Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
Data File : BF120717.D
Acq On : 26 Jun 2020 19:06
Operator : JU/CG
Sample : L3114-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-242

Quant Time: Jun 27 01:01:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143296	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	534836	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	145350	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	442140	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	255606	20.00	ng	-0.01
86) Perylene-d12	15.40	264	261845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	903179	108.06	ng	0.00
7) Phenol-d6	6.43	99	994708	95.55	ng	-0.01
23) Nitrobenzene-d5	7.36	82	843178	88.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	246117	145.64	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1339412	140.99	ng	-0.01
79) Terphenyl-d14	12.90	244	1181992	102.14	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.82	122	12184	2.036	ng	95
50) Dimethylphthalate	9.55	163	110800	10.584	ng	99

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

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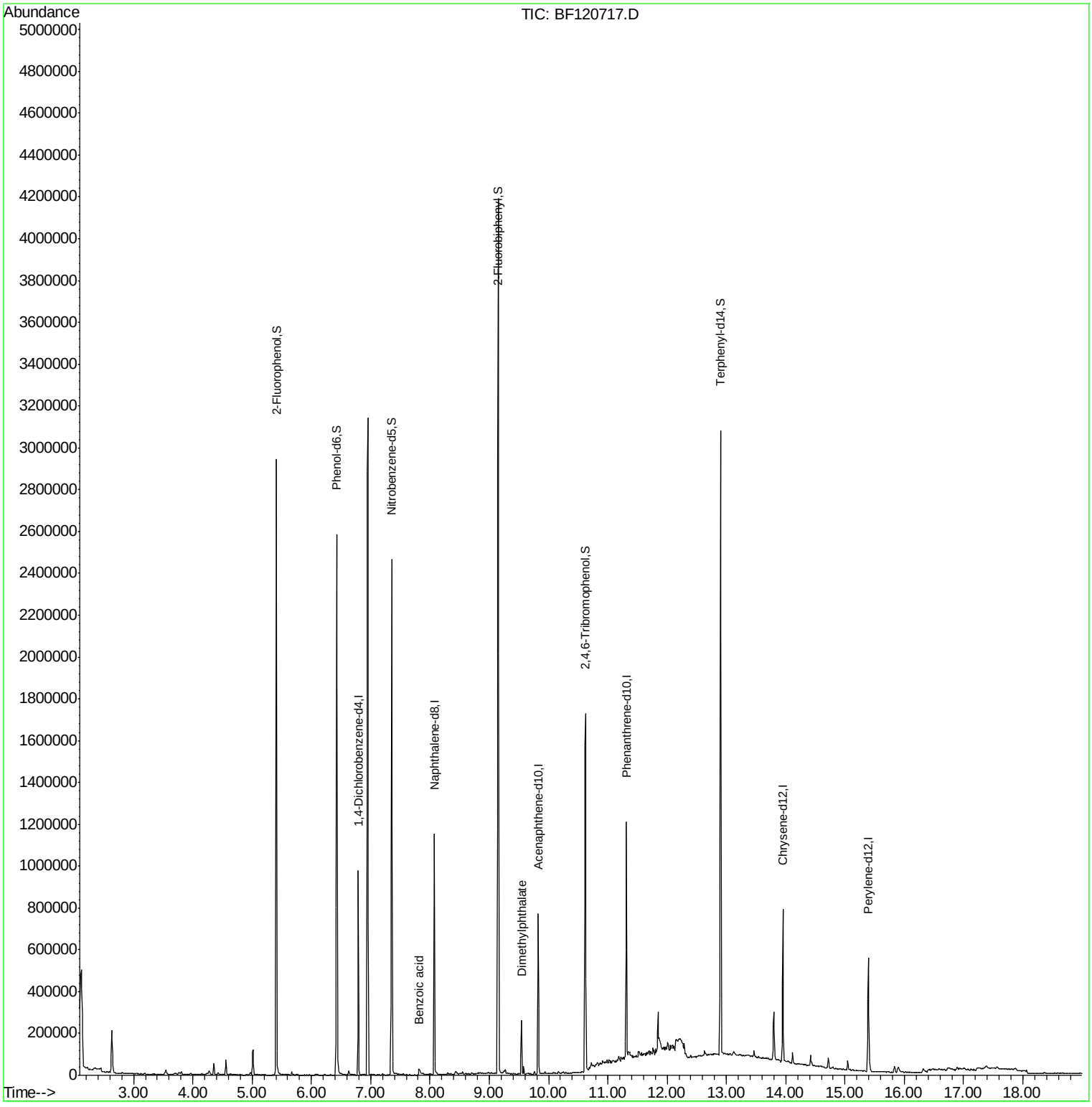
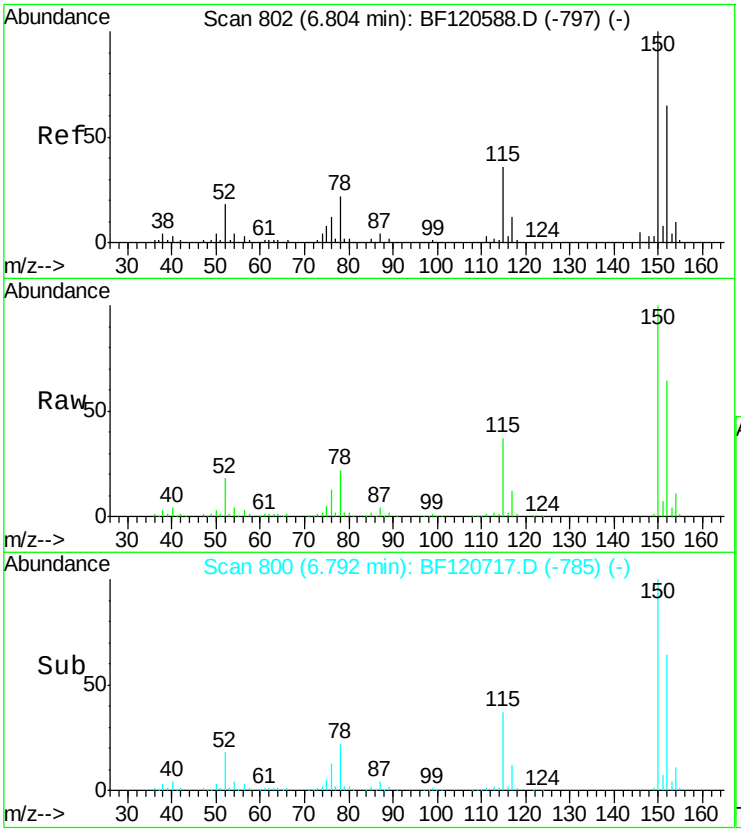


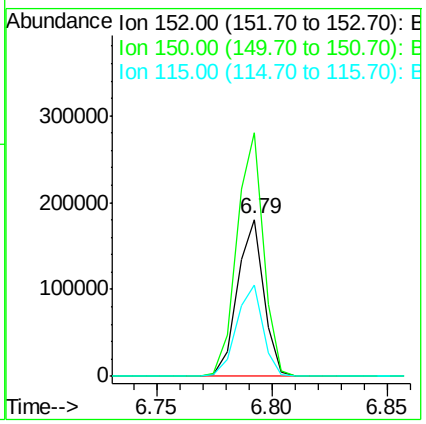


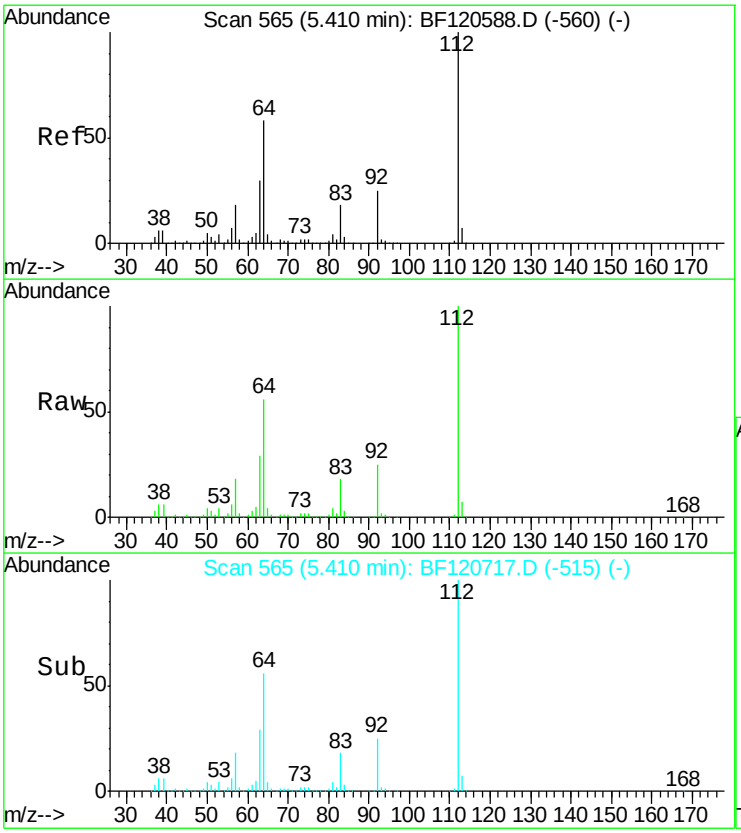
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tgt Ion:152 Resp: 143296

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.2	184.8
115	57.9	43.9	65.9

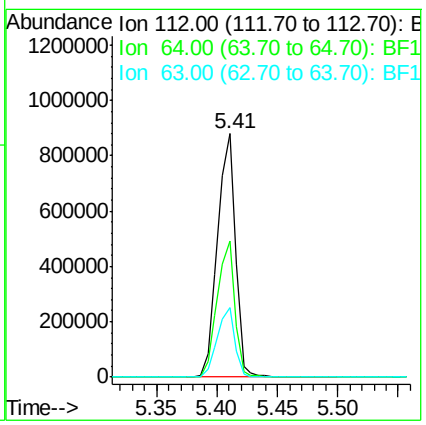


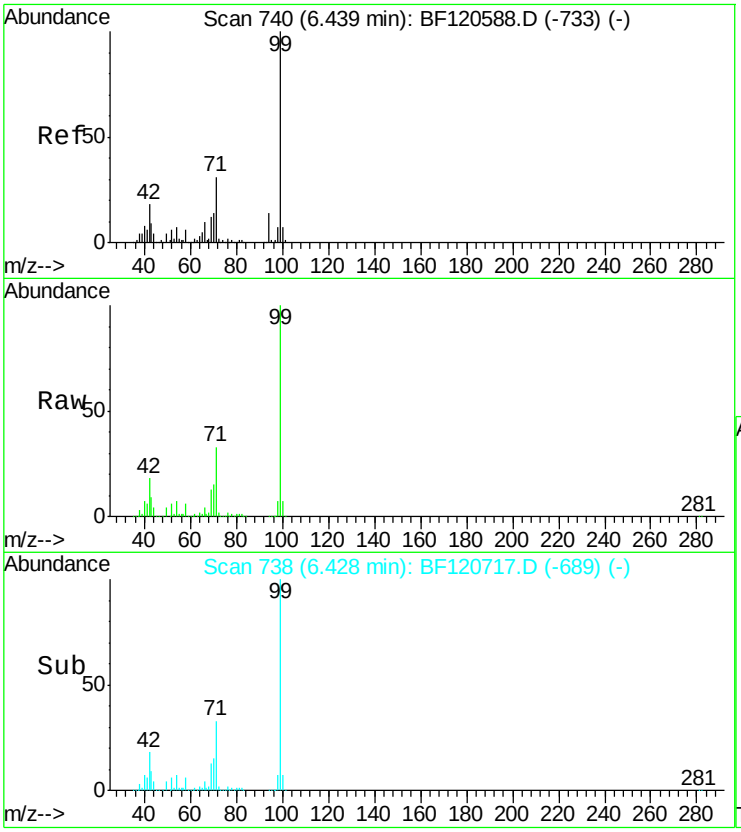


#5
2-Fluorophenol
Concen: 108.060 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion:112 Resp: 903179

Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.1	69.1
63	28.6	23.7	35.5



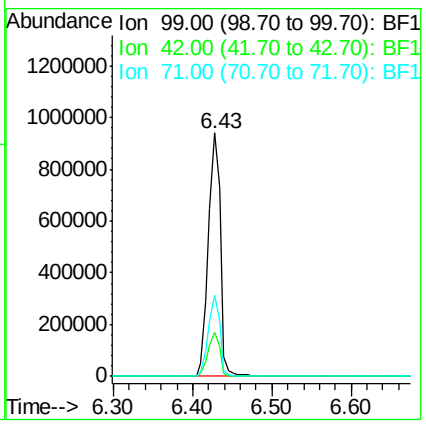


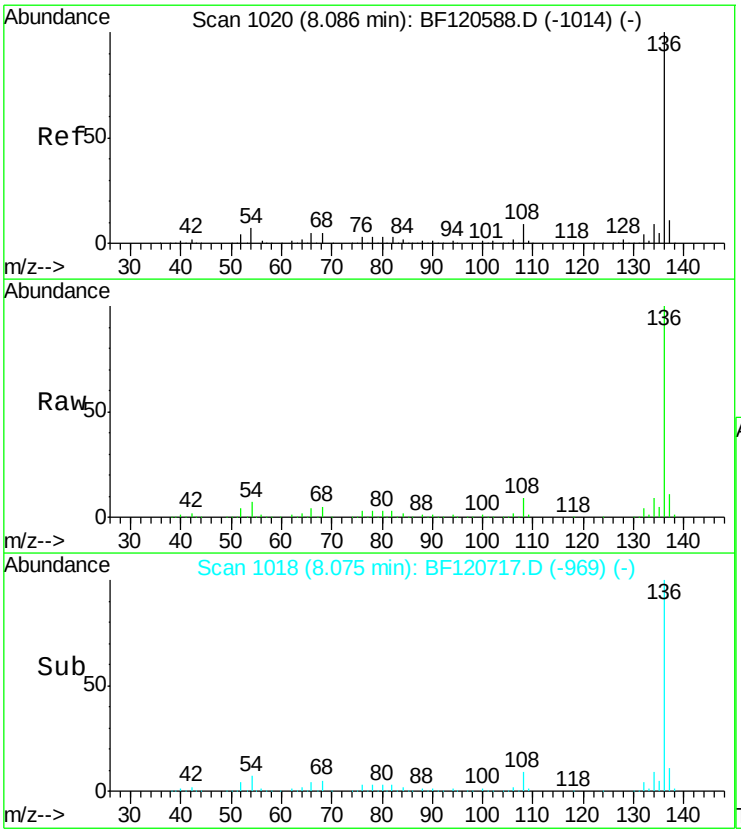
#7
Phenol-d6
Concen: 95.553 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tgt Ion: 99 Resp: 994708

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.0	21.0
71	33.1	24.9	37.3

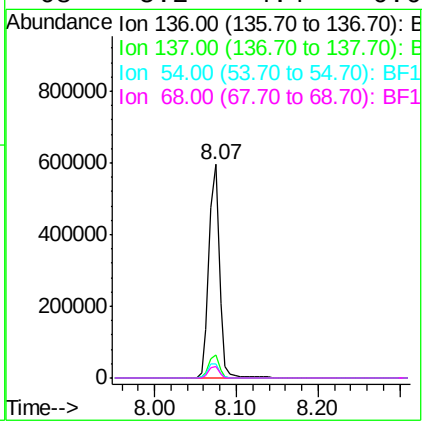


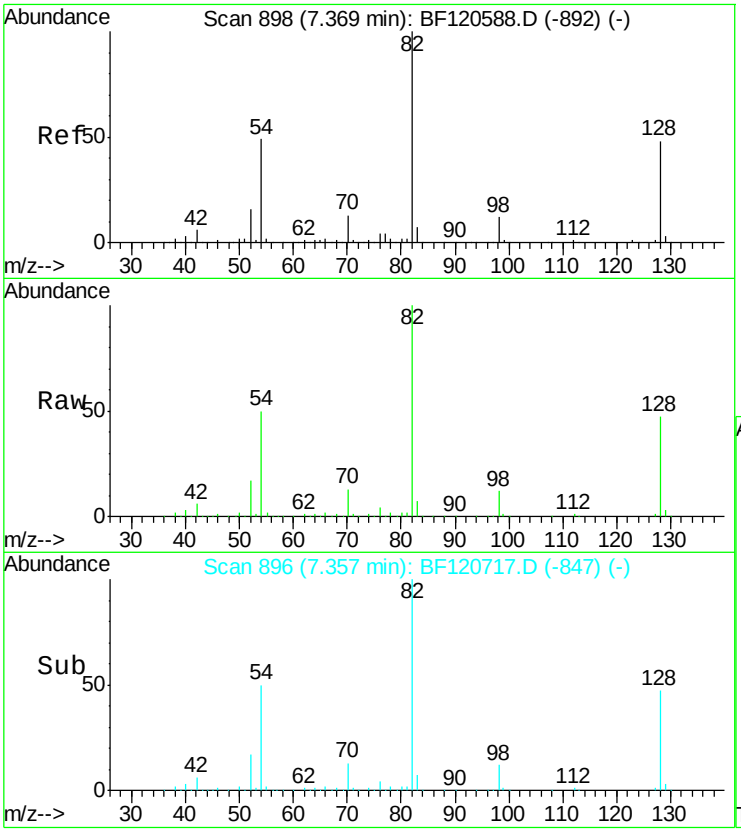


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion:136 Resp: 534836

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.8	5.8	8.6
68	5.2	4.4	6.6



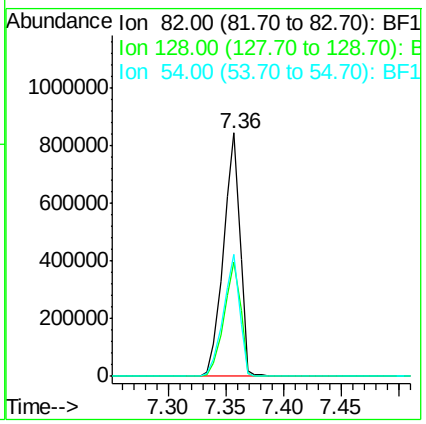


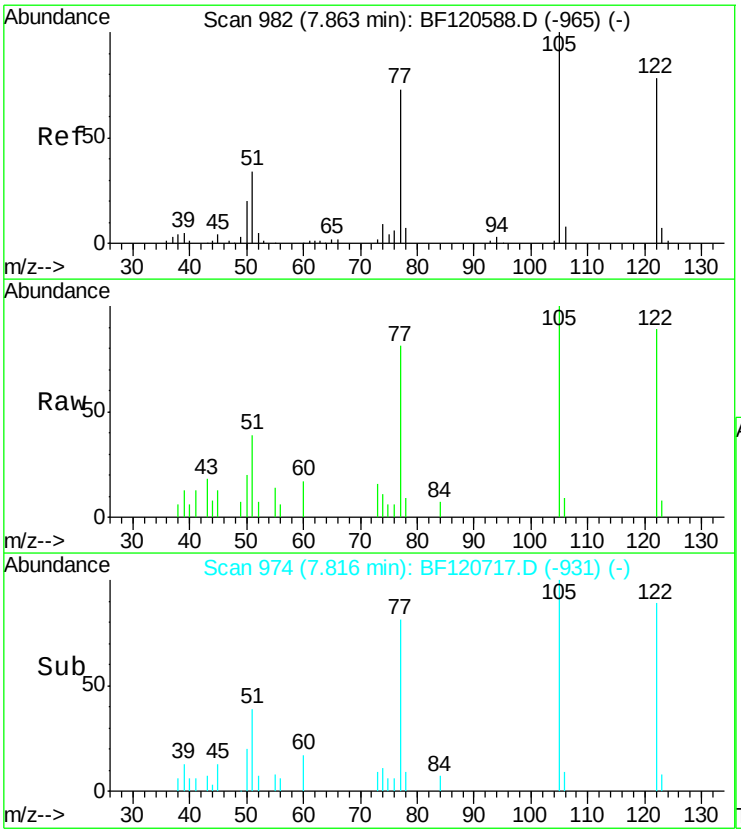
#23
Nitrobenzene-d5
Concen: 88.122 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tgt Ion: 82 Resp: 843178

Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.0	57.0
54	49.9	38.8	58.2

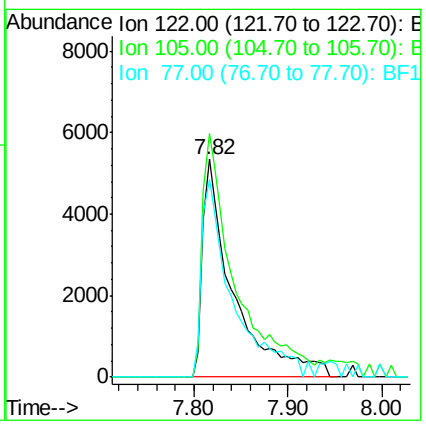


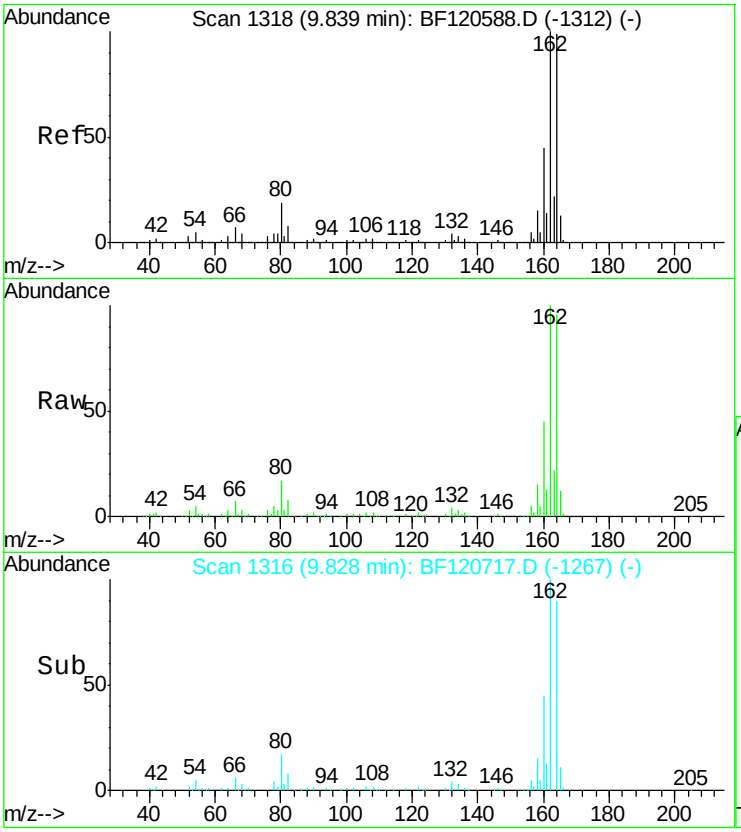


#32
Benzoic acid
Concen: 2.036 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.05 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion:122 Resp: 12184

Ion	Ratio	Lower	Upper
122	100		
105	111.8	101.0	141.0
77	90.5	69.8	109.8



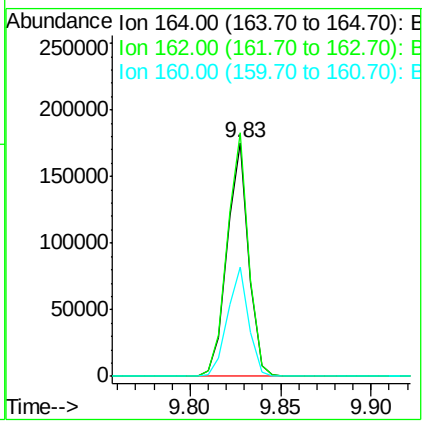


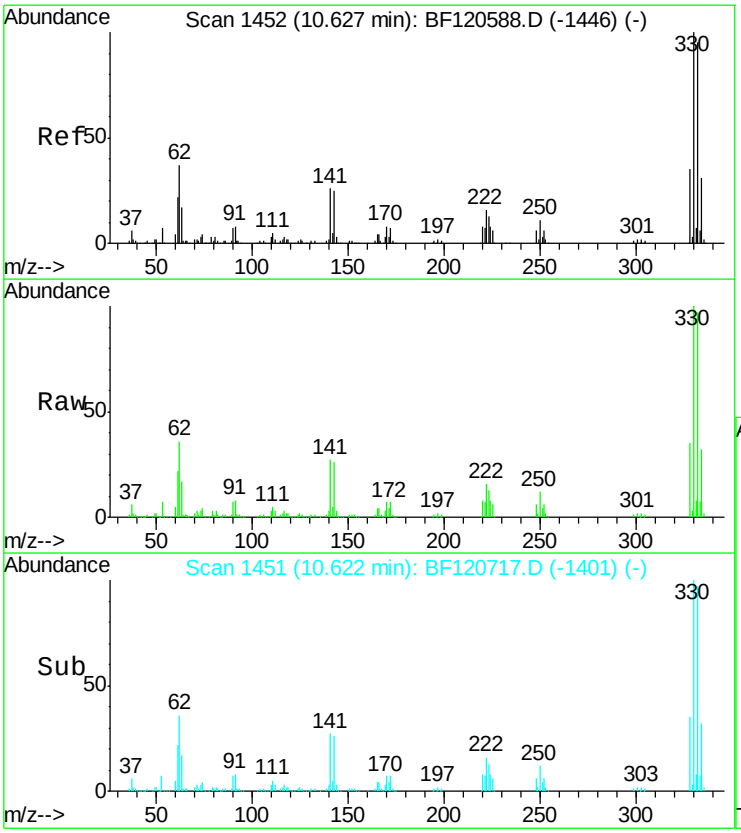
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tgt Ion:164 Resp: 145350

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.6	120.8
160	46.6	36.2	54.2

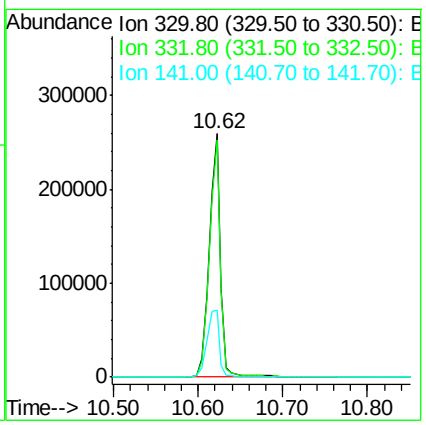


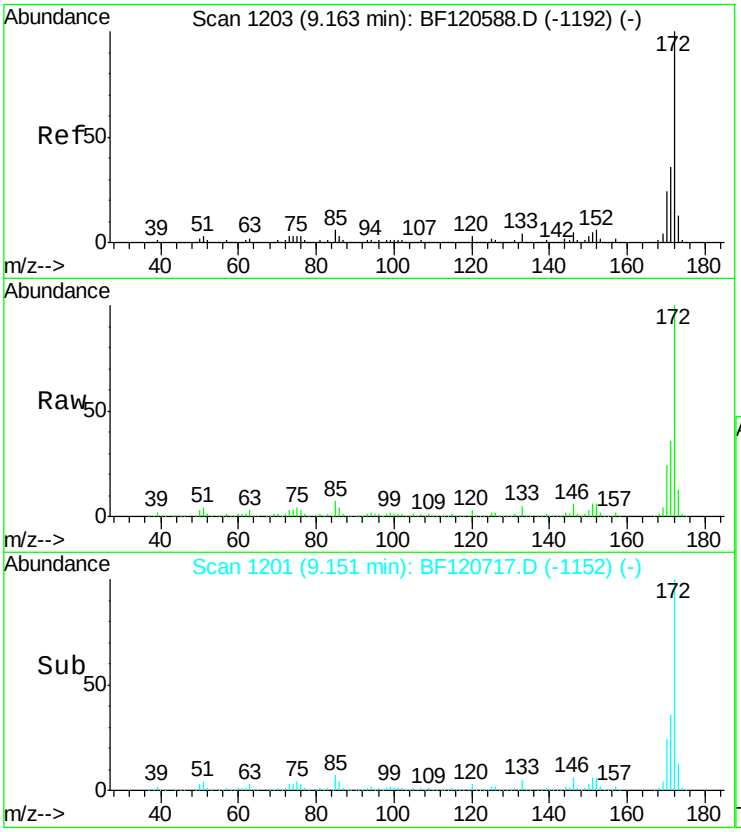


#42
2,4,6-Tribromophenol
Concen: 145.640 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion:330 Resp: 246117

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	30.6	23.2	34.8



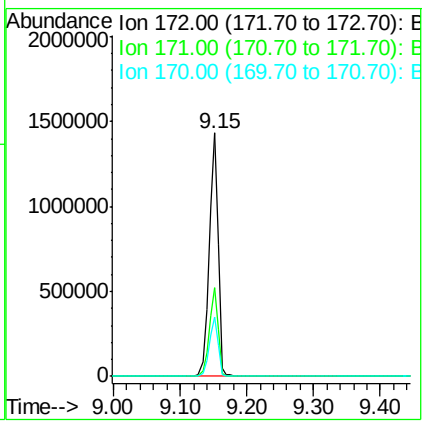


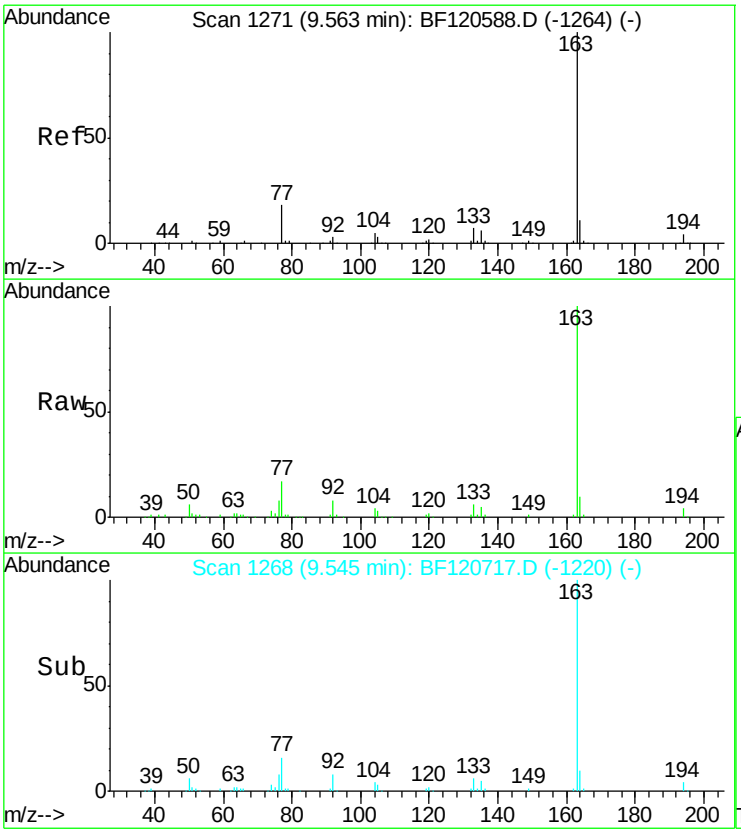
#45
2-Fluorobiphenyl
Concen: 140.989 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tgt Ion:172 Resp: 1339412

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.3	19.4	29.2

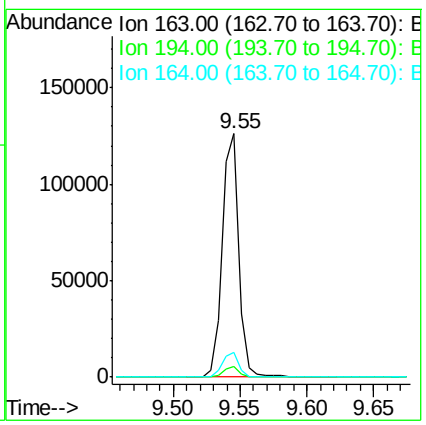


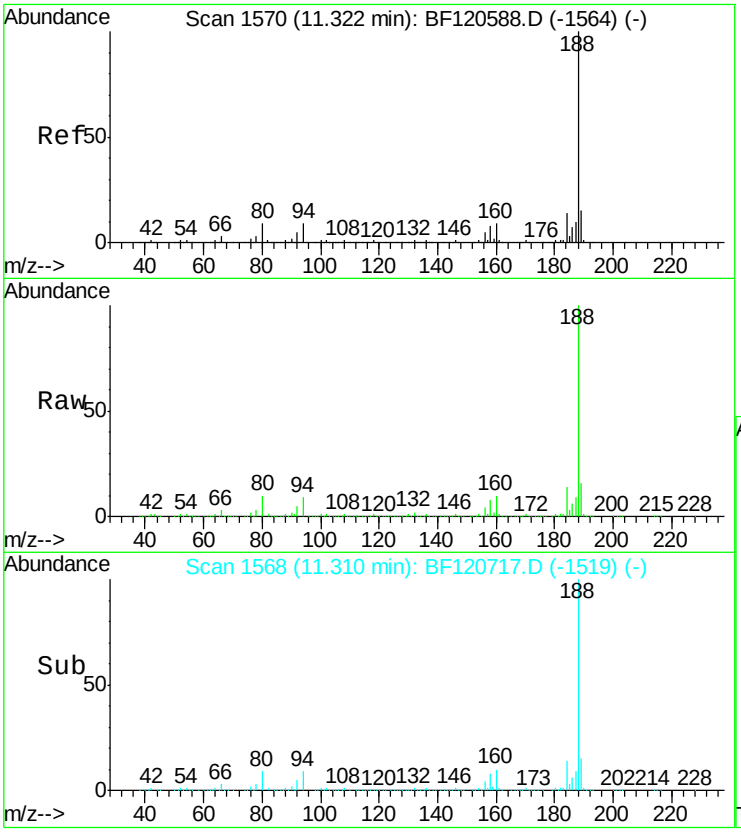


#50
Dimethylphthalate
Concen: 10.584 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion:163 Resp: 110800

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	10.3	8.5	12.7



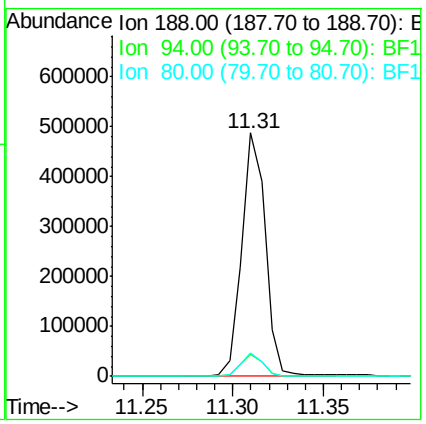


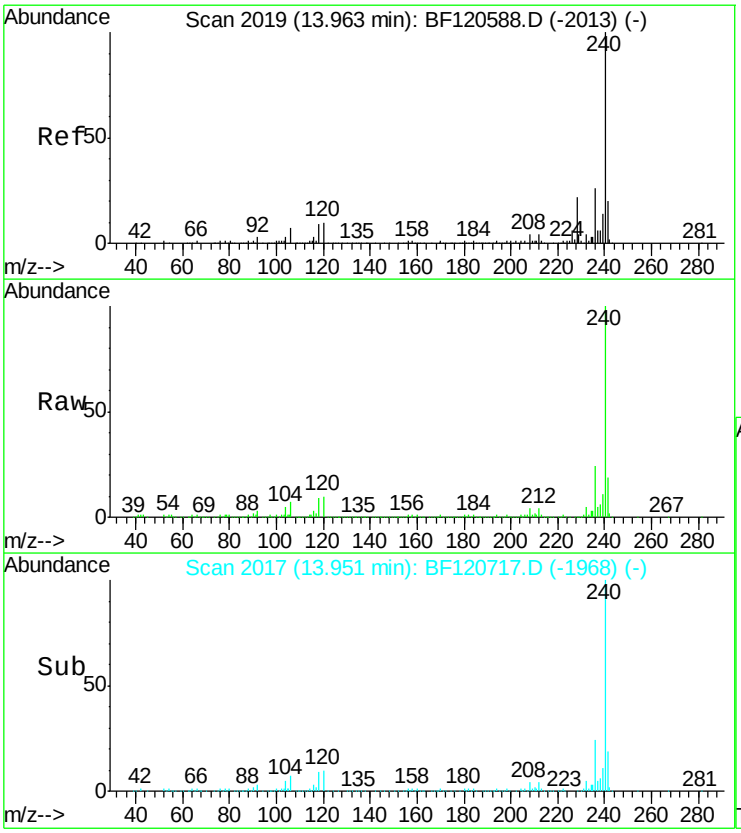
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tgt Ion:188 Resp: 442140

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.5	7.4	11.2

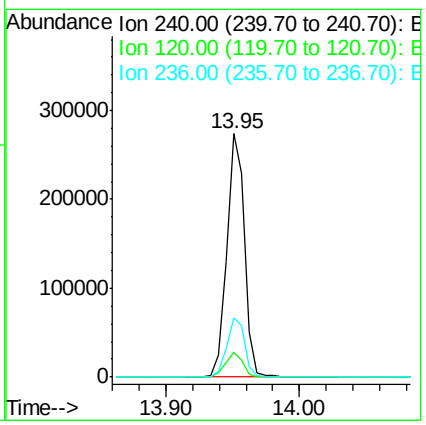


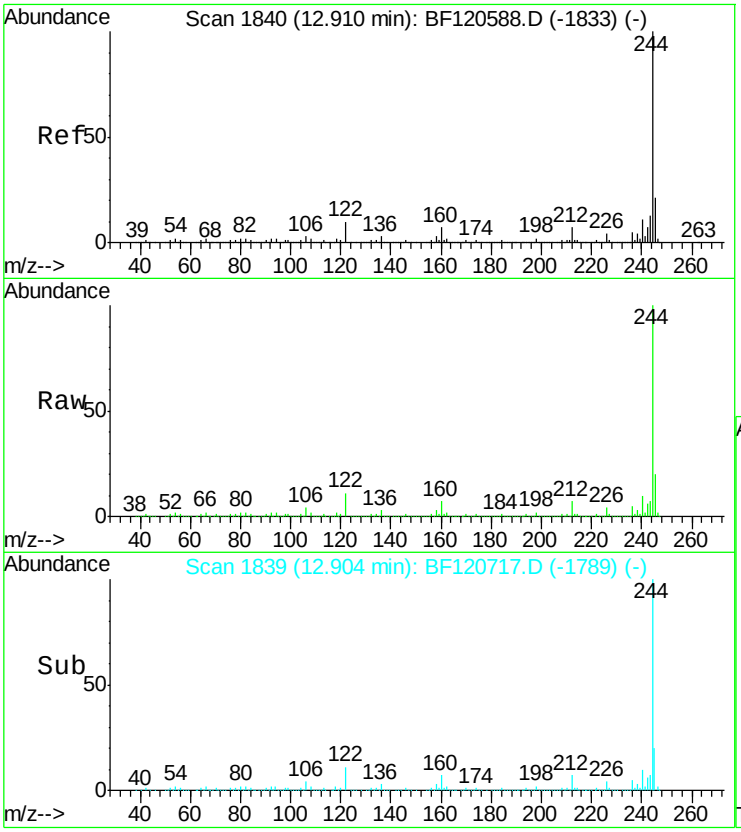


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion:240 Resp: 255606

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	24.4	21.0	31.4



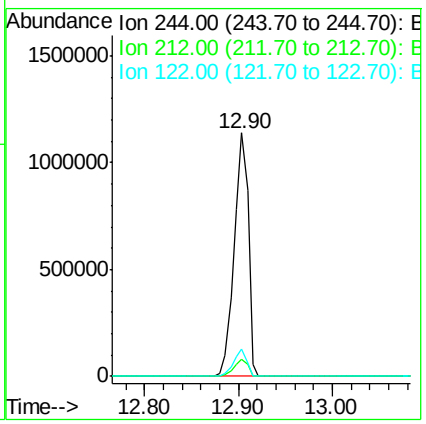


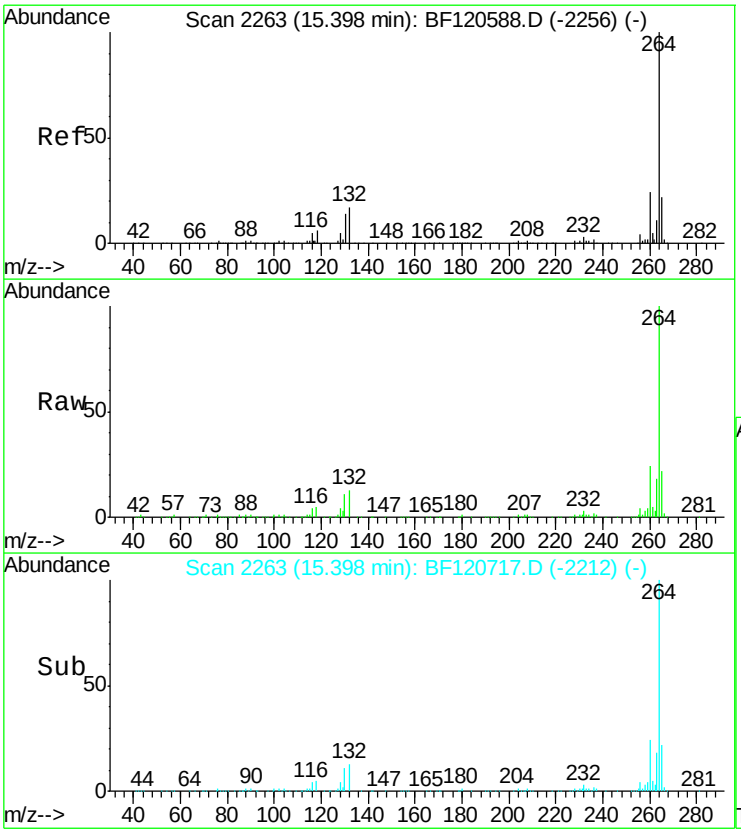
#79
Terphenyl-d14
Concen: 102.145 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tgt Ion:244 Resp: 1181992

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.0	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120717.D
Acq: 26 Jun 2020 19:06

Tgt Ion:264 Resp: 261845

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	22.0	17.8	26.8