Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117324.D
Acq On : 3 Oct 2019 18:53
Operator : JU
Sample : K5160-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-3-2

Quant Time: Oct 04 03:19:53 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	55043	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	221409	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	110896	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	170055	20.00	ng		0.00
76) Chrysene-d12	13.97	240	86586	20.00	ng		0.00
87) Perylene-d12	15.42	264	89985	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	331571	94.05	ng		0.00
7) Phenol-d6	6.45	99	483285	106.07	ng		0.00
23) Nitrobenzene-d5	7.37	82	302411	71.76	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	93056	100.40	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	504838	71.18	ng		-0.01
79) Terphenyl-d14	12.90	244	401758	86.73	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	544	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.37	70	38256	13.789	ng	#	80
25) Isophorone	7.37	82	302410	40.532	ng	#	66
50) Dimethylphthalate	9.56	163	108495	13.818	ng		98
57) 2,4-Dinitrotoluene	9.84	165	13942	6.716	ng	#	18
67) 4-Bromophenyl-phenylether	10.63	248	6019	3.466	ng	#	1
75) Fluoranthene	12.54	202	35883	3.616	ng		98
77) Benzidine	12.90	184	5618	2.014	ng		97
78) Pyrene	12.77	202	32966	4.538	ng		98
81) Benzo(a)anthracene	13.96	228	17288	2.988	ng		95
83) Chrysene	13.99	228	16145	2.861	ng		95
86) Indeno(1,2,3-cd)pyrene	16.88	276	12879	3.129	ng		98
88) Benzo(b)fluoranthene	15.00	252	30704	5.633	ng	#	94
89) Benzo(k)fluoranthene	15.00	252	30704	5.947	ng	#	94
90) Benzo(a)pyrene	15.36	252	17600	3.680	ng	#	91
92) Benzo(g,h,i)perylene	17.32	276	12370	3.258	ng	#	90

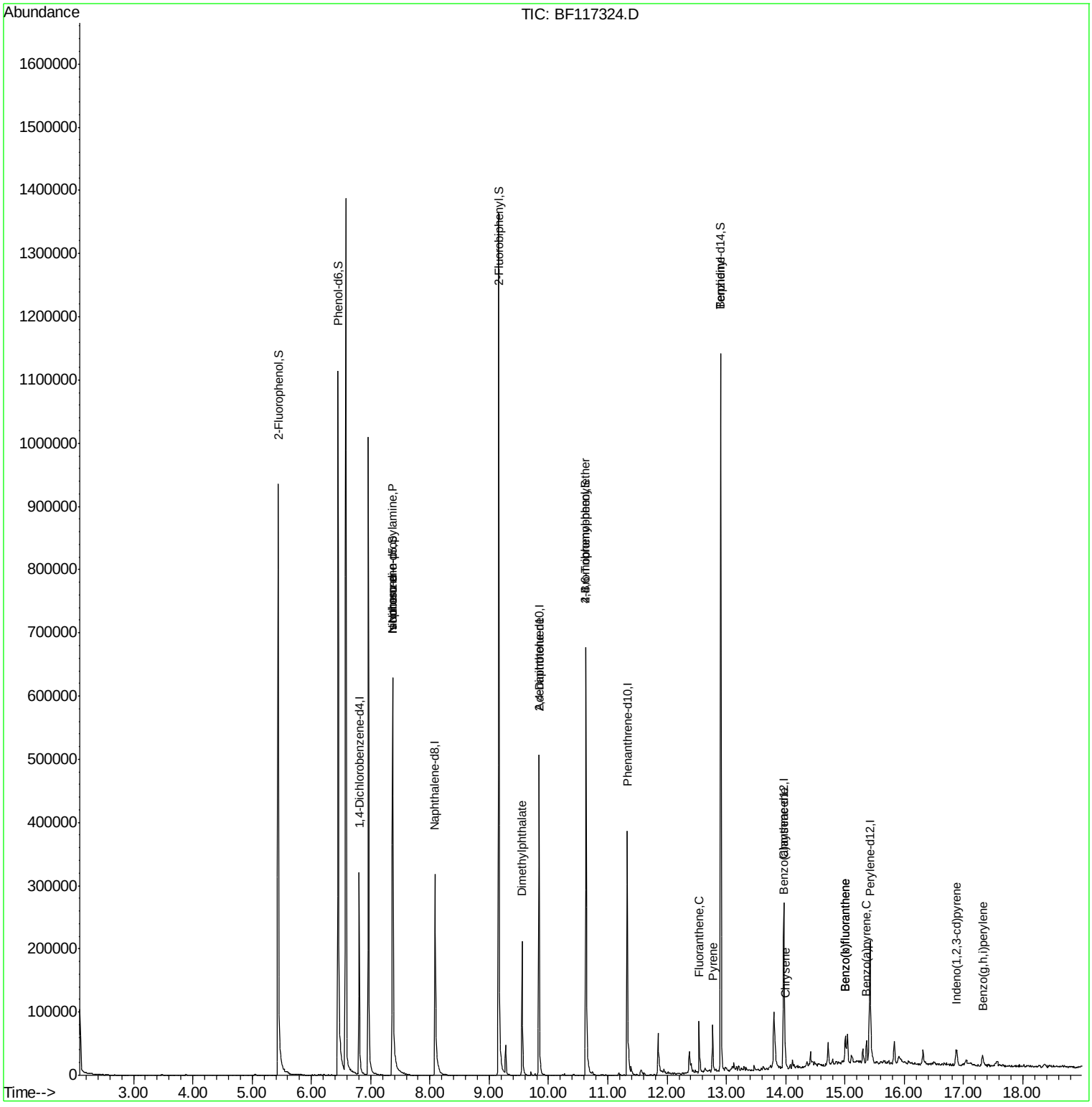
(#) = qualifier out of range (m) = manual integration (+) = signals summed

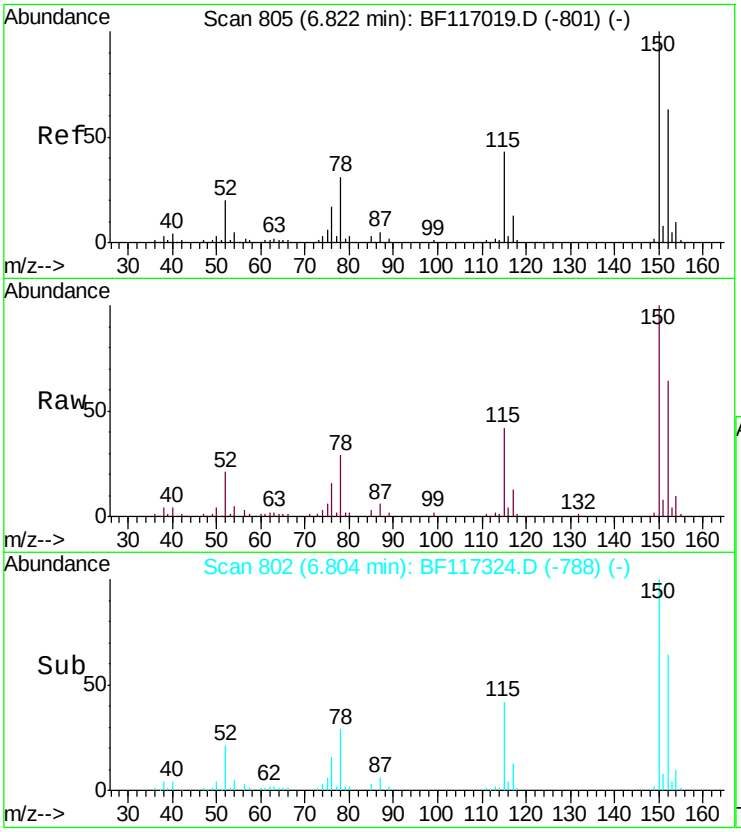
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
Data File : BF117324.D
Acq On : 3 Oct 2019 18:53
Operator : JU
Sample : K5160-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CSA-3-2

Quant Time: Oct 04 03:19:53 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



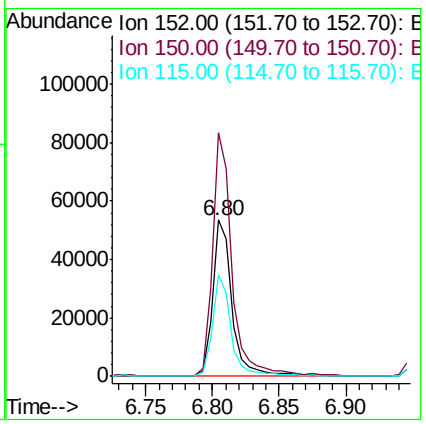


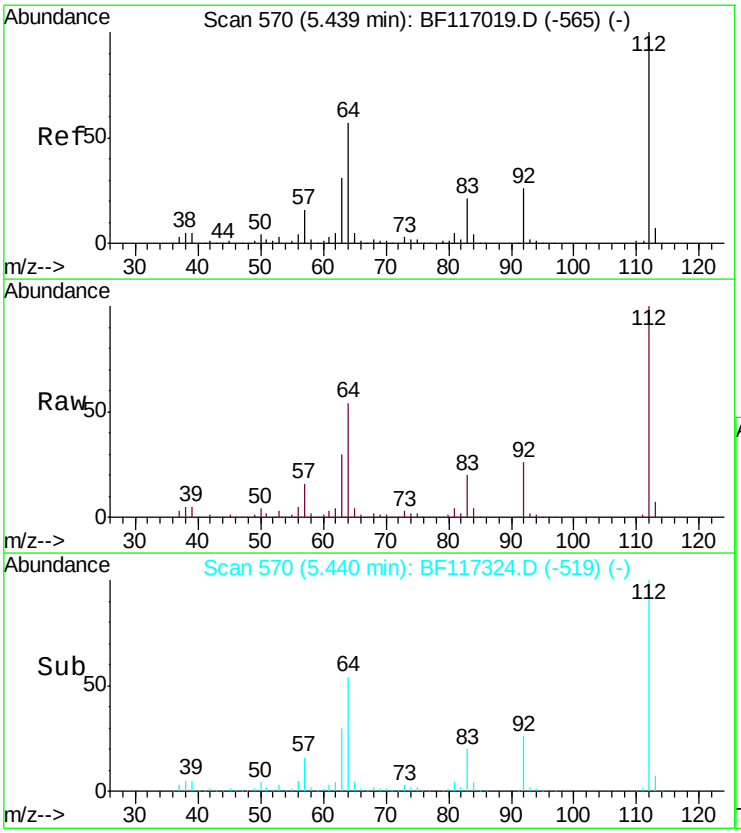
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:152 Resp: 55043

Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.5	191.3
115	65.3	55.0	82.4

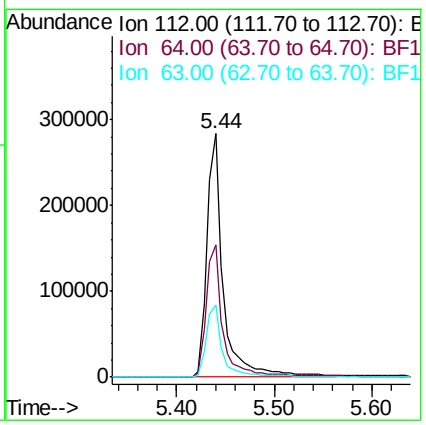


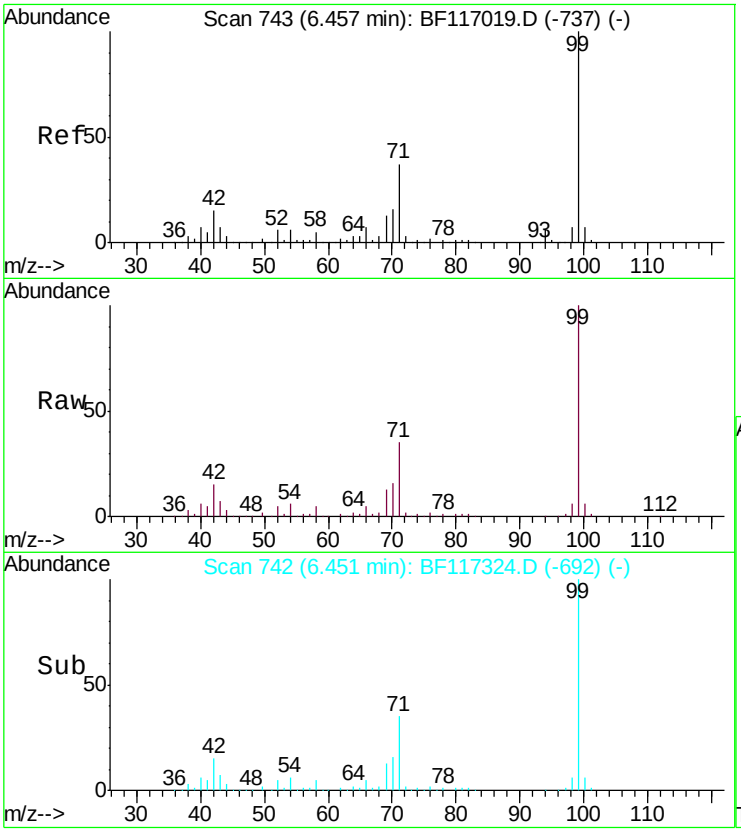


#5
2-Fluorophenol
Concen: 94.047 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:112 Resp: 331571

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	29.6	24.9	37.3



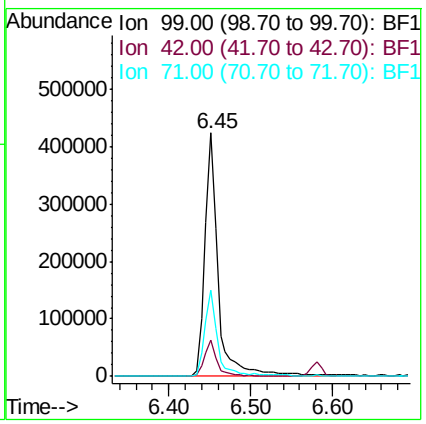


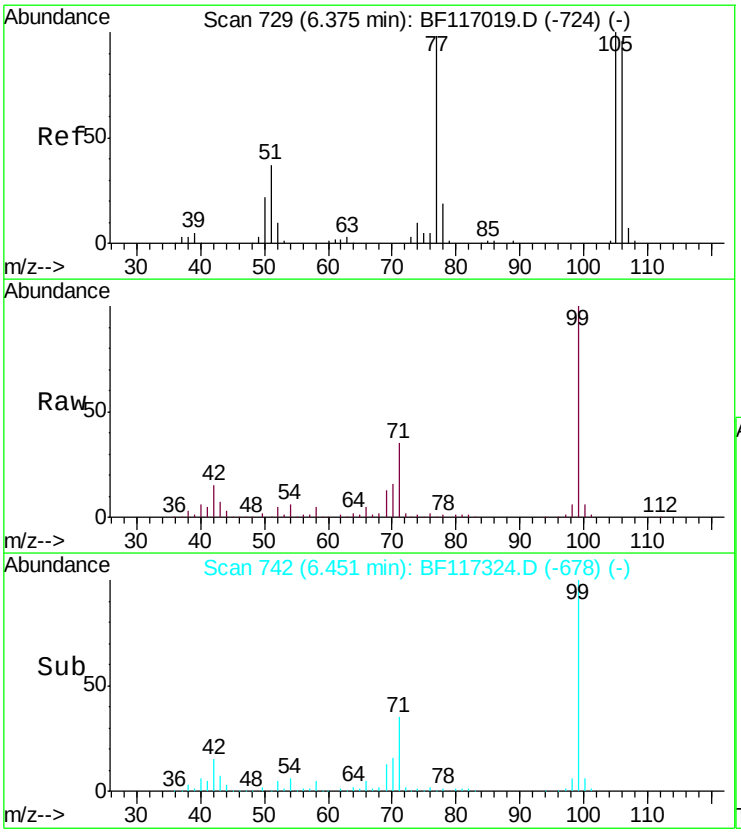
#7
Phenol-d6
Concen: 106.069 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion: 99 Resp: 483285

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.2
71	35.4	29.8	44.8

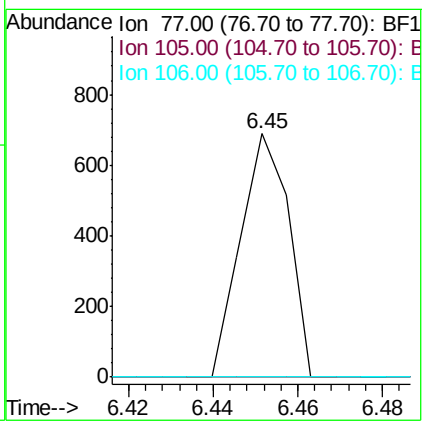


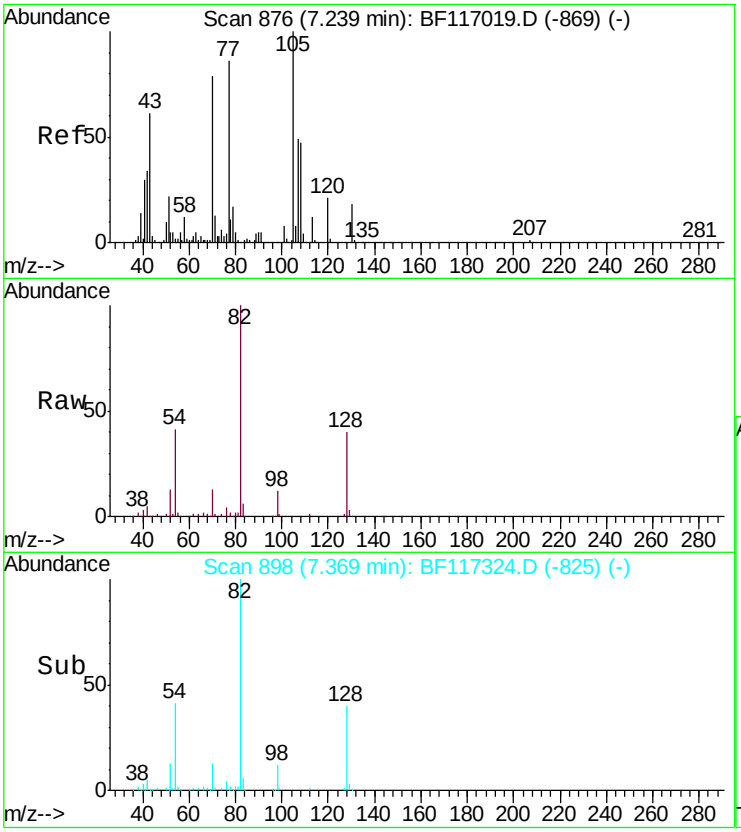


#9
Benzaldehyde
Concen: Below Cal
RT: 6.45 min Scan# 742
Delta R.T. 0.08 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion: 77 Resp: 544

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



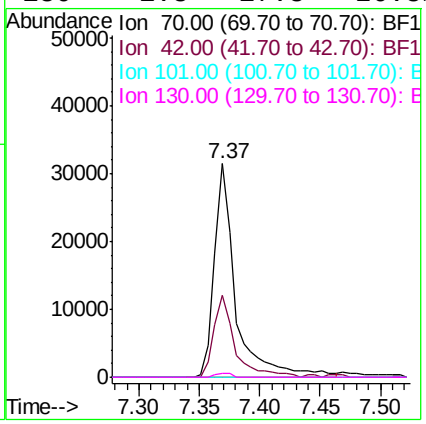


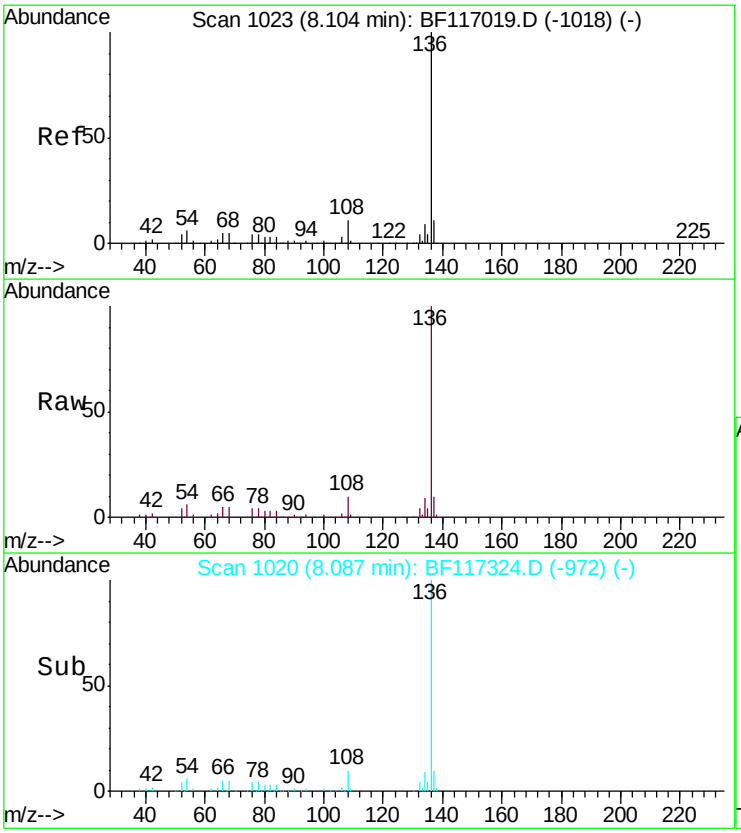
#19
n-Nitroso-di-n-propylamine
Concen: 13.789 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion: 70 Resp: 38256

Ion	Ratio	Lower	Upper
70	100		
42	38.4	34.0	51.0
101	0.0	7.8	11.6#
130	1.8	17.8	26.8#

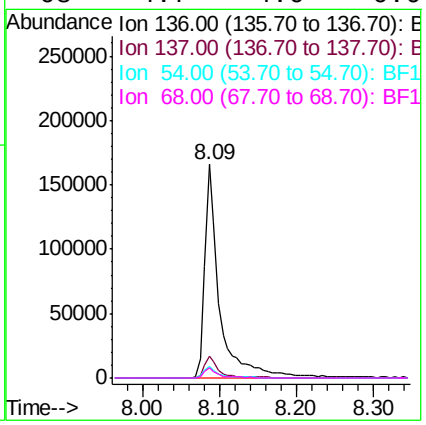


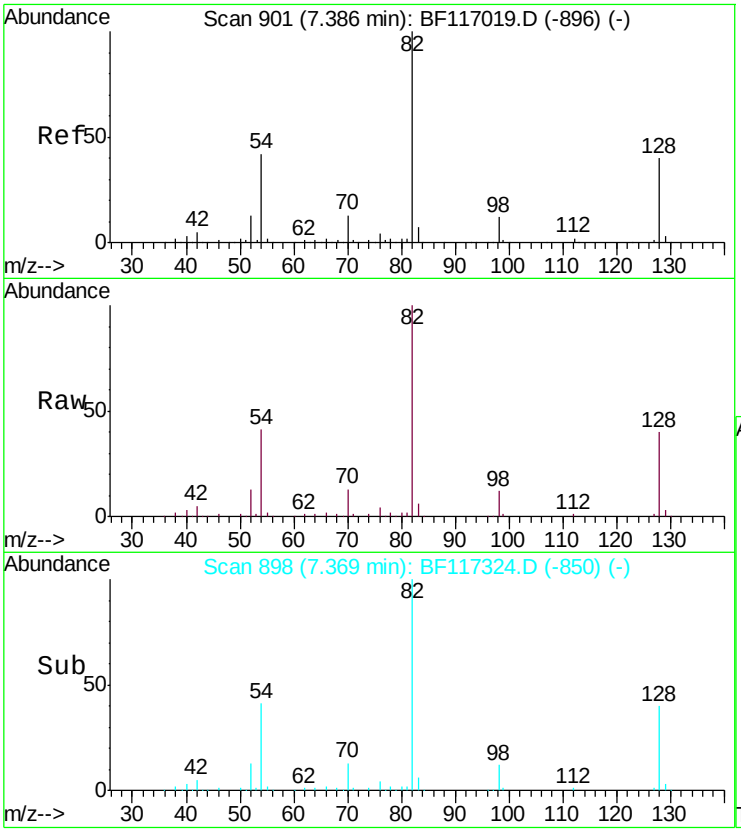


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:136 Resp: 221409

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.0	13.4
54	5.5	4.5	6.7
68	4.7	4.0	6.0



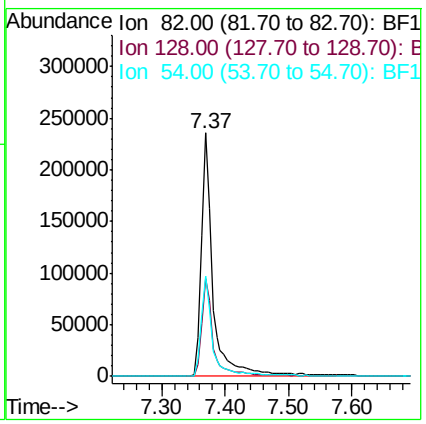


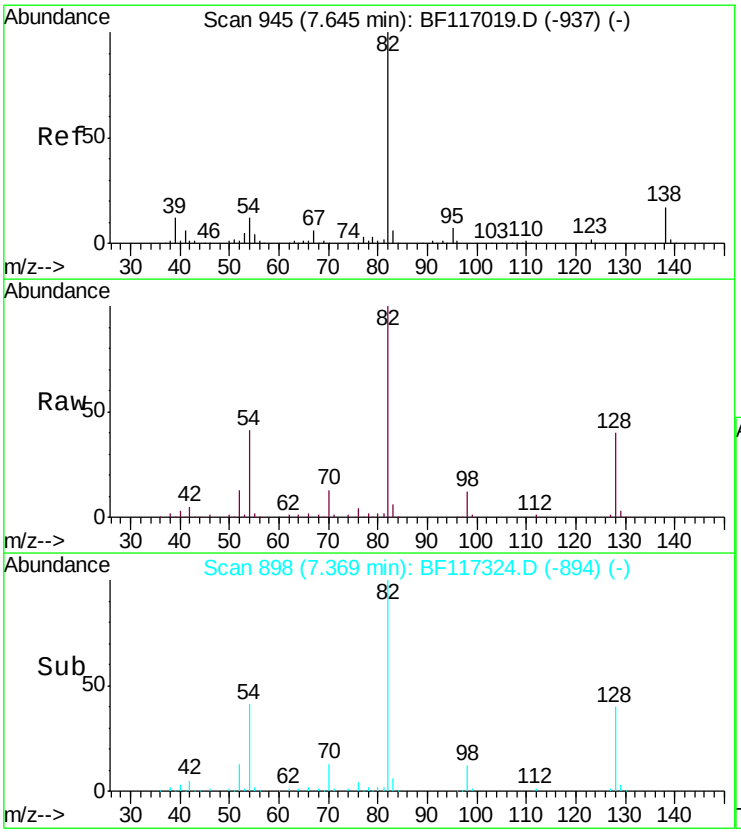
#23
Nitrobenzene-d5
Concen: 71.765 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion: 82 Resp: 302411

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.3	48.5
54	41.3	33.3	49.9

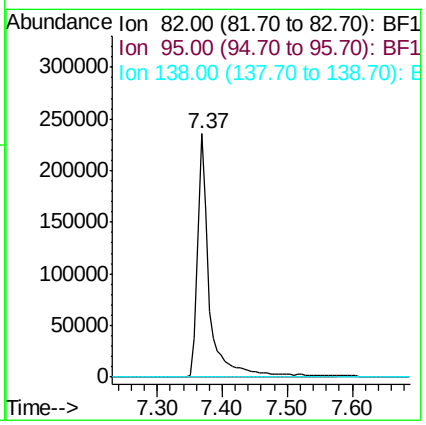


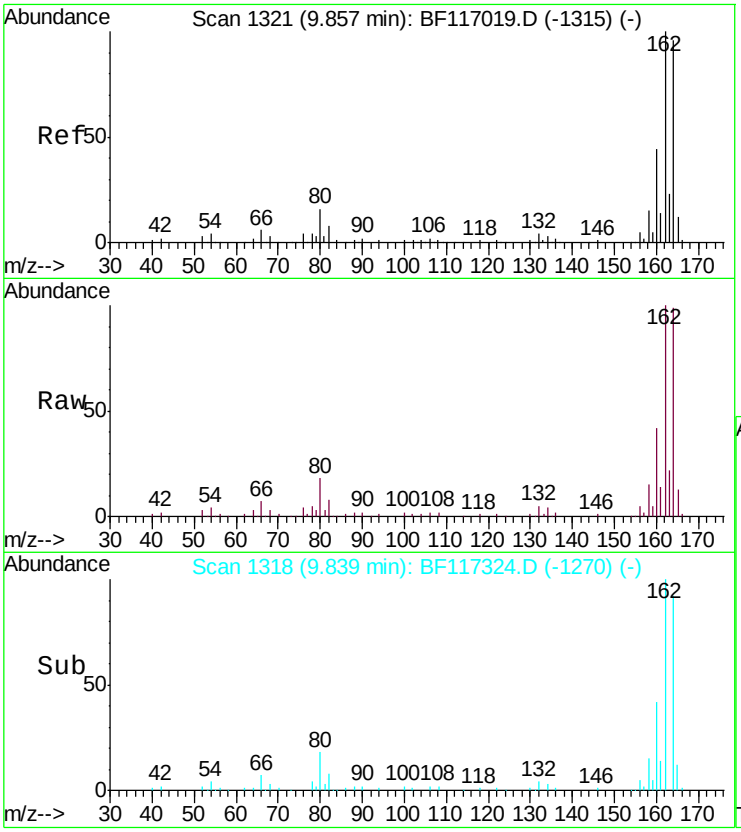


#25
Isophorone
Concen: 40.532 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion: 82 Resp: 302410

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



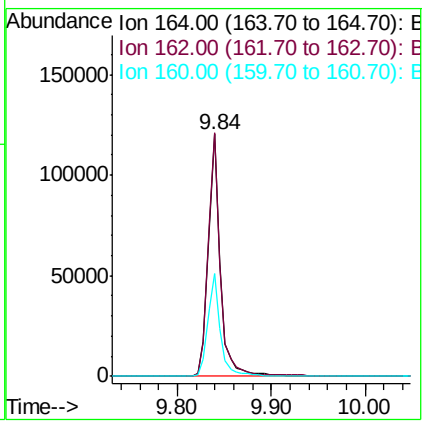


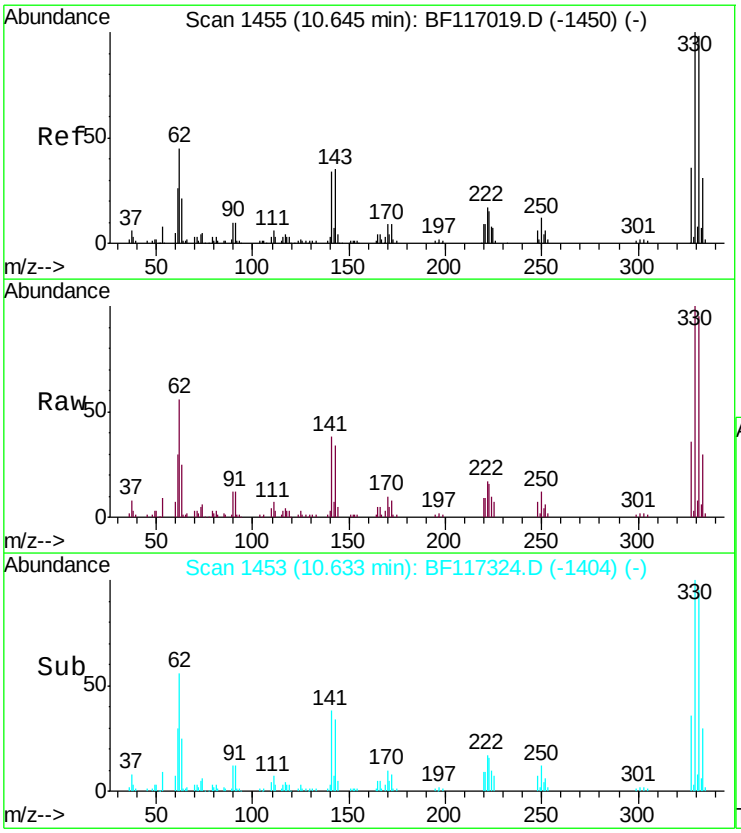
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:164 Resp: 110896

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.4	125.2
160	42.5	36.4	54.6

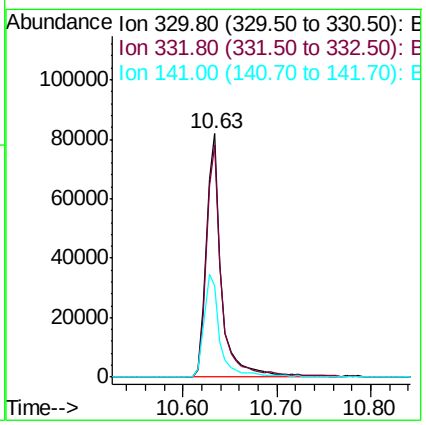


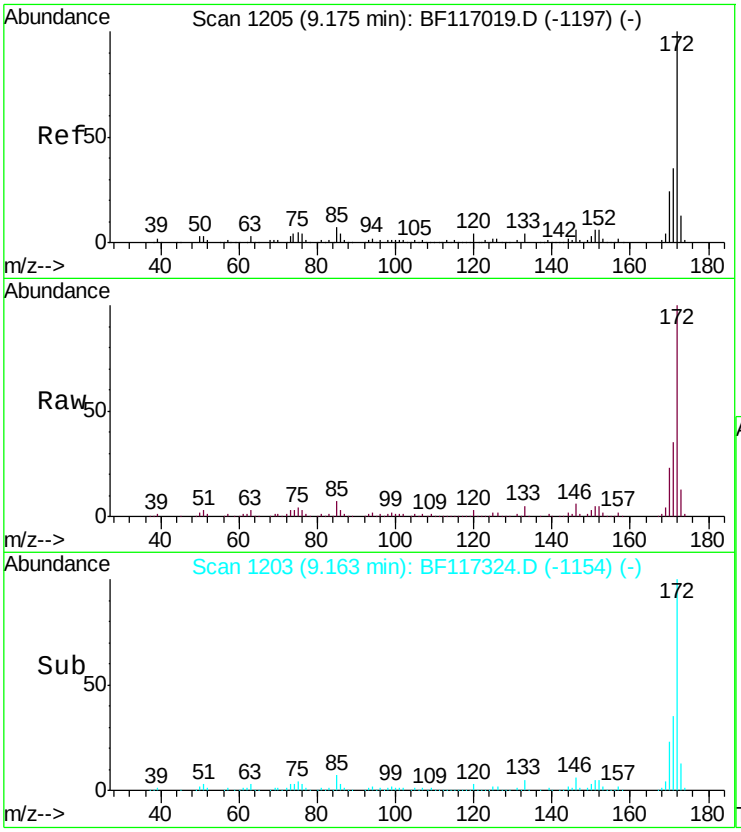


#42
2,4,6-Tribromophenol
Concen: 100.402 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:330 Resp: 93056

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.0	117.0
141	43.9	35.8	53.6



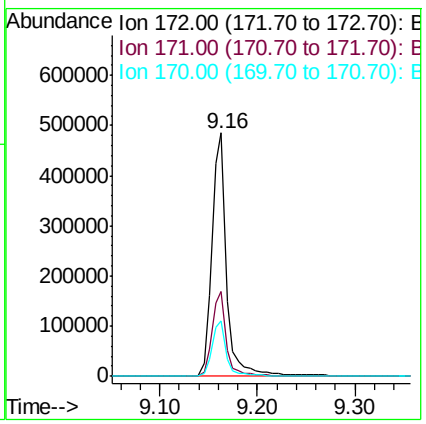


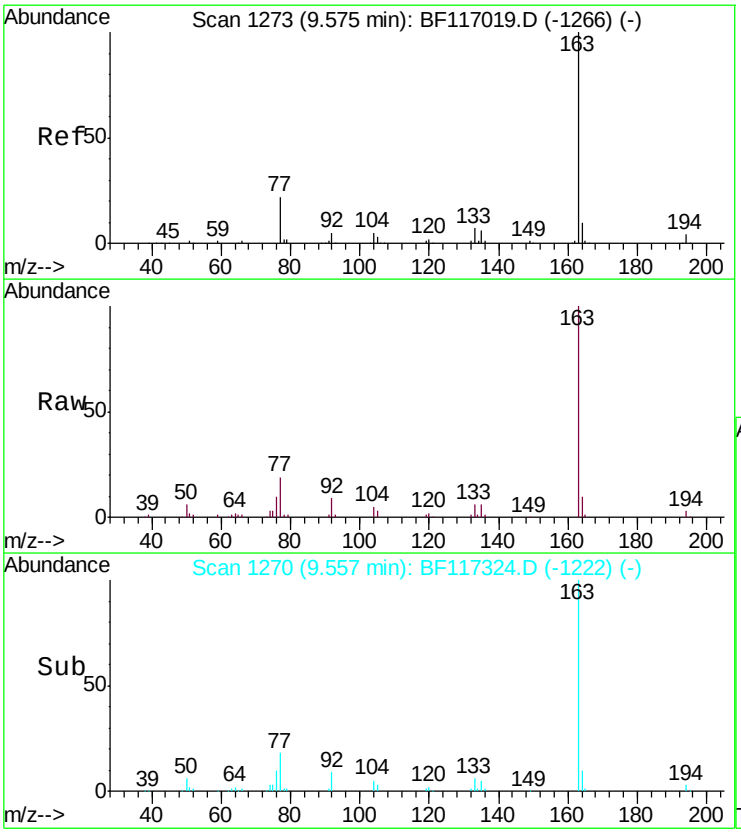
#45
2-Fluorobiphenyl
Concen: 71.179 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:172 Resp: 504838

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	22.7	18.9	28.3

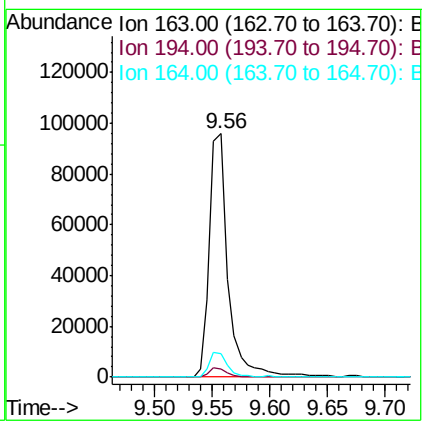


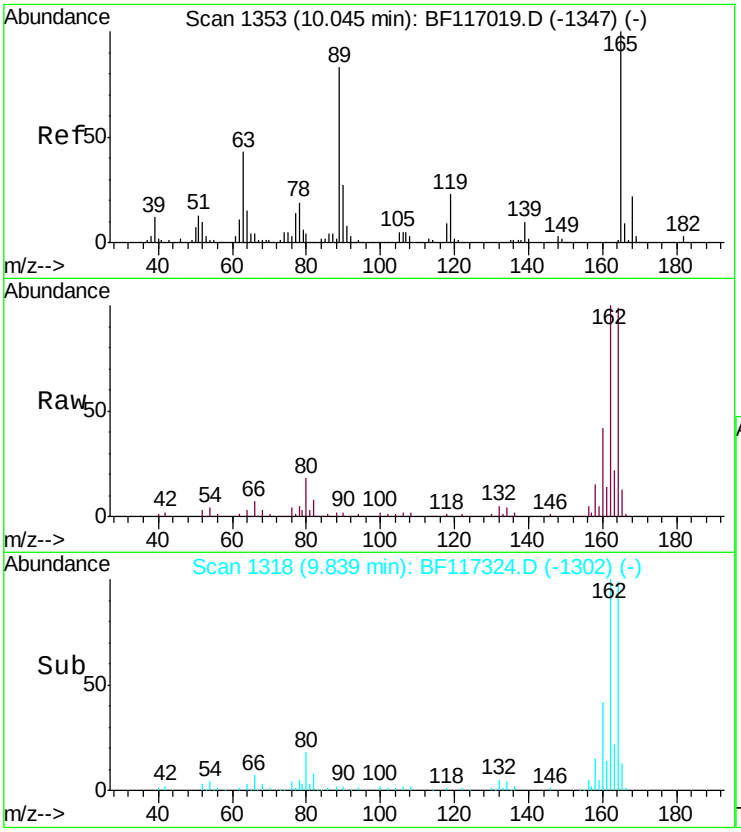


#50
Dimethylphthalate
Concen: 13.818 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:163 Resp: 108495

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	9.6	8.2	12.4



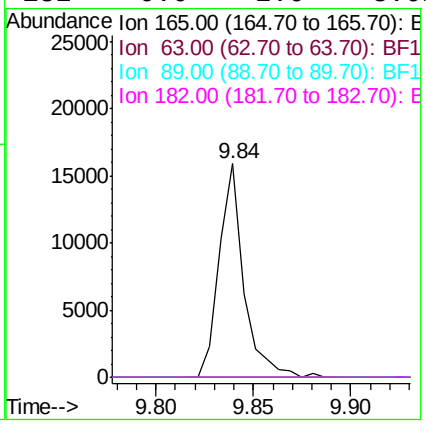


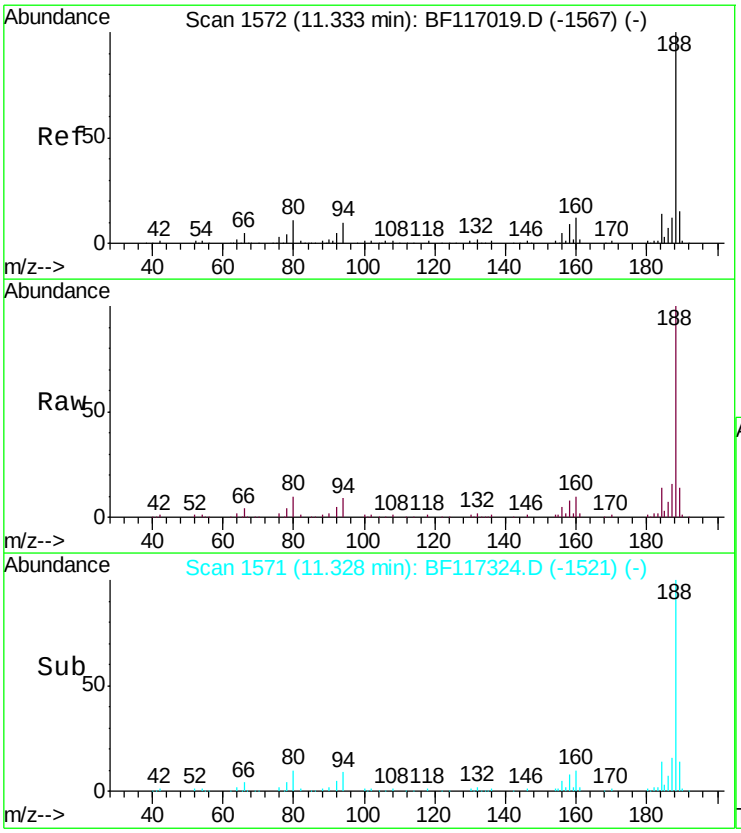
#57
2,4-Dinitrotoluene
Concen: 6.716 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:165 Resp: 13942

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#

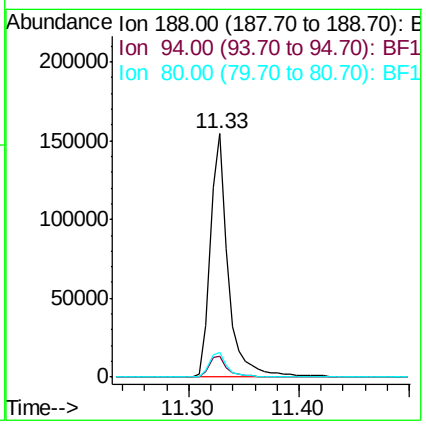


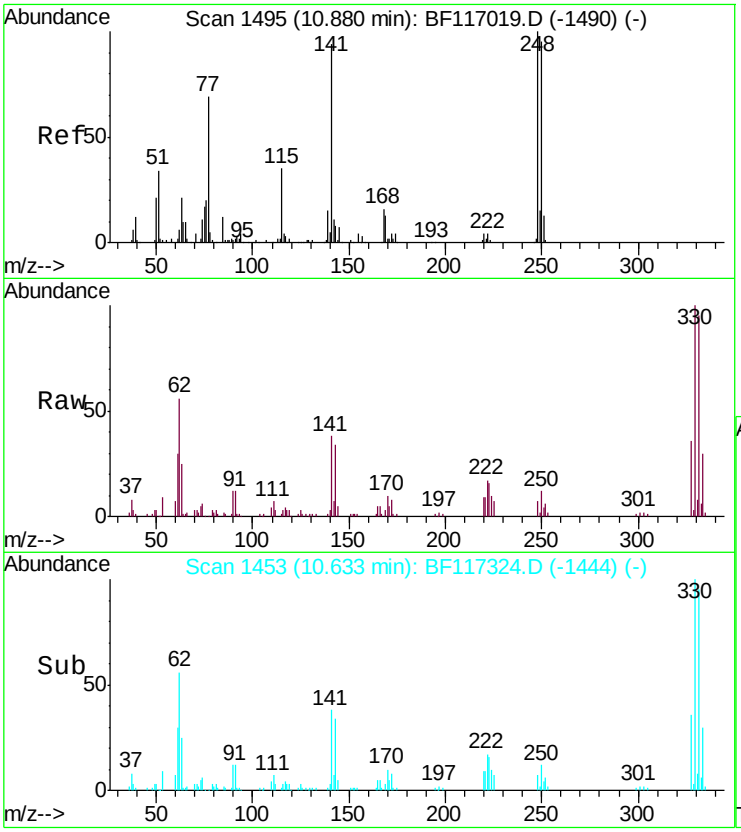


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:188 Resp: 170055

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	10.0	9.0	13.6



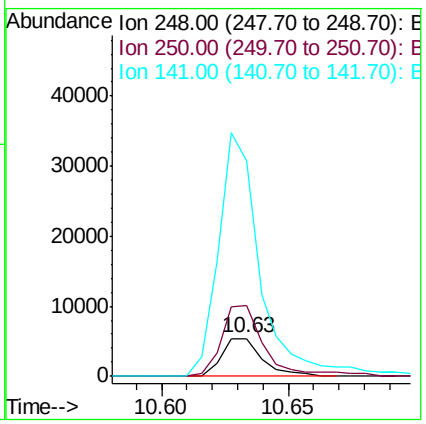


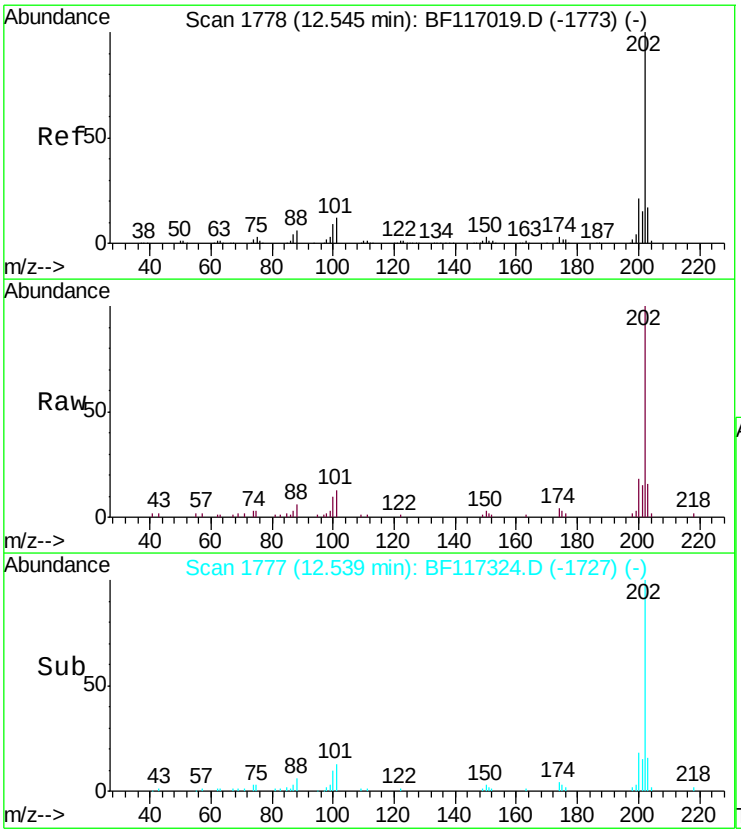
#67
4-Bromophenyl-phenylether
Concen: 3.466 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:248 Resp: 6019

Ion	Ratio	Lower	Upper
248	100		
250	186.2	76.2	114.4#
141	566.5	75.0	112.4#

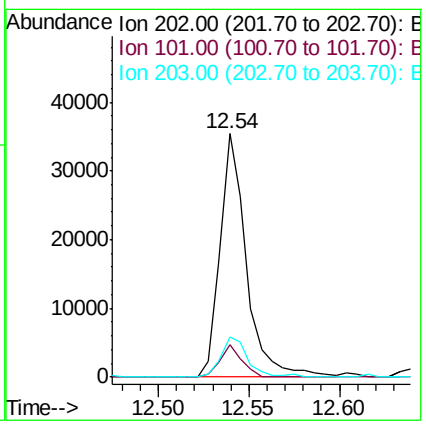


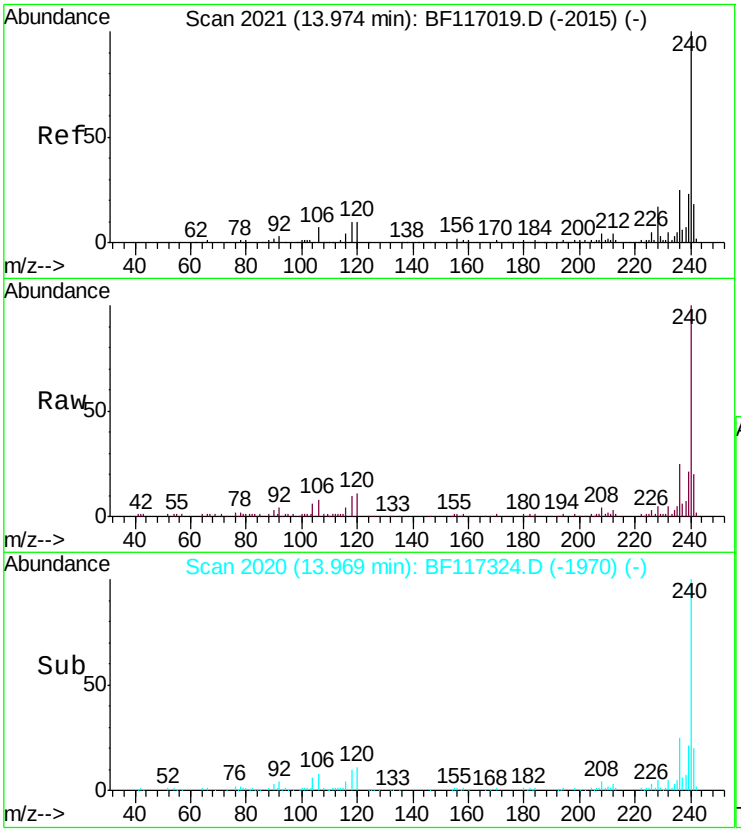


#75
Fluoranthene
Concen: 3.616 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:202 Resp: 35883

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.3
203	16.4	0.0	37.1



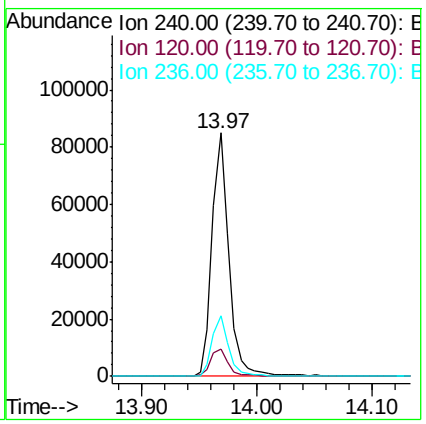


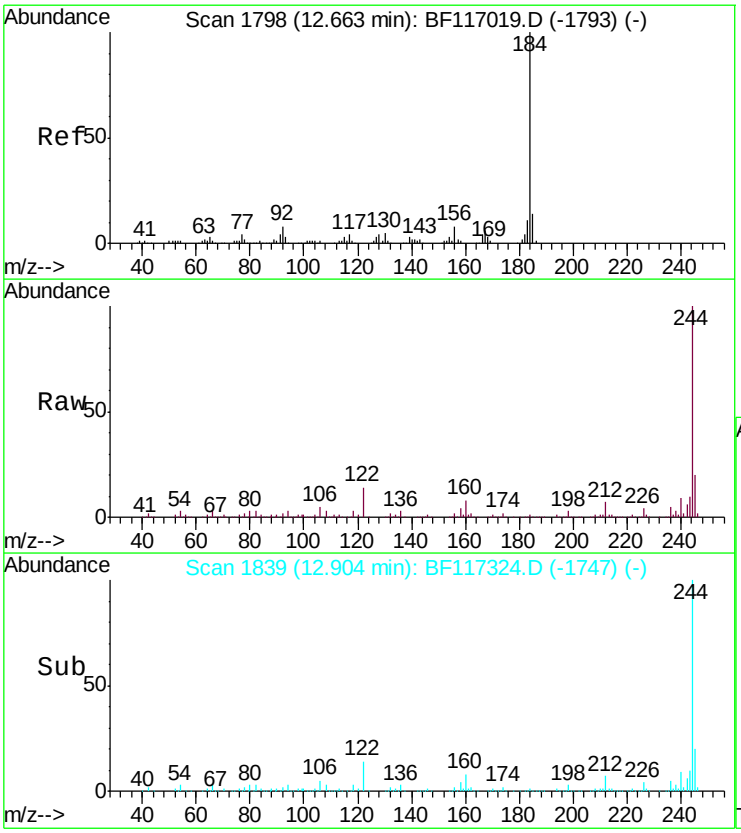
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:240 Resp: 86586

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	25.1	20.3	30.5

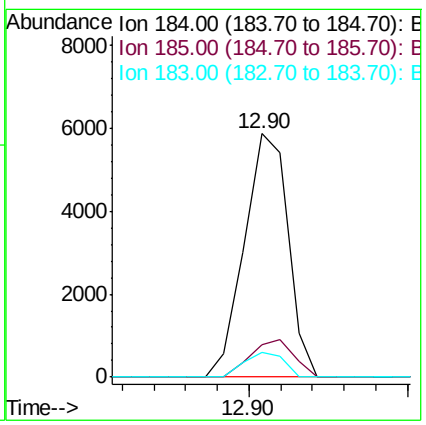


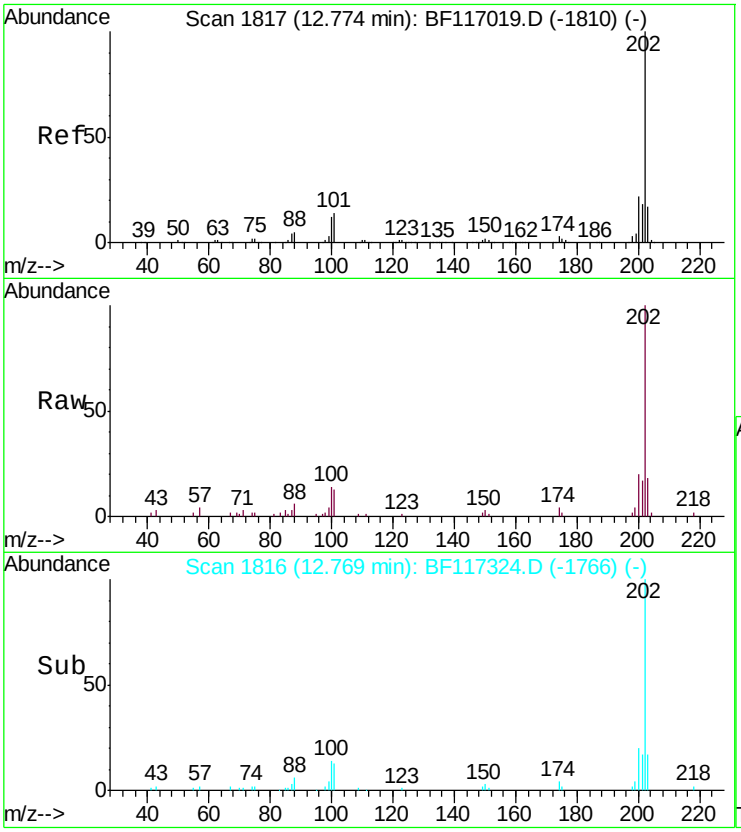


#77
Benzidine
Concen: 2.014 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.24 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:184 Resp: 5618

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.6	17.4
183	10.3	9.0	13.4



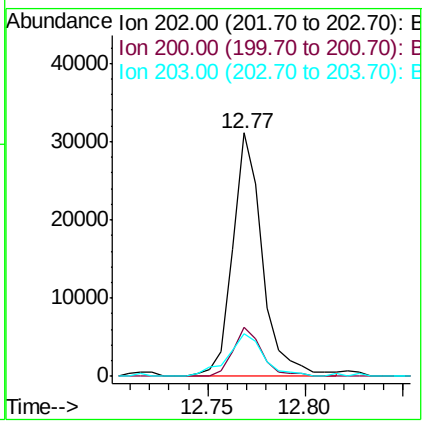


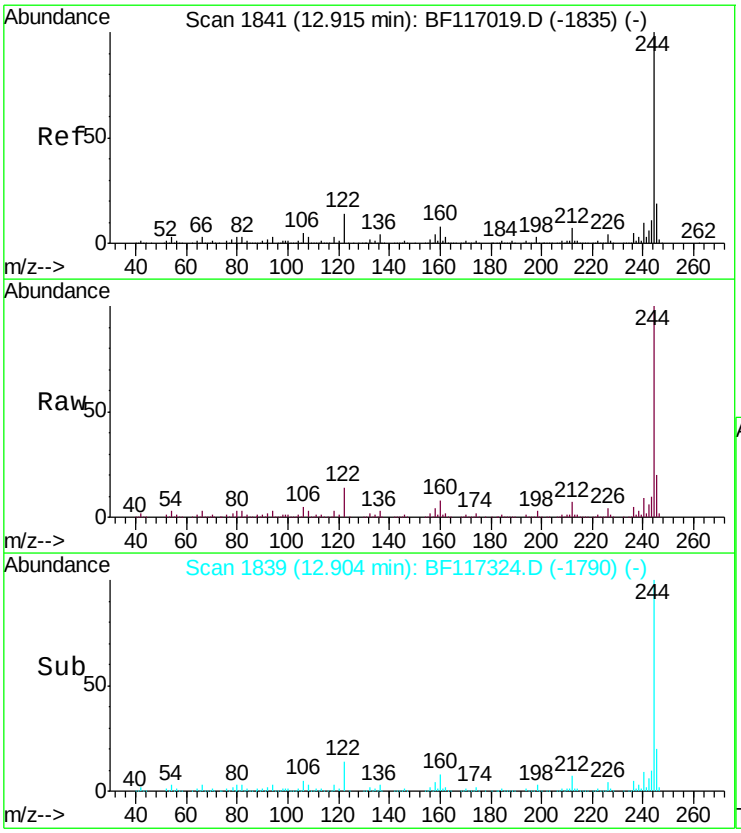
#78
Pyrene
Concen: 4.538 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:202 Resp: 32966

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.2	25.8
203	17.5	14.0	21.0

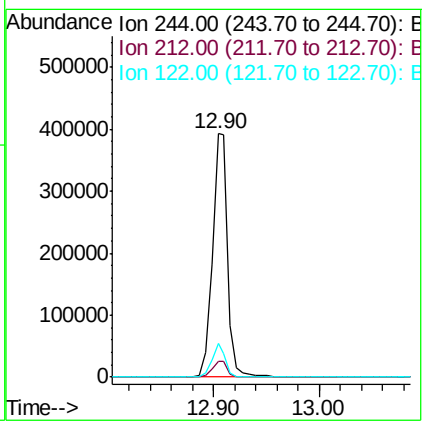


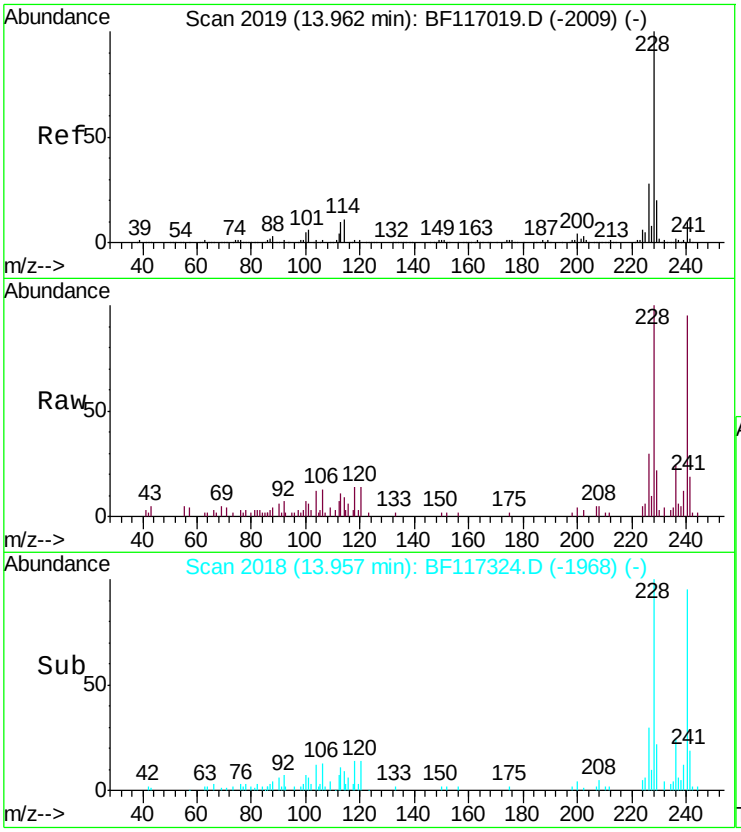


#79
Terphenyl-d14
Concen: 86.732 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:244 Resp: 401758

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.8	11.3	16.9



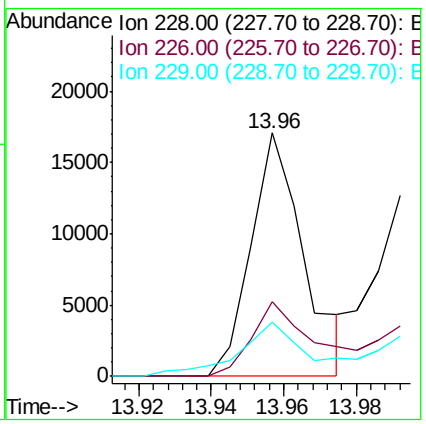


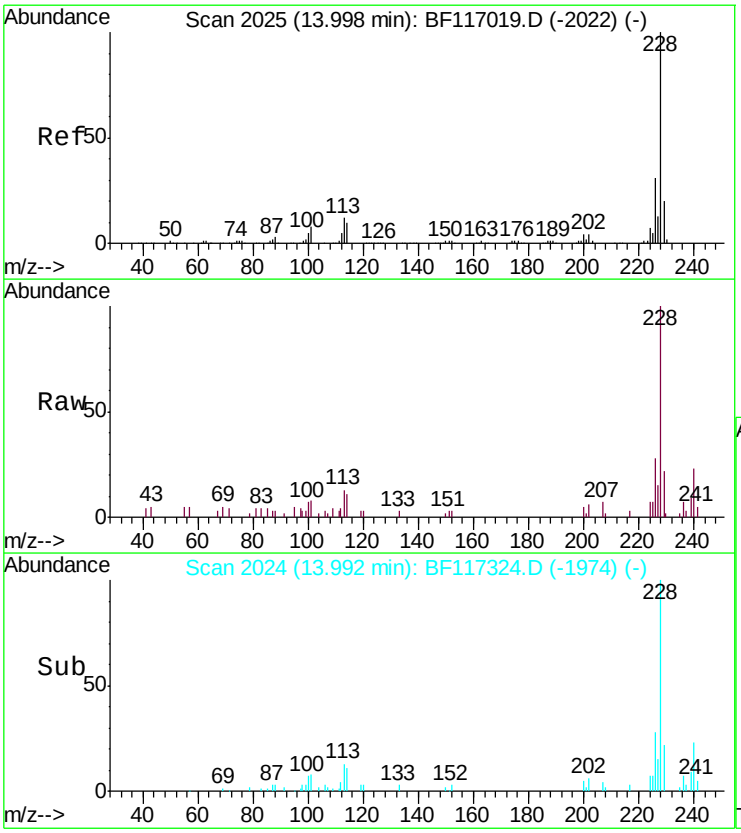
#81
Benzo(a)anthracene
Concen: 2.988 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:228 Resp: 17288

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	22.0	15.9	23.9

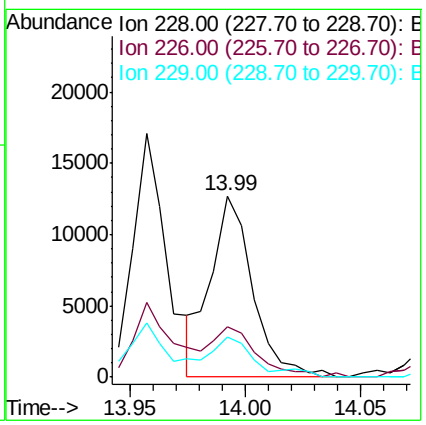


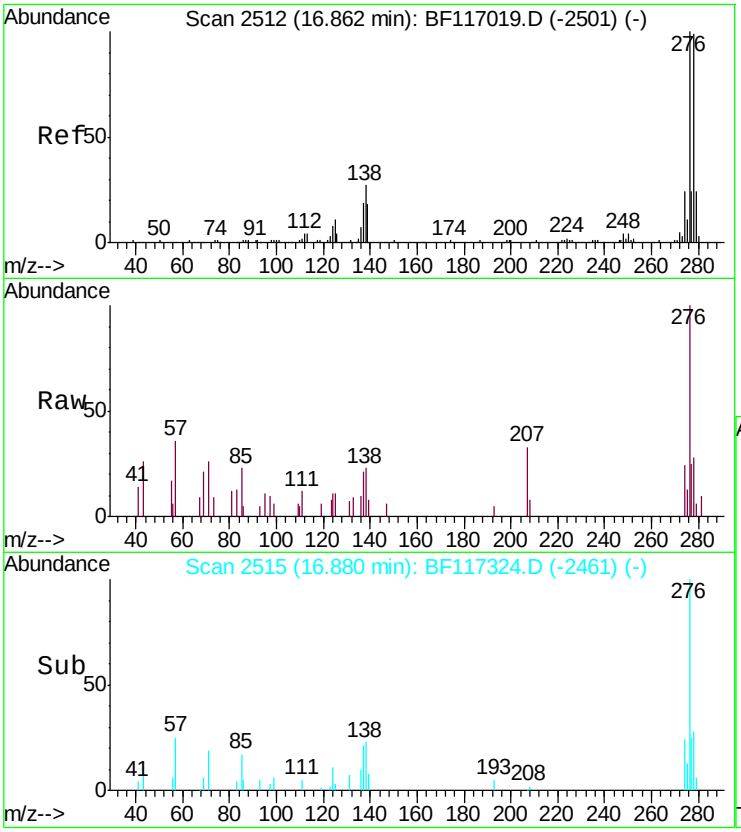


#83
Chrysene
Concen: 2.861 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:228 Resp: 16145

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.8	37.2
229	22.1	15.8	23.8



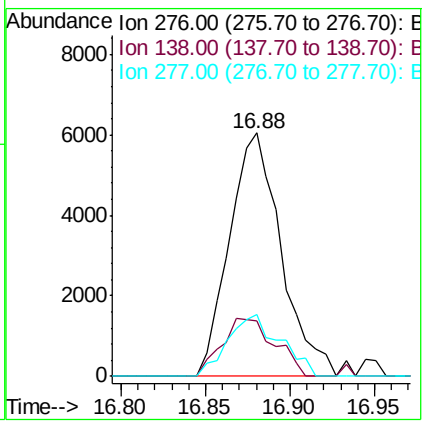


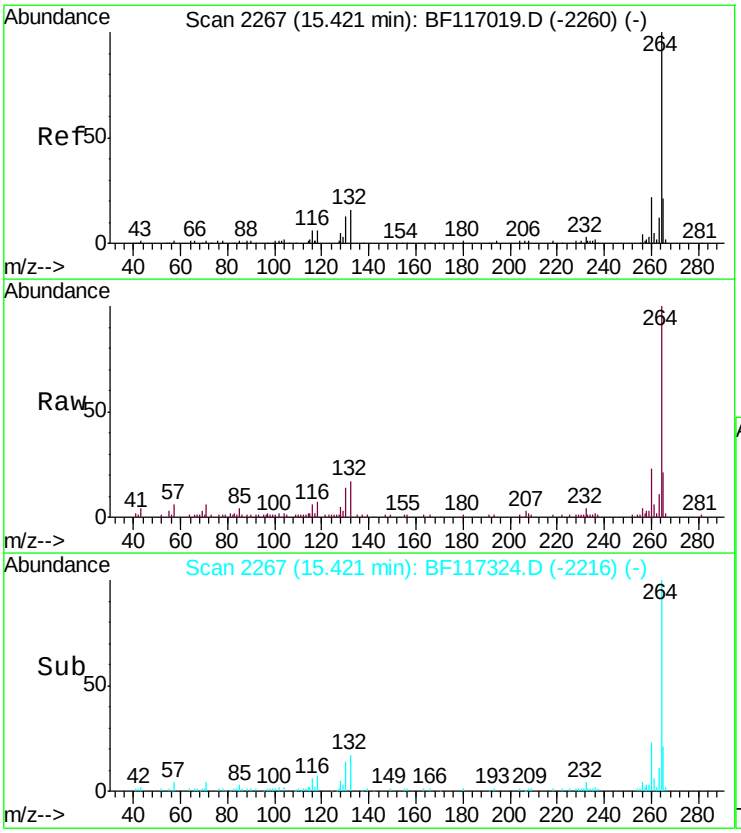
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.129 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.02 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:276 Resp: 12879

Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.7	31.1
277	25.5	19.8	29.8

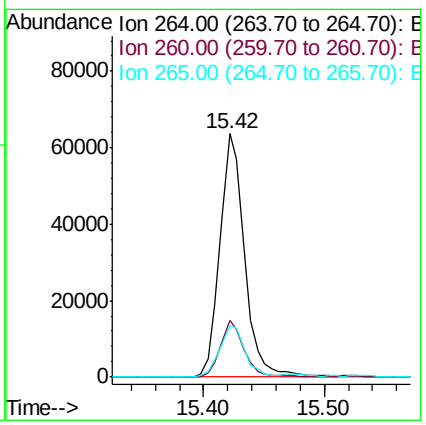


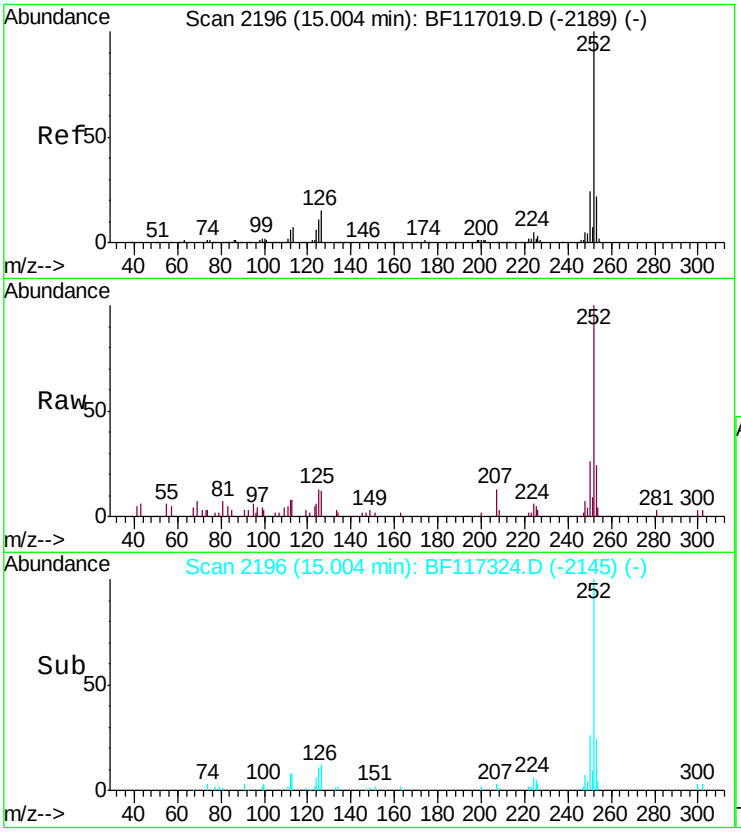


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:264 Resp: 89985

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	21.4	16.6	24.8



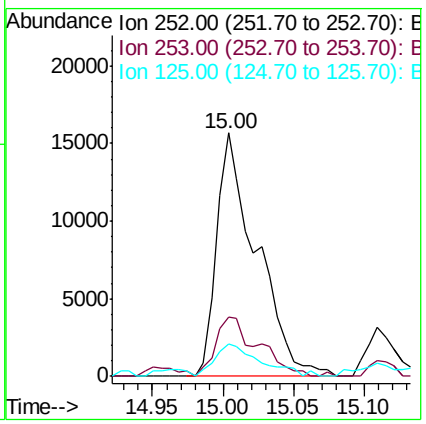


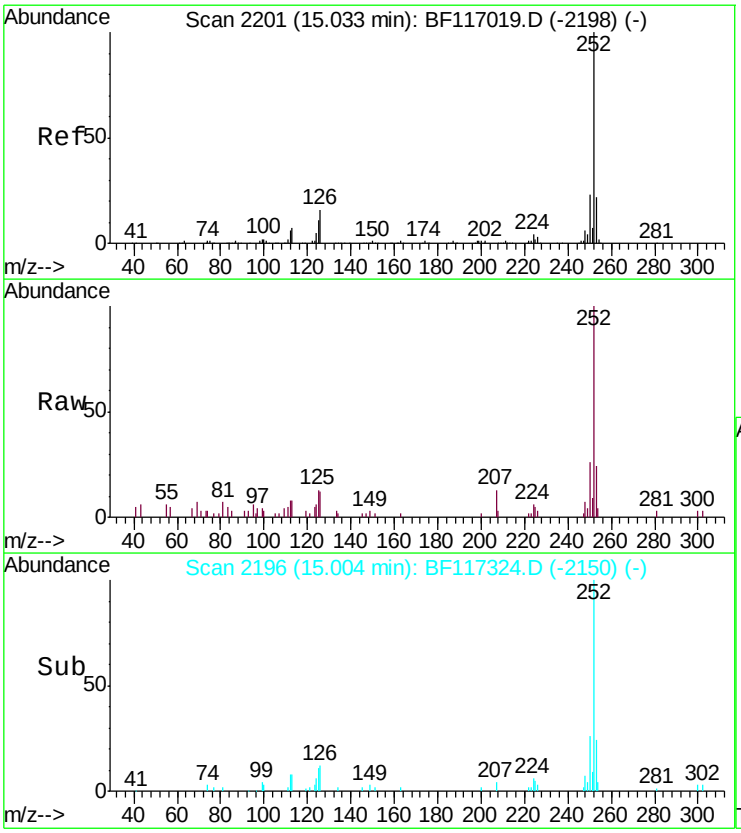
#88
Benzo(b)fluoranthene
Concen: 5.633 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:252 Resp: 30704

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	13.4	8.6	12.8#

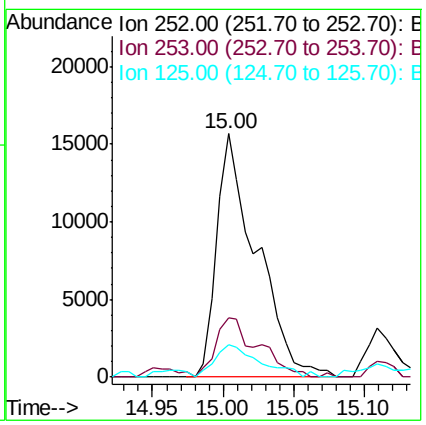


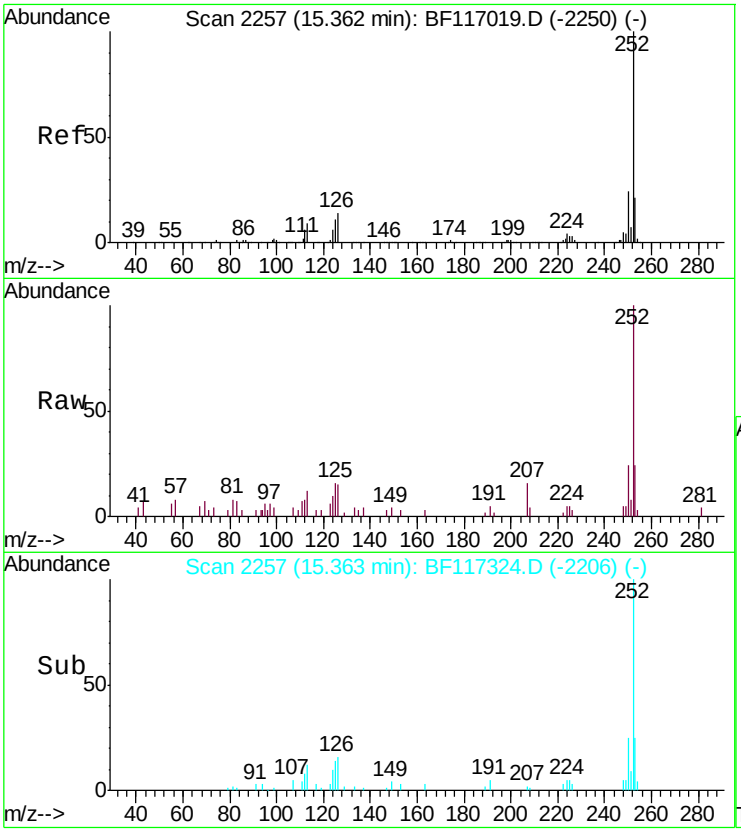


#89
Benzo(k)fluoranthene
Concen: 5.947 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.03 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:252 Resp: 30704

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	13.4	8.8	13.2#



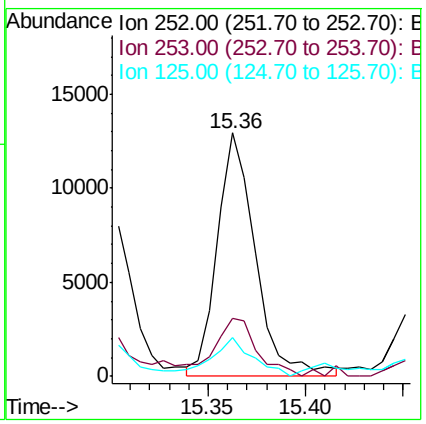


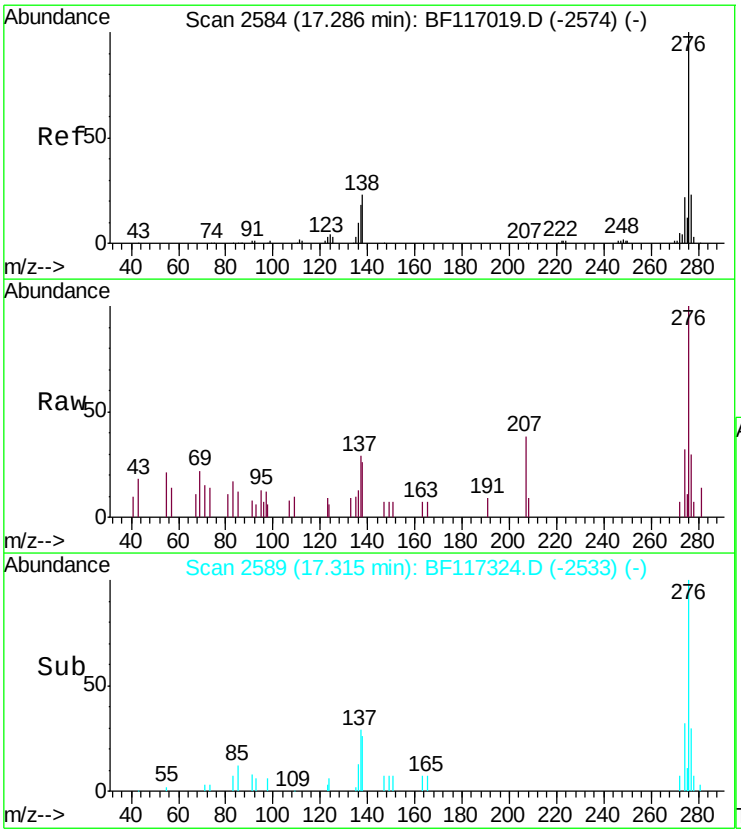
#90
Benzo(a)pyrene
Concen: 3.680 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Instrument :
BNA_F
ClientSampleId :
CSA-3-2

Tgt Ion:252 Resp: 17600

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.6	25.0
125	15.9	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 3.258 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.03 min
Lab File: BF117324.D
Acq: 3 Oct 2019 18:53

Tgt Ion:276 Resp: 12370

Ion	Ratio	Lower	Upper
276	100		
277	29.5	18.6	27.8#
138	26.1	18.0	27.0