Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117286.D
Acq On : 1 Oct 2019 19:35
Operator : JU
Sample : K4663-10 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 02 05:58:47 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	6.80	152	52032	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	206757	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	92067	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	117924	20.00	ng	0.00
76) Chrysene-d12	13.97	240	85265	20.00	ng	0.00
87) Perylene-d12	15.43	264	71745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	120386	36.12	ng	-0.01
7) Phenol-d6	6.45	99	164533	38.20	ng	-0.01
23) Nitrobenzene-d5	7.37	82	97424	24.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	22900	29.76	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	179225	30.44	ng	-0.01
79) Terphenyl-d14	12.91	244	116225	25.48	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	2997	Below Cal	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	12599	4.804	ng	# 81
25) Isophorone	7.37	82	97435	13.985	ng	# 66
50) Dimethylphthalate	9.56	163	33560	5.148	ng	99
51) 2,6-Dinitrotoluene	9.84	165	11471	8.640	ng	# 24
57) 2,4-Dinitrotoluene	9.84	165	11471	6.656	ng	# 18
75) Fluoranthene	12.54	202	32189	4.677	ng	97
78) Pyrene	12.77	202	32529	4.547	ng	99
81) Benzo(a)anthracene	13.96	228	17547	3.080	ng	# 91
83) Chrysene	14.00	228	19313	3.476	ng	# 92
88) Benzo(b)fluoranthene	15.01	252	23871	5.493	ng	# 85
89) Benzo(k)fluoranthene	15.01	252	23871	5.799	ng	# 85
90) Benzo(a)pyrene	15.37	252	12540	3.288	ng	# 87
92) Benzo(g,h,i)perylene	17.32	276	6810	2.249	ng	# 94

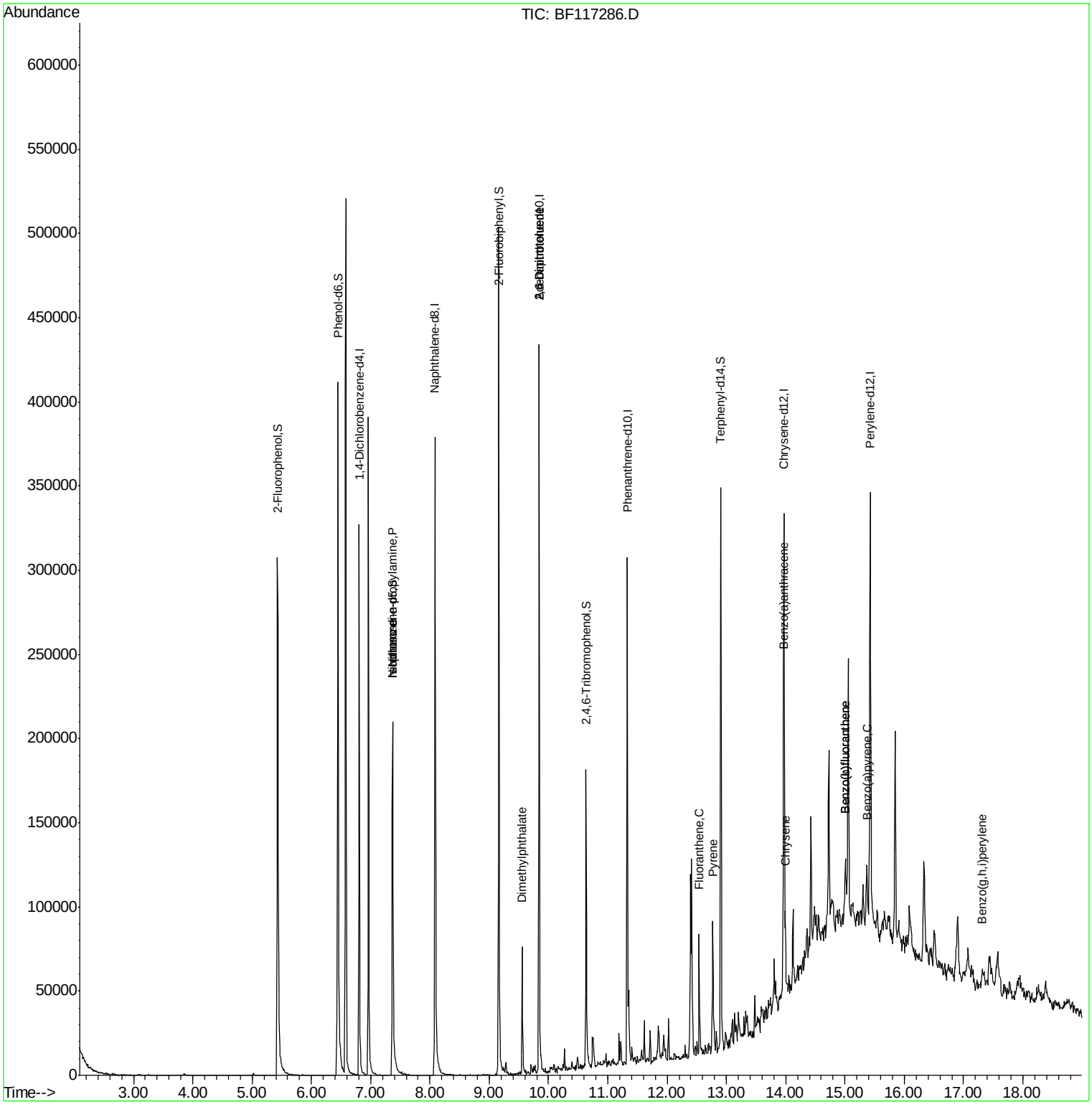
(#) = qualifier out of range (m) = manual integration (+) = signals summed

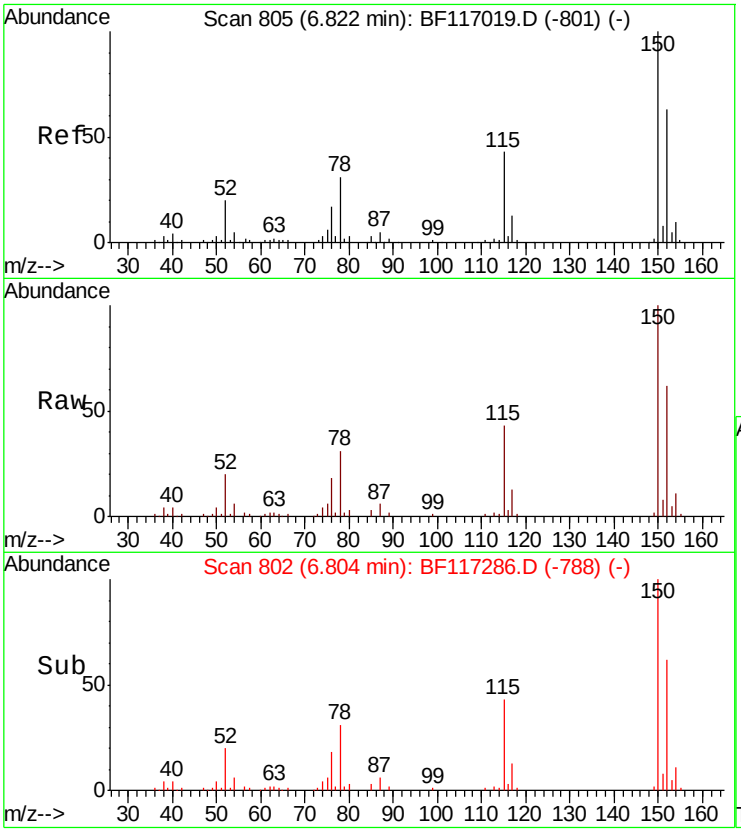
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
Data File : BF117286.D
Acq On : 1 Oct 2019 19:35
Operator : JU
Sample : K4663-10 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 02 05:58:47 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



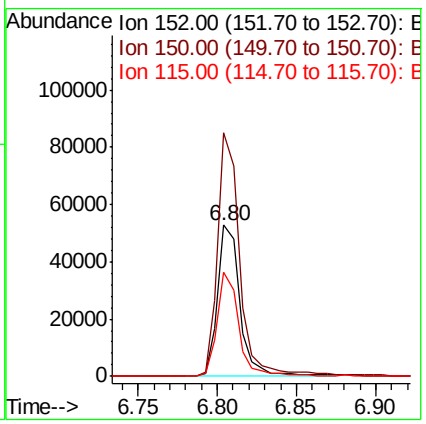


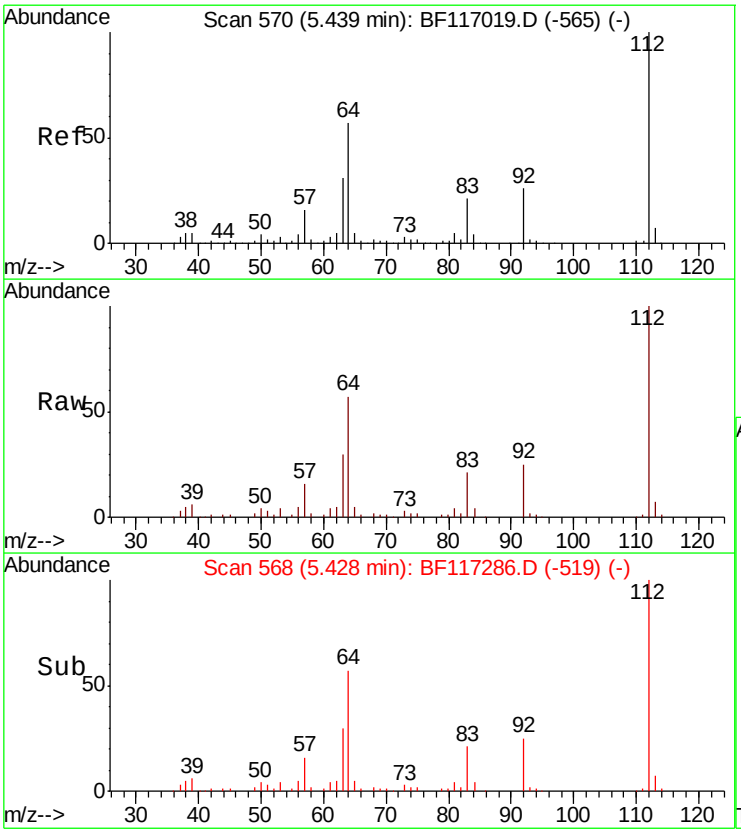
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 52032

Ion	Ratio	Lower	Upper
152	100		
150	161.1	127.5	191.3
115	68.9	55.0	82.4

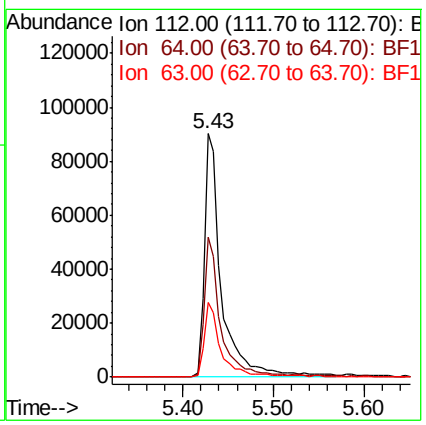


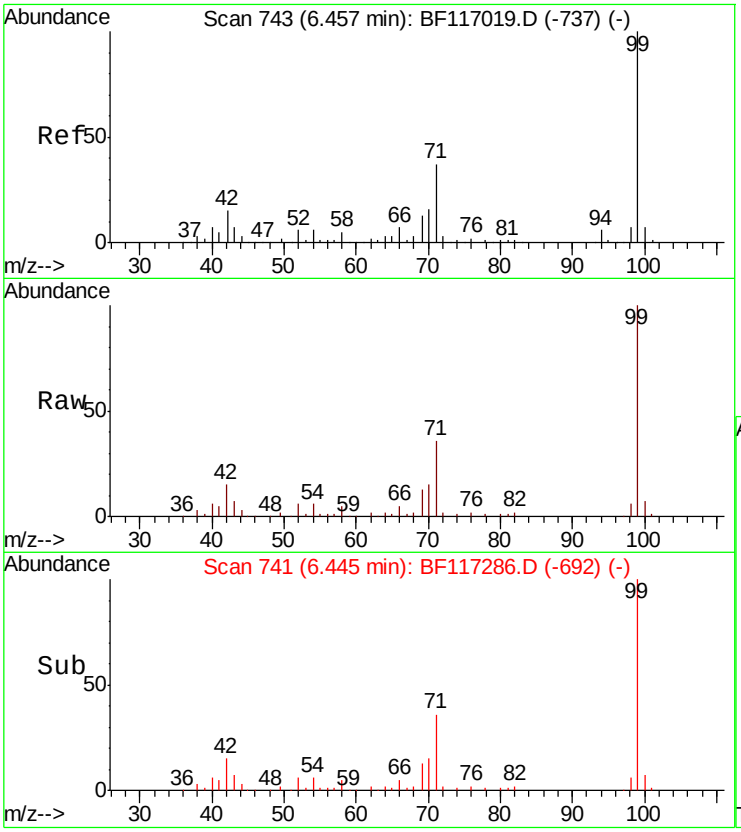


#5
2-Fluorophenol
Concen: 36.122 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:112 Resp: 120386

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.7	68.5
63	30.5	24.9	37.3



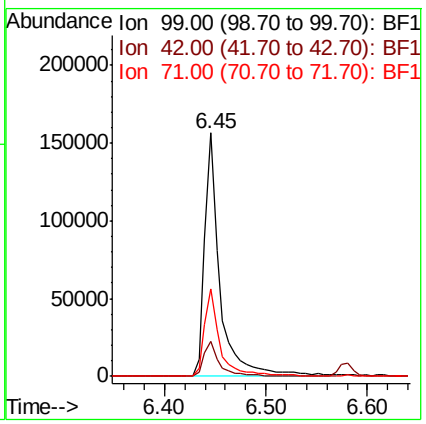


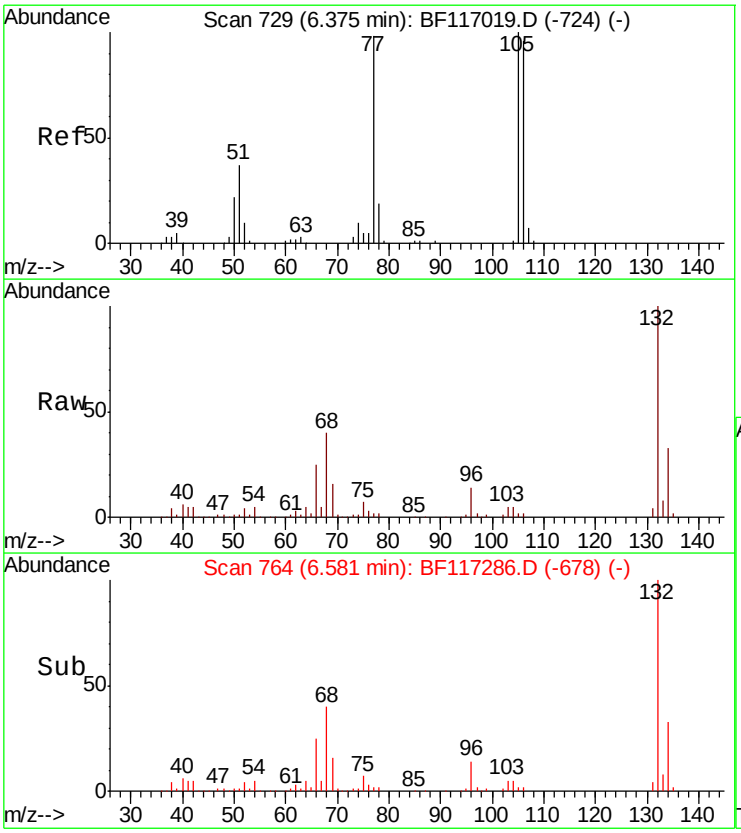
#7
Phenol-d6
Concen: 38.201 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 164533

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.2	18.2
71	36.0	29.8	44.8

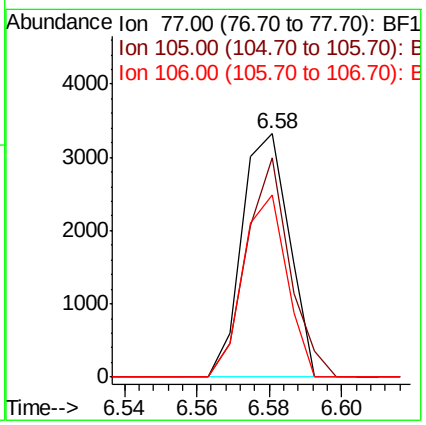


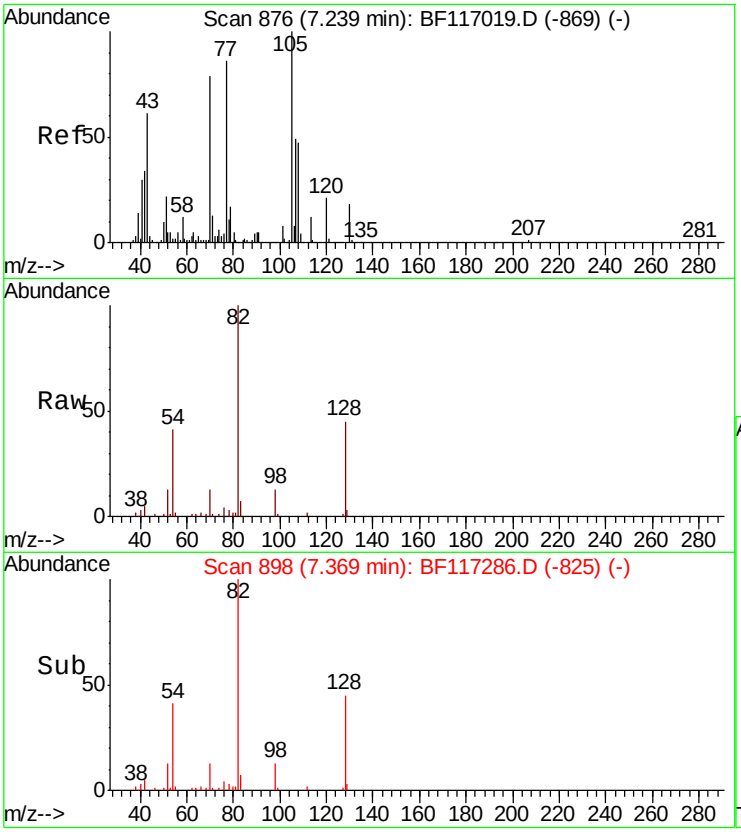


#9
Benzaldehyde
Concen: Below Cal
RT: 6.58 min Scan# 764
Delta R.T. 0.21 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion: 77 Resp: 2997

Ion	Ratio	Lower	Upper
77	100		
105	90.1	81.8	121.8
106	75.1	77.3	117.3#



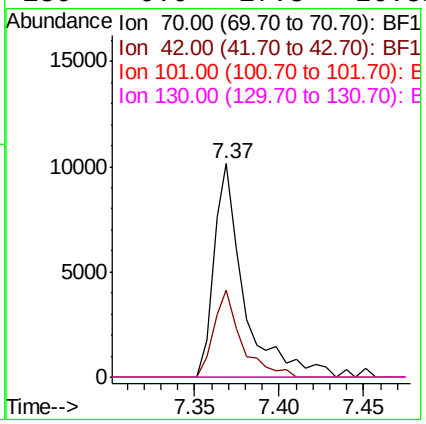


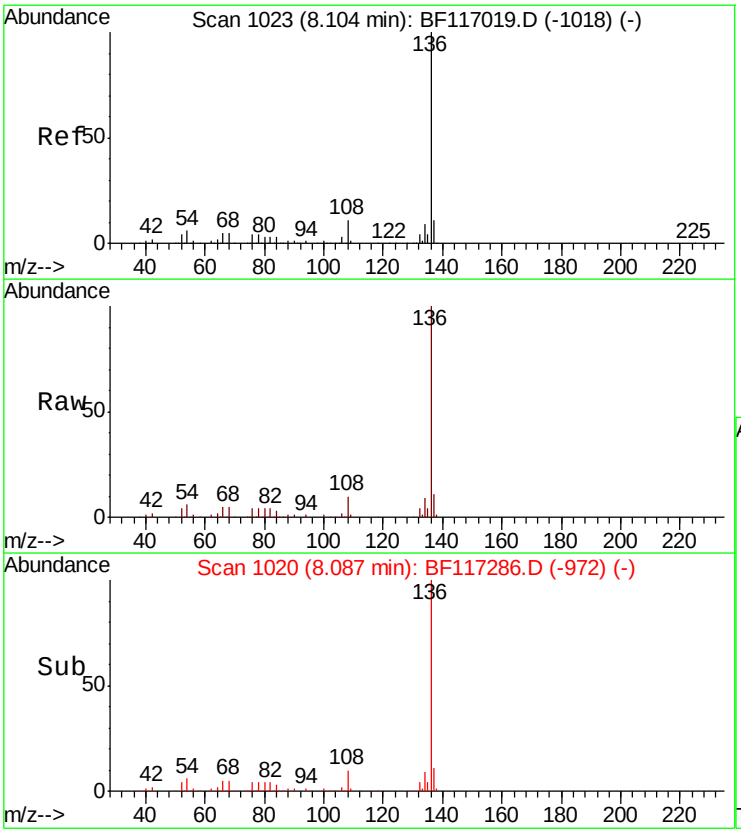
#19
n-Nitroso-di-n-propylamine
Concen: 4.804 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 12599

Ion	Ratio	Lower	Upper
70	100		
42	41.1	34.0	51.0
101	0.0	7.8	11.6#
130	0.0	17.8	26.8#

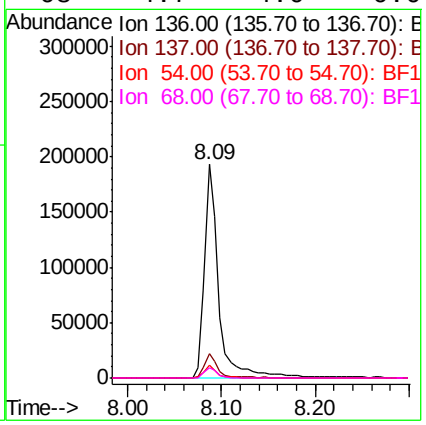


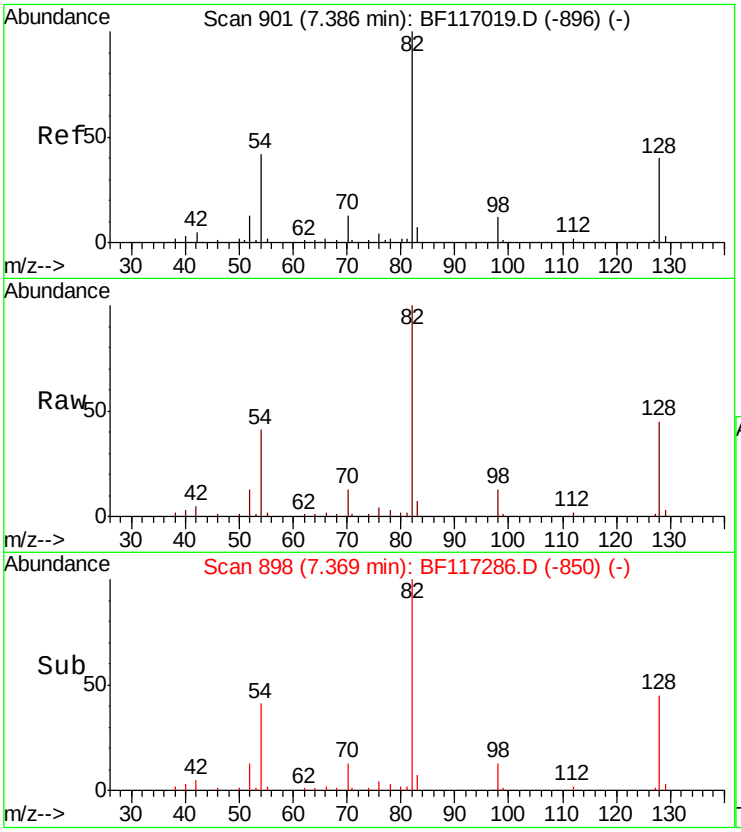


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:136 Resp: 206757

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.9	4.5	6.7
68	4.7	4.0	6.0



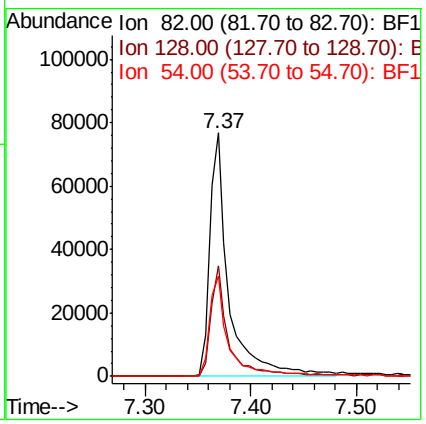


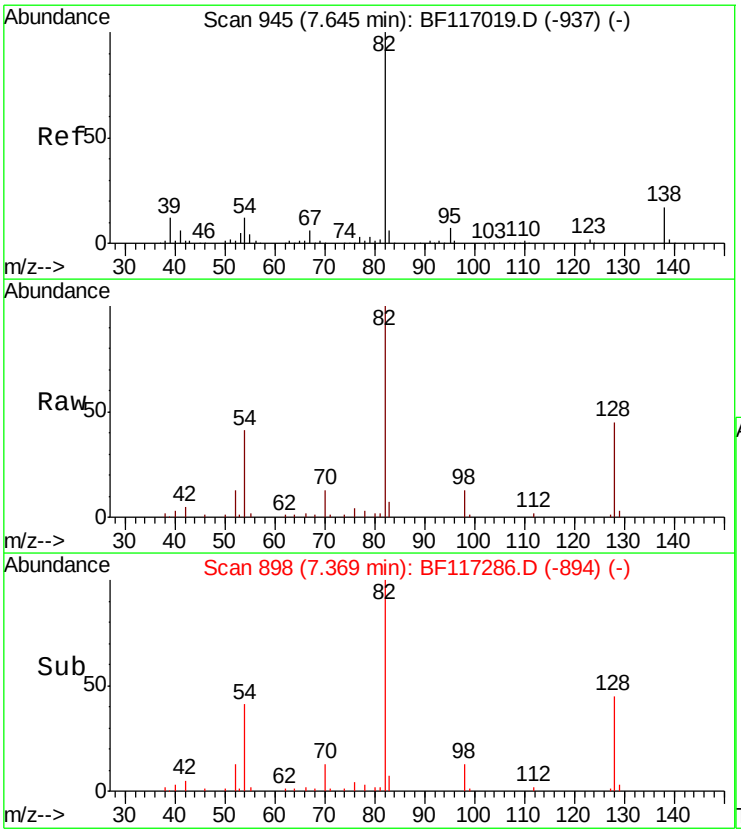
#23
Nitrobenzene-d5
Concen: 24.758 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 97424

Ion	Ratio	Lower	Upper
82	100		
128	45.4	32.3	48.5
54	40.9	33.3	49.9

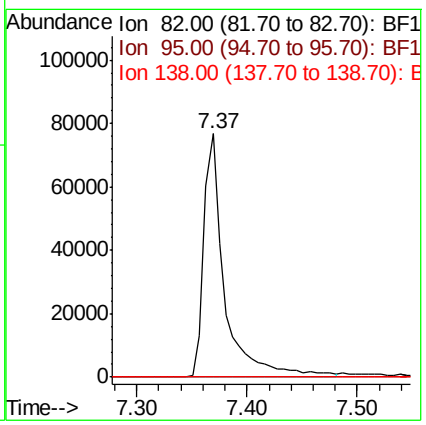


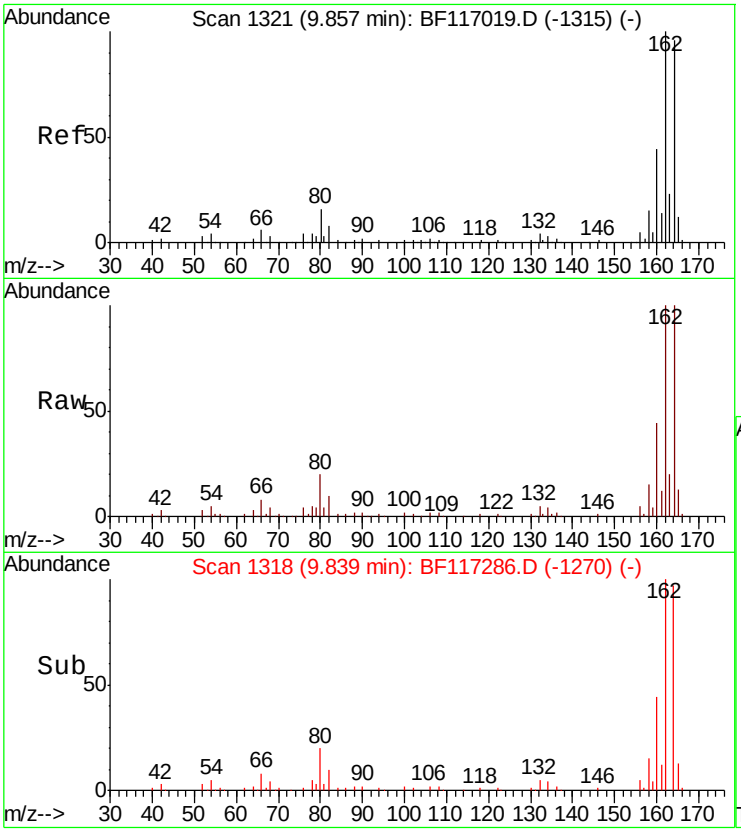


#25
Isophorone
Concen: 13.985 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion: 82 Resp: 97435

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



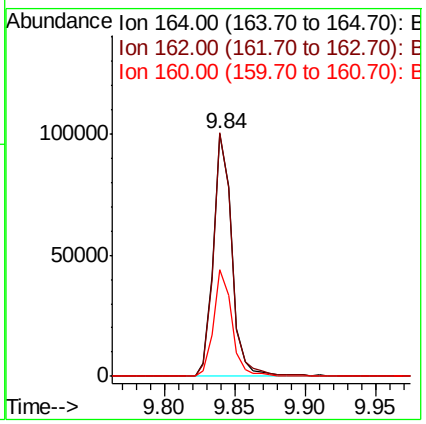


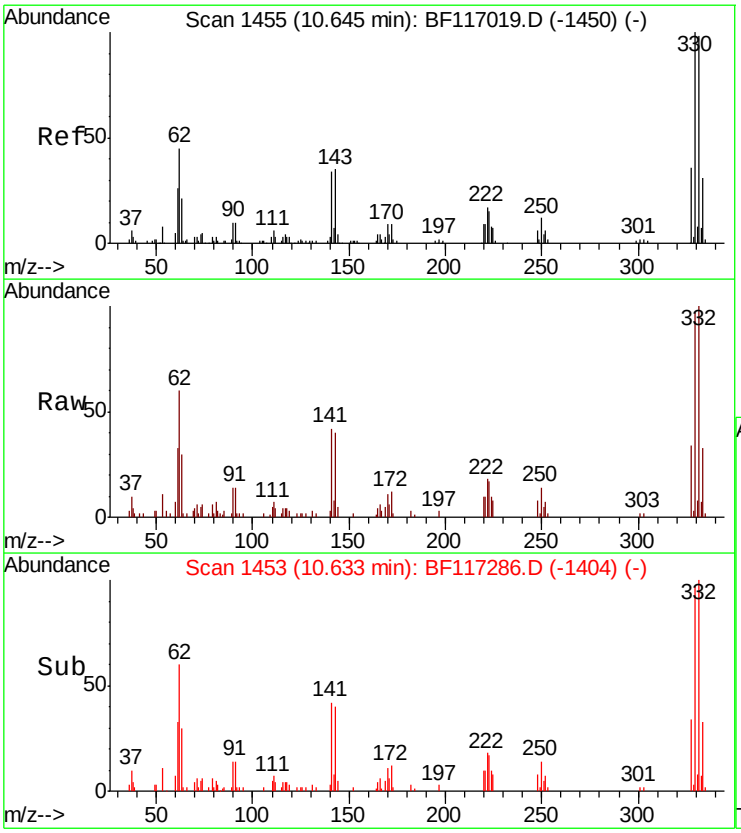
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 92067

Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.4	125.2
160	44.2	36.4	54.6

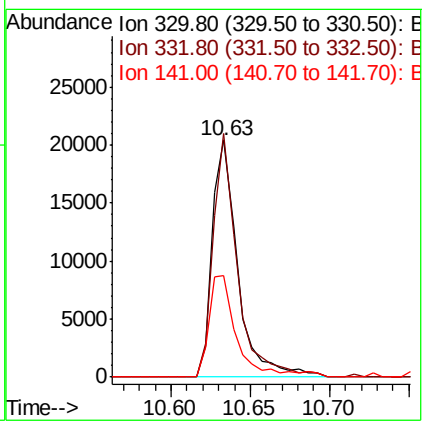


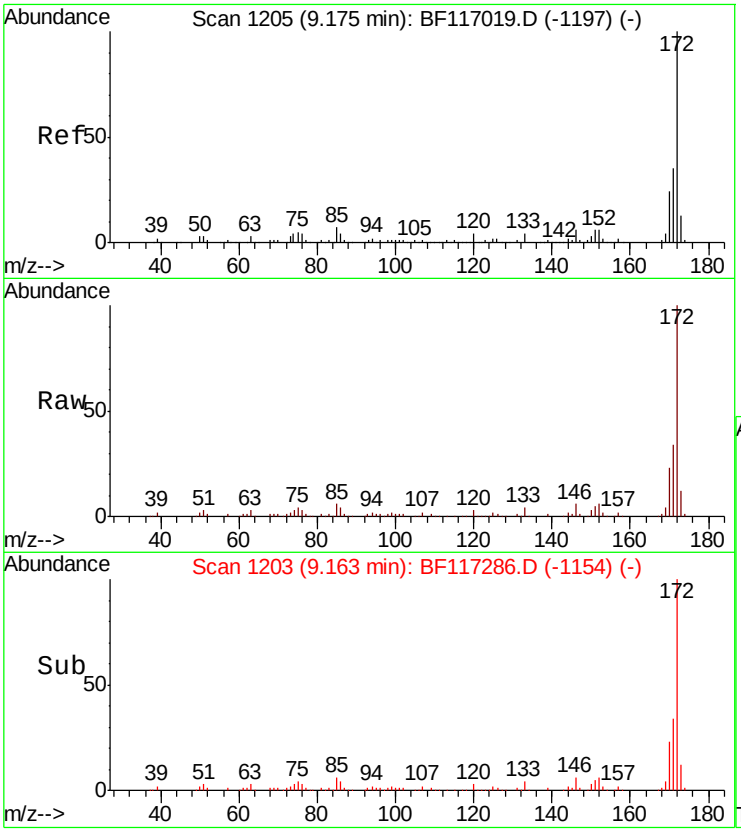


#42
2,4,6-Tribromophenol
Concen: 29.761 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:330 Resp: 22900

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	46.8	35.8	53.6



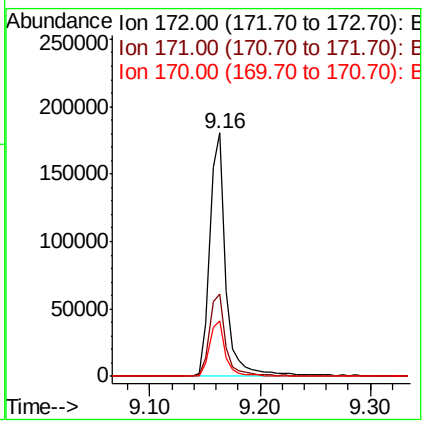


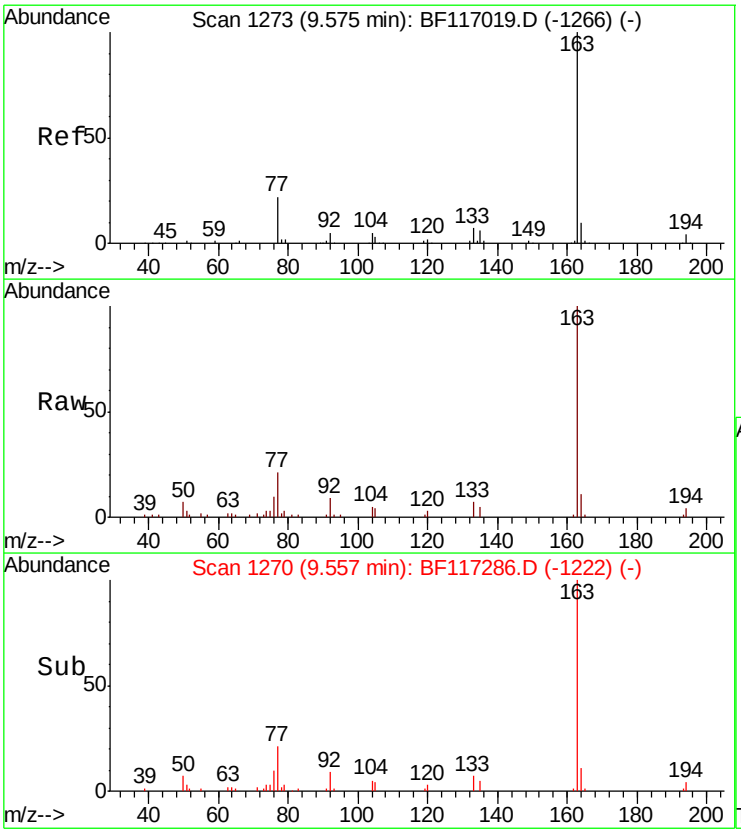
#45
2-Fluorobiphenyl
Concen: 30.438 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 179225

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.2	42.2
170	22.7	18.9	28.3

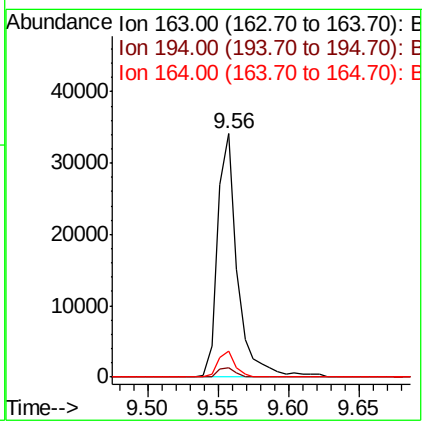


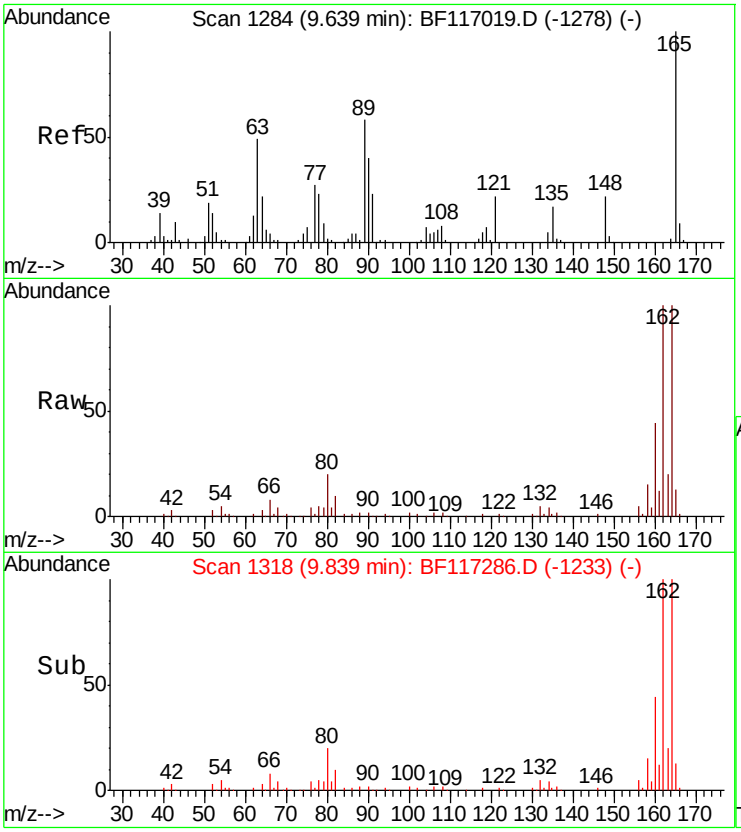


#50
Dimethylphthalate
Concen: 5.148 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:163 Resp: 33560

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.7	8.2	12.4



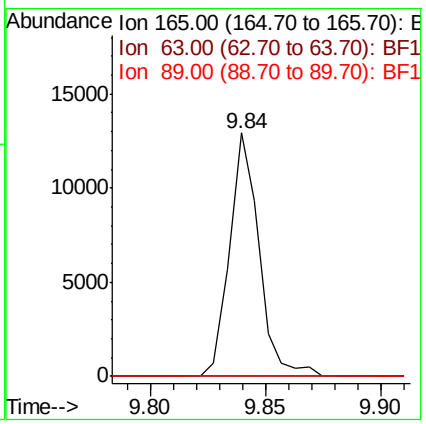


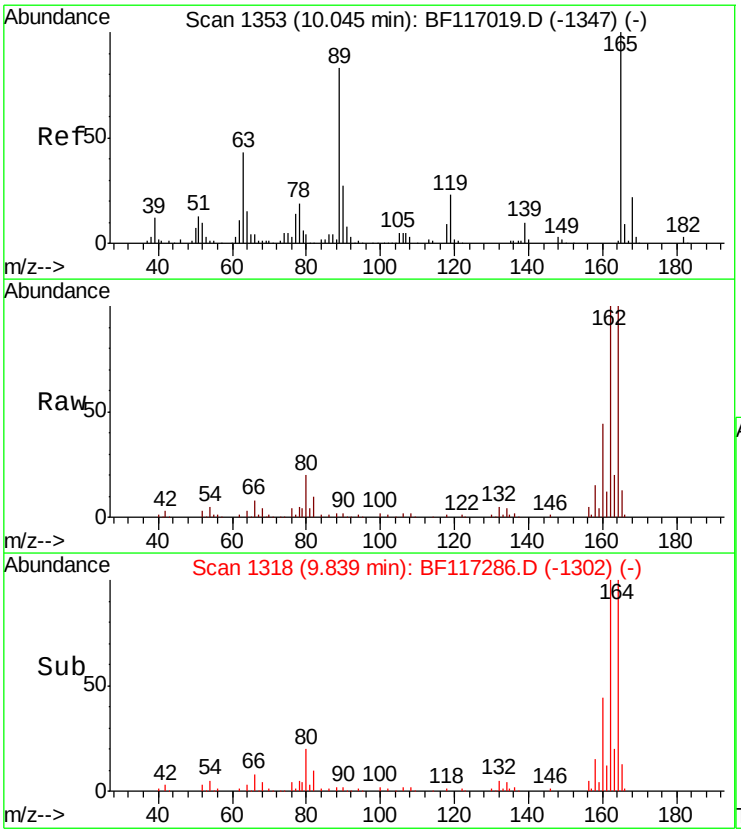
#51
2,6-Dinitrotoluene
Concen: 8.640 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11471

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

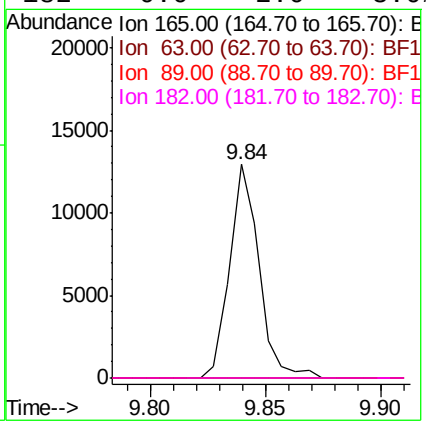


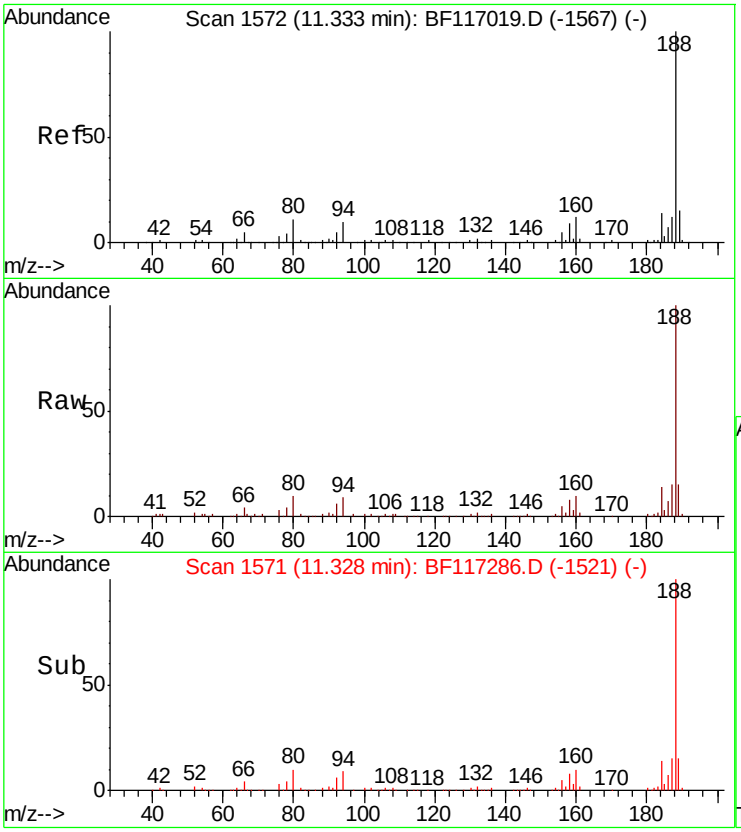


#57
2,4-Dinitrotoluene
Concen: 6.656 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:165 Resp: 11471

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#



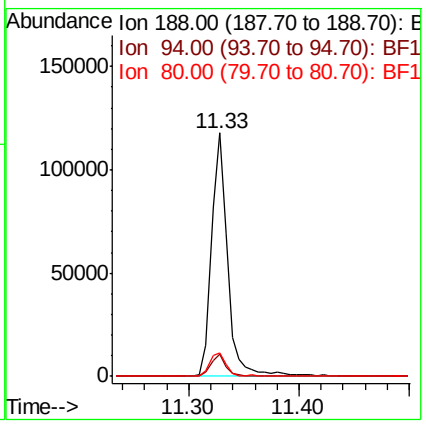


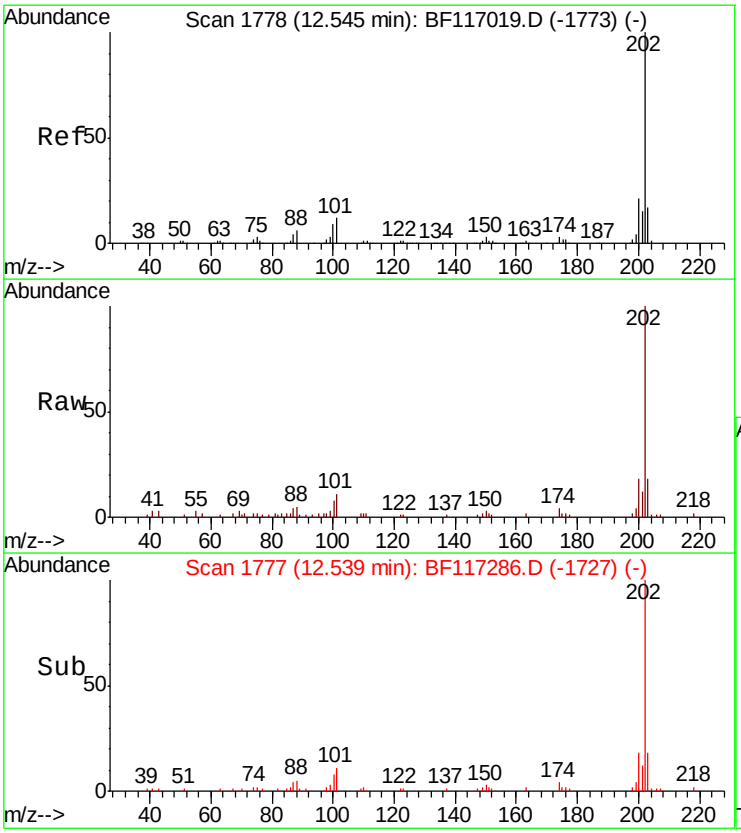
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 117924

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.6	9.0	13.6

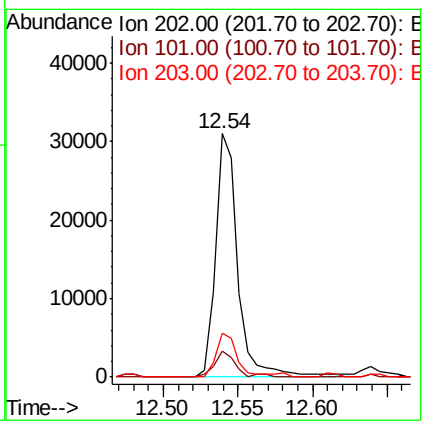


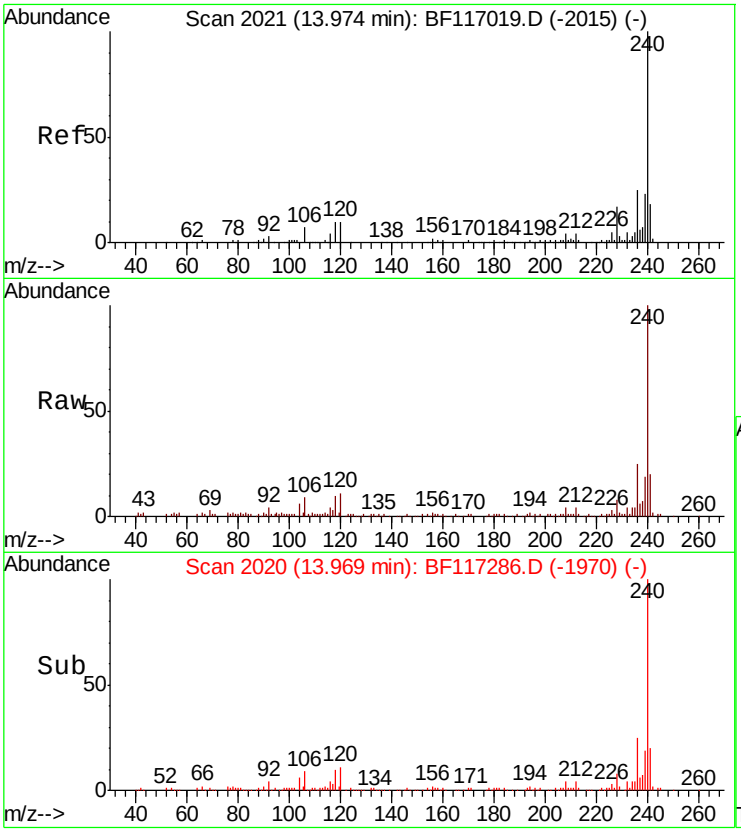


#75
Fluoranthene
Concen: 4.677 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:202 Resp: 32189

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.3
203	17.9	0.0	37.1



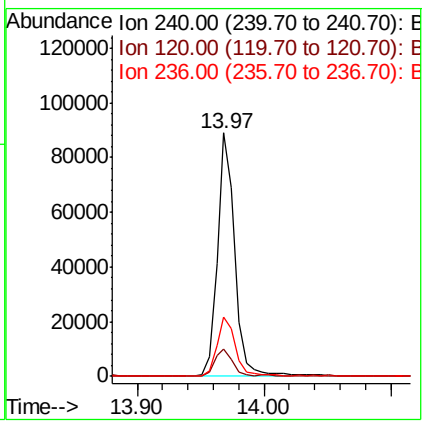


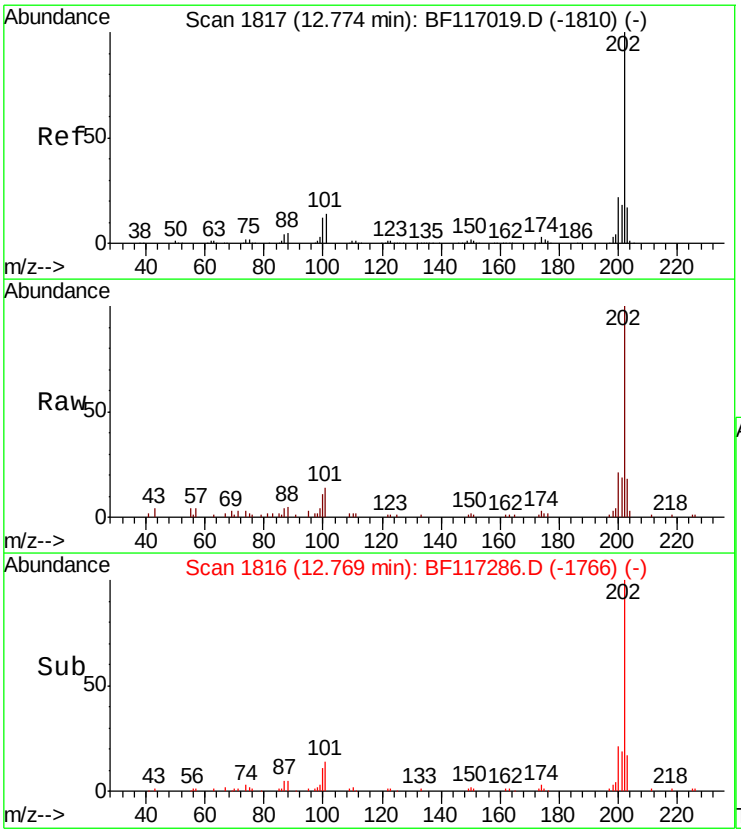
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 85265

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	24.5	20.3	30.5

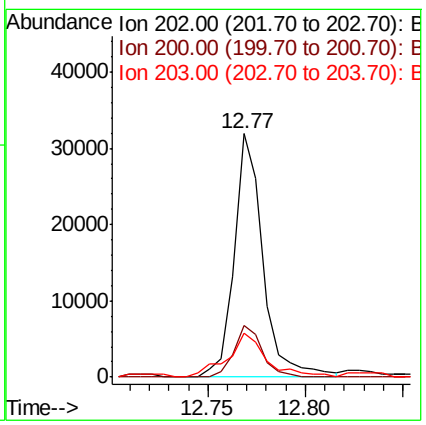


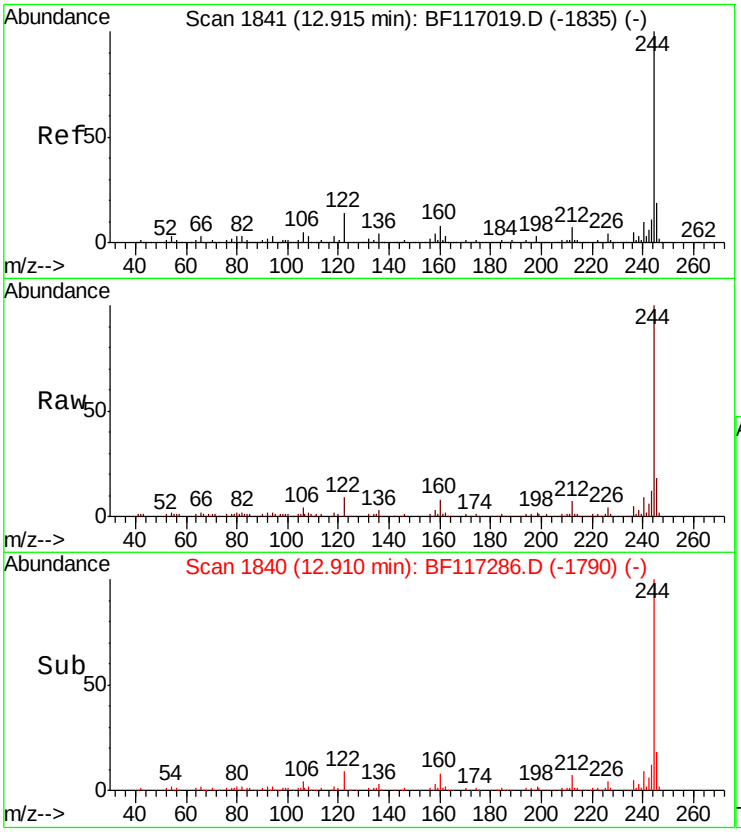


#78
Pyrene
Concen: 4.547 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:202 Resp: 32529

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.8	14.0	21.0



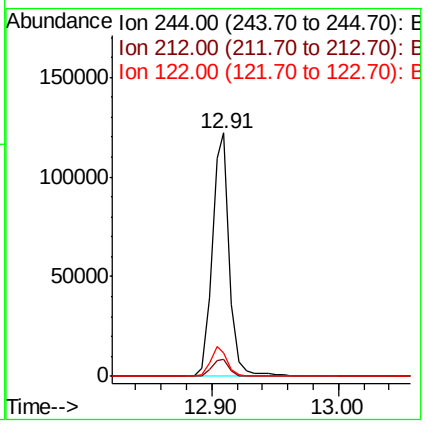


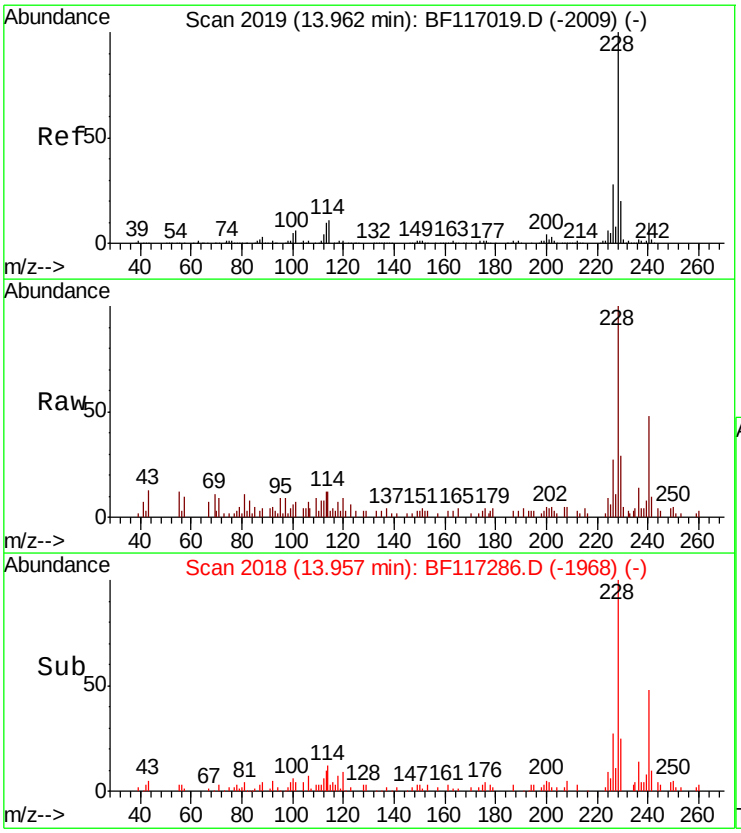
#79
Terphenyl-d14
Concen: 25.479 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 116225

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.5	11.3	16.9#

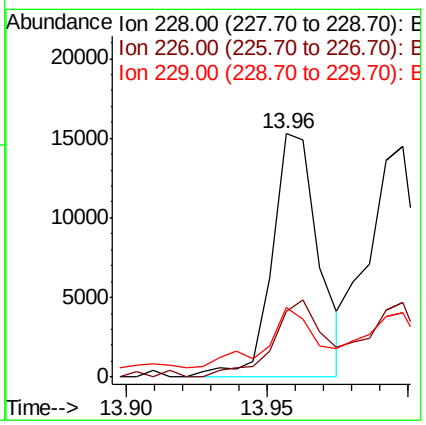


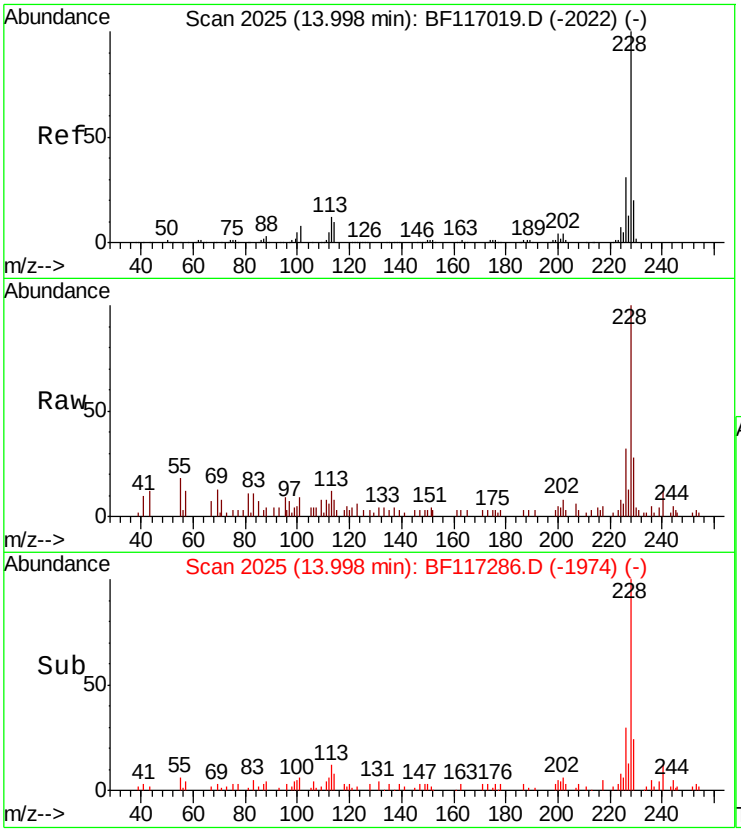


#81
Benzo(a)anthracene
Concen: 3.080 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:228 Resp: 17547

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.3	33.5
229	28.5	15.9	23.9#



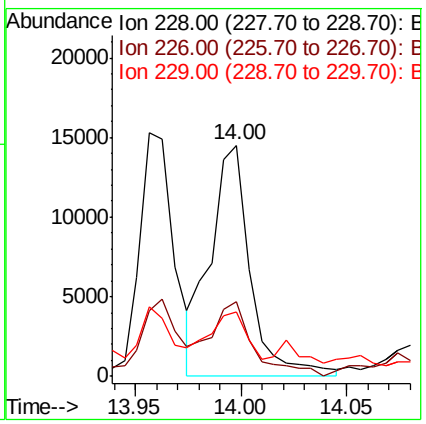


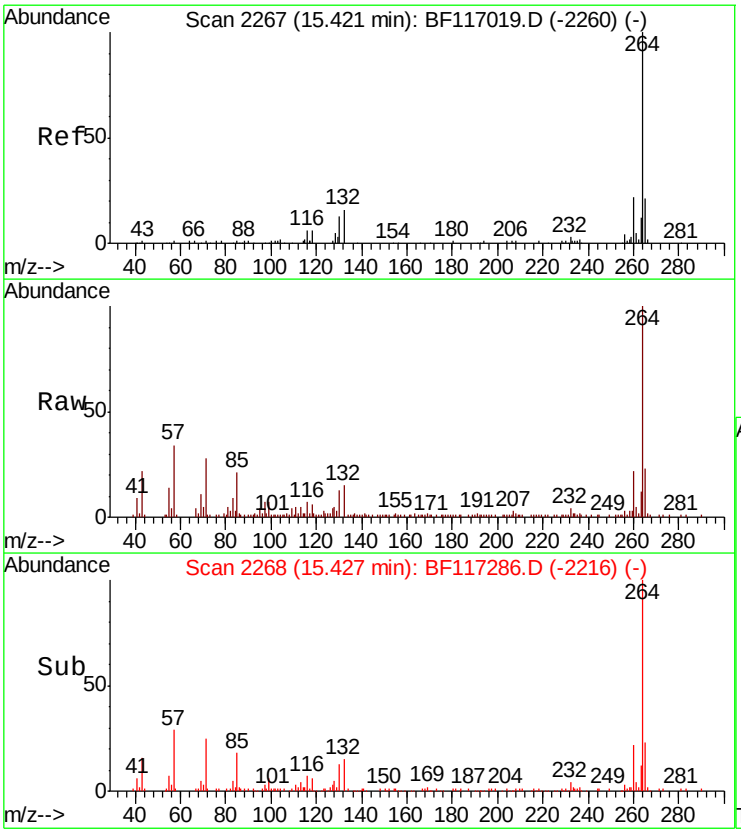
#83
Chrysene
Concen: 3.476 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 19313

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.8	37.2
229	28.0	15.8	23.8#

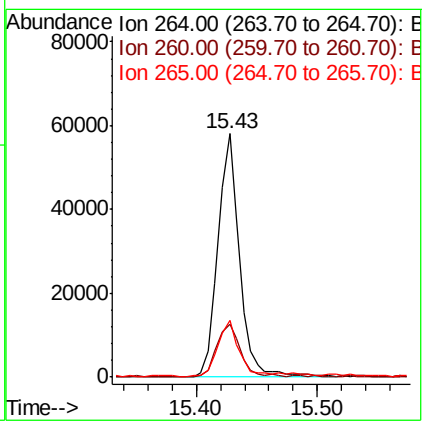


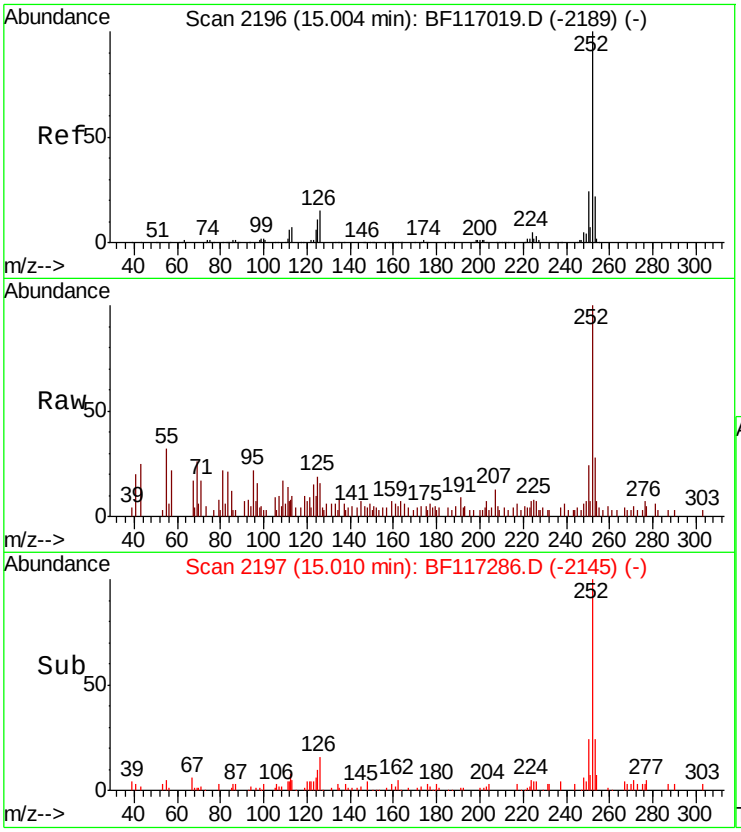


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:264 Resp: 71745

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.6	26.4
265	23.3	16.6	24.8



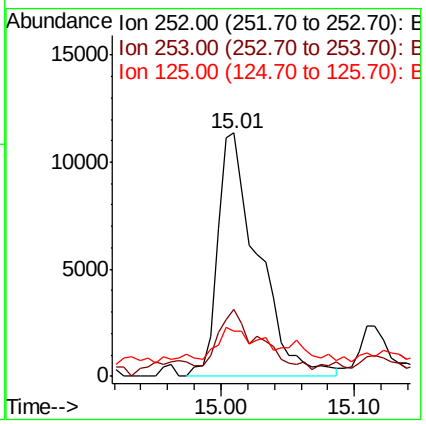


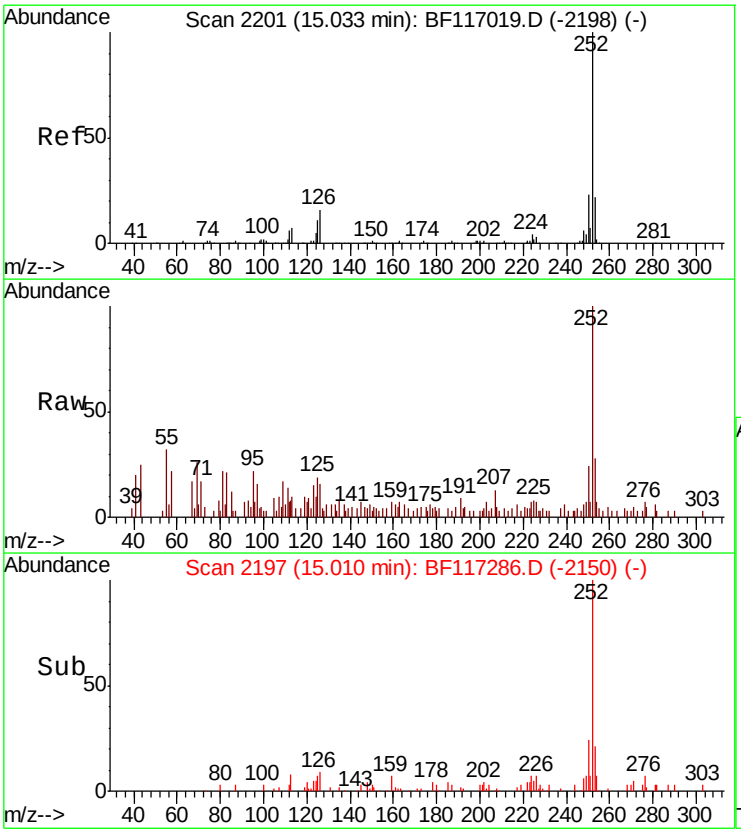
#88
Benzo(b)fluoranthene
Concen: 5.493 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 23871

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.6	26.4#
125	18.6	8.6	12.8#

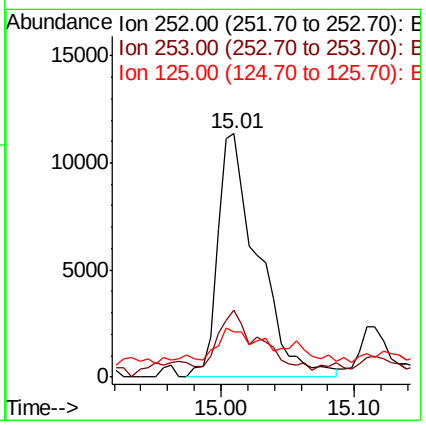


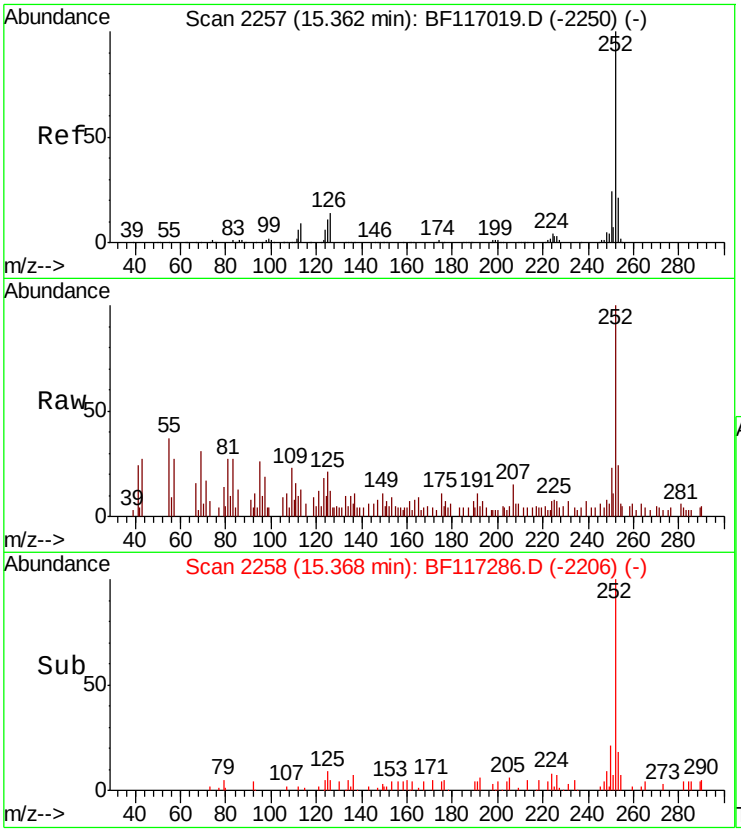


#89
Benzo(k)fluoranthene
Concen: 5.799 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:252 Resp: 23871

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.4	26.2#
125	18.6	8.8	13.2#



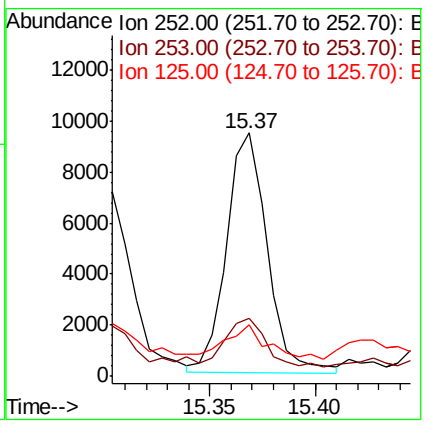


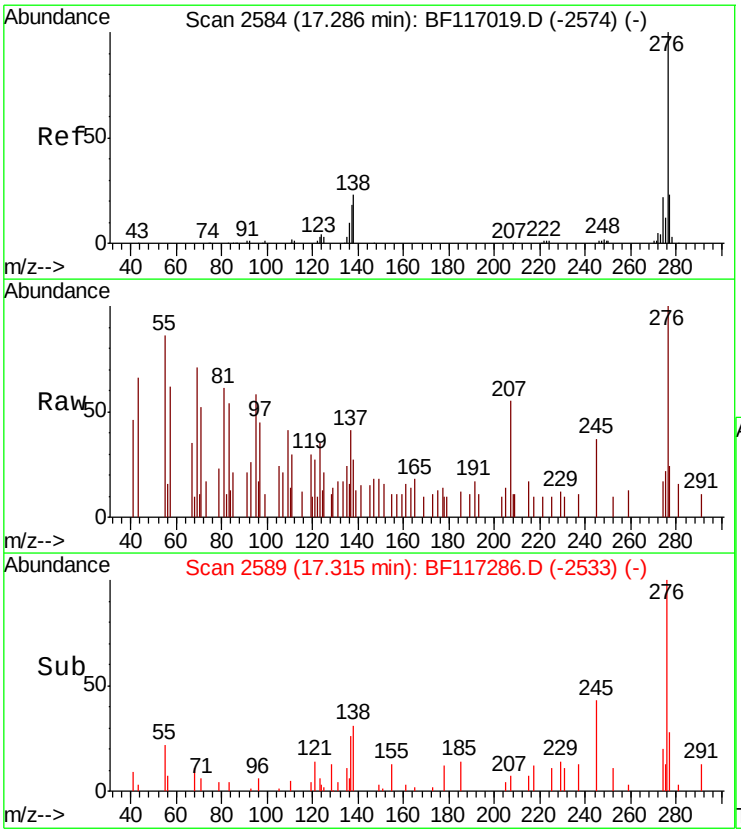
#90
Benzo(a)pyrene
Concen: 3.288 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 12540

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.6	25.0
125	21.3	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 2.249 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.03 min
Lab File: BF117286.D
Acq: 1 Oct 2019 19:35

Tgt Ion:276 Resp: 6810

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	27.8
138	27.2	18.0	27.0#