Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117995.D
Acq On : 26 Nov 2019 5:01
Operator : JU
Sample : K5840-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHIPPS-BH-SE-01

Quant Time: Nov 26 07:13:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119869	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	426429	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	182188	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	286558	20.00	ng	0.00
76) Chrysene-d12	14.09	240	238443	20.00	ng	0.00
87) Perylene-d12	15.59	264	205264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	296560	43.79	ng	0.00
7) Phenol-d6	6.52	99	368862	45.16	ng	0.00
23) Nitrobenzene-d5	7.45	82	203215	28.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	67202	34.84	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	396273	39.02	ng	0.00
79) Terphenyl-d14	13.02	244	351553	26.95	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.53	94	19378	2.283	ng	97
50) Dimethylphthalate	9.65	163	37705	2.951	ng	97

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

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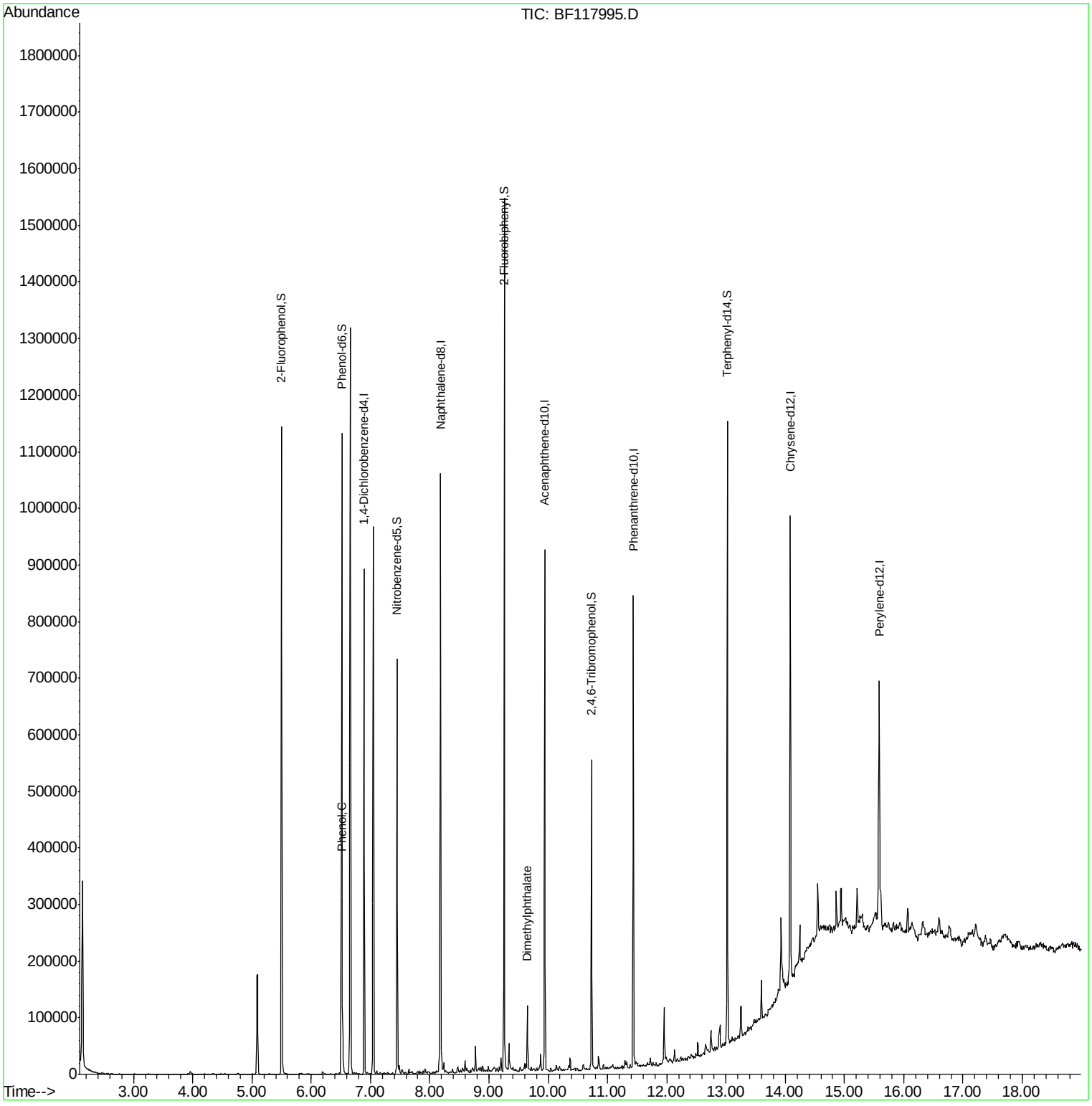
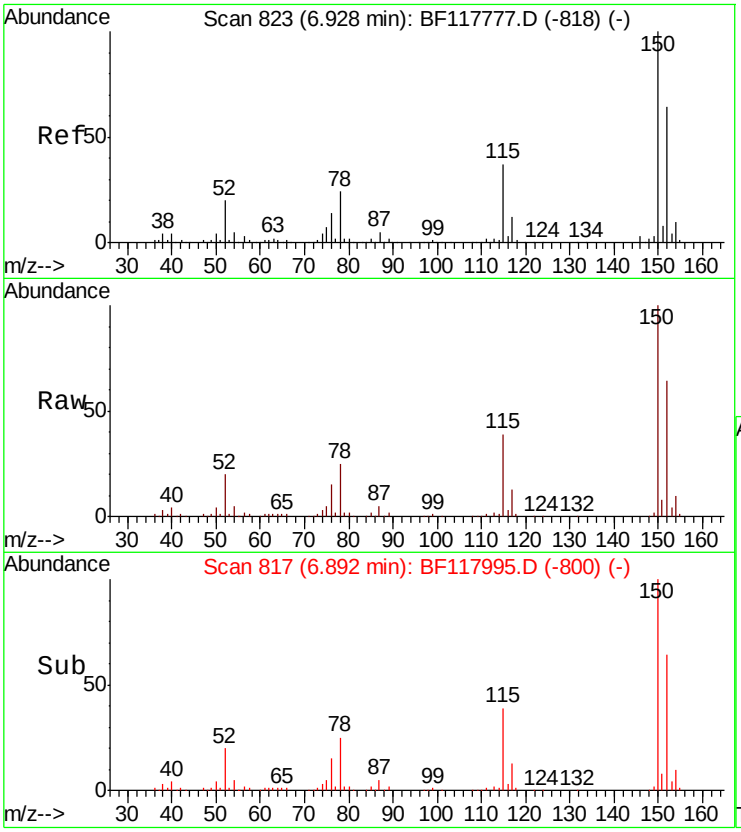


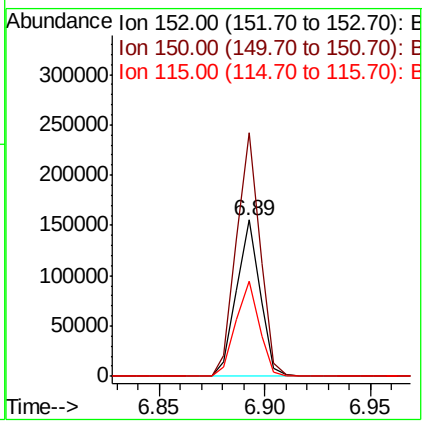


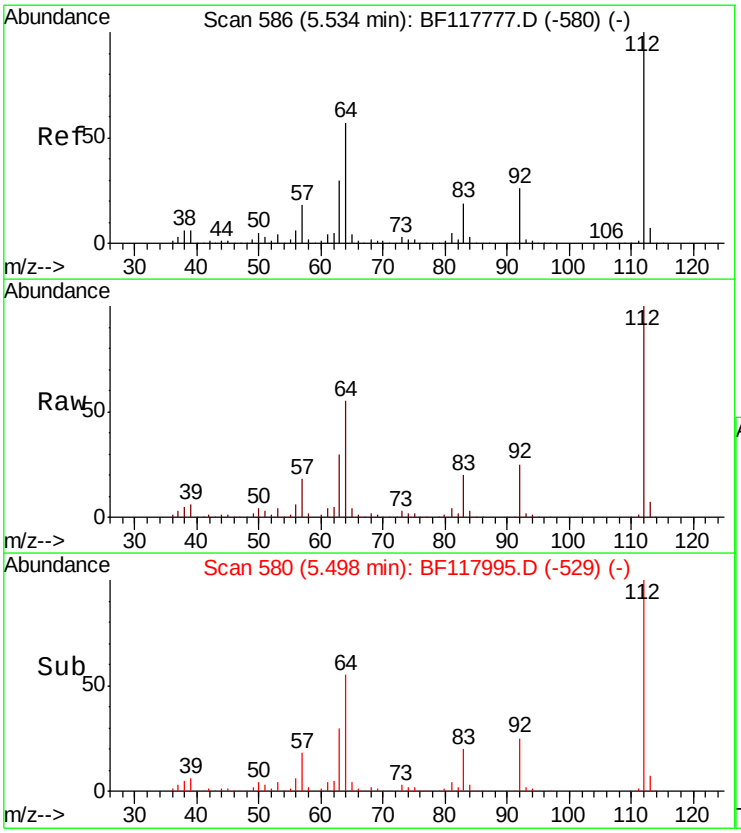
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SE-01

Tgt Ion:152 Resp: 119869

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.3	187.9
115	60.7	47.0	70.4

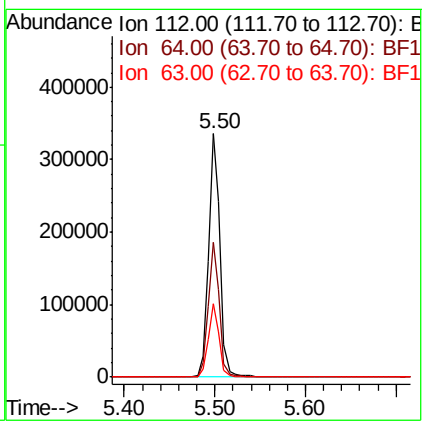


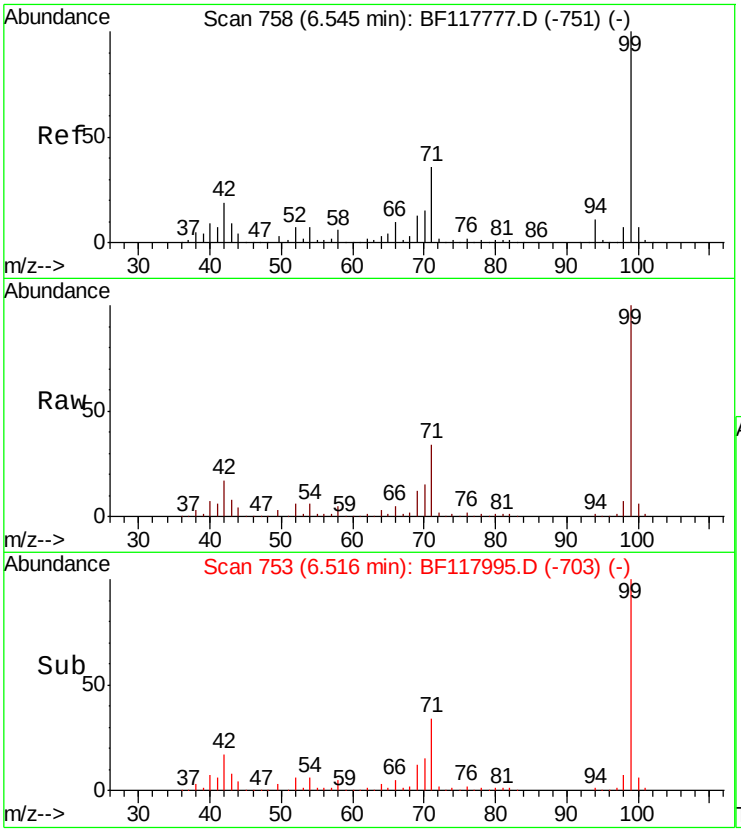


#5
2-Fluorophenol
Concen: 43.793 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Tgt Ion:112 Resp: 296560

Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.6	68.4
63	30.4	24.1	36.1



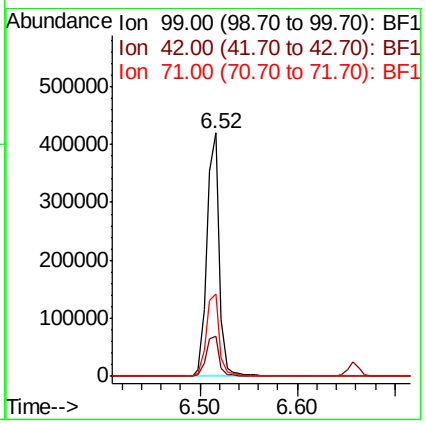


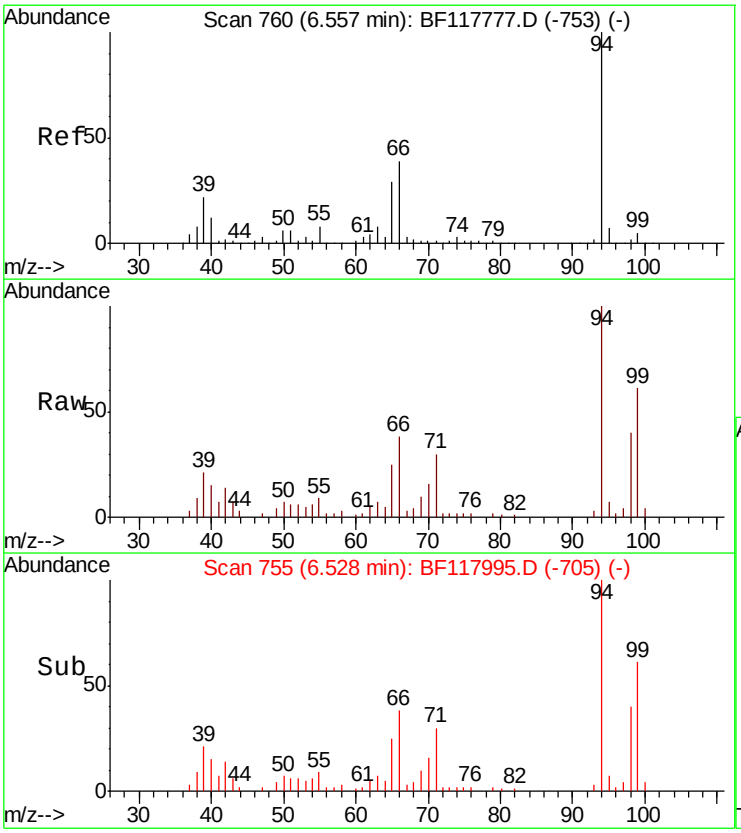
#7
Phenol-d6
Concen: 45.160 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SE-01

Tgt Ion: 99 Resp: 368862

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.9	22.3
71	34.0	28.6	43.0

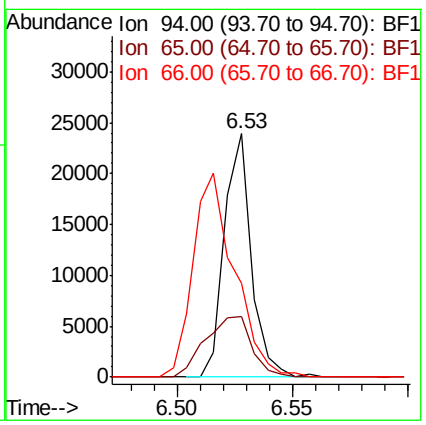


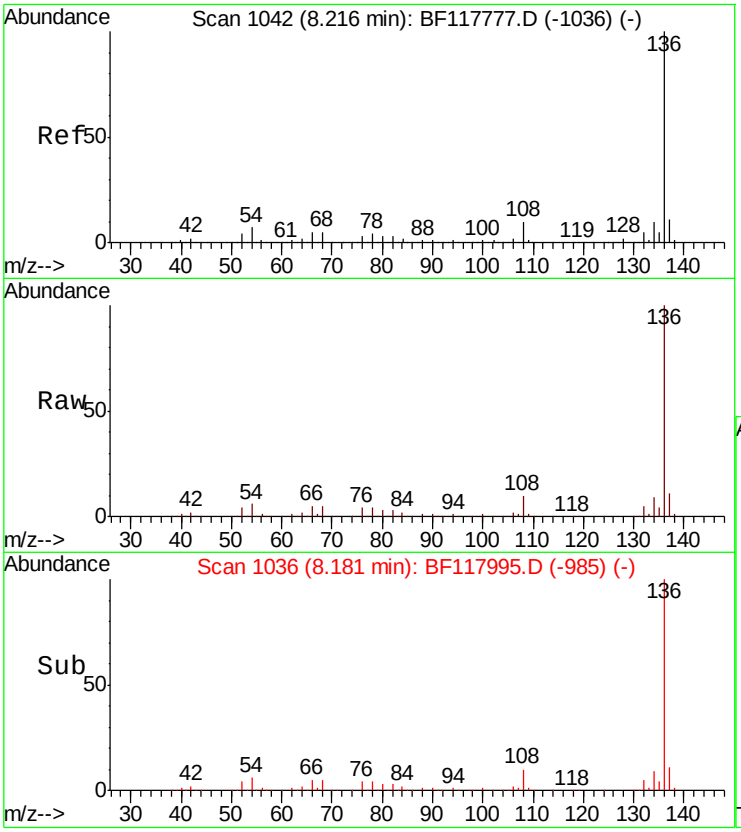


#10
Phenol
Concen: 2.283 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Tgt Ion: 94 Resp: 19378

Ion	Ratio	Lower	Upper
94	100		
65	24.9	8.9	48.9
66	38.4	18.7	58.7



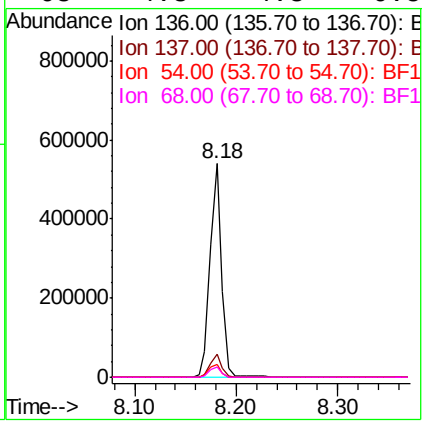


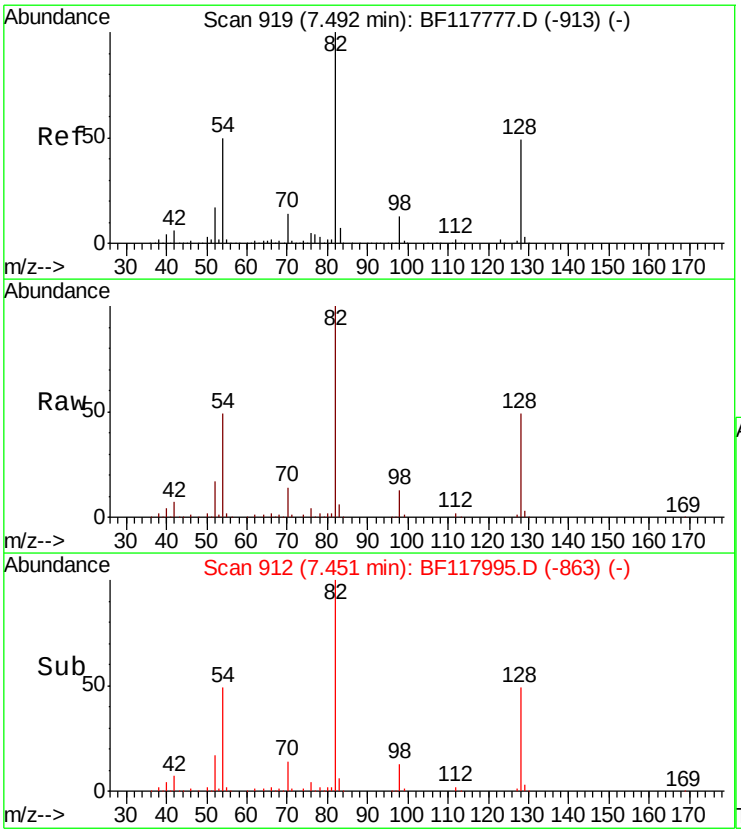
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SE-01

Tgt Ion:136 Resp: 426429

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.2	5.4	8.2
68	4.8	4.3	6.5

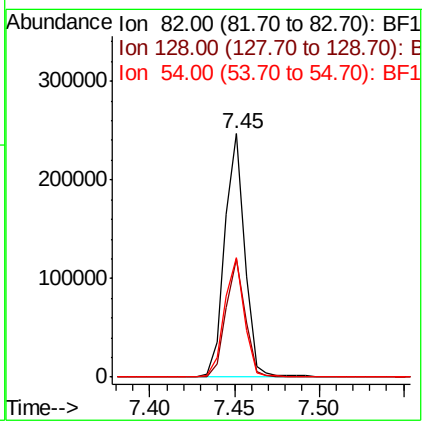


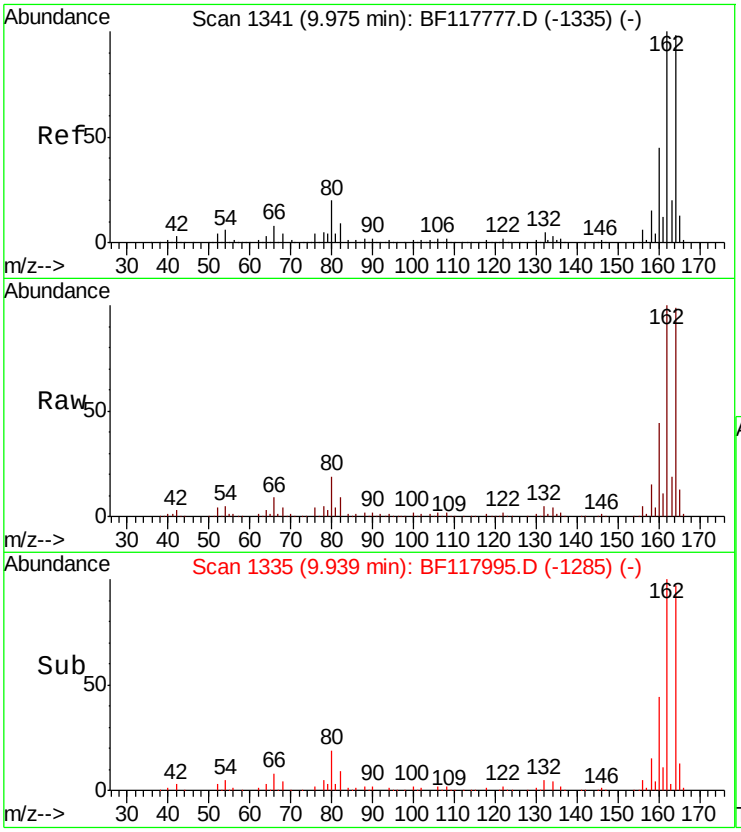


#23
Nitrobenzene-d5
Concen: 28.329 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Tgt Ion: 82 Resp: 203215

Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.9	58.3
54	49.1	39.8	59.6



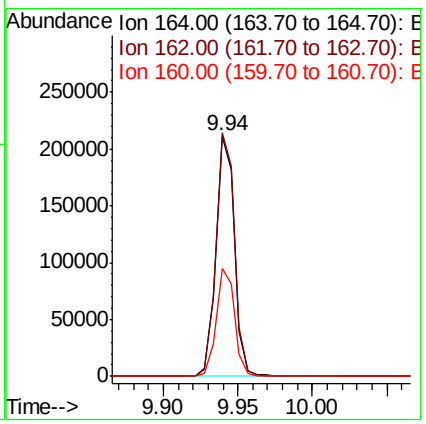


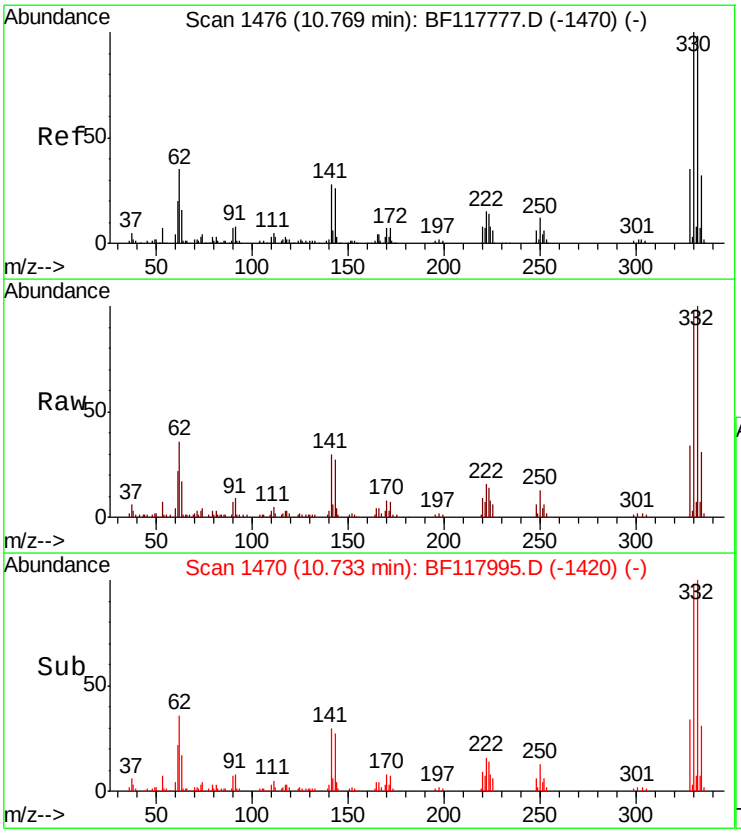
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SE-01

Tgt Ion:164 Resp: 182188

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	44.9	36.6	55.0

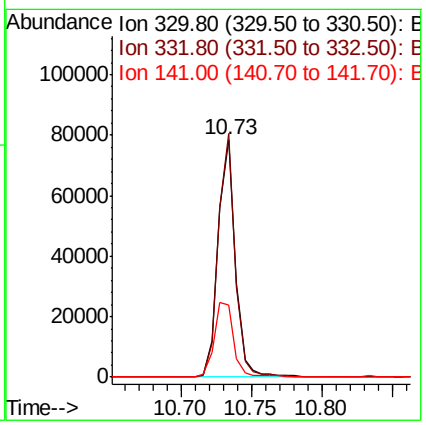


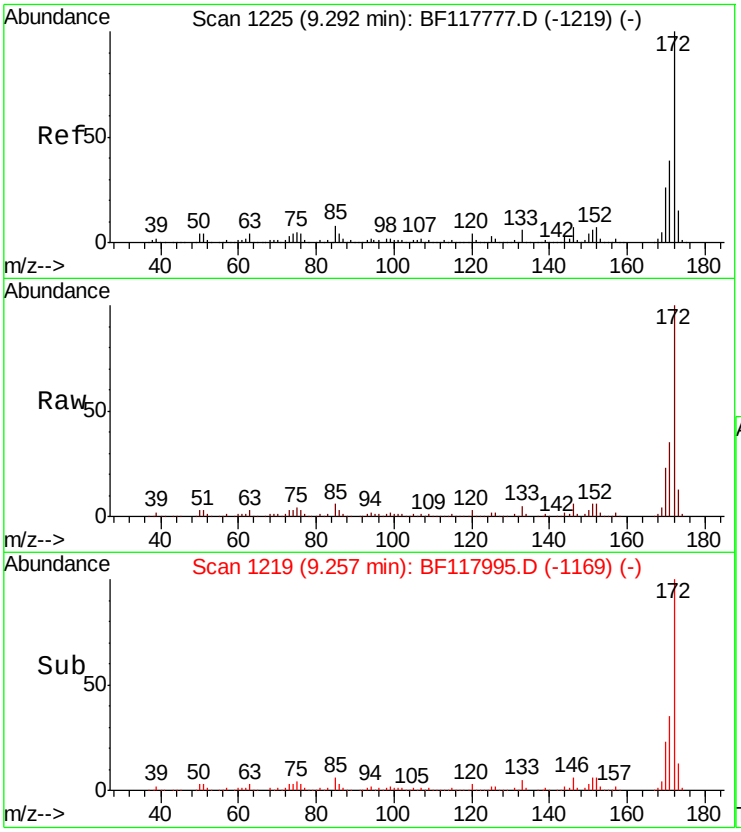


#42
2,4,6-Tribromophenol
Concen: 34.841 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Tgt Ion:330 Resp: 67202

Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.7	115.1
141	35.4	27.7	41.5



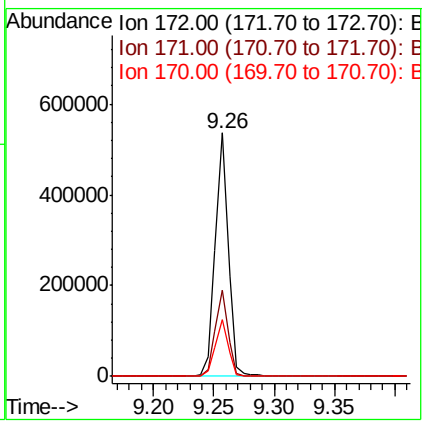


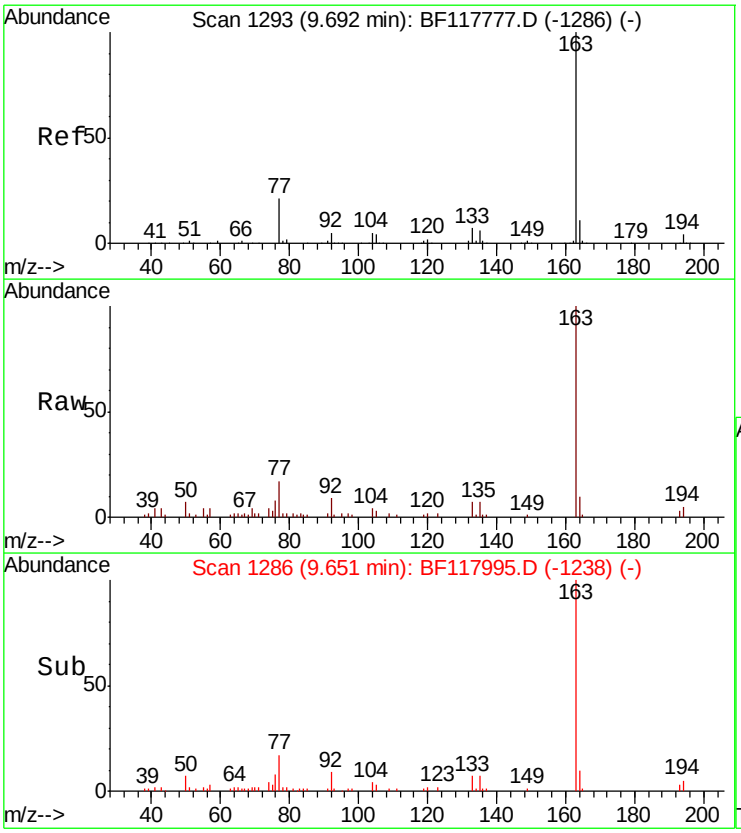
#45
2-Fluorobiphenyl
Concen: 39.022 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SE-01

Tgt Ion:172 Resp: 396273

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.9	46.3
170	23.5	21.0	31.4

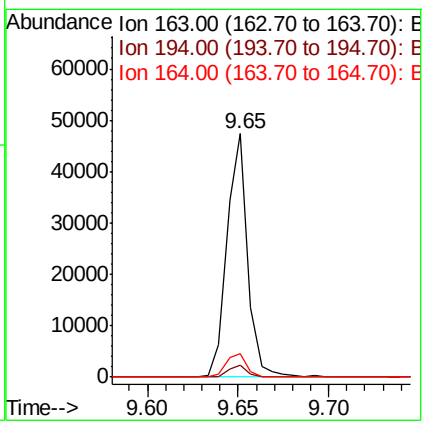


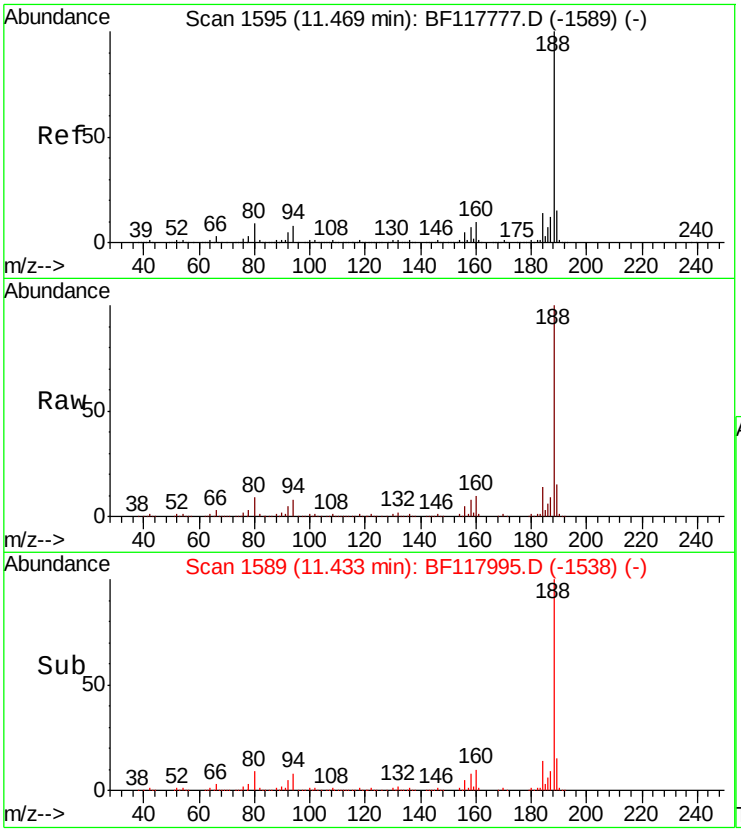


#50
Dimethylphthalate
Concen: 2.951 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Tgt Ion:163 Resp: 37705

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.3	4.9
164	9.7	8.7	13.1



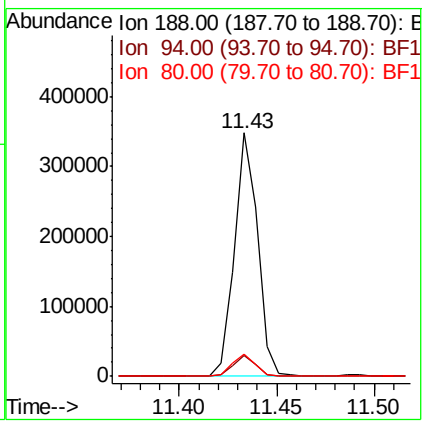


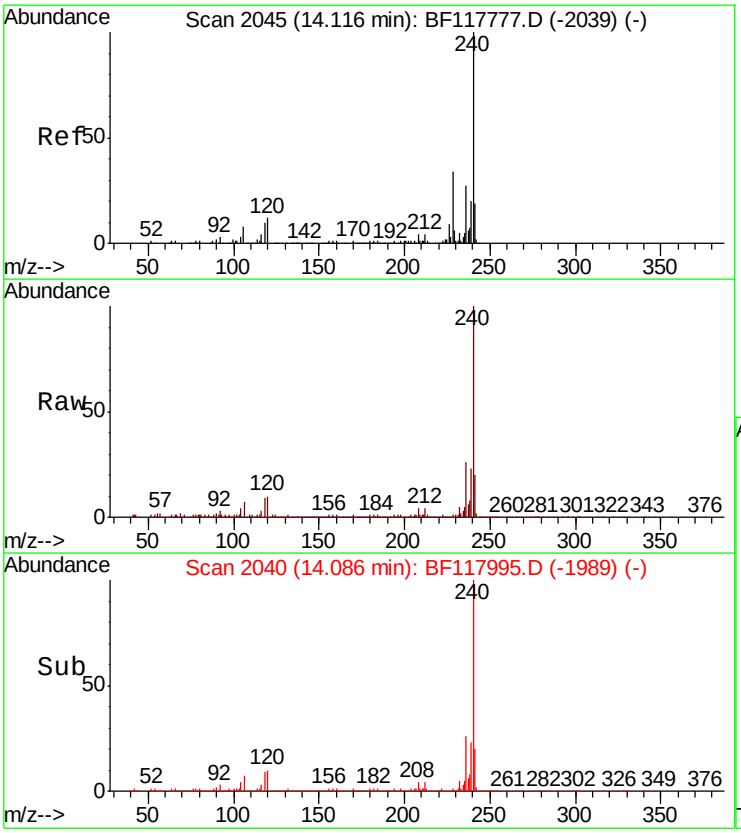
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SE-01

Tgt Ion:188 Resp: 286558

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	8.9	7.2	10.8

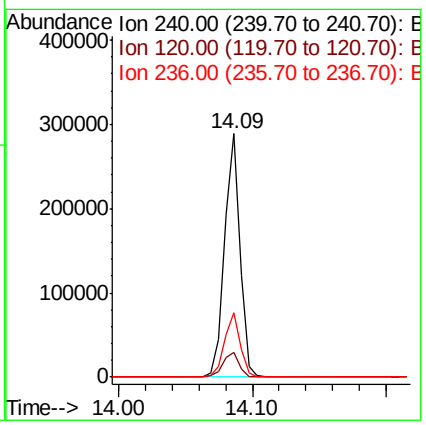


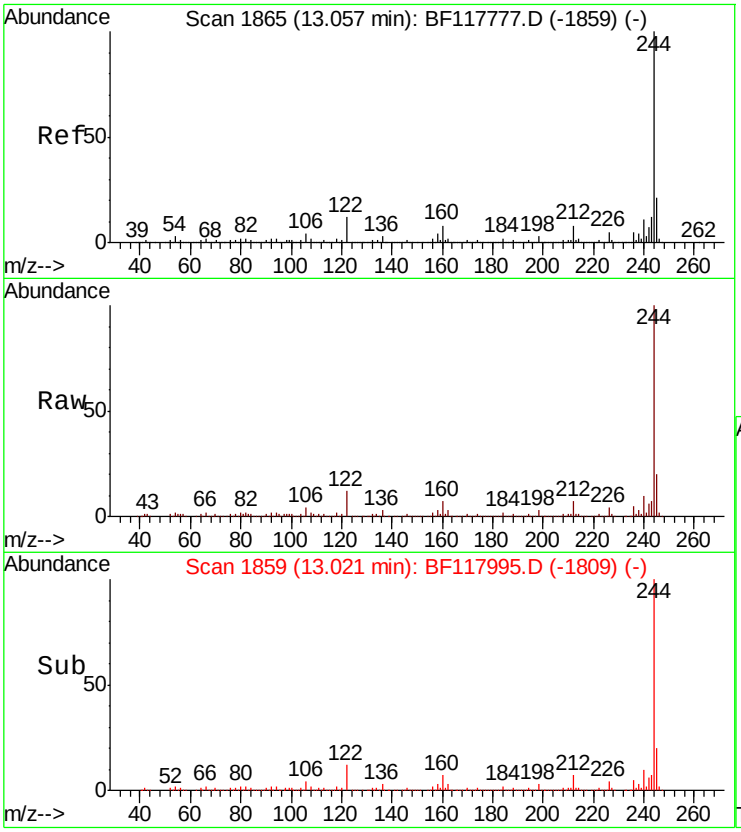


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Tgt Ion:240 Resp: 238443

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.3	21.3	31.9



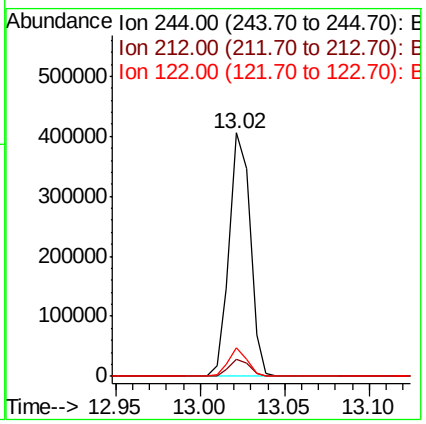


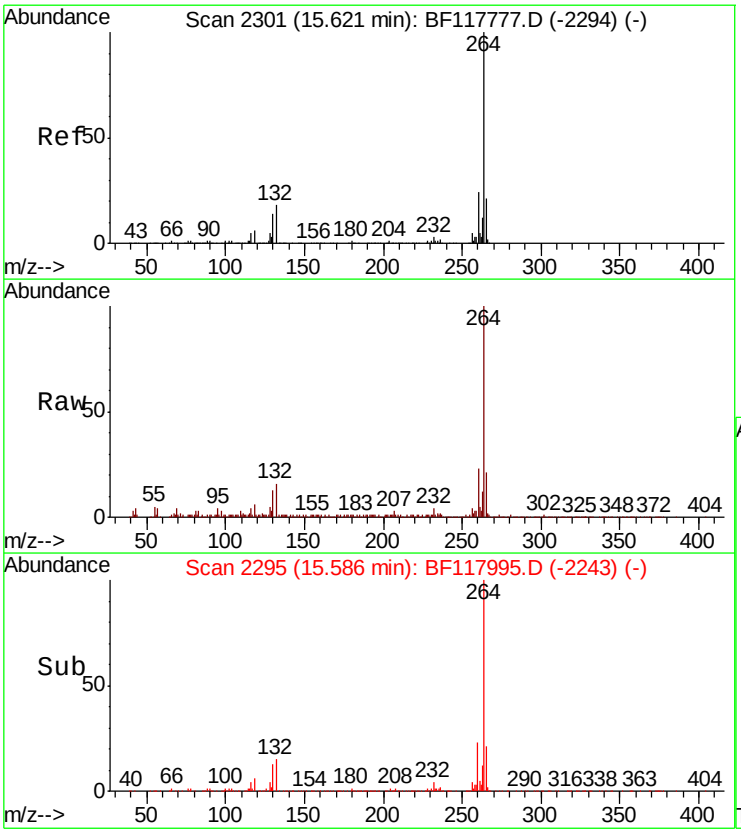
#79
Terphenyl-d14
Concen: 26.946 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SE-01

Tgt Ion:244 Resp: 351553

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	11.5	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF117995.D
Acq: 26 Nov 2019 5:01

Tgt Ion:264 Resp: 205264

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	21.3	17.1	25.7