Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117374.D
Acq On : 12 Oct 2019 17:56
Operator : JU
Sample : K5325-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 10-10-H

Quant Time: Oct 14 02:28:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43205	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	177331	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	94197	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	161442	20.00	ng	0.00
76) Chrysene-d12	13.96	240	129005	20.00	ng	-0.01
87) Perylene-d12	15.42	264	125031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	314156	113.52	ng	0.00
7) Phenol-d6	6.44	99	424131	118.59	ng	-0.01
23) Nitrobenzene-d5	7.36	82	269649	79.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	86346	109.68	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	468300	77.73	ng	-0.01
79) Terphenyl-d14	12.90	244	517447	74.98	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	9663	2.451	ng	# 76
50) Dimethylphthalate	9.55	163	54735	8.207	ng	100

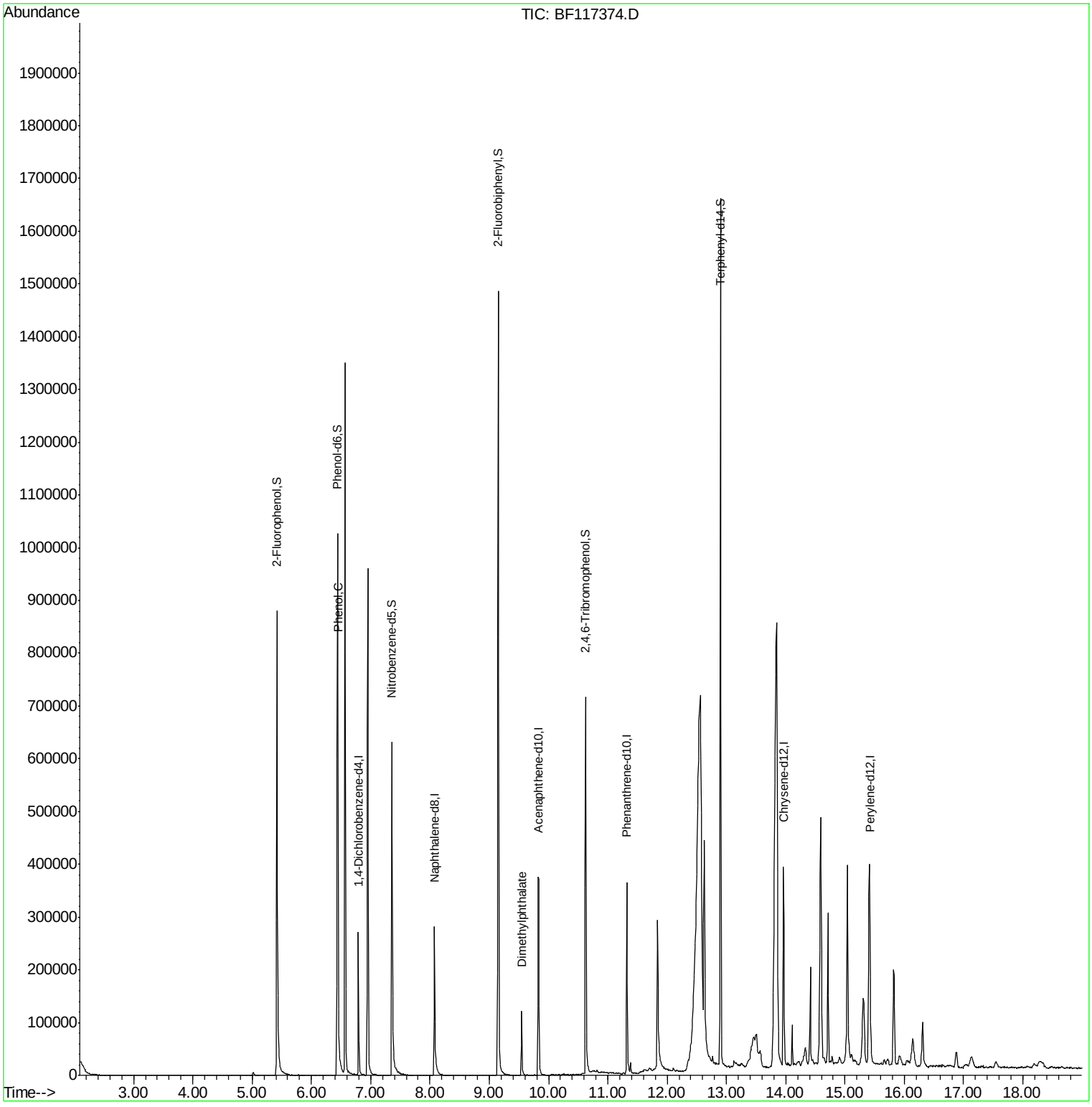
(#) = qualifier out of range (m) = manual integration (+) = signals summed

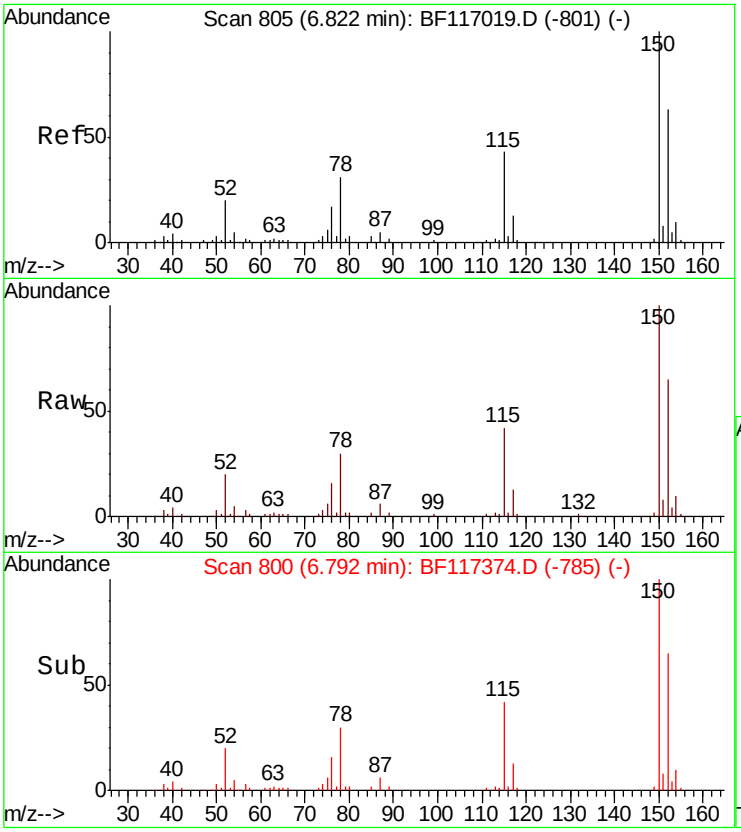
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117374.D
Acq On : 12 Oct 2019 17:56
Operator : JU
Sample : K5325-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
10-10-H

Quant Time: Oct 14 02:28:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration



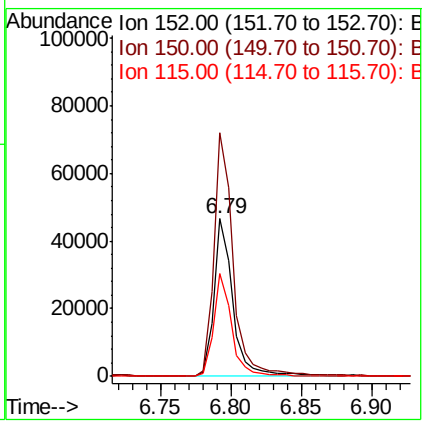


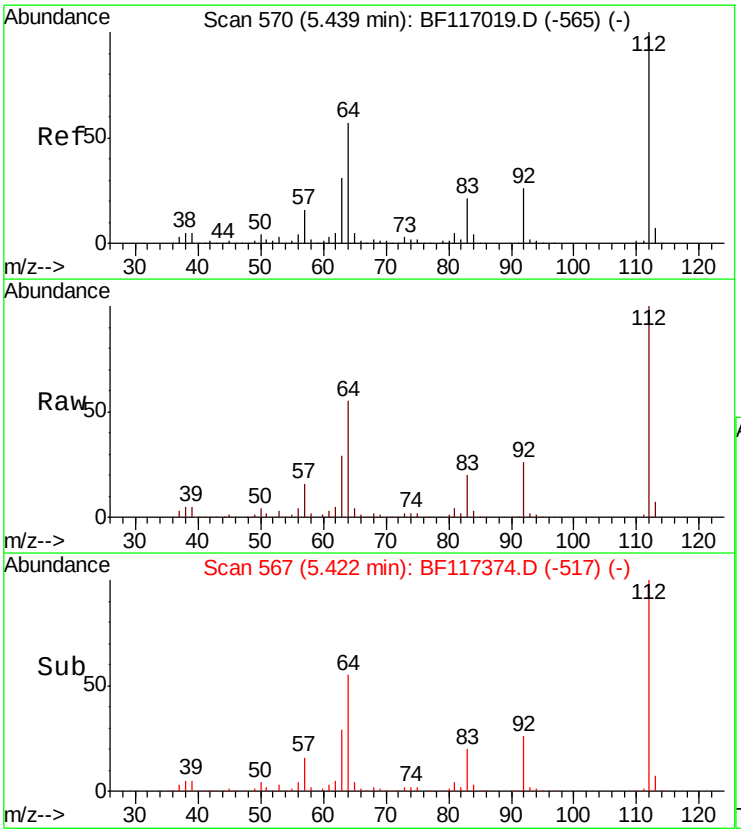
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Instrument :
BNA_F
ClientSampleId :
10-10-H

Tgt Ion:152 Resp: 43205

Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.5	191.3
115	65.4	55.0	82.4

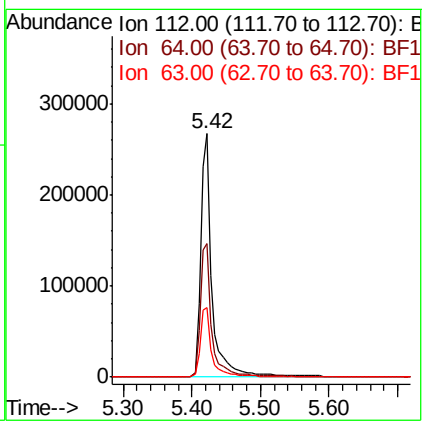


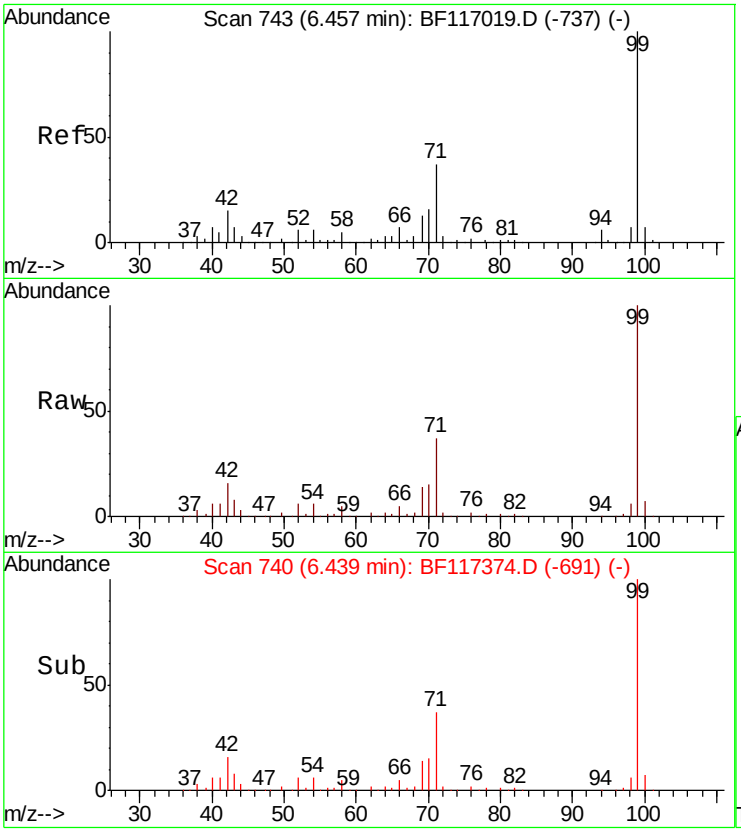


#5
2-Fluorophenol
Concen: 113.523 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Tgt Ion:112 Resp: 314156

Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.7	68.5
63	28.5	24.9	37.3



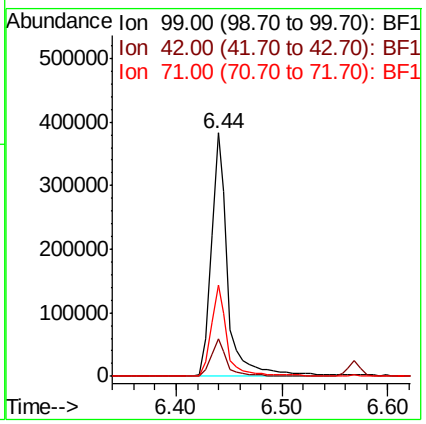


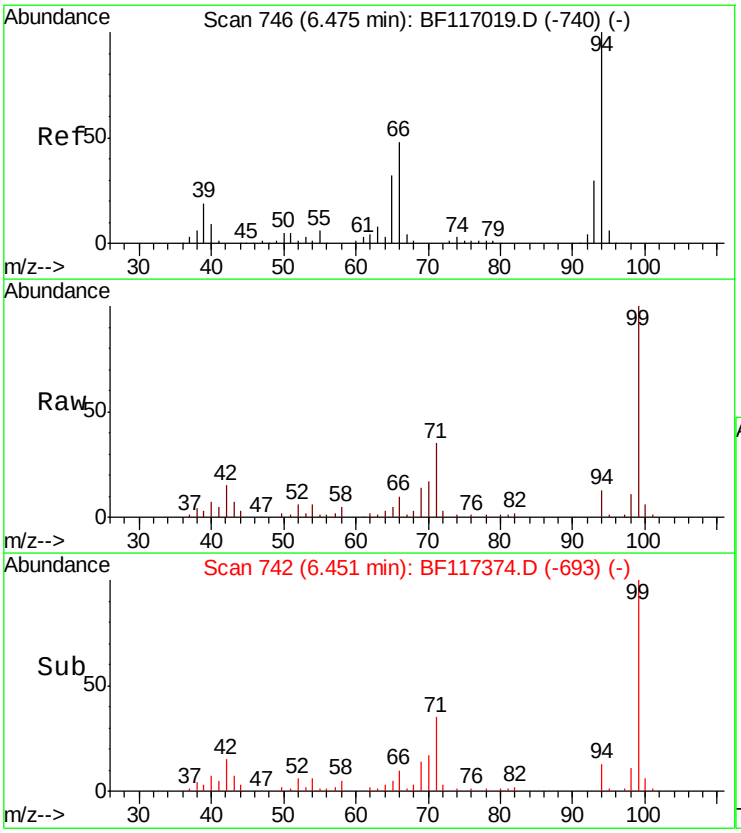
#7
Phenol-d6
Concen: 118.592 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Instrument :
BNA_F
ClientSampleId :
10-10-H

Tgt Ion: 99 Resp: 424131

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	37.3	29.8	44.8

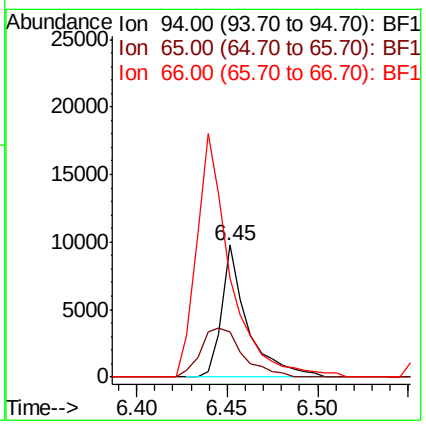


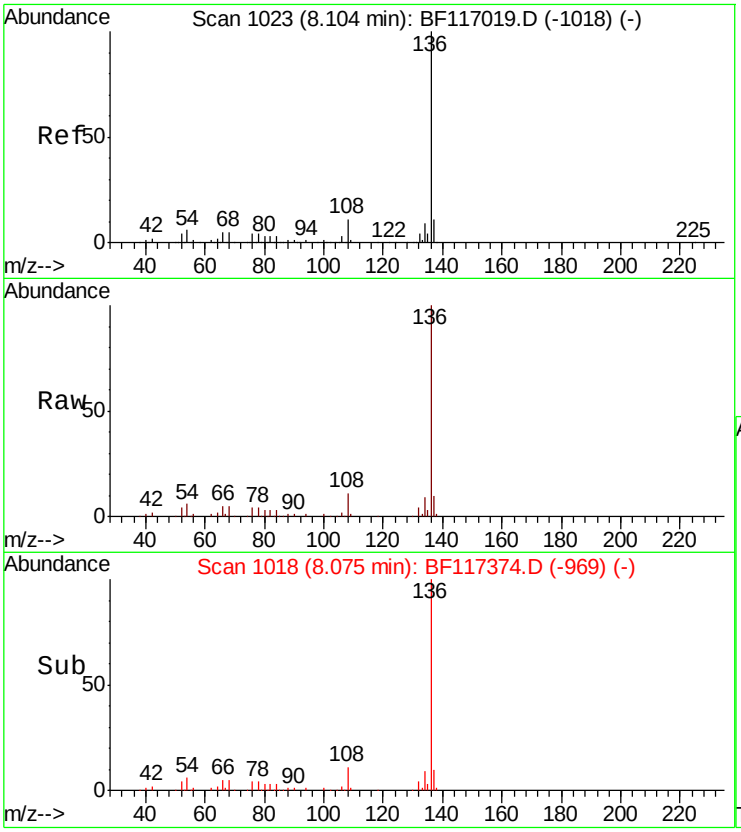


#10
Phenol
Concen: 2.451 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Tgt Ion: 94 Resp: 9663

Ion	Ratio	Lower	Upper
94	100		
65	34.3	12.5	52.5
66	74.9	28.9	68.9#



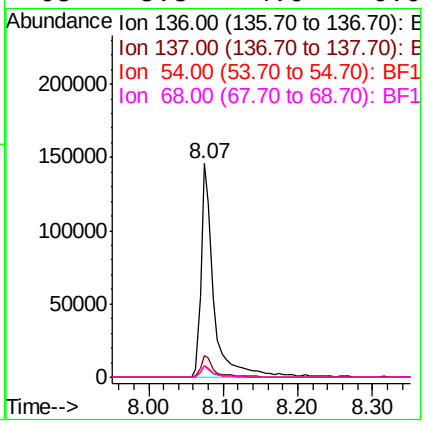


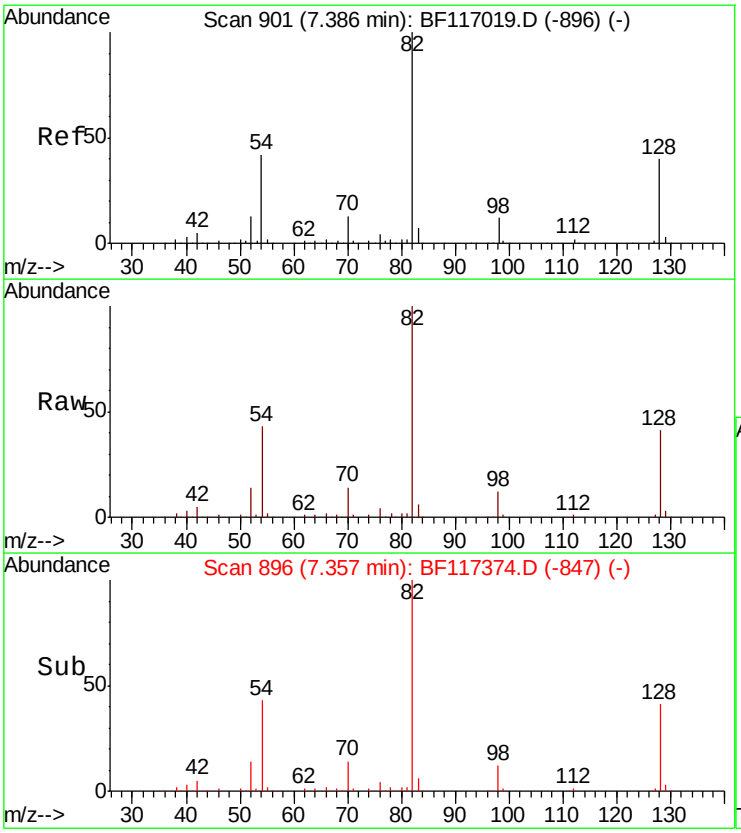
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Instrument :
BNA_F
ClientSampleId :
10-10-H

Tgt Ion:136 Resp: 177331

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	5.7	4.5	6.7
68	5.3	4.0	6.0

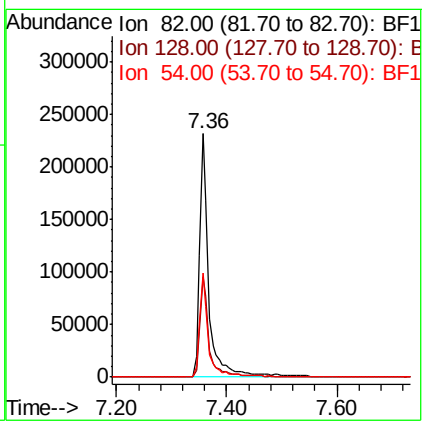


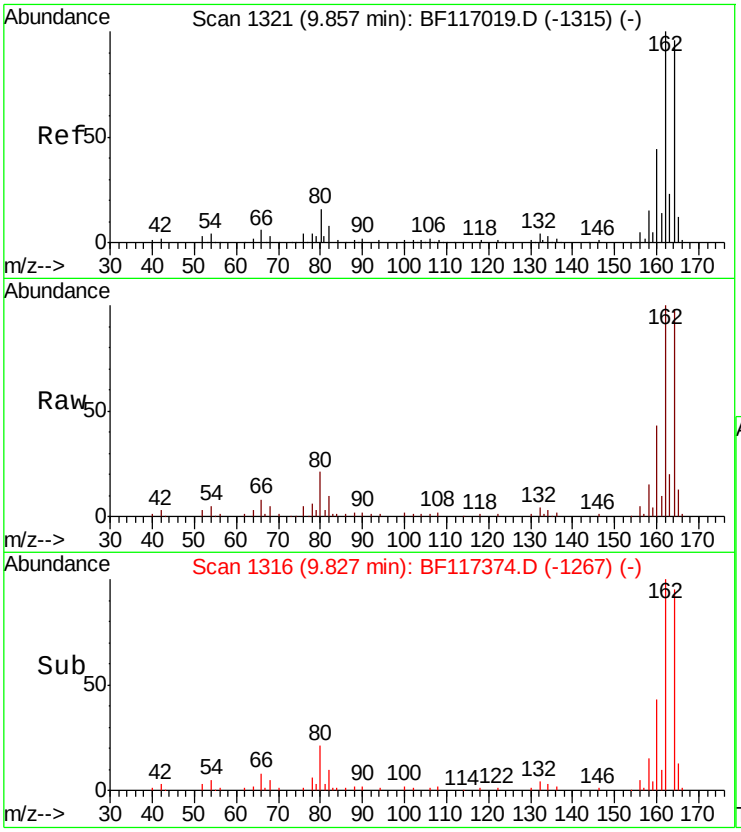


#23
Nitrobenzene-d5
Concen: 79.896 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Tgt Ion: 82 Resp: 269649

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	42.7	33.3	49.9



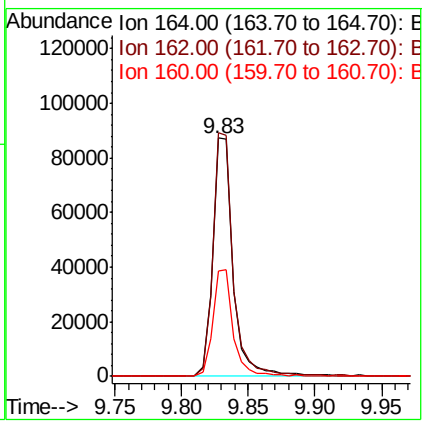


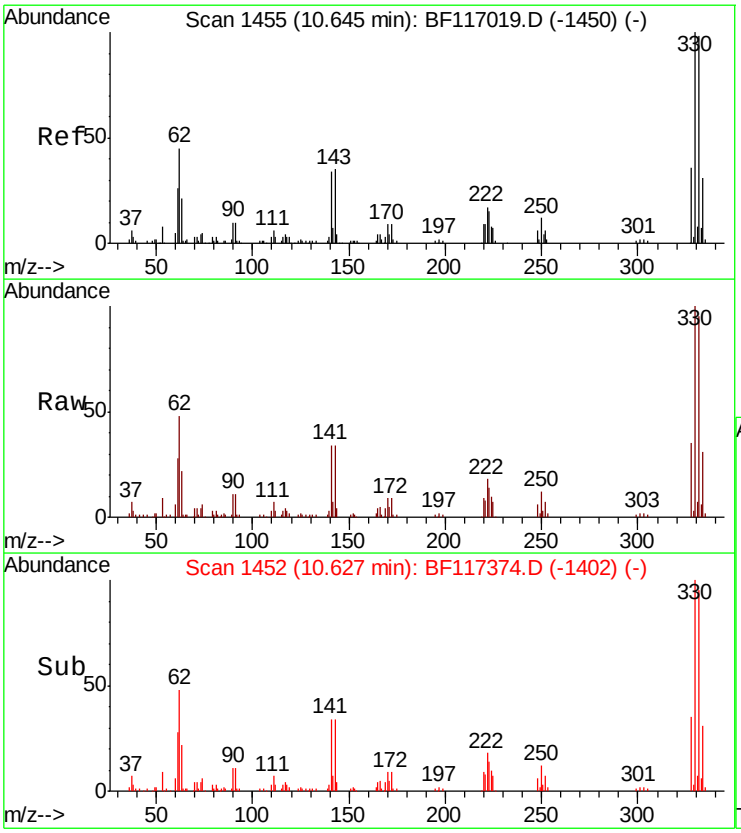
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Instrument :
BNA_F
ClientSampleId :
10-10-H

Tgt Ion:164 Resp: 94197

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.4	125.2
160	44.0	36.4	54.6

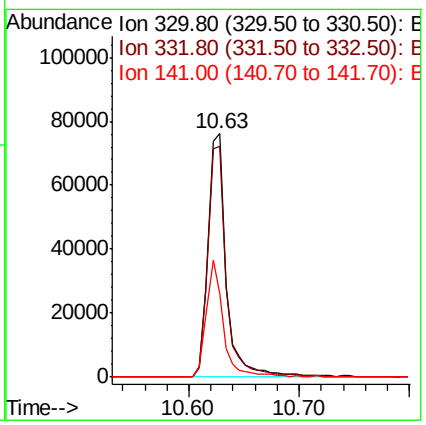


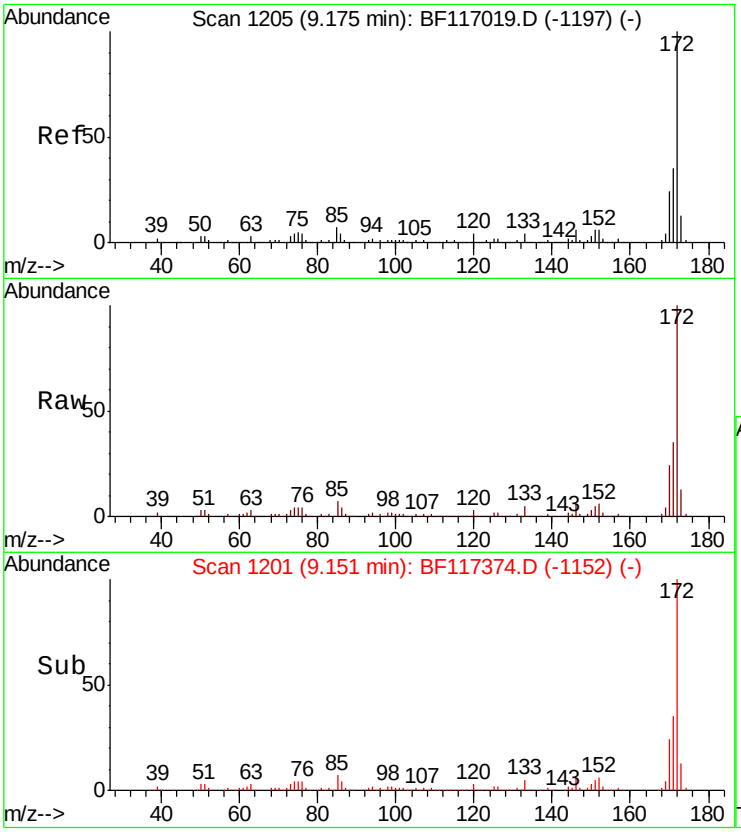


#42
2,4,6-Tribromophenol
Concen: 109.678 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Tgt Ion:330 Resp: 86346

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.0	117.0
141	44.0	35.8	53.6



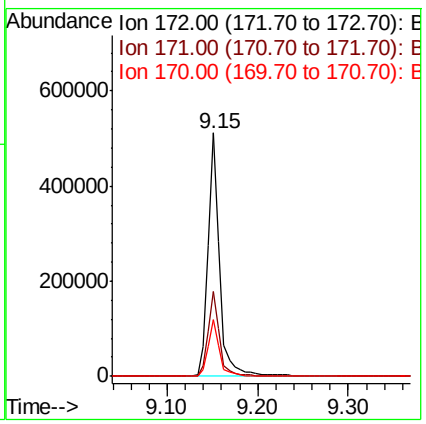


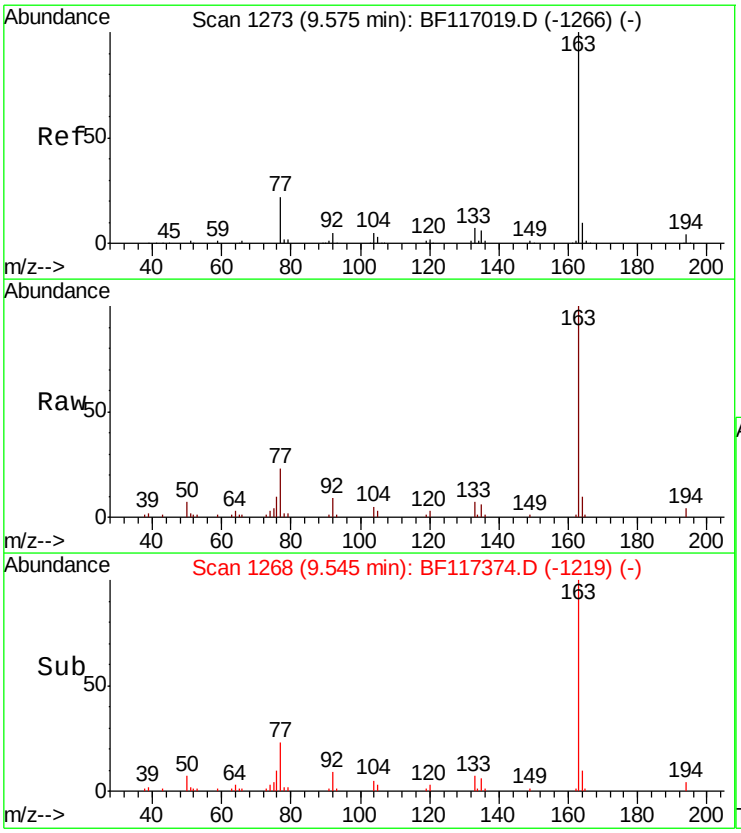
#45
2-Fluorobiphenyl
Concen: 77.733 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Instrument :
BNA_F
ClientSampleId :
10-10-H

Tgt Ion:172 Resp: 468300

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.6	18.9	28.3

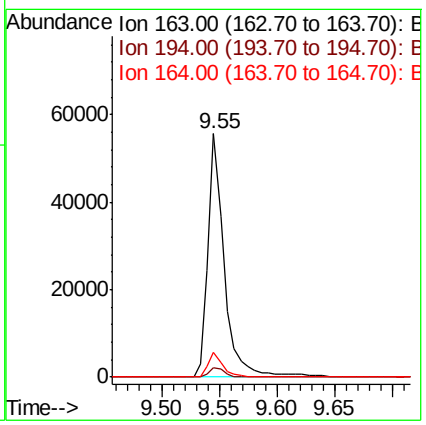


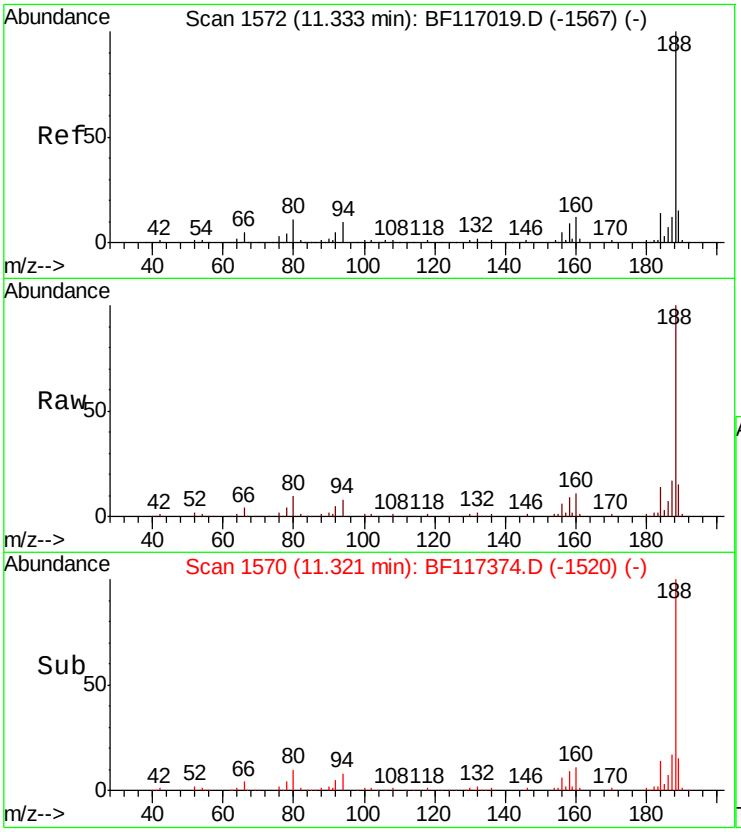


#50
Dimethylphthalate
Concen: 8.207 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Tgt Ion:163 Resp: 54735

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.3	8.2	12.4



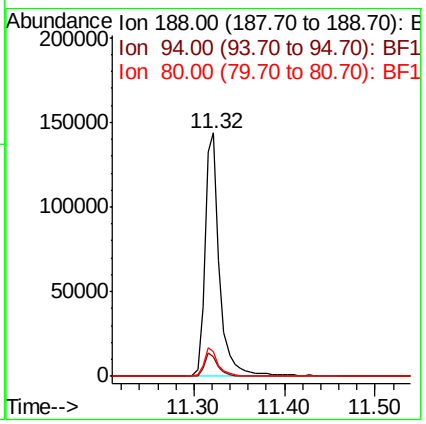


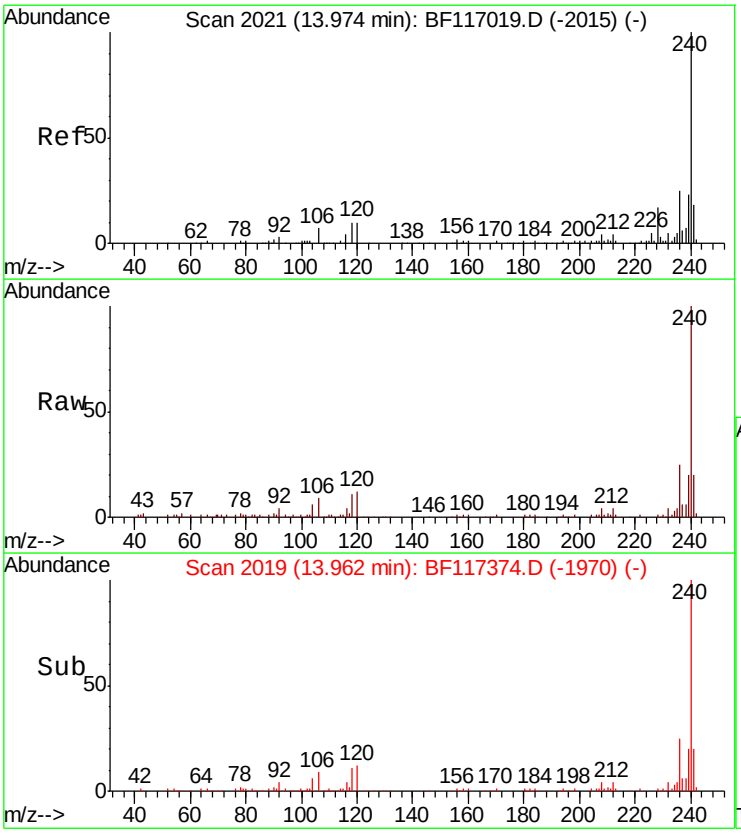
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Instrument :
BNA_F
ClientSampleId :
10-10-H

Tgt Ion:188 Resp: 161442

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	10.1	9.0	13.6

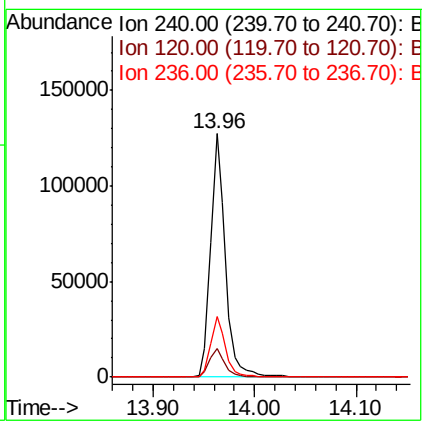


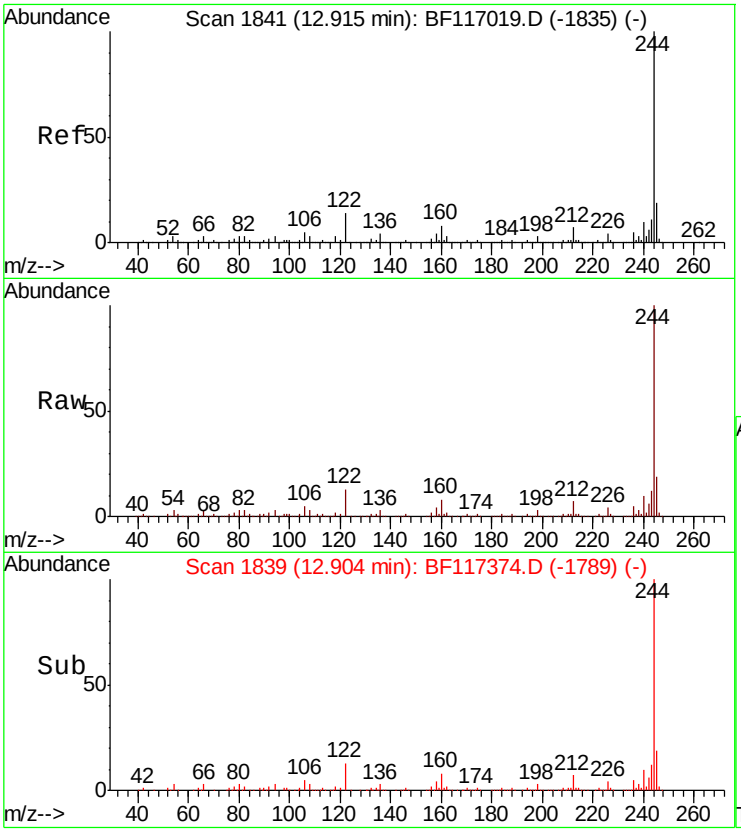


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Tgt Ion:240 Resp: 129005

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	24.7	20.3	30.5



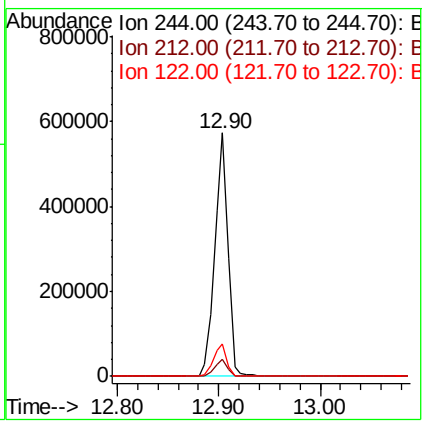


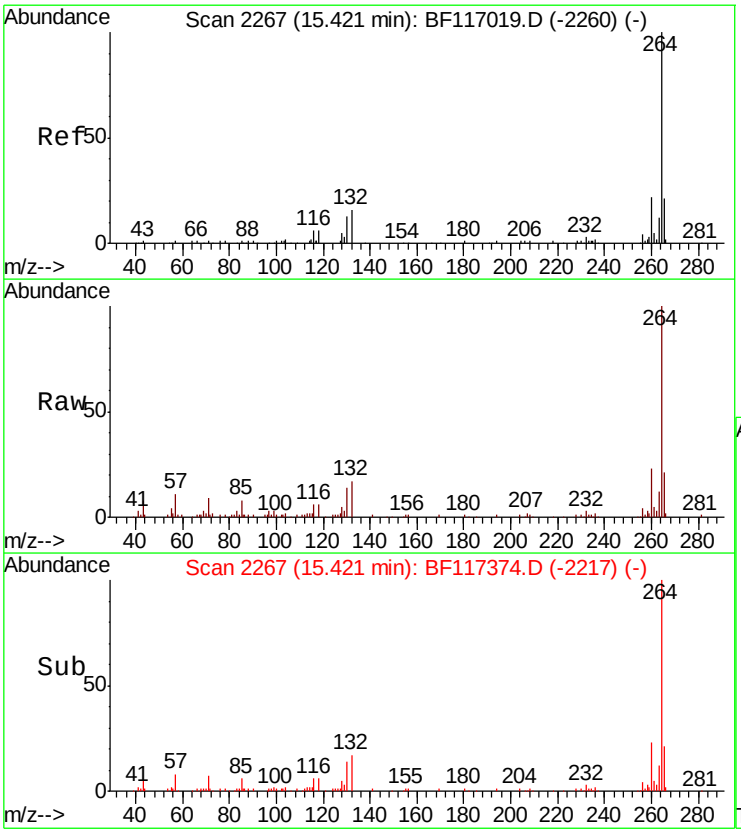
#79
Terphenyl-d14
Concen: 74.976 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Instrument :
BNA_F
ClientSampleId :
10-10-H

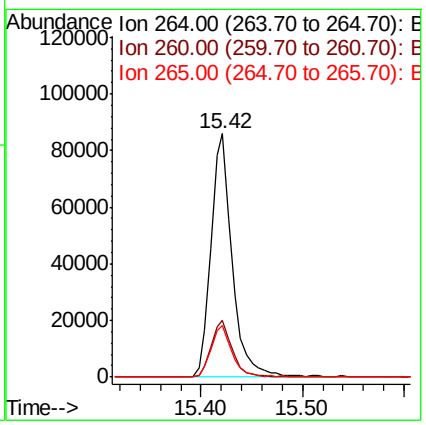
Tgt Ion:244 Resp: 517447

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.3	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF117374.D
Acq: 12 Oct 2019 17:56

Tgt Ion:264 Resp: 125031

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.6	26.4
265	21.3	16.6	24.8