Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117314.D
Acq On : 2 Oct 2019 21:50
Operator : JU
Sample : K5095-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 01:33:19 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	6.81	152	21827	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	91173	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	48133	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	79893	20.00	ng	0.00
76) Chrysene-d12	13.97	240	57265	20.00	ng	0.00
87) Perylene-d12	15.43	264	52276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	20969	15.00	ng	0.00
7) Phenol-d6	6.46	99	22212	12.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	24320	14.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	10290	25.58	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	51387	16.69	ng	-0.01
79) Terphenyl-d14	12.91	244	60372	19.71	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	2244	Below Cal	#	1
18) Hexachloroethane	7.34	117	1777	2.674	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	2553	2.320	ng	# 81
22) Acetophenone	7.20	105	7674	3.313	ng	# 54
25) Isophorone	7.37	82	24320	7.916	ng	# 66
31) Naphthalene	8.11	128	10894	2.484	ng	100
36) 4-Chloro-3-methylphenol	8.75	107	3117	2.186	ng	# 22
50) Dimethylphthalate	9.56	163	9517	2.793	ng	# 95
51) 2,6-Dinitrotoluene	9.85	165	6097	8.784	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	6097	6.767	ng	# 18

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

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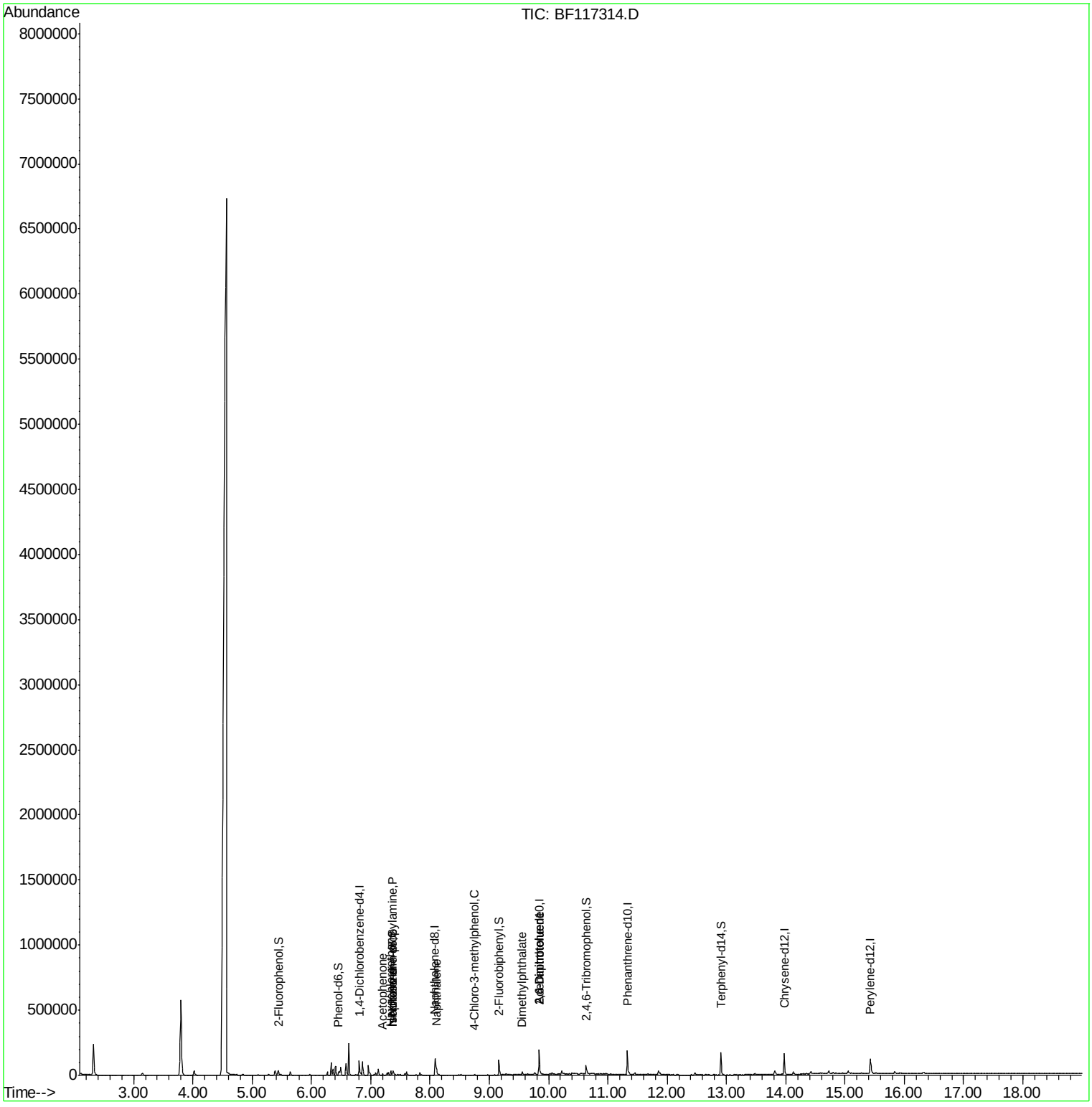
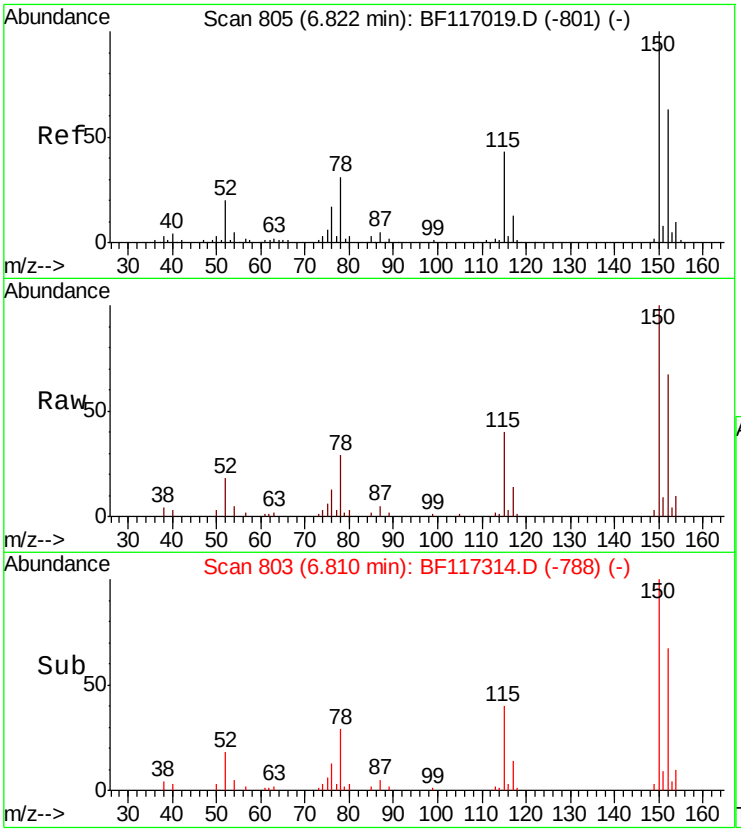
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



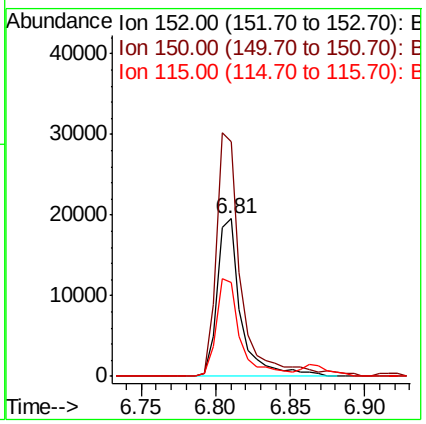


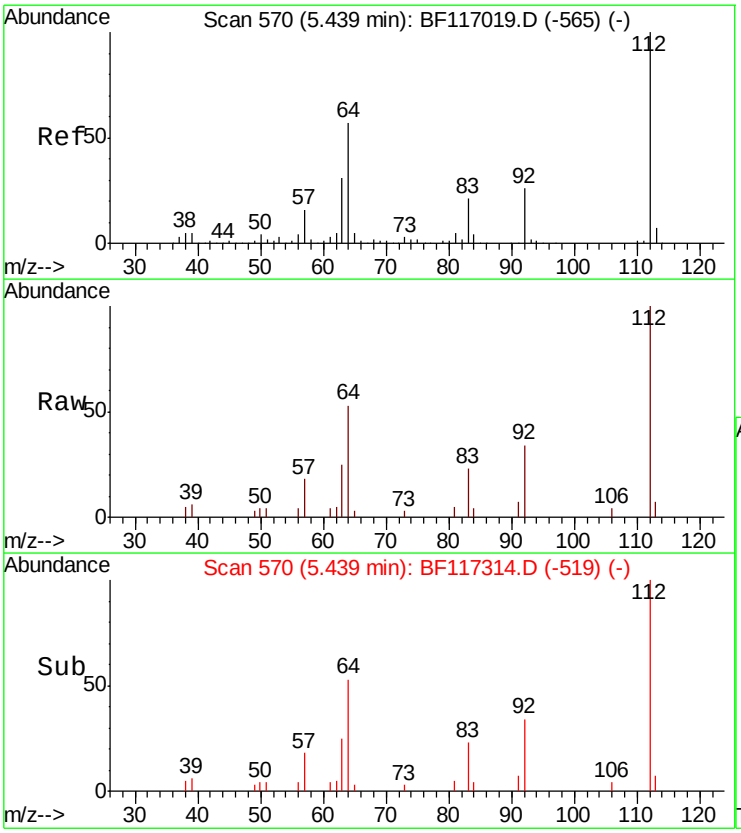
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 21827

Ion	Ratio	Lower	Upper
152	100		
150	149.2	127.5	191.3
115	59.7	55.0	82.4

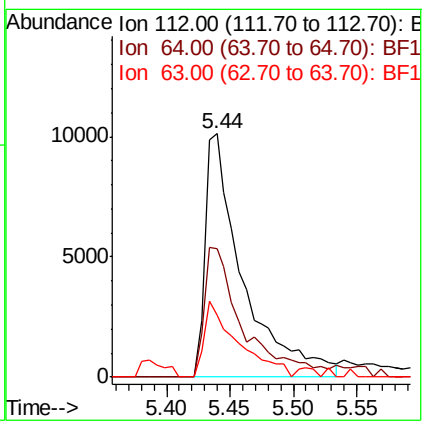


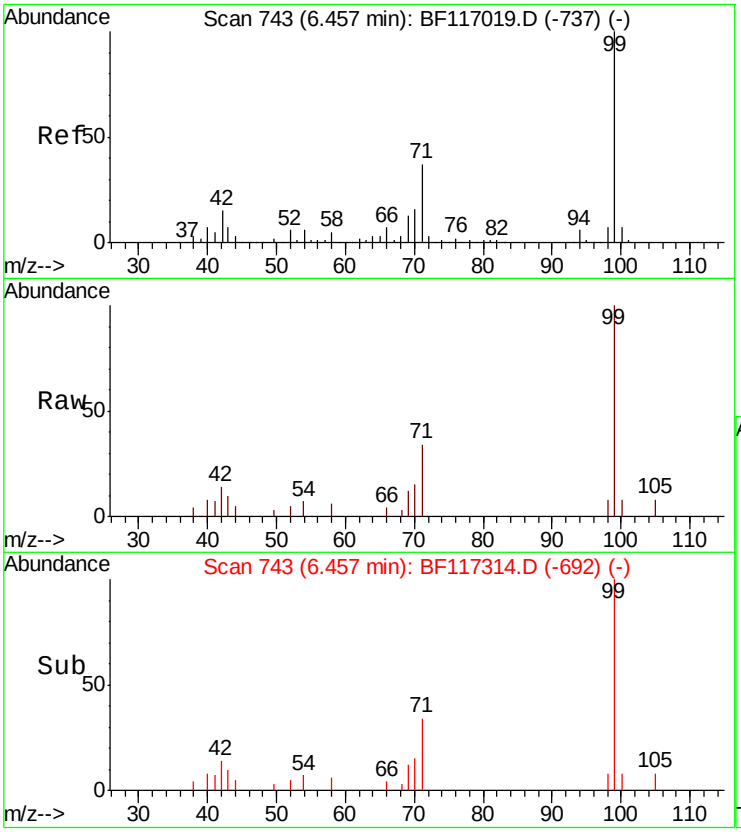


#5
2-Fluorophenol
Concen: 14.999 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion:112 Resp: 20969

Ion	Ratio	Lower	Upper
112	100		
64	52.9	45.7	68.5
63	25.3	24.9	37.3



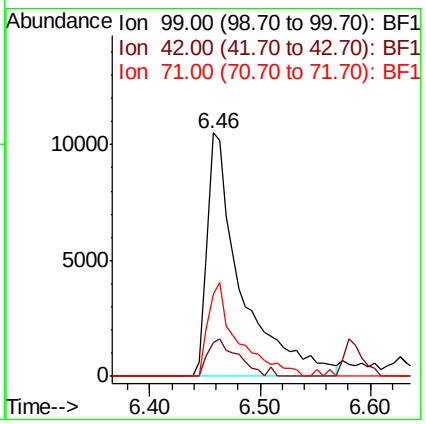


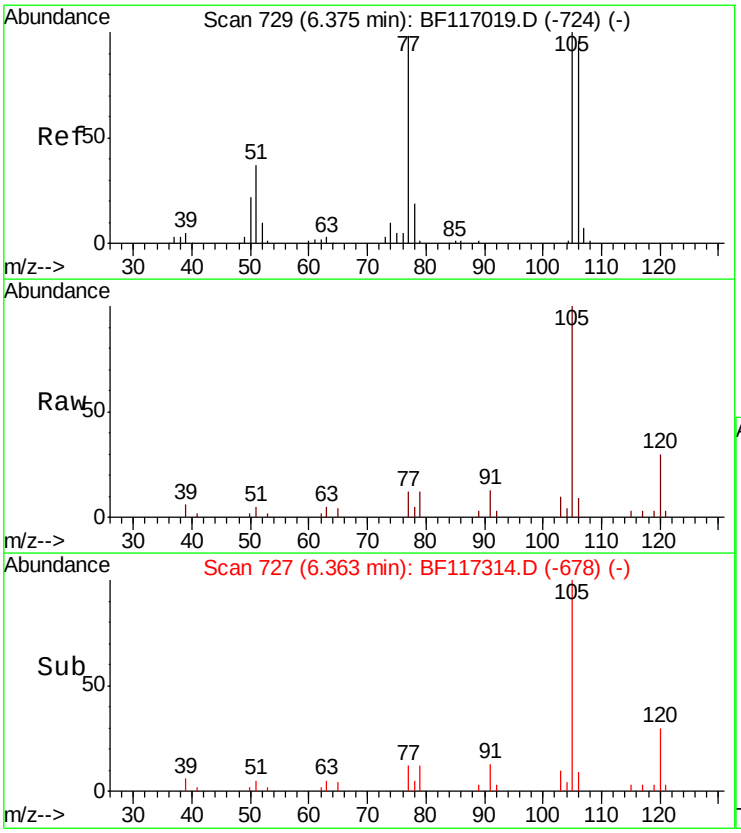
#7
Phenol-d6
Concen: 12.294 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 22212

Ion	Ratio	Lower	Upper
99	100		
42	13.7	12.2	18.2
71	34.0	29.8	44.8

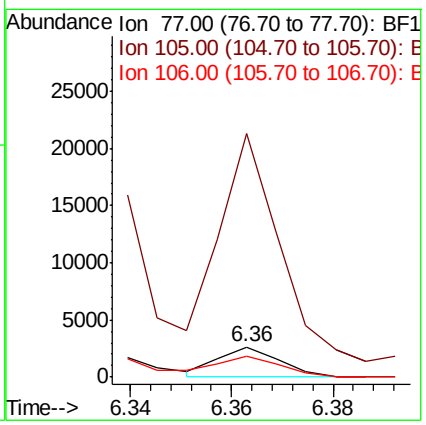


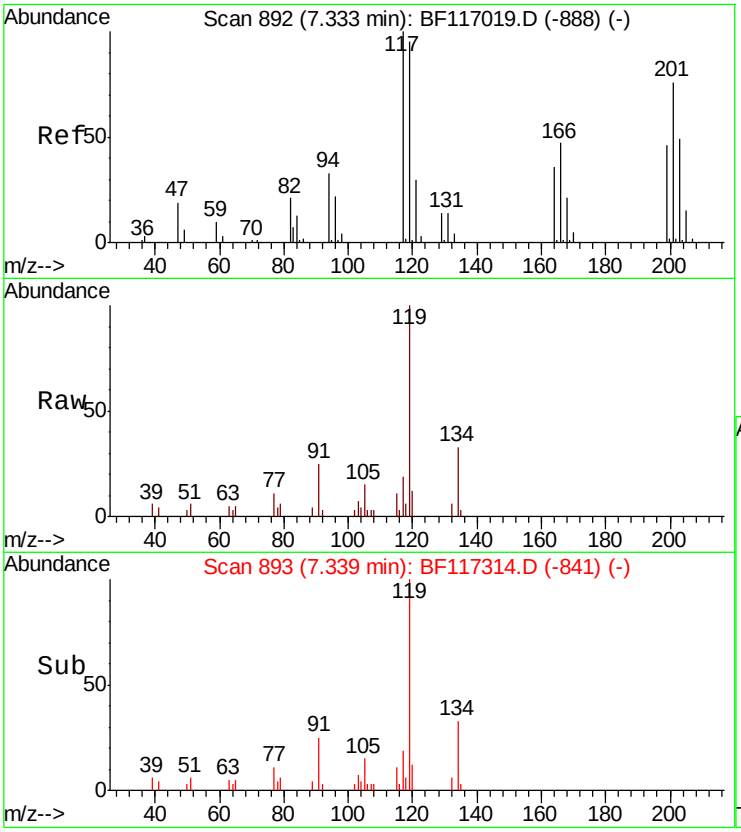


#9
Benzaldehyde
Concen: Below Cal
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion: 77 Resp: 2244

Ion	Ratio	Lower	Upper
77	100		
105	811.3	81.8	121.8#
106	69.2	77.3	117.3#



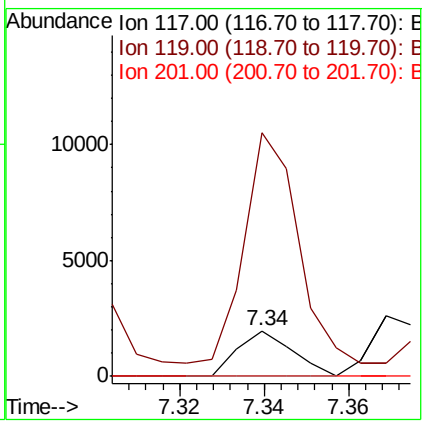


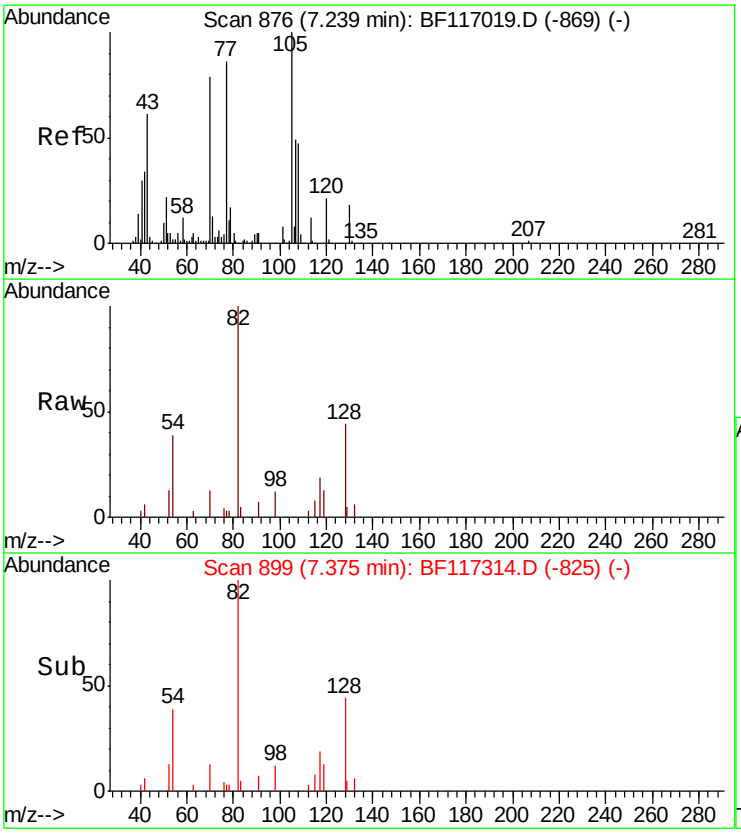
#18
Hexachloroethane
Concen: 2.674 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 1777

Ion	Ratio	Lower	Upper
117	100		
119	534.1	75.8	113.8#
201	0.0	60.9	91.3#

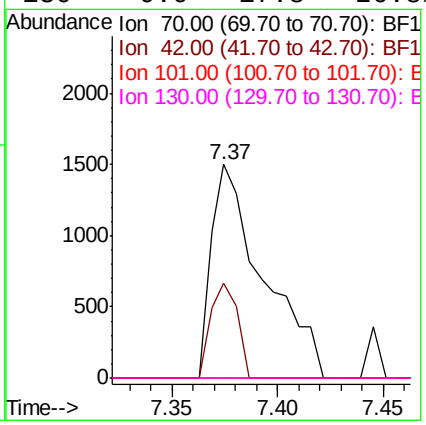


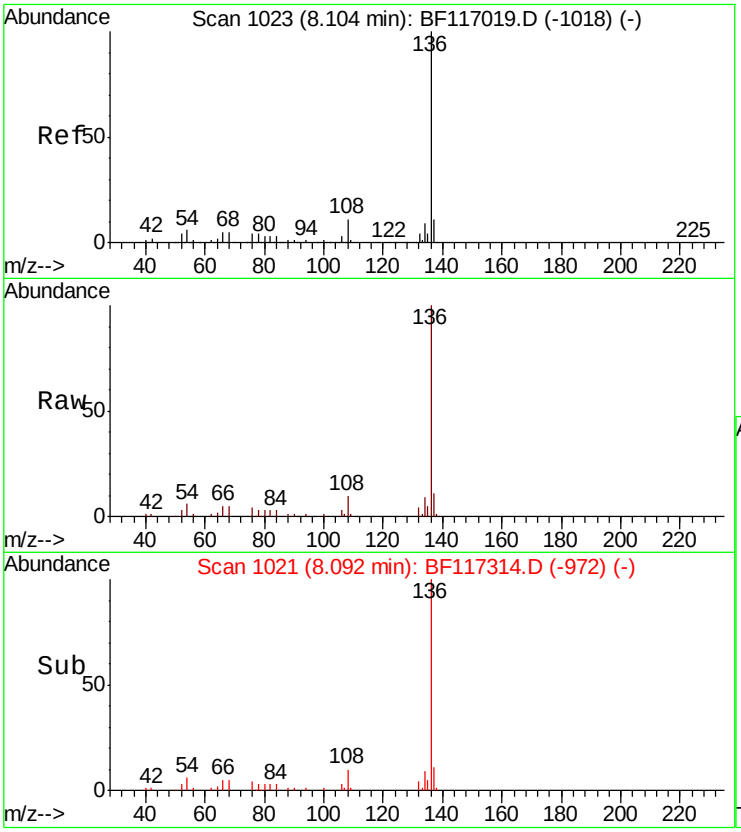


#19
n-Nitroso-di-n-propylamine
Concen: 2.320 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion: 70 Resp: 2553

Ion	Ratio	Lower	Upper
70	100		
42	44.3	34.0	51.0
101	0.0	7.8	11.6#
130	0.0	17.8	26.8#



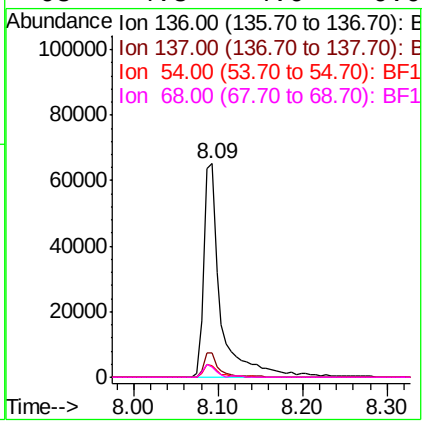


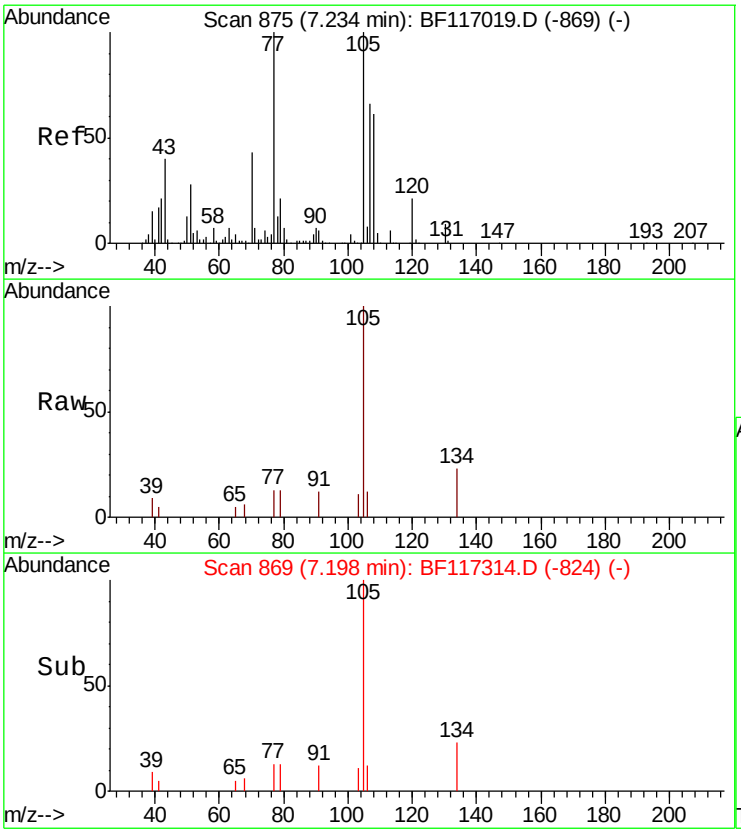
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 91173

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.6	4.5	6.7
68	4.8	4.0	6.0

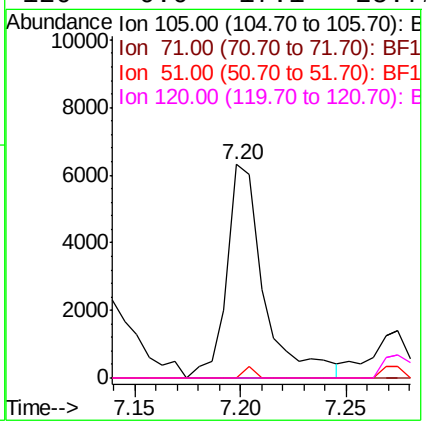


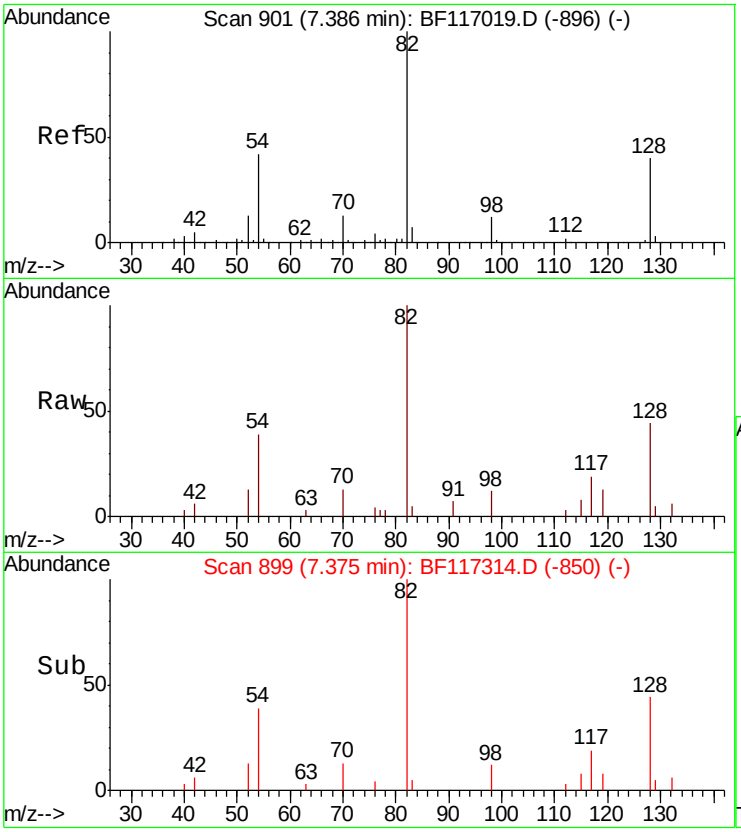


#22
Acetophenone
Concen: 3.313 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.04 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion:105 Resp: 7674

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.7	8.5#
51	0.0	22.1	33.1#
120	0.0	17.1	25.7#



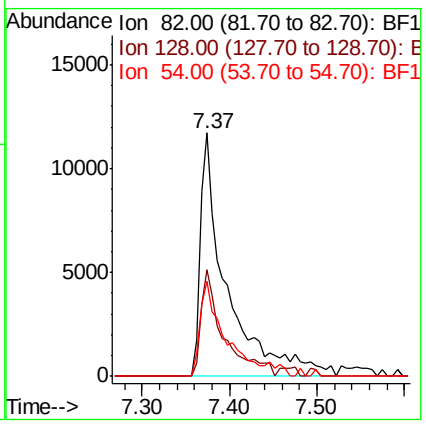


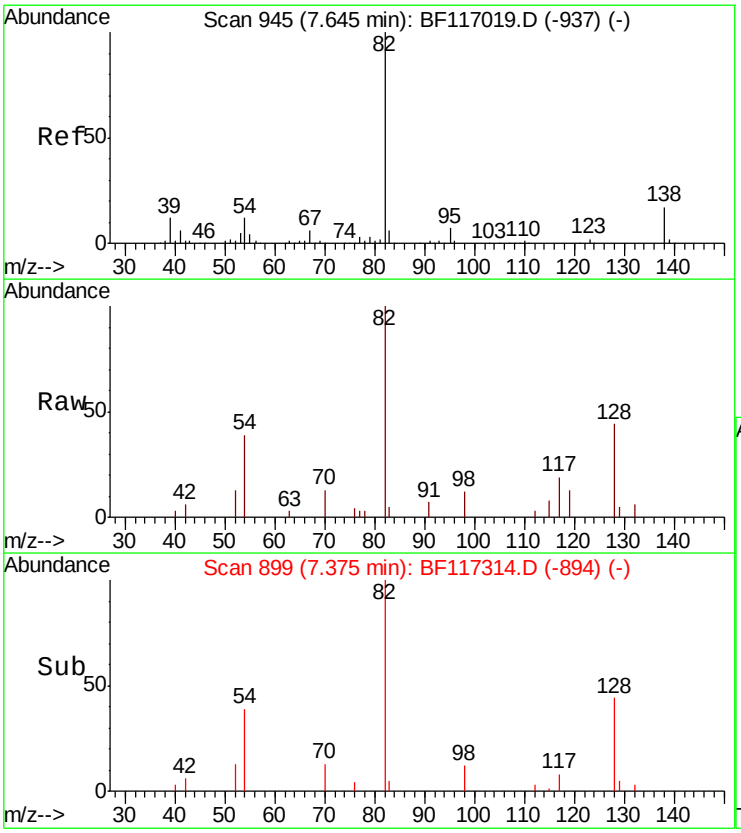
#23
Nitrobenzene-d5
Concen: 14.015 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 24320

Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.3	48.5
54	38.9	33.3	49.9

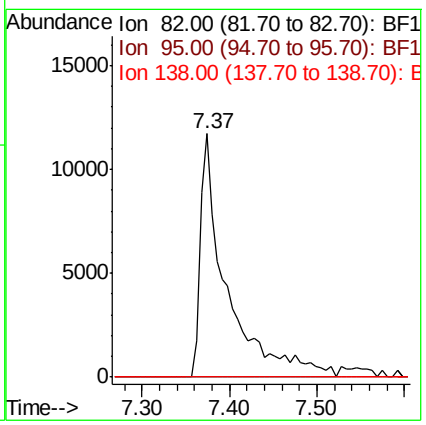


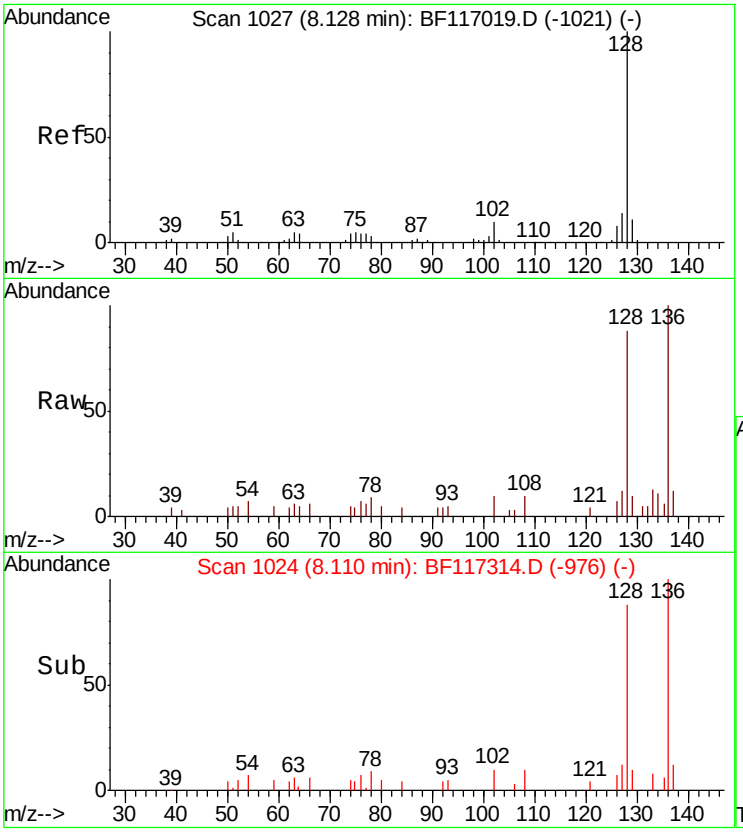


#25
Isophorone
Concen: 7.916 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.27 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion: 82 Resp: 24320

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



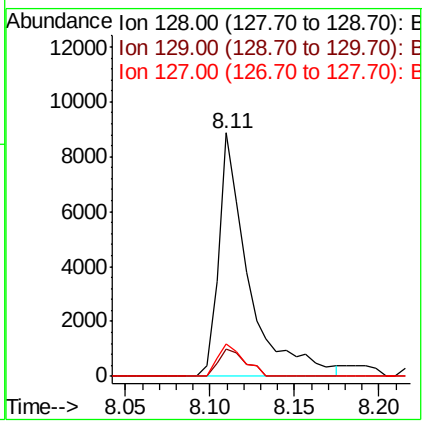


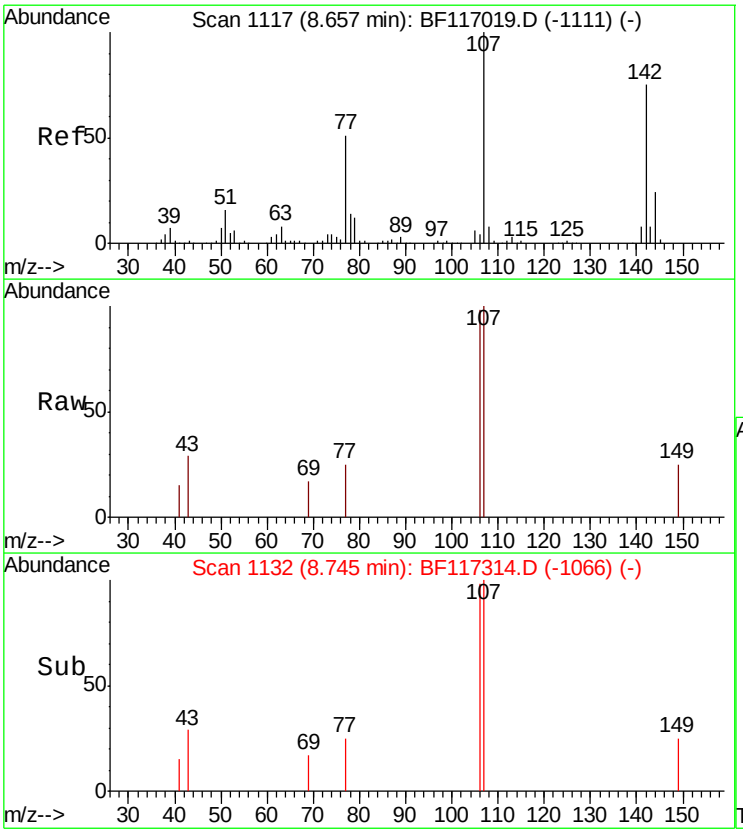
#31
Naphthalene
Concen: 2.484 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 10894

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.6	10.8	16.2

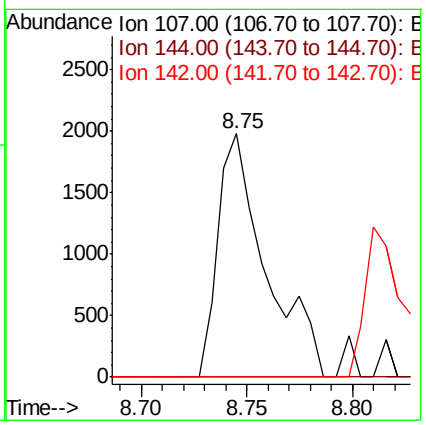


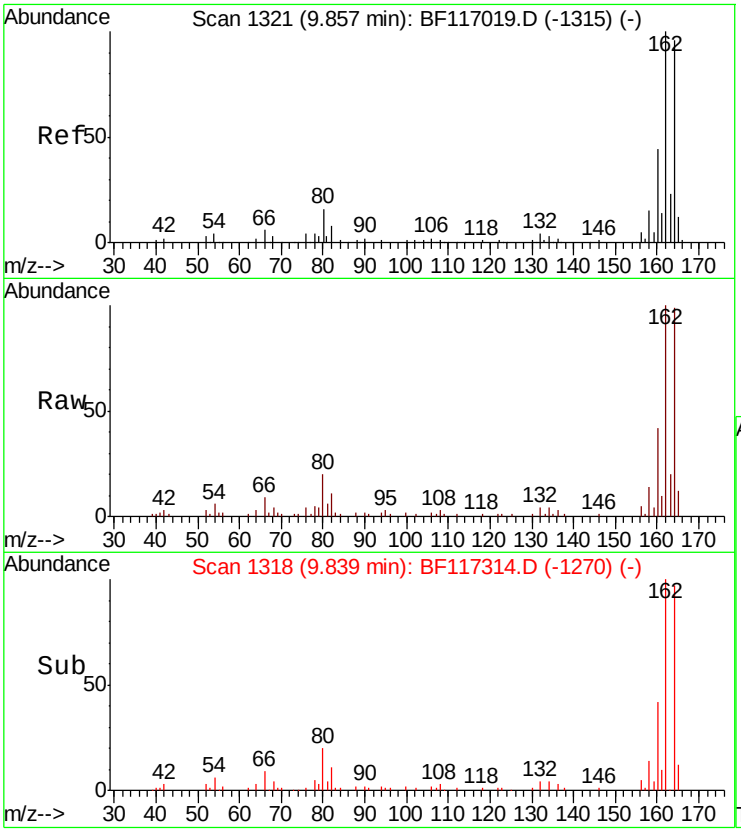


#36
4-Chloro-3-methylphenol
Concen: 2.186 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.09 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion:107 Resp: 3117

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.2	28.8#
142	0.0	59.6	89.4#



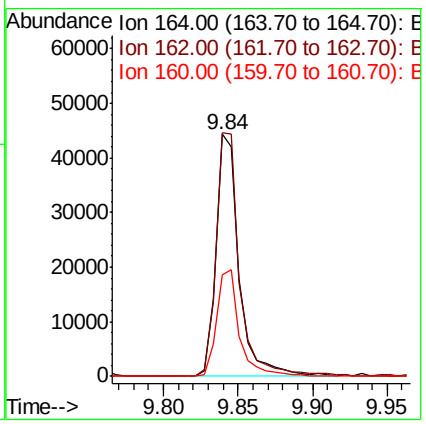


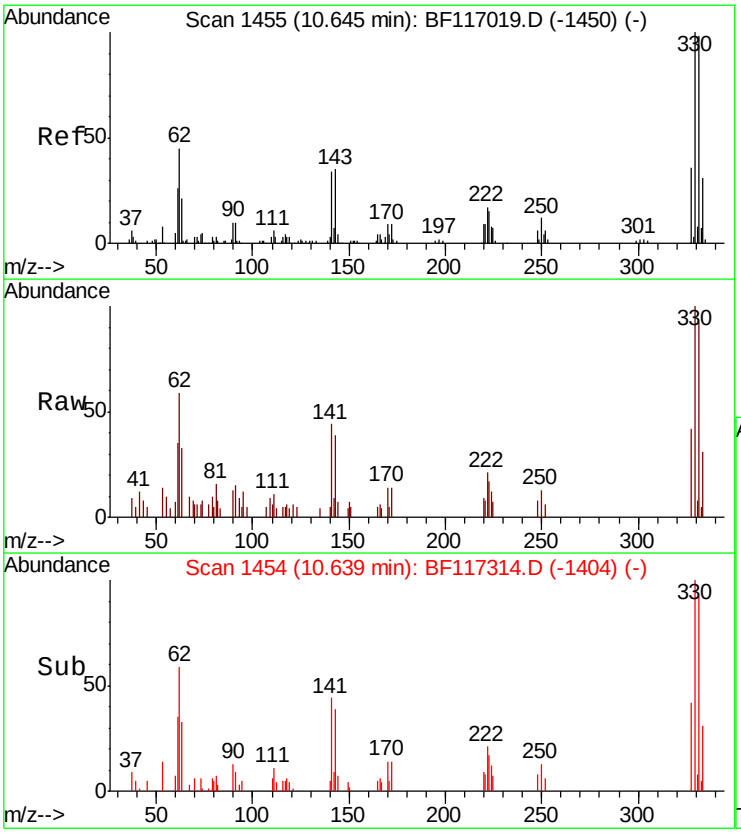
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 48133

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.4	125.2
160	42.1	36.4	54.6

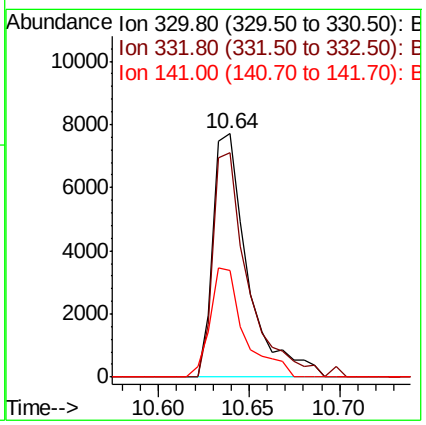


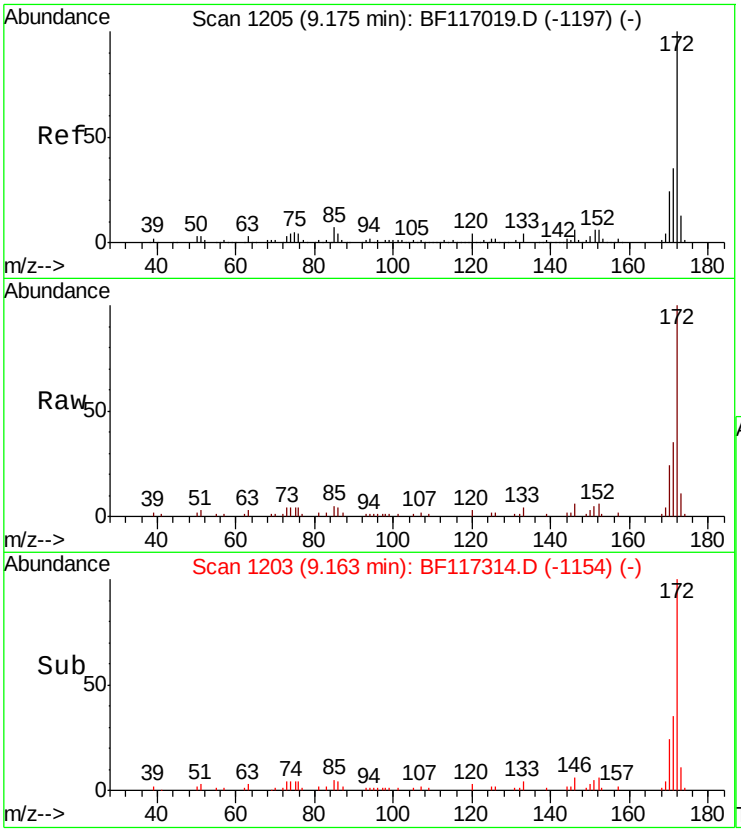


#42
2,4,6-Tribromophenol
Concen: 25.579 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion:330 Resp: 10290

Ion	Ratio	Lower	Upper
330	100		
332	93.2	78.0	117.0
141	43.9	35.8	53.6



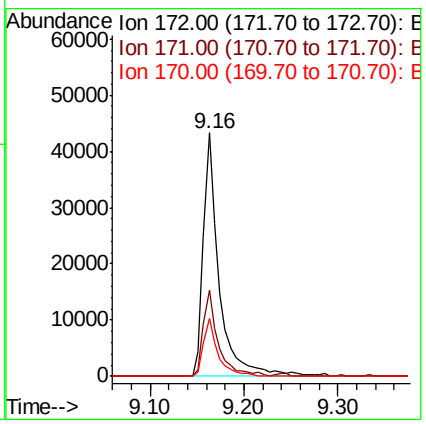


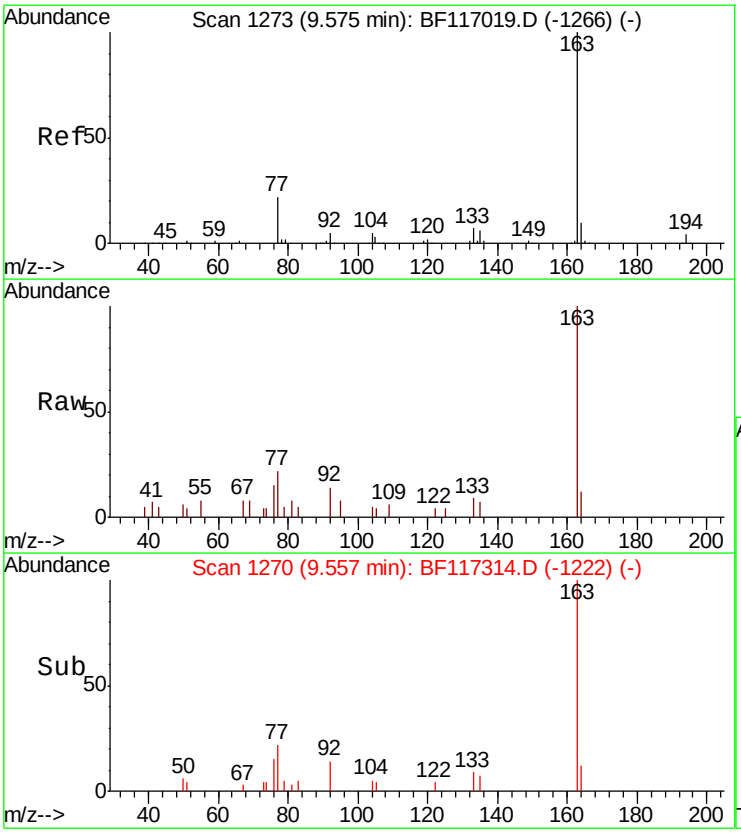
#45
2-Fluorobiphenyl
Concen: 16.693 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 51387

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	23.9	18.9	28.3

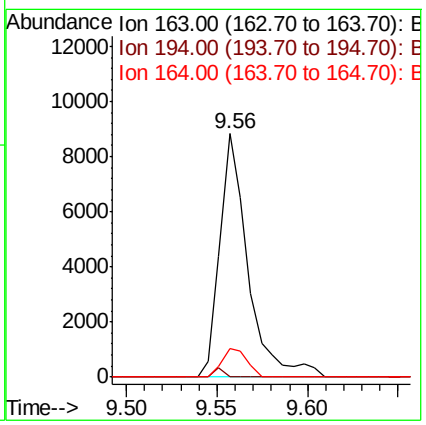


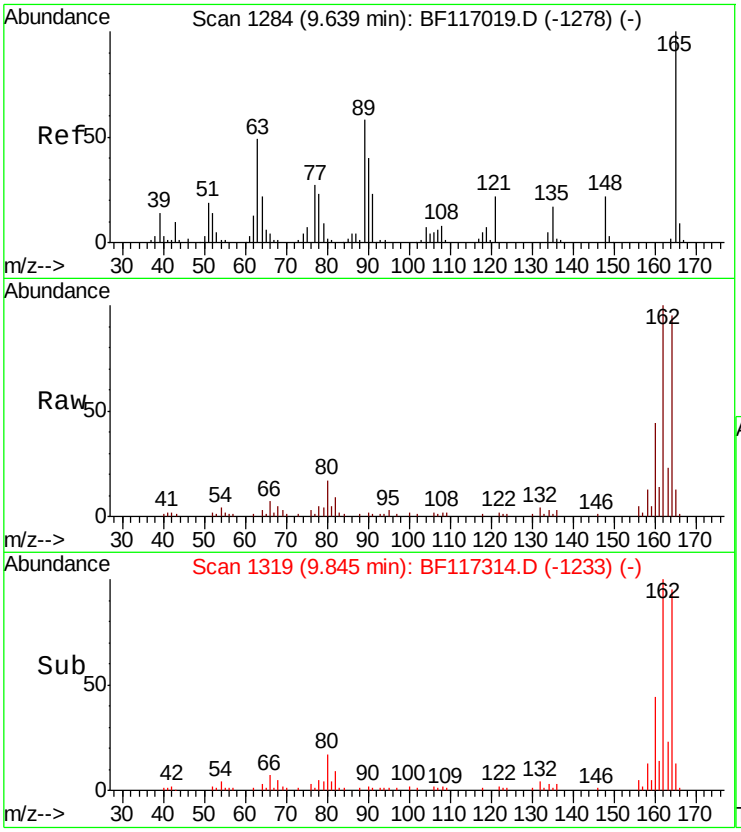


#50
Dimethylphthalate
Concen: 2.793 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion:163 Resp: 9517

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.9	4.3#
164	11.6	8.2	12.4



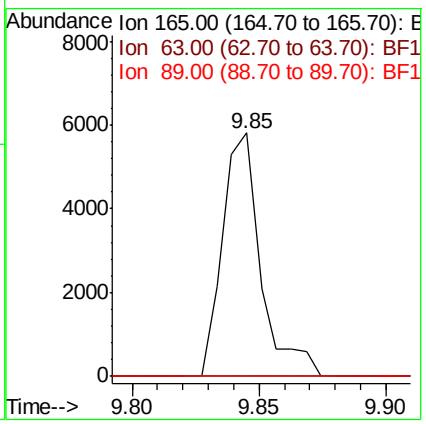


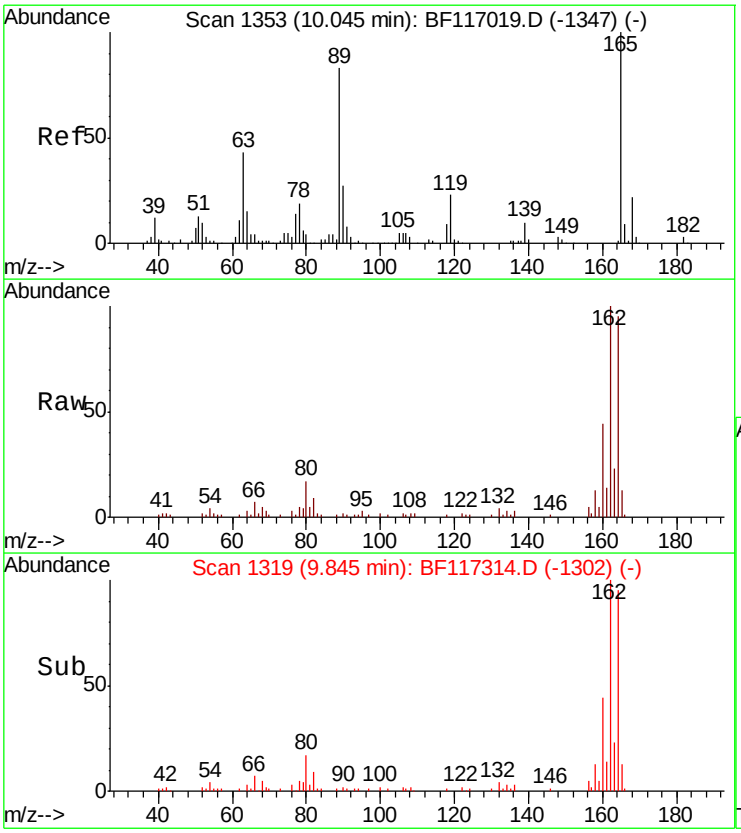
#51
2,6-Dinitrotoluene
Concen: 8.784 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 6097

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

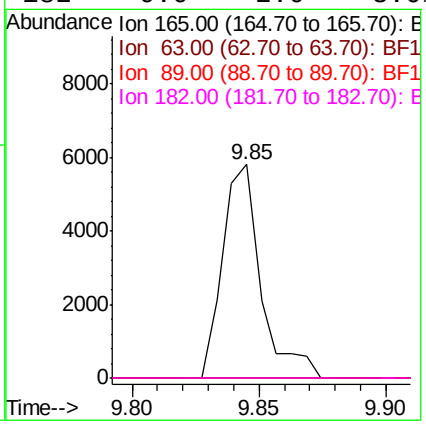


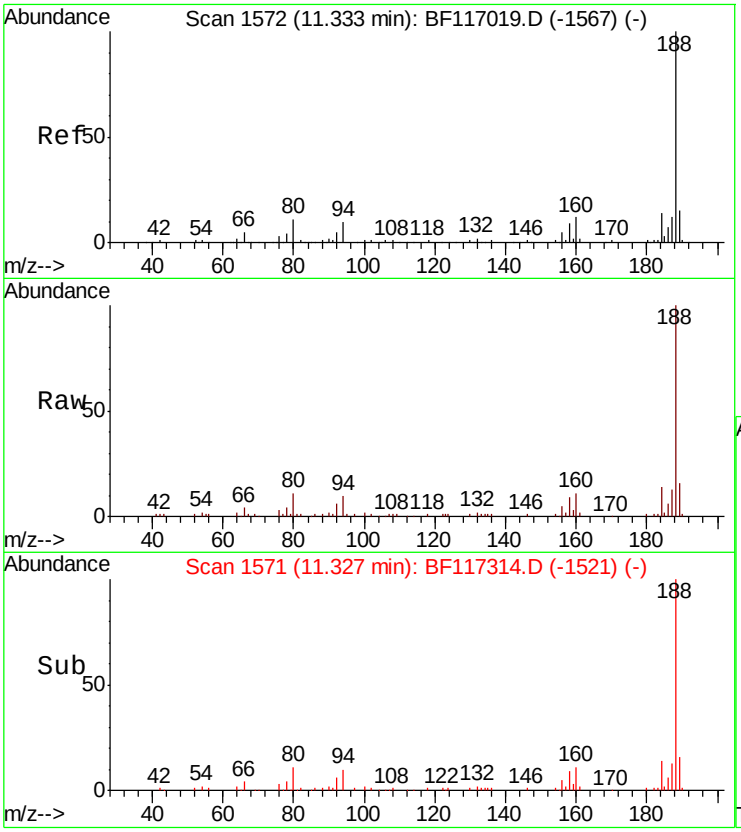


#57
2,4-Dinitrotoluene
Concen: 6.767 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion:165 Resp: 6097

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#



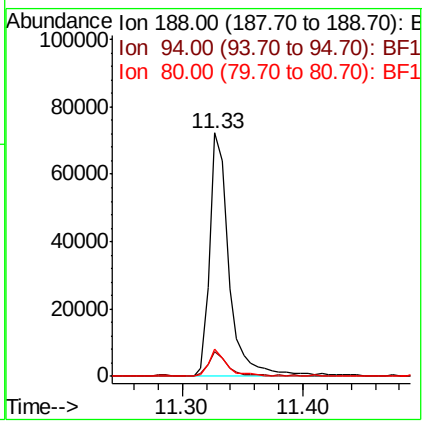


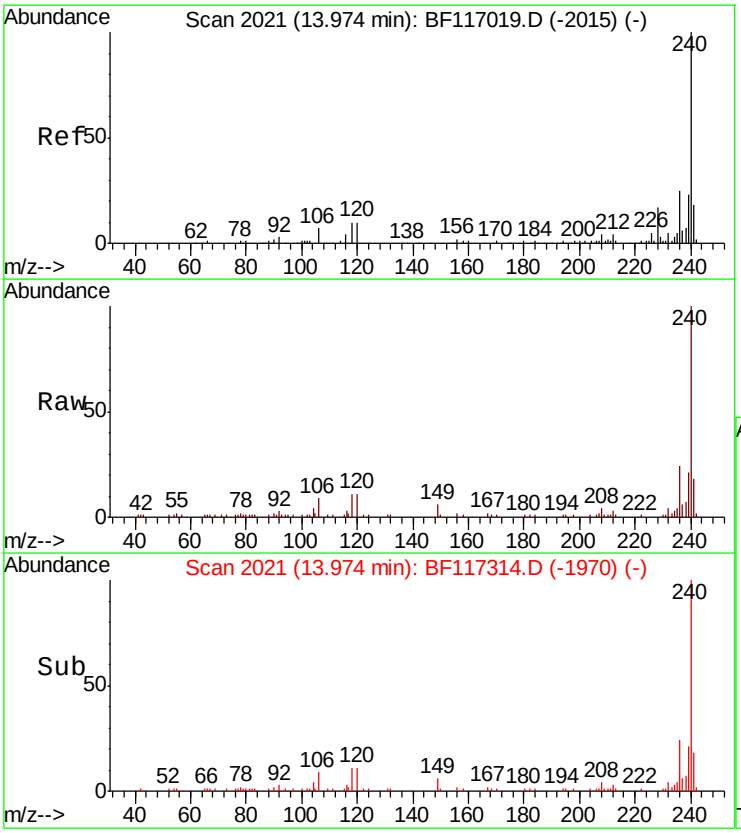
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 79893

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	11.3	9.0	13.6

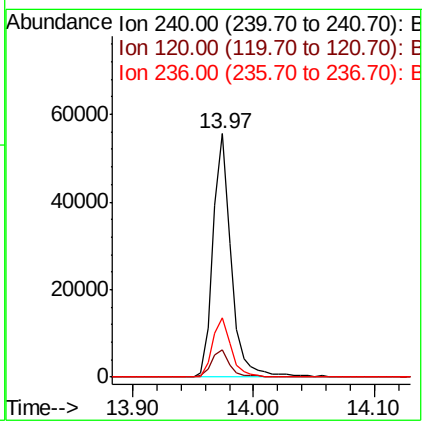


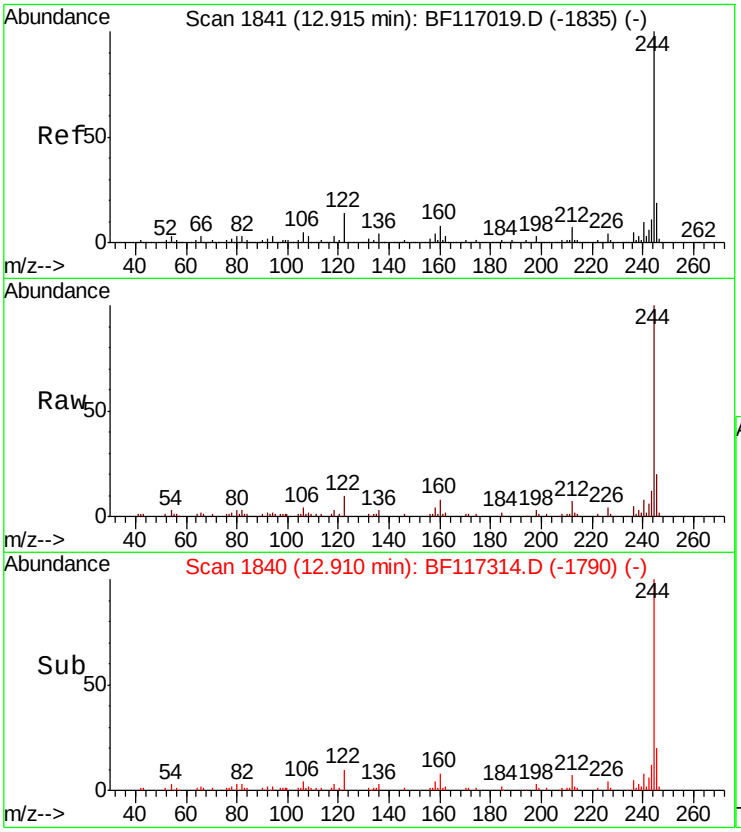


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion:240 Resp: 57265

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	24.5	20.3	30.5



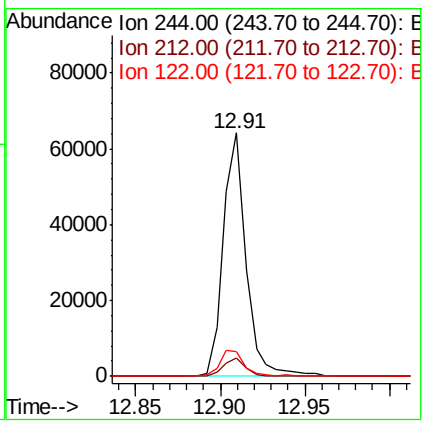


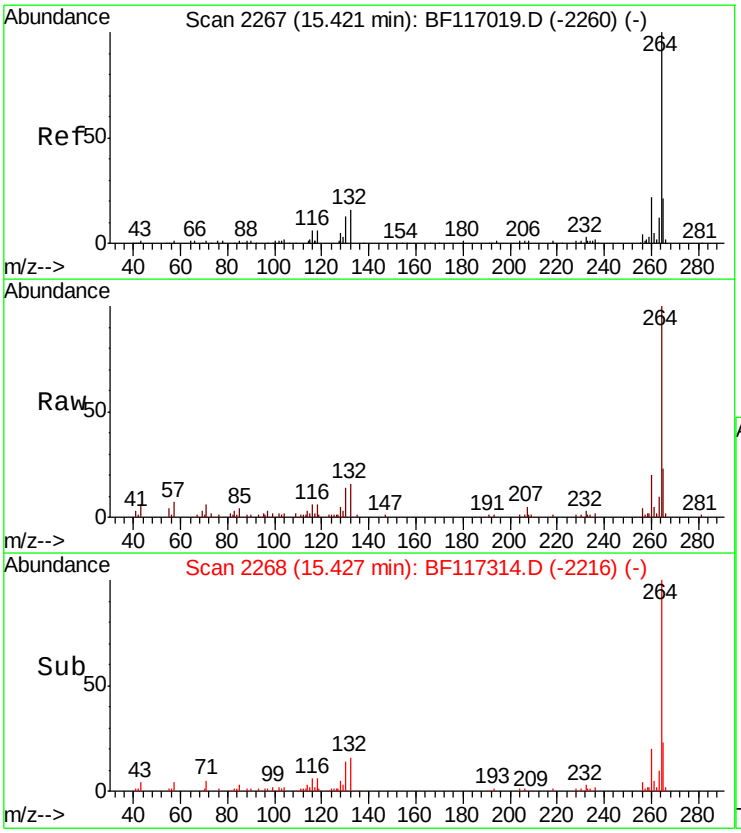
#79
Terphenyl-d14
Concen: 19.706 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 60372

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.3	11.3	16.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117314.D
Acq: 2 Oct 2019 21:50

Tgt Ion:264 Resp: 52276

Ion	Ratio	Lower	Upper
264	100		
260	20.2	17.6	26.4
265	23.0	16.6	24.8