Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016511.D
Acq On : 22 Aug 2018 09:11
Operator : SJ/JU
Sample : J4275-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CL-01-082018-A

Quant Time: Aug 22 11:50:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	163886	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	506557	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	404406	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1436927	20.00	ng	0.00
75) Chrysene-d12	21.54	240	2016597	20.00	ng	0.00
86) Perylene-d12	23.83	264	2002988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1189608	142.24	ng	0.00
7) Phenol-d6	7.20	99	1284540	116.07	ng	0.00
23) Nitrobenzene-d5	9.20	82	1323887	119.33	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2943895	260.41	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	5403431	128.43	ng	0.00
78) Terphenyl-d14	19.99	244	12839267	134.76	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.88	128	181409	7.517	ng	97

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

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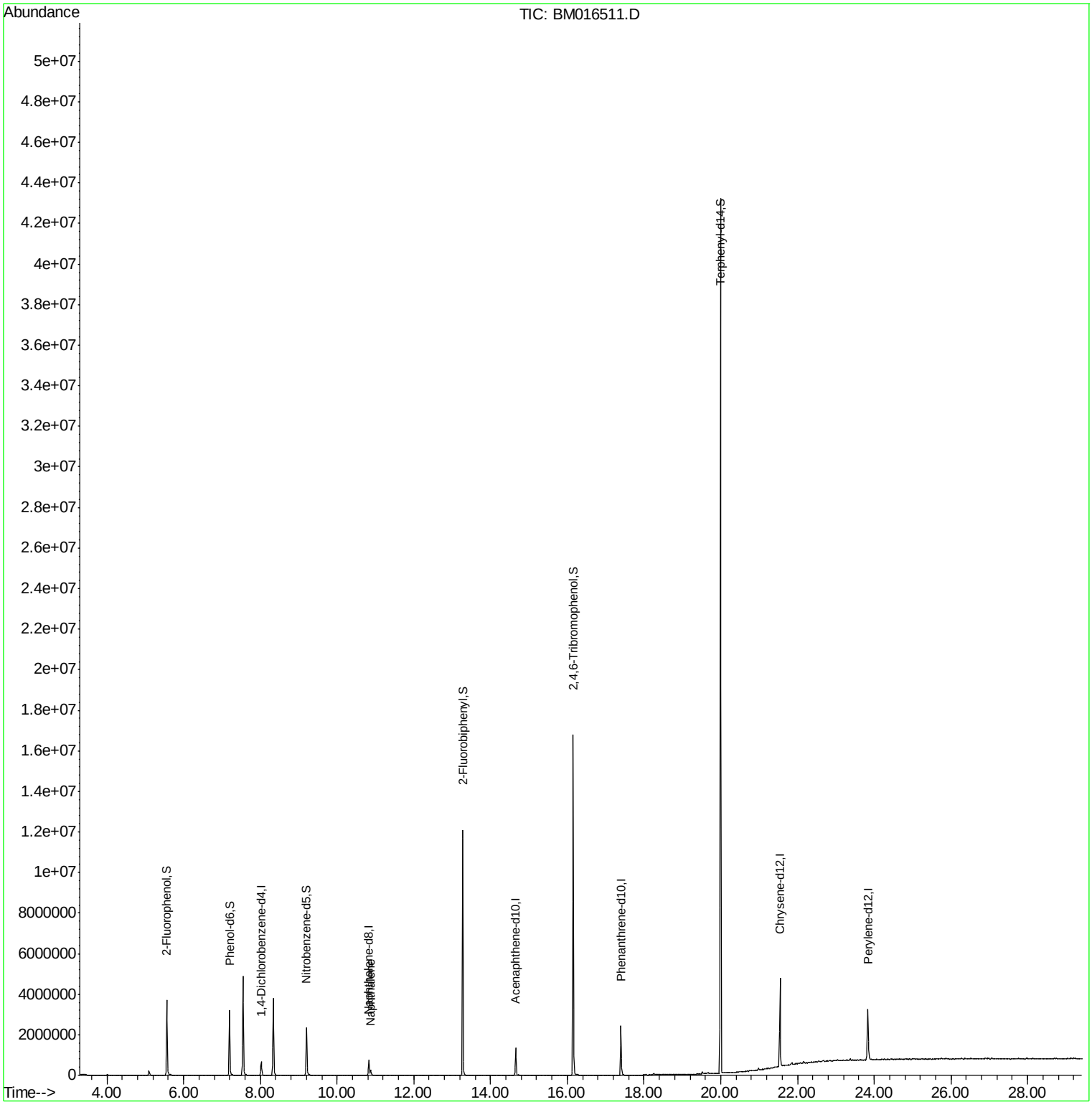
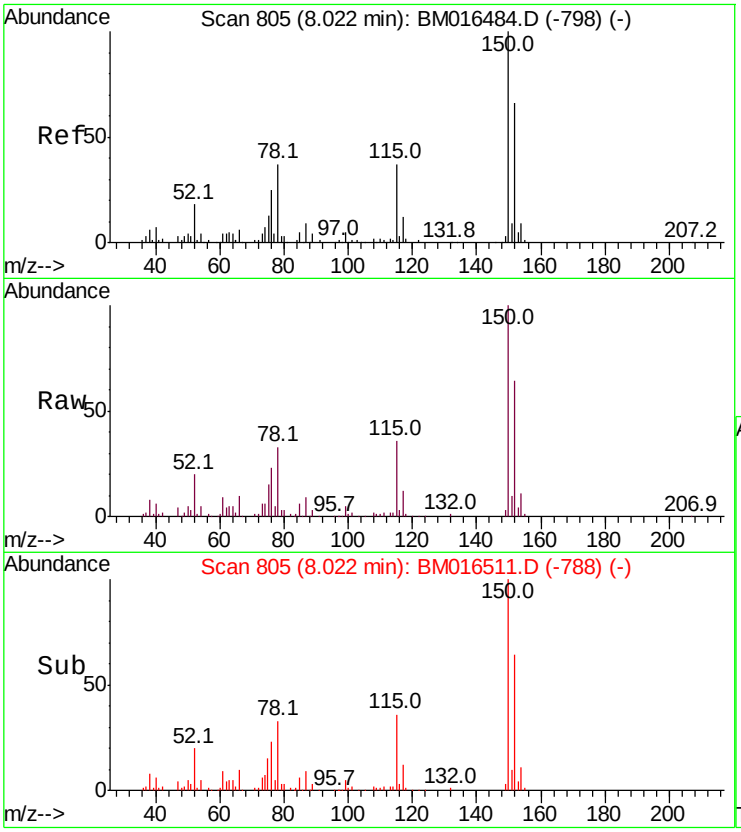


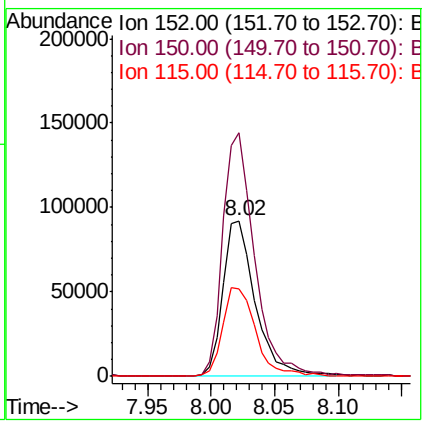


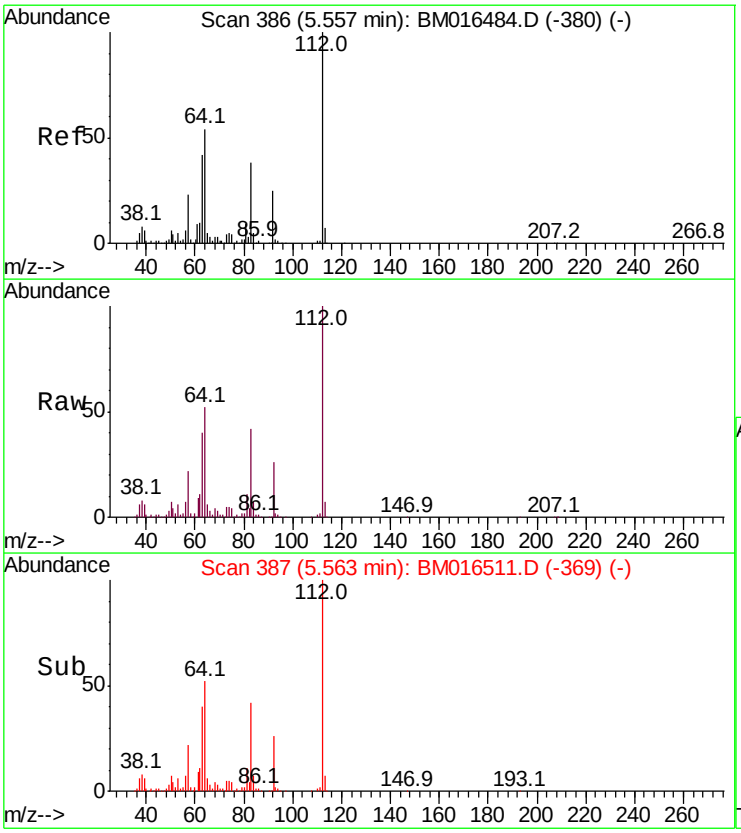
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Instrument :
BNA_M
ClientSampleId :
CL-01-082018-A

Tgt Ion:152 Resp: 163886

Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.5	179.3
115	56.2	43.0	64.4

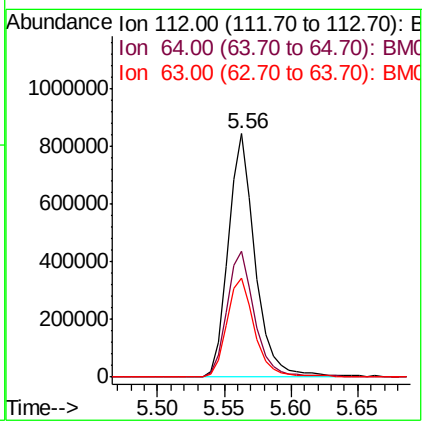


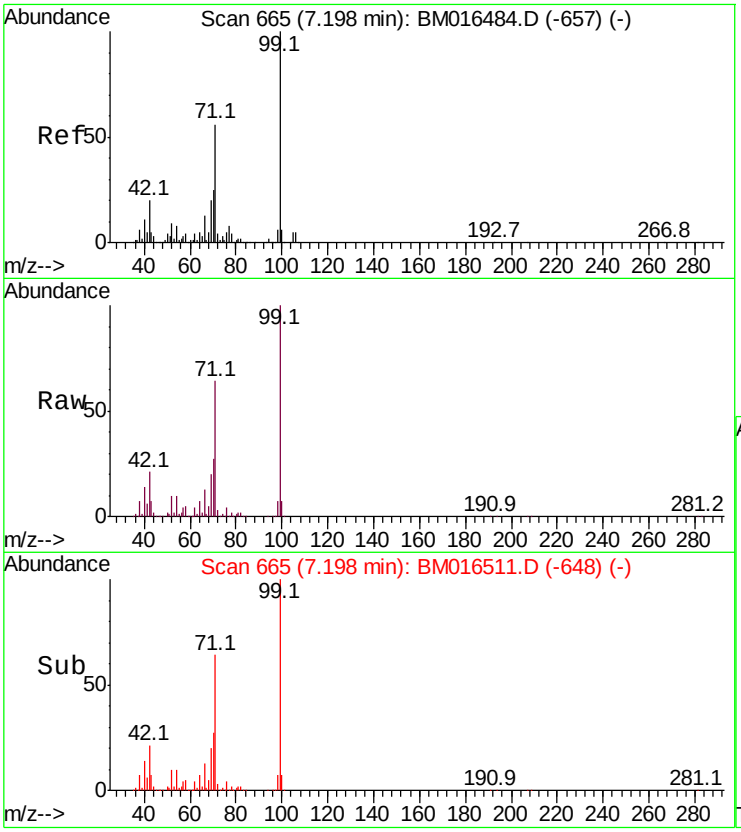


#5
2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Tgt Ion:112 Resp: 1189608

Ion	Ratio	Lower	Upper
112	100		
64	51.7	38.6	57.8
63	40.4	19.3	28.9#



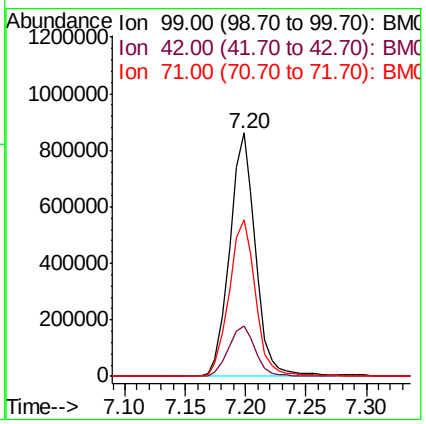


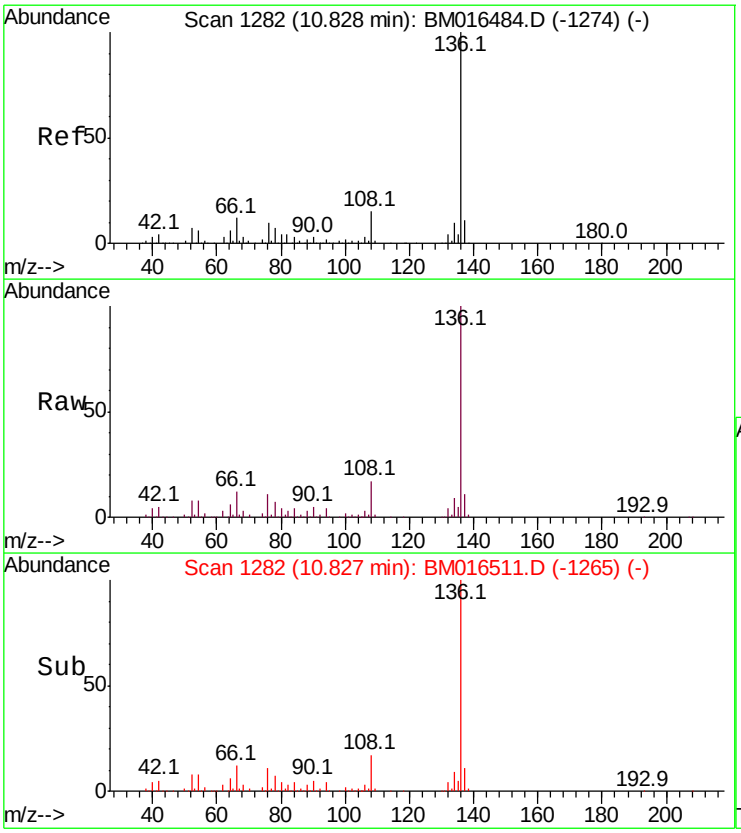
#7
Phenol-d6
Concen: N.D. ng
RT: 7.20 min Scan# 665
Delta R.T. -0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Instrument :
BNA_M
ClientSampleId :
CL-01-082018-A

Tgt Ion: 99 Resp: 1284540

Ion	Ratio	Lower	Upper
99	100		
42	20.9	11.0	16.4#
71	64.3	23.4	35.2#

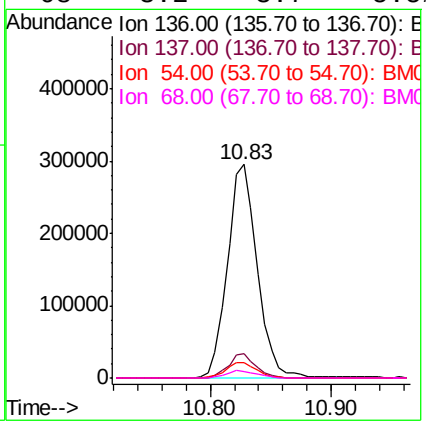


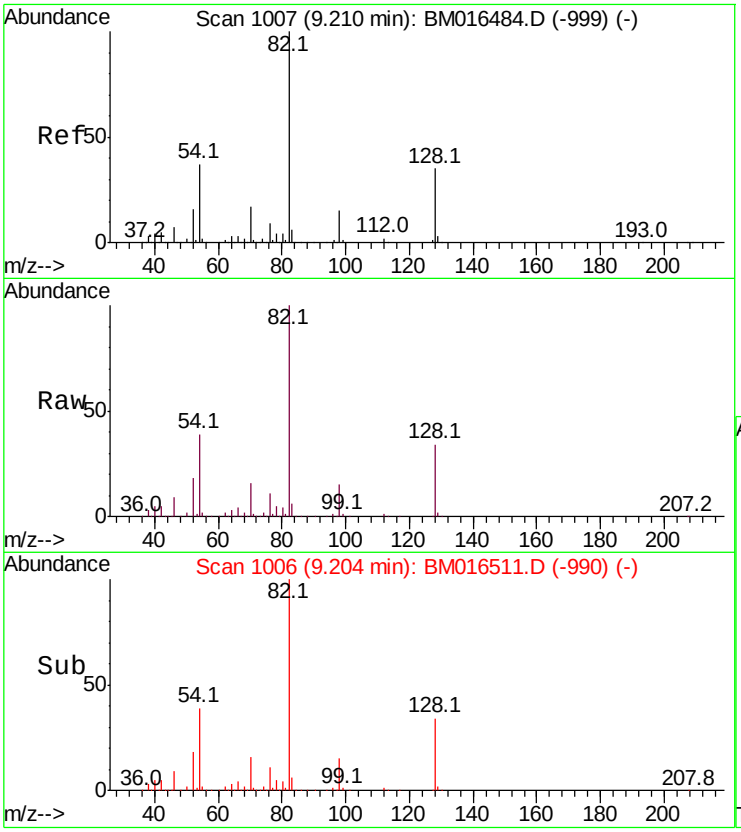


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Tgt Ion:136 Resp: 506557

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.5	4.6	6.8#
68	3.2	3.7	5.5#



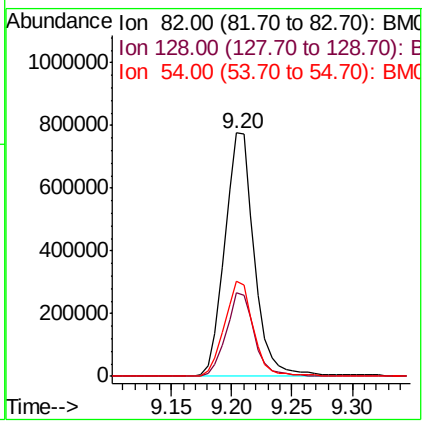


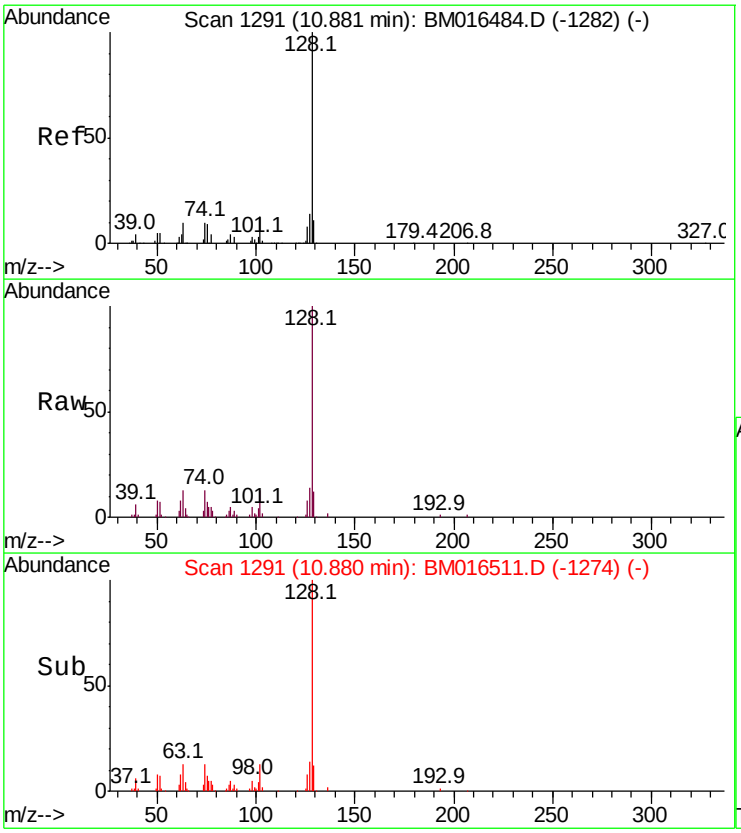
#23
Nitrobenzene-d5
Concen: Below ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Instrument :
BNA_M
ClientSampleId :
CL-01-082018-A

Tgt Ion: 82 Resp: 1323887

Ion	Ratio	Lower	Upper
82	100		
128	34.2	32.8	49.2
54	39.0	40.6	60.8#

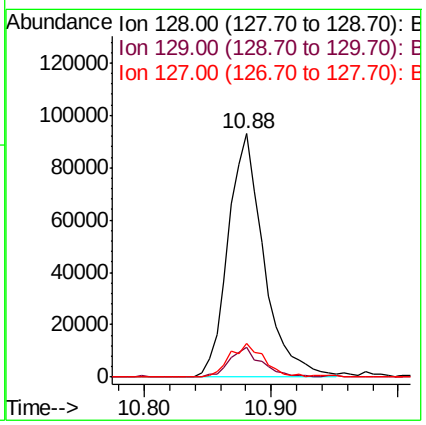


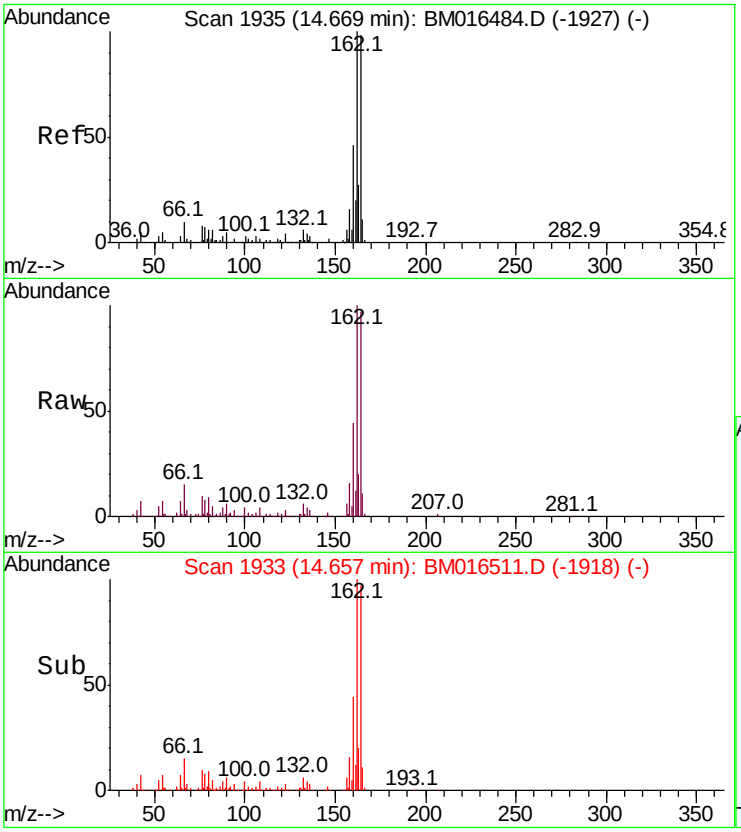


#31
Naphthalene
Concen: 7.517 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Tgt Ion:128 Resp: 181409

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.9	13.3
127	14.0	10.4	15.6



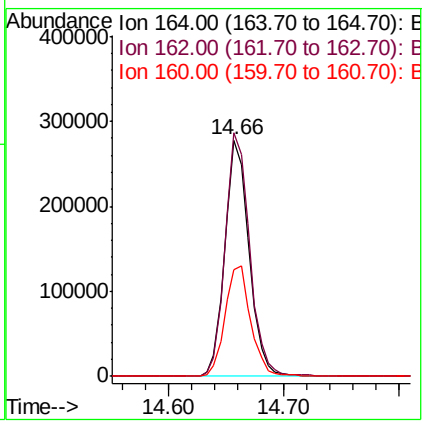


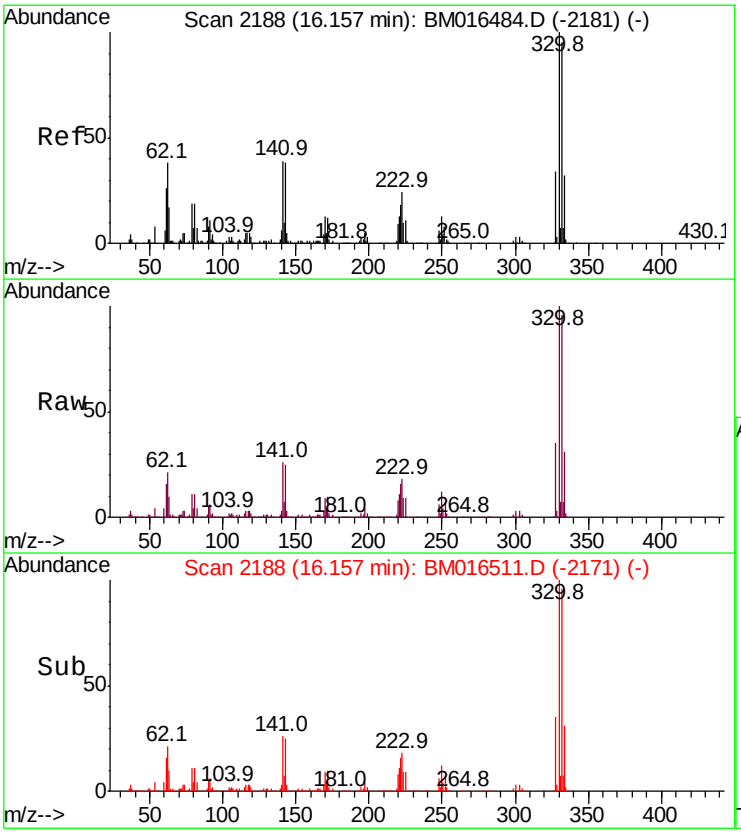
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Instrument :
BNA_M
ClientSampleId :
CL-01-082018-A

Tgt Ion:164 Resp: 404406

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.4	123.6
160	45.4	35.8	53.6

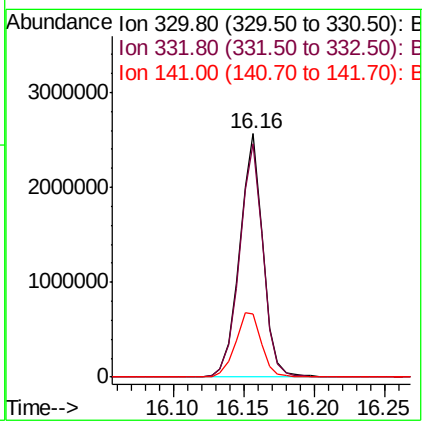


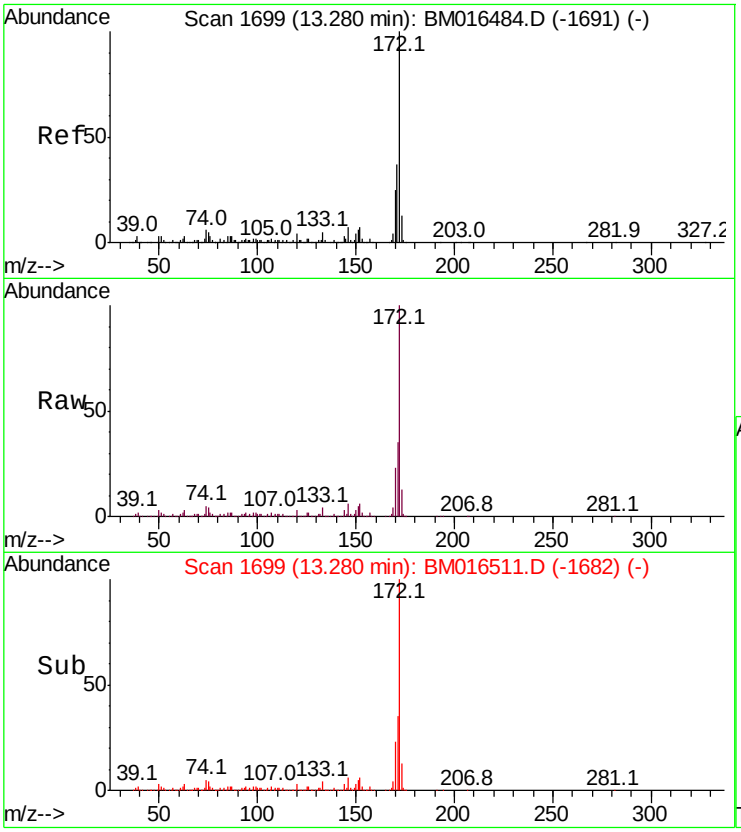


#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Tgt Ion:330 Resp: 2943895

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	29.7	0.0	0.0#



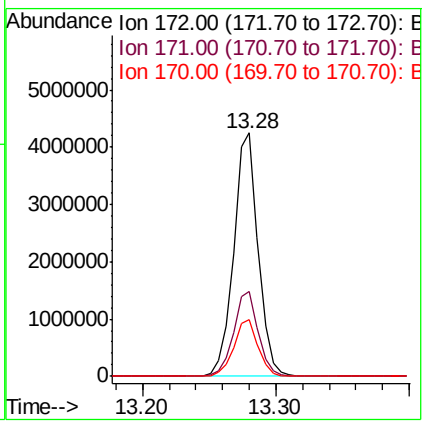


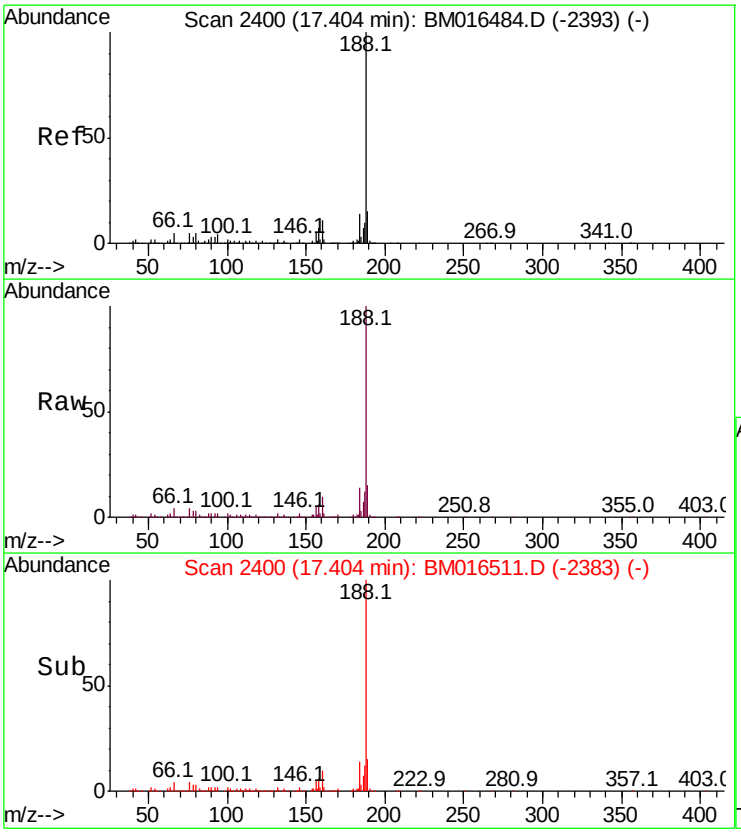
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Instrument :
BNA_M
ClientSampleId :
CL-01-082018-A

Tgt Ion:172 Resp: 5403431

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.1	18.8	28.2

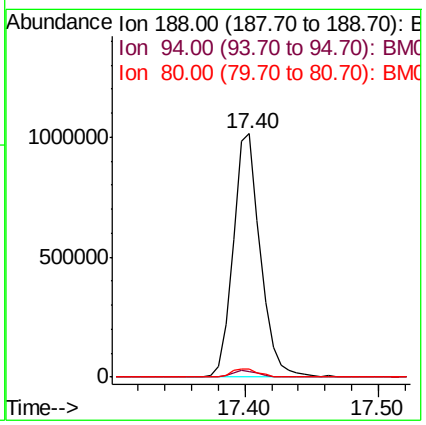


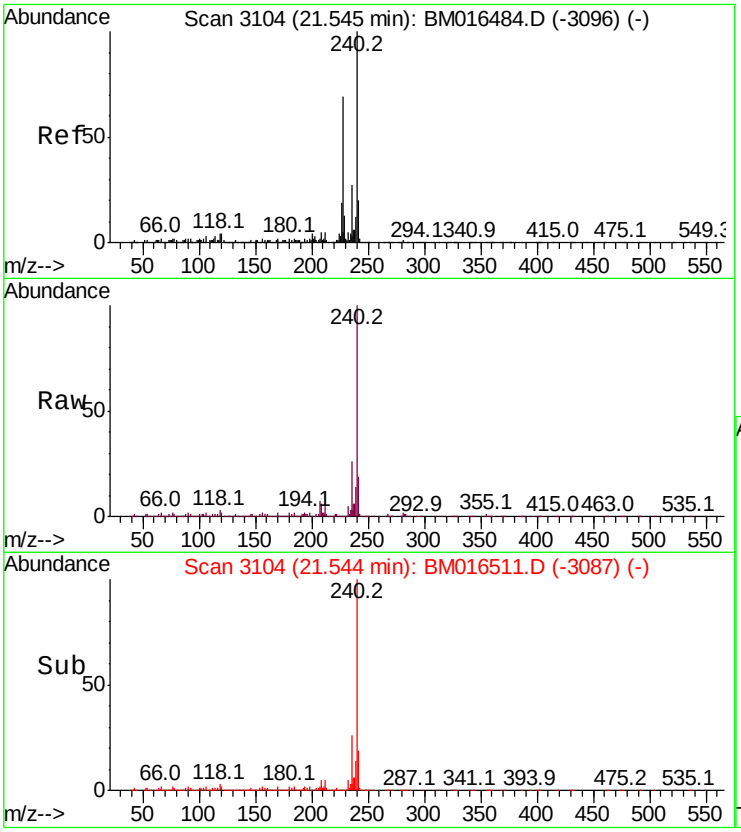


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Tgt Ion:188 Resp: 1436927

Ion	Ratio	Lower	Upper
188	100		
94	2.3	8.7	13.1#
80	3.2	9.3	13.9#



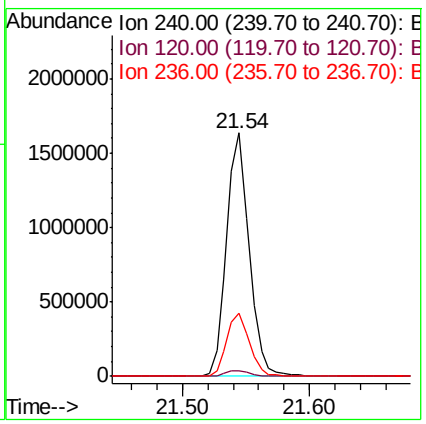


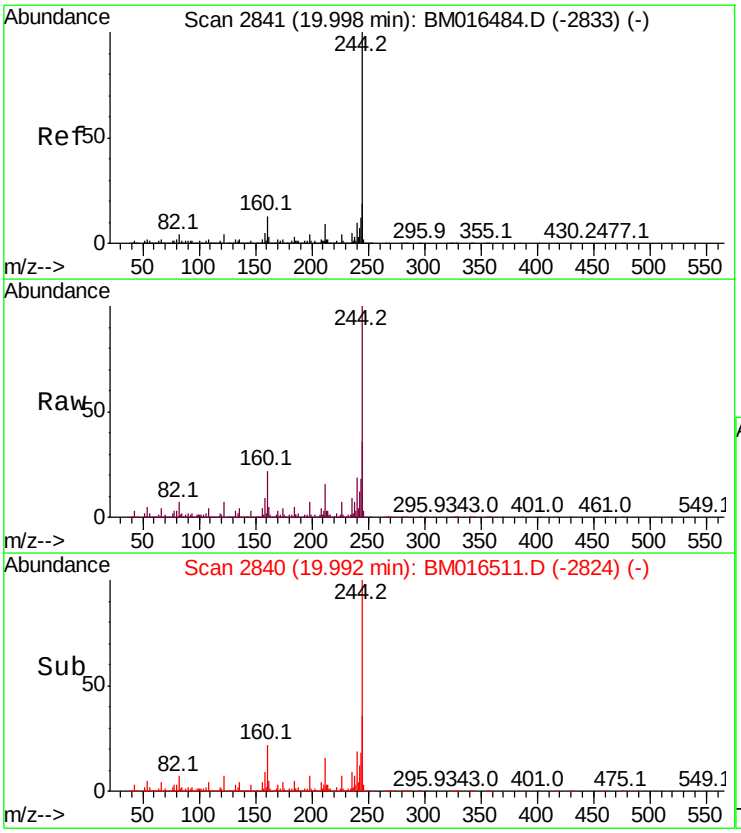
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Instrument :
BNA_M
ClientSampleId :
CL-01-082018-A

Tgt Ion:240 Resp: 2016597

Ion	Ratio	Lower	Upper
240	100		
120	2.4	8.2	12.2#
236	25.8	20.0	30.0

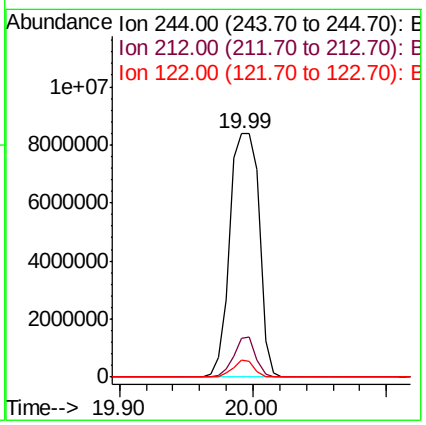


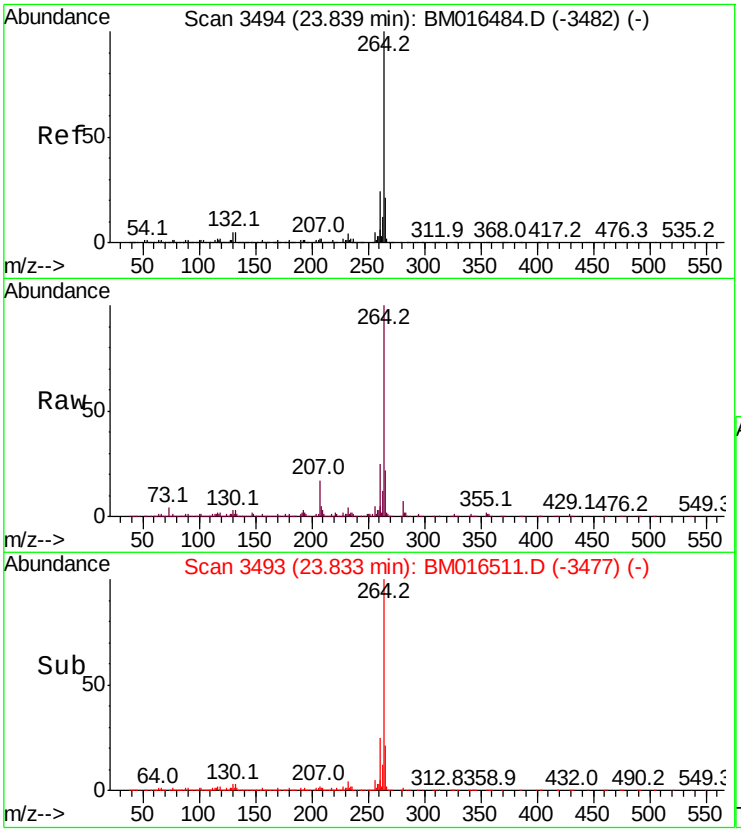


#78
Terphenyl-d14
Concen: Below ng
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Tgt Ion:244 Resp:12839267

Ion	Ratio	Lower	Upper
244	100		
212	15.7	4.9	7.3#
122	6.9	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016511.D
Acq: 22 Aug 2018 09:11

Instrument :
BNA_M
ClientSampleId :
CL-01-082018-A

Tgt Ion:264 Resp: 2002988

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	21.5	17.3	25.9