Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118378.D
Acq On : 28 Dec 2019 21:18
Operator : JU
Sample : K6439-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF005-01

Quant Time: Dec 29 07:55:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124256	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	489065	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	265046	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	525327	20.00	ng	0.00
76) Chrysene-d12	14.05	240	424625	20.00	ng	0.00
87) Perylene-d12	15.54	264	421924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	791874	108.79	ng	0.00
7) Phenol-d6	6.49	99	995813	110.28	ng	0.00
23) Nitrobenzene-d5	7.42	82	593492	69.41	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	363461	111.04	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1276380	73.51	ng	0.00
79) Terphenyl-d14	12.99	244	1726117	67.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	21480	2.116	ng	91
50) Dimethylphthalate	9.62	163	104810	5.268	ng	99

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

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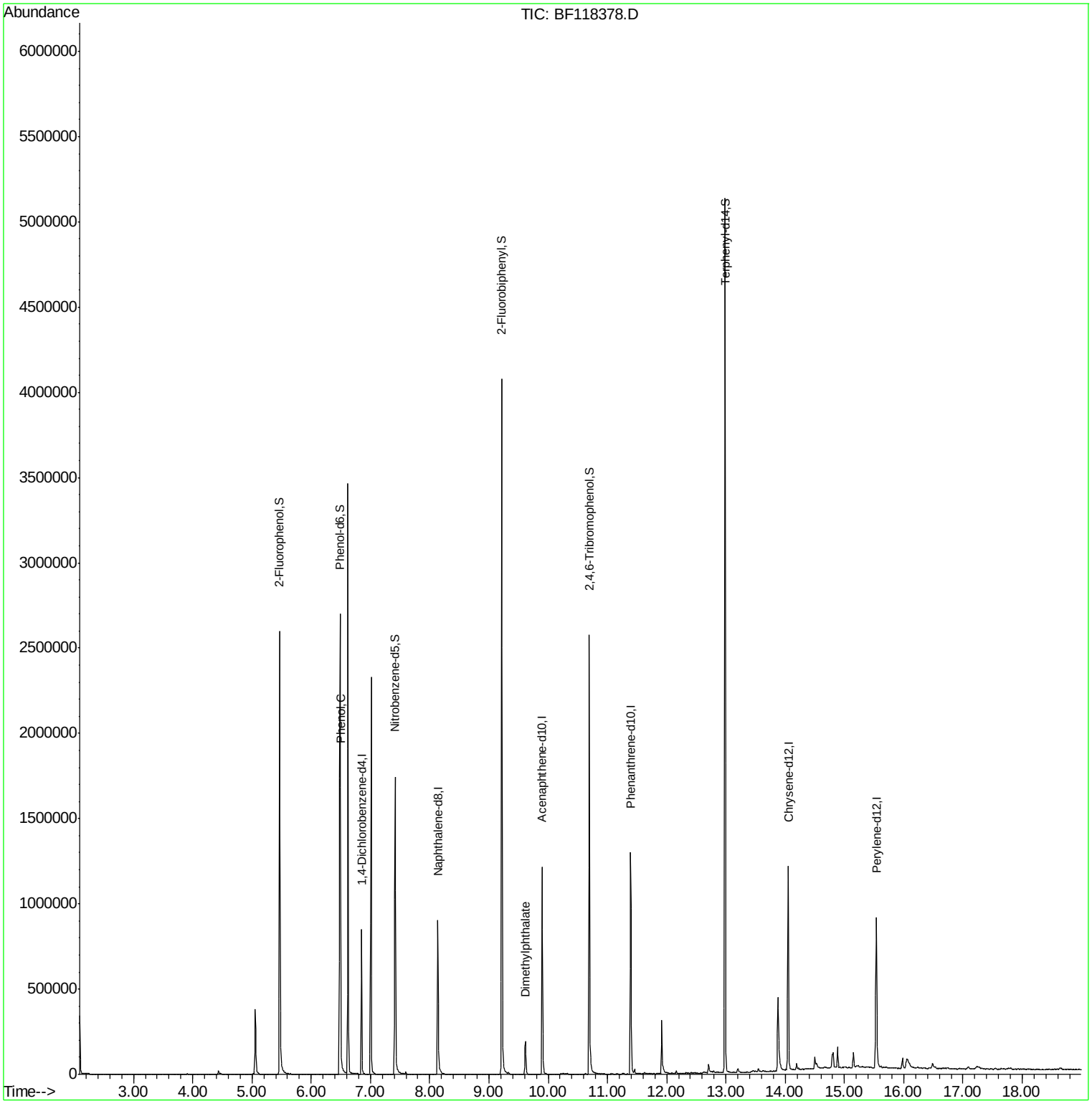
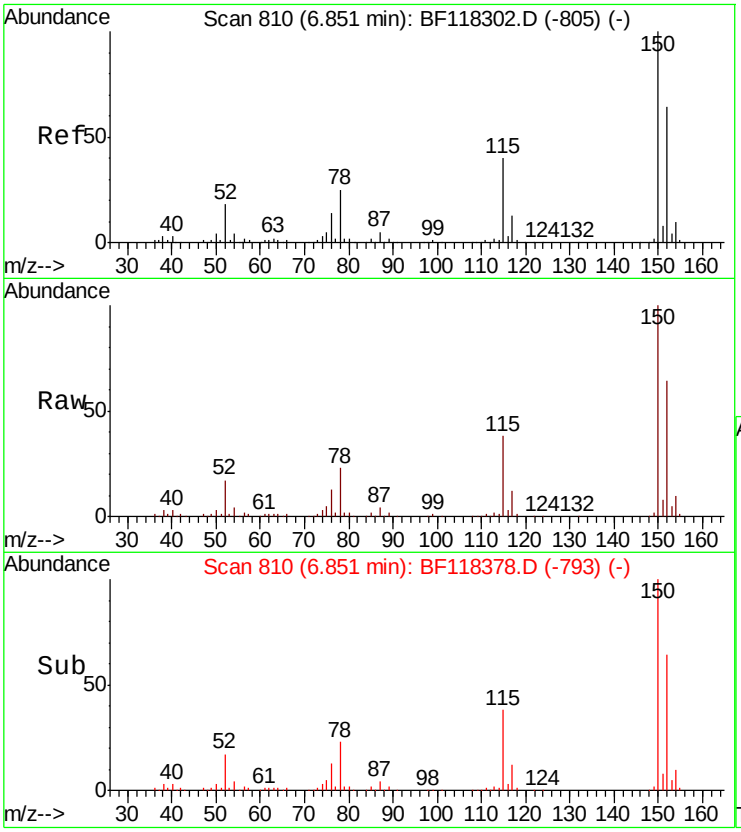


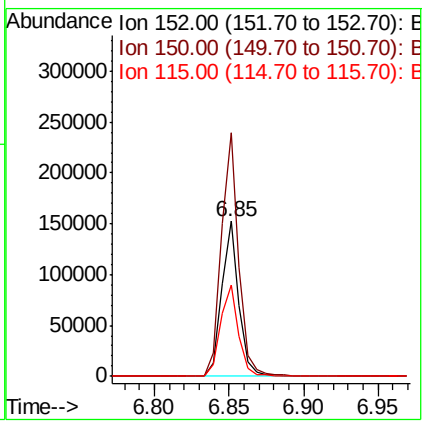


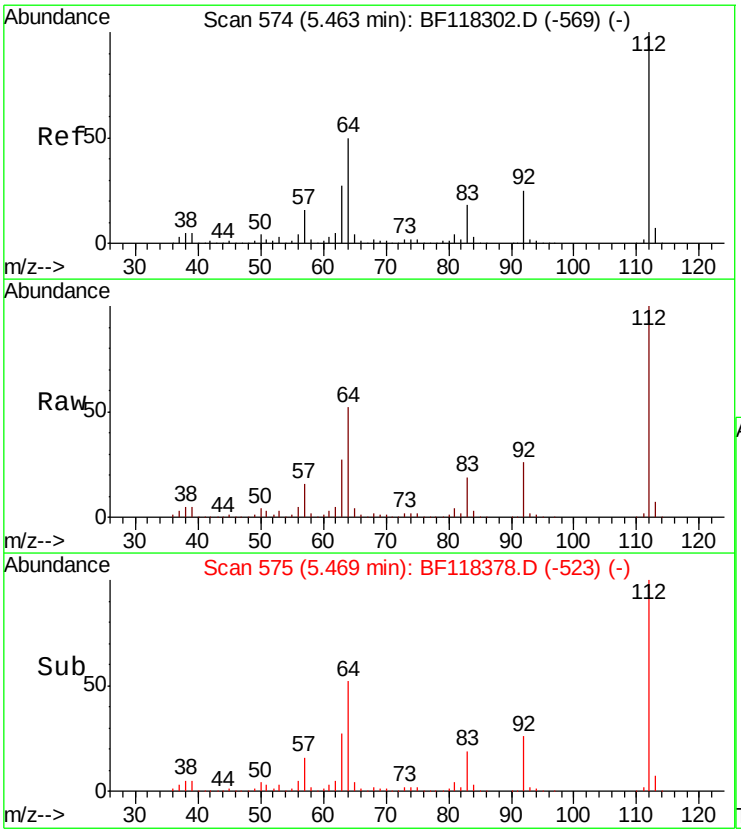
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Instrument :
BNA_F
ClientSampleId :
LIED-BF005-01

Tgt Ion:152 Resp: 124256

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.4	188.2
115	59.2	50.2	75.4

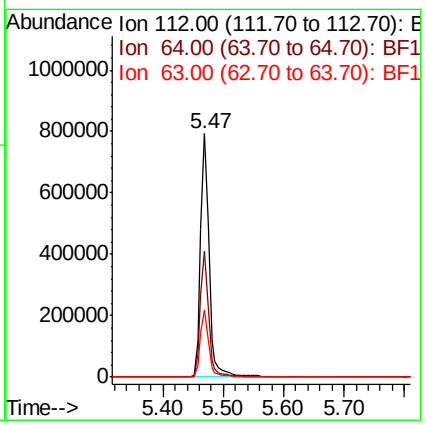


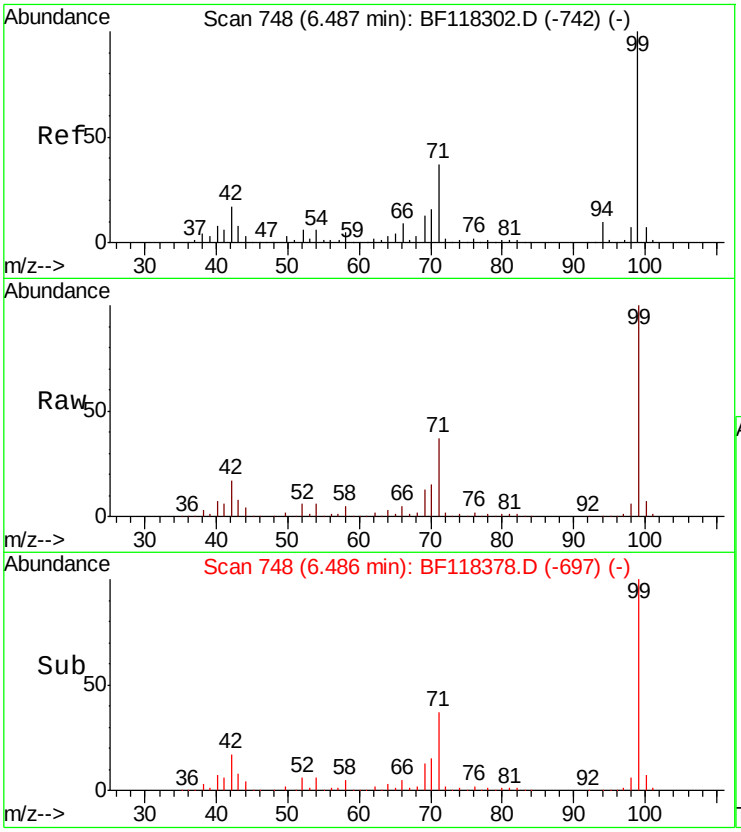


#5
2-Fluorophenol
Concen: 108.785 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Tgt Ion:112 Resp: 791874

Ion	Ratio	Lower	Upper
112	100		
64	51.7	39.7	59.5
63	27.5	21.7	32.5



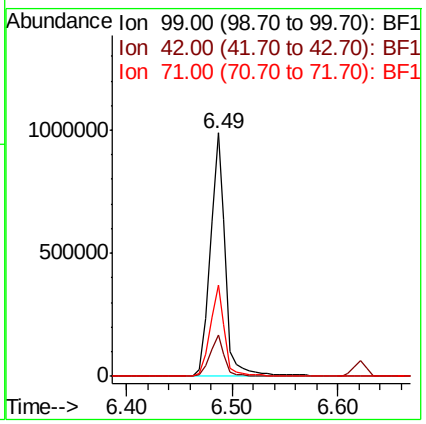


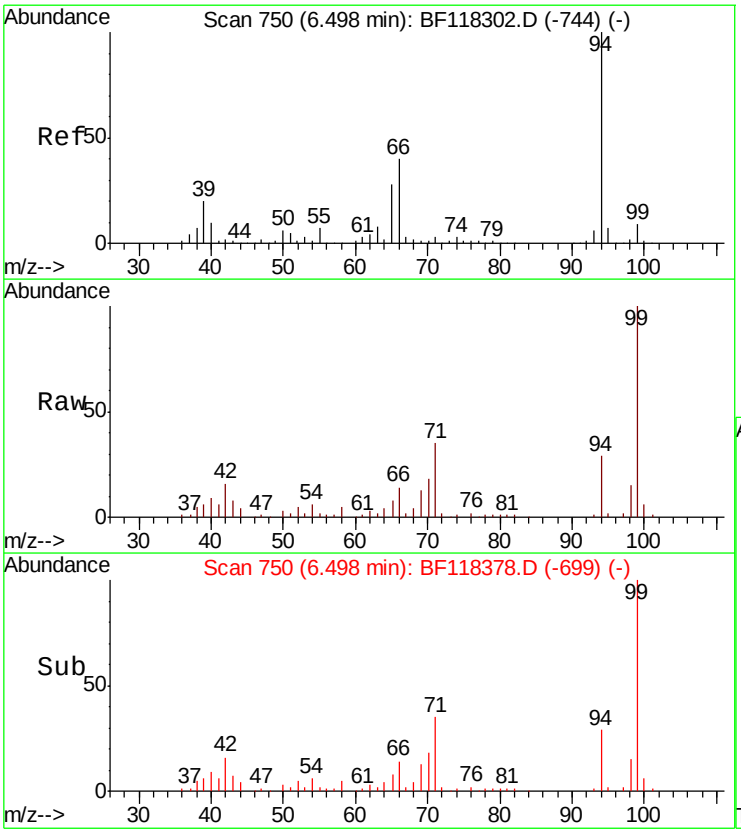
#7
Phenol-d6
Concen: 110.277 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Instrument :
BNA_F
ClientSampleId :
LIED-BF005-01

Tgt Ion: 99 Resp: 995813

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	37.3	29.4	44.2

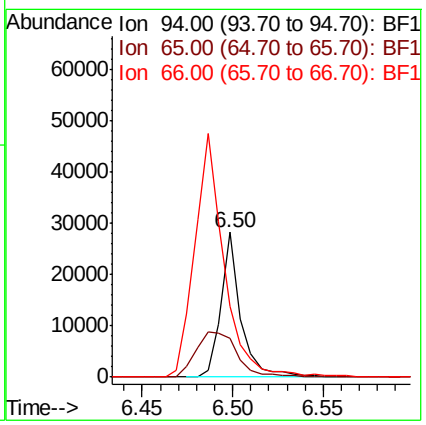


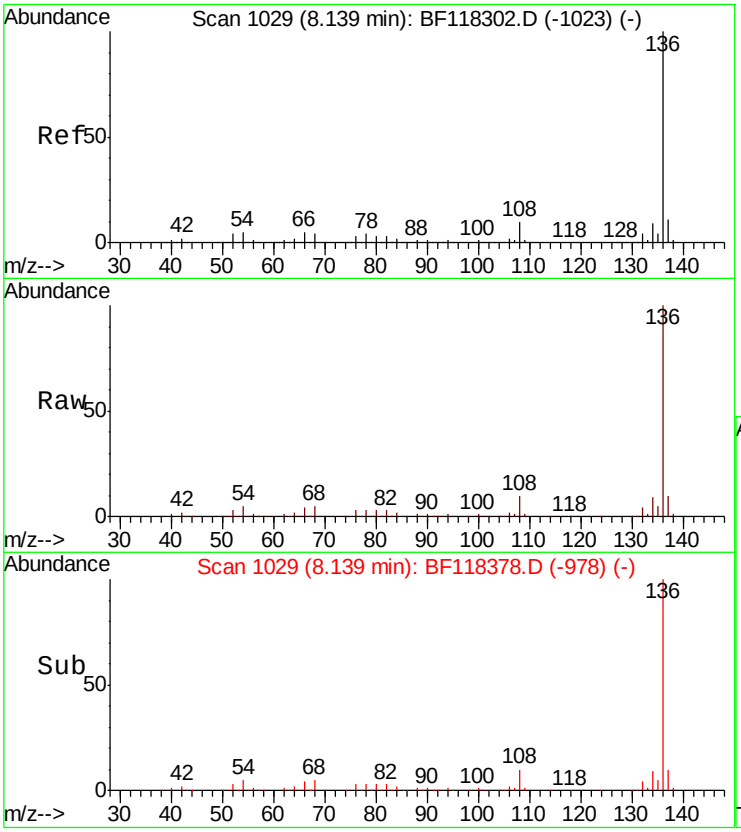


#10
Phenol
Concen: 2.116 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Tgt Ion: 94 Resp: 21480

Ion	Ratio	Lower	Upper
94	100		
65	26.7	7.8	47.8
66	49.1	20.4	60.4



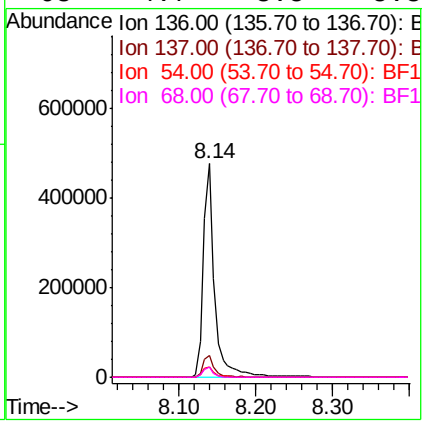


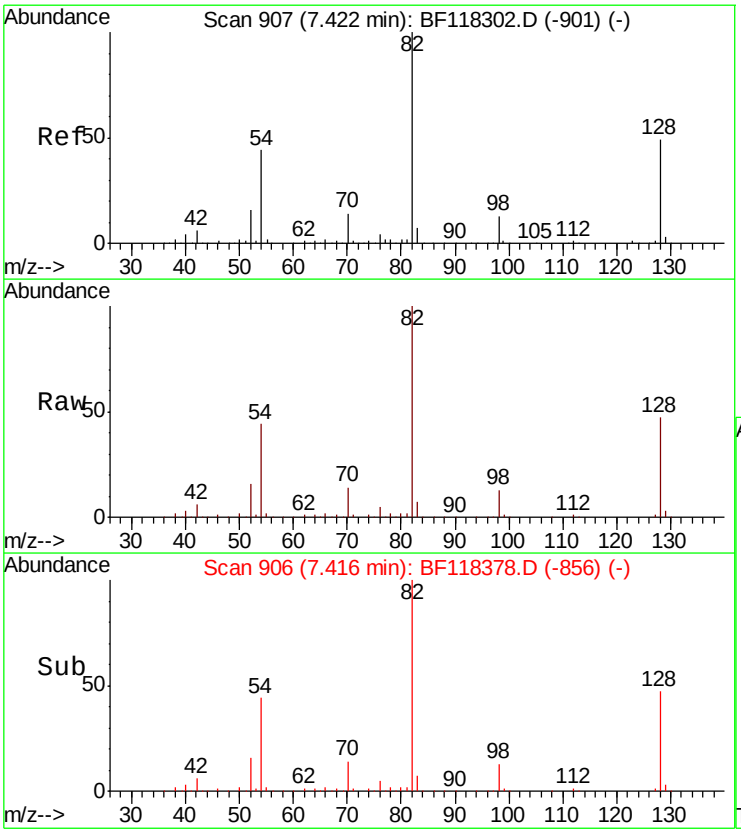
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Instrument :
BNA_F
ClientSampleId :
LIED-BF005-01

Tgt Ion:136 Resp: 489065

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	5.0	4.2	6.4
68	4.7	3.5	5.3

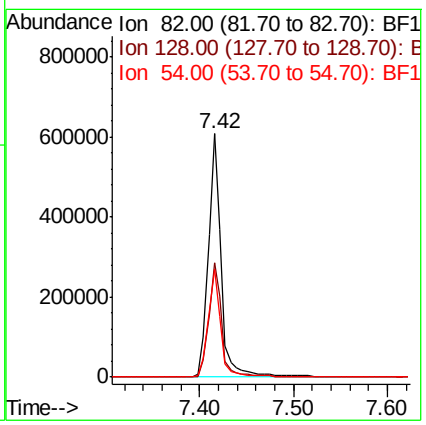


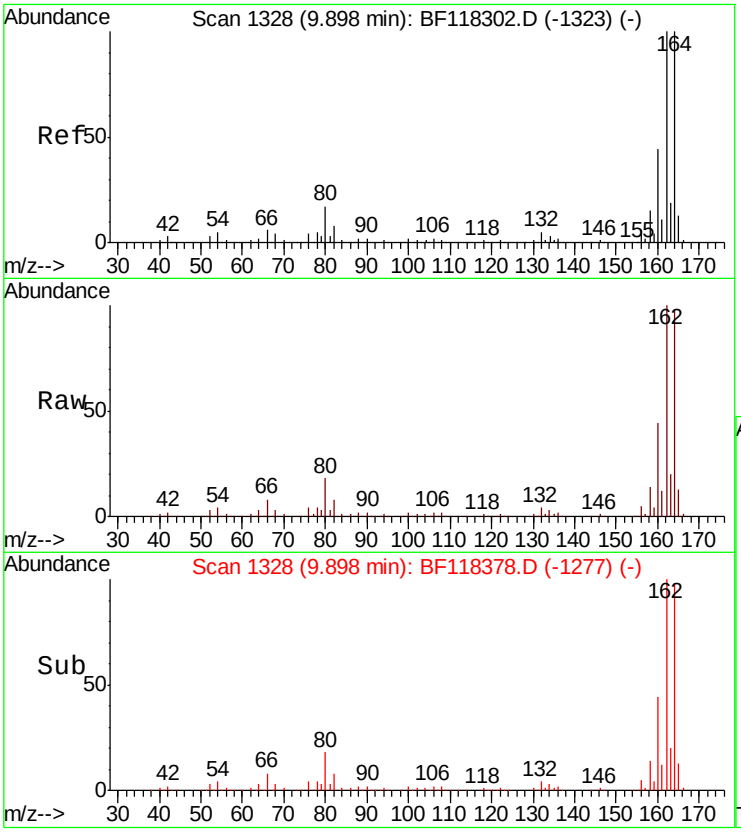


#23
Nitrobenzene-d5
Concen: 69.407 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Tgt Ion: 82 Resp: 593492

Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.6	59.4
54	44.2	34.9	52.3



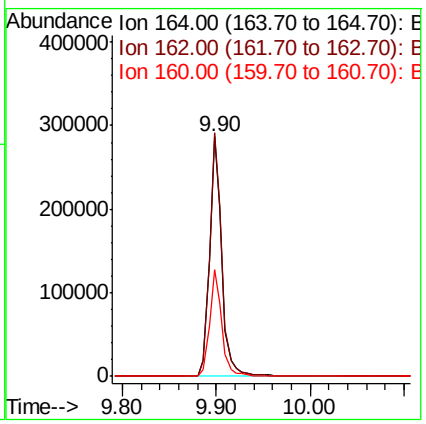


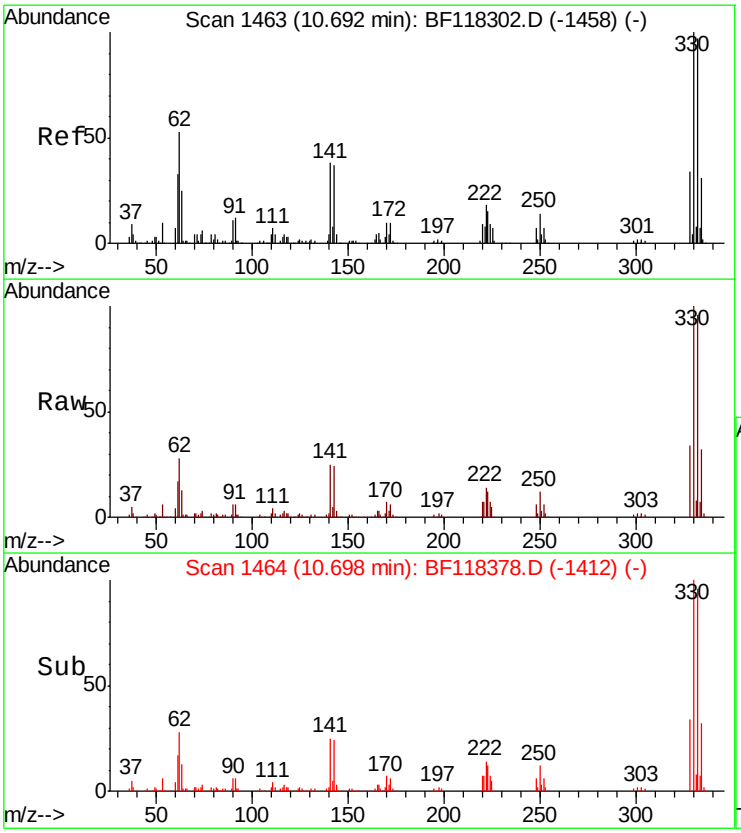
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Instrument :
BNA_F
ClientSampleId :
LIED-BF005-01

Tgt Ion:164 Resp: 265046

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.0	120.0
160	44.6	34.8	52.2

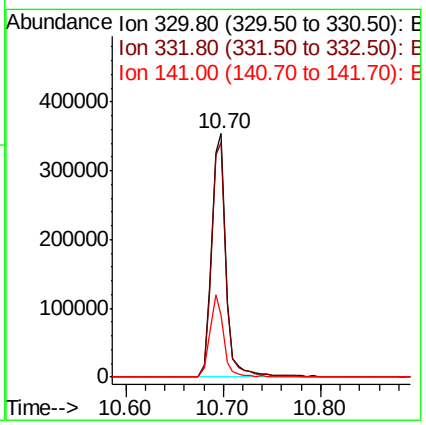


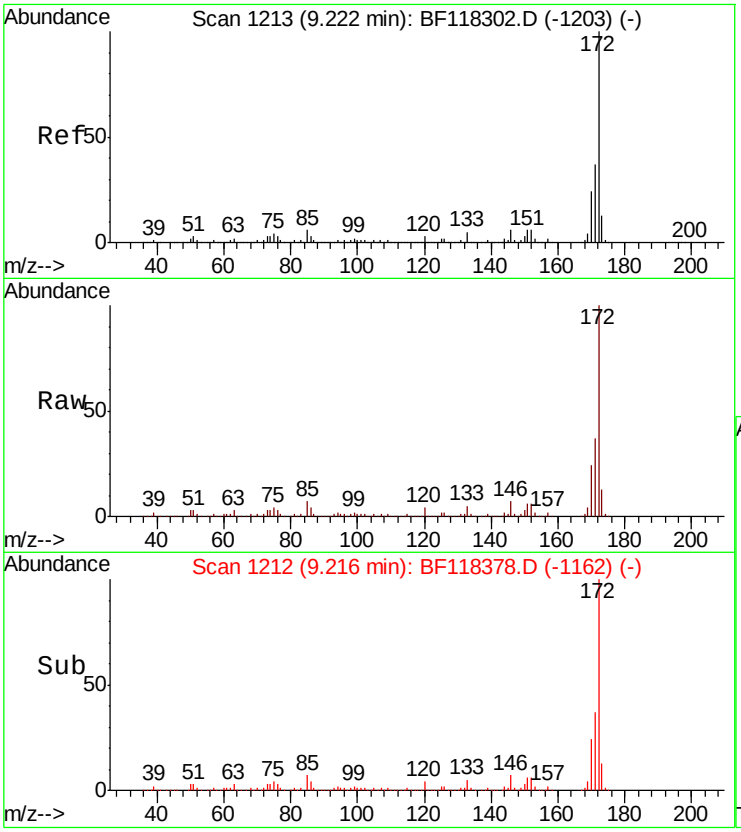


#42
2,4,6-Tribromophenol
Concen: 111.044 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Tgt Ion:330 Resp: 363461

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	32.6	26.0	39.0



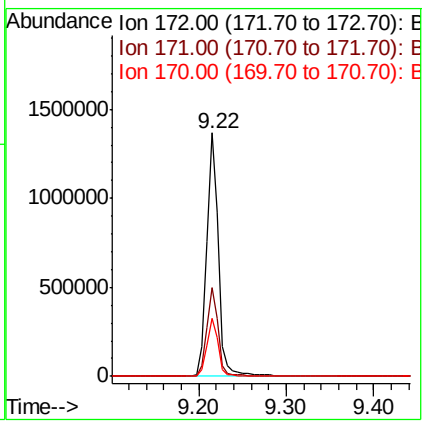


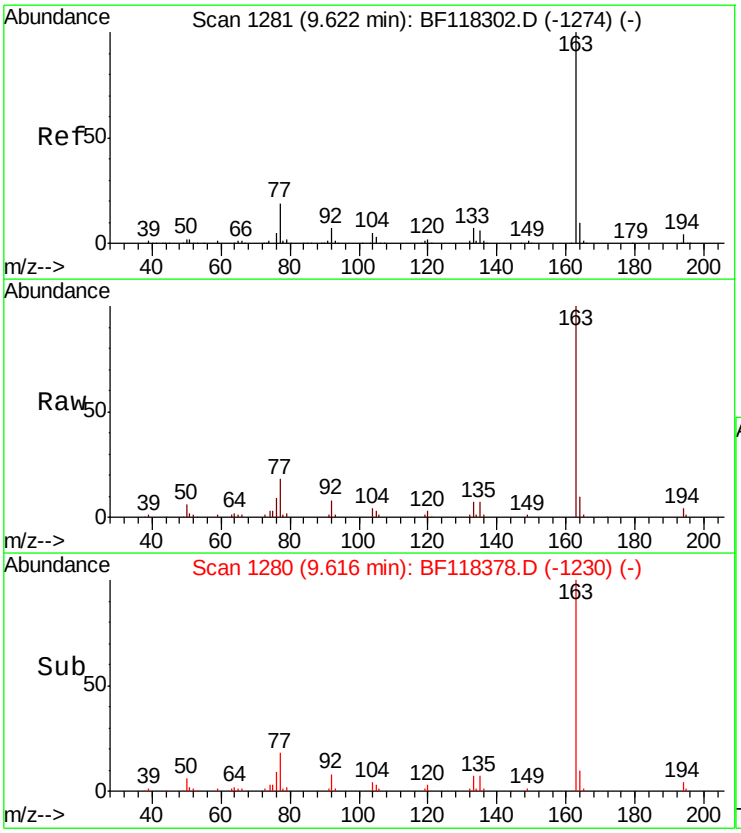
#45
2-Fluorobiphenyl
Concen: 73.510 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Instrument :
BNA_F
ClientSampleId :
LIED-BF005-01

Tgt Ion:172 Resp: 1276380

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	23.8	19.2	28.8

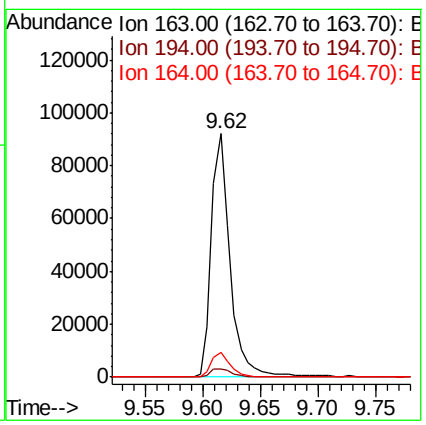


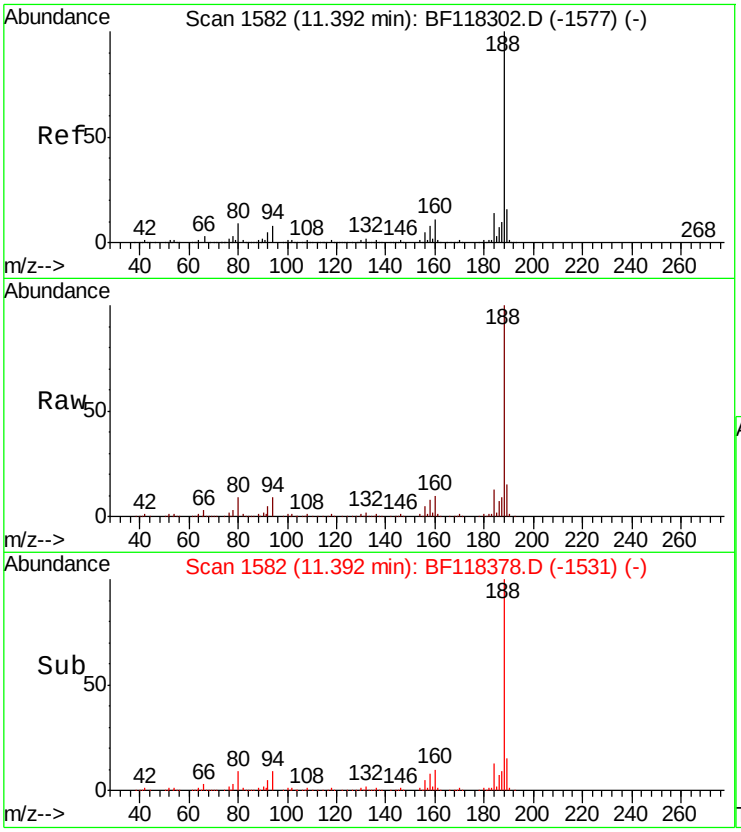


#50
Dimethylphthalate
Concen: 5.268 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Tgt Ion:163 Resp: 104810

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	10.4	7.9	11.9



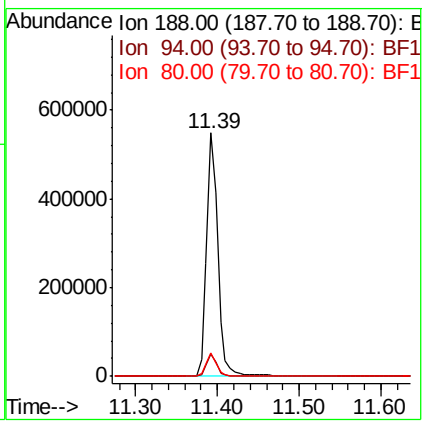


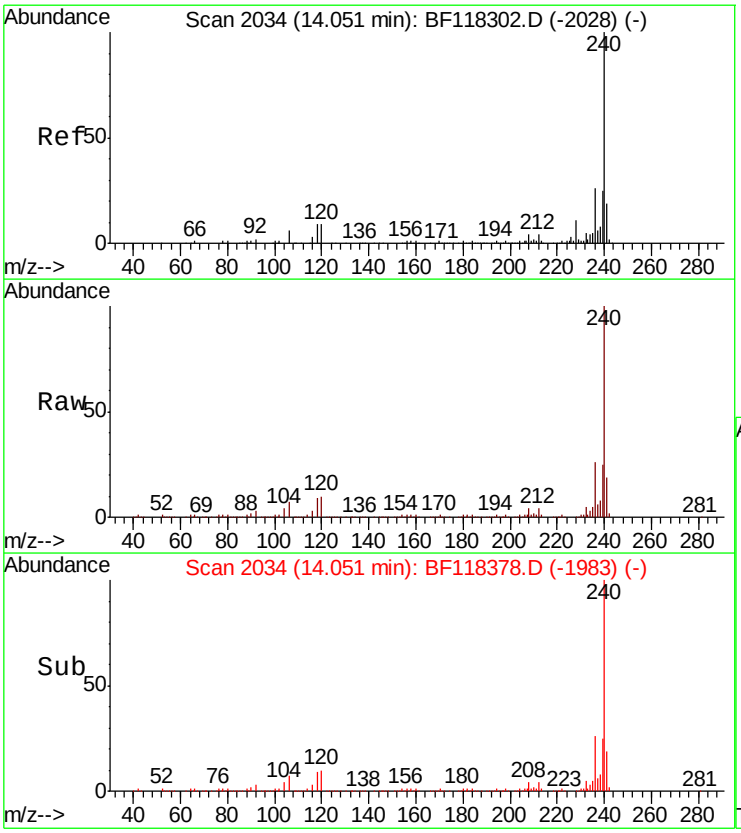
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Instrument :
BNA_F
ClientSampleId :
LIED-BF005-01

Tgt Ion:188 Resp: 525327

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.7	10.1
80	9.4	7.2	10.8

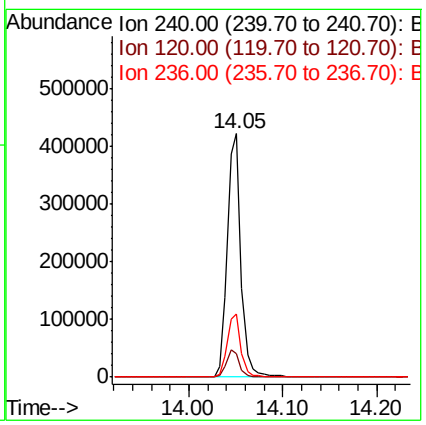


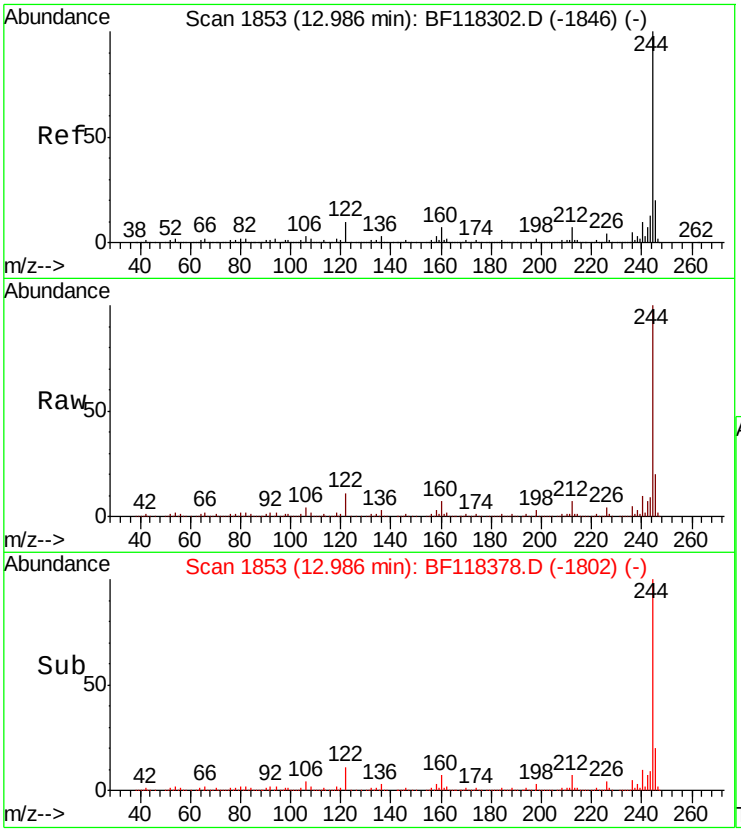


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Tgt Ion:240 Resp: 424625

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.1	10.7
236	26.1	21.0	31.6



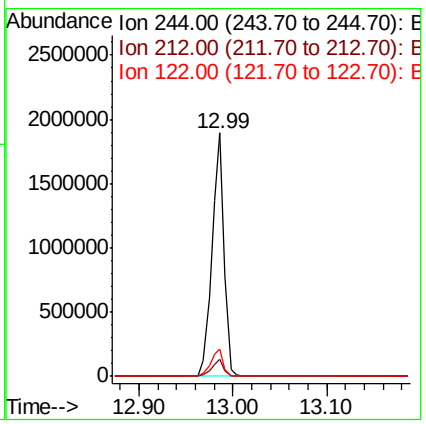


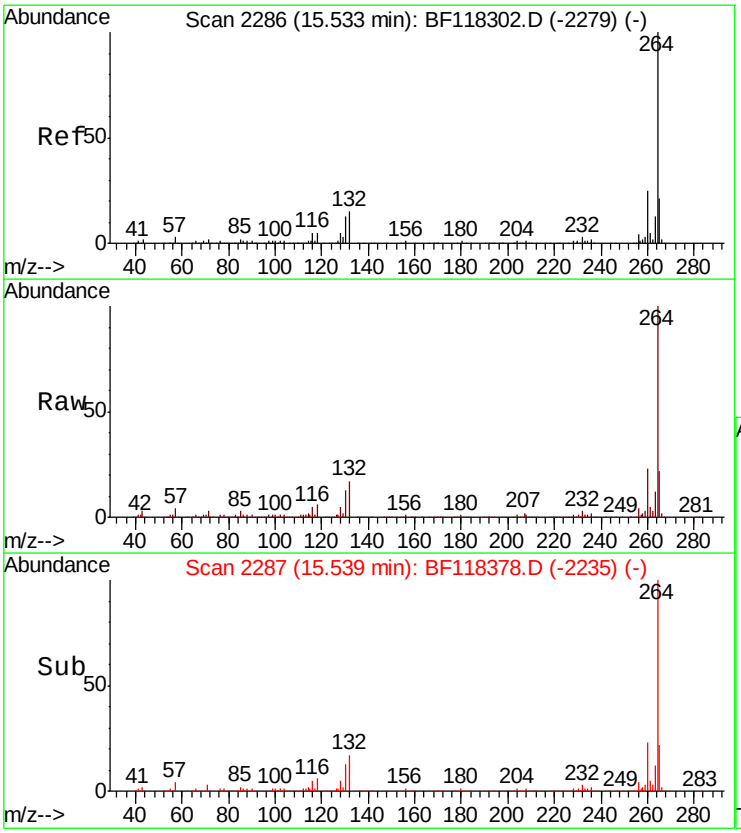
#79
Terphenyl-d14
Concen: 67.440 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Instrument :
BNA_F
ClientSampleId :
LIED-BF005-01

Tgt Ion:244 Resp: 1726117

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.4	7.8	11.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118378.D
Acq: 28 Dec 2019 21:18

Tgt Ion:264 Resp: 421924

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	21.5	17.0	25.4