Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120793.D
Acq On : 7 Jul 2020 17:58
Operator : JU/CG
Sample : L3228-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-217

Quant Time: Jul 08 03:07:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	150385	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	569600	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	286465	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	529247	20.00	ng	0.00
76) Chrysene-d12	14.00	240	353495	20.00	ng	0.00
86) Perylene-d12	15.47	264	297663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	771069	79.15	ng	0.00
7) Phenol-d6	6.47	99	962931	77.40	ng	0.00
23) Nitrobenzene-d5	7.40	82	658793	67.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	244365	84.91	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1208817	63.84	ng	0.00
79) Terphenyl-d14	12.96	244	1296375	71.80	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.60	163	173614	8.308	ng	99
71) Phenanthrene	11.39	178	144513	5.032	ng	98
75) Fluoranthene	12.58	202	352033	11.508	ng	98
78) Pyrene	12.81	202	340793	12.071	ng	99
81) Benzo(a)anthracene	13.99	228	130606m	5.764	ng	
83) Chrysene	14.03	228	138036	5.972	ng	99
87) Indeno(1,2,3-cd)pyrene	16.90	276	66021	3.458	ng	98
88) Benzo(b)fluoranthene	15.04	252	140893m	7.200	ng	
89) Benzo(k)fluoranthene	15.06	252	44387m	2.331	ng	
90) Benzo(a)pyrene	15.40	252	93034	5.329	ng	97
92) Benzo(g,h,i)perylene	17.34	276	72466	4.983	ng	96

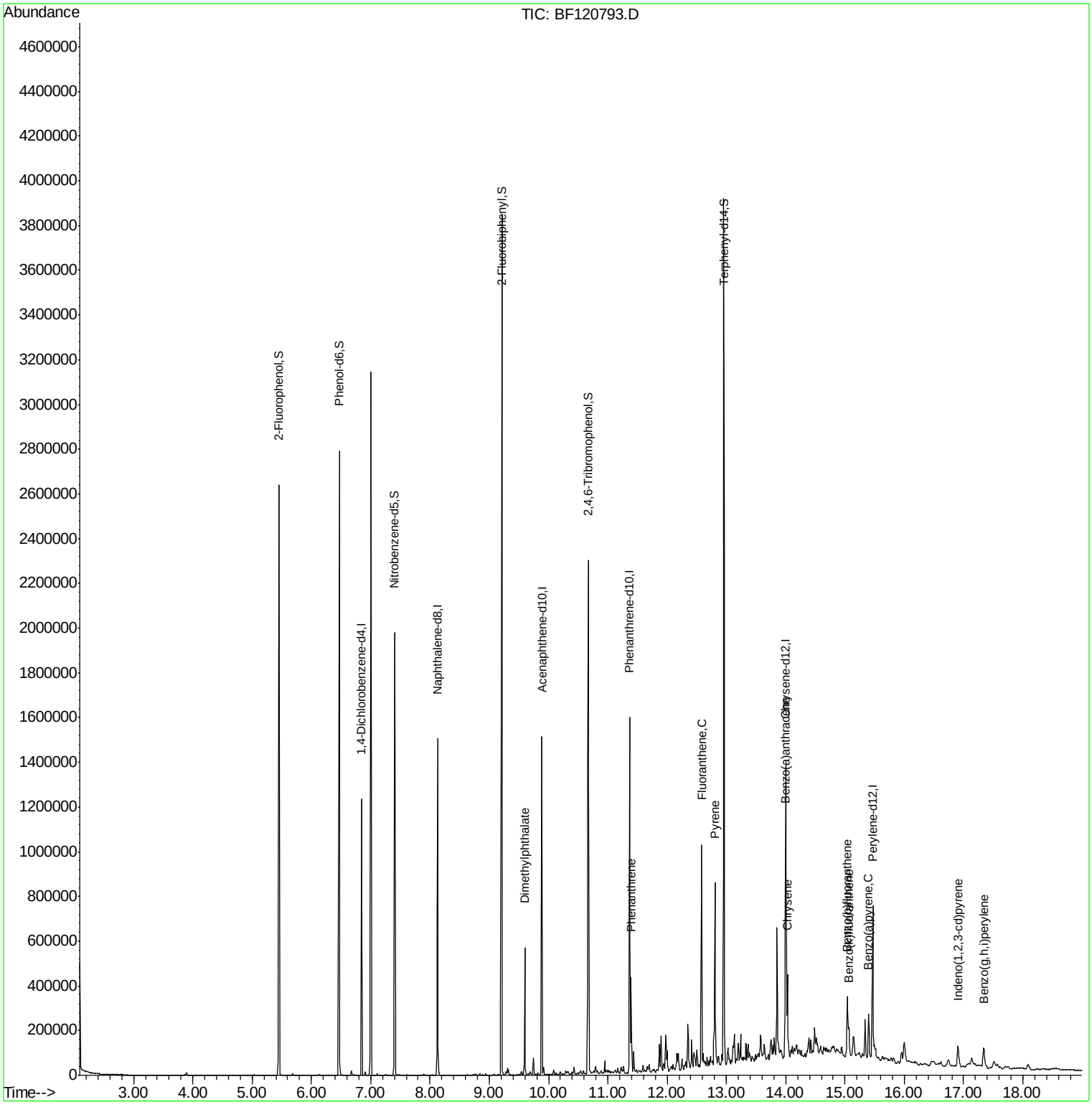
(#) = qualifier out of range (m) = manual integration (+) = signals summed

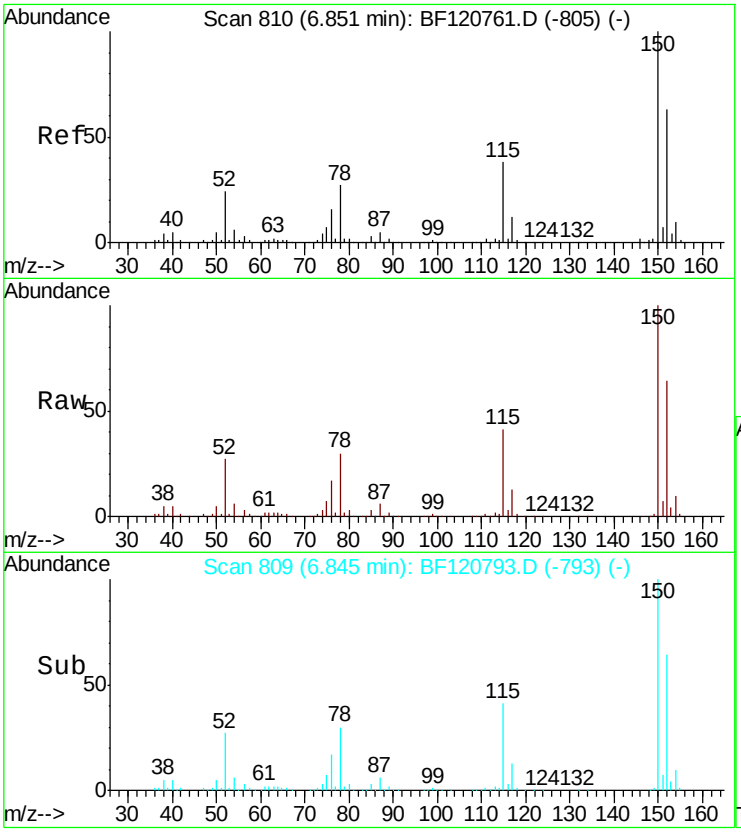
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120793.D
Acq On : 7 Jul 2020 17:58
Operator : JU/CG
Sample : L3228-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-217

Quant Time: Jul 08 03:07:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration



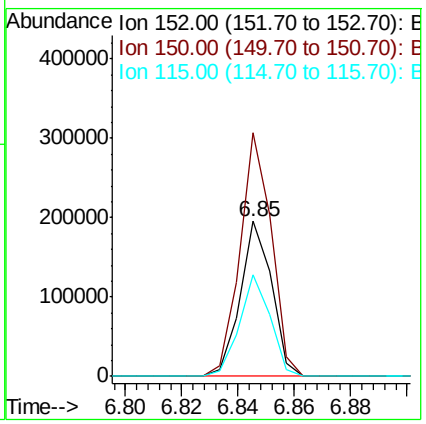


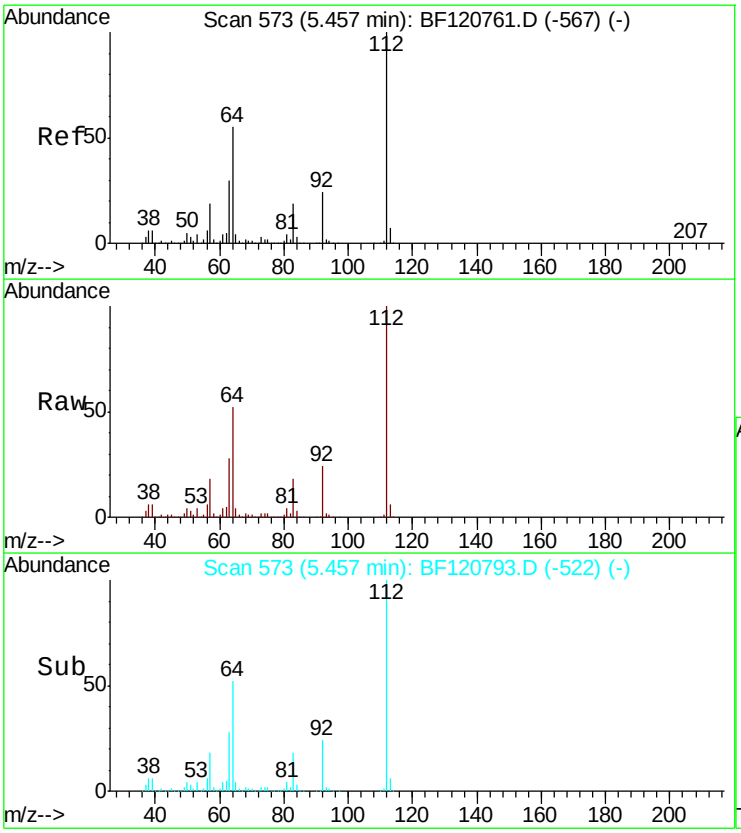
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion:152 Resp: 150385

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.1	189.1
115	65.2	48.5	72.7

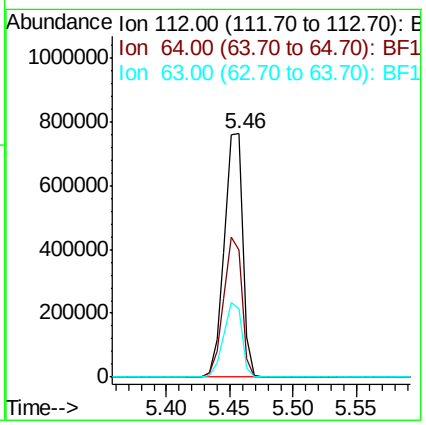


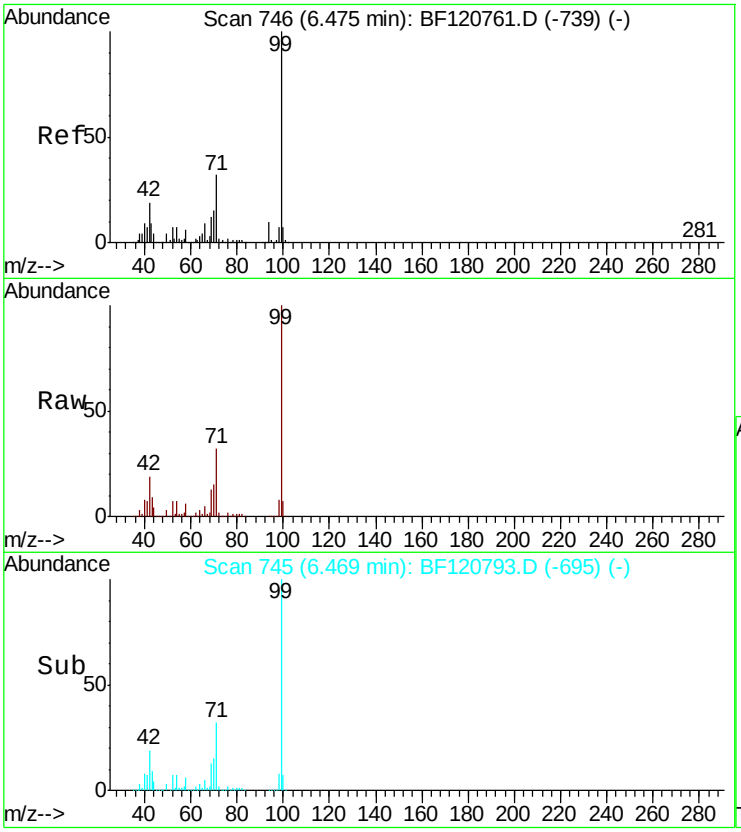


#5
2-Fluorophenol
Concen: 79.148 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:112 Resp: 771069

Ion	Ratio	Lower	Upper
112	100		
64	52.2	43.8	65.6
63	28.2	23.6	35.4



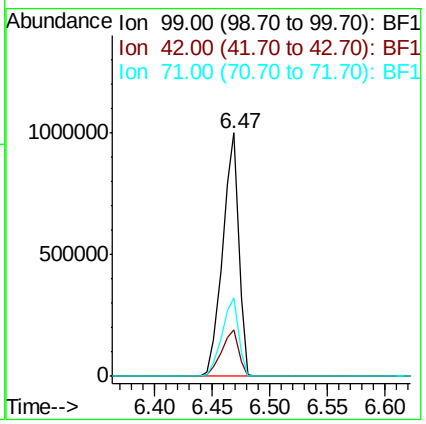


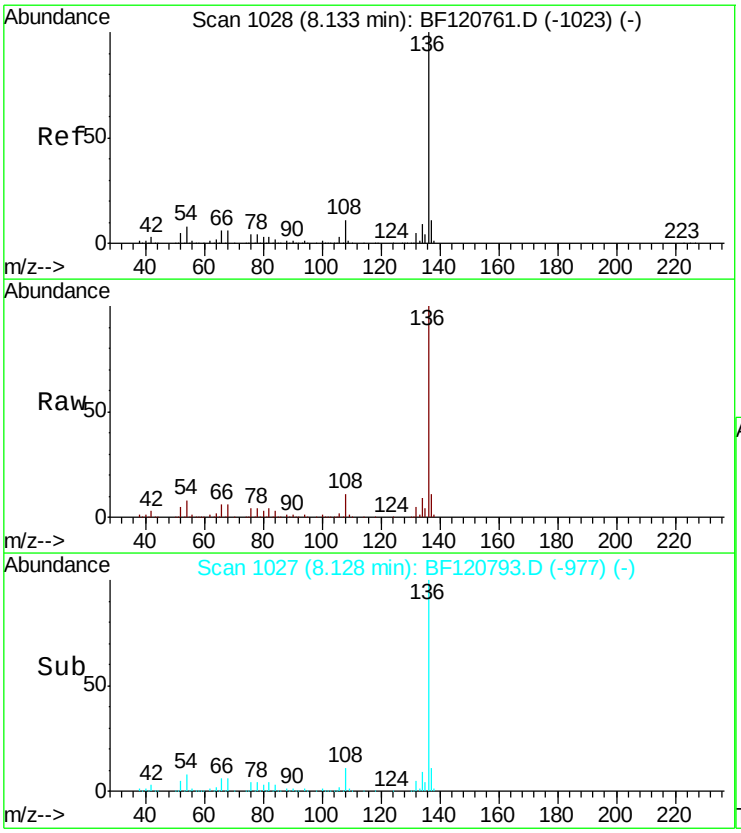
#7
Phenol-d6
Concen: 77.399 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion: 99 Resp: 962931

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.4	23.0
71	32.5	25.9	38.9

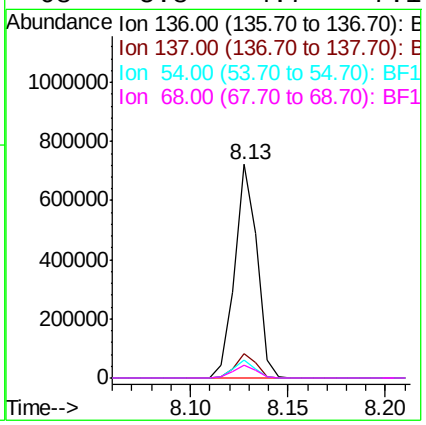


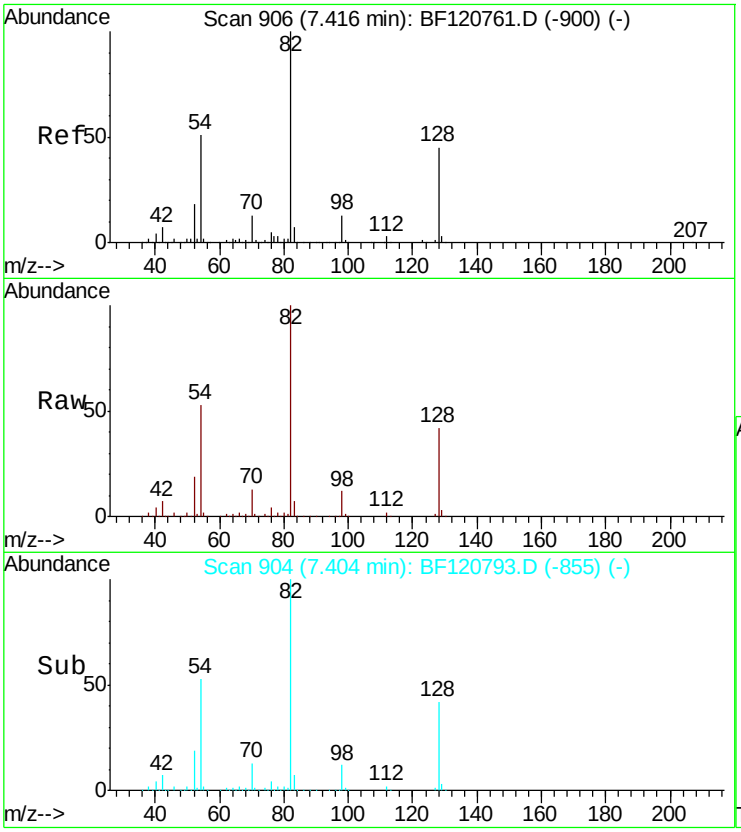


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:136 Resp: 569600

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.5	6.2	9.4
68	5.8	4.7	7.1



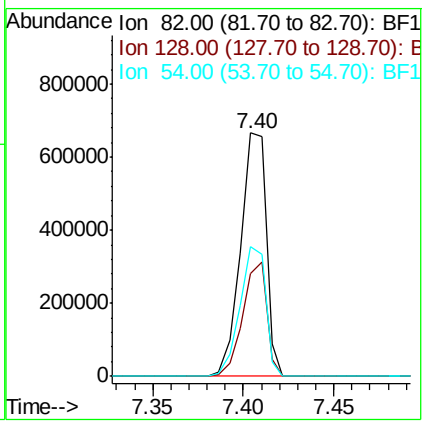


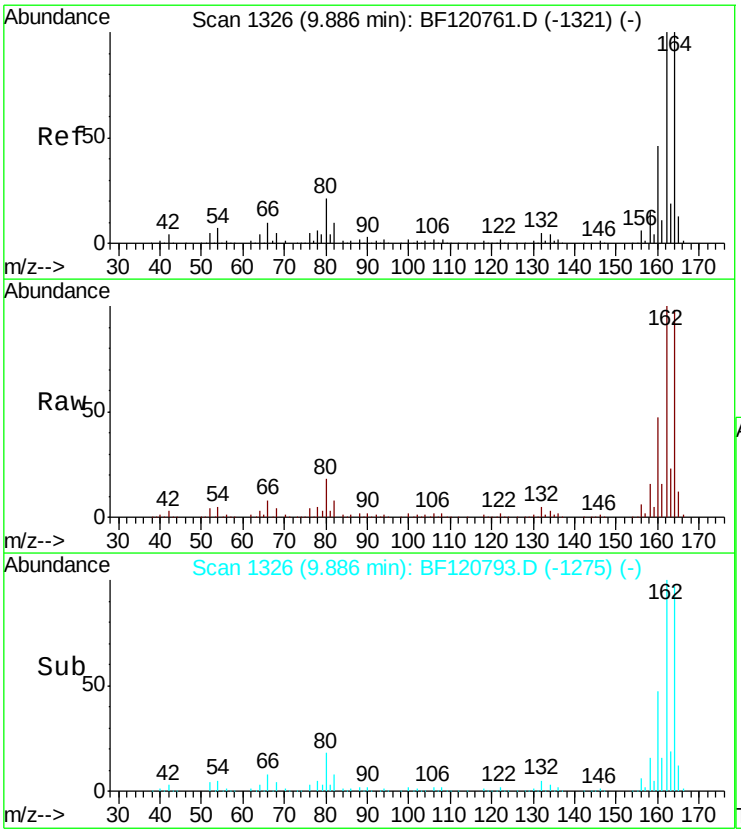
#23
Nitrobenzene-d5
Concen: 67.010 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion: 82 Resp: 658793

Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.7	53.5
54	53.1	40.9	61.3

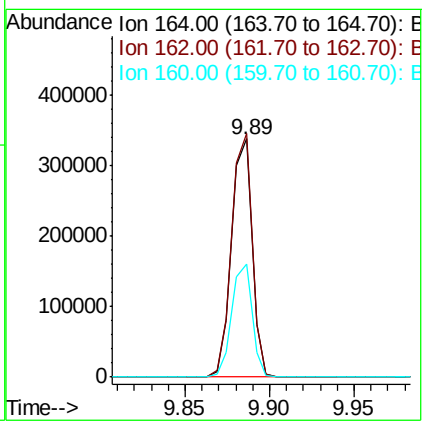


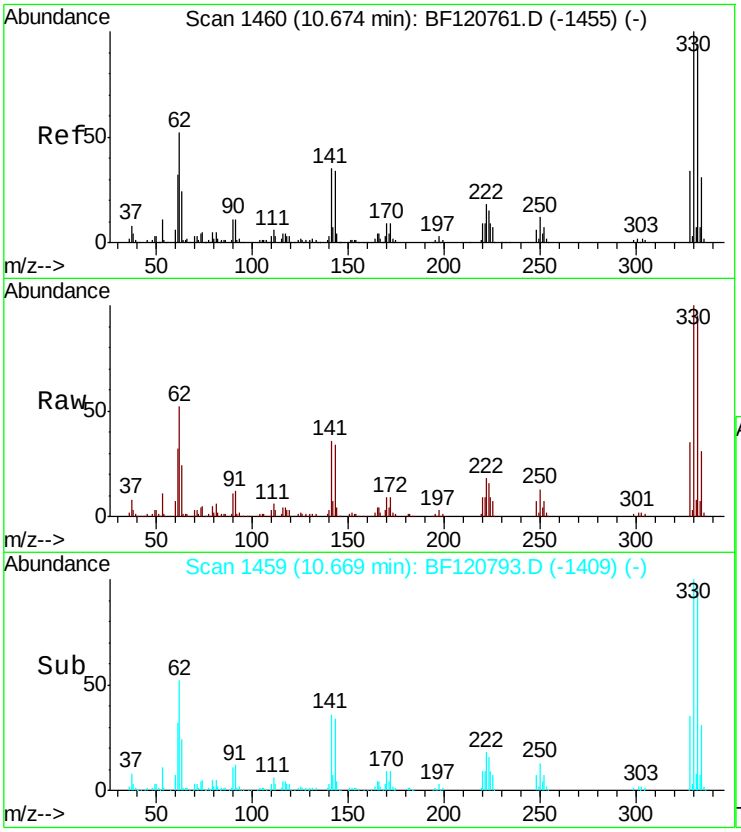


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:164 Resp: 286465

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	47.7	36.9	55.3



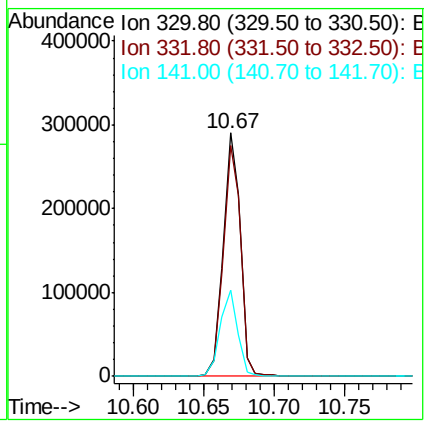


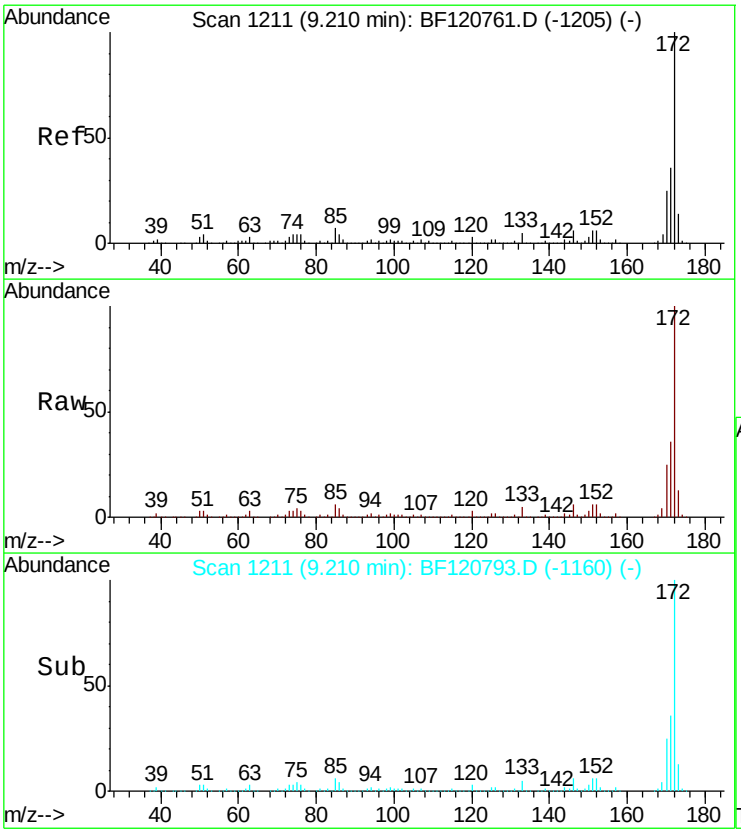
#42
2,4,6-Tribromophenol
Concen: 84.909 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion:330 Resp: 244365

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.8	113.6
141	36.9	29.7	44.5

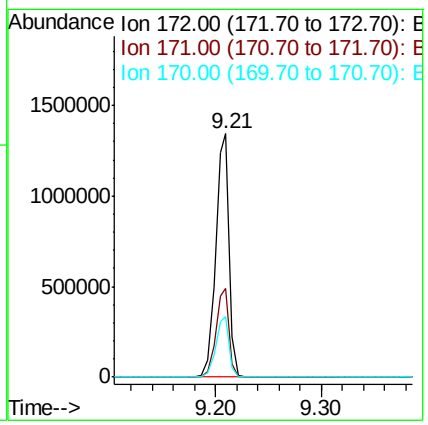


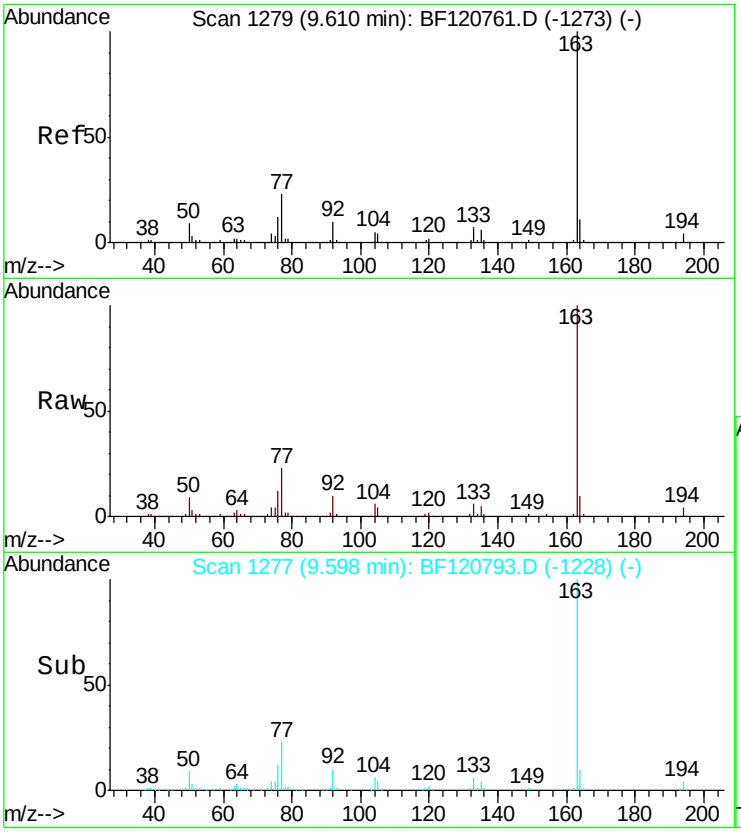


#45
2-Fluorobiphenyl
Concen: 63.843 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:172 Resp: 1208817

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	24.8	19.8	29.6



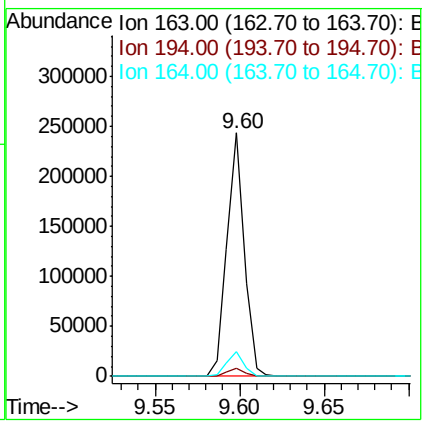


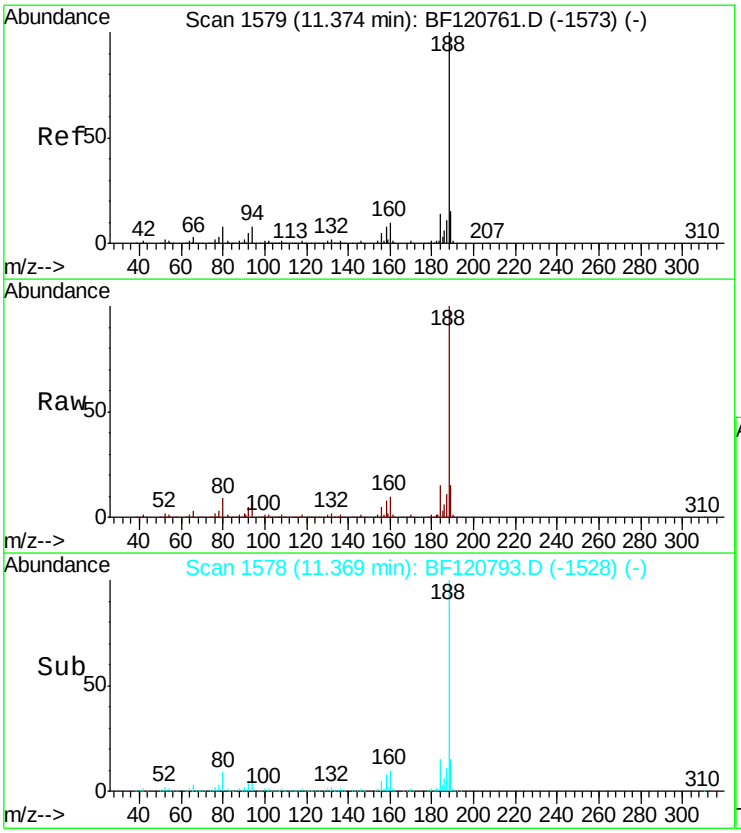
#50
Dimethylphthalate
Concen: 8.308 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion:163 Resp: 173614

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.2	8.5	12.7

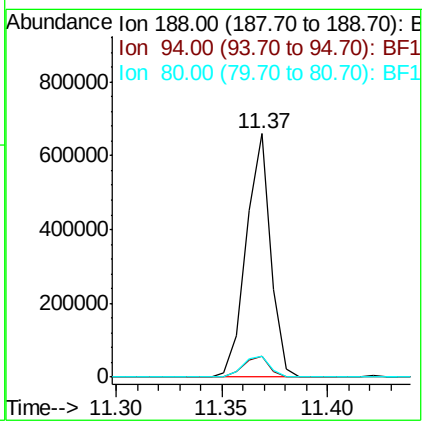


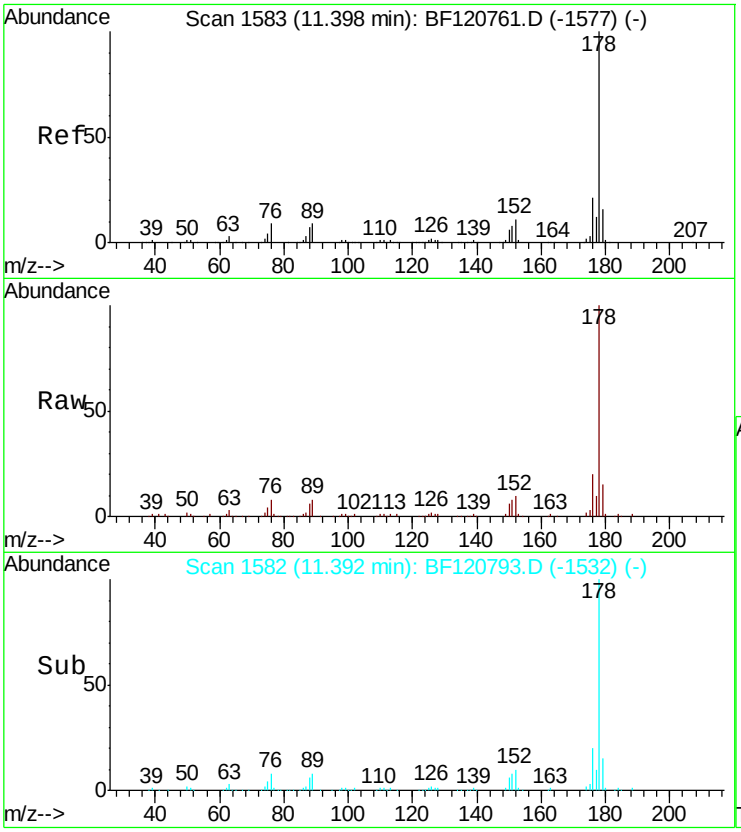


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:188 Resp: 529247

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	9.8
80	8.8	6.6	10.0



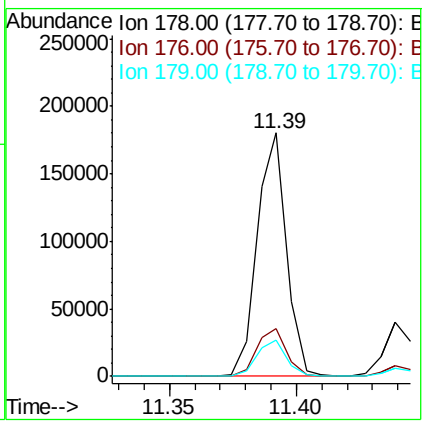


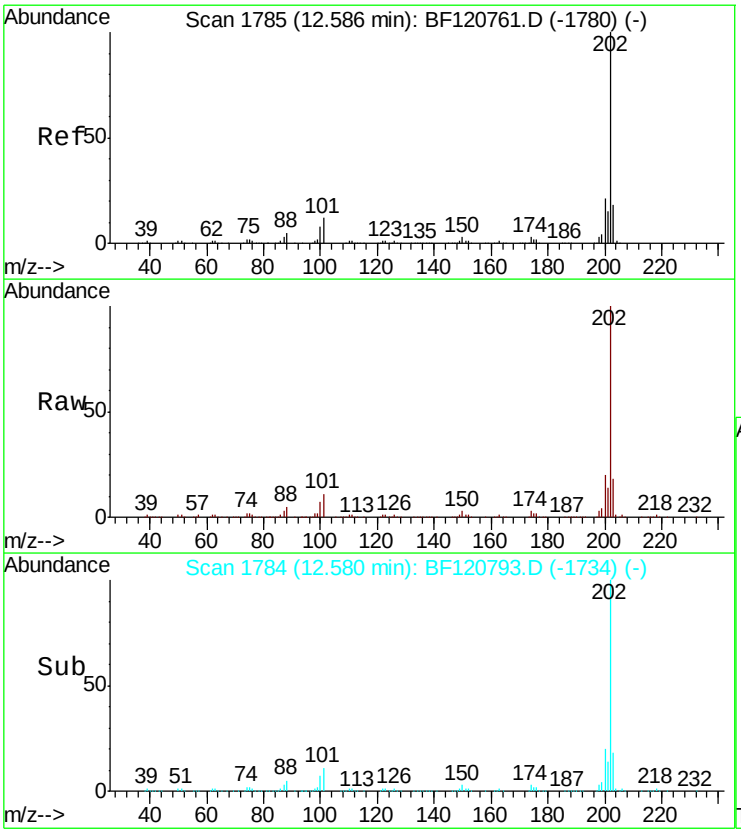
#71
Phenanthrene
Concen: 5.032 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion:178 Resp: 144513

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	14.9	12.9	19.3

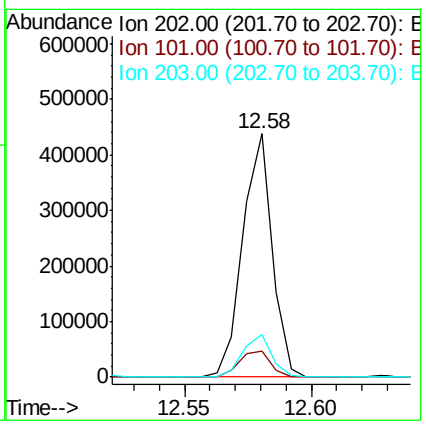


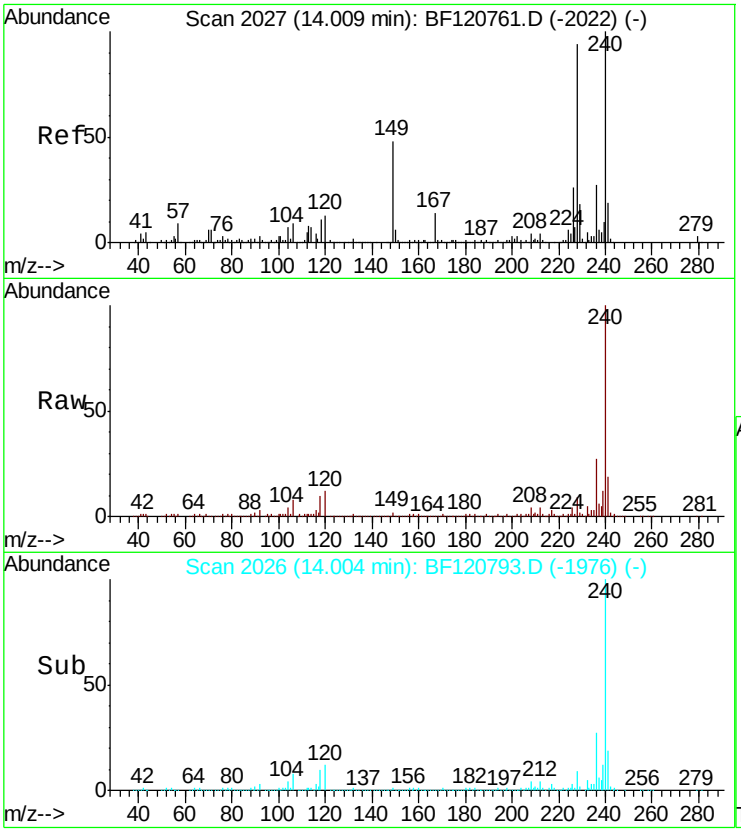


#75
Fluoranthene
Concen: 11.508 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:202 Resp: 352033

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.6
203	17.6	0.0	38.2



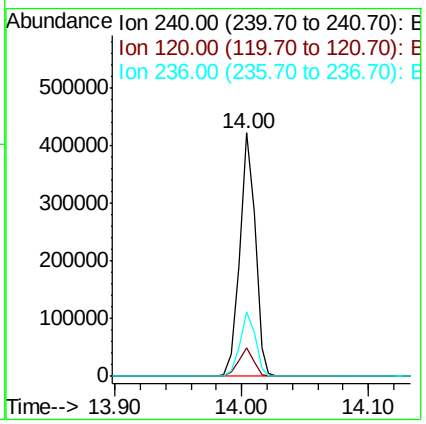


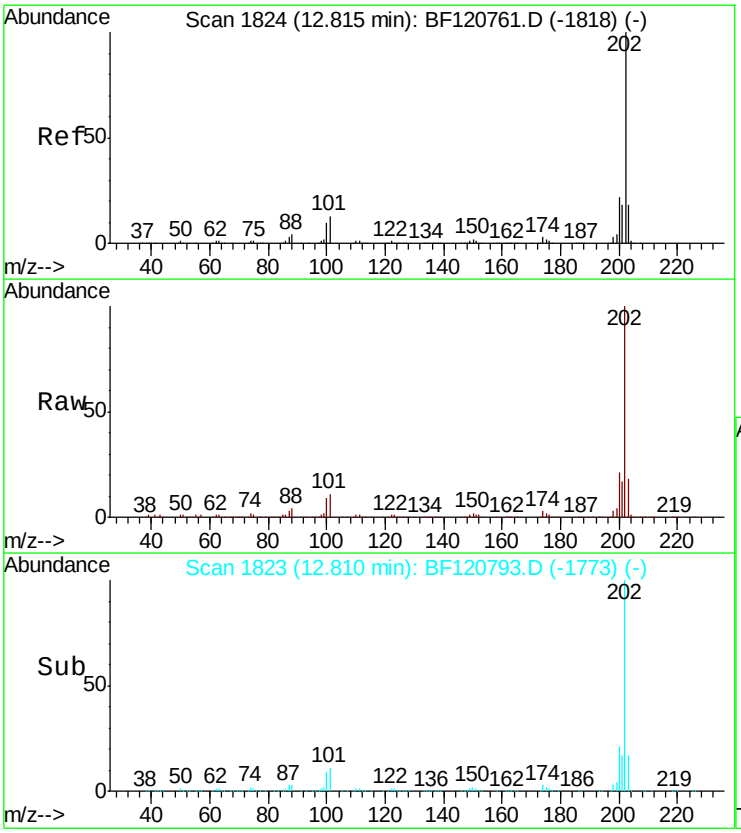
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion:240 Resp: 353495

Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.3	15.5
236	26.7	21.4	32.2

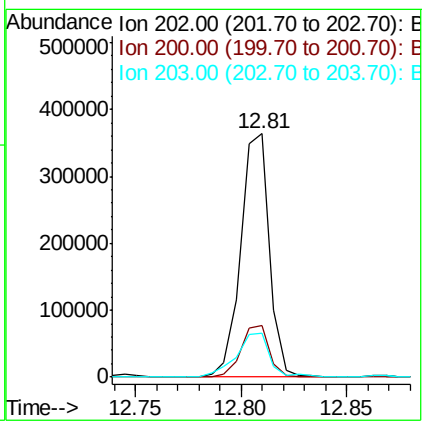


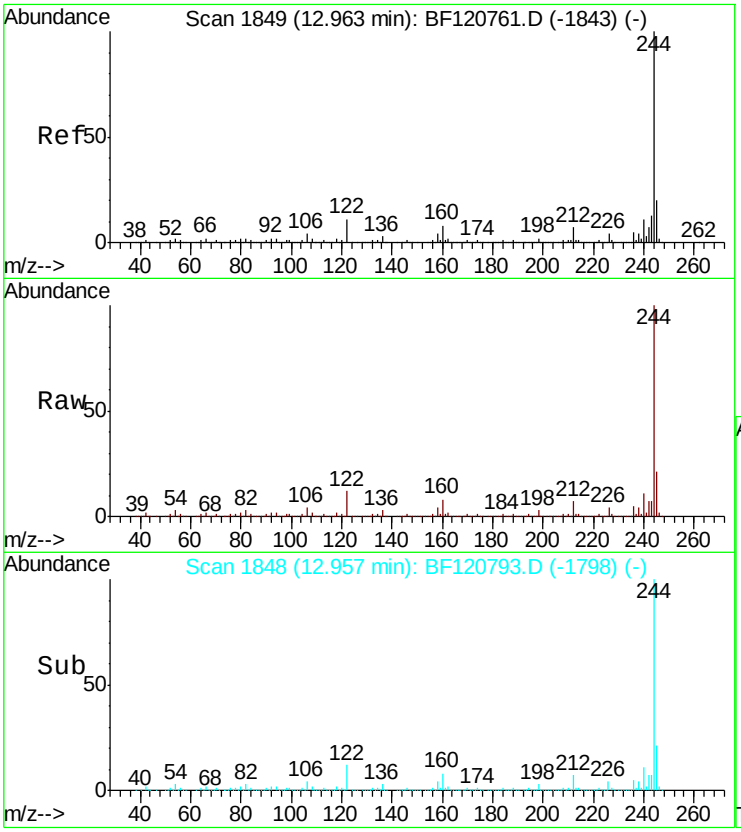


#78
Pyrene
Concen: 12.071 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:202 Resp: 340793

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.3	25.9
203	18.0	14.6	22.0



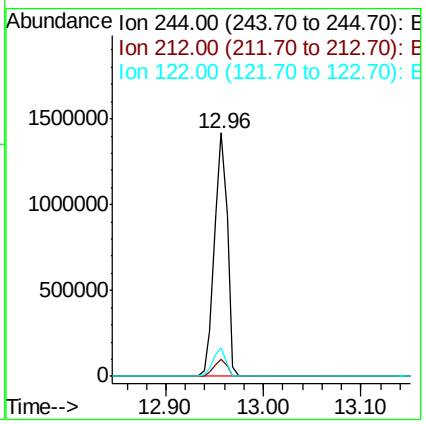


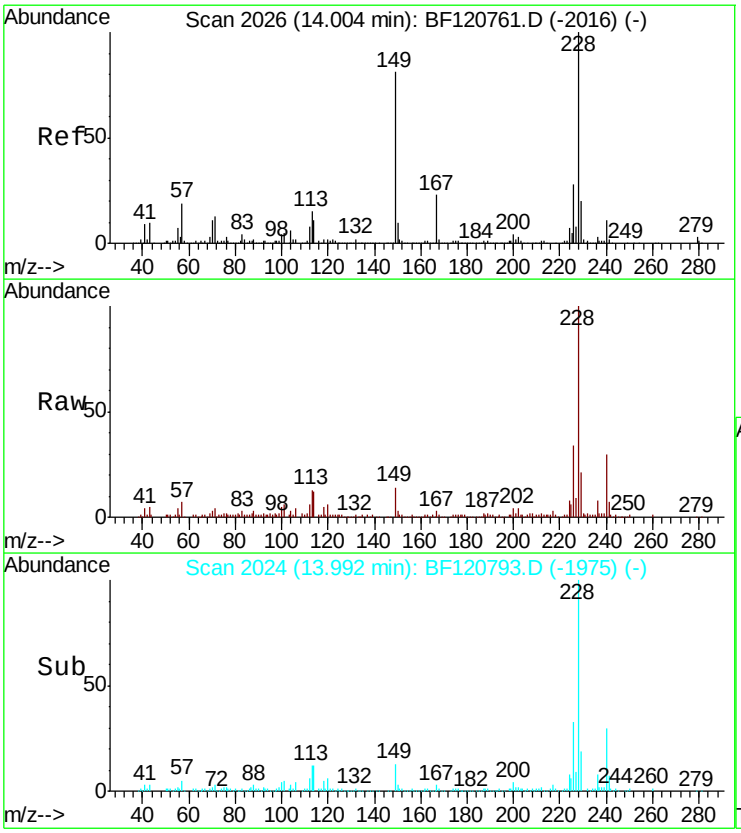
#79
Terphenyl-d14
Concen: 71.802 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion:244 Resp: 1296375

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.9	9.0	13.4

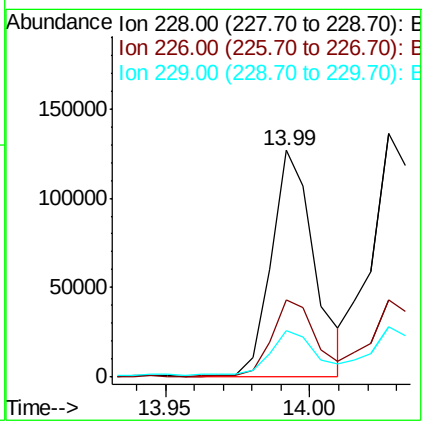


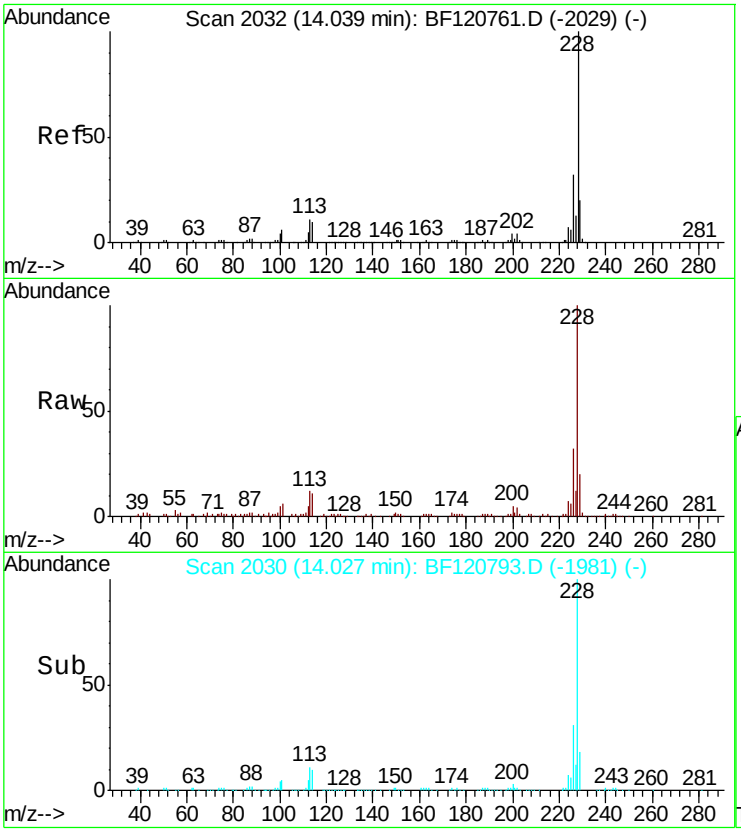


#81
Benzo(a)anthracene
Concen: 5.764 ng m
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:228 Resp: 130606

Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.6	33.8#
229	20.7	15.8	23.6



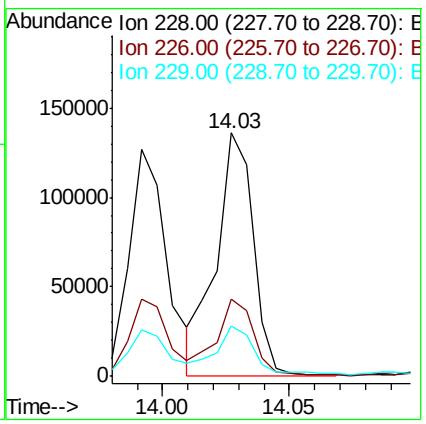


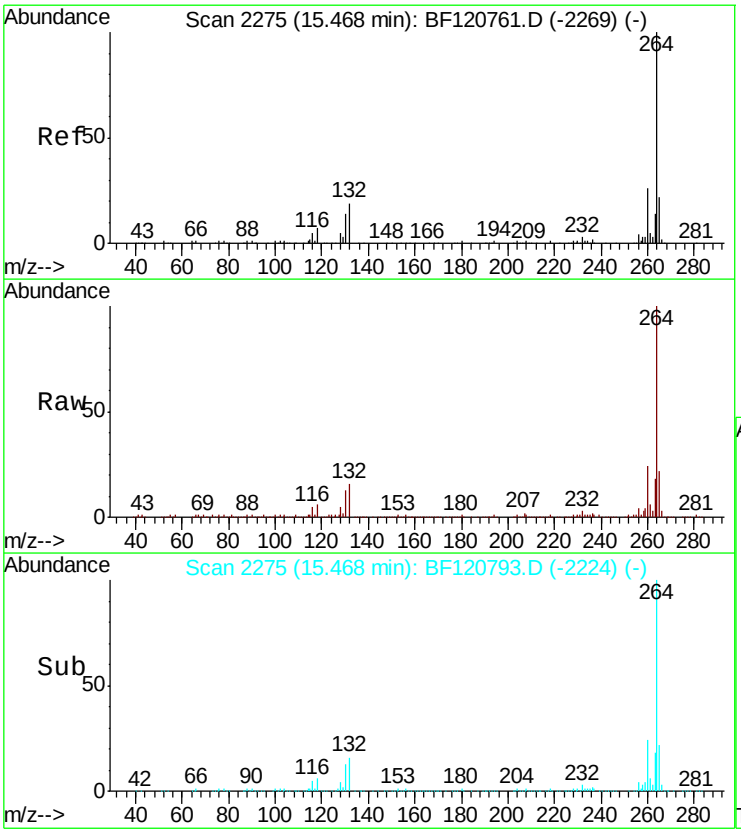
#83
Chrysene
Concen: 5.972 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion:228 Resp: 138036

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	20.5	16.3	24.5

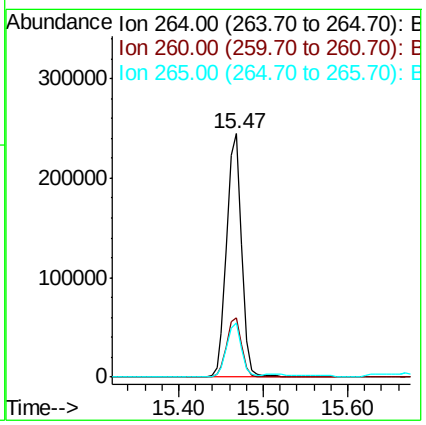


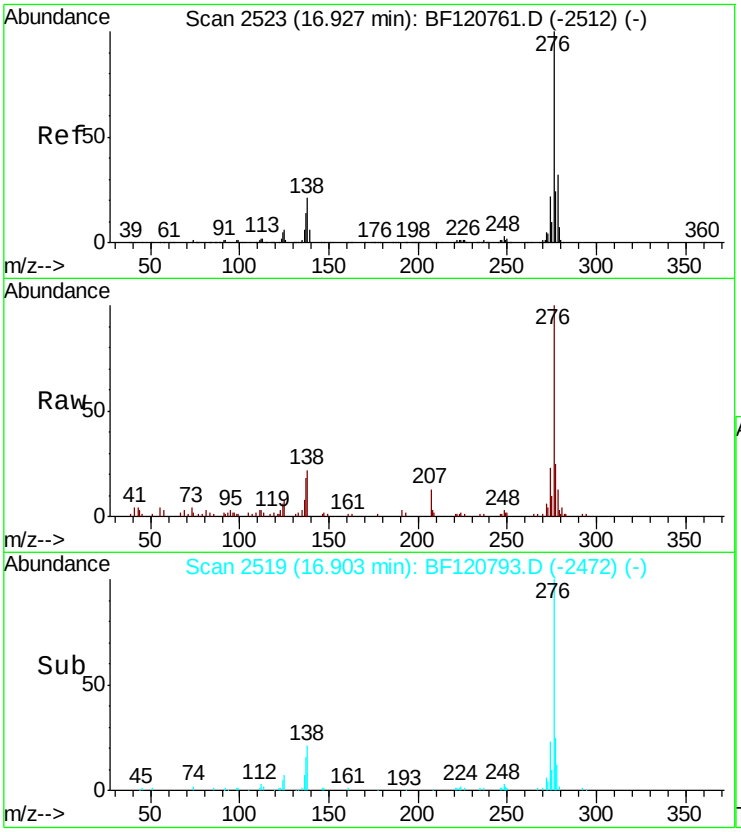


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:264 Resp: 297663

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.6	30.8
265	22.1	17.6	26.4



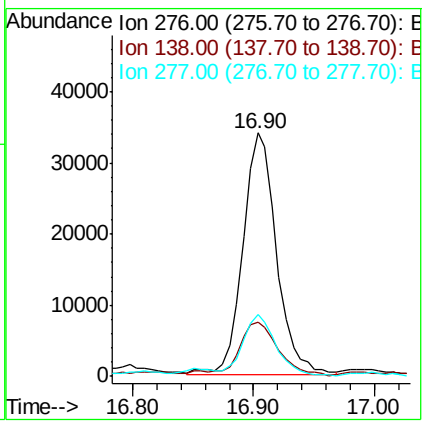


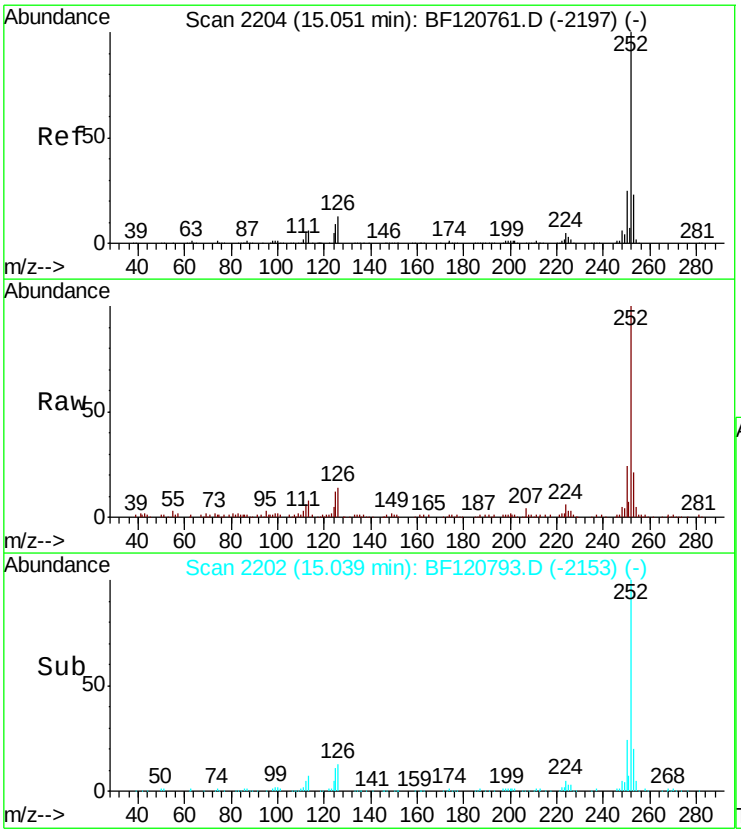
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.458 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion:276 Resp: 66021

Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.8	29.8
277	25.9	19.9	29.9

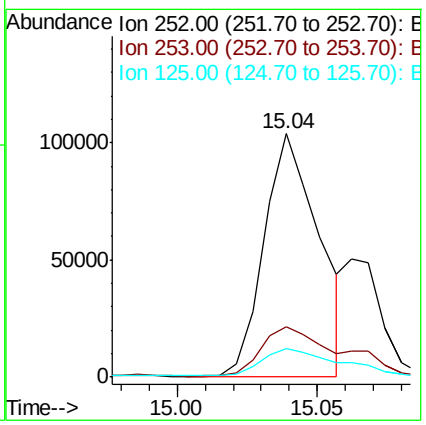


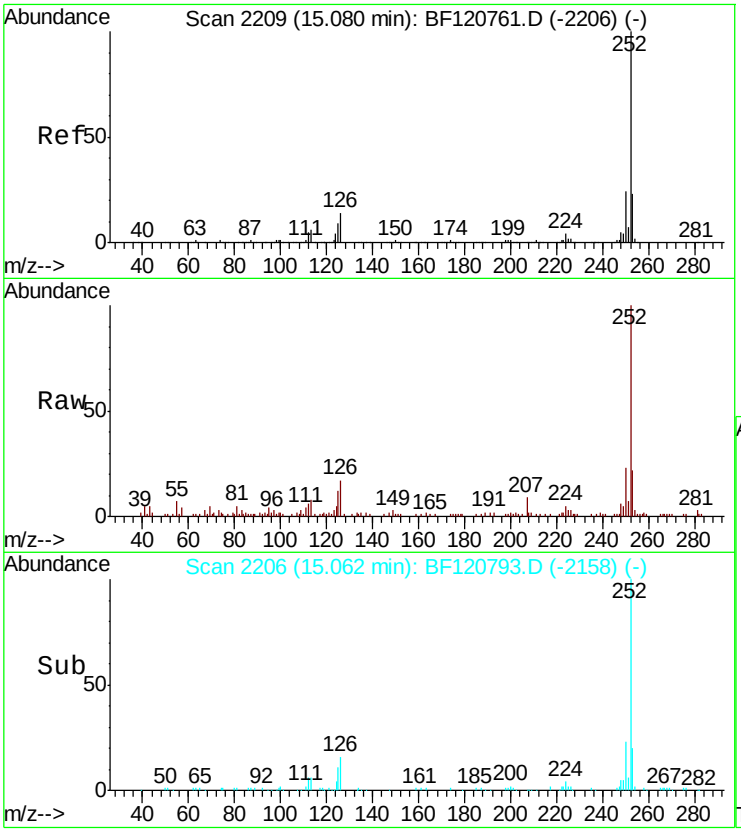


#88
Benzo(b)fluoranthene
Concen: 7.200 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:252 Resp: 140893

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.0	27.0
125	11.6	7.5	11.3#



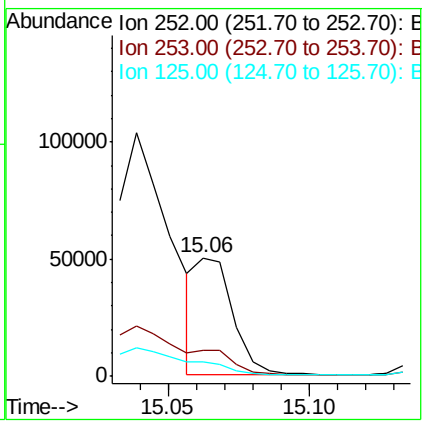


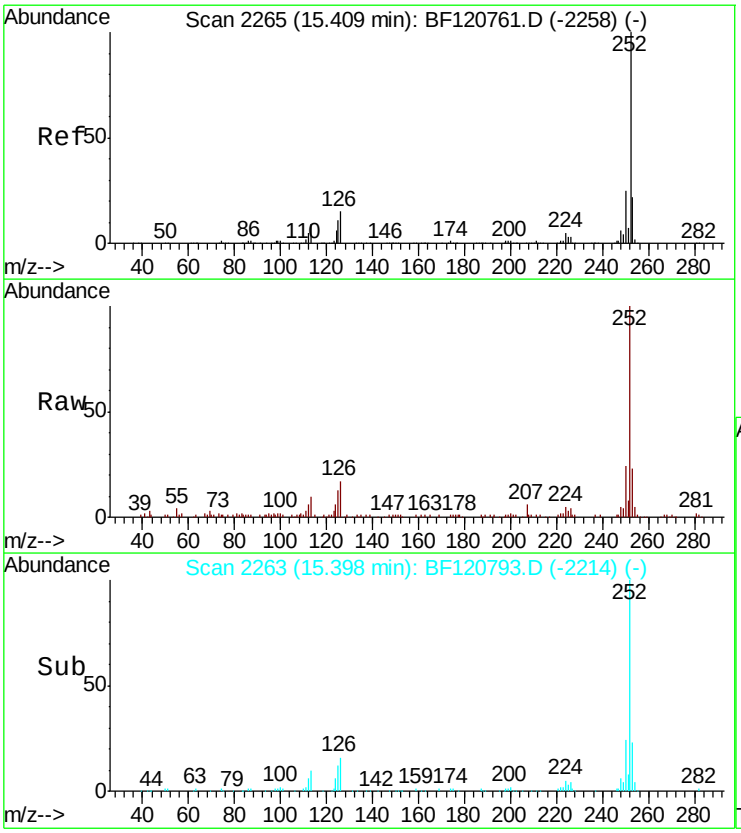
#89
Benzo(k)fluoranthene
Concen: 2.331 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion:252 Resp: 44387

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	12.0	7.6	11.4#

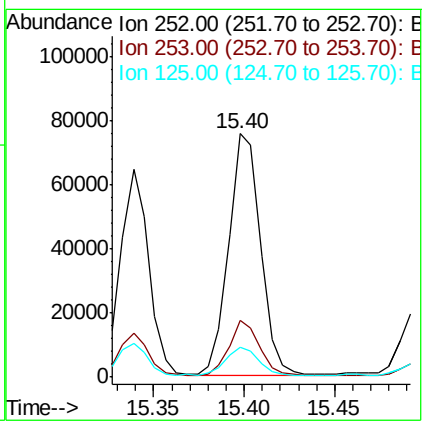


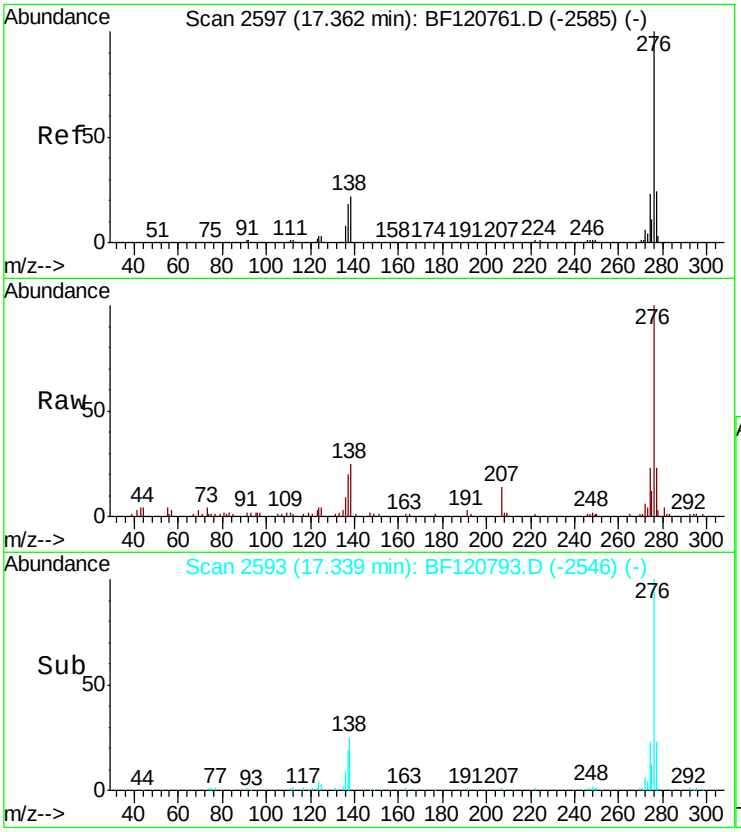


#90
Benzo(a)pyrene
Concen: 5.329 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Tgt Ion:252 Resp: 93034

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	12.5	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 4.983 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF120793.D
Acq: 7 Jul 2020 17:58

Instrument :
BNA_F
ClientSampleId :
VNJ-217

Tgt Ion:276 Resp: 72466

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	25.4	17.4	26.2