Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018429.D
Acq On : 28 Dec 2018 11:43
Operator : JU/SJ
Sample : J6571-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 50087

Quant Time: Dec 28 13:30:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	443152	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	1861477	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	1094325	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	2490262	20.00	ng		0.00
76) Chrysene-d12	21.37	240	2722610	20.00	ng		0.00
87) Perylene-d12	23.66	264	2584192	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	3269959	139.12	ng		0.02
7) Phenol-d6	6.96	99	3868166	118.52	ng		0.02
23) Nitrobenzene-d5	8.95	82	3042313	93.80	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	2141243	154.00	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	7755978	95.99	ng		0.00
79) Terphenyl-d14	19.81	244	11627852	91.01	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.92	77	52494	2.291	ng	#	1
18) Hexachloroethane	8.88	117	168829	13.982	ng	#	1
22) Acetophenone	8.57	105	115213	2.438	ng	#	59
26) 2-Nitrophenol	9.70	139	498	7.975	ng	#	1
31) Naphthalene	10.63	128	4393392	48.968	ng		99
32) Benzoic acid	9.84	122	20814	5.112	ng	#	80
37) 2-Methylnaphthalene	12.24	142	1008783	15.354	ng		99
38) 1-Methylnaphthalene	12.46	142	423088	6.624	ng		97
56) 4-Nitrophenol	14.62	139	432	5.688	ng	#	1
80) Butylbenzylphthalate	20.50	149	1481	6.652	ng	#	1

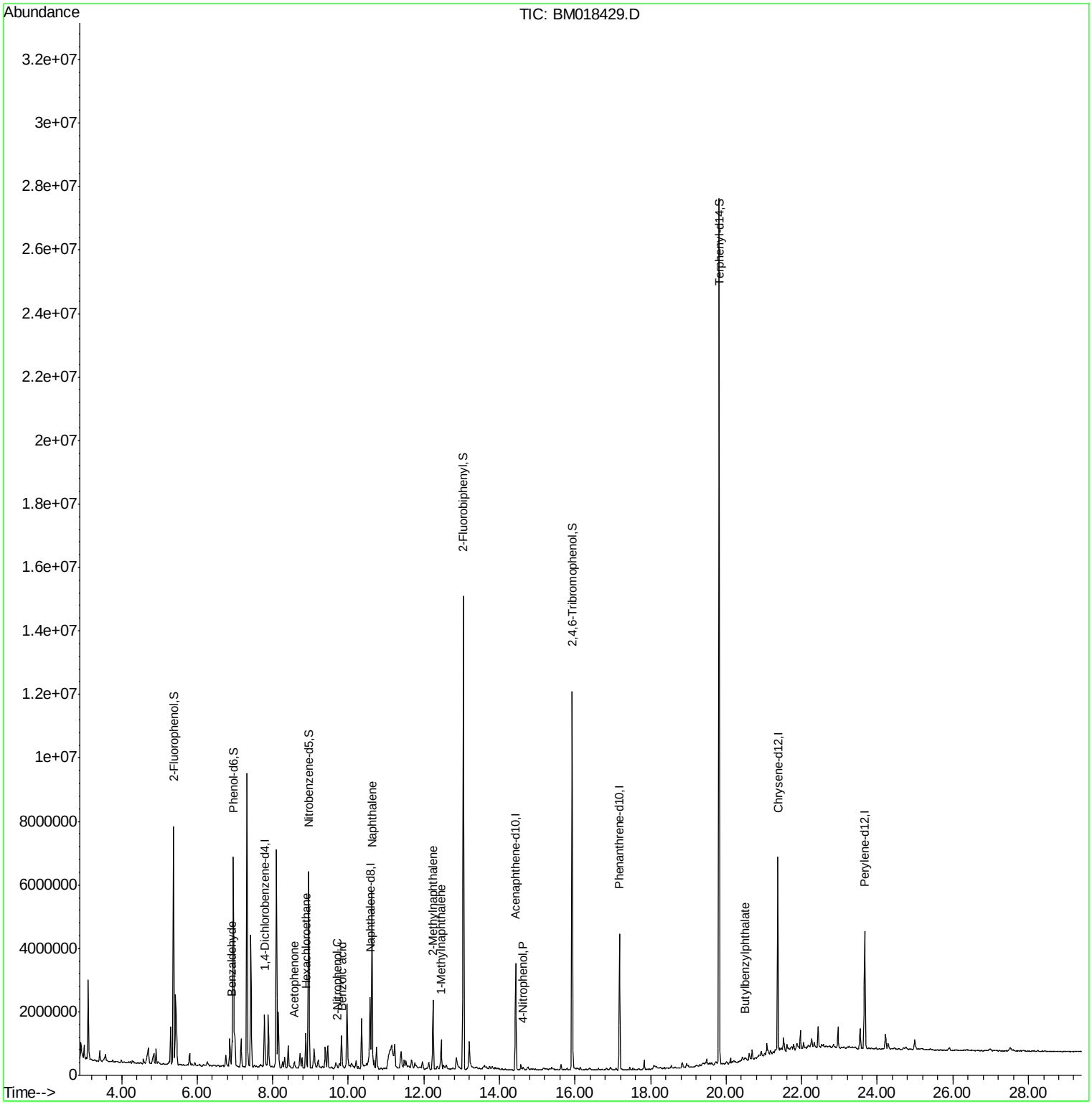
(#) = qualifier out of range (m) = manual integration (+) = signals summed

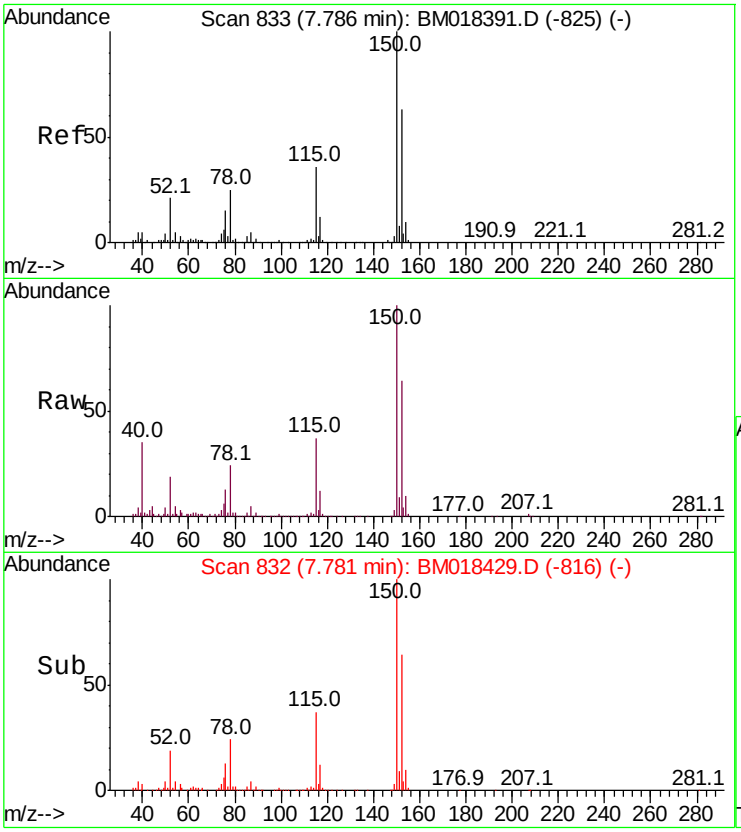
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018429.D
Acq On : 28 Dec 2018 11:43
Operator : JU/SJ
Sample : J6571-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
50087

Quant Time: Dec 28 13:30:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration



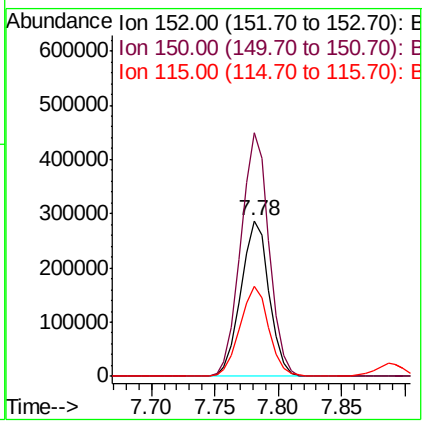


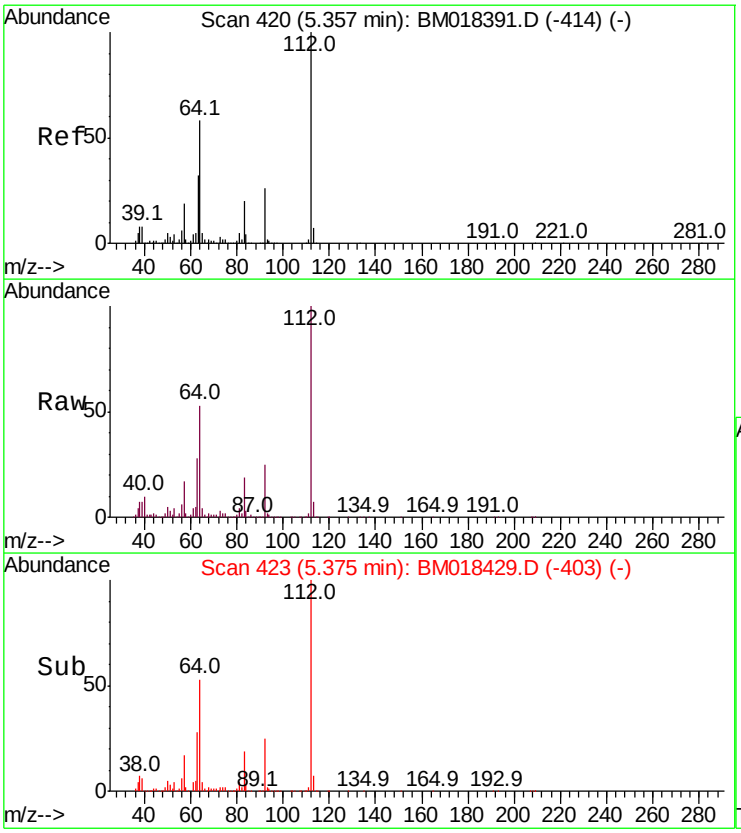
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion:152 Resp: 443152

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.9	190.3
115	58.3	45.5	68.3

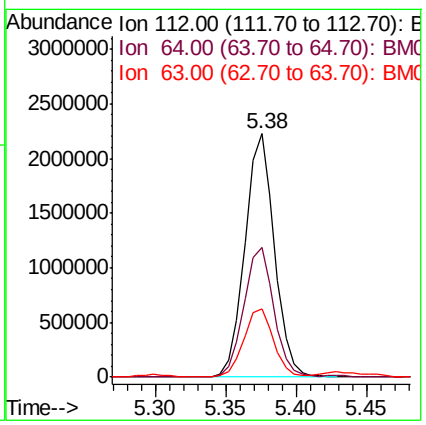


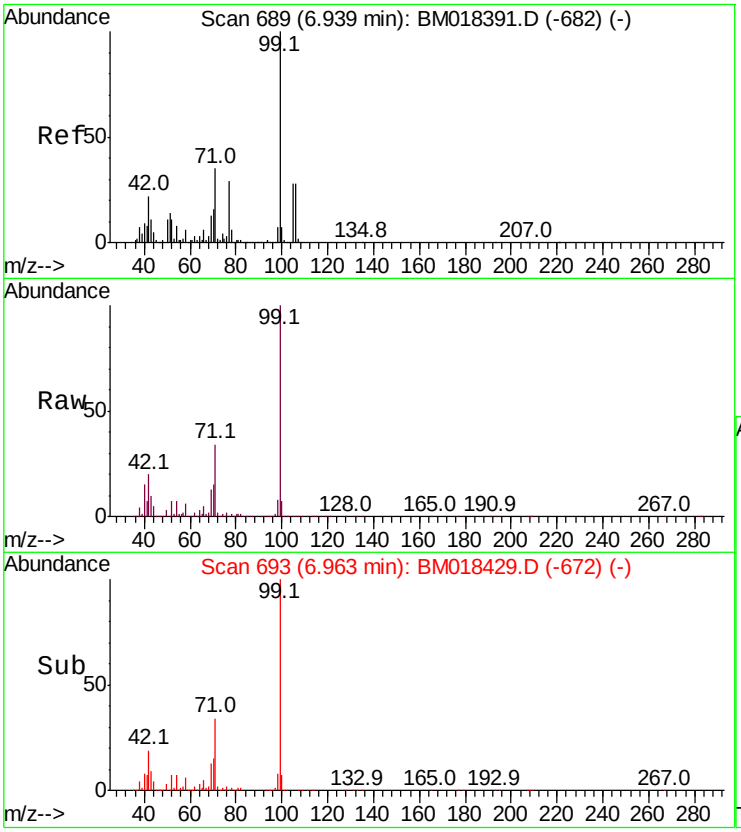


#5
2-Fluorophenol
Concen: 139.118 ng
RT: 5.38 min Scan# 423
Delta R.T. 0.02 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion:112 Resp: 3269959

Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	28.3	25.2	37.8



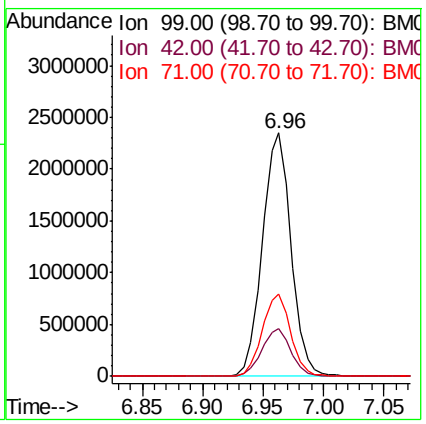


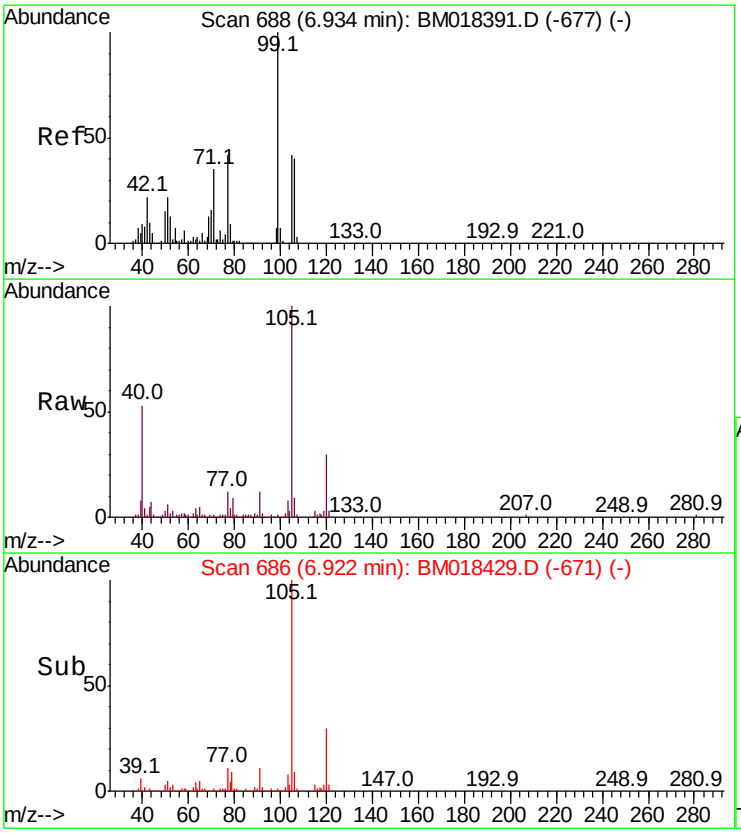
#7
Phenol-d6
Concen: 118.517 ng
RT: 6.96 min Scan# 693
Delta R.T. 0.02 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion: 99 Resp: 3868166

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.3	25.9
71	33.9	28.0	42.0

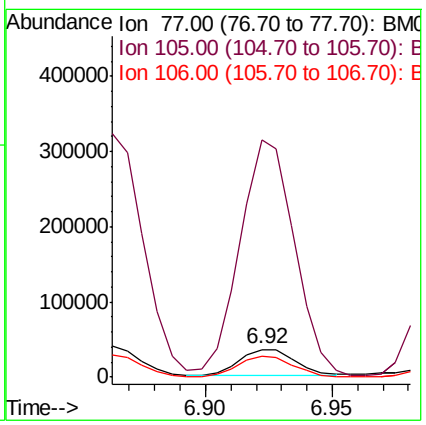


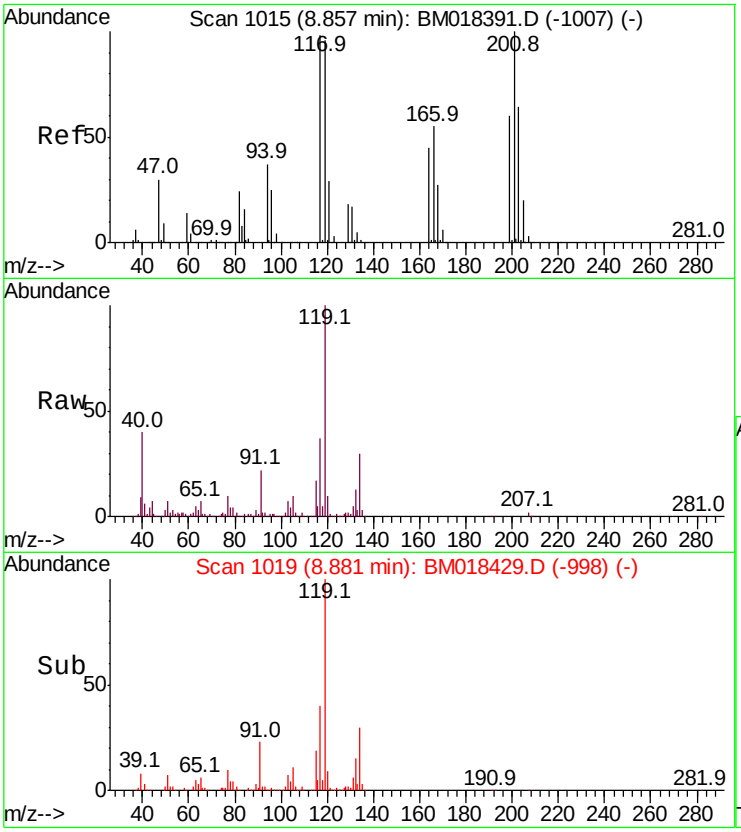


#9
Benzaldehyde
Concen: 2.291 ng
RT: 6.92 min Scan# 686
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion: 77 Resp: 52494

Ion	Ratio	Lower	Upper
77	100		
105	866.8	79.7	119.7#
106	78.7	75.2	115.2



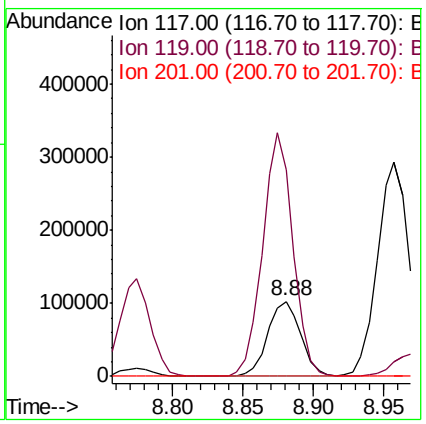


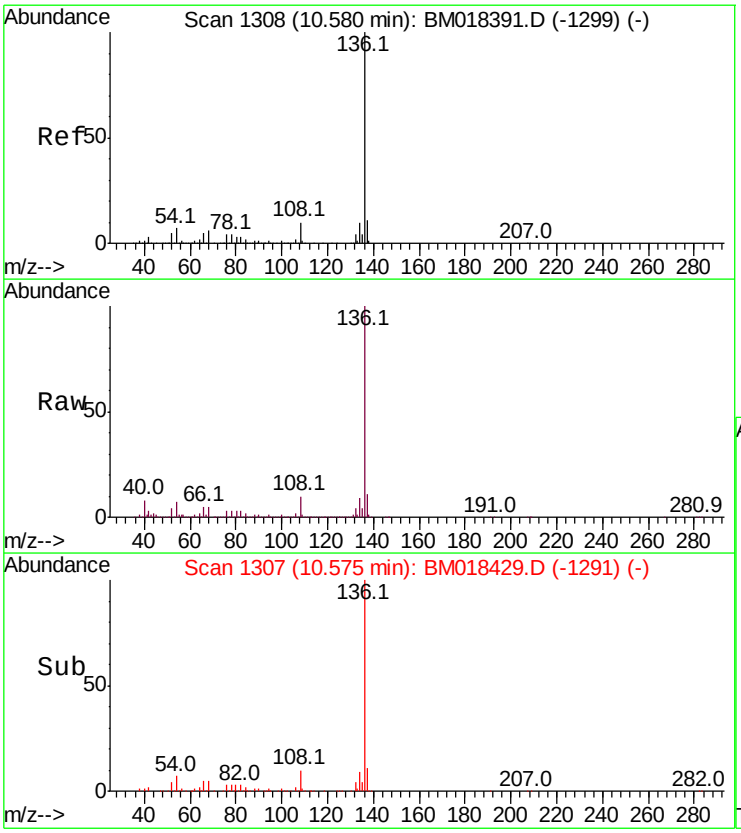
#18
Hexachloroethane
Concen: 13.982 ng
RT: 8.88 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion:117 Resp: 168829

Ion	Ratio	Lower	Upper
117	100		
119	273.7	78.3	117.5#
201	0.0	81.4	122.0#

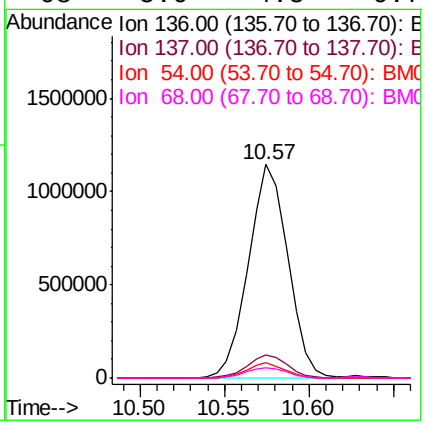


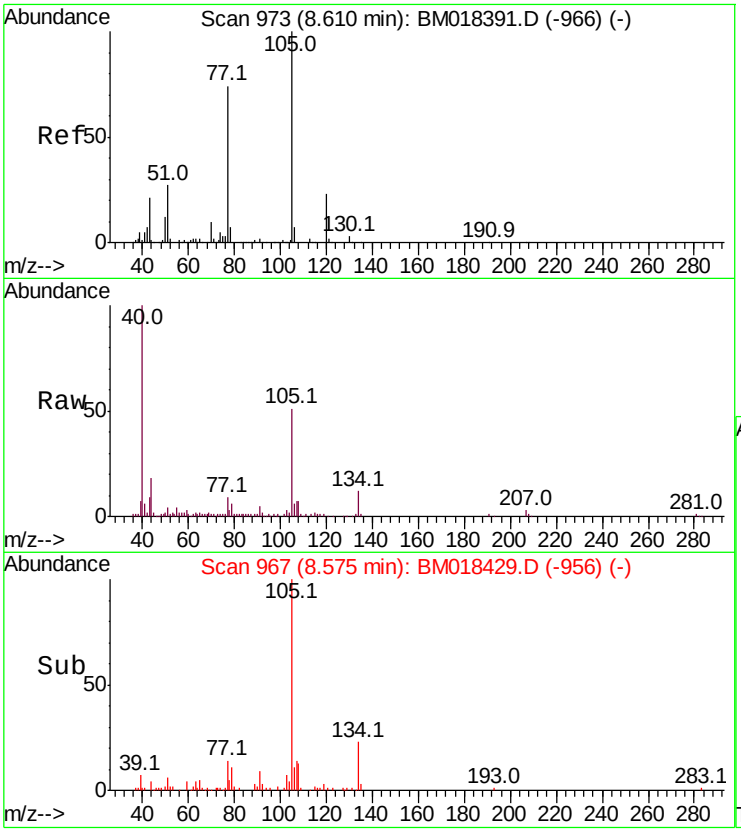


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion:136 Resp: 1861477

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.0	6.0	9.0
68	5.0	4.5	6.7



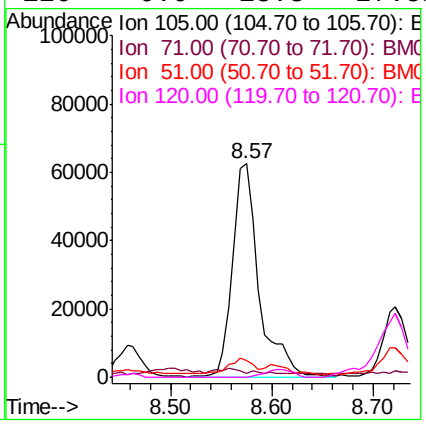


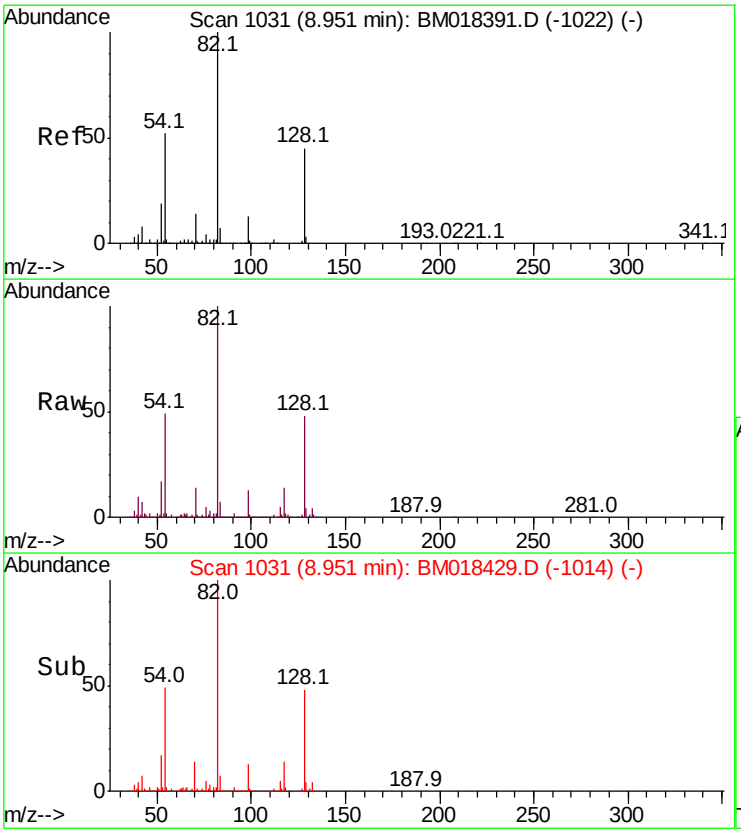
#22
Acetophenone
Concen: 2.438 ng
RT: 8.57 min Scan# 967
Delta R.T. -0.04 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion:105 Resp: 115213

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.7	2.5
51	8.1	22.6	34.0#
120	0.0	18.3	27.5#

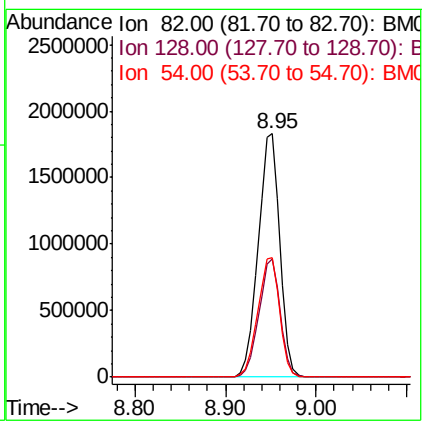


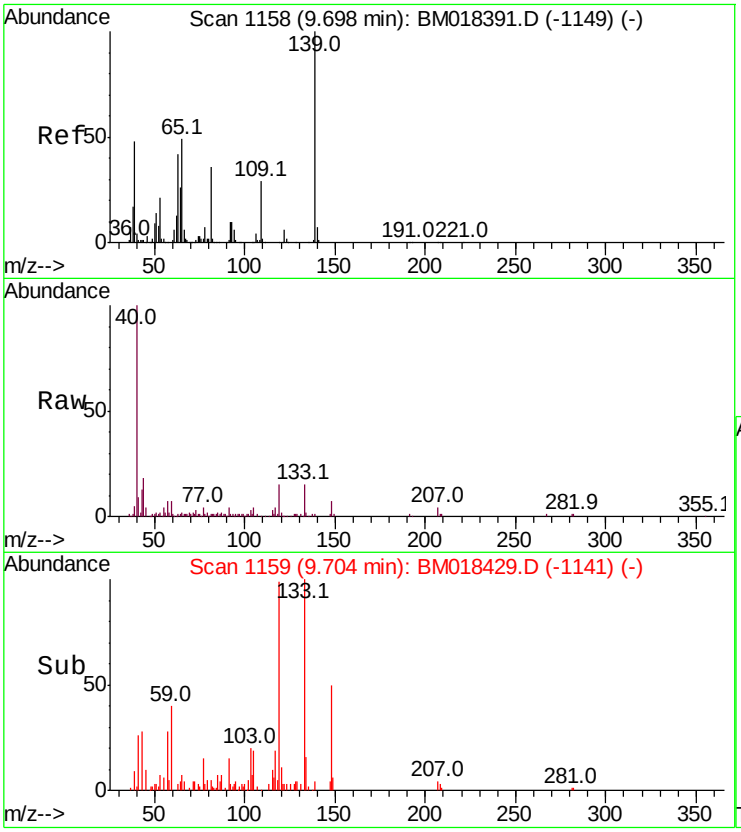


#23
Nitrobenzene-d5
Concen: 93.802 ng
RT: 8.95 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion: 82 Resp: 3042313

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.3	54.5
54	48.8	41.7	62.5



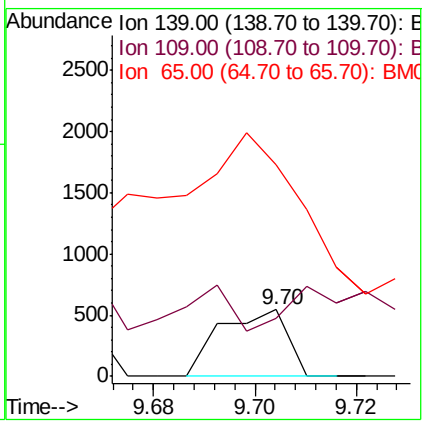


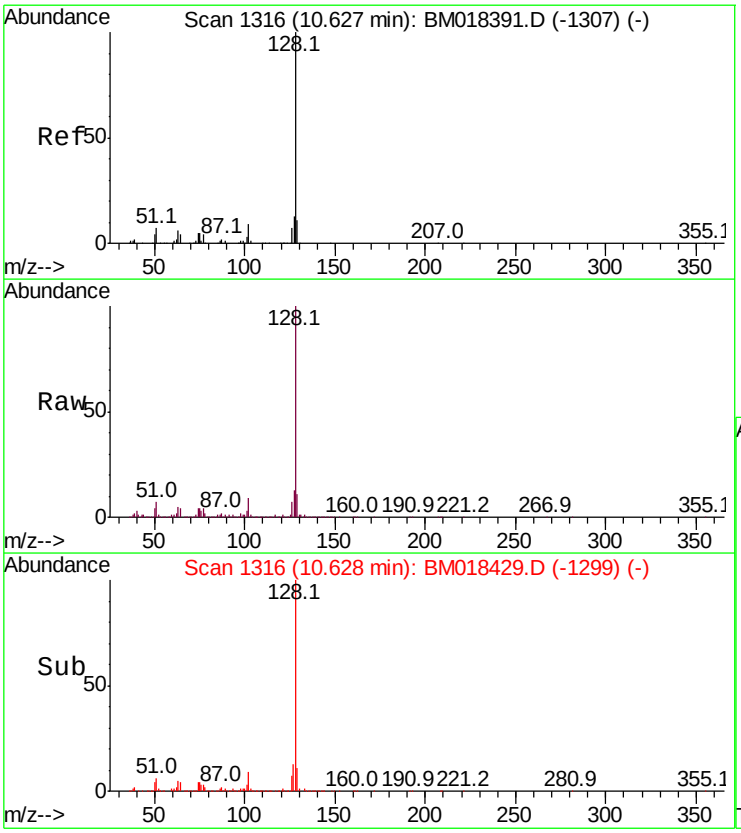
#26
2-Nitrophenol
Concen: 7.975 ng
RT: 9.70 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion:139 Resp: 498

Ion	Ratio	Lower	Upper
139	100		
109	86.3	23.4	35.2#
65	316.1	39.4	59.2#

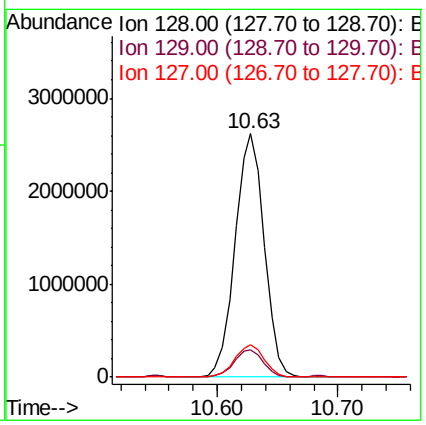


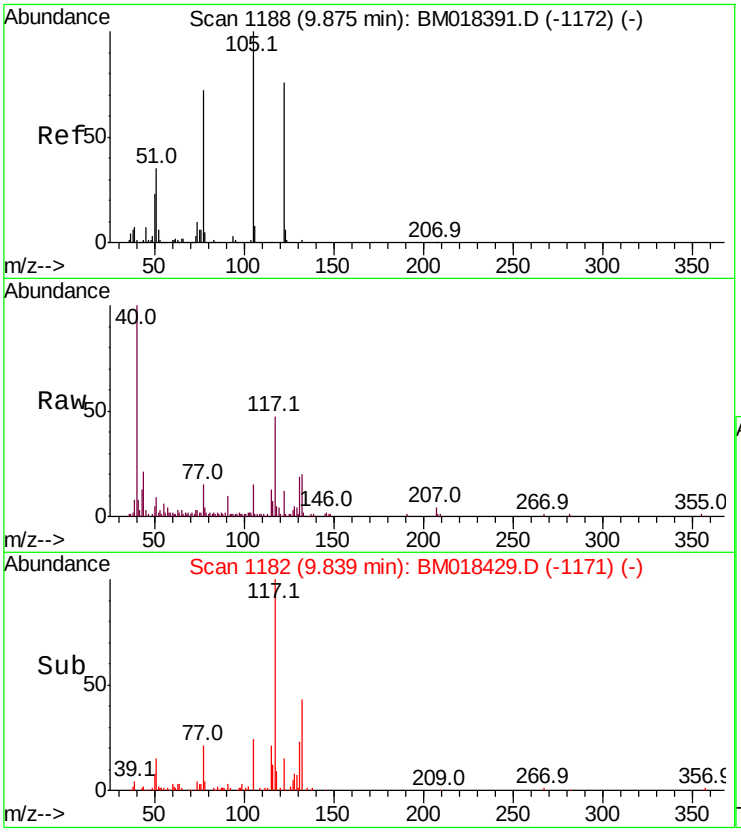


#31
Naphthalene
Concen: 48.968 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion:128 Resp: 4393392

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.1	10.8	16.2



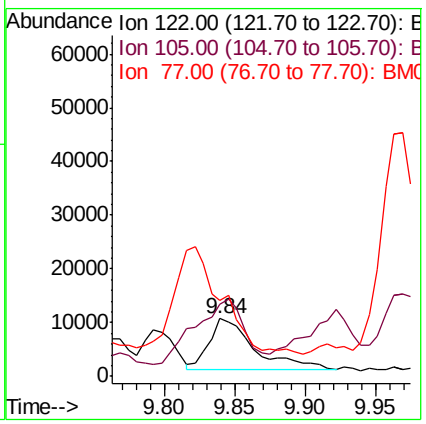


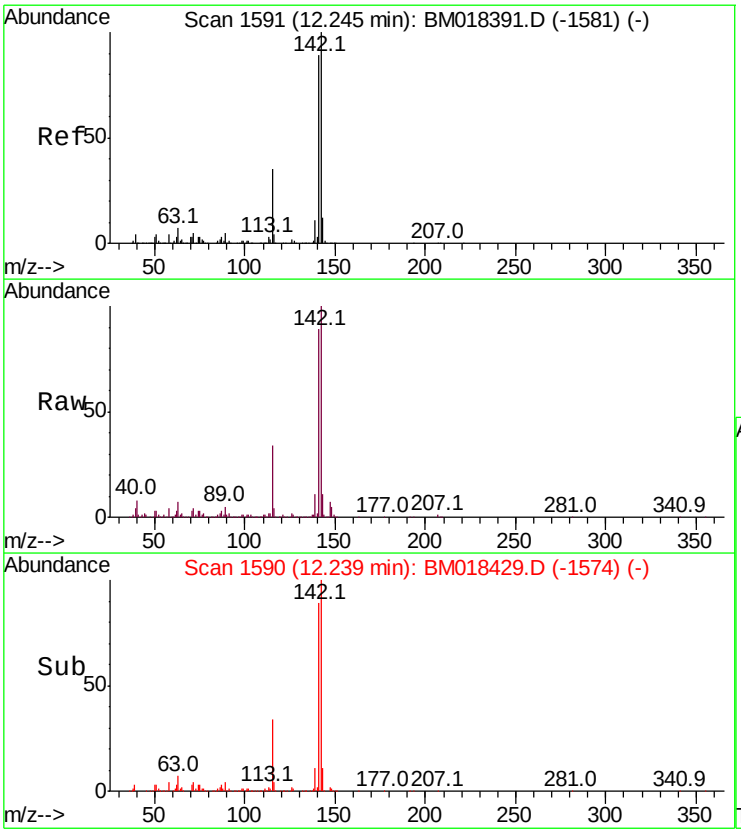
#32
Benzoic acid
Concen: 5.112 ng
RT: 9.84 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion:122 Resp: 20814

Ion	Ratio	Lower	Upper
122	100		
105	124.3	100.4	140.4
77	131.0	71.7	111.7#

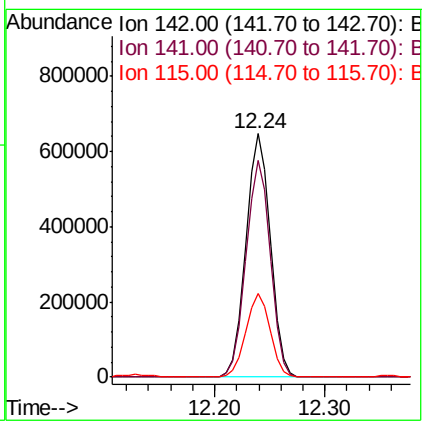


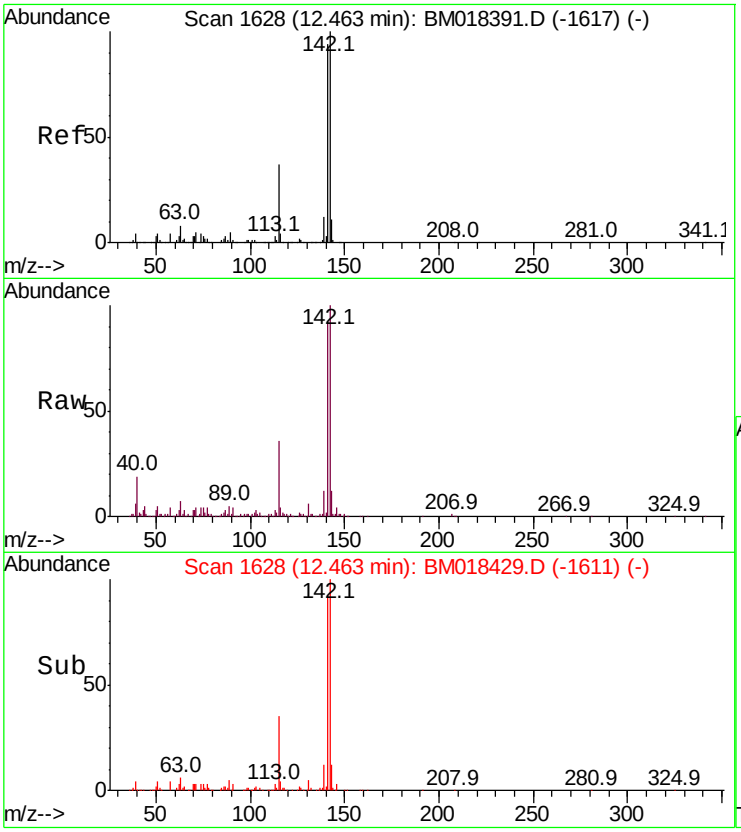


#37
2-Methylnaphthalene
Concen: 15.354 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion:142 Resp: 1008783

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	34.1	28.0	42.0



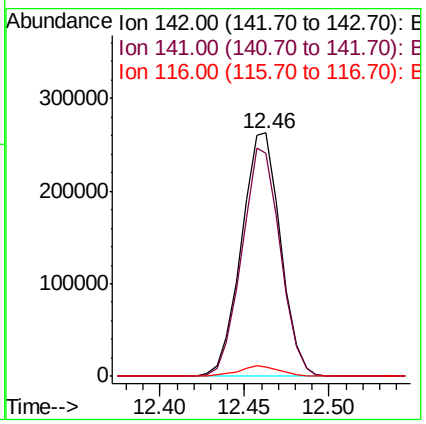


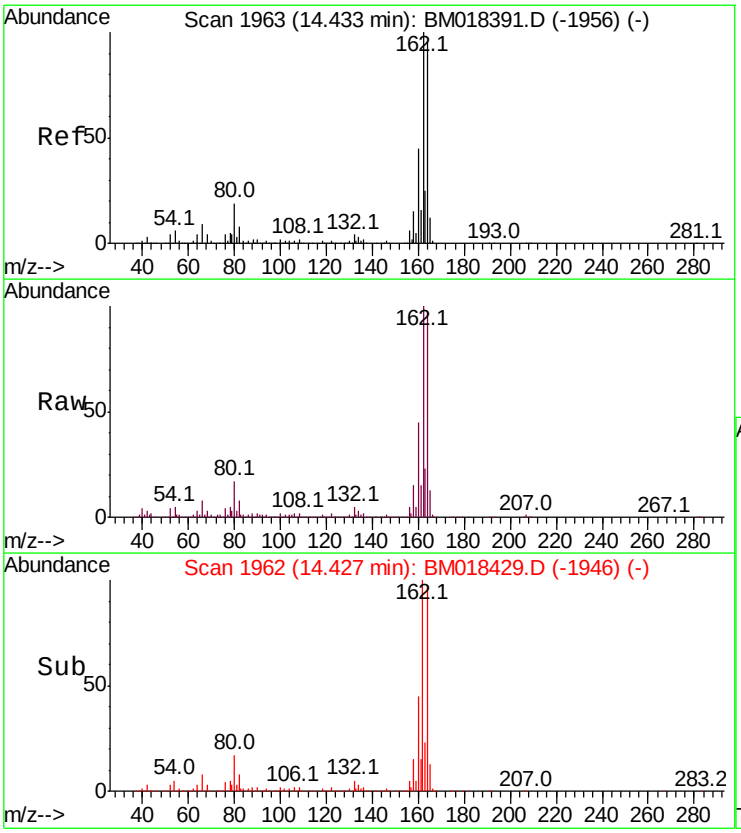
#38
1-Methylnaphthalene
Concen: 6.624 ng
RT: 12.46 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion:142 Resp: 423088

Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.6	113.4
116	3.8	3.0	4.6

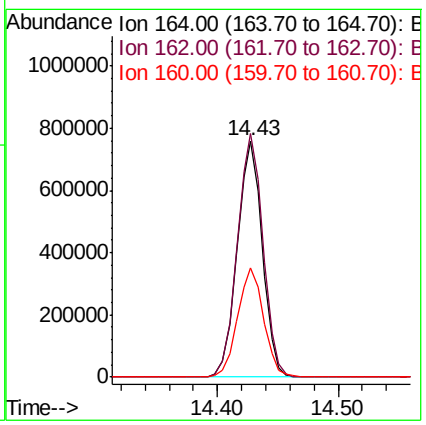


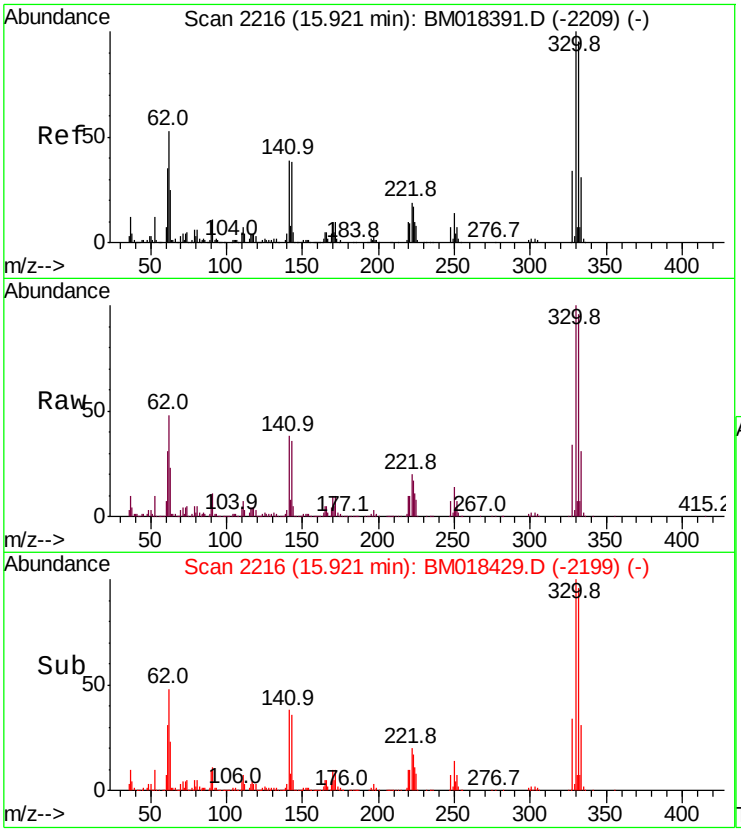


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion:164 Resp: 1094325

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.4
160	46.4	37.1	55.7



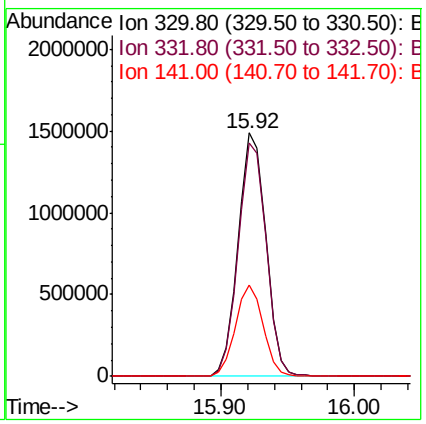


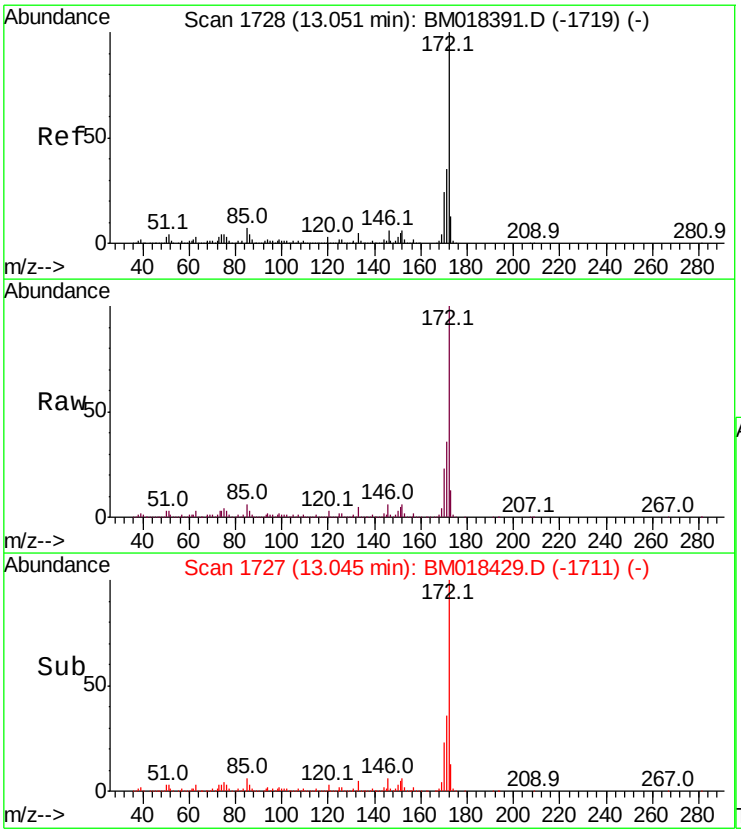
#42
2,4,6-Tribromophenol
Concen: 153.998 ng
RT: 15.92 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion:330 Resp: 2141243

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	37.7	31.7	47.5

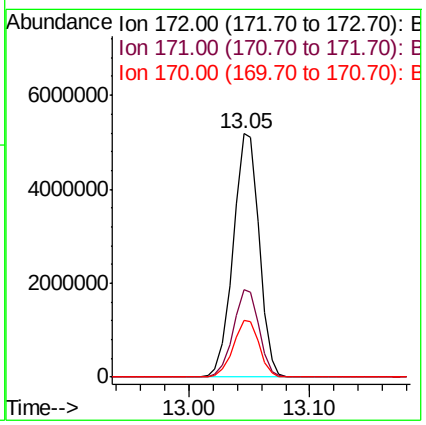


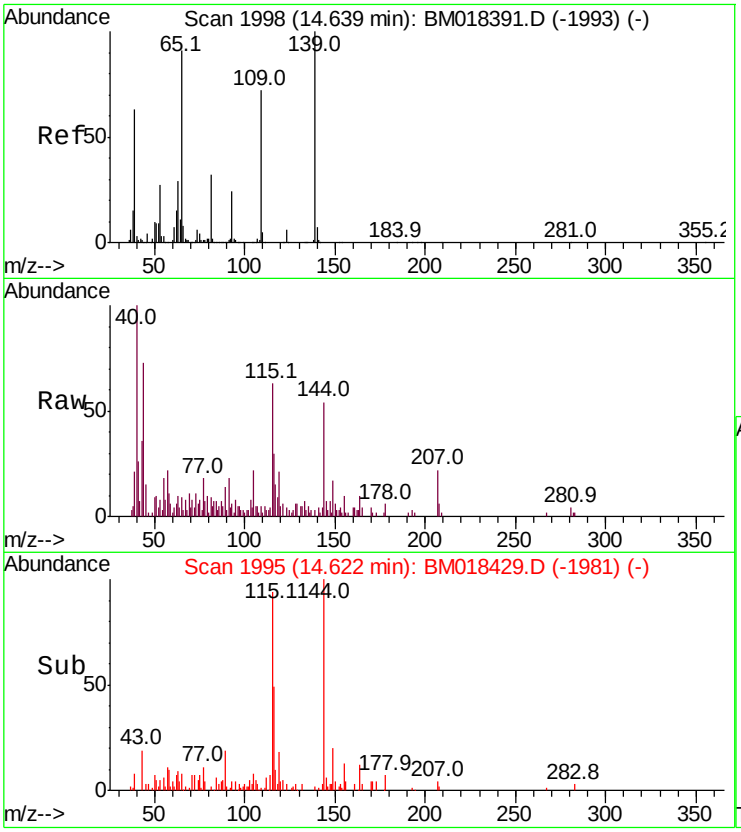


#45
2-Fluorobiphenyl
Concen: 95.992 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion:172 Resp: 7755978

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.1	18.9	28.3



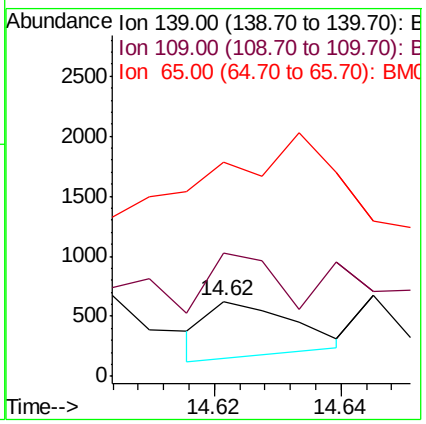


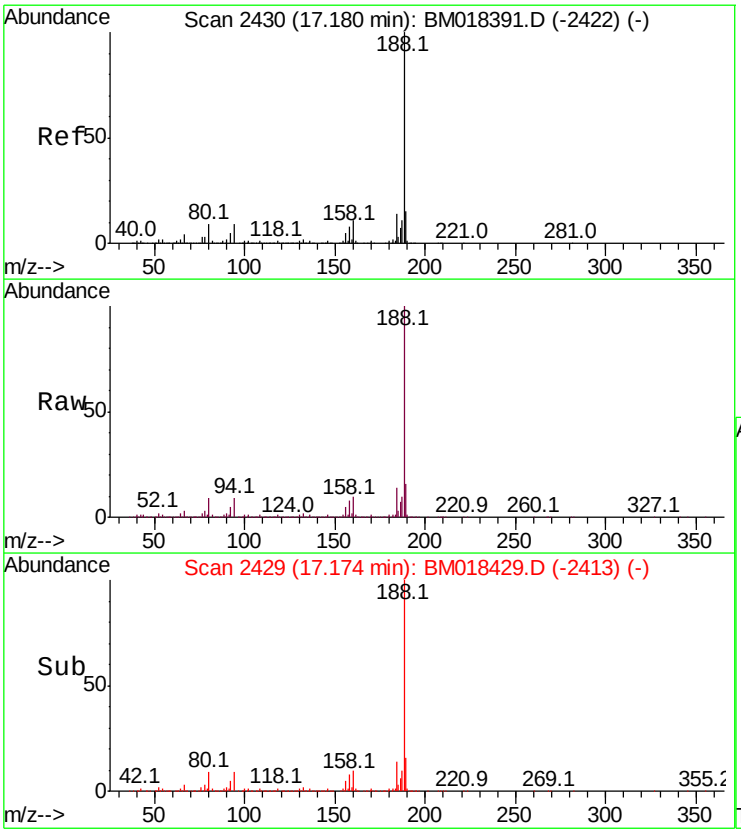
#56
4-Nitrophenol
Concen: 5.688 ng
RT: 14.62 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion:139 Resp: 432

Ion	Ratio	Lower	Upper
139	100		
109	165.1	51.7	91.7#
65	287.6	71.4	111.4#

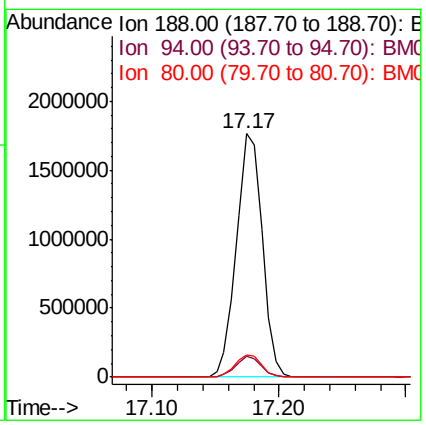


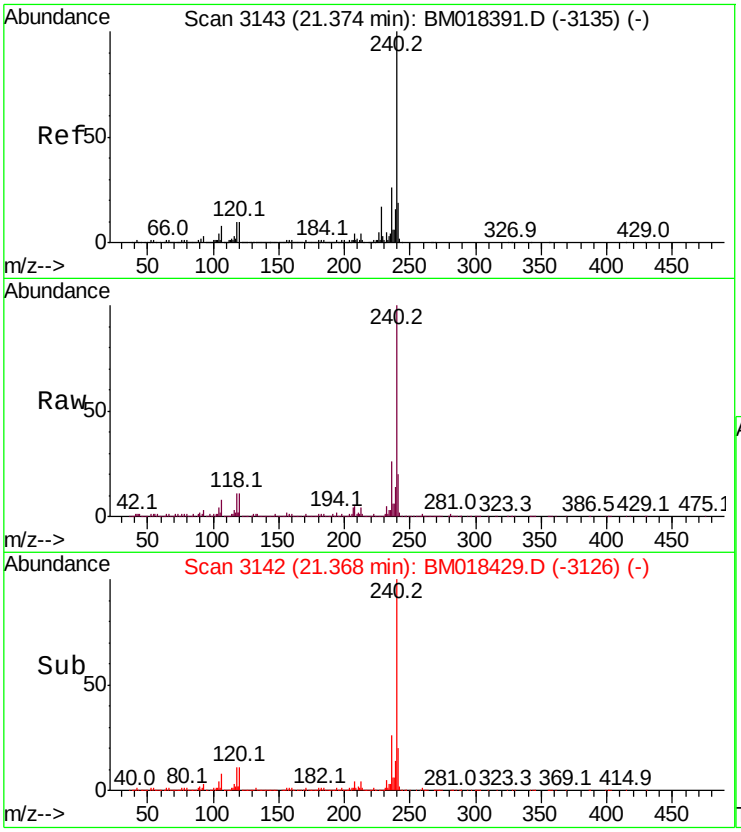


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion:188 Resp: 2490262

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.1	7.6	11.4



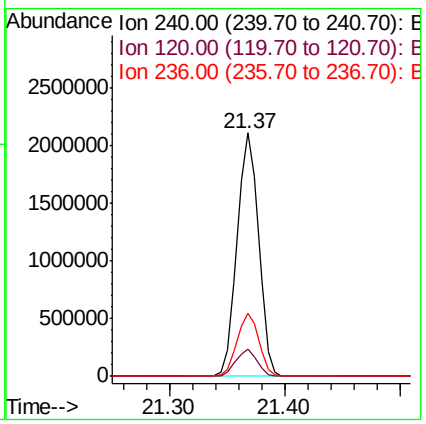


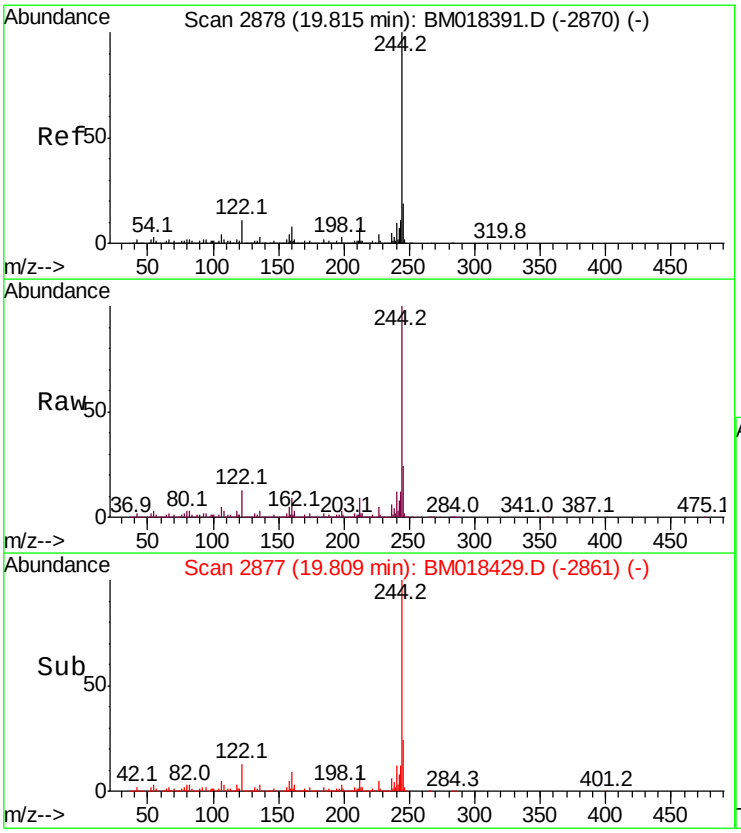
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion:240 Resp: 2722610

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.4	12.6
236	26.1	20.7	31.1

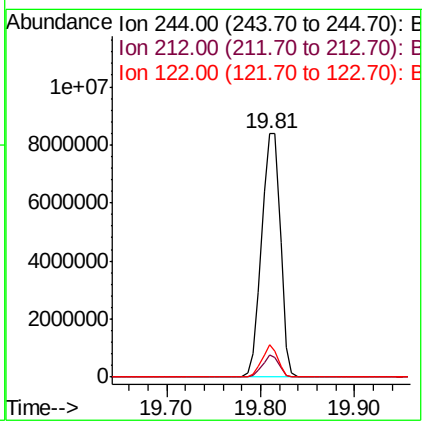


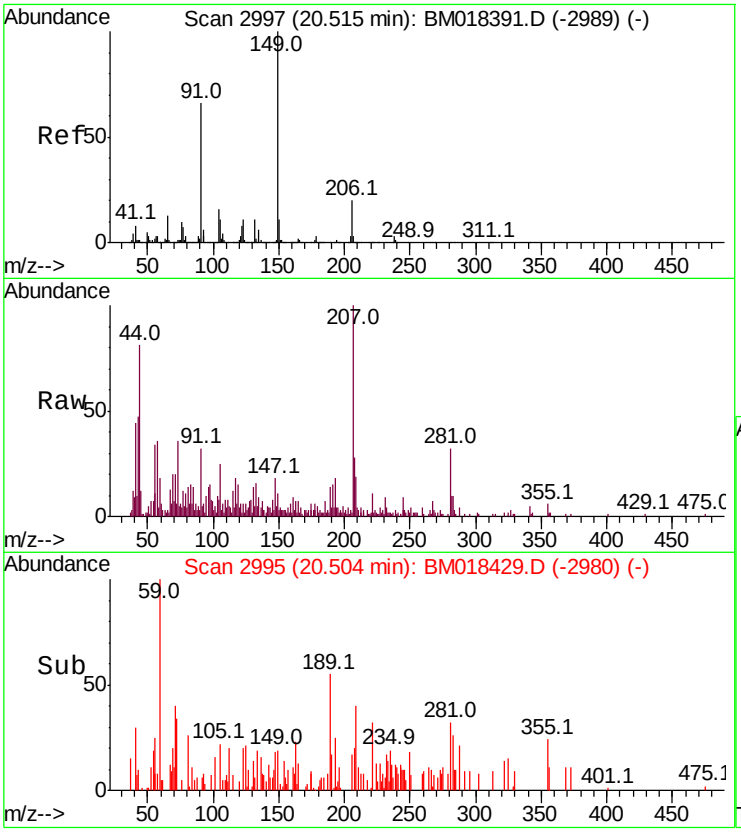


#79
Terphenyl-d14
Concen: 91.007 ng
RT: 19.81 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion:244 Resp:11627852

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.9	8.9#
122	13.1	9.0	13.4



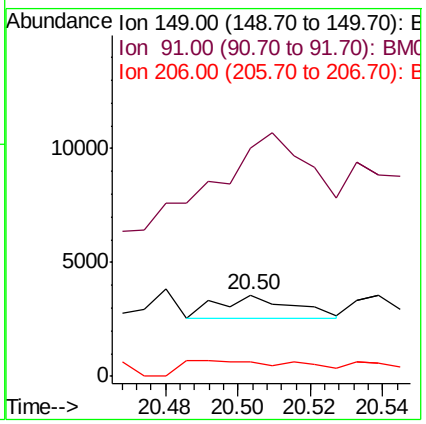


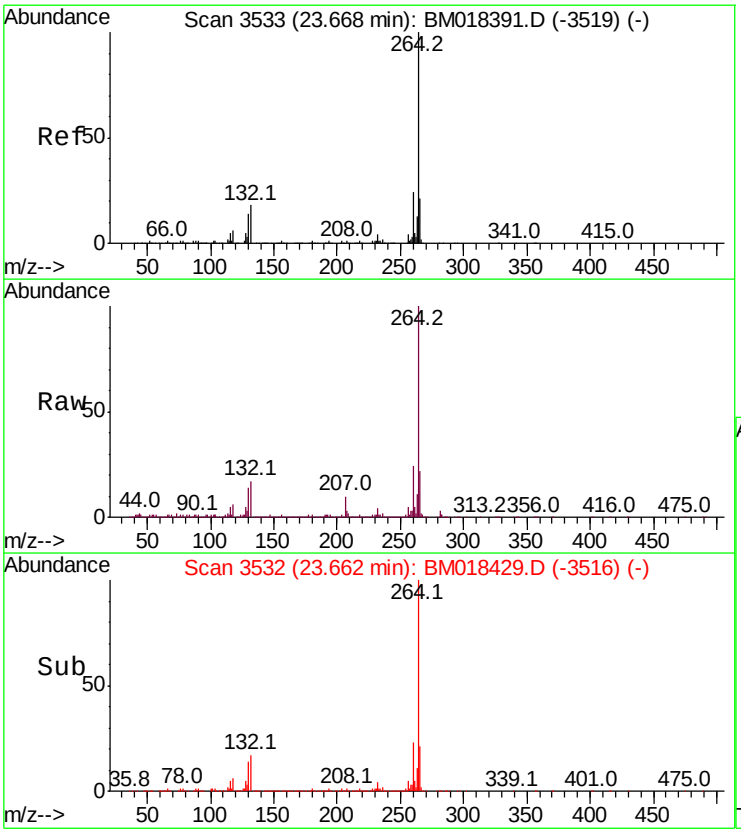
#80
Butylbenzylphthalate
Concen: 6.652 ng
RT: 20.50 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tgt Ion:149 Resp: 1481

Ion	Ratio	Lower	Upper
149	100		
91	279.6	53.1	79.7#
206	17.1	16.2	24.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion:264 Resp: 2584192

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.7	16.8	25.2