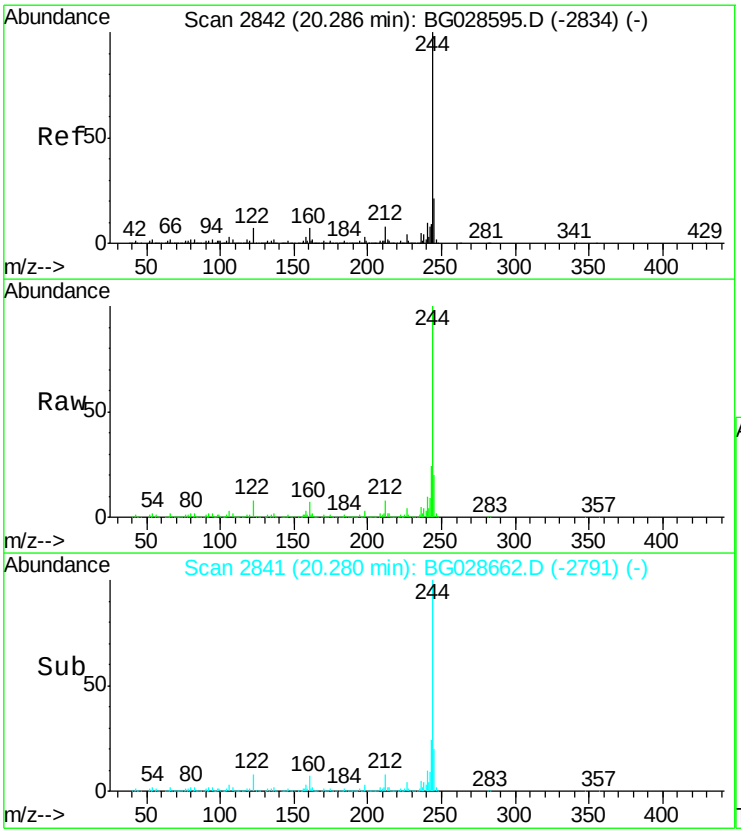
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Instrument :
BNA_G
ClientSampleId :
EP-20

Tgt Ion:240 Resp: 323161

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	27.3	22.2	33.4

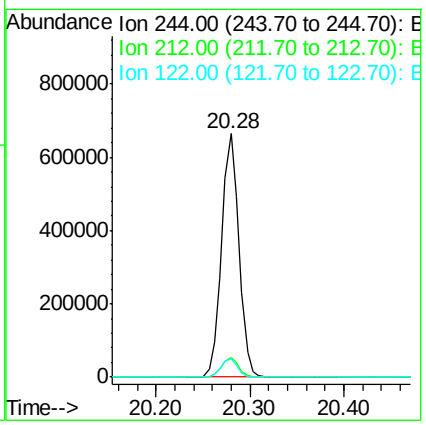


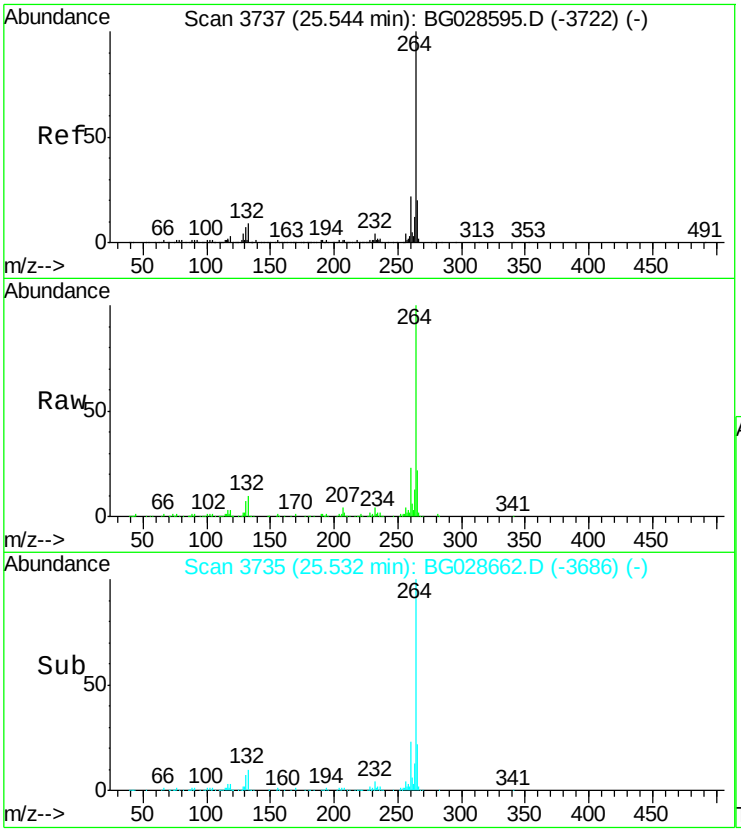


#78
Terphenyl-d14
Concen: 56.908 ng
RT: 20.28 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Tgt Ion:244 Resp: 853582

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	7.5	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG028662.D
Acq: 12 Sep 2017 5:40

Instrument :
BNA_G
ClientSampleId :
EP-20

Tgt Ion:264 Resp: 332920

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	22.1	18.2	27.4