Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016276.D
Acq On : 09 Aug 2018 11:47
Operator : SJ/JU
Sample : J4236-03RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-GF-01-010-BRE

Quant Time: Aug 10 04:04:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 16:23:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	41783	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	149103	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	72216	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	147318	20.00	ng	0.00
75) Chrysene-d12	21.63	240	168143	20.00	ng	0.00
86) Perylene-d12	23.97	264	193030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	147575	58.67	ng	0.00
7) Phenol-d6	7.30	99	174267	53.05	ng	0.00
23) Nitrobenzene-d5	9.32	82	126650	39.51	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	45773	49.97	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	224155	37.77	ng	0.00
78) Terphenyl-d14	20.08	244	296273	36.88	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	15854	2.509	ng	# 98
83) Bis(2-ethylhexyl)phthalate	21.50	149	21309	2.872	ng	93

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

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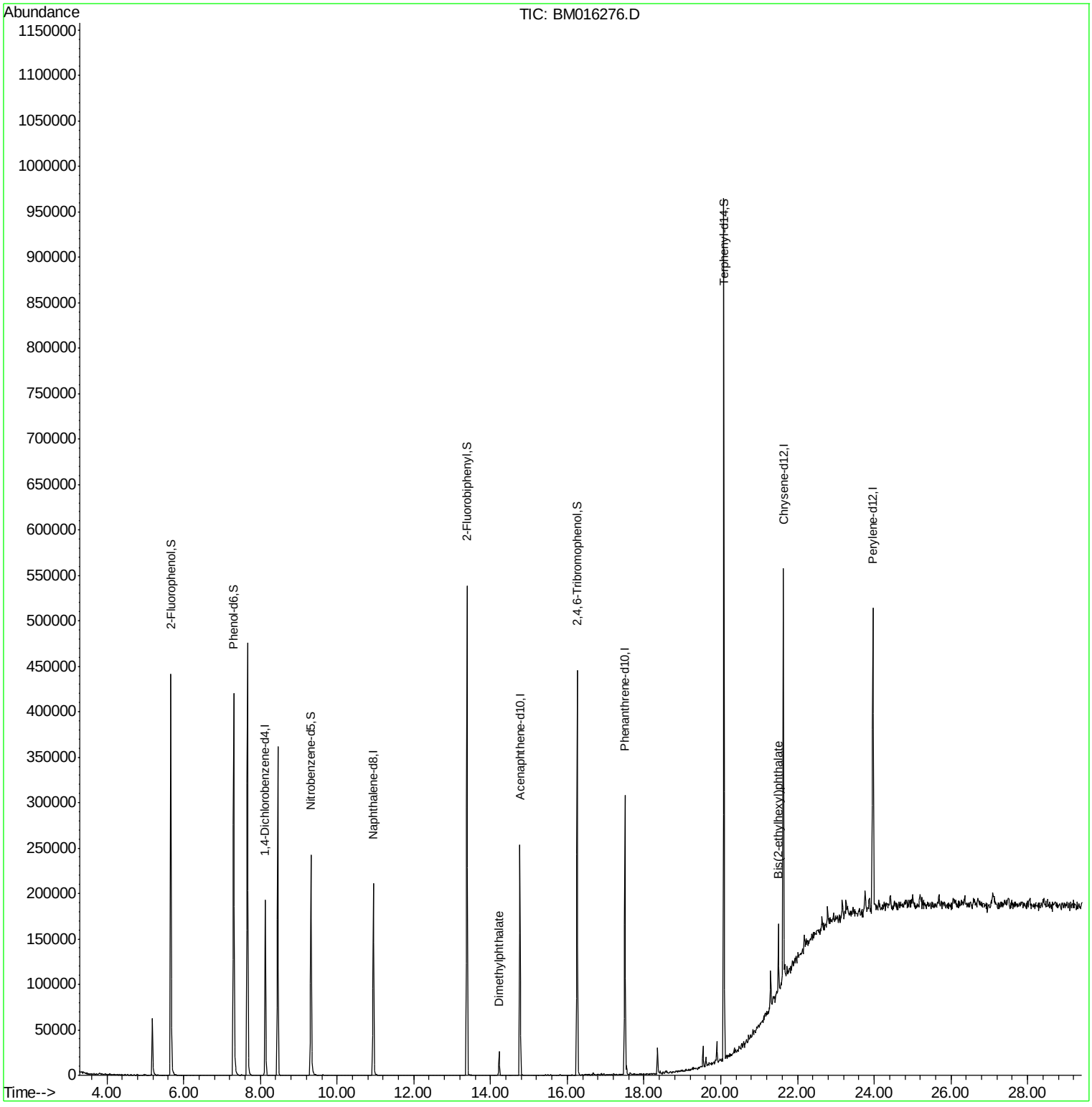
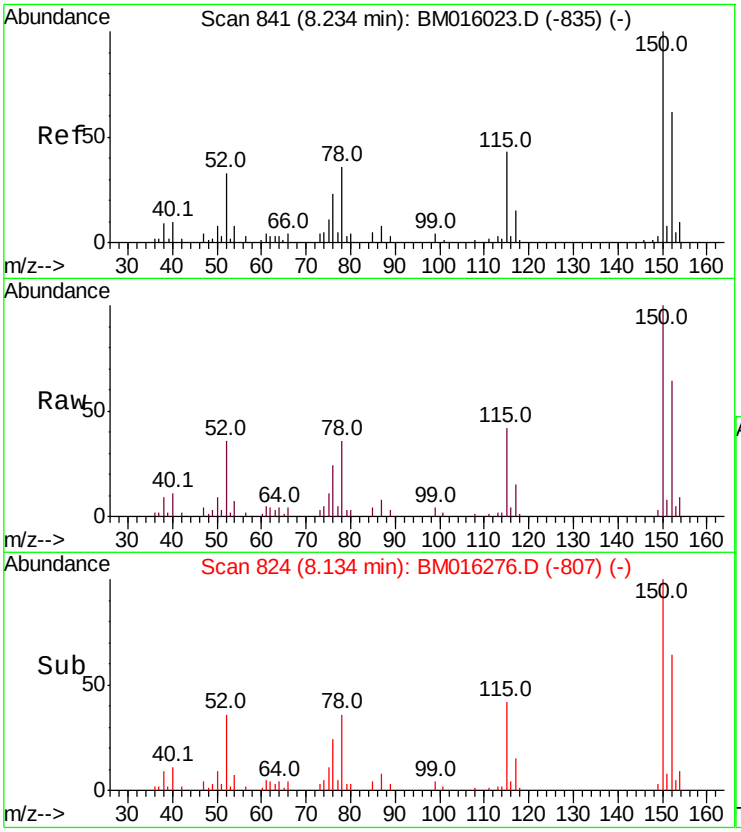


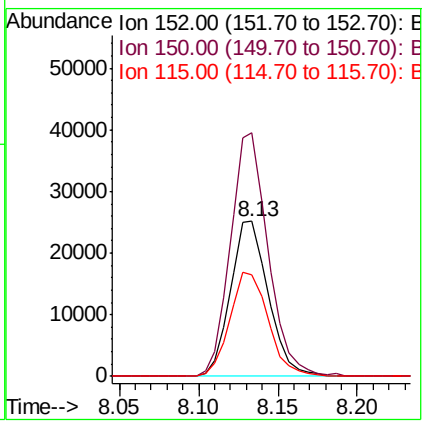


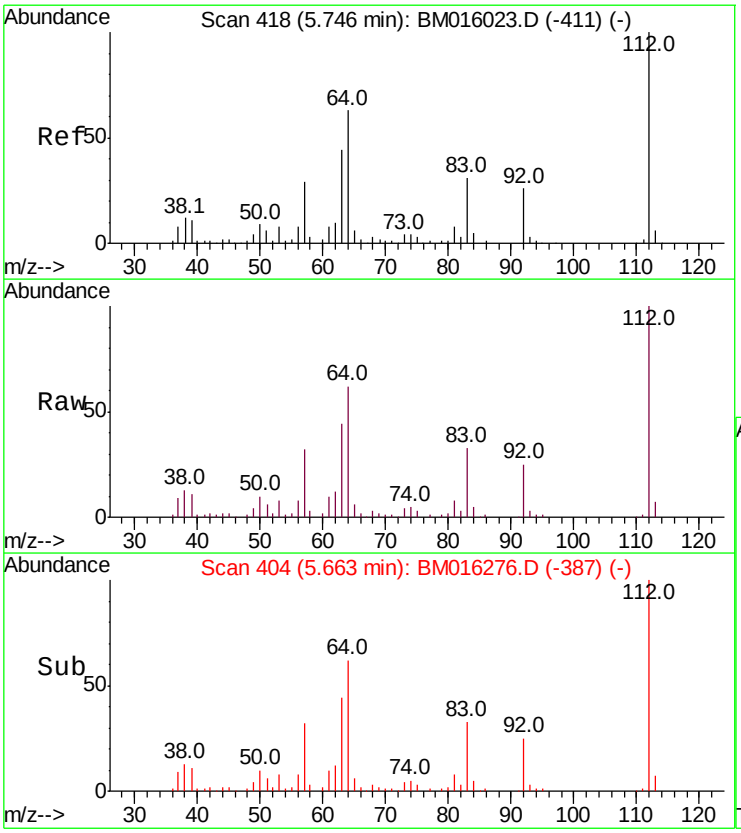
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Instrument :
BNA_M
ClientSampleId :
FK-GF-01-010-BRE

Tgt Ion:152 Resp: 41783

Ion	Ratio	Lower	Upper
152	100		
150	156.9	119.5	179.3
115	65.2	43.0	64.4#

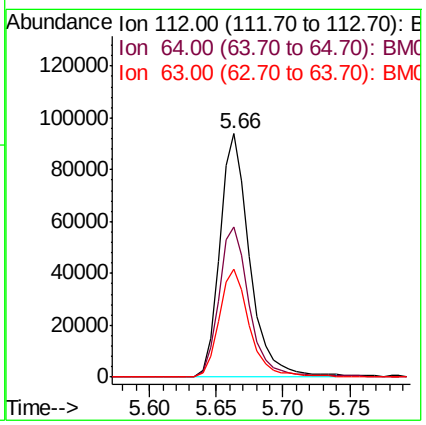


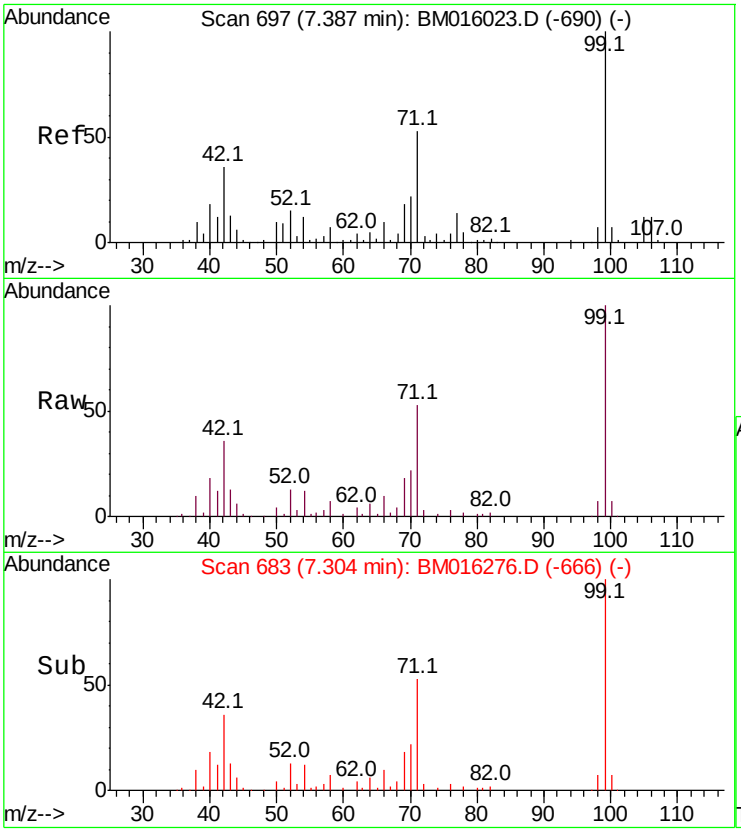


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Tgt Ion:112 Resp: 147575

Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8#
63	44.2	19.3	28.9#



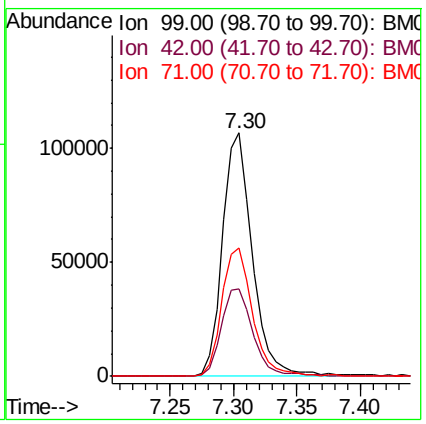


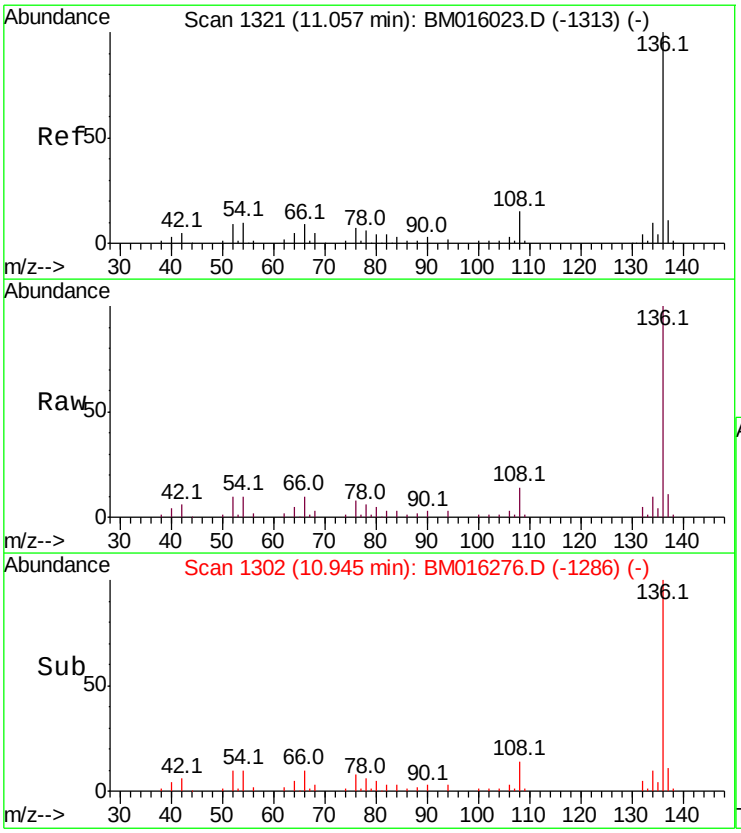
#7
Phenol-d6
Concen: N.D. ng
RT: 7.30 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Instrument :
BNA_M
ClientSampleId :
FK-GF-01-010-BRE

Tgt Ion: 99 Resp: 174267

Ion	Ratio	Lower	Upper
99	100		
42	36.0	11.0	16.4#
71	53.0	23.4	35.2#

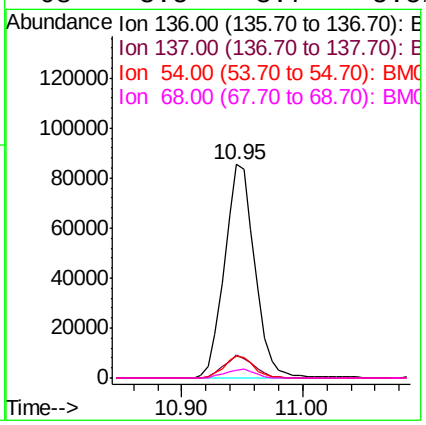


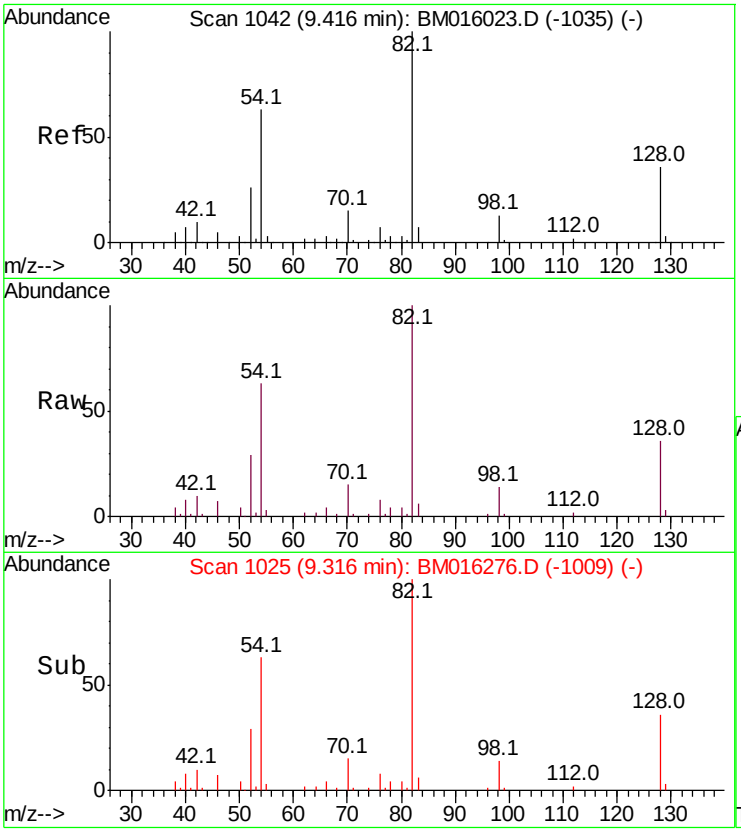


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Tgt Ion:136 Resp: 149103

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	10.1	4.6	6.8#
68	3.5	3.7	5.5#



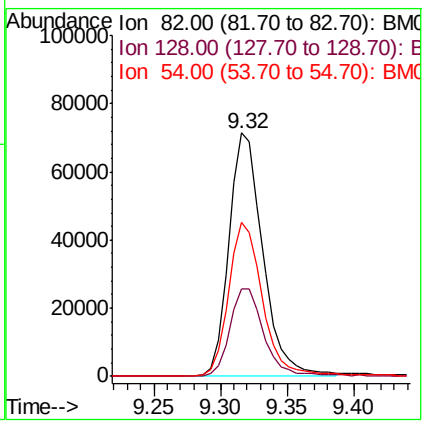


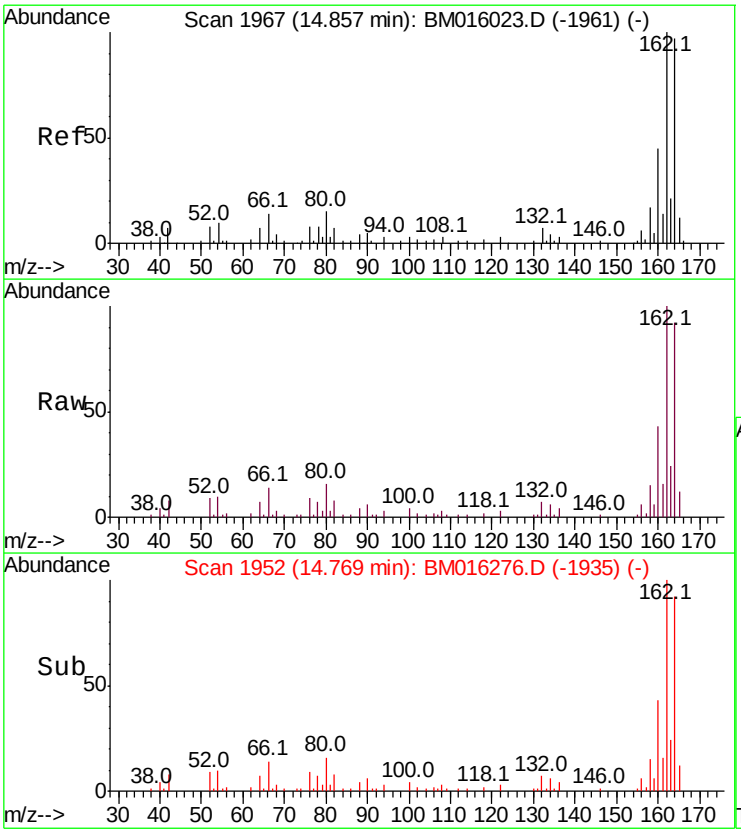
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Instrument :
BNA_M
ClientSampleId :
FK-GF-01-010-BRE

Tgt Ion: 82 Resp: 126650

Ion	Ratio	Lower	Upper
82	100		
128	36.1	32.8	49.2
54	63.1	40.6	60.8#

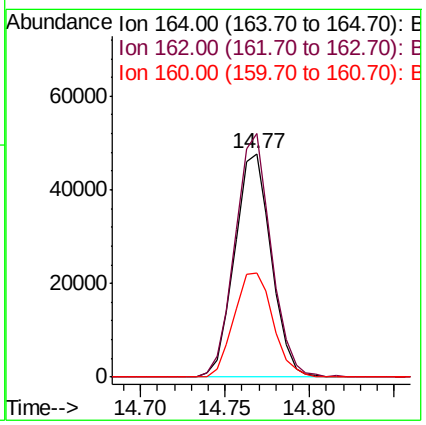


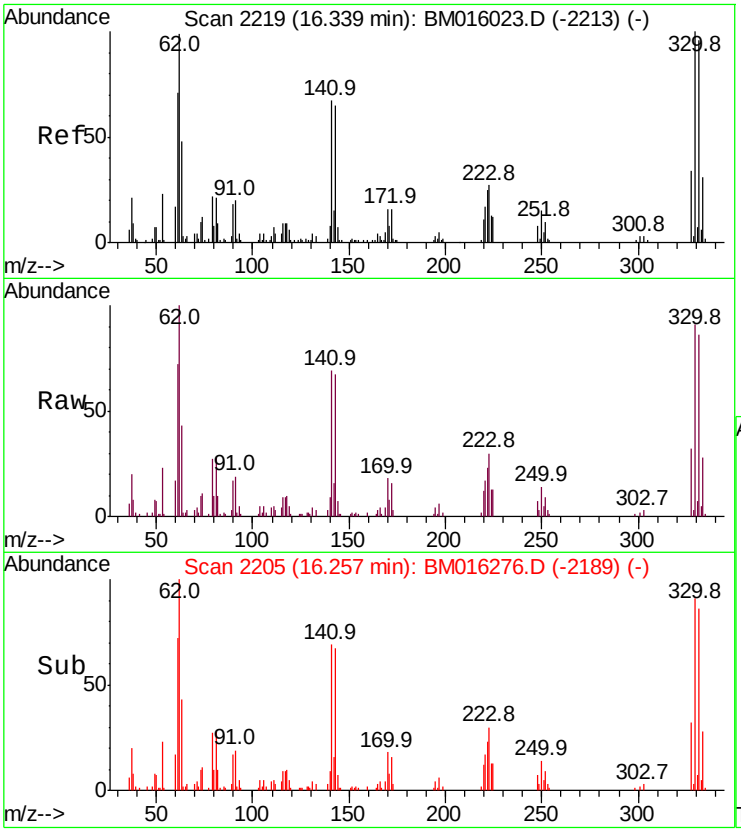


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Tgt Ion:164 Resp: 72216

Ion	Ratio	Lower	Upper
164	100		
162	109.0	82.4	123.6
160	46.7	35.8	53.6



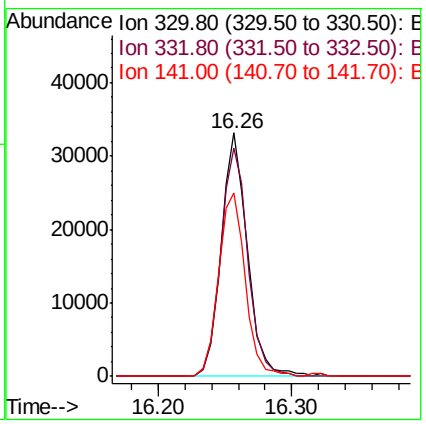


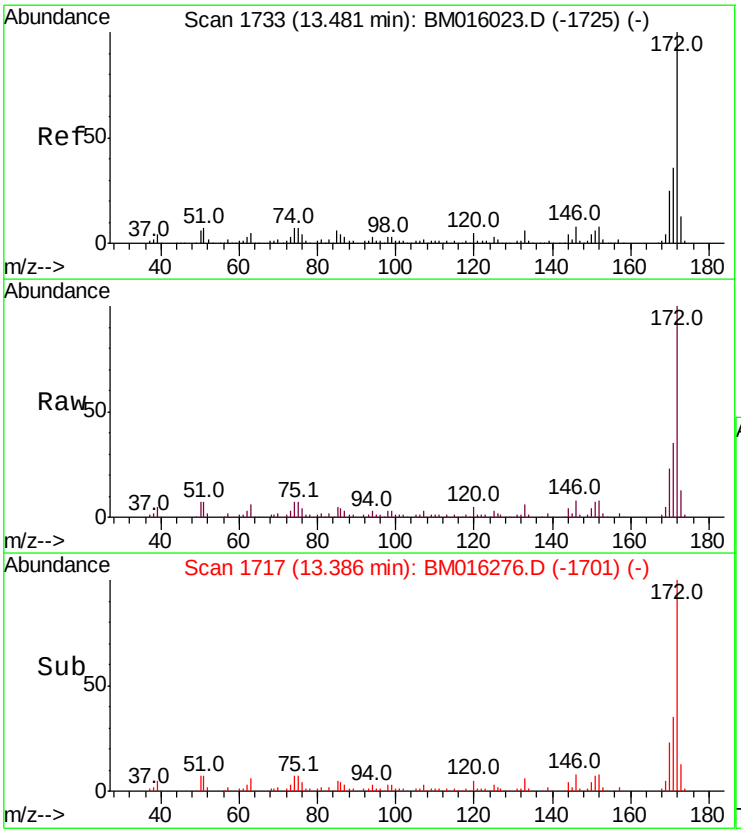
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.26 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Instrument :
BNA_M
ClientSampleId :
FK-GF-01-010-BRE

Tgt Ion:330 Resp: 45773

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	76.7	0.0	0.0#

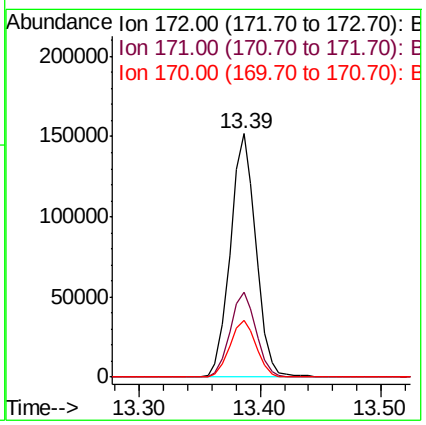


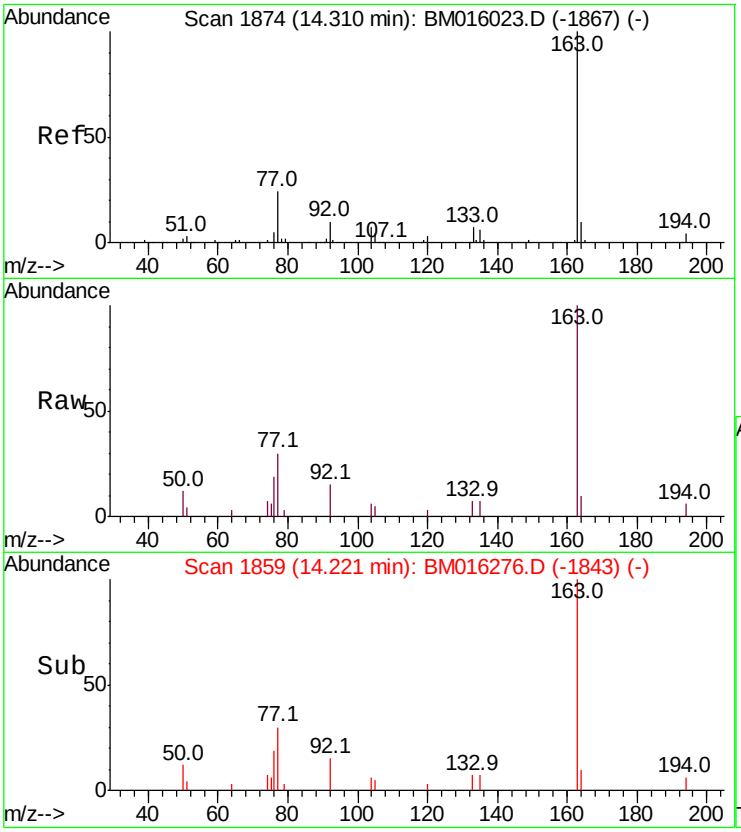


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.39 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Tgt Ion:172 Resp: 224155

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.4	18.8	28.2



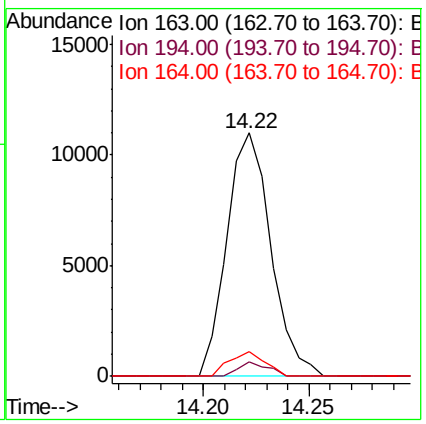


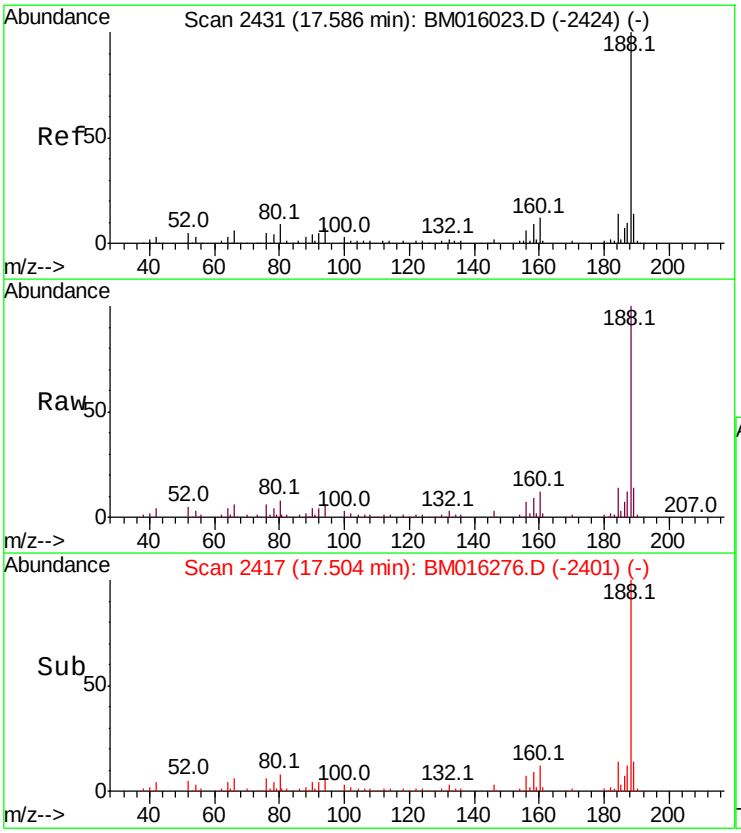
#49
Dimethylphthalate
Concen: 2.509 ng
RT: 14.22 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Instrument :
BNA_M
ClientSampleId :
FK-GF-01-010-BRE

Tgt Ion:163 Resp: 15854

Ion	Ratio	Lower	Upper
163	100		
194	5.8	2.7	4.1#
164	10.0	8.2	12.2

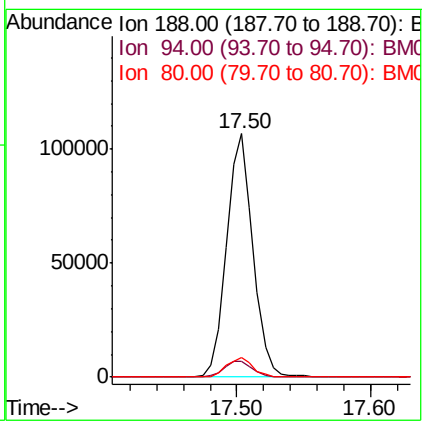


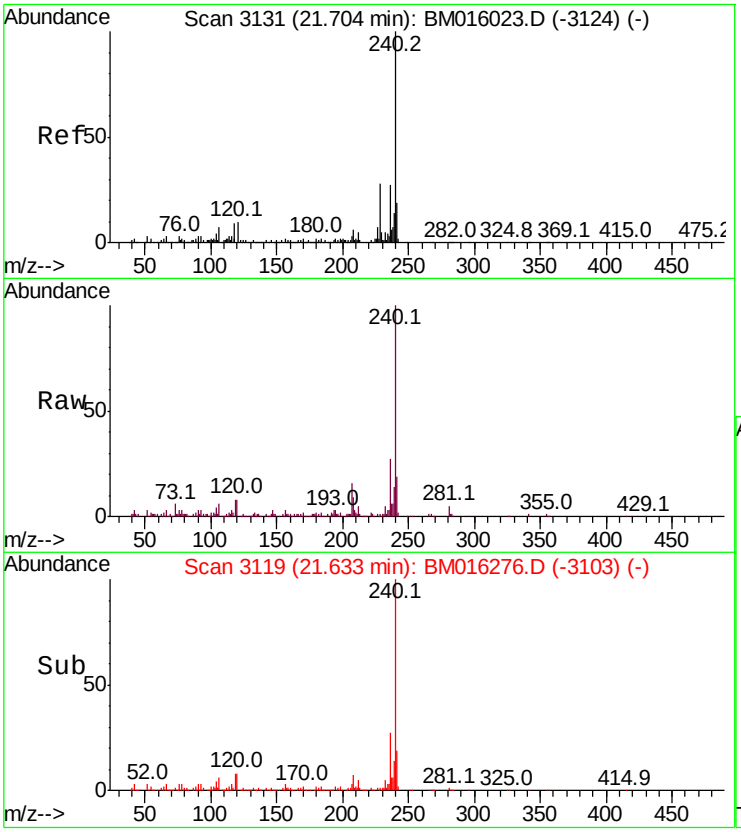


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Tgt Ion:188 Resp: 147318

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	7.9	9.3	13.9#



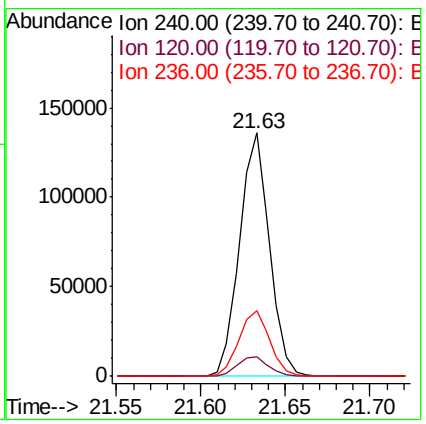


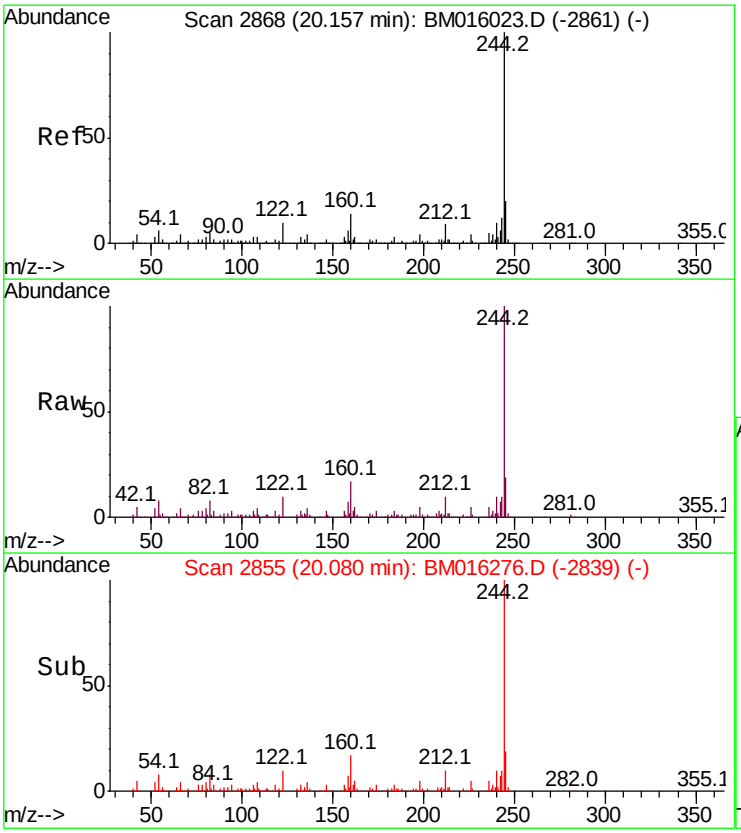
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Instrument :
BNA_M
ClientSampleId :
FK-GF-01-010-BRE

Tgt Ion:240 Resp: 168143

Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.2	12.2
236	27.1	20.0	30.0

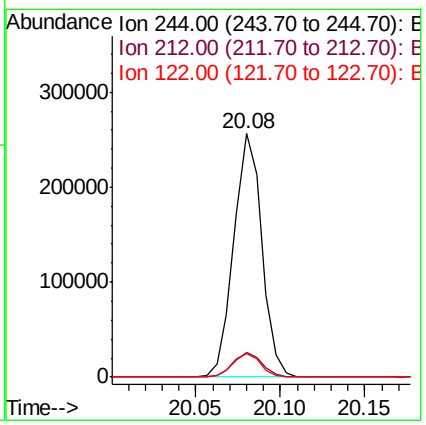


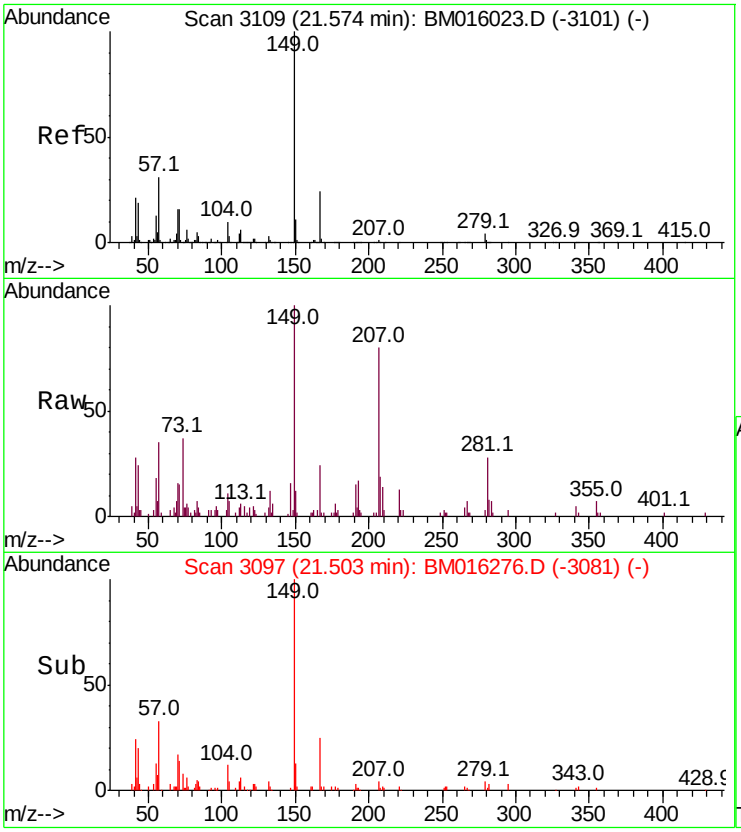


#78
Terphenyl-d14
Concen: Below ng
RT: 20.08 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Tgt Ion:244 Resp: 296273

Ion	Ratio	Lower	Upper
244	100		
212	10.4	4.9	7.3#
122	9.7	6.2	9.4#



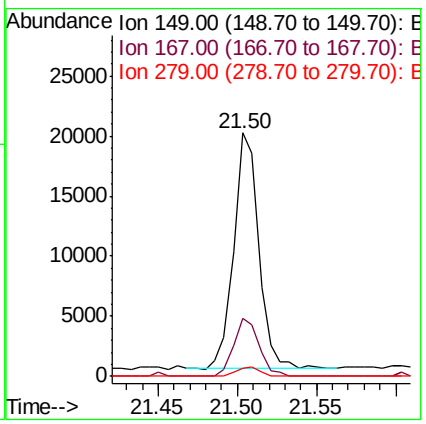


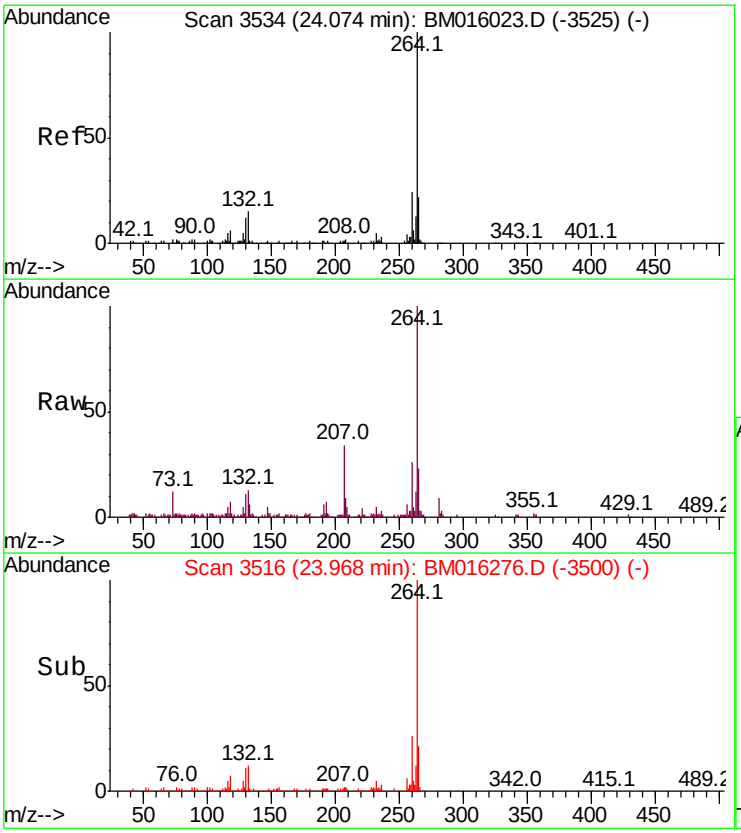
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.872 ng
RT: 21.50 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Instrument :
BNA_M
ClientSampleId :
FK-GF-01-010-BRE

Tgt Ion:149 Resp: 21309

Ion	Ratio	Lower	Upper
149	100		
167	23.9	22.4	33.6
279	3.5	3.4	5.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BM016276.D
Acq: 09 Aug 2018 11:47

Tgt Ion:264 Resp: 193030

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.6	27.8
265	22.6	17.3	25.9