Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016469.D
Acq On : 18 Aug 2018 12:16
Operator : SJ/JU
Sample : J4521-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 72-12003

Quant Time: Aug 20 01:53:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 16:27:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	7257	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	27732	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	21322	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	59398	20.00	ng	0.00
75) Chrysene-d12	21.58	240	88186	20.00	ng	0.00
86) Perylene-d12	23.89	264	104108	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	64381	149.09	ng	0.00
7) Phenol-d6	7.22	99	72223	124.43	ng	-0.01
23) Nitrobenzene-d5	9.24	82	78337	117.64	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	65387	203.04	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	199292	97.19	ng	-0.01
78) Terphenyl-d14	20.03	244	673848	115.49	ng	0.00
Target Compounds						Qvalue

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

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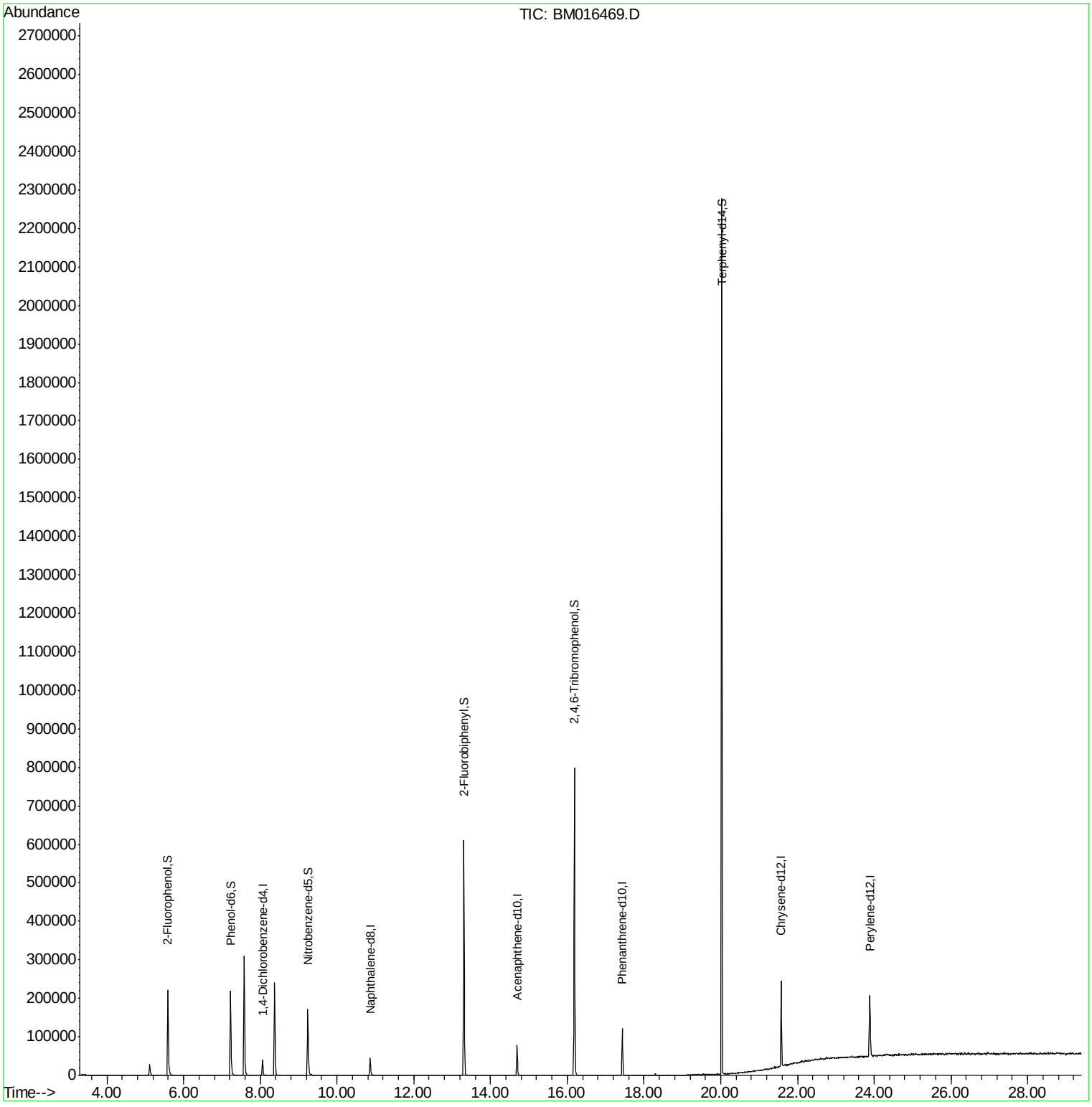
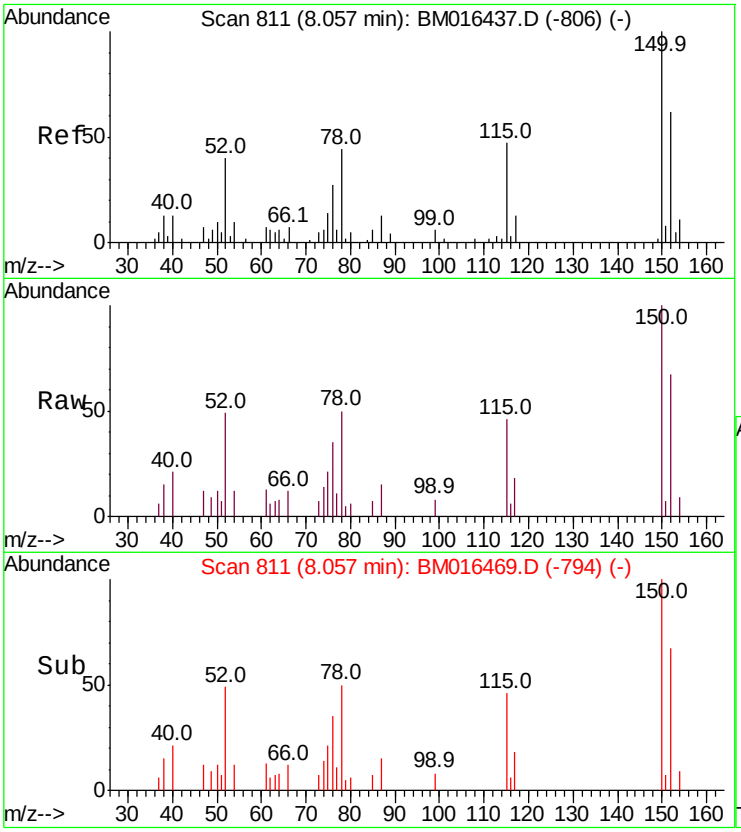


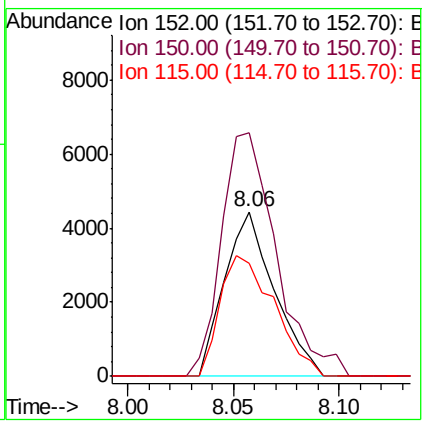


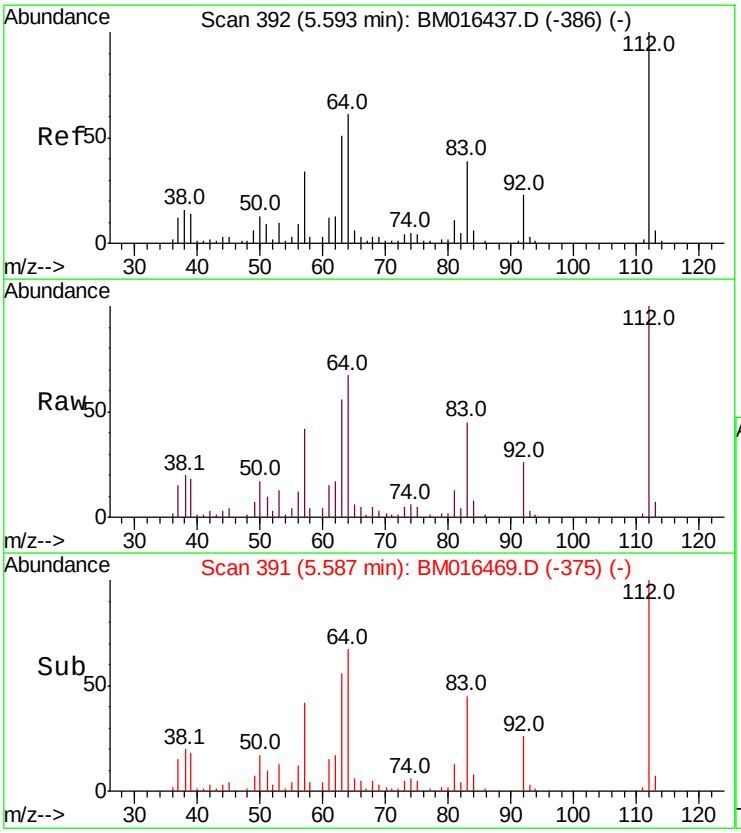
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Instrument :
BNA_M
ClientSampleId :
72-12003

Tgt Ion:152 Resp: 7257

Ion	Ratio	Lower	Upper
152	100		
150	148.2	119.5	179.3
115	68.9	43.0	64.4#

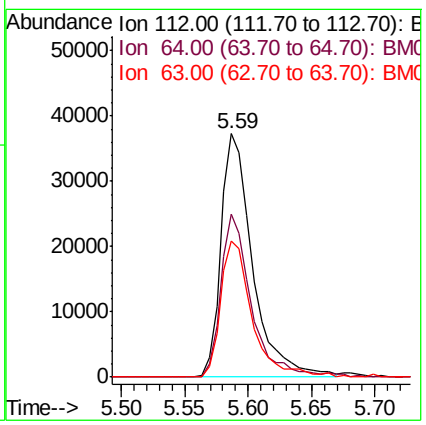


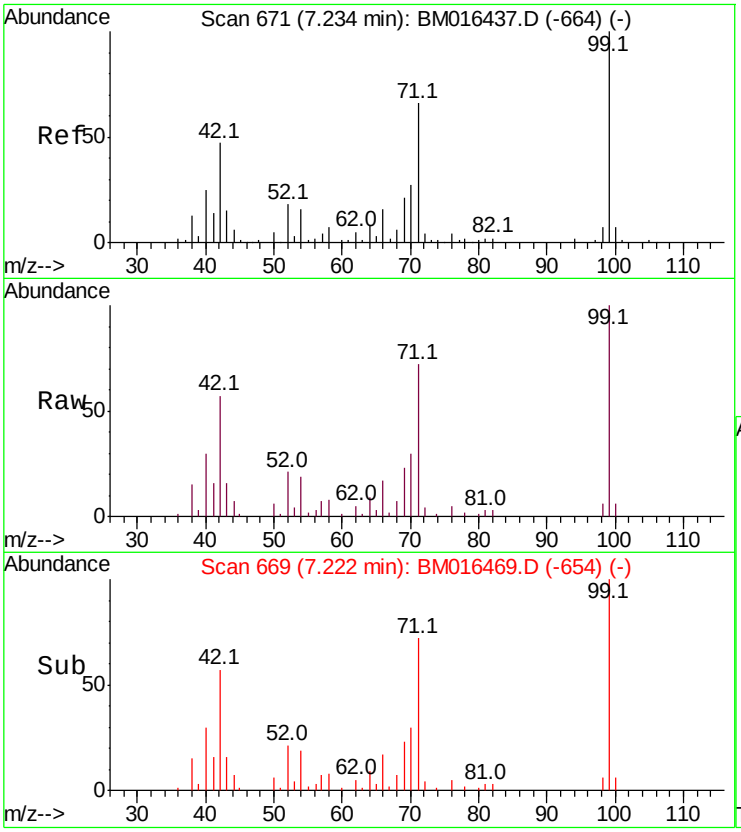


#5
2-Fluorophenol
Concen: N.D. ng
RT: 5.59 min Scan# 391
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Tgt Ion:112 Resp: 64381

Ion	Ratio	Lower	Upper
112	100		
64	66.7	38.6	57.8#
63	56.1	19.3	28.9#



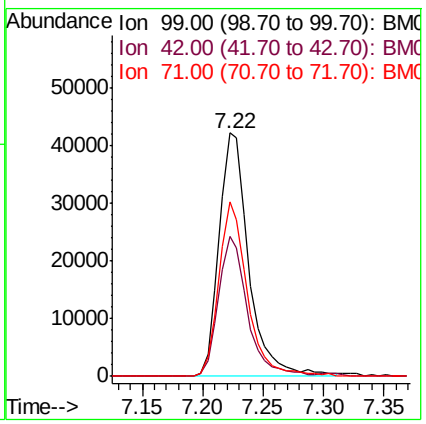


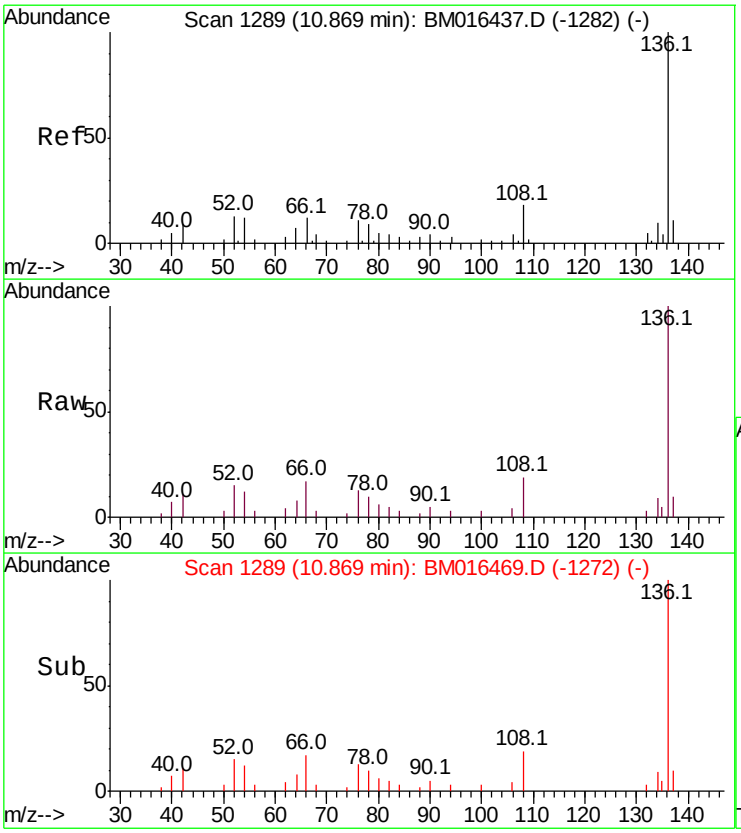
#7
Phenol-d6
Concen: N.D. ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Instrument :
BNA_M
ClientSampleId :
72-12003

Tgt Ion: 99 Resp: 72223

Ion	Ratio	Lower	Upper
99	100		
42	57.3	11.0	16.4#
71	71.6	23.4	35.2#

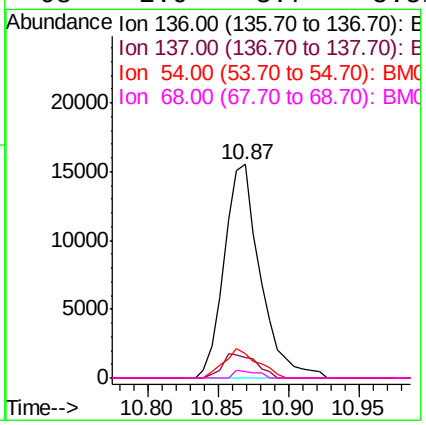


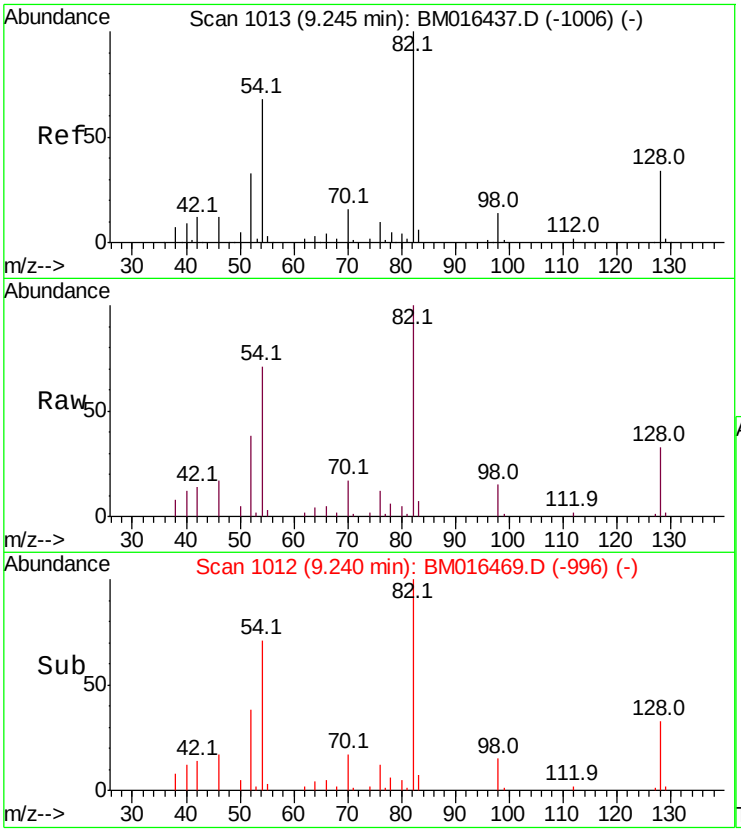


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Tgt Ion:136 Resp: 27732

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	11.7	4.6	6.8#
68	2.9	3.7	5.5#



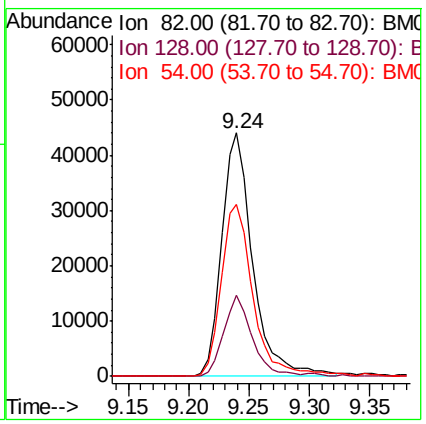


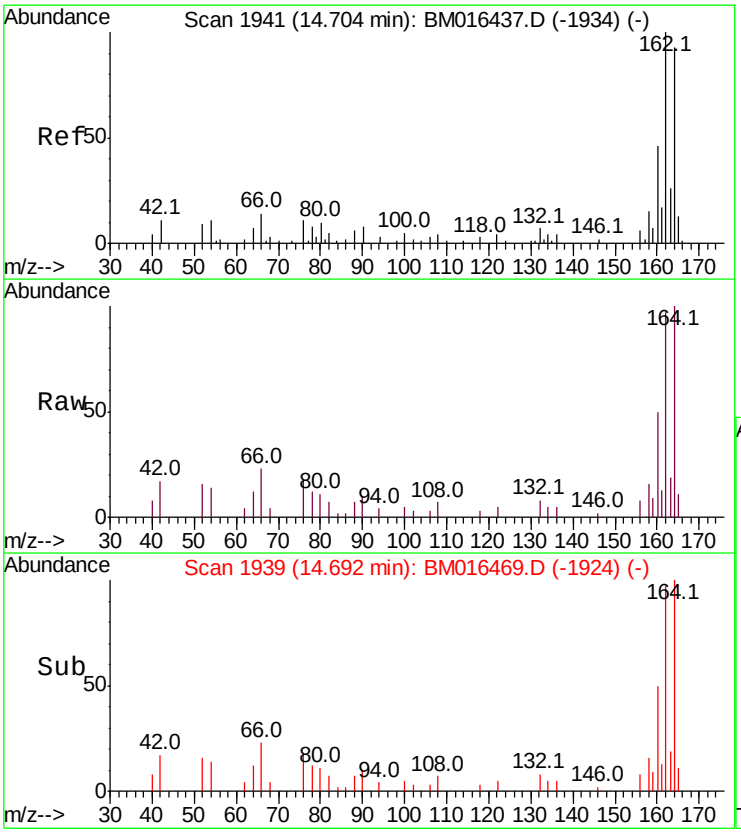
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Instrument :
BNA_M
ClientSampleId :
72-12003

Tgt Ion: 82 Resp: 78337

Ion	Ratio	Lower	Upper
82	100		
128	33.1	32.8	49.2
54	70.6	40.6	60.8#

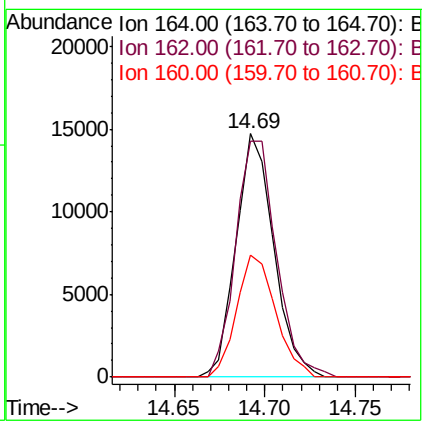


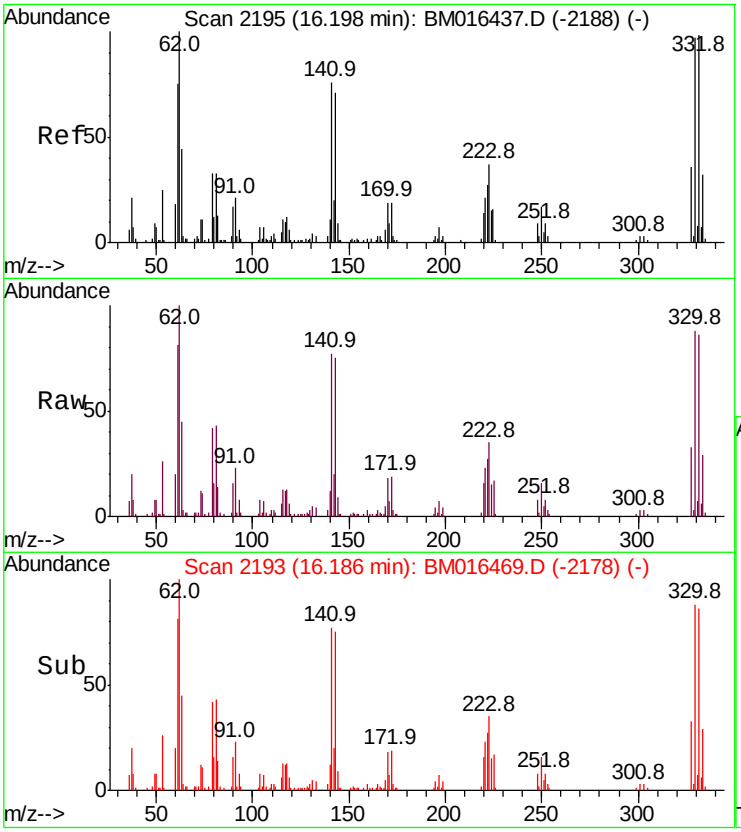


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Tgt Ion:164 Resp: 21322

Ion	Ratio	Lower	Upper
164	100		
162	97.0	82.4	123.6
160	50.1	35.8	53.6



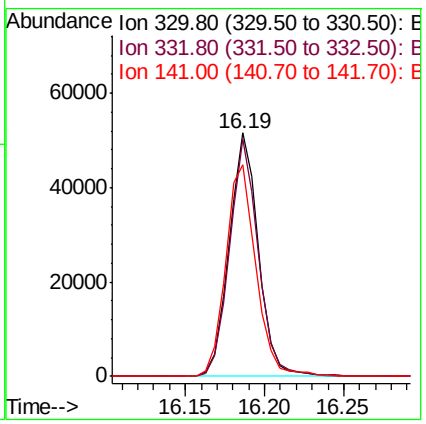


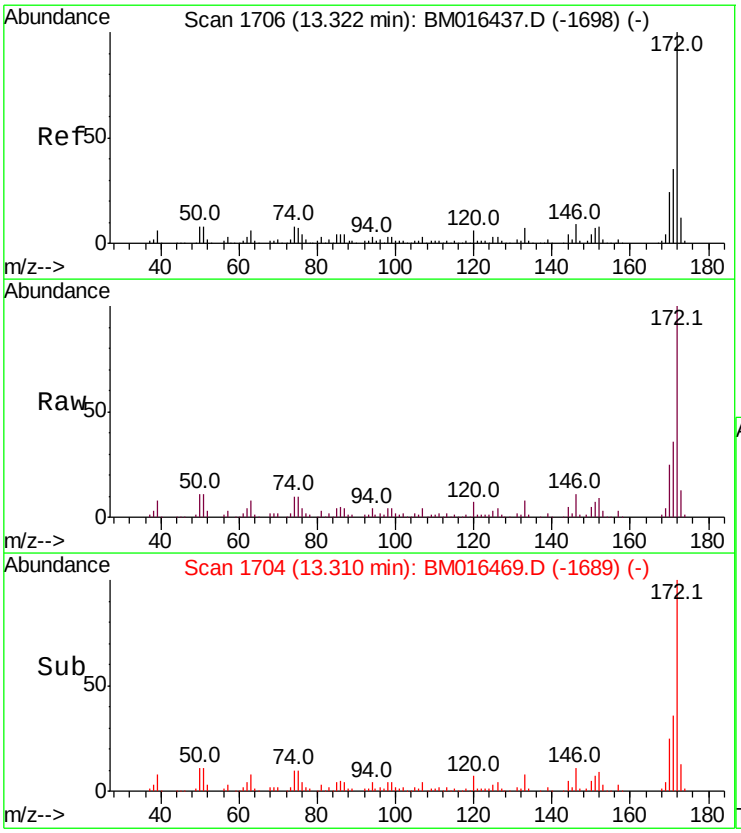
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.19 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Instrument :
BNA_M
ClientSampleId :
72-12003

Tgt Ion:330 Resp: 65387

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	90.2	0.0	0.0#

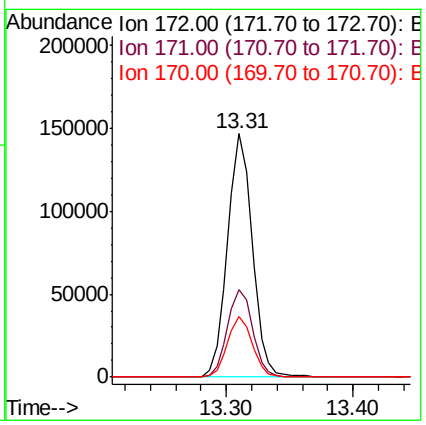


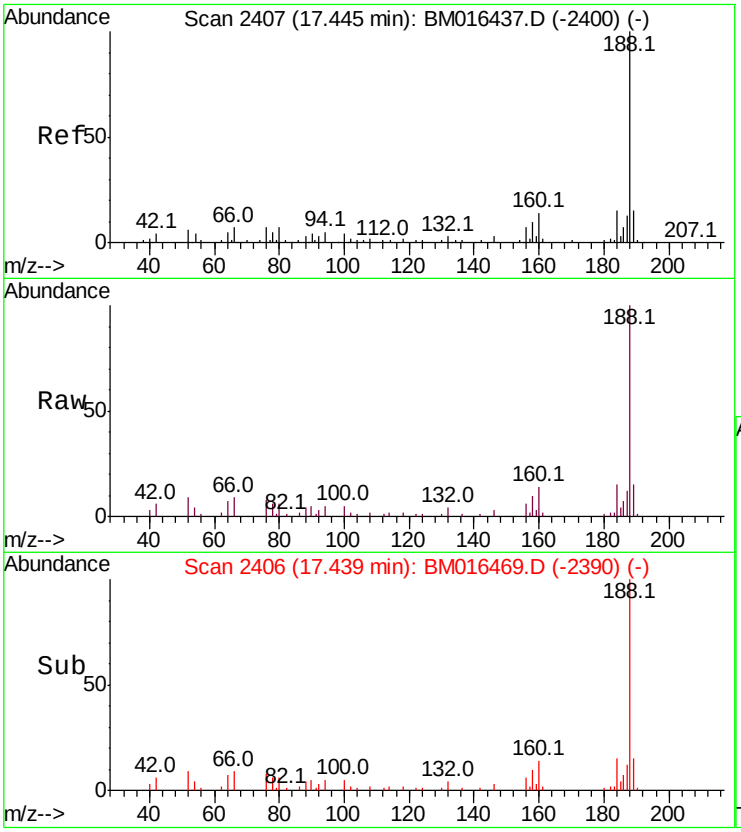


#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.31 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Tgt Ion:172 Resp: 199292

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.9	18.8	28.2



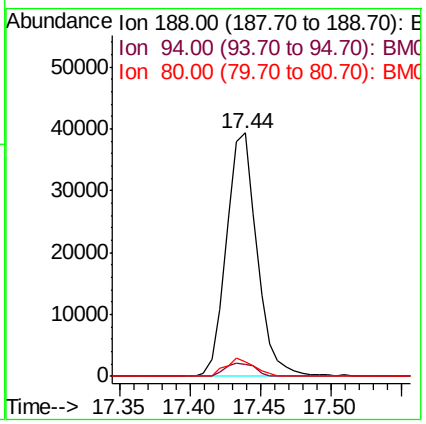


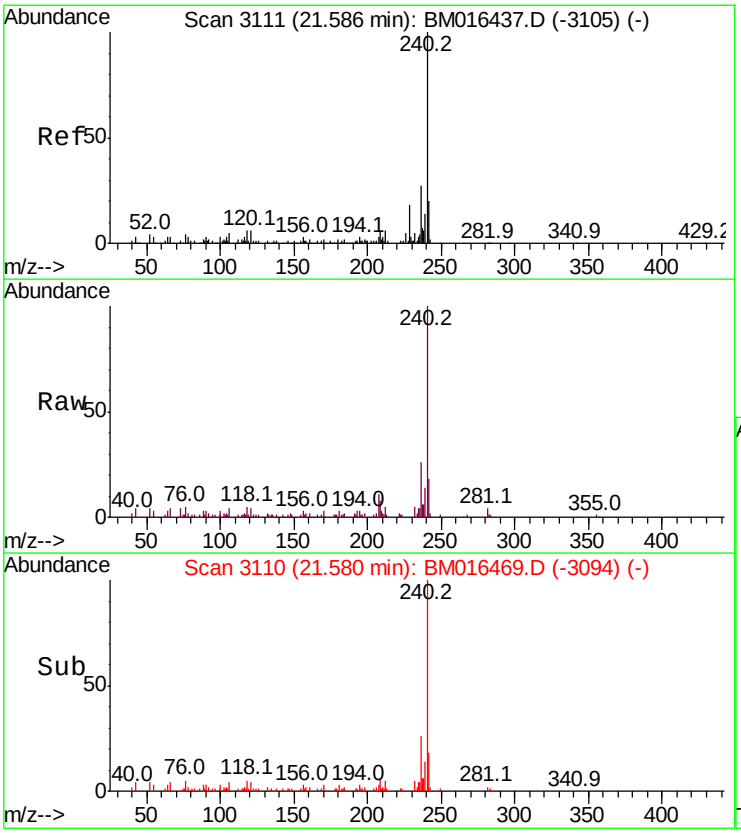
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Instrument :
BNA_M
ClientSampleId :
72-12003

Tgt Ion:188 Resp: 59398

Ion	Ratio	Lower	Upper
188	100		
94	4.9	8.7	13.1#
80	6.0	9.3	13.9#

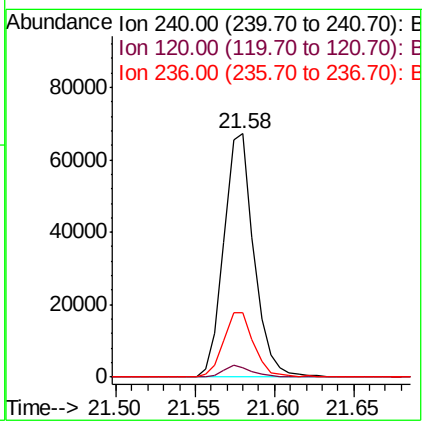


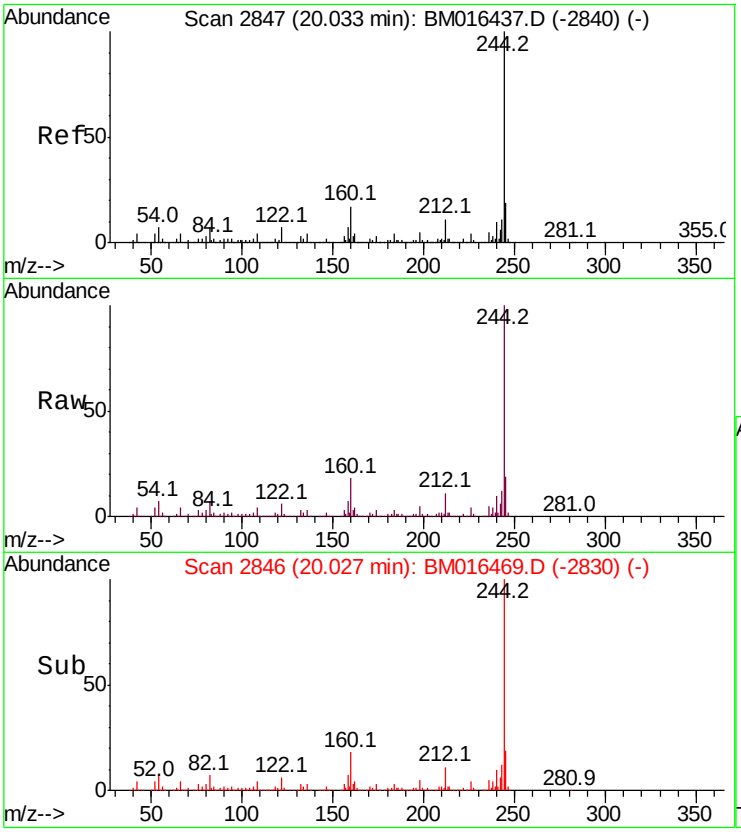


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Tgt Ion:240 Resp: 88186

Ion	Ratio	Lower	Upper
240	100		
120	3.7	8.2	12.2#
236	26.5	20.0	30.0



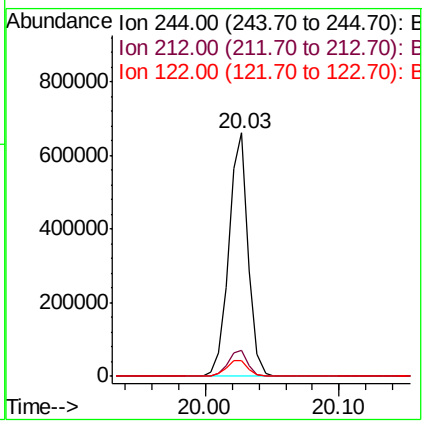


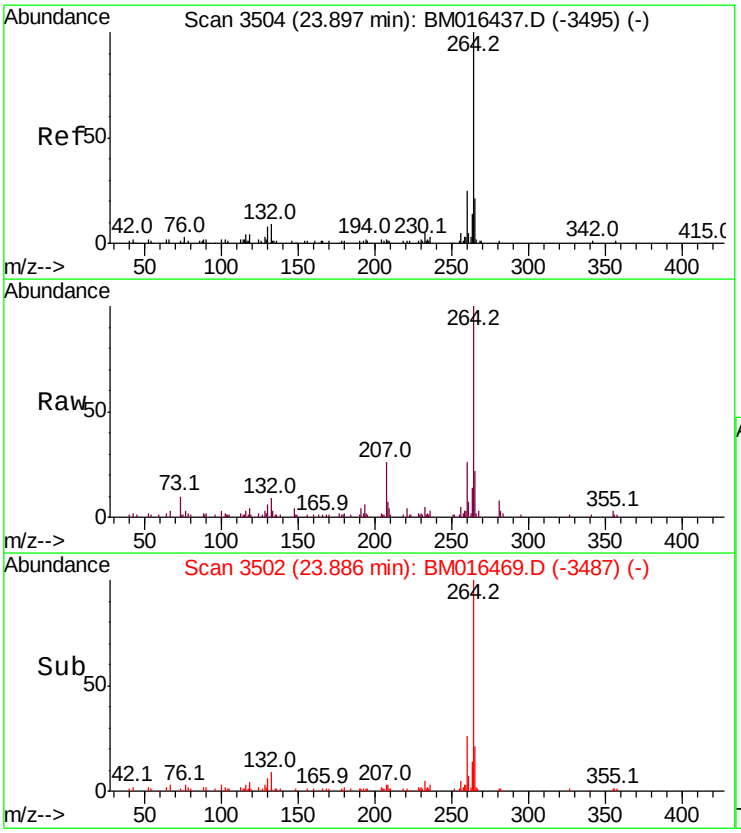
#78
Terphenyl-d14
Concen: N.D. ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Instrument :
BNA_M
ClientSampleId :
72-12003

Tgt Ion:244 Resp: 673848

Ion	Ratio	Lower	Upper
244	100		
212	10.7	4.9	7.3#
122	6.3	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.89 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM016469.D
Acq: 18 Aug 2018 12:16

Tgt Ion:264 Resp: 104108

Ion	Ratio	Lower	Upper
264	100		
260	25.9	18.6	27.8
265	22.1	17.3	25.9