Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120021.D
Acq On : 16 Apr 2020 4:40
Operator : MA/SJ
Sample : L2261-06
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCQ-632-X

Quant Time: Apr 16 05:40:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	160422	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	627589	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	341270	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	653120	20.00	ng	0.00
76) Chrysene-d12	13.89	240	479986	20.00	ng	-0.01
87) Perylene-d12	15.31	264	360374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.36	99	2471	0.21	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1054980	86.96	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	120	0.03	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	2075026	86.33	ng	0.00
79) Terphenyl-d14	12.84	244	2255172	79.06	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.48	163	172292	6.527	ng	99
74) Di-n-butylphthalate	11.82	149	130717	2.961	ng	99

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

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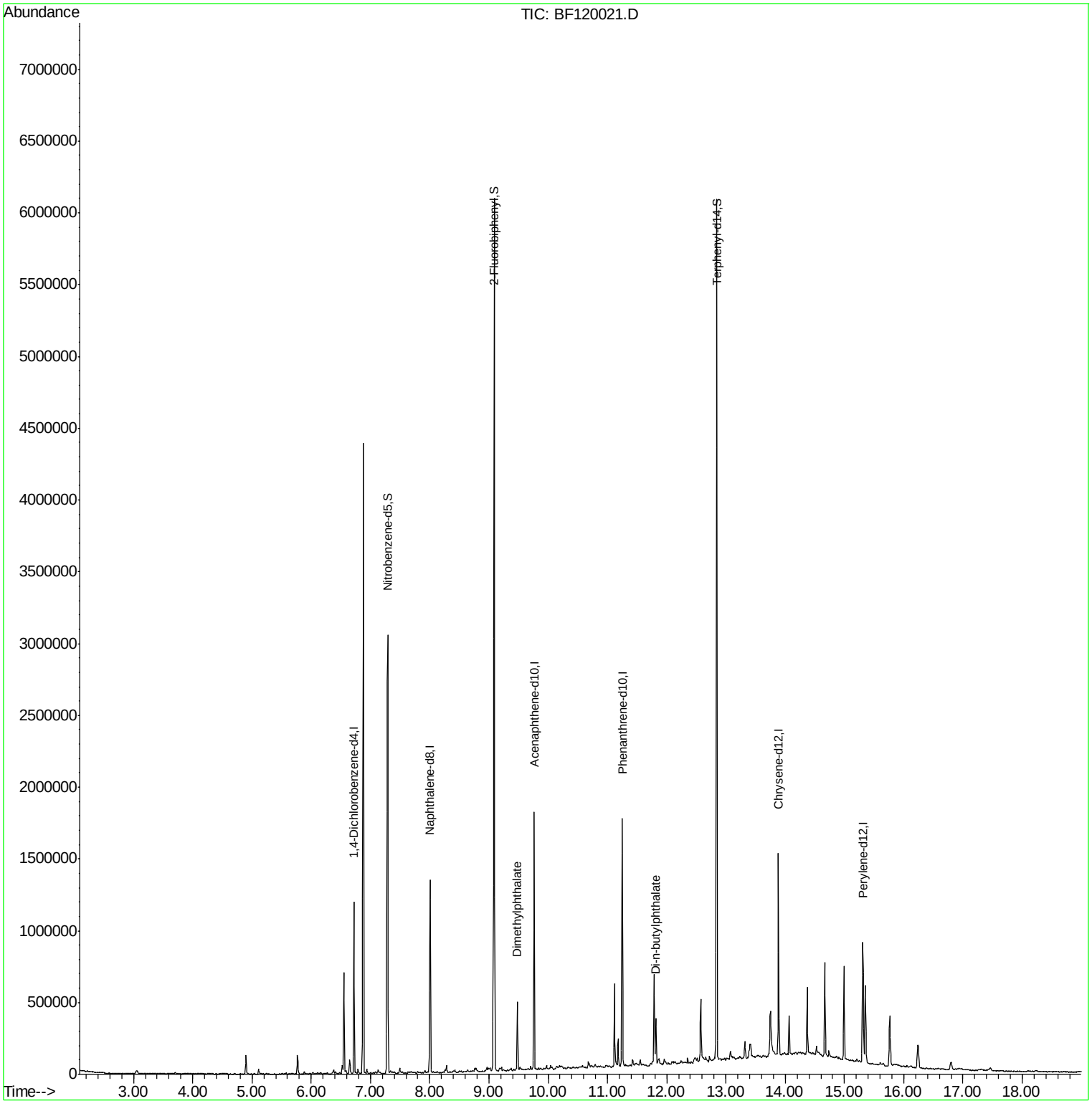
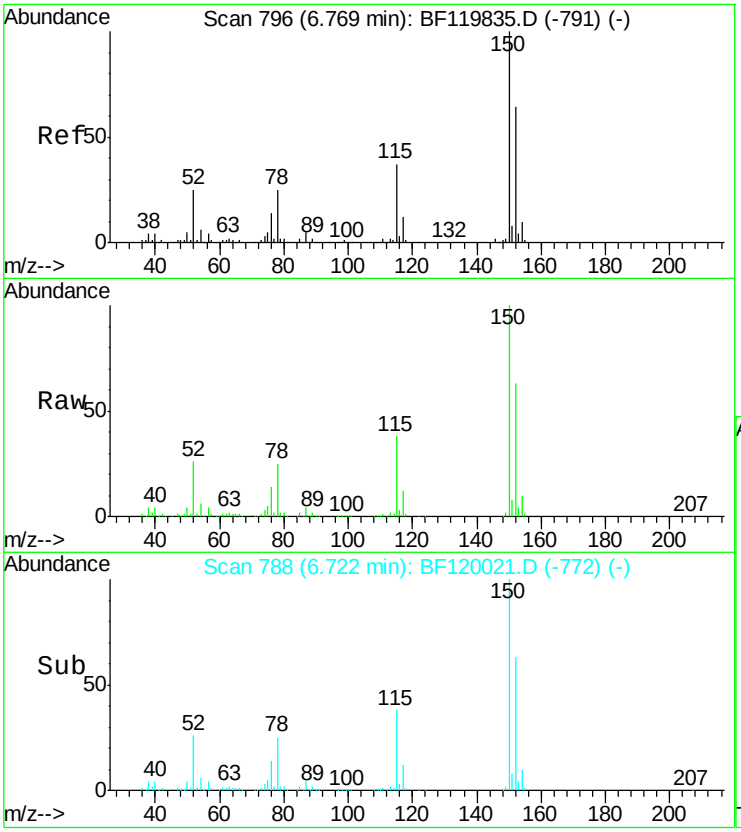


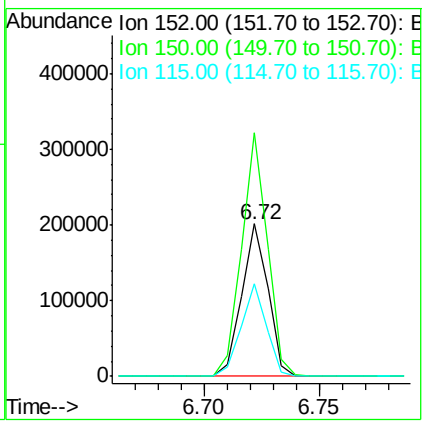


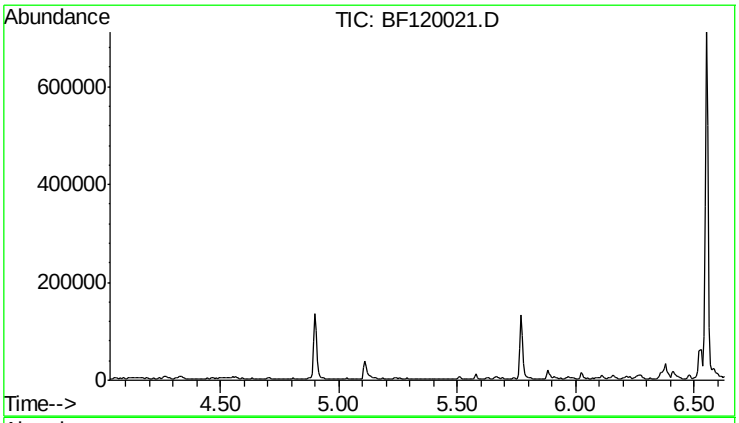
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Instrument :
BNA_F
ClientSampleId :
NCQ-632-X

Tgt Ion:152 Resp: 160422

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.8	187.2
115	60.6	46.5	69.7



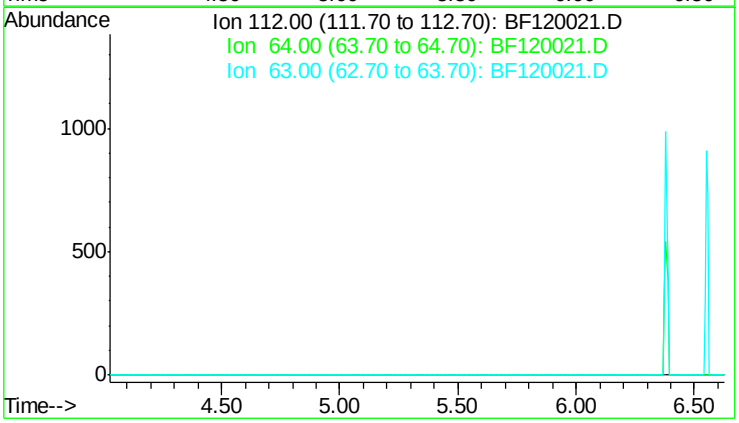


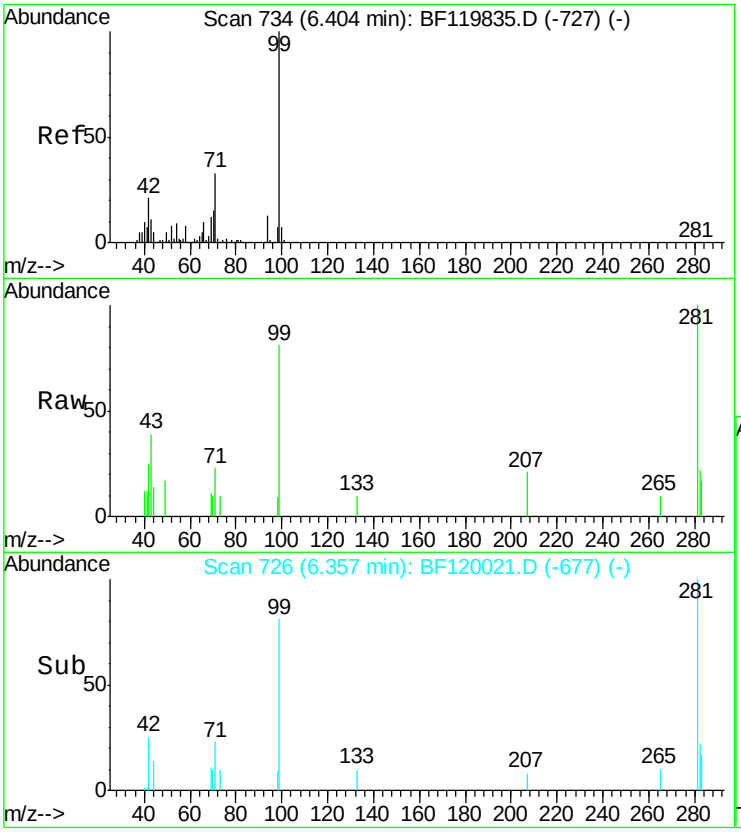
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.33 min

Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	69.4
63	36.4



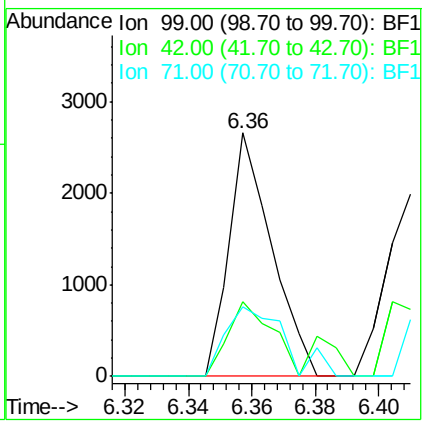


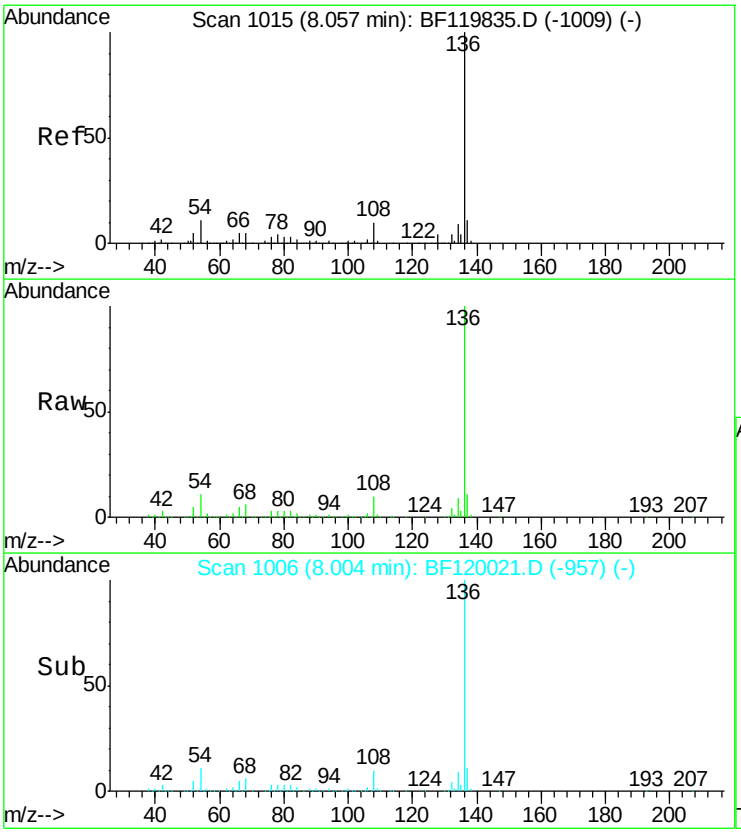
#7
Phenol-d6
Concen: 0.207 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Instrument :
BNA_F
ClientSampleId :
NCQ-632-X

Tgt Ion: 99 Resp: 2471

Ion	Ratio	Lower	Upper
99	100		
42	30.6	16.9	25.3#
71	28.5	26.3	39.5

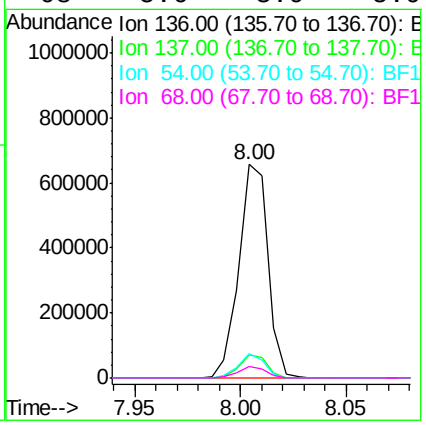


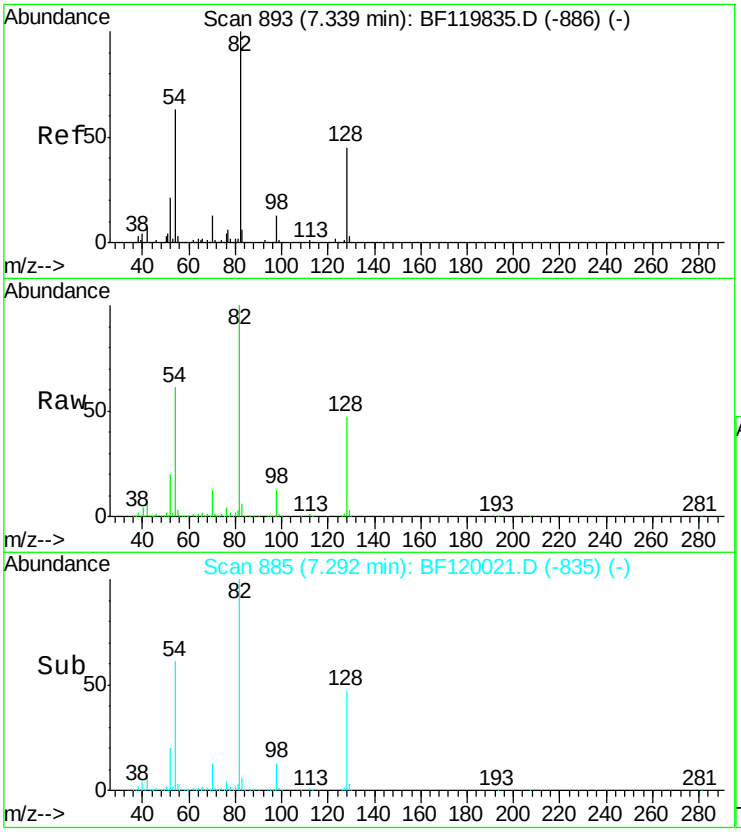


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Tgt Ion:136 Resp: 627589

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.3	8.5	12.7
68	5.6	3.9	5.9



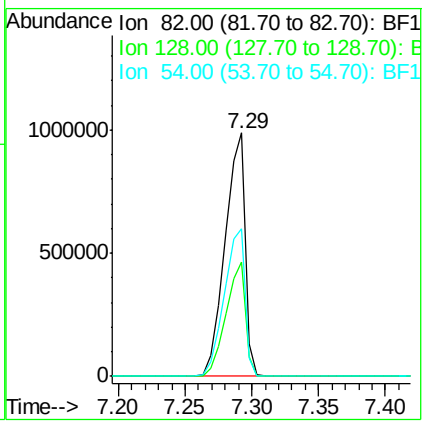


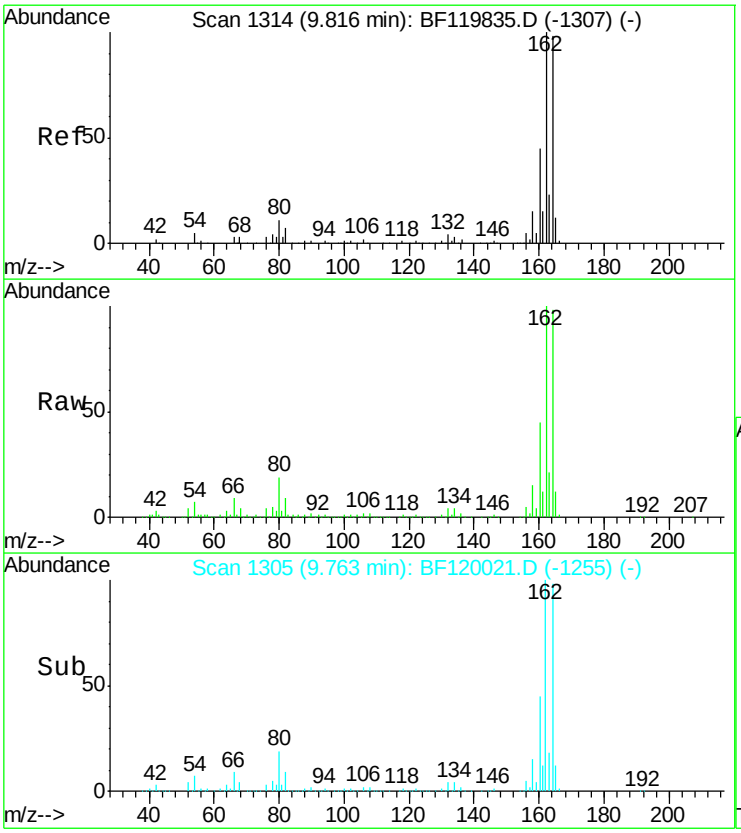
#23
Nitrobenzene-d5
Concen: 86.964 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Instrument :
BNA_F
ClientSampleId :
NCQ-632-X

Tgt Ion: 82 Resp: 1054980

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.2	54.4
54	60.6	50.4	75.6

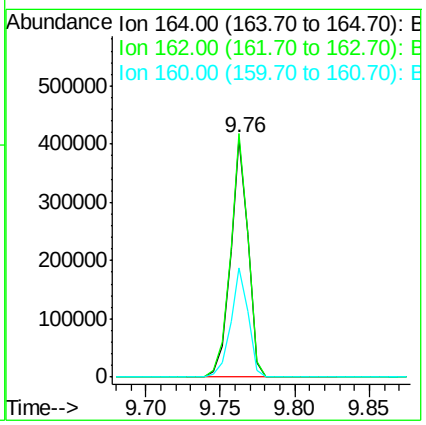


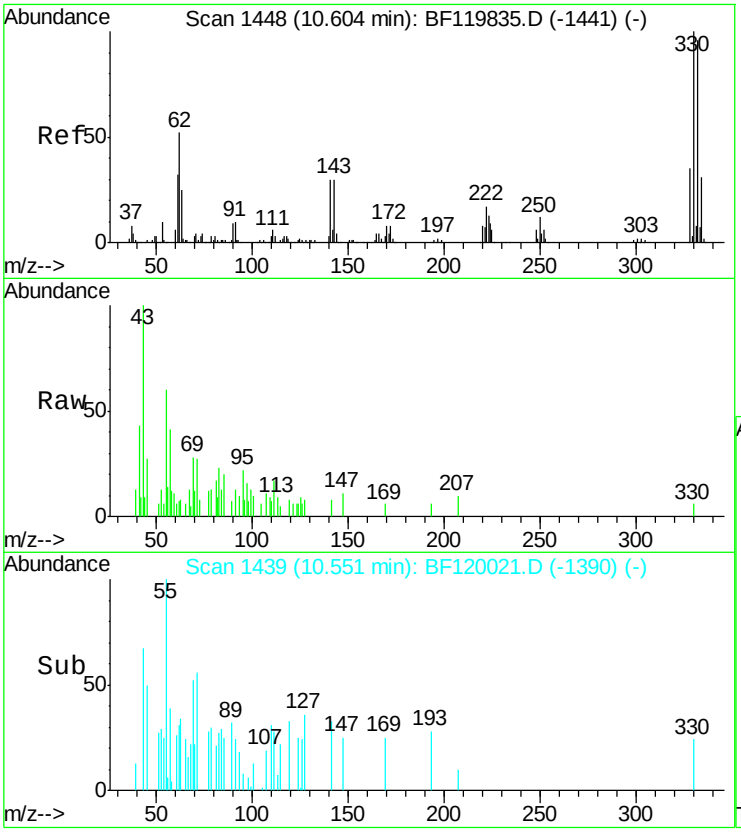


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Tgt Ion:164 Resp: 341270

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.9	122.9
160	45.7	36.6	54.8



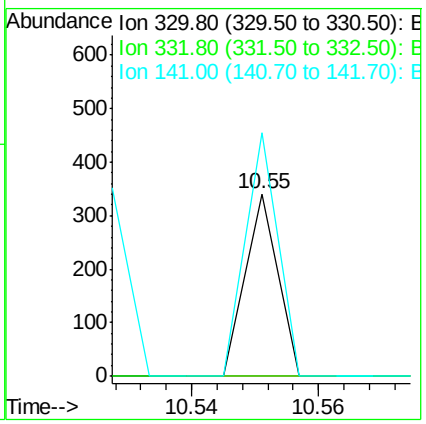


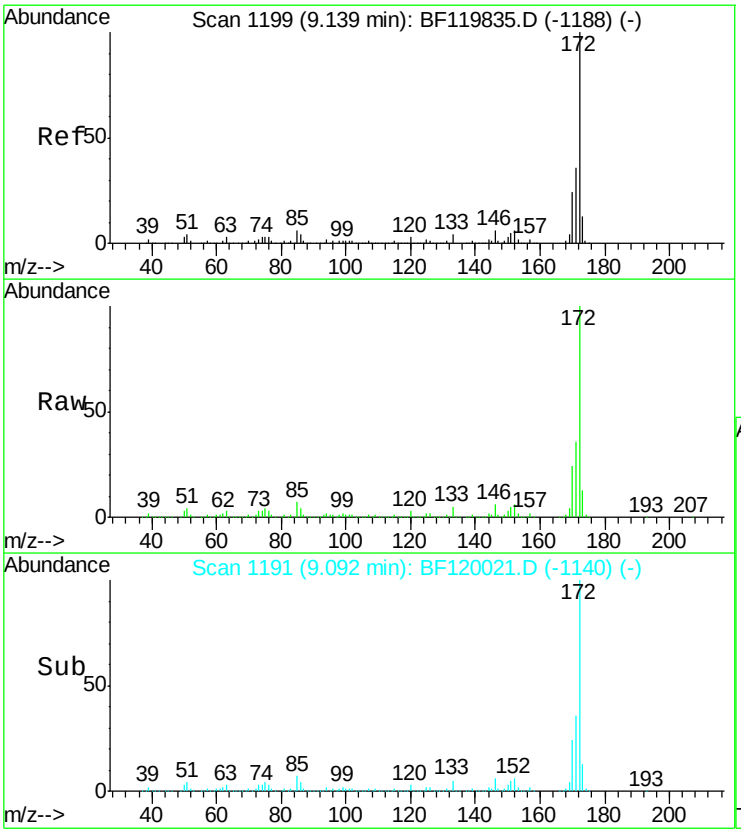
#42
2,4,6-Tribromophenol
Concen: 0.029 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Instrument :
BNA_F
ClientSampleId :
NCQ-632-X

Tgt Ion:330 Resp: 120

Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.8	115.2#
141	134.2	25.1	37.7#

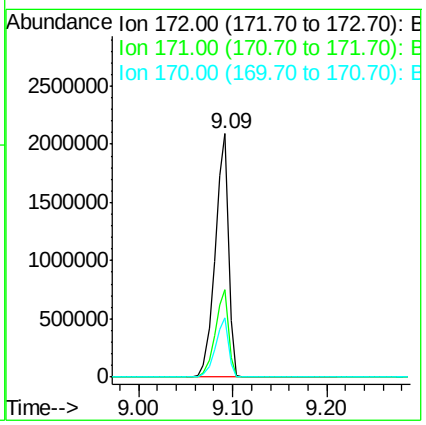


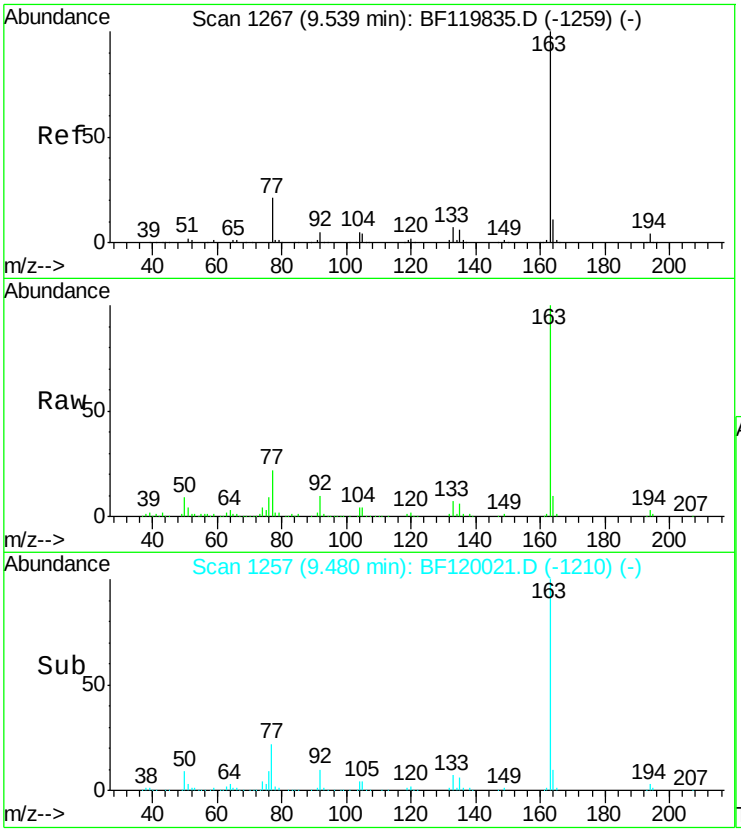


#45
2-Fluorobiphenyl
Concen: 86.327 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Tgt Ion:172 Resp: 2075026

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.2	19.4	29.2



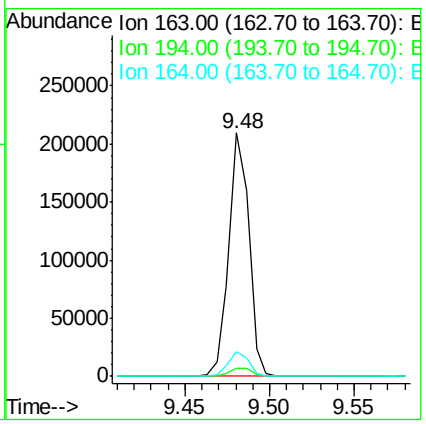


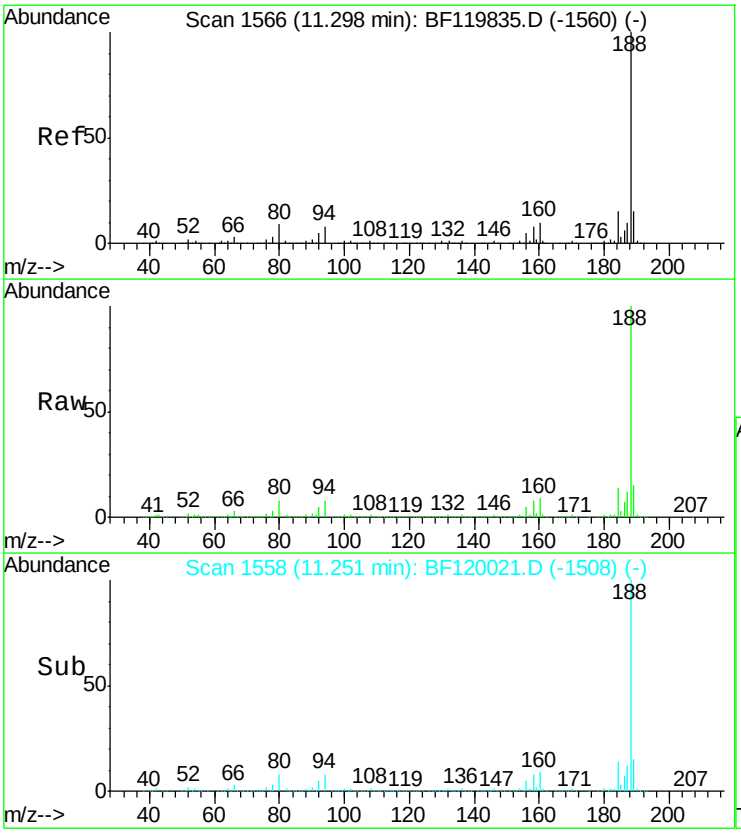
#50
Dimethylphthalate
Concen: 6.527 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Instrument :
BNA_F
ClientSampleId :
NCQ-632-X

Tgt Ion:163 Resp: 172292

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.1	8.4	12.6

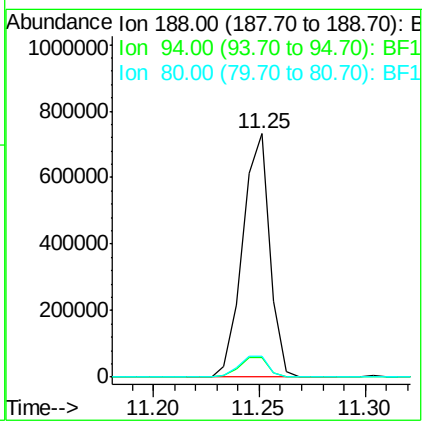


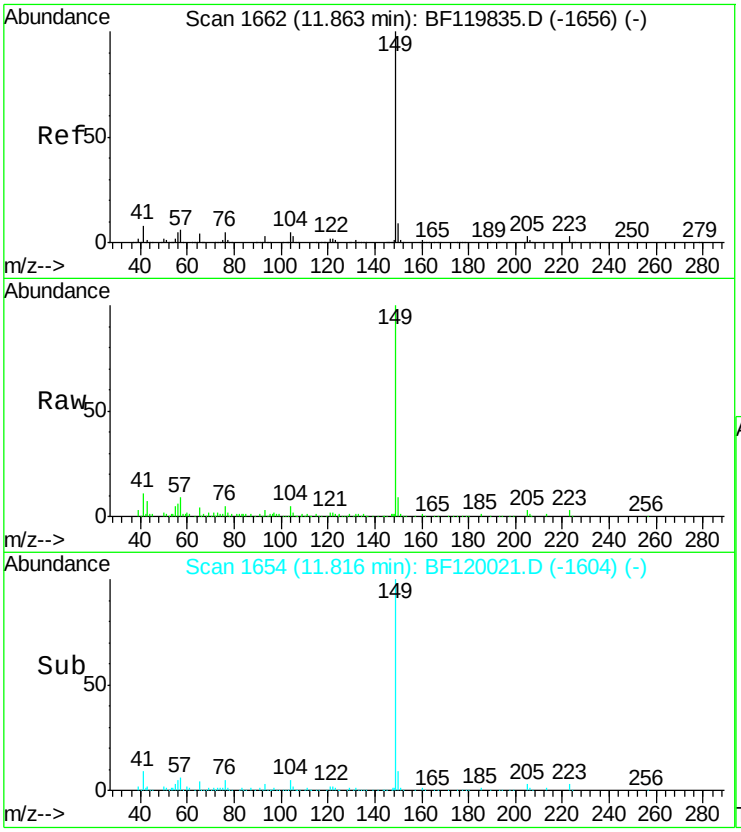


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Tgt Ion:188 Resp: 653120

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.5	7.4	11.2



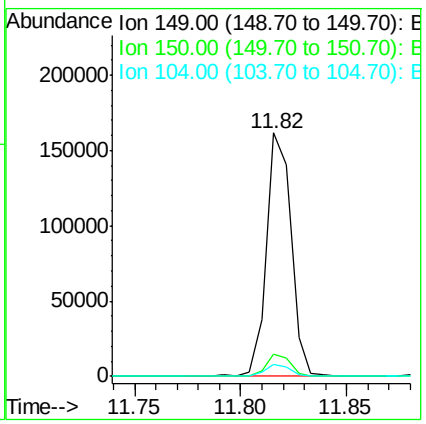


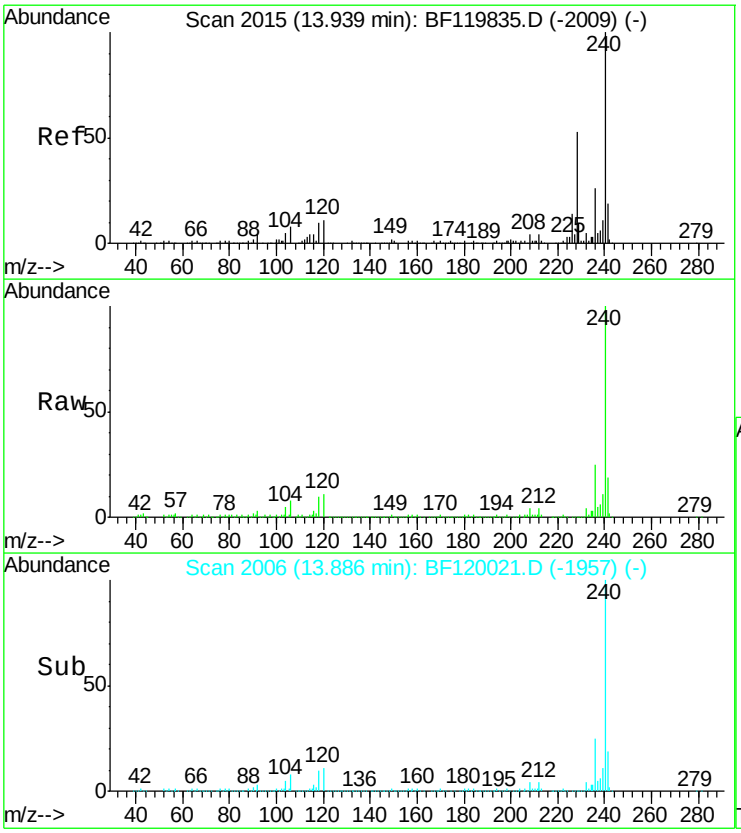
#74
Di-n-butylphthalate
Concen: 2.961 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Instrument :
BNA_F
ClientSampleId :
NCQ-632-X

Tgt Ion:149 Resp: 130717

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.8	3.8	5.6

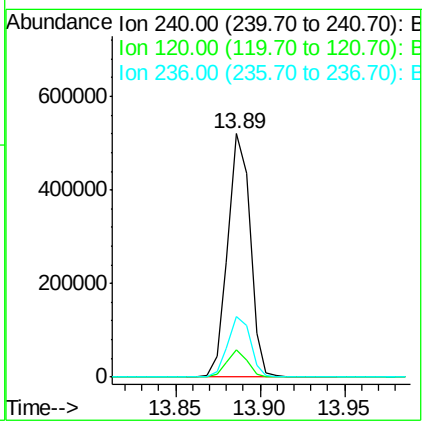


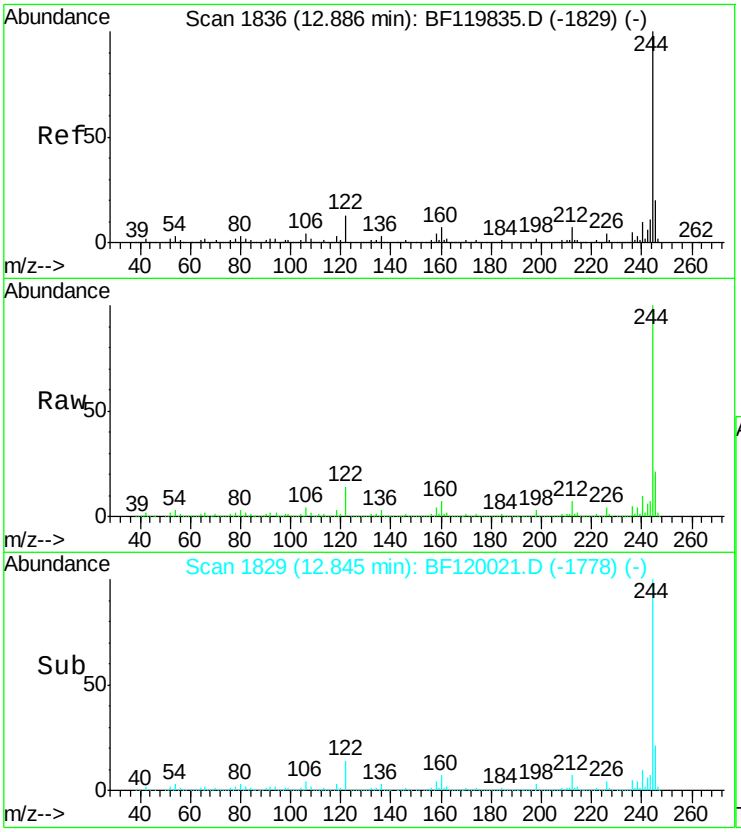


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Tgt Ion:240 Resp: 479986

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.6
236	24.8	20.7	31.1



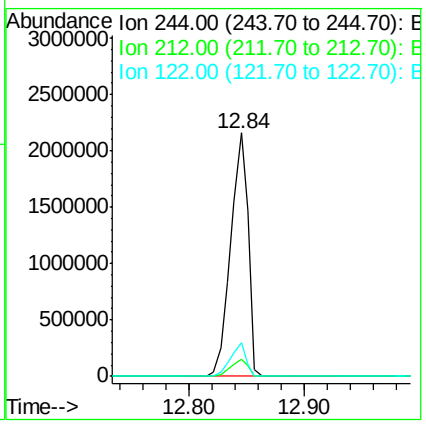


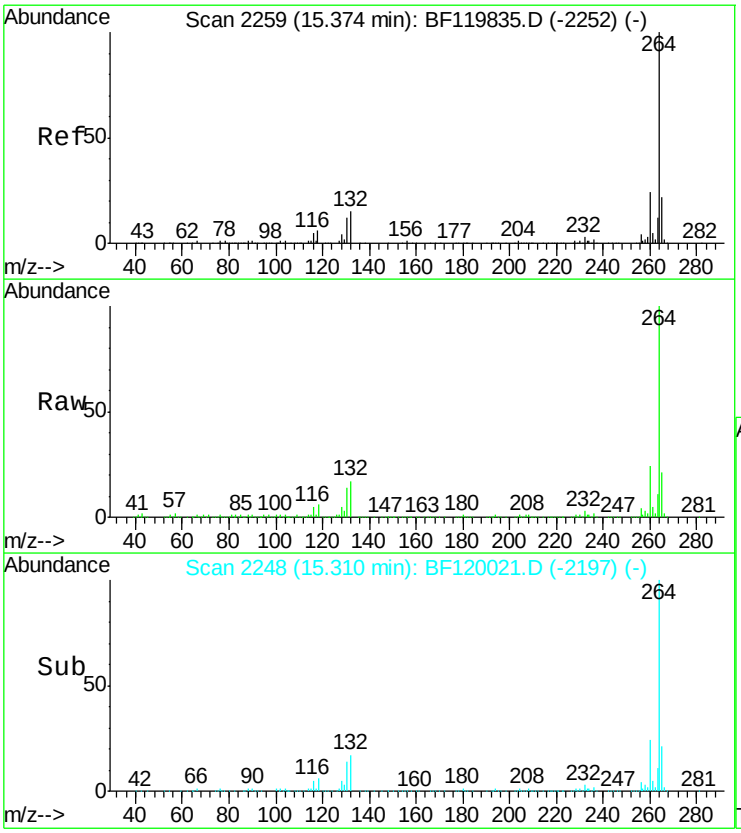
#79
Terphenyl-d14
Concen: 79.058 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Instrument :
BNA_F
ClientSampleId :
NCQ-632-X

Tgt Ion:244 Resp: 2255172

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.6	10.3	15.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF120021.D
Acq: 16 Apr 2020 4:40

Tgt Ion:264 Resp: 360374

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.4	17.6	26.4