Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118371.D
Acq On : 28 Dec 2019 18:01
Operator : JU
Sample : K6438-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF001-01

Quant Time: Dec 29 07:41:58 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	113717	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	439459	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	233314	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	456854	20.00	ng	0.00
76) Chrysene-d12	14.04	240	352066	20.00	ng	0.00
87) Perylene-d12	15.54	264	345746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	903404	135.61	ng	0.01
7) Phenol-d6	6.49	99	1142127	138.20	ng	0.00
23) Nitrobenzene-d5	7.42	82	679937	88.49	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	402619	139.74	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1371418	89.73	ng	0.00
79) Terphenyl-d14	12.99	244	1777462	83.76	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	33143	3.568	ng	80
50) Dimethylphthalate	9.62	163	56570	3.230	ng	99

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

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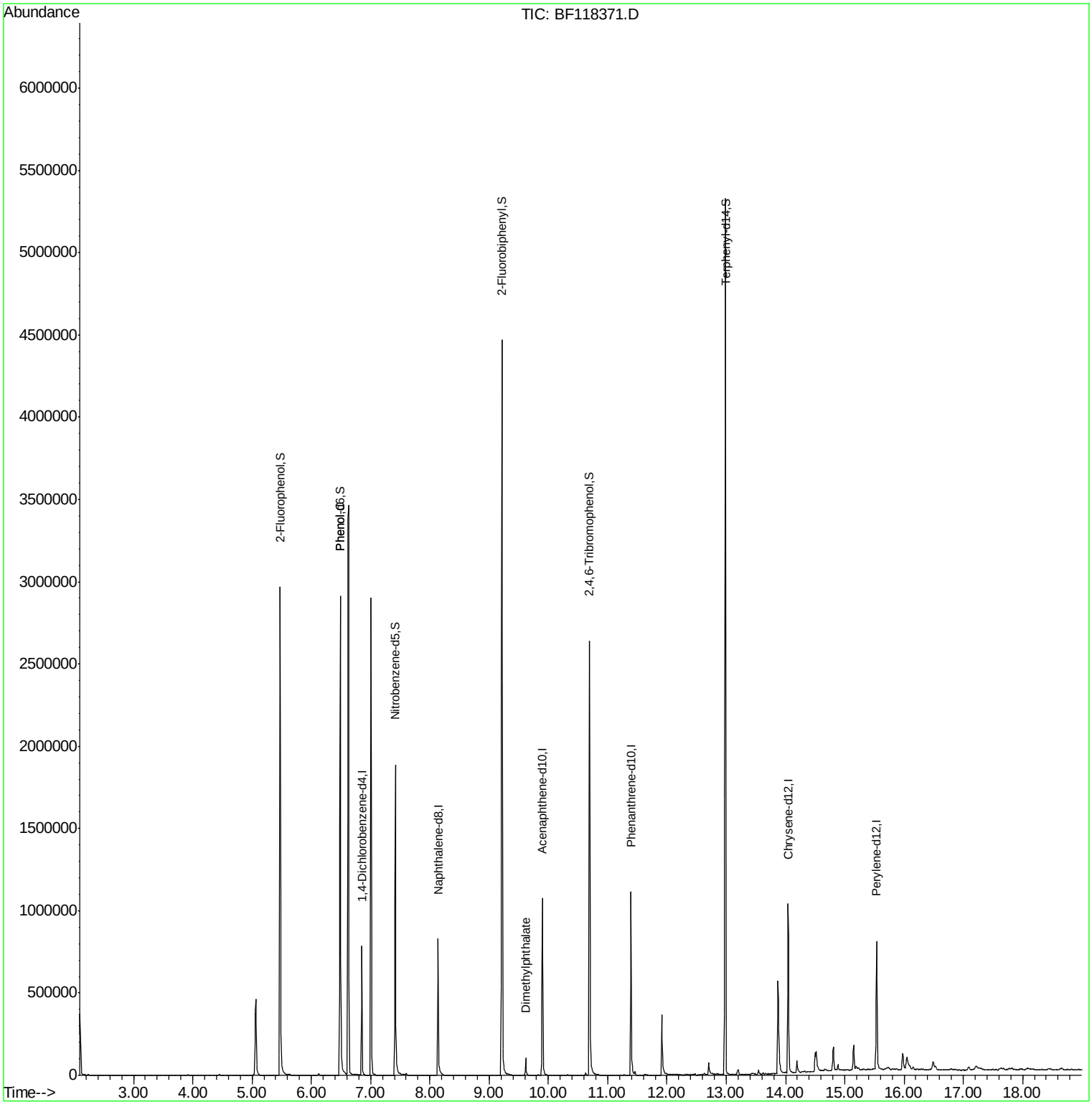
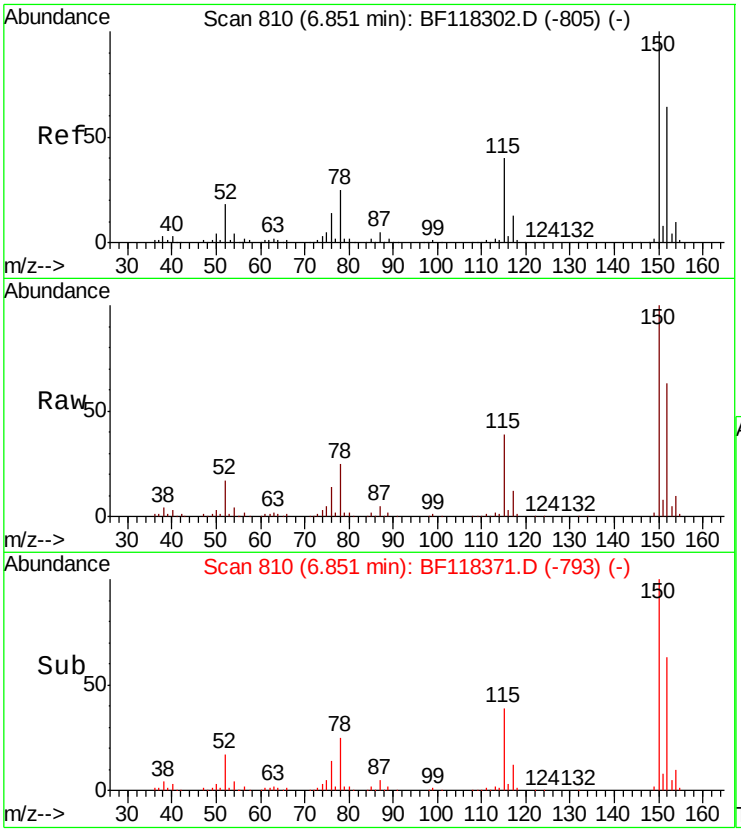


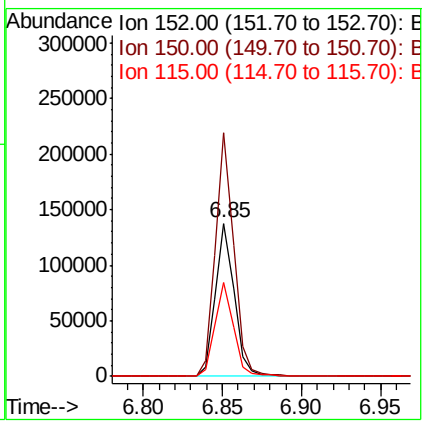


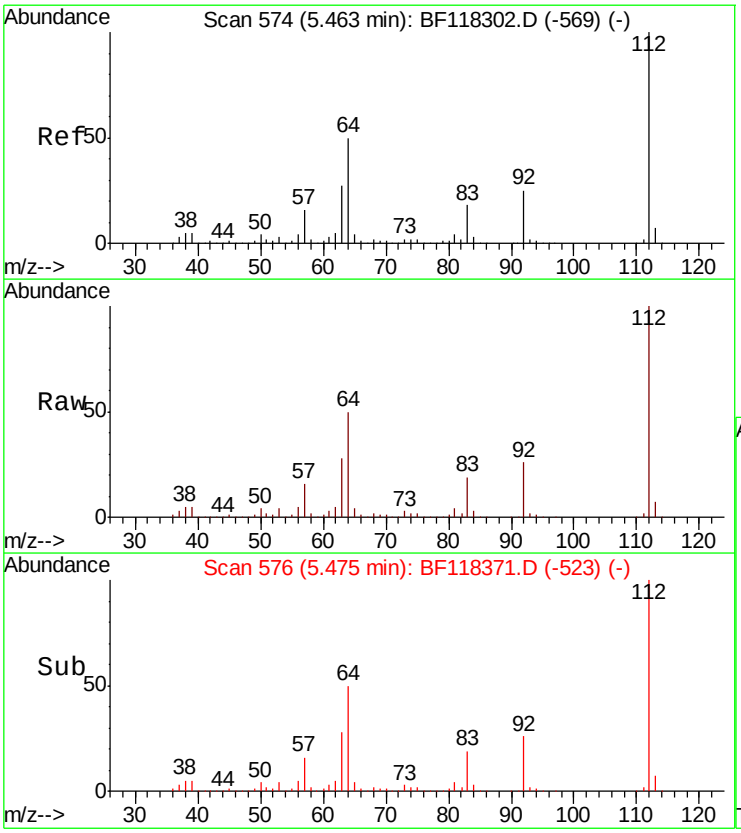
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

Tgt Ion:152 Resp: 113717

Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.4	188.2
115	61.6	50.2	75.4

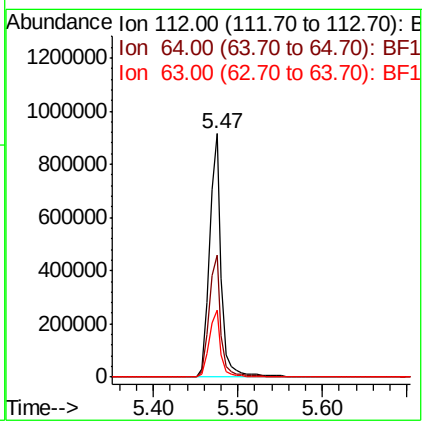


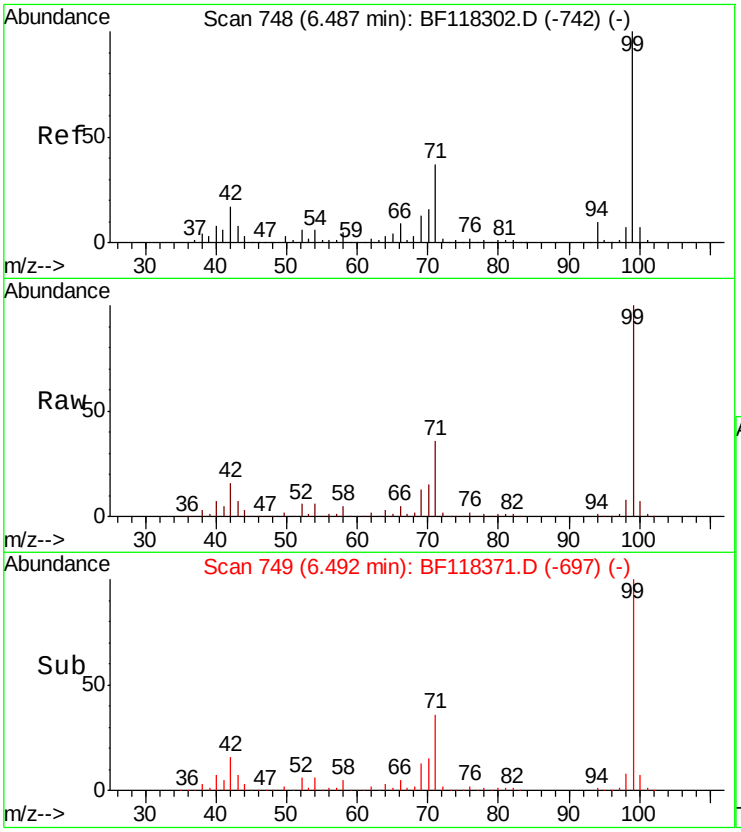


#5
2-Fluorophenol
Concen: 135.609 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion:112 Resp: 903404

Ion	Ratio	Lower	Upper
112	100		
64	50.1	39.7	59.5
63	27.5	21.7	32.5



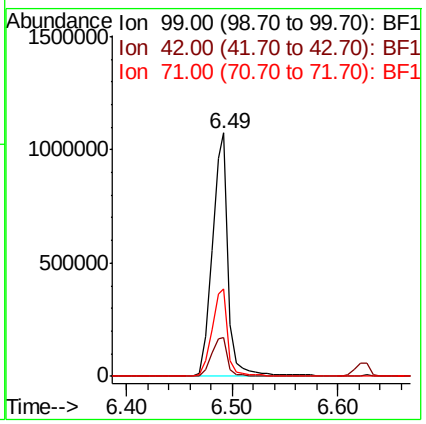


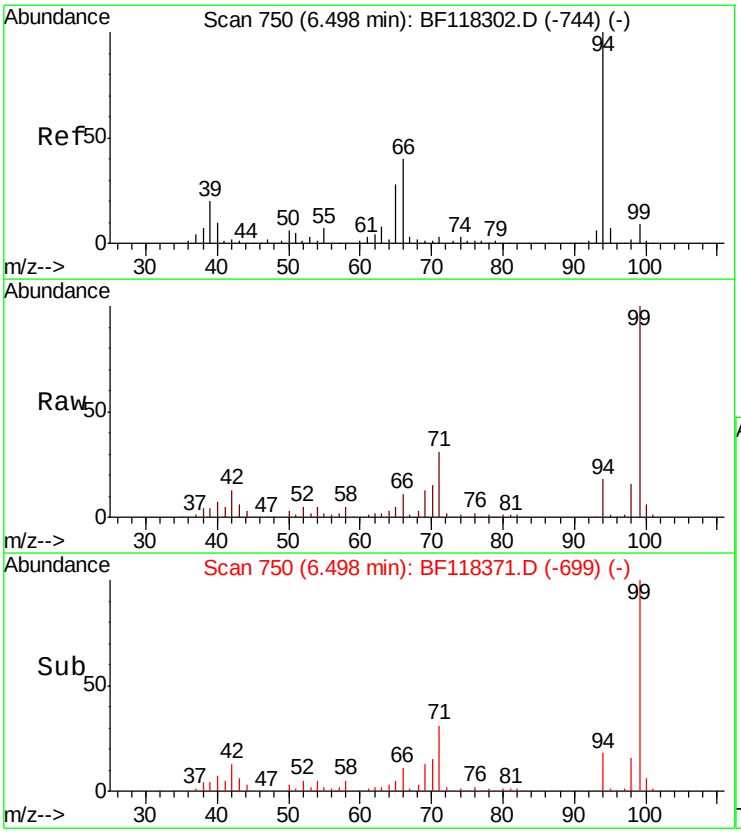
#7
Phenol-d6
Concen: 138.202 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

Tgt Ion: 99 Resp: 1142127

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	36.0	29.4	44.2

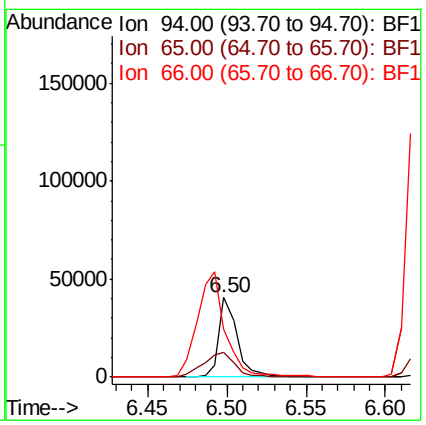


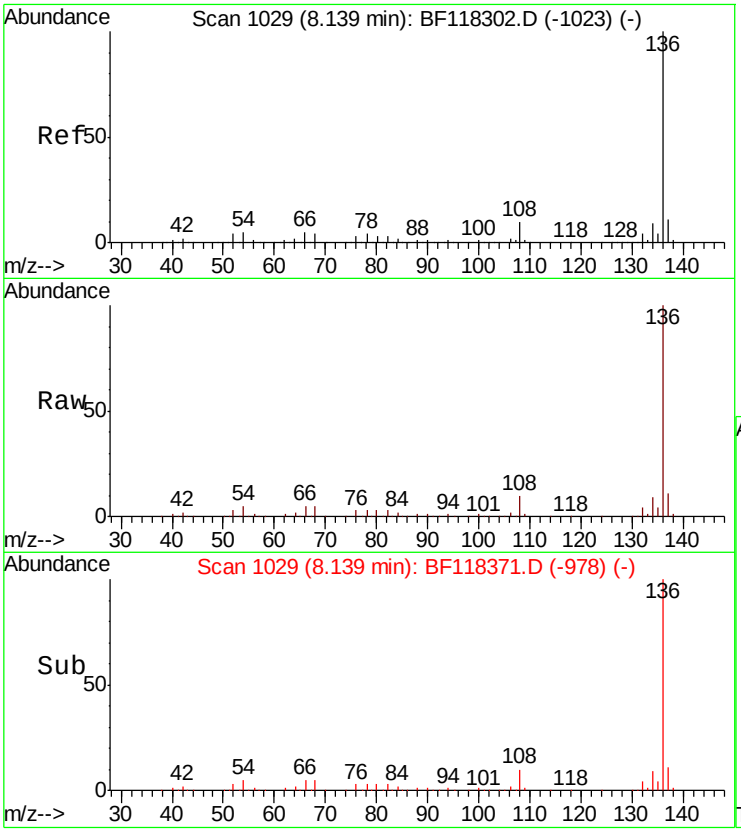


#10
Phenol
Concen: 3.568 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion: 94 Resp: 33143

Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.8	47.8
66	59.5	20.4	60.4



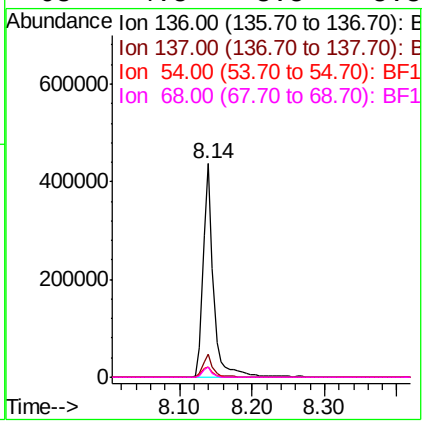


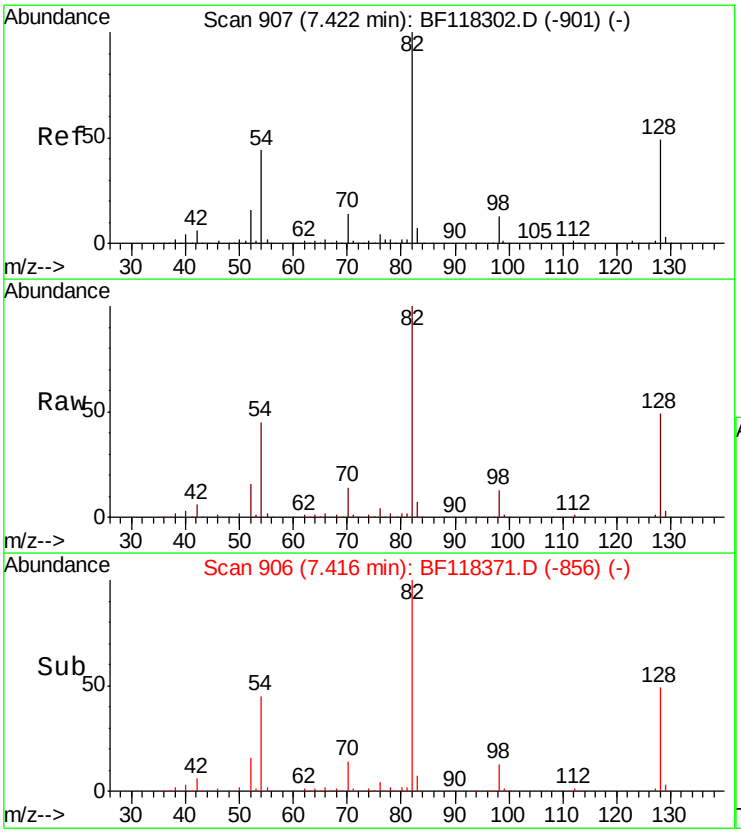
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

Tgt Ion:136 Resp: 439459

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.0	4.2	6.4
68	4.5	3.5	5.3

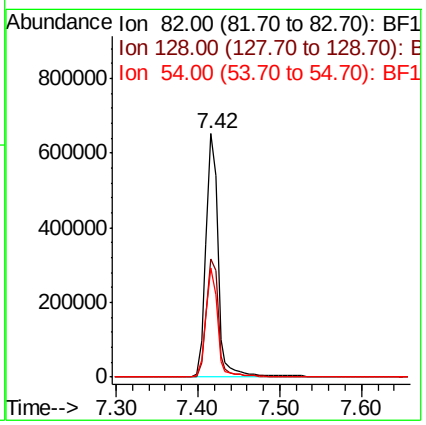


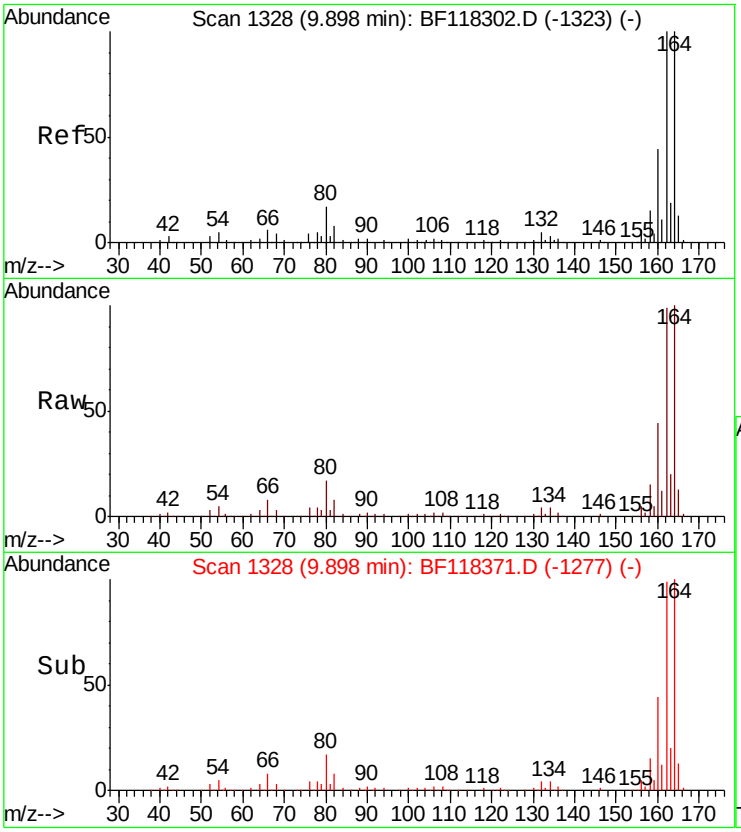


#23
Nitrobenzene-d5
Concen: 88.493 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion: 82 Resp: 679937

Ion	Ratio	Lower	Upper
82	100		
128	48.6	39.6	59.4
54	45.0	34.9	52.3



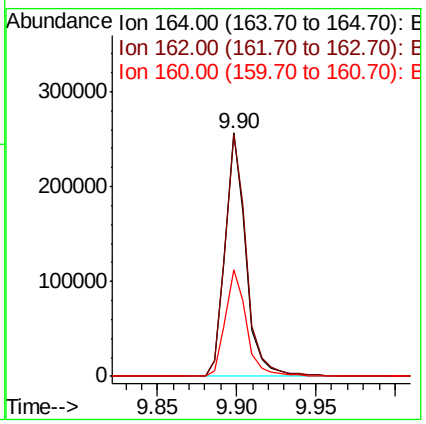


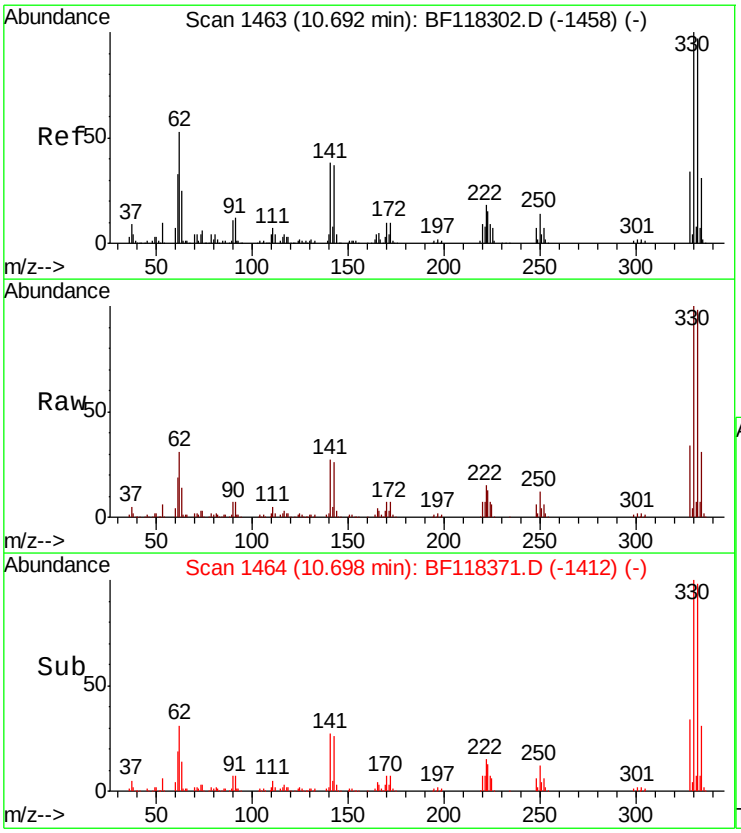
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

Tgt Ion:164 Resp: 233314

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.0	120.0
160	44.0	34.8	52.2

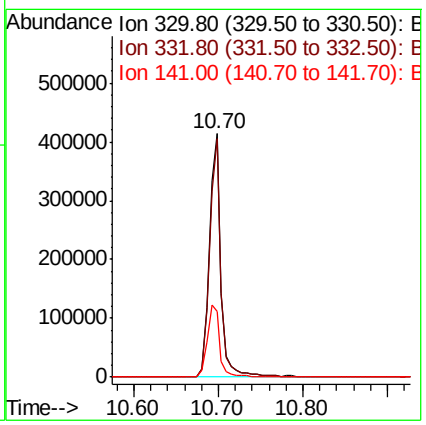


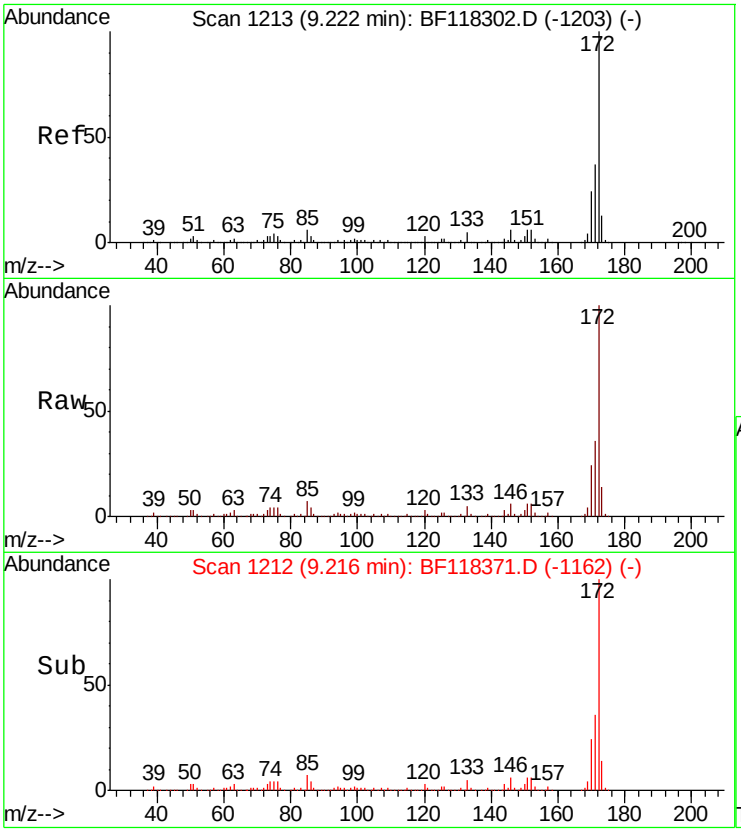


#42
2,4,6-Tribromophenol
Concen: 139.737 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion:330 Resp: 402619

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	32.1	26.0	39.0



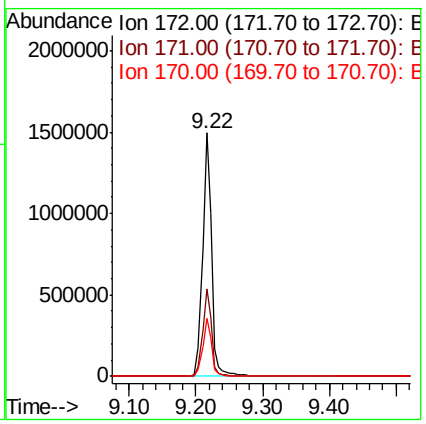


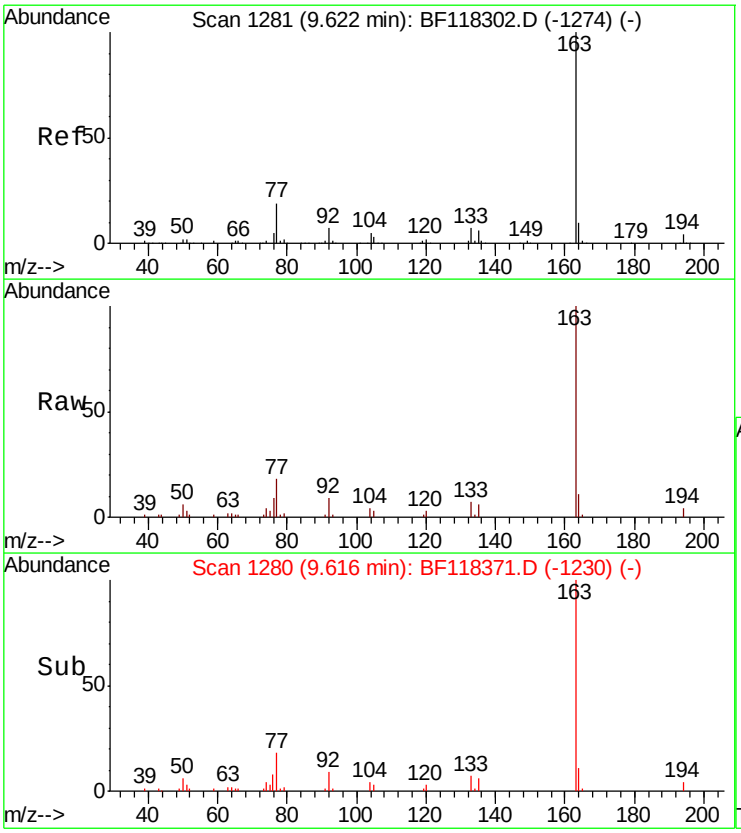
#45
2-Fluorobiphenyl
Concen: 89.726 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

Tgt Ion:172 Resp: 1371418

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	23.7	19.2	28.8

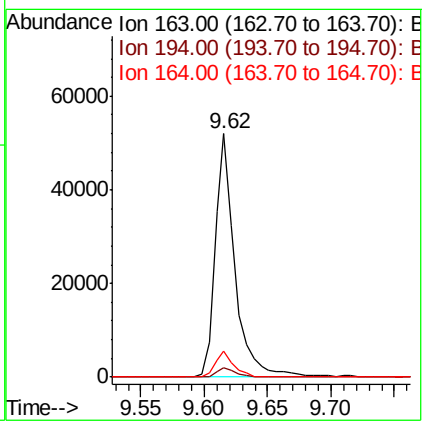


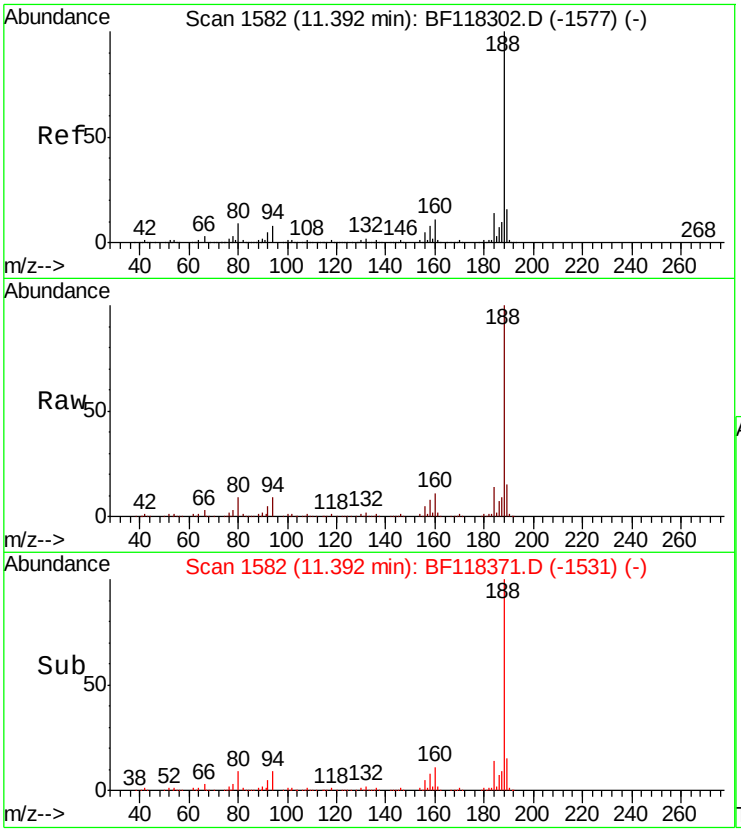


#50
Dimethylphthalate
Concen: 3.230 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion:163 Resp: 56570

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.5	7.9	11.9



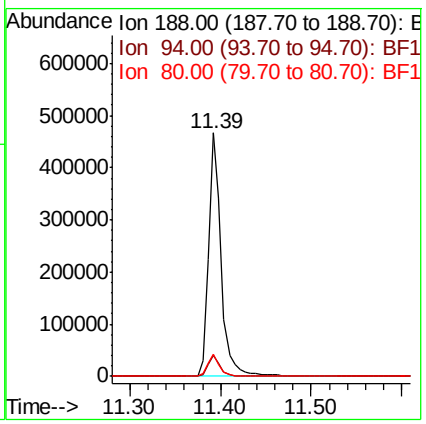


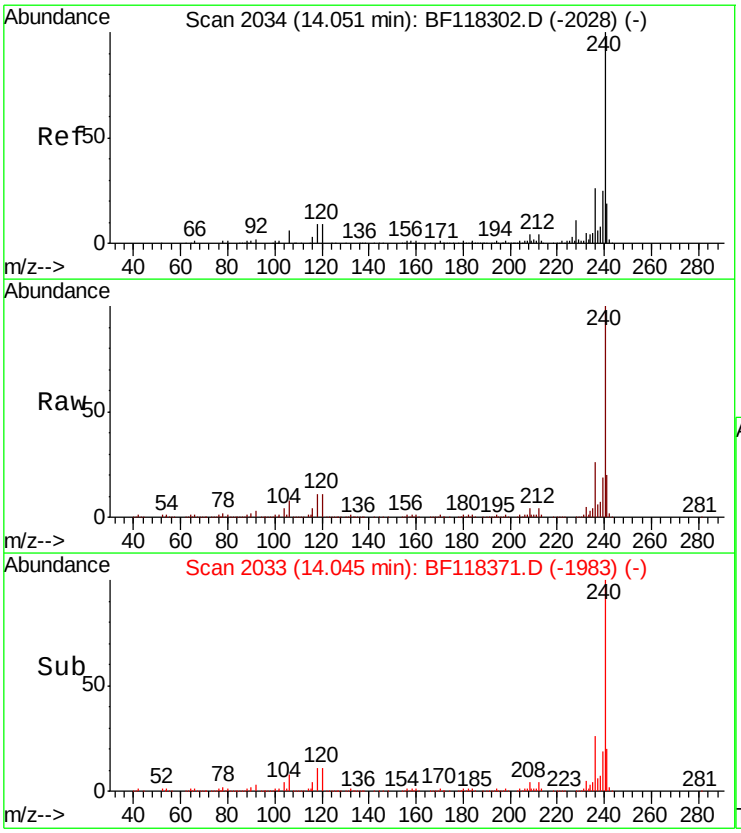
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

Tgt Ion:188 Resp: 456854

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.3	7.2	10.8

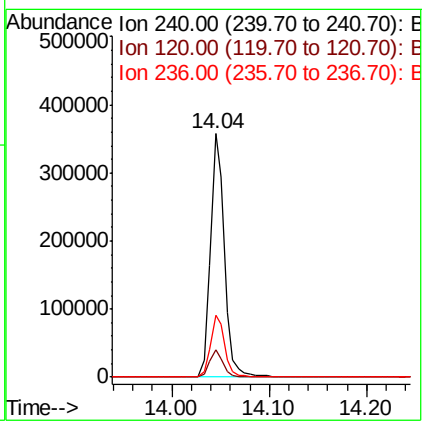


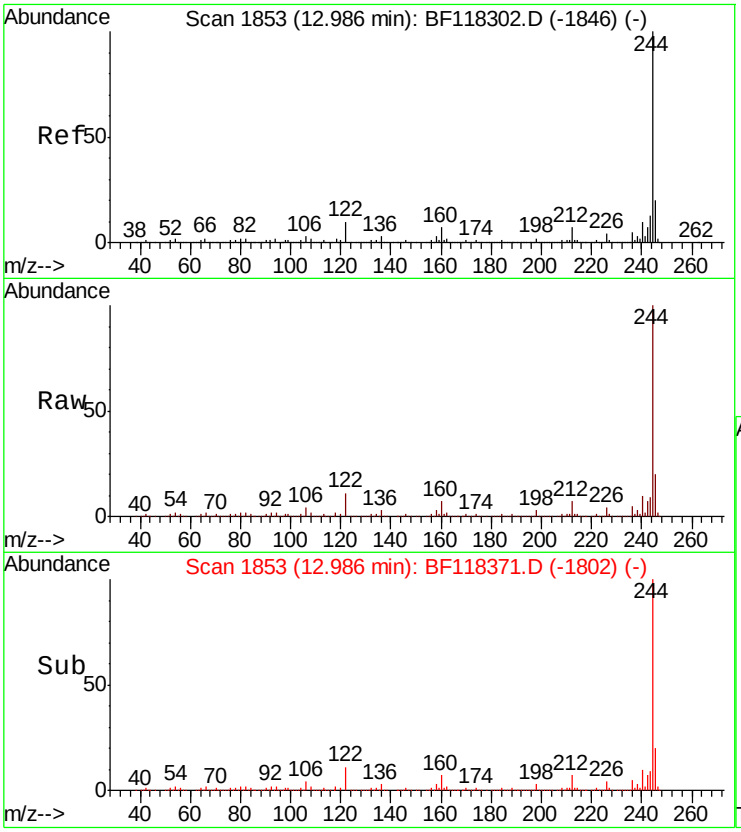


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion:240 Resp: 352066

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.1	10.7#
236	25.5	21.0	31.6



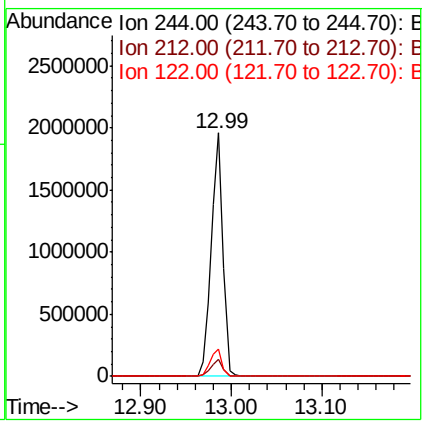


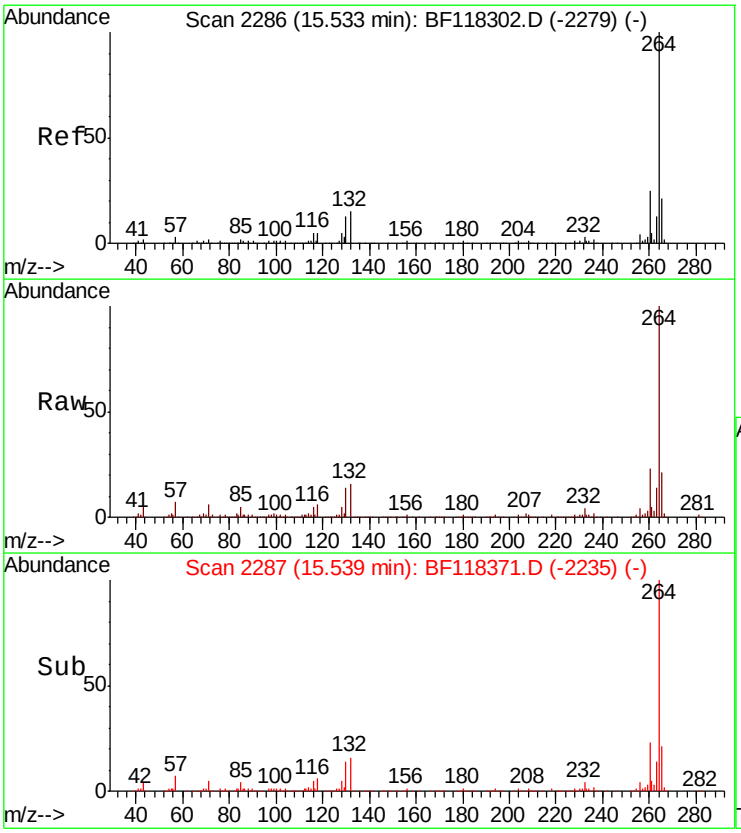
#79
Terphenyl-d14
Concen: 83.759 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

Tgt Ion:244 Resp: 1777462

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: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion:264 Resp: 345746

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	21.5	17.0	25.4