Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
Data File : BF117362.D
Acq On : 10 Oct 2019 16:15
Operator : JU
Sample : K5297-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HH-CONCRETE

Quant Time: Oct 11 06:30:58 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	44217	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	174094	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	93789	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	154874	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	125406	20.00	ng	-0.01
87) Perylene-d12	15.42	264	117016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	121544	42.92	ng	0.00
7) Phenol-d6	6.44	99	292349	79.87	ng	-0.01
23) Nitrobenzene-d5	7.36	82	207436	62.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	8384	10.70	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	390159	65.04	ng	-0.01
79) Terphenyl-d14	12.90	244	408892	60.95	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.45	94	11562	2.865	ng	93
50) Dimethylphthalate	9.55	163	39221	5.906	ng	99

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

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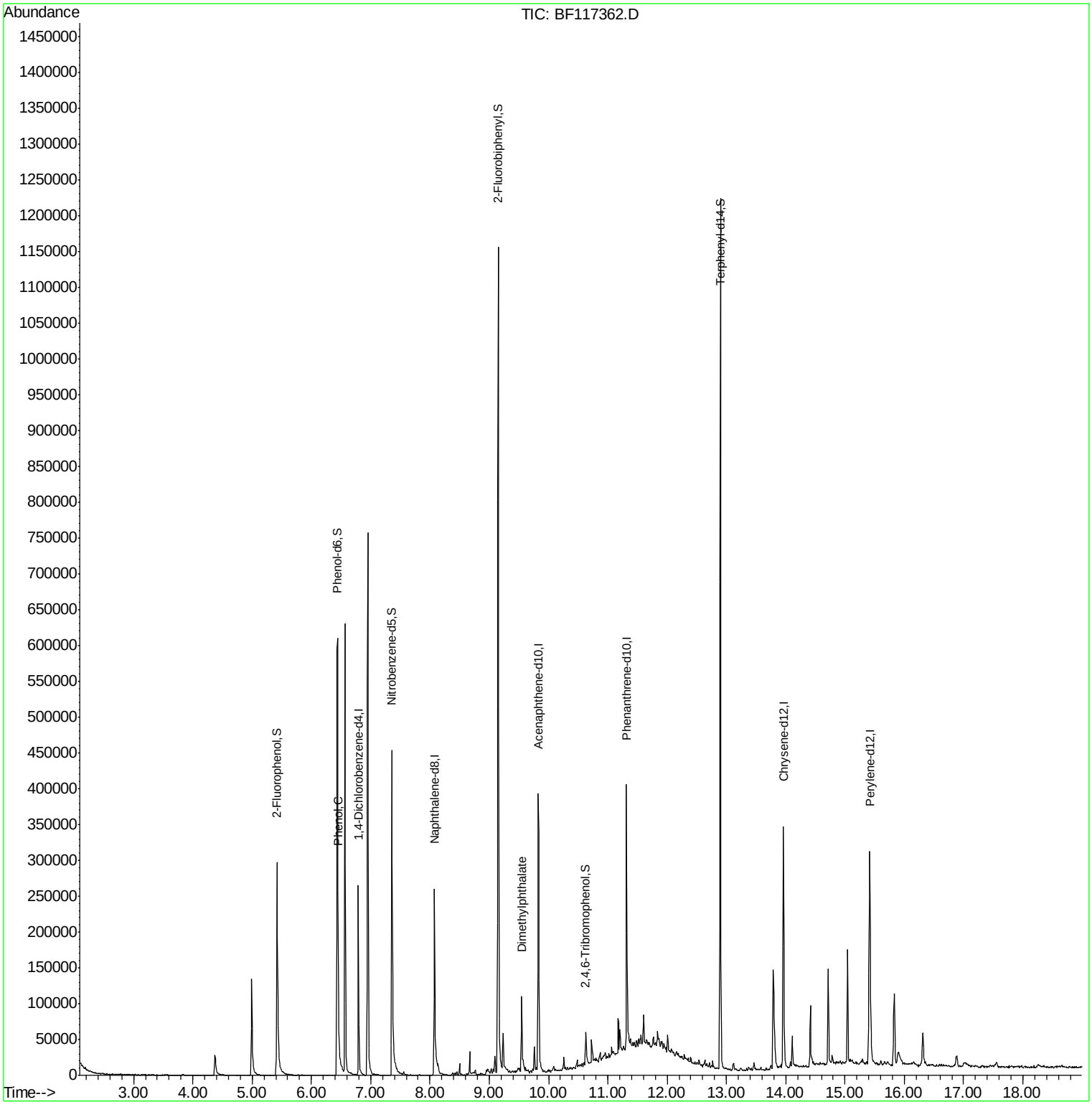
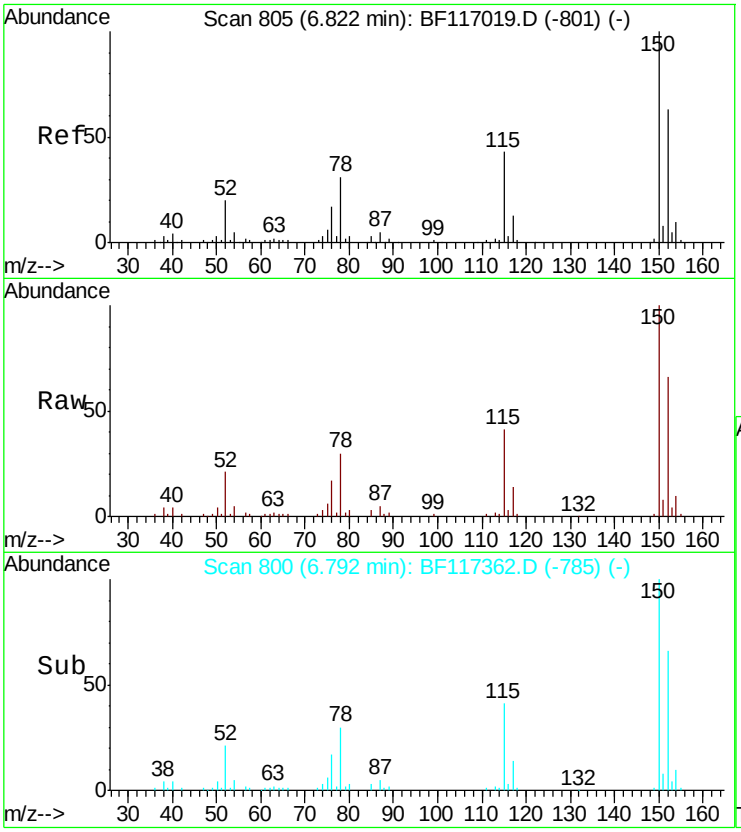


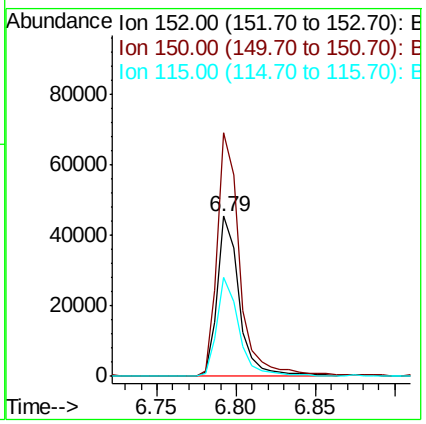


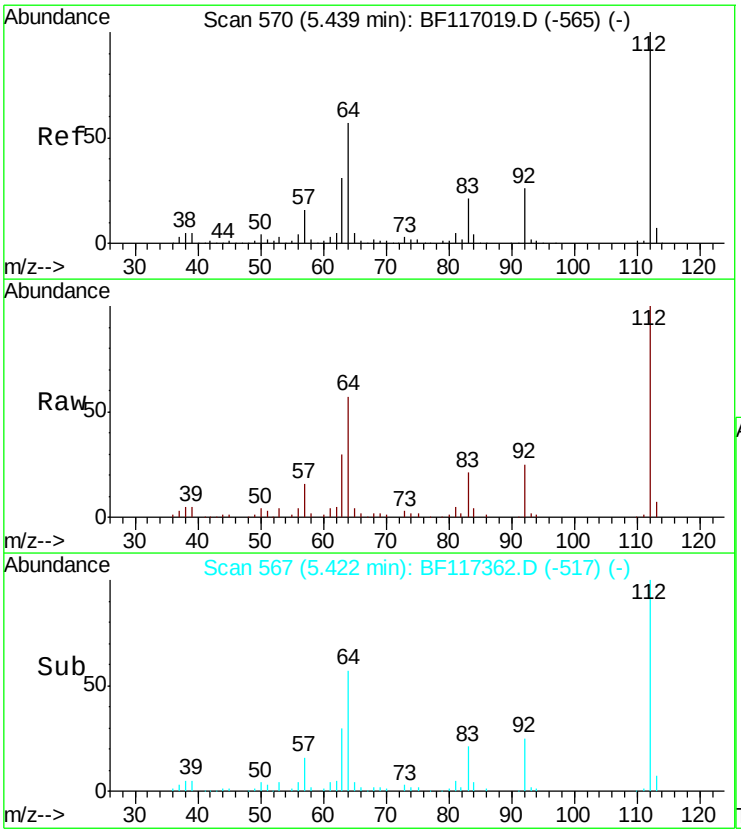
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

Tgt Ion:152 Resp: 44217

Ion	Ratio	Lower	Upper
152	100		
150	152.0	127.5	191.3
115	61.7	55.0	82.4

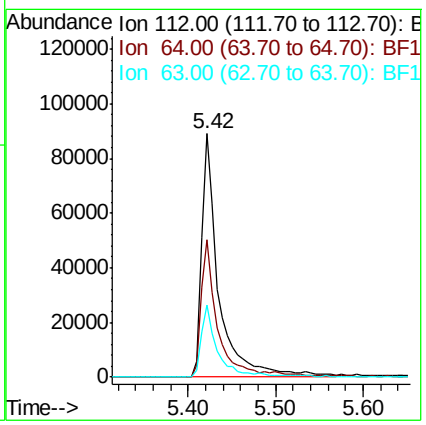


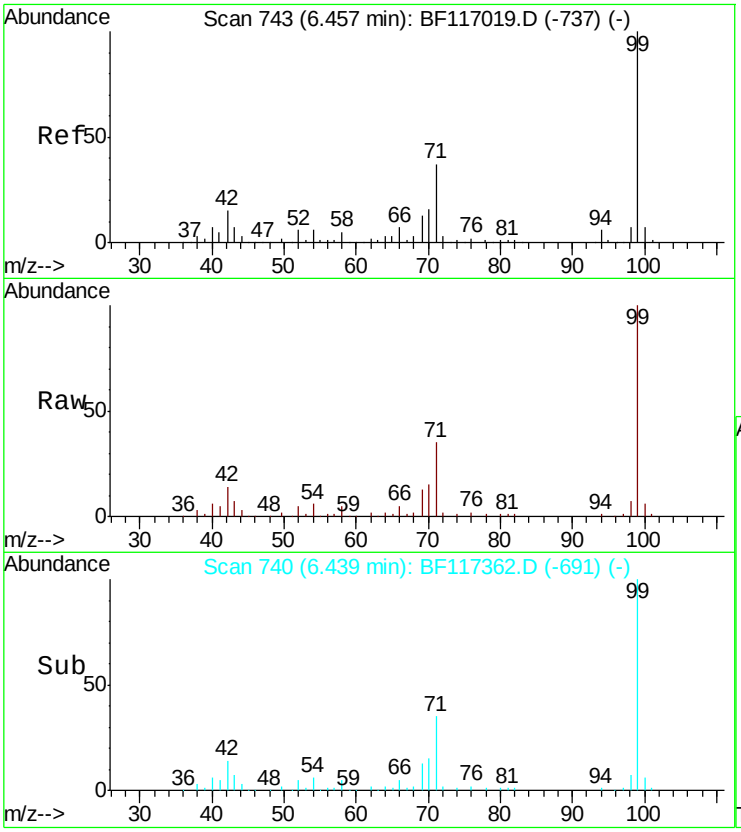


#5
2-Fluorophenol
Concen: 42.916 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Tgt Ion:112 Resp: 121544

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.7	68.5
63	29.5	24.9	37.3



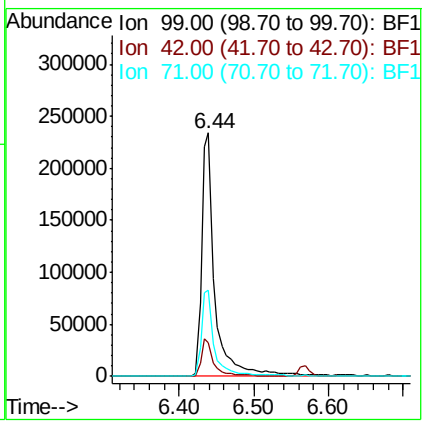


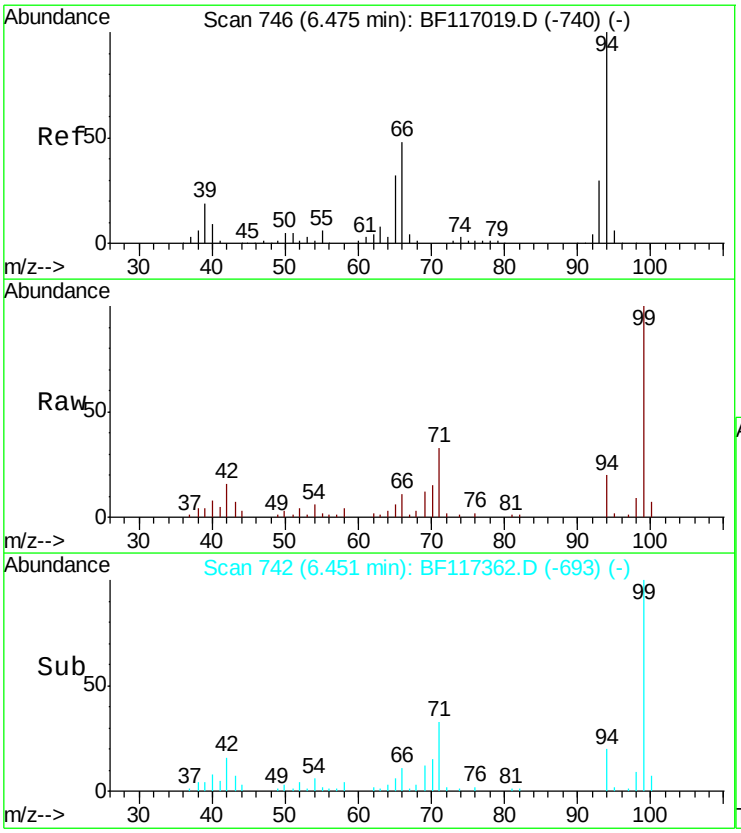
#7
Phenol-d6
Concen: 79.873 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

Tgt Ion: 99 Resp: 292349

Ion	Ratio	Lower	Upper
99	100		
42	13.7	12.2	18.2
71	35.2	29.8	44.8

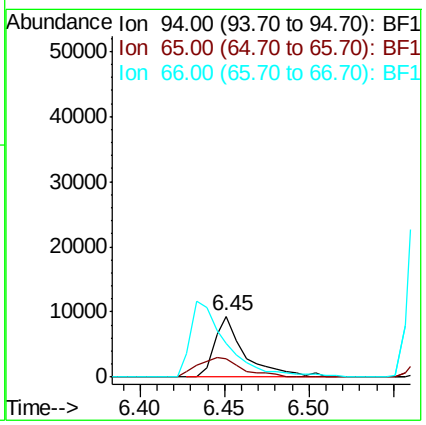


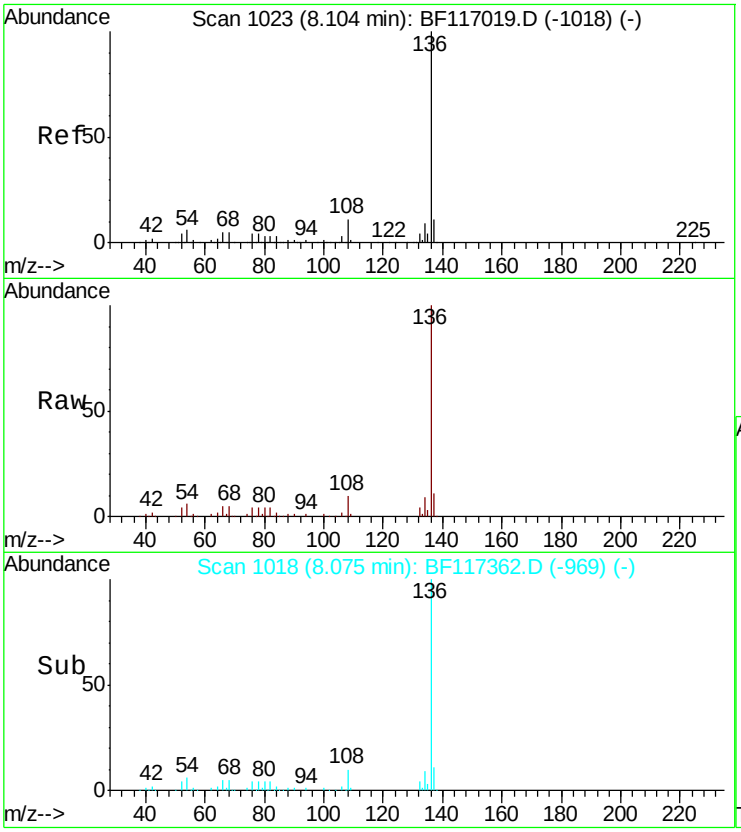


#10
Phenol
Concen: 2.865 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Tgt Ion: 94 Resp: 11562

Ion	Ratio	Lower	Upper
94	100		
65	30.6	12.5	52.5
66	55.8	28.9	68.9



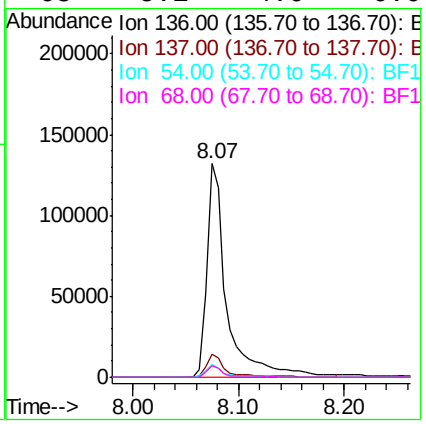


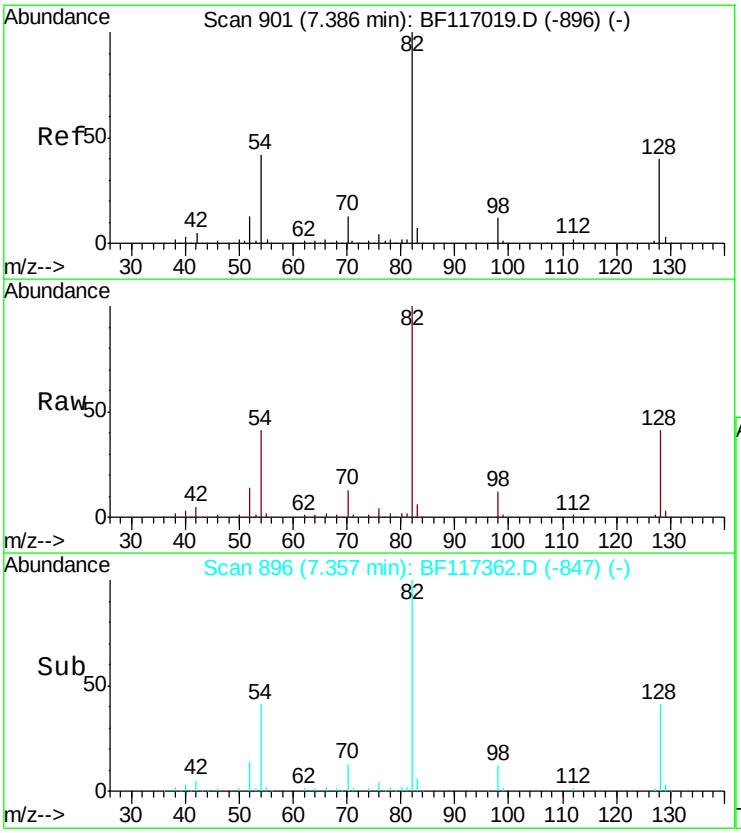
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

Tgt Ion:136 Resp: 174094

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.1	4.5	6.7
68	5.1	4.0	6.0

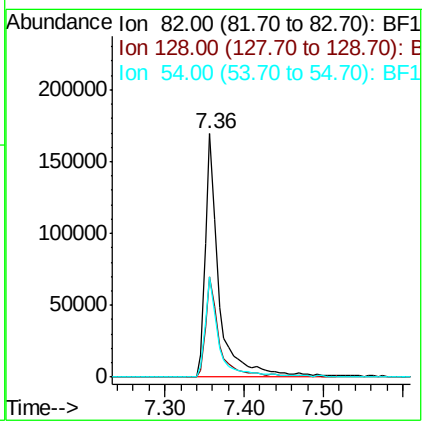


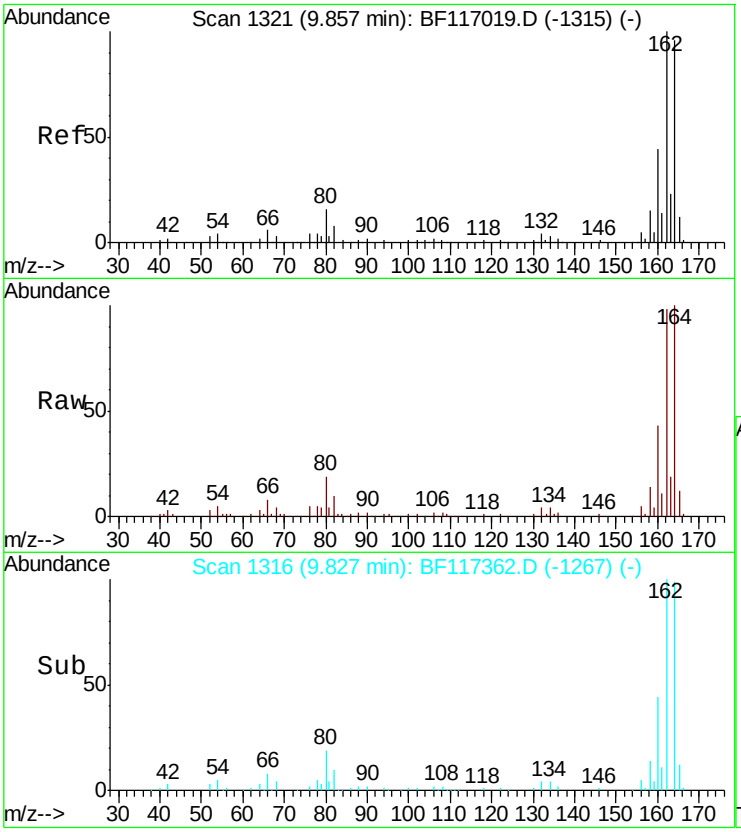


#23
Nitrobenzene-d5
Concen: 62.605 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Tgt Ion: 82 Resp: 207436

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	41.2	33.3	49.9



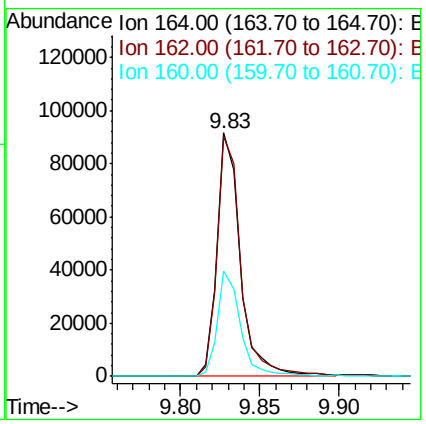


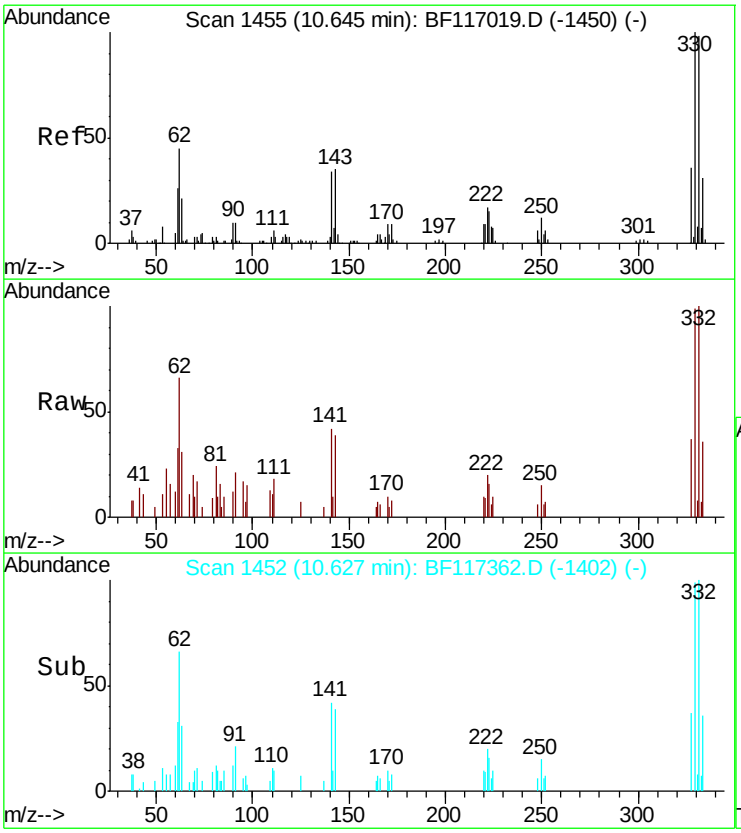
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

Tgt Ion:164 Resp: 93789

Ion	Ratio	Lower	Upper
164	100		
162	98.5	83.4	125.2
160	43.2	36.4	54.6

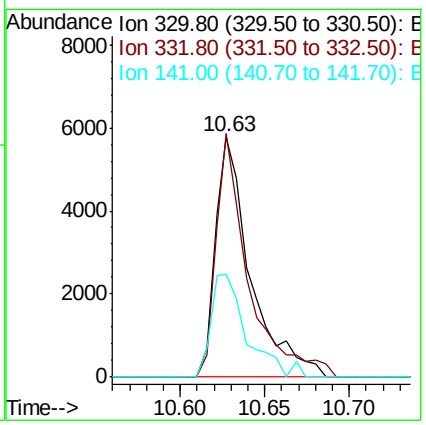


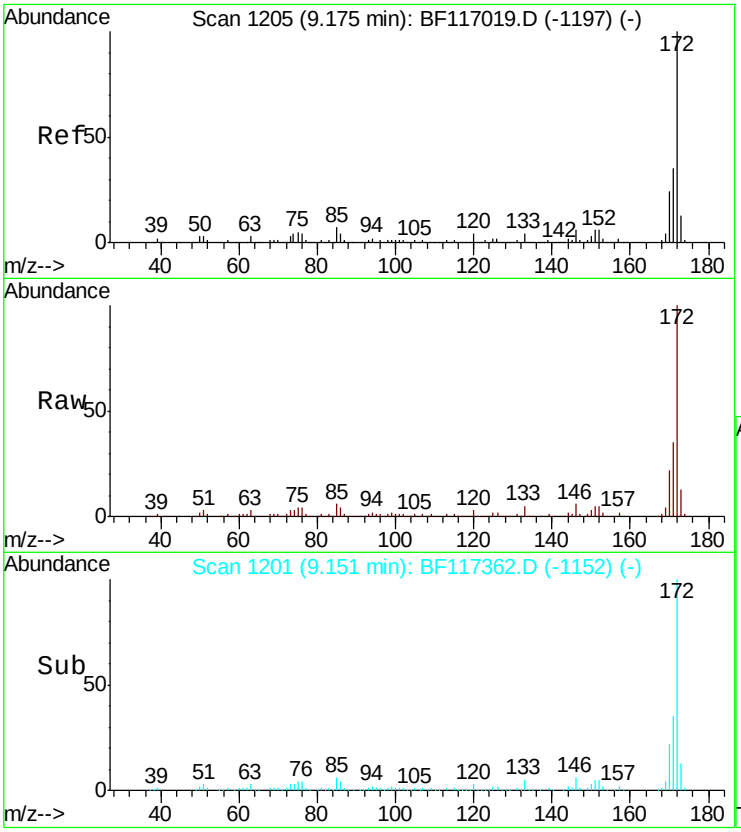


#42
2,4,6-Tribromophenol
Concen: 10.696 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Tgt Ion:330 Resp: 8384

Ion	Ratio	Lower	Upper
330	100		
332	93.4	78.0	117.0
141	43.6	35.8	53.6



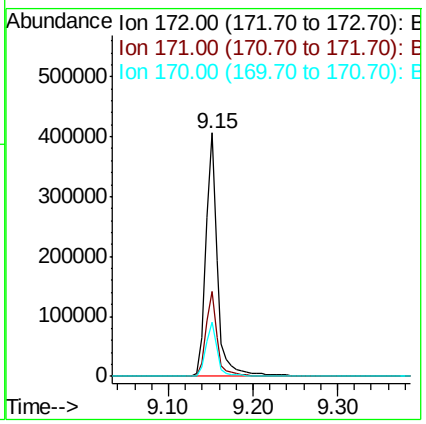


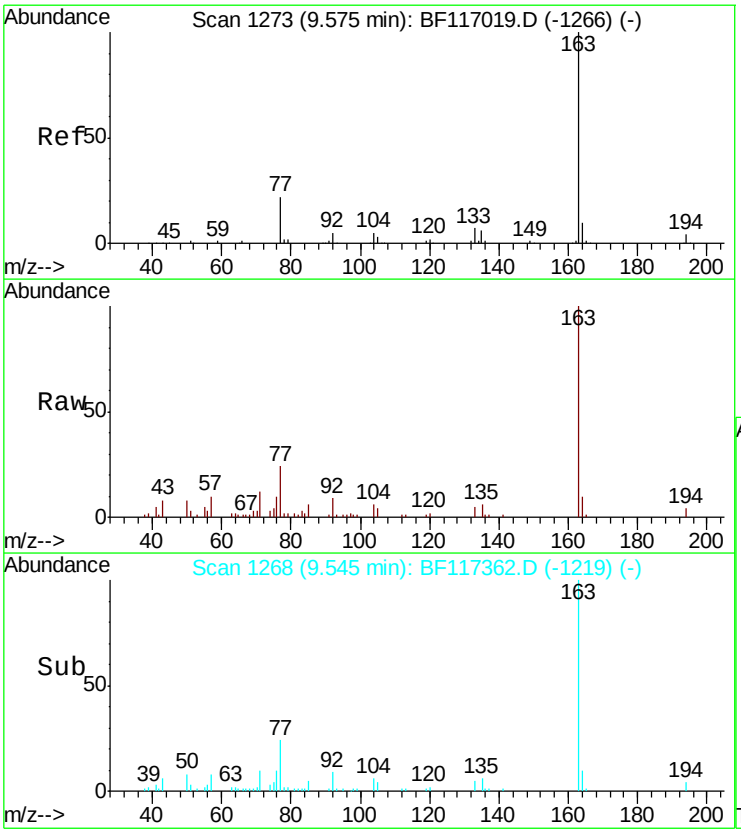
#45
2-Fluorobiphenyl
Concen: 65.044 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

Tgt Ion:172 Resp: 390159

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.3	18.9	28.3

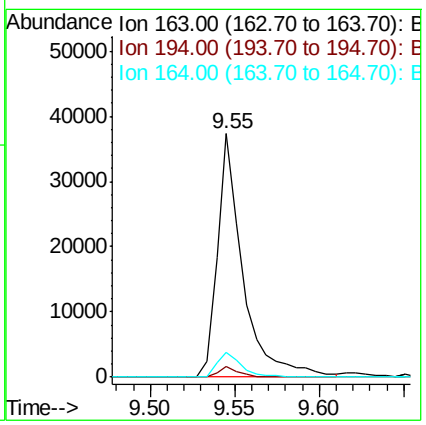


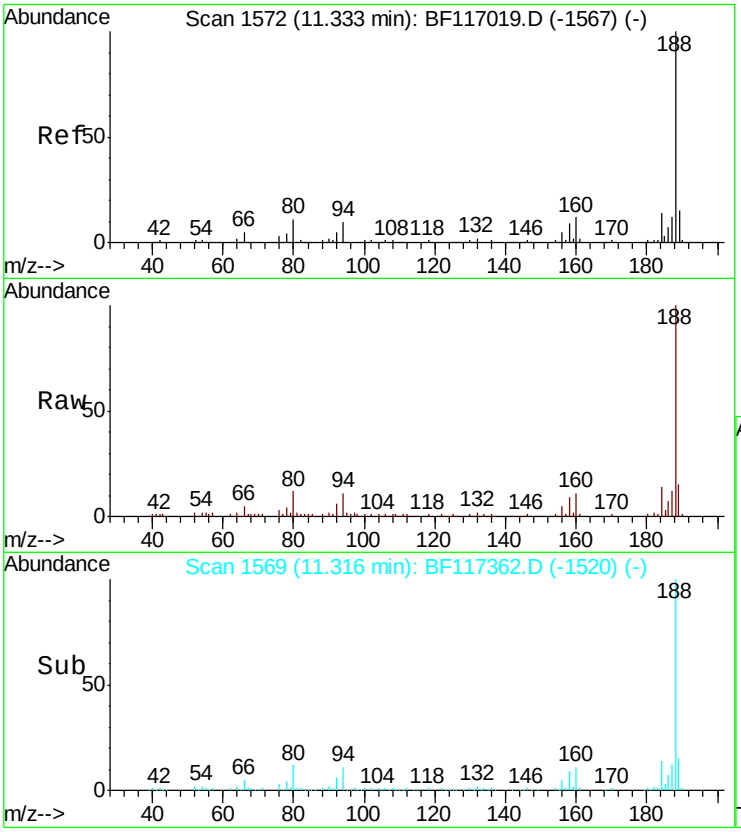


#50
Dimethylphthalate
Concen: 5.906 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Tgt Ion:163 Resp: 39221

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.9	4.3
164	9.9	8.2	12.4



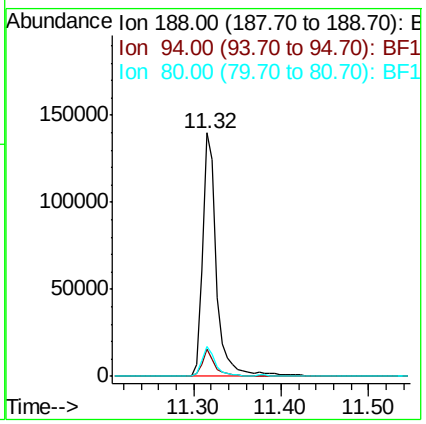


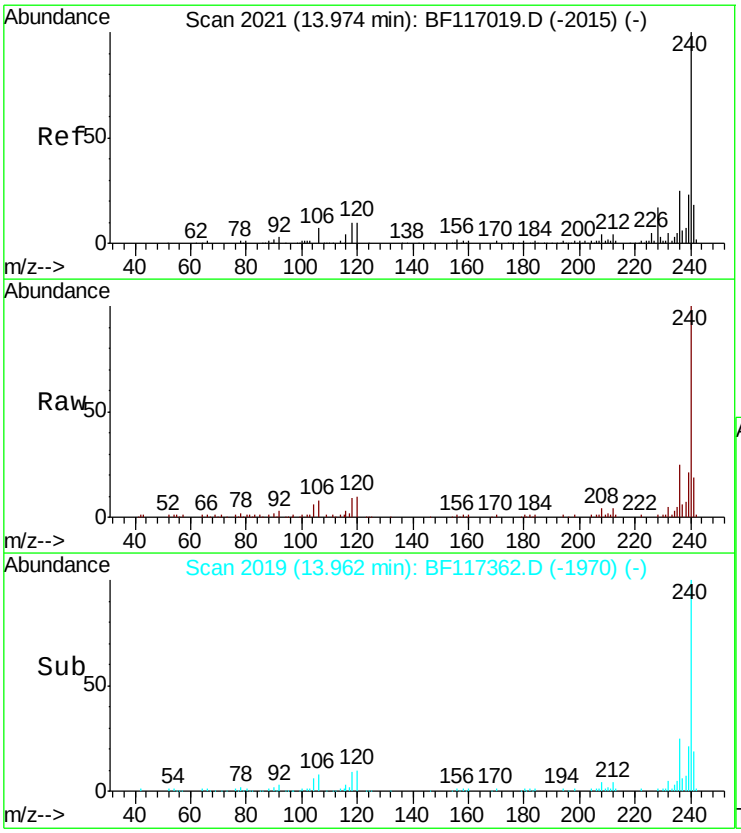
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

Tgt Ion:188 Resp: 154874

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.2
80	12.2	9.0	13.6

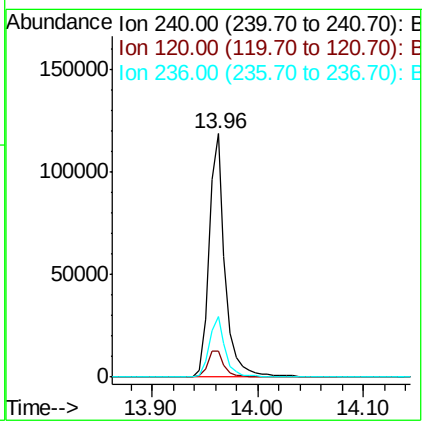


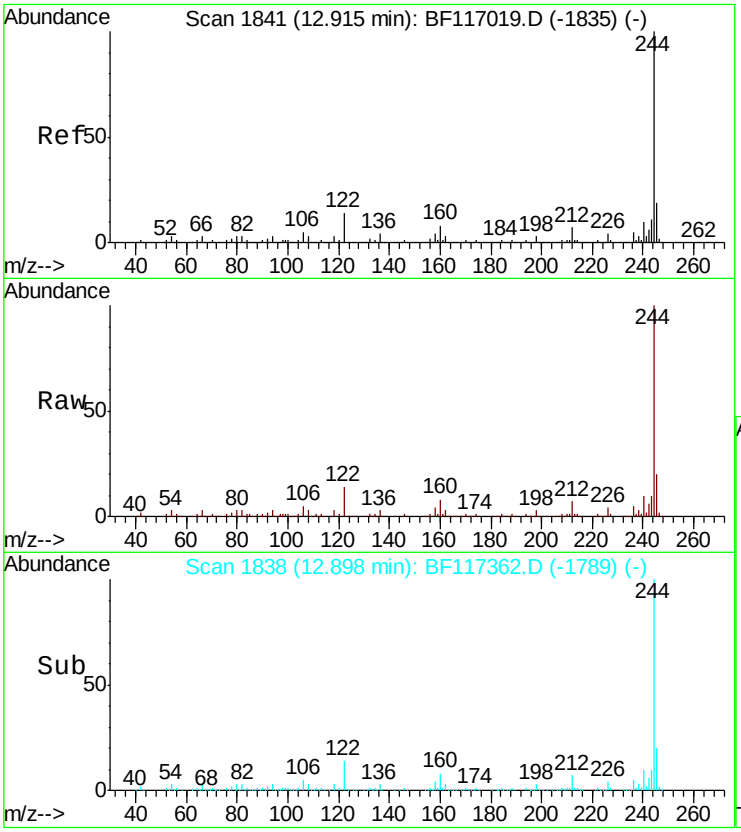


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Tgt Ion:240 Resp: 125406

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	24.9	20.3	30.5



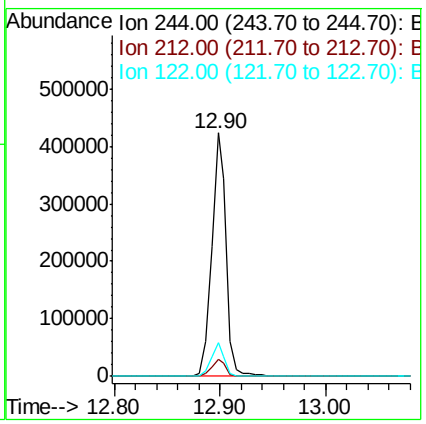


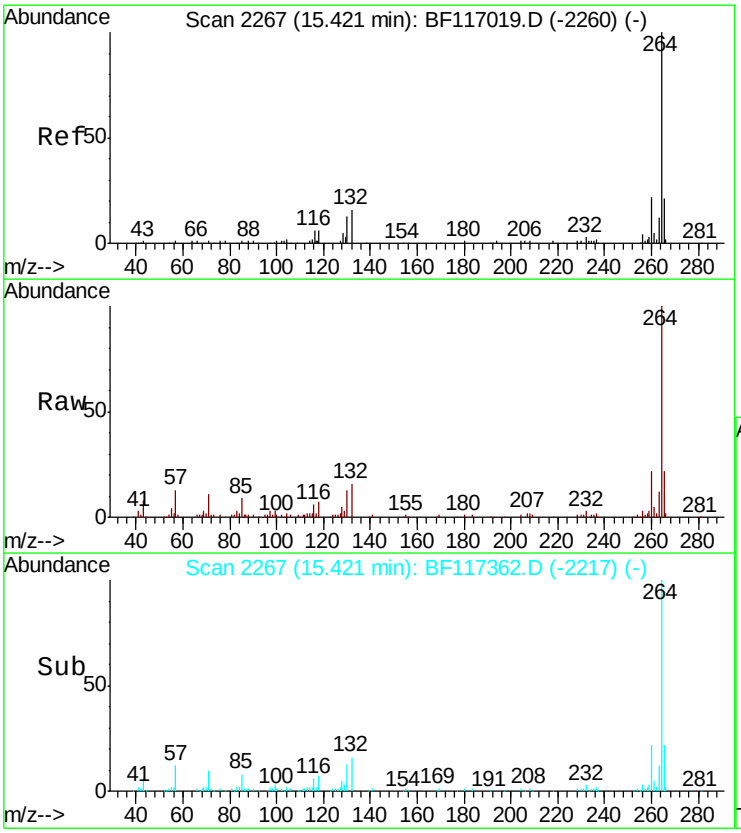
#79
Terphenyl-d14
Concen: 60.947 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

Tgt Ion:244 Resp: 408892

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.7	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: BF117362.D
Acq: 10 Oct 2019 16:15

Tgt Ion:264 Resp: 117016

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.6	26.4
265	22.1	16.6	24.8