Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119239.D
Acq On : 6 Mar 2020 4:22
Operator : CG/JU
Sample : L1748-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-06-030320

Quant Time: Mar 06 08:20:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151023	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	564860	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	288351	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	447621	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	274005	20.00	ng	-0.02
87) Perylene-d12	15.30	264	317578	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	796235	88.11	ng	-0.01
7) Phenol-d6	6.38	99	953402	86.75	ng	-0.02
23) Nitrobenzene-d5	7.29	82	632719	59.14	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	270058	71.59	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1186397	60.61	ng	-0.03
79) Terphenyl-d14	12.82	244	983029	61.77	ng	-0.03
Target Compounds						Qvalue
50) Dimethylphthalate	9.47	163	113597	5.152	ng	100
78) Pyrene	12.69	202	46208	2.100	ng	97

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

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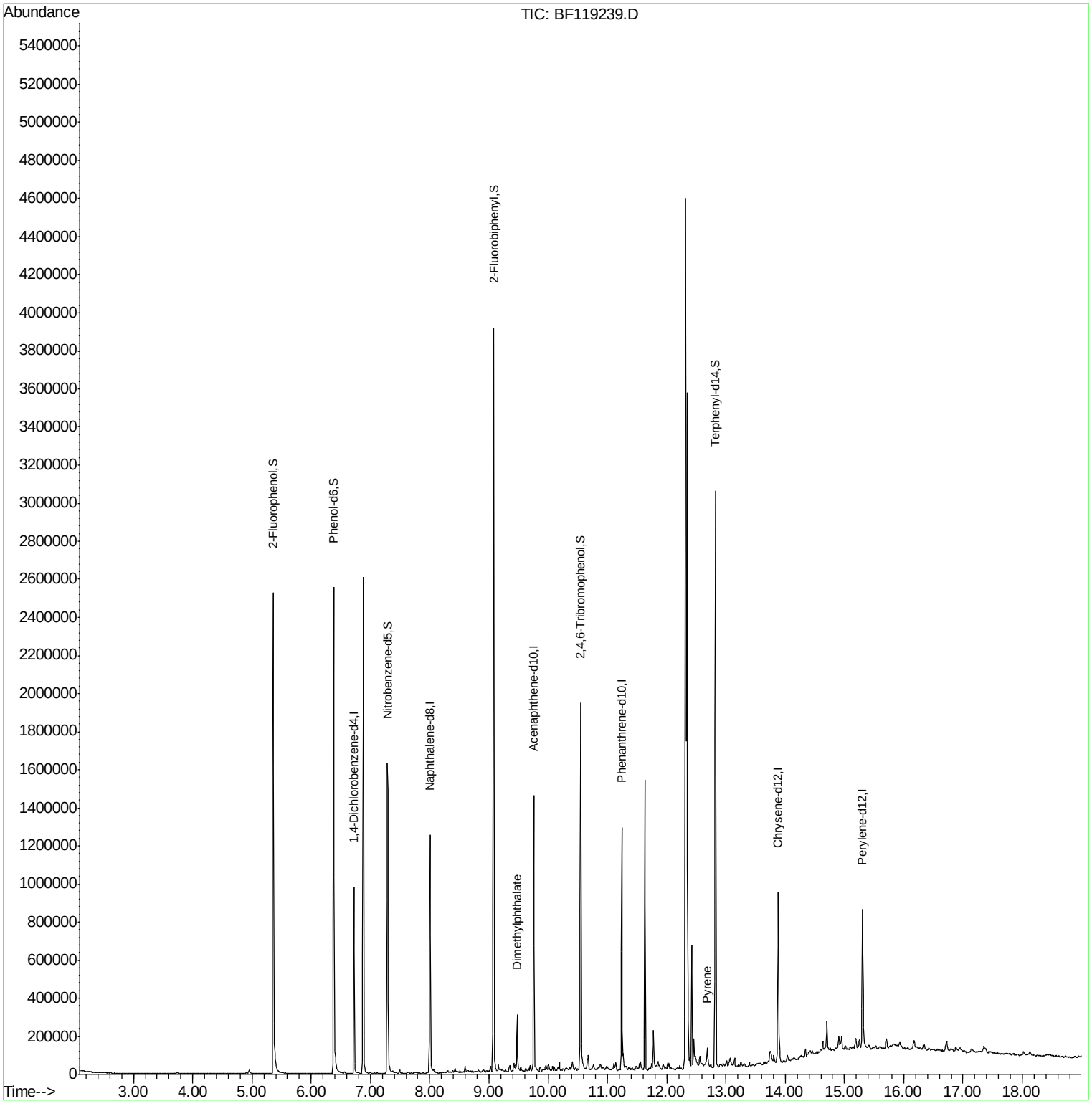
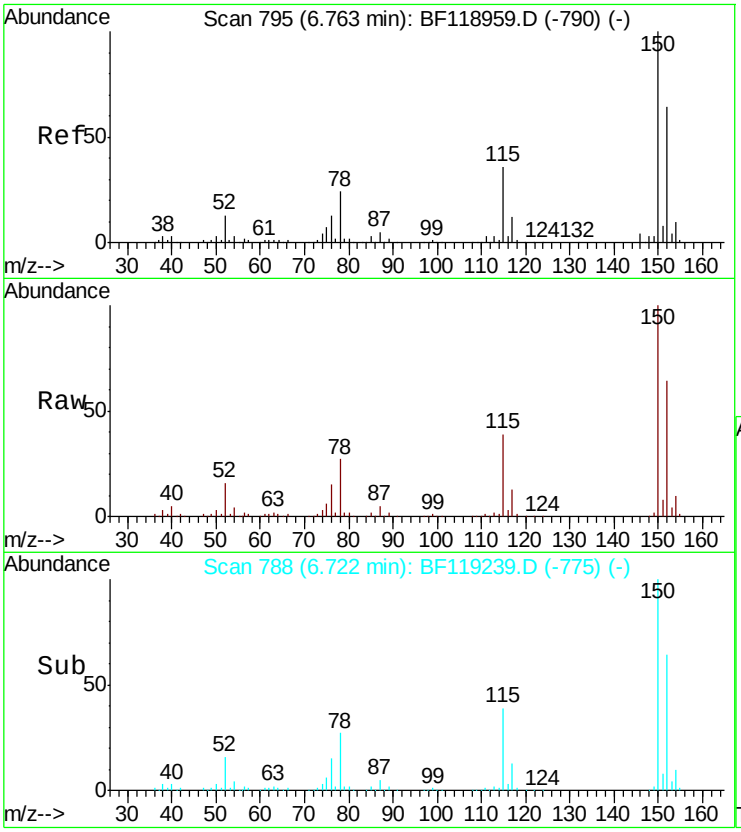


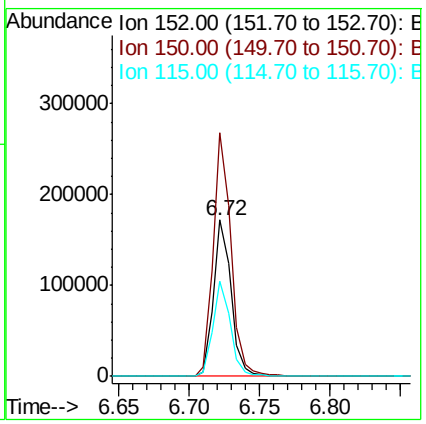


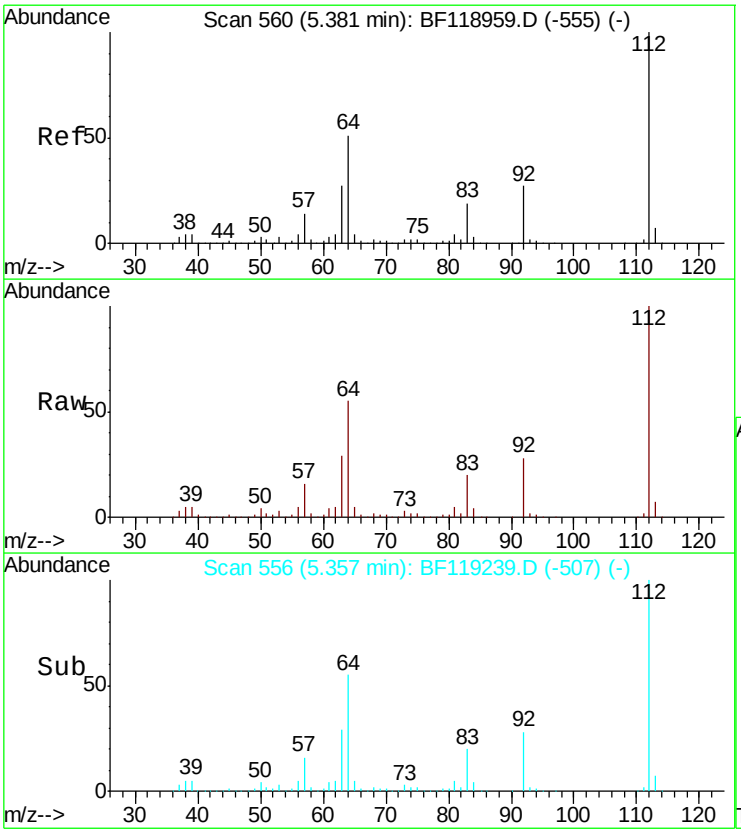
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Instrument :
BNA_F
ClientSampleId :
AU-06-030320

Tgt Ion:152 Resp: 151023

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.0	184.6
115	60.9	49.5	74.3

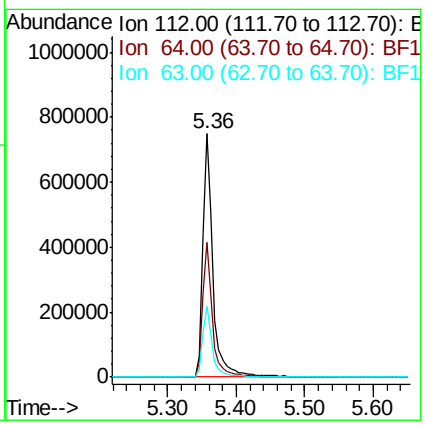


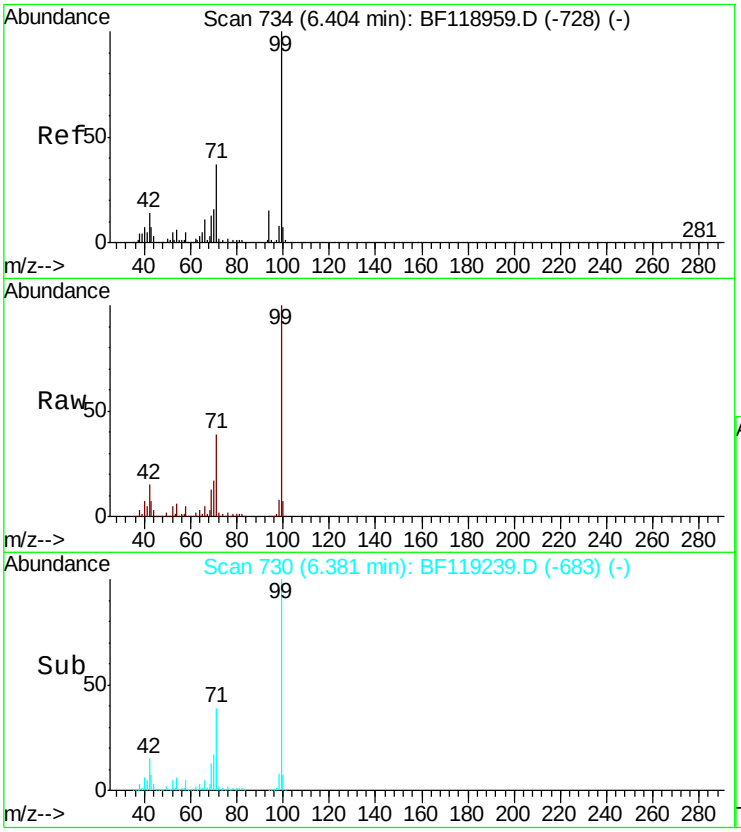


#5
2-Fluorophenol
Concen: 88.109 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Tgt Ion:112 Resp: 796235

Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.0	67.4
63	29.2	24.2	36.4



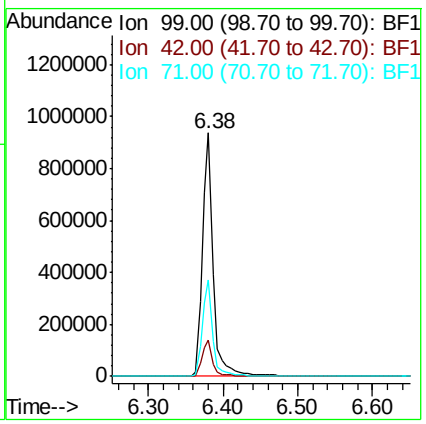


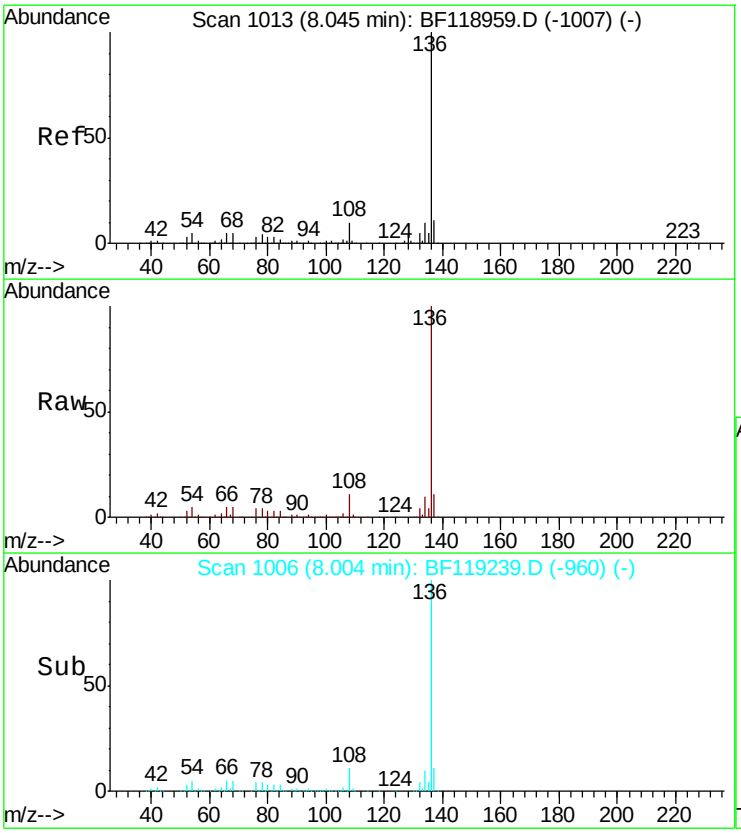
#7
Phenol-d6
Concen: 86.747 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Instrument :
BNA_F
ClientSampleId :
AU-06-030320

Tgt Ion: 99 Resp: 953402

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.6	18.8
71	39.4	31.0	46.4

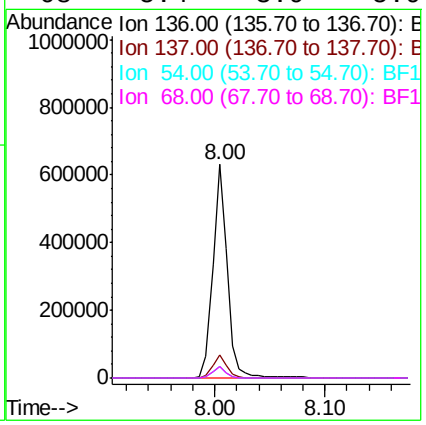


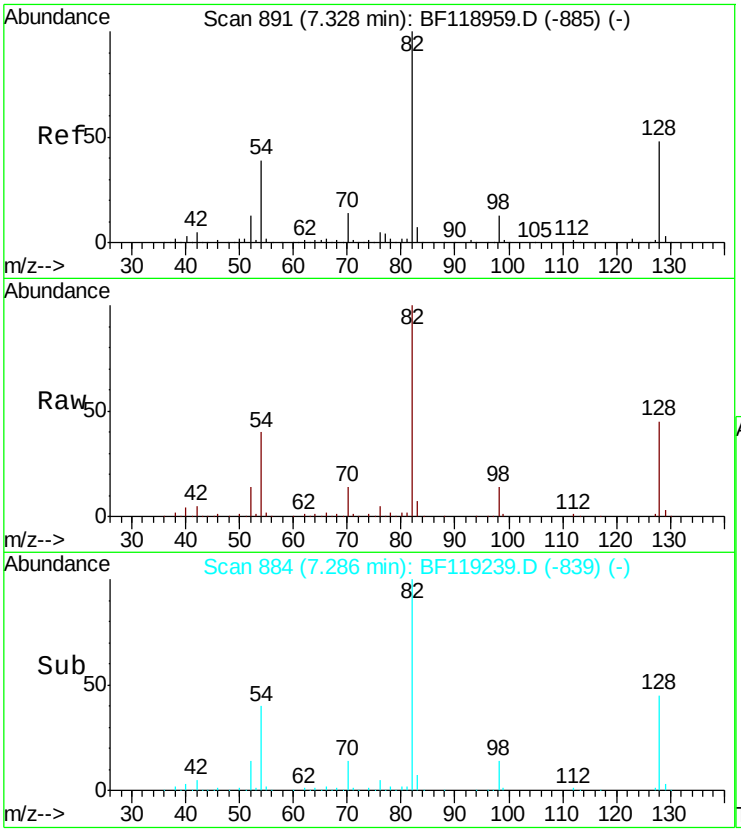


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Tgt Ion:136 Resp: 564860

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.2	3.8	5.6
68	5.4	3.9	5.9



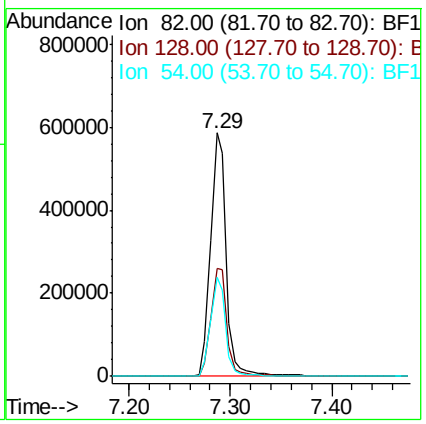


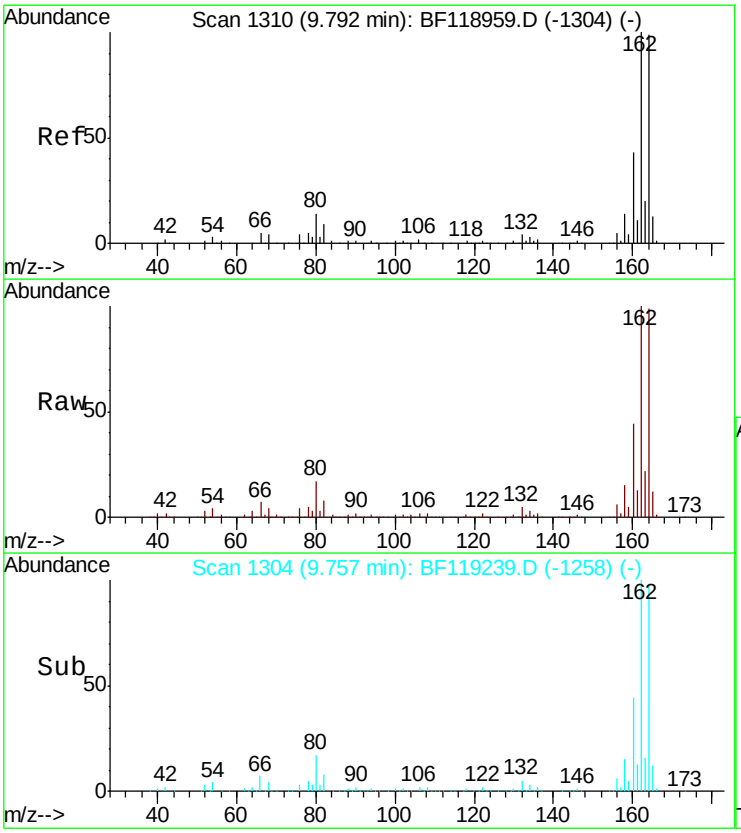
#23
Nitrobenzene-d5
Concen: 59.143 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Instrument :
BNA_F
ClientSampleId :
AU-06-030320

Tgt Ion: 82 Resp: 632719

Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.9	56.9
54	40.4	33.4	50.2

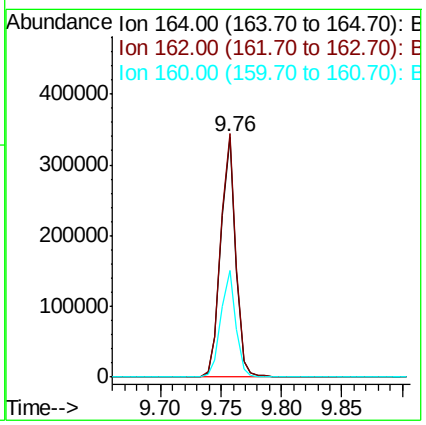


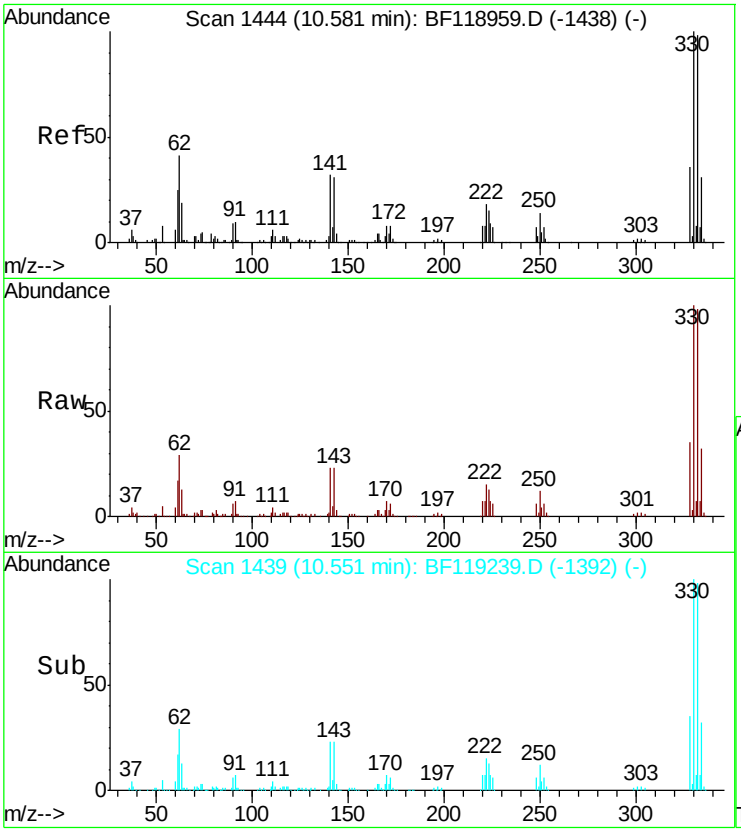


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Tgt Ion:164 Resp: 288351

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.8
160	44.5	36.0	54.0



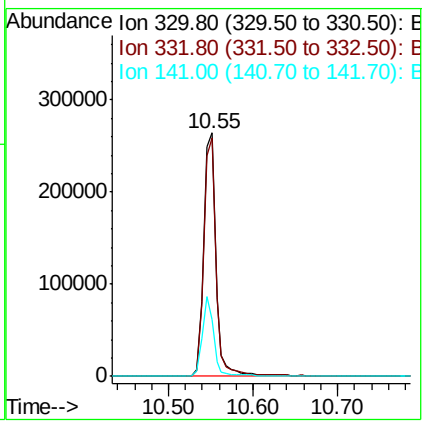


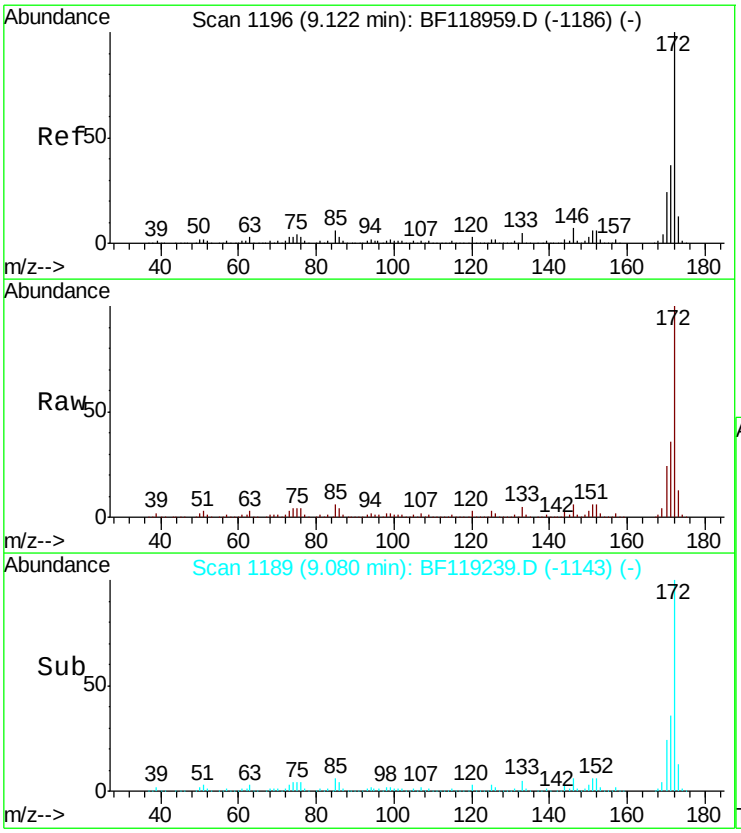
#42
2,4,6-Tribromophenol
Concen: 71.593 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Instrument :
BNA_F
ClientSampleId :
AU-06-030320

Tgt Ion:330 Resp: 270058

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	30.5	22.9	34.3

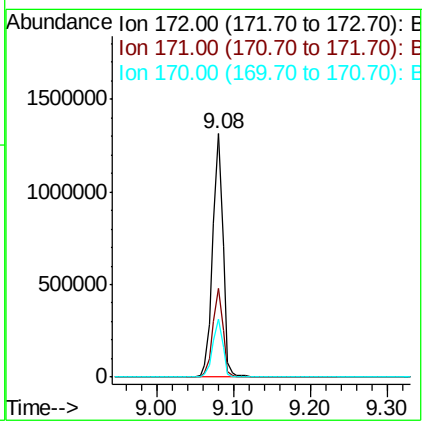


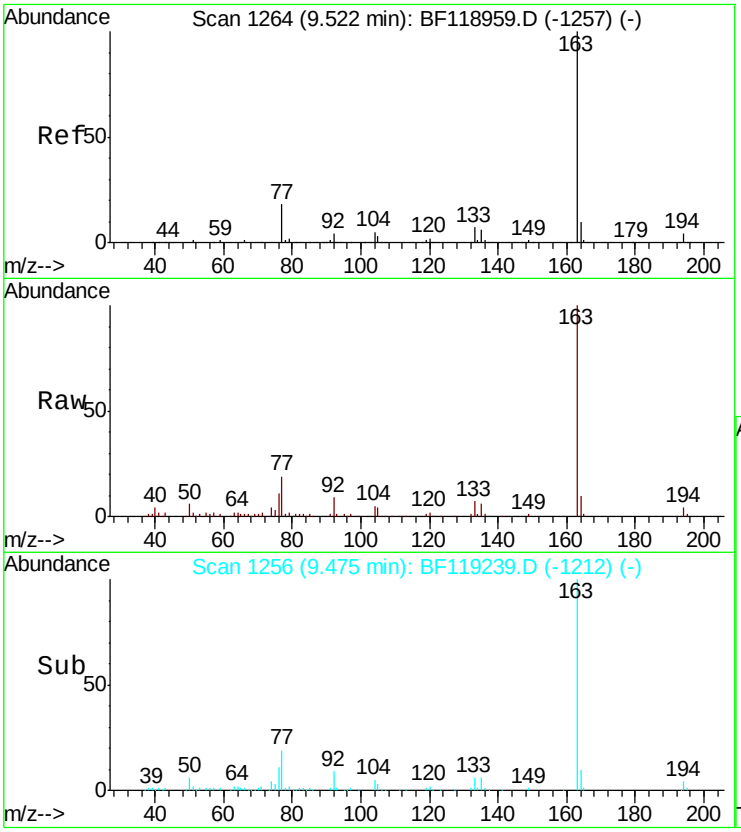


#45
2-Fluorobiphenyl
Concen: 60.612 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Tgt Ion:172 Resp: 1186397

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.6	45.8
170	24.0	20.2	30.2



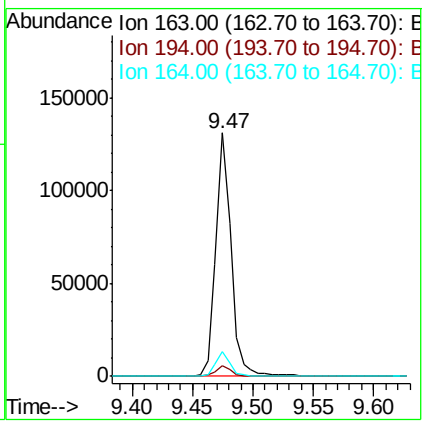


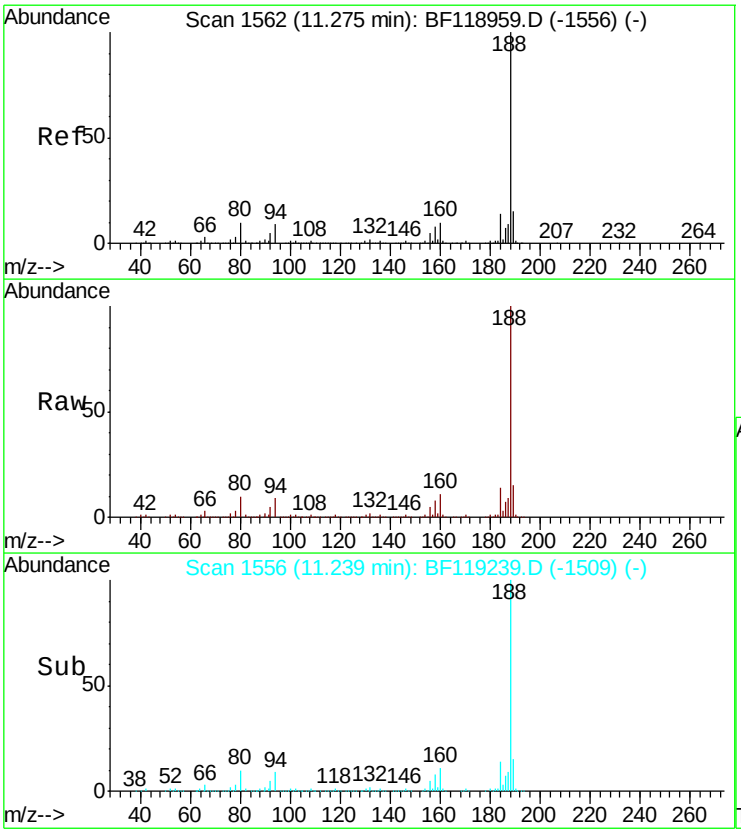
#50
Dimethylphthalate
Concen: 5.152 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Instrument :
BNA_F
ClientSampleId :
AU-06-030320

Tgt Ion:163 Resp: 113597

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.3	8.4	12.6

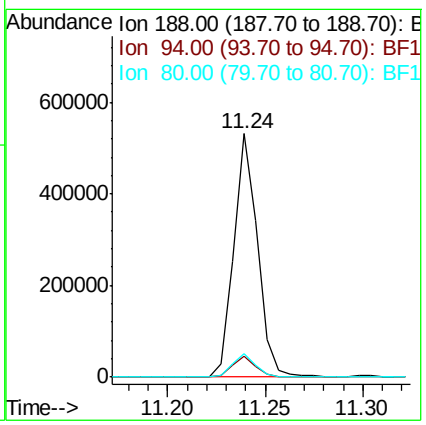


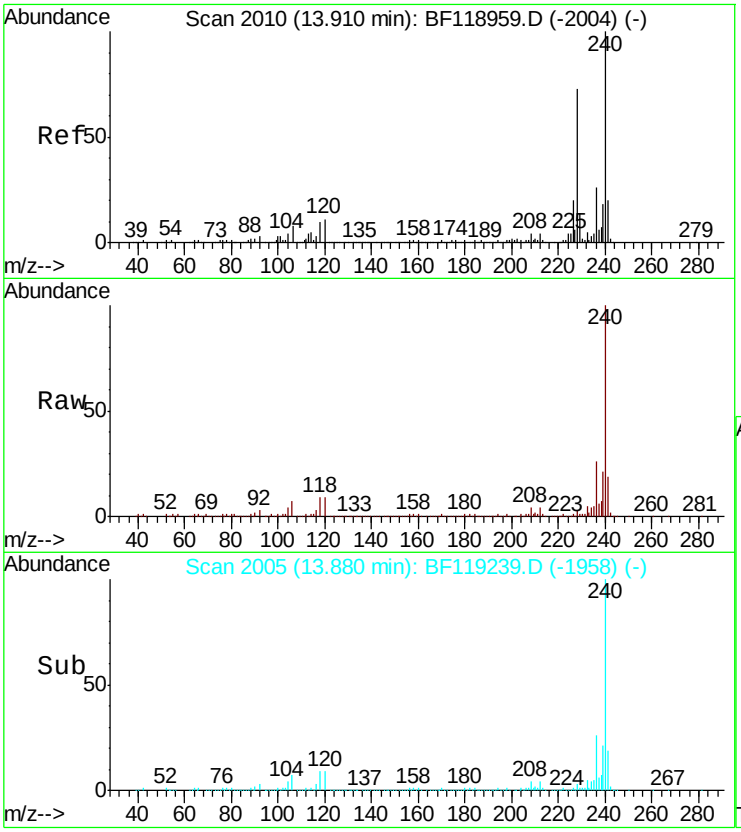


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Tgt Ion:188 Resp: 447621

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.7	7.8	11.8



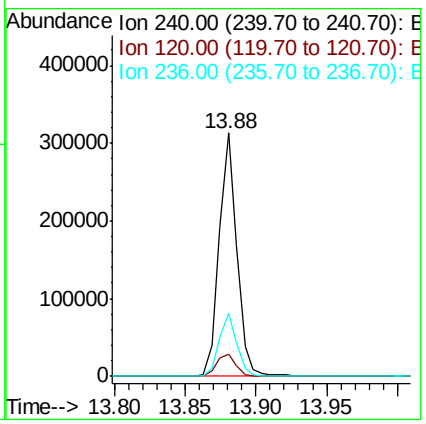


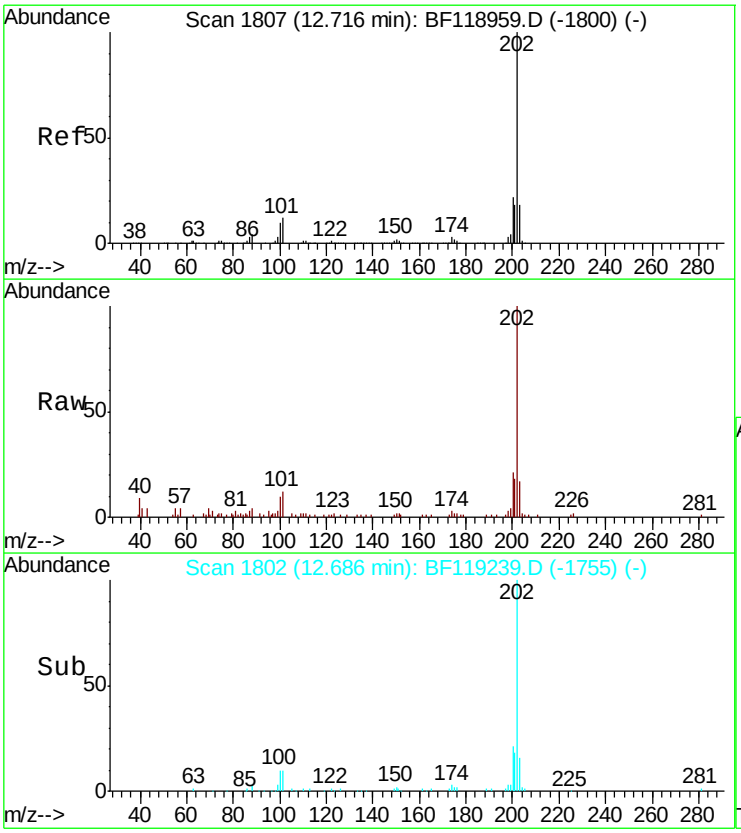
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Instrument :
BNA_F
ClientSampleId :
AU-06-030320

Tgt Ion:240 Resp: 274005

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	26.1	21.0	31.4

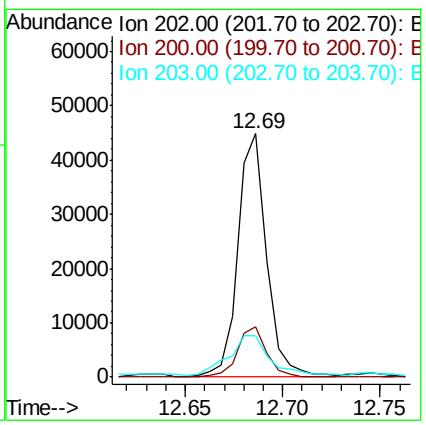


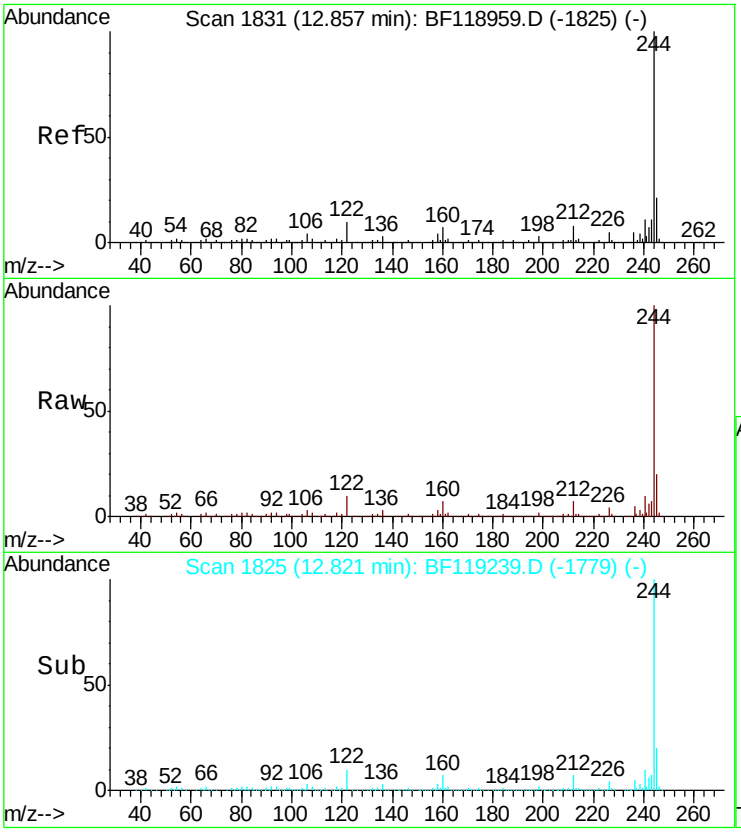


#78
Pyrene
Concen: 2.100 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Tgt Ion:202 Resp: 46208

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.0	27.0
203	16.8	14.6	22.0



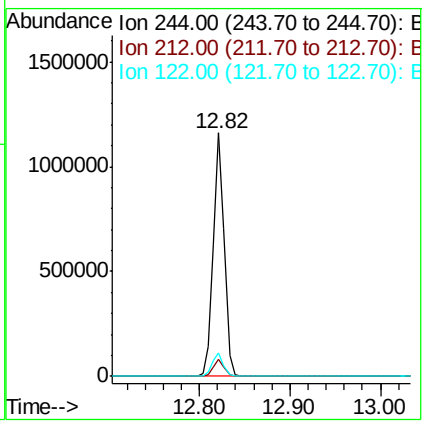


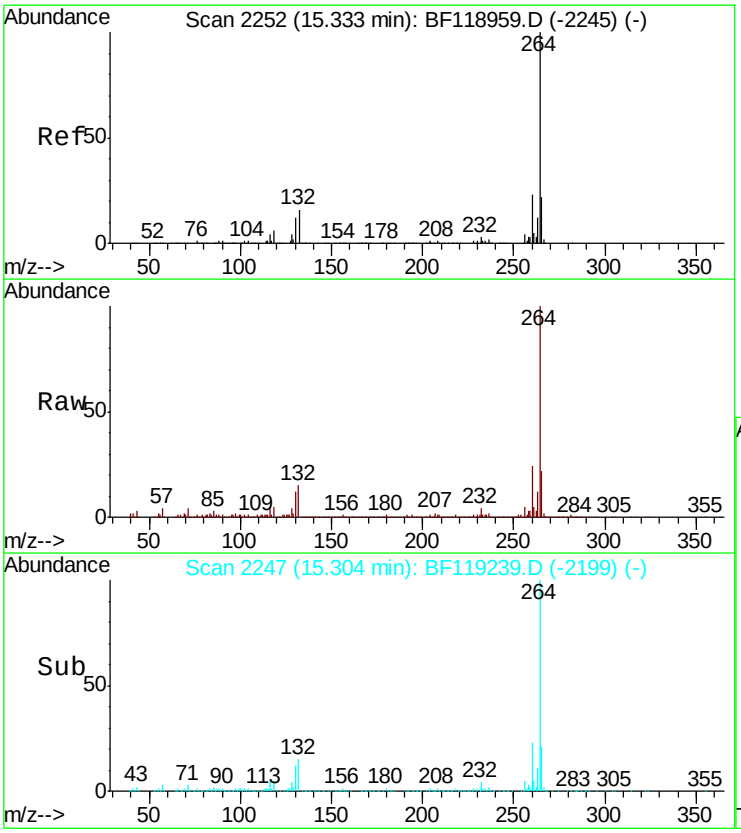
#79
Terphenyl-d14
Concen: 61.767 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Instrument :
BNA_F
ClientSampleId :
AU-06-030320

Tgt Ion:244 Resp: 983029

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.6	10.0
122	9.6	8.2	12.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF119239.D
Acq: 6 Mar 2020 4:22

Tgt Ion:264 Resp: 317578

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.7	17.7	26.5