Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
Data File : BM016348.D
Acq On : 14 Aug 2018 11:11
Operator : SJ/JU
Sample : J4447-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-1-7

Quant Time: Aug 15 11:36:27 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 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	22596	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	81745	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	40541	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	92241	20.00	ng	0.00
75) Chrysene-d12	21.62	240	110894	20.00	ng	0.00
86) Perylene-d12	23.95	264	115488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	165294	121.51	ng	0.00
7) Phenol-d6	7.29	99	192466	108.34	ng	0.00
23) Nitrobenzene-d5	9.30	82	145603	82.85	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	59650	116.01	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	210050	63.04	ng	0.00
78) Terphenyl-d14	20.07	244	369557	69.76	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.21	163	26591	7.495	ng	# 96

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

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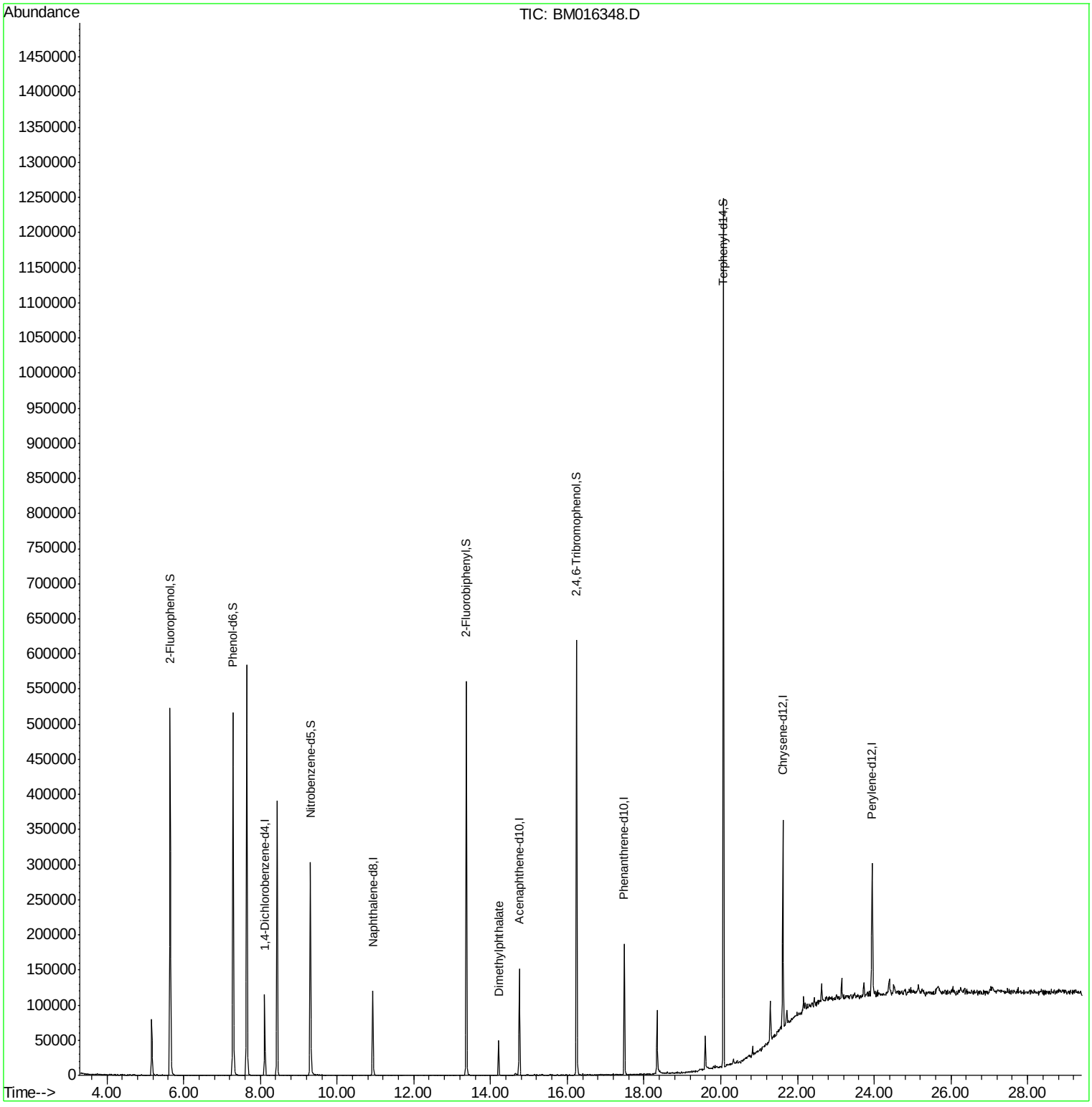
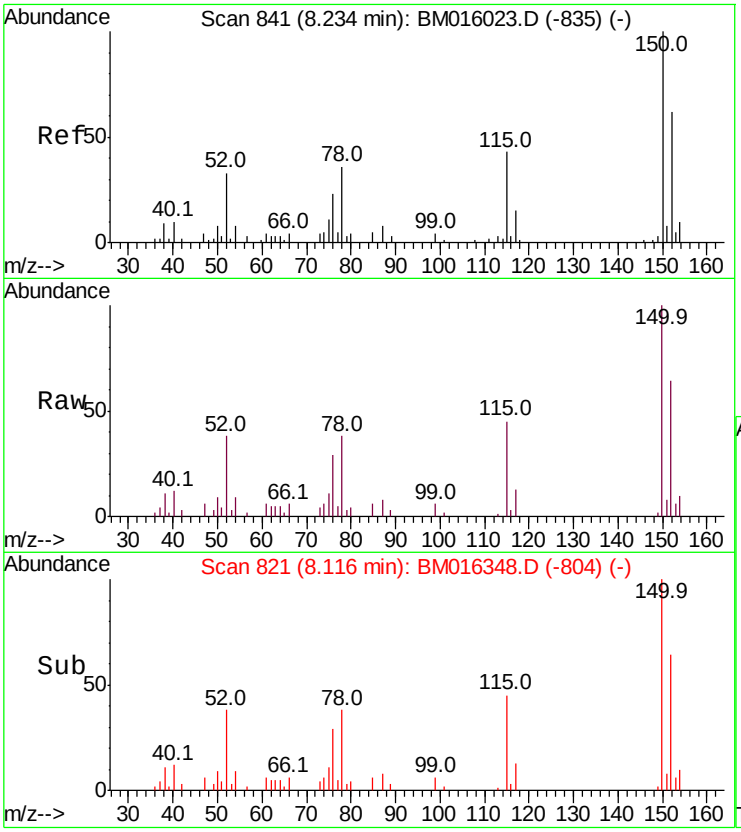


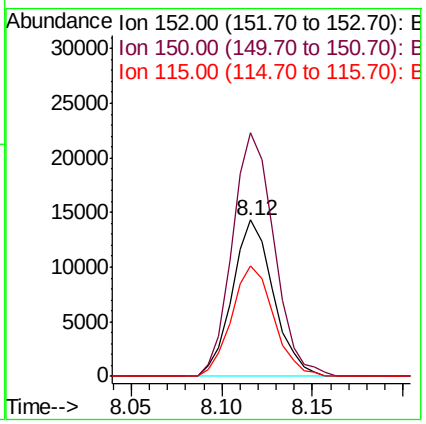


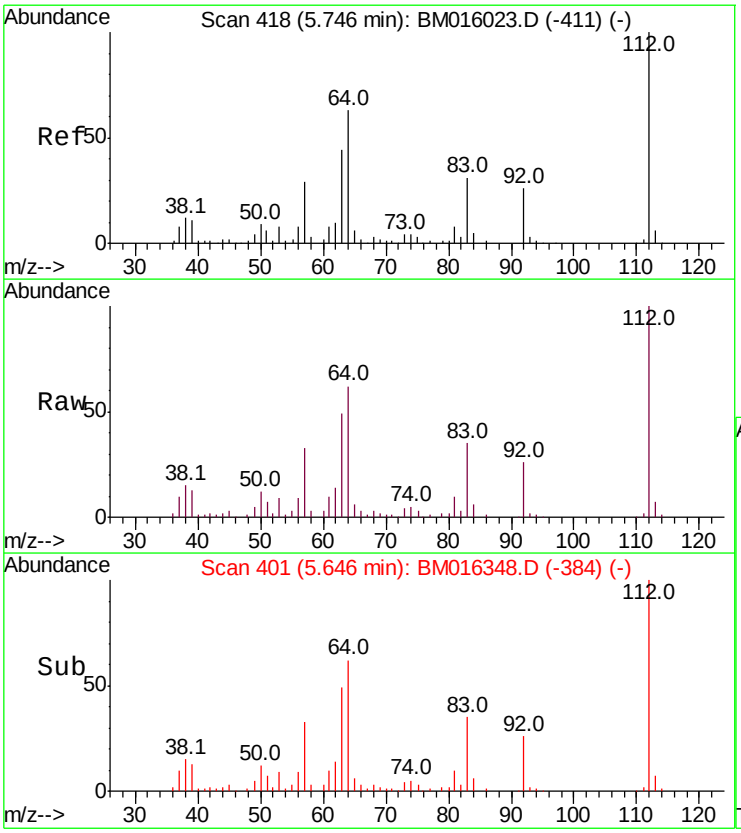
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 821
Delta R.T. -0.00 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion:152 Resp: 22596

Ion	Ratio	Lower	Upper
152	100		
150	155.8	119.5	179.3
115	70.5	43.0	64.4#

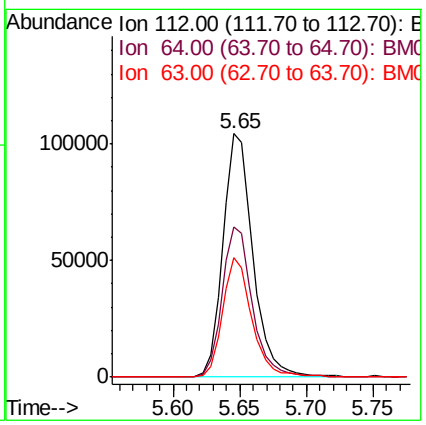


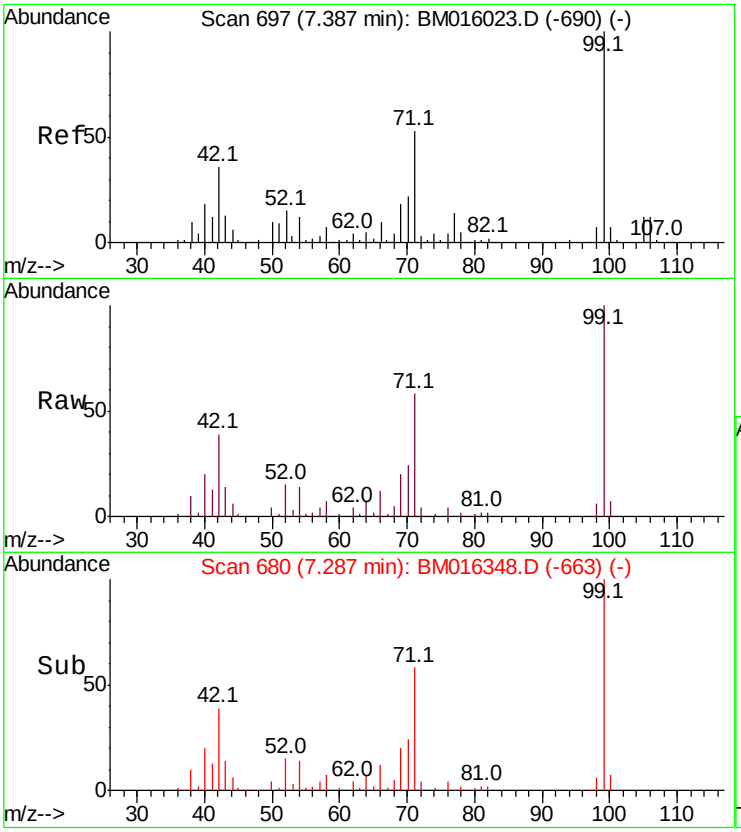


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Tgt Ion:112 Resp: 165294

Ion	Ratio	Lower	Upper
112	100		
64	61.9	38.6	57.8#
63	49.3	19.3	28.9#



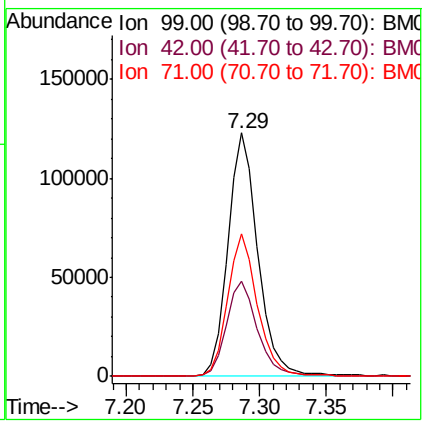


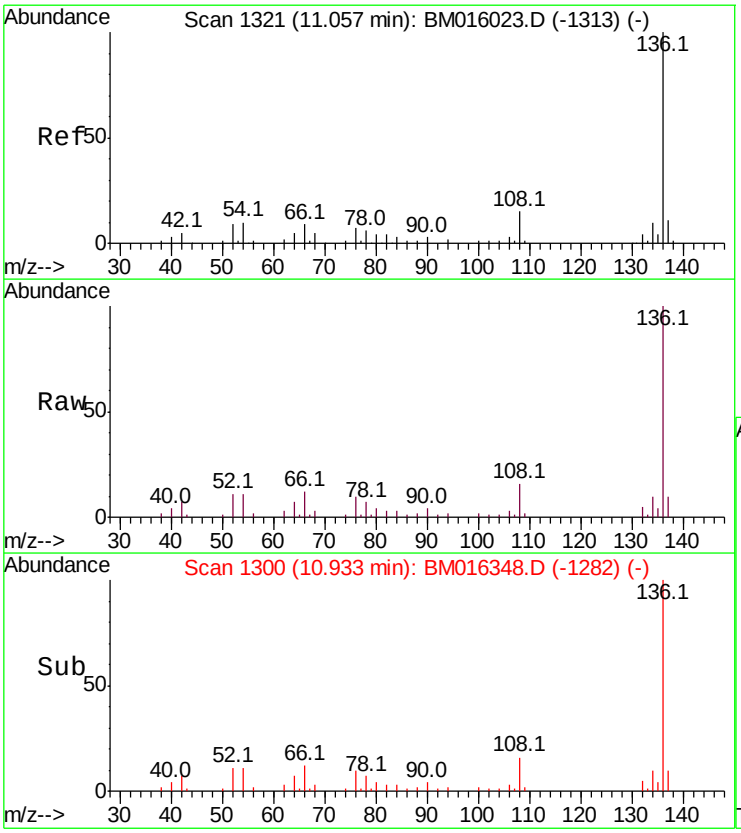
#7
Phenol-d6
Concen: N.D. ng
RT: 7.29 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion: 99 Resp: 192466

Ion	Ratio	Lower	Upper
99	100		
42	39.0	11.0	16.4#
71	58.4	23.4	35.2#

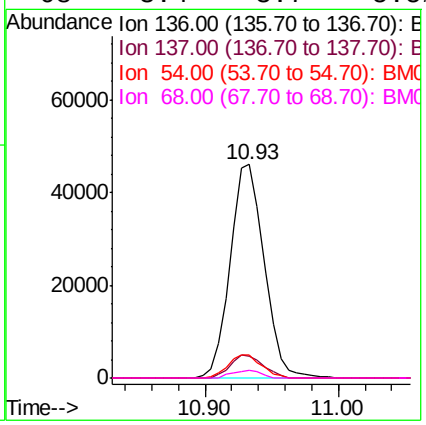


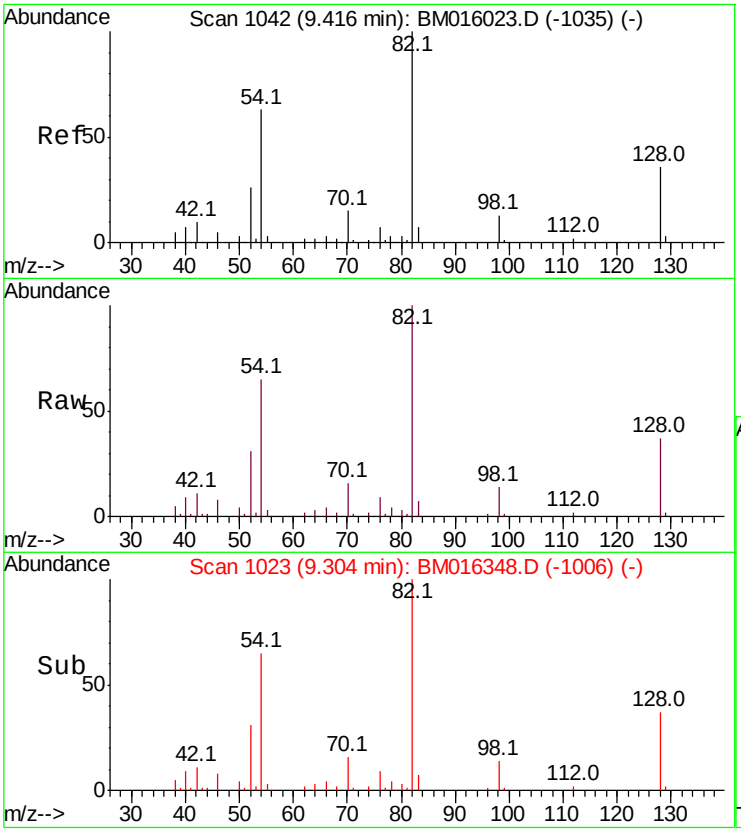


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Tgt Ion:136 Resp: 81745

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	10.9	4.6	6.8#
68	3.4	3.7	5.5#



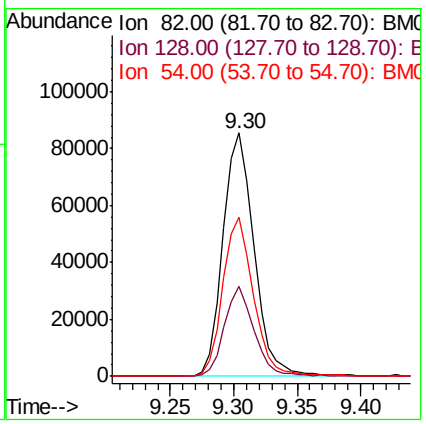


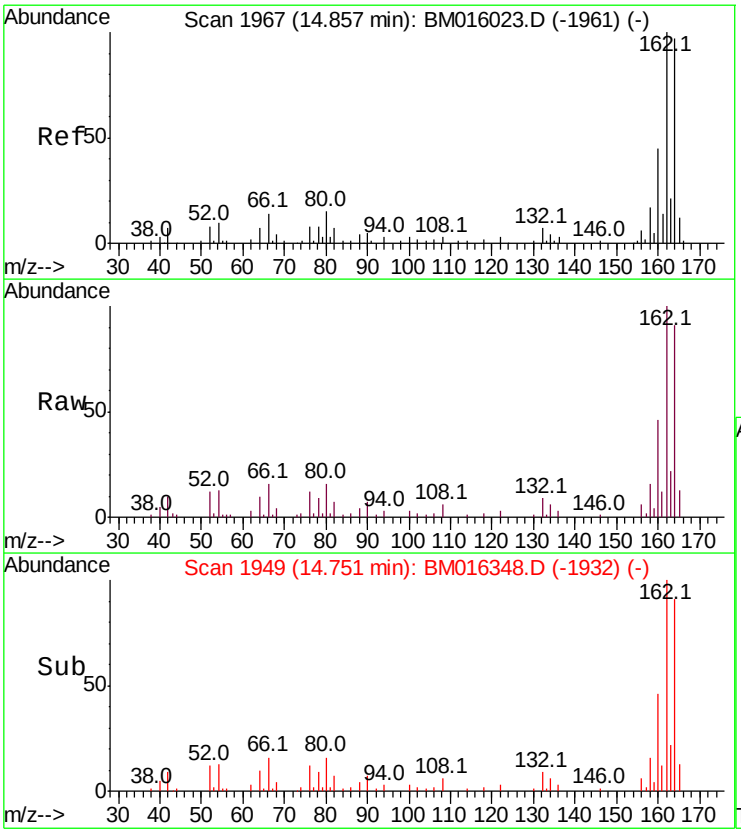
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion: 82 Resp: 145603

Ion	Ratio	Lower	Upper
82	100		
128	37.2	32.8	49.2
54	65.4	40.6	60.8#

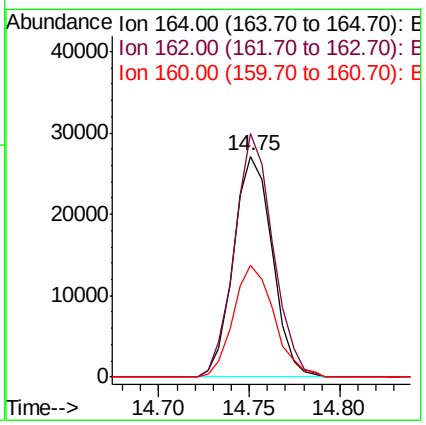


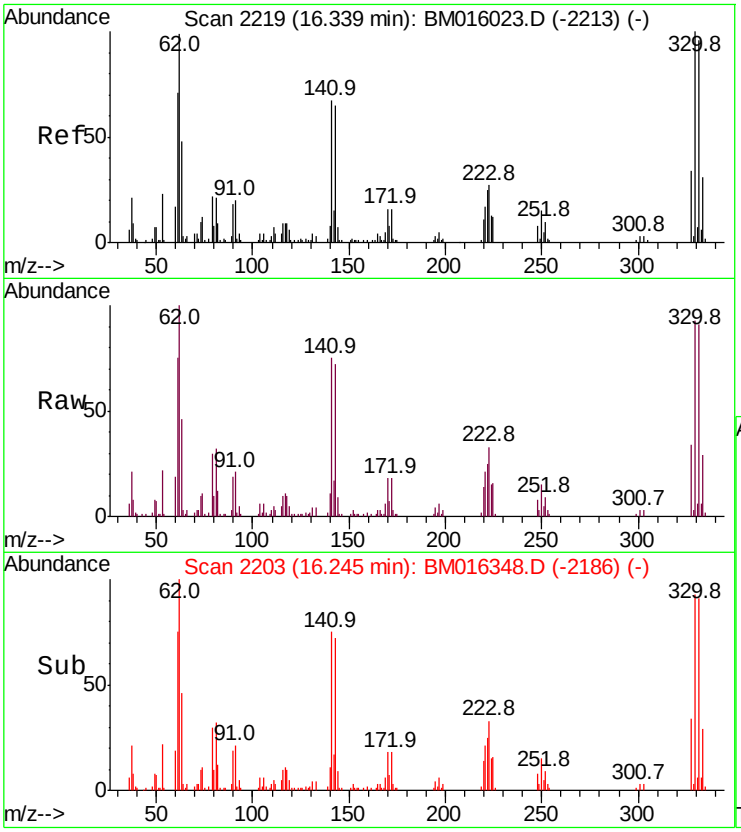


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Tgt Ion:164 Resp: 40541

Ion	Ratio	Lower	Upper
164	100		
162	110.4	82.4	123.6
160	50.6	35.8	53.6



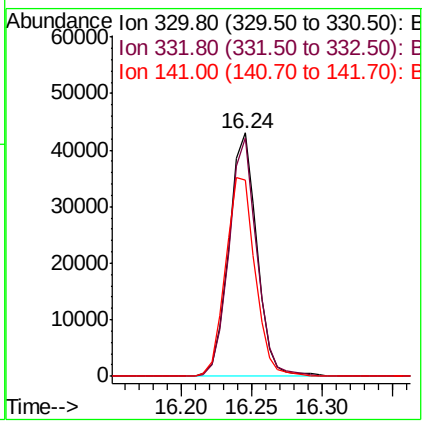


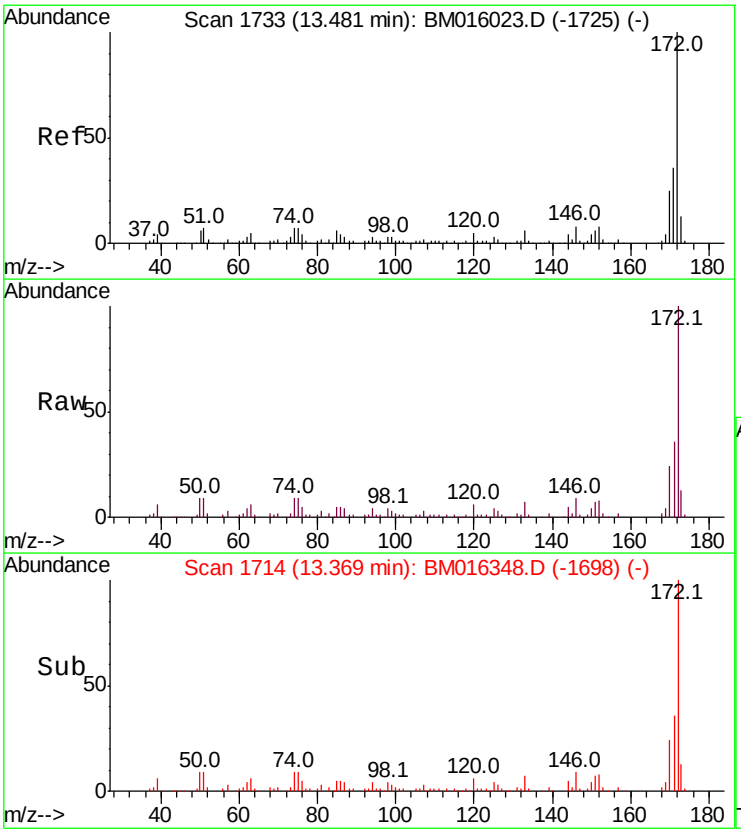
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion:330 Resp: 59650

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	85.7	0.0	0.0#

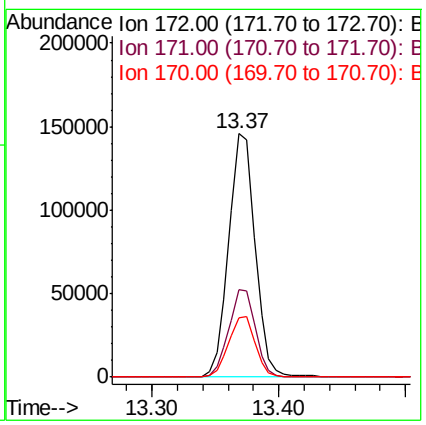


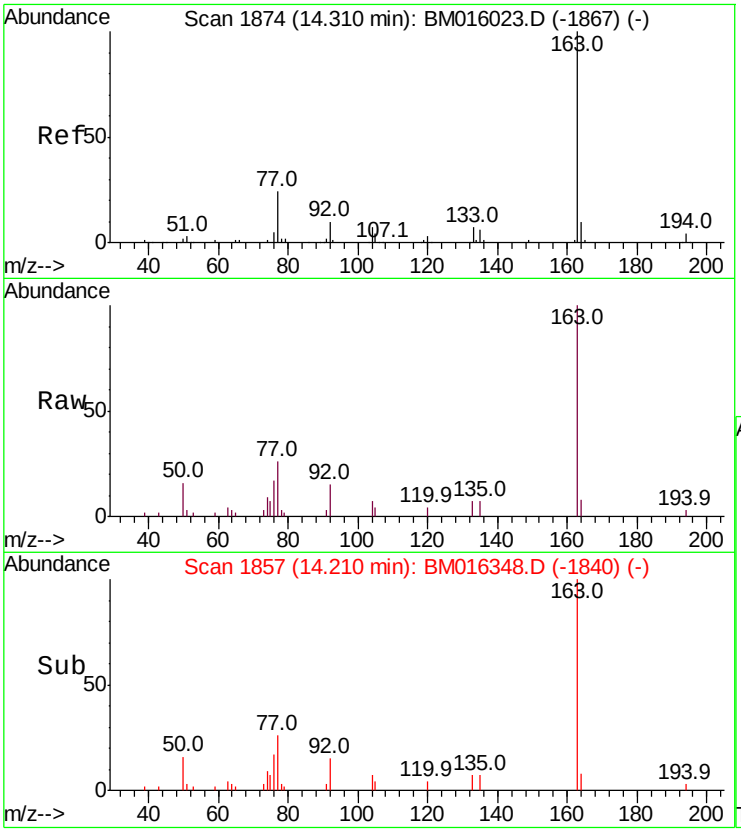


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.37 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Tgt Ion:172 Resp: 210050

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.3	18.8	28.2



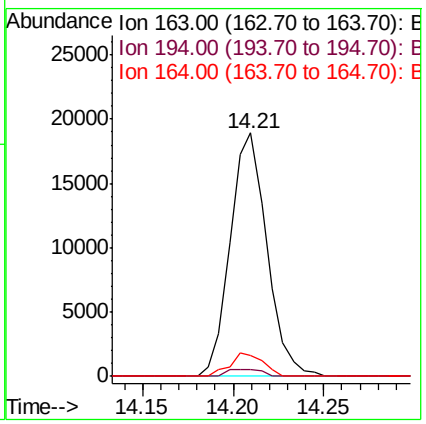


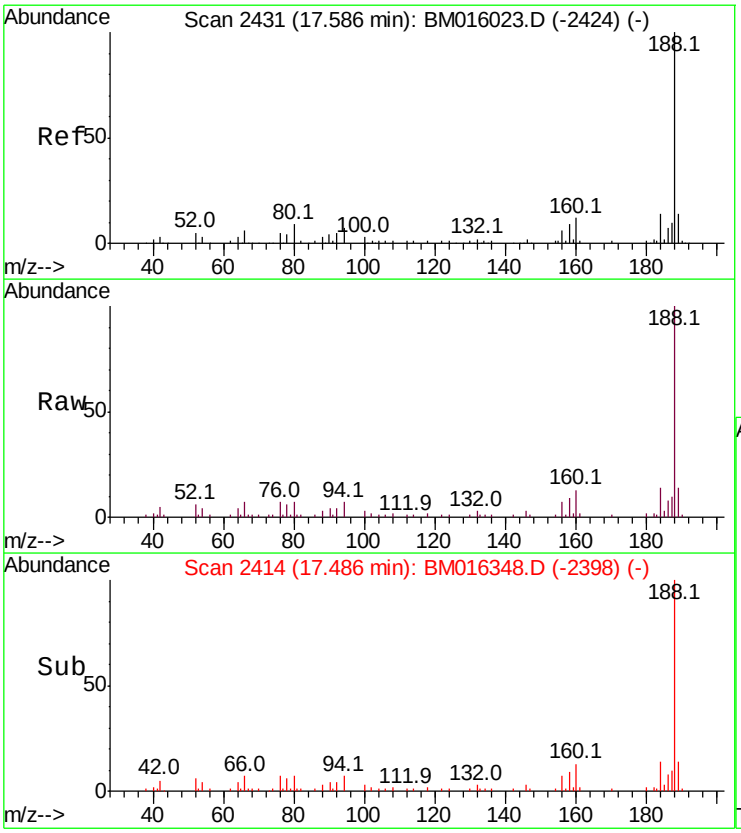
#49
Dimethylphthalate
Concen: 7.495 ng
RT: 14.21 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion:163 Resp: 26591

Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.7	4.1#
164	8.5	8.2	12.2

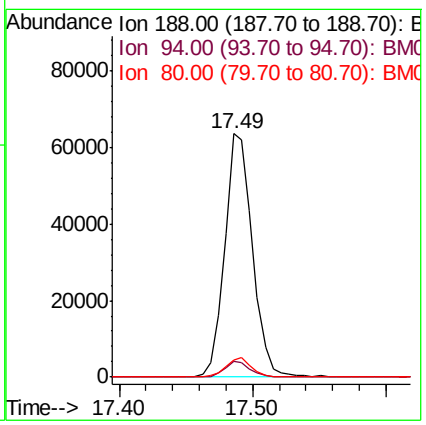


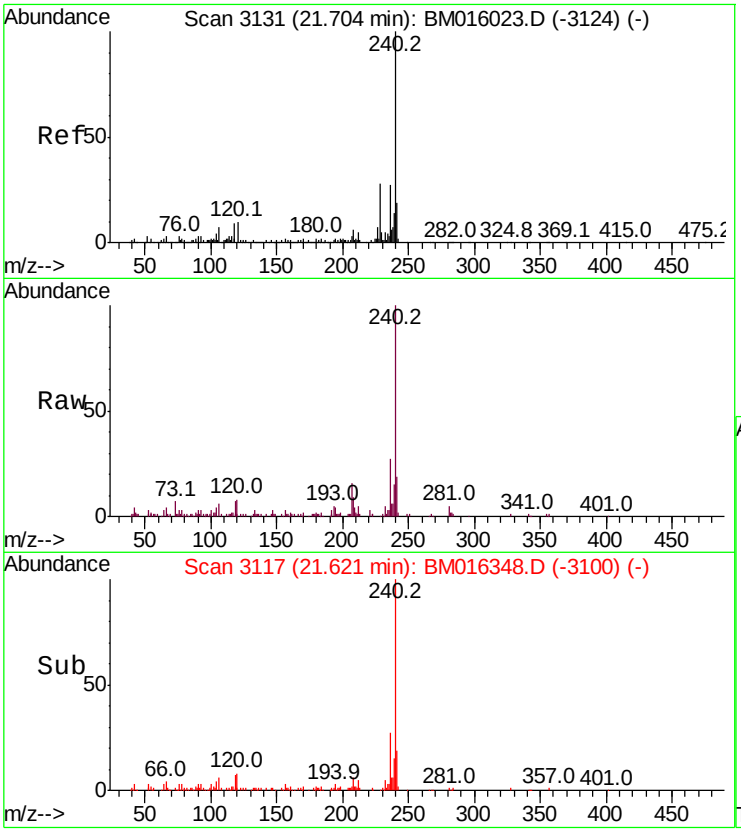


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Tgt Ion:188 Resp: 92241

Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	7.1	9.3	13.9#



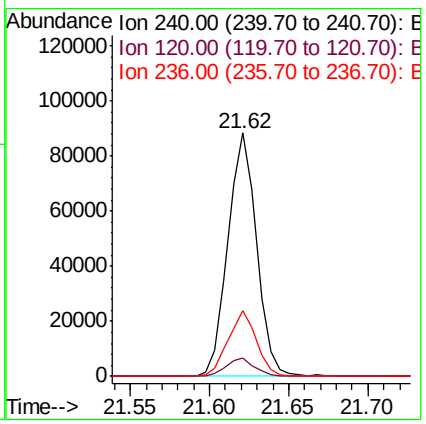


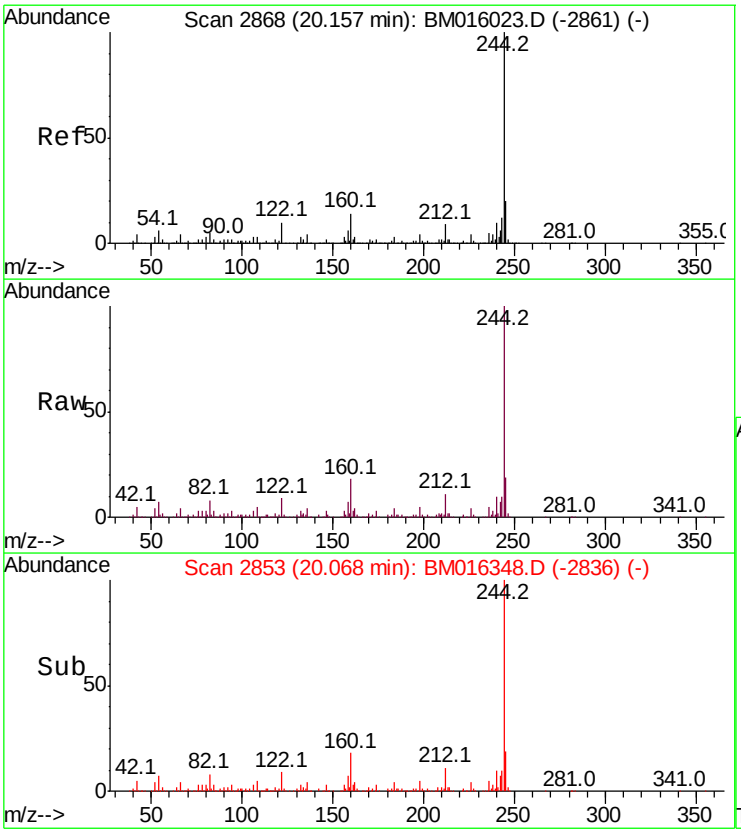
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion:240 Resp: 110894

Ion	Ratio	Lower	Upper
240	100		
120	7.5	8.2	12.2#
236	27.1	20.0	30.0

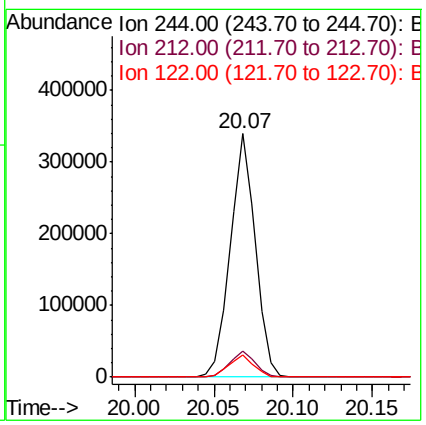


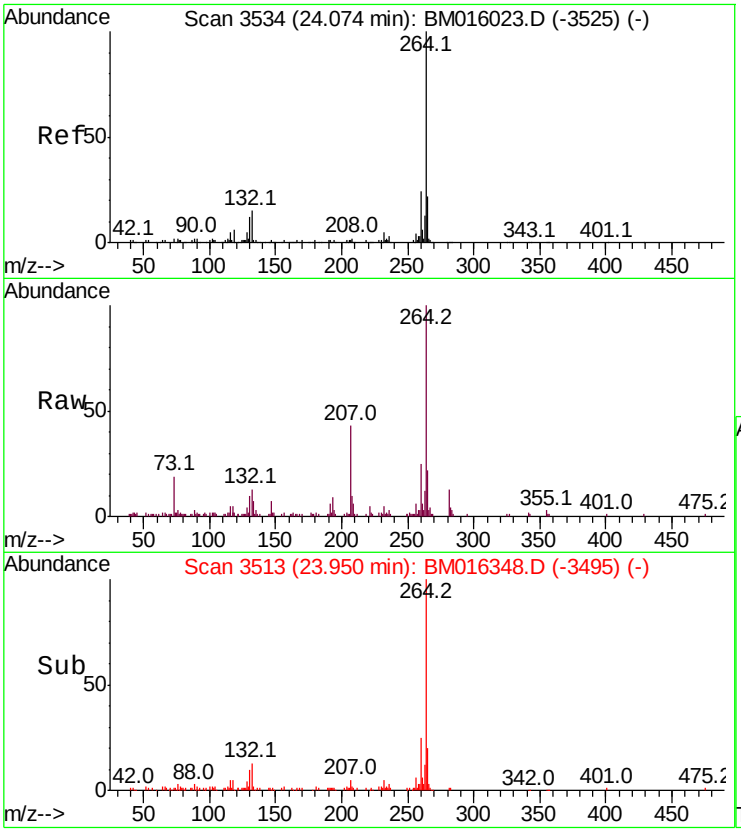


#78
Terphenyl-d14
Concen: Below ng
RT: 20.07 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Tgt Ion:244 Resp: 369557

Ion	Ratio	Lower	Upper
244	100		
212	10.6	4.9	7.3#
122	9.0	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.95 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BM016348.D
Acq: 14 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
SP-1-7

Tgt Ion:264 Resp: 115488

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	21.7	17.3	25.9