Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121046.D
Acq On : 27 Jul 2020 22:21
Operator : JU/CG
Sample : L3383-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-018

Quant Time: Jul 28 01:13:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173727	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	635440	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	351971	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	692180	20.00	ng	0.00
76) Chrysene-d12	13.97	240	530693	20.00	ng	0.00
86) Perylene-d12	15.42	264	420309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1163671	109.81	ng	0.02
7) Phenol-d6	6.45	99	1252517	91.50	ng	0.00
23) Nitrobenzene-d5	7.38	82	988700	90.03	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	526269	136.60	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1698415	72.05	ng	0.00
79) Terphenyl-d14	12.92	244	1945915	79.71	ng	0.00
Target Compounds						Qvalue

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

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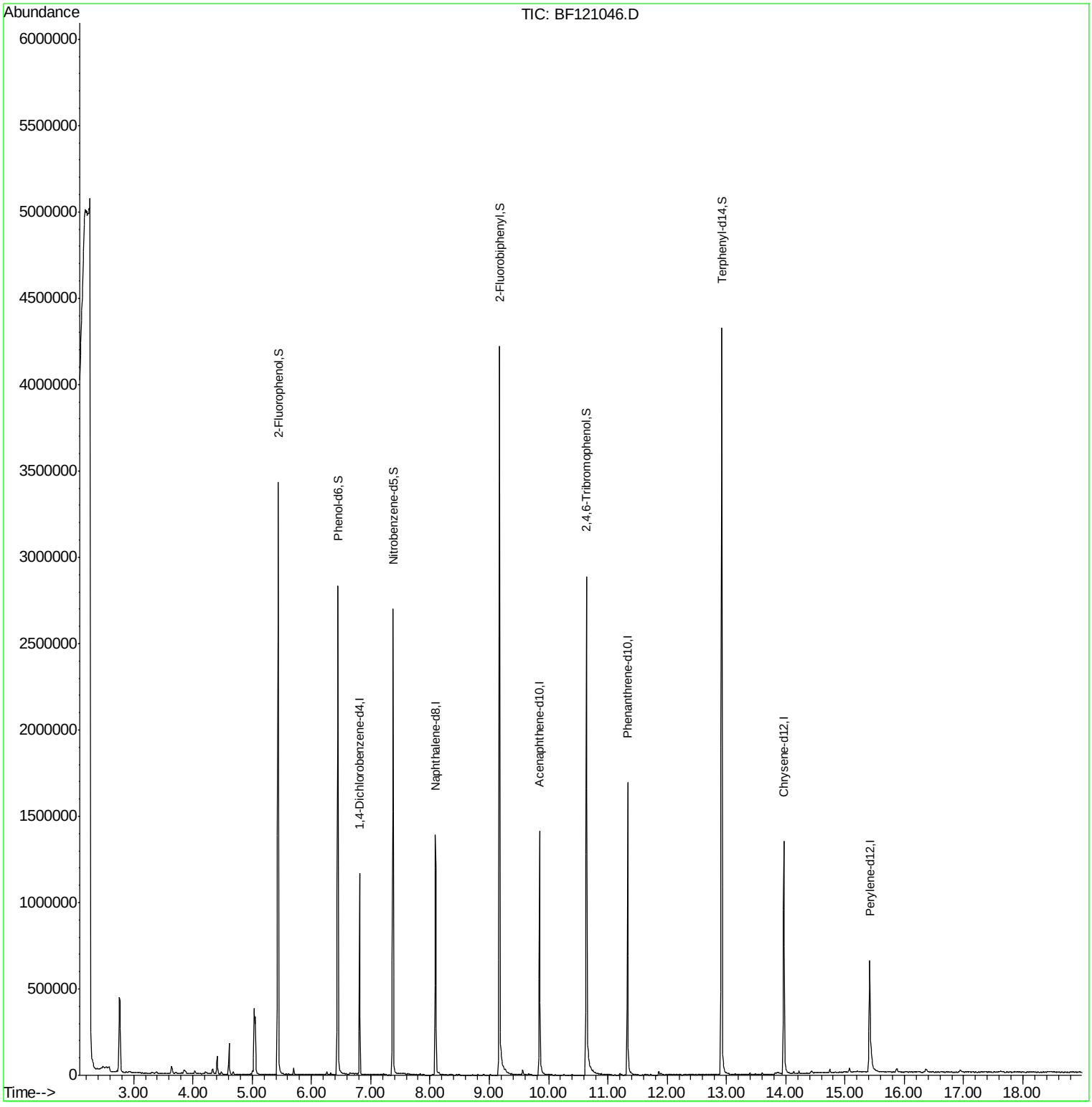
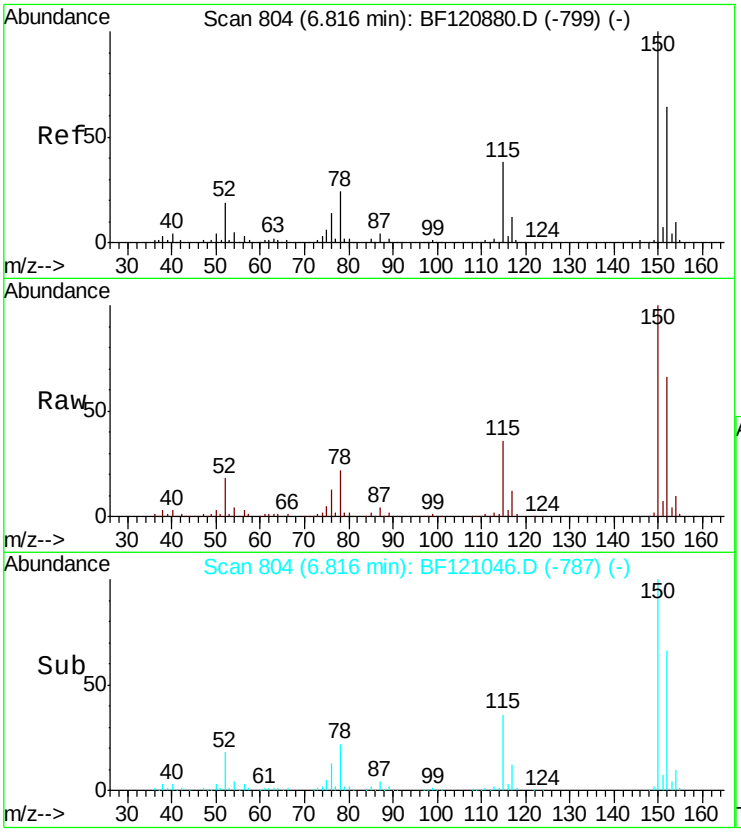


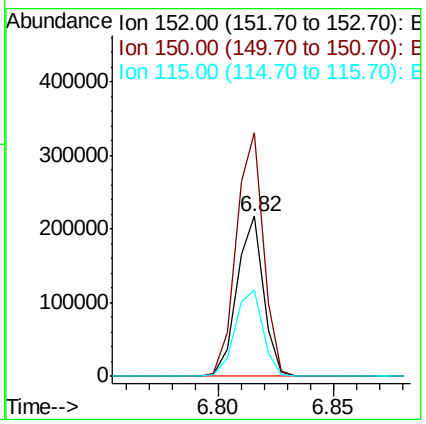


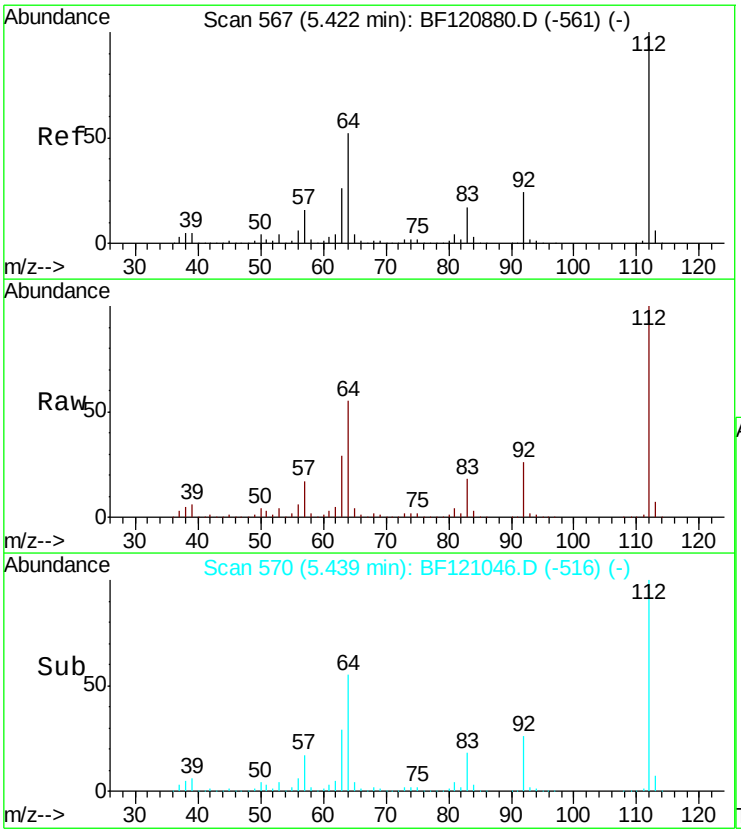
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Instrument :
BNA_F
ClientSampleId :
CRT-018

Tgt Ion:152 Resp: 173727

Ion	Ratio	Lower	Upper
152	100		
150	151.8	125.0	187.6
115	54.1	47.0	70.4

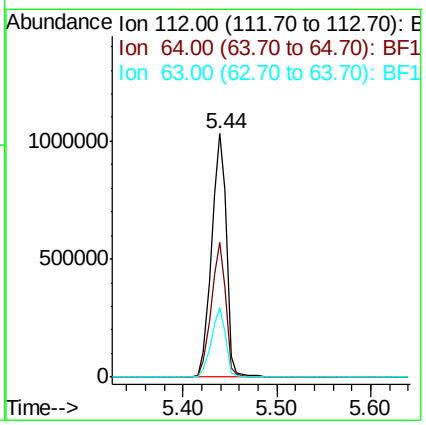


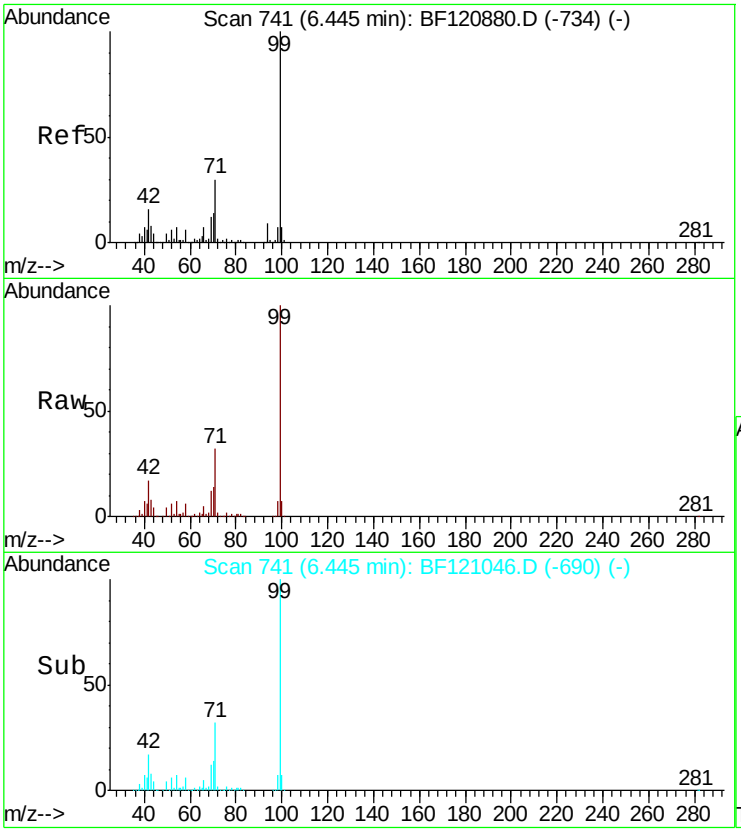


#5
2-Fluorophenol
Concen: 109.809 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Tgt Ion:112 Resp: 1163671

Ion	Ratio	Lower	Upper
112	100		
64	55.1	41.3	61.9
63	28.6	21.1	31.7



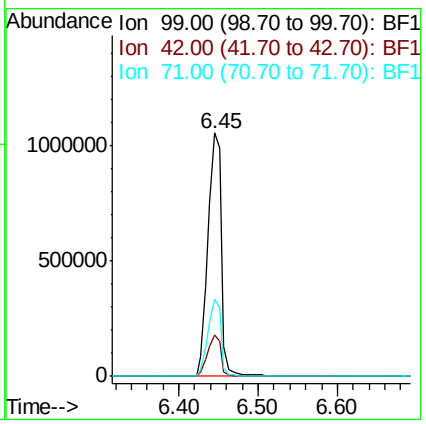


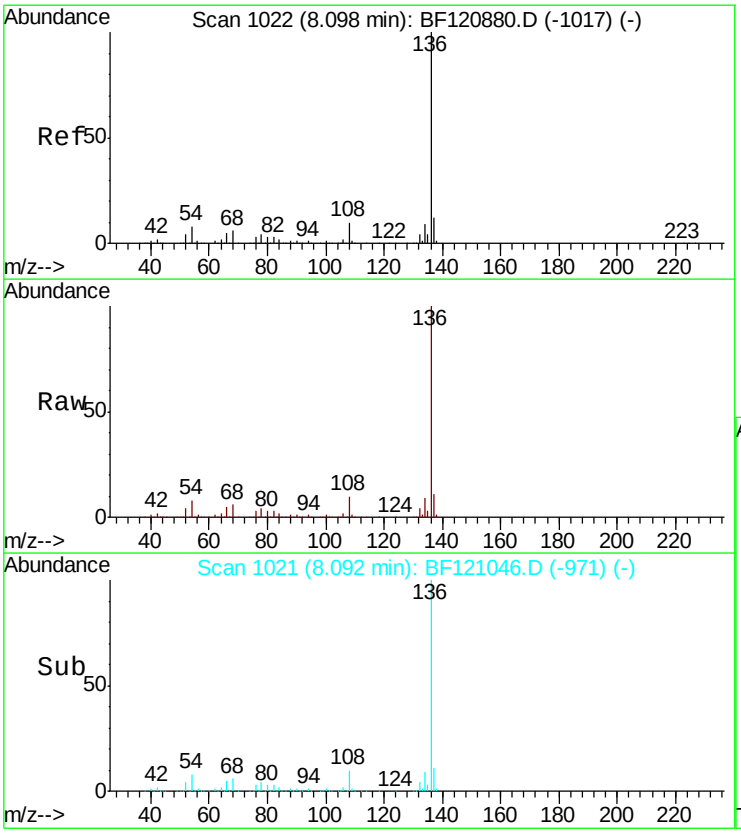
#7
Phenol-d6
Concen: 91.498 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Instrument :
BNA_F
ClientSampleId :
CRT-018

Tgt Ion: 99 Resp: 1252517

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	31.8	24.2	36.4

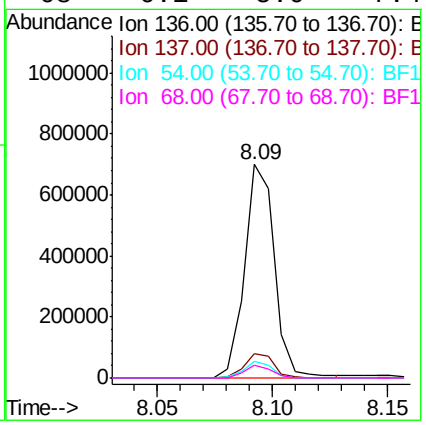


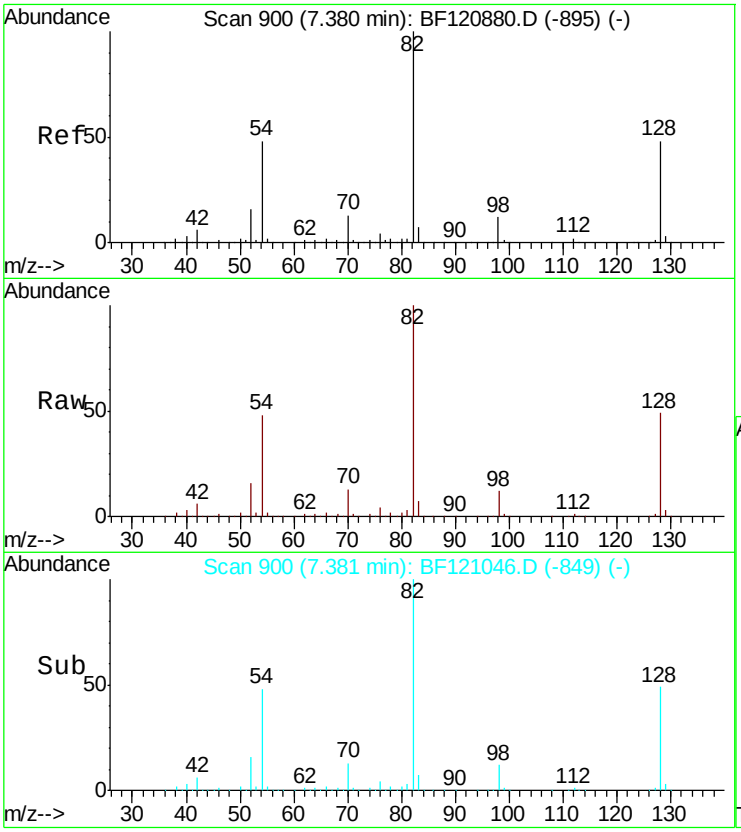


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Tgt Ion:136 Resp: 635440

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.7	6.3	9.5
68	6.1	5.0	7.4



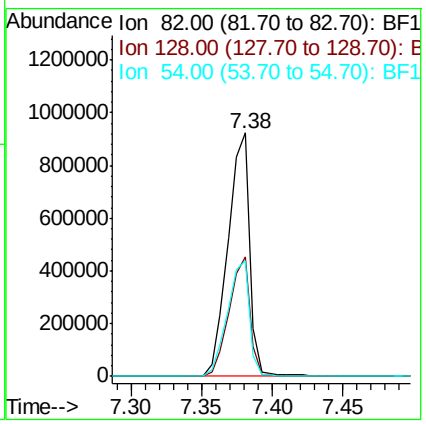


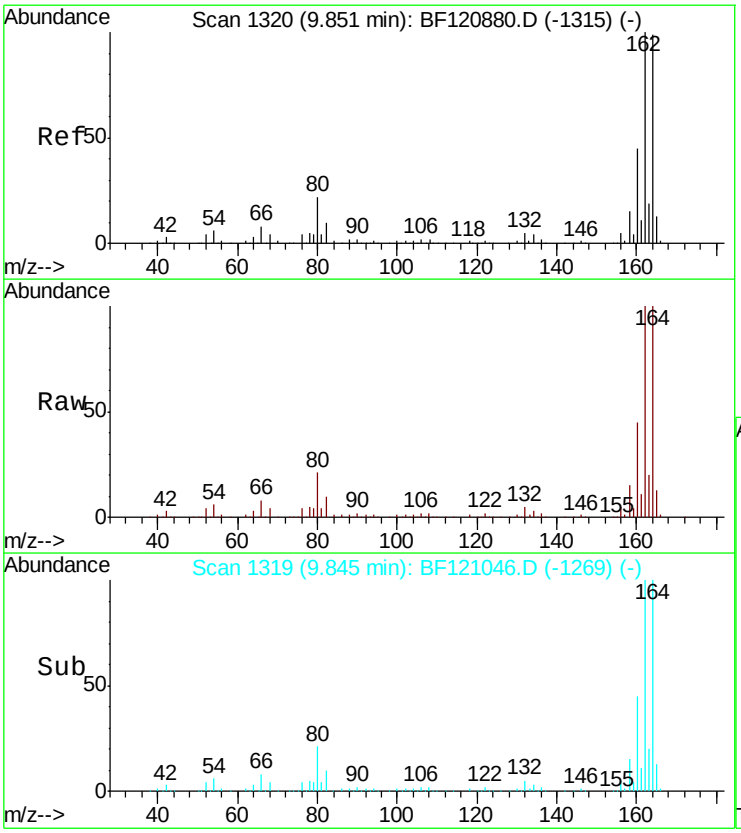
#23
Nitrobenzene-d5
Concen: 90.031 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Instrument :
BNA_F
ClientSampleId :
CRT-018

Tgt Ion: 82 Resp: 988700

Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.2	57.4
54	47.5	38.7	58.1

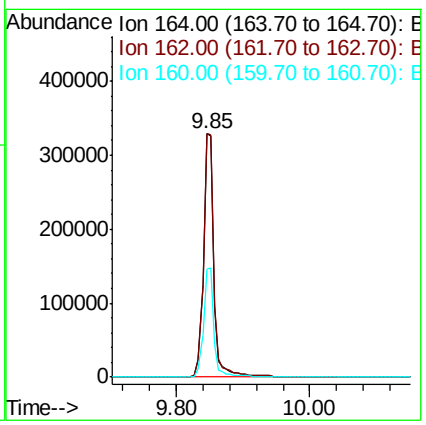


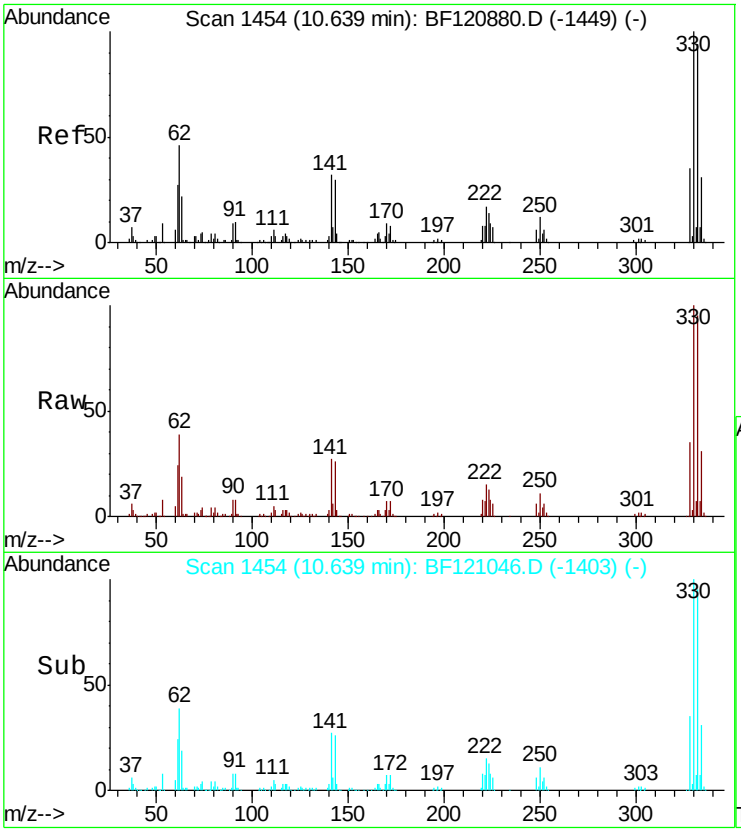


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Tgt Ion:164 Resp: 351971

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.2	121.8
160	44.6	36.9	55.3



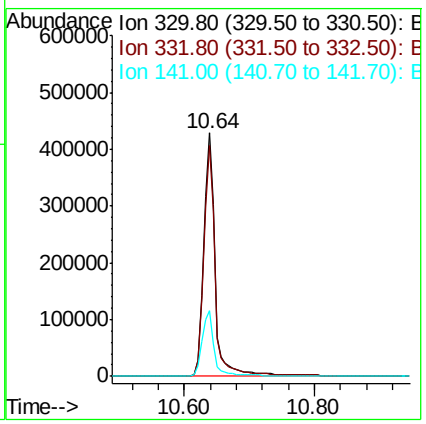


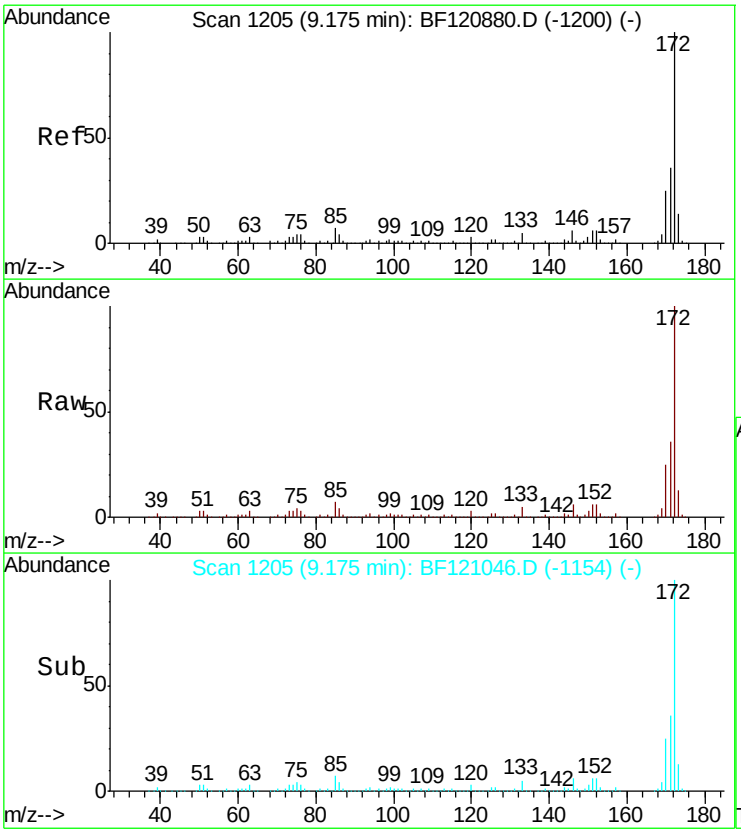
#42
2,4,6-Tribromophenol
Concen: 136.598 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Instrument :
BNA_F
ClientSampleId :
CRT-018

Tgt Ion:330 Resp: 526269

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.5	113.3
141	29.3	25.7	38.5

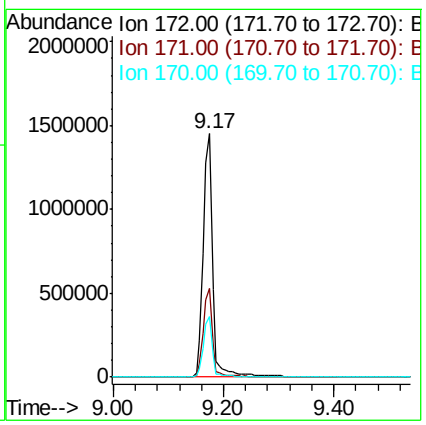


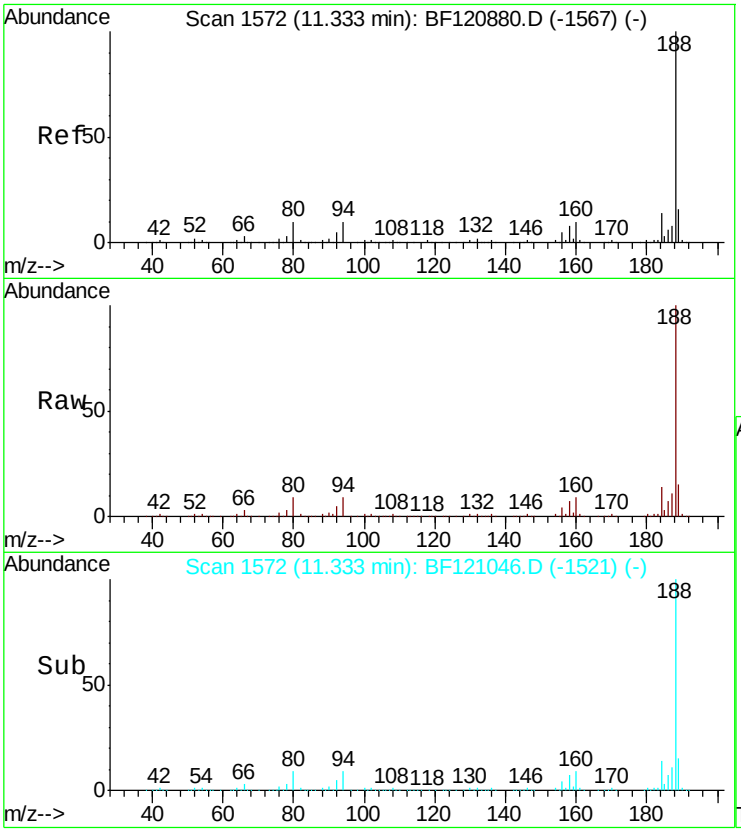


#45
2-Fluorobiphenyl
Concen: 72.046 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Tgt Ion:172 Resp: 1698415

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.6	19.6	29.4



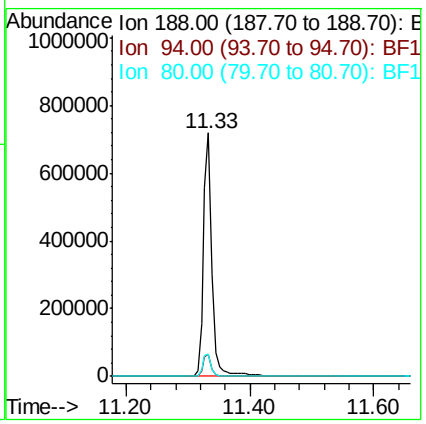


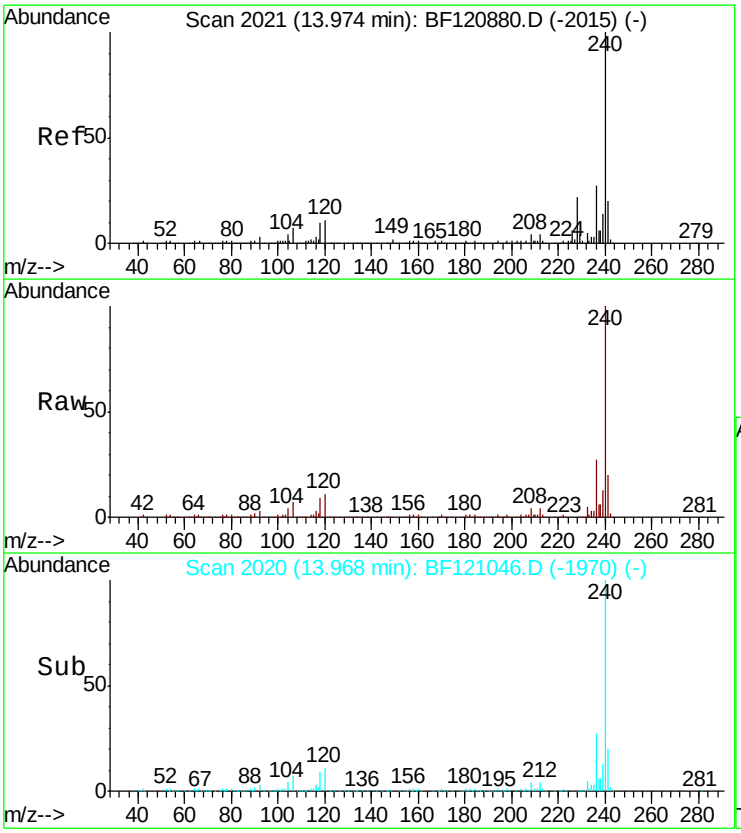
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Instrument :
BNA_F
ClientSampleId :
CRT-018

Tgt Ion:188 Resp: 692180

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	8.9	8.3	12.5

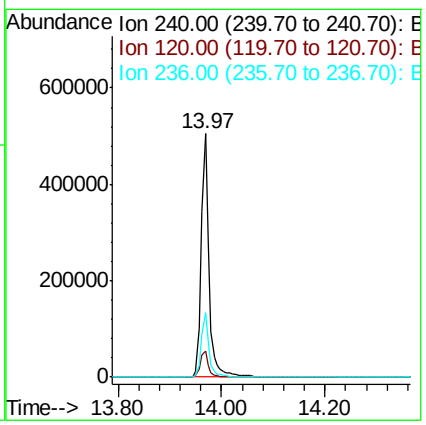


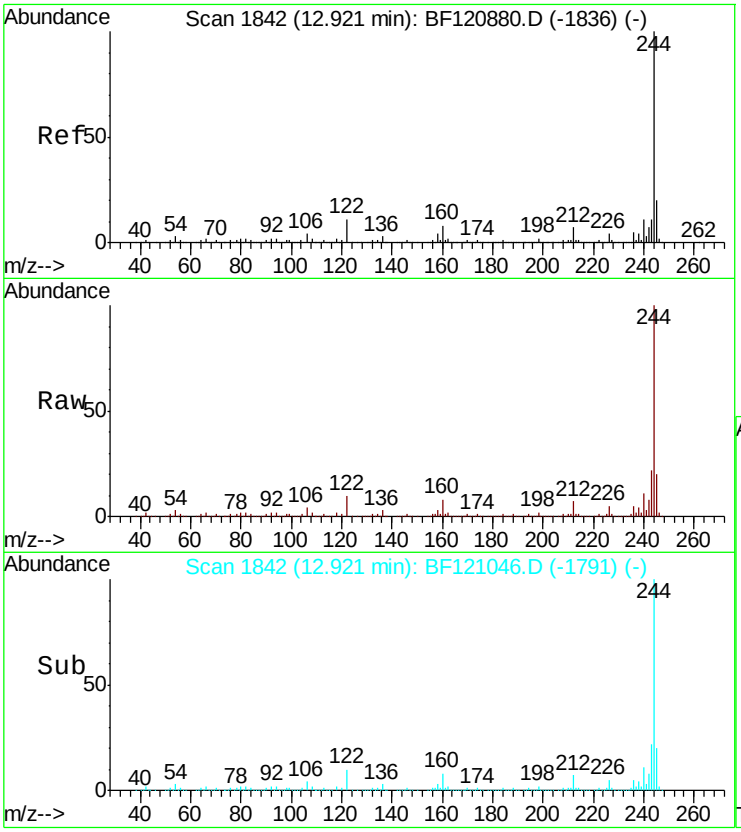


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Tgt Ion:240 Resp: 530693

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	26.6	21.7	32.5



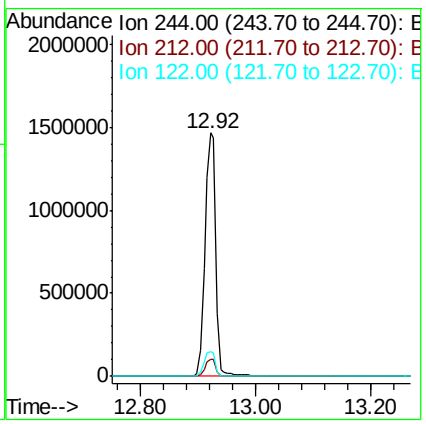


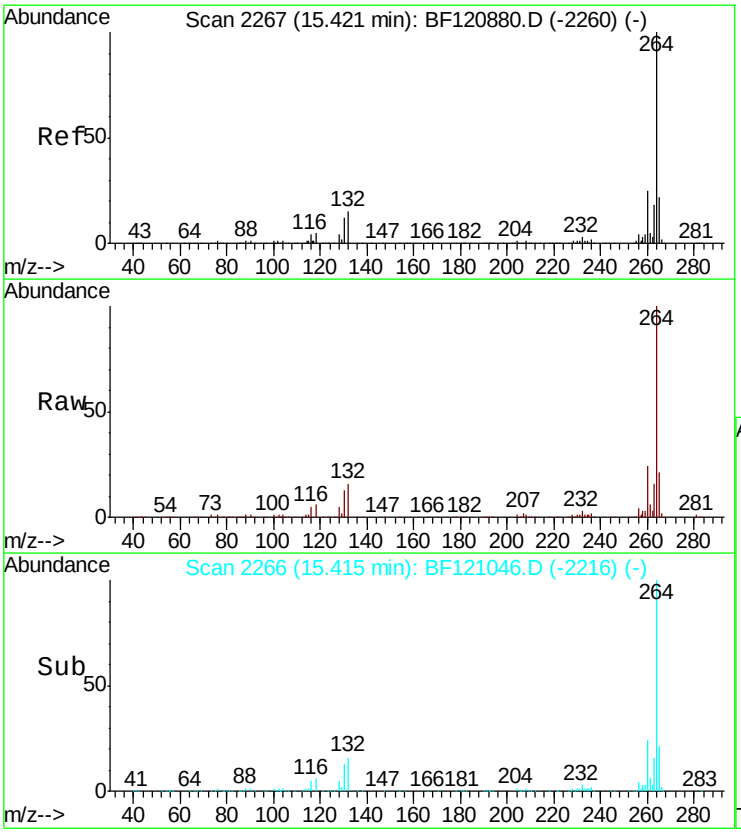
#79
Terphenyl-d14
Concen: 79.707 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Instrument :
BNA_F
ClientSampleId :
CRT-018

Tgt Ion:244 Resp: 1945915

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.2	8.9	13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121046.D
Acq: 27 Jul 2020 22:21

Tgt Ion:264 Resp: 420309

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	20.8	17.4	26.2