Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101019\
Data File : BF117369.D
Acq On : 10 Oct 2019 19:22
Operator : JU
Sample : K5145-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-100919

Quant Time: Oct 11 05:27:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42711	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	175441	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	85186	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	120155	20.00	ng		-0.01
76) Chrysene-d12	13.96	240	84398	20.00	ng		-0.01
87) Perylene-d12	15.42	264	96222	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	95384	34.87	ng		0.00
7) Phenol-d6	6.44	99	140240	39.67	ng		-0.01
23) Nitrobenzene-d5	7.36	82	80125	24.00	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	22963	32.25	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	150691	27.66	ng		-0.01
79) Terphenyl-d14	12.90	244	101471	22.47	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	2200	Below Cal			93
19) n-Nitroso-di-n-propylamine	7.36	70	10469	4.863	ng	#	77
25) Isophorone	7.36	82	80125	13.553	ng	#	66
50) Dimethylphthalate	9.55	163	15682	2.600	ng		99
51) 2,6-Dinitrotoluene	9.83	165	11223	9.136	ng	#	26
57) 2,4-Dinitrotoluene	9.83	165	11223	7.038	ng	#	20
75) Fluoranthene	12.53	202	24219	3.454	ng		98
78) Pyrene	12.76	202	38605	5.451	ng		97
81) Benzo(a)anthracene	13.99	228	17685	3.136	ng		96
83) Chrysene	13.99	228	17685	3.216	ng		97
86) Indeno(1,2,3-cd)pyrene	16.87	276	18856	4.700	ng	#	91
88) Benzo(b)fluoranthene	15.00	252	53850	9.239	ng	#	90
89) Benzo(k)fluoranthene	15.00	252	53850	9.753	ng	#	89
90) Benzo(a)pyrene	15.36	252	33670	6.583	ng	#	90
92) Benzo(g,h,i)perylene	17.32	276	18808	4.632	ng		96

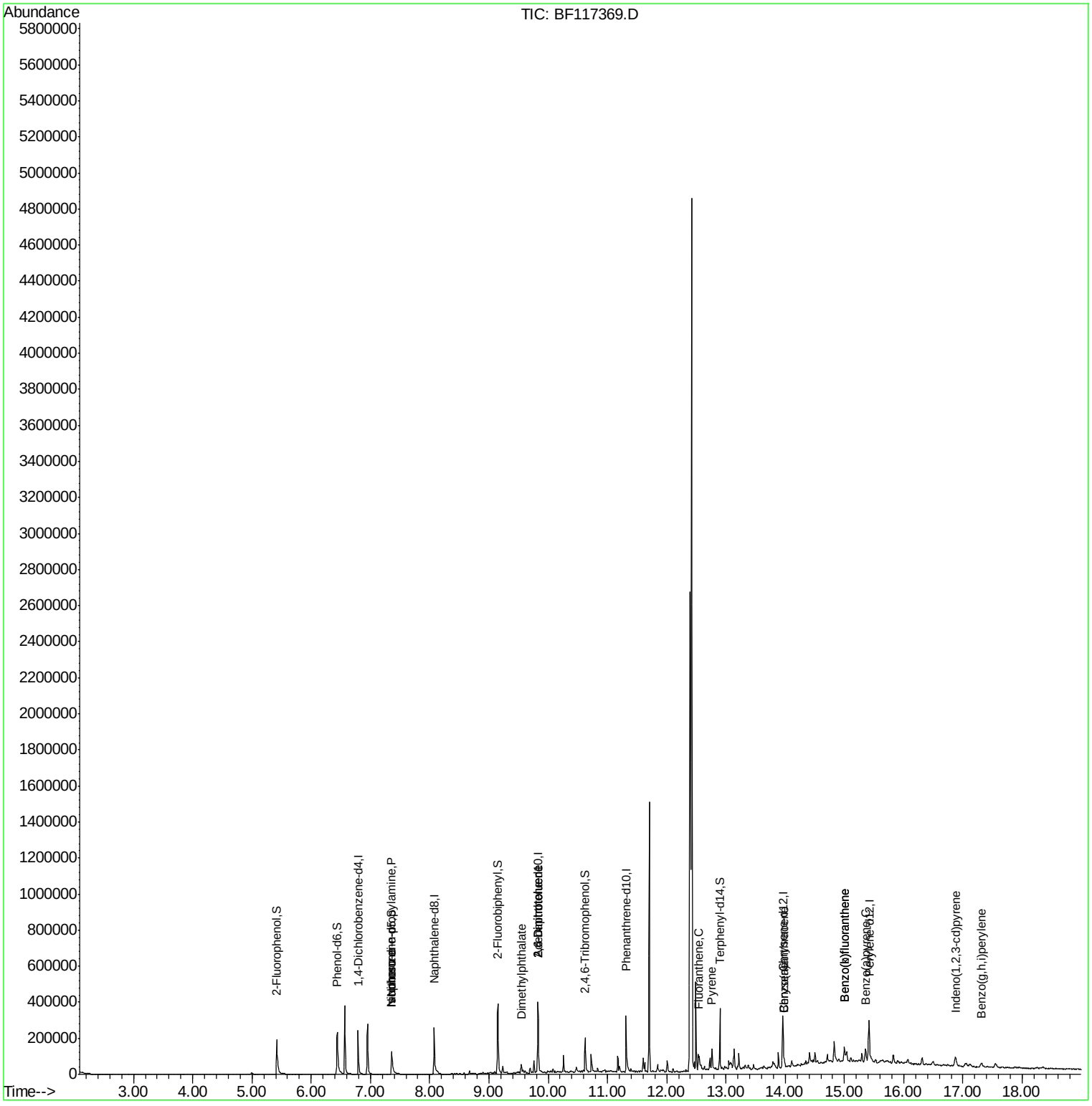
(#) = qualifier out of range (m) = manual integration (+) = signals summed

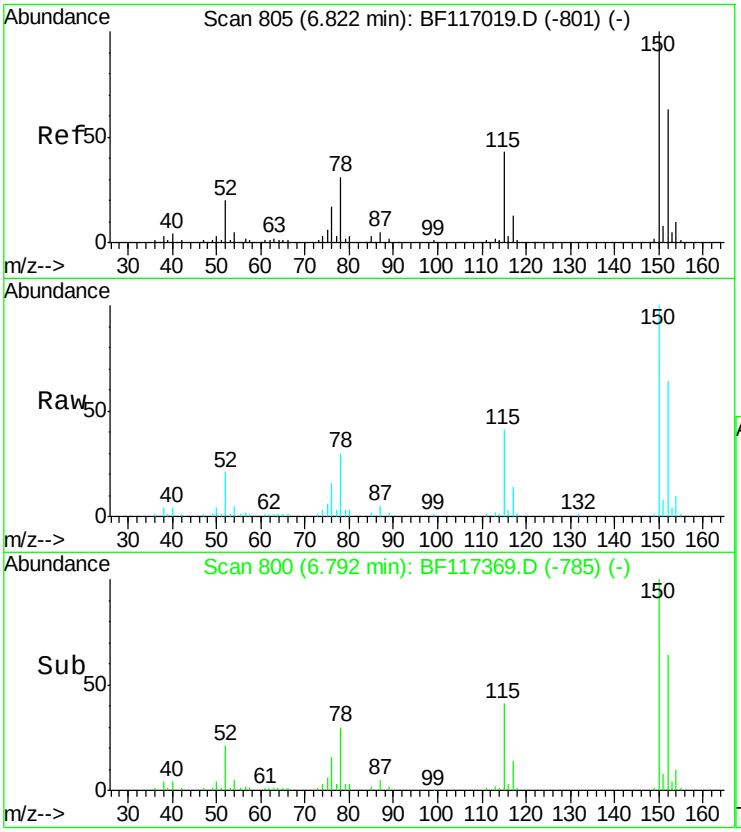
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101019\
Data File : BF117369.D
Acq On : 10 Oct 2019 19:22
Operator : JU
Sample : K5145-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Quant Time: Oct 11 05:27:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration



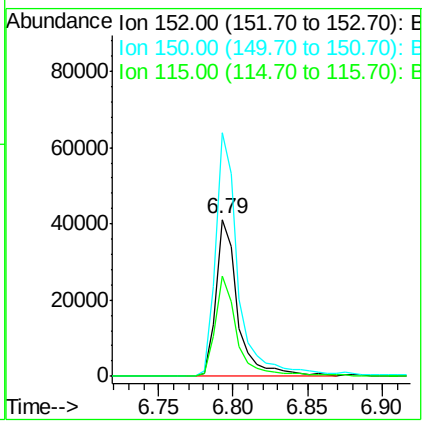


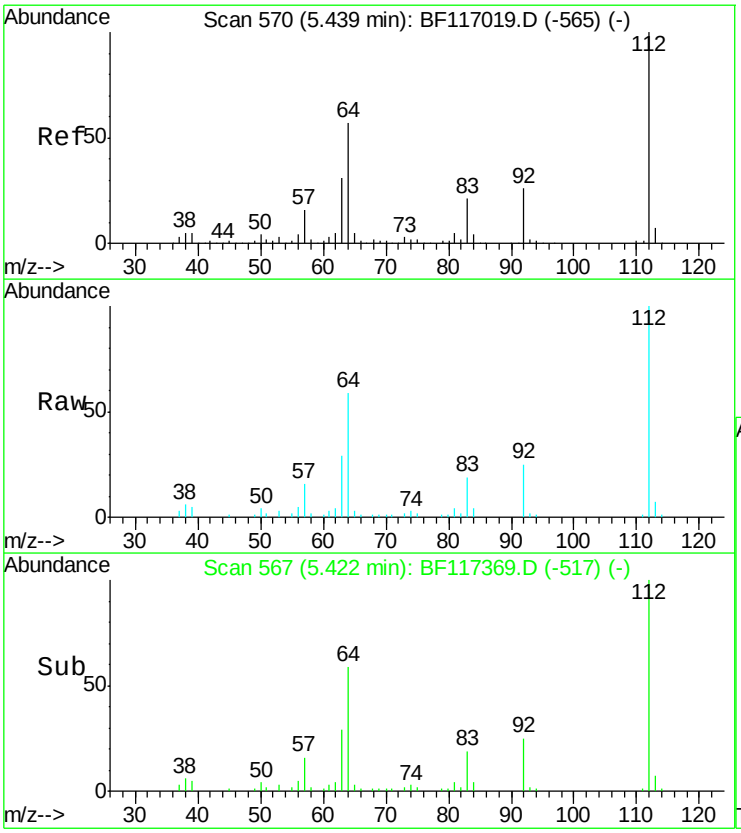
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:152 Resp: 42711

Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.5	191.3
115	63.6	55.0	82.4

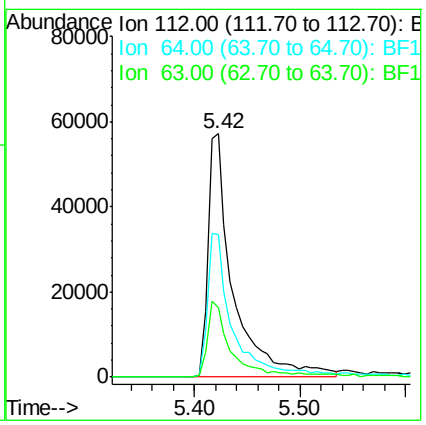


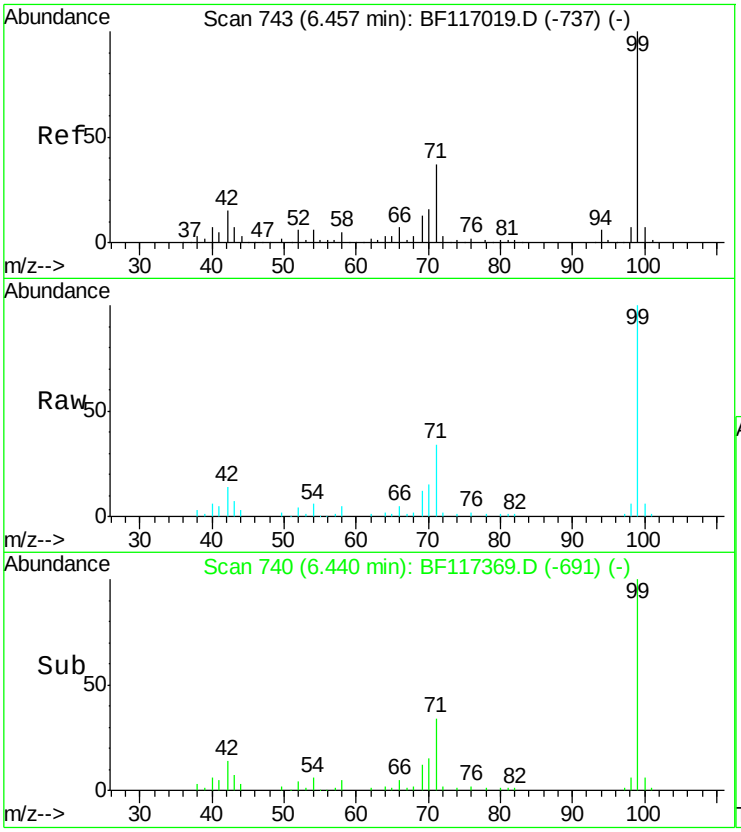


#5
2-Fluorophenol
Concen: 34.866 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:112 Resp: 95384

Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.7	68.5
63	28.5	24.9	37.3



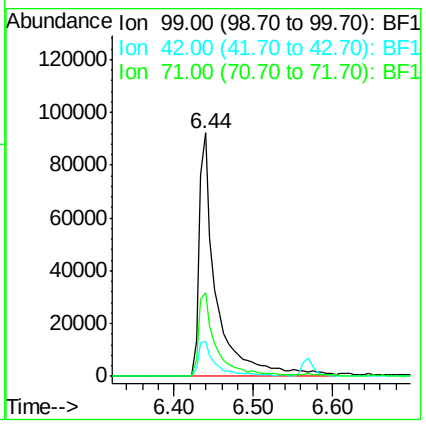


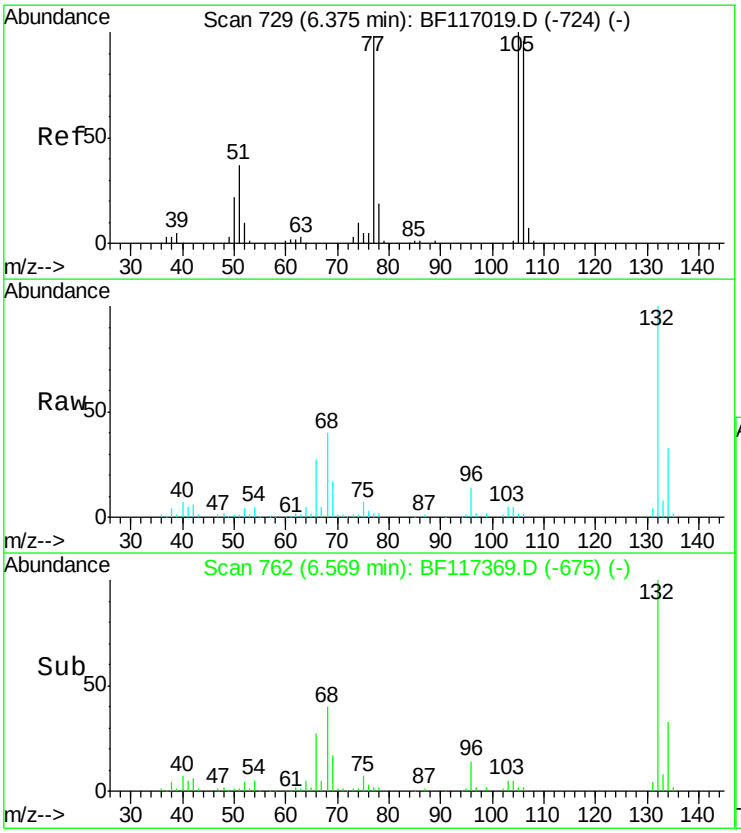
#7
Phenol-d6
Concen: 39.666 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion: 99 Resp: 140240

Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.2	18.2
71	34.3	29.8	44.8

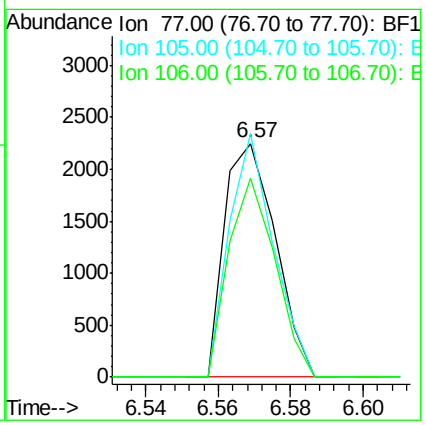


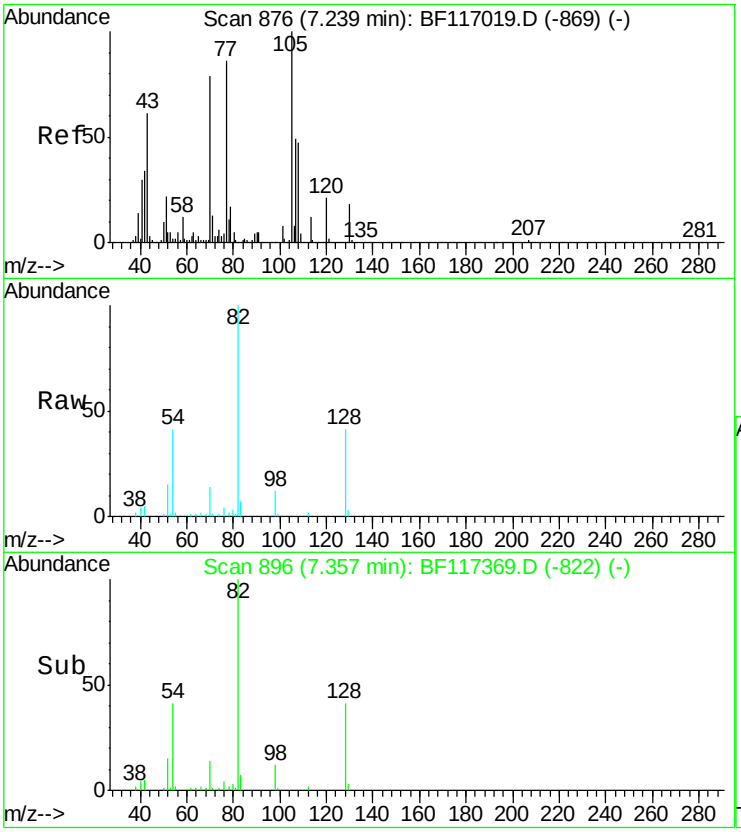


#9
Benzaldehyde
Concen: Below Cal
RT: 6.57 min Scan# 762
Delta R.T. 0.21 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion: 77 Resp: 2200

Ion	Ratio	Lower	Upper
77	100		
105	104.1	81.8	121.8
106	84.8	77.3	117.3



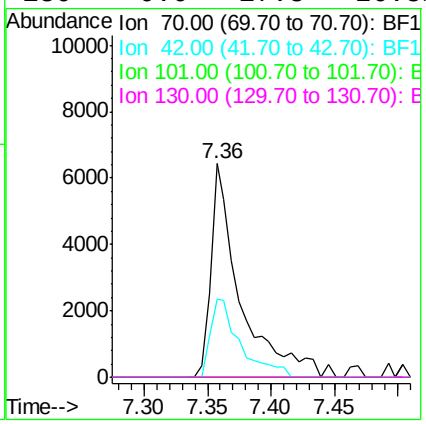


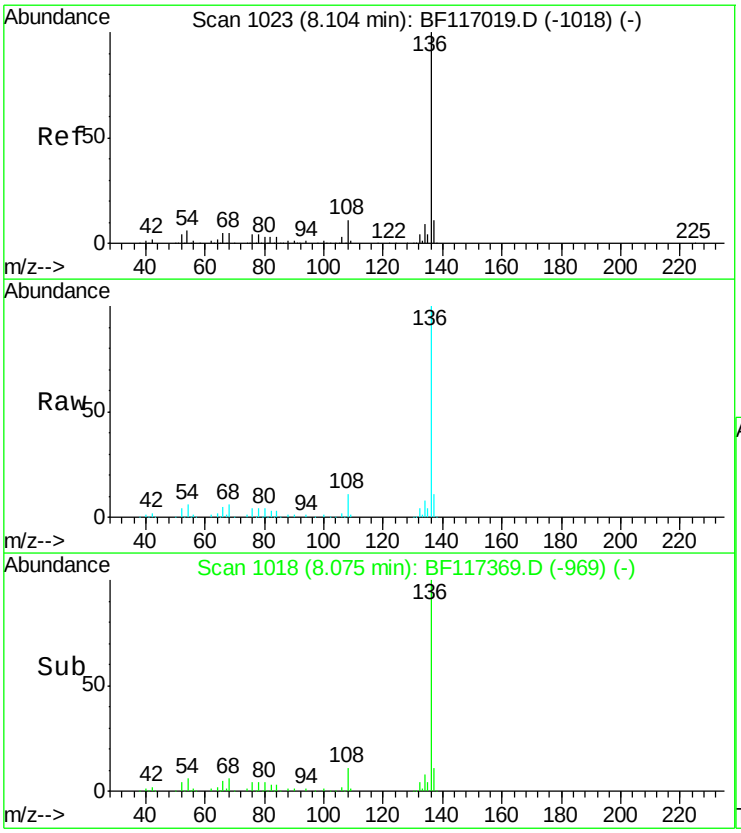
#19
n-Nitroso-di-n-propylamine
Concen: 4.863 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion: 70 Resp: 10469

Ion	Ratio	Lower	Upper
70	100		
42	36.4	34.0	51.0
101	0.0	7.8	11.6#
130	0.0	17.8	26.8#

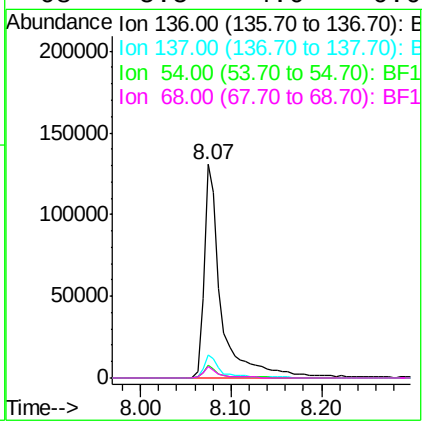


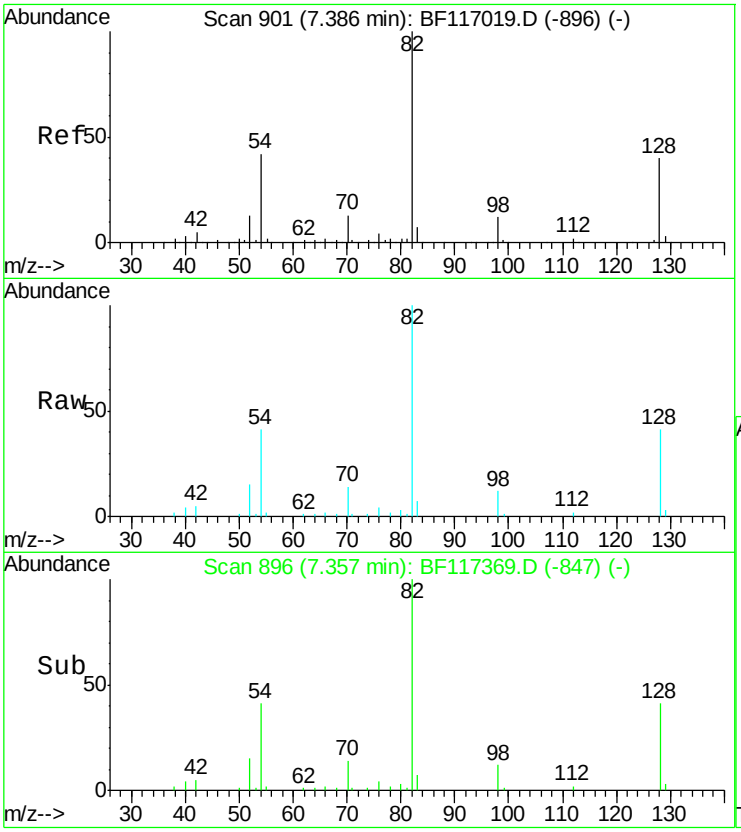


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:136 Resp: 175441

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.1	4.5	6.7
68	5.5	4.0	6.0



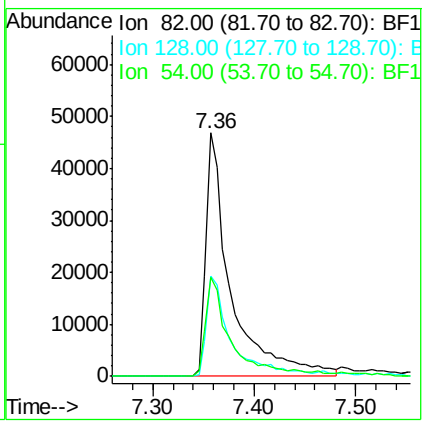


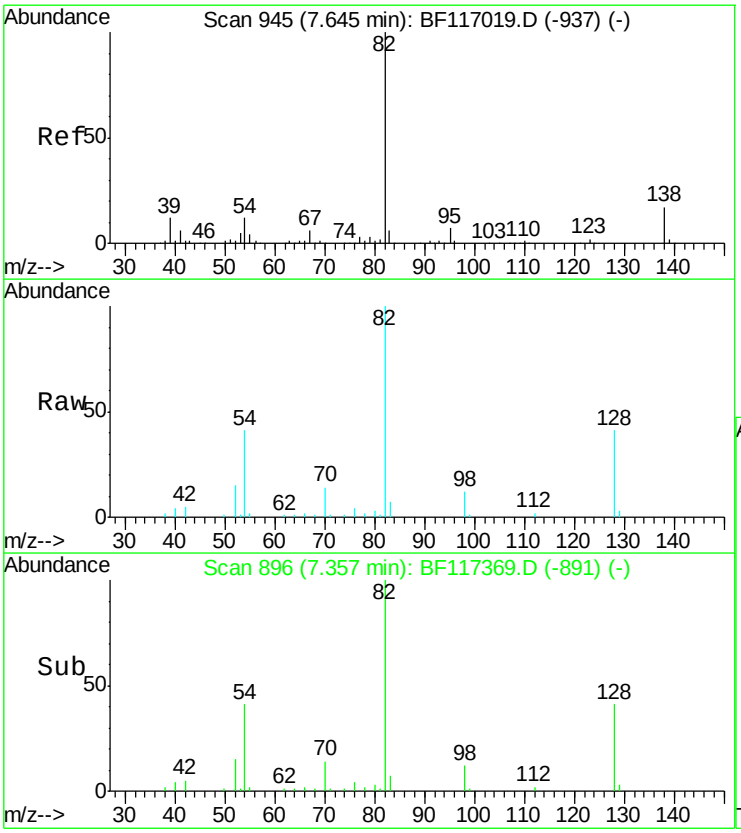
#23
Nitrobenzene-d5
Concen: 23.996 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion: 82 Resp: 80125

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.3	48.5
54	40.5	33.3	49.9

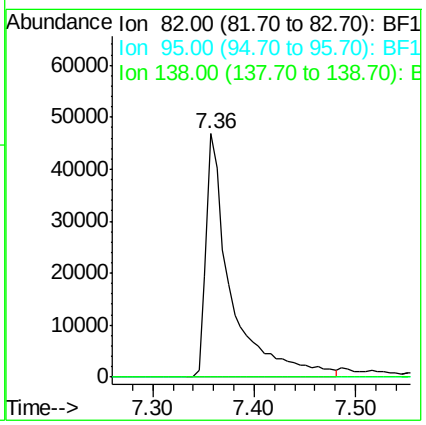


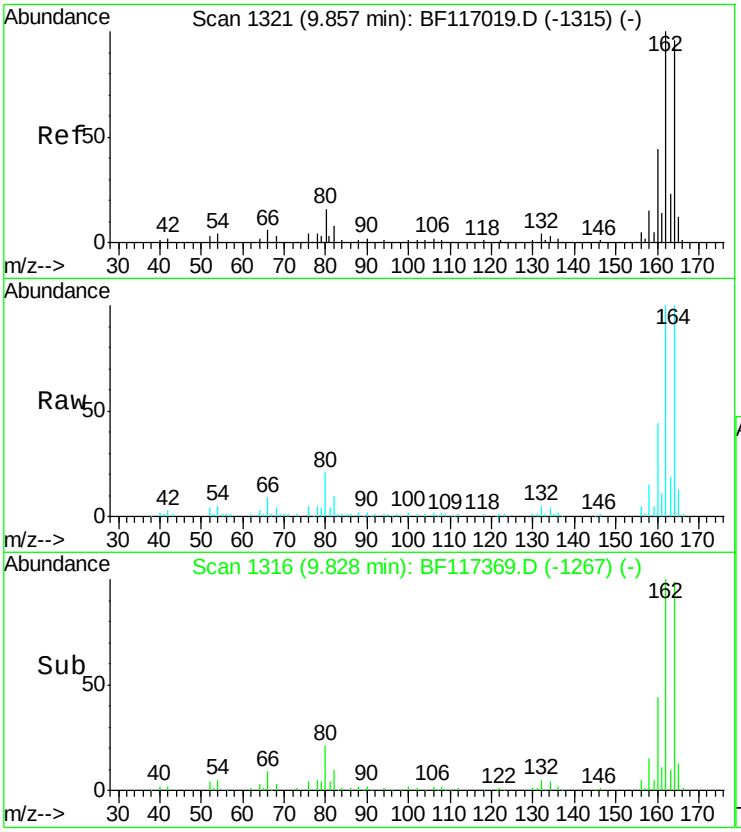


#25
Isophorone
Concen: 13.553 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion: 82 Resp: 80125

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



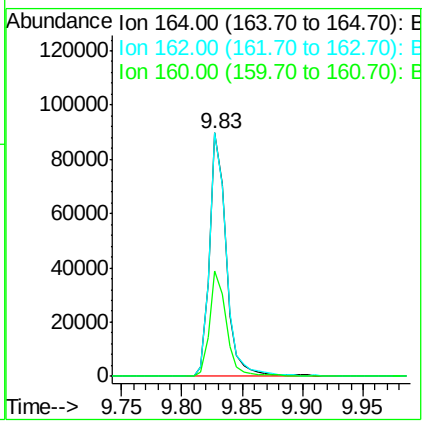


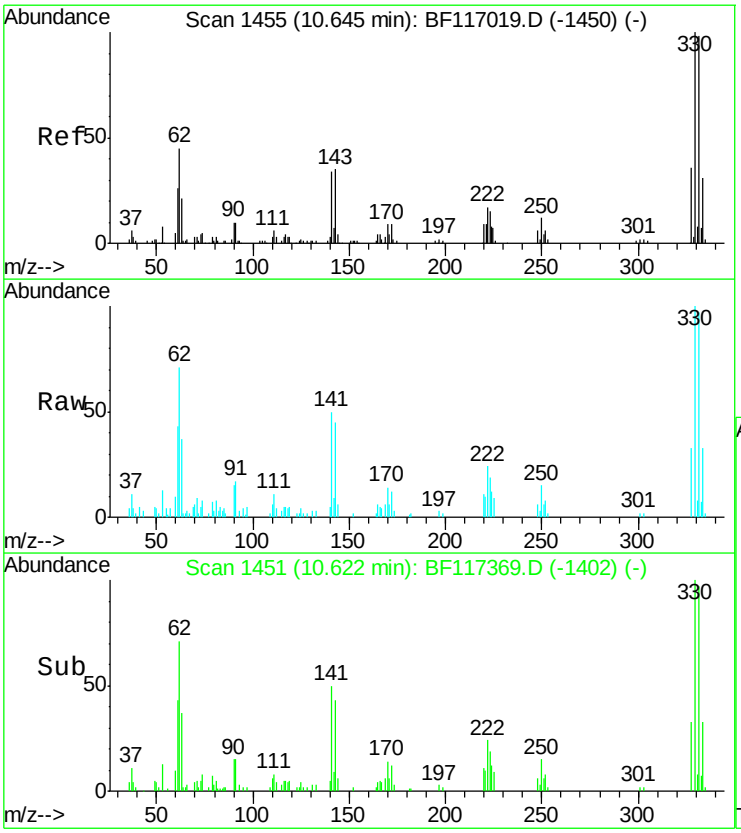
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:164 Resp: 85186

Ion	Ratio	Lower	Upper
164	100		
162	100.1	83.4	125.2
160	43.6	36.4	54.6

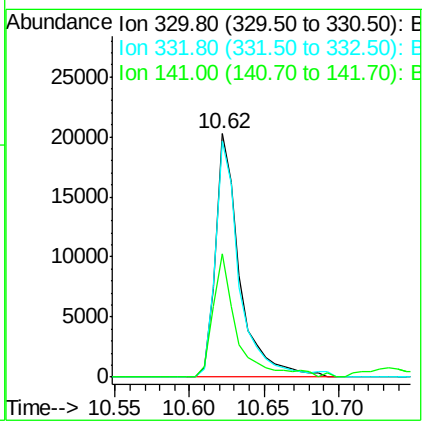


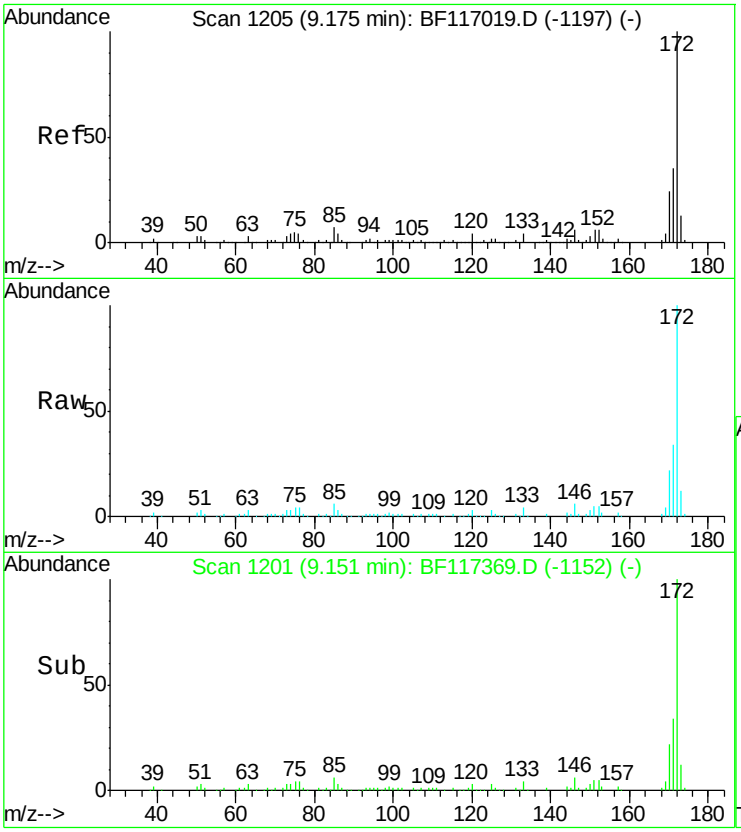


#42
2,4,6-Tribromophenol
Concen: 32.253 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:330 Resp: 22963

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.0	117.0
141	49.8	35.8	53.6



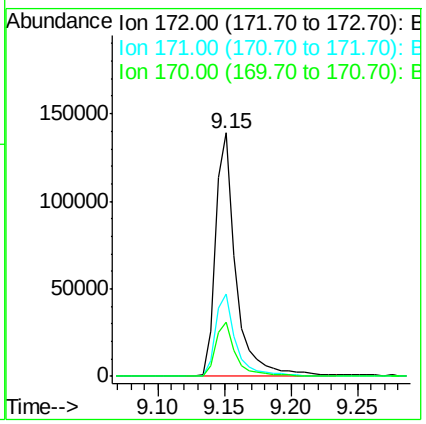


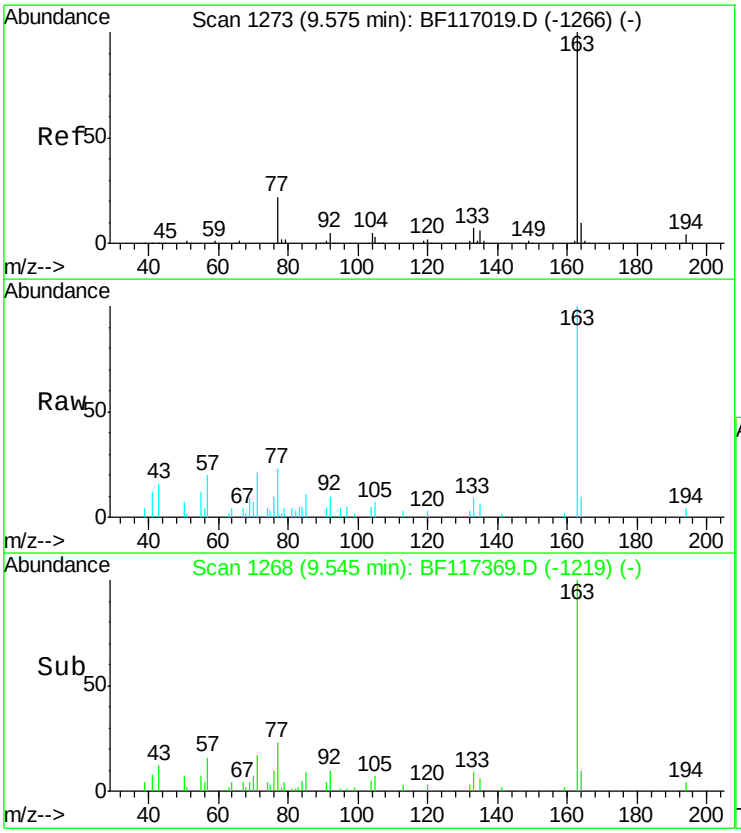
#45
2-Fluorobiphenyl
Concen: 27.659 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:172 Resp: 150691

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.2	42.2
170	22.4	18.9	28.3

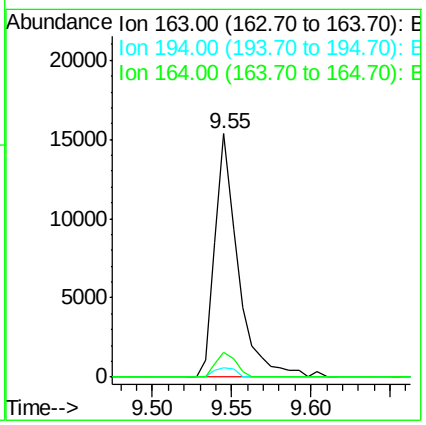


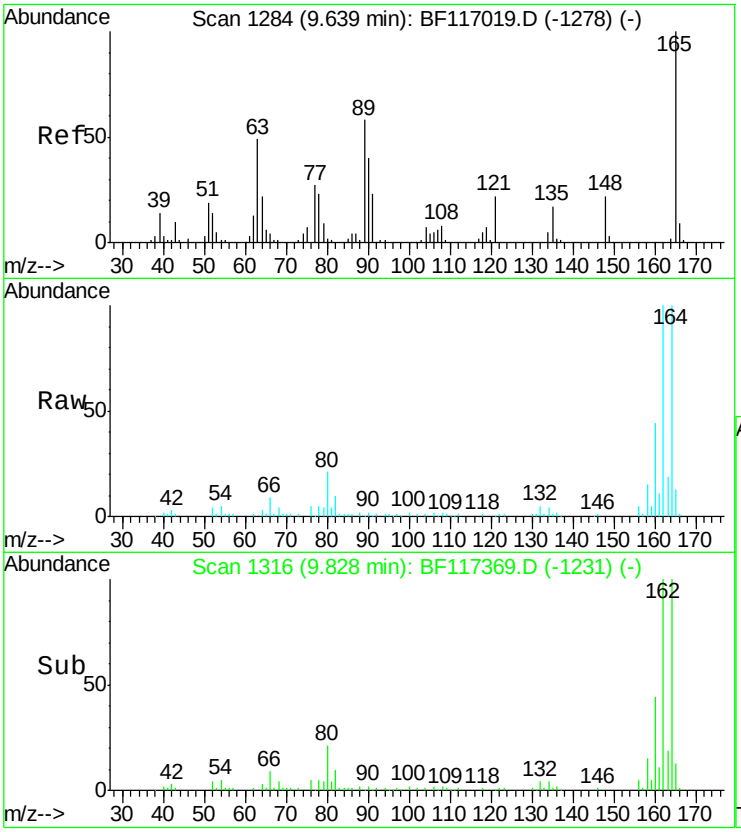


#50
Dimethylphthalate
Concen: 2.600 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:163 Resp: 15682

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.9	4.3
164	10.4	8.2	12.4



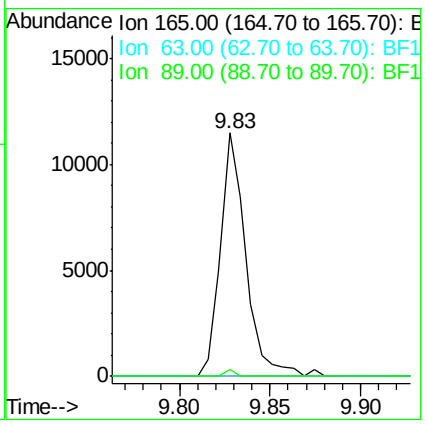


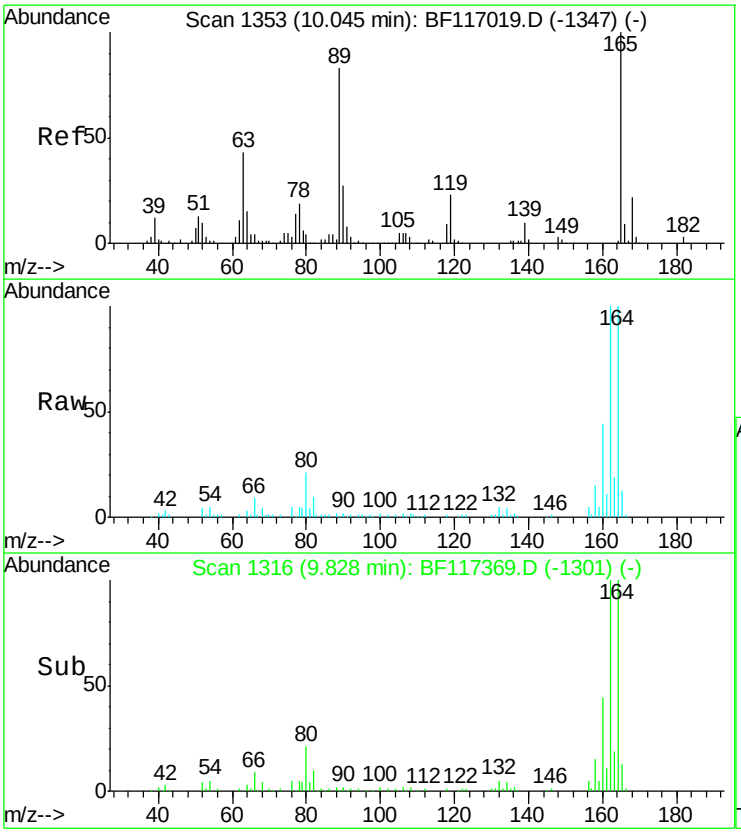
#51
2,6-Dinitrotoluene
Concen: 9.136 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:165 Resp: 11223

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	2.6	46.5	69.7#

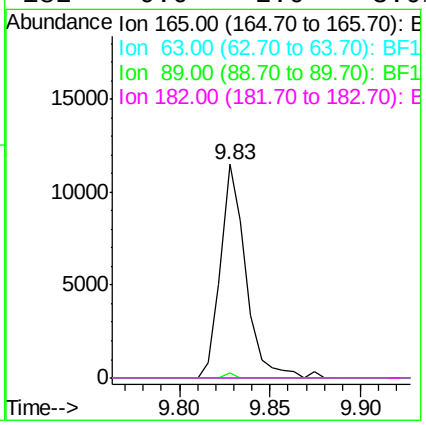


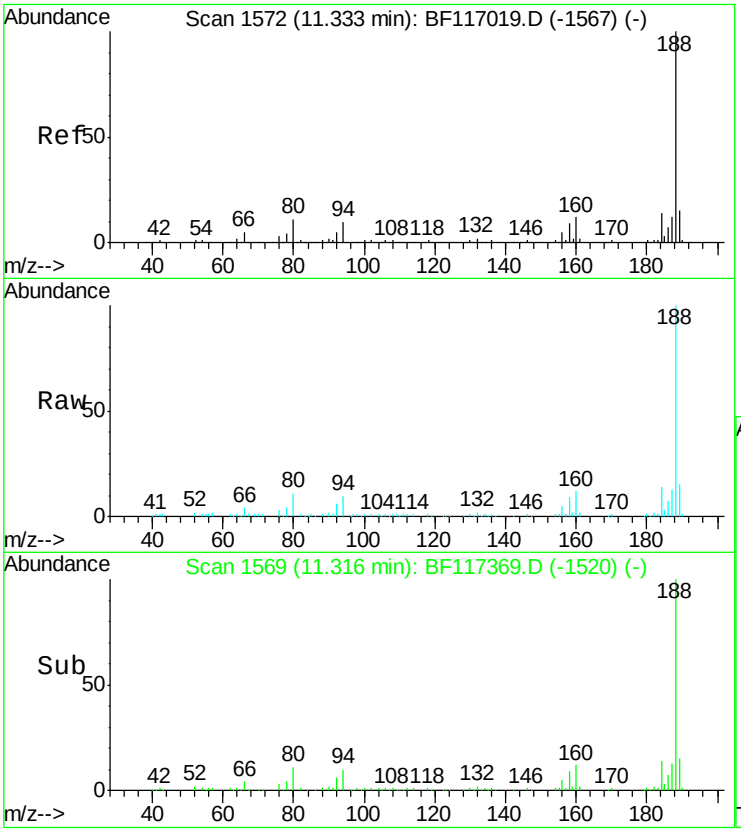


#57
2,4-Dinitrotoluene
Concen: 7.038 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:165 Resp: 11223

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	2.6	66.1	99.1#
182	0.0	2.0	3.0#



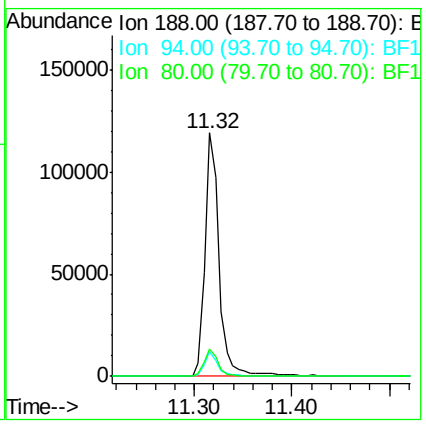


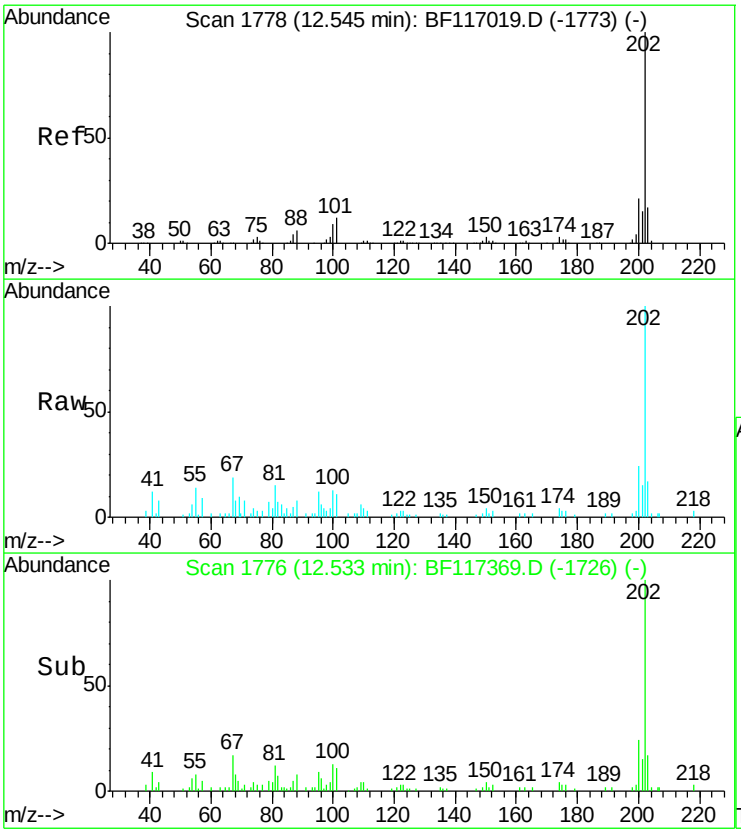
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:188 Resp: 120155

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	11.1	9.0	13.6

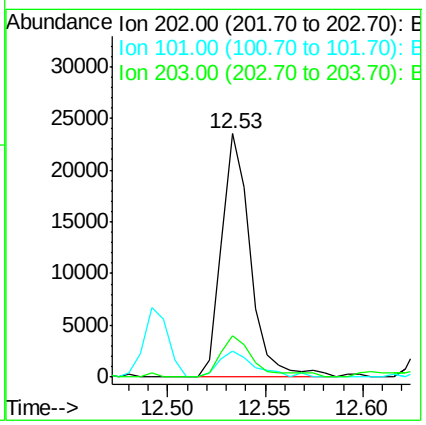


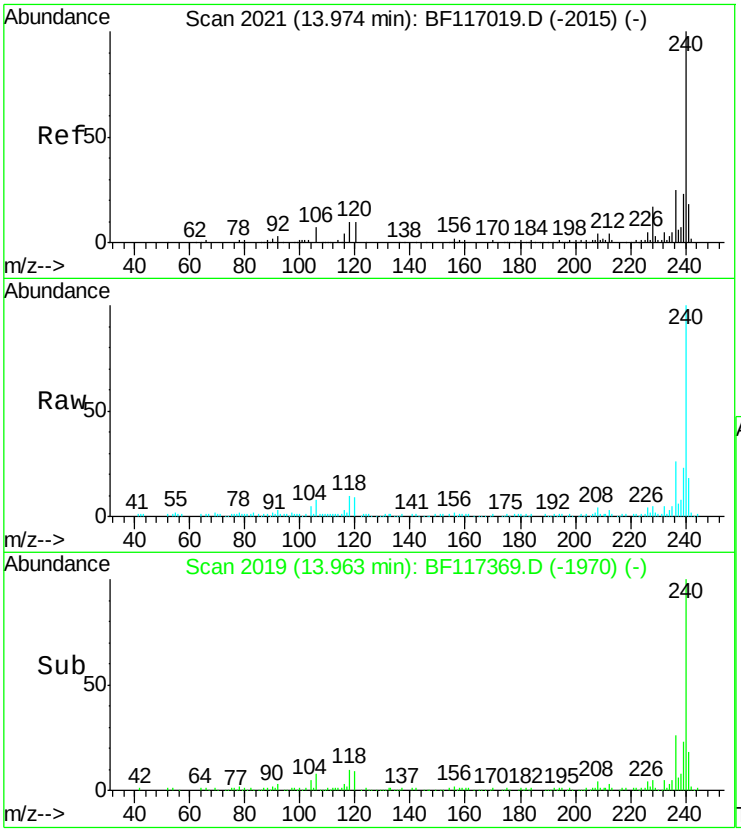


#75
Fluoranthene
Concen: 3.454 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:202 Resp: 24219

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.3
203	17.0	0.0	37.1



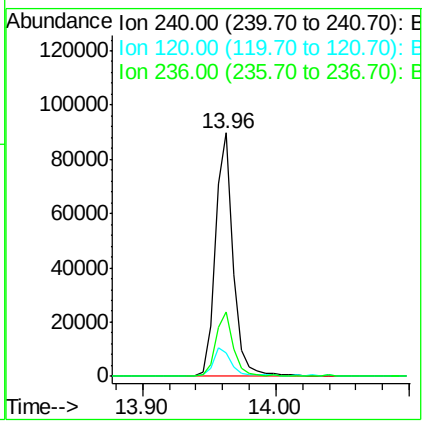


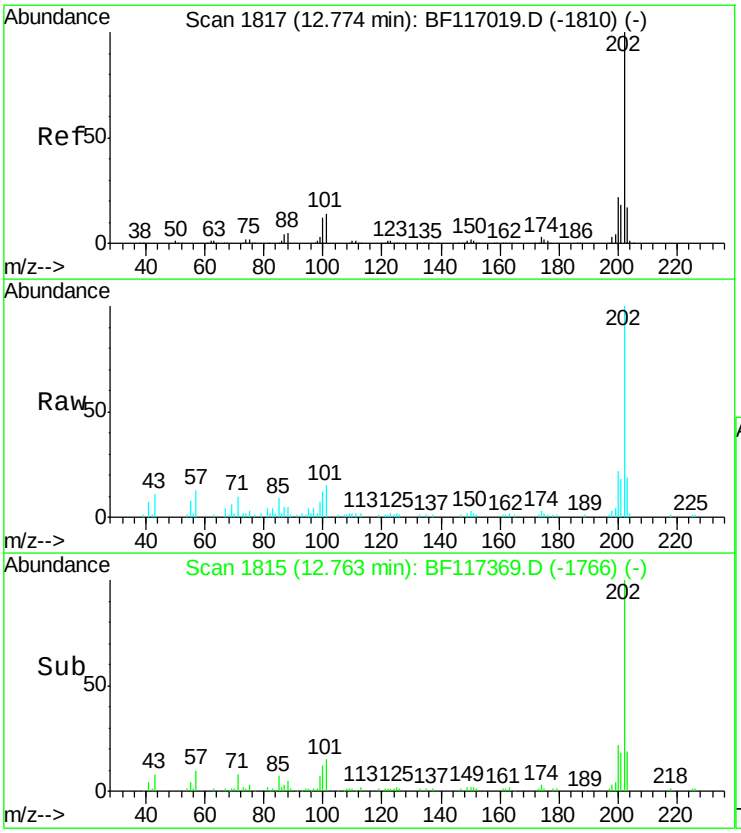
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:240 Resp: 84398

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.3	12.5
236	26.3	20.3	30.5

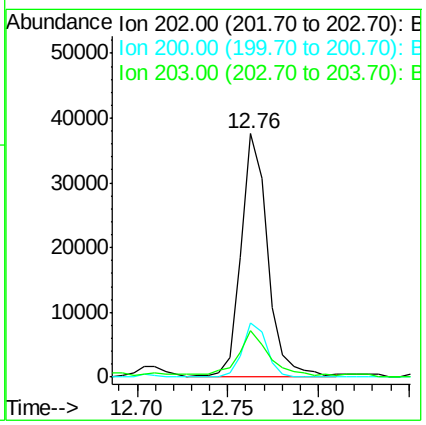


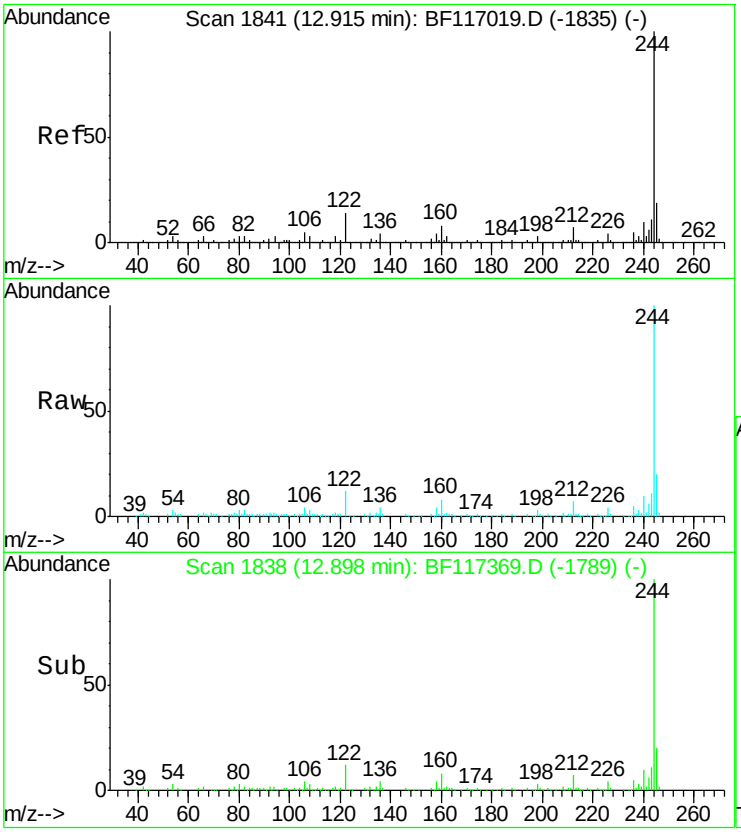


#78
Pyrene
Concen: 5.451 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:202 Resp: 38605

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.2	25.8
203	19.1	14.0	21.0



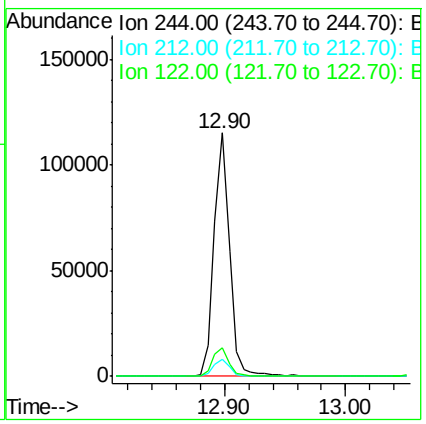


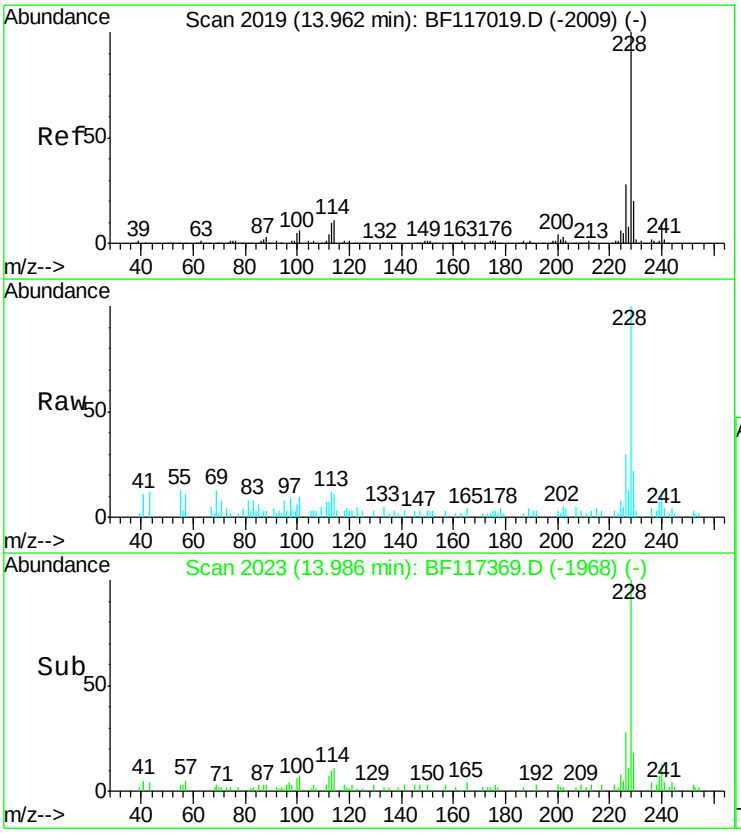
#79
Terphenyl-d14
Concen: 22.474 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:244 Resp: 101471

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.0	11.3	16.9

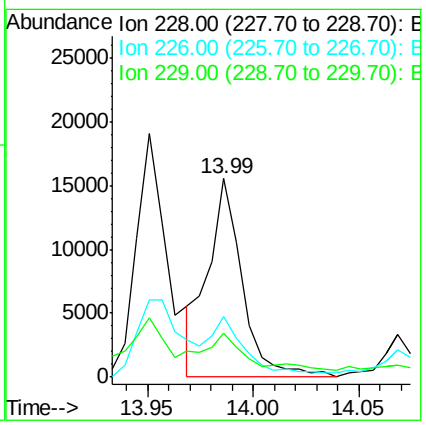


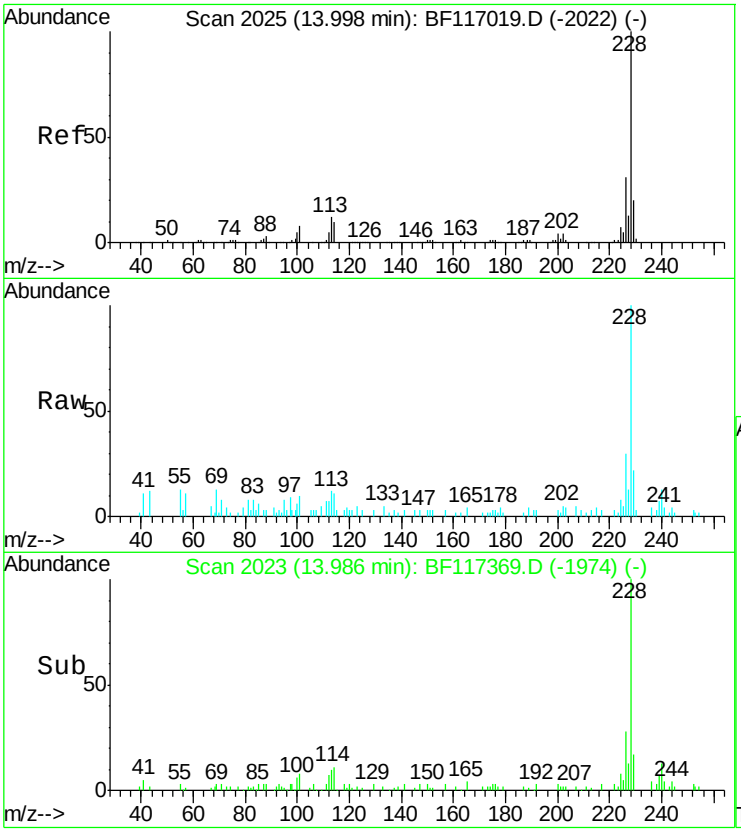


#81
Benzo(a)anthracene
Concen: 3.136 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.02 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:228 Resp: 17685

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.3	33.5
229	21.9	15.9	23.9



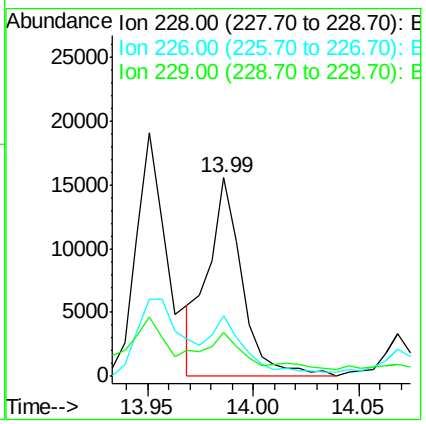


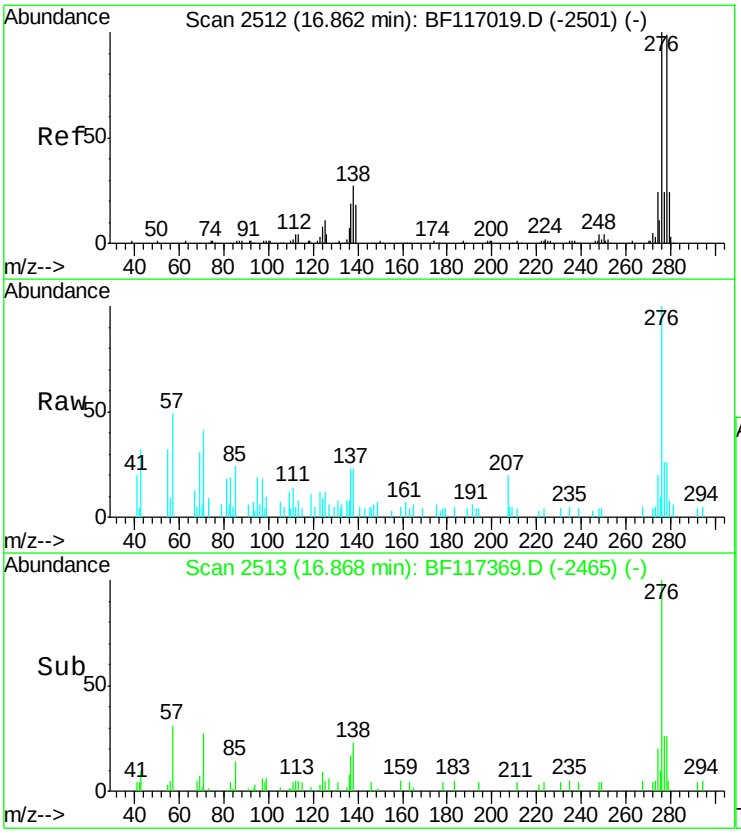
#83
Chrysene
Concen: 3.216 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:228 Resp: 17685

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	21.9	15.8	23.8

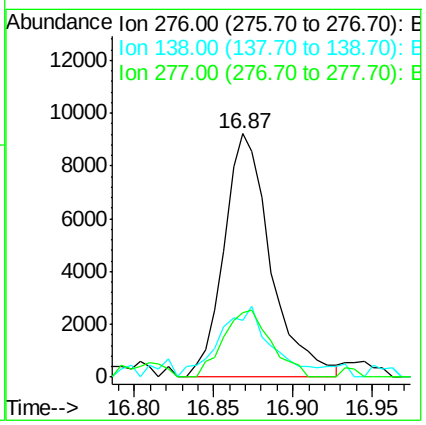


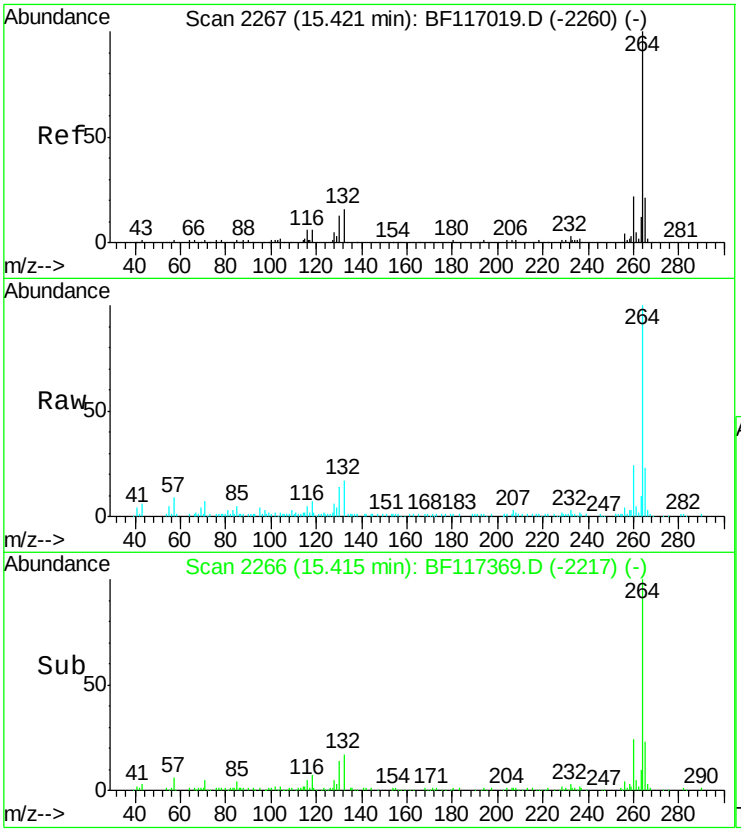


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.700 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.02 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:276 Resp: 18856

Ion	Ratio	Lower	Upper
276	100		
138	31.9	20.7	31.1#
277	27.9	19.8	29.8



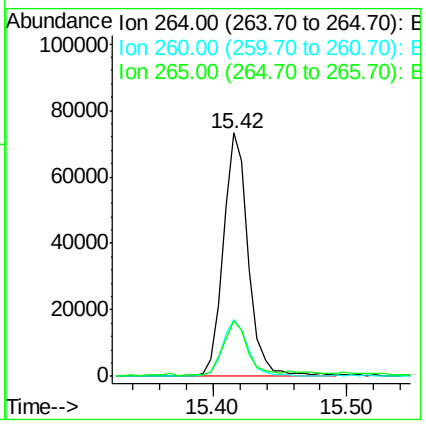


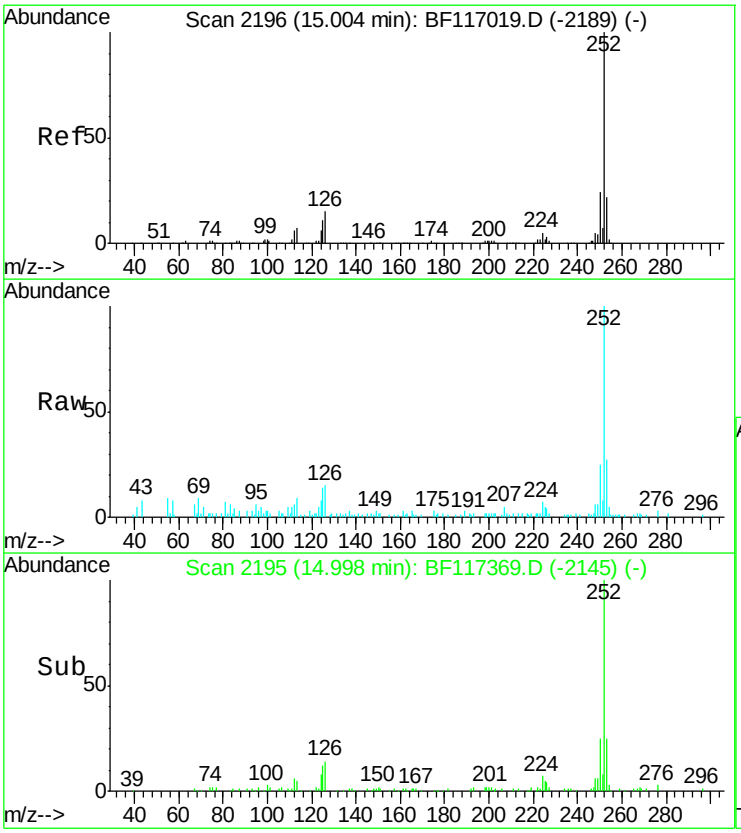
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:264 Resp: 96222

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	22.9	16.6	24.8

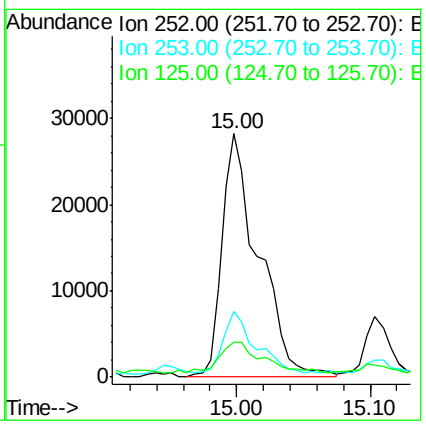


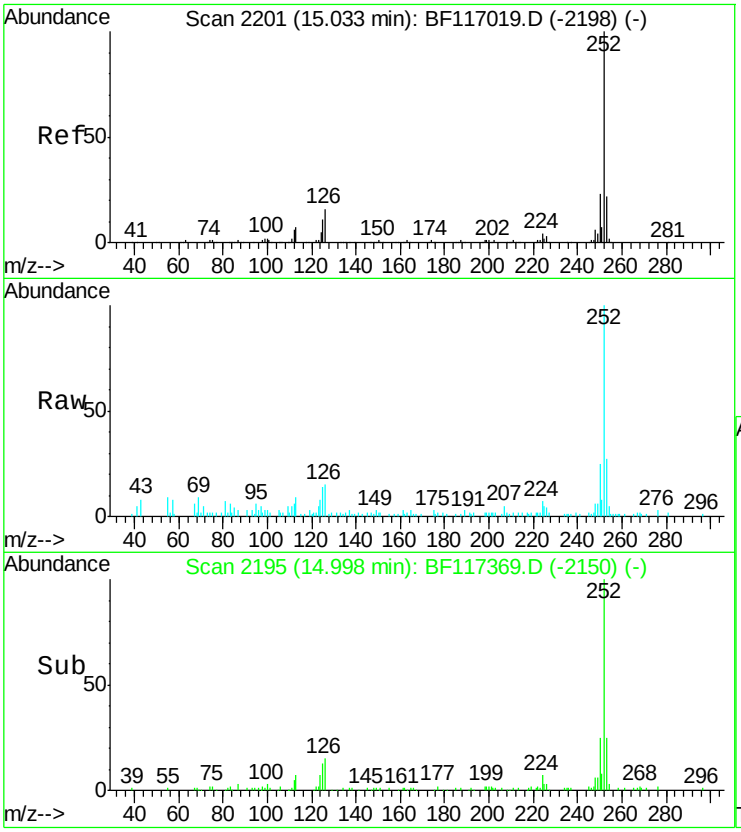


#88
Benzo(b)fluoranthene
Concen: 9.239 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:252 Resp: 53850

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.6	26.4#
125	14.5	8.6	12.8#



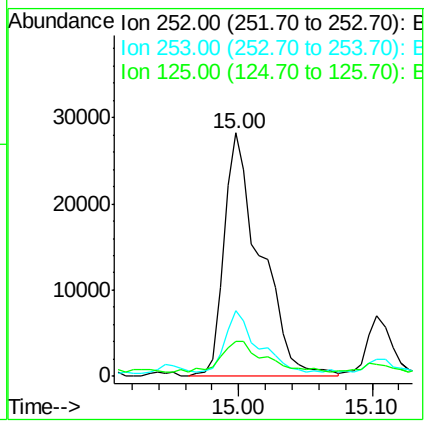


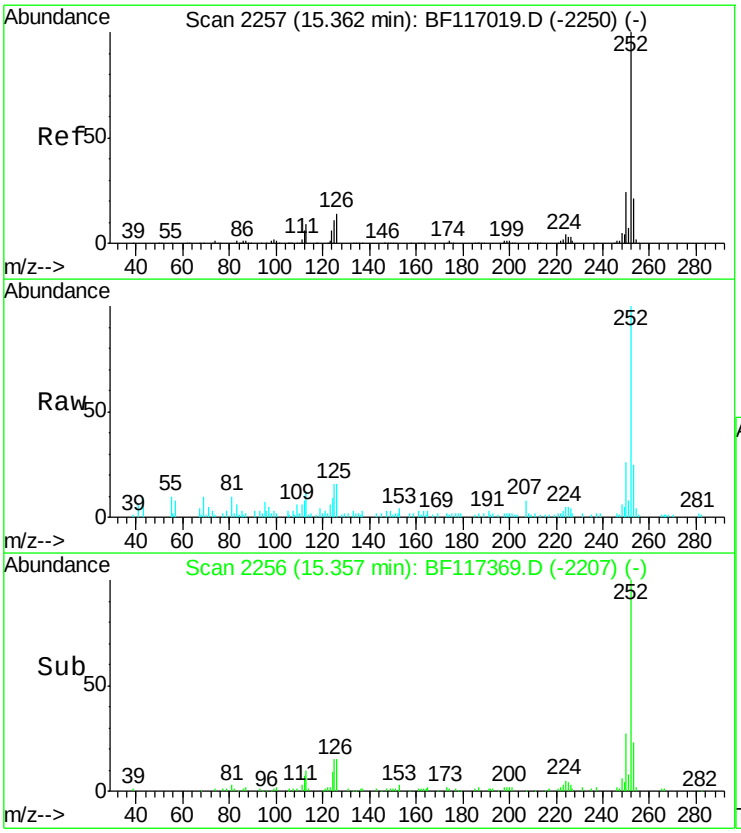
#89
Benzo(k)fluoranthene
Concen: 9.753 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:252 Resp: 53850

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.2#
125	14.5	8.8	13.2#

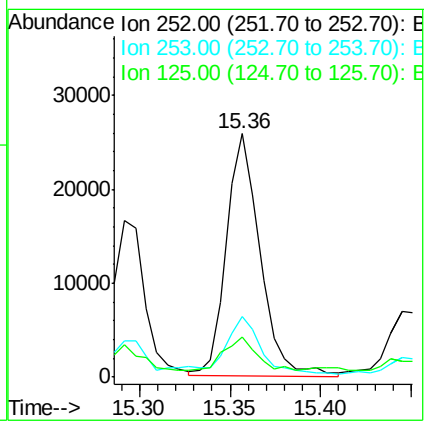


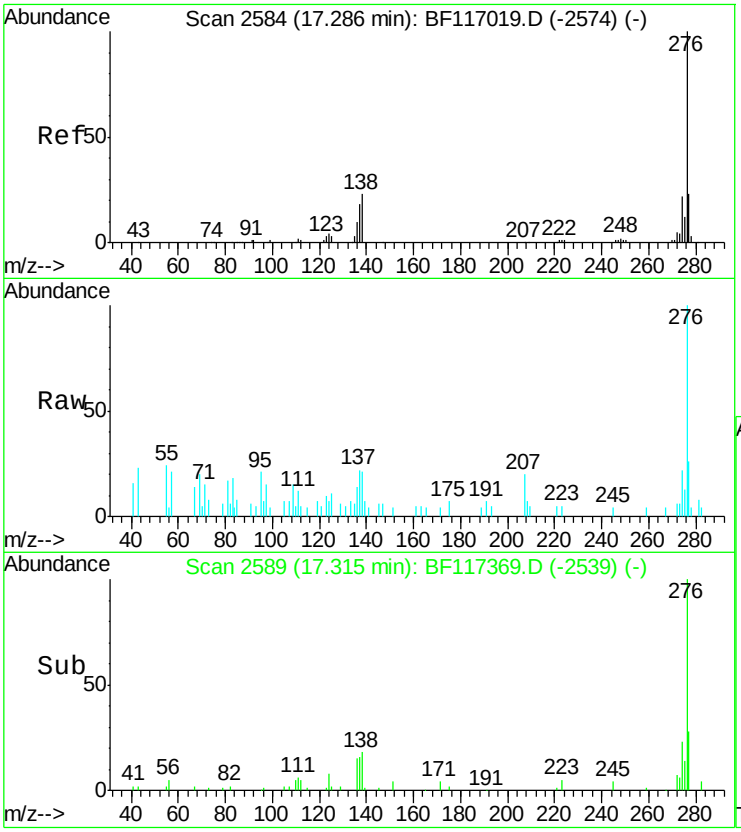


#90
Benzo(a)pyrene
Concen: 6.583 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Tgt Ion:252 Resp: 33670

Ion	Ratio	Lower	Upper
252	100		
253	24.7	16.6	25.0
125	16.4	8.9	13.3#





#92
Benzo(g,h,i)perylene
Concen: 4.632 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF117369.D
Acq: 10 Oct 2019 19:22

Instrument :
BNA_F
ClientSampleId :
HD-01-100919

Tgt Ion:276 Resp: 18808

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	27.8
138	21.4	18.0	27.0