Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117199.D
Acq On : 20 Sep 2019 21:24
Operator : HP/JU
Sample : K4662-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 20 23:03:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	38475	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	155643	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	87052	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	144634	20.00	ng	0.00
76) Chrysene-d12	13.98	240	94016	20.00	ng	0.00
87) Perylene-d12	15.43	264	69545	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	327532	132.91	ng	0.03
7) Phenol-d6	6.46	99	396462	124.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	314837	106.28	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	134089	184.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	615767	110.60	ng	0.00
79) Terphenyl-d14	12.93	244	656024	130.43	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	762	Below Cal	#	1
15) Benzyl Alcohol	6.97	79	5615	2.299	ng #	52
19) n-Nitroso-di-n-propylamine	7.39	70	44278	22.831	ng #	81
25) Isophorone	7.39	82	314834	60.027	ng #	66
31) Naphthalene	8.12	128	18275	2.441	ng	98
51) 2,6-Dinitrotoluene	9.85	165	10697	8.521	ng #	24
57) 2,4-Dinitrotoluene	9.85	165	10697	6.565	ng #	18
65) 4,6-Dinitro-2-methylphenol	10.65	198	142	7.087	ng #	1
67) 4-Bromophenyl-phenylether	10.65	248	8348	5.652	ng #	1
77) Benzidine	12.93	184	10119	3.341	ng	95

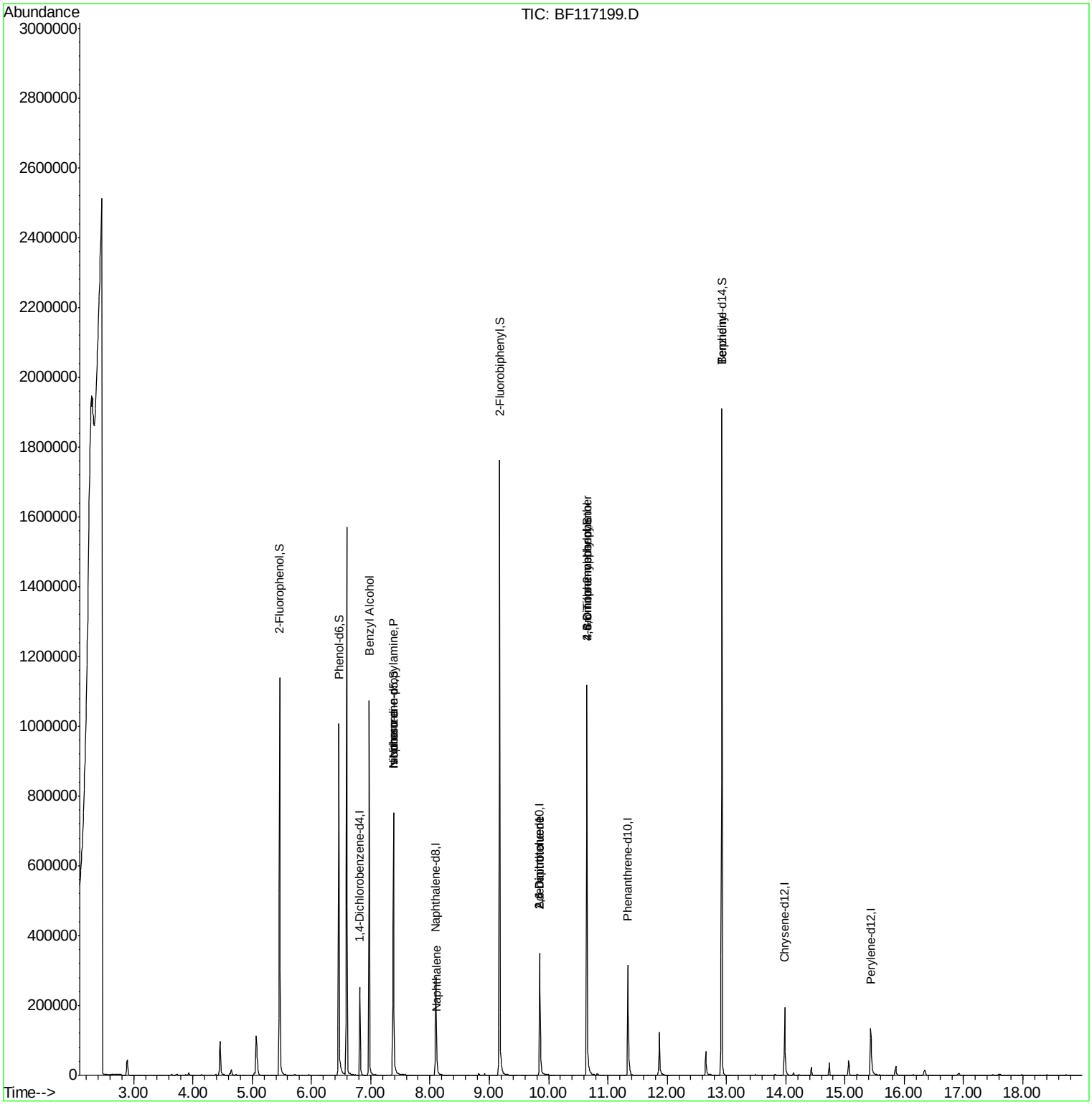
(#) = qualifier out of range (m) = manual integration (+) = signals summed

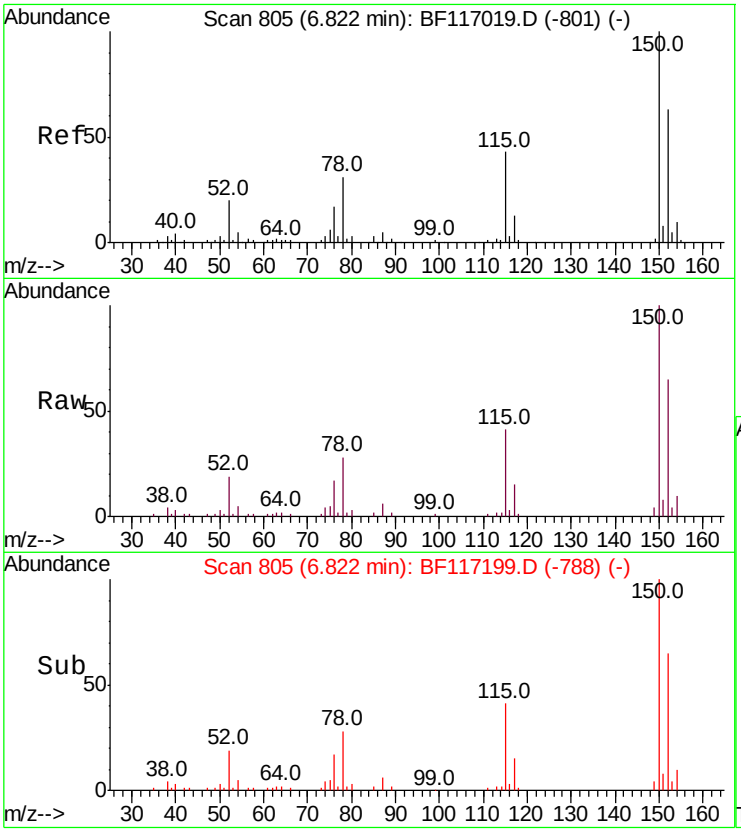
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117199.D
Acq On : 20 Sep 2019 21:24
Operator : HP/JU
Sample : K4662-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 20 23:03:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



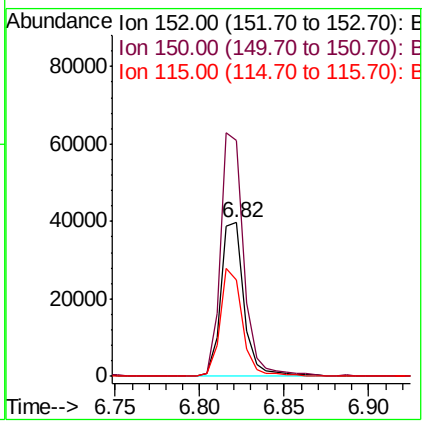


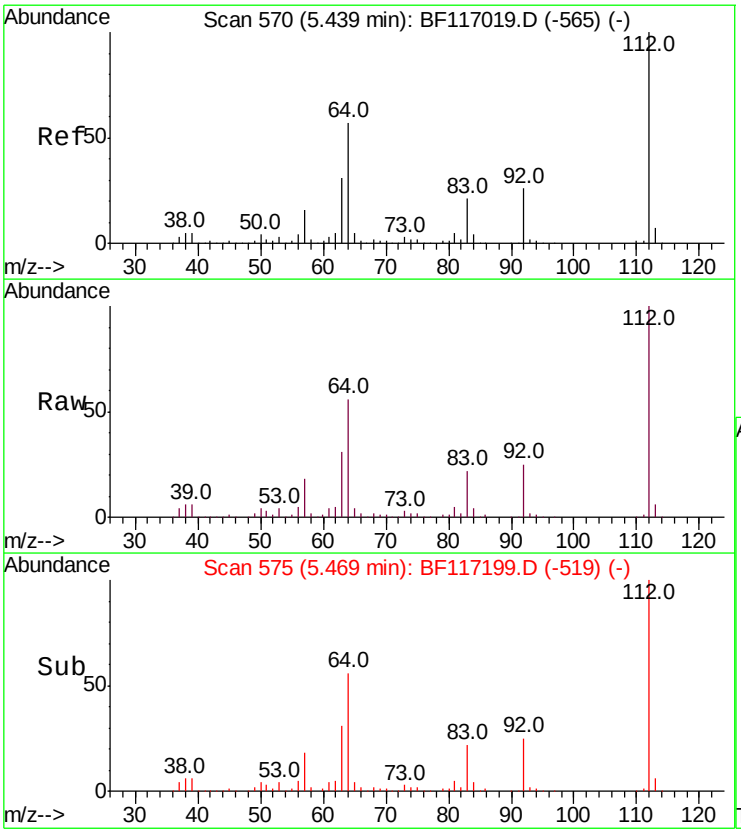
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 38475

Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.5	191.3
115	62.4	55.0	82.4

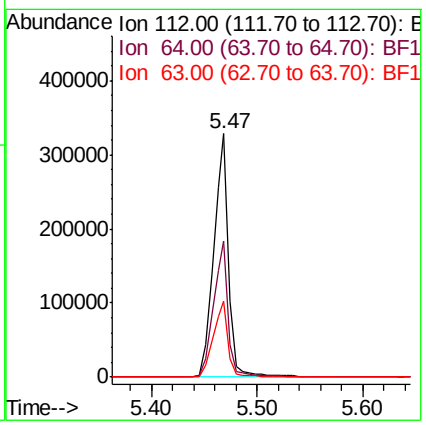


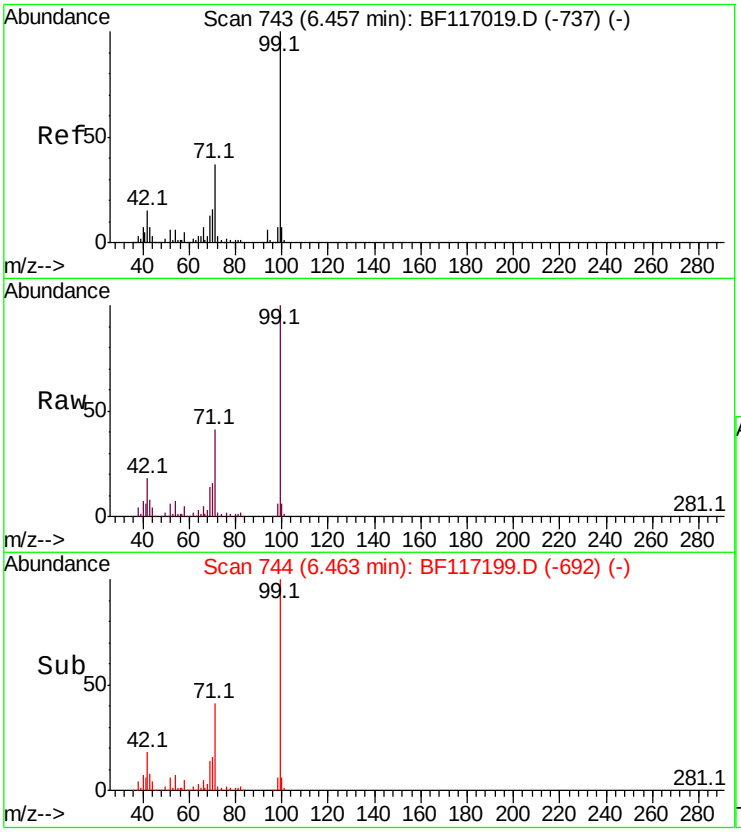


#5
2-Fluorophenol
Concen: 132.907 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.03 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion:112 Resp: 327532

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.7	68.5
63	31.0	24.9	37.3



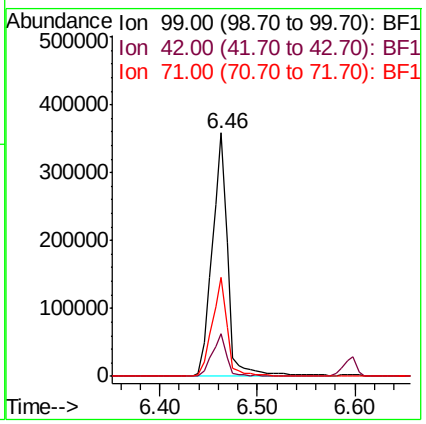


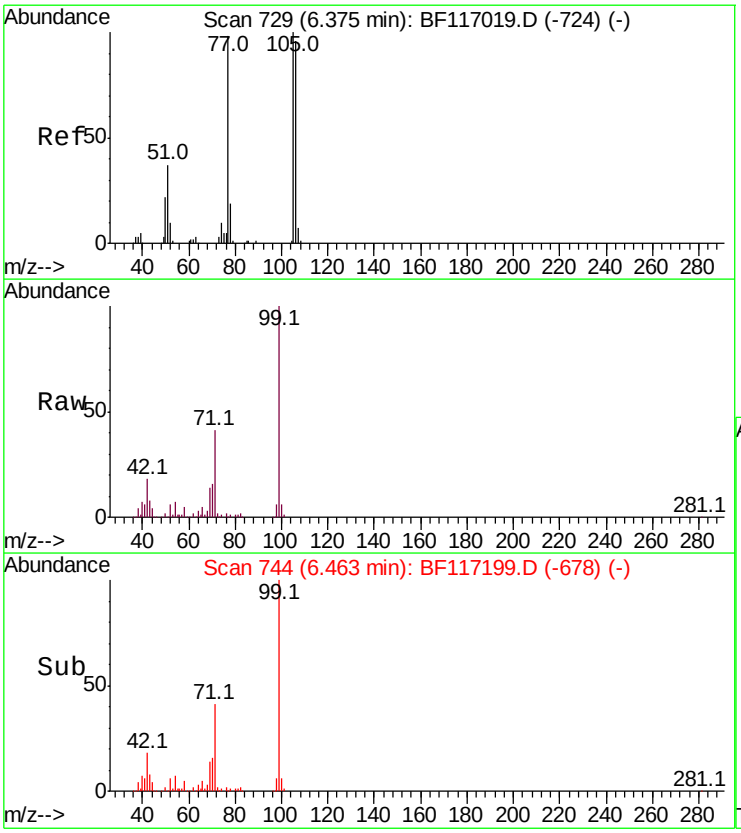
#7
Phenol-d6
Concen: 124.483 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 396462

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.2	18.2
71	40.6	29.8	44.8

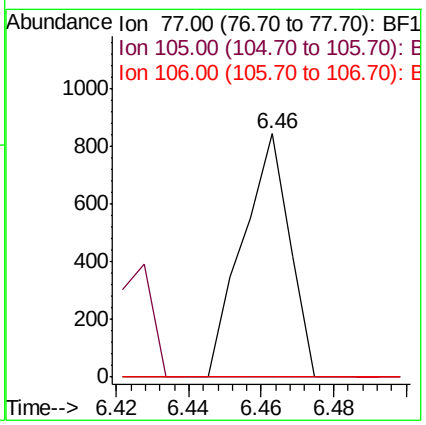


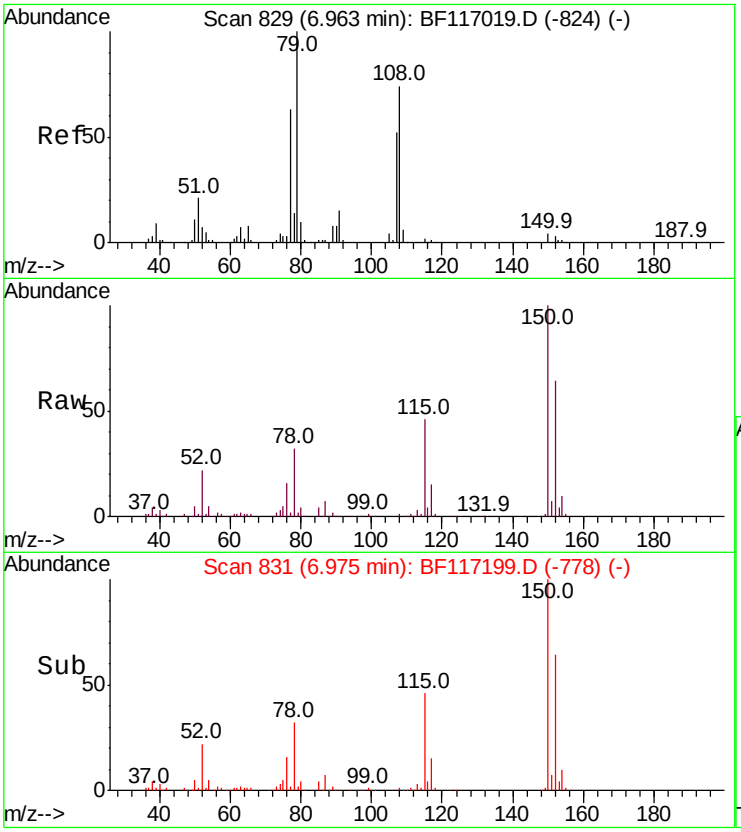


#9
Benzaldehyde
Concen: Below Cal
RT: 6.46 min Scan# 744
Delta R.T. 0.09 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion: 77 Resp: 762

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#



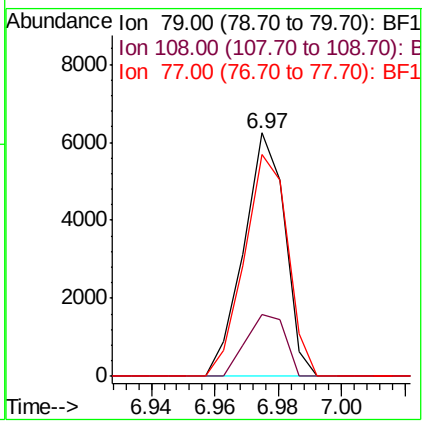


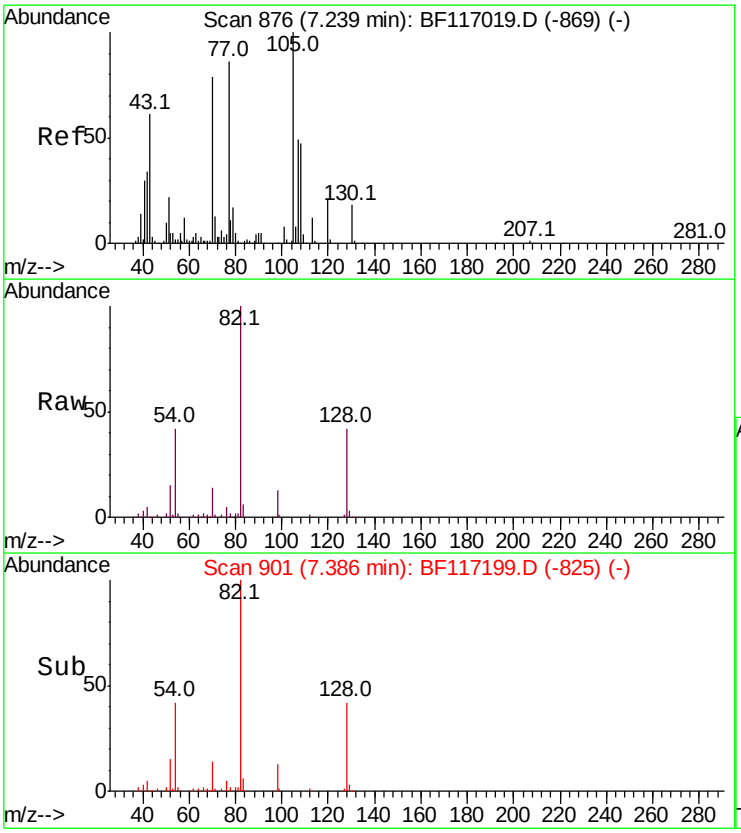
#15
Benzyl Alcohol
Concen: 2.299 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 5615

Ion	Ratio	Lower	Upper
79	100		
108	25.2	59.4	89.0#
77	91.0	50.2	75.2#

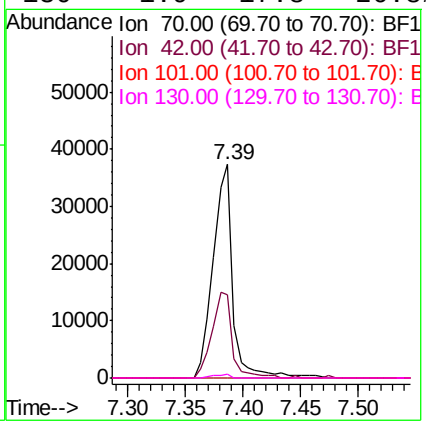


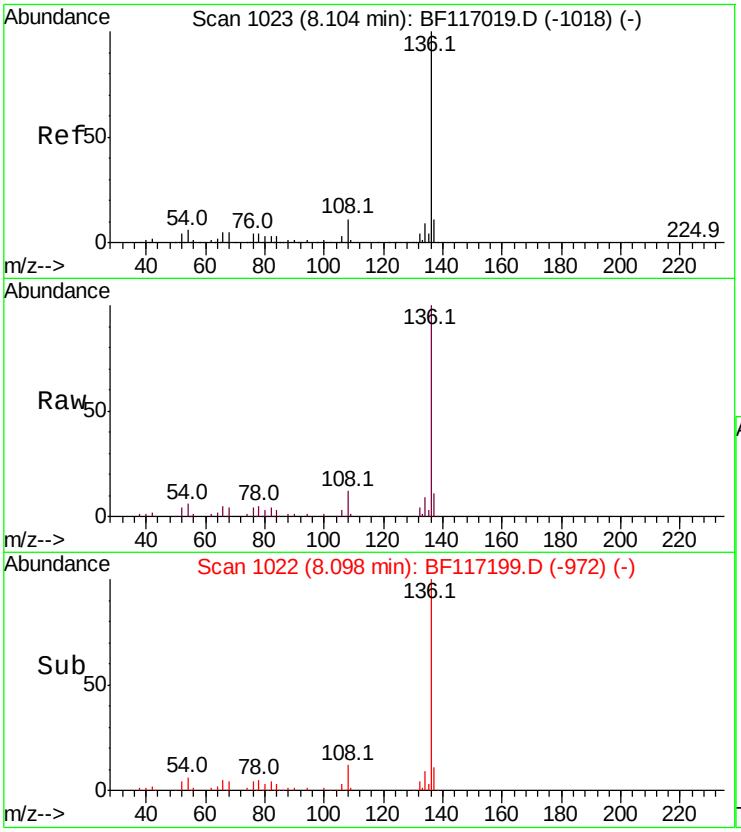


#19
n-Nitroso-di-n-propylamine
Concen: 22.831 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion: 70 Resp: 44278

Ion	Ratio	Lower	Upper
70	100		
42	39.1	34.0	51.0
101	0.0	7.8	11.6#
130	1.9	17.8	26.8#



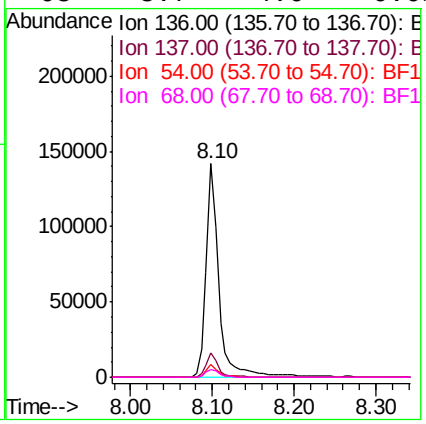


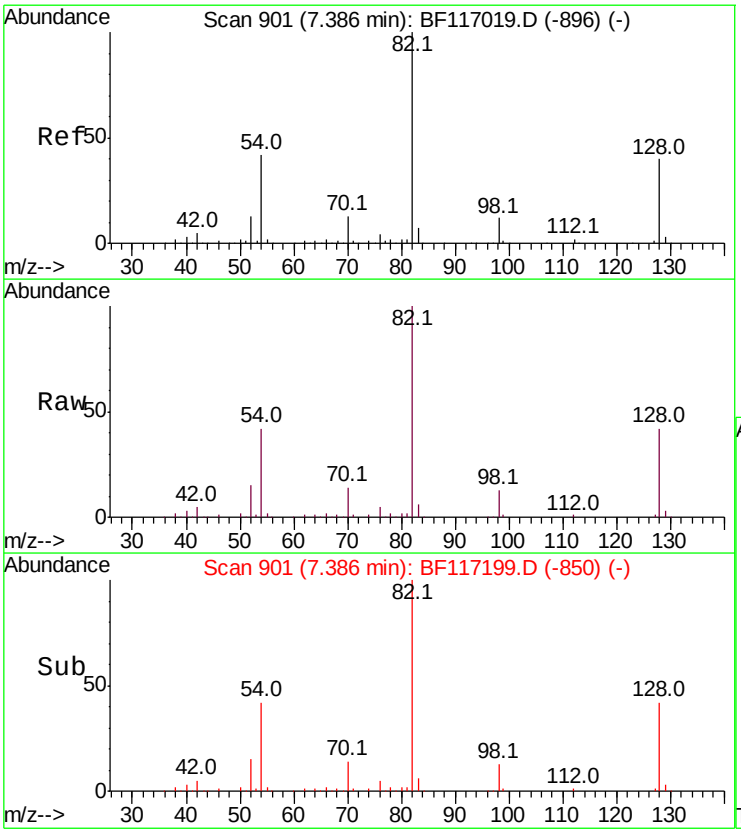
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 155643

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.7	4.5	6.7
68	3.7	4.0	6.0#

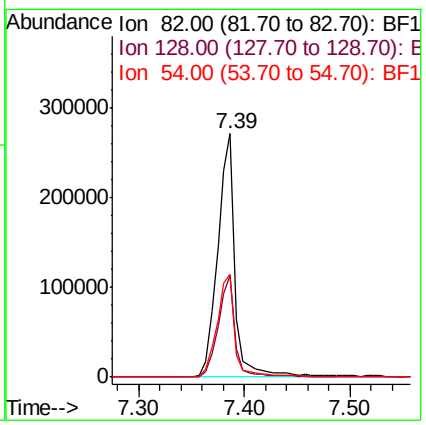


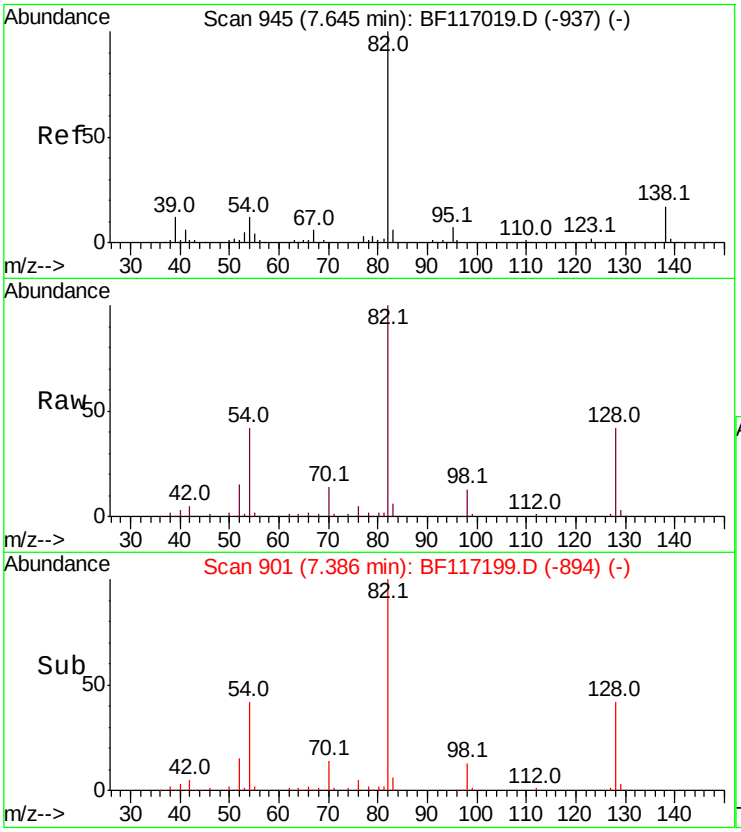


#23
Nitrobenzene-d5
Concen: 106.284 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion: 82 Resp: 314837

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.3	48.5
54	42.0	33.3	49.9



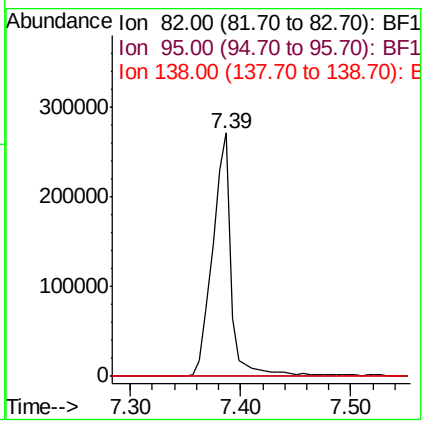


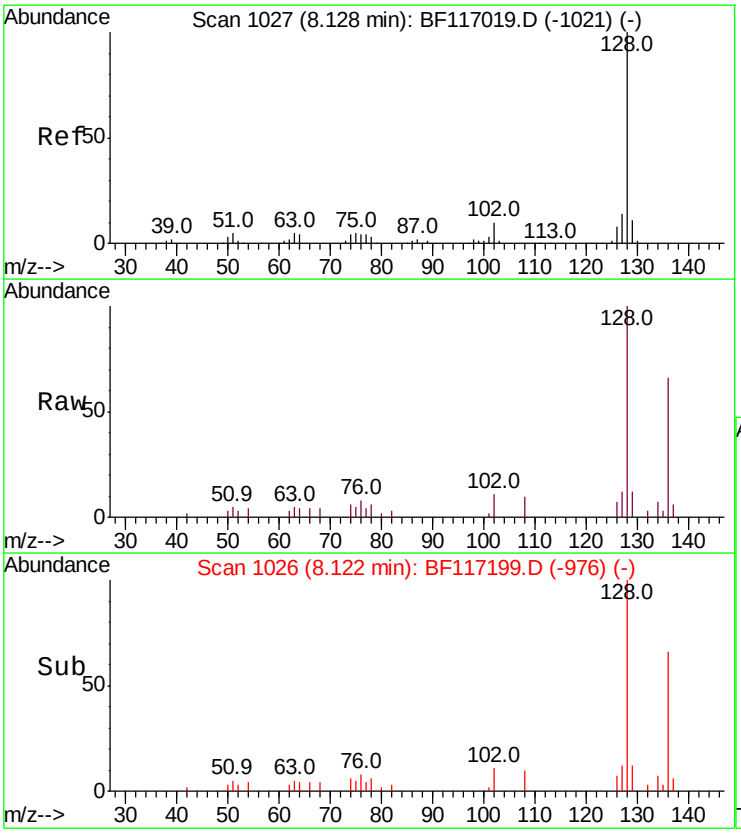
#25
Isophorone
Concen: 60.027 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 314834

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

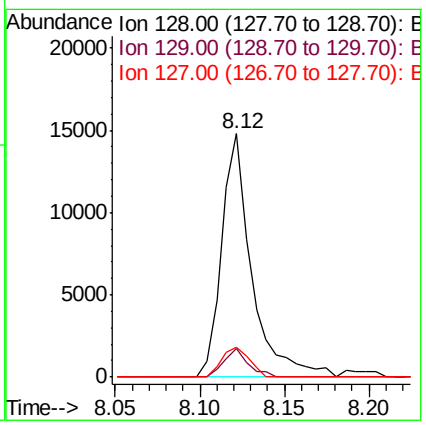


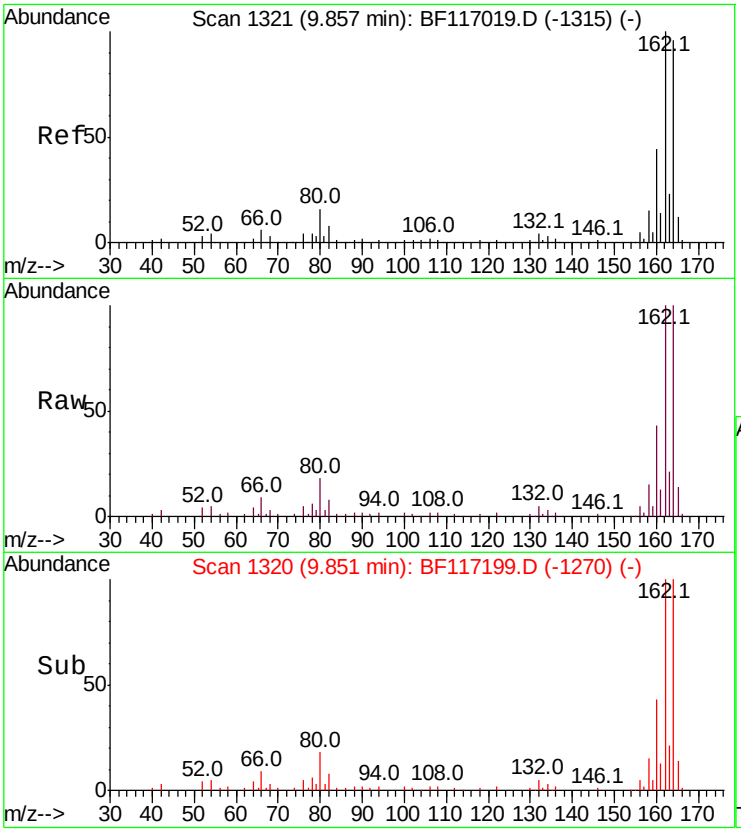


#31
Naphthalene
Concen: 2.441 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion:128 Resp: 18275

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	12.3	10.8	16.2



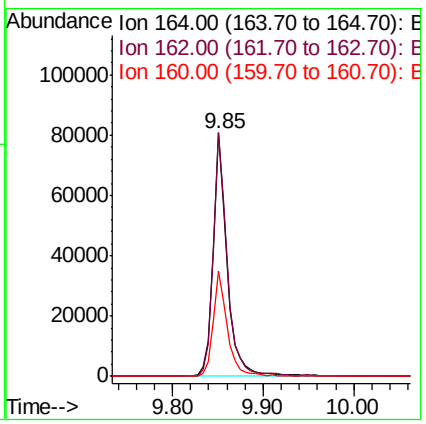


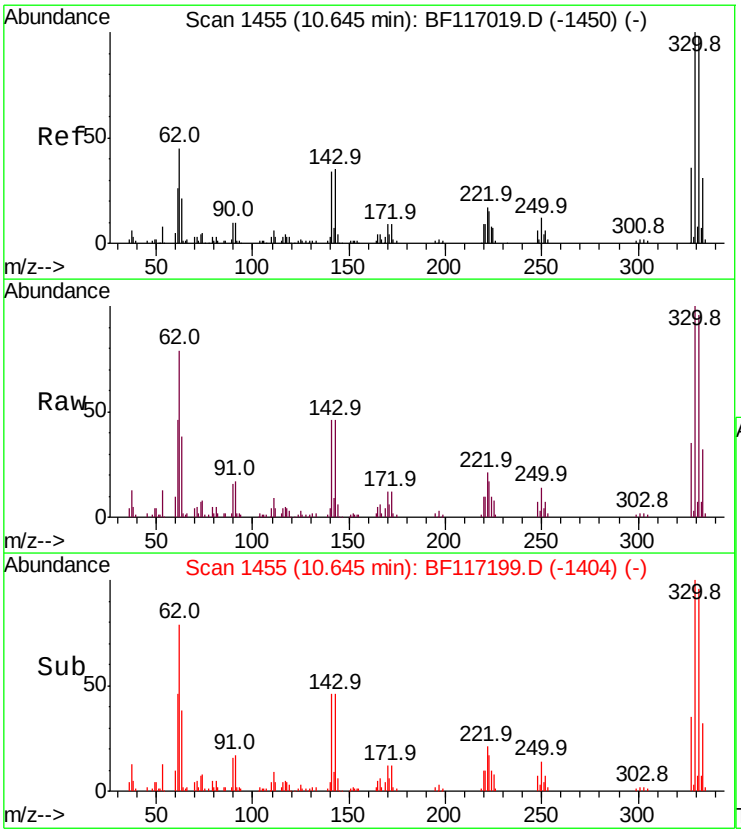
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 87052

Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.4	125.2
160	43.3	36.4	54.6

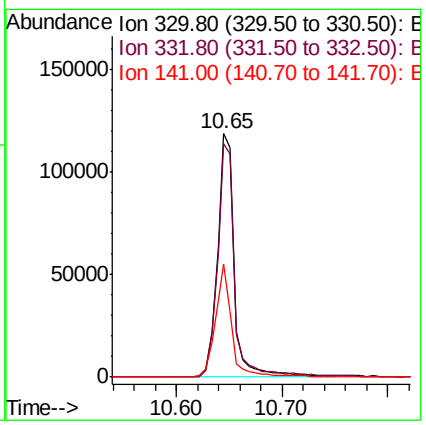


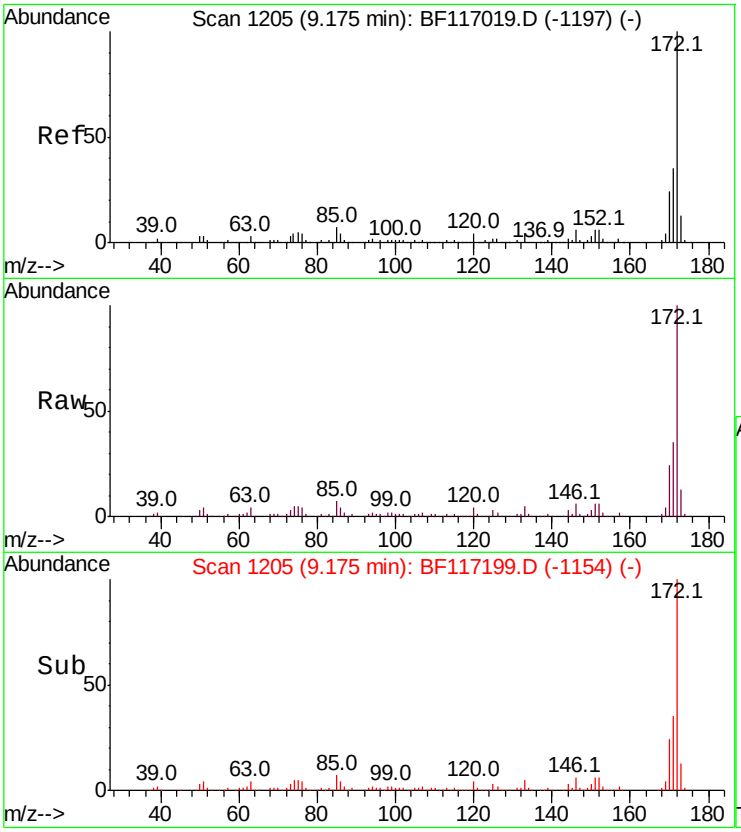


#42
2,4,6-Tribromophenol
Concen: 184.301 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion:330 Resp: 134089

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.0	117.0
141	45.2	35.8	53.6



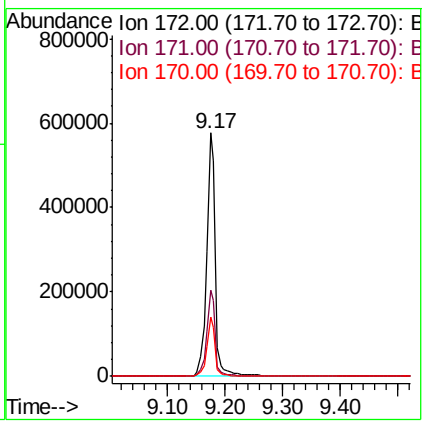


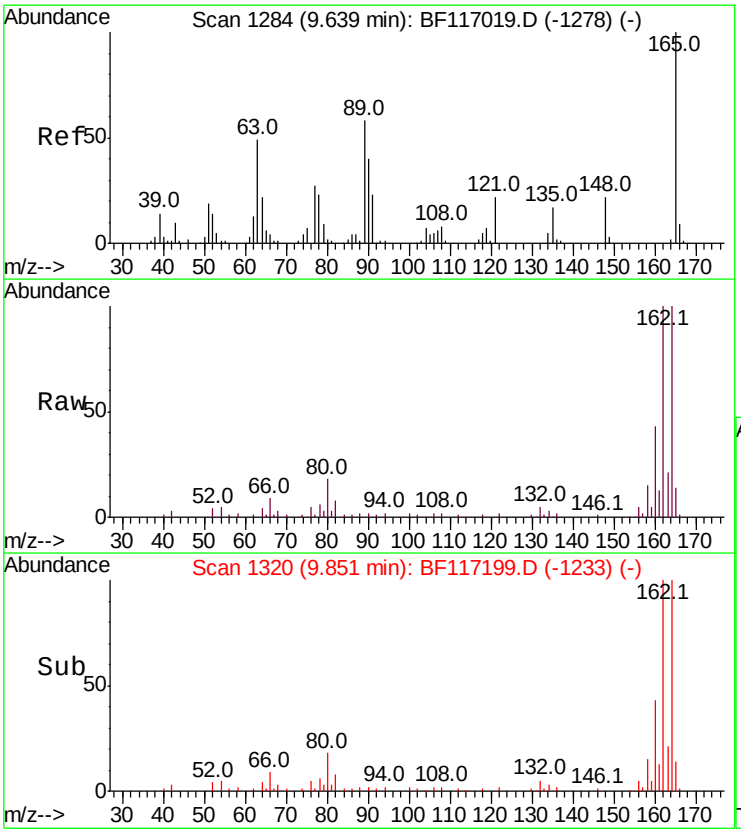
#45
2-Fluorobiphenyl
Concen: 110.600 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 615767

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	24.3	18.9	28.3

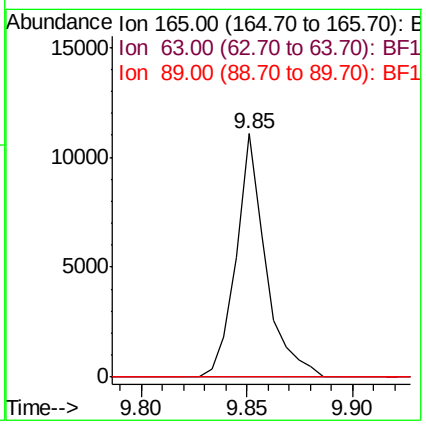


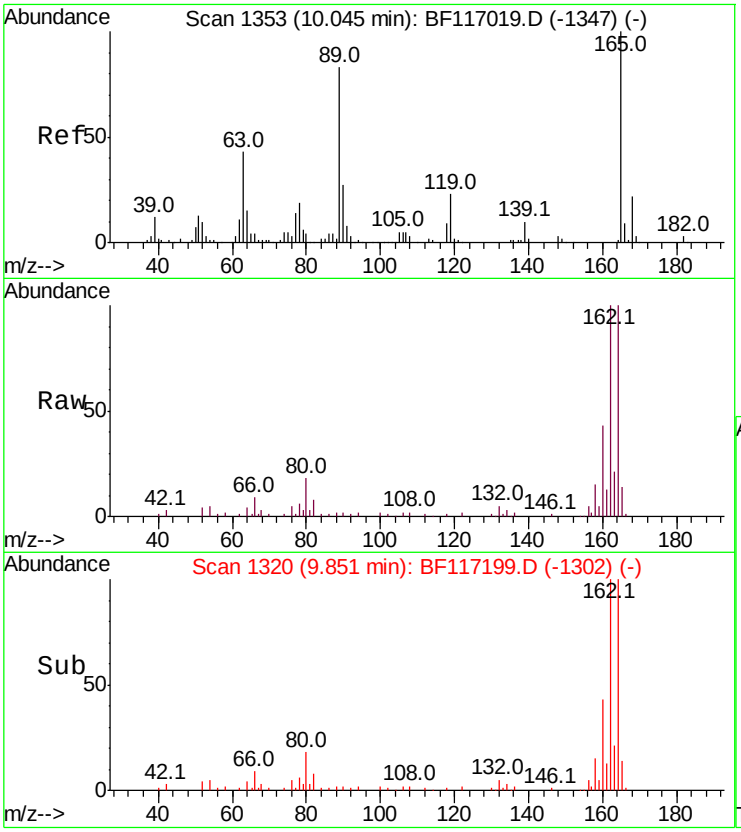


#51
2,6-Dinitrotoluene
Concen: 8.521 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion:165 Resp: 10697

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



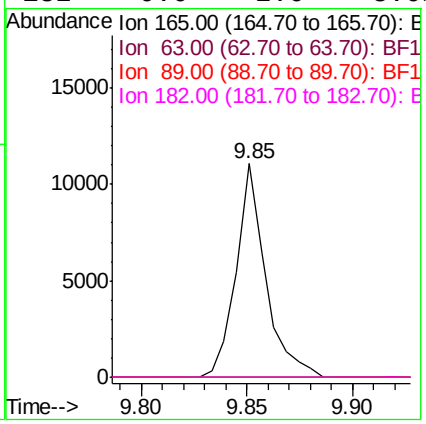


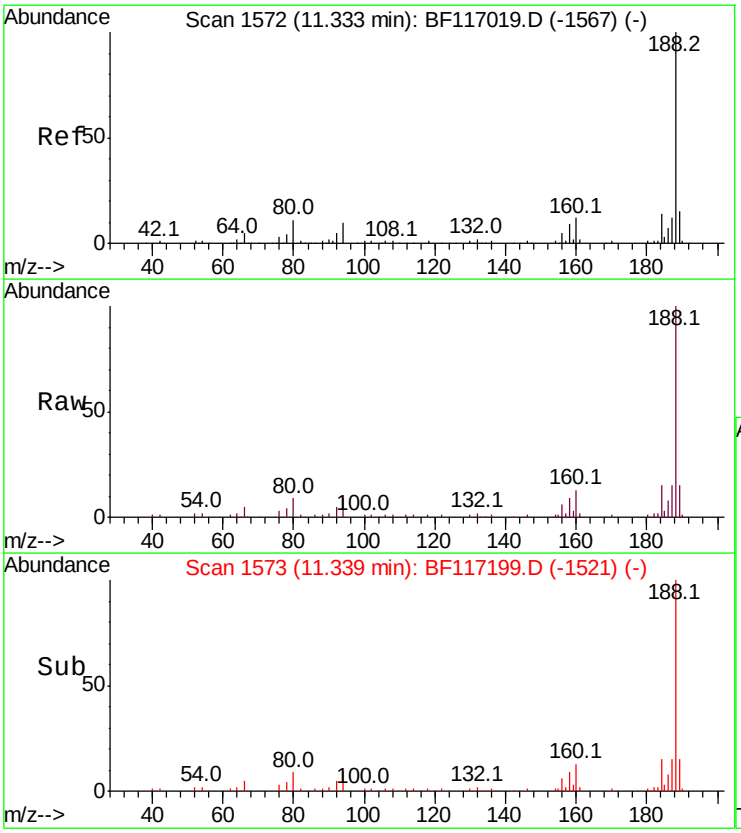
#57
2,4-Dinitrotoluene
Concen: 6.565 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10697

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

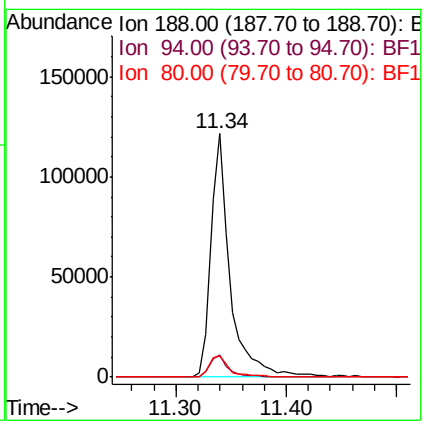


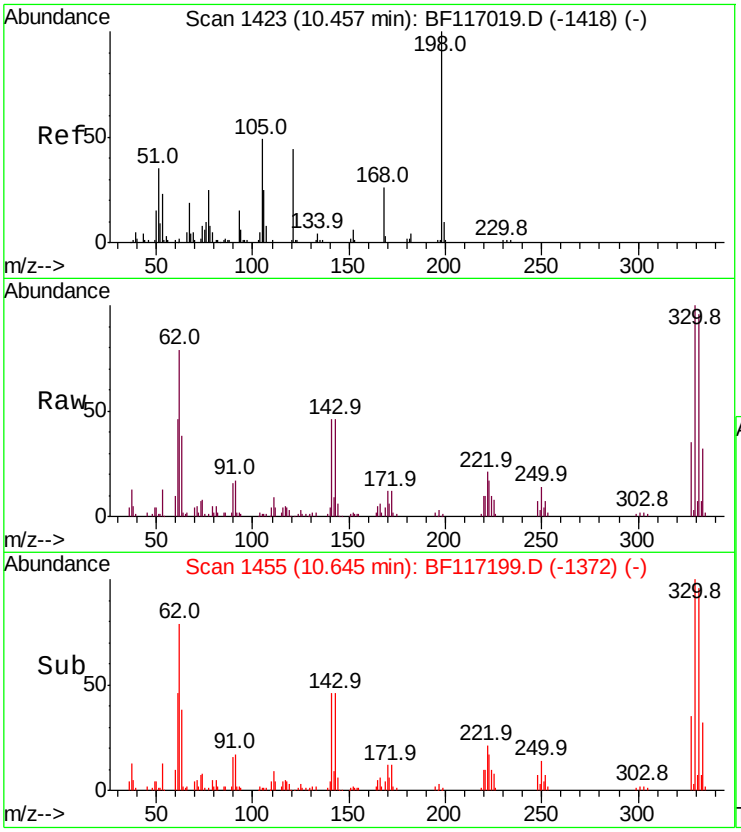


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion:188 Resp: 144634

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	8.8	9.0	13.6#



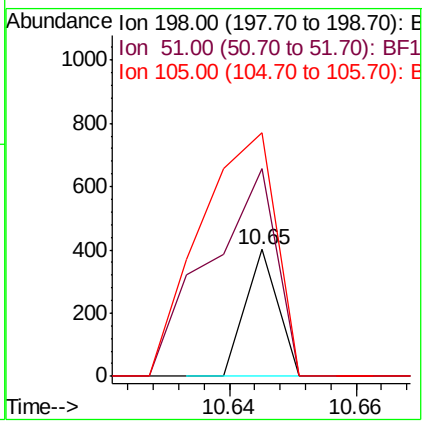


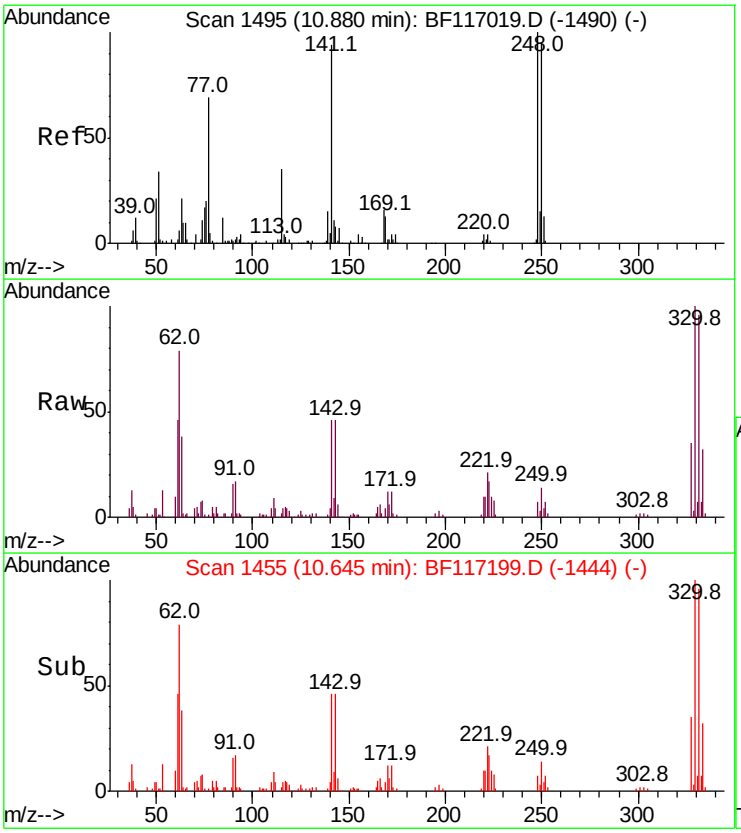
#65
4,6-Dinitro-2-methylphenol
Concen: 7.087 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.19 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 142

Ion	Ratio	Lower	Upper
198	100		
51	163.4	18.7	58.7#
105	191.5	30.2	70.2#

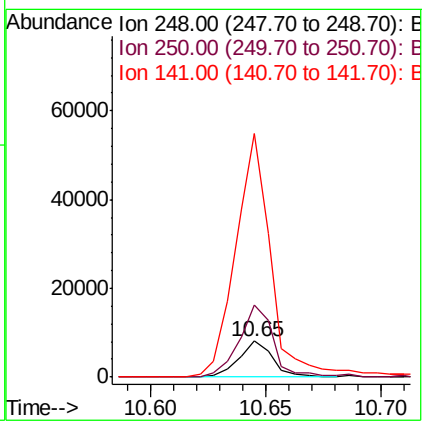


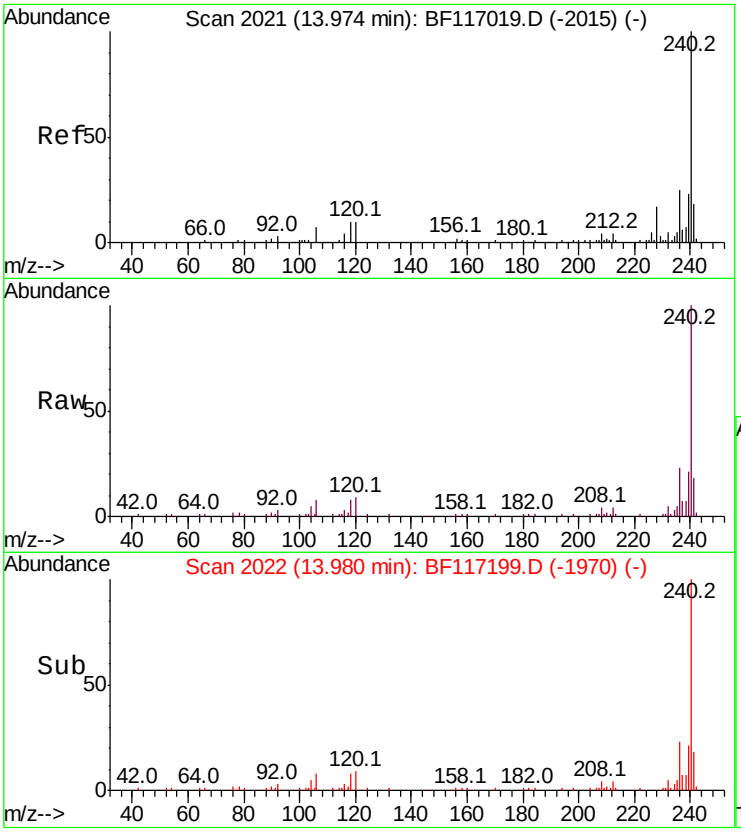


#67
4-Bromophenyl-phenylether
Concen: 5.652 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion:248 Resp: 8348

Ion	Ratio	Lower	Upper
248	100		
250	200.3	76.2	114.4#
141	677.3	75.0	112.4#



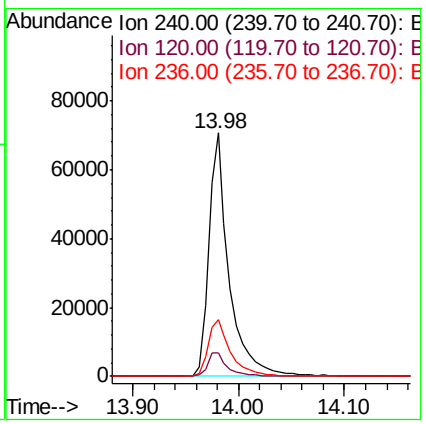


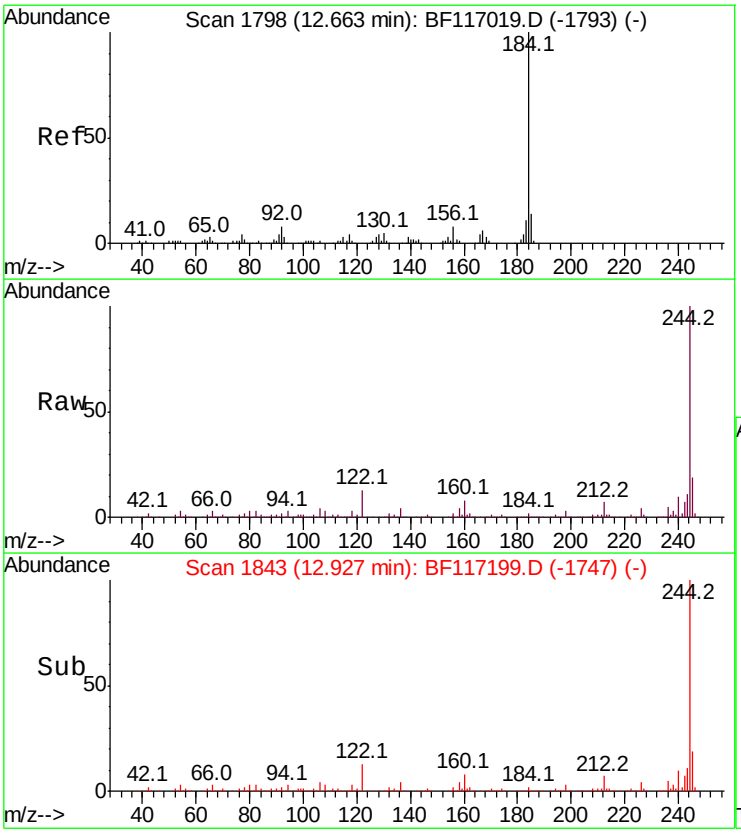
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 94016

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	23.1	20.3	30.5

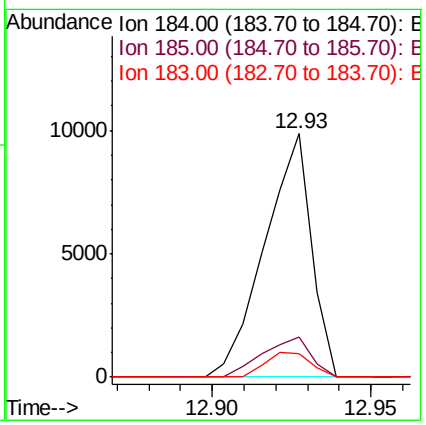


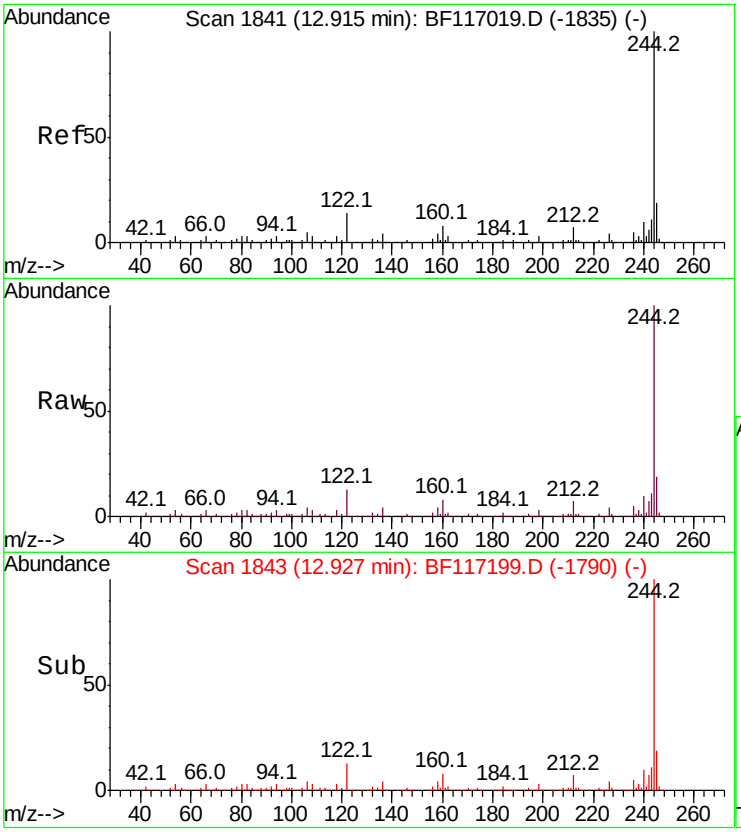


#77
Benzidine
Concen: 3.341 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.26 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion:184 Resp: 10119

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.6	17.4
183	9.4	9.0	13.4



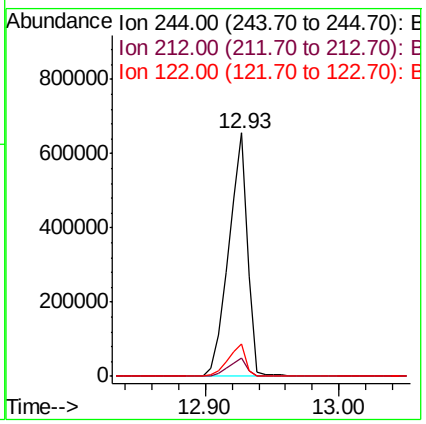


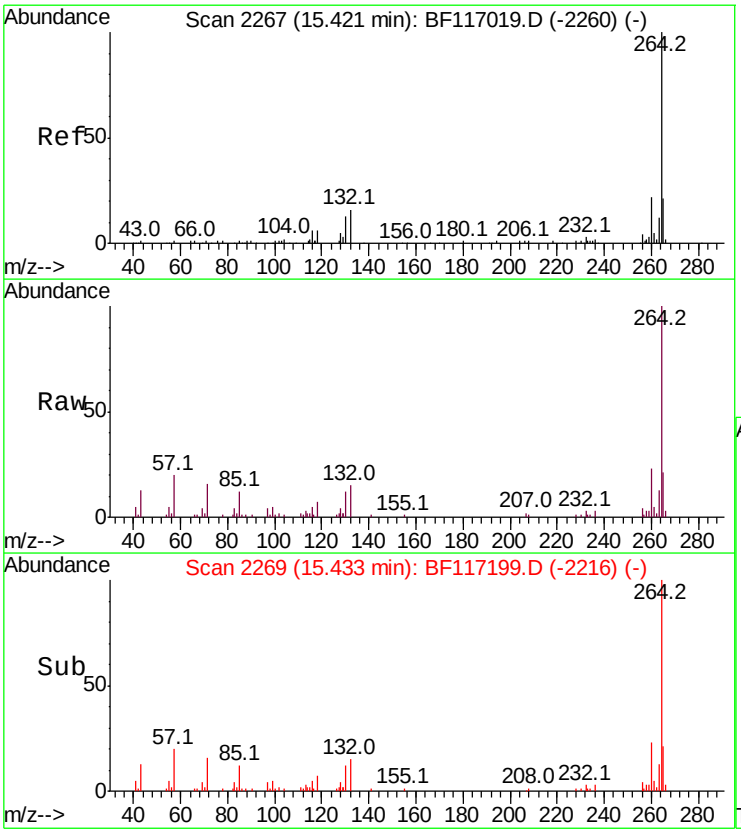
#79
Terphenyl-d14
Concen: 130.430 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 656024

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.4	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion:264 Resp: 69545

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.6	26.4
265	21.1	16.6	24.8