Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
Data File : BM017943.D
Acq On : 05 Dec 2018 20:02
Operator : JU/SJ
Sample : J6192-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-120318

Quant Time: Dec 06 00:18:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	151259	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	555302	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	295207	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	613238	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	673953	20.00	ng	-0.04
87) Perylene-d12	23.36	264	719281	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	831008	92.72	ng	-0.04
7) Phenol-d6	6.76	99	929502	74.25	ng	-0.05
23) Nitrobenzene-d5	8.72	82	736246	68.45	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	444585	104.81	ng	-0.04
45) 2-Fluorobiphenyl	12.83	172	1583337	69.58	ng	-0.05
79) Terphenyl-d14	19.62	244	2342269	78.77	ng	-0.04
Target Compounds						Qvalue

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

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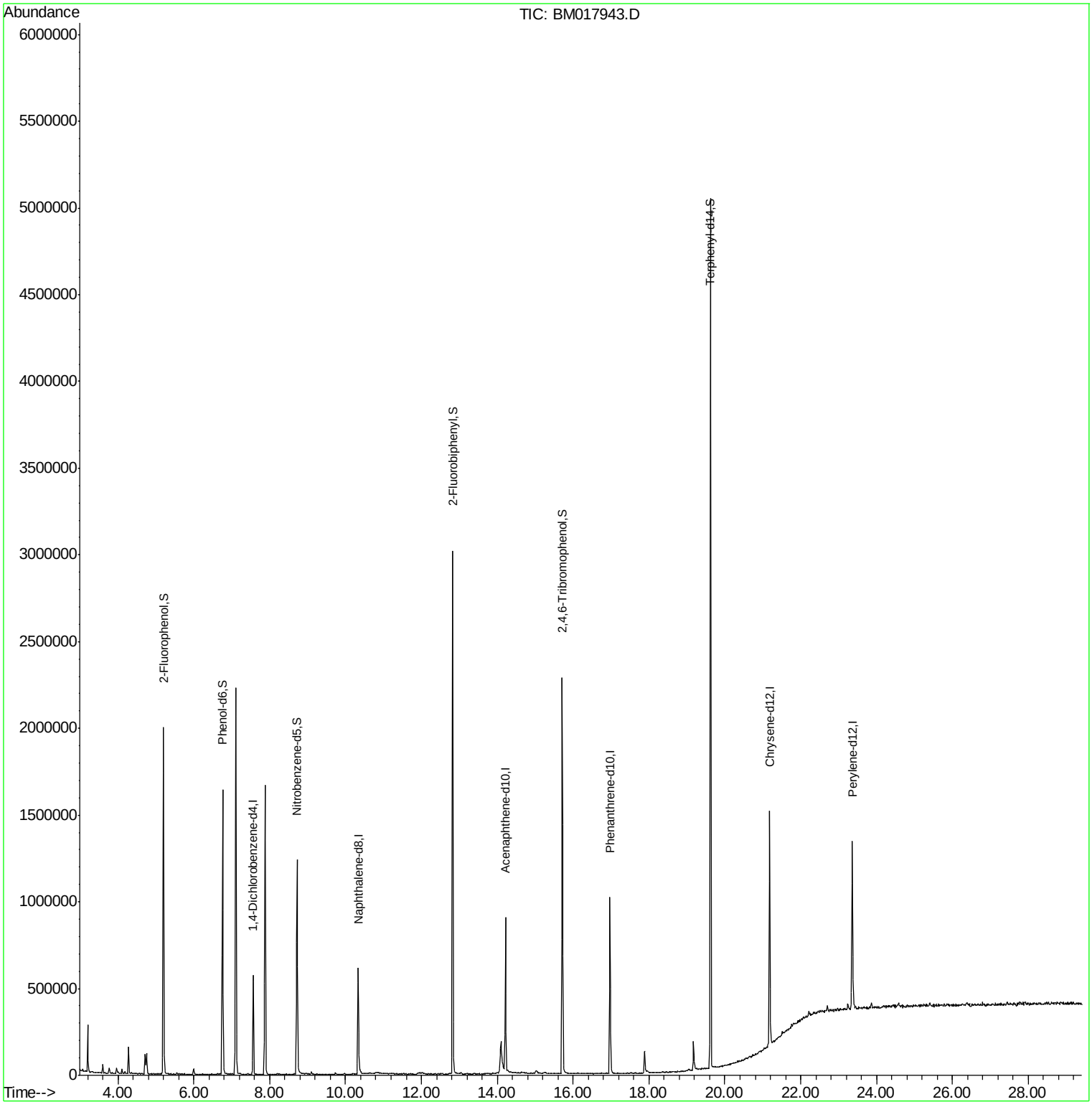
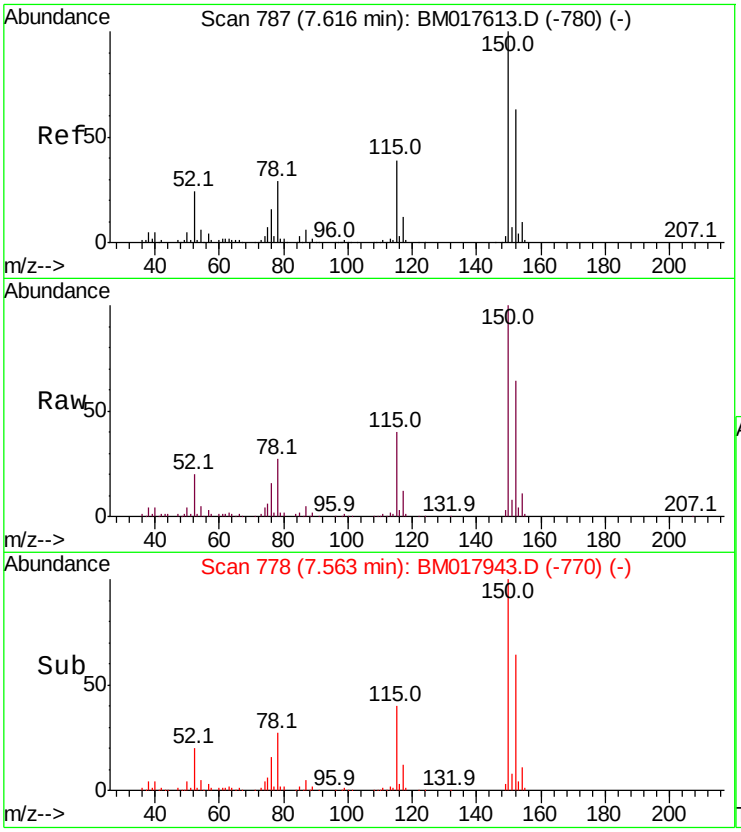


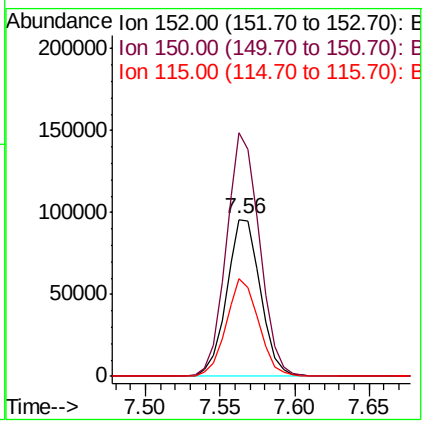


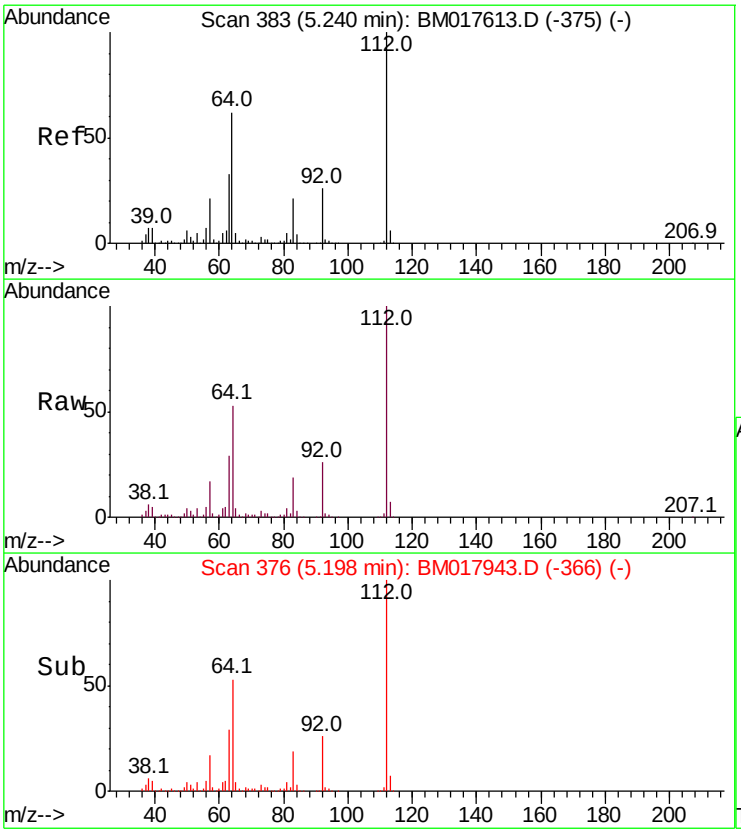
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.05 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Instrument :
BNA_M
ClientSampleId :
HD-02-120318

Tgt Ion:152 Resp: 151259

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.4	189.6
115	61.9	49.4	74.0

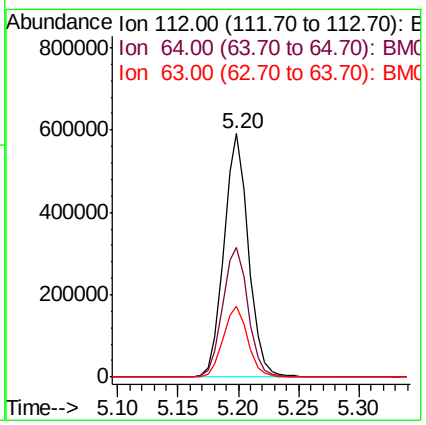


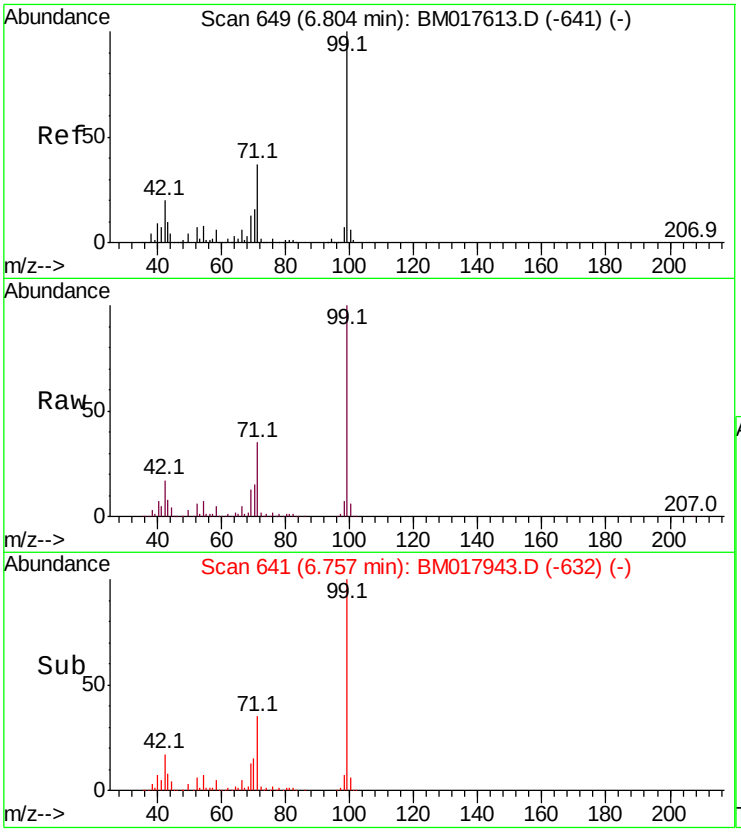


#5
2-Fluorophenol
Concen: 92.718 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Tgt Ion:112 Resp: 831008

Ion	Ratio	Lower	Upper
112	100		
64	53.3	49.3	73.9
63	29.2	26.2	39.4



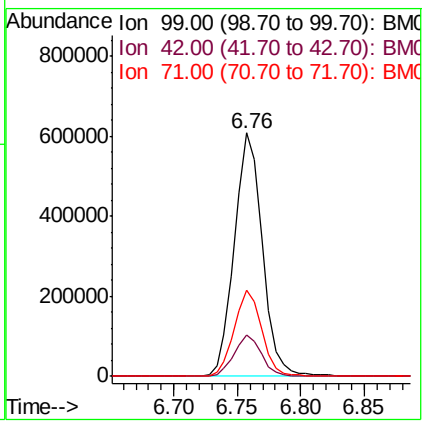


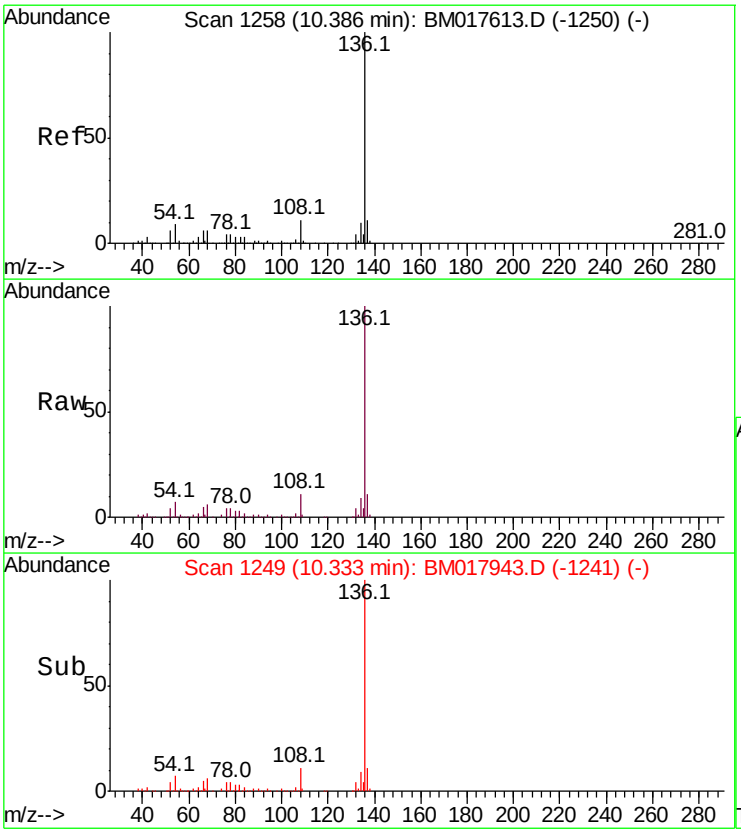
#7
Phenol-d6
Concen: 74.255 ng
RT: 6.76 min Scan# 641
Delta R.T. -0.05 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Instrument :
BNA_M
ClientSampleId :
HD-02-120318

Tgt Ion: 99 Resp: 929502

Ion	Ratio	Lower	Upper
99	100		
42	16.8	16.3	24.5
71	35.2	29.8	44.8

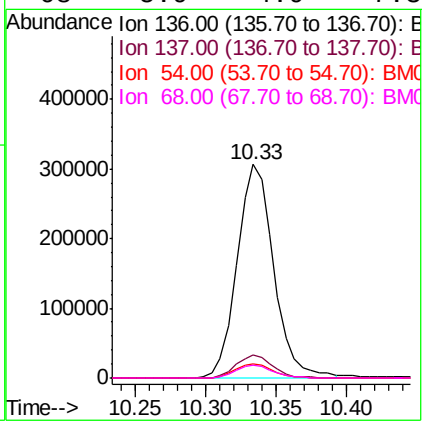


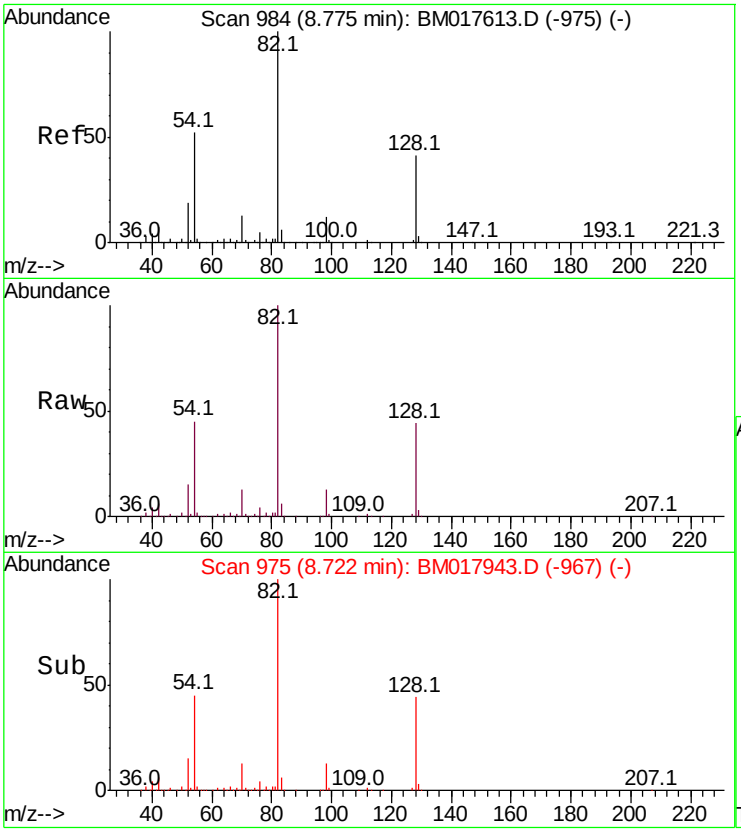


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Tgt Ion:136 Resp: 555302

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.7	7.0	10.6#
68	5.9	4.9	7.3



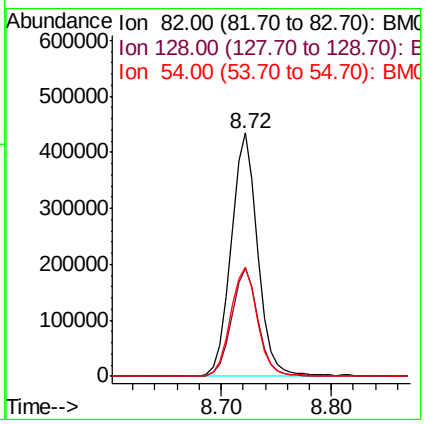


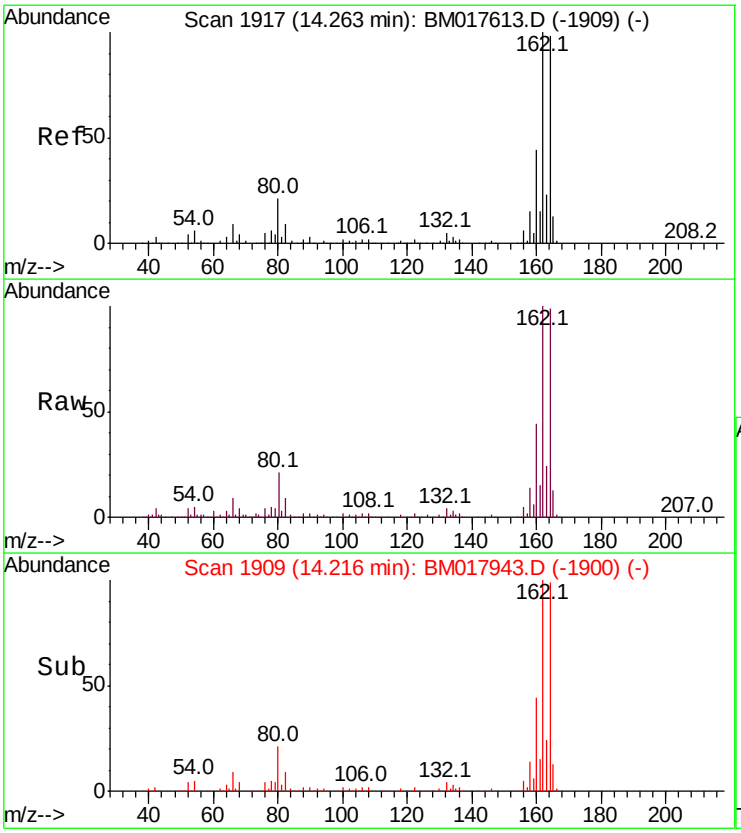
#23
Nitrobenzene-d5
Concen: 68.447 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.05 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Instrument :
BNA_M
ClientSampleId :
HD-02-120318

Tgt Ion: 82 Resp: 736246

Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.0	49.4
54	44.8	41.4	62.2

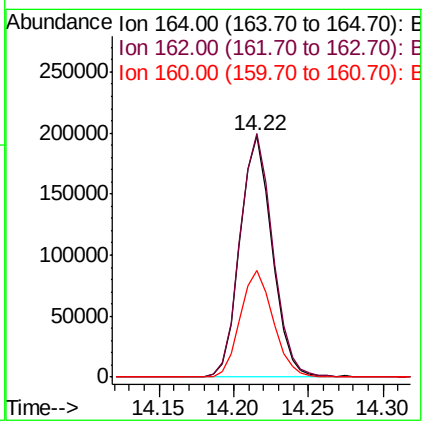


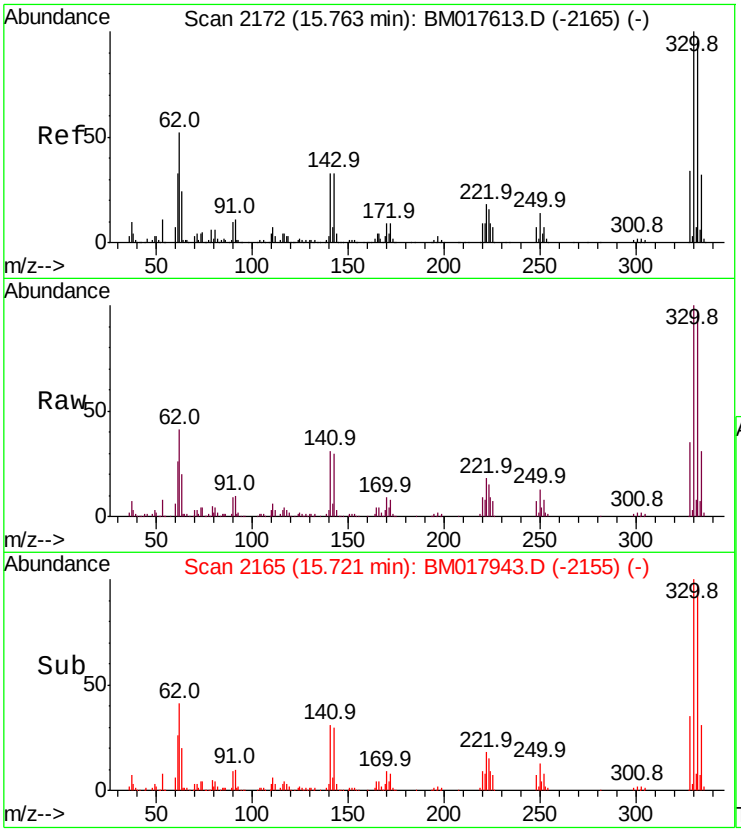


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.05 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Tgt Ion:164 Resp: 295207

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	43.9	35.6	53.4



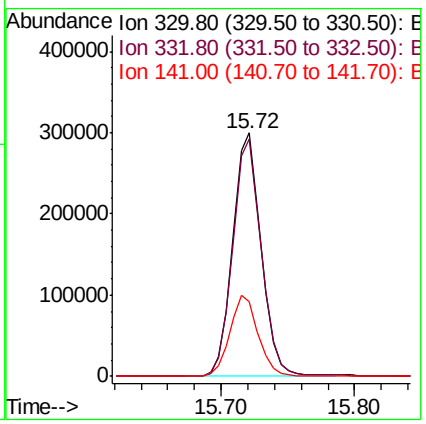


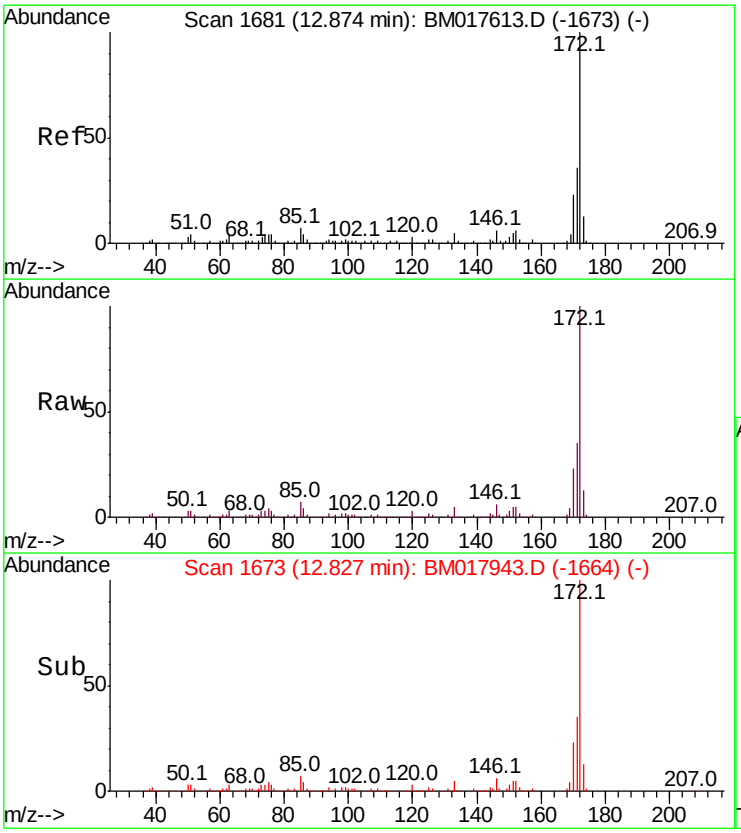
#42
2,4,6-Tribromophenol
Concen: 104.813 ng
RT: 15.72 min Scan# 2165
Delta R.T. -0.04 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Instrument :
BNA_M
ClientSampleId :
HD-02-120318

Tgt Ion:330 Resp: 444585

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.9	116.9
141	33.3	27.5	41.3

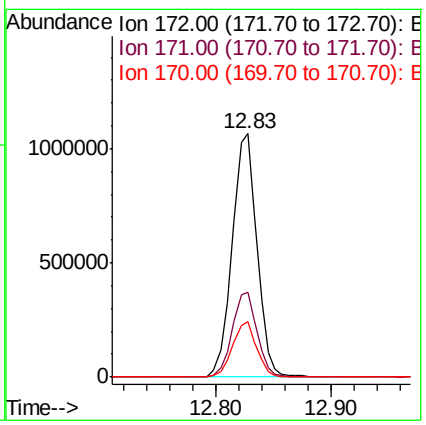


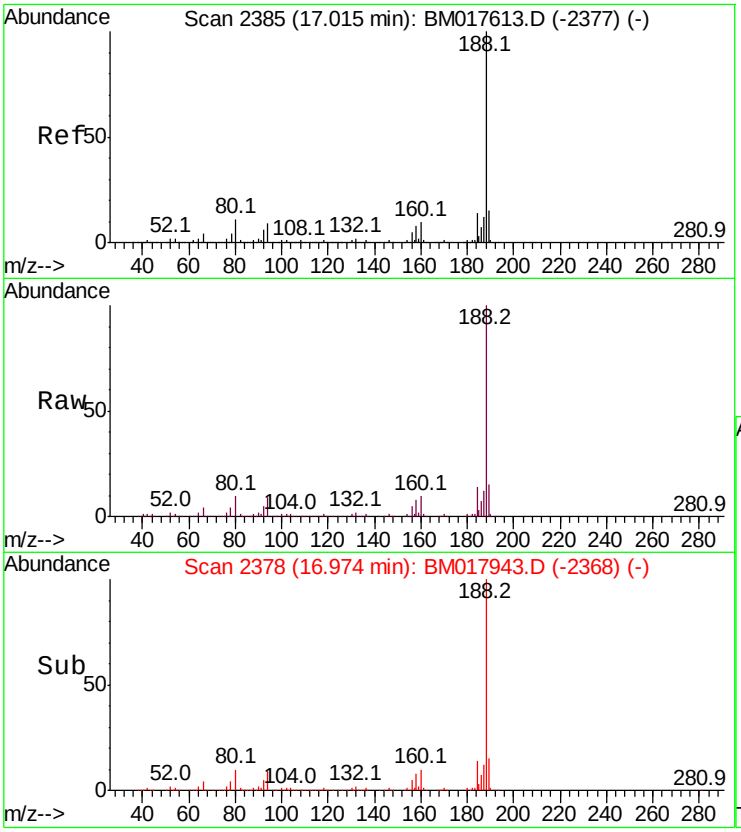


#45
2-Fluorobiphenyl
Concen: 69.582 ng
RT: 12.83 min Scan# 1673
Delta R.T. -0.05 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Tgt Ion:172 Resp: 1583337

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	22.7	18.3	27.5



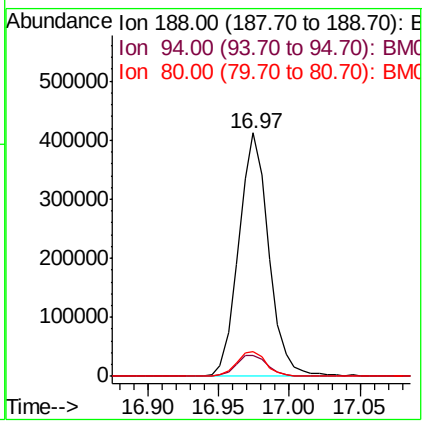


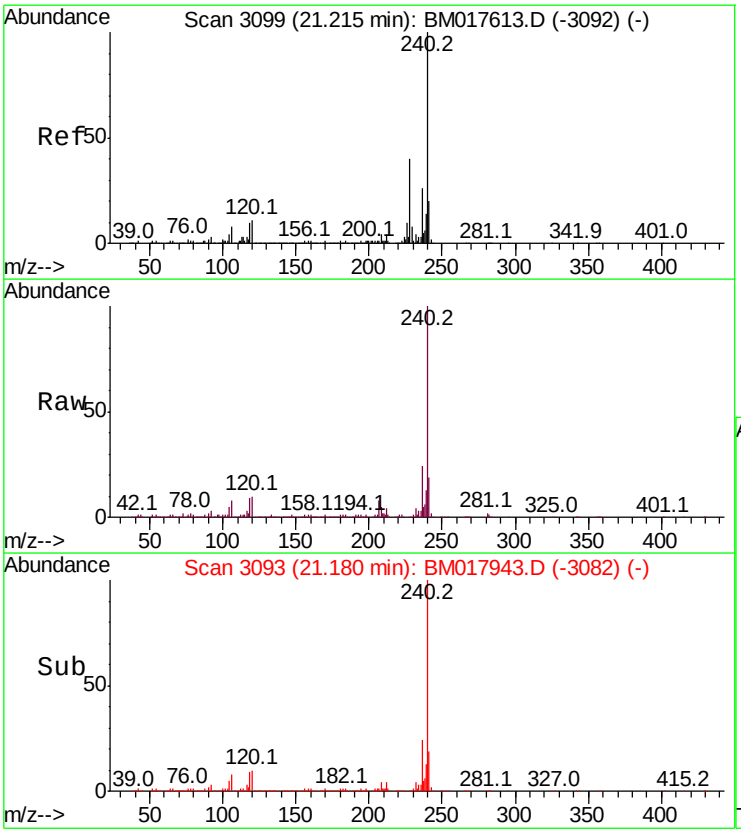
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.04 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Instrument :
BNA_M
ClientSampleId :
HD-02-120318

Tgt Ion:188 Resp: 613238

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.5	11.3
80	10.3	8.6	13.0

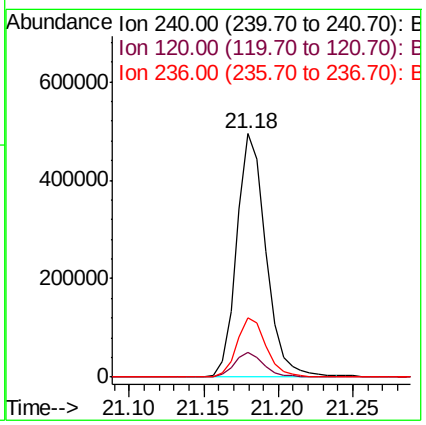


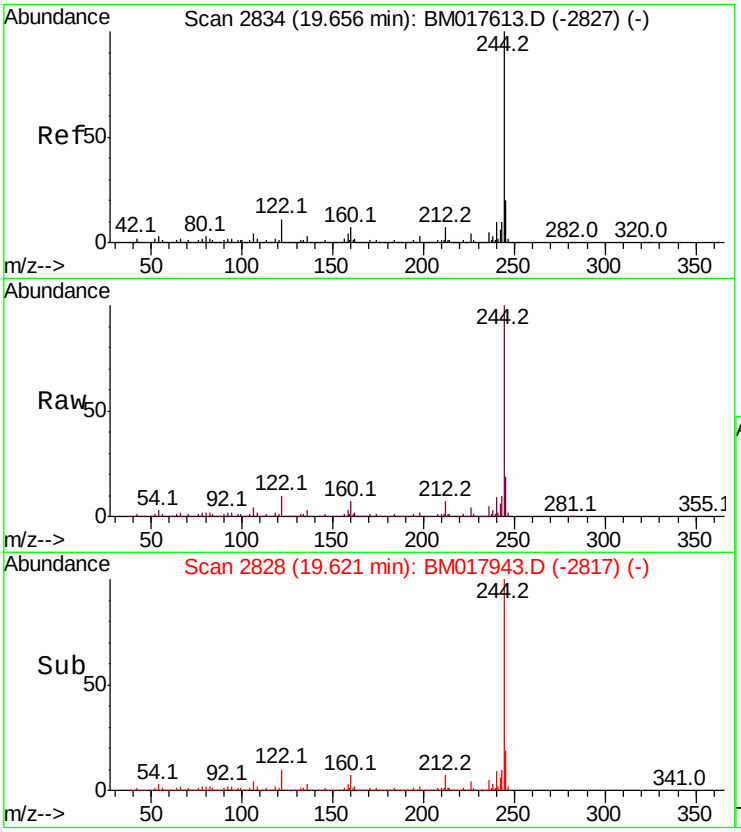


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.04 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Tgt Ion:240 Resp: 673953

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.5	12.7
236	24.1	20.4	30.6



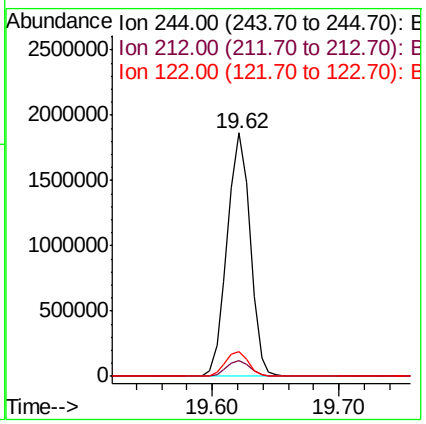


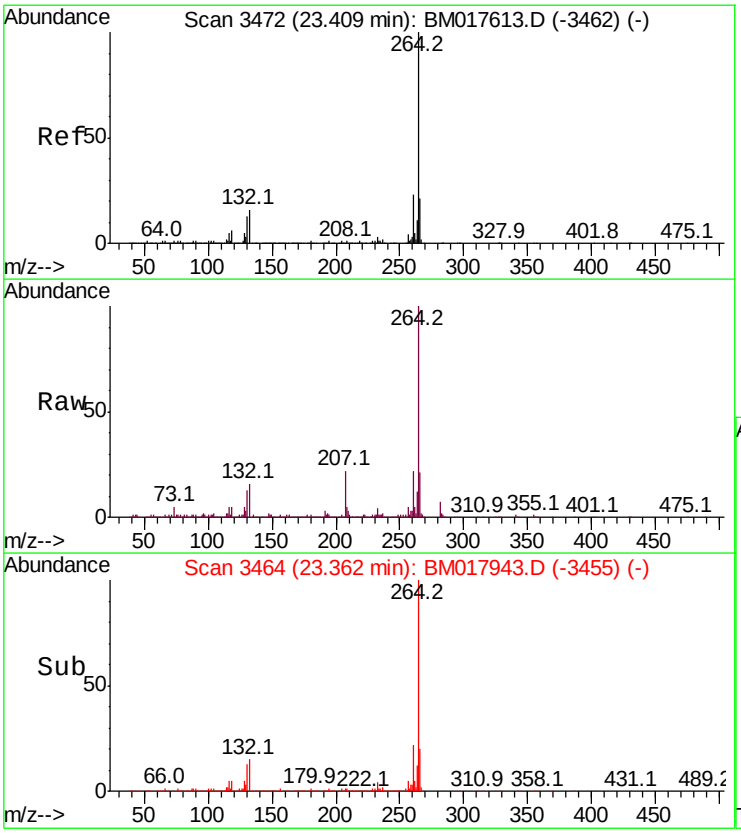
#79
Terphenyl-d14
Concen: 78.768 ng
RT: 19.62 min Scan# 2828
Delta R.T. -0.04 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Instrument :
BNA_M
ClientSampleId :
HD-02-120318

Tgt Ion:244 Resp: 2342269

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	10.3	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.05 min
Lab File: BM017943.D
Acq: 05 Dec 2018 20:02

Tgt Ion:264 Resp: 719281

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	21.1	17.5	26.3